July 15, 2025

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

Dear Commissioners:

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

SUBJECT

This letter recommends adoption of the Job Order Contract (JOC) Unit Price Book from the Los Angeles County Development Authority's (LACDA) current JOC Consultant, the Gordian Group, Inc., dated May 2025; authority to award to the lowest responsive and responsible bidders for 18 separate Job Order Contracts 126 to 143, and authority to issue JOC work orders for County facilities, public housing, commercial buildings, and private residences.

IT IS RECOMMENDED THAT THE BOARD:

1. Find that the adoption of the JOC unit price book from The Gordian Group, dated May 2025, approval for advertisement for bids, and the proposed award of JOCs and related actions are not a project under the California Environmental Quality Act for the reasons stated in this Board letter and in the records pertaining to the JOCs.

2. Adopt the JOC Construction Task Catalog and Technical Specifications prepared by The Gordian Group, Inc., dated May 2025.

3. Direct the Executive Officer of the Board to advertise for bids to be received and opened on August 20, 2025, using The Gordian Group, Inc.'s JOC System for 18 separate JOCs (126-143) in accordance with the Notice For Bids.

4. Delegate authority to the Executive Director or designee to make the determination that a bid is nonresponsive and to reject a bid on that basis; to award to the next lowest responsive and responsible bidder; to waive inconsequential and nonmaterial deficiencies in bids submitted; and to determine, in accordance with the applicable contract and bid documents, whether the apparent lowest responsive and responsible bidder has satisfied all conditions for contract award. Upon such determination, delegate authority to the Executive Director or designee to award and execute 18 JOCs, each not to exceed $6,210,093.15, in the form previously approved by County Counsel; and to establish the effective date of the contracts upon receipt by the LACDA of acceptable performance and payment bonds and evidence of required contractor insurance.

5. With respect to JOCs 126 to 143, authorize the Executive Director or designee, subject to a finding of exemption under the California Environmental Quality Act (CEQA), to issue work orders for projects that are subject to and not subject to the State Public Contract Code including maintenance work, as applicable, not to exceed $6,210,093.15 per work order; subject to the limitation that the aggregate amount of all work orders issued under a particular JOC does not exceed the $6,210,093.15 maximum contract amount of the JOC.

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

PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION

Approval of the recommended actions will make necessary findings under CEQA; adopt the JOC Construction Task Catalog Unit Price Book from The Gordian Group, Inc., dated May 2025; advertise for bids to be received and opened for 18 JOCs; and authorize the LACDA to determine that a bid is nonresponsive to the mandatory requirements of the bid solicitation and to reject a bid on that basis, including the authority to waive inconsequential and nonmaterial deficiencies, award and execute 18 JOC agreements, and issue JOC work orders for County facilities, public housing, commercial buildings, and private residences subject to finding of exemption, if appropriate, findings for the work orders under CEQA at the time of issuance.

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

Approval of the recommended actions will allow the LACDA to issue work orders for projects that are subject to and not subject to the PCC, including repair, remodeling, and refurbishment work, in an amount not to exceed the monetary limits set forth in PCC Section 20145, and authorized to the LACDA by ordinance in accordance with PCC Sections 20128.5 and 20145, subject to the limitation that the aggregate amount of all work orders issued under a particular JOC does not exceed the $6,210,093.15 maximum contract amount of the JOC. For projects subject to PCC, the LACDA will seek Board approval prior to issuing JOC work orders for any project that exceeds the LACDA’s

delegated monetary limit authorized by ordinance.

Approval of the recommended actions will also delegate authority to the LACDA to issue work orders for projects that are not subject to PCC, including maintenance, demolition, or procurement and installation of equipment, as applicable, not to exceed $6,210,093.15 per work order, subject to the limitation that the aggregate amount of all work orders issued under a particular JOC does not exceed $6,210,093.15 maximum contract amount of the JOC. In accordance with the October 31, 2017, Board Motion, the LACDA will provide notification to the Board a week prior to issuance of work orders in excess of $150,000 for projects not subject to PCC. In the case of emergency or critically needed deferred maintenance projects not subject to PCC, LACDA will provide notification to the Board no later than 24 hours after the issuance of such work orders.

In order to have adequate JOC capacity available on a continuous basis, the aggregate requested amount of JOC authority is $111,781,677 (18 JOCs). Six (6) JOCs will be used for public housing refurbishment projects, six (6) will be used for the Community Care Expansion and Preservation Program, and six (6) will be used for County facilities, Lead Based Paint Hazard Mitigation, and the Renovate Commercial Façade Revitalization program.

This capacity is based on the anticipated need for various projects to be performed under JOC, including repair, remodeling, refurbishment, and maintenance work for LACDA projects. These proposed projects will primarily address sustainability, improve Americans with Disabilities Act accessibility, and provide upgrades that conform to current Building Code requirements. Therefore, the LACDA has made the determination that the use of a JOC is the most appropriate contracting method to deliver these projects.

FISCAL IMPACT/FINANCING

There is no impact on the County general fund. The projects anticipated to be performed under the JOCs, including repair, remodeling, refurbishment, alteration, and maintenance work will be financed with approved budgets of programs for which these services will be provided and are included in the LACDA's approved Fiscal Year 2025-2026 budget. Funds for future years will be included in the LACDA's annual budget approval process. The total not-to-exceed program amount to be expended per Contract is $6,210,093.15 per year. The potential aggregate, not-to-exceed amount across the 18 Contracts is $111,781,677.

FACTS AND PROVISIONS/LEGAL REQUIREMENTS

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

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

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

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

ENVIRONMENTAL DOCUMENTATION

Pursuant to Title 24 of the Code of Federal Regulations, Section 58.34 (a)(3), these actions are

exempt from the National Environmental Policy Act (NEPA) because they involve administrative actions of government. JOC construction activities are generally categorically excluded from NEPA pursuant to 24 CFR 58.35 (a)(3)(i), (ii) and (iii). NEPA review and clearance will be completed for each JOC project prior to approval of specific work orders.

Award of the JOCs, adoption of the JOC unit price and technical specifications books from The Gordian Group, Inc., each dated May 2025, delegation of authority to take actions related to award and execution of JOC agreements do not constitute a project under CEQA because the activity is excluded from the definition of a project under Section 21065 of the Public Resources Code and Section 15378(b)(4) and (5) of the State CEQA Guidelines. These activities are administrative actions of government and involve the creation of government funding mechanisms or other government fiscal activities that do not involve any commitment to any specific project that may result in a potentially significant environmental impact or direct or indirect changes to the environment. JOC projects for which work orders are issued under the recommended contracts include repair, remodeling, refurbishment, and maintenance of existing structures and facilities as requested by the LACDA and are, therefore, likely categorically exempt from CEQA. The Board's award of the JOCs does not include approval of any work under the contracts. The future implementation of each work order proposed under the JOCs will be subject to prior determination and documentation by the Executive Director of the LACDA or his designee that the work is exempt from CEQA, if appropriate. In the event that the proposed work is not determined to be exempt, the LACDA will ensure that any necessary CEQA documentation is prepared and any necessary CEQA findings by the Board are recommended prior to issuance of the work orders.

CONTRACTING PROCESS

Advertising for bids for 18 separate JOCs 126 to 143 will be in accordance with the County's standard Instruction Sheet for Publishing Legal Advertisements (Enclosure A).
As requested by the Board on February 3, 1998, the Invitation for Bids will be listed on the County's "Doing Business with the County" website, and the LACDA’s website. The proposed JOCs will be solicited on an open-competitive basis and in accordance with applicable Federal, State, and County requirements.

Bidders will be required to submit a set of cost adjustment factors that would be applied to the unit prices for work using The Gordian Group, Inc.'s JOC System for the 18 separate JOCs 126 to 143 with the book dated May 2025. The unit price book from The Gordian Group, Inc. will be made available to bidders and be on file with the LACDA’s Construction Management Unit.

Bids will be determined by calculating a composite factor using a predetermined advertised formula. The lowest responsive and responsible bidder for each JOC will be awarded that JOC. The JOC consultant and their corresponding unit price book dated May 2025 and each of the lowest responsive and responsible bidder's adjustment factors will be incorporated in the awarded JOCs. Contracts will be in the form previously reviewed and approved as to form by County Counsel and in compliance with the Board's requirements.

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

The LACDA has evaluated and determined that the Living Wage Program (County Code, Chapter

2.201) does not apply as these contracts are for non-Proposition A services.

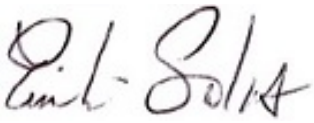
Participation by Community Business Enterprises for these contracts will be encouraged through LACDA's Business Outreach Program and by reporting the good faith efforts of contractors to utilize Community Business Enterprises.

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

IMPACT ON CURRENT SERVICES (OR PROJECTS)

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

Respectfully submitted,



Emilio Salas
Executive Director

ES:CR:KL

Enclosures

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

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

OFFICIAL NOTICE
INVITING BIDS

Notice is hereby given that the Executive Director of the Los Angeles County Development Authority will accept sealed bids for furnishing all materials, labor, and equipment required to complete construction for 18 separate Job Order Contracts (126 to 143).

A bid package containing all submission requirements may be downloaded from the LACDA website at www.lacda.org, scroll to and click on “Vendors,” click on “View Open Solicitations,” and under the “Title” column, select the solicitation of interest, then click on “Download Documents Below,” and follow the instructions. For assistance with downloading bid documents, please contact Susana Oliveros at (626) 586-1782.

A Pre-Bid meeting for this project will be held at 2:00 p.m. on July 30, 2025, via an online meeting. Attendance at this meeting is mandatory for award of the Contract. Bidders who desire to attend the virtual meeting must RSVP by sending the name of their company, attendee names, and attendee email addresses to susana.oliveros@lacda.org by 5:00 p.m. on July 29, 2025. Bidders will receive an invitation to a Microsoft Teams meeting with link.

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

Bids must be submitted electronically on the LACDA’s website. Bid submission instructions can be found in the bid package. Bids must be uploaded to the LACDA website before 2 p.m. on August 20, 2025, and no bids may be submitted after that date and time. Bids will be opened and publicly declared on August 20, 2025, at 3 p.m., via online meeting.

GORDIAN®

Job Order Contract Construction Task Catalog®

CSI Divisions 01-46 May 2025

County of Los Angeles Housing Authority

THE GORDIAN GROUP®

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About the CTC:

- ☑ This Construction Task Catalog® (CTC) was developed and customized by The Gordian Group, Inc. specifically for **County of Los Angeles Housing Authority**, priced locally using current labor, material and equipment costs, and published in **May 2025**.
- ☑ The Gordian Group, Inc. licenses the use of this CTC and other proprietary information and software for the sole purpose of providing Job Order Contracting services to **County of Los Angeles Housing Authority**. Use of this CTC and other proprietary information and software for any other purpose, or for any other entity, is expressly prohibited without the express written consent of The Gordian Group, Inc.

MasterFormat™

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

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The Unit Prices Include:

Labor Costs:

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

Equipment Costs:

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

Material Costs:

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

The Adjustment Factors Include:

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

Business Costs:

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

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

Project Related Costs:

- ☑ Project trailer, equipment and supplies, portable toilets, and hand wash stations for Contractor's use.
- ☑ Project management and project supervision.
- ☑ Services required to complete project filings and obtain permits.
- ☑ Preparation and modification of sketches, drawings, submittals, as-built drawings, and other project records.
- ☑ Gang boxes and storage containers for Contractor's tools, equipment and materials.
- ☑ Basic safety and warning signage, minor barricades (e.g., construction tape, reflective cones, etc.) and personnel safety equipment (e.g., hard hats, safety harnesses with lifeline or cabling, protective clothing, safety glasses, face shields, etc.).
- ☑ Meeting Owner's security requirements.
- ☑ All taxes for which a waiver is not available including material sales tax and equipment rental.
- ☑ Removing and returning Owner's office furniture and furnishings (e.g. chairs, tables, pictures, etc. but excluding modular furniture, furnishings fastened to the wall or floor, safes and other furniture requiring disassembly).
- ☑ Residential furniture (e.g. dresser drawers, bed frame and mattress, tv stands etc.) are not included and may be charged in a different task by the contractor.
- ☑ Sealing windows doors, and other openings with plastic to contain construction dust and debris within the work area, or to protect existing surfaces.
- ☑ Working in extreme temperatures (below or above normal) or adverse conditions such as rain, wind, sleet or snow.
- ☑ Costs resulting from inadequate supply of building materials, fuel, electricity, or skilled labor.
- ☑ Daily clean-up.
- ☑ Work area that are occupied are to be returned to previous condition at the end of each day.
- ☑ Final professional clean-up.
- ☑ Protection of all immediate surfaces from dust, debris or damage during construction. The contractor may be paid for additional protection outside the immediate construction areas, if requested by the owner in the scope of work. The methods of protection including plastic, paper, Masonite, sealing of doors or windows, etc. are the Contractor's responsibility.
- ☑ Costs resulting from productivity loss.

Price Variations:

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

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SUMMARY:

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

Unit Price	X	Quantity	X	Adjustment Factor

- ☑ No additional payments of any kind whatsoever will be made.
- ☑ All costs in excess of the unit prices, must be included in the Adjustment Factors.

General Rules:

- ☑ Unit prices are for complete and in-place construction and include all labor, equipment and material required to complete the task as described in the CTC.
- ☑ If the Contractor uses a crane or other lifting equipment (except a truck mounted boom lift or other equipment as part of the delivery process) to lift material onto a roof, even if that roof is less than 2 stories, the contractor will be paid for such crane or lifting equipment as a separate task.
- ☑ Unit prices include all fasteners such as anchor bolts, lag bolts, screws, adhesive, wedge anchors, expansion bolts, roofing clips (excluding hurricane clips) required. Fasteners listed separately in the CTC are for use with Owner furnished material and equipment or relocating or reinstalling existing material and equipment.
- ☑ Unit prices exclude more substantial mounting material such as threaded rod or angle iron unless the task description states otherwise.
- ☑ Unit prices for doors and windows, duct work, plumbing fixtures, seamless floors, countertops, roof flashing, pitch pockets, skylights, roof curbs, exterior trim, etc. include sealant and caulking.
- ☑ Unit prices include testing, calibrating, balancing, Programming, start-up services and the like required to ensure proper complete new installation, construction and performance of the work (e.g. compaction test for backfill, balancing of heating ventilation and air conditioning, Programming of Controls, pneumatic or hydrostatic testing, soaping of joints, disinfection and flushing of water lines, etc.). Contractor may be paid for testing, calibrating, balancing, start-up services and the like for Owner supplied materials and equipment, or when working on or tying into existing materials and equipment.
- ☑ For the purpose of calculating the quantity of a task, quantities are calculated on a per project basis. The quantity so determined shall be used for the task and all appropriate modifiers, unless the task states otherwise.
- ☑ Whenever there are alternative tasks that may be selected to complete work, the Contractor shall select the most practical and economical tasks available (e.g. rental of equipment by weeks or months rather than days, or painting by roller or spray rather than brush).

DEMOLITION:

- ☑ Unit prices for demolition include all labor, equipment and material required for the complete removal of the items; clean-up of the area; and transporting the demolished items up or down 2 stories into a truck, dumpster, or to an owner designated area, located within 125' of the project site.
- ☑ Unit prices for demolition exclude costs for hauling (See 01741900), dump fees (See 01741900), dumpsters (See 01741900), and trash chutes (See 01741900).
- ☑ If the item being demolished is attached to another item being removed and can be removed as one item, then that item shall not be priced as a separate demolition task, unless the component alone must be demolished to accomplish the task (e.g. demolition of pipe includes pipe fittings unless the fitting must be demolished separately to accomplish the task; demolition of a wood door

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includes hinges, hardware, closures, kick plates, etc.).

- ☑ The word "replace" includes removal of the existing item and installation of the new item.
- ☑ The words "remove and relocate" or "remove and reinstall" include removal, cleaning, and installation of the existing item in either the same location or another location.
- ☑ Salvageable materials are the property of the Owner and shall, if directed, be turned over to the Owner.

Working Height:

- ☑ Typical working height for work other than masonry is up to 14' above the finished floor or stationary working surface. The Contractor will not be paid for scaffolding, lifts, or similar equipment for work below 14'.
- ☑ Typical working height for masonry work is up to 4' above the finished floor or stationary working surface. The Contractor will not be paid for scaffolding, lifts, or similar equipment for masonry work below 4'.

Field Engineering:

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

Assemblies:

- ☑ Assembly tasks take precedence over individual component tasks.
- ☑ Assembly tasks may only be used when there are no approved set of plans provided by the agency.

Restricted and Confined Spaces:

- ☑ Restricted Working Space is defined as any area with less than 3' vertical or horizontal clearance and includes areas such as crawl spaces, ceiling plenums where the grid is not removed, narrow piping tunnels, and equipment rooms where the space to install the new work is congested as a result of equipment and piping placement that meet these dimensional restrictions. A Restricted Working Space modifier is available for certain mechanical piping and piping accessories tasks and for certain electrical conduit and conduit accessories tasks. Only those tasks with a modifier for Restricted Working Space are eligible for a price adjustment, and then only if the modifier applies to the contemplated tasks. A non pre-priced task will not be allowed because of Restricted Working Space for any CTC task.
- ☑ Confined Working Space is defined according to the OSHA definition 29 CFR 1926.21(b)(6)(i): "Any space having limited means of egress, which is subject to accumulation of toxic or flammable contaminants or has an oxygen deficient atmosphere, including, but not limited to, storage tanks, process vessels, bins, boilers, ventilation and exhaust duct, sewers, underground vaults, tunnels, pipelines and open top spaces more than 4 feet in depth such as pits and tubs." The Contractor shall conform to all OSHA and Owner requirements for working in Confined Working Spaces. Required ventilation and air monitoring equipment tasks shall be priced from the CTC.

Technical Specifications:

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

Or Equals:

- ☑ Whenever material, products, or equipment is identified in the CTC, or in the Technical

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

Useful Information:

UNIT OF MEASURE DEFINITIONS:

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

MATERIAL WEIGHTS:

EARTHEN MATERIAL

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

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

BULK FACTORS FOR DEMOLITION:

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

- **Asphalt** = 1.25

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- **Concrete** = 1.40

CONVERSIONS:

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

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

1 Centimeter = 0.3937 Inches = 0.0328 Feet

1 Cubic Foot = 0.03704 Cubic Yards = 0.02832 Cubic Meters

1 Cubic Meter = 1.3080 Cubic Yards = 35.3147 Cubic Feet

1 Cubic Yard = 27 Cubic Feet = 0.7646 Cubic Meters

1 Foot = 12 Inches = 0.3048 Meters

1 Inch = 2.54 Centimeters = 0.0254 Meters

1 Kilogram = 2.2046 Pounds

1 Kilometer = 0.6214 Miles = 3280 Feet

1 Meter = 100 Centimeters = 3.2808 Feet

1 Mile = 5280 Feet = 1.6093 Kilometers

1 Pound = 0.4536 Kilograms

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

1 Square Meter = 1.1960 Square Yards = 10.7639 Square Feet

1 Square Yard = 9 Square Feet = 0.8361 Square Meters

1 Ton = 2000 Pounds = 907.185 Kilograms

1 Yard = 3 Feet = 0.9144 Meters

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

STANDARD GEOMETRY:

Circle

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

Cylinder

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

Sphere

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

π = 3.14159

United Inch

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

TRADEMARKS

☑ Gordian JOC Solution, JOC Complete Solution, JOC Complete Solution Plus, PROGEN, eGordian, ezIQC, Construction Task Catalog, Catalog of Construction Tasks, DMAP, The Standard for Job Order Contracting and 6 Phase Development and Implementation Process are either registered trademarks or trademarks of The Gordian Group, Inc. The names of actual companies and products

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

01 General Requirements

01 10 Summary *(01)*

01 11 Summary Of Work *(01 10)*

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

Note: For specification publishing. Review specifications for requirements.

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

01 20 Price and Payment Procedures *(01)*

01 22 Unit Prices *(01 20)*

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

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

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

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

01 22 20 Wage Rates *(01 22)*

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

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

01 22 20 00-0002	HR	Asbestos Removal Worker Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	107.10	
		For Foreperson, Add	*5.36*	
		For Apprentice, Deduct	*-21.42*	
01 22 20 00-0003	HR	Insulator Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	113.46	
		For Foreperson, Add	*5.67*	
		For Apprentice, Deduct	*-22.69*	
01 22 20 00-0004	HR	Boilermaker Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	119.57	
		For Foreperson, Add	*5.98*	
		For Apprentice, Deduct	*-23.91*	
01 22 20 00-0005	HR	Brick Layer Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	101.00	
		For Foreperson, Add	*5.05*	
		For Apprentice, Deduct	*-20.20*	
01 22 20 00-0006	HR	Carpenter Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	112.61	
		For Foreperson, Add	*5.63*	
		For Apprentice, Deduct	*-22.52*	
01 22 20 00-0007	HR	Carpet, Linoleum Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	92.95	
		For Foreperson, Add	*4.65*	
		For Apprentice, Deduct	*-18.59*	
01 22 20 00-0008	HR	Cement Mason Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	93.68	
		For Foreperson, Add	*4.68*	
		For Apprentice, Deduct	*-18.74*	
01 22 20 00-0009	HR	Drywall Finisher Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	106.62	
		For Foreperson, Add	*5.33*	
		For Apprentice, Deduct	*-21.32*	
01 22 20 00-0010	HR	Electrician Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	127.53	
		For Foreperson, Add	*6.38*	
		For Apprentice, Deduct	*-25.51*	
01 22 20 00-0011	HR	Equipment Operator (Crane Group 3) Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	123.02	
		For Foreperson, Add	*6.15*	
01 22 20 00-0012	HR	Equipment Operator (Crane Group 5) Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	123.55	
		For Foreperson, Add	*6.18*	
01 22 20 00-0013	HR	Equipment Operator (Crane Group 7) Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	123.88	
		For Foreperson, Add	*6.19*	
01 22 20 00-0014	HR	Equipment Operator (Crane Group 8) Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	124.13	
		For Foreperson, Add	*6.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 20 00-0015	HR	Equipment Operator (Crane Group 9)	124.38	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*6.22*	
01 22 20 00-0016	HR	Equipment Operator (Crane Group 10)	125.84	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*6.29*	
01 22 20 00-0017	HR	Equipment Operator (Crane Group 11)	127.30	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*6.37*	
01 22 20 00-0018	HR	Equipment Operator (Crane Group 12)	128.75	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*6.44*	
01 22 20 00-0019	HR	Equipment Operator (Crane Group 13)	130.21	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*6.51*	
01 22 20 00-0020	HR	Equipment Operator (Group 2)	120.63	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*6.03*	
		For Apprentice, Deduct	*-24.13*	
01 22 20 00-0021	HR	Equipment Operator (Group 3)	121.06	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*6.05*	
		For Apprentice, Deduct	*-24.21*	
01 22 20 00-0022	HR	Equipment Operator (Group 4)	123.23	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*6.16*	
		For Apprentice, Deduct	*-24.65*	
01 22 20 00-0023	HR	Equipment Operator (Group 6)	123.55	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*6.18*	
		For Apprentice, Deduct	*-24.71*	
01 22 20 00-0024	HR	Equipment Operator (Group 8)	123.71	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*6.19*	
		For Apprentice, Deduct	*-24.74*	
01 22 20 00-0025	HR	Equipment Operator (Group 10)	123.88	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*6.19*	
		For Apprentice, Deduct	*-24.78*	
01 22 20 00-0026	HR	Equipment Operator (Group 12)	124.13	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*6.21*	
		For Apprentice, Deduct	*-24.83*	
01 22 20 00-0027	HR	Glazier	117.56	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*5.88*	
		For Apprentice, Deduct	*-23.51*	
01 22 20 00-0028	HR	Laborer	102.39	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
01 22 20 00-0029	HR	Lather	104.59	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*5.23*	
		For Apprentice, Deduct	*-20.92*	
01 22 20 00-0030	HR	Marble Setter	101.00	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*5.05*	
		For Apprentice, Deduct	*-20.20*	
01 22 20 00-0031	HR	Millwright	105.87	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*5.29*	
		For Apprentice, Deduct	*-21.17*	
01 22 20 00-0032	HR	Mold Removal Worker	106.67	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*5.33*	
		For Apprentice, Deduct	*-21.33*	
01 22 20 00-0033	HR	Painter, Ordinary	84.92	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*4.25*	
		For Apprentice, Deduct	*-16.98*	
01 22 20 00-0034	HR	Painter, Structural Steel	91.39	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*4.57*	
		For Apprentice, Deduct	*-18.28*	
01 22 20 00-0035	HR	Paperhanger	84.92	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*4.25*	
		For Apprentice, Deduct	*-16.98*	
01 22 20 00-0036	HR	Pile Drivers	111.55	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*5.58*	
		For Apprentice, Deduct	*-22.31*	
01 22 20 00-0037	HR	Plasterer	105.01	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*5.25*	
		For Apprentice, Deduct	*-21.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 20 00-0038	HR	Plumber	118.16	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*5.91*	
		For Apprentice, Deduct	*-23.63*	
01 22 20 00-0039	HR	Powderman	111.95	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*5.60*	
		For Apprentice, Deduct	*-22.39*	
01 22 20 00-0040	HR	Rodman (Reinforcing)/Ornamental Steel Worker	113.31	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*5.67*	
		For Apprentice, Deduct	*-22.66*	
01 22 20 00-0041	HR	Roofer, Composite	131.57	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*6.58*	
		For Apprentice, Deduct	*-26.31*	
01 22 20 00-0042	HR	Roofer, Metal	158.41	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*7.92*	
		For Apprentice, Deduct	*-31.68*	
01 22 20 00-0043	HR	Roofer, Tile/Slate	127.91	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*6.40*	
		For Apprentice, Deduct	*-25.58*	
01 22 20 00-0044	HR	Sheet Metal Worker	129.42	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*6.47*	
		For Apprentice, Deduct	*-25.88*	
01 22 20 00-0045	HR	Sprinkler Installer	117.33	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*5.87*	
		For Apprentice, Deduct	*-23.47*	
01 22 20 00-0046	HR	Steam / Pipe Fitter	118.16	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*5.91*	
		For Apprentice, Deduct	*-23.63*	
01 22 20 00-0047	HR	Stone Mason	101.00	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*5.05*	
		For Apprentice, Deduct	*-20.20*	
01 22 20 00-0048	HR	Structural Steel Worker	116.83	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*5.84*	
		For Apprentice, Deduct	*-23.37*	
01 22 20 00-0049	HR	Tile Layer	98.02	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*4.90*	
		For Apprentice, Deduct	*-19.60*	
01 22 20 00-0050	HR	Terrazzo Worker	89.99	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*4.50*	
		For Apprentice, Deduct	*-18.00*	
01 22 20 00-0051	HR	Truck Driver (Group 2)	95.10	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*4.76*	
		For Apprentice, Deduct	*-19.02*	
01 22 20 00-0052	HR	Truck Driver (Group 3)	95.30	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*4.77*	
		For Apprentice, Deduct	*-19.06*	
01 22 20 00-0053	HR	Truck Driver (Group 4)	95.58	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*4.78*	
		For Apprentice, Deduct	*-19.12*	
01 22 20 00-0054	HR	Truck Driver (Group 5)	95.62	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*4.78*	
		For Apprentice, Deduct	*-19.12*	
01 22 20 00-0055	HR	Truck Driver (Group 6)	95.67	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*4.78*	
		For Apprentice, Deduct	*-19.13*	
01 22 20 00-0056	HR	Truck Driver (Group 7)	96.04	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-19.21*	
01 22 20 00-0057	HR	Truck Driver (Group 8)	96.42	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*4.82*	
		For Apprentice, Deduct	*-19.28*	
01 22 20 00-0058	HR	Truck Driver (Group 9)	96.72	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Foreperson, Add	*4.84*	
		For Apprentice, Deduct	*-19.34*	
01 22 20 00-0059	HR	Class I Diver	218.47	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 20 00-0060	HR	Class III Diver Tender Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	123.03	
01 22 20 00-0061	HR	D1 Certified Welder Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	131.60	
01 22 20 00-0062		Rates For Services *(01 22 20)*		
01 22 20 00-0063	HR	Watch/Guard Person, Unarmed	40.76	
01 22 20 00-0064	HR	Watch/Guard Person, Armed	52.54	
01 22 20 00-0065	HR	Senior Surveyor (Party Chief)	139.21	
01 22 20 00-0066	HR	Surveyor (Instrument person)	128.25	
01 22 20 00-0067	HR	Surveyor (Rod Person)	127.26	
01 22 20 00-0068	HR	On-Site Certified Materials Testing Technician	97.82	
01 22 20 00-0069	HR	Certified Industrial Hygienist	131.80	
01 22 20 00-0070	MI	Mileage For Professional Services (Engineering, Surveying, Etcetera) Note: For use only when the Owner directs the contractor to use personnel whose base of operations is more than 100 miles from the site. Quantity shall be miles that exceed 100.	0.67	
01 22 20 00-0071	HR	Fire Watch Laborer Note: Fire watchers shall be required whenever welding or cutting is performed in locations where other than a minor fire might develop, or any of the following conditions exist: (1) Appreciable combustible material, in building construction or contents, closer than 35 feet (10.7 m) to the point of operation. (2) Appreciable combustibles are more than 35 feet (10.7 m) away but are easily ignited by sparks. (3) Wall or floor openings within a 35-foot (10.7 m) radius expose combustible material in adjacent areas including concealed spaces in walls or floors. (4) Combustible materials are adjacent to the opposite side of metal partitions, walls, ceilings, or roofs and are likely to be ignited by conduction or radiation.	102.39	
01 22 20 00-0072		Rates For Project Management Services *(01 22 20)* Note: Includes subcontracted rates with burden and mark-up		
01 22 20 00-0073	HR	Project Manager	160.00	
01 22 20 00-0074		Rates For Architectural And Engineering Services *(01 22 20)* Note: For preparation of contract documents, structural and/or design drawings, special investigating requirements or services outside required architectural and engineering services. Includes subcontracted rates with burden and mark-up		
01 22 20 00-0075	HR	Principal Engineer	209.92	
01 22 20 00-0076	HR	Senior Engineer	174.08	
01 22 20 00-0077	HR	Engineer	136.96	
01 22 20 00-0078		Rates For Traffic Control *(01 22 20)*		
01 22 20 00-0079	HR	Flagperson For Traffic Control	102.39	
01 22 20 00-0080		Mobilize Equipment *(01 22 20)*		
01 22 20 00-0081	HR	Escort Vehicle With Driver	113.70	
01 22 20 00-0082	HR	Transport Vehicle With Driver	141.49	

01 22 23 Equipment Usage *(01 22)*

Note: Includes fuel costs unless otherwise stated. These tasks shall be used for owned, leased or rented equipment. Excludes mobilization unless otherwise stated. See CSI section 01 22 20 00-0078 for traffic control (where required), 01 71 13 00-0000 for equipment delivery, pickup, mobilization and demobilization.

01 22 23 00-0001		Aerial Equipment *(01 22 23)*		
01 22 23 00-0002		Man Lifts *(01 22 23 00-0001)* Note: Excludes operator, delivery, set-up, and removal.		
01 22 23 00-0003		Telescoping Boom Man Lifts With Platform *(01 22 23 00-0002)*		
01 22 23 00-0004		Engine Powered, Telescoping Boom Man Lifts With Platform *(01 22 23 00-0003)* Note: Diesel or dual fuel (gasoline or liquid propane gas). Two-wheel drive. For use on unpaved or paved surfaces.		
01 22 23 00-0005	DAY	40' Engine Powered, Telescoping Boom Man Lift With Platform	464.69	
		For Half Day Usage, Deduct	*-145.22*	
		For Four-Wheel Drive, Add	*104.56*	
01 22 23 00-0006	WK	40' Engine Powered, Telescoping Boom Man Lift With Platform	1,169.22	
		For Four-Wheel Drive, Add	*263.07*	
01 22 23 00-0007	MO	40' Engine Powered, Telescoping Boom Man Lift With Platform	2,623.25	
		For Four-Wheel Drive, Add	*590.23*	
		For >6 Months (>26 Weeks), Deduct	*-104.93*	
01 22 23 00-0008	DAY	60' Engine Powered, Telescoping Boom Man Lift With Platform	682.04	
		For Half Day Usage, Deduct	*-213.14*	
		For Four-Wheel Drive, Add	*153.46*	
01 22 23 00-0009	WK	60' Engine Powered, Telescoping Boom Man Lift With Platform	1,626.42	
		For Four-Wheel Drive, Add	*365.94*	
01 22 23 00-0010	MO	60' Engine Powered, Telescoping Boom Man Lift With Platform	3,560.12	
		For Four-Wheel Drive, Add	*801.03*	
		For >6 Months (>26 Weeks), Deduct	*-142.40*	
01 22 23 00-0011	DAY	80' Engine Powered, Telescoping Boom Man Lift With Platform	1,326.62	
		For Half Day Usage, Deduct	*-414.57*	
		For Four-Wheel Drive, Add	*298.49*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0012	WK	80' Engine Powered, Telescoping Boom Man Lift With Platform	3,215.36	
		For Four-Wheel Drive, Add	*723.46*	
01 22 23 00-0013	MO	80' Engine Powered, Telescoping Boom Man Lift With Platform	6,745.50	
		For Four-Wheel Drive, Add	*1,517.74*	
		For >6 Months (>26 Weeks), Deduct	*-269.82*	
01 22 23 00-0014	DAY	110' Engine Powered, Telescoping Boom Man Lift With Platform	1,888.74	
		For Half Day Usage, Deduct	*-590.23*	
		For Four-Wheel Drive, Add	*424.97*	
01 22 23 00-0015	WK	110' Engine Powered, Telescoping Boom Man Lift With Platform	4,547.97	
		For Four-Wheel Drive, Add	*1,023.29*	
01 22 23 00-0016	MO	110' Engine Powered, Telescoping Boom Man Lift With Platform	11,332.44	
		For Four-Wheel Drive, Add	*2,549.80*	
		For >6 Months (>26 Weeks), Deduct	*-453.30*	
01 22 23 00-0017	DAY	120' Engine Powered, Telescoping Boom Man Lift With Platform	2,300.96	
		For Half Day Usage, Deduct	*-719.05*	
		For Four-Wheel Drive, Add	*517.72*	
01 22 23 00-0018	WK	120' Engine Powered, Telescoping Boom Man Lift With Platform	5,868.58	
		For Four-Wheel Drive, Add	*1,320.43*	
01 22 23 00-0019	MO	120' Engine Powered, Telescoping Boom Man Lift With Platform	13,341.10	
		For Four-Wheel Drive, Add	*3,001.75*	
		For >6 Months (>26 Weeks), Deduct	*-533.64*	

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

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

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

01 22 23 00-0022	DAY	34' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	421.33	
		For Half Day Usage, Deduct	*-131.67*	
01 22 23 00-0023	WK	34' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	1,057.15	
01 22 23 00-0024	MO	34' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	2,543.29	
		For >6 Months (>26 Weeks), Deduct	*-101.73*	
01 22 23 00-0025	DAY	45' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	536.24	
		For Half Day Usage, Deduct	*-167.58*	
01 22 23 00-0026	WK	45' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	1,172.06	
01 22 23 00-0027	MO	45' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	2,909.46	
		For >6 Months (>26 Weeks), Deduct	*-116.38*	
01 22 23 00-0028	DAY	60' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	689.44	
		For Half Day Usage, Deduct	*-215.45*	
01 22 23 00-0029	WK	60' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	1,593.38	
01 22 23 00-0030	MO	60' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	3,562.13	
		For >6 Months (>26 Weeks), Deduct	*-142.49*	
01 22 23 00-0031	DAY	80' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	1,202.70	
		For Half Day Usage, Deduct	*-375.84*	
01 22 23 00-0032	WK	80' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	2,834.38	
01 22 23 00-0033	MO	80' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	6,892.92	
		For >6 Months (>26 Weeks), Deduct	*-275.72*	
01 22 23 00-0034	DAY	125' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	2,336.45	
		For Half Day Usage, Deduct	*-730.14*	
01 22 23 00-0035	WK	125' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	5,515.56	
01 22 23 00-0036	MO	125' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	13,482.48	
		For >6 Months (>26 Weeks), Deduct	*-539.30*	

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

Note: For use on paved surfaces.

01 22 23 00-0038	DAY	30' Electric, Articulating (Up/Over) Boom Man Lift With Platform	421.33	
		For Half Day Usage, Deduct	*-131.67*	
01 22 23 00-0039	WK	30' Electric, Articulating (Up/Over) Boom Man Lift With Platform	1,057.15	
01 22 23 00-0040	MO	30' Electric, Articulating (Up/Over) Boom Man Lift With Platform	2,543.29	
		For >6 Months (>26 Weeks), Deduct	*-101.73*	
01 22 23 00-0041	DAY	35' Electric, Articulating (Up/Over) Boom Man Lift With Platform	421.33	
		For Half Day Usage, Deduct	*-131.67*	
01 22 23 00-0042	WK	35' Electric, Articulating (Up/Over) Boom Man Lift With Platform	1,057.15	
01 22 23 00-0043	MO	35' Electric, Articulating (Up/Over) Boom Man Lift With Platform	2,543.29	
		For >6 Months (>26 Weeks), Deduct	*-101.73*	
01 22 23 00-0044	DAY	40' Electric, Articulating (Up/Over) Boom Man Lift With Platform	520.91	
		For Half Day Usage, Deduct	*-162.78*	
01 22 23 00-0045	WK	40' Electric, Articulating (Up/Over) Boom Man Lift With Platform	1,126.09	
01 22 23 00-0046	MO	40' Electric, Articulating (Up/Over) Boom Man Lift With Platform	2,796.08	
		For >6 Months (>26 Weeks), Deduct	*-111.84*	
01 22 23 00-0047	DAY	45' Electric, Articulating (Up/Over) Boom Man Lift With Platform	520.91	
		For Half Day Usage, Deduct	*-162.78*	
01 22 23 00-0048	WK	45' Electric, Articulating (Up/Over) Boom Man Lift With Platform	1,126.09	
01 22 23 00-0049	MO	45' Electric, Articulating (Up/Over) Boom Man Lift With Platform	2,796.08	
		For >6 Months (>26 Weeks), Deduct	*-111.84*	

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

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

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

Note: For use on paved surfaces.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0052	DAY	17' Electric, Scissor Platform Lift	176.91	
		For Half Day Usage, Deduct	*-55.28*	
01 22 23 00-0053	WK	17' Electric, Scissor Platform Lift	353.83	
01 22 23 00-0054	MO	17' Electric, Scissor Platform Lift	723.74	
		For >6 Months (>26 Weeks), Deduct	*-28.95*	
01 22 23 00-0055	DAY	20' Electric, Scissor Platform Lift	193.00	
		For Half Day Usage, Deduct	*-60.31*	
01 22 23 00-0056	WK	20' Electric, Scissor Platform Lift	385.99	
01 22 23 00-0057	MO	20' Electric, Scissor Platform Lift	771.98	
		For >6 Months (>26 Weeks), Deduct	*-30.88*	
01 22 23 00-0058	DAY	25' Electric, Scissor Platform Lift	249.29	
		For Half Day Usage, Deduct	*-77.90*	
01 22 23 00-0059	WK	25' Electric, Scissor Platform Lift	498.57	
01 22 23 00-0060	MO	25' Electric, Scissor Platform Lift	1,069.52	
		For >6 Months (>26 Weeks), Deduct	*-42.78*	
01 22 23 00-0061	DAY	30' Electric, Scissor Platform Lift	321.66	
		For Half Day Usage, Deduct	*-100.52*	
01 22 23 00-0062	WK	30' Electric, Scissor Platform Lift	635.28	
01 22 23 00-0063	MO	30' Electric, Scissor Platform Lift	1,407.26	
		For >6 Months (>26 Weeks), Deduct	*-56.29*	
01 22 23 00-0064	DAY	33' Electric, Scissor Platform Lift	345.78	
		For Half Day Usage, Deduct	*-108.06*	
01 22 23 00-0065	WK	33' Electric, Scissor Platform Lift	675.49	
01 22 23 00-0066	MO	33' Electric, Scissor Platform Lift	1,527.88	
		For >6 Months (>26 Weeks), Deduct	*-61.12*	
01 22 23 00-0067	DAY	40' Electric, Scissor Platform Lift	450.32	
		For Half Day Usage, Deduct	*-140.73*	
01 22 23 00-0068	WK	40' Electric, Scissor Platform Lift	1,117.77	
01 22 23 00-0069	MO	40' Electric, Scissor Platform Lift	3,112.06	
		For >6 Months (>26 Weeks), Deduct	*-124.48*	

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

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

01 22 23 00-0071	DAY	25' Engine Powered, Scissor Platform Lift	430.13	
		For Half Day Usage, Deduct	*-134.42*	
		For Four-Wheel Drive, Add	*86.03*	
01 22 23 00-0072	WK	25' Engine Powered, Scissor Platform Lift	841.15	
		For Four-Wheel Drive, Add	*168.23*	
01 22 23 00-0073	MO	25' Engine Powered, Scissor Platform Lift	2,055.08	
		For Four-Wheel Drive, Add	*411.02*	
		For >6 Months (>26 Weeks), Deduct	*-82.20*	
01 22 23 00-0074	DAY	33' Engine Powered, Scissor Platform Lift	439.69	
		For Half Day Usage, Deduct	*-137.40*	
		For Four-Wheel Drive, Add	*87.94*	
01 22 23 00-0075	WK	33' Engine Powered, Scissor Platform Lift	1,003.64	
		For Four-Wheel Drive, Add	*200.73*	
01 22 23 00-0076	MO	33' Engine Powered, Scissor Platform Lift	2,198.46	
		For Four-Wheel Drive, Add	*439.69*	
		For >6 Months (>26 Weeks), Deduct	*-87.94*	
01 22 23 00-0077	DAY	40' Engine Powered, Scissor Platform Lift	487.48	
		For Half Day Usage, Deduct	*-152.34*	
		For Four-Wheel Drive, Add	*97.50*	
01 22 23 00-0078	WK	40' Engine Powered, Scissor Platform Lift	1,118.34	
		For Four-Wheel Drive, Add	*223.67*	
01 22 23 00-0079	MO	40' Engine Powered, Scissor Platform Lift	2,485.21	
		For Four-Wheel Drive, Add	*497.04*	
		For >6 Months (>26 Weeks), Deduct	*-99.41*	
01 22 23 00-0080	DAY	43' Engine Powered, Scissor Platform Lift	516.16	
		For Half Day Usage, Deduct	*-161.30*	
		For Four-Wheel Drive, Add	*103.23*	
01 22 23 00-0081	WK	43' Engine Powered, Scissor Platform Lift	1,204.37	
		For Four-Wheel Drive, Add	*240.87*	
01 22 23 00-0082	MO	43' Engine Powered, Scissor Platform Lift	2,963.14	
		For Four-Wheel Drive, Add	*592.63*	
		For >6 Months (>26 Weeks), Deduct	*-118.53*	
01 22 23 00-0083	DAY	50' Engine Powered, Scissor Platform Lift	965.41	
		For Half Day Usage, Deduct	*-301.69*	
		For Four-Wheel Drive, Add	*193.08*	
01 22 23 00-0084	WK	50' Engine Powered, Scissor Platform Lift	2,121.99	
		For Four-Wheel Drive, Add	*424.40*	
01 22 23 00-0085	MO	50' Engine Powered, Scissor Platform Lift	5,218.94	
		For Four-Wheel Drive, Add	*1,043.79*	
		For >6 Months (>26 Weeks), Deduct	*-208.76*	

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

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

01 22 23 00-0087	DAY	24', Push-Type, Electric Single Man Personnel Lift	138.16	
		For Half Day Usage, Deduct	*-43.18*	
01 22 23 00-0088	WK	24', Push-Type, Electric Single Man Personnel Lift	391.45	
01 22 23 00-0089	MO	24', Push-Type, Electric Single Man Personnel Lift	790.58	
		For >6 Months (>26 Weeks), Deduct	*-31.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0090	DAY	30', Push-Type, Electric Single Man Personnel Lift	191.89	
		For Half Day Usage, Deduct	*-59.97*	
01 22 23 00-0091	WK	30', Push-Type, Electric Single Man Personnel Lift	406.80	
01 22 23 00-0092	MO	30', Push-Type, Electric Single Man Personnel Lift	1,381.59	
		For >6 Months (>26 Weeks), Deduct	*-55.26*	
01 22 23 00-0093	DAY	36', Push-Type, Electric Single Man Personnel Lift	322.37	
		For Half Day Usage, Deduct	*-100.74*	
01 22 23 00-0094	WK	36', Push-Type, Electric Single Man Personnel Lift	782.90	
01 22 23 00-0095	MO	36', Push-Type, Electric Single Man Personnel Lift	2,287.30	
		For >6 Months (>26 Weeks), Deduct	*-91.49*	
01 22 23 00-0096	DAY	40', Push-Type, Electric Single Man Personnel Lift	345.40	
		For Half Day Usage, Deduct	*-107.94*	
01 22 23 00-0097	WK	40', Push-Type, Electric Single Man Personnel Lift	859.66	
01 22 23 00-0098	MO	40', Push-Type, Electric Single Man Personnel Lift	2,586.64	
		For >6 Months (>26 Weeks), Deduct	*-103.47*	
01 22 23 00-0099	DAY	15', Self-Propelled, Electric Single Man Personnel Lift	184.21	
		For Half Day Usage, Deduct	*-57.57*	
01 22 23 00-0100	WK	15', Self-Propelled, Electric Single Man Personnel Lift	368.42	
01 22 23 00-0101	MO	15', Self-Propelled, Electric Single Man Personnel Lift	736.85	
		For >6 Months (>26 Weeks), Deduct	*-29.47*	
01 22 23 00-0102	DAY	20', Self-Propelled, Electric Single Man Personnel Lift	184.21	
		For Half Day Usage, Deduct	*-57.57*	
01 22 23 00-0103	WK	20', Self-Propelled, Electric Single Man Personnel Lift	368.42	
01 22 23 00-0104	MO	20', Self-Propelled, Electric Single Man Personnel Lift	766.01	
		For >6 Months (>26 Weeks), Deduct	*-30.64*	

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

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

01 22 23 00-0106	DAY	29' To 33' Bucket Truck With Full-Time Operator	1,366.29	
		For Equipment Without Operator, Deduct	*-765.36*	
		For Half Day Usage, Deduct	*-570.47*	
01 22 23 00-0107	WK	29' To 33' Bucket Truck With Full-Time Operator	5,629.58	
		For Equipment Without Operator, Deduct	*-3,826.79*	
01 22 23 00-0108	MO	29' To 33' Bucket Truck With Full-Time Operator	21,171.67	
		For Equipment Without Operator, Deduct	*-16,582.75*	
		For >6 Months (>26 Weeks), Deduct	*-183.56*	
01 22 23 00-0109	DAY	38' To 41' Bucket Truck With Full-Time Operator	1,442.77	
		For Equipment Without Operator, Deduct	*-765.36*	
		For Half Day Usage, Deduct	*-594.37*	
01 22 23 00-0110	WK	38' To 41' Bucket Truck With Full-Time Operator	5,875.41	
		For Equipment Without Operator, Deduct	*-3,826.79*	
01 22 23 00-0111	MO	38' To 41' Bucket Truck With Full-Time Operator	21,827.23	
		For Equipment Without Operator, Deduct	*-16,582.75*	
		For >6 Months (>26 Weeks), Deduct	*-209.78*	
01 22 23 00-0112	DAY	45' To 48' Bucket Truck With Full-Time Operator	1,639.44	
		For Equipment Without Operator, Deduct	*-765.36*	
		For Half Day Usage, Deduct	*-655.83*	
01 22 23 00-0113	WK	45' To 48' Bucket Truck With Full-Time Operator	6,230.51	
		For Equipment Without Operator, Deduct	*-3,826.79*	
01 22 23 00-0114	MO	45' To 48' Bucket Truck With Full-Time Operator	22,592.05	
		For Equipment Without Operator, Deduct	*-16,582.75*	
		For >6 Months (>26 Weeks), Deduct	*-240.37*	
01 22 23 00-0115	DAY	62' Bucket Truck With Full-Time Operator	2,076.48	
		For Equipment Without Operator, Deduct	*-765.36*	
		For Half Day Usage, Deduct	*-792.41*	
01 22 23 00-0116	WK	62' Bucket Truck With Full-Time Operator	7,650.89	
		For Equipment Without Operator, Deduct	*-3,826.79*	
01 22 23 00-0117	MO	62' Bucket Truck With Full-Time Operator	26,416.15	
		For Equipment Without Operator, Deduct	*-16,582.75*	
		For >6 Months (>26 Weeks), Deduct	*-393.34*	
01 22 23 00-0118	DAY	85' Bucket Truck With Full-Time Operator	2,295.00	
		For Equipment Without Operator, Deduct	*-765.36*	
		For Half Day Usage, Deduct	*-860.69*	
01 22 23 00-0119	WK	85' Bucket Truck With Full-Time Operator	8,415.71	
		For Equipment Without Operator, Deduct	*-3,826.79*	
01 22 23 00-0120	MO	85' Bucket Truck With Full-Time Operator	29,147.65	
		For Equipment Without Operator, Deduct	*-16,582.75*	
		For >6 Months (>26 Weeks), Deduct	*-502.60*	
01 22 23 00-0121	Day	105' Bucket Truck With Full-Time Operator	2,404.26	
		For Equipment Without Operator, Deduct	*-765.36*	
		For Half Day Usage, Deduct	*-894.84*	
01 22 23 00-0122	WK	105' Bucket Truck With Full-Time Operator	8,743.49	
		For Equipment Without Operator, Deduct	*-3,826.79*	
01 22 23 00-0123	MO	105' Bucket Truck With Full-Time Operator	29,409.87	
		For Equipment Without Operator, Deduct	*-16,582.75*	
		For >6 Months (>26 Weeks), Deduct	*-513.08*	

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

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

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

01 22 23 00-0126	DAY	100 CFM Diesel Powered Portable Air Compressor	178.70	
		For Half Day Usage, Deduct	*-55.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0127	WK	100 CFM Diesel Powered Portable Air Compressor	536.08	
01 22 23 00-0128	MO	100 CFM Diesel Powered Portable Air Compressor	1,489.12	
		For >6 Months (>26 Weeks), Deduct	*-59.56*	
01 22 23 00-0129	DAY	130 CFM Diesel Powered Portable Air Compressor	214.43	
		For Half Day Usage, Deduct	*-67.01*	
01 22 23 00-0130	WK	130 CFM Diesel Powered Portable Air Compressor	631.39	
01 22 23 00-0131	MO	130 CFM Diesel Powered Portable Air Compressor	1,786.95	
		For >6 Months (>26 Weeks), Deduct	*-71.48*	
01 22 23 00-0132	DAY	185 CFM Diesel Powered Portable Air Compressor	285.91	
		For Half Day Usage, Deduct	*-89.35*	
01 22 23 00-0133	WK	185 CFM Diesel Powered Portable Air Compressor	643.30	
01 22 23 00-0134	MO	185 CFM Diesel Powered Portable Air Compressor	1,417.65	
		For >6 Months (>26 Weeks), Deduct	*-56.71*	
01 22 23 00-0135	DAY	375 CFM Diesel Powered Portable Air Compressor	405.04	
		For Half Day Usage, Deduct	*-126.58*	
01 22 23 00-0136	WK	375 CFM Diesel Powered Portable Air Compressor	1,024.52	
01 22 23 00-0137	MO	375 CFM Diesel Powered Portable Air Compressor	2,442.16	
		For >6 Months (>26 Weeks), Deduct	*-97.69*	
01 22 23 00-0138	DAY	600 CFM Diesel Powered Portable Air Compressor	900.62	
		For Half Day Usage, Deduct	*-281.44*	
01 22 23 00-0139	WK	600 CFM Diesel Powered Portable Air Compressor	2,168.17	
01 22 23 00-0140	MO	600 CFM Diesel Powered Portable Air Compressor	5,403.74	
		For >6 Months (>26 Weeks), Deduct	*-216.15*	
01 22 23 00-0141	DAY	750 CFM Diesel Powered Portable Air Compressor	1,084.08	
		For Half Day Usage, Deduct	*-338.78*	
01 22 23 00-0142	WK	750 CFM Diesel Powered Portable Air Compressor	2,668.51	
01 22 23 00-0143	MO	750 CFM Diesel Powered Portable Air Compressor	6,552.15	
		For >6 Months (>26 Weeks), Deduct	*-262.09*	
01 22 23 00-0144	DAY	825 CFM Diesel Powered Portable Air Compressor	1,084.08	
		For Half Day Usage, Deduct	*-338.78*	
01 22 23 00-0145	WK	825 CFM Diesel Powered Portable Air Compressor	2,668.51	
01 22 23 00-0146	MO	825 CFM Diesel Powered Portable Air Compressor	6,552.15	
		For >6 Months (>26 Weeks), Deduct	*-262.09*	
01 22 23 00-0147	DAY	1,300 CFM Diesel Powered Portable Air Compressor	1,262.78	
		For Half Day Usage, Deduct	*-394.62*	
01 22 23 00-0148	WK	1,300 CFM Diesel Powered Portable Air Compressor	2,830.53	
01 22 23 00-0149	MO	1,300 CFM Diesel Powered Portable Air Compressor	7,548.08	
		For >6 Months (>26 Weeks), Deduct	*-301.92*	
01 22 23 00-0150	DAY	1,600 CFM Diesel Powered Portable Air Compressor	1,572.52	
		For Half Day Usage, Deduct	*-491.41*	
01 22 23 00-0151	WK	1,600 CFM Diesel Powered Portable Air Compressor	3,538.16	
01 22 23 00-0152	MO	1,600 CFM Diesel Powered Portable Air Compressor	9,435.10	
		For >6 Months (>26 Weeks), Deduct	*-377.40*	

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

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

01 22 23 00-0154	DAY	Up To 2,000 CFM, Portable Negative Air Machine	100.59	
		For Half Day Usage, Deduct	*-31.43*	
01 22 23 00-0155	WK	Up To 2,000 CFM, Portable Negative Air Machine	413.15	
01 22 23 00-0156	MO	Up To 2,000 CFM, Portable Negative Air Machine	1,248.43	
		For >6 Months (>26 Weeks), Deduct	*-49.94*	
01 22 23 00-0157	EA	First Stage Pre-Filter For Portable Negative Air Machines	15.12	
01 22 23 00-0158	EA	Second Stage Pre-Filter For Portable Negative Air Machines	30.37	
01 22 23 00-0159	EA	High Efficiency Particulate Air (HEPA) Filter, 99.99% Efficient At 0.3 Micron For Portable Negative Air Machines	142.76	
01 22 23 00-0160	LF	Flexible Exhaust Duct For Portable Negative Air Machines	2.61	

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

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

01 22 23 00-0162	DAY	Up To 1,000 CFM, Portable Air Scrubber	66.63	
		For Half Day Usage, Deduct	*-20.82*	
01 22 23 00-0163	WK	Up To 1,000 CFM, Portable Air Scrubber	276.97	
01 22 23 00-0164	MO	Up To 1,000 CFM, Portable Air Scrubber	766.67	
		For >6 Months (>26 Weeks), Deduct	*-30.67*	
01 22 23 00-0165	DAY	>1,000 to 2,000 CFM, Portable Air Scrubber	84.29	
		For Half Day Usage, Deduct	*-26.34*	
01 22 23 00-0166	WK	>1,000 to 2,000 CFM, Portable Air Scrubber	349.22	
01 22 23 00-0167	MO	>1,000 to 2,000 CFM, Portable Air Scrubber	1,023.57	
		For >6 Months (>26 Weeks), Deduct	*-40.94*	
01 22 23 00-0168	DAY	>2,000 To 5,000 CFM, Portable Air Scrubber	108.38	
		For Half Day Usage, Deduct	*-33.87*	
01 22 23 00-0169	WK	>2,000 To 5,000 CFM, Portable Air Scrubber	461.61	
01 22 23 00-0170	MO	>2,000 To 5,000 CFM, Portable Air Scrubber	1,292.51	
		For >6 Months (>26 Weeks), Deduct	*-51.70*	
01 22 23 00-0171	EA	First Stage Pre-Filter For Portable Air Scrubbers	19.93	
01 22 23 00-0172	EA	Second Stage Pre-Filter For Portable Air Scrubbers	26.36	
01 22 23 00-0173	EA	High Efficiency Particulate Air (HEPA) Filter, 99.99% Efficient At 0.3 Micron For Portable Air Scrubbers	239.10	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0174		Compaction And Paving Equipment *(01 22 23)*			
01 22 23 00-0175		Steel Roadway Plates *(01 22 23 00-0174)*			
		Note: 3 day minimum. Excludes delivery to job site and pick-up when complete. See CSI section 01 22 23 00-0176 for for placement (set-up) from truck and removal from ground (load on truck), 01 71 13 00-0001 for material delivery on truck.			
01 22 23 00-0176	EA	Placement And Removal Of Steel Roadway Plates		61.80	
01 22 23 00-0177	DAY	1" x 4' x 8' Steel Plate		44.88	
01 22 23 00-0178	WK	1" x 4' x 8' Steel Plate		105.98	
01 22 23 00-0179	MO	1" x 4' x 8' Steel Plate		139.47	
		For >6 Months (>26 Weeks), Deduct		*-5.58*	
01 22 23 00-0180	DAY	1" x 4' x 10' Steel Plate		59.85	
01 22 23 00-0181	WK	1" x 4' x 10' Steel Plate		134.65	
01 22 23 00-0182	MO	1" x 4' x 10' Steel Plate		164.58	
		For >6 Months (>26 Weeks), Deduct		*-6.58*	
01 22 23 00-0183	DAY	1" x 5' x 10' Steel Plate		62.34	
01 22 23 00-0184	WK	1" x 5' x 10' Steel Plate		140.89	
01 22 23 00-0185	MO	1" x 5' x 10' Steel Plate		374.04	
		For >6 Months (>26 Weeks), Deduct		*-14.96*	
01 22 23 00-0186	DAY	1" x 6' x 8' Steel Plate		39.90	
01 22 23 00-0187	WK	1" x 6' x 8' Steel Plate		89.77	
01 22 23 00-0188	MO	1" x 6' x 8' Steel Plate		239.39	
		For >6 Months (>26 Weeks), Deduct		*-9.58*	
01 22 23 00-0189	DAY	1" x 6' x 10' Steel Plate		74.81	
01 22 23 00-0190	WK	1" x 6' x 10' Steel Plate		98.50	
01 22 23 00-0191	MO	1" x 6' x 10' Steel Plate		263.07	
		For >6 Months (>26 Weeks), Deduct		*-10.52*	
01 22 23 00-0192	DAY	1" x 6' x 12' Steel Plate		104.73	
01 22 23 00-0193	WK	1" x 6' x 12' Steel Plate		134.03	
01 22 23 00-0194	MO	1" x 6' x 12' Steel Plate		362.82	
		For >6 Months (>26 Weeks), Deduct		*-14.51*	
01 22 23 00-0195	DAY	1" x 8' x 10' Steel Plate		66.08	
01 22 23 00-0196	WK	1" x 8' x 10' Steel Plate		148.37	
01 22 23 00-0197	MO	1" x 8' x 10' Steel Plate		395.24	
		For >6 Months (>26 Weeks), Deduct		*-15.81*	
01 22 23 00-0198	DAY	1" x 8' x 12' Steel Plate		119.69	
01 22 23 00-0199	WK	1" x 8' x 12' Steel Plate		148.37	
01 22 23 00-0200	MO	1" x 8' x 12' Steel Plate		718.16	
		For >6 Months (>26 Weeks), Deduct		*-28.73*	
01 22 23 00-0201	DAY	1" x 8' x 16' Steel Plate		159.59	
01 22 23 00-0202	WK	1" x 8' x 16' Steel Plate		359.08	
01 22 23 00-0203	MO	1" x 8' x 16' Steel Plate		957.54	
		For >6 Months (>26 Weeks), Deduct		*-38.30*	
01 22 23 00-0204	LF	Cold Mix For Temporary Ramp Base, 6" At Edge Of Trench Plate		2.78	1.25
01 22 23 00-0205	EA	Removal And Resetting Of Steel Roadway Plate		34.33	
01 22 23 00-0206		Street Sweepers *(01 22 23 00-0174)*			
		Note: Includes full-time operator. Excludes delivery, set-up, and removal.			
01 22 23 00-0207	DAY	8' Road Broom, Self Propelled Street Sweeper With Full-Time Operator		1,184.83	
		For Half Day Usage, Deduct		*-555.10*	
		For Equipment Without Operator, Deduct		*-985.82*	
01 22 23 00-0208	WK	8' Road Broom, Self Propelled Street Sweeper With Full-Time Operator		5,717.72	
		For Equipment Without Operator, Deduct		*-4,929.12*	
01 22 23 00-0209	MO	8' Road Broom, Self Propelled Street Sweeper With Full-Time Operator		24,169.13	
		For Equipment Without Operator, Deduct		*-21,359.52*	
		For >6 Months (>26 Weeks), Deduct		*-112.38*	
01 22 23 00-0210	DAY	Self-Propelled Street Sweeper With Hopper And Full-Time Operator		2,564.57	
		Note: Truck with main and gutter brooms, elevator, debris hopper and water tank.			
		For Half Day Usage, Deduct		*-986.27*	
		For Equipment Without Operator, Deduct		*-985.82*	
01 22 23 00-0211	WK	Self-Propelled Street Sweeper With Hopper And Full-Time Operator		11,252.83	
		Note: Truck with main and gutter brooms, elevator, debris hopper and water tank.			
		For Equipment Without Operator, Deduct		*-4,929.12*	
01 22 23 00-0212	MO	Self-Propelled Street Sweeper With Hopper And Full-Time Operator		43,927.31	
		Note: Truck with main and gutter brooms, elevator, debris hopper and water tank.			
		For Equipment Without Operator, Deduct		*-21,359.52*	
		For >6 Months (>26 Weeks), Deduct		*-902.71*	
01 22 23 00-0213		Earthmoving Equipment *(01 22 23)*			
01 22 23 00-0214		Skid-Steer Loaders *(01 22 23 00-0213)*			
		Note: Includes full-time operator and combination bucket and dozer blade attachments. Add extra attachments where necessary. Excludes delivery, set-up, and removal.			
01 22 23 00-0215	DAY	700 Lb. Capacity, 36" Wide, Skid-Steer Loader With Full-Time Operator		1,438.44	
		For Half Day Usage, Deduct		*-634.35*	
		For Equipment Without Operator, Deduct		*-985.82*	
01 22 23 00-0216	WK	700 Lb. Capacity, 36" Wide, Skid-Steer Loader With Full-Time Operator		6,116.53	
		For Equipment Without Operator, Deduct		*-4,929.12*	
01 22 23 00-0217	MO	700 Lb. Capacity, 36" Wide, Skid-Steer Loader With Full-Time Operator		24,219.16	
		For Equipment Without Operator, Deduct		*-21,359.52*	
		For >6 Months (>26 Weeks), Deduct		*-114.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0218	DAY	1,500 To 1,700 Lb. Capacity, 60" Wide, Skid-Steer Loader With Full-Time Operator	1,557.75	
		For Half Day Usage, Deduct	*-671.64*	
		For Equipment Without Operator, Deduct	*-985.82*	
01 22 23 00-0219	WK	1,500 To 1,700 Lb. Capacity, 60" Wide, Skid-Steer Loader With Full-Time Operator	6,332.43	
		For Equipment Without Operator, Deduct	*-4,929.12*	
01 22 23 00-0220	MO	1,500 To 1,700 Lb. Capacity, 60" Wide, Skid-Steer Loader With Full-Time Operator	24,692.61	
		For Equipment Without Operator, Deduct	*-21,359.52*	
		For >6 Months (>26 Weeks), Deduct	*-133.32*	
01 22 23 00-0221	DAY	2,000 To 2,400 Lb. Capacity, 72" Wide, Skid-Steer Loader With Full-Time Operator	1,591.84	
		For Half Day Usage, Deduct	*-682.29*	
		For Equipment Without Operator, Deduct	*-985.82*	
01 22 23 00-0222	WK	2,000 To 2,400 Lb. Capacity, 72" Wide, Skid-Steer Loader With Full-Time Operator	6,643.01	
		For Equipment Without Operator, Deduct	*-4,929.12*	
01 22 23 00-0223	MO	2,000 To 2,400 Lb. Capacity, 72" Wide, Skid-Steer Loader With Full-Time Operator	25,516.41	
		For Equipment Without Operator, Deduct	*-21,359.52*	
		For >6 Months (>26 Weeks), Deduct	*-166.28*	
01 22 23 00-0224	DAY	2,500 To 2,700 Lb. Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator	1,724.40	
		For Half Day Usage, Deduct	*-723.72*	
		For Equipment Without Operator, Deduct	*-985.82*	
01 22 23 00-0225	WK	2,500 To 2,700 Lb. Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator	7,078.58	
		For Equipment Without Operator, Deduct	*-4,929.12*	
01 22 23 00-0226	MO	2,500 To 2,700 Lb. Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator	26,955.70	
		For Equipment Without Operator, Deduct	*-21,359.52*	
		For >6 Months (>26 Weeks), Deduct	*-223.85*	
01 22 23 00-0227	DAY	3,200 To 3,500 Lb. Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator	1,951.66	
		For Half Day Usage, Deduct	*-794.74*	
		For Equipment Without Operator, Deduct	*-985.82*	
01 22 23 00-0228	WK	3,200 To 3,500 Lb. Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator	7,940.26	
		For Equipment Without Operator, Deduct	*-4,929.12*	
01 22 23 00-0229	MO	3,200 To 3,500 Lb. Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator	29,076.76	
		For Equipment Without Operator, Deduct	*-21,359.52*	
		For >6 Months (>26 Weeks), Deduct	*-308.69*	
01 22 23 00-0230	DAY	Hydraulic Hammer Attachment For Skid-Steer Loaders	378.76	
		For Half Day Usage, Deduct	*-118.36*	
01 22 23 00-0231	WK	Hydraulic Hammer Attachment For Skid-Steer Loaders	1,259.38	
01 22 23 00-0232	MO	Hydraulic Hammer Attachment For Skid-Steer Loaders	3,352.03	
		For >6 Months (>26 Weeks), Deduct	*-134.08*	
01 22 23 00-0233	DAY	Forklift Attachment For Skid-Steer Loaders	81.43	
		For Half Day Usage, Deduct	*-25.45*	
01 22 23 00-0234	WK	Forklift Attachment For Skid-Steer Loaders	217.79	
01 22 23 00-0235	MO	Forklift Attachment For Skid-Steer Loaders	615.48	
		For >6 Months (>26 Weeks), Deduct	*-24.62*	
01 22 23 00-0236	DAY	Backhoe Attachment For Skid-Steer Loaders	179.91	
		For Half Day Usage, Deduct	*-56.22*	
01 22 23 00-0237	WK	Backhoe Attachment For Skid-Steer Loaders	431.79	
01 22 23 00-0238	MO	Backhoe Attachment For Skid-Steer Loaders	1,073.78	
		For >6 Months (>26 Weeks), Deduct	*-42.95*	
01 22 23 00-0239	DAY	Broom Attachment For Skid-Steer Loaders	178.02	
		For Half Day Usage, Deduct	*-55.63*	
01 22 23 00-0240	WK	Broom Attachment For Skid-Steer Loaders	482.92	
01 22 23 00-0241	MO	Broom Attachment For Skid-Steer Loaders	1,278.32	
		For >6 Months (>26 Weeks), Deduct	*-51.13*	
01 22 23 00-0242	DAY	Auger Attachment (Excludes Bits And Extensions) For Skid-Steer Loaders	155.29	
		For Half Day Usage, Deduct	*-48.53*	
01 22 23 00-0243	WK	Auger Attachment (Excludes Bits And Extensions) For Skid-Steer Loaders	428.00	
01 22 23 00-0244	MO	Auger Attachment (Excludes Bits And Extensions) For Skid-Steer Loaders	1,168.47	
		For >6 Months (>26 Weeks), Deduct	*-46.74*	
01 22 23 00-0245	DAY	Up To 18" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	42.80	
		For Half Day Usage, Deduct	*-13.38*	
01 22 23 00-0246	WK	Up To 18" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	111.98	
01 22 23 00-0247	MO	Up To 18" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	329.35	
		For >6 Months (>26 Weeks), Deduct	*-13.17*	
01 22 23 00-0248	DAY	>18" To 48" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	57.63	
		For Half Day Usage, Deduct	*-18.01*	
01 22 23 00-0249	WK	>18" To 48" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	143.27	
01 22 23 00-0250	MO	>18" To 48" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	428.17	
		For >6 Months (>26 Weeks), Deduct	*-17.13*	
01 22 23 00-0251	DAY	Up To 24" Diameter, 4' Length, Rock Tip Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	83.97	
		For Half Day Usage, Deduct	*-26.24*	
01 22 23 00-0252	WK	Up To 24" Diameter, 4' Length, Rock Tip Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	255.27	
01 22 23 00-0253	MO	Up To 24" Diameter, 4' Length, Rock Tip Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	757.52	
		For >6 Months (>26 Weeks), Deduct	*-30.30*	
01 22 23 00-0254	DAY	2' Length, Auger Bit Extension For Skid-Steer Mounted Augers (Excludes Auger)	17.04	
		For Half Day Usage, Deduct	*-5.33*	
01 22 23 00-0255	WK	2' Length, Auger Bit Extension For Skid-Steer Mounted Augers (Excludes Auger)	39.77	
01 22 23 00-0256	MO	2' Length, Auger Bit Extension For Skid-Steer Mounted Augers (Excludes Auger)	106.05	
		For >6 Months (>26 Weeks), Deduct	*-4.24*	

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

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

01 22 23 00-0258	DAY	70 HP, D3 Bulldozer With Full-Time Operator	1,395.70	
		For Half Day Usage, Deduct	*-621.72*	
		For Equipment Without Operator, Deduct	*-989.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0259	WK	70 HP, D3 Bulldozer With Full-Time Operator	6,549.52	
		For Equipment Without Operator, Deduct	*-4,948.37*	
01 22 23 00-0260	MO	70 HP, D3 Bulldozer With Full-Time Operator	26,192.75	
		For Equipment Without Operator, Deduct	*-21,442.93*	
		For >6 Months (>26 Weeks), Deduct	*-189.99*	
01 22 23 00-0261	DAY	90 To 105 HP, D4 Or D5 Bulldozer With Full-Time Operator	1,587.23	
		For Half Day Usage, Deduct	*-681.57*	
		For Equipment Without Operator, Deduct	*-989.67*	
01 22 23 00-0262	WK	90 To 105 HP, D4 Or D5 Bulldozer With Full-Time Operator	7,323.28	
		For Equipment Without Operator, Deduct	*-4,948.37*	
01 22 23 00-0263	MO	90 To 105 HP, D4 Or D5 Bulldozer With Full-Time Operator	28,567.66	
		For Equipment Without Operator, Deduct	*-21,442.93*	
		For >6 Months (>26 Weeks), Deduct	*-284.99*	
01 22 23 00-0264	DAY	140 HP, D6 Bulldozer With Full-Time Operator	2,131.16	
		For Half Day Usage, Deduct	*-851.55*	
		For Equipment Without Operator, Deduct	*-989.67*	
01 22 23 00-0265	WK	140 HP, D6 Bulldozer With Full-Time Operator	9,499.00	
		For Equipment Without Operator, Deduct	*-4,948.37*	
01 22 23 00-0266	MO	140 HP, D6 Bulldozer With Full-Time Operator	35,079.51	
		For Equipment Without Operator, Deduct	*-21,442.93*	
		For >6 Months (>26 Weeks), Deduct	*-545.46*	
01 22 23 00-0267	DAY	200 HP, D7 Bulldozer With Full-Time Operator	2,613.80	
		For Half Day Usage, Deduct	*-1,002.38*	
		For Equipment Without Operator, Deduct	*-989.67*	
01 22 23 00-0268	WK	200 HP, D7 Bulldozer With Full-Time Operator	11,437.24	
		For Equipment Without Operator, Deduct	*-4,948.37*	
01 22 23 00-0269	MO	200 HP, D7 Bulldozer With Full-Time Operator	40,901.87	
		For Equipment Without Operator, Deduct	*-21,442.93*	
		For >6 Months (>26 Weeks), Deduct	*-778.36*	
01 22 23 00-0270	DAY	335 HP, D8 Bulldozer With Full-Time Operator	3,188.38	
		For Half Day Usage, Deduct	*-1,181.93*	
		For Equipment Without Operator, Deduct	*-989.67*	
01 22 23 00-0271	WK	335 HP, D8 Bulldozer With Full-Time Operator	13,735.54	
		For Equipment Without Operator, Deduct	*-4,948.37*	
01 22 23 00-0272	MO	335 HP, D8 Bulldozer With Full-Time Operator	47,796.77	
		For Equipment Without Operator, Deduct	*-21,442.93*	
		For >6 Months (>26 Weeks), Deduct	*-1,054.15*	
01 22 23 00-0273	DAY	460 HP, D9 Bulldozer With Full-Time Operator	3,510.14	
		For Half Day Usage, Deduct	*-1,282.48*	
		For Equipment Without Operator, Deduct	*-989.67*	
01 22 23 00-0274	WK	460 HP, D9 Bulldozer With Full-Time Operator	15,014.92	
		For Equipment Without Operator, Deduct	*-4,948.37*	
01 22 23 00-0275	MO	460 HP, D9 Bulldozer With Full-Time Operator	51,627.27	
		For Equipment Without Operator, Deduct	*-21,442.93*	
		For >6 Months (>26 Weeks), Deduct	*-1,207.37*	

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

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

01 22 23 00-0277	DAY	11 CY Motor Scraper-Hauler With Full-Time Operator	2,332.14	
		For Half Day Usage, Deduct	*-914.36*	
		For Equipment Without Operator, Deduct	*-989.67*	
01 22 23 00-0278	WK	11 CY Motor Scraper-Hauler With Full-Time Operator	10,318.25	
		For Equipment Without Operator, Deduct	*-4,948.37*	
01 22 23 00-0279	MO	11 CY Motor Scraper-Hauler With Full-Time Operator	37,534.18	
		For Equipment Without Operator, Deduct	*-21,442.93*	
		For >6 Months (>26 Weeks), Deduct	*-643.65*	
01 22 23 00-0280	DAY	18 CY Motor Scraper-Hauler With Full-Time Operator	2,874.65	
		For Half Day Usage, Deduct	*-1,083.89*	
		For Equipment Without Operator, Deduct	*-989.67*	
01 22 23 00-0281	WK	18 CY Motor Scraper-Hauler With Full-Time Operator	12,488.27	
		For Equipment Without Operator, Deduct	*-4,948.37*	
01 22 23 00-0282	MO	18 CY Motor Scraper-Hauler With Full-Time Operator	44,062.63	
		For Equipment Without Operator, Deduct	*-21,442.93*	
		For >6 Months (>26 Weeks), Deduct	*-904.79*	
01 22 23 00-0283	DAY	24 CY Motor Scraper-Hauler With Full-Time Operator	3,398.76	
		For Half Day Usage, Deduct	*-1,247.68*	
		For Equipment Without Operator, Deduct	*-989.67*	
01 22 23 00-0284	WK	24 CY Motor Scraper-Hauler With Full-Time Operator	14,575.53	
		For Equipment Without Operator, Deduct	*-4,948.37*	
01 22 23 00-0285	MO	24 CY Motor Scraper-Hauler With Full-Time Operator	50,315.23	
		For Equipment Without Operator, Deduct	*-21,442.93*	
		For >6 Months (>26 Weeks), Deduct	*-1,154.89*	

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

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

01 22 23 00-0287	DAY	3/8 CY Hydraulic Excavator With Full-Time Operator	1,353.06	
		For Half Day Usage, Deduct	*-608.39*	
		For Equipment Without Operator, Deduct	*-989.67*	
01 22 23 00-0288	WK	3/8 CY Hydraulic Excavator With Full-Time Operator	6,233.70	
		For Equipment Without Operator, Deduct	*-4,948.37*	
01 22 23 00-0289	MO	3/8 CY Hydraulic Excavator With Full-Time Operator	25,749.81	
		For Equipment Without Operator, Deduct	*-21,442.93*	
		For >6 Months (>26 Weeks), Deduct	*-172.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0290	DAY	1/2 CY Hydraulic Excavator With Full-Time Operator	1,455.35	
		For Half Day Usage, Deduct	*-640.36*	
		For Equipment Without Operator, Deduct	*-989.67*	
01 22 23 00-0291	WK	1/2 CY Hydraulic Excavator With Full-Time Operator	6,684.58	
		For Equipment Without Operator, Deduct	*-4,948.37*	
01 22 23 00-0292	MO	1/2 CY Hydraulic Excavator With Full-Time Operator	27,553.32	
		For Equipment Without Operator, Deduct	*-21,442.93*	
		For >6 Months (>26 Weeks), Deduct	*-244.42*	
01 22 23 00-0293	DAY	5/8 CY Hydraulic Excavator With Full-Time Operator	1,487.65	
		For Half Day Usage, Deduct	*-650.45*	
		For Equipment Without Operator, Deduct	*-989.67*	
01 22 23 00-0294	WK	5/8 CY Hydraulic Excavator With Full-Time Operator	6,852.82	
		For Equipment Without Operator, Deduct	*-4,948.37*	
01 22 23 00-0295	MO	5/8 CY Hydraulic Excavator With Full-Time Operator	27,849.41	
		For Equipment Without Operator, Deduct	*-21,442.93*	
		For >6 Months (>26 Weeks), Deduct	*-256.26*	
01 22 23 00-0296	DAY	3/4 CY Hydraulic Excavator With Full-Time Operator	1,521.30	
		For Half Day Usage, Deduct	*-660.97*	
		For Equipment Without Operator, Deduct	*-989.67*	
01 22 23 00-0297	WK	3/4 CY Hydraulic Excavator With Full-Time Operator	7,007.60	
		For Equipment Without Operator, Deduct	*-4,948.37*	
01 22 23 00-0298	MO	3/4 CY Hydraulic Excavator With Full-Time Operator	28,145.51	
		For Equipment Without Operator, Deduct	*-21,442.93*	
		For >6 Months (>26 Weeks), Deduct	*-268.10*	
01 22 23 00-0299	DAY	7/8 To 1 CY Hydraulic Excavator With Full-Time Operator	1,548.22	
		For Half Day Usage, Deduct	*-669.38*	
		For Equipment Without Operator, Deduct	*-989.67*	
01 22 23 00-0300	WK	7/8 To 1 CY Hydraulic Excavator With Full-Time Operator	7,169.11	
		For Equipment Without Operator, Deduct	*-4,948.37*	
01 22 23 00-0301	MO	7/8 To 1 CY Hydraulic Excavator With Full-Time Operator	28,441.61	
		For Equipment Without Operator, Deduct	*-21,442.93*	
		For >6 Months (>26 Weeks), Deduct	*-279.95*	
01 22 23 00-0302	DAY	1-1/8 To 1-1/4 CY Hydraulic Excavator With Full-Time Operator	1,911.61	
		For Half Day Usage, Deduct	*-782.94*	
		For Equipment Without Operator, Deduct	*-989.67*	
01 22 23 00-0303	WK	1-1/8 To 1-1/4 CY Hydraulic Excavator With Full-Time Operator	8,615.95	
		For Equipment Without Operator, Deduct	*-4,948.37*	
01 22 23 00-0304	MO	1-1/8 To 1-1/4 CY Hydraulic Excavator With Full-Time Operator	32,445.66	
		For Equipment Without Operator, Deduct	*-21,442.93*	
		For >6 Months (>26 Weeks), Deduct	*-440.11*	
01 22 23 00-0305	DAY	1-3/8 To 1-1/2 CY Hydraulic Excavator With Full-Time Operator	1,965.45	
		For Half Day Usage, Deduct	*-799.77*	
		For Equipment Without Operator, Deduct	*-989.67*	
01 22 23 00-0306	WK	1-3/8 To 1-1/2 CY Hydraulic Excavator With Full-Time Operator	8,851.48	
		For Equipment Without Operator, Deduct	*-4,948.37*	
01 22 23 00-0307	MO	1-3/8 To 1-1/2 CY Hydraulic Excavator With Full-Time Operator	33,152.26	
		For Equipment Without Operator, Deduct	*-21,442.93*	
		For >6 Months (>26 Weeks), Deduct	*-468.37*	
01 22 23 00-0308	DAY	1-5/8 To 1-7/8 CY Hydraulic Excavator With Full-Time Operator	2,066.39	
		For Half Day Usage, Deduct	*-831.31*	
		For Equipment Without Operator, Deduct	*-989.67*	
01 22 23 00-0309	WK	1-5/8 To 1-7/8 CY Hydraulic Excavator With Full-Time Operator	9,255.25	
		For Equipment Without Operator, Deduct	*-4,948.37*	
01 22 23 00-0310	MO	1-5/8 To 1-7/8 CY Hydraulic Excavator With Full-Time Operator	34,363.57	
		For Equipment Without Operator, Deduct	*-21,442.93*	
		For >6 Months (>26 Weeks), Deduct	*-516.83*	
01 22 23 00-0311	DAY	2 To 2-3/8 CY Hydraulic Excavator With Full-Time Operator	2,180.79	
		For Half Day Usage, Deduct	*-867.06*	
		For Equipment Without Operator, Deduct	*-989.67*	
01 22 23 00-0312	WK	2 To 2-3/8 CY Hydraulic Excavator With Full-Time Operator	9,706.13	
		For Equipment Without Operator, Deduct	*-4,948.37*	
01 22 23 00-0313	MO	2 To 2-3/8 CY Hydraulic Excavator With Full-Time Operator	35,709.47	
		For Equipment Without Operator, Deduct	*-21,442.93*	
		For >6 Months (>26 Weeks), Deduct	*-570.66*	
01 22 23 00-0314	DAY	2-1/2 To 2-7/8 CY Hydraulic Excavator With Full-Time Operator	2,214.44	
		For Half Day Usage, Deduct	*-877.58*	
		For Equipment Without Operator, Deduct	*-989.67*	
01 22 23 00-0315	WK	2-1/2 To 2-7/8 CY Hydraulic Excavator With Full-Time Operator	9,840.72	
		For Equipment Without Operator, Deduct	*-4,948.37*	
01 22 23 00-0316	MO	2-1/2 To 2-7/8 CY Hydraulic Excavator With Full-Time Operator	36,113.24	
		For Equipment Without Operator, Deduct	*-21,442.93*	
		For >6 Months (>26 Weeks), Deduct	*-586.81*	
01 22 23 00-0317	DAY	3 To 3-3/4 CY Hydraulic Excavator With Full-Time Operator	2,537.45	
		For Half Day Usage, Deduct	*-978.52*	
		For Equipment Without Operator, Deduct	*-989.67*	
01 22 23 00-0318	WK	3 To 3-3/4 CY Hydraulic Excavator With Full-Time Operator	11,139.51	
		For Equipment Without Operator, Deduct	*-4,948.37*	
01 22 23 00-0319	MO	3 To 3-3/4 CY Hydraulic Excavator With Full-Time Operator	40,016.35	
		For Equipment Without Operator, Deduct	*-21,442.93*	
		For >6 Months (>26 Weeks), Deduct	*-742.94*	
01 22 23 00-0320	DAY	4 To 5-3/4 CY Hydraulic Excavator With Full-Time Operator	3,001.79	
		For Half Day Usage, Deduct	*-1,123.62*	
		For Equipment Without Operator, Deduct	*-989.67*	
01 22 23 00-0321	WK	4 To 5-3/4 CY Hydraulic Excavator With Full-Time Operator	12,983.39	
		For Equipment Without Operator, Deduct	*-4,948.37*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0322	MO	4 To 5-3/4 CY Hydraulic Excavator With Full-Time Operator	45,534.54	
		For Equipment Without Operator, Deduct	*-21,442.93*	
		For >6 Months (>26 Weeks), Deduct	*-963.66*	
01 22 23 00-0323	DAY	Thumbs Or Grapple Attachment For Hydraulic Excavators	94.21	
		For Half Day Usage, Deduct	*-29.44*	
01 22 23 00-0324	WK	Thumbs Or Grapple Attachment For Hydraulic Excavators	363.39	
01 22 23 00-0325	MO	Thumbs Or Grapple Attachment For Hydraulic Excavators	1,076.72	
		For >6 Months (>26 Weeks), Deduct	*-43.07*	
01 22 23 00-0326	DAY	1,000 FT-Lb. Hydraulic Hammer Attachment For Hydraulic Excavators	417.23	
		For Half Day Usage, Deduct	*-130.38*	
01 22 23 00-0327	WK	1,000 FT-Lb. Hydraulic Hammer Attachment For Hydraulic Excavators	1,103.64	
01 22 23 00-0328	MO	1,000 FT-Lb. Hydraulic Hammer Attachment For Hydraulic Excavators	3,088.84	
		For >6 Months (>26 Weeks), Deduct	*-123.55*	
01 22 23 00-0329	DAY	1,500 FT-Lb. Hydraulic Hammer Attachment For Hydraulic Excavators	646.03	
		For Half Day Usage, Deduct	*-201.88*	
01 22 23 00-0330	WK	1,500 FT-Lb. Hydraulic Hammer Attachment For Hydraulic Excavators	1,648.73	
01 22 23 00-0331	MO	1,500 FT-Lb. Hydraulic Hammer Attachment For Hydraulic Excavators	4,286.69	
		For >6 Months (>26 Weeks), Deduct	*-171.47*	
01 22 23 00-0332	DAY	3,000 FT-Lb. Hydraulic Hammer Attachment For Hydraulic Excavators	901.75	
		For Half Day Usage, Deduct	*-281.80*	
01 22 23 00-0333	WK	3,000 FT-Lb. Hydraulic Hammer Attachment For Hydraulic Excavators	2,429.35	
01 22 23 00-0334	MO	3,000 FT-Lb. Hydraulic Hammer Attachment For Hydraulic Excavators	6,810.25	
		For >6 Months (>26 Weeks), Deduct	*-272.41*	
01 22 23 00-0335	DAY	24" Compaction Wheel Attachment For Hydraulic Excavators	188.43	
		For Half Day Usage, Deduct	*-58.88*	
01 22 23 00-0336	WK	24" Compaction Wheel Attachment For Hydraulic Excavators	753.70	
01 22 23 00-0337	MO	24" Compaction Wheel Attachment For Hydraulic Excavators	2,261.11	
		For >6 Months (>26 Weeks), Deduct	*-90.44*	
01 22 23 00-0338	DAY	36" Compaction Wheel Attachment For Hydraulic Excavators	269.18	
		For Half Day Usage, Deduct	*-84.12*	
01 22 23 00-0339	WK	36" Compaction Wheel Attachment For Hydraulic Excavators	1,076.72	
01 22 23 00-0340	MO	36" Compaction Wheel Attachment For Hydraulic Excavators	3,230.16	
		For >6 Months (>26 Weeks), Deduct	*-129.21*	
01 22 23 00-0341	DAY	48" Compaction Wheel Attachment For Hydraulic Excavators	296.10	
		For Half Day Usage, Deduct	*-92.53*	
01 22 23 00-0342	WK	48" Compaction Wheel Attachment For Hydraulic Excavators	1,170.93	
01 22 23 00-0343	MO	48" Compaction Wheel Attachment For Hydraulic Excavators	3,499.34	
		For >6 Months (>26 Weeks), Deduct	*-139.97*	

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

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

01 22 23 00-0345	DAY	2,000 Lb. Capacity, Mini-Excavator With Full-Time Operator	1,272.31	
		For Half Day Usage, Deduct	*-583.16*	
		For Equipment Without Operator, Deduct	*-989.67*	
01 22 23 00-0346	WK	2,000 Lb. Capacity, Mini-Excavator With Full-Time Operator	5,749.18	
		For Equipment Without Operator, Deduct	*-4,948.37*	
01 22 23 00-0347	MO	2,000 Lb. Capacity, Capacity, Mini-Excavator With Full-Time Operator	23,206.06	
		For Equipment Without Operator, Deduct	*-21,442.93*	
		For >6 Months (>26 Weeks), Deduct	*-70.53*	
01 22 23 00-0348	DAY	3,500 Lb. Capacity, Mini-Excavator With Full-Time Operator	1,279.04	
		For Half Day Usage, Deduct	*-585.26*	
		For Equipment Without Operator, Deduct	*-989.67*	
01 22 23 00-0349	WK	3,500 Lb. Capacity, Mini-Excavator With Full-Time Operator	5,769.37	
		For Equipment Without Operator, Deduct	*-4,948.37*	
01 22 23 00-0350	MO	3,500 Lb. Capacity, Mini-Excavator With Full-Time Operator	23,630.02	
		For Equipment Without Operator, Deduct	*-21,442.93*	
		For >6 Months (>26 Weeks), Deduct	*-87.48*	
01 22 23 00-0351	DAY	6,000 Lb. Capacity, Mini-Excavator With Full-Time Operator	1,312.69	
		For Half Day Usage, Deduct	*-595.78*	
		For Equipment Without Operator, Deduct	*-989.67*	
01 22 23 00-0352	WK	6,000 Lb. Capacity, Mini-Excavator With Full-Time Operator	5,863.58	
		For Equipment Without Operator, Deduct	*-4,948.37*	
01 22 23 00-0353	MO	6,000 Lb. Capacity, Mini-Excavator With Full-Time Operator	23,690.58	
		For Equipment Without Operator, Deduct	*-21,442.93*	
		For >6 Months (>26 Weeks), Deduct	*-89.91*	
01 22 23 00-0354	DAY	7,500 Lb. Capacity, Mini-Excavator With Full-Time Operator	1,326.15	
		For Half Day Usage, Deduct	*-599.99*	
		For Equipment Without Operator, Deduct	*-989.67*	
01 22 23 00-0355	WK	7,500 Lb. Capacity, Mini-Excavator With Full-Time Operator	5,910.69	
		For Equipment Without Operator, Deduct	*-4,948.37*	
01 22 23 00-0356	MO	7,500 Lb. Capacity, Mini-Excavator With Full-Time Operator	23,717.50	
		For Equipment Without Operator, Deduct	*-21,442.93*	
		For >6 Months (>26 Weeks), Deduct	*-90.98*	
01 22 23 00-0357	DAY	9,500 Lb. Capacity, Mini-Excavator With Full-Time Operator	1,406.90	
		For Half Day Usage, Deduct	*-625.22*	
		For Equipment Without Operator, Deduct	*-989.67*	
01 22 23 00-0358	WK	9,500 Lb. Capacity, Mini-Excavator With Full-Time Operator	5,977.98	
		For Equipment Without Operator, Deduct	*-4,948.37*	
01 22 23 00-0359	MO	9,500 Lb. Capacity, Mini-Excavator With Full-Time Operator	24,498.12	
		For Equipment Without Operator, Deduct	*-21,442.93*	
		For >6 Months (>26 Weeks), Deduct	*-122.21*	
01 22 23 00-0360	DAY	11,000 Lb. Capacity, Mini-Excavator With Full-Time Operator	1,413.63	
		For Half Day Usage, Deduct	*-627.32*	
		For Equipment Without Operator, Deduct	*-989.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0361	WK	11,000 Lb. Capacity, Mini-Excavator With Full-Time Operator	6,314.46	
		For Equipment Without Operator, Deduct	*-4,948.37*	
01 22 23 00-0362	MO	11,000 Lb. Capacity, Mini-Excavator With Full-Time Operator	24,531.77	
		For Equipment Without Operator, Deduct	*-21,442.93*	
		For >6 Months (>26 Weeks), Deduct	*-123.55*	

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

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

01 22 23 00-0364	DAY	50 To 60 HP Road Grader With Full-Time Operator	2,368.92	
		For Half Day Usage, Deduct	*-925.85*	
		For Equipment Without Operator, Deduct	*-989.67*	
01 22 23 00-0365	WK	50 To 60 HP Road Grader With Full-Time Operator	8,534.42	
		For Equipment Without Operator, Deduct	*-4,948.37*	
01 22 23 00-0366	MO	50 To 60 HP Road Grader With Full-Time Operator	31,097.68	
		For Equipment Without Operator, Deduct	*-21,442.93*	
		For >6 Months (>26 Weeks), Deduct	*-386.19*	
01 22 23 00-0367	DAY	80 To 100 HP Road Grader With Full-Time Operator	3,049.35	
		For Half Day Usage, Deduct	*-1,138.49*	
		For Equipment Without Operator, Deduct	*-989.67*	
01 22 23 00-0368	WK	80 To 100 HP Road Grader With Full-Time Operator	10,042.40	
		For Equipment Without Operator, Deduct	*-4,948.37*	
01 22 23 00-0369	MO	80 To 100 HP Road Grader With Full-Time Operator	35,695.18	
		For Equipment Without Operator, Deduct	*-21,442.93*	
		For >6 Months (>26 Weeks), Deduct	*-570.09*	
01 22 23 00-0370	DAY	130 To 140 HP Road Grader With Full-Time Operator	3,556.60	
		For Half Day Usage, Deduct	*-1,297.00*	
		For Equipment Without Operator, Deduct	*-989.67*	
01 22 23 00-0371	WK	130 To 140 HP Road Grader With Full-Time Operator	11,544.86	
		For Equipment Without Operator, Deduct	*-4,948.37*	
01 22 23 00-0372	MO	130 To 140 HP Road Grader With Full-Time Operator	41,235.17	
		For Equipment Without Operator, Deduct	*-21,442.93*	
		For >6 Months (>26 Weeks), Deduct	*-791.69*	
01 22 23 00-0373	DAY	170 To 185 HP Road Grader With Full-Time Operator	4,327.45	
		For Half Day Usage, Deduct	*-1,537.89*	
		For Equipment Without Operator, Deduct	*-989.67*	
01 22 23 00-0374	WK	170 To 185 HP Road Grader With Full-Time Operator	18,299.51	
		For Equipment Without Operator, Deduct	*-4,948.37*	
01 22 23 00-0375	MO	170 To 185 HP Road Grader With Full-Time Operator	68,171.88	
		For Equipment Without Operator, Deduct	*-21,442.89*	
		For >6 Months (>26 Weeks), Deduct	*-1,869.16*	

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

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

01 22 23 00-0377	DAY	1/2 To 5/8 CY, 65 HP, Loader-Backhoe With Standard Bucket And Full-Time Operator	1,396.01	
		For Half Day Usage, Deduct	*-621.82*	
		For Equipment Without Operator, Deduct	*-989.67*	
01 22 23 00-0378	WK	1/2 To 5/8 CY, 65 HP, Loader-Backhoe With Standard Bucket And Full-Time Operator	5,913.42	
		For Equipment Without Operator, Deduct	*-4,948.37*	
01 22 23 00-0379	MO	1/2 To 5/8 CY, 65 HP, Loader-Backhoe With Standard Bucket And Full-Time Operator	23,714.06	
		For Equipment Without Operator, Deduct	*-21,442.93*	
		For >6 Months (>26 Weeks), Deduct	*-90.85*	
01 22 23 00-0380	DAY	1 CY, 24" Bucket, 14'-4" Deep, 75 HP, Loader-Backhoe With Full-Time Operator	1,439.54	
		For Half Day Usage, Deduct	*-635.42*	
		For Equipment Without Operator, Deduct	*-989.67*	
01 22 23 00-0381	WK	1 CY, 24" Bucket, 14'-4" Deep, 75 HP, Loader-Backhoe With Full-Time Operator	6,065.79	
		For Equipment Without Operator, Deduct	*-4,948.37*	
01 22 23 00-0382	MO	1 CY, 24" Bucket, 14'-4" Deep, 75 HP, Loader-Backhoe With Full-Time Operator	24,642.83	
		For Equipment Without Operator, Deduct	*-21,442.93*	
		For >6 Months (>26 Weeks), Deduct	*-128.00*	
01 22 23 00-0383	DAY	1-1/2 CY, 24" Bucket, 16'-6" Deep, 90 HP, Loader-Backhoe With Full-Time Operator	1,506.66	
		For Half Day Usage, Deduct	*-656.39*	
		For Equipment Without Operator, Deduct	*-989.67*	
01 22 23 00-0384	WK	1-1/2 CY, 24" Bucket, 16'-6" Deep, 90 HP, Loader-Backhoe With Full-Time Operator	6,232.68	
		For Equipment Without Operator, Deduct	*-4,948.37*	
01 22 23 00-0385	MO	1-1/2 CY, 24" Bucket, 16'-6" Deep, 90 HP, Loader-Backhoe With Full-Time Operator	25,121.72	
		For Equipment Without Operator, Deduct	*-21,442.93*	
		For >6 Months (>26 Weeks), Deduct	*-147.15*	
01 22 23 00-0386	DAY	1-3/4 CY, 30" Bucket, 18'-0" Deep, 112 HP, Loader-Backhoe With Full-Time Operator	1,805.97	
		For Half Day Usage, Deduct	*-749.93*	
		For Equipment Without Operator, Deduct	*-989.67*	
01 22 23 00-0387	WK	1-3/4 CY, 30" Bucket, 18'-0" Deep, 112 HP, Loader-Backhoe With Full-Time Operator	7,125.17	
		For Equipment Without Operator, Deduct	*-4,948.37*	
01 22 23 00-0388	MO	1-3/4 CY, 30" Bucket, 18'-0" Deep, 112 HP, Loader-Backhoe With Full-Time Operator	27,675.83	
		For Equipment Without Operator, Deduct	*-21,442.93*	
		For >6 Months (>26 Weeks), Deduct	*-249.32*	

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

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

01 22 23 00-0390	DAY	2-1/2 CY, 119 HP, Heavy-Duty Construction Loader With Full-Time Operator	1,509.05	
		For Half Day Usage, Deduct	*-657.14*	
		For Equipment Without Operator, Deduct	*-989.67*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0391	WK	2-1/2 CY, 119 HP, Heavy-Duty Construction Loader With Full-Time Operator	7,001.93	
		For Equipment Without Operator, Deduct	*-4,948.37*	
01 22 23 00-0392	MO	2-1/2 CY, 119 HP, Heavy-Duty Construction Loader With Full-Time Operator	27,595.61	
		For Equipment Without Operator, Deduct	*-21,442.93*	
		For >6 Months (>26 Weeks), Deduct	*-246.11*	
01 22 23 00-0393	DAY	3 CY, 135 HP, Heavy-Duty Construction Loader With Full-Time Operator	1,940.54	
		For Half Day Usage, Deduct	*-791.98*	
		For Equipment Without Operator, Deduct	*-989.67*	
01 22 23 00-0394	WK	3 CY, 135 HP, Heavy-Duty Construction Loader With Full-Time Operator	7,473.37	
		For Equipment Without Operator, Deduct	*-4,948.37*	
01 22 23 00-0395	MO	3 CY, 135 HP, Heavy-Duty Construction Loader With Full-Time Operator	27,835.33	
		For Equipment Without Operator, Deduct	*-21,442.93*	
		For >6 Months (>26 Weeks), Deduct	*-255.70*	
01 22 23 00-0396	DAY	3-1/2 CY, 198 HP, Heavy-Duty Construction Loader With Full-Time Operator	2,036.43	
		For Half Day Usage, Deduct	*-821.95*	
		For Equipment Without Operator, Deduct	*-989.67*	
01 22 23 00-0397	WK	3-1/2 CY, 198 HP, Heavy-Duty Construction Loader With Full-Time Operator	7,729.06	
		For Equipment Without Operator, Deduct	*-4,948.37*	
01 22 23 00-0398	MO	3-1/2 CY, 198 HP, Heavy-Duty Construction Loader With Full-Time Operator	28,474.57	
		For Equipment Without Operator, Deduct	*-21,442.93*	
		For >6 Months (>26 Weeks), Deduct	*-281.27*	
01 22 23 00-0399	DAY	4-1/2 CY, 215 HP, Heavy-Duty Construction Loader With Full-Time Operator	2,300.11	
		For Half Day Usage, Deduct	*-904.35*	
		For Equipment Without Operator, Deduct	*-989.67*	
01 22 23 00-0400	WK	4-1/2 CY, 215 HP, Heavy-Duty Construction Loader With Full-Time Operator	8,424.24	
		For Equipment Without Operator, Deduct	*-4,948.37*	
01 22 23 00-0401	MO	4-1/2 CY, 215 HP, Heavy-Duty Construction Loader With Full-Time Operator	30,232.48	
		For Equipment Without Operator, Deduct	*-21,442.93*	
		For >6 Months (>26 Weeks), Deduct	*-351.58*	
01 22 23 00-0402	DAY	7-1/3 CY, 330 HP, Heavy-Duty Construction Loader With Full-Time Operator	2,979.30	
		For Half Day Usage, Deduct	*-1,116.59*	
		For Equipment Without Operator, Deduct	*-989.67*	
01 22 23 00-0403	WK	7-1/3 CY, 330 HP, Heavy-Duty Construction Loader With Full-Time Operator	12,890.93	
		For Equipment Without Operator, Deduct	*-4,948.37*	
01 22 23 00-0404	MO	7-1/3 CY, 330 HP, Heavy-Duty Construction Loader With Full-Time Operator	45,254.62	
		For Equipment Without Operator, Deduct	*-21,442.93*	
		For >6 Months (>26 Weeks), Deduct	*-952.47*	
01 22 23 00-0405	DAY	13-1/2 CY, 690 HP, Heavy-Duty Construction Loader With Full-Time Operator	7,453.90	
		For Half Day Usage, Deduct	*-2,514.91*	
		For Equipment Without Operator, Deduct	*-989.67*	
01 22 23 00-0406	WK	13-1/2 CY, 690 HP, Heavy-Duty Construction Loader With Full-Time Operator	25,939.19	
		For Equipment Without Operator, Deduct	*-4,948.37*	
01 22 23 00-0407	MO	13-1/2 CY, 690 HP, Heavy-Duty Construction Loader With Full-Time Operator	78,648.60	
		For Equipment Without Operator, Deduct	*-21,442.93*	
		For >6 Months (>26 Weeks), Deduct	*-2,288.23*	

01 22 23 00-0408 Tractors *(01 22 23 00-0213)*

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

01 22 23 00-0409	DAY	20 To 29 HP Tractor	563.51	
		For Half Day Usage, Deduct	*-176.10*	
01 22 23 00-0410	WK	20 To 29 HP Tractor	1,356.59	
01 22 23 00-0411	MO	20 To 29 HP Tractor	3,662.80	
		For >6 Months (>26 Weeks), Deduct	*-146.51*	
01 22 23 00-0412	DAY	30 To 35 HP Tractor	583.88	
		For Half Day Usage, Deduct	*-182.46*	
01 22 23 00-0413	WK	30 To 35 HP Tractor	1,503.18	
01 22 23 00-0414	MO	30 To 35 HP Tractor	4,161.70	
		For >6 Months (>26 Weeks), Deduct	*-166.47*	
01 22 23 00-0415	DAY	40 To 45 HP Tractor	596.30	
		For Half Day Usage, Deduct	*-186.34*	
01 22 23 00-0416	WK	40 To 45 HP Tractor	1,602.57	
01 22 23 00-0417	MO	40 To 45 HP Tractor	4,397.74	
		For >6 Months (>26 Weeks), Deduct	*-175.91*	
01 22 23 00-0418	DAY	80 To 89 HP Tractor	767.74	
		For Half Day Usage, Deduct	*-239.92*	
01 22 23 00-0419	WK	80 To 89 HP Tractor	2,177.26	
01 22 23 00-0420	MO	80 To 89 HP Tractor	6,234.11	
		For >6 Months (>26 Weeks), Deduct	*-249.36*	
01 22 23 00-0421	DAY	60" Rotary Mower Attachment For Tractors	241.01	
		For Half Day Usage, Deduct	*-75.32*	
01 22 23 00-0422	WK	60" Rotary Mower Attachment For Tractors	745.38	
01 22 23 00-0423	DAY	84" Rotary Mower Attachment For Tractors	263.37	
		For Half Day Usage, Deduct	*-82.30*	
01 22 23 00-0424	WK	84" Rotary Mower Attachment For Tractors	807.50	
01 22 23 00-0425	DAY	Under Deck Rotary Mower Attachment For Tractors	41.39	
		For Half Day Usage, Deduct	*-12.93*	
01 22 23 00-0426	WK	Under Deck Rotary Mower Attachment For Tractors	165.55	

01 22 23 00-0427 Shoring *(01 22 23 00-0213)*

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

01 22 23 00-0428 Aluminum Hydraulic Shoring *(01 22 23 00-0427)*

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

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0429	WK	2' Rails, 1 Cylinder, Aluminum Hydraulic Shoring Note: Up to 88" spread width.	116.90	
01 22 23 00-0430	MO	2' Rails, 1 Cylinder, Aluminum Hydraulic Shoring Note: Up to 88" spread width.	344.80	
		For >6 Months (>26 Weeks), Deduct	*-13.79*	
01 22 23 00-0431	WK	Up To 12' Rails, 2 Cylinders, Aluminum Hydraulic Shoring Note: Up to 88" spread width.	156.82	
01 22 23 00-0432	MO	Up To 12' Rails, 2 Cylinders, Aluminum Hydraulic Shoring Note: Up to 88" spread width.	462.54	
		For >6 Months (>26 Weeks), Deduct	*-18.50*	
01 22 23 00-0433	WK	Up To 16' Rails, 3 Cylinders, Aluminum Hydraulic Shoring Note: Up to 88" spread width.	290.78	
01 22 23 00-0434	MO	Up To 16' Rails, 3 Cylinders, Aluminum Hydraulic Shoring Note: Up to 88" spread width.	857.79	
		For >6 Months (>26 Weeks), Deduct	*-34.31*	
01 22 23 00-0435	EA	Set-up And Removal Of 1 Cylinder Aluminum Hydraulic Shores	32.19	
01 22 23 00-0436	EA	Set-up And Removal Of 2 Cylinders Aluminum Hydraulic Shores	51.51	
01 22 23 00-0437	EA	Set-up And Removal Of 3 Cylinders Aluminum Hydraulic Shores	85.84	

01 22 23 00-0438 Trench Boxes/Trench Shields *(01 22 23 00-0213)*

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

01 22 23 00-0439	WK	4' x 6' Trench Box With Up To 48" Spreaders	260.32	
01 22 23 00-0440	MO	4' x 6' Trench Box With Up To 48" Spreaders	780.97	
		For >6 Months (>26 Weeks), Deduct	*-31.24*	
01 22 23 00-0441	WK	6' x 6' Trench Box With Up To 48" Spreaders	293.91	
01 22 23 00-0442	MO	6' x 6' Trench Box With Up To 48" Spreaders	881.74	
		For >6 Months (>26 Weeks), Deduct	*-35.27*	
01 22 23 00-0443	WK	8' x 6' Trench Box With Up To 48" Spreaders	310.71	
01 22 23 00-0444	MO	8' x 6' Trench Box With Up To 48" Spreaders	932.12	
		For >6 Months (>26 Weeks), Deduct	*-37.28*	
01 22 23 00-0445	WK	4' x 8' Trench Box With Up To 48" Spreaders	285.52	
01 22 23 00-0446	MO	4' x 8' Trench Box With Up To 48" Spreaders	856.54	
		For >6 Months (>26 Weeks), Deduct	*-34.26*	
01 22 23 00-0447	WK	6' x 8' Trench Box With Up To 48" Spreaders	335.90	
01 22 23 00-0448	MO	6' x 8' Trench Box With Up To 48" Spreaders	1,007.70	
		For >6 Months (>26 Weeks), Deduct	*-40.31*	
01 22 23 00-0449	WK	8' x 8' Trench Box With Up To 48" Spreaders	377.89	
01 22 23 00-0450	MO	8' x 8' Trench Box With Up To 48" Spreaders	1,133.66	
		For >6 Months (>26 Weeks), Deduct	*-45.35*	
01 22 23 00-0451	WK	4' x 10' Trench Box With Up To 48" Spreaders	319.10	
01 22 23 00-0452	MO	4' x 10' Trench Box With Up To 48" Spreaders	957.32	
		For >6 Months (>26 Weeks), Deduct	*-38.29*	
01 22 23 00-0453	WK	6' x 10' Trench Box With Up To 48" Spreaders	377.89	
01 22 23 00-0454	MO	6' x 10' Trench Box With Up To 48" Spreaders	1,133.66	
		For >6 Months (>26 Weeks), Deduct	*-45.35*	
01 22 23 00-0455	WK	8' x 10' Trench Box With Up To 48" Spreaders	461.86	
01 22 23 00-0456	MO	8' x 10' Trench Box With Up To 48" Spreaders	1,377.19	
		For >6 Months (>26 Weeks), Deduct	*-55.09*	
01 22 23 00-0457	WK	4' x 12' Trench Box With Up To 48" Spreaders	377.89	
01 22 23 00-0458	MO	4' x 12' Trench Box With Up To 48" Spreaders	1,133.66	
		For >6 Months (>26 Weeks), Deduct	*-45.35*	
01 22 23 00-0459	WK	6' x 12' Trench Box With Up To 48" Spreaders	461.86	
01 22 23 00-0460	MO	6' x 12' Trench Box With Up To 48" Spreaders	1,385.59	
		For >6 Months (>26 Weeks), Deduct	*-55.42*	
01 22 23 00-0461	WK	8' x 12' Trench Box With Up To 48" Spreaders	587.82	
01 22 23 00-0462	MO	8' x 12' Trench Box With Up To 48" Spreaders	1,763.48	
		For >6 Months (>26 Weeks), Deduct	*-70.54*	
01 22 23 00-0463	WK	4' x 14' Trench Box With Up To 48" Spreaders	419.88	
01 22 23 00-0464	MO	4' x 14' Trench Box With Up To 48" Spreaders	1,259.62	
		For >6 Months (>26 Weeks), Deduct	*-50.38*	
01 22 23 00-0465	WK	6' x 14' Trench Box With Up To 48" Spreaders	545.84	
01 22 23 00-0466	MO	6' x 14' Trench Box With Up To 48" Spreaders	1,637.51	
		For >6 Months (>26 Weeks), Deduct	*-65.50*	
01 22 23 00-0467	WK	8' x 14' Trench Box With Up To 48" Spreaders	671.80	
01 22 23 00-0468	MO	8' x 14' Trench Box With Up To 48" Spreaders	2,015.40	
		For >6 Months (>26 Weeks), Deduct	*-80.62*	
01 22 23 00-0469	WK	4' x 16' Trench Box With Up To 48" Spreaders	461.86	
01 22 23 00-0470	MO	4' x 16' Trench Box With Up To 48" Spreaders	1,385.59	
		For >6 Months (>26 Weeks), Deduct	*-55.42*	
01 22 23 00-0471	WK	6' x 16' Trench Box With Up To 48" Spreaders	629.81	
01 22 23 00-0472	MO	6' x 16' Trench Box With Up To 48" Spreaders	1,889.44	
		For >6 Months (>26 Weeks), Deduct	*-75.58*	
01 22 23 00-0473	WK	8' x 16' Trench Box With Up To 48" Spreaders	755.78	
01 22 23 00-0474	MO	8' x 16' Trench Box With Up To 48" Spreaders	2,267.32	
		For >6 Months (>26 Weeks), Deduct	*-90.69*	
01 22 23 00-0475	WK	4' x 20' Trench Box With Up To 48" Spreaders	545.84	
01 22 23 00-0476	MO	4' x 20' Trench Box With Up To 48" Spreaders	1,637.51	
		For >6 Months (>26 Weeks), Deduct	*-65.50*	
01 22 23 00-0477	WK	6' x 20' Trench Box With Up To 48" Spreaders	755.78	
01 22 23 00-0478	MO	6' x 20' Trench Box With Up To 48" Spreaders	2,267.32	
		For >6 Months (>26 Weeks), Deduct	*-90.69*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0479	WK	8' x 20' Trench Box With Up To 48" Spreaders	881.74	
01 22 23 00-0480	MO	8' x 20' Trench Box With Up To 48" Spreaders	2,645.21	
		For >6 Months (>26 Weeks), Deduct	*-105.81*	
01 22 23 00-0481	WK	4' x 24' Trench Box With Up To 48" Spreaders	755.78	
01 22 23 00-0482	MO	4' x 24' Trench Box With Up To 48" Spreaders	2,267.32	
		For >6 Months (>26 Weeks), Deduct	*-90.69*	
01 22 23 00-0483	WK	6' x 24' Trench Box With Up To 48" Spreaders	923.72	
01 22 23 00-0484	MO	6' x 24' Trench Box With Up To 48" Spreaders	2,771.18	
		For >6 Months (>26 Weeks), Deduct	*-110.85*	
01 22 23 00-0485	WK	8' x 24' Trench Box With Up To 48" Spreaders	1,007.70	
01 22 23 00-0486	MO	8' x 24' Trench Box With Up To 48" Spreaders	3,023.10	
		For >6 Months (>26 Weeks), Deduct	*-120.92*	
01 22 23 00-0487	WK	For Spreaders >48" To 84", Add	25.19	
01 22 23 00-0488	MO	For Spreaders >48" To 84", Add	75.58	
		For >6 Months (>26 Weeks), Deduct	*-3.02*	
01 22 23 00-0489	WK	For Spreaders >84" To 120", Add	151.16	
01 22 23 00-0490	MO	For Spreaders >84" To 120", Add	453.46	
		For >6 Months (>26 Weeks), Deduct	*-18.14*	
01 22 23 00-0491	WK	For Spreaders >120", Add	319.10	
01 22 23 00-0492	MO	For Spreaders >120", Add	957.32	
		For >6 Months (>26 Weeks), Deduct	*-38.29*	
01 22 23 00-0493	WK	8' x 4' Manhole Box	396.78	
01 22 23 00-0494	MO	8' x 4' Manhole Box	1,190.35	
		For >6 Months (>26 Weeks), Deduct	*-47.61*	
01 22 23 00-0495	WK	8' x 8' Manhole Box	566.83	
01 22 23 00-0496	MO	8' x 8' Manhole Box	1,700.49	
		For >6 Months (>26 Weeks), Deduct	*-68.02*	

01 22 23 00-0497 Trenchers *(01 22 23 00-0213)*

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

01 22 23 00-0498	DAY	4' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator	1,383.36	
		For Equipment Without Operator, Deduct	*-985.82*	
		For Half Day Usage, Deduct	*-617.14*	
01 22 23 00-0499	WK	4' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator	6,283.23	
		For Equipment Without Operator, Deduct	*-4,929.12*	
01 22 23 00-0500	MO	4' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator	25,086.42	
		For Equipment Without Operator, Deduct	*-21,359.52*	
		For >6 Months (>26 Weeks), Deduct	*-149.08*	
01 22 23 00-0501	DAY	5' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator	2,054.20	
		For Equipment Without Operator, Deduct	*-985.82*	
		For Half Day Usage, Deduct	*-826.78*	
01 22 23 00-0502	WK	5' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator	8,544.21	
		For Equipment Without Operator, Deduct	*-4,929.12*	
01 22 23 00-0503	MO	5' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator	31,297.92	
		For Equipment Without Operator, Deduct	*-21,359.52*	
		For >6 Months (>26 Weeks), Deduct	*-397.54*	

01 22 23 00-0504 Heavy Equipment (Ground Protection) Mats *(01 22 23 00-0213)*

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

01 22 23 00-0505	DAY	14' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat	27.18	
		For Half Day Usage, Deduct	*-8.49*	
01 22 23 00-0506	WK	14' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat	64.70	
01 22 23 00-0507	MO	14' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat	135.88	
		For >6 Months (>26 Weeks), Deduct	*-5.44*	
01 22 23 00-0508	DAY	16' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat	28.53	
		For Half Day Usage, Deduct	*-8.92*	
01 22 23 00-0509	WK	16' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat	67.94	
01 22 23 00-0510	MO	16' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat	142.67	
		For >6 Months (>26 Weeks), Deduct	*-5.71*	
01 22 23 00-0511	Day	16' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	23.10	
		For Half Day Usage, Deduct	*-7.22*	
01 22 23 00-0512	WK	16' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	54.35	
01 22 23 00-0513	MO	16' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	115.50	
		For >6 Months (>26 Weeks), Deduct	*-4.62*	
01 22 23 00-0514	Day	18' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	25.82	
		For Half Day Usage, Deduct	*-8.07*	
01 22 23 00-0515	WK	18' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	61.15	
01 22 23 00-0516	MO	18' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	129.09	
		For >6 Months (>26 Weeks), Deduct	*-5.16*	
01 22 23 00-0517	Day	20' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	28.53	
		For Half Day Usage, Deduct	*-8.92*	
01 22 23 00-0518	WK	20' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	67.94	
01 22 23 00-0519	MO	20' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	142.67	
		For >6 Months (>26 Weeks), Deduct	*-5.71*	
01 22 23 00-0520	Day	24' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	31.25	
		For Half Day Usage, Deduct	*-9.77*	
01 22 23 00-0521	WK	24' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	74.41	
01 22 23 00-0522	MO	24' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	156.26	
		For >6 Months (>26 Weeks), Deduct	*-6.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0523	Day	12' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	24.46	
		For Half Day Usage, Deduct	*-7.64*	
01 22 23 00-0524	WK	12' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	67.94	
01 22 23 00-0525	MO	12' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	122.29	
		For >6 Months (>26 Weeks), Deduct	*-4.89*	
01 22 23 00-0526	Day	16' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	28.53	
		For Half Day Usage, Deduct	*-8.92*	
01 22 23 00-0527	WK	16' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	67.94	
01 22 23 00-0528	MO	16' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	142.67	
		For >6 Months (>26 Weeks), Deduct	*-5.71*	
01 22 23 00-0529	Day	20' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	33.97	
		For Half Day Usage, Deduct	*-10.62*	
01 22 23 00-0530	WK	20' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	74.73	
01 22 23 00-0531	MO	20' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	169.85	
		For >6 Months (>26 Weeks), Deduct	*-6.79*	
01 22 23 00-0532	Day	24' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	36.69	
		For Half Day Usage, Deduct	*-11.47*	
01 22 23 00-0533	WK	24' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	87.35	
01 22 23 00-0534	MO	24' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	183.44	
		For >6 Months (>26 Weeks), Deduct	*-7.34*	
01 22 23 00-0535	Day	28' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	39.41	
		For Half Day Usage, Deduct	*-12.32*	
01 22 23 00-0536	WK	28' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	93.82	
01 22 23 00-0537	MO	28' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	197.03	
		For >6 Months (>26 Weeks), Deduct	*-7.88*	
01 22 23 00-0538	Day	30' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	40.76	
		For Half Day Usage, Deduct	*-12.74*	
01 22 23 00-0539	WK	30' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	97.06	
01 22 23 00-0540	MO	30' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	203.82	
		For >6 Months (>26 Weeks), Deduct	*-8.15*	
01 22 23 00-0541	Day	14' Width x 8' Length, 2-3/4" Thick, Laminated Heavy Equipment Mat (Emtek™)	13.07	
		For Half Day Usage, Deduct	*-4.08*	
01 22 23 00-0542	WK	14' Width x 8' Length, 2-3/4" Thick, Laminated Heavy Equipment Mat (Emtek™)	32.68	
01 22 23 00-0543	MO	14' Width x 8' Length, 2-3/4" Thick, Laminated Heavy Equipment Mat (Emtek™)	98.04	
		For >6 Months (>26 Weeks), Deduct	*-3.92*	
01 22 23 00-0544	Day	14' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	15.63	
		For Half Day Usage, Deduct	*-4.88*	
01 22 23 00-0545	WK	14' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	39.07	
01 22 23 00-0546	MO	14' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	117.20	
		For >6 Months (>26 Weeks), Deduct	*-4.69*	
01 22 23 00-0547	Day	16' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	17.85	
		For Half Day Usage, Deduct	*-5.58*	
01 22 23 00-0548	WK	16' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	44.61	
01 22 23 00-0549	MO	16' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	133.84	
		For >6 Months (>26 Weeks), Deduct	*-5.35*	
01 22 23 00-0550	Day	14' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	19.02	
		For Half Day Usage, Deduct	*-5.94*	
01 22 23 00-0551	WK	14' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	47.56	
01 22 23 00-0552	MO	14' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	142.67	
		For >6 Months (>26 Weeks), Deduct	*-5.71*	
01 22 23 00-0553	Day	16' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	21.74	
		For Half Day Usage, Deduct	*-6.79*	
01 22 23 00-0554	WK	16' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	54.35	
01 22 23 00-0555	MO	16' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	163.06	
		For >6 Months (>26 Weeks), Deduct	*-6.52*	
01 22 23 00-0556	Day	16' Width x 8' Length, 5-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	24.98	
		For Half Day Usage, Deduct	*-7.81*	
01 22 23 00-0557	WK	16' Width x 8' Length, 5-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	62.46	
01 22 23 00-0558	MO	16' Width x 8' Length, 5-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	187.38	
		For >6 Months (>26 Weeks), Deduct	*-7.50*	
01 22 23 00-0559	Day	24' Width x 4' Length, 6" Thick, Laminated Heavy Equipment Mat (Emtek™)	19.22	
		For Half Day Usage, Deduct	*-6.01*	
01 22 23 00-0560	WK	24' Width x 4' Length, 6" Thick, Laminated Heavy Equipment Mat (Emtek™)	48.06	
01 22 23 00-0561	MO	24' Width x 4' Length, 6" Thick, Laminated Heavy Equipment Mat (Emtek™)	144.17	
		For >6 Months (>26 Weeks), Deduct	*-5.77*	
01 22 23 00-0562	Day	30' Width x 4' Length, 6-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	26.03	
		For Half Day Usage, Deduct	*-8.13*	
01 22 23 00-0563	WK	30' Width x 4' Length, 6-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	65.06	
01 22 23 00-0564	MO	30' Width x 4' Length, 6-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	195.19	
		For >6 Months (>26 Weeks), Deduct	*-7.81*	
01 22 23 00-0565	Day	24' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	22.50	
		For Half Day Usage, Deduct	*-7.03*	
01 22 23 00-0566	WK	24' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	56.25	
01 22 23 00-0567	MO	24' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	168.76	
		For >6 Months (>26 Weeks), Deduct	*-6.75*	
01 22 23 00-0568	Day	40' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	37.53	
		For Half Day Usage, Deduct	*-11.73*	
01 22 23 00-0569	WK	40' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	93.82	
01 22 23 00-0570	MO	40' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	281.46	
		For >6 Months (>26 Weeks), Deduct	*-11.26*	
01 22 23 00-0571	Day	40' Width x 4' Length, 8" Thick, Laminated Heavy Equipment Mat (Emtek™)	40.00	
		For Half Day Usage, Deduct	*-12.50*	
01 22 23 00-0572	WK	40' Width x 4' Length, 8" Thick, Laminated Heavy Equipment Mat (Emtek™)	100.01	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0573		MO	40' Width x 4' Length, 8" Thick, Laminated Heavy Equipment Mat (Emtek™)	300.02	
			For >6 Months (>26 Weeks), Deduct	*-12.00*	

01 22 23 00-0574 Electrical Equipment *(01 22 23)*

01 22 23 00-0575 Tripod Mounted Floodlights *(01 22 23 00-0574)*

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

01 22 23 00-0576		DAY	500 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	78.02	
			For Half Day Usage, Deduct	*-24.38*	
01 22 23 00-0577		WK	500 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	184.59	
01 22 23 00-0578		MO	500 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	390.12	
			For >6 Months (>26 Weeks), Deduct	*-15.60*	
01 22 23 00-0579		DAY	1,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	78.02	
			For Half Day Usage, Deduct	*-24.38*	
01 22 23 00-0580		WK	1,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	228.36	
01 22 23 00-0581		MO	1,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	675.56	
			For >6 Months (>26 Weeks), Deduct	*-27.02*	
01 22 23 00-0582		DAY	2,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	87.54	
			For Half Day Usage, Deduct	*-27.36*	
01 22 23 00-0583		WK	2,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	237.88	
01 22 23 00-0584		MO	2,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	580.42	
			For >6 Months (>26 Weeks), Deduct	*-23.22*	

01 22 23 00-0585 Trailer Mounted Floodlights *(01 22 23 00-0574)*

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

01 22 23 00-0586		DAY	4 x 1,000 Watt Floodlights, 30' Telescoping Tower, Diesel Power Trailer Mounted Light Tower	218.84	
			For Half Day Usage, Deduct	*-68.39*	
01 22 23 00-0587		WK	4 x 1,000 Watt Floodlights, 30' Telescoping Tower, Diesel Power Trailer Mounted Light Tower	485.26	
01 22 23 00-0588		MO	4 x 1,000 Watt Floodlights, 30' Telescoping Tower, Diesel Power Trailer Mounted Light Tower	1,046.65	
			For >6 Months (>26 Weeks), Deduct	*-41.87*	

01 22 23 00-0589 Generator Sets *(01 22 23 00-0574)*

01 22 23 00-0590 Portable, Gas Powered Generator Sets *(01 22 23 00-0589)*

Note: With 24 hour day-tank. Includes delivery to job site and pick-up when complete. Excludes cables, operator and fuel costs. See CSI section 01 22 23 00-0710 for reimbursable fuel fees.

01 22 23 00-0591		DAY	3.6 KW Gas Powered Generator Set	58.54	
			Note: Fuel consumption: 100% load – 0.54 gallons per hour		
			For LP Or NG Gas, Add	*7.32*	
			For Half Day Usage, Deduct	*-18.29*	
01 22 23 00-0592		WK	3.6 KW Gas Powered Generator Set	211.00	
			Note: Fuel consumption: 100% load – 0.54 gallons per hour		
			For LP Or NG Gas, Add	*26.38*	
01 22 23 00-0593		MO	3.6 KW Gas Powered Generator Set	585.36	
			Note: Fuel consumption: 100% load – 0.54 gallons per hour		
			For LP Or NG Gas, Add	*73.17*	
			For >6 Months (>26 Weeks), Deduct	*-23.41*	
01 22 23 00-0594		DAY	5 KW Gas Powered Generator Set	83.04	
			Note: Fuel consumption: 100% load – 0.75 gallons per hour		
			For LP Or NG Gas, Add	*10.38*	
			For Half Day Usage, Deduct	*-25.95*	
01 22 23 00-0595		WK	5 KW Gas Powered Generator Set	265.45	
			Note: Fuel consumption: 100% load – 0.75 gallons per hour		
			For LP Or NG Gas, Add	*33.18*	
01 22 23 00-0596		MO	5 KW Gas Powered Generator Set	605.78	
			Note: Fuel consumption: 100% load – 0.75 gallons per hour		
			For LP Or NG Gas, Add	*75.72*	
			For >6 Months (>26 Weeks), Deduct	*-24.23*	
01 22 23 00-0597		DAY	6.5 KW Gas Powered Generator Set	106.18	
			Note: Fuel consumption: 100% load – 0.975 gallons per hour		
			For LP Or NG Gas, Add	*13.27*	
			For Half Day Usage, Deduct	*-33.18*	
01 22 23 00-0598		WK	6.5 KW Gas Powered Generator Set	285.87	
			Note: Fuel consumption: 100% load – 0.975 gallons per hour		
			For LP Or NG Gas, Add	*35.73*	
01 22 23 00-0599		MO	6.5 KW Gas Powered Generator Set	789.55	
			Note: Fuel consumption: 100% load – 0.975 gallons per hour		
			For LP Or NG Gas, Add	*98.69*	
			For >6 Months (>26 Weeks), Deduct	*-31.58*	
01 22 23 00-0600		DAY	10 KW Gas Powered Generator Set	118.43	
			Note: Fuel consumption: 100% load – 1.35 gallons per hour		
			For LP Or NG Gas, Add	*14.80*	
			For Half Day Usage, Deduct	*-37.01*	
01 22 23 00-0601		WK	10 KW Gas Powered Generator Set	319.91	
			Note: Fuel consumption: 100% load – 1.35 gallons per hour		
			For LP Or NG Gas, Add	*39.99*	
01 22 23 00-0602		MO	10 KW Gas Powered Generator Set	918.88	
			Note: Fuel consumption: 100% load – 1.35 gallons per hour		
			For LP Or NG Gas, Add	*114.86*	
			For >6 Months (>26 Weeks), Deduct	*-36.76*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0603	DAY	15 KW Gas Powered Generator Set Note: Fuel consumption: 100% load – 1.70 gallons per hour	216.86	
		For LP Or NG Gas, Add	*27.11*	
		For Half Day Usage, Deduct	*-67.77*	
01 22 23 00-0604	WK	15 KW Gas Powered Generator Set Note: Fuel consumption: 100% load – 1.6 gallons per hour	616.04	
		For LP Or NG Gas, Add	*77.01*	
01 22 23 00-0605	MO	15 KW Gas Powered Generator Set Note: Fuel consumption: 100% load – 1.6 gallons per hour	1,330.67	
		For LP Or NG Gas, Add	*166.33*	
		For >6 Months (>26 Weeks), Deduct	*-53.23*	

01 22 23 00-0606 Towable, Diesel Powered Generator Sets *(01 22 23 00-0589)*

Note: Includes 24 hour day-tank on sizes up to 180KW, 40 hour day-tank for sizes greater than 180KW To 300 KW and 1000 gallon for sizes greater than 300KW. Multi-voltage transformer unless stated otherwise, trailer mounted including sound attenuation and control panel. Excludes cables, operator and fuel costs. See CSI section 01 22 23 00-0710 for reimbursable fuel fees.

01 22 23 00-0607	DAY	20 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 1.6 gallons per hour, 75% load - 1.3 gallons per hour, 50% load - 0.9 gallons per hour.	243.67	
		For >8 To 16 Hours Usage Per Day, Add	*97.47*	
		For >16 To 24 Hours Usage Per Day, Add	*194.94*	
01 22 23 00-0608	WK	20 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 1.6 gallons per hour, 75% load - 1.3 gallons per hour, 50% load - 0.9 gallons per hour.	637.09	
		For >40 To 80 Hours Usage Per Week, Add	*254.84*	
		For >80 Hours Usage Per Week, Add	*509.67*	
01 22 23 00-0609	MO	20 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 1.6 gallons per hour, 75% load - 1.3 gallons per hour, 50% load - 0.9 gallons per hour.	1,735.66	
		For >160 To 320 Hours Usage Per Month, Add	*694.26*	
		For >320 Hours Usage Per Month, Add	*1,388.53*	
		For >6 Months (>26 Weeks), Deduct	*-69.43*	
01 22 23 00-0610	DAY	30 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 2.9 gallons per hour, 75% load - 2.4 gallons per hour, 50% load - 1.8 gallons per hour.	389.20	
		For >8 To 16 Hours Usage Per Day, Add	*155.68*	
		For >16 To 24 Hours Usage Per Day, Add	*311.36*	
01 22 23 00-0611	WK	30 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 2.9 gallons per hour, 75% load - 2.4 gallons per hour, 50% load - 1.8 gallons per hour.	1,155.06	
		For >40 To 80 Hours Usage Per Week, Add	*462.02*	
		For >80 Hours Usage Per Week, Add	*924.05*	
01 22 23 00-0612	MO	30 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 2.9 gallons per hour, 75% load - 2.4 gallons per hour, 50% load - 1.8 gallons per hour.	2,385.45	
		For >160 To 320 Hours Usage Per Month, Add	*954.18*	
		For >320 Hours Usage Per Month, Add	*1,908.36*	
		For >6 Months (>26 Weeks), Deduct	*-95.42*	
01 22 23 00-0613	DAY	40.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 4.0 gallons per hour, 75% load - 3.2 gallons per hour, 50% load - 2.3 gallons per hour.	426.87	
		For >8 To 16 Hours Usage Per Day, Add	*170.75*	
		For >16 To 24 Hours Usage Per Day, Add	*341.50*	
01 22 23 00-0614	WK	40.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 4.0 gallons per hour, 75% load - 3.2 gallons per hour, 50% load - 2.3 gallons per hour.	1,192.72	
		For >40 To 80 Hours Usage Per Week, Add	*477.09*	
		For >80 Hours Usage Per Week, Add	*954.18*	
01 22 23 00-0615	MO	40.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 4.0 gallons per hour, 75% load - 3.2 gallons per hour, 50% load - 2.3 gallons per hour.	2,636.55	
		For >160 To 320 Hours Usage Per Month, Add	*1,054.62*	
		For >320 Hours Usage Per Month, Add	*2,109.24*	
		For >6 Months (>26 Weeks), Deduct	*-105.46*	
01 22 23 00-0616	DAY	55.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 4.8 gallons per hour, 75% load - 3.8 gallons per hour, 50% load - 2.9 gallons per hour.	458.26	
		For >8 To 16 Hours Usage Per Day, Add	*183.30*	
		For >16 To 24 Hours Usage Per Day, Add	*366.61*	
01 22 23 00-0617	WK	55.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 4.8 gallons per hour, 75% load - 3.8 gallons per hour, 50% load - 2.9 gallons per hour.	1,255.50	
		For >40 To 80 Hours Usage Per Week, Add	*502.20*	
		For >80 Hours Usage Per Week, Add	*1,004.40*	
01 22 23 00-0618	MO	55.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 4.8 gallons per hour, 75% load - 3.8 gallons per hour, 50% load - 2.9 gallons per hour.	3,013.20	
		For >160 To 320 Hours Usage Per Month, Add	*1,205.28*	
		For >320 Hours Usage Per Month, Add	*2,410.56*	
		For >6 Months (>26 Weeks), Deduct	*-120.53*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0619	DAY	70.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 5.7 gallons per hour, 75% load - 4.3 gallons per hour, 50% load - 3.2 gallons per hour.	502.20	
		For >8 To 16 Hours Usage Per Day, Add	*200.88*	
		For >16 To 24 Hours Usage Per Day, Add	*401.76*	
01 22 23 00-0620	WK	70.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 5.7 gallons per hour, 75% load - 4.3 gallons per hour, 50% load - 3.2 gallons per hour.	1,424.99	
		For >40 To 80 Hours Usage Per Week, Add	*570.00*	
		For >80 Hours Usage Per Week, Add	*1,139.99*	
01 22 23 00-0621	MO	70.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 5.7 gallons per hour, 75% load - 4.3 gallons per hour, 50% load - 3.2 gallons per hour.	3,389.85	
		For >160 To 320 Hours Usage Per Month, Add	*1,355.94*	
		For >320 Hours Usage Per Month, Add	*2,711.88*	
		For >6 Months (>26 Weeks), Deduct	*-135.59*	
01 22 23 00-0622	DAY	80.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 6.5 gallons per hour, 75% load - 4.9 gallons per hour, 50% load - 3.6 gallons per hour.	564.98	
		For >8 To 16 Hours Usage Per Day, Add	*225.99*	
		For >16 To 24 Hours Usage Per Day, Add	*451.98*	
01 22 23 00-0623	WK	80.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 6.5 gallons per hour, 75% load - 4.9 gallons per hour, 50% load - 3.6 gallons per hour.	1,506.60	
		For >40 To 80 Hours Usage Per Week, Add	*602.64*	
		For >80 Hours Usage Per Week, Add	*1,205.28*	
01 22 23 00-0624	MO	80.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 6.5 gallons per hour, 75% load - 4.9 gallons per hour, 50% load - 3.6 gallons per hour.	3,766.50	
		For >160 To 320 Hours Usage Per Month, Add	*1,506.60*	
		For >320 Hours Usage Per Month, Add	*3,013.20*	
		For >6 Months (>26 Weeks), Deduct	*-150.66*	
01 22 23 00-0625	DAY	100.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 7.4 gallons per hour, 75% load - 5.8 gallons per hour, 50% load - 4.1 gallons per hour.	583.81	
		For >8 To 16 Hours Usage Per Day, Add	*233.52*	
		For >16 To 24 Hours Usage Per Day, Add	*467.05*	
01 22 23 00-0626	WK	100.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 7.4 gallons per hour, 75% load - 5.8 gallons per hour, 50% load - 4.1 gallons per hour.	1,569.38	
		For >40 To 80 Hours Usage Per Week, Add	*627.75*	
		For >80 Hours Usage Per Week, Add	*1,255.50*	
01 22 23 00-0627	MO	100.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 7.4 gallons per hour, 75% load - 5.8 gallons per hour, 50% load - 4.1 gallons per hour.	4,268.70	
		For >160 To 320 Hours Usage Per Month, Add	*1,707.48*	
		For >320 Hours Usage Per Month, Add	*3,414.96*	
		For >6 Months (>26 Weeks), Deduct	*-170.75*	
01 22 23 00-0628	DAY	120.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 8.7 gallons per hour, 75% load - 6.8 gallons per hour, 50% load - 4.8 gallons per hour.	659.14	
		For >8 To 16 Hours Usage Per Day, Add	*263.66*	
		For >16 To 24 Hours Usage Per Day, Add	*527.31*	
01 22 23 00-0629	WK	120.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 8.7 gallons per hour, 75% load - 6.8 gallons per hour, 50% load - 4.8 gallons per hour.	1,820.48	
		For >40 To 80 Hours Usage Per Week, Add	*728.19*	
		For >80 Hours Usage Per Week, Add	*1,456.38*	
01 22 23 00-0630	MO	120.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 8.7 gallons per hour, 75% load - 6.8 gallons per hour, 50% load - 4.8 gallons per hour.	4,896.45	
		For >160 To 320 Hours Usage Per Month, Add	*1,958.58*	
		For >320 Hours Usage Per Month, Add	*3,917.16*	
		For >6 Months (>26 Weeks), Deduct	*-195.86*	
01 22 23 00-0631	DAY	140.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 10.2 gallons per hour, 75% load - 7.9 gallons per hour, 50% load - 5.6 gallons per hour.	690.52	
		For >8 To 16 Hours Usage Per Day, Add	*276.21*	
		For >16 To 24 Hours Usage Per Day, Add	*552.42*	
01 22 23 00-0632	WK	140.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 10.2 gallons per hour, 75% load - 7.9 gallons per hour, 50% load - 5.6 gallons per hour.	1,914.64	
		For >40 To 80 Hours Usage Per Week, Add	*765.86*	
		For >80 Hours Usage Per Week, Add	*1,531.71*	
01 22 23 00-0633	MO	140.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 10.2 gallons per hour, 75% load - 7.9 gallons per hour, 50% load - 5.6 gallons per hour.	5,398.65	
		For >160 To 320 Hours Usage Per Month, Add	*2,159.46*	
		For >320 Hours Usage Per Month, Add	*4,318.92*	
		For >6 Months (>26 Weeks), Deduct	*-215.95*	
01 22 23 00-0634	DAY	150.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 10.9 gallons per hour, 75% load - 8.4 gallons per hour, 50% load - 5.9 gallons per hour.	721.91	
		For >8 To 16 Hours Usage Per Day, Add	*288.76*	
		For >16 To 24 Hours Usage Per Day, Add	*577.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0635	WK	150.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 10.9 gallons per hour, 75% load - 8.4 gallons per hour, 50% load - 5.9 gallons per hour.	2,071.58	
		For >40 To 80 Hours Usage Per Week, Add	*828.63*	
		For >80 Hours Usage Per Week, Add	*1,657.26*	
01 22 23 00-0636	MO	150.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 10.9 gallons per hour, 75% load - 8.4 gallons per hour, 50% load - 5.9 gallons per hour.	5,649.75	
		For >160 To 320 Hours Usage Per Month, Add	*2,259.90*	
		For >320 Hours Usage Per Month, Add	*4,519.80*	
		For >6 Months (>26 Weeks), Deduct	*-225.99*	
01 22 23 00-0637	DAY	160.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 11.6 gallons per hour, 75% load - 8.9 gallons per hour, 50% load - 6.2 gallons per hour.	753.30	
		For >8 To 16 Hours Usage Per Day, Add	*301.32*	
		For >16 To 24 Hours Usage Per Day, Add	*602.64*	
01 22 23 00-0638	WK	160.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 11.6 gallons per hour, 75% load - 8.9 gallons per hour, 50% load - 6.2 gallons per hour.	2,197.12	
		For >40 To 80 Hours Usage Per Week, Add	*878.85*	
		For >80 Hours Usage Per Week, Add	*1,757.70*	
01 22 23 00-0639	MO	160.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 11.6 gallons per hour, 75% load - 8.9 gallons per hour, 50% load - 6.2 gallons per hour.	5,900.85	
		For >160 To 320 Hours Usage Per Month, Add	*2,360.34*	
		For >320 Hours Usage Per Month, Add	*4,720.68*	
		For >6 Months (>26 Weeks), Deduct	*-236.03*	
01 22 23 00-0640	DAY	175.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 12.7 gallons per hour, 75% load - 9.7 gallons per hour, 50% load - 6.8 gallons per hour.	753.30	
		For >8 To 16 Hours Usage Per Day, Add	*301.32*	
		For >16 To 24 Hours Usage Per Day, Add	*602.64*	
01 22 23 00-0641	WK	175.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 12.7 gallons per hour, 75% load - 9.7 gallons per hour, 50% load - 6.8 gallons per hour.	2,197.12	
		For >40 To 80 Hours Usage Per Week, Add	*878.85*	
		For >80 Hours Usage Per Week, Add	*1,757.70*	
01 22 23 00-0642	MO	175.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 12.7 gallons per hour, 75% load - 9.7 gallons per hour, 50% load - 6.8 gallons per hour.	5,900.85	
		For >160 To 320 Hours Usage Per Month, Add	*2,360.34*	
		For >320 Hours Usage Per Month, Add	*4,720.68*	
		For >6 Months (>26 Weeks), Deduct	*-236.03*	
01 22 23 00-0643	DAY	200.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 14.4 gallons per hour, 75% load - 11.0 gallons per hour, 50% load - 7.7 gallons per hour.	1,035.79	
		For >8 To 16 Hours Usage Per Day, Add	*414.32*	
		For >16 To 24 Hours Usage Per Day, Add	*828.63*	
01 22 23 00-0644	WK	200.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 14.4 gallons per hour, 75% load - 11.0 gallons per hour, 50% load - 7.7 gallons per hour.	2,573.78	
		For >40 To 80 Hours Usage Per Week, Add	*1,029.51*	
		For >80 Hours Usage Per Week, Add	*2,059.02*	
01 22 23 00-0645	MO	200.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 14.4 gallons per hour, 75% load - 11.0 gallons per hour, 50% load - 7.7 gallons per hour.	7,533.00	
		For >160 To 320 Hours Usage Per Month, Add	*3,013.20*	
		For >320 Hours Usage Per Month, Add	*6,026.40*	
		For >6 Months (>26 Weeks), Deduct	*-301.32*	
01 22 23 00-0646	DAY	250.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 19.8 gallons per hour, 75% load - 12.3 gallons per hour, 50% load - 8.6 gallons per hour.	1,098.56	
		For >8 To 16 Hours Usage Per Day, Add	*439.42*	
		For >16 To 24 Hours Usage Per Day, Add	*878.85*	
01 22 23 00-0647	WK	250.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 19.8 gallons per hour, 75% load - 12.3 gallons per hour, 50% load - 8.6 gallons per hour.	2,636.55	
		For >40 To 80 Hours Usage Per Week, Add	*1,054.62*	
		For >80 Hours Usage Per Week, Add	*2,109.24*	
01 22 23 00-0648	MO	250.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 19.8 gallons per hour, 75% load - 12.3 gallons per hour, 50% load - 8.6 gallons per hour.	7,784.10	
		For >160 To 320 Hours Usage Per Month, Add	*3,113.64*	
		For >320 Hours Usage Per Month, Add	*6,227.28*	
		For >6 Months (>26 Weeks), Deduct	*-311.36*	
01 22 23 00-0649	DAY	275.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 18.0 gallons per hour, 75% load - 13.6 gallons per hour, 50% load - 9.5 gallons per hour.	1,161.34	
		For >8 To 16 Hours Usage Per Day, Add	*464.54*	
		For >16 To 24 Hours Usage Per Day, Add	*929.07*	
01 22 23 00-0650	WK	275.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 18.0 gallons per hour, 75% load - 13.6 gallons per hour, 50% load - 9.5 gallons per hour.	2,699.32	
		For >40 To 80 Hours Usage Per Week, Add	*1,079.73*	
		For >80 Hours Usage Per Week, Add	*2,159.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0651	MO	275.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 18.0 gallons per hour, 75% load - 13.6 gallons per hour, 50% load - 9.5 gallons per hour.	8,035.20	
		For >160 To 320 Hours Usage Per Month, Add	*3,214.08*	
		For >320 Hours Usage Per Month, Add	*6,428.16*	
		For >6 Months (>26 Weeks), Deduct	*-321.41*	
01 22 23 00-0652	DAY	300.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 21.5 gallons per hour, 75% load - 16.1 gallons per hour, 50% load - 11.3 gallons per hour.	1,199.00	
		For >8 To 16 Hours Usage Per Day, Add	*479.60*	
		For >16 To 24 Hours Usage Per Day, Add	*959.20*	
01 22 23 00-0653	WK	300.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 21.5 gallons per hour, 75% load - 16.1 gallons per hour, 50% load - 11.3 gallons per hour.	2,887.65	
		For >40 To 80 Hours Usage Per Week, Add	*1,155.06*	
		For >80 Hours Usage Per Week, Add	*2,310.12*	
01 22 23 00-0654	MO	300.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 21.5 gallons per hour, 75% load - 16.1 gallons per hour, 50% load - 11.3 gallons per hour.	8,537.40	
		For >160 To 320 Hours Usage Per Month, Add	*3,414.96*	
		For >320 Hours Usage Per Month, Add	*6,829.92*	
		For >6 Months (>26 Weeks), Deduct	*-341.50*	
01 22 23 00-0655	DAY	350.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 25.1 gallons per hour, 75% load - 18.7 gallons per hour, 50% load - 13.1 gallons per hour.	1,255.50	
		For >8 To 16 Hours Usage Per Day, Add	*502.20*	
		For >16 To 24 Hours Usage Per Day, Add	*1,004.40*	
01 22 23 00-0656	WK	350.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 25.1 gallons per hour, 75% load - 18.7 gallons per hour, 50% load - 13.1 gallons per hour.	3,264.30	
		For >40 To 80 Hours Usage Per Week, Add	*1,305.72*	
		For >80 Hours Usage Per Week, Add	*2,611.44*	
01 22 23 00-0657	MO	350.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 25.1 gallons per hour, 75% load - 18.7 gallons per hour, 50% load - 13.1 gallons per hour.	9,416.25	
		For >160 To 320 Hours Usage Per Month, Add	*3,766.50*	
		For >320 Hours Usage Per Month, Add	*7,533.00*	
		For >6 Months (>26 Weeks), Deduct	*-376.65*	
01 22 23 00-0658	DAY	400.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 28.6 gallons per hour, 75% load - 21.3 gallons per hour, 50% load - 14.9 gallons per hour.	2,304.20	
		For >8 To 16 Hours Usage Per Day, Add	*921.68*	
		For >16 To 24 Hours Usage Per Day, Add	*1,843.36*	
01 22 23 00-0659	WK	400.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 28.6 gallons per hour, 75% load - 21.3 gallons per hour, 50% load - 14.9 gallons per hour.	5,957.44	
		For >40 To 80 Hours Usage Per Week, Add	*2,382.98*	
		For >80 Hours Usage Per Week, Add	*4,765.95*	
01 22 23 00-0660	MO	400.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 28.6 gallons per hour, 75% load - 21.3 gallons per hour, 50% load - 14.9 gallons per hour.	15,755.20	
		For >160 To 320 Hours Usage Per Month, Add	*6,302.08*	
		For >320 Hours Usage Per Month, Add	*12,604.16*	
		For >6 Months (>26 Weeks), Deduct	*-630.21*	
01 22 23 00-0661	DAY	500.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Fuel consumption: 100% load - 35.7 gallons per hour, 75% load - 26.4 gallons per hour, 50% load - 18.5 gallons per hour.	2,954.10	
		For >8 To 16 Hours Usage Per Day, Add	*1,181.64*	
		For >16 To 24 Hours Usage Per Day, Add	*2,363.28*	
01 22 23 00-0662	WK	500.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Fuel consumption: 100% load - 35.7 gallons per hour, 75% load - 26.4 gallons per hour, 50% load - 18.5 gallons per hour.	7,680.66	
		For >40 To 80 Hours Usage Per Week, Add	*3,072.26*	
		For >80 Hours Usage Per Week, Add	*6,144.53*	
01 22 23 00-0663	MO	500.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Fuel consumption: 100% load - 35.7 gallons per hour, 75% load - 26.4 gallons per hour, 50% load - 18.5 gallons per hour.	17,724.60	
		For >160 To 320 Hours Usage Per Month, Add	*7,089.84*	
		For >320 Hours Usage Per Month, Add	*14,179.68*	
		For >6 Months (>26 Weeks), Deduct	*-708.98*	
01 22 23 00-0664	DAY	640.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Fuel consumption: 100% load - 45.6 gallons per hour, 75% load - 33.5 gallons per hour, 50% load - 20.8 gallons per hour.	3,653.24	
		For >8 To 16 Hours Usage Per Day, Add	*1,461.30*	
		For >16 To 24 Hours Usage Per Day, Add	*2,922.59*	
01 22 23 00-0665	WK	640.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Fuel consumption: 100% load - 45.6 gallons per hour, 75% load - 33.5 gallons per hour, 50% load - 20.8 gallons per hour.	9,650.06	
		For >40 To 80 Hours Usage Per Week, Add	*3,860.02*	
		For >80 Hours Usage Per Week, Add	*7,720.05*	
01 22 23 00-0666	MO	640.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Fuel consumption: 100% load - 45.6 gallons per hour, 75% load - 33.5 gallons per hour, 50% load - 20.8 gallons per hour.	23,632.80	
		For >160 To 320 Hours Usage Per Month, Add	*9,453.12*	
		For >320 Hours Usage Per Month, Add	*18,906.24*	
		For >6 Months (>26 Weeks), Deduct	*-945.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0667	DAY	750.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Fuel consumption: 100% load - 53.4 gallons per hour, 75% load - 39.3 gallons per hour, 50% load - 24.4 gallons per hour.	3,948.65	
		For >8 To 16 Hours Usage Per Day, Add	*1,579.46*	
		For >16 To 24 Hours Usage Per Day, Add	*3,158.92*	
01 22 23 00-0668	WK	750.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Fuel consumption: 100% load - 53.4 gallons per hour, 75% load - 39.3 gallons per hour, 50% load - 24.4 gallons per hour.	9,098.63	
		For >40 To 80 Hours Usage Per Week, Add	*3,639.45*	
		For >80 Hours Usage Per Week, Add	*7,278.90*	
01 22 23 00-0669	MO	750.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Fuel consumption: 100% load - 53.4 gallons per hour, 75% load - 39.3 gallons per hour, 50% load - 24.4 gallons per hour.	27,295.88	
		For >160 To 320 Hours Usage Per Month, Add	*10,918.35*	
		For >320 Hours Usage Per Month, Add	*21,836.70*	
		For >6 Months (>26 Weeks), Deduct	*-1,091.84*	
01 22 23 00-0670	DAY	1,000.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Includes 1,000 Gallon fuel tank. Fuel consumption: 100% load - 71.1 gallons per hour, 75% load - 52.1 gallons per hour, 50% load - 36.4 gallons per hour.	4,480.38	
		For >8 To 16 Hours Usage Per Day, Add	*1,792.15*	
		For >16 To 24 Hours Usage Per Day, Add	*3,584.30*	
01 22 23 00-0671	WK	1,000.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Includes 1,000 Gallon fuel tank. Fuel consumption: 100% load - 71.1 gallons per hour, 75% load - 52.1 gallons per hour, 50% load - 36.4 gallons per hour.	11,708.08	
		For >40 To 80 Hours Usage Per Week, Add	*4,683.23*	
		For >80 Hours Usage Per Week, Add	*9,366.46*	
01 22 23 00-0672	MO	1,000.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Includes 1,000 Gallon fuel tank. Fuel consumption: 100% load - 71.1 gallons per hour, 75% load - 52.1 gallons per hour, 50% load - 36.4 gallons per hour.	32,071.68	
		For >160 To 320 Hours Usage Per Month, Add	*12,828.67*	
		For >320 Hours Usage Per Month, Add	*25,657.34*	
		For >6 Months (>26 Weeks), Deduct	*-1,282.87*	
01 22 23 00-0673	DAY	1,500.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Includes 1,000 Gallon fuel tank. Fuel consumption: 100% load - 106.5 gallons per hour, 75% load - 77.8 gallons per hour, 50% load - 54.3 gallons per hour.	5,908.20	
		For >8 To 16 Hours Usage Per Day, Add	*2,363.28*	
		For >16 To 24 Hours Usage Per Day, Add	*4,726.56*	
01 22 23 00-0674	WK	1,500.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Includes 1,000 Gallon fuel tank. Fuel consumption: 100% load - 106.5 gallons per hour, 75% load - 77.8 gallons per hour, 50% load - 54.3 gallons per hour.	17,724.60	
		For >40 To 80 Hours Usage Per Week, Add	*7,089.84*	
		For >80 Hours Usage Per Week, Add	*14,179.68*	
01 22 23 00-0675	MO	1,500.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Includes 1,000 Gallon fuel tank. Fuel consumption: 100% load - 106.5 gallons per hour, 75% load - 77.8 gallons per hour, 50% load - 54.3 gallons per hour.	50,820.37	
		For >160 To 320 Hours Usage Per Month, Add	*20,328.15*	
		For >320 Hours Usage Per Month, Add	*40,656.30*	
01 22 23 00-0676	DAY	2,000.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Includes 1,000 Gallon fuel tank. Fuel consumption: 100% load - 141.9 gallons per hour, 75% load - 103.5 gallons per hour, 50% load - 72.2 gallons per hour.	7,788.98	
		For >8 To 16 Hours Usage Per Day, Add	*3,115.59*	
		For >16 To 24 Hours Usage Per Day, Add	*6,231.18*	
01 22 23 00-0677	WK	2,000.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Includes 1,000 Gallon fuel tank. Fuel consumption: 100% load - 141.9 gallons per hour, 75% load - 103.5 gallons per hour, 50% load - 72.2 gallons per hour.	19,477.37	
		For >40 To 80 Hours Usage Per Week, Add	*7,790.95*	
		For >80 Hours Usage Per Week, Add	*15,581.90*	
01 22 23 00-0678	MO	2,000.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Includes 1,000 Gallon fuel tank. Fuel consumption: 100% load - 141.9 gallons per hour, 75% load - 103.5 gallons per hour, 50% load - 72.2 gallons per hour.	53,173.80	
		For >160 To 320 Hours Usage Per Month, Add	*21,269.52*	
		For >320 Hours Usage Per Month, Add	*42,539.04*	
		For >6 Months (>26 Weeks), Deduct	*-2,126.95*	
01 22 23 00-0679	EA	Up To 300 KW Generator Set Delivery, Set-Up, Testing And Pick-up	1,005.55	
01 22 23 00-0680	EA	350 To 750 KW Generator Set Delivery, Set-Up, Testing And Pick-up	1,634.46	
01 22 23 00-0681	EA	1,000 To 2,000 KW Generator Set Delivery, Set-Up, Testing And Pick-up	2,766.71	

01 22 23 00-0682 Cabling For Generator Sets *(01 22 23 00-0589)*

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

01 22 23 00-0683	DAY	#1 Banded Cable, 50' With Camlock Ends For Generator Set	27.62	
		For Half Day Usage, Deduct	*-8.63*	
01 22 23 00-0684	WK	#1 Banded Cable, 50' With Camlock Ends For Generator Set	48.34	
01 22 23 00-0685	MO	#1 Banded Cable, 50' With Camlock Ends For Generator Set	145.01	
		For >6 Months (>26 Weeks), Deduct	*-5.80*	
01 22 23 00-0686	DAY	50', 4/0 Cable With Camlock Ends For Generator Set	13.81	
		For Half Day Usage, Deduct	*-4.32*	
01 22 23 00-0687	WK	50', 4/0 Cable With Camlock Ends For Generator Set	40.18	
01 22 23 00-0688	MO	50', 4/0 Cable With Camlock Ends For Generator Set	111.74	
		For >6 Months (>26 Weeks), Deduct	*-4.47*	

01 22 23 00-0689 Resistive Load Banks For Generator Sets *(01 22 23 00-0589)*

Note: Includes delivery to job site and pick-up when complete. See CSI section 01 22 23 00-0710 for reimbursable fuel fees.

01 22 23 00-0690	DAY	100 KW A/C Resistive Load Bank	371.52	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0691	WK	100 KW A/C Resistive Load Bank	706.62	
01 22 23 00-0692	MO	100 KW A/C Resistive Load Bank	1,930.46	
		For >6 Months (>26 Weeks), Deduct	*-77.22*	
01 22 23 00-0693	DAY	650 KW A/C Resistive Load Bank	828.95	
01 22 23 00-0694	WK	650 KW A/C Resistive Load Bank	2,216.80	
01 22 23 00-0695	MO	650 KW A/C Resistive Load Bank	5,651.91	
		For >6 Months (>26 Weeks), Deduct	*-226.08*	

01 22 23 00-0696 Sub-Distribution Panels (Spider Box) For Generator Sets *(01 22 23 00-0589)*

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

01 22 23 00-0697	DAY	50 Amperes, 240 Volt, Single Phase, Sub-Distribution Panel (Spider Box)	67.80	
		For Half Day Usage, Deduct	*-21.19*	
01 22 23 00-0698	WK	50 Amperes, 240 Volt, Single Phase, Sub-Distribution Panel (Spider Box)	175.77	
01 22 23 00-0699	MO	50 Amperes, 240 Volt, Single Phase, Sub-Distribution Panel (Spider Box)	495.92	
		For >6 Months (>26 Weeks), Deduct	*-19.84*	

01 22 23 00-0700 Portable Distribution Panels For Generator Sets *(01 22 23 00-0589)*

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

01 22 23 00-0701	DAY	200 Amperes, 208 Volt, 3 Phase, Portable Spider Box Feeder Panel	150.66	
		For Half Day Usage, Deduct	*-47.08*	
01 22 23 00-0702	WK	200 Amperes, 208 Volt, 3 Phase, Portable Spider Box Feeder Panel	408.04	
01 22 23 00-0703	MO	200 Amperes, 208 Volt, 3 Phase, Portable Spider Box Feeder Panel	1,142.50	
		For >6 Months (>26 Weeks), Deduct	*-45.70*	
01 22 23 00-0704	DAY	100 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel	123.04	
		For Half Day Usage, Deduct	*-38.45*	
01 22 23 00-0705	WK	100 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel	320.15	
01 22 23 00-0706	MO	100 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel	910.24	
		For >6 Months (>26 Weeks), Deduct	*-36.41*	
01 22 23 00-0707	DAY	200 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel	156.94	
		For Half Day Usage, Deduct	*-49.04*	
01 22 23 00-0708	WK	200 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel	395.48	
01 22 23 00-0709	MO	200 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel	1,073.45	
		For >6 Months (>26 Weeks), Deduct	*-42.94*	

01 22 23 00-0710 Fuel Reimbursement For Generators *(01 22 23 00-0589)*

01 22 23 00-0711	EA	Fuel Reimbursement For Generators Note: Purchases made by the contractor for fuel will be reimbursed to the Contractor at the actual cost of the purchase, without mark-up, for which a receipt or bill is received. The Adjustment Factor applied to Reimbursable Fees will be 1.0000. The base cost of the purchase is $1.00, quantity will adjust cost to actual purchase cost; i.e., quantity of 125 = $125.00 purchase. If there are multiple purchases, each one shall be listed separately with a comment in the "note" block to identify the purchase.	1.00

01 22 23 00-0712 General Equipment *(01 22 23)*

01 22 23 00-0713 Jacks And Bracing *(01 22 23 00-0712)*

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

01 22 23 00-0714 Manual Hydraulic Jacks *(01 22 23 00-0713)*

01 22 23 00-0715	DAY	12 Ton Manual Hydraulic Bottle Jack	1.67	
		For Half Day Usage, Deduct	*-0.52*	
01 22 23 00-0716	WK	12 Ton Manual Hydraulic Bottle Jack	7.93	
01 22 23 00-0717	MO	12 Ton Manual Hydraulic Bottle Jack	28.50	
		For >6 Months (>26 Weeks), Deduct	*-1.14*	
01 22 23 00-0718	DAY	20 Ton Manual Hydraulic Bottle Jack	2.92	
		For Half Day Usage, Deduct	*-0.91*	
01 22 23 00-0719	WK	20 Ton Manual Hydraulic Bottle Jack	9.18	
01 22 23 00-0720	MO	20 Ton Manual Hydraulic Bottle Jack	34.76	
		For >6 Months (>26 Weeks), Deduct	*-1.39*	
01 22 23 00-0721	DAY	50 Ton Manual Hydraulic Bottle Jack	10.43	
		For Half Day Usage, Deduct	*-3.26*	
01 22 23 00-0722	WK	50 Ton Manual Hydraulic Bottle Jack	40.49	
01 22 23 00-0723	MO	50 Ton Manual Hydraulic Bottle Jack	145.66	
		For >6 Months (>26 Weeks), Deduct	*-5.83*	
01 22 23 00-0724	DAY	100 Ton Manual Hydraulic Bottle Jack	14.61	
		For Half Day Usage, Deduct	*-4.57*	
01 22 23 00-0725	WK	100 Ton Manual Hydraulic Bottle Jack	58.43	
01 22 23 00-0726	MO	100 Ton Manual Hydraulic Bottle Jack	210.46	
		For >6 Months (>26 Weeks), Deduct	*-8.42*	

01 22 23 00-0727 Manual Screw Jacks *(01 22 23 00-0713)*

01 22 23 00-0728	DAY	10 To 20 Ton Manual Screw Jack	19.16	
		For Half Day Usage, Deduct	*-5.99*	
01 22 23 00-0729	WK	10 To 20 Ton Manual Screw Jack	50.71	
01 22 23 00-0730	MO	10 To 20 Ton Manual Screw Jack	152.12	
		For >6 Months (>26 Weeks), Deduct	*-6.08*	

01 22 23 00-0731 Shores/Braces *(01 22 23 00-0713)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0732	MO	Up To 5' Height, Adjustable Tubular Steel Shoring	15.78	
01 22 23 00-0733	MO	Up To 10' Height, Adjustable Tubular Steel Shoring	20.28	
01 22 23 00-0734	MO	>10' To 16' Height, Adjustable Tubular Steel Shoring	27.04	
01 22 23 00-0735	MO	Up To 10' Height, Adjustable Wood Shoring	6.21	
01 22 23 00-0736	MO	>10' To 16' Height, Adjustable Wood Shoring	8.28	
01 22 23 00-0737	EA	Erect And Strip Shores To 10'	12.88	
		For >20 To 50, Deduct	*-1.93*	
		For >50 To 100, Deduct	*-4.51*	
		For >100, Deduct	*-7.08*	
01 22 23 00-0738	EA	Erect And Strip Shores To 13'	15.45	
		For >20 To 50, Deduct	*-2.32*	
		For >50 To 100, Deduct	*-5.41*	
		For >100, Deduct	*-8.50*	
01 22 23 00-0739	EA	Erect And Strip Shores To 16'	18.02	
		For >20 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-6.31*	
		For >100, Deduct	*-9.91*	

01 22 23 00-0740 Pressure Washers *(01 22 23 00-0712)*

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

01 22 23 00-0741	DAY	2,000 PSI Pressure Washer With Full-Time Operator	957.20	
		For Equipment Without Operator, Deduct	*-819.14*	
		For Half Day Usage, Deduct	*-452.71*	
01 22 23 00-0742	WK	2,000 PSI Pressure Washer With Full-Time Operator	4,446.14	
		For Equipment Without Operator, Deduct	*-4,095.68*	
01 22 23 00-0743	MO	2,000 PSI Pressure Washer With Full-Time Operator	18,640.05	
		For Equipment Without Operator, Deduct	*-17,747.97*	
		For >6 Months (>26 Weeks), Deduct	*-35.68*	
01 22 23 00-0744	DAY	2,500 PSI Pressure Washer With Full-Time Operator	957.20	
		For Equipment Without Operator, Deduct	*-819.14*	
		For Half Day Usage, Deduct	*-452.71*	
01 22 23 00-0745	WK	2,500 PSI Pressure Washer With Full-Time Operator	4,446.14	
		For Equipment Without Operator, Deduct	*-4,095.68*	
01 22 23 00-0746	MO	2,500 PSI Pressure Washer With Full-Time Operator	18,640.05	
		For Equipment Without Operator, Deduct	*-17,747.97*	
		For >6 Months (>26 Weeks), Deduct	*-35.68*	
01 22 23 00-0747	DAY	3,000 PSI Pressure Washer With Full-Time Operator	957.20	
		For Equipment Without Operator, Deduct	*-819.14*	
		For Half Day Usage, Deduct	*-452.71*	
01 22 23 00-0748	WK	3,000 PSI Pressure Washer With Full-Time Operator	4,446.14	
		For Equipment Without Operator, Deduct	*-4,095.68*	
01 22 23 00-0749	MO	3,000 PSI Pressure Washer With Full-Time Operator	18,640.05	
		For Equipment Without Operator, Deduct	*-17,747.97*	
		For >6 Months (>26 Weeks), Deduct	*-35.68*	
01 22 23 00-0750	DAY	3,500 PSI Pressure Washer With Full-Time Operator	967.82	
		For Equipment Without Operator, Deduct	*-819.14*	
		For Half Day Usage, Deduct	*-456.03*	
01 22 23 00-0751	WK	3,500 PSI Pressure Washer With Full-Time Operator	4,478.00	
		For Equipment Without Operator, Deduct	*-4,095.68*	
01 22 23 00-0752	MO	3,500 PSI Pressure Washer With Full-Time Operator	18,725.01	
		For Equipment Without Operator, Deduct	*-17,747.97*	
		For >6 Months (>26 Weeks), Deduct	*-39.08*	
01 22 23 00-0753	DAY	4,000 PSI Pressure Washer With Full-Time Operator	1,010.30	
		For Equipment Without Operator, Deduct	*-819.14*	
		For Half Day Usage, Deduct	*-469.31*	
01 22 23 00-0754	WK	4,000 PSI Pressure Washer With Full-Time Operator	4,616.06	
		For Equipment Without Operator, Deduct	*-4,095.68*	
01 22 23 00-0755	MO	4,000 PSI Pressure Washer With Full-Time Operator	19,202.91	
		For Equipment Without Operator, Deduct	*-17,747.97*	
		For >6 Months (>26 Weeks), Deduct	*-58.20*	
01 22 23 00-0756	DAY	5,000 PSI Pressure Washer With Full-Time Operator	1,031.54	
		For Equipment Without Operator, Deduct	*-819.14*	
		For Half Day Usage, Deduct	*-475.95*	
01 22 23 00-0757	WK	5,000 PSI Pressure Washer With Full-Time Operator	4,669.16	
		For Equipment Without Operator, Deduct	*-4,095.68*	
01 22 23 00-0758	MO	5,000 PSI Pressure Washer With Full-Time Operator	19,362.21	
		For Equipment Without Operator, Deduct	*-17,747.97*	
		For >6 Months (>26 Weeks), Deduct	*-64.57*	

01 22 23 00-0759 Confined Space Entry Equipment *(01 22 23 00-0712)*

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

01 22 23 00-0760	DAY	Ventilation Equipment For Confined Space Note: Includes electric or gas blower and ventilation duct up to 25'.	51.10	
		For Half Day Usage, Deduct	*-15.97*	
01 22 23 00-0761	WK	Ventilation Equipment For Confined Space Note: Includes electric or gas blower and ventilation duct up to 25'.	153.30	
01 22 23 00-0762	MO	Ventilation Equipment For Confined Space Note: Includes electric or gas blower and ventilation duct up to 25'.	457.48	
		For >6 Months (>26 Weeks), Deduct	*-18.30*	
01 22 23 00-0763	DAY	Confined Space Air Monitor, Tripod, Harness, Cables, SCBAs And Complete Assembly	66.13	
		For Half Day Usage, Deduct	*-20.67*	
01 22 23 00-0764	WK	Confined Space Air Monitor, Tripod, Harness, Cables, SCBAs And Complete Assembly	198.38	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0765	MO	Confined Space Air Monitor, Tripod, Harness, Cables, SCBAs And Complete Assembly	595.14	
		For >6 Months (>26 Weeks), Deduct	*-23.81*	
01 22 23 00-0766	DAY	Confined Space Air Monitor Personnel	819.14	
		Note: Per person day.		
		For Half Day Usage, Deduct	*-409.57*	

01 22 23 00-0767 Direct Fired Space Heaters *(01 22 23 00-0712)*

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

01 22 23 00-0768	DAY	150,000 BTU/Hour Space Heater	76.92	
		For Half Day Usage, Deduct	*-24.04*	
01 22 23 00-0769	WK	150,000 BTU/Hour Space Heater	221.14	
01 22 23 00-0770	MO	150,000 BTU/Hour Space Heater	624.98	
		For >6 Months (>26 Weeks), Deduct	*-25.00*	
01 22 23 00-0771	DAY	500,000 BTU/Hour Space Heater	163.46	
		For Half Day Usage, Deduct	*-51.08*	
01 22 23 00-0772	WK	500,000 BTU/Hour Space Heater	403.83	
01 22 23 00-0773	MO	500,000 BTU/Hour Space Heater	1,021.11	
		For >6 Months (>26 Weeks), Deduct	*-40.84*	

01 22 23 00-0774 Trailer Mounted Brush Chipper *(01 22 23 00-0712)*

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

01 22 23 00-0775	DAY	4" Capacity, Trailer Mounted Brush Chipper For Emergency Clean-up	187.47	
		For Half Day Usage, Deduct	*-58.58*	
01 22 23 00-0776	WK	4" Capacity, Trailer Mounted Brush Chipper For Emergency Clean-up	448.30	
01 22 23 00-0777	MO	4" Capacity, Trailer Mounted Brush Chipper For Emergency Clean-up	1,377.52	
		For >6 Months (>26 Weeks), Deduct	*-55.10*	
01 22 23 00-0778	DAY	6" Capacity, Trailer Mounted Brush Chipper For Emergency Clean-up	244.53	
		For Half Day Usage, Deduct	*-76.42*	
01 22 23 00-0779	WK	6" Capacity, Trailer Mounted Brush Chipper For Emergency Clean-up	551.01	
01 22 23 00-0780	MO	6" Capacity, Trailer Mounted Brush Chipper For Emergency Clean-up	1,467.18	
		For >6 Months (>26 Weeks), Deduct	*-58.69*	
01 22 23 00-0781	DAY	9" Capacity, Trailer Mounted Brush Chipper For Emergency Clean-up	456.46	
		For Half Day Usage, Deduct	*-142.64*	
01 22 23 00-0782	WK	9" Capacity, Trailer Mounted Brush Chipper For Emergency Clean-up	1,027.03	
01 22 23 00-0783	MO	9" Capacity, Trailer Mounted Brush Chipper For Emergency Clean-up	2,738.74	
		For >6 Months (>26 Weeks), Deduct	*-109.55*	
01 22 23 00-0784	DAY	12" Capacity, Trailer Mounted Brush Chipper For Emergency Clean-up	575.32	
		For Half Day Usage, Deduct	*-179.79*	
01 22 23 00-0785	WK	12" Capacity, Trailer Mounted Brush Chipper For Emergency Clean-up	1,294.46	
01 22 23 00-0786	MO	12" Capacity, Trailer Mounted Brush Chipper For Emergency Clean-up	3,451.90	
		For >6 Months (>26 Weeks), Deduct	*-138.08*	

01 22 23 00-0787 Material Handling Equipment *(01 22 23)*

01 22 23 00-0788 Truck Mounted Hydraulic Cranes *(01 22 23 00-0787)*

Note: Includes full-time operator, delivery, set-up, rigging, all necessary counter weights and removal time in rental period. Excludes lattice boom extension.

01 22 23 00-0789	DAY	6 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	1,480.26	
		For Equipment Without Operator, Deduct	*-1,006.71*	
		For Half Day Usage, Deduct	*-651.34*	
01 22 23 00-0790	WK	6 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	6,468.11	
		For Equipment Without Operator, Deduct	*-5,033.53*	
01 22 23 00-0791	MO	6 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	26,129.65	
		For Equipment Without Operator, Deduct	*-21,811.97*	
		For >6 Months (>26 Weeks), Deduct	*-172.71*	
01 22 23 00-0792	DAY	8 To 9 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	1,605.61	
		For Equipment Without Operator, Deduct	*-1,006.71*	
		For Half Day Usage, Deduct	*-690.51*	
01 22 23 00-0793	WK	8 To 9 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	6,840.69	
		For Equipment Without Operator, Deduct	*-5,033.53*	
01 22 23 00-0794	MO	8 To 9 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	27,243.89	
		For Equipment Without Operator, Deduct	*-21,811.97*	
		For >6 Months (>26 Weeks), Deduct	*-217.28*	
01 22 23 00-0795	DAY	14 To 15 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	1,730.97	
		For Equipment Without Operator, Deduct	*-1,006.71*	
		For Half Day Usage, Deduct	*-729.69*	
01 22 23 00-0796	WK	14 To 15 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	7,213.26	
		For Equipment Without Operator, Deduct	*-5,033.53*	
01 22 23 00-0797	MO	14 To 15 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	28,358.13	
		For Equipment Without Operator, Deduct	*-21,811.97*	
		For >6 Months (>26 Weeks), Deduct	*-261.85*	
01 22 23 00-0798	DAY	20 To 25 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	1,898.10	
		For Equipment Without Operator, Deduct	*-1,006.71*	
		For Half Day Usage, Deduct	*-781.91*	
01 22 23 00-0799	WK	20 To 25 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	7,714.67	
		For Equipment Without Operator, Deduct	*-5,033.53*	
01 22 23 00-0800	MO	20 To 25 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	29,855.39	
		For Equipment Without Operator, Deduct	*-21,811.97*	
		For >6 Months (>26 Weeks), Deduct	*-321.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0801	DAY	30 To 35 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	2,051.31	
		For Equipment Without Operator, Deduct	*-1,006.71*	
		For Half Day Usage, Deduct	*-829.79*	
01 22 23 00-0802	WK	30 To 35 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	8,752.31	
		For Equipment Without Operator, Deduct	*-5,033.53*	
01 22 23 00-0803	MO	30 To 35 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	32,965.51	
		For Equipment Without Operator, Deduct	*-21,811.97*	
		For >6 Months (>26 Weeks), Deduct	*-446.14*	
01 22 23 00-0804	DAY	40 To 45 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	2,413.44	
		For Equipment Without Operator, Deduct	*-1,006.71*	
		For Half Day Usage, Deduct	*-942.96*	
01 22 23 00-0805	WK	40 To 45 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	10,047.61	
		For Equipment Without Operator, Deduct	*-5,033.53*	
01 22 23 00-0806	MO	40 To 45 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	36,854.21	
		For Equipment Without Operator, Deduct	*-21,811.97*	
		For >6 Months (>26 Weeks), Deduct	*-601.69*	
01 22 23 00-0807	DAY	50 To 55 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	2,643.25	
		For Equipment Without Operator, Deduct	*-1,006.71*	
		For Half Day Usage, Deduct	*-1,014.77*	
01 22 23 00-0808	WK	50 To 55 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	10,855.43	
		For Equipment Without Operator, Deduct	*-5,033.53*	
01 22 23 00-0809	MO	50 To 55 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	39,283.25	
		For Equipment Without Operator, Deduct	*-21,811.97*	
		For >6 Months (>26 Weeks), Deduct	*-698.85*	
01 22 23 00-0810	DAY	60 To 65 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	2,824.31	
		For Equipment Without Operator, Deduct	*-1,006.71*	
		For Half Day Usage, Deduct	*-1,071.36*	
01 22 23 00-0811	WK	60 To 65 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	11,510.05	
		For Equipment Without Operator, Deduct	*-5,033.53*	
01 22 23 00-0812	MO	60 To 65 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	41,244.32	
		For Equipment Without Operator, Deduct	*-21,811.97*	
		For >6 Months (>26 Weeks), Deduct	*-777.29*	
01 22 23 00-0813	DAY	70 To 75 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	3,005.38	
		For Equipment Without Operator, Deduct	*-1,006.71*	
		For Half Day Usage, Deduct	*-1,127.94*	
01 22 23 00-0814	WK	70 To 75 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	12,164.67	
		For Equipment Without Operator, Deduct	*-5,033.53*	
01 22 23 00-0815	MO	70 To 75 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	43,205.38	
		For Equipment Without Operator, Deduct	*-21,811.97*	
		For >6 Months (>26 Weeks), Deduct	*-855.74*	
01 22 23 00-0816	DAY	85 To 90 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	3,123.77	
		For Equipment Without Operator, Deduct	*-1,006.71*	
		For Half Day Usage, Deduct	*-1,164.94*	
01 22 23 00-0817	WK	85 To 90 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	12,568.58	
		For Equipment Without Operator, Deduct	*-5,033.53*	
01 22 23 00-0818	MO	85 To 90 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	44,431.04	
		For Equipment Without Operator, Deduct	*-21,811.97*	
		For >6 Months (>26 Weeks), Deduct	*-904.76*	
01 22 23 00-0819	DAY	100 To 110 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	3,283.94	
		For Equipment Without Operator, Deduct	*-1,006.71*	
		For Half Day Usage, Deduct	*-1,214.99*	
01 22 23 00-0820	WK	100 To 110 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	13,167.48	
		For Equipment Without Operator, Deduct	*-5,033.53*	
01 22 23 00-0821	MO	100 To 110 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	46,213.83	
		For Equipment Without Operator, Deduct	*-21,811.97*	
		For >6 Months (>26 Weeks), Deduct	*-976.07*	
01 22 23 00-0822	DAY	120 To 125 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	3,799.27	
		For Equipment Without Operator, Deduct	*-1,006.71*	
		For Half Day Usage, Deduct	*-1,376.03*	
01 22 23 00-0823	WK	120 To 125 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	14,807.50	
		For Equipment Without Operator, Deduct	*-5,033.53*	
01 22 23 00-0824	MO	120 To 125 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	51,133.89	
		For Equipment Without Operator, Deduct	*-21,811.97*	
		For >6 Months (>26 Weeks), Deduct	*-1,172.88*	
01 22 23 00-0825	DAY	140 To 150 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	4,154.44	
		For Equipment Without Operator, Deduct	*-1,006.71*	
		For Half Day Usage, Deduct	*-1,487.02*	
01 22 23 00-0826	WK	140 To 150 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	16,050.58	
		For Equipment Without Operator, Deduct	*-5,033.53*	
01 22 23 00-0827	MO	140 To 150 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	54,863.11	
		For Equipment Without Operator, Deduct	*-21,811.97*	
		For >6 Months (>26 Weeks), Deduct	*-1,322.05*	
01 22 23 00-0828	DAY	175 To 185 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	4,795.13	
		For Equipment Without Operator, Deduct	*-1,006.71*	
		For Half Day Usage, Deduct	*-1,687.24*	
01 22 23 00-0829	WK	175 To 185 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	18,292.99	
		For Equipment Without Operator, Deduct	*-5,033.53*	
01 22 23 00-0830	MO	175 To 185 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	61,590.34	
		For Equipment Without Operator, Deduct	*-21,811.97*	
		For >6 Months (>26 Weeks), Deduct	*-1,591.13*	
01 22 23 00-0831	DAY	200 To 210 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	5,240.82	
		For Equipment Without Operator, Deduct	*-1,006.71*	
		For Half Day Usage, Deduct	*-1,826.51*	
01 22 23 00-0832	WK	200 To 210 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	19,852.92	
		For Equipment Without Operator, Deduct	*-5,033.53*	

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		MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0833	MO	200 To 210 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	66,270.15	
		For Equipment Without Operator, Deduct	*-21,811.97*	
		For >6 Months (>26 Weeks), Deduct	*-1,778.33*	

01 22 23 00-0834 Cable Controlled Lattice Boom, Mechanical Cranes *(01 22 23 00-0787)*

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

01 22 23 00-0835	DAY	75 To 80 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator	2,678.07	
		For Equipment Without Operator, Deduct	*-1,006.71*	
01 22 23 00-0836	WK	75 To 80 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator	10,994.71	
		For Equipment Without Operator, Deduct	*-5,033.53*	
01 22 23 00-0837	MO	75 To 80 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator	39,695.52	
		For Equipment Without Operator, Deduct	*-21,811.97*	
		For >6 Months (>26 Weeks), Deduct	*-715.34*	
01 22 23 00-0838	DAY	100 To 110 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator	3,966.41	
		For Equipment Without Operator, Deduct	*-1,006.71*	
01 22 23 00-0839	WK	100 To 110 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator	13,139.63	
		For Equipment Without Operator, Deduct	*-5,033.53*	
01 22 23 00-0840	MO	100 To 110 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator	46,130.26	
		For Equipment Without Operator, Deduct	*-21,811.97*	
		For >6 Months (>26 Weeks), Deduct	*-972.73*	
01 22 23 00-0841	DAY	125 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Or Crawler Mechanical Crane With Full-Time Operator	4,175.33	
		For Equipment Without Operator, Deduct	*-1,006.71*	
01 22 23 00-0842	WK	125 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Or Crawler Mechanical Crane With Full-Time Operator	14,664.74	
		For Equipment Without Operator, Deduct	*-5,033.53*	
01 22 23 00-0843	MO	125 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Or Crawler Mechanical Crane With Full-Time Operator	50,704.21	
		For Equipment Without Operator, Deduct	*-21,811.97*	
		For >6 Months (>26 Weeks), Deduct	*-1,155.69*	
01 22 23 00-0844	DAY	150 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Or Crawler Mechanical Crane With Full-Time Operator	4,593.17	
		For Equipment Without Operator, Deduct	*-1,006.71*	
01 22 23 00-0845	WK	150 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Or Crawler Mechanical Crane With Full-Time Operator	16,189.86	
		For Equipment Without Operator, Deduct	*-5,033.53*	
01 22 23 00-0846	MO	150 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Or Crawler Mechanical Crane With Full-Time Operator	55,272.60	
		For Equipment Without Operator, Deduct	*-21,811.97*	
		For >6 Months (>26 Weeks), Deduct	*-1,338.43*	
01 22 23 00-0847	DAY	200 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	4,791.64	
		For Equipment Without Operator, Deduct	*-1,006.71*	
01 22 23 00-0848	WK	200 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	17,714.97	
		For Equipment Without Operator, Deduct	*-5,033.53*	
01 22 23 00-0849	MO	200 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	59,852.12	
		For Equipment Without Operator, Deduct	*-21,811.97*	
		For >6 Months (>26 Weeks), Deduct	*-1,521.61*	
01 22 23 00-0850	DAY	250 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	4,990.12	
		For Equipment Without Operator, Deduct	*-1,006.71*	
01 22 23 00-0851	WK	250 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	19,240.09	
		For Equipment Without Operator, Deduct	*-5,033.53*	
01 22 23 00-0852	MO	250 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	64,431.65	
		For Equipment Without Operator, Deduct	*-21,811.97*	
		For >6 Months (>26 Weeks), Deduct	*-1,704.79*	
01 22 23 00-0853	DAY	300 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	5,644.73	
		For Equipment Without Operator, Deduct	*-1,006.71*	
01 22 23 00-0854	WK	300 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	21,586.96	
		For Equipment Without Operator, Deduct	*-5,033.53*	
01 22 23 00-0855	MO	300 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	71,462.50	
		For Equipment Without Operator, Deduct	*-21,811.97*	
		For >6 Months (>26 Weeks), Deduct	*-1,986.02*	
01 22 23 00-0856	DAY	500 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	9,669.93	
		For Equipment Without Operator, Deduct	*-1,006.71*	
01 22 23 00-0857	WK	500 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	35,932.80	
		For Equipment Without Operator, Deduct	*-5,033.53*	
01 22 23 00-0858	MO	500 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	114,516.74	
		For Equipment Without Operator, Deduct	*-21,811.97*	
		For >6 Months (>26 Weeks), Deduct	*-3,708.19*	

01 22 23 00-0859 Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklifts *(01 22 23 00-0787)*

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

01 22 23 00-0860	DAY	5,000 Lb. Capacity, Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	1,609.02	
		For Equipment Without Operator, Deduct	*-985.82*	
		For Half Day Usage, Deduct	*-687.66*	
01 22 23 00-0861	WK	5,000 Lb. Capacity, Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	6,454.32	
		For Equipment Without Operator, Deduct	*-4,929.12*	
01 22 23 00-0862	MO	5,000 Lb. Capacity, Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	24,639.52	
		For Equipment Without Operator, Deduct	*-21,359.52*	
		For >6 Months (>26 Weeks), Deduct	*-131.20*	
01 22 23 00-0863	DAY	6,000 Lb. Capacity, Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	1,674.62	
		For Equipment Without Operator, Deduct	*-985.82*	
		For Half Day Usage, Deduct	*-708.16*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0864	WK	6,000 Lb. Capacity, Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	6,601.92	
		For Equipment Without Operator, Deduct	*-4,929.12*	
01 22 23 00-0865	MO	6,000 Lb. Capacity, Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	24,967.52	
		For Equipment Without Operator, Deduct	*-21,359.52*	
		For >6 Months (>26 Weeks), Deduct	*-144.32*	
01 22 23 00-0866	DAY	8,000 Lb. Capacity, Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	1,658.22	
		For Equipment Without Operator, Deduct	*-985.82*	
		For Half Day Usage, Deduct	*-703.04*	
01 22 23 00-0867	WK	8,000 Lb. Capacity, Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	6,675.72	
		For Equipment Without Operator, Deduct	*-4,929.12*	
01 22 23 00-0868	MO	8,000 Lb. Capacity, Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	25,459.52	
		For Equipment Without Operator, Deduct	*-21,359.52*	
		For >6 Months (>26 Weeks), Deduct	*-164.00*	
01 22 23 00-0869	DAY	10,000 Lb. Capacity, Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	1,846.82	
		For Equipment Without Operator, Deduct	*-985.82*	
		For Half Day Usage, Deduct	*-761.97*	
01 22 23 00-0870	WK	10,000 Lb. Capacity, Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	7,167.72	
		For Equipment Without Operator, Deduct	*-4,929.12*	
01 22 23 00-0871	MO	10,000 Lb. Capacity, Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	26,607.52	
		For Equipment Without Operator, Deduct	*-21,359.52*	
		For >6 Months (>26 Weeks), Deduct	*-209.92*	

01 22 23 00-0872 Straight Mast, Rough Terrain Construction Forklifts *(01 22 23 00-0787)*

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

01 22 23 00-0873	DAY	5,000 Lb. Capacity, Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	1,390.90	
		For Equipment Without Operator, Deduct	*-985.82*	
		For Propane Instead Of Gas Or Diesel, Add	*81.02*	
		For Half Day Usage, Deduct	*-619.50*	
01 22 23 00-0874	WK	5,000 Lb. Capacity, Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	6,035.30	
		For Equipment Without Operator, Deduct	*-4,929.12*	
		For Propane Instead Of Gas Or Diesel, Add	*221.24*	
01 22 23 00-0875	MO	5,000 Lb. Capacity, Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	23,891.27	
		For Equipment Without Operator, Deduct	*-21,359.52*	
		For Propane Instead Of Gas Or Diesel, Add	*506.35*	
		For >6 Months (>26 Weeks), Deduct	*-101.27*	
01 22 23 00-0876	DAY	6,000 Lb. Capacity, Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	1,412.22	
		For Equipment Without Operator, Deduct	*-985.82*	
		For Propane Instead Of Gas Or Diesel, Add	*85.28*	
		For Half Day Usage, Deduct	*-626.16*	
01 22 23 00-0877	WK	6,000 Lb. Capacity, Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	6,093.52	
		For Equipment Without Operator, Deduct	*-4,929.12*	
		For Propane Instead Of Gas Or Diesel, Add	*232.88*	
01 22 23 00-0878	MO	6,000 Lb. Capacity, Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	24,024.52	
		For Equipment Without Operator, Deduct	*-21,359.52*	
		For Propane Instead Of Gas Or Diesel, Add	*533.00*	
		For >6 Months (>26 Weeks), Deduct	*-106.60*	
01 22 23 00-0879	DAY	8,000 Lb. Capacity, Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	1,527.02	
		For Equipment Without Operator, Deduct	*-985.82*	
		For Propane Instead Of Gas Or Diesel, Add	*108.24*	
		For Half Day Usage, Deduct	*-662.04*	
01 22 23 00-0880	WK	8,000 Lb. Capacity, Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	6,413.32	
		For Equipment Without Operator, Deduct	*-4,929.12*	
		For Propane Instead Of Gas Or Diesel, Add	*296.84*	
01 22 23 00-0881	MO	8,000 Lb. Capacity, Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	24,762.52	
		For Equipment Without Operator, Deduct	*-21,359.52*	
		For Propane Instead Of Gas Or Diesel, Add	*680.60*	
		For >6 Months (>26 Weeks), Deduct	*-136.12*	
01 22 23 00-0882	DAY	10,000 Lb. Capacity, Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	1,590.24	
		For Equipment Without Operator, Deduct	*-985.82*	
		For Propane Instead Of Gas Or Diesel, Add	*120.88*	
		For Half Day Usage, Deduct	*-681.79*	
01 22 23 00-0883	WK	10,000 Lb. Capacity, Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	6,385.93	
		For Equipment Without Operator, Deduct	*-4,929.12*	
		For Propane Instead Of Gas Or Diesel, Add	*291.36*	
01 22 23 00-0884	MO	10,000 Lb. Capacity, Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	24,986.05	
		For Equipment Without Operator, Deduct	*-21,359.52*	
		For Propane Instead Of Gas Or Diesel, Add	*725.31*	
		For >6 Months (>26 Weeks), Deduct	*-145.06*	

01 22 23 00-0885 Straight Mast, Industrial Warehouse Forklifts *(01 22 23 00-0787)*

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

01 22 23 00-0886	DAY	5,000 Lb. Capacity, Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	1,330.22	
		For Equipment Without Operator, Deduct	*-985.82*	
		For Propane Instead Of Gas Or Diesel, Add	*68.88*	
		For Half Day Usage, Deduct	*-600.54*	
01 22 23 00-0887	WK	5,000 Lb. Capacity, Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	5,716.32	
		For Equipment Without Operator, Deduct	*-4,929.12*	
		For Propane Instead Of Gas Or Diesel, Add	*157.44*	
01 22 23 00-0888	MO	5,000 Lb. Capacity, Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	23,245.52	
		For Equipment Without Operator, Deduct	*-21,359.52*	
		For Propane Instead Of Gas Or Diesel, Add	*377.20*	
		For >6 Months (>26 Weeks), Deduct	*-75.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0889	DAY	6,000 Lb. Capacity, Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	1,338.42	
		For Equipment Without Operator, Deduct	*-985.82*	
		For Propane Instead Of Gas Or Diesel, Add	*70.52*	
		For Half Day Usage, Deduct	*-603.10*	
01 22 23 00-0890	WK	6,000 Lb. Capacity, Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	5,740.92	
		For Equipment Without Operator, Deduct	*-4,929.12*	
		For Propane Instead Of Gas Or Diesel, Add	*162.36*	
01 22 23 00-0891	MO	6,000 Lb. Capacity, Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	23,302.92	
		For Equipment Without Operator, Deduct	*-21,359.52*	
		For Propane Instead Of Gas Or Diesel, Add	*388.68*	
		For >6 Months (>26 Weeks), Deduct	*-77.74*	
01 22 23 00-0892	DAY	8,000 Lb. Capacity, Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	1,510.62	
		For Equipment Without Operator, Deduct	*-985.82*	
		For Propane Instead Of Gas Or Diesel, Add	*104.96*	
		For Half Day Usage, Deduct	*-656.91*	
01 22 23 00-0893	WK	8,000 Lb. Capacity, Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	6,118.12	
		For Equipment Without Operator, Deduct	*-4,929.12*	
		For Propane Instead Of Gas Or Diesel, Add	*237.80*	
01 22 23 00-0894	MO	8,000 Lb. Capacity, Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	24,229.52	
		For Equipment Without Operator, Deduct	*-21,359.52*	
		For Propane Instead Of Gas Or Diesel, Add	*574.00*	
		For >6 Months (>26 Weeks), Deduct	*-114.80*	
01 22 23 00-0895	DAY	12,000 Lb. Capacity, Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	1,527.02	
		For Equipment Without Operator, Deduct	*-985.82*	
		For Propane Instead Of Gas Or Diesel, Add	*108.24*	
		For Half Day Usage, Deduct	*-662.04*	
01 22 23 00-0896	WK	12,000 Lb. Capacity, Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	6,257.52	
		For Equipment Without Operator, Deduct	*-4,929.12*	
		For Propane Instead Of Gas Or Diesel, Add	*265.68*	
01 22 23 00-0897	MO	12,000 Lb. Capacity, Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	24,721.52	
		For Equipment Without Operator, Deduct	*-21,359.52*	
		For Propane Instead Of Gas Or Diesel, Add	*672.40*	
		For >6 Months (>26 Weeks), Deduct	*-134.48*	
01 22 23 00-0898	DAY	15,000 Lb. Capacity, Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	1,674.62	
		For Equipment Without Operator, Deduct	*-985.82*	
		For Propane Instead Of Gas Or Diesel, Add	*137.76*	
		For Half Day Usage, Deduct	*-708.16*	
01 22 23 00-0899	WK	15,000 Lb. Capacity, Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	6,495.32	
		For Equipment Without Operator, Deduct	*-4,929.12*	
		For Propane Instead Of Gas Or Diesel, Add	*313.24*	
01 22 23 00-0900	MO	15,000 Lb. Capacity, Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	25,131.52	
		For Equipment Without Operator, Deduct	*-21,359.52*	
		For Propane Instead Of Gas Or Diesel, Add	*754.40*	
		For >6 Months (>26 Weeks), Deduct	*-150.88*	

01 22 23 00-0901 Chain Hoists *(01 22 23 00-0787)*

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

01 22 23 00-0902	DAY	1 Ton, 20' Lift, Manual Chain Hoist	12.52	
		For Half Day Usage, Deduct	*-3.91*	
01 22 23 00-0903	WK	1 Ton, 20' Lift, Manual Chain Hoist	32.55	
01 22 23 00-0904	MO	1 Ton, 20' Lift, Manual Chain Hoist	96.40	
		For >6 Months (>26 Weeks), Deduct	*-3.86*	
01 22 23 00-0905	DAY	3 Ton, 20' Lift, Manual Chain Hoist	35.06	
		For Half Day Usage, Deduct	*-10.96*	
01 22 23 00-0906	WK	3 Ton, 20' Lift, Manual Chain Hoist	82.63	
01 22 23 00-0907	MO	3 Ton, 20' Lift, Manual Chain Hoist	231.62	
		For >6 Months (>26 Weeks), Deduct	*-9.26*	
01 22 23 00-0908	DAY	5 Ton, 20' Lift, Manual Chain Hoist	45.07	
		For Half Day Usage, Deduct	*-14.08*	
01 22 23 00-0909	WK	5 Ton, 20' Lift, Manual Chain Hoist	121.44	
01 22 23 00-0910	MO	5 Ton, 20' Lift, Manual Chain Hoist	338.04	
		For >6 Months (>26 Weeks), Deduct	*-13.52*	
01 22 23 00-0911	DAY	2 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist	88.89	
		For Half Day Usage, Deduct	*-27.78*	
01 22 23 00-0912	WK	2 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist	231.62	
01 22 23 00-0913	MO	2 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist	626.00	
		For >6 Months (>26 Weeks), Deduct	*-25.04*	
01 22 23 00-0914	DAY	3 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist	90.14	
		For Half Day Usage, Deduct	*-28.17*	
01 22 23 00-0915	WK	3 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist	241.01	
01 22 23 00-0916	MO	3 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist	657.30	
		For >6 Months (>26 Weeks), Deduct	*-26.29*	
01 22 23 00-0917	DAY	5 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist	92.65	
		For Half Day Usage, Deduct	*-28.95*	
01 22 23 00-0918	WK	5 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist	259.79	
01 22 23 00-0919	MO	5 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist	719.90	
		For >6 Months (>26 Weeks), Deduct	*-28.80*	

01 22 23 00-0920 Roof Swing Hoist *(01 22 23 00-0787)*

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

01 22 23 00-0921	DAY	Up To 400 Lb., Manual Swing Roof Hoist	103.38	
		For Half Day Usage, Deduct	*-32.31*	
01 22 23 00-0922	WK	Up To 400 Lb., Manual Swing Roof Hoist	361.81	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0923	MO	Up To 400 Lb., Manual Swing Roof Hoist	1,240.50	
		For >6 Months (>26 Weeks), Deduct	*-49.62*	

01 22 23 00-0924 Truck Mounted Digger Derrick *(01 22 23 00-0787)*

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

01 22 23 00-0925	DAY	Up To 47' Sheave Height, 34' Horizontal Reach, 12 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator	1,666.03	
		Note: Includes lifting boom, grapple arm and auger drill.		
		For Equipment Without Operator, Deduct	*-1,006.71*	
		For Half Day Usage, Deduct	*-709.39*	
01 22 23 00-0926	WK	Up To 47' Sheave Height, 34' Horizontal Reach, 12 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator	7,011.50	
		Note: Includes lifting boom, grapple arm and auger drill.		
		For Equipment Without Operator, Deduct	*-5,033.53*	
01 22 23 00-0927	MO	Up To 47' Sheave Height, 34' Horizontal Reach, 12 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator	27,086.55	
		Note: Includes lifting boom, grapple arm and auger drill.		
		For Equipment Without Operator, Deduct	*-21,811.97*	
		For >6 Months (>26 Weeks), Deduct	*-210.98*	
01 22 23 00-0928	DAY	Up To 48' Sheave Height, 38' Horizontal Reach, 15 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator	1,801.55	
		Note: Includes lifting boom, grapple arm and auger drill.		
		For Equipment Without Operator, Deduct	*-1,006.71*	
		For Half Day Usage, Deduct	*-751.74*	
01 22 23 00-0929	WK	Up To 48' Sheave Height, 38' Horizontal Reach, 15 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator	7,418.05	
		Note: Includes lifting boom, grapple arm and auger drill.		
		For Equipment Without Operator, Deduct	*-5,033.53*	
01 22 23 00-0930	MO	Up To 48' Sheave Height, 38' Horizontal Reach, 15 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator	28,170.70	
		Note: Includes lifting boom, grapple arm and auger drill.		
		For Equipment Without Operator, Deduct	*-21,811.97*	
		For >6 Months (>26 Weeks), Deduct	*-254.35*	
01 22 23 00-0931	DAY	Up To 65' Sheave Height, 55' Horizontal Reach, 21 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator	2,638.98	
		Note: Includes lifting boom, grapple arm and auger drill.		
		For Equipment Without Operator, Deduct	*-1,006.71*	
		For Half Day Usage, Deduct	*-1,013.44*	
01 22 23 00-0932	WK	Up To 65' Sheave Height, 55' Horizontal Reach, 21 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator	9,930.33	
		Note: Includes lifting boom, grapple arm and auger drill.		
		For Equipment Without Operator, Deduct	*-5,033.53*	
01 22 23 00-0933	MO	Up To 65' Sheave Height, 55' Horizontal Reach, 21 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator	34,870.10	
		Note: Includes lifting boom, grapple arm and auger drill.		
		For Equipment Without Operator, Deduct	*-21,811.97*	
		For >6 Months (>26 Weeks), Deduct	*-522.33*	

01 22 23 00-0934 Pumping Equipment *(01 22 23)*

01 22 23 00-0935 Gas Powered Portable Centrifugal Pumps *(01 22 23 00-0934)*

Note: Includes delivery, set-up, and removal. Excludes operator. See CSI section 01 22 23 00-0959 for larger diameter pumps.

01 22 23 00-0936	DAY	8,500 GPH, 2" Discharge, 108' Maximum Head, Gas Powered Portable Centrifugal Pump	83.87	
		For >8 To 16 Hours Usage Per Day, Add	*33.55*	
		For >16 To 24 Hours Usage Per Day, Add	*67.10*	
01 22 23 00-0937	WK	8,500 GPH, 2" Discharge, 108' Maximum Head, Gas Powered Portable Centrifugal Pump	188.71	
		For >40 To 80 Hours Usage Per Week, Add	*75.48*	
		For >80 Hours Usage Per Week, Add	*150.97*	
01 22 23 00-0938	MO	8,500 GPH, 2" Discharge, 108' Maximum Head, Gas Powered Portable Centrifugal Pump	503.23	
		For >160 To 320 Hours Usage Per Month, Add	*201.29*	
		For >320 Hours Usage Per Month, Add	*402.58*	
		For >6 Months (>26 Weeks), Deduct	*-20.13*	
01 22 23 00-0939	DAY	16,500 GPH, 3" Discharge, 85' Maximum Head, Gas Powered Portable Centrifugal Pump	100.65	
		For >8 To 16 Hours Usage Per Day, Add	*40.26*	
		For >16 To 24 Hours Usage Per Day, Add	*80.52*	
01 22 23 00-0940	WK	16,500 GPH, 3" Discharge, 85' Maximum Head, Gas Powered Portable Centrifugal Pump	226.45	
		For >40 To 80 Hours Usage Per Week, Add	*90.58*	
		For >80 Hours Usage Per Week, Add	*181.16*	
01 22 23 00-0941	MO	16,500 GPH, 3" Discharge, 85' Maximum Head, Gas Powered Portable Centrifugal Pump	603.88	
		For >160 To 320 Hours Usage Per Month, Add	*241.55*	
		For >320 Hours Usage Per Month, Add	*483.10*	
		For >6 Months (>26 Weeks), Deduct	*-24.16*	

01 22 23 00-0942 Gas Powered Portable Diaphragm Pumps *(01 22 23 00-0934)*

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

01 22 23 00-0943	DAY	3,000 GPH, 2" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump	96.45	
		For >8 To 16 Hours Usage Per Day, Add	*38.58*	
		For >16 To 24 Hours Usage Per Day, Add	*77.16*	
01 22 23 00-0944	WK	3,000 GPH, 2" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump	272.58	
		For >40 To 80 Hours Usage Per Week, Add	*109.03*	
		For >80 Hours Usage Per Week, Add	*218.06*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0945	MO	3,000 GPH, 2" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump	691.94	
		For >160 To 320 Hours Usage Per Month, Add	*276.78*	
		For >320 Hours Usage Per Month, Add	*553.55*	
		For >6 Months (>26 Weeks), Deduct	*-27.68*	
01 22 23 00-0946	DAY	5,200 GPH, 3" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump	117.42	
		For >8 To 16 Hours Usage Per Day, Add	*46.97*	
		For >16 To 24 Hours Usage Per Day, Add	*93.94*	
01 22 23 00-0947	WK	5,200 GPH, 3" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump	314.52	
		For >40 To 80 Hours Usage Per Week, Add	*125.81*	
		For >80 Hours Usage Per Week, Add	*251.62*	
01 22 23 00-0948	MO	5,200 GPH, 3" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump	891.14	
		For >160 To 320 Hours Usage Per Month, Add	*356.46*	
		For >320 Hours Usage Per Month, Add	*712.91*	
		For >6 Months (>26 Weeks), Deduct	*-35.65*	

01 22 23 00-0949 Gas Powered Portable Trash Pumps *(01 22 23 00-0934)*

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

01 22 23 00-0950	DAY	12,000 GPH, 2" Discharge, 100' Maximum Head, Gas Powered Portable Trash Pump	121.61	
		For >8 To 16 Hours Usage Per Day, Add	*48.64*	
		For >16 To 24 Hours Usage Per Day, Add	*97.29*	
01 22 23 00-0951	WK	12,000 GPH, 2" Discharge, 100' Maximum Head, Gas Powered Portable Trash Pump	251.62	
		For >40 To 80 Hours Usage Per Week, Add	*100.65*	
		For >80 Hours Usage Per Week, Add	*201.30*	
01 22 23 00-0952	MO	12,000 GPH, 2" Discharge, 100' Maximum Head, Gas Powered Portable Trash Pump	754.85	
		For >160 To 320 Hours Usage Per Month, Add	*301.94*	
		For >320 Hours Usage Per Month, Add	*603.88*	
		For >6 Months (>26 Weeks), Deduct	*-30.19*	
01 22 23 00-0953	DAY	25,000 GPH, 3" Discharge, 90' Maximum Head, Gas Powered Portable Trash Pump	121.61	
		For >8 To 16 Hours Usage Per Day, Add	*48.64*	
		For >16 To 24 Hours Usage Per Day, Add	*97.29*	
01 22 23 00-0954	WK	25,000 GPH, 3" Discharge, 90' Maximum Head, Gas Powered Portable Trash Pump	325.00	
		For >40 To 80 Hours Usage Per Week, Add	*130.00*	
		For >80 Hours Usage Per Week, Add	*260.00*	
01 22 23 00-0955	MO	25,000 GPH, 3" Discharge, 90' Maximum Head, Gas Powered Portable Trash Pump	891.14	
		For >160 To 320 Hours Usage Per Month, Add	*356.46*	
		For >320 Hours Usage Per Month, Add	*712.91*	
		For >6 Months (>26 Weeks), Deduct	*-35.65*	
01 22 23 00-0956	DAY	35,000 GPH, 4" Discharge, 106' Maximum Head, Gas Powered Portable Trash Pump	192.91	
		For >8 To 16 Hours Usage Per Day, Add	*77.16*	
		For >16 To 24 Hours Usage Per Day, Add	*154.33*	
01 22 23 00-0957	WK	35,000 GPH, 4" Discharge, 106' Maximum Head, Gas Powered Portable Trash Pump	545.17	
		For >40 To 80 Hours Usage Per Week, Add	*218.07*	
		For >80 Hours Usage Per Week, Add	*436.14*	
01 22 23 00-0958	MO	35,000 GPH, 4" Discharge, 106' Maximum Head, Gas Powered Portable Trash Pump	1,583.08	
		For >160 To 320 Hours Usage Per Month, Add	*633.23*	
		For >320 Hours Usage Per Month, Add	*1,266.46*	
		For >6 Months (>26 Weeks), Deduct	*-63.32*	

01 22 23 00-0959 Diesel Powered Portable Trash Pumps *(01 22 23 00-0934)*

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

01 22 23 00-0960	DAY	63,000 GPH, 4" Discharge, 153' Maximum Head, Diesel Powered Portable Trash Pump	377.42	
		For >8 To 16 Hours Usage Per Day, Add	*150.97*	
		For >16 To 24 Hours Usage Per Day, Add	*301.94*	
01 22 23 00-0961	WK	63,000 GPH, 4" Discharge, 153' Maximum Head, Diesel Powered Portable Trash Pump	1,027.43	
		For >40 To 80 Hours Usage Per Week, Add	*410.97*	
		For >80 Hours Usage Per Week, Add	*821.94*	
01 22 23 00-0962	MO	63,000 GPH, 4" Discharge, 153' Maximum Head, Diesel Powered Portable Trash Pump	4,476.67	
		For >160 To 320 Hours Usage Per Month, Add	*1,790.67*	
		For >320 Hours Usage Per Month, Add	*3,581.34*	
		For >6 Months (>26 Weeks), Deduct	*-179.07*	
01 22 23 00-0963	DAY	156,000 GPH, 6" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	576.62	
		For >8 To 16 Hours Usage Per Day, Add	*230.65*	
		For >16 To 24 Hours Usage Per Day, Add	*461.30*	
01 22 23 00-0964	WK	156,000 GPH, 6" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	1,509.70	
		For >40 To 80 Hours Usage Per Week, Add	*603.88*	
		For >80 Hours Usage Per Week, Add	*1,207.76*	
01 22 23 00-0965	MO	156,000 GPH, 6" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	4,015.37	
		For >160 To 320 Hours Usage Per Month, Add	*1,606.15*	
		For >320 Hours Usage Per Month, Add	*3,212.30*	
		For >6 Months (>26 Weeks), Deduct	*-160.61*	
01 22 23 00-0966	DAY	246,000 GPH, 10" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	784.20	
		For >8 To 16 Hours Usage Per Day, Add	*313.68*	
		For >16 To 24 Hours Usage Per Day, Add	*627.36*	
01 22 23 00-0967	WK	246,000 GPH, 10" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	2,098.90	
		For >40 To 80 Hours Usage Per Week, Add	*839.56*	
		For >80 Hours Usage Per Week, Add	*1,679.12*	
01 22 23 00-0968	MO	246,000 GPH, 10" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	5,615.23	
		For >160 To 320 Hours Usage Per Month, Add	*2,246.09*	
		For >320 Hours Usage Per Month, Add	*4,492.18*	
		For >6 Months (>26 Weeks), Deduct	*-224.61*	
01 22 23 00-0969	DAY	379,000 GPH, 12" Discharge, 104' Maximum Head, Diesel Powered Portable Trash Pump	1,014.85	
		For >8 To 16 Hours Usage Per Day, Add	*405.94*	
		For >16 To 24 Hours Usage Per Day, Add	*811.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0970	WK	379,000 GPH, 12" Discharge, 104' Maximum Head, Diesel Powered Portable Trash Pump	2,591.64	
		For >40 To 80 Hours Usage Per Week, Add	*1,036.66*	
		For >80 Hours Usage Per Week, Add	*2,073.31*	
01 22 23 00-0971	MO	379,000 GPH, 12" Discharge, 104' Maximum Head, Diesel Powered Portable Trash Pump	7,611.38	
		For >160 To 320 Hours Usage Per Month, Add	*3,044.55*	
		For >320 Hours Usage Per Month, Add	*6,089.10*	
		For >6 Months (>26 Weeks), Deduct	*-304.46*	

01 22 23 00-0972 Diesel Powered Portable High Head Trash Pumps *(01 22 23 00-0934)*

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

01 22 23 00-0973	DAY	27,000 GPH, 3" Suction, 3" Discharge, 300' Maximum Head, Diesel Powered Portable High Head Trash Pump	503.23	
		For >8 To 16 Hours Usage Per Day, Add	*201.29*	
		For >16 To 24 Hours Usage Per Day, Add	*402.58*	
01 22 23 00-0974	WK	27,000 GPH, 3" Suction, 3" Discharge, 300' Maximum Head, Diesel Powered Portable High Head Trash Pump	1,132.27	
		For >40 To 80 Hours Usage Per Week, Add	*452.91*	
		For >80 Hours Usage Per Week, Add	*905.82*	
01 22 23 00-0975	MO	27,000 GPH, 3" Suction, 3" Discharge, 300' Maximum Head, Diesel Powered Portable High Head Trash Pump	3,019.39	
		For >160 To 320 Hours Usage Per Month, Add	*1,207.76*	
		For >320 Hours Usage Per Month, Add	*2,415.51*	
		For >6 Months (>26 Weeks), Deduct	*-120.78*	
01 22 23 00-0976	DAY	90,000 GPH, 6" Suction, 4" Discharge, 330' Maximum Head, Diesel Powered Portable High Head Trash Pump	754.85	
		For >8 To 16 Hours Usage Per Day, Add	*301.94*	
		For >16 To 24 Hours Usage Per Day, Add	*603.88*	
01 22 23 00-0977	WK	90,000 GPH, 6" Suction, 4" Discharge, 330' Maximum Head, Diesel Powered Portable High Head Trash Pump	2,019.22	
		For >40 To 80 Hours Usage Per Week, Add	*807.69*	
		For >80 Hours Usage Per Week, Add	*1,615.38*	
01 22 23 00-0978	MO	90,000 GPH, 6" Suction, 4" Discharge, 330' Maximum Head, Diesel Powered Portable High Head Trash Pump	5,661.36	
		For >160 To 320 Hours Usage Per Month, Add	*2,264.54*	
		For >320 Hours Usage Per Month, Add	*4,529.09*	
		For >6 Months (>26 Weeks), Deduct	*-226.45*	
01 22 23 00-0979	DAY	135,000 GPH, 8" Suction, 6" Discharge, 320' Maximum Head, Diesel Powered Portable High Head Trash Pump	922.59	
		For Half Day Usage, Deduct	*-288.31*	
		For >8 To 16 Hours Usage Per Day, Add	*369.04*	
		For >16 To 24 Hours Usage Per Day, Add	*738.07*	
01 22 23 00-0980	WK	135,000 GPH, 8" Suction, 6" Discharge, 320' Maximum Head, Diesel Powered Portable High Head Trash Pump	2,075.83	
		For >40 To 80 Hours Usage Per Week, Add	*830.33*	
		For >80 Hours Usage Per Week, Add	*1,660.66*	
01 22 23 00-0981	MO	135,000 GPH, 8" Suction, 6" Discharge, 320' Maximum Head, Diesel Powered Portable High Head Trash Pump	5,535.55	
		For >160 To 320 Hours Usage Per Month, Add	*2,214.22*	
		For >320 Hours Usage Per Month, Add	*4,428.44*	
		For >6 Months (>26 Weeks), Deduct	*-221.42*	

01 22 23 00-0982 Diesel Powered Portable Silenced Environmental Trash Pumps *(01 22 23 00-0934)*

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

01 22 23 00-0983	DAY	90,000 GPH, 4" Discharge, 330' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	538.88	
		For >8 To 16 Hours Usage Per Day, Add	*215.55*	
		For >16 To 24 Hours Usage Per Day, Add	*431.10*	
01 22 23 00-0984	WK	90,000 GPH, 4" Discharge, 330' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	1,226.63	
		For >40 To 80 Hours Usage Per Week, Add	*490.65*	
		For >80 Hours Usage Per Week, Add	*981.30*	
01 22 23 00-0985	MO	90,000 GPH, 4" Discharge, 330' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	3,824.56	
		For >160 To 320 Hours Usage Per Month, Add	*1,529.82*	
		For >320 Hours Usage Per Month, Add	*3,059.65*	
		For >6 Months (>26 Weeks), Deduct	*-152.98*	
01 22 23 00-0986	DAY	136,800 GPH, 6" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	660.49	
		For >8 To 16 Hours Usage Per Day, Add	*264.20*	
		For >16 To 24 Hours Usage Per Day, Add	*528.39*	
01 22 23 00-0987	WK	136,800 GPH, 6" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	1,645.99	
		For >40 To 80 Hours Usage Per Week, Add	*658.40*	
		For >80 Hours Usage Per Week, Add	*1,316.79*	
01 22 23 00-0988	MO	136,800 GPH, 6" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	4,476.67	
		For >160 To 320 Hours Usage Per Month, Add	*1,790.67*	
		For >320 Hours Usage Per Month, Add	*3,581.34*	
		For >6 Months (>26 Weeks), Deduct	*-179.07*	
01 22 23 00-0989	DAY	246,000 GPH, 10" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	796.78	
		For >8 To 16 Hours Usage Per Day, Add	*318.71*	
		For >16 To 24 Hours Usage Per Day, Add	*637.42*	
01 22 23 00-0990	WK	246,000 GPH, 10" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	2,356.80	
		For >40 To 80 Hours Usage Per Week, Add	*942.72*	
		For >80 Hours Usage Per Week, Add	*1,885.44*	
01 22 23 00-0991	MO	246,000 GPH, 10" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	6,573.47	
		For >160 To 320 Hours Usage Per Month, Add	*2,629.39*	
		For >320 Hours Usage Per Month, Add	*5,258.78*	
		For >6 Months (>26 Weeks), Deduct	*-262.94*	
01 22 23 00-0992	DAY	510,000 GPH, 12" Discharge, 200' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	1,199.37	
		For >8 To 16 Hours Usage Per Day, Add	*479.75*	
		For >16 To 24 Hours Usage Per Day, Add	*959.50*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0993	WK	510,000 GPH, 12" Discharge, 200' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	3,063.42	
		For >40 To 80 Hours Usage Per Week, Add	*1,225.37*	
		For >80 Hours Usage Per Week, Add	*2,450.74*	
01 22 23 00-0994	MO	510,000 GPH, 12" Discharge, 200' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	8,995.27	
		For >160 To 320 Hours Usage Per Month, Add	*3,598.11*	
		For >320 Hours Usage Per Month, Add	*7,196.22*	
		For >6 Months (>26 Weeks), Deduct	*-359.81*	

01 22 23 00-0995 3 Phase Electric Submersible Pumps *(01 22 23 00-0934)*

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

01 22 23 00-0996	DAY	24,000 GPH, 3" Discharge, 78' Maximum Head, 3 Phase Electric Submersible Pump	209.68	
01 22 23 00-0997	WK	24,000 GPH, 3" Discharge, 78' Maximum Head, 3 Phase Electric Submersible Pump	524.20	
01 22 23 00-0998	MO	24,000 GPH, 3" Discharge, 78' Maximum Head, 3 Phase Electric Submersible Pump	1,572.60	
		For >6 Months (>26 Weeks), Deduct	*-62.90*	
01 22 23 00-0999	DAY	49,800 GPH, 4" Discharge, 98' Maximum Head, 3 Phase Electric Submersible Pump	276.78	
01 22 23 00-1000	WK	49,800 GPH, 4" Discharge, 98' Maximum Head, 3 Phase Electric Submersible Pump	691.94	
01 22 23 00-1001	MO	49,800 GPH, 4" Discharge, 98' Maximum Head, 3 Phase Electric Submersible Pump	2,075.83	
		For >6 Months (>26 Weeks), Deduct	*-83.03*	

01 22 23 00-1002 Suction Hose With Couplings *(01 22 23 00-0934)*

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

01 22 23 00-1003	DAY	Up To 2" Inside Diameter, 20' Length, Suction Hose With Couplings	6.43	
		For Half Day Usage, Deduct	*-2.01*	
01 22 23 00-1004	WK	Up To 2" Inside Diameter, 20' Length, Suction Hose With Couplings	16.08	
01 22 23 00-1005	MO	Up To 2" Inside Diameter, 20' Length, Suction Hose With Couplings	49.32	
		For >6 Months (>26 Weeks), Deduct	*-1.97*	
01 22 23 00-1006	DAY	3" Inside Diameter, 20' Length, Suction Hose With Couplings	17.15	
		For Half Day Usage, Deduct	*-5.36*	
01 22 23 00-1007	WK	3" Inside Diameter, 20' Length, Suction Hose With Couplings	43.96	
01 22 23 00-1008	MO	3" Inside Diameter, 20' Length, Suction Hose With Couplings	134.01	
		For >6 Months (>26 Weeks), Deduct	*-5.36*	
01 22 23 00-1009	DAY	4" Inside Diameter, 20' Length, Suction Hose With Couplings	25.73	
		For Half Day Usage, Deduct	*-8.04*	
01 22 23 00-1010	WK	4" Inside Diameter, 20' Length, Suction Hose With Couplings	65.40	
01 22 23 00-1011	MO	4" Inside Diameter, 20' Length, Suction Hose With Couplings	198.34	
		For >6 Months (>26 Weeks), Deduct	*-7.93*	
01 22 23 00-1012	DAY	6" Inside Diameter, 20' Length, Suction Hose With Couplings	32.16	
		For Half Day Usage, Deduct	*-10.05*	
01 22 23 00-1013	WK	6" Inside Diameter, 20' Length, Suction Hose With Couplings	80.41	
01 22 23 00-1014	MO	6" Inside Diameter, 20' Length, Suction Hose With Couplings	235.86	
		For >6 Months (>26 Weeks), Deduct	*-9.43*	
01 22 23 00-1015	DAY	10" Inside Diameter, 20' Length, Suction Hose With Couplings	75.05	
		For Half Day Usage, Deduct	*-23.45*	
01 22 23 00-1016	WK	10" Inside Diameter, 20' Length, Suction Hose With Couplings	192.98	
01 22 23 00-1017	MO	10" Inside Diameter, 20' Length, Suction Hose With Couplings	568.21	
		For >6 Months (>26 Weeks), Deduct	*-22.73*	
01 22 23 00-1018	DAY	12" Inside Diameter, 20' Length, Suction Hose With Couplings	100.78	
		For Half Day Usage, Deduct	*-31.49*	
01 22 23 00-1019	WK	12" Inside Diameter, 20' Length, Suction Hose With Couplings	219.78	
01 22 23 00-1020	MO	12" Inside Diameter, 20' Length, Suction Hose With Couplings	659.34	
		For >6 Months (>26 Weeks), Deduct	*-26.37*	

01 22 23 00-1021 Discharge Hose With Couplings *(01 22 23 00-0934)*

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

01 22 23 00-1022	DAY	1-1/2" Inside Diameter, 50' Length, Discharge Hose With Couplings	6.43	
		For Half Day Usage, Deduct	*-2.01*	
01 22 23 00-1023	WK	1-1/2" Inside Diameter, 50' Length, Discharge Hose With Couplings	16.08	
01 22 23 00-1024	MO	1-1/2" Inside Diameter, 50' Length, Discharge Hose With Couplings	49.32	
		For >6 Months (>26 Weeks), Deduct	*-1.97*	
01 22 23 00-1025	DAY	2" Inside Diameter, 50' Length, Discharge Hose With Couplings	7.50	
		For Half Day Usage, Deduct	*-2.34*	
01 22 23 00-1026	WK	2" Inside Diameter, 50' Length, Discharge Hose With Couplings	18.23	
01 22 23 00-1027	MO	2" Inside Diameter, 50' Length, Discharge Hose With Couplings	56.82	
		For >6 Months (>26 Weeks), Deduct	*-2.27*	
01 22 23 00-1028	DAY	3" Inside Diameter, 50' Length, Discharge Hose With Couplings	8.58	
		For Half Day Usage, Deduct	*-2.68*	
01 22 23 00-1029	WK	3" Inside Diameter, 50' Length, Discharge Hose With Couplings	21.44	
01 22 23 00-1030	MO	3" Inside Diameter, 50' Length, Discharge Hose With Couplings	65.40	
		For >6 Months (>26 Weeks), Deduct	*-2.62*	
01 22 23 00-1031	DAY	4" Inside Diameter, 50' Length, Discharge Hose With Couplings	22.51	
		For Half Day Usage, Deduct	*-7.03*	
01 22 23 00-1032	WK	4" Inside Diameter, 50' Length, Discharge Hose With Couplings	57.89	
01 22 23 00-1033	MO	4" Inside Diameter, 50' Length, Discharge Hose With Couplings	166.18	
		For >6 Months (>26 Weeks), Deduct	*-6.65*	
01 22 23 00-1034	DAY	6" Inside Diameter, 50' Length, Discharge Hose With Couplings	27.87	
		For Half Day Usage, Deduct	*-8.71*	
01 22 23 00-1035	WK	6" Inside Diameter, 50' Length, Discharge Hose With Couplings	76.12	
01 22 23 00-1036	MO	6" Inside Diameter, 50' Length, Discharge Hose With Couplings	209.06	
		For >6 Months (>26 Weeks), Deduct	*-8.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1037	DAY	10" Inside Diameter, 10' Length, Discharge Hose With Couplings	21.44	
		For Half Day Usage, Deduct	*-6.70*	
01 22 23 00-1038	WK	10" Inside Diameter, 10' Length, Discharge Hose With Couplings	53.60	
01 22 23 00-1039	MO	10" Inside Diameter, 10' Length, Discharge Hose With Couplings	160.82	
		For >6 Months (>26 Weeks), Deduct	*-6.43*	
01 22 23 00-1040	DAY	12" Inside Diameter, 10' Length, Discharge Hose With Couplings	54.68	
		For Half Day Usage, Deduct	*-17.09*	
01 22 23 00-1041	WK	12" Inside Diameter, 10' Length, Discharge Hose With Couplings	139.37	
01 22 23 00-1042	MO	12" Inside Diameter, 10' Length, Discharge Hose With Couplings	412.76	
		For >6 Months (>26 Weeks), Deduct	*-16.51*	
01 22 23 00-1043		**Hydraulic Submersible Pumps** *(01 22 23 00-0934)*		
		Note: Includes delivery, set-up, and removal. Excludes operator.		
01 22 23 00-1044		**Hydraulic Submersible Pumps** *(01 22 23 00-1043)*		
		Note: Includes delivery, set-up, and removal. Excludes operator.		
01 22 23 00-1045	DAY	60,000 GPH, 4" Discharge, 115' Maximum Head, Hydraulic Submersible Pump	138.39	
		For >8 To 16 Hours Usage Per Day, Add	*55.36*	
		For >16 To 24 Hours Usage Per Day, Add	*110.71*	
01 22 23 00-1046	WK	60,000 GPH, 4" Discharge, 115' Maximum Head, Hydraulic Submersible Pump	371.13	
		For >40 To 80 Hours Usage Per Week, Add	*148.45*	
		For >80 Hours Usage Per Week, Add	*296.90*	
01 22 23 00-1047	MO	60,000 GPH, 4" Discharge, 115' Maximum Head, Hydraulic Submersible Pump	1,037.92	
		For >160 To 320 Hours Usage Per Month, Add	*415.17*	
		For >320 Hours Usage Per Month, Add	*830.34*	
		For >6 Months (>26 Weeks), Deduct	*-41.52*	
01 22 23 00-1048	DAY	132,000 GPH, 6" Discharge, 90' Maximum Head, Hydraulic Submersible Pump	176.13	
		For >8 To 16 Hours Usage Per Day, Add	*70.45*	
		For >16 To 24 Hours Usage Per Day, Add	*140.90*	
01 22 23 00-1049	WK	132,000 GPH, 6" Discharge, 90' Maximum Head, Hydraulic Submersible Pump	452.91	
		For >40 To 80 Hours Usage Per Week, Add	*181.16*	
		For >80 Hours Usage Per Week, Add	*362.33*	
01 22 23 00-1050	MO	132,000 GPH, 6" Discharge, 90' Maximum Head, Hydraulic Submersible Pump	1,383.89	
		For >160 To 320 Hours Usage Per Month, Add	*553.56*	
		For >320 Hours Usage Per Month, Add	*1,107.11*	
		For >6 Months (>26 Weeks), Deduct	*-55.36*	
01 22 23 00-1051		**Hydraulic Submersible Pump Diesel Power Packs** *(01 22 23 00-1043)*		
		Note: Includes delivery, set-up, and removal. Excludes operator.		
01 22 23 00-1052	DAY	100 HP, Hydraulic Submersible Pump Diesel Power Pack	319.76	
		For >8 To 16 Hours Usage Per Day, Add	*127.90*	
		For >16 To 24 Hours Usage Per Day, Add	*255.81*	
01 22 23 00-1053	WK	100 HP, Hydraulic Submersible Pump Diesel Power Pack	954.04	
		For >40 To 80 Hours Usage Per Week, Add	*381.62*	
		For >80 Hours Usage Per Week, Add	*763.23*	
01 22 23 00-1054	MO	100 HP, Hydraulic Submersible Pump Diesel Power Pack	2,516.16	
		For >160 To 320 Hours Usage Per Month, Add	*1,006.46*	
		For >320 Hours Usage Per Month, Add	*2,012.93*	
		For >6 Months (>26 Weeks), Deduct	*-100.65*	
01 22 23 00-1055		**HDPE Pipe With Couplings** *(01 22 23 00-0934)*		
		Note: Includes delivery, set-up, and removal.		
01 22 23 00-1056	DAY	4" x 50' HDPE Pipe With Couplings	18.42	
		For Half Day Usage, Deduct	*-5.76*	
01 22 23 00-1057	WK	4" x 50' HDPE Pipe With Couplings	44.21	
01 22 23 00-1058	MO	4" x 50' HDPE Pipe With Couplings	136.30	
		For >6 Months (>26 Weeks), Deduct	*-5.45*	
01 22 23 00-1059	DAY	6" x 50' HDPE Pipe With Couplings	29.47	
		For Half Day Usage, Deduct	*-9.21*	
01 22 23 00-1060	WK	6" x 50' HDPE Pipe With Couplings	73.68	
01 22 23 00-1061	MO	6" x 50' HDPE Pipe With Couplings	224.71	
		For >6 Months (>26 Weeks), Deduct	*-8.99*	
01 22 23 00-1062	DAY	8" x 50' HDPE Pipe With Couplings	47.89	
		For Half Day Usage, Deduct	*-14.97*	
01 22 23 00-1063	WK	8" x 50' HDPE Pipe With Couplings	125.25	
01 22 23 00-1064	MO	8" x 50' HDPE Pipe With Couplings	372.06	
		For >6 Months (>26 Weeks), Deduct	*-14.88*	
01 22 23 00-1065	DAY	10" x 50' HDPE Pipe With Couplings	58.94	
		For Half Day Usage, Deduct	*-18.42*	
01 22 23 00-1066	WK	10" x 50' HDPE Pipe With Couplings	151.04	
01 22 23 00-1067	MO	10" x 50' HDPE Pipe With Couplings	460.48	
		For >6 Months (>26 Weeks), Deduct	*-18.42*	
01 22 23 00-1068	DAY	12" x 20' HDPE Pipe With Couplings	44.21	
		For Half Day Usage, Deduct	*-13.82*	
01 22 23 00-1069	WK	12" x 20' HDPE Pipe With Couplings	121.57	
01 22 23 00-1070	MO	12" x 20' HDPE Pipe With Couplings	368.38	
		For >6 Months (>26 Weeks), Deduct	*-14.74*	
01 22 23 00-1071	DAY	4" Elbow For HDPE Pipe, Quick Connect	44.21	
		For Half Day Usage, Deduct	*-13.82*	
01 22 23 00-1072	WK	4" Elbow For HDPE Pipe, Quick Connect	114.20	
01 22 23 00-1073	MO	4" Elbow For HDPE Pipe, Quick Connect	338.91	
		For >6 Months (>26 Weeks), Deduct	*-13.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1074	DAY	6" Elbow For HDPE Pipe, Quick Connect	51.57	
		For Half Day Usage, Deduct	*-16.12*	
01 22 23 00-1075	WK	6" Elbow For HDPE Pipe, Quick Connect	132.62	
01 22 23 00-1076	MO	6" Elbow For HDPE Pipe, Quick Connect	405.22	
		For >6 Months (>26 Weeks), Deduct	*-16.21*	
01 22 23 00-1077	DAY	8" Elbow For HDPE Pipe, Quick Connect	58.94	
		For Half Day Usage, Deduct	*-18.42*	
01 22 23 00-1078	WK	8" Elbow For HDPE Pipe, Quick Connect	151.04	
01 22 23 00-1079	MO	8" Elbow For HDPE Pipe, Quick Connect	460.48	
		For >6 Months (>26 Weeks), Deduct	*-18.42*	
01 22 23 00-1080	DAY	10" Elbow For HDPE Pipe, Quick Connect	73.68	
		For Half Day Usage, Deduct	*-23.03*	
01 22 23 00-1081	WK	10" Elbow For HDPE Pipe, Quick Connect	187.87	
01 22 23 00-1082	MO	10" Elbow For HDPE Pipe, Quick Connect	570.99	
		For >6 Months (>26 Weeks), Deduct	*-22.84*	
01 22 23 00-1083	DAY	12" Elbow For HDPE Pipe, Quick Connect	73.68	
		For Half Day Usage, Deduct	*-23.03*	
01 22 23 00-1084	WK	12" Elbow For HDPE Pipe, Quick Connect	187.87	
01 22 23 00-1085	MO	12" Elbow For HDPE Pipe, Quick Connect	570.99	
		For >6 Months (>26 Weeks), Deduct	*-22.84*	
01 22 23 00-1086	DAY	4" Tee For HDPE Pipe, Quick Connect	44.21	
		For Half Day Usage, Deduct	*-13.82*	
01 22 23 00-1087	WK	4" Tee For HDPE Pipe, Quick Connect	114.20	
01 22 23 00-1088	MO	4" Tee For HDPE Pipe, Quick Connect	338.91	
		For >6 Months (>26 Weeks), Deduct	*-13.56*	
01 22 23 00-1089	DAY	6" Tee For HDPE Pipe, Quick Connect	58.94	
		For Half Day Usage, Deduct	*-18.42*	
01 22 23 00-1090	WK	6" Tee For HDPE Pipe, Quick Connect	151.04	
01 22 23 00-1091	MO	6" Tee For HDPE Pipe, Quick Connect	460.48	
		For >6 Months (>26 Weeks), Deduct	*-18.42*	
01 22 23 00-1092	DAY	8" Tee For HDPE Pipe, Quick Connect	73.68	
		For Half Day Usage, Deduct	*-23.03*	
01 22 23 00-1093	WK	8" Tee For HDPE Pipe, Quick Connect	187.87	
01 22 23 00-1094	MO	8" Tee For HDPE Pipe, Quick Connect	570.99	
		For >6 Months (>26 Weeks), Deduct	*-22.84*	
01 22 23 00-1095	DAY	10" Tee For HDPE Pipe, Quick Connect	88.41	
		For Half Day Usage, Deduct	*-27.63*	
01 22 23 00-1096	WK	10" Tee For HDPE Pipe, Quick Connect	224.71	
01 22 23 00-1097	MO	10" Tee For HDPE Pipe, Quick Connect	681.50	
		For >6 Months (>26 Weeks), Deduct	*-27.26*	
01 22 23 00-1098	DAY	12" Tee For HDPE Pipe, Quick Connect	88.41	
		For Half Day Usage, Deduct	*-27.63*	
01 22 23 00-1099	WK	12" Tee For HDPE Pipe, Quick Connect	224.71	
01 22 23 00-1100	MO	12" Tee For HDPE Pipe, Quick Connect	681.50	
		For >6 Months (>26 Weeks), Deduct	*-27.26*	
01 22 23 00-1101	DAY	4" Cap For HDPE Pipe, Quick Connect	7.37	
		For Half Day Usage, Deduct	*-2.30*	
01 22 23 00-1102	WK	4" Cap For HDPE Pipe, Quick Connect	22.10	
01 22 23 00-1103	MO	4" Cap For HDPE Pipe, Quick Connect	66.31	
		For >6 Months (>26 Weeks), Deduct	*-2.65*	
01 22 23 00-1104	DAY	6" Cap For HDPE Pipe, Quick Connect	7.37	
		For Half Day Usage, Deduct	*-2.30*	
01 22 23 00-1105	WK	6" Cap For HDPE Pipe, Quick Connect	22.10	
01 22 23 00-1106	MO	6" Cap For HDPE Pipe, Quick Connect	66.31	
		For >6 Months (>26 Weeks), Deduct	*-2.65*	
01 22 23 00-1107	DAY	8" Cap For HDPE Pipe, Quick Connect	7.37	
		For Half Day Usage, Deduct	*-2.30*	
01 22 23 00-1108	WK	8" Cap For HDPE Pipe, Quick Connect	22.10	
01 22 23 00-1109	MO	8" Cap For HDPE Pipe, Quick Connect	66.31	
		For >6 Months (>26 Weeks), Deduct	*-2.65*	
01 22 23 00-1110	DAY	10" Cap For HDPE Pipe, Quick Connect	7.37	
		For Half Day Usage, Deduct	*-2.30*	
01 22 23 00-1111	WK	10" Cap For HDPE Pipe, Quick Connect	22.10	
01 22 23 00-1112	MO	10" Cap For HDPE Pipe, Quick Connect	66.31	
		For >6 Months (>26 Weeks), Deduct	*-2.65*	
01 22 23 00-1113	DAY	12" Cap For HDPE Pipe, Quick Connect	7.37	
		For Half Day Usage, Deduct	*-2.30*	
01 22 23 00-1114	WK	12" Cap For HDPE Pipe, Quick Connect	22.10	
01 22 23 00-1115	MO	12" Cap For HDPE Pipe, Quick Connect	66.31	
		For >6 Months (>26 Weeks), Deduct	*-2.65*	
01 22 23 00-1116	DAY	4" Wye For HDPE Pipe, Quick Connect	22.10	
		For Half Day Usage, Deduct	*-6.91*	
01 22 23 00-1117	WK	4" Wye For HDPE Pipe, Quick Connect	55.26	
01 22 23 00-1118	MO	4" Wye For HDPE Pipe, Quick Connect	169.45	
		For >6 Months (>26 Weeks), Deduct	*-6.78*	
01 22 23 00-1119	DAY	6" Wye For HDPE Pipe, Quick Connect	25.79	
		For Half Day Usage, Deduct	*-8.06*	
01 22 23 00-1120	WK	6" Wye For HDPE Pipe, Quick Connect	66.31	
01 22 23 00-1121	MO	6" Wye For HDPE Pipe, Quick Connect	202.61	
		For >6 Months (>26 Weeks), Deduct	*-8.10*	
01 22 23 00-1122	DAY	8" Wye For HDPE Pipe, Quick Connect	44.21	
		For Half Day Usage, Deduct	*-13.82*	
01 22 23 00-1123	WK	8" Wye For HDPE Pipe, Quick Connect	114.20	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1124	MO	8" Wye For HDPE Pipe, Quick Connect	338.91	
		For >6 Months (>26 Weeks), Deduct	*-13.56*	
01 22 23 00-1125	DAY	10" Wye For HDPE Pipe, Quick Connect	66.31	
		For Half Day Usage, Deduct	*-20.72*	
01 22 23 00-1126	WK	10" Wye For HDPE Pipe, Quick Connect	169.45	
01 22 23 00-1127	MO	10" Wye For HDPE Pipe, Quick Connect	515.73	
		For >6 Months (>26 Weeks), Deduct	*-20.63*	
01 22 23 00-1128	DAY	12" Wye For HDPE Pipe, Quick Connect	66.31	
		For Half Day Usage, Deduct	*-20.72*	
01 22 23 00-1129	WK	12" Wye For HDPE Pipe, Quick Connect	169.45	
01 22 23 00-1130	MO	12" Wye For HDPE Pipe, Quick Connect	515.73	
		For >6 Months (>26 Weeks), Deduct	*-20.63*	

01 22 23 00-1131 Temporary Building Services *(01 22 23)*

01 22 23 00-1132 Boilers *(01 22 23 00-1131)*

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

01 22 23 00-1133 Electric Boilers *(01 22 23 00-1132)*

01 22 23 00-1134	MO	40 MBH, 12 KW Electric Boiler Rental	2,871.84
01 22 23 00-1135	MO	60 MBH, 20 KW Electric Boiler Rental	3,132.95
01 22 23 00-1136	MO	95 MBH, 30 KW Electric Boiler Rental	3,263.51
01 22 23 00-1137	MO	135 MBH, 40 KW Electric Boiler Rental	3,655.06
01 22 23 00-1138	MO	165 MBH, 50 KW Electric Boiler Rental	5,090.98
01 22 23 00-1139	MO	215 MBH, 60 KW Electric Boiler Rental	5,874.23
01 22 23 00-1140	MO	365 MBH, 100 KW Electric Boiler Rental	7,701.83
01 22 23 00-1141	MO	510 MBH, 150 KW Electric Boiler Rental	9,398.85

01 22 23 00-1142 Oil/Gas Fired Boilers *(01 22 23 00-1132)*

01 22 23 00-1143	MO	Up To 100 HP, Gas/Oil Dual Fuel Boiler Rental	2,526.50
01 22 23 00-1144	MO	>100 HP To 250 HP, Gas/Oil Dual Fuel Boiler Rental	3,284.45
01 22 23 00-1145	MO	>250 HP To 500 HP, Gas/Oil Dual Fuel Boiler Rental	5,305.65
01 22 23 00-1146	MO	>500 HP To 800 HP, Gas/Oil Dual Fuel Boiler Rental	7,326.85

01 22 23 00-1147 Oil Fired Boilers *(01 22 23 00-1132)*

01 22 23 00-1148	MO	250 HP Oil Fired Boiler Rental	8,065.57
01 22 23 00-1149	MO	350 HP Oil Fired Boiler Rental	10,754.10
01 22 23 00-1150	MO	500 HP Oil Fired Boiler Rental	13,442.62
01 22 23 00-1151	MO	600 HP Oil Fired Boiler Rental	14,786.89

01 22 23 00-1152 Boilers Setup *(01 22 23 00-1132)*

01 22 23 00-1153	EA	Setup Rental Boiler Note: Includes delivery, setup, installation, startup, commissioning, decommissioning, and pickup. Excludes piping and electrical hookup. Excludes crane.	8,007.46

01 22 23 00-1154 Chillers *(01 22 23 00-1131)*

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

01 22 23 00-1155 Air-Cooled Chillers *(01 22 23 00-1154)*

01 22 23 00-1156	MO	25 Ton Air-Cooled Chiller Rental	2,542.48
		For >3 To 6 Month Rental, Deduct	*-381.37*
		For >6 Months (>26 Weeks), Deduct	*-635.62*
01 22 23 00-1157	MO	40 Ton Air-Cooled Chiller Rental	4,067.98
		For >3 To 6 Month Rental, Deduct	*-610.20*
		For >6 Months (>26 Weeks), Deduct	*-1,017.00*
01 22 23 00-1158	MO	60 Ton Air-Cooled Chiller Rental	4,975.60
		For >3 To 6 Month Rental, Deduct	*-746.34*
		For >6 Months (>26 Weeks), Deduct	*-1,243.90*
01 22 23 00-1159	MO	80 Ton Air-Cooled Chiller Rental	5,883.22
		For >3 To 6 Month Rental, Deduct	*-882.48*
		For >6 Months (>26 Weeks), Deduct	*-1,470.81*
01 22 23 00-1160	MO	100 Ton Air-Cooled Chiller Rental	6,790.84
		For >3 To 6 Month Rental, Deduct	*-1,018.63*
		For >6 Months (>26 Weeks), Deduct	*-1,697.71*
01 22 23 00-1161	MO	125 Ton Air-Cooled Chiller Rental	7,867.32
		For >3 To 6 Month Rental, Deduct	*-1,180.10*
		For >6 Months (>26 Weeks), Deduct	*-1,966.83*
01 22 23 00-1162	MO	155 Ton Air-Cooled Chiller Rental	9,517.53
		For >3 To 6 Month Rental, Deduct	*-1,427.63*
		For >6 Months (>26 Weeks), Deduct	*-2,379.38*
01 22 23 00-1163	MO	170 Ton Air-Cooled Chiller Rental	10,177.62
		For >3 To 6 Month Rental, Deduct	*-1,526.64*
		For >6 Months (>26 Weeks), Deduct	*-2,544.41*
01 22 23 00-1164	MO	200 Ton Air-Cooled Chiller Rental	11,691.60
		For >3 To 6 Month Rental, Deduct	*-1,753.74*
		For >6 Months (>26 Weeks), Deduct	*-2,922.90*
01 22 23 00-1165	MO	250 Ton Air-Cooled Chiller Rental	13,911.73
		For >3 To 6 Month Rental, Deduct	*-2,086.76*
		For >6 Months (>26 Weeks), Deduct	*-3,477.93*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1166	MO	300 Ton Air-Cooled Chiller Rental Note: Includes trailer.	16,233.54	
		For >3 To 6 Month Rental, Deduct	*-2,435.03*	
		For >6 Months (>26 Weeks), Deduct	*-4,058.39*	
01 22 23 00-1167	MO	400 Ton Air-Cooled Chiller Rental Note: Includes trailer, pump and 200' of 6" hose.	21,414.46	
		For >3 To 6 Month Rental, Deduct	*-3,212.17*	
		For >6 Months (>26 Weeks), Deduct	*-5,353.62*	
01 22 23 00-1168	MO	500 Ton Air-Cooled Chiller Rental Note: Includes trailer, pump and 200' of 6" hose.	26,507.11	
		For >3 To 6 Month Rental, Deduct	*-3,976.07*	
		For >6 Months (>26 Weeks), Deduct	*-6,626.78*	
01 22 23 00-1169	EA	Setup Air-Cooled Chiller Rental Unit Note: Includes delivery, setup, installation, refrigerant charge, startup, commissioning, decommissioning, recovery of refrigerant and pickup. Excludes piping and electrical hookup. Excludes crane if off-loaded.	5,566.16	
01 22 23 00-1170		**Chiller Rental Accessories** *(01 22 23 00-1154)*		
01 22 23 00-1171	MO	4" x 25' Flexible Water Hose For Chiller Rental	45.30	
01 22 23 00-1172	MO	6" x 25' Flexible Water Hose For Chiller Rental	56.63	
01 22 23 00-1173		**Emergency Cooler/Freezer** *(01 22 23 00-1131)* Note: Excludes utility connection, delivery, set-up, and removal. Cooler 115 Volt or 230 Volt, freezer 208/230 Volt, combo 115 Volt or 230 Volt.		
01 22 23 00-1174	DAY	8 x 6 x 7 Emergency Cooler Rental	147.35	
		For Half Day Usage, Deduct	*-46.05*	
01 22 23 00-1175	WK	8 x 6 x 7 Emergency Cooler Rental	785.88	
01 22 23 00-1176	DAY	10 x 7 x 7 Emergency Cooler Rental	294.70	
		For Half Day Usage, Deduct	*-92.09*	
01 22 23 00-1177	WK	10 x 7 x 7 Emergency Cooler Rental	1,178.82	
01 22 23 00-1178	MO	10 x 7 x 7 Emergency Cooler Rental	2,947.05	
01 22 23 00-1179	DAY	10 x 7 x 7 Emergency Freezer Rental	343.82	
		For Half Day Usage, Deduct	*-107.44*	
01 22 23 00-1180	WK	10 x 7 x 7 Emergency Freezer Rental	1,375.29	
01 22 23 00-1181	MO	10 x 7 x 7 Emergency Freezer Rental	3,536.46	
01 22 23 00-1182	DAY	6 x 8 x 7 Or 6 x 6 x 7, Emergency Combo Cooler/Freezer Rental	392.94	
		For Half Day Usage, Deduct	*-122.79*	
01 22 23 00-1183	WK	6 x 8 x 7 Or 6 x 6 x 7, Emergency Combo Cooler/Freezer Rental	1,571.76	
01 22 23 00-1184	MO	6 x 8 x 7 Or 6 x 6 x 7, Emergency Combo Cooler/Freezer Rental	3,929.40	
01 22 23 00-1185		**Portable Spot Cooling Units** *(01 22 23 00-1131)* Note: Includes up to 20' duct. Excludes operator, delivery, set-up, and removal.		
01 22 23 00-1186	DAY	1 Ton Portable Spot Cooling Unit	184.83	
		For Half Day Usage, Deduct	*-57.76*	
01 22 23 00-1187	WK	1 Ton Portable Spot Cooling Unit	400.46	
01 22 23 00-1188	MO	1 Ton Portable Spot Cooling Unit	946.66	
		For >6 Months (>26 Weeks), Deduct	*-37.87*	
01 22 23 00-1189	DAY	1.5 Ton Portable Spot Cooling Unit	241.70	
		For Half Day Usage, Deduct	*-75.53*	
01 22 23 00-1190	WK	1.5 Ton Portable Spot Cooling Unit	496.43	
01 22 23 00-1191	MO	1.5 Ton Portable Spot Cooling Unit	1,164.66	
		For >6 Months (>26 Weeks), Deduct	*-46.59*	
01 22 23 00-1192	DAY	2 Ton Portable Spot Cooling Unit	325.82	
		For Half Day Usage, Deduct	*-101.82*	
01 22 23 00-1193	WK	2 Ton Portable Spot Cooling Unit	681.26	
01 22 23 00-1194	MO	2 Ton Portable Spot Cooling Unit	1,261.81	
		For >6 Months (>26 Weeks), Deduct	*-50.47*	
01 22 23 00-1195	DAY	3 Ton Portable Spot Cooling Unit	341.22	
		For Half Day Usage, Deduct	*-106.63*	
01 22 23 00-1196	WK	3 Ton Portable Spot Cooling Unit	722.73	
01 22 23 00-1197	MO	3 Ton Portable Spot Cooling Unit	1,597.11	
		For >6 Months (>26 Weeks), Deduct	*-63.88*	
01 22 23 00-1198	DAY	5 Ton Portable Spot Cooling Unit	533.16	
		For Half Day Usage, Deduct	*-166.61*	
01 22 23 00-1199	WK	5 Ton Portable Spot Cooling Unit	1,078.17	
01 22 23 00-1200	MO	5 Ton Portable Spot Cooling Unit	2,240.46	
		For >6 Months (>26 Weeks), Deduct	*-89.62*	
01 22 23 00-1201	DAY	10 To 12 Ton Portable Spot Cooling Unit	696.66	
		For Half Day Usage, Deduct	*-217.71*	
01 22 23 00-1202	WK	10 To 12 Ton Portable Spot Cooling Unit	1,569.86	
01 22 23 00-1203	MO	10 To 12 Ton Portable Spot Cooling Unit	3,788.99	
		For >6 Months (>26 Weeks), Deduct	*-151.56*	
01 22 23 00-1204	DAY	20 Ton Portable Spot Cooling Unit	799.74	
		For Half Day Usage, Deduct	*-249.92*	
01 22 23 00-1205	WK	20 Ton Portable Spot Cooling Unit	1,836.44	
01 22 23 00-1206	MO	20 Ton Portable Spot Cooling Unit	5,118.34	
		For >6 Months (>26 Weeks), Deduct	*-204.73*	
01 22 23 00-1207	DAY	25 Ton Portable Spot Cooling Unit	1,137.41	
		For Half Day Usage, Deduct	*-355.44*	
01 22 23 00-1208	WK	25 Ton Portable Spot Cooling Unit	2,304.44	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1209	MO	25 Ton Portable Spot Cooling Unit	5,361.22	
		For >6 Months (>26 Weeks), Deduct	*-214.45*	
01 22 23 00-1210	EA	Setup Rental Of Up To 5 Ton Portable Spot Cooler Note: Includes delivery, setup, connection to power outlet and conncection to duct and removal. Excludes electrical wiring.	286.82	
01 22 23 00-1211	EA	Setup Rental Of 10 To 15 Ton Portable Spot Cooler Note: Includes delivery, setup, connection to power outlet and conncection to duct and removal. Excludes electrical wiring.	654.45	
01 22 23 00-1212	EA	Setup Rental Of 20 To 25 Ton Portable Spot Cooler Note: Includes delivery, setup, connection to power outlet and conncection to duct and removal. Excludes electrical wiring.	947.61	

01 22 23 00-1213 Fuel Oil Tank *(01 22 23 00-1131)*

Note: Excludes delivery to job site and pick-up when complete. Excludes 0ff-road fuel costs. See CSI section 01 22 23 00-0710 for reimbursable fuel fees.

01 22 23 00-1214	MO	100 Gallon Portable Double Wall Fuel Oil Tank Rental	396.94	
		For >6 Months (>26 Weeks), Deduct	*-15.88*	
01 22 23 00-1215	MO	275 Gallon Portable Double Wall Fuel Oil Tank Rental	617.46	
		For >6 Months (>26 Weeks), Deduct	*-24.70*	
01 22 23 00-1216	MO	500 Gallon Portable Double Wall Fuel Oil Tank Rental	1,543.66	
		For >6 Months (>26 Weeks), Deduct	*-61.75*	
01 22 23 00-1217	MO	1,000 Gallon Portable Double Wall Fuel Oil Tank Rental	2,572.76	
		For >6 Months (>26 Weeks), Deduct	*-102.91*	
01 22 23 00-1218	MO	2,300 Gallon Portable Double Wall Fuel Oil Tank Rental	3,396.05	
		For >6 Months (>26 Weeks), Deduct	*-135.84*	
01 22 23 00-1219	MO	5,000 Gallon Portable Double Wall Fuel Oil Tank Rental	6,066.82	
		For >6 Months (>26 Weeks), Deduct	*-242.67*	

01 22 23 00-1220 Truck And Trailer Equipment *(01 22 23)*

01 22 23 00-1221 Trucks *(01 22 23 00-1220)*

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

01 22 23 00-1222 Flat Bed Trucks *(01 22 23 00-1221)*

Note: Includes hydraulic tilt bed.

01 22 23 00-1223	DAY	1-1/2 Ton Capacity, 8' To 10' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	1,064.93	
		For Equipment Without Operator, Deduct	*-765.36*	
		For Half Day Usage, Deduct	*-476.30*	
01 22 23 00-1224	WK	1-1/2 Ton Capacity, 8' To 10' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	4,612.15	
		For Equipment Without Operator, Deduct	*-3,826.79*	
01 22 23 00-1225	MO	1-1/2 Ton Capacity, 8' To 10' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	18,566.39	
		For Equipment Without Operator, Deduct	*-16,582.75*	
		For >6 Months (>26 Weeks), Deduct	*-79.35*	
01 22 23 00-1226	DAY	3 Ton Capacity, 12' To 16' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	1,194.47	
		For Equipment Without Operator, Deduct	*-765.36*	
		For Half Day Usage, Deduct	*-516.78*	
01 22 23 00-1227	WK	3 Ton Capacity, 12' To 16' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	4,944.11	
		For Equipment Without Operator, Deduct	*-3,826.79*	
01 22 23 00-1228	MO	3 Ton Capacity, 12' To 16' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	19,416.53	
		For Equipment Without Operator, Deduct	*-16,582.75*	
		For >6 Months (>26 Weeks), Deduct	*-113.35*	
01 22 23 00-1229	DAY	6-1/2 Ton Capacity, 16' To 22' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	1,287.42	
		For Equipment Without Operator, Deduct	*-765.36*	
		For Half Day Usage, Deduct	*-545.82*	
01 22 23 00-1230	WK	6-1/2 Ton Capacity, 16' To 22' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	5,299.38	
		For Equipment Without Operator, Deduct	*-3,826.79*	
01 22 23 00-1231	MO	6-1/2 Ton Capacity, 16' To 22' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	20,768.64	
		For Equipment Without Operator, Deduct	*-16,582.75*	
		For >6 Months (>26 Weeks), Deduct	*-167.44*	

01 22 23 00-1232 Light Off-Road Utility Passenger Vehicles *(01 22 23 00-1221)*

01 22 23 00-1233	DAY	4 Wheel, 2 Person, Light Off Road Utility Passenger Vehicle	309.84	
		For Half Day Usage, Deduct	*-96.83*	
01 22 23 00-1234	WK	4 Wheel, 2 Person, Light Off Road Utility Passenger Vehicle	716.50	
01 22 23 00-1235	MO	4 Wheel, 2 Person, Light Off Road Utility Passenger Vehicle	1,549.20	
		For >6 Months (>26 Weeks), Deduct	*-61.97*	
01 22 23 00-1236	DAY	4 Wheel, 4 Person, Light Off Road Utility Passenger Vehicle	319.52	
		For Half Day Usage, Deduct	*-99.85*	
01 22 23 00-1237	WK	4 Wheel, 4 Person, Light Off Road Utility Passenger Vehicle	745.55	
01 22 23 00-1238	MO	4 Wheel, 4 Person, Light Off Road Utility Passenger Vehicle	1,646.02	
		For >6 Months (>26 Weeks), Deduct	*-65.84*	

01 22 23 00-1239 Light And Heavy Duty Trucks *(01 22 23 00-1221)*

01 22 23 00-1240	DAY	1/2 To 3/4 Ton, 4 x 2 Light Duty Conventional Pickup Truck With Full-Time Truck Driver	1,073.35	
		For Equipment Without Operator, Deduct	*-760.81*	
		For Half Day Usage, Deduct	*-478.07*	
01 22 23 00-1241	WK	1/2 To 3/4 Ton, 4 x 2 Light Duty Conventional Pickup Truck With Full-Time Truck Driver	4,829.57	
		For Equipment Without Operator, Deduct	*-3,804.03*	
01 22 23 00-1242	MO	1/2 To 3/4 Ton, 4 x 2 Light Duty Conventional Pickup Truck With Full-Time Truck Driver	18,632.86	
		For Equipment Without Operator, Deduct	*-16,484.12*	
		For >6 Months (>26 Weeks), Deduct	*-85.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1243	DAY	3/4 Ton, 4 x 4 Heavy Duty Crew Cab Pickup Truck With Full-Time Truck Driver	1,131.96	
		For Equipment Without Operator, Deduct	*-760.81*	
		For Half Day Usage, Deduct	*-496.39*	
01 22 23 00-1244	WK	3/4 Ton, 4 x 4 Heavy Duty Crew Cab Pickup Truck With Full-Time Truck Driver	5,005.37	
		For Equipment Without Operator, Deduct	*-3,804.03*	
01 22 23 00-1245	MO	3/4 Ton, 4 x 4 Heavy Duty Crew Cab Pickup Truck With Full-Time Truck Driver	19,023.54	
		For Equipment Without Operator, Deduct	*-16,484.12*	
		For >6 Months (>26 Weeks), Deduct	*-101.58*	

01 22 23 00-1246 Rear Dump Trucks *(01 22 23 00-1221)*

01 22 23 00-1247	DAY	2.5 CY Rear Dump Truck With Full-Time Truck Driver	1,156.80	
		For Equipment Without Operator, Deduct	*-765.36*	
		For Half Day Usage, Deduct	*-505.01*	
01 22 23 00-1248	WK	2.5 CY Rear Dump Truck With Full-Time Truck Driver	4,860.71	
		For Equipment Without Operator, Deduct	*-3,826.79*	
01 22 23 00-1249	MO	2.5 CY Rear Dump Truck With Full-Time Truck Driver	19,748.32	
		For Equipment Without Operator, Deduct	*-16,582.75*	
		For >6 Months (>26 Weeks), Deduct	*-126.62*	
01 22 23 00-1250	DAY	3 To 4 CY Rear Dump Truck With Full-Time Truck Driver	1,286.57	
		For Equipment Without Operator, Deduct	*-765.36*	
		For Half Day Usage, Deduct	*-545.56*	
01 22 23 00-1251	WK	3 To 4 CY Rear Dump Truck With Full-Time Truck Driver	5,262.79	
		For Equipment Without Operator, Deduct	*-3,826.79*	
01 22 23 00-1252	MO	3 To 4 CY Rear Dump Truck With Full-Time Truck Driver	20,305.70	
		For Equipment Without Operator, Deduct	*-16,582.75*	
		For >6 Months (>26 Weeks), Deduct	*-148.92*	
01 22 23 00-1253	DAY	5 To 6 CY Rear Dump Truck With Full-Time Truck Driver	1,361.03	
		For Equipment Without Operator, Deduct	*-765.36*	
		For Half Day Usage, Deduct	*-568.83*	
01 22 23 00-1254	WK	5 To 6 CY Rear Dump Truck With Full-Time Truck Driver	5,422.34	
		For Equipment Without Operator, Deduct	*-3,826.79*	
01 22 23 00-1255	MO	5 To 6 CY Rear Dump Truck With Full-Time Truck Driver	20,412.07	
		For Equipment Without Operator, Deduct	*-16,582.75*	
		For >6 Months (>26 Weeks), Deduct	*-153.17*	
01 22 23 00-1256	DAY	12 To 14 CY Rear Dump Truck With Full-Time Truck Driver	2,243.90	
		For Equipment Without Operator, Deduct	*-765.36*	
		For Half Day Usage, Deduct	*-844.72*	
01 22 23 00-1257	WK	12 To 14 CY Rear Dump Truck With Full-Time Truck Driver	7,241.27	
		For Equipment Without Operator, Deduct	*-3,826.79*	
01 22 23 00-1258	MO	12 To 14 CY Rear Dump Truck With Full-Time Truck Driver	25,517.83	
		For Equipment Without Operator, Deduct	*-16,582.75*	
		For >6 Months (>26 Weeks), Deduct	*-357.40*	
01 22 23 00-1259	DAY	18 CY Rear Dump Truck With Full-Time Truck Driver	2,391.76	
		For Equipment Without Operator, Deduct	*-765.36*	
		For Half Day Usage, Deduct	*-890.93*	
01 22 23 00-1260	WK	18 CY Rear Dump Truck With Full-Time Truck Driver	7,582.71	
		For Equipment Without Operator, Deduct	*-3,826.79*	
01 22 23 00-1261	MO	18 CY Rear Dump Truck With Full-Time Truck Driver	26,411.34	
		For Equipment Without Operator, Deduct	*-16,582.75*	
		For >6 Months (>26 Weeks), Deduct	*-393.14*	

01 22 23 00-1262 Vacuum Trucks *(01 22 23 00-1221)*

01 22 23 00-1263	DAY	5,000 Gallon Vacuum Truck With Full-Time Truck Driver	2,233.27	
		For Equipment Without Operator, Deduct	*-765.36*	
		For Half Day Usage, Deduct	*-841.40*	
01 22 23 00-1264	WK	5,000 Gallon Vacuum Truck With Full-Time Truck Driver	8,247.53	
		For Equipment Without Operator, Deduct	*-3,826.79*	
01 22 23 00-1265	MO	5,000 Gallon Vacuum Truck With Full-Time Truck Driver	29,627.97	
		For Equipment Without Operator, Deduct	*-16,582.75*	
		For >6 Months (>26 Weeks), Deduct	*-521.81*	

01 22 23 00-1266 Water Trucks *(01 22 23 00-1221)*

Note: Includes pump and 1-1/2" Diameter x 50' water hose. See CSI section 01 22 23 00-1021 for additional discharge hose, 01 22 23 00-1287 for water trailer.

01 22 23 00-1267	DAY	2,000 Gallon Water Truck With Full-Time Driver	1,407.24	
		For Equipment Without Operator, Deduct	*-765.36*	
		For Each 1,000 Gallon Of Purchased Water, Add	*14.94*	
		For Half Day Usage, Deduct	*-583.27*	
01 22 23 00-1268	WK	2,000 Gallon Water Truck With Full-Time Driver	5,517.07	
		For Equipment Without Operator, Deduct	*-3,826.79*	
		For Each 1,000 Gallon Of Purchased Water, Add	*14.94*	
01 22 23 00-1269	MO	2,000 Gallon Water Truck With Full-Time Driver	20,576.67	
		For Equipment Without Operator, Deduct	*-16,582.75*	
		For Each 1,000 Gallon Of Purchased Water, Add	*14.94*	
		For >6 Months (>26 Weeks), Deduct	*-159.76*	
01 22 23 00-1270	DAY	3,700 To 4,000 Gallon Water Truck With Full-Time Truck Driver	1,721.05	
		For Equipment Without Operator, Deduct	*-765.36*	
		For Each 1,000 Gallon Of Purchased Water, Add	*14.94*	
		For Half Day Usage, Deduct	*-681.33*	
01 22 23 00-1271	WK	3,700 To 4,000 Gallon Water Truck With Full-Time Truck Driver	6,458.50	
		For Equipment Without Operator, Deduct	*-3,826.79*	
		For Each 1,000 Gallon Of Purchased Water, Add	*14.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1272	MO	3,700 To 4,000 Gallon Water Truck With Full-Time Truck Driver	23,001.55	
		For Equipment Without Operator, Deduct	*-16,582.75*	
		For Each 1,000 Gallon Of Purchased Water, Add	*14.94*	
		For >6 Months (>26 Weeks), Deduct	*-256.75*	

01 22 23 00-1273 Traffic Control Truck With Mounted Impact Attenuators/Crash Cushions And Arrow Board *(01 22 23 00-1221)*

01 22 23 00-1274	DAY	Traffic Control Truck With Mounted Impact Attenuator/Crash Cushion And Arrow Board With Full-Time Truck Driver	1,506.22	
		For Equipment Without Operator, Deduct	*-760.81*	
		For Half Day Usage, Deduct	*-613.35*	
01 22 23 00-1275	WK	Traffic Control Truck With Mounted Impact Attenuator/Crash Cushion And Arrow Board With Full-Time Truck Driver	6,003.95	
		For Equipment Without Operator, Deduct	*-3,804.03*	
01 22 23 00-1276	MO	Traffic Control Truck With Mounted Impact Attenuator/Crash Cushion And Arrow Board With Full-Time Truck Driver	21,826.55	
		For Equipment Without Operator, Deduct	*-16,484.12*	
		For >6 Months (>26 Weeks), Deduct	*-213.70*	

01 22 23 00-1277 Straight/Box Trucks *(01 22 23 00-1221)*

01 22 23 00-1278	DAY	18,000 Lb. Capacity, 24' Straight/Box Truck With Full-Time Truck Driver Note: Includes 2,500 Lb. lift gate.	893.28	
		For Equipment Without Operator, Deduct	*-765.36*	
		For Half Day Usage, Deduct	*-422.66*	
01 22 23 00-1279	WK	18,000 Lb. Capacity, 24' Straight/Box Truck With Full-Time Truck Driver Note: Includes 2,500 Lb. lift gate.	4,466.41	
		For Equipment Without Operator, Deduct	*-3,826.79*	
01 22 23 00-1280	MO	18,000 Lb. Capacity, 24' Straight/Box Truck With Full-Time Truck Driver Note: Includes 2,500 Lb. lift gate.	18,470.85	
		For Equipment Without Operator, Deduct	*-16,582.75*	
		For >6 Months (>26 Weeks), Deduct	*-75.52*	

01 22 23 00-1281 Truck Mounted Accessories *(01 22 23 00-1220)*

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

01 22 23 00-1282 Truck Mounted Arrow Boards *(01 22 23 00-1281)*

01 22 23 00-1283	DAY	Truck Mounted Arrow Board	48.07	
		For Half Day Usage, Deduct	*-15.02*	
01 22 23 00-1284	WK	Truck Mounted Arrow Board	191.20	
01 22 23 00-1285	MO	Truck Mounted Arrow Board	681.78	
		For >6 Months (>26 Weeks), Deduct	*-27.27*	

01 22 23 00-1286 Trailers *(01 22 23 00-1220)*

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

01 22 23 00-1287 Water Trailers With Pump *(01 22 23 00-1286)*

01 22 23 00-1288	DAY	500 To 600 Gallon Water Trailer With Pump	164.04	
		For Half Day Usage, Deduct	*-51.26*	
01 22 23 00-1289	WK	500 To 600 Gallon Water Trailer With Pump	420.79	
01 22 23 00-1290	MO	500 To 600 Gallon Water Trailer With Pump	1,126.86	
		For >6 Months (>26 Weeks), Deduct	*-45.07*	

01 22 23 00-1291 Refrigerated Trailers *(01 22 23 00-1286)*

Note: Excludes electrical supply and connection

01 22 23 00-1292	MO	8' x 40' Refrigerated Container Trailer Note: Requires 460 volt, 3 phase electrcial power connection. See CSI section 10 56 13 00-0000 for metal storage shelving, 26 05 00 00-0000 for electrical wiring.	2,160.36	

01 30 Administrative Requirements *(01)*

01 35 Special Procedures *(01 30)*

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

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

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

See CSI section 01 22 20 00-0001 for labor services to load and unload shipping container, 01 22 20 00-0062 for security guards, 01 22 23 00-0000 for portable equipment usage (air compressors, generators, lighting, etc.), 01 52 13 00-0030 for container usage.

01 35 29 00-0002	MI	Trucking Delivery Of 20' Shipping Container	2.70	
01 35 29 00-0003	MI	Trucking Delivery Of 40' Shipping Container	5.40	

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

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

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

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 35 33 00-0002	DAY	COVID-19 RSIP Work Plan for Unit Disinfection and Safe Work Practices Note: The LACHA will establish the number of days required for the implementation of the scope included in this task item, to be determined by the phase, duration, and intensity of construction activity requiring the extent of such practices in any given unit. In addition to the requirements contained in this task, the Contractor and their Subcontractors are to perform all work , throughout the entire project duration, with strict adherence to all local, state, and federal COVID-19 safety guidelines including those set-forth by, but not limited to the Los Angeles County Department of Health and Public Works, California Department of Public Health, Cal/OSHA, and the Centers for Disease Control and Prevention (CDC) at no additional cost to the Owner/LACDA. These non-compensable items include: • Provide all necessary Personal Protective Equipment (PPE) items for all workers, including, but not limited to face masks, gloves, goggles, and hand sanitizer. All items must meet the standards/recommendations set-forth by the CDC. • Daily, manual wipe-down to disinfect hard surfaces touched in the course of work. Compensable items under this task to include: 1) Disinfect all surfaces touched in the course of work at the end of each work day (e.g. windows, doors, hardware, frames, etc.).	255.98	

01 40 Quality Requirements *(01)*

01 41 Regulatory Requirements *(01 40)*

01 41 26 Permit Requirements *(01 41)*

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

01 42 References *(01 40)*

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

Note: For specification publishing. Review specifications for requirements.

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

01 42 16 Definitions *(01 42)*

Note: For specification publishing. Review specifications for requirements.

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

01 42 19 Reference Standards *(01 42)*

Note: For specification publishing. Review specifications for requirements.

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

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

Note: For specification publishing. Review specifications for requirements.

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

01 45 Quality Control *(01 40)*

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

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

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

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

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

01 45 23 00-0003	EA	Plasticity Index Soils Test, ASTM D-4318, Field Soils Test	353.86
01 45 23 00-0004	EA	4" Compaction Curves Soils Test, ASTM D-1557, Field Soils Test	502.26
01 45 23 00-0005	EA	6" Compaction Curves Soils Test, ASTM D-1557, Field Soils Test	570.75
01 45 23 00-0006	EA	Resistance (R) Value Soils Test, CA 301, Field Soils Test	456.60
01 45 23 00-0007	SET	Cement Treated Base Laboratory Design, Soil Cement, Field Soils Test	1,369.34
01 45 23 00-0008	EA	Moisture Content, Field Soils Test	51.35
01 45 23 00-0009	EA	UBC Or Swell Test, Field Soils Test	136.98
01 45 23 00-0010	EA	Proctor Compaction 4" Standard Mold ASTM D698, Field Soils Test	342.33
01 45 23 00-0011	EA	Proctor Compaction 6" Standard Mold, Field Soils Test	427.92
01 45 23 00-0012	EA	Density And Classification Test, Field Soils Test	104.27
01 45 23 00-0013	EA	Percolation Test, Field Soils Test	260.67
01 45 23 00-0014	EA	Infiltration Test, Field Soils Test	521.35

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

01 45 23 00-0016	EA	Coarse Aggregate Sieve Analysis Test, ASTM C-136, CA 202	114.15
01 45 23 00-0017	EA	Fine Aggregate Sieve Analysis Test, ASTM C-136, CA 202	205.47
01 45 23 00-0018	EA	Sieve Analysis, Pit Run, ASTM C136 Note: Includes wash.	169.44
01 45 23 00-0019	EA	Specific Special Gravity, Course, ASTM C127 Note: Includes absorption test.	181.37
01 45 23 00-0020	EA	Special Gravity, Fine, ASTM C127 Note: Includes absorption test.	162.61
01 45 23 00-0021	EA	Aggregate Cleanness Value, ASTM C-128, CA 227	228.30

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 45 23 00-0022	EA	Sand Equivalent, Average of 3 Tests, ASTM D2419, CA 217	171.22	
01 45 23 00-0023	EA	Fine Aggregate Durability Index, CA 229	182.64	
01 45 23 00-0024	EA	Sodium And Magnesium Soundness, ASTM C88	479.27	
01 45 23 00-0025	EA	Los Angeles Rattler, ASTM C-131, CA 211	365.28	
01 45 23 00-0026	EA	Unit Weight Of Aggregates, ASTM C29	102.74	
01 45 23 00-0027	EA	Organic Impurities In Sand, ASTM C40	102.70	
01 45 23 00-0028	EA	Crushed Particle, ASTM California Test Method	102.70	
01 45 23 00-0029	EA	Clay Lump And Friable Particles, ASTM C142	205.40	
01 45 23 00-0030		Permeability Tests *(01 45 23 00-0001)*		
01 45 23 00-0031		In-Place Tests *(01 45 23 00-0030)*		
01 45 23 00-0032	EA	Double Ring Infiltrometer Test, ASTM D3385	1,813.72	
01 45 23 00-0033	EA	Unconfined Compressive Strength (Pocket Penetrometer) Test	85.58	
01 45 23 00-0034		Lab Tests *(01 45 23 00-0030)*		
01 45 23 00-0035	EA	Falling Head Rigid Wall Consolidometer Technique CAE	846.40	
01 45 23 00-0036	EA	Falling Head Permeability Test EPA-9100	846.40	
01 45 23 00-0037	EA	Constant Head Permeability Test For Granular Soils, ASTM D2432	483.66	
01 45 23 00-0038		Concrete/Cement/Asphalt Testing *(01 45 23)*		
01 45 23 00-0039		Concrete Testing *(01 45 23 00-0038)*		
01 45 23 00-0040	EA	Prepare 6 x 12 Concrete Cylinder And Deliver To Lab	25.20	
01 45 23 00-0041	EA	6 x 12 Cylinder Concrete Compression Test, ASTM C-39 Or ASTM D1633	72.55	
01 45 23 00-0042	EA	Concrete Cores Compression Test, ASTM C-42	148.40	
01 45 23 00-0043	EA	6 x 6 x 18 Concrete Flexural Test, ASTM C-78	216.88	
01 45 23 00-0044	EA	Unit Weight Of Concrete Cylinder, ASTM C-567	79.90	
01 45 23 00-0045	EA	Concrete Mix Design Review	433.77	
01 45 23 00-0046	EA	Trial Concrete Batch Prepared In Laboratory	1,027.35	
01 45 23 00-0047	EA	Concrete Shrinkage, ASTM C-157 Modified	799.05	
01 45 23 00-0048	EA	6 x 12 Concrete Cylinder Splitting Tensile Test, ASTM C-496	123.28	
01 45 23 00-0049	EA	Concrete Slump Test, ASTM C143	57.08	
01 45 23 00-0050	EA	Concrete Air Content Test, ASTM C138, ASTM C173, Or ASTM C231	57.08	
01 45 23 00-0051		Cement Testing *(01 45 23 00-0038)*		
01 45 23 00-0052	EA	Cement Grab Sample (CCR Title 24) Note: Includes sealing and storing 1 year.	57.08	
01 45 23 00-0053	EA	2" x 2" x 2" Cube Compression Test, All Type Materials	91.32	
01 45 23 00-0054		Asphaltic Concrete Testing *(01 45 23 00-0038)*		
01 45 23 00-0055	EA	Hveem Asphaltic Concrete Stability Test, CA 366	114.15	
01 45 23 00-0056	EA	Marshall Asphaltic Concrete Stability Test (3 Specimens), ASTM D-6926/6927	296.79	
01 45 23 00-0057	EA	Stability Tests, Premixed, ASTM D1559	114.15	
01 45 23 00-0058	EA	Stability Tests, Lab. Mixed, ASTM D1559	296.79	
01 45 23 00-0059	EA	Swell Test, CA 305 Note: Includes compaction.	136.98	
01 45 23 00-0060	EA	% Asphalt Extraction Test, ASTM D-2172 B	342.45	
01 45 23 00-0061	EA	Maximum Theoretical Unit Weight, ASTM C2041	217.65	
01 45 23 00-0062	EA	Unit Weight Sample Requiring Compaction, California Test Method 308	45.66	
01 45 23 00-0063	EA	Asphalt Unit Weight On Core Test, CA 308C	45.66	
01 45 23 00-0064	HR	Nuclear Field Density Testing, 4 Hour Minimum	235.15	
01 45 23 00-0065	EA	Asphalt Film Stripping Test, CTM 302/AASHTO T182/ASTM D1664	117.30	
01 45 23 00-0066	EA	Penetration, ASTM D5	164.90	
01 45 23 00-0067		Masonry/Concrete Block/Tile Testing *(01 45 23)*		
01 45 23 00-0068		Masonry Testing *(01 45 23 00-0067)*		
01 45 23 00-0069	EA	2" x 4" Cylinder Mortar Compression Test	75.34	
01 45 23 00-0070	EA	4" x 4" x 8" Grout Prisms Compression Test	75.34	
01 45 23 00-0071	EA	Masonry Cores Compression Test	148.40	
01 45 23 00-0072	EA	Composite Grouted Prism Compression Test	285.38	
01 45 23 00-0073		Concrete Block Testing (ASTM C140 Or CMA Per Specimen) *(01 45 23 00-0067)*		
01 45 23 00-0074	EA	Up To 8" x 8" x 16" Concrete Block Compression Test, ASTM C-140	182.64	
01 45 23 00-0075	EA	Absorption Test, Moisture Content And Unit Weight	125.56	
01 45 23 00-0076	EA	First Unit, Moisture Condition By Relative Humidity, ASTM C427	479.27	
01 45 23 00-0077	EA	Moisture Condition By Relative Humidity, ASTM C427, Additional Unit	239.63	
01 45 23 00-0078		Acoustical Testing *(01 45 23)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

01 45 23 00-0079 EA Pre-Construction Acoustical Testing (30% Artificial Noise Eligility Testing) 1,721.85

Note: Pursuant to LACDA providing a list of residential structures that have been categorically selected pursuant to the qualification requirements established by 1) FAA Order 5100.38D and 2) Acoustical Testing Plan for LAX (ATP 2019). The JOC contractor commissioned acoustical engineer shall: Conduct acoustical engineering to sound test 1 single and or multifamily dwelling per the ATP 2019, ASTM Standard E966 and FAA Order 5100.38D, to include but not limited to: Provide engineering professionals, labor, equipment, and material to utilize artificial noise to accurately measure outdoor to indoor noise level reduction (NLR) of all habitable rooms to determine eligibility of the residential structure. 1. Provide artificial noise source test kit per ATP 2019 (Measurement Procedure, 2nd paragraph page 7). 2. Place equipment and noise source at façade in compliance with ASTM E966 per ATP 2019 (Placement of the Loudspeaker, 3rd paragraph page 7). 3. Generate artificial sound (pink sound) per ATP 2019 (Creating the One-Third Octave Band Measurement, 3rd paragraph page 8). 4. Calculate exterior vs interior noise reduction per ATP 2019 (Section D. Calculating Interior Noise Levels, page 8). 5. Calculate noise based on 737-800 to determine NLR per ATP 2019 (Aircraft Noise Spectra for use in NLR Calculation paragraph 6, page 9) 6. Provide pre-construction sound test data in a report format with methodology narrative, test results, NLR per unit and habitable room. Report may include property batching per initial work order or may be limited to one pre-construction test. 1. Categorical Testing Report content requirement detail: Owner Name, Address, Zoning, CNEL, Single or Multifamily description, No of tests per batch (to meet 30% representative sampling requirement) and confirmation on which property was tested from categorical list. 2. Audit Summary Report content detail: Group Designation (to be provided by LACDA), Owner Name, Address, List of habitable room with Exterior and Interior Noise Levels recorded, and cumulative average Noise Level of all rooms. All Test result figures exceeding an interior CNEL greater than 45dB to be indicated in bold red font color. The following notes should be included at the bottom of the Audit Summary Report: Notes: "Rooms with Interior CNEL of 45 dB and greater are in bold red font" 1) Testing conducted per ATP standards/procedures 2) Exterior CNEL data from 2020 Noise Exposure Map – and have been rounded to the next 4 dB CNEL Contour 3) Interior CNEL equals exterior CNEL minus measured room NLR 4) The ASTM E966 test method states "It is estimated that the repeatability standard deviation of these test procedures are of the order of 2 to 3 dB, depending on frequency". 5) Test results between 44.1 and 44.9 have been reported as 45.O dB due to ASTM E966 test method 7. Confirm the residential parcel is located within the 65CNEL though 74 CNEL to include FAA Approved Block Rounding (60 CNEL) as delineated by the 2020 LAX Noise Exposure Map (NEM) link LAWA.ORG 8. Schedule testing with resident(s) providing an arrival and departure time within e hours 8AM and 5PM, Monday through Friday (explanation of procedures, noise impact, resident expectations and supply each occupant with a pair of disposable ear plugs min rating 32dB) 9. Pre-Construction Acoustical Test Report must be completed and submitted to LACDA in final form not later than 20 working days from field noise test survey.

For > 3 Tests, Per Test, Deduct *-397.40*

For Ancillary Sound Test Equipment, Add *794.70*

Note: Supply and set-up mechanical lift to elevate loudspeaker on second story and/or elevated facade broadcast applications to meet ATP 19 testing protocols.

01 45 23 00-0080 EA Post-Construction Acoustical Audit/Testing (10% Artificial Noise Post Acoustical Improvement Audit/Testing) 1,721.85

Note: Pursuant to LACDA providing a list of residential structures that have been sound mitigated pursuant to the requirements established by 1) FAA Order 5100.38D and 2) Acoustical Testing Plan for LAX (ATP 2019). The JOC contractor commissioned acoustical engineer shall: Conduct acoustical engineering to sound test 1 single and or multifamily dwelling per the ATP 2019, ASTM Standard E966 and FAA Order 5100.38D, to include but not limited to: Provide engineering professionals, labor, equipment, and material to utilize artificial noise to accurately measure outdoor to indoor noise level reduction (NLR) of all habitable rooms to include cumulative room average of the dwelling to determine post treatment interior noise reduction/improvement. Goal: The goal of the Airport Improvement Program (AIP) and State of California is to achieve, post-construction, an interior noise of more than 45dB CNEL and a noise reduction goal (not a requirement) of 5 dB compared to pre-construction conditions. 1. Provide post-construction acoustic testing per ATP 2019 (Section G. Post-Construction Acoustic Testing, Page 15). 2. Provide artificial noise source test kit per ATP 2019 (Measurement Procedure, 2nd paragraph page 7). 3. Place equipment and noise source at façade in compliance with ASTM E966 per ATP 2019 (Placement of the Loudspeaker, 3rd paragraph page 7). 4.Generate artificial sound (pink sound) per ATP 2019 (Creating the One-Third Octave Band Measurement, 3rd paragraph page 8). 5. Calculate exterior vs interior noise reduction per ATP 2019 (Section D. Calculating Interior Noise Levels, page 8). 6. Calculate noise based on 737-800 to determine NLR per ATP 2019 (Aircraft Noise Spectra for use in NLR Calculation paragraph 6, page 9) 7. Provide post-construction sound test data in a comprehensive report format with methodology narrative, Pre (To be provided by LACDA, if not already provided by this consultant) and Post Test results, measured noise reduction per unit and habitable room. Report may include property batching per initial work order or may be limited to one post-construction test. 1. Noise Audit Summary Report content requirement detail: Owner Name, Address, Zoning, CNEL, Single or Multifamily description, No of tests per batch (to meet 10% representative sampling requirement) and confirmation on which property was tested from categorical list. 2. Audit Summary Report content detail: Group Designation (to be provided by LACDA), Owner Name, Address, List of habitable room with Exterior and Interior Noise Levels recorded, and cumulative average Noise Level of all rooms. All Test result figures with sound exceeding an interior CNEL greater than 45dB to be indicated in bold red font color. The following notes should be included at the bottom of the Audit Summary Report: Notes: "Rooms with Interior Noise Reduction of 45 dB and greater are to be reported in bold red font" 1) Testing conducted per ATP standards/procedures 2) Exterior CNEL data from 2020 Noise Exposure Map – and have been rounded to the next 4 dB CNEL Contour 3) Interior CNEL equals exterior CNEL minus measured room NLR 4) The ASTM E966 test method states "It is estimated that the repeatability standard deviation of these test procedures are of the order of 2 to 3 dB, depending on frequency". 8. Confirm the residential parcel is located within the 65CNEL though 74 CNEL to include FAA Approved Block Rounding (60 CNEL) as delineated by the 2020 LAX Noise Exposure Map (NEM) link LAWA.ORG 9. Schedule testing with resident(s) providing an arrival and departure time within e hours 8AM and 5PM, Monday through Friday (explanation of procedures, noise impact, resident expectations and supp

For > 3 Tests, Per Test, Deduct *-397.40*

For Ancillary Sound Test Equipment, Add *794.70*

Note: Supply and set-up mechanical lift to elevate loudspeaker on second story and/or elevated facade broadcast applications to meet ATP 19 testing protocols.

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

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

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

01 45 29 00-0002 EA Atterberg Limits - Liquid Limits (LL) And Plastic Limits (PL), T89, T90, ASTM D4318, Soil Borings Laboratory Test 157.19

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 45 29 00-0003	EA	Shrinkage Limit, Soil Borings Laboratory Test	50.15	
01 45 29 00-0004	EA	Unconfined Compressive Strength of Cohesive Soils, Soil Borings Laboratory Test	120.92	
01 45 29 00-0005	EA	Consolidation, Soil Borings Laboratory Test	846.40	
01 45 29 00-0006	EA	Swell Test, Soil Borings Laboratory Test	132.70	
01 45 29 00-0007	EA	In Place Density, Soil Borings Laboratory Test	36.27	
01 45 29 00-0008	EA	Moisture Content, ASTM D2216, Soil Borings Laboratory Test	22.53	
01 45 29 00-0009	EA	Hydrometer Analysis, Soil Borings Laboratory Test	290.95	
01 45 29 00-0010	EA	Specific Gravity, ASTM D854, Soil Borings Laboratory Test	101.43	
01 45 29 00-0011	EA	Partial Sieve Analysis, Soil Borings Laboratory Test	20.06	
01 45 29 00-0012	EA	Laboratory Permeability, Soil Borings Laboratory Test	1,002.97	
01 45 29 00-0013	EA	Sieve Analysis, ASTM D422, Soil Borings Laboratory Test	202.87	
01 45 29 00-0014	EA	Sulfate Soundness, Soil Borings Laboratory Test	250.74	
01 45 29 00-0015	EA	Los Angeles Abrasion, Soil Borings Laboratory Test	464.14	
01 45 29 00-0016	EA	Soil Bearing Ratio, ASTM D1883	513.68	
01 45 29 00-0017	EA	Compaction Test Subgrade, Soil Borings Laboratory Test	150.45	
01 45 29 00-0018	EA	Compaction Test Base Course, Soil Borings Laboratory Test	167.16	
01 45 29 00-0019	EA	In Place Density And Water Content Test By Nuclear Methods, ASTM D6938, Soil Borings Laboratory Test	358.78	
01 45 29 00-0020	EA	Field Density Sand Cone, AASHTO T-191, ASTM D1556, Soil Borings Laboratory Test	76.89	

01 50 Temporary Facilities and Controls *(01)*

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

01 51 Temporary Utilities *(01 50)*

01 51 13 Temporary Electricity *(01 51)*

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

Note: Includes installation in ground and removal after use.

01 51 13 00-0002	MON	17' To 35' Temporary Wood Power Pole Rental For 100 Amperes Service	93.66
01 51 13 00-0003	MON	17' To 35' Temporary Wood Power Pole Rental For 200 Amperes Service	112.39
01 51 13 00-0004	EA	Power Installation For 100 Amperes Service Note: One time fee	936.55
01 51 13 00-0005	EA	Power Installation For 200 Amperes Service Note: One time fee	1,123.86

01 51 26 Temporary Lighting *(01 51)*

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

Note: Includes removal after use.

01 51 26 00-0002	EA	Temporary Exit Light	293.02
01 51 26 00-0003	EA	Temporary 10 Light String With Cages	108.79
01 51 26 00-0004	EA	Temporary High Bay Light	413.29

01 52 Construction Facilities *(01 50)*

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

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

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

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

01 52 13 00-0002	MO	8' x 24' Mobile Office, With Toilet	252.05
		For Each Delivery And Removal, Two Round Trips, Add	*1,503.91*
		For Each Set-Up (Block And Level), Add	*874.77*
		For Each Anchoring Into Dirt, Add Per Each Anchor	*243.24*
		For Each Anchoring Into Asphalt Or Concrete, Add Per Each Anchor	*338.12*
		For Knockdown, Add	*857.36*
		For Office Trailer Without Toilet, Deduct	*-50.41*
01 52 13 00-0003	MO	8' x 32' Mobile Office, With Toilet	285.65
		For Each Delivery And Removal, Two Round Trips, Add	*1,503.91*
		For Each Set-Up (Block And Level), Add	*874.77*
		For Each Anchoring Into Dirt, Add Per Each Anchor	*243.24*
		For Each Anchoring Into Asphalt Or Concrete, Add Per Each Anchor	*338.12*
		For Knockdown, Add	*857.36*
		For Office Trailer Without Toilet, Deduct	*-57.13*
01 52 13 00-0004	MO	10' x 36' Mobile Office, With Toilet	386.47
		For Each Delivery And Removal, Two Round Trips, Add	*3,007.82*
		For Each Set-Up (Block And Level), Add	*1,370.95*
		For Each Anchoring Into Dirt, Add Per Each Anchor	*243.24*
		For Each Anchoring Into Asphalt Or Concrete, Add Per Each Anchor	*338.12*
		For Knockdown, Add	*1,283.98*
		For Office Trailer Without Toilet, Deduct	*-77.29*
01 52 13 00-0005	MO	10' x 40' Mobile Office, With Toilet	411.68
		For Each Delivery And Removal, Two Round Trips, Add	*3,007.82*
		For Each Set-Up (Block And Level), Add	*1,370.95*
		For Each Anchoring Into Dirt, Add Per Each Anchor	*243.24*
		For Each Anchoring Into Asphalt Or Concrete, Add Per Each Anchor	*338.12*
		For Knockdown, Add	*1,283.98*
		For Office Trailer Without Toilet, Deduct	*-82.34*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 52 13 00-0006	MO	10' x 44' Mobile Office, With Toilet	453.69	
		For Each Delivery And Removal, Two Round Trips, Add	*3,007.82*	
		For Each Set-Up (Block And Level), Add	*1,370.95*	
		For Each Anchoring Into Dirt, Add Per Each Anchor	*243.24*	
		For Each Anchoring Into Asphalt Or Concrete, Add Per Each Anchor	*338.12*	
		For Knockdown, Add	*1,283.98*	
01 52 13 00-0007	MO	10' x 50' Mobile Office, With Toilet	478.89	
		For Each Delivery And Removal, Two Round Trips, Add	*3,007.82*	
		For Each Set-Up (Block And Level), Add	*1,370.95*	
		For Each Anchoring Into Dirt, Add Per Each Anchor	*243.24*	
		For Each Anchoring Into Asphalt Or Concrete, Add Per Each Anchor	*338.12*	
		For Knockdown, Add	*1,283.98*	
01 52 13 00-0008	MO	12' x 32' Mobile Office, With Toilet	389.04	
		For Each Anchoring Into Dirt, Add Per Each Anchor	*243.24*	
		For Each Anchoring Into Asphalt Or Concrete, Add Per Each Anchor	*338.12*	
		For Knockdown, Add	*1,283.98*	
		For Each Delivery And Removal, Two Round Trips, Add	*779.13*	
		For Each Set-Up (Block And Level), Add	*587.88*	
01 52 13 00-0009	MO	12' x 44' Mobile Office, With Toilet	520.13	
		For Each Delivery And Removal, Two Round Trips, Add	*3,007.82*	
		For Each Set-Up (Block And Level), Add	*1,370.95*	
		For Each Anchoring Into Dirt, Add Per Each Anchor	*243.24*	
		For Each Anchoring Into Asphalt Or Concrete, Add Per Each Anchor	*338.12*	
		For Knockdown, Add	*1,283.98*	
01 52 13 00-0010	MO	12' x 50' Mobile Office, With Toilet	619.20	
		For Each Delivery And Removal, Two Round Trips, Add	*3,007.82*	
		For Each Set-Up (Block And Level), Add	*1,370.95*	
		For Each Anchoring Into Dirt, Add Per Each Anchor	*243.24*	
		For Each Anchoring Into Asphalt Or Concrete, Add Per Each Anchor	*338.12*	
		For Knockdown, Add	*1,283.98*	
01 52 13 00-0011	MO	12' x 60' Mobile Office, With Toilet	856.12	
		For Each Delivery And Removal, Two Round Trips, Add	*3,007.82*	
		For Each Set-Up (Block And Level), Add	*1,370.95*	
		For Each Anchoring Into Dirt, Add Per Each Anchor	*243.24*	
		For Each Anchoring Into Asphalt Or Concrete, Add Per Each Anchor	*338.12*	
		For Knockdown, Add	*1,283.98*	
01 52 13 00-0012	MO	24' x 60' Modular Office, With Toilet	1,344.25	
		For Each Delivery And Removal, Two Round Trips, Add	*4,511.73*	
		For Each Set-Up (Block And Level), Add	*2,459.73*	
		For Each Anchoring Into Dirt, Add Per Each Anchor	*243.24*	
		For Each Anchoring Into Asphalt Or Concrete, Add Per Each Anchor	*338.12*	
		For Knockdown, Add	*2,572.07*	
01 52 13 00-0013	MO	24' x 72' Modular Office, With Toilet	1,613.09	
		For Each Delivery And Removal, Two Round Trips, Add	*4,511.73*	
		For Each Set-Up (Block And Level), Add	*2,459.73*	
		For Each Anchoring Into Dirt, Add Per Each Anchor	*243.24*	
		For Each Anchoring Into Asphalt Or Concrete, Add Per Each Anchor	*338.12*	
		For Knockdown, Add	*2,572.07*	
01 52 13 00-0014	MO	30' x 30' Modular Office, With Toilet	843.31	
		For Each Delivery And Removal, Two Round Trips, Add	*4,511.73*	
		For Each Set-Up (Block And Level), Add	*2,459.73*	
		For Each Anchoring Into Dirt, Add Per Each Anchor	*243.24*	
		For Each Anchoring Into Asphalt Or Concrete, Add Per Each Anchor	*338.12*	
		For Knockdown, Add	*2,572.07*	

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

Note: Costs includes installation or placement in trailer.

01 52 13 00-0016	MO	Desk For Field Office Trailer	41.23
01 52 13 00-0017	MO	Rolling Desk Chair For Field Office Trailer	25.77
01 52 13 00-0018	MO	File Cabinet For Field Office Trailer	30.92
01 52 13 00-0019	MO	Table For Field Office Trailer	20.61
01 52 13 00-0020	MO	Folding Chair For Field Office Trailer	9.76
01 52 13 00-0021	EA	Phone Hook-Up For Field Office Trailer	113.37
01 52 13 00-0022	MO	Local Hardwired Phone or Data Service Per Phone Line For Field Office Trailer	82.45
01 52 13 00-0023	MO	Security System With Monitoring For Field Office Trailer	129.90
01 52 13 00-0024	LF	Perimeter Trailer Vinyl Skirting For Field Office Trailer	16.35
01 52 13 00-0025	LF	Insulated Perimeter Trailer Vinyl Skirting For Field Office Trailer	38.73
01 52 13 00-0026	MO	Steps For Field Office Trailer	74.45
01 52 13 00-0027	MO	Steps With Canopy For Field Office Trailer	125.05
01 52 13 00-0028	MO	Fax Machine For Field Office Trailer	44.17
01 52 13 00-0029	MO	Copier For Field Office Trailer	82.45

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

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

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 52 19		**Sanitary Facilities** *(01 52)*		
01 52 19 00-0001		Portable Toilets *(01 52 19)*		
		Note: Includes servicing once per week (unless task states otherwise).		
01 52 19 00-0002	WK	Portable Chemical Toilet	69.23	
		For Each Additional Servicing Per Unit Per Week, Add	*25.00*	
		For Each Delivery And Set-up, Add	*49.47*	
01 52 19 00-0003	MO	Portable Chemical Toilet	207.69	
		For Each Additional Servicing Per Unit Per Week, Add	*25.00*	
		For Each Delivery And Set-up, Add	*49.47*	
01 52 19 00-0004	WK	Americans With Disabilities Act Compliant Portable Chemical Toilet	82.57	
		For Each Additional Servicing Per Unit Per Week, Add	*25.00*	
		For Each Delivery And Set-up, Add	*49.47*	
01 52 19 00-0005	MO	Americans With Disabilities Act Compliant Portable Chemical Toilet	242.30	
		For Each Additional Servicing Per Unit Per Week, Add	*25.00*	
		For Each Delivery And Set-up, Add	*49.47*	
01 52 19 00-0006	WK	Two Station Portable Handwash	56.43	
		For Each Delivery And Set-up, Add	*49.47*	
01 52 19 00-0007	MO	Two Station Portable Handwash	171.18	
		For Each Delivery And Set-up, Add	*49.47*	
01 52 19 00-0008	MO	6 Station, Portable Toilets, Multi Trailer	6,253.92	
		Note: Includes women's room (3 toilets, 2 sinks) and men's room (1 toilet, 1 urinal and 1 sink). Excludes servicing.		
		For Each Delivery, Set-up And Removal, Two Round Trips, Add	*1,205.73*	
01 52 19 00-0009	WK	Service 6 Station Trailer Restrooms, 3 Times Per Week	2,105.24	
		For One Additional Service Per Week, Add	*701.74*	
		Note: For one less service per week, UOM to be negative one (-1)		
01 53		**Temporary Construction** *(01 50)*		
01 53 16		**Temporary Decking** *(01 53)*		
01 53 16 00-0001		Temporary Walkways And Railings *(01 53 16)*		
		Note: Includes removal after use.		
01 53 16 00-0002	SF	Temporary Wood Walkway, 3/4" Plywood On 2 x 6 Stringers	8.01	
01 53 16 00-0003	LF	Temporary Wooden Guardrail, 42" High, Posts, Handrail, And Intermediate Rail	32.86	
01 53 16 00-0004	LF	Temporary Wood Guardrail Base, 12" x 12" Timber Beam	15.39	
01 53 16 00-0005	RSR	Temporary Wood Stairs, Tread And Riser On 2" x 12" Stringers	26.41	
01 53 23		**Temporary Ramps** *(01 53)*		
01 53 23 00-0001		Temporary Plywood For Wheel Barrow Access *(01 53 23)*		
		Note: Includes removal after use.		
01 53 23 00-0002	SF	Temporary Plywood For Wheel Barrow Access	1.54	0.49
01 54		**Construction Aids** *(01 50)*		
01 54 09		**Personnel Protection Equipment** *(01 54)*		
01 54 09 00-0001		Personnel Protection Equipment *(01 54 09)*		
		Note: Personnel Protection Equipment (PPE) for workers safety is considered as part of the Contractor's and Workers responisbility. Includes, but are not limited to; protective work gloves, hearing protection, protective clothing, reflective vests, safety glasses or face shields, dust masks, hard hats, appropriate foot protection (slip resistant, puncture-resistant soles, safety-toed), safety harnesses with lifeline, etc. Review JOC Note and specifications for requirements.		
01 54 09 00-0002	NTE	Personnel Protection Equipment	0.00	
		Note: For specification publishing. Review specifications for requirements.		
01 54 23		**Temporary Scaffolding and Platforms** *(01 54)*		
01 54 23 00-0001		Scaffolding *(01 54 23)*		
		Note: Additional scaffolding rental for work above the normal working height.		
01 54 23 00-0002		Scaffolding Rental - Rental Only *(01 54 23 00-0001)*		
		Note: Monthly rental of actual scaffolding volume rented. Scaffolding is complete with bracing, 2" thick x 12" wide scaffolding planks, scaffolding stairs (where necessary in lieu of planks), standard accessories, base leveling devices, mud sills, climbing ladders and landings, brackets, clamps and building ties, etc. See CSI section 01 54 23 00-0006 for scaffolding erection and dismantling.		
01 54 23 00-0003	CCF	Scaffolding With Bracing Accessories - Area Based On 5' Wide Sections (CCF / Month)	44.13	
		For Up To 25, Add	*17.65*	
		For >25 To 50, Add	*11.03*	
		For >50 To 150, Add	*4.41*	
01 54 23 00-0004	CCF	Scaffolding With Bracing Accessories - Area Based On 4' Wide Sections (CCF / Month)	49.62	
		For Up To 25, Add	*19.85*	
		For >25 To 50, Add	*12.41*	
		For >50 To 150, Add	*4.96*	
01 54 23 00-0005	CCF	Scaffolding With Bracing Accessories - Area Based On 3' Wide Sections (CCF / Month)	66.19	
		For Up To 25, Add	*26.48*	
		For >25 To 50, Add	*16.55*	
		For >50 To 150, Add	*6.62*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 54 23 00-0006		**Scaffolding Erection And Dismantling - Labor Only** *(01 54 23 00-0001)* Note: Includes both initial erection and final dismantling Excludes lifting equipment. The unit of measure is the volume of scaffolding erected. See CSI section 01 54 23 00-0002 for scaffolding rental.		
01 54 23 00-0007	CCF	Up To 20' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories	47.41	
01 54 23 00-0008	CCF	>20' To 40' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories	62.17	
01 54 23 00-0009	CCF	>40' To 60' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories	82.97	
01 54 23 00-0010	CCF	>60' To 80' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories	91.27	
01 54 23 00-0011	CCF	>80' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories	105.10	
01 54 23 00-0012	CCF	Up To 20' Height Scaffolding Initial Erection And Final Dismantling Set Up On Stairs, Per CCF Of Scaffolding And Accessories	66.38	
01 54 23 00-0013		**Heavy-Duty Masonry Scaffolding Rental - Rental Only** *(01 54 23 00-0001)* Note: Monthly rental of actual scaffolding volume rented. For projects over 2 stories. Scaffolding is complete with bracing, 2" thick x 12" wide scaffolding planks, scaffolding stairs (where necessary in lieu of planks), standard accessories, base leveling devices, mud sills, climbing ladders and landings, brackets, clamps, flat plate, connectors and building ties, etc. See CSI section 01 54 23 00-0019 for erection.		
01 54 23 00-0014	CCF	Heavy-Duty Masonry Scaffolding With Bracing Accessories - Area Based On 4' Wide Sections (CCF / Month)	70.43	
01 54 23 00-0015	CCF	Heavy-Duty Masonry Scaffolding With Bracing Accessories - Area Based On 2' Wide Sections (CCF / Month)	129.12	
01 54 23 00-0016	LF	Aluminum Joists (LF / Month)	11.45	
01 54 23 00-0017	LF	Aluminum Stringers (LF / Month)	16.42	
01 54 23 00-0018	EA	Screw Jack With U-Plate For Stringers (EA / Month)	20.69	
01 54 23 00-0019		**Heavy-Duty Masonry Scaffolding Erection And Dismantling - Labor Only** *(01 54 23 00-0001)* Note: Includes both initial erection and final dismantling Excludes lifting equipment. The unit of measure is the volume of scaffolding erected. See CSI section 01 54 23 00-0013 for scaffolding rental.		
01 54 23 00-0020	CCF	Up To 20' Height Heavy-Duty Masonry Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories.	88.50	
01 54 23 00-0021	CCF	>20' To 40' Height Heavy-Duty Masonry Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories.	110.63	
01 54 23 00-0022	CCF	>40' To 60' Height Heavy-Duty Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories.	132.76	
01 54 23 00-0023	CCF	>60' To 80' Height Heavy-Duty Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories.	143.82	
01 54 23 00-0024	CCF	>80' Height Heavy-Duty Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories.	160.41	
01 54 23 00-0025		**Scaffolding Accessories** *(01 54 23 00-0001)* See CSI section 01 54 23 00-0019 for erection.		
01 54 23 00-0026	CSF	Netting for Exterior Building Scaffolding Note: Includes removal after use.	41.85	
01 54 23 00-0027		**Rolling Scaffolding** *(01 54 23)* Note: Includes moving and relocating scaffolding on site. Excludes initial erection and final dismantling of scaffold.		
01 54 23 00-0028	DAY	>14' To 20', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	14.28	
01 54 23 00-0029	WK	>14' To 20', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	57.23	
01 54 23 00-0030	MO	>14' To 20', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	228.90	
01 54 23 00-0031	DAY	>20' To 40', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	23.91	
01 54 23 00-0032	WK	>20' To 40', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	95.76	
01 54 23 00-0033	MO	>20' To 40', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	383.07	
01 54 23 00-0034	EA	>14' To 20', Rolling Scaffolding Initial Erection And Final Dismantling For Each Scaffold	128.68	
01 54 23 00-0035	EA	>20' To 40', Rolling Scaffolding Initial Erection And Final Dismantling For Each Scaffold	160.84	
01 54 23 00-0036		**Shoring Posts** *(01 54 23)*		
01 54 23 00-0037	DAY	6'-6" To 11' Extension, 5,000 Lb. Capacity, Steel Shoring Post	2.15	
01 54 23 00-0038	WK	6'-6" To 11' Extension, 5,000 Lb. Capacity, Steel Shoring Post	8.60	
01 54 23 00-0039	MO	6'-6" To 11' Extension, 5,000 Lb. Capacity, Steel Shoring Post	25.81	
01 54 23 00-0040	EA	Initial Erection And Final Dismantling For Each Shoring Post	10.30	
		For >20 To 50, Deduct	*-1.55*	
		For >50 To 100, Deduct	*-3.61*	
		For >100, Deduct	*-5.67*	
01 54 23 00-0041		**Temporary Lumber, Single Use** *(01 54 23)* Note: Includes removal after use.		
01 54 23 00-0042	SF	5/16" CD Grade Plywood, Temporary Lumber	2.46	
01 54 23 00-0043	SF	1/2" CD Grade Plywood, Temporary Lumber	2.78	
01 54 23 00-0044	SF	5/8" CD Grade Plywood, Temporary Lumber	3.10	
01 54 23 00-0045	SF	3/4" CD Grade Plywood, Temporary Lumber	3.41	
01 54 23 00-0046	SF	1" CD Grade Plywood, Temporary Lumber	5.03	
01 54 23 00-0047	LF	2" x 4" Temporary Lumber	3.23	
01 54 23 00-0048	LF	2" x 6" Temporary Lumber	4.13	
01 54 23 00-0049	LF	2" x 8" Temporary Lumber	5.02	
01 54 23 00-0050	LF	2" x 10" Temporary Lumber	5.92	
01 54 23 00-0051	LF	2" x 12" Temporary Lumber	6.82	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 54 23 00-0052	LF	3" x 8" Temporary Lumber	6.82	
01 54 23 00-0053	LF	3" x 10" Temporary Lumber	8.16	
01 54 23 00-0054	LF	3" x 12" Temporary Lumber	9.51	
01 54 23 00-0055	LF	4" x 4" Temporary Lumber	4.46	
01 54 23 00-0056	LF	4" x 6" Temporary Lumber	6.45	
01 54 23 00-0057	LF	6" x 6" Temporary Lumber	8.44	
01 54 23 00-0058	LF	6" x 8" Temporary Lumber	10.97	
01 54 23 00-0059	LF	12" x 12" Temporary Lumber	27.29	

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

Note: Includes removal after use.

01 54 23 00-0061	EA	2' x 2' x 2' Temporary Precast Concrete (Ecology) Block Note: Includes removal after use.	133.58	
01 54 23 00-0062	EA	2' x 2' x 4' Temporary Precast Concrete (Ecology) Block Note: Includes removal after use.	166.99	
01 54 23 00-0063	EA	2' x 2' x 8' Temporary Precast Concrete (Ecology) Block Note: Includes removal after use.	219.24	

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

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

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

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

01 54 26 00-0002	MO	7' Swing Stage, Electric Operated	3,095.78	
01 54 26 00-0003	MO	10' Swing Stage, Electric Operated	3,250.57	
01 54 26 00-0004	MO	14' Swing Stage, Electric Operated	3,405.36	
01 54 26 00-0005	MO	20' Swing Stage, Electric Operated	3,560.15	
01 54 26 00-0006	MO	24' Swing Stage, Electric Operated	3,714.94	
01 54 26 00-0007	MO	30' Swing Stage, Electric Operated	3,869.73	
01 54 26 00-0008	MO	42' Swing Stage, Electric Operated	4,024.52	
01 54 26 00-0009	MO	12' Swing Stage, Manually Operated	892.71	
01 54 26 00-0010	MO	24' Swing Stage, Manually Operated	1,115.89	
01 54 26 00-0011	EA	Swing Stage Platform From Hooks, Erection And Dismantling Note: Includes both initial erection and final dismantling of platform. Excludes anchors or temporary roof mounted outrigger system.	5,485.11	
01 54 26 00-0012	EA	Swing Stage Platform And Temporary Roof Mounted Outrigger System Erection And Dismantling Note: Includes both initial erection and final dismantling of temporary roof mounted outrigger system.	7,622.49	
01 54 26 00-0013	EA	Move Swing Stage Platform From Hooks To Different Location At Same Roof	2,884.19	
01 54 26 00-0014	EA	Move Swing Stage Platform and Temporary Roof Mounted Outrigger System To Different Location At Same Roof	4,017.26	

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

01 55 23 Temporary Roads *(01 55)*

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

Note: As per Caltrans detail.

01 55 23 00-0002	SF	3" To 4" Rock Temporary Stabilized Construction Entrance Assembly Note: Includes up to 12" excavation of pit, hauling and disposal of soil, filter fabric at base and sides, filled with rock, and compaction.	3.38	
01 55 23 00-0003	SF	>4" To 6" Rock Temporary Stabilized Construction Entrance Assembly Note: Includes up to 12" excavation of pit, hauling and disposal of soil, filter fabric at base and sides, filled with rock, and compaction.	4.41	

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

01 55 23 00-0005	MO	8' x 10' Steel Rumble Trench Plate Rental	413.50	
01 55 23 00-0006	EA	Placement And Removal Of Rumble Plate Note: If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rentals tasks, 01 71 13 00-0000 for mobilization tasks.	107.16	
01 55 23 00-0007	EA	Relocate And Adjust Location Of Rumble Plate Note: If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rentals tasks, 01 71 13 00-0000 for mobilization tasks.	26.79	

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

Note: Excludes asphalt and gravel.

01 55 23 00-0009	EA	4" Pipeline, 12' Passable Vehicle Width, Temporary Road Ramp (Godwin)	5,099.78	239.65
01 55 23 00-0010	EA	6" Pipeline, 12' Passable Vehicle Width, Temporary Road Ramp (Godwin)	6,946.55	359.48
01 55 23 00-0011	EA	8" Pipeline, 12' Passable Vehicle Width, Temporary Road Ramp (Godwin)	9,596.88	479.31
01 55 23 00-0012	EA	12" Pipeline, 12' Passable Vehicle Width, Temporary Road Ramp (Godwin)	19,881.04	599.13
01 55 23 00-0013	EA	24" Pipeline, 15' Passable Vehicle Width, Temporary Road Ramp (Godwin)	29,160.74	718.96

01 55 26 Traffic Control *(01 55)*

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

Note: Includes installation and removal after use.

01 55 26 00-0002	LF	6" Removable Traffic Black Line Mask	5.60	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 55 26 00-0003	LF	8" Removable Traffic Black Line Mask	6.72	
01 55 26 00-0004		**Temporary Preformed Traffic Line Tape** *(01 55 26)*		
		Note: Includes installation and removal after use.		
01 55 26 00-0005	LF	4" Reflective Removable Traffic Line Tape	5.66	
01 55 26 00-0006	LF	6" Reflective Removable Traffic Line Tape	7.67	
01 55 26 00-0007	LF	8" Reflective Removable Traffic Line Tape	9.57	
01 55 26 00-0008		**Temporary Painted Traffic Lines** *(01 55 26)*		
		Note: Includes installation and removal after use.		
01 55 26 00-0009	LF	4" Temporary Painted Traffic Lines	2.46	
		Note: Includes removal after use		
		For Not Removed, Deduct	*-1.73*	
01 55 26 00-0010	LF	6" Temporary Painted Traffic Lines	3.25	
		Note: Includes removal after use		
		For Not Removed, Deduct	*-2.37*	
01 55 26 00-0011	LF	8" Temporary Painted Traffic Lines	4.08	
		Note: Includes removal after use		
		For Not Removed, Deduct	*-2.98*	
01 55 26 00-0012		**Temporary Pedestrian Traffic Control** *(01 55 26)*		
01 55 26 00-0013	CLF	1", 4 Mil Polyethylene Printed Barricade Tape, Fluorescent Orange	11.98	
01 55 26 00-0014	CLF	2", 4 Mil Polyethylene Printed Barricade Tape, Fluorescent Orange	15.60	
01 55 26 00-0015	CLF	3/4", 4 Mil Polyethylene Printed Barricade Tape, Fluorescent Yellow	9.47	
01 55 26 00-0016	CLF	2", 4 Mil Polyethylene Printed Barricade Tape, Fluorescent Yellow	11.59	
01 55 26 00-0017	CLF	3", 4 Mil Polyethylene Printed Barricade Tape, Non-Fluorescent	12.57	
01 55 26 00-0018	CLF	6", 4 Mil Polyethylene Printed Barricade Tape, Non-Fluorescent	17.13	
01 55 26 00-0019	CLF	1" Exterior Vinyl Tape (Warning Tape)	14.13	
01 55 26 00-0020	CLF	2" Exterior Vinyl Tape (Warning Tape)	19.69	
01 55 26 00-0021	CLF	3" Exterior Vinyl Tape (Warning Tape)	24.58	
01 55 26 00-0022	CLF	4" Exterior Vinyl Tape (Warning Tape)	28.74	
01 55 26 00-0023		**Linear Delineation System, Temporary Or Permanent** *(01 55 26)*		
		Note: High visibility reflective sheeting strips. Scotchlite as manufactured by 3M.		
01 55 26 00-0024	LF	4" Linear Delineation System	11.90	
01 55 26 00-0025	LF	6" Linear Delineation System	16.04	
01 55 26 00-0026		**Temporary Traffic Protection** *(01 55 26)*		
01 55 26 00-0027		**Temporary Portable Traffic Control Device Usage** *(01 55 26 00-0026)*		
		Note: Excludes placing and removing devices. See CSI section 01 55 26 00-0132 for delivery, placing and removal.		
01 55 26 00-0028	DAY	28" Cone With Reflective Collar	0.89	
01 55 26 00-0029	WK	28" Cone With Reflective Collar	2.66	
01 55 26 00-0030	MO	28" Cone With Reflective Collar	7.99	
01 55 26 00-0031	DAY	Vertical Panel	2.68	
01 55 26 00-0032	WK	Vertical Panel	8.04	
01 55 26 00-0033	MO	Vertical Panel	24.13	
01 55 26 00-0034	DAY	Channelizer Drum	2.91	
01 55 26 00-0035	WK	Channelizer Drum	8.73	
01 55 26 00-0036	MO	Channelizer Drum	26.20	
01 55 26 00-0037	DAY	Stackable Channelizer Panel	1.38	
01 55 26 00-0038	WK	Stackable Channelizer Panel	4.13	
01 55 26 00-0039	MO	Stackable Channelizer Panel	12.39	
01 55 26 00-0040	DAY	Type I Barricade, Up To 3' Wide With Reflective Rail Each Side	1.91	
01 55 26 00-0041	WK	Type I Barricade, Up To 3' Wide With Reflective Rail Each Side	5.72	
01 55 26 00-0042	MO	Type I Barricade, Up To 3' Wide With Reflective Rail Each Side	17.16	
01 55 26 00-0043	DAY	Type II Barricade, Up To 3' Wide With Two Reflective Rails Each Side	4.23	
01 55 26 00-0044	WK	Type II Barricade, Up To 3' Wide With Two Reflective Rails Each Side	12.68	
01 55 26 00-0045	MO	Type II Barricade, Up To 3' Wide With Two Reflective Rails Each Side	38.03	
01 55 26 00-0046	DAY	Type III Barricade, Up To 5' Wide With Three Reflective Rails	4.82	
01 55 26 00-0047	WK	Type III Barricade, Up To 5' Wide With Three Reflective Rails	14.45	
01 55 26 00-0048	MO	Type III Barricade, Up To 5' Wide With Three Reflective Rails	43.34	
01 55 26 00-0049	DAY	Type III Barricade, >5' To 10' Wide With Three Reflective Rails	8.81	
01 55 26 00-0050	WK	Type III Barricade, >5' To 10' Wide With Three Reflective Rails	26.43	
01 55 26 00-0051	MO	Type III Barricade, >5' To 10' Wide With Three Reflective Rails	79.28	
01 55 26 00-0052	DAY	Up To 10' Wide A Frame Barricade	4.83	
01 55 26 00-0053	WK	Up To 10' Wide A Frame Barricade	14.49	
01 55 26 00-0054	MO	Up To 10' Wide A Frame Barricade	43.48	
01 55 26 00-0055	DAY	Type A Or C Flasher	0.98	
01 55 26 00-0056	WK	Type A Or C Flasher	2.95	
01 55 26 00-0057	MO	Type A Or C Flasher	8.86	
01 55 26 00-0058	DAY	Type B Flasher (High Intensity)	5.34	
01 55 26 00-0059	WK	Type B Flasher (High Intensity)	16.02	
01 55 26 00-0060	MO	Type B Flasher (High Intensity)	48.07	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 55 26 00-0061		**Temporary Traffic Barriers Usage** *(01 55 26 00-0026)* Note: Excludes placing and removing devices. See CSI section 01 55 26 00-0132 for delivery, placing and removal.		
01 55 26 00-0062	DAY	6' Long Portable Parking Curbs	2.30	
01 55 26 00-0063	WK	6' Long Portable Parking Curbs	6.90	
01 55 26 00-0064	MO	6' Long Portable Parking Curbs	20.71	
01 55 26 00-0065	DAY	6' Long Portable Speed Bumps	6.81	
01 55 26 00-0066	WK	6' Long Portable Speed Bumps	20.42	
01 55 26 00-0067	MO	6' Long Portable Speed Bumps	61.28	
01 55 26 00-0068	DAY	8' To 12.5' Concrete Traffic Barrier	16.36	
01 55 26 00-0069	WK	8' To 12.5' Concrete Traffic Barrier	49.07	
01 55 26 00-0070	MO	8' To 12.5' Concrete Traffic Barrier	147.21	
01 55 26 00-0071	DAY	>12.5' To 20' Concrete Traffic Barrier	32.71	
01 55 26 00-0072	WK	>12.5' To 20' Concrete Traffic Barrier	98.14	
01 55 26 00-0073	MO	>12.5' To 20' Concrete Traffic Barrier	294.42	
01 55 26 00-0074	DAY	6' x 32" Tall Plastic Water Barrier	19.53	
01 55 26 00-0075	WK	6' x 32" Tall Plastic Water Barrier	58.60	
01 55 26 00-0076	MO	6' x 32" Tall Plastic Water Barrier	175.80	
01 55 26 00-0077	DAY	6' x 46" Tall Plastic Water Barrier	27.89	
01 55 26 00-0078	WK	6' x 46" Tall Plastic Water Barrier	83.67	
01 55 26 00-0079	MO	6' x 46" Tall Plastic Water Barrier	251.02	
01 55 26 00-0080	DAY	Sand Filled Crash Attenuator Barrels	10.92	
01 55 26 00-0081	WK	Sand Filled Crash Attenuator Barrels	32.75	
01 55 26 00-0082	MO	Sand Filled Crash Attenuator Barrels	98.25	
01 55 26 00-0083		**Temporary Portable Signs And Message Displays Usage** *(01 55 26 00-0026)* Note: Excludes placing and removing devices. See CSI section 01 55 26 00-0132 for delivery, placing and removal.		
01 55 26 00-0084	DAY	Mesh Or Vinyl Roll-up Sign With Stand	8.57	
01 55 26 00-0085	WK	Mesh Or Vinyl Roll-up Sign With Stand	25.71	
01 55 26 00-0086	MO	Mesh Or Vinyl Roll-up Sign With Stand	77.14	
01 55 26 00-0087	DAY	18" x 18" Aluminum Construction Sign, With Portable Stand	3.33	
01 55 26 00-0088	WK	18" x 18" Aluminum Construction Sign, With Portable Stand	9.98	
01 55 26 00-0089	MO	18" x 18" Aluminum Construction Sign, With Portable Stand	29.95	
01 55 26 00-0090	DAY	30" x 24" Aluminum Construction Sign, With Portable Stand	4.58	
01 55 26 00-0091	WK	30" x 24" Aluminum Construction Sign, With Portable Stand	13.74	
01 55 26 00-0092	MO	30" x 24" Aluminum Construction Sign, With Portable Stand	41.21	
01 55 26 00-0093	DAY	30" x 30" Aluminum Construction Sign, With Portable Stand	4.07	
01 55 26 00-0094	WK	30" x 30" Aluminum Construction Sign, With Portable Stand	12.20	
01 55 26 00-0095	MO	30" x 30" Aluminum Construction Sign, With Portable Stand	36.59	
01 55 26 00-0096	DAY	48" x 18" Aluminum Construction Sign, With Portable Stand	5.00	
01 55 26 00-0097	WK	48" x 18" Aluminum Construction Sign, With Portable Stand	14.99	
01 55 26 00-0098	MO	48" x 18" Aluminum Construction Sign, With Portable Stand	44.98	
01 55 26 00-0099	DAY	48" x 24" Aluminum Construction Sign, With Portable Stand	5.84	
01 55 26 00-0100	WK	48" x 24" Aluminum Construction Sign, With Portable Stand	17.51	
01 55 26 00-0101	MO	48" x 24" Aluminum Construction Sign, With Portable Stand	52.53	
01 55 26 00-0102	DAY	48" x 30" Aluminum Construction Sign, With Portable Stand	6.68	
01 55 26 00-0103	WK	48" x 30" Aluminum Construction Sign, With Portable Stand	20.03	
01 55 26 00-0104	MO	48" x 30" Aluminum Construction Sign, With Portable Stand	60.08	
01 55 26 00-0105	DAY	48" x 36" Aluminum Construction Sign, With Portable Stand	7.52	
01 55 26 00-0106	WK	48" x 36" Aluminum Construction Sign, With Portable Stand	22.55	
01 55 26 00-0107	MO	48" x 36" Aluminum Construction Sign, With Portable Stand	67.64	
01 55 26 00-0108	DAY	48" x 48" Aluminum Construction Sign, With Portable Stand	9.19	
01 55 26 00-0109	WK	48" x 48" Aluminum Construction Sign, With Portable Stand	27.58	
01 55 26 00-0110	MO	48" x 48" Aluminum Construction Sign, With Portable Stand	82.74	
01 55 26 00-0111	DAY	60" x 24" Aluminum Construction Sign, With Portable Stand	9.16	
01 55 26 00-0112	WK	60" x 24" Aluminum Construction Sign, With Portable Stand	27.47	
01 55 26 00-0113	MO	60" x 24" Aluminum Construction Sign, With Portable Stand	82.41	
01 55 26 00-0114	DAY	60" x 30" Aluminum Construction Sign, With Portable Stand	10.21	
01 55 26 00-0115	WK	60" x 30" Aluminum Construction Sign, With Portable Stand	30.62	
01 55 26 00-0116	MO	60" x 30" Aluminum Construction Sign, With Portable Stand	91.85	
01 55 26 00-0117	DAY	60" x 36" Aluminum Construction Sign, With Portable Stand	11.25	
01 55 26 00-0118	WK	60" x 36" Aluminum Construction Sign, With Portable Stand	33.76	
01 55 26 00-0119	MO	60" x 36" Aluminum Construction Sign, With Portable Stand	101.29	
01 55 26 00-0120	DAY	Aluminum Sign And Post	4.76	
01 55 26 00-0121	WK	Aluminum Sign And Post	14.28	
01 55 26 00-0122	MO	Aluminum Sign And Post	42.84	
01 55 26 00-0123	DAY	Trailer Mounted Flashing Arrow Board	168.00	
01 55 26 00-0124	WK	Trailer Mounted Flashing Arrow Board	465.00	
01 55 26 00-0125	MO	Trailer Mounted Flashing Arrow Board	1,230.00	
01 55 26 00-0126	DAY	Trailer Mounted Portable Variable Message Sign (PVMS)	338.31	
01 55 26 00-0127	WK	Trailer Mounted Portable Variable Message Sign (PVMS)	902.16	
01 55 26 00-0128	MO	Trailer Mounted Portable Variable Message Sign (PVMS)	1,804.32	
01 55 26 00-0129	DAY	Two Head, Trailer Mounted Traffic Signal System (Set Of Two) Note: Consists of a set of two communicating trailers. Each with two LED traffic light head, solar panels and a battery bank, mounted on a heavy-duty towable trailer.	1,457.96	
01 55 26 00-0130	WK	Two Head, Trailer Mounted Traffic Signal System (Set Of Two) Note: Consists of a set of two communicating trailers. Each with two LED traffic light head, solar panels and a battery bank, mounted on a heavy-duty towable trailer.	4,373.88	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 55 26 00-0131	MO	Two Head, Trailer Mounted Traffic Signal System (Set Of Two) Note: Consists of a set of two communicating trailers. Each with two LED traffic light head, solar panels and a battery bank, mounted on a heavy-duty towable trailer.	13,121.64	
01 55 26 00-0132		Place And Remove Temporary Traffic Protection Using Truck *(01 55 26 00-0026)* Note: Includes delivery and return up to 15 miles. See CSI section 01 74 19 00-0040 for delivery >15 miles.		
01 55 26 00-0133	EA	Placement And Removal Of Up To 250 Cones Using Truck	4.23	
01 55 26 00-0134	EA	Placement And Removal Of >250 Cones Using Truck	3.70	
01 55 26 00-0135	EA	Placement And Removal Of Up To 250 Panels/Channelizers Using Truck	6.98	
01 55 26 00-0136	EA	Placement And Removal Of >250 Panels/Channelizers Using Truck	5.82	
01 55 26 00-0137	EA	Placement And Removal Of Up To 250 Barricades Using Truck	10.57	
01 55 26 00-0138	EA	Placement And Removal Of >250 Barricades Using Truck	8.46	
01 55 26 00-0139	EA	Placement And Removal Of Curbs/Speed Bumps Using Truck	10.57	
01 55 26 00-0140	EA	Placement And Removal Of Portable Sign And Stand Using Truck	6.34	
01 55 26 00-0141	EA	Placement And Removal Of Aluminum Sign And Post Using Truck	26.43	
01 55 26 00-0142	EA	Placement And Removal Of Trailer Mounted Boards And Signals Using Truck	79.28	
01 55 26 00-0143	EA	Placement And Removal Of Up To 12.5' Concrete Traffic Barrier Note: If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rentals tasks, 01 71 13 00-0000 for mobilization tasks.	107.16	
		For 1 Barrier, Add	*267.90*	
		For 2 Barriers, Add	*96.44*	
		For 3 Barriers, Add	*32.15*	
01 55 26 00-0144	EA	Placement And Removal Of >12.5' Concrete Traffic Barrier Note: If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rentals tasks, 01 71 13 00-0000 for mobilization tasks.	160.75	
		For 1 Barrier, Add	*401.88*	
		For 2 Barriers, Add	*144.68*	
		For 3 Barriers, Add	*48.23*	
01 55 26 00-0145	EA	Placement And Removal Of Plastic Water Barrier Note: Includes water. If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for Equipment Usage, 01 71 13 00-0000 for mobilization tasks.	61.06	
		For 1 Barrier, Add	*133.98*	
		For 2 Barriers, Add	*48.23*	
		For 3 Barriers, Add	*16.08*	
01 55 26 00-0146	EA	Placement And Removal Of Crash Attenuator Barrels Note: If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rentals tasks, 01 71 13 00-0000 for mobilization tasks.	80.37	
		For 1 Barrier, Add	*200.93*	
		For 2 Barriers, Add	*72.33*	
		For 3 Barriers, Add	*24.11*	
01 55 26 00-0147		Place And Remove Temporary Traffic Protection From Roadside (Daily) *(01 55 26 00-0026)*		
01 55 26 00-0148	EA	Placement And Removal Of Up To 250 Cones By Hand From Roadside	2.64	
01 55 26 00-0149	EA	Placement And Removal Of >250 Cones By Hand From Roadside	2.11	
01 55 26 00-0150	EA	Placement And Removal Of Up To 250 Panels/Channelizers By Hand From Roadside	3.52	
01 55 26 00-0151	EA	Placement And Removal Of >250 Panels/Channelizers By Hand From Roadside	2.81	
01 55 26 00-0152	EA	Placement And Removal Of Up To 250 Barricades By Hand From Roadside	5.28	
01 55 26 00-0153	EA	Placement And Removal Of >250 Barricades By Hand From Roadside	4.23	
01 55 26 00-0154	EA	Placement And Removal Of Portable Sign And Stand From Roadside	3.28	
01 55 26 00-0155	EA	Placement And Removal Of Trailer Mounted Boards And Signals From Roadside	39.64	
01 55 26 00-0156	EA	Roadside Relocation Of Concrete Traffic Barrier Note: Excludes flatbed truck. If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rental tasks, 01 71 13 00-0000 for mobilization.	53.59	
01 55 26 00-0157		Place And Remove Temporary Signs For Detours *(01 55 26 00-0026)*		
01 55 26 00-0158		Temporary Reflectorized Signs For Detours *(01 55 26 00-0157)* Note: Excludes posts.		
01 55 26 00-0159		Temporary Aluminum Engineer Grade Stop Signs For Detours *(01 55 26 00-0158)*		
01 55 26 00-0160	EA	Temporary 18" x 18" Aluminum Engineer Grade Stop Sign For Detours	101.28	
		For Hi-Intensity Grade, Add	*9.53*	
		For Diamond Grade, Add	*18.10*	
01 55 26 00-0161	EA	Temporary 18" x 24" Aluminum Engineer Grade Stop Sign For Detours	114.91	
		For Hi-Intensity Grade, Add	*12.46*	
		For Diamond Grade, Add	*23.67*	
01 55 26 00-0162	EA	Temporary 24" x 24" Aluminum Engineer Grade Stop Sign For Detours	123.67	
		For Hi-Intensity Grade, Add	*19.03*	
		For Diamond Grade, Add	*30.17*	
01 55 26 00-0163	EA	Temporary 30" x 30" Aluminum Engineer Grade Stop Sign For Detours	140.56	
		For Hi-Intensity Grade, Add	*7.13*	
		For Diamond Grade, Add	*38.64*	
01 55 26 00-0164	EA	Temporary 36" x 36" Aluminum Engineer Grade Stop Sign For Detours	180.24	
		For Hi-Intensity Grade, Add	*20.96*	
		For Diamond Grade, Add	*65.73*	
01 55 26 00-0165		Other Temporary Reflectorized Traffic Signs For Detours *(01 55 26 00-0158)* Note: Other traffic signs includes reserve, handicap, visitor, no parking, property, speed limit, tow away, ADA, parking time limit, parking exclusive area, school, traffic/caution, etc. Excludes posts.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 55 26 00-0166		Temporary Aluminum Engineer Grade Traffic Signs For Detours *(01 55 26 00-0165)*		
01 55 26 00-0167	EA	Temporary 6" x 12" Aluminum Engineer Grade Traffic Sign For Detours	69.68	
		For Hi-Intensity Grade, Add	*2.36*	
01 55 26 00-0168	EA	Temporary 6" x 18" Aluminum Engineer Grade Traffic Sign For Detours	73.61	
		For Hi-Intensity Grade, Add	*3.54*	
01 55 26 00-0169	EA	Temporary 9" x 12" Aluminum Engineer Grade Traffic Sign For Detours	73.61	
		For Hi-Intensity Grade, Add	*3.54*	
01 55 26 00-0170	EA	Temporary 9" x 15" Aluminum Engineer Grade Traffic Sign For Detours	76.56	
		For Hi-Intensity Grade, Add	*4.43*	
01 55 26 00-0171	EA	Temporary 9" x 18" Aluminum Engineer Grade Traffic Sign For Detours	79.51	
		For Hi-Intensity Grade, Add	*5.31*	
01 55 26 00-0172	EA	Temporary 9" x 24" Aluminum Engineer Grade Traffic Sign For Detours	89.27	
		For Hi-Intensity Grade, Add	*7.08*	
01 55 26 00-0173	EA	Temporary 9" x 48" Aluminum Engineer Grade Traffic Sign For Detours	112.87	
		For Hi-Intensity Grade, Add	*14.16*	
01 55 26 00-0174	EA	Temporary 12" x 12" Aluminum Engineer Grade Traffic Sign For Detours	77.54	
		For Hi-Intensity Grade, Add	*4.72*	
01 55 26 00-0175	EA	Temporary 12" x 18" Aluminum Engineer Grade Traffic Sign For Detours	89.27	
		For Hi-Intensity Grade, Add	*7.08*	
01 55 26 00-0176	EA	Temporary 12" x 24" Aluminum Engineer Grade Traffic Sign For Detours	97.13	
		For Hi-Intensity Grade, Add	*9.44*	
01 55 26 00-0177	EA	Temporary 12" x 30" Aluminum Engineer Grade Traffic Sign For Detours	105.00	
		For Hi-Intensity Grade, Add	*11.80*	
01 55 26 00-0178	EA	Temporary 12" x 36" Aluminum Engineer Grade Traffic Sign For Detours	112.87	
		For Hi-Intensity Grade, Add	*14.16*	
01 55 26 00-0179	EA	Temporary 18" x 18" Aluminum Engineer Grade Traffic Sign For Detours	101.07	
		For Hi-Intensity Grade, Add	*10.62*	
01 55 26 00-0180	EA	Temporary 18" x 24" Aluminum Engineer Grade Traffic Sign For Detours	112.87	
		For Hi-Intensity Grade, Add	*14.16*	
01 55 26 00-0181	EA	Temporary 18" x 30" Aluminum Engineer Grade Traffic Sign For Detours	128.53	
		For Hi-Intensity Grade, Add	*17.70*	
01 55 26 00-0182	EA	Temporary 18" x 36" Aluminum Engineer Grade Traffic Sign For Detours	140.33	
		For Hi-Intensity Grade, Add	*21.24*	
01 55 26 00-0183	EA	Temporary 18" x 54" Aluminum Engineer Grade Traffic Sign For Detours	191.17	
		For Hi-Intensity Grade, Add	*31.86*	
01 55 26 00-0184	EA	Temporary 24" x 24" Aluminum Engineer Grade Traffic Sign For Detours	132.46	
		For Hi-Intensity Grade, Add	*18.88*	
01 55 26 00-0185	EA	Temporary 24" x 30" Aluminum Engineer Grade Traffic Sign For Detours	148.19	
		For Hi-Intensity Grade, Add	*23.60*	
01 55 26 00-0186	EA	Temporary 24" x 36" Aluminum Engineer Grade Traffic Sign For Detours	163.92	
		For Hi-Intensity Grade, Add	*28.32*	
01 55 26 00-0187	EA	Temporary 24" x 42" Aluminum Engineer Grade Traffic Sign For Detours	195.11	
		For Hi-Intensity Grade, Add	*33.04*	
01 55 26 00-0188	EA	Temporary 24" x 48" Aluminum Engineer Grade Traffic Sign For Detours	210.84	
		For Hi-Intensity Grade, Add	*37.76*	
01 55 26 00-0189	EA	Temporary 24" x 54" Aluminum Engineer Grade Traffic Sign For Detours	226.57	
		For Hi-Intensity Grade, Add	*42.48*	
01 55 26 00-0190	EA	Temporary 30" x 30" Aluminum Engineer Grade Traffic Sign For Detours	167.86	
		For Hi-Intensity Grade, Add	*29.50*	
01 55 26 00-0191	EA	Temporary 30" x 36" Aluminum Engineer Grade Traffic Sign For Detours	202.97	
		For Hi-Intensity Grade, Add	*35.40*	
01 55 26 00-0192	EA	Temporary 30" x 42" Aluminum Engineer Grade Traffic Sign For Detours	222.64	
		For Hi-Intensity Grade, Add	*41.30*	
01 55 26 00-0193	EA	Temporary 30" x 48" Aluminum Engineer Grade Traffic Sign For Detours	257.75	
		For Hi-Intensity Grade, Add	*47.20*	
01 55 26 00-0194	EA	Temporary 30" x 60" Aluminum Engineer Grade Traffic Sign For Detours	312.53	
		For Hi-Intensity Grade, Add	*59.00*	
01 55 26 00-0195	EA	Temporary 36" x 36" Aluminum Engineer Grade Traffic Sign For Detours	226.57	
		For Hi-Intensity Grade, Add	*42.48*	
01 55 26 00-0196	EA	Temporary 36" x 42" Aluminum Engineer Grade Traffic Sign For Detours	265.62	
		For Hi-Intensity Grade, Add	*49.56*	
01 55 26 00-0197	EA	Temporary 36" x 48" Aluminum Engineer Grade Traffic Sign For Detours	304.67	
		For Hi-Intensity Grade, Add	*56.64*	
01 55 26 00-0198	EA	Temporary 36" x 54" Aluminum Engineer Grade Traffic Sign For Detours	328.27	
		For Hi-Intensity Grade, Add	*63.72*	
01 55 26 00-0199	EA	Temporary 36" x 60" Aluminum Engineer Grade Traffic Sign For Detours	367.32	
		For Hi-Intensity Grade, Add	*70.80*	
01 55 26 00-0200	EA	Temporary 36" x 73" Aluminum Engineer Grade Traffic Sign For Detours	433.91	
		For Hi-Intensity Grade, Add	*86.14*	
01 55 26 00-0201	EA	Temporary 36" x 78" Aluminum Engineer Grade Traffic Sign For Detours	453.57	
		For Hi-Intensity Grade, Add	*92.03*	
01 55 26 00-0202	EA	Temporary 36" x 108" Aluminum Engineer Grade Traffic Sign For Detours	594.73	
		For Hi-Intensity Grade, Add	*127.43*	
01 55 26 00-0203	EA	Temporary 42" x 42" Aluminum Engineer Grade Traffic Sign For Detours	308.60	
		For Hi-Intensity Grade, Add	*57.82*	
01 55 26 00-0204	EA	Temporary 48" x 48" Aluminum Engineer Grade Traffic Sign For Detours	383.05	
		For Hi-Intensity Grade, Add	*75.52*	
01 55 26 00-0205	EA	Temporary 48" x 54" Aluminum Engineer Grade Traffic Sign For Detours	429.97	
		For Hi-Intensity Grade, Add	*84.95*	
01 55 26 00-0206	EA	Temporary 48" x 60" Aluminum Engineer Grade Traffic Sign For Detours	461.44	
		For Hi-Intensity Grade, Add	*94.40*	
01 55 26 00-0207	EA	Temporary 48" x 66" Aluminum Engineer Grade Traffic Sign For Detours	516.07	
		For Hi-Intensity Grade, Add	*103.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 55 26 00-0208	EA	Temporary 48" x 72" Aluminum Engineer Grade Traffic Sign For Detours	547.54	
		For Hi-Intensity Grade, Add	*113.27*	
01 55 26 00-0209	EA	Temporary 48" x 84" Aluminum Engineer Grade Traffic Sign For Detours	625.93	
		For Hi-Intensity Grade, Add	*132.15*	
01 55 26 00-0210	EA	Temporary 48" x 96" Aluminum Engineer Grade Traffic Sign For Detours	688.86	
		For Hi-Intensity Grade, Add	*151.03*	
01 55 26 00-0211	EA	Temporary 48" x 102" Aluminum Engineer Grade Traffic Sign For Detours	720.32	
		For Hi-Intensity Grade, Add	*160.47*	
01 55 26 00-0212	EA	Temporary 48" x 108" Aluminum Engineer Grade Traffic Sign For Detours	759.51	
		For Hi-Intensity Grade, Add	*169.91*	
01 55 26 00-0213	EA	Temporary 60" x 72" Aluminum Engineer Grade Traffic Sign For Detours	657.39	
		For Hi-Intensity Grade, Add	*141.59*	
01 55 26 00-0214	EA	Temporary 78" x 96" Aluminum Engineer Grade Traffic Sign For Detours	1,011.22	
		For Hi-Intensity Grade, Add	*245.42*	

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

Note: Including horizontal Z-bars.

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

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

Note: Excludes sign.

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

Note: Excludes digging and concrete.

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

01 55 26 00-0220	EA	Temporary 3' To 4' Baked Enamel U-Channel Sign Post Base For Detours	90.17	
01 55 26 00-0221	EA	Temporary 6' Baked Enamel U-Channel Sign Post For Detours	116.95	
01 55 26 00-0222	EA	Temporary 7' Baked Enamel U-Channel Sign Post For Detours	139.80	
01 55 26 00-0223	EA	Temporary 8' Baked Enamel U-Channel Sign Post For Detours	163.56	
01 55 26 00-0224	EA	Temporary 10' Baked Enamel U-Channel Sign Post For Detours	197.64	
01 55 26 00-0225	EA	Temporary 12' Baked Enamel U-Channel Sign Post For Detours	209.88	

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

01 55 26 00-0227	EA	Temporary 3' To 4' Galvanized Steel U-Channel Sign Post Base For Detours	95.77	
01 55 26 00-0228	EA	Temporary 6' Galvanized Steel U-Channel Sign Post For Detours	125.83	
01 55 26 00-0229	EA	Temporary 7' Galvanized Steel U-Channel Sign Post For Detours	159.89	
01 55 26 00-0230	EA	Temporary 8' Galvanized Steel U-Channel Sign Post For Detours	185.76	
01 55 26 00-0231	EA	Temporary 10' Galvanized Steel U-Channel Sign Post For Detours	213.81	
01 55 26 00-0232	EA	Temporary 12' Galvanized Steel U-Channel Sign Post For Detours	223.94	

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

01 55 26 00-0234	EA	Temporary 3' To 4' Fiberglass Or Composite Plastic U-Channel Sign Post Base For Detours	88.85	
01 55 26 00-0235	EA	Temporary 6' Fiberglass Or Composite Plastic U-Channel Sign Post For Detours	114.08	
01 55 26 00-0236	EA	Temporary 7' Fiberglass Or Composite Plastic U-Channel Sign Post For Detours	136.34	
01 55 26 00-0237	EA	Temporary 8' Fiberglass Or Composite Plastic U-Channel Sign Post For Detours	159.43	
01 55 26 00-0238	EA	Temporary 10' Fiberglass Or Composite Plastic U-Channel Sign Post For Detours	190.15	
01 55 26 00-0239	EA	Temporary 12' Fiberglass Or Composite Plastic U-Channel Sign Post For Detours	205.44	

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

Note: Excludes digging and concrete.

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

01 55 26 00-0242	EA	Temporary 6', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post For Detours	126.75	
01 55 26 00-0243	EA	Temporary 7', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post For Detours	150.77	
01 55 26 00-0244	EA	Temporary 8', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post For Detours	177.62	
01 55 26 00-0245	EA	Temporary 10', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post For Detours	225.96	
01 55 26 00-0246	EA	Temporary 12', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post For Detours	243.84	

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

Note: Excludes digging and concrete.

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

01 55 26 00-0249	EA	Temporary 3' To 4' Galvanized Steel Square Sign Post Base For Detours	97.01	
01 55 26 00-0250	EA	Temporary 6' Galvanized Steel Square Sign Post For Detours	146.87	
01 55 26 00-0251	EA	Temporary 7' Galvanized Steel Square Sign Post For Detours	172.98	
01 55 26 00-0252	EA	Temporary 8' Galvanized Steel Square Sign Post For Detours	201.78	
01 55 26 00-0253	EA	Temporary 10' Galvanized Steel Square Sign Post For Detours	246.13	
01 55 26 00-0254	EA	Temporary 12' Galvanized Steel Square Sign Post For Detours	264.65	

01 55 26 00-0255 Temporary Breakaway Sign Posts And Bases For Detours *(01 55 26 00-0157)*

Note: For breakaway post systems, base posts are driven in, sign posts bolted to base post using lap splice hardware kit. Excludes sign.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 55 26 00-0256		Temporary 2.5 Lb./LF Breakaway Sign Posts And Base Posts For Detours *(01 55 26 00-0255)*		
01 55 26 00-0257		Temporary Base Posts, 2.5 Lb./LF, For Breakaway Sign Posts For Detours *(01 55 26 00-0256)*		
01 55 26 00-0258	EA	Temporary Base Post for 2.5 Lb./LF, Breakaway Sign Post For Detours	113.72	
01 55 26 00-0259	EA	Temporary Lap Splice Hardware For 2.5 Lb./LF, Breakaway Sign Post For Detours	69.95	
01 55 26 00-0260		Temporary Breakaway Sign Posts, 2.5 Lb./LF For Detours *(01 55 26 00-0256)*		
01 55 26 00-0261	LF	Temporary Breakaway Sign Post, 2.5 Lb./LF For Detours	12.87	
01 55 26 00-0262		Temporary 4 Lb./LF Breakaway Sign Posts And Base Posts For Detours *(01 55 26 00-0255)*		
01 55 26 00-0263		Temporary Base Posts, 4 Lb./LF, For Breakaway Sign Posts For Detours *(01 55 26 00-0262)*		
01 55 26 00-0264	EA	Temporary Base Post for 4 Lb./LF, Breakaway Sign Post For Detours	117.20	
01 55 26 00-0265	EA	Temporary Lap Splice Hardware for 4 Lb./LF, Breakaway Sign Post For Detours	69.95	
01 55 26 00-0266		Temporary Breakaway Sign Posts, 4 Lb./LF For Detours *(01 55 26 00-0262)*		
01 55 26 00-0267	LF	Temporary Breakaway Sign Post, 4 Lb./LF For Detours	15.03	
01 55 26 00-0268		Temporary Driven Sign Posts For Detours *(01 55 26 00-0255)*		
01 55 26 00-0269		Temporary Driven Posts, 2.5 Lb./LF For Detours *(01 55 26 00-0268)*		
01 55 26 00-0270	LF	Temporary Driven Post, 2.5 Lb./LF For Detours	14.93	
		For Each Soil Plate, Add	*3.00*	
01 55 26 00-0271		Temporary Driven Posts, 4 Lb./LF For Detours *(01 55 26 00-0268)*		
01 55 26 00-0272	LF	Temporary Driven Post, 4 Lb./LF For Detours	18.13	
		For Each Soil Plate, Add	*3.00*	
01 55 26 00-0273		Temporary Omni-Directional Breakaway System For Sign Posts And Light Poles For Detours *(01 55 26 00-0255)*		
01 55 26 00-0274		Temporary Omni-Directional Breakaway Systems For Signs For Detours *(01 55 26 00-0273)*		
		Note: Break-Safe as manufactured by Transpo Industries. Organized by post type and size. Includes hinges, anchors, all associated parts and drilling.		
01 55 26 00-0275	EA	Temporary Omni-Directional Breakaway System For 6" To 8" Wide Flange (Tramspo B525)	1,207.87	
01 55 26 00-0276	EA	Temporary Omni-Directional Breakaway System For 10" To 21" Wide Flange (Tramspo B650)	1,287.21	
01 55 26 00-0277	EA	Temporary Omni-Directional Breakaway System For Standard I Beam Or W6x9 Flange (Tramspo AI4 And AI6)	882.44	
01 55 26 00-0278	EA	Temporary Omni-Directional Breakaway System For 3" To 4.5" Outside Diameter Pipe (Tramspo A3 And A4.5)	772.89	
01 55 26 00-0279	EA	Temporary Omni-Directional Breakaway System For Square Tube (Tramspo AS3 And AS4)	876.37	
01 55 26 00-0280	EA	Temporary Omni-Directional Breakaway System For U-Channels (Tramspo AU4 To AU6)	833.76	
01 55 26 00-0281	EA	Temporary Omni-Directional Breakaway System For U-Channels Embedded (Tramspo AUX4 To AUX6)	773.92	
01 55 26 00-0282		Temporary Omni-Directional Breakaway Systems For Poles For Detours *(01 55 26 00-0273)*		
		Note: Pole-Safe As Manufactured By Transpo Industries. Organized by bolt size. Includes four couplings, all associated parts, drilling and can be for new or for retrofitting existing poles.		
01 55 26 00-0283	EA	Temporary Omni-Directional Breakaway System For Poles With 5/8" Couplings	437.50	
01 55 26 00-0284	EA	Temporary Omni-Directional Breakaway System For Poles With 3/4" Couplings	458.72	
01 55 26 00-0285	EA	Temporary Omni-Directional Breakaway System For Poles With 1" Couplings	476.36	
01 55 26 00-0286	EA	Temporary Omni-Directional Breakaway System For Poles With 1 1/4" Couplings	723.30	
01 55 26 00-0287	EA	Temporary Skirt For Omni-Directional Breakaway System For Poles With Bolt Circle Diameter Of 10" To Less Than 15"	63.51	
01 55 26 00-0288	EA	Temporary Skirt For Omni-Directional Breakaway System For Poles With Bolt Circle Diameter Of 15" To 20"	84.68	
01 55 26 00-0289		Temporary Rumble Strips *(01 55 26)*		
		Note: Includes removal after use.		
01 55 26 00-0290	LF	1/4" High, 4" Wide, Polymer Tape Temporary Rumble Strip	14.17	
01 55 26 00-0291	LF	1/2" High, 3-1/2" Wide, Polycarbonate Temporary Rumble Strip	10.25	

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

Note: Includes removal after use.

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

01 56 16 00-0001		Temporary Sheeting For Protection *(01 56 16)*		
		Note: Includes removal after use.		
01 56 16 00-0002	SF	6 Mil, Plastic Sheeting, Applied To Floors	0.43	
		Note: Includes removal after use.		
01 56 16 00-0003	SF	6 Mil, Plastic Sheeting, Applied To Walls	0.56	
		Note: Includes removal after use.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 16 00-0004	SF	6 Mil, Plastic Sheeting, Applied To Ceilings Note: Includes removal after use.	0.75	
01 56 16 00-0005	SF	6 Mil, Plastic Sheeting, Applied To Scaffolding Note: Includes removal after use.	0.74	
01 56 16 00-0006	SF	6 Mil, Fire Retardant, Plastic Sheeting, Applied To Floors Note: Includes removal after use.	0.52	
01 56 16 00-0007	SF	6 Mil, Fire Retardant, Plastic Sheeting, Applied To Walls Note: Includes removal after use.	0.65	
01 56 16 00-0008	SF	6 Mil, Fire Retardant, Plastic Sheeting, Applied To Ceilings Note: Includes removal after use.	0.84	
01 56 16 00-0009	SF	6 Mil, Fire Retardant, Plastic Sheeting, Applied To Scaffolding Note: Includes removal after use.	0.79	
01 56 16 00-0010	SF	10 Mil, Fire Retardant, Reinforced, Plastic Sheeting, Applied To Scaffolding Note: Includes removal after use.	1.01	
01 56 16 00-0011	SF	6 Mil, Fire Retardant, Anti-static, Plastic Sheeting, Applied To Floors Note: Includes removal after use.	0.55	
01 56 16 00-0012	SF	6 Mil, Fire Retardant, Anti-static, Plastic Sheeting, Applied To Walls Note: Includes removal after use.	0.68	
01 56 16 00-0013	SF	6 Mil, Fire Retardant, Anti-static, Plastic Sheeting, Applied To Ceilings Note: Includes removal after use.	0.87	
01 56 16 00-0014	SF	6 Mil, Fire Retardant, Anti-static, Plastic Sheeting, Applied To Scaffolding Note: Includes removal after use.	0.82	
01 56 16 00-0015	SF	6 Mil, Reinforced, Plastic Sheeting, Applied To Floors Note: Includes removal after use.	0.54	
01 56 16 00-0016	SF	6 Mil, Reinforced, Plastic Sheeting, Applied To Walls Note: Includes removal after use.	0.67	
01 56 16 00-0017	SF	6 Mil, Reinforced, Plastic Sheeting, Applied To Ceilings Note: Includes removal after use.	0.86	
01 56 16 00-0018	SF	6 Mil, Reinforced, Plastic Sheeting, Applied To Scaffolding Note: Includes removal after use.	0.81	
01 56 16 00-0019	SF	6 Mil, Fire Retardant, Reinforced, Plastic Sheeting, Applied To Floors Note: Includes removal after use.	0.61	
01 56 16 00-0020	SF	6 Mil, Fire Retardant, Reinforced, Plastic Sheeting, Applied To Walls Note: Includes removal after use.	0.74	
01 56 16 00-0021	SF	6 Mil, Fire Retardant, Reinforced, Plastic Sheeting, Applied To Ceilings Note: Includes removal after use.	0.93	
01 56 16 00-0022	SF	6 Mil, Fire Retardant, Reinforced, Plastic Sheeting, Applied To Scaffolding Note: Includes removal after use.	0.88	
01 56 16 00-0023		**Temporary Stud Wall** *(01 56 16)* Note: Includes removal after use.		
01 56 16 00-0024		**Temporary Stud Wall With Drywall** *(01 56 16 00-0023)* Note: Includes 2 x 4 wood studs installed 16" on center, single bottom and top plate, appropriate fastening devices, drywall taped and finished and removal after use. Excludes paint.		
01 56 16 00-0025		**Temporary Stud Wall With Drywall** *(01 56 16 00-0024)*		
01 56 16 00-0026	SF	3/8" Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	6.30	
		For Metal Studs 24" On Center, Add/Deduct	*1.07*	
01 56 16 00-0027	SF	1/2" Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	6.30	
		For Metal Studs 24" On Center, Add/Deduct	*1.07*	
01 56 16 00-0028	SF	5/8" Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	6.43	
		For Metal Studs 24" On Center, Add/Deduct	*1.07*	
01 56 16 00-0029	SF	3/8" Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	8.79	
		For Metal Studs 24" On Center, Add/Deduct	*1.17*	
01 56 16 00-0030	SF	1/2" Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	8.79	
		For Metal Studs 24" On Center, Add/Deduct	*1.17*	
01 56 16 00-0031	SF	5/8" Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	9.05	
		For Metal Studs 24" On Center, Add/Deduct	*1.17*	
01 56 16 00-0032		**Temporary Stud Wall With Fire Rated Drywall** *(01 56 16 00-0024)*		
01 56 16 00-0033	SF	1/2" Type C Fire Rated Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	6.45	
		For Metal Studs 24" On Center, Add/Deduct	*1.07*	
01 56 16 00-0034	SF	5/8" Type C Fire Rated Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	6.49	
		For Metal Studs 24" On Center, Add/Deduct	*1.07*	
01 56 16 00-0035	SF	5/8" Type X Fire Rated Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	6.42	
		For Metal Studs 24" On Center, Add/Deduct	*1.07*	
01 56 16 00-0036	SF	3/4" Fire Rated (Sheetrock® Ultracode®) Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	7.41	
		For Metal Studs 24" On Center, Add/Deduct	*1.07*	
01 56 16 00-0037	SF	1/2" Type C Fire Rated Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	9.08	
		For Metal Studs 24" On Center, Add/Deduct	*1.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 16 00-0038	SF	5/8" Type C Fire Rated Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	9.17	
		For Metal Studs 24" On Center, Add/Deduct	*1.17*	
01 56 16 00-0039	SF	5/8" Type X Fire Rated Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	9.02	
		For Metal Studs 24" On Center, Add/Deduct	*1.17*	
01 56 16 00-0040	SF	3/4" Fire Rated (Sheetrock® Ultracode®) Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	11.01	
		For Metal Studs 24" On Center, Add/Deduct	*1.17*	
01 56 16 00-0041		**Temporary Stud Wall With Oriented Strand Board (OSB)** *(01 56 16 00-0023)* Note: Includes 2 x 4 wood studs installed 16" on center, single bottom and top plate, appropriate fastening devices, oriented strand board (OSB) wall sheathing, and removal after use. Excludes paint.		
01 56 16 00-0042	SF	7/16" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	6.08	
		For Metal Studs 24" On Center, Add/Deduct	*1.07*	
01 56 16 00-0043	SF	1/2" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	6.13	
		For Metal Studs 24" On Center, Add/Deduct	*1.07*	
01 56 16 00-0044	SF	5/8" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	6.27	
		For Metal Studs 24" On Center, Add/Deduct	*1.07*	
01 56 16 00-0045	SF	3/4" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	6.34	
		For Metal Studs 24" On Center, Add/Deduct	*1.07*	
01 56 16 00-0046	SF	7/16" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	8.35	
		For Metal Studs 24" On Center, Add/Deduct	*1.17*	
01 56 16 00-0047	SF	1/2" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	8.45	
		For Metal Studs 24" On Center, Add/Deduct	*1.17*	
01 56 16 00-0048	SF	5/8" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	8.72	
		For Metal Studs 24" On Center, Add/Deduct	*1.17*	
01 56 16 00-0049	SF	3/4" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	8.87	
		For Metal Studs 24" On Center, Add/Deduct	*1.17*	
01 56 16 00-0050		**Temporary Stud Wall With BC Plywood** *(01 56 16 00-0023)* Note: Includes 2 x 4 wood studs installed 16" on center, single bottom and top plate, appropriate fastening devices, interior/exterior BC plywood wall sheathing, and removal after use. Excludes paint.		
01 56 16 00-0051	SF	3/8" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	6.41	
		For Metal Studs 24" On Center, Add/Deduct	*1.07*	
01 56 16 00-0052	SF	1/2" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	6.58	
		For Metal Studs 24" On Center, Add/Deduct	*1.07*	
01 56 16 00-0053	SF	5/8" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	6.81	
		For Metal Studs 24" On Center, Add/Deduct	*1.07*	
01 56 16 00-0054	SF	3/4" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	6.97	
		For Metal Studs 24" On Center, Add/Deduct	*1.07*	
01 56 16 00-0055	SF	3/8" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	9.00	
		For Metal Studs 24" On Center, Add/Deduct	*1.17*	
01 56 16 00-0056	SF	1/2" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	9.36	
		For Metal Studs 24" On Center, Add/Deduct	*1.17*	
01 56 16 00-0057	SF	5/8" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	9.81	
		For Metal Studs 24" On Center, Add/Deduct	*1.17*	
01 56 16 00-0058	SF	3/4" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	10.12	
		For Metal Studs 24" On Center, Add/Deduct	*1.17*	
01 56 16 00-0059		**Temporary Stud Wall With Plastic Sheeting** *(01 56 16 00-0023)* Note: Includes 2 x 4 wood studs installed 16" on center, single bottom and top plate, appropriate fastening devices, 6 Mil plastic sheeting, and removal after use.		
01 56 16 00-0060	SF	6 Mil, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	3.58	
		For Metal Studs 24" On Center, Add/Deduct	*0.96*	
01 56 16 00-0061	SF	6 Mil, Fire Retardant, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	3.67	
		For Metal Studs 24" On Center, Add/Deduct	*0.96*	
01 56 16 00-0062	SF	6 Mil, Fire Retardant, Anti-static, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	3.69	
		For Metal Studs 24" On Center, Add/Deduct	*0.96*	
01 56 16 00-0063	SF	6 Mil, Reinforced, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	3.68	
		For Metal Studs 24" On Center, Add/Deduct	*0.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 16 00-0064	SF	6 Mil, Fire Retardant, Reinforced, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	3.76	
		For Metal Studs 24" On Center, Add/Deduct	*0.96*	
01 56 16 00-0065		Temporary Doors *(01 56 16 00-0023)* Note: For temporary stud walls. Includes removal after use.		
01 56 16 00-0066	EA	Temporary Metal Door And Frame Note: Painted with panic hardware, lockset, threshold and smoke seals. Remove after use.	583.00	
01 56 16 00-0067		Temporary Floor Protection *(01 56 16)* Note: Includes removal after use.		
01 56 16 00-0068	SF	1/8" Thick, Masonite For Temporary Floor Protection Note: Includes removal after use.	1.75	
01 56 16 00-0069	SF	1/2" Thick, Plywood For Temporary Floor Protection Note: Includes removal after use.	1.77	
01 56 16 00-0070	SF	3/4" Thick, Plywood For Temporary Floor Protection Note: Includes removal after use.	2.09	
01 56 16 00-0071	LF	38" Wide, 46 Mil Fiberboard, Ram Board® For Temporary Floor Protection Note: Includes removal after use.	1.12	
01 56 16 00-0072	LF	36" Wide, 9 Mil, Regular Weight Red Rosin Paper, For Temporary Floor Protection Note: Includes removal after use.	0.38	
01 56 16 00-0073	CSF	3 Mil, Temporary Self-adhesive Carpet Protection Film Note: Includes removal after use.	28.87	
01 56 16 00-0074		Sticky Mats *(01 56 16)* Note: Includes removal after use.		
01 56 16 00-0075	EA	18" x 36", 30 Layer Sticky Mat Note: Includes removal after use.	39.26	
		For 60 Layers Instead Of 30, Add	*25.58*	
01 56 16 00-0076	EA	18" x 46", 30 Layer Sticky Mat Note: Includes removal after use.	44.95	
		For 60 Layers Instead Of 30, Add	*29.85*	
01 56 16 00-0077	EA	24" x 36", 30 Layer Sticky Mat Note: Includes removal after use.	44.95	
		For 60 Layers Instead Of 30, Add	*29.85*	
01 56 16 00-0078	EA	25" x 45", 30 Layer Sticky Mat Note: Includes removal after use.	59.16	
		For 60 Layers Instead Of 30, Add	*40.51*	
01 56 16 00-0079	EA	36" x 36", 30 Layer Sticky Mat Note: Includes removal after use.	64.85	
		For 60 Layers Instead Of 30, Add	*44.78*	
01 56 16 00-0080	EA	36" x 46", 30 Layer Sticky Mat Note: Includes removal after use.	70.53	
		For 60 Layers Instead Of 30, Add	*49.04*	
01 56 16 00-0081	EA	36" x 60", 30 Layer Sticky Mat Note: Includes removal after use.	141.61	
		For 60 Layers Instead Of 30, Add	*102.35*	
01 56 16 00-0082	EA	36" x 72", 30 Layer Sticky Mat Note: Includes removal after use.	168.90	
01 56 26		**Temporary Fencing** ***(01 56)***		
01 56 26 00-0001		Temporary Fencing *(01 56 26)* Note: Per ASTM A392-06 Standards		
01 56 26 00-0002		Temporary Chain Link Fence *(01 56 26 00-0001)* Note: Includes delivery, set-up (driving posts) and removal. Excludes auguring/drilling for posts. See CSI section 02 41 19 13-0080 for core drilling in asphalt or concrete, 32 31 13 13-0001 for augering and backfill of posts.		
01 56 26 00-0003		Temporary Chain Link Fence, Up To 6 Months *(01 56 26 00-0002)*		
01 56 26 00-0004	LF	Temporary 4' High Chain Link Fence And Posts, Up To 6 Months	7.47	
		For >100 To 250, Deduct	*-0.17*	
		For >250 To 500, Deduct	*-0.34*	
		For >500, Deduct	*-0.50*	
		For Each LF Shade Cloth, Add	*1.60*	
01 56 26 00-0005	LF	Temporary 6' High Chain Link Fence And Posts, Up To 6 Months	8.31	
		For >100 To 250, Deduct	*-0.19*	
		For >250 To 500, Deduct	*-0.38*	
		For >500, Deduct	*-0.57*	
		For Each LF Shade Cloth, Add	*2.55*	
01 56 26 00-0006	LF	Temporary 8' High Chain Link Fence And Posts, Up To 6 Months	11.33	
		For >100 To 250, Deduct	*-0.32*	
		For >250 To 500, Deduct	*-0.64*	
		For >500, Deduct	*-0.96*	
		For Each LF Shade Cloth, Add	*3.60*	
01 56 26 00-0007	LF	Temporary 10' High Chain Link Fence And Posts, Up To 6 Months	24.42	
		For >100 To 250, Deduct	*-0.95*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.84*	
		For Each LF Shade Cloth, Add	*4.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 26 00-0008		**Temporary Chain Link Fence, >6 To 12 Months** *(01 56 26 00-0002)*		
01 56 26 00-0009	LF	Temporary 4' High Chain Link Fence And Posts, >6 To 12 Months	7.81	
		For >100 To 250, Deduct	*-0.18*	
		For >250 To 500, Deduct	*-0.37*	
		For >500, Deduct	*-0.55*	
		For Each LF Shade Cloth, Add	*1.60*	
01 56 26 00-0010	LF	Temporary 6' High Chain Link Fence And Posts, >6 To 12 Months	8.68	
		For >100 To 250, Deduct	*-0.21*	
		For >250 To 500, Deduct	*-0.42*	
		For >500, Deduct	*-0.62*	
		For Each LF Shade Cloth, Add	*2.55*	
01 56 26 00-0011	LF	Temporary 8' High Chain Link Fence And Posts, >6 To 12 Months	11.96	
		For >100 To 250, Deduct	*-0.35*	
		For >250 To 500, Deduct	*-0.70*	
		For >500, Deduct	*-1.05*	
		For Each LF Shade Cloth, Add	*3.60*	
01 56 26 00-0012	LF	Temporary 10' High Chain Link Fence And Posts, >6 To 12 Months	26.31	
		For >100 To 250, Deduct	*-1.04*	
		For >250 To 500, Deduct	*-2.09*	
		For >500, Deduct	*-3.13*	
		For Each LF Shade Cloth, Add	*4.75*	
01 56 26 00-0013		**Temporary Chain Link Fence, >12 To 18 Months** *(01 56 26 00-0002)*		
01 56 26 00-0014	LF	Temporary 4' High Chain Link Fence And Posts, >12 To 18 Months	8.18	
		For >100 To 250, Deduct	*-0.20*	
		For >250 To 500, Deduct	*-0.41*	
		For >500, Deduct	*-0.61*	
		For Each LF Shade Cloth, Add	*1.60*	
01 56 26 00-0015	LF	Temporary 6' High Chain Link Fence And Posts, >12 To 18 Months	9.11	
		For >100 To 250, Deduct	*-0.23*	
		For >250 To 500, Deduct	*-0.46*	
		For >500, Deduct	*-0.69*	
		For Each LF Shade Cloth, Add	*2.55*	
01 56 26 00-0016	LF	Temporary 8' High Chain Link Fence And Posts, >12 To 18 Months	12.67	
		For >100 To 250, Deduct	*-0.39*	
		For >250 To 500, Deduct	*-0.77*	
		For >500, Deduct	*-1.16*	
		For Each LF Shade Cloth, Add	*3.60*	
01 56 26 00-0017	LF	Temporary 10' High Chain Link Fence And Posts, >12 To 18 Months	28.40	
		For >100 To 250, Deduct	*-1.15*	
		For >250 To 500, Deduct	*-2.29*	
		For >500, Deduct	*-3.44*	
		For Each LF Shade Cloth, Add	*4.75*	
01 56 26 00-0018		**Temporary Chain Link Fence, >18 Months** *(01 56 26 00-0002)*		
01 56 26 00-0019	LF	Temporary 4' High Chain Link Fence And Posts, >18 Months	8.58	
		For >100 To 250, Deduct	*-0.22*	
		For >250 To 500, Deduct	*-0.45*	
		For >500, Deduct	*-0.67*	
		For Each LF Shade Cloth, Add	*1.60*	
01 56 26 00-0020	LF	Temporary 6' High Chain Link Fence And Posts, >18 Months	9.53	
		For >100 To 250, Deduct	*-0.25*	
		For >250 To 500, Deduct	*-0.50*	
		For >500, Deduct	*-0.75*	
		For Each LF Shade Cloth, Add	*2.55*	
01 56 26 00-0021	LF	Temporary 8' High Chain Link Fence And Posts, >18 Months	13.43	
		For >100 To 250, Deduct	*-0.42*	
		For >250 To 500, Deduct	*-0.85*	
		For >500, Deduct	*-1.27*	
		For Each LF Shade Cloth, Add	*3.60*	
01 56 26 00-0022	LF	Temporary 10' High Chain Link Fence And Posts, >18 Months	30.68	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-2.52*	
		For >500, Deduct	*-3.78*	
		For Each LF Shade Cloth, Add	*4.75*	
01 56 26 00-0023		**Temporary Chain Link Fence Gates** *(01 56 26 00-0001)*		
		Note: Includes delivery, set-up (driving posts) and removal. Excludes auguring/drilling for posts. See CSI section 02 41 19 13-0080 for core drilling in asphalt or concrete, 32 31 13 13-0001 for augering and backfill of posts.		
01 56 26 00-0024		**Temporary Chain Link Fence Gates, Up To 6 Months** *(01 56 26 00-0023)*		
01 56 26 00-0025		**4' High, Temporary Chain Link Fence Gates, Up To 6 Months** *(01 56 26 00-0024)*		
01 56 26 00-0026	EA	4' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months	290.42	
		For Each LF Shade Cloth, Add	*15.92*	
01 56 26 00-0027	EA	10' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months	496.40	
		For Each LF Shade Cloth, Add	*39.79*	
01 56 26 00-0028	EA	12' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months	555.10	
		For Each LF Shade Cloth, Add	*47.75*	
01 56 26 00-0029	EA	15' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months	632.33	
		For Each LF Shade Cloth, Add	*59.69*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 26 00-0030		EA	20' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months	756.42	
			For Each LF Shade Cloth, Add	*79.58*	
01 56 26 00-0031		EA	24' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months	843.07	
			For Each LF Shade Cloth, Add	*95.50*	

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

01 56 26 00-0033		EA	4' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months	311.45	
			For Each LF Shade Cloth, Add	*25.37*	
01 56 26 00-0034		EA	10' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months	537.21	
			For Each LF Shade Cloth, Add	*63.42*	
01 56 26 00-0035		EA	12' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months	602.18	
			For Each LF Shade Cloth, Add	*76.10*	
01 56 26 00-0036		EA	15' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months	699.10	
			For Each LF Shade Cloth, Add	*95.12*	
01 56 26 00-0037		EA	20' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months	844.50	
			For Each LF Shade Cloth, Add	*126.83*	
01 56 26 00-0038		EA	24' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months	960.56	
			For Each LF Shade Cloth, Add	*152.20*	

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

01 56 26 00-0040		EA	4' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months	348.14	
			For Each LF Shade Cloth, Add	*35.81*	
01 56 26 00-0041		EA	10' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months	617.20	
			For Shade Cloth, Add	*89.53*	
01 56 26 00-0042		EA	12' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months	689.40	
			For Shade Cloth, Add	*107.43*	
01 56 26 00-0043		EA	15' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months	790.02	
			For Shade Cloth, Add	*134.29*	
01 56 26 00-0044		EA	20' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months	965.51	
			For Shade Cloth, Add	*179.06*	
01 56 26 00-0045		EA	24' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months	1,124.55	
			For Shade Cloth, Add	*214.87*	

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

01 56 26 00-0047		EA	4' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months	420.86	
			For Each LF Shade Cloth, Add	*47.25*	
01 56 26 00-0048		EA	10' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months	738.30	
			For Each LF Shade Cloth, Add	*118.13*	
01 56 26 00-0049		EA	12' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months	826.37	
			For Each LF Shade Cloth, Add	*141.75*	
01 56 26 00-0050		EA	15' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months	945.56	
			For Each LF Shade Cloth, Add	*177.19*	
01 56 26 00-0051		EA	20' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months	1,155.90	
			For Each LF Shade Cloth, Add	*236.26*	
01 56 26 00-0052		EA	24' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months	1,339.99	
			For Each LF Shade Cloth, Add	*283.51*	

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

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

01 56 26 00-0055		EA	4' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months	301.08	
			For Each LF Shade Cloth, Add	*15.92*	
01 56 26 00-0056		EA	10' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months	512.98	
			For Each LF Shade Cloth, Add	*39.79*	
01 56 26 00-0057		EA	12' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months	574.04	
			For Each LF Shade Cloth, Add	*47.75*	
01 56 26 00-0058		EA	15' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months	653.65	
			For Each LF Shade Cloth, Add	*59.69*	
01 56 26 00-0059		EA	20' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months	782.48	
			For Each LF Shade Cloth, Add	*79.58*	
01 56 26 00-0060		EA	24' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months	871.49	
			For Each LF Shade Cloth, Add	*95.50*	

01 56 26 00-0061 6' High, Temporary Chain Link Fence Gates, >6 To 12 Months *(01 56 26 00-0053)*

01 56 26 00-0062		EA	4' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	322.59	
			For Each LF Shade Cloth, Add	*25.37*	
01 56 26 00-0063		EA	10' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	554.54	
			For Each LF Shade Cloth, Add	*63.42*	
01 56 26 00-0064		EA	12' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	621.99	
			For Each LF Shade Cloth, Add	*76.10*	
01 56 26 00-0065		EA	15' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	721.39	
			For Each LF Shade Cloth, Add	*95.12*	
01 56 26 00-0066		EA	20' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	871.74	
			For Each LF Shade Cloth, Add	*126.83*	
01 56 26 00-0067		EA	24' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	990.27	
			For Each LF Shade Cloth, Add	*152.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 26 00-0068		**8' High, Temporary Chain Link Fence Gates, >6 To 12 Months** *(01 56 26 00-0053)*		
01 56 26 00-0069	EA	4' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	360.39	
		For Each LF Shade Cloth, Add	*35.81*	
01 56 26 00-0070	EA	10' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	636.27	
		For Shade Cloth, Add	*89.53*	
01 56 26 00-0071	EA	12' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	711.19	
		For Shade Cloth, Add	*107.43*	
01 56 26 00-0072	EA	15' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	814.54	
		For Shade Cloth, Add	*134.29*	
01 56 26 00-0073	EA	20' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	995.48	
		For Shade Cloth, Add	*179.06*	
01 56 26 00-0074	EA	24' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	1,157.23	
		For Shade Cloth, Add	*214.87*	
01 56 26 00-0075		**10' High, Temporary Chain Link Fence Gates, >6 To 12 Months** *(01 56 26 00-0053)*		
01 56 26 00-0076	EA	4' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	436.18	
		For Each LF Shade Cloth, Add	*47.25*	
01 56 26 00-0077	EA	10' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	762.13	
		For Each LF Shade Cloth, Add	*118.13*	
01 56 26 00-0078	EA	12' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	853.61	
		For Each LF Shade Cloth, Add	*141.75*	
01 56 26 00-0079	EA	15' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	976.21	
		For Each LF Shade Cloth, Add	*177.19*	
01 56 26 00-0080	EA	20' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	1,193.35	
		For Each LF Shade Cloth, Add	*236.26*	
01 56 26 00-0081	EA	24' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	1,380.85	
		For Each LF Shade Cloth, Add	*283.51*	
01 56 26 00-0082		**Temporary Chain Link Fence Gates, >12 To 18 Months** *(01 56 26 00-0023)*		
01 56 26 00-0083		**4' High, Temporary Chain Link Fence Gates, >12 To 18 Months** *(01 56 26 00-0082)*		
01 56 26 00-0084	EA	4' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	312.27	
		For Each LF Shade Cloth, Add	*15.92*	
01 56 26 00-0085	EA	10' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	530.39	
		For Each LF Shade Cloth, Add	*39.79*	
01 56 26 00-0086	EA	12' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	593.94	
		For Each LF Shade Cloth, Add	*47.75*	
01 56 26 00-0087	EA	15' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	676.03	
		For Each LF Shade Cloth, Add	*59.69*	
01 56 26 00-0088	EA	20' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	809.83	
		For Each LF Shade Cloth, Add	*79.58*	
01 56 26 00-0089	EA	24' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	901.33	
		For Each LF Shade Cloth, Add	*95.50*	
01 56 26 00-0090		**6' High, Temporary Chain Link Fence Gates, >12 To 18 Months** *(01 56 26 00-0082)*		
01 56 26 00-0091	EA	4' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months	334.29	
		For Each LF Shade Cloth, Add	*25.37*	
01 56 26 00-0092	EA	10' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months	572.74	
		For Each LF Shade Cloth, Add	*63.42*	
01 56 26 00-0093	EA	12' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months	642.79	
		For Each LF Shade Cloth, Add	*76.10*	
01 56 26 00-0094	EA	15' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months	744.79	
		For Each LF Shade Cloth, Add	*95.12*	
01 56 26 00-0095	EA	20' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months	900.34	
		For Each LF Shade Cloth, Add	*126.83*	
01 56 26 00-0096	EA	24' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months	1,021.47	
		For Each LF Shade Cloth, Add	*152.20*	
01 56 26 00-0097		**8' High, Temporary Chain Link Fence Gates, >12 To 18 Months** *(01 56 26 00-0082)*		
01 56 26 00-0098	EA	4' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	373.26	
		For Each LF Shade Cloth, Add	*35.81*	
01 56 26 00-0099	EA	10' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	656.29	
		For Shade Cloth, Add	*89.53*	
01 56 26 00-0100	EA	12' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	734.07	
		For Shade Cloth, Add	*107.43*	
01 56 26 00-0101	EA	15' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	840.28	
		For Shade Cloth, Add	*134.29*	
01 56 26 00-0102	EA	20' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	1,026.93	
		For Shade Cloth, Add	*179.06*	
01 56 26 00-0103	EA	24' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	1,191.55	
		For Shade Cloth, Add	*214.87*	
01 56 26 00-0104		**10' High, Temporary Chain Link Fence Gates, >12 To 18 Months** *(01 56 26 00-0082)*		
01 56 26 00-0105	EA	4' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	452.27	
		For Each LF Shade Cloth, Add	*47.25*	
01 56 26 00-0106	EA	10' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	787.15	
		For Each LF Shade Cloth, Add	*118.13*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 26 00-0107	EA	12' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	882.21	
		For Each LF Shade Cloth, Add	*141.75*	
01 56 26 00-0108	EA	15' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	1,008.38	
		For Each LF Shade Cloth, Add	*177.19*	
01 56 26 00-0109	EA	20' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	1,232.68	
		For Each LF Shade Cloth, Add	*236.26*	
01 56 26 00-0110	EA	24' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	1,423.75	
		For Each LF Shade Cloth, Add	*283.51*	

01 56 26 00-0111 Temporary Chain Link Fence Gates, >18 Months *(01 56 26 00-0023)*

01 56 26 00-0112 4' High, Temporary Chain Link Fence Gates, >18 Months *(01 56 26 00-0111)*

01 56 26 00-0113	EA	4' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	323.46	
		For Each LF Shade Cloth, Add	*15.92*	
01 56 26 00-0114	EA	10' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	547.80	
		For Each LF Shade Cloth, Add	*39.79*	
01 56 26 00-0115	EA	12' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	613.83	
		For Each LF Shade Cloth, Add	*47.75*	
01 56 26 00-0116	EA	15' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	698.41	
		For Each LF Shade Cloth, Add	*59.69*	
01 56 26 00-0117	EA	20' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	837.19	
		For Each LF Shade Cloth, Add	*79.58*	
01 56 26 00-0118	EA	24' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	931.18	
		For Each LF Shade Cloth, Add	*95.50*	

01 56 26 00-0119 6' High, Temporary Chain Link Fence Gates, >18 Months *(01 56 26 00-0111)*

01 56 26 00-0120	EA	4' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	345.99	
		For Each LF Shade Cloth, Add	*25.37*	
01 56 26 00-0121	EA	10' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	590.94	
		For Each LF Shade Cloth, Add	*63.42*	
01 56 26 00-0122	EA	12' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	663.59	
		For Each LF Shade Cloth, Add	*76.10*	
01 56 26 00-0123	EA	15' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	768.19	
		For Each LF Shade Cloth, Add	*95.12*	
01 56 26 00-0124	EA	20' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	928.94	
		For Each LF Shade Cloth, Add	*126.83*	
01 56 26 00-0125	EA	24' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	1,052.67	
		For Each LF Shade Cloth, Add	*152.20*	

01 56 26 00-0126 8' High, Temporary Chain Link Fence Gates, >18 Months *(01 56 26 00-0111)*

01 56 26 00-0127	EA	4' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	386.13	
		For Each LF Shade Cloth, Add	*35.81*	
01 56 26 00-0128	EA	10' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	676.31	
		For Shade Cloth, Add	*89.53*	
01 56 26 00-0129	EA	12' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	756.95	
		For Shade Cloth, Add	*107.43*	
01 56 26 00-0130	EA	15' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	866.02	
		For Shade Cloth, Add	*134.29*	
01 56 26 00-0131	EA	20' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	1,058.39	
		For Shade Cloth, Add	*179.06*	
01 56 26 00-0132	EA	24' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	1,225.87	
		For Shade Cloth, Add	*214.87*	

01 56 26 00-0133 10' High, Temporary Chain Link Fence Gates, >18 Months *(01 56 26 00-0111)*

01 56 26 00-0134	EA	4' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	468.36	
		For Each LF Shade Cloth, Add	*47.25*	
01 56 26 00-0135	EA	10' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	812.18	
		For Each LF Shade Cloth, Add	*118.13*	
01 56 26 00-0136	EA	12' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	910.81	
		For Each LF Shade Cloth, Add	*141.75*	
01 56 26 00-0137	EA	15' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	1,040.55	
		For Each LF Shade Cloth, Add	*177.19*	
01 56 26 00-0138	EA	20' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	1,272.00	
		For Each LF Shade Cloth, Add	*236.26*	
01 56 26 00-0139	EA	24' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	1,466.65	
		For Each LF Shade Cloth, Add	*283.51*	

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

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

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

01 56 26 00-0142	LF	Temporary 4' High Chain Link Fence Panels (Portable), Up To 6 Months	8.12	
		For >100 To 250, Deduct	*-0.20*	
		For >250 To 500, Deduct	*-0.40*	
		For >500, Deduct	*-0.60*	
		For Each LF Shade Cloth, Add	*1.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 26 00-0143	LF	Temporary 6' High Chain Link Fence Panels (Portable), Up To 6 Months	9.02	
		For >100 To 250, Deduct	*-0.22*	
		For >250 To 500, Deduct	*-0.45*	
		For >500, Deduct	*-0.67*	
		For Each LF Shade Cloth, Add	*2.55*	
01 56 26 00-0144	LF	Temporary 8' High Chain Link Fence Panels (Portable), Up To 6 Months	12.19	
		For >100 To 250, Deduct	*-0.36*	
		For >250 To 500, Deduct	*-0.72*	
		For >500, Deduct	*-1.09*	
		For Each LF Shade Cloth, Add	*3.60*	

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

01 56 26 00-0146	LF	Temporary 4' High Chain Link Fence Panels (Portable), >6 To 12 Months	8.47	
		For >100 To 250, Deduct	*-0.22*	
		For >250 To 500, Deduct	*-0.44*	
		For >500, Deduct	*-0.65*	
		For Each LF Shade Cloth, Add	*1.60*	
01 56 26 00-0147	LF	Temporary 6' High Chain Link Fence Panels (Portable), >6 To 12 Months	9.39	
		For >100 To 250, Deduct	*-0.24*	
		For >250 To 500, Deduct	*-0.49*	
		For >500, Deduct	*-0.73*	
		For Each LF Shade Cloth, Add	*2.55*	
01 56 26 00-0148	LF	Temporary 8' High Chain Link Fence Panels (Portable), >6 To 12 Months	12.81	
		For >100 To 250, Deduct	*-0.39*	
		For >250 To 500, Deduct	*-0.79*	
		For >500, Deduct	*-1.18*	
		For Each LF Shade Cloth, Add	*3.60*	

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

01 56 26 00-0150	LF	Temporary 4' High Chain Link Fence Panels (Portable), >12 To 18 Months	8.81	
		For >100 To 250, Deduct	*-0.23*	
		For >250 To 500, Deduct	*-0.47*	
		For >500, Deduct	*-0.70*	
		For Each LF Shade Cloth, Add	*1.60*	
01 56 26 00-0151	LF	Temporary 6' High Chain Link Fence Panels (Portable), >12 To 18 Months	9.82	
		For >100 To 250, Deduct	*-0.26*	
		For >250 To 500, Deduct	*-0.53*	
		For >500, Deduct	*-0.79*	
		For Each LF Shade Cloth, Add	*2.55*	
01 56 26 00-0152	LF	Temporary 8' High Chain Link Fence Panels (Portable), >12 To 18 Months	13.53	
		For >100 To 250, Deduct	*-0.43*	
		For >250 To 500, Deduct	*-0.86*	
		For >500, Deduct	*-1.29*	
		For Each LF Shade Cloth, Add	*3.60*	

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

01 56 26 00-0154	LF	Temporary 4' High Chain Link Fence Panels (Portable), >18 Months	9.24	
		For >100 To 250, Deduct	*-0.26*	
		For >250 To 500, Deduct	*-0.51*	
		For >500, Deduct	*-0.77*	
		For Each LF Shade Cloth, Add	*1.60*	
01 56 26 00-0155	LF	Temporary 6' High Chain Link Fence Panels (Portable), >18 Months	10.25	
		For >100 To 250, Deduct	*-0.29*	
		For >250 To 500, Deduct	*-0.57*	
		For >500, Deduct	*-0.86*	
		For Each LF Shade Cloth, Add	*2.55*	
01 56 26 00-0156	LF	Temporary 8' High Chain Link Fence Panels (Portable), >18 Months	14.27	
		For >100 To 250, Deduct	*-0.47*	
		For >250 To 500, Deduct	*-0.93*	
		For >500, Deduct	*-1.40*	
		For Each LF Shade Cloth, Add	*3.60*	

01 56 26 00-0157 Temporary Chain Link Fence Panels (Portable) Sandbags *(01 56 26 00-0140)*

01 56 26 00-0158	BAG	Temporary Chain Link Fence Panels (Portable) Sandbag Note: Includes placement and removal.	7.65	

01 56 26 00-0159 Relocate Chain Link Fence, Gates And Panels *(01 56 26 00-0001)*

Note: Excludes auguring/drilling for posts.

01 56 26 00-0160 Relocate Temporary Chain Link Fence On Site *(01 56 26 00-0159)*

01 56 26 00-0161	LF	Relocate Temporary 4' High Chain Link Fence And Posts	3.62	
01 56 26 00-0162	LF	Relocate Temporary 6' High Chain Link Fence And Posts	5.44	
01 56 26 00-0163	LF	Relocate Temporary 8' High Chain Link Fence And Posts	7.85	
01 56 26 00-0164	LF	Relocate Temporary 10' High Chain Link Fence And Posts	9.66	

01 56 26 00-0165 Relocate Temporary Chain Link Fence Panels On Site *(01 56 26 00-0159)*

01 56 26 00-0166	LF	Relocate Temporary 4' High Chain Link Fence Panel, Self Standing	1.03	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 26 00-0167	LF	Relocate Temporary 6' High Chain Link Fence Panel, Self Standing	1.23	
01 56 26 00-0168	LF	Relocate Temporary 8' High Chain Link Fence Panel, Self Standing	1.39	

01 56 26 00-0169 Relocate Temporary Chain Link Gates On Site *(01 56 26 00-0159)*

01 56 26 00-0170	EA	Relocate Temporary 4' High Chain Link Vehicle Gate And Posts	133.89	
01 56 26 00-0171	EA	Relocate Temporary 6' High Chain Link Vehicle Gate And Posts	154.49	
01 56 26 00-0172	EA	Relocate Temporary 8' High Chain Link Vehicle Gate And Posts	190.54	
01 56 26 00-0173	EA	Relocate Temporary 10' High Chain Link Vehicle Gate And Posts	205.99	

01 56 26 00-0174 Temporary Rail And Timber Structure *(01 56 26)*

01 56 26 00-0175	LF	4' High Temporary Rail And Timber Structure Note: Includes steel posts, rails and plates, excavation, concrete, forming, finish, backfill and creosoted planking with 2" gaps	242.49	
01 56 26 00-0176	LF	6' High Temporary Rail And Timber Structure Note: Includes steel posts, rails and plates, excavation, concrete, forming, finish, backfill and creosoted planking with 2" gaps	345.68	
01 56 26 00-0177	LF	8' High Temporary Rail And Timber Structure Note: Includes steel posts, rails and plates, excavation, concrete, forming, finish, backfill and creosoted planking with 2" gaps	448.87	
01 56 26 00-0178	LF	10' High Temporary Rail And Timber Structure Note: Includes steel posts, rails and plates, excavation, concrete, forming, finish, backfill and creosoted planking with 2" gaps	572.78	
01 56 26 00-0179	LF	12' High Temporary Rail And Timber Structure Note: Includes steel posts, rails and plates, excavation, concrete, forming, finish, backfill and creosoted planking with 2" gaps	665.66	
01 56 26 00-0180	LF	15' High Temporary Rail And Timber Structure Note: Includes steel posts, rails and plates, excavation, concrete, forming, finish, backfill and creosoted planking with 2" gaps	763.71	

01 56 26 00-0181 Temporary Safety Fence *(01 56 26)*

Note: Includes removal after use.

01 56 26 00-0182	LF	48" High With Posts At 8' On Center, Plastic Mesh Temporary Safety Fence	3.79	

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

01 56 29 00-0001 Temporary Sidewalk Bridge Protection *(01 56 29)*

01 56 29 00-0002 Installation of Sidewalk Bridge *(01 56 29 00-0001)*

Note: Excludes material rental. See CSI section 01 56 29 00-0005 for monthly rental x length.

01 56 29 00-0003	LF	Installation of Heavy-Duty Steel Post And Beam Sidewalk Bridge Assembly Note: Includes spanning openings, planking and parapet, lighting, up to 8' wide, up to 8' high, 2 post system.	177.01	
		For 3 Post System, Add	*6.00*	
		For Each Additional Foot Over 8' Wide, Add	*3.00*	
		For Each Additional Foot Over 8' High, Add	*2.00*	
01 56 29 00-0004	LF	Installation of Netting for Sidewalk Bridge	4.51	

01 56 29 00-0005 Monthly Rental of Sidewalk Bridge *(01 56 29 00-0001)*

Note: Excludes installation set-up and removal. See CSI section 01 56 29 00-0002 for installation set-up, 01 56 29 00-0016 for removal.

01 56 29 00-0006	LF	Monthly Rental Of Up To 8' Wide And 8' High, 2 Post System, Heavy-Duty Steel Post And Beam Sidewalk Bridge Assembly Note: Includes spanning openings, planking and parapet, lighting and maintenance.	15.49	
		For 3 Post System, Add	*2.32*	
01 56 29 00-0007	LF	Monthly Rental Of Up To 8' Wide, 8' - 12' High, 2 Post System, Heavy-Duty Steel Post And Beam Sidewalk Bridge Assembly Note: Includes spanning openings, planking and parapet, lighting and maintenance.	17.45	
		For 3 Post System, Add	*2.62*	
01 56 29 00-0008	LF	Monthly Rental Of Up To 8' Wide, Over 12' High, 2 Post System, Heavy-Duty Steel Post And Beam Sidewalk Bridge Assembly Note: Includes spanning openings, planking and parapet, lighting and maintenance.	19.38	
		For 3 Post System, Add	*2.91*	
01 56 29 00-0009	LF	Monthly Rental Of 8' - 12' Wide And 8' High, 2 Post System, Heavy-Duty Steel Post And Beam Sidewalk Bridge Assembly Note: Includes spanning openings, planking and parapet, lighting and maintenance.	19.38	
		For 3 Post System, Add	*2.91*	
01 56 29 00-0010	LF	Monthly Rental Of 8' - 12' Wide, 8' - 12' High, 2 Post System, Heavy-Duty Steel Post And Beam Sidewalk Bridge Assembly Note: Includes spanning openings, planking and parapet, lighting and maintenance.	21.30	
		For 3 Post System, Add	*3.20*	
01 56 29 00-0011	LF	Monthly Rental Of 8' - 12' Wide, Over 12' High, 2 Post System, Heavy-Duty Steel Post And Beam Sidewalk Bridge Assembly Note: Includes spanning openings, planking and parapet, lighting and maintenance.	25.21	
		For 3 Post System, Add	*3.78*	
01 56 29 00-0012	LF	Monthly Rental Of Over 12' Wide And 8' High, 2 Post System, Heavy-Duty Steel Post And Beam Sidewalk Bridge Assembly Note: Includes spanning openings, planking and parapet, lighting and maintenance.	23.28	
		For 3 Post System, Add	*3.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 29 00-0013	LF	Monthly Rental Of Over 12' Wide, 8' - 12' High, 2 Post System, Heavy-Duty Steel Post And Beam Sidewalk Bridge Assembly	27.15	
		Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
		For 3 Post System, Add	*4.07*	
01 56 29 00-0014	LF	Monthly Rental Of Over 12' Wide, Over 12' High, 2 Post System, Heavy-Duty Steel Post And Beam Sidewalk Bridge Assembly	29.05	
		Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
		For 3 Post System, Add	*4.36*	
01 56 29 00-0015	LF	Monthly Rental of Netting for Sidewalk Bridge	2.90	

01 56 29 00-0016 Removal of Sidewalk Bridge *(01 56 29 00-0001)*

01 56 29 00-0017	LF	Removal Of Heavy-Duty Steel Post And Beam Sidewalk Bridge Assembly	36.84	
		Note: Includes spanning openings, planking and parapet, lighting, up to 8' wide, up to 8' high, 2 post system.		
		For 3 Post System, Add	*2.50*	
		For Each Additional Foot Over 8' Wide, Add	*1.25*	
		For Each Additional Foot Over 8' High, Add	*0.75*	
01 56 29 00-0018	LF	Removal Of Netting For Sidewalk Bridge	1.54	

01 56 29 00-0019 Temporary Safety Nets *(01 56 29)*

Note: Includes removal after use.

01 56 29 00-0020	SF	Small Mesh Debris Netting	2.77	
		Note: Includes 3" molded plastic base plates, plastic cable ties, and 1/4", 7x9 aircraft cable tied off to structure, not including anchors.		

01 56 33 Temporary Security Barriers *(01 56)*

01 56 33 00-0001 Board-up Opening With Plywood *(01 56 33)*

Note: For use where directed by owner for boarding up door and window openings.

01 56 33 00-0002	OPNG	Removal Of Protective Barrier To Allow Work In Building, Reseal At End Of Day, Per Opening Per Day	15.46	
01 56 33 00-0003	SF	5/8" Thick Plywood, 2" x 4" Wood Stud Framing And Fasteners, For Board-Up Opening	8.37	
01 56 33 00-0004	SF	3/4" Thick Plywood, 2" x 4" Wood Stud Framing And Fasteners, For Board-Up Opening	9.69	

01 56 33 00-0005 Temporary Pedestrian Barricade *(01 56 33)*

Note: Portable, interlocking galvanized steel fence with pivoting legs.

01 56 33 00-0006	DAY	3-1/2' x 7-1/2' Galvanized Steel Pedestrian Barricade, Rental	14.47	
01 56 33 00-0007	WK	3-1/2' x 7-1/2' Galvanized Steel Pedestrian Barricade, Rental	35.15	
01 56 33 00-0008	MO	3-1/2' x 7-1/2' Galvanized Steel Pedestrian Barricade, Rental	105.44	

01 56 33 00-0009 Vacant Property Security *(01 56 33)*

01 56 33 00-0010	SF	14 Gauge Perforated Steel Security Window Panel With Back Bar Frame	100.62	7.96
		Note: Includes fasteners for securing frame to structure and security fasteners for securing screen to frame.		

01 56 39 Temporary Tree and Plant Protection *(01 56)*

01 56 39 00-0001 Temporary Tree Guards *(01 56 39)*

Note: Includes digging holes and removal after use.

01 56 39 00-0002	EA	Up To 4' x 4' Temporary Tree Guard, 2" x 4" Wood Stud Framing Construction, 4 Uprights Set In Earth 2' Deep, With Double Rail	219.58	
01 56 39 00-0003	EA	4' x 4' Temporary Tree Guard, 2" x 4" Wood Stud Framing Construction, 4 Uprights Set In Earth 2' Deep, With Double Rail	259.10	
01 56 39 00-0004	EA	6' x 6' Temporary Tree Guard, 2" x 4" Wood Stud Framing Construction, 4 Uprights Set In Earth 2' Deep, With Double Rail	281.33	

01 57 Temporary Controls *(01 50)*

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

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

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

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

01 57 23 00-0001 Temporary Drain Guard *(01 57 23)*

Note: Includes removal after use.

01 57 23 00-0002	EA	36" x 48" x 18" Non-Woven Polypropylene Trash and Debris Drain Guard (Ultra-Drain Guard® 9227)	116.42	
01 57 23 00-0003	EA	36" x 48" x 18" Non-Woven Polypropylene Oil and Sediment Drain Guard (Ultra-Drain Guard® 9217)	114.30	
		Note: Up to 0.87 gallons oil, up to 40 Lb. sediment.		
01 57 23 00-0004	EA	36" x 48" x 18" Non-Woven Polypropylene Oil and Sediment Drain Guard (Ultra-Drain Guard® 9219)	144.25	
		Note: Up to 1.38 gallons oil, up to 40 Lb. sediment.		
01 57 23 00-0005	EA	60" x 60" x 18" Non-Woven Polypropylene Oil and Sediment Drain Guard (Ultra-Drain Guard® 9356)	142.10	
		Note: Up to 1.55 gallons oil, up to 40 Lb. sediment.		
01 57 23 00-0006	EA	60" x 60" x 18" Non-Woven Polypropylene Oil and Sediment Drain Guard (Ultra-Drain Guard® 9358)	174.21	
		Note: Up to 2.06 gallons oil, up to 40 Lb. sediment.		

01 58 Project Identification *(01 50)*

Note: Includes removal after use.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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

01 58 13 00-0001 Project Sign *(01 58 13)*

01 58 13 00-0002 MDO Plywood Signs *(01 58 13 00-0001)*
Note: Excludes posts.

01 58 13 00-0003 Reflectorized, MDO Plywood Signs *(01 58 13 00-0002)*

01 58 13 00-0004 Engineer Grade, Reflectorized, MDO Plywood Signs *(01 58 13 00-0003)*

01 58 13 00-0005	EA	Up To 8 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign	168.09	28.33
		For High-Intensity Grade, Add	*39.00*	
		For Diamond Grade, Add	*75.22*	
01 58 13 00-0006	EA	>8 To 16 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign	282.10	29.61
		For High-Intensity Grade, Add	*78.00*	
		For Diamond Grade, Add	*150.44*	
01 58 13 00-0007	EA	>16 To 24 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign	396.12	30.90
		For High-Intensity Grade, Add	*117.01*	
		For Diamond Grade, Add	*225.66*	
01 58 13 00-0008	EA	>24 To 32 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign	510.12	32.19
		For High-Intensity Grade, Add	*156.01*	
		For Diamond Grade, Add	*300.87*	
01 58 13 00-0009	SF	>32 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign	15.99	1.03
		For High-Intensity Grade, Add	*4.88*	
		For Diamond Grade, Add	*9.40*	

01 58 13 00-0010 Non-Reflectorized, MDO Plywood Signs *(01 58 13 00-0002)*

01 58 13 00-0011 One Or Two Color Design, Non-Reflectorized, MDO Plywood Signs *(01 58 13 00-0010)*

01 58 13 00-0012	EA	Up To 8 SF, One Or Two Color Design, Non-Reflectorized, MDO Plywood Sign	214.71	28.33
01 58 13 00-0013	EA	>8 To 16 SF, One Or Two Color Design, Non-Reflectorized, MDO Plywood Sign	255.02	29.61
01 58 13 00-0014	EA	>16 To 24 SF, One Or Two Color Design, Non-Reflectorized, MDO Plywood Sign	317.76	30.90
01 58 13 00-0015	EA	>24 To 32 SF, One Or Two Color Design, Non-Reflectorized, MDO Plywood Sign	377.02	32.19
01 58 13 00-0016	SF	>32 SF, One Or Two Color Design, Non-Reflectorized, MDO Plywood Sign	11.83	1.03

01 58 13 00-0017 Full Color Design, Non-Reflectorized, MDO Plywood Signs *(01 58 13 00-0010)*

01 58 13 00-0018	EA	Up To 8 SF, Full Color Design, Non-Reflectorized, MDO Plywood Sign	219.16	28.33
01 58 13 00-0019	EA	>8 To 16 SF, Full Color Design, Non-Reflectorized, MDO Plywood Sign	279.01	29.61
01 58 13 00-0020	EA	>16 To 24 SF, Full Color Design, Non-Reflectorized, MDO Plywood Sign	342.14	30.90
01 58 13 00-0021	EA	>24 To 32 SF, Full Color Design, Non-Reflectorized, MDO Plywood Sign	397.91	32.19
01 58 13 00-0022	SF	>32 SF, Full Color Design, Non-Reflectorized, MDO Plywood Sign	12.48	1.03

01 58 13 00-0023 Fabricate And Install New Posts *(01 58 13 00-0001)*
Note: Includes excavation, backfill and compaction. Excludes core drilling.

01 58 13 00-0024	LF	Galvanized Metal Channel Sign Posts	17.49	
01 58 13 00-0025	LF	4" x 4" Pressure Treated Wood Sign Posts	12.89	
01 58 13 00-0026	LF	4" x 6" Pressure Treated Wood Sign Posts	15.88	

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

01 58 13 00-0028	EA	Installation And Removal Of Owner Supplied Project Sign	103.00	

01 60 Product Requirements *(01)*

01 65 Product Delivery Requirements *(01 60)*

01 65 00 00-0001 Helicopter Lift *(01 65)*
Note: Includes Helcopter, Crew, Permits, Fuel And Clearances

01 65 00 00-0002	DAY	< 3,500 Lb., Helicopter Lift Note: Maximum of (3) Operations, Helicopter Crew, Helicopter, Rigging. Includes Day Permit for FAA Permit, Street Closure fees and Right of way. Signage , Safety Rigging Landing Plan. Clearing, Cleaning and Delineation of Landing Zone, Drop Zone, and Alternate landing Area. Delineation and closure of Ingress Egress routes.	36,948.42	
		For Weekend Day Usage, Add	*3,500.00*	

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

01 66 19 Product Handling Requirements *(01 66)*
Note: Not for use in conjunction with other tasks when the distance is less than 2 stories or less than 125'.

01 66 19 00-0001 Transfer Delivered Materials Between Floors *(01 66 19)*
Note: For moving delivered, owner supplied or existing materials in a building.

01 66 19 00-0002	CY	Transfer Delivered Material Between Floors Via Stairs, Per Floor Note: Quantity equals volume of materials multiplied by number of floors traveled.	19.81	
01 66 19 00-0003	CY	Transfer Delivered Material Between Floors Via Elevator, Per Trip Note: Quantity is not multiplied by number of floors traveled. Includes transfer of materials between elevators, if more than one bank of elevators is required.	12.88	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 66 19 00-0004		**Transfer Delivered Materials Distances Greater Than 125'** *(01 66 19)* Note: For moving delivered, owner supplied or existing materials in a building.		
01 66 19 00-0005	CY	Transfer Delivered Materials Distances Greater Than 125', Per CY Of Material Per 125'	8.04	
01 66 19 00-0006		**Transfer Demolition Debris Between Floors** *(01 66 19)* Note: Only for use with demolition tasks.		
01 66 19 00-0007	CY	Transfer Demolition Debris Between Floors Via Stairs, Per Floor Note: Quantity equals material volume times bulk factor times number of floors traveled.	19.81	
01 66 19 00-0008	CY	Transfer Demolition Debris Between Floors Via Elevator, Per Trip Note: Quantity is not multiplied by number of floors traveled. Includes transfer of materials between elevators, if more than one bank of elevators is required.	12.88	
01 66 19 00-0009		**Transfer Demolition Debris Distances Greater Than 125'** *(01 66 19)* Note: Only for use with demolition tasks.		
01 66 19 00-0010	CY	Transfer Demolition Debris Distances Greater Than 125', Per CY Of Material Per 125'	8.04	
01 66 19 00-0011		**Moving Furniture And Furnishings** *(01 66 19)* Note: To be used when contractor is required to move furniture and furnishings occupying 55% or more of the total floor space.		
01 66 19 00-0012	SF	Removal, Transportation, Return And Reinstallation Of Office Furniture And Furnishings Note: Includes desks, tables, file cabinets, chairs, storage boxes, bookshelves, office equipment, computers, and other furniture and furnishings. Quantity equals total floor space.	1.28	

01 70 Execution and Closeout Requirements *(01)*

01 71 Examination and Preparation *(01 70)*

01 71 13 Mobilization *(01 71)*

01 71 13 00-0001		**Equipment Delivery, Pickup, Mobilization And Demobilization** *(01 71 13)* Note: Excludes flagman for traffic control where necessary. Per each mobilization delivery.		
01 71 13 00-0002	EA	Equipment Delivery, Pickup, Mobilization And Demobilization Using A Rollback Flatbed Truck Note: Includes loading, tie-down of equipment, delivery of equipment, off loading on site, rigging, dismantling, loading for return and transporting away. For equipment such as trenchers, skid-steer loaders (bobcats), industrial warehouse forklifts, sweepers, scissor platform lifts, telescoping and articulating boom man lifts with up to 40' boom lengths, etc.	473.10	
01 71 13 00-0003	EA	Equipment Delivery, Pickup, Mobilization And Demobilization Using A Tractor Trailer With Up To 53' Bed Note: Includes loading, tie-down of equipment, delivery of equipment, off loading on site, rigging, dismantling, loading for return and transporting away. For equipment such as bulldozers, motor scrapers, hydraulic excavators, gradalls, road graders, loader-backhoes, heavy-duty construction loaders, tractors, pavers, rollers, bridge finishers, straight mast construction forklifts, telescoping boom rough terrain construction forklifts, telescoping and articulating boom man lifts with >40' boom lengths, etc.	1,501.45	
01 71 13 00-0004		**Crane Delivery, Pickup, Mobilization And Demobilization** *(01 71 13)* Note: Includes delivery of equipment, off loading on site and rigging. Pick-up (return) includes dismantling, loading and transporting away. Excludes flagman for traffic control where necessary.		
01 71 13 00-0005	EA	Up To 20 Ton Lift Move On/Off Cost, Hydraulic Crane Note: Includes delivery and pickup.	504.64	
		For >30 To 60 Miles Radius, Add	*126.16*	
		For >60 To 100 Miles Radius, Add	*201.86*	
01 71 13 00-0006	EA	>20 To 40 Ton Lift Move On/Off Cost, Hydraulic Crane Note: Includes delivery and pickup.	820.03	
		For >30 To 60 Miles Radius, Add	*205.01*	
		For >60 To 100 Miles Radius, Add	*328.01*	
01 71 13 00-0007	EA	>40 To 70 Ton Lift Move On/Off Cost, Hydraulic Crane Note: Includes delivery and pickup.	1,135.44	
		For >30 To 60 Miles Radius, Add	*283.86*	
		For >60 To 100 Miles Radius, Add	*454.18*	
01 71 13 00-0008	EA	>70 To 110 Ton Lift Move On/Off Cost, Hydraulic Crane Note: Includes delivery and pickup.	1,829.31	
		For >30 To 60 Miles Radius, Add	*457.33*	
		For >60 To 100 Miles Radius, Add	*731.72*	
01 71 13 00-0009	EA	>110 To 125 Ton Lift Move On/Off Cost, Hydraulic Crane Note: Includes delivery and pickup.	2,296.10	
		For >30 To 60 Miles Radius, Add	*574.03*	
		For >60 To 100 Miles Radius, Add	*918.44*	
01 71 13 00-0010	EA	>125 To 150 Ton Lift Move On/Off Cost, Hydraulic Crane Note: Includes delivery and pickup.	2,857.51	
		For >30 To 60 Miles Radius, Add	*714.38*	
		For >60 To 100 Miles Radius, Add	*1,143.00*	
01 71 13 00-0011	EA	>150 To 185 Ton Lift Move On/Off Cost, Hydraulic Crane Note: Includes delivery and pickup.	3,292.76	
		For >30 To 60 Miles Radius, Add	*823.19*	
		For >60 To 100 Miles Radius, Add	*1,317.10*	
01 71 13 00-0012	EA	>185 To 210 Ton Lift Move On/Off Cost, Hydraulic Crane Note: Includes delivery and pickup.	3,683.86	
		For >30 To 60 Miles Radius, Add	*920.97*	
		For >60 To 100 Miles Radius, Add	*1,473.54*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 71 13 00-0013	EA	75 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery, rigging and pickup.	1,955.47	
		For >30 To 60 Miles Radius, Add	*488.87*	
		For >60 To 100 Miles Radius, Add	*782.19*	
01 71 13 00-0014	EA	100 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery, rigging and pickup.	3,090.91	
		For >30 To 60 Miles Radius, Add	*772.73*	
		For >60 To 100 Miles Radius, Add	*1,236.36*	
01 71 13 00-0015	EA	125 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery, rigging and pickup.	3,910.94	
		For >30 To 60 Miles Radius, Add	*977.74*	
		For >60 To 100 Miles Radius, Add	*1,564.38*	
01 71 13 00-0016	EA	150 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery, rigging and pickup.	4,857.14	
		For >30 To 60 Miles Radius, Add	*1,214.29*	
		For >60 To 100 Miles Radius, Add	*1,942.86*	
01 71 13 00-0017	EA	200 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery, rigging and pickup.	6,055.65	
		For >30 To 60 Miles Radius, Add	*1,513.91*	
		For >60 To 100 Miles Radius, Add	*2,422.26*	
01 71 13 00-0018	EA	250 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery, rigging and pickup.	7,064.93	
		For >30 To 60 Miles Radius, Add	*1,766.23*	
		For >60 To 100 Miles Radius, Add	*2,825.97*	
01 71 13 00-0019	EA	300 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery, rigging and pickup.	10,092.76	
		For >30 To 60 Miles Radius, Add	*2,523.19*	
		For >60 To 100 Miles Radius, Add	*4,037.10*	
01 71 13 00-0020	EA	500 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery, rigging and pickup.	13,839.70	
		For >30 To 60 Miles Radius, Add	*3,459.93*	
		For >60 To 100 Miles Radius, Add	*5,535.88*	

01 71 23 Field Engineering *(01 71)*

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

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

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

01 71 23 16-0002	ACR	Conventional Topographic Survey Of Clear Area With Few To No Obstacles	1,357.97
01 71 23 16-0003	ACR	Conventional Topographic Survey Of Clear Area With Medium Height Vegetation, Few Trees (<5% Buildings)	3,824.72
01 71 23 16-0004	ACR	Conventional Topographic Survey Of Clear Area With Few Structures, And/or Wooded (5-25% Buildings)	5,492.38
01 71 23 16-0005	ACR	Conventional Topographic Survey Of Developed Areas With Several Structures (25-65% Buildings)	8,259.78
01 71 23 16-0006	ACR	Conventional Topographic Survey Of Highly Developed Areas, Sidewalks, Etcetera (>65% Buildings)	10,341.26

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

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

01 71 23 16-0008	LF	Survey Property Lines On Cleared Land	3.04
01 71 23 16-0009	LF	Survey Property Lines On Slightly Wooded Land	3.52
01 71 23 16-0010	LF	Survey Property Lines On Wooded Land	4.12

01 71 23 16-0011 Survey Monument *(01 71 23 16)*

01 71 23 16-0012	EA	3' Precast Survey Monument	211.43
		For Owner Furnished Monument, Deduct	*-85.89*
01 71 23 16-0013	EA	Precast Survey Monument Box With Cast Iron Frame And Cover	316.05
01 71 23 16-0014	EA	Riser Ring For Survey Monument	162.55
01 71 23 16-0015	EA	Adjust Survey Monument Cover To Grade	257.67

01 71 23 16-0016 Facade Surveying *(01 71 23 16)*

01 71 23 16-0017	LF	Facade Survey And Reports (LF Of Facade x Number Of Floors)	8.41

01 71 36 Non-Destructive Concrete Examination *(01 71)*

01 71 36 00-0001 Electromagnetic Survey *(01 71 36)*

Note: To locate voids, prior to moving heavy machinery to an area of concern, to locate reinforcing bars, conduits, pipes, etc., prior to core drilling or cutting existing concrete, masonry or asphalt, to locate underground utilities, underground storage tanks, etc. Electromagnetic survey includes Subsurface Interface Radar (SIR) and/or Ground Penetrating Radar (GPR).

01 71 36 00-0002 Electromagnetic (SIR/GPR) Survey *(01 71 36 00-0001)*

01 71 36 00-0003	EA	Up To 1 Hour On Site, Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt	1,161.90
01 71 36 00-0004	EA	>1 To 4 Hours On Site, Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt	1,742.85
01 71 36 00-0005	EA	>4 To 8 Hours On Site, Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt	3,485.70

01 71 36 00-0006 Reports And Mapping For Electromagnetic (SIR/GPR) Surveys *(01 71 36 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 71 36 00-0007	EA	Standard Report For Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt Note: Includes a detailed description of the scope of work, inspection methods, and equipment used. Also includes visuals such as site locations, images of data, and site photos.	387.30	
01 71 36 00-0008	EA	GPS Mapping Of Located Utilities/Items For Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt Note: Includes GPS coordinates of located items and reference items.	774.60	
01 71 36 00-0009	EA	CAD Mapping Of Located Utilities/Items For Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt Note: Includes additions to the owner provided CAD drawing.	1,742.85	

01 74 Cleaning and Waste Management *(01 70)*

01 74 13 Progress Cleaning *(01 74)*

Note: For use on existing areas other than where actual work is to be performed where ordered by the owner. Daily cleanup and final cleanup is included in the contractor's adjustment factor.

01 74 13 00-0001 General *(01 74 13)*

01 74 13 00-0002	CSF	Clean Miscellaneous Surfaces, Wipe Down With Mild Detergent	25.78	
01 74 13 00-0003	CY	Collect Existing Debris And Load Into Truck Or Dumpster Note: Per CY of debris removed.	30.17	

01 74 16 Site Maintenance *(01 74)*

01 74 16 00-0001 Parking Lot, Roads And Pathway Maintenance *(01 74 16)*

Note: These tasks shall be used for maintenance of existing roads and walks only as requested by the owner. Tasks not to be used in conjunction with related installation/demolition tasks.

01 74 16 00-0002 Parking Lot, Road, And Street Sweeping *(01 74 16 00-0001)*

01 74 16 00-0003	MSF	Sweep Parking Lot, With Street Sweeper	24.55	
01 74 16 00-0004	MSF	Sweeper/Vacuum/Sprayer For Parking Lots, Streets And Roads	29.46	

01 74 16 00-0005 Runway Sweeping *(01 74 16 00-0001)*

01 74 16 00-0006	MSF	Sweep Runway, With Street Sweep	36.82	

01 74 19 Construction Waste Management and Disposal *(01 74)*

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

01 74 19 00-0001 Debris Chutes *(01 74 19)*

Note: Includes hopper sections and entry sections. Used as required for buildings of all heights.

01 74 19 00-0002 Steel Temporary Debris Chutes *(01 74 19 00-0001)*

01 74 19 00-0003	LF	18" Diameter, Steel Temporary Debris Chute	40.40	
01 74 19 00-0004	LF	30" Diameter, Steel Temporary Debris Chute	61.82	

01 74 19 00-0005 Plastic Temporary Debris Chutes *(01 74 19 00-0001)*

01 74 19 00-0006	LF	24" Diameter, Plastic Temporary Debris Chute	16.01	
		For Steel Liner, Add		*3.21*
01 74 19 00-0007	LF	30" Diameter, Plastic Temporary Debris Chute	18.36	
		For Steel Liner, Add		*3.68*
01 74 19 00-0008	LF	36" Diameter, Plastic Temporary Debris Chute	20.70	
		For Steel Liner, Add		*4.15*

01 74 19 00-0009 Wood Temporary Debris Chutes *(01 74 19 00-0001)*

01 74 19 00-0010	LF	4' x 4', Wood Temporary Debris Chute Note: Includes fabrication and installation.	32.29	

01 74 19 00-0011 Construction Dumpsters Rental *(01 74 19)*

Note: Includes service to delivery and pick-up of dumpster, hauling of debris, rental of dumpster and all applicable non-hazardous disposal fees. Cost of "each" is based on each pick-up. Use modifier for excess tons up to legal state limit. Unacceptable materials include: aerosol cans, all liquids, animals, antifreeze, appliances, asbestos, barrels, batteries, chemical products, computers, contaminated oils (mixed with solvents, gasoline, etc.), dirt, fluorescent tubes, hazardous waste, herbicides and pesticides, industrial waste, lubricating/hydraulic oil, mattresses, medical waste, microwaves, monitors, motor oil, oil filters, other flammable liquids, paint (except completely dried latex paint cans, no liquids), petroleum-contaminated soil/lead paint chips, propane tanks, radioactive material, railroad ties, solvents, televisions, tires, and transmission oil.

01 74 19 00-0012	EA	10 CY Dumpster "Construction Debris" Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	488.94	
01 74 19 00-0013	EA	15 CY Dumpster "Construction Debris" Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	557.68	
01 74 19 00-0014	EA	20 CY Dumpster "Construction Debris" Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	577.60	
01 74 19 00-0015	EA	30 CY Dumpster "Construction Debris" Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	653.71	
01 74 19 00-0016	EA	40 CY Dumpster "Construction Debris" Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	849.10	
01 74 19 00-0017	EA	10 CY Low-Boy Dumpster "Concrete Or Asphalt Only" Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Concrete or asphalt only.	744.78	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 74 19 00-0018		Construction Washout Container *(01 74 19)*		
01 74 19 00-0019	EA	30" x 30" x 14" High, Corrugated Cardboard With 6mm Liner, 50 Gallon, Construction Washout Bin Note: Up to 10 uses, requires additonal 6mm plastic for multiple uses See CSI section 01 56 16 00-0002 for 6mm plastic for additional loads.	56.59	
01 74 19 00-0020	EA	48" x 48" x 14" High, Corrugated Cardboard With 6mm Liner, 140 Gallon, Construction Washout Bin Note: Up to 10 uses, requires additonal 6mm plastic for multiple uses See CSI section 01 56 16 00-0002 for 6mm plastic for additional loads.	81.31	
01 74 19 00-0021	EA	72" x 72" x 12" High, Corrugated Cardboard With 6mm Liner, 260 Gallon, Construction Washout Bin Note: Up to 10 uses, requires additonal 6mm plastic for multiple uses See CSI section 01 56 16 00-0002 for 6mm plastic for additional loads.	140.01	
01 74 19 00-0022		Concrete Washout Service *(01 74 19)*		
01 74 19 00-0023	MO	Rampless Concrete Washout Bin Note: Includes delivery.	497.07	
01 74 19 00-0024	MO	Ramped Concrete Washout Bin Note: Includes delivery.	596.49	
01 74 19 00-0025	EA	Interim Vacuum Service, Concrete Washout Bin Note: Includes vacuum and recycle excess clear liquid from the unfilled bin to allow additional space for washout material.	640.17	
01 74 19 00-0026	EA	Vacuum, Pickup, Swap And Dump, Concrete Washout Bin Note: Includes vacuum the liquid from the full bin and pick up the bin, and recycle all material. An empty bin will be left at the site if the project is not completed.	1,387.04	
01 74 19 00-0027		Debris Processing Fee *(01 74 19)*		
01 74 19 00-0028		Material Recycling Fees *(01 74 19 00-0027)* Note: Not to be used with Dumpster Tasks which includes the Landfill Dump Fee. Excludes hauling.		
01 74 19 00-0029	CY	Drop-Off Asphalt At Recycling Center	28.21	
01 74 19 00-0030	CY	Drop-Off Non-Reinforced Concrete At Recycling Center	37.79	
01 74 19 00-0031	CY	Drop-Off Reinforced Concrete At Recycling Center	56.68	
01 74 19 00-0032	CY	Drop-Off Brick Or Block At Recycling Center	49.12	
01 74 19 00-0033	CY	Drop-Off Dirt At Recycling Center	54.79	
01 74 19 00-0034	CY	Drop-Off Dimensional Lumber At Recycling Center	26.45	
01 74 19 00-0035		Landfill Dump Fees *(01 74 19 00-0027)* Note: Does not apply when material is transferred to owner's site or facility, or with use of dumpsters. Excludes hauling.		
01 74 19 00-0036	CY	Traditional Building Construction Materials Landfill Dump Fee	25.14	
01 74 19 00-0037	TON	Traditional Building Construction Materials, Landfill Dump Fee	109.58	
01 74 19 00-0038	CY	Trees, Stumps And Brush, Landfill Dump Fee	30.27	
01 74 19 00-0039	CY	Hazardous Materials And Rubbish Landfill Dump Fee Note: Includes regulated waste such as paint cans, refrigerators/freezers, air conditioners, smoke detectors, batteries, etc.	72.17	
01 74 19 00-0040		Hauling *(01 74 19)* Note: Includes driver and equipment, ten (10) to fifteen (15) minutes load time, time for travel, dump time and return (roundtrip). The task quantity is the number of miles to the disposal site/transfer station (one way mileage) times the number of cubic yards being transported. For example, to haul 8 CY to a site 14 miles away, the quantity is calculated as follows: 14 miles x 8 CY = 112 CYM. Use both hauling tasks for distances greater than 15 miles. To haul 28 CY to a site 32 miles away, the quantity for the task to haul the first 15 miles is calculated: 15 miles x 28 CY = 420 CYM. The quantity for the additional hauling task over the first 15 miles is calculated: 32 total miles less 15 initial miles equals 17 miles x 28 CY = 476 CYM.		
01 74 19 00-0041	CYM	Hauling Up To 15 Miles	1.32	
01 74 19 00-0042	CYM	Hauling, Miles Over Initial 15 Miles	1.00	
01 74 23		**Final Cleaning** *(01 74)*		
01 74 23 00-0001		Cleaning Of Glass *(01 74 23)*		
01 74 23 00-0002	CSF	Cleaning Of Existing Glass Surfaces	34.76	

01 95 Residential Construction *(01)*

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

01 95 01 00-0001		Pre-Clean Interior Of Residential Unit *(01 95 01)* Note: Remove all discarded debris from unit prior to commencement of work. Excludes disposal of waste.		
01 95 01 00-0002	EA	Pre-Clean Residential Unit - Efficiency Unit	720.85	
01 95 01 00-0003	EA	Pre-Clean Residential Unit - One Bedroom Unit	926.21	
01 95 01 00-0004	EA	Pre-Clean Residential Unit - Two Bedroom Unit	1,384.34	
01 95 01 00-0005	EA	Pre-Clean Residential Unit - Three Bedroom Unit	1,865.85	
01 95 01 00-0006	EA	Pre-Clean Residential Unit - Four Bedroom Unit	2,370.97	
01 95 01 00-0007	EA	Pre-Clean Residential Unit - Five Bedroom Unit	2,860.97	
01 95 01 00-0008	EA	Pre-Clean Residential Unit - Six Bedroom Unit	3,343.99	
01 95 01 00-0009	EA	Pre-Clean Residential Basement	2,059.90	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 01 00-0010		**Final Clean Interior Of Residential Unit** *(01 95 01)* Note: Final cleaning to make unit ready for tenant move-in. This is over and above the daily and final construction cleaning which is part of the Contractor's Adjustment Factor.		
01 95 01 00-0011	EA	Final Clean Residential Unit - Efficiency Unit	875.81	
01 95 01 00-0012	EA	Final Clean Residential Unit - One Bedroom Unit	1,129.33	
01 95 01 00-0013	EA	Final Clean Residential Unit - Two Bedroom Unit	1,650.56	
01 95 01 00-0014	EA	Final Clean Residential Unit - Three Bedroom Unit	2,145.73	
01 95 01 00-0015	EA	Final Clean Residential Unit - Four Bedroom Unit	2,798.78	
01 95 01 00-0016	EA	Final Clean Residential Unit - Five Bedroom Unit	3,301.12	
01 95 01 00-0017	EA	Final Clean Residential Unit - Six Bedroom Unit	3,808.98	
01 95 01 00-0018	EA	Final Clean Residential Unit - Basement	2,266.62	
01 95 01 00-0019		**Clean Residential HVAC** *(01 95 01)*		
01 95 01 00-0020	EA	Clean And Service Residential Furnace	627.92	
01 95 01 00-0021	EA	Clean Residential Ductwork In Efficiency Unit	669.50	
01 95 01 00-0022	EA	Clean Residential Ductwork In One Bedroom Unit	800.14	
01 95 01 00-0023	EA	Clean Residential Ductwork In Two Bedroom Unit	930.90	
01 95 01 00-0024	EA	Clean Residential Ductwork In Three Bedroom Unit	1,063.12	
01 95 01 00-0025	EA	Clean Residential Ductwork In Four Bedroom Unit	1,193.18	
01 95 01 00-0026	EA	Clean Residential Ductwork In Five Bedroom Unit	1,342.48	
01 95 01 00-0027	EA	Clean Residential Ductwork In Six Bedroom Unit	1,495.28	
01 95 01 00-0028		**Residential Relocation Costs** *(01 95 01)* Note: Includes packing all furniture in unit and relocating furniture to new location. Excludes moving truck.		
01 95 01 00-0029	EA	Move Furniture In Residential Efficiency Bedroom, Same Floor	825.79	
01 95 01 00-0030	EA	Move Furniture In Residential One Bedroom, Same Floor	1,109.47	
01 95 01 00-0031	EA	Move Furniture In Residential Two Bedroom, Same Floor	1,753.25	
01 95 01 00-0032	EA	Move Furniture In Residential Three Bedroom, Same Floor	2,293.02	
01 95 01 00-0033	EA	Move Furniture In Residential Four Bedroom, Same Floor	2,831.92	
01 95 01 00-0034	EA	Move Furniture In Residential Five Bedroom, Same Floor	3,277.48	
01 95 01 00-0035	EA	Move Furniture In Residential Six Bedroom, Same Floor	3,820.58	
01 95 01 00-0036	EA	Move Furniture In Residential Efficiency Bedroom, Different Floor	980.98	
01 95 01 00-0037	EA	Move Furniture In Residential One Bedroom, Different Floor	1,314.93	
01 95 01 00-0038	EA	Move Furniture In Residential Two Bedroom, Different Floor	2,168.89	
01 95 01 00-0039	EA	Move Furniture In Residential Three Bedroom, Different Floor	2,806.89	
01 95 01 00-0040	EA	Move Furniture In Residential Four Bedroom, Different Floor	3,471.60	
01 95 01 00-0041	EA	Move Furniture In Residential Five Bedroom, Different Floor	4,002.22	
01 95 01 00-0042	EA	Move Furniture In Residential Six Bedroom, Different Floor	4,546.39	
01 95 01 00-0043	EA	Move Furniture In Residential Efficiency Bedroom, Different Building	1,549.79	
01 95 01 00-0044	EA	Move Furniture In Residential One Bedroom, Different Building	1,931.67	
01 95 01 00-0045	EA	Move Furniture In Residential Two Bedroom, Different Building	2,781.86	
01 95 01 00-0046	EA	Move Furniture In Residential Three Bedroom, Different Building	3,640.05	
01 95 01 00-0047	EA	Move Furniture In Residential Four Bedroom, Different Building	4,311.49	
01 95 01 00-0048	EA	Move Furniture In Residential Five Bedroom, Different Building	4,828.61	
01 95 01 00-0049	EA	Move Furniture In Residential Six Bedroom, Different Building	5,372.16	
01 95 01 00-0050		**Residential Testing** *(01 95 01)*		
01 95 01 00-0051	EA	Carbon Dioxide (CO2) Test For Residential Sewer Vents	515.50	
01 95 01 00-0052	EA	Carbon Monoxide (CO) Test On Residential Furnace	794.90	

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

01 95 06 00-0001		**Residential Wood Hand Rails** *(01 95 06)*		
01 95 06 00-0002	EA	Brackets For Residential Hand Rails	44.86	14.00
01 95 06 00-0003	LF	2-1/4" x 2-3/8" Residential Oak Colonial Handrail	23.05	7.97
01 95 06 00-0004	LF	2-1/4" x 2-3/8" Residential Hemlock Colonial Handrail	20.47	7.97
01 95 06 00-0005	LF	2-1/4" x 2-3/8" Residential Poplar Colonial Handrail	22.86	7.97
01 95 06 00-0006	LF	1-5/8" x 1-1/16" Residential Pine Oval Handrail	16.90	7.97
01 95 06 00-0007	LF	1-1/4" x 2-1/4" Residential Pine Oval Handrail	16.99	7.97
01 95 06 00-0008	LF	2-1/4" x 1-5/16" Residential Poplar Oval Handrail	17.84	7.97
01 95 06 00-0009	LF	1-3/4" x 1-5/8" Residential Oak Oval Handrail	19.27	7.97
01 95 06 00-0010	LF	2-1/4" x 1-1/2" Residential Oak Oval Handrail	19.53	7.97
01 95 06 00-0011		**Residential Cabinets** *(01 95 06)* Note: Cabinets meet Los Angeles County Housing Authority Specifications and include installation, all moldings, fasteners, caulking, and hardware (hinges, drawer guides, door pulls, etc). While all items associated with this task may not be listed this task is for complete and in place construction.		
01 95 06 00-0012		**Residential Base Cabinets** *(01 95 06 00-0011)* Note: Excludes tops.		
01 95 06 00-0013		**Residential Base Cabinets, Single Drawer And Single Door** *(01 95 06 00-0012)* Note: Use these cabinets for Universal Access (32-1/2" high with 8-1/2" kick) applications.		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 06 00-0014	EA	Up To 15" Wide, 34-1/2" High x 24" Deep, Single Drawer And Single Door, Residential Base Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Solid hardwood door panels. Excludes countertop.	351.59	64.91
		For 3 Drawer Unit, Add	*103.62*	
		For 4 Drawer Unit, Add	*129.52*	
01 95 06 00-0015	EA	>15" To 18" Wide, 34-1/2" High x 24" Deep, Single Drawer And Single Door, Residential Base Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Solid hardwood door panels. Excludes countertop.	383.74	79.72
		For 3 Drawer Unit, Add	*108.09*	
		For 4 Drawer Unit, Add	*135.11*	
01 95 06 00-0016	EA	>18" To 21" Wide, 34-1/2" High x 24" Deep, Single Drawer And Single Door, Residential Base Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Solid hardwood door panels. Excludes countertop.	421.08	91.11
		For 3 Drawer Unit, Add	*116.50*	
		For 4 Drawer Unit, Add	*145.63*	
01 95 06 00-0017	EA	>21" To 24" Wide, 34-1/2" High x 24" Deep, Single Drawer And Single Door, Residential Base Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Solid hardwood door panels. Excludes countertop.	452.65	105.91
		For 3 Drawer Unit, Add	*120.71*	
		For 4 Drawer Unit, Add	*150.89*	
01 95 06 00-0018		Residential Base Cabinets, Double Drawer And Double Door *(01 95 06 00-0012)* Note: Use these cabinets for Universal Access (32-1/2" high with 8-1/2" kick) applications.		
01 95 06 00-0019	EA	24" To 27" Wide, 34-1/2" High x 24" Deep, Double Drawer And Double Door, Residential Base Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Solid hardwood door panels. Excludes countertop.	553.60	87.12
		For 3 Drawer Unit, Add	*37.94*	
		For Sink Base With Sink Front (No Drawer), Deduct	*-56.90*	
01 95 06 00-0020	EA	>27" To 30" Wide, 34-1/2" High x 24" Deep, Double Drawer And Double Door, Residential Base Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Solid hardwood door panels. Excludes countertop.	578.61	93.38
		For 3 Drawer Unit, Add	*39.19*	
		For Sink Base With Sink Front (No Drawer), Deduct	*-58.78*	
01 95 06 00-0021	EA	>30" To 33" Wide, 34-1/2" High x 24" Deep, Double Drawer And Double Door, Residential Base Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Solid hardwood door panels. Excludes countertop.	598.94	95.66
		For 3 Drawer Unit, Add	*40.76*	
		For Sink Base With Sink Front (No Drawer), Deduct	*-61.14*	
01 95 06 00-0022	EA	>33" To 36" Wide, 34-1/2" High x 24" Deep, Double Drawer And Double Door, Residential Base Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Solid hardwood door panels. Excludes countertop.	617.31	97.93
		For 3 Drawer Unit, Add	*42.14*	
		For Sink Base With Sink Front (No Drawer), Deduct	*-63.22*	
01 95 06 00-0023	EA	>36" To 42" Wide, 34-1/2" High x 24" Deep, Double Drawer And Double Door, Residential Base Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Solid hardwood door panels. Excludes countertop.	676.64	105.91
		For 3 Drawer Unit, Add	*46.48*	
		For Sink Base With Sink Front (No Drawer), Deduct	*-69.72*	
01 95 06 00-0024	EA	>42" To 48" Wide, 34-1/2" High x 24" Deep, 2 Drawer And 2 Door, Residential Base Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Solid hardwood door panels. Excludes countertop.	736.20	119.58
		For 3 Drawer Unit, Add	*49.70*	
		For Sink Base With Sink Front (No Drawer), Deduct	*-74.56*	
01 95 06 00-0025		Residential Vanity Bases *(01 95 06 00-0012)*		
01 95 06 00-0026	EA	18" Wide, 32-1/2" High x 21" Deep, Single Door, Residential Vanity Base Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Solid hardwood door panels. Excludes countertop.	429.06	84.72
01 95 06 00-0027	EA	21" Wide, 32-1/2" High x 21" Deep, Single Door, Residential Vanity Base Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Solid hardwood door panels. Excludes countertop.	463.48	94.30
01 95 06 00-0028	EA	24" Wide, 32-1/2" High x 21" Deep, Double Door, Residential Vanity Base Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Solid hardwood door panels. Excludes countertop.	490.24	98.16
01 95 06 00-0029	EA	30" Wide, 32-1/2" High x 21" Deep, Double Door, Residential Vanity Base Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Solid hardwood door panels. Excludes countertop.	576.32	119.58
01 95 06 00-0030	EA	36" Wide, 32-1/2" High x 21" Deep, Double Door, Residential Vanity Base Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Solid hardwood door panels. Excludes countertop.	605.91	119.58
01 95 06 00-0031	EA	42" Wide, 32-1/2" High x 21" Deep, Double Door, Residential Vanity Base Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Solid hardwood door panels. Excludes countertop.	636.81	119.58
01 95 06 00-0032		Residential Wall Cabinets *(01 95 06 00-0011)*		
01 95 06 00-0033		36" High x 13" Deep, Residential Wall Cabinets *(01 95 06 00-0032)*		
01 95 06 00-0034		Single Door Type Units *(01 95 06 00-0033)*		
01 95 06 00-0035	EA	Up To 15" Wide, 36" High x 13" Deep, Single Door, Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	382.55	81.99

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 06 00-0036	EA	>15" To 18" Wide, 36" High x 13" Deep, Single Door, Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	403.83	83.71
01 95 06 00-0037	EA	>18" To 24" Wide, 36" High x 13" Deep, Single Door, Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	426.59	86.54
01 95 06 00-0038		Double Door Type Units *(01 95 06 00-0033)*		
01 95 06 00-0039	EA	Up To 27" Wide, 36" High x 13" Deep, Double Door, Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	515.38	95.66
01 95 06 00-0040	EA	>27" To 30" Wide, 36" High x 13" Deep, Double Door, Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	557.05	104.77
01 95 06 00-0041	EA	>30" To 36" Wide, 36" High x 13" Deep, Double Door, Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	601.76	107.04
01 95 06 00-0042	EA	>36" To 42" Wide, 36" High x 13" Deep, Double Door, Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	658.45	111.03
01 95 06 00-0043	EA	>42" To 48" Wide, 36" High x 13" Deep, Double Door, Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	687.10	116.15
01 95 06 00-0044		30" High x 13" Deep, Residential Wall Cabinets *(01 95 06 00-0032)*		
01 95 06 00-0045		Single Door Type Units *(01 95 06 00-0044)*		
01 95 06 00-0046	EA	Up To 12" Wide, 30" High x 13" Deep, Single Door, Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	275.22	64.77
01 95 06 00-0047	EA	>12" To 15" Wide, 30" High x 13" Deep, Single Door, Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	281.32	67.56
01 95 06 00-0048	EA	>15" To 18" Wide, 30" High x 13" Deep, Single Door, Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	301.58	68.99
01 95 06 00-0049	EA	>18" To 24" Wide, 30" High x 13" Deep, Single Door, Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	327.67	71.43
01 95 06 00-0050		Double Door Type Units *(01 95 06 00-0044)*		
01 95 06 00-0051	EA	Up To 27" Wide, 30" High x 13" Deep, Double Door, Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	365.09	72.95
01 95 06 00-0052	EA	>27" To 30" Wide, 30" High x 13" Deep, Double Door, Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	386.44	74.76
01 95 06 00-0053	EA	>30" To 36" Wide, 30" High x 13" Deep, Double Door, Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	419.62	76.56
01 95 06 00-0054	EA	>36" To 42" Wide, 30" High x 13" Deep, Double Door, Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	454.76	78.35
01 95 06 00-0055	EA	>42" To 48" Wide, 30" High x 13" Deep, Double Door, Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	474.31	79.26
01 95 06 00-0056		24" High x 13" Deep, Residential Wall Cabinets *(01 95 06 00-0032)*		
01 95 06 00-0057		Double Door Type Units *(01 95 06 00-0056)*		
01 95 06 00-0058	EA	Up To 27" Wide, 24" High x 13" Deep, Double Door, Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	331.29	59.22
01 95 06 00-0059	EA	>27" To 30" Wide, 24" High x 13" Deep, Double Door, Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	350.11	62.07
01 95 06 00-0060	EA	>30" To 36" Wide, 24" High x 13" Deep, Double Door, Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	380.57	63.88
01 95 06 00-0061	EA	>36" To 42" Wide, 24" High x 13" Deep, Double Door, Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	413.35	64.91
01 95 06 00-0062		15" High x 13" Deep, Residential Wall Cabinets *(01 95 06 00-0032)*		
01 95 06 00-0063		Double Door Type Units *(01 95 06 00-0062)*		
01 95 06 00-0064	EA	Up To 30" Wide, 15" High x 13" Deep, Double Door, Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	288.89	55.80
01 95 06 00-0065	EA	>30" To 36" Wide, 15" High x 13" Deep, Double Door, Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	318.11	63.88
01 95 06 00-0066	EA	>36" To 39" Wide, 15" High x 13" Deep, Double Door, Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	334.62	63.88
01 95 06 00-0067		12" High x 13" Deep, Residential Wall Cabinets *(01 95 06 00-0032)*		
01 95 06 00-0068	EA	Up To 30" Wide, 12" High x 13" Deep, Double Door, Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	289.40	35.08
01 95 06 00-0069	EA	>30" To 39" Wide, 12" High x 13" Deep, Double Door, Residential Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.	335.08	26.31
01 95 06 00-0070		Full Height Wall Cabinets *(01 95 06 00-0032)*		
01 95 06 00-0071	LF	Up To 8' Tall x 13" Deep, Full Height Wall Cabinet	547.21	23.04
		For 2x4 Blocking, Add *Note: Includes blocking top and bottom of cabinet, materials, fasteners and cutting and patching drywall to match.*	*23.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 06 00-0072	LF	Up To 8' Tall x 24" Deep, Full Height Wall Cabinet	600.96	26.50
		For 2x4 Blocking, Add	*23.23*	
		Note: Includes blocking top and bottom of cabinet, materials, fasteners and cutting and patching drywall to match.		
01 95 06 00-0073		Residential Cabinet Accessories *(01 95 06 00-0011)*		
01 95 06 00-0074	EA	Residential, Single Door Wall Corner Cabinet With Shelving	740.87	128.06
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.		
01 95 06 00-0075	EA	Residential, Single Door Wall Lazy Susan With Cabinet Enclosure	851.32	128.06
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.		
01 95 06 00-0076	EA	Residential, Base Corner Cabinet	725.07	51.22
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels. Excludes countertop.		
01 95 06 00-0077	EA	Residential, Broom/Utility Cabinet	939.74	73.19
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.		
01 95 06 00-0078	EA	Residential, Base Range Cabinet	854.60	42.69
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.		
01 95 06 00-0079	EA	Residential, Microwave Cabinet	351.67	34.15
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Solid hardwood door panels.		
01 95 06 00-0080		Residential Cabinet Repairs *(01 95 06 00-0011)*		
01 95 06 00-0081	EA	Removal And Replacement Of Residential Cabinet Door	104.98	
		Note: Includes all hardware.		
01 95 06 00-0082	EA	Removal And Replacement Of Residential Cabinet Drawer	126.05	
		Note: Includes all hardware.		
01 95 06 00-0083	PR	Removal And Replacement Of Residential Drawer Guides	52.87	
01 95 06 00-0084	EA	Removal And Replacement Of Residential Knob/Pull	32.07	
01 95 06 00-0085	PR	Removal And Replacement Of Residential Hinges	25.50	
01 95 06 00-0086		Residential Stair Parts *(01 95 06)*		
01 95 06 00-0087	LF	Removal And Replacement Of Residential Pine Stair Treads	29.45	
01 95 06 00-0088	LF	Removal And Replacement Of Residential Oak Stair Treads	46.09	
01 95 06 00-0089	LF	Removal And Replacement Of Residential Pine Stair Risers	27.16	
01 95 06 00-0090	LF	Removal And Replacement Of Residential Oak Stair Risers	36.65	
01 95 06 00-0091	EA	Re-Anchor Residential Stairs Bracket	88.27	
01 95 06 00-0092		Residential Finish Carpentry And Wood Casings *(01 95 06)*		
01 95 06 00-0093	LF	5/8" x 3-1/4" Residential Primed Finger Joint Casing	7.12	2.03
01 95 06 00-0094	LF	11/16" x 2-1/4" Residential Primed Finger Joint Casing	5.76	2.03
01 95 06 00-0095	LF	11/16" x 3-1/4" Residential Pine Casing	6.00	2.03

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

01 95 07 00-0001		Residential Siding *(01 95 07)*		
		See CSI section 06 65 00 00-0048 for PVC Trim, 07 46 33 00-0001 for vinyl siding.		
01 95 07 00-0002		Residential Roofing *(01 95 07)*		
01 95 07 00-0003		Aluminum Drip Edge *(01 95 07 00-0002)*		
		See CSI section 07 62 19 00-0002 for drip edge.		
01 95 07 00-0004	LF	0.031" Thick, Residential Vented Aluminum Drip Edge, 6-1/2" Shingle Underlay, Painted Finish	8.62	1.18
01 95 07 00-0005		Flashing *(01 95 07 00-0002)*		
01 95 07 00-0006	SF	Residential Aluminum Valley Flashing	38.76	3.27
01 95 07 00-0007	SF	Residential Aluminum Step Flashing	41.24	4.05
01 95 07 00-0008	SF	Residential Copper Step Flashing	29.11	5.75
01 95 07 00-0009		Roofing *(01 95 07 00-0002)*		
01 95 07 00-0010	SQ	Solar Reflective Shingles, CertainTeed Landmark Colaris	655.77	211.91
01 95 07 00-0011		Hip And Ridge Vent *(01 95 07 00-0002)*		
		See CSI section 07 31 13 13-0020 for hip and ridge vent.		
01 95 07 00-0012		Temporary Roof Cover *(01 95 07 00-0002)*		
		Note: Includes tarp, sand bags, ropes, tape, deck screws and wood slats as necessary. Includes removal after use. See CSI section 07 31 13 13-0020 for hip and ridge vent.		
01 95 07 00-0013	SF	Temporary Plastic Sheeting, Applied To Roofing	1.16	

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

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

01 95 08 00-0001 Residential Exterior Doors *(01 95 08)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 08 00-0002		**Steel Exterior Residential Door Slab** *(01 95 08 00-0001)*		
		Note: Primed galvanized steel skin with polystyrene core door.		
01 95 08 00-0003	EA	24 Gauge Flush Steel Exterior Residential Door Slab	345.05	59.78
		For 12" x 12" Vision Light, Add	*74.12*	
		For 20 Minute Fire Rating, Add	*2.25*	
		For 90 Minute Fire Rating, Add	*20.29*	
01 95 08 00-0004	EA	24 Gauge Six Panel Steel Exterior Residential Door Slab	363.41	59.78
		For Fan Or Nine Lite, Add	*60.36*	
		For 20 Minute Fire Rating, Add	*2.44*	
		For 90 Minute Fire Rating, Add	*21.94*	
01 95 08 00-0005	EA	22 Gauge Flush Steel Exterior Residential Door Slab	519.89	62.63
		For 12" x 12" Vision Light, Add	*74.12*	
		For 20 Minute Fire Rating, Add	*3.95*	
		For 90 Minute Fire Rating, Add	*548.52*	
01 95 08 00-0006	EA	22 Gauge Six Panel Steel Exterior Residential Door Slab	531.87	62.63
		For Fan Or Nine Lite, Add	*60.36*	
		For 20 Minute Fire Rating, Add	*4.07*	
		For 90 Minute Fire Rating, Add	*565.17*	
01 95 08 00-0007		**Pre-Hung Steel Exterior Residential Doors** *(01 95 08 00-0001)*		
		Note: Primed galvanized steel skin with polystyrene core door. Primed galvanized steel skin and wood frame.		
01 95 08 00-0008	EA	25 Gauge Flush Pre-Hung (Or Slab Only) Steel Exterior Residential Doors	431.76	79.72
		For 12" x 12" Vision Light, Add	*74.12*	
		For 20 Minute Fire Rating, Add	*155.23*	
		For 90 Minute Fire Rating, Add	*359.48*	
01 95 08 00-0009	EA	25 Gauge Six Panel Pre-Hung (Or Slab Only) Steel Exterior Residential Doors	457.59	79.72
		For Fan Or Nine Lite, Add	*60.36*	
		For 20 Minute Fire Rating, Add	*169.95*	
		For 90 Minute Fire Rating, Add	*393.57*	
01 95 08 00-0010	EA	24 Gauge Flush Pre-Hung Steel Exterior Residential Doors	645.62	85.41
		For 12" x 12" Vision Light, Add	*74.12*	
		For 20 Minute Fire Rating, Add	*18.99*	
		For 90 Minute Fire Rating, Add	*280.13*	
01 95 08 00-0011	EA	24 Gauge Six Panel Pre-Hung Steel Exterior Residential Doors	662.90	85.41
		For Fan Or Nine Lite, Add	*60.36*	
		For 20 Minute Fire Rating, Add	*19.68*	
		For 90 Minute Fire Rating, Add	*290.33*	
01 95 08 00-0012	EA	22 Gauge Flush Pre-Hung Steel Exterior Residential Doors	777.94	91.11
		For 12" x 12" Vision Light, Add	*74.12*	
		For 20 Minute Fire Rating, Add	*23.83*	
		For 90 Minute Fire Rating, Add	*583.82*	
01 95 08 00-0013	EA	22 Gauge Six Panel Pre-Hung Steel Exterior Residential Doors	802.47	91.11
		For Fan Or Nine Lite, Add	*60.36*	
		For 20 Minute Fire Rating, Add	*24.81*	
		For 90 Minute Fire Rating, Add	*607.85*	
01 95 08 00-0014		**Fiberglass Exterior Residential Door Slab** *(01 95 08 00-0001)*		
01 95 08 00-0015	EA	Flush Fiberglass Exterior Residential Doors	429.43	59.78
		For 12" x 12" Vision Light, Add	*74.12*	
		For 20 Minute Fire Rating, Add	*3.10*	
01 95 08 00-0016	EA	Six Panel Fiberglass Exterior Residential Doors	429.59	59.78
		For Fan Or Nine Lite, Add	*60.36*	
		For 20 Minute Fire Rating, Add	*133.30*	
01 95 08 00-0017		**Pre-Hung Fiberglass Exterior Residential Doors** *(01 95 08 00-0001)*		
01 95 08 00-0018	EA	Flush Pre-Hung Fiberglass Exterior Residential Doors	725.02	85.41
		For Fan Or Nine Lite, Add	*60.36*	
		For 20 Minute Fire Rating, Add	*94.21*	
01 95 08 00-0019	EA	Six Panel Pre-Hung Fiberglass Exterior Residential Doors	725.18	85.41
		For Fan Or Nine Lite, Add	*60.36*	
		For 20 Minute Fire Rating, Add	*144.13*	
01 95 08 00-0020		**Residential Interior Doors** *(01 95 08)*		
01 95 08 00-0021		**Birch Faced Hollow Core Flush Door Slab** *(01 95 08 00-0020)*		
		Note: Includes preparing door for lockset and hinges.		
01 95 08 00-0022	EA	2'-4", 1-3/8" Unfinished, Birch Faced, Hollow Core, Residential Flush Door Slab	176.41	51.82
01 95 08 00-0023	EA	2'-6", 1-3/8" Unfinished, Birch Faced, Hollow Core, Residential Flush Door Slab	177.55	52.38
01 95 08 00-0024	EA	2'-8", 1-3/8" Unfinished, Birch Faced, Hollow Core, Residential Flush Door Slab	181.04	52.96
01 95 08 00-0025	EA	3'-0", 1-3/8" Unfinished, Birch Faced, Hollow Core, Residential Flush Door Slab	186.86	53.52
01 95 08 00-0026		**Lauan Faced Hollow Core Flush Door Slab** *(01 95 08 00-0020)*		
		Note: Includes preparing door for lockset and hinges.		
01 95 08 00-0027	EA	1'-6", 1-3/8" Unfinished, Lauan Faced, Hollow Core, Residential Flush Door Slab	140.41	45.55
01 95 08 00-0028	EA	2'-0", 1-3/8" Unfinished, Lauan Faced, Hollow Core, Residential Flush Door Slab	151.79	51.25
01 95 08 00-0029	EA	2'-4", 1-3/8" Unfinished, Lauan Faced, Hollow Core, Residential Flush Door Slab	159.97	51.82
01 95 08 00-0030	EA	2'-6", 1-3/8" Unfinished, Lauan Faced, Hollow Core, Residential Flush Door Slab	163.46	52.38
01 95 08 00-0031	EA	2'-8", 1-3/8" Unfinished, Lauan Faced, Hollow Core, Residential Flush Door Slab	166.95	52.96
01 95 08 00-0032	EA	3'-0", 1-3/8" Unfinished, Lauan Faced, Hollow Core, Residential Flush Door Slab	170.43	53.52

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 08 00-0033		**Lauan Faced Solid Core Flush Door Slab** *(01 95 08 00-0020)*		
		Note: Includes preparing door for lockset and hinges.		
01 95 08 00-0034	EA	2'-8", 1-3/8" Unfinished, Lauan Faced, Solid Core, Residential Flush Door Slab	218.60	52.96
01 95 08 00-0035	EA	3'-0", 1-3/8" Unfinished, Lauan Faced, Solid Core, Residential Flush Door Slab	224.42	53.52
01 95 08 00-0036		**High-Density Fiberboard Hollow Core Six Panel Door Slab** *(01 95 08 00-0020)*		
		Note: Includes preparing door for lockset and hinges.		
01 95 08 00-0037	EA	2'-0", 1-3/8" Primed, High-Density Fiberboard Hardboard, Hollow Core, Six Panel Residential Door Slab	177.62	51.25
01 95 08 00-0038	EA	2'-4", 1-3/8" Primed, High-Density Fiberboard Hardboard, Hollow Core, Six Panel Residential Door Slab	185.80	51.82
01 95 08 00-0039	EA	2'-6", 1-3/8" Primed, High-Density Fiberboard Hardboard, Hollow Core, Six Panel Residential Door Slab	186.94	52.38
01 95 08 00-0040	EA	2'-8", 1-3/8" Primed, High-Density Fiberboard Hardboard, Hollow Core, Six Panel Residential Door Slab	192.77	52.96
01 95 08 00-0041	EA	3'-0", 1-3/8" Primed, High-Density Fiberboard Hardboard, Hollow Core, Six Panel Residential Door Slab	198.60	53.52
01 95 08 00-0042		**Pre-Hung Lauan Faced Hollow Core Flush Door Slab And Frame** *(01 95 08 00-0020)*		
		Note: Includes hinges.		
01 95 08 00-0043	EA	2'-0", Pre-Hung 1-3/8" Unfinished, Lauan Faced, Hollow Core, Residential Flush Door And Frame	255.04	71.17
01 95 08 00-0044	EA	2'-4", Pre-Hung 1-3/8" Unfinished, Lauan Faced, Hollow Core, Residential Flush Door And Frame	260.24	72.60
01 95 08 00-0045	EA	2'-6", Pre-Hung 1-3/8" Unfinished, Lauan Faced, Hollow Core, Residential Flush Door And Frame	267.77	74.02
01 95 08 00-0046	EA	2'-8", Pre-Hung 1-3/8" Unfinished, Lauan Faced, Hollow Core, Residential Flush Door And Frame	275.32	75.45
01 95 08 00-0047	EA	3'-0", Pre-Hung 1-3/8" Unfinished, Lauan Faced, Hollow Core, Residential Flush Door And Frame	282.86	76.87
01 95 08 00-0048		**Pre-Hung High-Density Fiberboard Hollow Core Six Panel Door And Frame** *(01 95 08 00-0020)*		
		Note: Includes hinges.		
01 95 08 00-0049	EA	1'-6", Pre-Hung 1-3/8" Primed, High-Density Fiberboard Hardboard, Hollow Core, Six Panel Residential Door And Frame	279.86	68.33
01 95 08 00-0050	EA	2'-0", Pre-Hung 1-3/8" Primed, High-Density Fiberboard Hardboard, Hollow Core, Six Panel Residential Door And Frame	290.26	71.17
01 95 08 00-0051	EA	2'-4", Pre-Hung 1-3/8" Primed, High-Density Fiberboard Hardboard, Hollow Core, Six Panel Residential Door And Frame	307.19	72.60
01 95 08 00-0052	EA	2'-6", Pre-Hung 1-3/8" Primed, High-Density Fiberboard Hardboard, Hollow Core, Six Panel Residential Door And Frame	312.38	74.02
01 95 08 00-0053	EA	2'-8", Pre-Hung 1-3/8" Primed, High-Density Fiberboard Hardboard, Hollow Core, Six Panel Residential Door And Frame	319.92	75.45
01 95 08 00-0054	EA	3'-0", Pre-Hung 1-3/8" Primed, High-Density Fiberboard Hardboard, Hollow Core, Six Panel Residential Door And Frame	327.47	76.87
01 95 08 00-0055		**Residential Bi-Fold And Bi-Pass Doors** *(01 95 08)*		
		See CSI section 08 13 76 00-0001 for bi-fold metal doors, 08 14 76 00-0001 for bi-fold wood doors.		
01 95 08 00-0056		**Residential Security Screens** *(01 95 08)*		
01 95 08 00-0057	EA	Heavy-Duty Aluminum Residential Security Screen Door, 0.028" Stainless Mesh, Hardware (Tapco Or Equal)	888.59	174.91
		For Powder Coated Color, Add	*19.71*	
01 95 08 00-0058	EA	Heavy-Duty Steel Residential Security Screen Door, 0.028" Stainless Steel Mesh, Powder Coated Color And Hardware (Summitt Or Rusco Or Equal)	887.54	174.91
01 95 08 00-0059		**Residential Door Hardware** *(01 95 08)*		
		See CSI section 08 71 11 00-2428 for residential locks and latches, 08 71 11 00-2444 for deadbolts.		
01 95 08 00-0060	PR	Exterior Residential Grade Door Hinges	69.26	11.47
01 95 08 00-0061	PR	Interior Residential Grade Door Hinges	56.16	11.47
01 95 08 00-0062	EA	4" Modern Bright Brass Surface Bolt, Residential	49.08	12.62
01 95 08 00-0063	EA	6" Modern Bright Brass Surface Bolt, Residential	53.04	12.62
01 95 08 00-0064	EA	4" Modern Satin Chrome Surface Bolt, Residential	52.77	12.62
01 95 08 00-0065	EA	6" Modern Satin Chrome Surface Bolt, Residential	57.26	12.62
01 95 08 00-0066	EA	Mortise Entry Lockset With Lever Handle, Schlage L9000-06A	780.99	28.67
01 95 08 00-0067	EA	Interior Lockset With Knobs, Schlage Rhode Design "D" Series	547.10	53.22
01 95 08 00-0068	EA	Interior Lockset With Knobs, Schlage Levon Design "A" Series	387.53	53.22
01 95 08 00-0069		**Residential Door Accessories** *(01 95 08)*		
01 95 08 00-0070	EA	Residential Chain Door Guard	54.85	11.38
01 95 08 00-0071	EA	Residential Wall Mounted Door Bumper	28.09	5.70
01 95 08 00-0072	OPNG	Residential Weatherstripping	90.25	9.96
01 95 08 00-0073	EA	Residential Aluminum Threshold	60.71	9.96
01 95 08 00-0074	EA	Residential Wood Threshold	65.36	9.96
01 95 08 00-0075		**Residential Window Repair** *(01 95 08)*		
		Note: Includes self adhering butyl rubber tape flashing at perimeter.		
01 95 08 00-0076	EA	Removal And Replacement Of Residential Window Sash Locks	17.63	
01 95 08 00-0077	EA	Removal And Replacement Of Residential Window Lifts/Handles	16.96	
01 95 08 00-0078	EA	Removal And Replacement Of Residential Window Balance, Complete (Per Balance) Note: Includes bracket, guides and support hardware.	21.19	
01 95 08 00-0079	EA	Removal And Replacement Of Residential Casement Window Fasteners	17.33	
01 95 08 00-0080	EA	Removal And Replacement Of Residential Window Hooks	14.36	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 08 00-0081	SF	Removal And Replacement Of Residential Fiberglass Window Insect Screens	5.27	
01 95 08 00-0082	SF	Removal And Replacement Of Residential Aluminum Window Insect Screens	5.30	
01 95 08 00-0083		**Residential Window Barrier** *(01 95 08)*		
01 95 08 00-0084	SF	Inoperable/Fixed, 12 Mesh (0.028") Stainless Steel Wire Cloth Infill, Level 5, Steel Narrowline Residential Security Screen (Kane SNR5Z)	28.36	0.74
01 95 08 00-0085	SF	Operable, 12 Mesh (0.028") Stainless Steel Wire Cloth Infill, Level 5, Steel Narrowline Residential Security Screen (Kane SNR50)	42.83	0.74

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

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

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

01 95 09 00-0002	GSF	One Coat Paint - Efficiency Unit	2.80
01 95 09 00-0003	GSF	One Coat Paint - One Bedroom Unit	2.76
01 95 09 00-0004	GSF	One Coat Paint - Two Bedroom Unit	2.72
01 95 09 00-0005	GSF	One Coat Paint - Three Bedroom Unit	2.67
01 95 09 00-0006	GSF	One Coat Paint - Four Bedroom Unit	2.62
01 95 09 00-0007	GSF	One Coat Paint - Five Bedroom Unit	2.58
01 95 09 00-0008	GSF	One Coat Paint - Six Bedroom Unit	2.53
01 95 09 00-0009	GSF	Two Coats Paint - Efficiency Unit	3.73
01 95 09 00-0010	GSF	Two Coats Paint - One Bedroom Unit	3.64
01 95 09 00-0011	GSF	Two Coats Paint - Two Bedroom Unit	3.60
01 95 09 00-0012	GSF	Two Coats Paint - Three Bedroom Unit	3.55
01 95 09 00-0013	GSF	Two Coats Paint - Four Bedroom Unit	3.50
01 95 09 00-0014	GSF	Two Coats Paint - Five Bedroom Unit	3.46
01 95 09 00-0015	GSF	Two Coats Paint - Six Bedroom Unit	3.42
01 95 09 00-0016	GSF	Paint Entire Residential Unit Complete Note: Includes doors, walls, moldings, kitchen, ceilings, etc. Includes preparation. Per SF of floor area. Combination semi-gloss and eggshell. Two coats paint or one coat primer and one coat paint.	6.55	
		For Each Additional Coat, Add	*2.37*	
01 95 09 00-0017	GSF	Paint Entire Residential Unit Complete Excluding Doors Note: Includes walls, moldings, kitchen, ceilings, etc. Includes preparation. Per SF of floor area. Combination semi-gloss and eggshell. Two coats paint or one coat primer and one coat paint.	6.02	
		For Each Additional Coat, Add	*2.18*	
01 95 09 00-0018	SF	Paint Exterior Stucco Walls, 1 Coat Primer, Brush Roller Work	1.14	
		For Work >20' To 30' Above Floor, Add *Note: Applied only to work area above 20'.*	*0.22*	
		For Up To 100, Add	*0.69*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
01 95 09 00-0019	SF	Paint Exterior Stucco Walls, 2 Coats Paint, Brush Roller Work	2.39	
		For Work >20' To 30' Above Floor, Add *Note: Applied only to work area above 20'.*	*0.44*	
		For Up To 100, Add	*1.40*	
		For >100 To 250, Add	*0.67*	
		For >250 To 500, Add	*0.29*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.24*	
		For >10,000 To 20,000, Deduct	*-0.36*	
		For >20,000, Deduct	*-0.48*	
01 95 09 00-0020	SF	Paint Interior Plaster/Drywall Walls, 1 Coat Primer, Brush Roller Work	0.74	
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
01 95 09 00-0021	SF	Paint Interior Plaster/Drywall Walls, 2 Coats Paint, Brush Roller Work	1.50	
		For Up To 100, Add	*0.94*	
		For >100 To 250, Add	*0.45*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.30*	
01 95 09 00-0022	SF	Paint Interior Drywall/Plaster Ceiling, 1 Coat Primer, Brush Roller Work	0.87	
		For Up To 100, Add	*0.55*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 09 00-0023	SF	Paint Interior Drywall/Plaster Ceiling, 2 Coats Paint, Brush Roller Work	1.60	
		For Up To 100, Add	*1.03*	
		For >100 To 250, Add	*0.49*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.32*	
01 95 09 00-0024	EA	Paint Door, Each Face, 1 Coat Primer, Brush Roller Work	51.34	
		For >5 To 10, Deduct	*-2.57*	
		For >10 To 25, Deduct	*-5.13*	
		For >25, Deduct	*-7.70*	
01 95 09 00-0025	EA	Paint Door, Each Face, 2 Coats Paint, Brush Roller Work	91.63	
		For >5 To 10, Deduct	*-4.58*	
		For >10 To 25, Deduct	*-9.16*	
		For >25, Deduct	*-13.74*	
01 95 09 00-0026	LF	Paint Door Frame And Trim, 1 Coat Primer, Brush Roller Work	1.16	
01 95 09 00-0027	LF	Paint Door Frame And Trim, 2 Coats Paint, Brush Roller Work	2.54	
01 95 09 00-0028		**Residential Flooring** *(01 95 09)*		
01 95 09 00-0029		**Luxury Vinyl Tile (LVT) (Mohawk)** *(01 95 09 00-0028)*		
01 95 09 00-0030	SF	2.5mm, Resilient Flooring, Glue Down Luxury Vinyl Tile (LVT) (Centrato C0104)	5.88	1.41
		For >1,000 To 3,000, Deduct	*-0.13*	
		For >3,000 To 6,000, Deduct	*-0.32*	
		For >6,000, Deduct	*-0.57*	
		For Modified Urethane Adhesive (Armstrong S-1000) Instead Of Water-Based/Latex-Resin, Add	*0.79*	
01 95 09 00-0031	SF	2.5mm, Resilient Flooring, Glue Down Luxury Vinyl Tile (LVT) (Living Local C2039)	6.56	1.41
		For >1,000 To 3,000, Deduct	*-0.14*	
		For >3,000 To 6,000, Deduct	*-0.35*	
		For >6,000, Deduct	*-0.61*	
		For Modified Urethane Adhesive (Armstrong S-1000) Instead Of Water-Based/Latex-Resin, Add	*0.79*	
01 95 09 00-0032	SF	2.5mm, Resilient Flooring, Glue Down Luxury Vinyl Tile (LVT) (Morikato Stone C0016)	11.46	1.41
		For Up To 20, Add	*2.68*	
		For >20 To 40, Add	*1.63*	
		For >40 To 80, Add	*0.69*	
		For >1,000 To 3,000, Deduct	*-0.24*	
		For >3,000 To 6,000, Deduct	*-0.54*	
		For >6,000, Deduct	*-0.90*	
		For Modified Urethane Adhesive (Armstrong S-1000) Instead Of Water-Based/Latex-Resin, Add	*0.79*	
01 95 09 00-0033		**Carpet Tiles (Mohawk)** *(01 95 09 00-0028)*		
		Note: EcoFlex ICTbacked		
01 95 09 00-0034	SY	15 Ounce, Tufted, Nylon Carpet Tile (CEO II QB382)	39.84	5.66
		For >200 To 400, Deduct	*-0.52*	
		For >400 To 600, Deduct	*-0.78*	
		For >600 To 900, Deduct	*-1.51*	
		For >900 To 1,500, Deduct	*-2.23*	
		For >1,500 To 2,200, Deduct	*-3.29*	
		For >2,200 To 3,500, Deduct	*-4.29*	
		For >3,500, Deduct	*-5.28*	
01 95 09 00-0035	SY	15 Ounce, Tufted, Nylon Carpet Tile (Artist II QB380)	39.84	5.66
		For >200 To 400, Deduct	*-0.52*	
		For >400 To 600, Deduct	*-0.78*	
		For >600 To 900, Deduct	*-1.51*	
		For >900 To 1,500, Deduct	*-2.23*	
		For >1,500 To 2,200, Deduct	*-3.29*	
		For >2,200 To 3,500, Deduct	*-4.29*	
		For >3,500, Deduct	*-5.28*	
01 95 09 00-0036	SY	19 Ounce, Tufted, Nylon Carpet Tile (Doctor II QB381)	39.84	5.66
		For >200 To 400, Deduct	*-0.52*	
		For >400 To 600, Deduct	*-0.78*	
		For >600 To 900, Deduct	*-1.51*	
		For >900 To 1,500, Deduct	*-2.23*	
		For >1,500 To 2,200, Deduct	*-3.29*	
		For >2,200 To 3,500, Deduct	*-4.29*	
		For >3,500, Deduct	*-5.28*	
01 95 09 00-0037	SY	18 Ounce, Tufted, Nylon Carpet Tile (New Basics III BT400)	38.40	5.66
		For >200 To 400, Deduct	*-0.49*	
		For >400 To 600, Deduct	*-0.74*	
		For >600 To 900, Deduct	*-1.43*	
		For >900 To 1,500, Deduct	*-2.13*	
		For >1,500 To 2,200, Deduct	*-3.15*	
		For >2,200 To 3,500, Deduct	*-4.11*	
		For >3,500, Deduct	*-5.07*	
01 95 09 00-0038		**Broadloom Carpet (Mohawk)** *(01 95 09 00-0028)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 09 00-0039	SY	15 Ounce, Tufted Broadloom Carpet (CEO II BQ382)	36.03	23.23
		For Up To 15, Add	*3.10*	
		For >15 To 33, Add	*1.55*	
		For >200 To 400, Deduct	*-0.41*	
		For >400 To 600, Deduct	*-0.62*	
		For >600 To 900, Deduct	*-1.26*	
		For >900, Deduct	*-1.90*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
01 95 09 00-0040	SY	17 Ounce, Tufted Broadloom Carpet (Artist II BQ380)	36.03	23.23
		For Up To 15, Add	*3.10*	
		For >15 To 33, Add	*1.55*	
		For >200 To 400, Deduct	*-0.41*	
		For >400 To 600, Deduct	*-0.62*	
		For >600 To 900, Deduct	*-1.26*	
		For >900, Deduct	*-1.90*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
01 95 09 00-0041	SY	19 Ounce, Tufted Broadloom Carpet (Doctor II BQ381)	36.03	23.23
		For Up To 15, Add	*3.10*	
		For >15 To 33, Add	*1.55*	
		For >200 To 400, Deduct	*-0.41*	
		For >400 To 600, Deduct	*-0.62*	
		For >600 To 900, Deduct	*-1.26*	
		For >900, Deduct	*-1.90*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
01 95 09 00-0042		Resilient Sheet Flooring (Mohawk) *(01 95 09 00-0028)*		
01 95 09 00-0043	SF	0.080", 20 mil Wear Layer, Resilient Sheet Flooring (Mohawk Juniperous C2043)	5.91	0.70
01 95 09 00-0044	SF	0.080", 20 mil Wear Layer, Resilient Sheet Flooring (Mohawk Klei Firma C2047)	5.91	0.70

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

01 95 10 00-0001 Residential Toilet Accessories *(01 95 10)*

See CSI section 10 28 16 13-0001 for residential toilet accessories.

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

01 95 11 00-0001 Residential Kitchen Equipment *(01 95 11)*

See CSI section 11 30 13 00-0000 for residential appliances.

01 95 11 00-0002 Refrigerators *(01 95 11 00-0001)*

See CSI section 11 30 13 13-0042 for residential refrigerators.

01 95 11 00-0003 Ranges *(01 95 11 00-0001)*

See CSI section 11 30 13 13-0001 for ranges.

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

01 95 22 00-0001 Residential Plumbing *(01 95 22)*

01 95 22 00-0002 Residential Lavatory Faucets *(01 95 22 00-0001)*

See CSI section 22 41 39 00-0010 for residential kitchen faucets, 22 42 39 00-0024 for additional lavatory faucets.

01 95 22 00-0003	EA	Lavatory Faucet, Single Handle, Polished Chrome, Moen CAL4621	262.71	43.04

01 95 22 00-0004 Residential Bathroom Tub/Shower Faucets And Trim *(01 95 22 00-0001)*

01 95 22 00-0005	EA	Posi-Temp Single Handle Tub/Shower Chrome Shower Valve, Moen Chateau L2353	265.27	51.88

01 95 22 00-0006 Residential Preassembled Vanities With Tops *(01 95 22 00-0001)*

01 95 22 00-0007	EA	19" Preassembled Residential Vanity With Top (Glacier Bay GB18P2COM-WH)	365.68	98.16
01 95 22 00-0008	EA	24-1/2" Preassembled Residential Vanity With Top (Glacier Bay GB24P2COM-WH)	451.89	119.58
01 95 22 00-0009	EA	30-1/2" Preassembled Residential Vanity With Top (Glacier Bay GB30P2COM-WH)	550.11	125.27

01 95 22 00-0010 Residential Kitchen Faucets And Trim *(01 95 22 00-0001)*

See CSI section 22 41 39 00-0001 for residential kitchen faucets.

01 95 22 00-0011	EA	Kitchen Faucet, Single-Handle, Polished Chrome, Moen CA8710	264.75	59.78
01 95 22 00-0012	EA	Kitchen Faucet, Single-Handle, Polished Chrome, Moen #7300	274.52	59.78

01 95 22 00-0013 Residential Water Heaters Parts And Accessories *(01 95 22 00-0001)*

01 95 22 00-0014	EA	Removal And Replacement Of Residential Pressure And Temperature Valve	178.02	
01 95 22 00-0015	EA	Removal And Replacement Of Residential 9", 120 Volt, 1,500 Watt Screw-In Water Heater Element Note: Incoloy Nickel-base sheath elements.	134.17	
01 95 22 00-0016	EA	Removal And Replacement Of Residential 9", 208 Volt, 2,000 Watt Screw-In Water Heater Element Note: Incoloy Nickel-base sheath elements.	147.41	
01 95 22 00-0017	EA	Removal And Replacement Of Residential 16-1/2", 208 Volt, 3,000 Watt Screw-In Water Heater Element Note: Incoloy Nickel-base sheath elements.	201.41	
01 95 22 00-0018	EA	Removal And Replacement Of Residential 16-1/2", 208 Volt, 4,000 Watt Screw-In Water Heater Element Note: Incoloy Nickel-base sheath elements.	201.41	
01 95 22 00-0019	EA	Removal And Replacement Of Residential 16-1/2", 208 Volt, 4,500 Watt Screw-In Water Heater Element Note: Incoloy Nickel-base sheath elements.	202.24	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 22 00-0020	EA	Removal And Replacement Of Residential 16-1/2", 208 Volt, 5,000 Watt Screw-In Water Heater Element Note: Incoloy Nickel-base sheath elements.	208.03	
01 95 22 00-0021	EA	Removal And Replacement Of Residential 16-1/2", 208 Volt, 6,000 Watt Screw-In Water Heater Element Note: Incoloy Nickel-base sheath elements.	203.62	
01 95 22 00-0022	EA	Removal And Replacement Of Residential 9-1/4", 240 Volt, 1,000 Watt Screw-In Water Heater Element Note: Incoloy Nickel-base sheath elements.	127.27	
01 95 22 00-0023	EA	Removal And Replacement Of Residential 9", 240 Volt, 1,000 Watt Screw-In Water Heater Element Note: Incoloy Nickel-base sheath elements.	139.41	
01 95 22 00-0024	EA	Removal And Replacement Of Residential 11-1/2", 240 Volt, 2,000 Watt Screw-In Water Heater Element Note: Incoloy Nickel-base sheath elements.	141.87	
01 95 22 00-0025	EA	Removal And Replacement Of Residential 11", 240 Volt, 2,500 Watt Screw-In Water Heater Element Note: Incoloy Nickel-base sheath elements.	141.60	
01 95 22 00-0026	EA	Removal And Replacement Of Residential 13-1/2", 240 Volt, 3,000 Watt Screw-In Water Heater Element Note: Incoloy Nickel-base sheath elements.	155.64	
01 95 22 00-0027	EA	Removal And Replacement Of Residential 13-3/4", 240 Volt, 3,500 Watt Screw-In Water Heater Element Note: Incoloy Nickel-base sheath elements.	156.47	
01 95 22 00-0028	EA	Removal And Replacement Of Residential 16", 240 Volt, 4,000 Watt Screw-In Water Heater Element Note: Incoloy Nickel-base sheath elements.	190.10	
01 95 22 00-0029	EA	Removal And Replacement Of Residential 13-3/4", 240 Volt, 4,500 Watt Screw-In Water Heater Element Note: Incoloy Nickel-base sheath elements.	161.99	
01 95 22 00-0030	EA	Removal And Replacement Of Residential 16", 240 Volt, 5,000 Watt Screw-In Water Heater Element Note: Incoloy Nickel-base sheath elements.	195.34	
01 95 22 00-0031	EA	Removal And Replacement Of Residential 13-1/2", 240 Volt, 5,500 Watt Screw-In Water Heater Element Note: Incoloy Nickel-base sheath elements.	169.72	
01 95 22 00-0032	EA	Removal And Replacement Of Residential 16-1/2", 240 Volt, 6,000 Watt Screw-In Water Heater Element Note: Incoloy Nickel-base sheath elements.	192.31	
01 95 22 00-0033	EA	Removal And Replacement Of Residential 16-1/2", 277 Volt, 3,000 Watt Screw-In Water Heater Element Note: Incoloy Nickel-base sheath elements.	206.38	
01 95 22 00-0034	EA	Removal And Replacement Of Residential 16-1/2", 277 Volt, 4,500 Watt Screw-In Water Heater Element Note: Incoloy Nickel-base sheath elements.	214.93	
01 95 22 00-0035	EA	Removal And Replacement Of Residential 16", 480 Volt, 2,000 Watt Screw-In Water Heater Element Note: Incoloy Nickel-base sheath elements.	176.58	
01 95 22 00-0036	EA	Removal And Replacement Of Residential 16-1/2", 480 Volt, 3,000 Watt Screw-In Water Heater Element Note: Incoloy Nickel-base sheath elements.	205.83	
01 95 22 00-0037	EA	Removal And Replacement Of Residential 16-1/2", 480 Volt, 4,000 Watt Screw-In Water Heater Element Note: Incoloy Nickel-base sheath elements.	215.21	
01 95 22 00-0038	EA	Removal And Replacement Of Residential 16-1/2", 480 Volt, 4,500 Watt Screw-In Water Heater Element Note: Incoloy Nickel-base sheath elements.	216.03	
01 95 22 00-0039	EA	Removal And Replacement Of Residential 16-1/2", 480 Volt, 5,000 Watt Screw-In Water Heater Element Note: Incoloy Nickel-base sheath elements.	216.03	
01 95 22 00-0040	EA	Removal And Replacement Of Residential 16-1/2", 480 Volt, 6,000 Watt Screw-In Water Heater Element Note: Incoloy Nickel-base sheath elements.	211.34	

01 95 22 00-0041 Residential Domestic Water Heater *(01 95 22 00-0001)*

01 95 22 00-0042	EA	40 Gallon, Gas Domestic Water Heater; Bradford White M-I-5036FBN	1,420.01	236.12
01 95 22 00-0043	EA	38 Gallon, Gas Domestic Water Heater; Rheem #563688	1,488.02	236.12

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

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

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

Note: All units based on output.

01 95 23 00-0003	EA	35 MBH Top Vent Natural Gas Furnace; Williams Monterey #3509622 Note: Blower cooling capacity up to 3 tons.	1,673.57	105.41

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

01 95 23 00-0005	EA	Removal And Replacement Of Residential Motor Blower Assembly	258.55	
01 95 23 00-0006	EA	Removal And Replacement Of Residential Blower Assembly	883.30	
01 95 23 00-0007	EA	Removal And Replacement Of Residential Heater/Furnace Door	70.68	
01 95 23 00-0008	EA	Up To 4" Diameter Residential Roof Jack With Bird Screen And Back Draft Damper	131.90	47.01
01 95 23 00-0009	EA	6" Diameter Residential Roof Jack With Bird Screen And Back Draft Damper	158.87	47.01

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

01 95 23 00-0011	EA	Removal And Replacement Of Residential Exhaust Fan	262.90	
01 95 23 00-0012	EA	Removal And Replacement Of Residential Return Air Grills	73.19	
01 95 23 00-0013	EA	Removal And Replacement Of Residential Air Registers	45.36	

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

01 95 23 00-0015	EA	24 Volt AC, Heat Only, Residential Thermostat (Lightstat) Note: With automatic setback.	411.99	42.52

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

01 95 23 00-0017	EA	14,800 BTU Packaged Terminal Air Conditioner with 14,000 Heat Pump BTU, R-410A Refrigerant, Electronic Touch Controls, LED Display and 4.5 Dehumidification Rate; GE #AZ61H15DAB	3,333.33	340.49

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 26 Residential - Electrical *(01 95)*				
01 95 26 00-0001		Residential Wire *(01 95 26)*		
01 95 26 00-0002	LF	2 Conductors, 12 AWG, Residential Non-Metallic Sheathed, Solid Copper Cable	5.88	2.06
01 95 26 00-0003	LF	2 Conductors, 10 AWG, Residential Non-Metallic Sheathed, Solid Copper Cable	6.74	2.06
01 95 26 00-0004		Residential Lighting Fixtures *(01 95 26)* Note: Includes lamps.		
01 95 26 00-0005		Residential Bedroom Fixtures *(01 95 26 00-0004)*		
01 95 26 00-0006	EA	11" Round, Close To Ceiling, Incandescent Residential Fixture (Progress 3520-30)	148.00	42.72
01 95 26 00-0007	EA	12" Round, 2 - 13 Watt Lamps, Close To Ceiling, Compact Fluorescent Residential Fixture (Sea Gull 5902-15)	201.95	42.72
01 95 26 00-0008	EA	Globe, Close To Ceiling, Incandescent Residential Fixture (Progress 3605-30)	92.12	42.72
01 95 26 00-0009	EA	Globe, Close To Ceiling, Incandescent Residential Fixture, With Pull Chain (Progress 3605-30SW)	108.18	42.72
01 95 26 00-0010	EA	14" Round, Close To Ceiling, Compact Fluorescent Residential Fixture (Progress 7378-30)	235.36	42.72
01 95 26 00-0011	EA	12" Square, Incandescent Residential Canopy (Progress 4962)	92.59	42.72
01 95 26 00-0012	EA	12" Square, Incandescent Residential Canopy (Progress 4961)	91.42	42.72
01 95 26 00-0013	EA	Square Ceiling Fixture, Two Light Incandescent, Westinghouse #66201	92.67	42.72
01 95 26 00-0014	EA	6" Opal Ball Ceiling Mount Fixture, One Light; Sunset #F2203-30	69.01	25.66
01 95 26 00-0015	EA	Slim line - 11" Diameter- 3" Low Profile Steel Fixture With Acrylic Lens (White) 13 Watt	115.64	31.65
01 95 26 00-0016		Residential Bathroom Fixtures *(01 95 26 00-0004)*		
01 95 26 00-0017	EA	Incandescent Residential Wall Fixture (Sea Gull 4450)	107.34	42.72
01 95 26 00-0018	EA	Incandescent Residential Wall Fixture (Westinghouse 66401)	82.73	42.72
01 95 26 00-0019	EA	2 Lamps, Incandescent Residential Wall Fixture (Westinghouse 66403)	89.61	42.72
01 95 26 00-0020	EA	70 CFM Bathroom Fan With Light; Nutone 668RP	281.30	64.24
01 95 26 00-0021	EA	1250W/120V Ceiling Bath Heater; Broan #154	199.01	42.72
01 95 26 00-0022		Residential Kitchen And Hallway Fixtures *(01 95 26 00-0004)* See CSI section 26 51 16 00-0209 for ceiling light fixtures.		
01 95 26 00-0023	EA	5" x 26", 1 – 17 Watt, Vandal Resistant Fluorescent Fixture	612.35	42.72
01 95 26 00-0024	EA	9" x 26", 2 - 17 Watt, Vandal Resistant, Fluorescent Fixture	693.96	42.72
01 95 26 00-0025		Residential Exterior Fixtures *(01 95 26 00-0004)*		
01 95 26 00-0026	EA	Glass Globe, Incandescent Residential Wall Lantern (Progress Lighting P5602-31)	84.52	42.72
01 95 26 00-0027	EA	Glass Lens, Incandescent Residential Wall Lantern (Lumapro 3RB20)	123.07	42.72
01 95 26 00-0028	EA	Polycarbonate Lens, HPS Residential Wall Lantern (Lumapro 5MM60)	293.63	42.72
01 95 26 00-0029	EA	Motion Sensor, Zenith SL-5105	138.15	32.08
01 95 26 00-0030	EA	Exterior Porch Light, Incandescent, Rabb VAN1F-13	201.35	42.72
01 95 26 00-0031		Residential Alarms *(01 95 26)*		
01 95 26 00-0032	EA	Battery Operated, Residential Smoke Alarm (Kidde 0916E)	57.88	16.03
01 95 26 00-0033	EA	AC Powered, Residential Smoke Alarm (Kidde i12020)	85.25	32.08
01 95 26 00-0034	EA	Battery Operated, Residential Carbon Monoxide and Smoke Alarm (Kidde 900-0102)	150.99	16.03
01 95 26 00-0035	EA	AC Powered Wire-in Smoke Alarm, BRK 9120B	164.35	64.14
01 95 26 00-0036		Residential Breakers *(01 95 26)* See CSI section 26 28 16 13-0002 for circuit breakers.		
01 95 99 99 Los Angeles Housing RSIP Tasks *(01 95)*				
01 95 99 99-0001		Residential Windows *(01 95 99 99)*		
01 95 99 99-0002		Residential Vinyl Windows *(01 95 99 99-0001)* Note: All labor, material and equipment to remove existing windows and Security bars install new windows (Milgard, Quite Line Series). Includes white solid vinyl interior and exterior, standard hardware, clear insulated low E glass and insect screen. Minimum STC rating of 44, Chip clean and repair any stucco as needed and repair drywall as needed (allow 2 SF each of stucco and drywall chip, cut and repair), stucco key replacement, caulking and sealants. This list may not cover all individual items involved in the new window removal and installation, however it is intended to represent the complete in-place window replacement.		
01 95 99 99-0003		Double Hung Vinyl Windows *(01 95 99 99-0002)*		
01 95 99 99-0004		Double Hung Flanged Vinyl Windows (Milgard Quiet Line™ Series) *(01 95 99 99-0003)*		
01 95 99 99-0005	EA	Up To 73" UI, Double Hung Vinyl Window (Milgard Quiet Line™ Series)	1,085.10	
		For Re-Installation Of Existing Security Bars, Add	*28.46*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*26.90*	
		For New Security Bar Installation (includes foot quick release), Add	*579.75*	
01 95 99 99-0006	EA	>73" To 83" UI, Double Hung Vinyl Window (Milgard Quiet Line™ Series)	1,196.84	
		For Re-Installation Of Existing Security Bars, Add	*28.46*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*29.47*	
		For New Security Bar Installation (includes foot quick release), Add	*579.75*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 99 99-0007	EA	>83" To 93" UI, Double Hung Vinyl Window (Milgard Quiet Line™ Series)	1,301.48	
		For Re-Installation Of Existing Security Bars, Add	*28.46*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*32.03*	
		For New Security Bar Installation (includes foot quick release), Add	*579.75*	
01 95 99 99-0008	EA	>93" To 101" UI, Double Hung Vinyl Window (Milgard Quiet Line™ Series)	1,376.35	
		For Re-Installation Of Existing Security Bars, Add	*39.84*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*34.59*	
		For New Security Bar Installation (includes foot quick release), Add	*774.89*	
01 95 99 99-0009	EA	>101" To 110" UI, Double Hung Vinyl Window (Milgard Quiet Line™ Series)	1,456.54	
		For Re-Installation Of Existing Security Bars, Add	*39.84*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*37.15*	
		For New Security Bar Installation (includes foot quick release), Add	*774.89*	
01 95 99 99-0010	EA	>110" To 120" UI, Double Hung Vinyl Window (Milgard Quiet Line™ Series)	1,469.63	
		For Re-Installation Of Existing Security Bars, Add	*39.84*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*22.63*	
		For New Security Bar Installation (includes foot quick release), Add	*774.89*	
01 95 99 99-0011	UI	>120" UI, Double Hung Vinyl Window (Milgard Quiet Line™ Series)	13.23	
		For Re-Installation Of Existing Security Bars, Add	*0.34*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*0.33*	
		For New Security Bar Installation (includes foot quick release), Add	*6.47*	

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

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

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

01 95 99 99-0015	EA	Up To 53" UI, One Operating Sash, Casement Vinyl Window (Milgard Quiet Line™ Series)	1,047.05	
		For Re-Installation Of Existing Security Bars, Add	*28.46*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*21.78*	
		For New Security Bar Installation (includes foot quick release), Add	*579.75*	
01 95 99 99-0016	EA	>53 To 63" UI, One Operating Sash, Casement Vinyl Window (Milgard Quiet Line™ Series)	1,189.63	
		For Re-Installation Of Existing Security Bars, Add	*28.46*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*24.34*	
		For New Security Bar Installation (includes foot quick release), Add	*579.75*	
01 95 99 99-0017	EA	>63 To 73" UI, One Operating Sash, Casement Vinyl Window (Milgard Quiet Line™ Series)	1,318.00	
		For Re-Installation Of Existing Security Bars, Add	*28.46*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*26.90*	
		For New Security Bar Installation (includes foot quick release), Add	*579.75*	
01 95 99 99-0018	EA	>73" To 83" UI, One Operating Sash, Casement Vinyl Window (Milgard Quiet Line™ Series)	1,432.23	
		For Re-Installation Of Existing Security Bars, Add	*28.46*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*29.47*	
		For New Security Bar Installation (includes foot quick release), Add	*579.75*	
01 95 99 99-0019	EA	>83" To 93" UI, One Operating Sash, Casement Vinyl Window (Milgard Quiet Line™ Series)	1,532.26	
		For Re-Installation Of Existing Security Bars, Add	*28.46*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*32.03*	
		For New Security Bar Installation (includes foot quick release), Add	*579.75*	
01 95 99 99-0020	EA	>93" To 101" UI, One Operating Sash, Casement Vinyl Window (Milgard Quiet Line™ Series)	1,591.17	
		For Re-Installation Of Existing Security Bars, Add	*39.84*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*34.59*	
		For New Security Bar Installation (includes foot quick release), Add	*774.89*	
01 95 99 99-0021	UI	>101" UI, One Operating Sash, Casement Vinyl Window (Milgard Quiet Line™ Series)	15.69	
		For Re-Installation Of Existing Security Bars, Add	*0.34*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*0.33*	
		For New Security Bar Installation (includes foot quick release), Add	*6.47*	

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

01 95 99 99-0023	EA	Up To 73" UI, Two Operating Sashes, Casement Vinyl Window (Milgard Quiet Line™ Series)	1,757.95	
		For Re-Installation Of Existing Security Bars, Add	*28.46*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*26.90*	
		For New Security Bar Installation (includes foot quick release), Add	*579.75*	
01 95 99 99-0024	EA	>73" To 83" UI, Two Operating Sashes, Casement Vinyl Window (Milgard Quiet Line™ Series)	1,932.42	
		For Re-Installation Of Existing Security Bars, Add	*28.46*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*29.47*	
		For New Security Bar Installation (includes foot quick release), Add	*579.75*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 99 99-0025	EA	>83" To 93" UI, Two Operating Sashes, Casement Vinyl Window (Milgard Quiet Line™ Series)	2,092.72	
		For Re-Installation Of Existing Security Bars, Add	*28.46*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*32.03*	
		For New Security Bar Installation (includes foot quick release), Add	*579.75*	
01 95 99 99-0026	EA	>93" To 101" UI, Two Operating Sashes, Casement Vinyl Window (Milgard Quiet Line™ Series)	2,199.85	
		For Re-Installation Of Existing Security Bars, Add	*39.84*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*34.59*	
		For New Security Bar Installation (includes foot quick release), Add	*774.89*	
01 95 99 99-0027	EA	>101" To 110" UI, Two Operating Sashes, Casement Vinyl Window (Milgard Quiet Line™ Series)	2,314.41	
		For Re-Installation Of Existing Security Bars, Add	*39.84*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*37.15*	
		For New Security Bar Installation (includes foot quick release), Add	*774.89*	
01 95 99 99-0028	EA	>110" To 120" UI, Two Operating Sashes, Casement Vinyl Window (Milgard Quiet Line™ Series)	2,434.31	
		For Re-Installation Of Existing Security Bars, Add	*39.84*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*39.72*	
		For New Security Bar Installation (includes foot quick release), Add	*774.89*	
01 95 99 99-0029	UI	>120" UI, Two Operating Sashes, Casement Vinyl Window (Milgard Quiet Line™ Series)	20.31	
		For Re-Installation Of Existing Security Bars, Add	*0.34*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*0.33*	
		For New Security Bar Installation (includes foot quick release), Add	*6.47*	

01 95 99 99-0030 Horizontal Sliding Vinyl Windows *(01 95 99 99-0002)*

01 95 99 99-0031 Horizontal Flanged Sliding Vinyl Windows (Milgard Quiet Line™ Series) *(01 95 99 99-0030)*

01 95 99 99-0032	EA	Up To 73" UI, Horizontal Sliding Vinyl Window (Milgard Quiet Line™ Series)	981.60	
		For Re-Installation Of Existing Security Bars, Add	*28.46*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*26.90*	
		For New Security Bar Installation (includes foot quick release), Add	*579.75*	
01 95 99 99-0033	EA	>73" To 83" UI, Horizontal Sliding Vinyl Window (Milgard Quiet Line™ Series)	1,079.16	
		For Re-Installation Of Existing Security Bars, Add	*28.46*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*29.47*	
		For New Security Bar Installation (includes foot quick release), Add	*579.75*	
01 95 99 99-0034	EA	>83" To 93" UI, Horizontal Sliding Vinyl Window (Milgard Quiet Line™ Series)	1,169.59	
		For Re-Installation Of Existing Security Bars, Add	*28.46*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*32.03*	
		For New Security Bar Installation (includes foot quick release), Add	*579.75*	
01 95 99 99-0035	EA	>93" To 101" UI, Horizontal Sliding Vinyl Window (Milgard Quiet Line™ Series)	1,233.12	
		For Re-Installation Of Existing Security Bars, Add	*39.84*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*34.59*	
		For New Security Bar Installation (includes foot quick release), Add	*774.89*	
01 95 99 99-0036	EA	>101" To 110" UI, Horizontal Sliding Vinyl Window (Milgard Quiet Line™ Series)	1,300.56	
		For Re-Installation Of Existing Security Bars, Add	*39.84*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*37.15*	
		For New Security Bar Installation (includes foot quick release), Add	*774.89*	
01 95 99 99-0037	EA	>110" To 120" UI, Horizontal Sliding Vinyl Window (Milgard Quiet Line™ Series)	1,413.35	
		For Re-Installation Of Existing Security Bars, Add	*39.84*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*39.72*	
		For New Security Bar Installation (includes foot quick release), Add	*774.89*	
01 95 99 99-0038	UI	>120" UI, Horizontal Sliding Vinyl Window (Milgard Quiet Line™ Series)	11.80	
		For Re-Installation Of Existing Security Bars, Add	*0.34*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*0.33*	
		For New Security Bar Installation (includes foot quick release), Add	*6.47*	

01 95 99 99-0039 Fixed Picture Vinyl Windows *(01 95 99 99-0002)*

01 95 99 99-0040 Fixed Picture Flanged Vinyl Windows (Milgard Style Line™ Series) *(01 95 99 99-0039)*

01 95 99 99-0041	EA	Up To 53" UI, Fixed Picture Vinyl Window (Milgard Style Line™ Series)	726.38	
		For Re-Installation Of Existing Security Bars, Add	*28.46*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*21.78*	
		For New Security Bar Installation (includes foot quick release), Add	*579.75*	
01 95 99 99-0042	EA	>53 To 63" UI, Fixed Picture Vinyl Window (Milgard Style Line™ Series)	824.36	
		For Re-Installation Of Existing Security Bars, Add	*28.46*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*24.34*	
		For New Security Bar Installation (includes foot quick release), Add	*579.75*	
01 95 99 99-0043	EA	>63 To 73" UI, Fixed Picture Vinyl Window (Milgard Style Line™ Series)	913.17	
		For Re-Installation Of Existing Security Bars, Add	*28.46*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*26.90*	
		For New Security Bar Installation (includes foot quick release), Add	*579.75*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 99 99-0044	EA	>73" To 83" UI, Fixed Picture Vinyl Window (Milgard Style Line™ Series)	992.85	
		For Re-Installation Of Existing Security Bars, Add	*28.46*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*29.47*	
		For New Security Bar Installation (includes foot quick release), Add	*579.75*	
01 95 99 99-0045	EA	>83" To 93" UI, Fixed Picture Vinyl Window (Milgard Style Line™ Series)	1,063.37	
		For Re-Installation Of Existing Security Bars, Add	*28.46*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*32.03*	
		For New Security Bar Installation (includes foot quick release), Add	*579.75*	
01 95 99 99-0046	EA	>93" To 101" UI, Fixed Picture Vinyl Window (Milgard Style Line™ Series)	1,107.42	
		For Re-Installation Of Existing Security Bars, Add	*39.84*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*34.59*	
		For New Security Bar Installation (includes foot quick release), Add	*774.89*	
01 95 99 99-0047	UI	>101" UI, Fixed Picture Vinyl Window (Milgard Style Line™ Series)	10.91	
		For Re-Installation Of Existing Security Bars, Add	*0.34*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*0.33*	
		For New Security Bar Installation (includes foot quick release), Add	*6.47*	

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

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

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

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

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

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

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

01 95 99 99-0063	EA	Drop Sill Up To 47" Note: Includes king stud, trimmers, cripples, exterior flashing, stucco molding, stucco patch with fog coat, drywall texture to match existing 90%, insulation if applicable (R-15), lath and paper overlap, backer rod, caulking, paint touch-up to match existing minimum 90% (hand applied only)	368.69
01 95 99 99-0064	EA	Enlarge Sideways Up To 49" Wide Note: Includes header, king stud, trimmers, cripples, exterior flashing, stucco molding, stucco path with fog coat, drywall texture to match existing 90%, insulation if applicable (R-15), lath and paper overlap, backer rod, caulking, paint touch-up to match existing minimum 90% (hand applied only	481.17

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

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

Note: Type I, Class I, Quality Q3.

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

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

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

01 95 99 99-0071	EA	Remove and Reinstall Residential Window Security Bars Note: Includes four connecting bolts.	56.92

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 99 99-0072		Residential Vinyl Windows (Prime Windows) *(01 95 99 99-0001)* Note: All labor, material and equipment to remove existing windows and Security bars install new windows. Includes any color solid vinyl interior and exterior, standard hardware, clear insulated low E glass and insect screen. Minimum STC rating of 44, Chip clean and repair any stucco as needed and repair drywall as needed (allow 2 SF each of stucco and drywall chip, cut and repair), stucco key replacement, caulking and sealants. This list may not cover all individual items involved in the new window removal and installation; however it is intended to represent the complete in-place window replacement for block frame, retrofit and nail on. See CSI section 01 95 99 99-0048 for window accessories.		
01 95 99 99-0073		Single Hung Vinyl Windows (Prime Windows Series 7100) *(01 95 99 99-0072)*		
01 95 99 99-0074	EA	Up To 73" UI, Single Hung Vinyl Window (Prime Windows Series 7100)	1,665.45	
		For Re-Installation Of Existing Security Bars, Add	*28.46*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*26.90*	
		For New Security Bar Installation (includes foot quick release), Add	*579.75*	
		For Tempered Glass, Add	*416.11*	
		For Obscure Glass, Add	*74.30*	
		For Grilles, Add	*59.44*	
01 95 99 99-0075	EA	>73" To 83" UI, Single Hung Vinyl Window (Prime Windows Series 7100)	1,831.15	
		For Re-Installation Of Existing Security Bars, Add	*28.46*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*29.47*	
		For New Security Bar Installation (includes foot quick release), Add	*579.75*	
		For Tempered Glass, Add	*457.72*	
		For Obscure Glass, Add	*81.74*	
		For Grilles, Add	*65.39*	
01 95 99 99-0076	EA	>83" To 93" UI, Single Hung Vinyl Window (Prime Windows Series 7100)	1,906.50	
		For Re-Installation Of Existing Security Bars, Add	*28.46*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*32.03*	
		For New Security Bar Installation (includes foot quick release), Add	*579.75*	
		For Tempered Glass, Add	*474.03*	
		For Obscure Glass, Add	*84.65*	
		For Grilles, Add	*67.72*	
01 95 99 99-0077	EA	>93" To 101" UI, Single Hung Vinyl Window (Prime Windows Series 7100)	2,083.85	
		For Re-Installation Of Existing Security Bars, Add	*39.84*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*34.59*	
		For New Security Bar Installation (includes foot quick release), Add	*774.89*	
		For Tempered Glass, Add	*518.91*	
		For Obscure Glass, Add	*92.66*	
		For Grilles, Add	*74.13*	
01 95 99 99-0078	EA	>101" To 110" UI, Single Hung Vinyl Window (Prime Windows Series 7100)	2,162.12	
		For Re-Installation Of Existing Security Bars, Add	*39.84*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*37.15*	
		For New Security Bar Installation (includes foot quick release), Add	*774.89*	
		For Tempered Glass, Add	*536.04*	
		For Obscure Glass, Add	*95.72*	
		For Grilles, Add	*76.58*	
01 95 99 99-0079	EA	>110" To 120" UI, Single Hung Vinyl Window (Prime Windows Series 7100)	2,351.12	
		For Re-Installation Of Existing Security Bars, Add	*39.84*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*39.72*	
		For New Security Bar Installation (includes foot quick release), Add	*774.89*	
		For Tempered Glass, Add	*792.81*	
		For Obscure Glass, Add	*146.04*	
		For Grilles, Add	*104.32*	
01 95 99 99-0080	UI	>120" UI, Single Hung Vinyl Window (Prime Windows Series 7100)	19.21	
		For Re-Installation Of Existing Security Bars, Add	*0.34*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*0.33*	
		For New Security Bar Installation (includes foot quick release), Add	*6.47*	
		For Tempered Glass, Add	*6.45*	
		For Obscure Glass, Add	*1.19*	
		For Grilles, Add	*0.85*	
01 95 99 99-0081		Casement Vinyl Windows (Prime Windows Series 7500) *(01 95 99 99-0072)*		
01 95 99 99-0082		One Operating Sash, Casement Vinyl Windows (Prime Windows Series 7500) *(01 95 99 99-0081)*		
01 95 99 99-0083	EA	Up To 53" UI, One Operating Sash, Casement Vinyl Window (Prime Windows Series 7500)	1,829.43	
		For Re-Installation Of Existing Security Bars, Add	*28.46*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*21.78*	
		For New Security Bar Installation (includes foot quick release), Add	*579.75*	
		For Tempered Glass, Add	*235.79*	
		For Obscure Glass, Add	*33.68*	
		For Grilles, Add	*50.53*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 99 99-0084	EA	>53 To 63" UI, One Operating Sash, Casement Vinyl Window (Prime Windows Series 7500)	2,065.06	
		For Re-Installation Of Existing Security Bars, Add	*28.46*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*24.34*	
		For New Security Bar Installation (includes foot quick release), Add	*579.75*	
		For Tempered Glass, Add	*266.39*	
		For Obscure Glass, Add	*38.06*	
		For Grilles, Add	*57.08*	
01 95 99 99-0085	EA	>63 To 73" UI, One Operating Sash, Casement Vinyl Window (Prime Windows Series 7500)	2,154.98	
		For Re-Installation Of Existing Security Bars, Add	*28.46*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*26.90*	
		For New Security Bar Installation (includes foot quick release), Add	*579.75*	
		For Tempered Glass, Add	*276.59*	
		For Obscure Glass, Add	*39.51*	
		For Grilles, Add	*59.27*	
01 95 99 99-0086	EA	>73" To 83" UI, One Operating Sash, Casement Vinyl Window (Prime Windows Series 7500)	2,416.84	
		For Re-Installation Of Existing Security Bars, Add	*28.46*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*29.47*	
		For New Security Bar Installation (includes foot quick release), Add	*579.75*	
		For Tempered Glass, Add	*310.85*	
		For Obscure Glass, Add	*44.41*	
		For Grilles, Add	*66.61*	
01 95 99 99-0087	EA	>83" To 93" UI, One Operating Sash, Casement Vinyl Window (Prime Windows Series 7500)	2,521.33	
		For Re-Installation Of Existing Security Bars, Add	*28.46*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*32.03*	
		For New Security Bar Installation (includes foot quick release), Add	*579.75*	
		For Tempered Glass, Add	*323.09*	
		For Obscure Glass, Add	*46.16*	
		For Grilles, Add	*69.23*	
01 95 99 99-0088	EA	>93" To 101" UI, One Operating Sash, Casement Vinyl Window (Prime Windows Series 7500)	2,861.86	
		For Re-Installation Of Existing Security Bars, Add	*39.84*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*34.59*	
		For New Security Bar Installation (includes foot quick release), Add	*774.89*	
		For Tempered Glass, Add	*368.38*	
		For Obscure Glass, Add	*52.63*	
		For Grilles, Add	*78.94*	
01 95 99 99-0089	UI	>101" UI, One Operating Sash, Casement Vinyl Window (Prime Windows Series 7500)	27.54	
		For Re-Installation Of Existing Security Bars, Add	*0.34*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*0.33*	
		For New Security Bar Installation (includes foot quick release), Add	*6.47*	
		For Tempered Glass, Add	*3.54*	
		For Obscure Glass, Add	*0.51*	
		For Grilles, Add	*0.76*	

01 95 99 99-0090 Two Operating Sashes, Casement Vinyl Windows (Prime Windows Series 7500) *(01 95 99 99-0081)*

01 95 99 99-0091	EA	Up To 73" UI, Two Operating Sashes, Casement Vinyl Window (Prime Windows Series 7500)	3,967.43	
		For Re-Installation Of Existing Security Bars, Add	*28.46*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*26.90*	
		For New Security Bar Installation (includes foot quick release), Add	*579.75*	
		For Tempered Glass, Add	*530.33*	
		For Obscure Glass, Add	*75.76*	
		For Grilles, Add	*113.64*	
01 95 99 99-0092	EA	>73" To 83" UI, Two Operating Sashes, Casement Vinyl Window (Prime Windows Series 7500)	4,179.75	
		For Re-Installation Of Existing Security Bars, Add	*28.46*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*29.47*	
		For New Security Bar Installation (includes foot quick release), Add	*579.75*	
		For Tempered Glass, Add	*557.66*	
		For Obscure Glass, Add	*79.67*	
		For Grilles, Add	*119.50*	
01 95 99 99-0093	EA	>83" To 93" UI, Two Operating Sashes, Casement Vinyl Window (Prime Windows Series 7500)	4,345.43	
		For Re-Installation Of Existing Security Bars, Add	*28.46*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*32.03*	
		For New Security Bar Installation (includes foot quick release), Add	*579.75*	
		For Tempered Glass, Add	*578.47*	
		For Obscure Glass, Add	*82.64*	
		For Grilles, Add	*123.96*	
01 95 99 99-0094	EA	>93" To 101" UI, Two Operating Sashes, Casement Vinyl Window (Prime Windows Series 7500)	4,715.10	
		For Re-Installation Of Existing Security Bars, Add	*28.46*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*34.59*	
		For Tempered Glass, Add	*627.83*	
		For Obscure Glass, Add	*89.69*	
		For Grilles, Add	*134.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 99 99-0095	EA	>101" To 110" UI, Two Operating Sashes, Casement Vinyl Window (Prime Windows Series 7500)	5,017.74	
		For Re-Installation Of Existing Security Bars, Add	*28.46*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*37.15*	
		For Tempered Glass, Add	*667.81*	
		For Obscure Glass, Add	*95.40*	
		For Grilles, Add	*143.10*	
01 95 99 99-0096	EA	>110" To 120" UI, Two Operating Sashes, Casement Vinyl Window (Prime Windows Series 7500)	5,317.47	
		For Re-Installation Of Existing Security Bars, Add	*39.84*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*39.72*	
		For New Security Bar Installation (includes foot quick release), Add	*774.89*	
		For Tempered Glass, Add	*707.38*	
		For Obscure Glass, Add	*101.05*	
		For Grilles, Add	*151.58*	
01 95 99 99-0097	UI	>120" UI, Two Operating Sashes, Casement Vinyl Window (Prime Windows Series 7500)	41.00	
		For Re-Installation Of Existing Security Bars, Add	*0.34*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*0.33*	
		For New Security Bar Installation (includes foot quick release), Add	*6.47*	
		For Tempered Glass, Add	*5.43*	
		For Obscure Glass, Add	*0.78*	
		For Grilles, Add	*1.16*	

01 95 99 99-0098 Horizontal Rolling Vinyl Windows (Prime Windows Series 7000) *(01 95 99 99-0072)*

01 95 99 99-0099	EA	Up To 73" UI, Horizontal Rolling Vinyl Window (Prime Windows Series 7000)	1,680.02	
		For Re-Installation Of Existing Security Bars, Add	*28.46*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*26.90*	
		For New Security Bar Installation (includes foot quick release), Add	*579.75*	
		For Tempered Glass, Add	*420.18*	
		For Obscure Glass, Add	*75.03*	
		For Grilles, Add	*75.03*	
01 95 99 99-0100	EA	>73" To 83" UI, Horizontal Rolling Vinyl Window (Prime Windows Series 7000)	1,804.92	
		For Re-Installation Of Existing Security Bars, Add	*28.46*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*29.47*	
		For New Security Bar Installation (includes foot quick release), Add	*579.75*	
		For Tempered Glass, Add	*450.37*	
		For Obscure Glass, Add	*80.42*	
		For Grilles, Add	*80.42*	
01 95 99 99-0101	EA	>83" To 93" UI, Horizontal Rolling Vinyl Window (Prime Windows Series 7000)	1,993.91	
		For Re-Installation Of Existing Security Bars, Add	*28.46*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*32.03*	
		For New Security Bar Installation (includes foot quick release), Add	*579.75*	
		For Tempered Glass, Add	*498.51*	
		For Obscure Glass, Add	*89.02*	
		For Grilles, Add	*89.02*	
01 95 99 99-0102	EA	>93" To 101" UI, Horizontal Rolling Vinyl Window (Prime Windows Series 7000)	2,214.98	
		For Re-Installation Of Existing Security Bars, Add	*39.84*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*34.59*	
		For New Security Bar Installation (includes foot quick release), Add	*774.89*	
		For Tempered Glass, Add	*555.62*	
		For Obscure Glass, Add	*99.22*	
		For Grilles, Add	*99.22*	
01 95 99 99-0103	EA	>101" To 110" UI, Horizontal Rolling Vinyl Window (Prime Windows Series 7000)	2,354.44	
		For Re-Installation Of Existing Security Bars, Add	*39.84*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*37.15*	
		For New Security Bar Installation (includes foot quick release), Add	*774.89*	
		For Tempered Glass, Add	*589.89*	
		For Obscure Glass, Add	*105.34*	
		For Grilles, Add	*105.34*	
01 95 99 99-0104	EA	>110" To 120" UI, Horizontal Rolling Vinyl Window (Prime Windows Series 7000)	2,595.89	
		For Re-Installation Of Existing Security Bars, Add	*39.84*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*39.72*	
		For New Security Bar Installation (includes foot quick release), Add	*774.89*	
		For Tempered Glass, Add	*885.83*	
		For Obscure Glass, Add	*163.18*	
		For Grilles, Add	*163.18*	
01 95 99 99-0105	UI	>120" UI, Horizontal Rolling Vinyl Window (Prime Windows Series 7000)	20.66	
		For Re-Installation Of Existing Security Bars, Add	*0.34*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*0.33*	
		For New Security Bar Installation (includes foot quick release), Add	*6.47*	
		For Tempered Glass, Add	*7.00*	
		For Obscure Glass, Add	*1.29*	
		For Grilles, Add	*1.29*	

01 95 99 99-0106 Fixed Picture Vinyl Windows (Prime Windows Series 7200) *(01 95 99 99-0072)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 99 99-0107	EA	Up To 53" UI, Fixed Picture Vinyl Window (Prime Windows Series 7200)	812.48	
		For Re-Installation Of Existing Security Bars, Add	*28.46*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*21.78*	
		For New Security Bar Installation (includes foot quick release), Add	*579.75*	
		For Tempered Glass, Add	*367.00*	
		For Obscure Glass, Add	*60.06*	
		For Grilles, Add	*60.06*	
01 95 99 99-0108	EA	>53 To 63" UI, Fixed Picture Vinyl Window (Prime Windows Series 7200)	934.46	
		For Re-Installation Of Existing Security Bars, Add	*28.46*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*24.34*	
		For New Security Bar Installation (includes foot quick release), Add	*579.75*	
		For Tempered Glass, Add	*424.70*	
		For Obscure Glass, Add	*69.50*	
		For Grilles, Add	*69.50*	
01 95 99 99-0109	EA	>63 To 73" UI, Fixed Picture Vinyl Window (Prime Windows Series 7200)	1,003.99	
		For Re-Installation Of Existing Security Bars, Add	*28.46*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*26.90*	
		For New Security Bar Installation (includes foot quick release), Add	*579.75*	
		For Tempered Glass, Add	*453.55*	
		For Obscure Glass, Add	*74.22*	
		For Grilles, Add	*74.22*	
01 95 99 99-0110	EA	>73" To 83" UI, Fixed Picture Vinyl Window (Prime Windows Series 7200)	1,073.53	
		For Re-Installation Of Existing Security Bars, Add	*28.46*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*29.47*	
		For New Security Bar Installation (includes foot quick release), Add	*579.75*	
		For Tempered Glass, Add	*482.39*	
		For Obscure Glass, Add	*78.94*	
		For Grilles, Add	*78.94*	
01 95 99 99-0111	EA	>83" To 93" UI, Fixed Picture Vinyl Window (Prime Windows Series 7200)	1,210.07	
		For Re-Installation Of Existing Security Bars, Add	*28.46*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*32.03*	
		For New Security Bar Installation (includes foot quick release), Add	*579.75*	
		For Tempered Glass, Add	*548.10*	
		For Obscure Glass, Add	*89.69*	
		For Grilles, Add	*89.69*	
01 95 99 99-0112	EA	>93" To 101" UI, Fixed Picture Vinyl Window (Prime Windows Series 7200)	1,355.38	
		For Re-Installation Of Existing Security Bars, Add	*39.84*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*34.59*	
		For New Security Bar Installation (includes foot quick release), Add	*774.89*	
		For Tempered Glass, Add	*618.62*	
		For Obscure Glass, Add	*101.23*	
		For Grilles, Add	*101.23*	
01 95 99 99-0113	UI	>101" UI, Fixed Picture Vinyl Window (Prime Windows Series 7200)	14.65	
		For Re-Installation Of Existing Security Bars, Add	*0.34*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*0.33*	
		For New Security Bar Installation (includes foot quick release), Add	*6.47*	
		For Tempered Glass, Add	*6.83*	
		For Obscure Glass, Add	*1.12*	
		For Grilles, Add	*1.12*	

01 95 99 99-0114 Awning Vinyl Windows (Prime Windows Series 7600) *(01 95 99 99-0072)*

01 95 99 99-0115	EA	Up To 43" UI, Awning Vinyl Window (Prime Windows Series 7600)	955.47	
		For Re-Installation Of Existing Security Bars, Add	*28.46*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*21.78*	
		For New Security Bar Installation (includes foot quick release), Add	*579.75*	
		For Tempered Glass, Add	*113.44*	
		For Obscure Glass, Add	*16.21*	
		For Grilles, Add	*24.31*	
01 95 99 99-0116	EA	>43" To 53" UI, Awning Vinyl Window (Prime Windows Series 7600)	1,317.41	
		For Re-Installation Of Existing Security Bars, Add	*28.46*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*24.34*	
		For New Security Bar Installation (includes foot quick release), Add	*579.75*	
		For Tempered Glass, Add	*161.72*	
		For Obscure Glass, Add	*23.10*	
		For Grilles, Add	*34.65*	
01 95 99 99-0117	EA	>53" To 63" UI, Awning Vinyl Window (Prime Windows Series 7600)	1,401.07	
		For Re-Installation Of Existing Security Bars, Add	*28.46*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*25.62*	
		For New Security Bar Installation (includes foot quick release), Add	*579.75*	
		For Tempered Glass, Add	*172.24*	
		For Obscure Glass, Add	*24.61*	
		For Grilles, Add	*36.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 99 99-0118	EA	>63 To 73" UI, Awning Vinyl Window (Prime Windows Series 7600)	1,484.69	
		For Re-Installation Of Existing Security Bars, Add	*28.46*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*26.90*	
		For New Security Bar Installation (includes foot quick release), Add	*579.75*	
		For Tempered Glass, Add	*182.75*	
		For Obscure Glass, Add	*26.11*	
		For Grilles, Add	*39.16*	
01 95 99 99-0119	EA	>73" To 83" UI, Awning Vinyl Window (Prime Windows Series 7600)	1,645.95	
		For Re-Installation Of Existing Security Bars, Add	*28.46*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*29.47*	
		For New Security Bar Installation (includes foot quick release), Add	*579.75*	
		For Tempered Glass, Add	*202.93*	
		For Obscure Glass, Add	*28.99*	
		For Grilles, Add	*43.49*	
01 95 99 99-0120	EA	>83" To 93" UI, Awning Vinyl Window (Prime Windows Series 7600)	1,801.25	
		For Re-Installation Of Existing Security Bars, Add	*28.46*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*32.03*	
		For New Security Bar Installation (includes foot quick release), Add	*579.75*	
		For Tempered Glass, Add	*222.28*	
		For Obscure Glass, Add	*31.75*	
		For Grilles, Add	*47.63*	
01 95 99 99-0121	EA	>93" To 101" UI, Awning Vinyl Window (Prime Windows Series 7600)	1,892.67	
		For Re-Installation Of Existing Security Bars, Add	*39.84*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*34.59*	
		For New Security Bar Installation (includes foot quick release), Add	*774.89*	
		For Tempered Glass, Add	*232.69*	
		For Obscure Glass, Add	*33.24*	
		For Grilles, Add	*49.86*	
01 95 99 99-0122	UI	>101" UI, Awning Vinyl Window (Prime Windows Series 7600)	18.62	
		For Re-Installation Of Existing Security Bars, Add	*0.34*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*0.33*	
		For New Security Bar Installation (includes foot quick release), Add	*6.47*	
		For Tempered Glass, Add	*2.29*	
		For Obscure Glass, Add	*0.33*	
		For Grilles, Add	*0.49*	

01 95 99 99-0123 Vinyl Window Accesories (Prime Windows) *(01 95 99 99-0072)*

01 95 99 99-0124	EA	Window Opening Control Device For Single Hung Vinyl Windows (Prime Windows)	23.31
01 95 99 99-0125	EA	Window Opening Control Device For One Operating Sash, Casement Vinyl Windows (Prime Windows)	34.97
01 95 99 99-0126	EA	Window Opening Control Device For Two Operating Sashes, Casement Vinyl Windows (Prime Windows)	69.93

01 95 99 99-0127 Residential Doors *(01 95 99 99)*

01 95 99 99-0128 Door Assemblies *(01 95 99 99-0127)*

Note: All labor, material and equipment to remove and replace existing doors. Includes STC 40 Paint grade sc. door, frame, hinges, caulking, seals, ridged weather stripping, entry lockset, deadbolt, threshold and paint per manufacturer specifications. Per L.A. County Residential Sound Improvement Program Specification (RSIP) 08100 Rated Door. This list may not cover all individual items involved in the new door removal and installation, however it is intended to represent the complete in-place installation of doors.

01 95 99 99-0129	EA	2'-4" Thru 2'-8" x 7' x 1-3/4" Thick, STC 40, Composite With Wood Veneer Cladding, Acoustical Door System (Unrated)	4,676.70	
		For Stain Grade Assembly, Add	*1,043.30*	
		Note: Includes stain and varnish per manufacturer's specifications		
		For Raised Panel, Add	*499.18*	
		For Wagon Wheel, Add	*698.85*	
		For Half Lite, Add	*918.49*	
		For Hollywood/French Door, Add	*998.36*	
		For Side Lite Assembly, Up To 12", Add	*1,126.91*	
		For Transom Lite, Add	*503.75*	
		For Enlarging Door Opening To 36" Minimum Width, Add	*801.27*	
		For 20 Minute Fire Door Assembly, Add	*479.21*	
01 95 99 99-0130	EA	2'-10" Thru 3' x 7' x 1-3/4" Thick, STC 40, Composite With Wood Veneer Cladding, Acoustical Door System (Unrated)	5,086.53	
		For Stain Grade Assembly, Add	*1,160.70*	
		Note: Includes stain and varnish per manufacturer's specifications		
		For Raised Panel, Add	*548.27*	
		For Wagon Wheel, Add	*767.58*	
		For Half Lite, Add	*1,008.82*	
		For Hollywood/French Door, Add	*1,096.54*	
		For Side Lite Assembly, Up To 12", Add	*1,126.91*	
		For Transom Lite, Add	*604.50*	
		For Enlarging Door Opening To 36" Minimum Width, Add	*801.27*	
		For 20 Minute Fire Door Assembly, Add	*526.34*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 99 99-0131	EA	3'-2" Thru 3'-6" x 7' x 1-3/4" Thick, STC 40, Composite With Wood Veneer Cladding, Acoustical Door System (Unrated)	5,696.69	
		For Stain Grade Assembly, Add	*1,323.67*	
		Note: Includes stain and varnish per manufacturer's specifications		
		For Raised Panel, Add	*622.76*	
		For Wagon Wheel, Add	*871.87*	
		For Half Lite, Add	*1,145.88*	
		For Hollywood/French Door, Add	*1,245.53*	
		For Side Lite Assembly, Up To 12", Add	*1,126.91*	
		For Transom Lite, Add	*705.25*	
		For 20 Minute Fire Door Assembly, Add	*597.85*	
01 95 99 99-0132	EA	4' x 7' x 1-3/4" Thick, STC 40, Double Assembly, Composite With Wood Veneer Cladding, Acoustical Door System (Unrated)	7,092.35	
		For Stain Grade Assembly, Add	*1,663.26*	
		Note: Includes stain and varnish per manufacturer's specifications		
		For Raised Panel, Add	*795.44*	
		For Wagon Wheel, Add	*1,113.62*	
		For Half Lite, Add	*1,463.61*	
		For Hollywood/French Door, Add	*1,590.88*	
		For Side Lite Assembly, Up To 12", Add	*1,126.91*	
		For Transom Lite, Add	*805.99*	
		For 20 Minute Fire Door Assembly, Add	*763.62*	
01 95 99 99-0133	EA	5' x 7' x 1-3/4" Thick, STC 40, Double Assembly, Composite With Wood Veneer Cladding, Acoustical Door System (Unrated)	8,318.38	
		For Stain Grade Assembly, Add	*1,989.62*	
		Note: Includes stain and varnish per manufacturer's specifications		
		For Raised Panel, Add	*944.42*	
		For Wagon Wheel, Add	*1,322.19*	
		For Half Lite, Add	*1,737.74*	
		For Hollywood/French Door, Add	*1,888.85*	
		For Side Lite Assembly, Up To 12", Add	*1,126.91*	
		For Transom Lite, Add	*1,007.49*	
		For 20 Minute Fire Door Assembly, Add	*906.65*	
01 95 99 99-0134	EA	6' x 7' x 1-3/4" Thick, STC 40, Double Assembly, Composite With Wood Veneer Cladding, Acoustical Door System (Unrated)	9,151.65	
		For Stain Grade Assembly, Add	*2,227.37*	
		Note: Includes stain and varnish per manufacturer's specifications		
		For Raised Panel, Add	*1,044.31*	
		For Wagon Wheel, Add	*1,462.04*	
		For Half Lite, Add	*1,921.54*	
		For Hollywood/French Door, Add	*2,088.63*	
		For Side Lite Assembly, Up To 12", Add	*1,126.91*	
		For Transom Lite, Add	*1,208.99*	
		For 20 Minute Fire Door Assembly, Add	*1,002.54*	

01 95 99 99-0135 Residential Sliding Doors *(01 95 99 99-0127)*

01 95 99 99-0136 Premium Vinyl Sliding Glass Doors (Milgard Style Line™ Series) *(01 95 99 99-0135)*

Note: Includes white solid vinyl interior and exterior, standard hardware and clear high-performance Low-E insulating glass. Excludes grilles and insect screens. Minimum STC rating of 32 included in price.

01 95 99 99-0137	EA	61-3/4" x 81-3/4" Frame Opening, 2-Panel Vinyl Sliding Glass Door (Milgard Style Line™ Series)	4,730.08	89.97
		For STC 35 Rating, Add	*1,865.57*	
		For STC 44 Rating, Add	*5,232.68*	
01 95 99 99-0138	EA	73-3/4" x 81-3/4" Frame Opening, 2-Panel Vinyl Sliding Glass Door (Milgard Style Line™ Series)	5,196.42	91.11
		For STC 35 Rating, Add	*2,055.83*	
		For STC 44 Rating, Add	*5,766.34*	
01 95 99 99-0139	EA	97-3/4" x 81-3/4" Frame Opening, 2-Panel Vinyl Sliding Glass Door (Milgard Style Line™ Series)	6,948.47	109.33
		For STC 35 Rating, Add	*2,759.23*	
		For STC 44 Rating, Add	*7,739.29*	

01 95 99 99-0140 Premium Vinyl Sliding Glass Doors (Prime Windows Series 8400) *(01 95 99 99-0135)*

Note: Includes any color solid vinyl interior and exterior, standard hardware and clear high-performance Low-E insulating glass. Excludes grilles and insect screens. Minimum STC 35 rating.

01 95 99 99-0141	EA	61-3/4" x 81-3/4" Frame Opening, Vinyl Sliding Glass Door (Prime Windows Series 8400)	7,536.19	89.97
		For Grilles, Add	*294.25*	
		For STC 37, Add	*6,179.27*	
01 95 99 99-0142	EA	73-3/4" x 81-3/4" Frame Opening, Vinyl Sliding Glass Door (Prime Windows Series 8400)	8,656.36	91.11
		For Grilles, Add	*338.97*	
		For STC 37, Add	*7,118.29*	
01 95 99 99-0143	EA	95-1/2" x 81-3/4" Frame Opening, Vinyl Sliding Glass Door (Prime Windows Series 8400)	10,298.09	109.33
		For Grilles, Add	*403.18*	
		For STC 37, Add	*8,466.73*	
01 95 99 99-0144	EA	61-3/4" x 95-1/2" Frame Opening, Vinyl Sliding Glass Door (Prime Windows Series 8400)	8,171.42	98.96
		For Grilles, Add	*318.94*	
		For STC 37, Add	*6,697.73*	
01 95 99 99-0145	EA	73-3/4" x 95-1/2" Frame Opening, Vinyl Sliding Glass Door (Prime Windows Series 8400)	9,540.79	100.22
		For Grilles, Add	*373.61*	
		For STC 37, Add	*7,845.91*	
01 95 99 99-0146	EA	95-1/2" x 95-1/2" Frame Opening, Vinyl Sliding Glass Door (Prime Windows Series 8400)	11,427.24	120.25
		For Grilles, Add	*447.47*	
		For STC 37, Add	*9,396.85*	

01 95 99 99-0147 Residential Storm Doors *(01 95 99 99-0127)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 99 99-0148	EA	Aluminum Residential Storm Door, Tempered Glass, STC 30 With Frame, Trim, Hardware	734.34	91.11
01 95 99 99-0149		**Residential Security Screen** *(01 95 99 99-0127)*		
01 95 99 99-0150	EA	Prehung Steel Security Screen Door, Residential, With Frame, Trim, Hardware	733.05	156.59
01 95 99 99-0151		**Residential Pre-Hung Fire Rated Doors** *(01 95 99 99-0127)*		
		Note: Assembly to include self-closing hinges, seals, threshold, caulking, dead bolt and entry lockset per RSIP specifications.		
01 95 99 99-0152	EA	3' x 7' x 1-3/4" Prehung Solid Core, Fire Rated, Veneer Faced Wood Door	1,324.75	159.43
01 95 99 99-0153	EA	3'-6" x 7' x 1-3/4" Prehung Solid Core, Fire Rated, Veneer Faced Wood Door	1,461.62	167.40
01 95 99 99-0154		**Remove And Reinstall Residential Security Screen Doors** *(01 95 99 99-0127)*		
		Note: Includes reusing existing bolts and fasteners. See CSI section 05 05 23 00-0000 for additional fasteners.		
01 95 99 99-0155	EA	Remove and Reinstall Residential Security Screen Doors Note: Includes 6 lag bolts.	73.99	
01 95 99 99-0156		**Door Assembly** *(01 95 99 99-0127)*		
		Note: All labor, material and equipment to remove and replace existing door slab. Includes STC 40 Paint grade sc. door, hinges, ridged weather stripping, paint and primer per manufacturer specifications. Includes drilling for lockset and deadbolt with up to a 5 1/2" offset, drill for peep hole /doorbell combo, mail slot, and mortise hinges. Reuse of existing Lockset, deadbolt, mail slot, and peephole/doorbell. Per L.A. County Residential Sound Improvement Program Specification (RSIP) 08100 Rated Door. This list may not cover all individual items involved in the new door removal and installation; however it is intended to represent the complete in-place installation of doors.		
01 95 99 99-0157	EA	2'-10" Thru 3' x 7' x 1-3/4" Thick, STC 40, Wood Clad Fiberglass Acoustical Door (Unrated) Note: Includes STC 40 Paint grade sc. door, hinges, weather stripping, paint and primer both sides per manufacturer specifications. Includes drilling for lockset and deadbolt with up to a 5 1/2" offset, drill for peep hole /doorbell combo, mail slot, and mortise hinges. Reuse of existing lockset, deadbolt, mail slot, and peephole/doorbell.	3,139.32	
		For Stain Grade Assembly, Add *Note: Includes stain and varnish per manufacturer's specifications*	*748.20*	
		For Side Lite Assembly, Up To 12", Add	*1,126.91*	
		For Transom Lite, Add	*604.50*	
		For Enlarging Door Opening To 36" Minimum Width, Add	*801.27*	
01 95 99 99-0158		**Residential Hardware** *(01 95 99 99)*		
01 95 99 99-0159	EA	1-5/16" Overall Height, Satin Aluminum Finish, Aluminum Floor Stop (Ives FS430)	32.38	14.24
01 95 99 99-0160	EA	3-3/4" Projection, Residential Rigid Type, Satin Aluminum Finish, Aluminum Wall Stop (Ives 60)	16.76	5.70
01 95 99 99-0161	EA	Satin Brass Finish, Brass Residential Hinge Pin Door Stop (Ives 72)	26.74	11.39
01 95 99 99-0162		**Wood Moldings** *(01 95 99 99)*		
01 95 99 99-0163	LF	1-1/8" Wide Soft Wood Door And Window Molding	5.46	1.82
		For Clear Birch, Add	*0.44*	
		For Clear Mahogany, Oak, Maple Or Walnut, Add	*1.03*	
		For Stain Grade Material (No Finger Joints), Add	*0.25*	
		For Clear Poplar, Add	*0.28*	
01 95 99 99-0164	LF	2-1/2" Wide Soft Wood Door And Window Molding	7.00	1.82
		For Clear Birch, Add	*0.94*	
		For Clear Mahogany, Oak, Maple Or Walnut, Add	*1.73*	
		For Stain Grade Material (No Finger Joints), Add	*0.53*	
		For Clear Poplar, Add	*0.59*	
01 95 99 99-0165	LF	3-1/2" Soft Wood Base Molding, All Dimensions Are Nominal	7.28	1.37
		For Clear Birch, Add	*0.87*	
		For Clear Mahogany, Oak, Maple Or Walnut, Add	*1.68*	
		For Stain Grade Material (No Finger Joints), Add	*0.49*	
		For Clear Poplar, Add	*0.55*	
01 95 99 99-0166		**Wood Repair and Carpentry** *(01 95 99 99)*		
01 95 99 99-0167		**Framing** *(01 95 99 99-0166)*		
01 95 99 99-0168	LF	2" x 4" Pressure Treated Wood Sill	3.32	1.72
01 95 99 99-0169	LF	2" x 6" Pressure Treated Wood Sill	4.10	1.95
01 95 99 99-0170	LF	2" x 4" Wood Stud Framing, For Partition Walls	1.84	0.91
01 95 99 99-0171	LF	2" x 6" Wood Stud Framing, For Partition Walls	2.24	0.98
01 95 99 99-0172		**Headers and Posts** *(01 95 99 99-0166)*		
01 95 99 99-0173		**Timber Beams** *(01 95 99 99-0172)*		
01 95 99 99-0174	LF	4" x 4", Douglas Fir, Heavy Timber Beam	6.52	2.03
01 95 99 99-0175	LF	4" x 6", Douglas Fir, Heavy Timber Beam	7.92	2.12
01 95 99 99-0176	LF	4" x 8", Douglas Fir, Heavy Timber Beam	9.32	2.20
01 95 99 99-0177	LF	4" x 10", Douglas Fir, Heavy Timber Beam	12.12	2.35
01 95 99 99-0178	LF	4" x 12", Douglas Fir, Heavy Timber Beam	14.42	2.50
01 95 99 99-0179	LF	6" x 6", Douglas Fir, Heavy Timber Beam	10.04	2.30
01 95 99 99-0180	LF	6" x 8", Douglas Fir, Heavy Timber Beam	12.07	2.41

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 99 99-0181	LF	6" x 10", Douglas Fir, Heavy Timber Beam	16.28	2.58
01 95 99 99-0182	LF	6" x 12", Douglas Fir, Heavy Timber Beam	19.42	2.64
01 95 99 99-0183	LF	8" x 8", Douglas Fir, Heavy Timber Beam	14.76	2.50
01 95 99 99-0184	LF	8" x 10", Douglas Fir, Heavy Timber Beam	20.00	2.58
01 95 99 99-0185	LF	8" x 12", Douglas Fir, Heavy Timber Beam	24.22	2.64
01 95 99 99-0186		**Timber Columns** *(01 95 99 99-0172)*		
01 95 99 99-0187	LF	4" x 4", Pressure Treated, Heavy Timber Column	4.87	1.07
01 95 99 99-0188	LF	4" x 6", Pressure Treated, Heavy Timber Column	6.61	1.13
01 95 99 99-0189	LF	4" x 8", Pressure Treated, Heavy Timber Column	8.06	1.16
01 95 99 99-0190	LF	4" x 10", Pressure Treated, Heavy Timber Column	11.16	1.24
01 95 99 99-0191	LF	4" x 12", Pressure Treated, Heavy Timber Column	13.66	1.31
01 95 99 99-0192	LF	6" x 6", Pressure Treated, Heavy Timber Column	9.72	1.20
01 95 99 99-0193	LF	6" x 8", Pressure Treated, Heavy Timber Column	12.30	1.25
01 95 99 99-0194	LF	6" x 10", Pressure Treated, Heavy Timber Column	14.99	1.36
01 95 99 99-0195	LF	6" x 12", Pressure Treated, Heavy Timber Column	18.90	1.39
01 95 99 99-0196	LF	8" x 8", Pressure Treated, Heavy Timber Column	19.25	1.31
01 95 99 99-0197	LF	8" x 10", Pressure Treated, Heavy Timber Column	22.66	1.36
01 95 99 99-0198	LF	8" x 12", Pressure Treated, Heavy Timber Column	27.01	1.41
01 95 99 99-0199	LF	10" x 10", Pressure Treated, Heavy Timber Column	27.14	1.41
01 95 99 99-0200	LF	10" x 12", Pressure Treated, Heavy Timber Column	36.59	1.51
01 95 99 99-0201	LF	12" x 12", Pressure Treated, Heavy Timber Column	43.61	1.66
01 95 99 99-0202		**Plywood Catwalks** *(01 95 99 99-0166)*		
01 95 99 99-0203	SF	5/8" AC Fir Plywood Floor Decking Note: Applied to floor or joists.	2.86	0.69
01 95 99 99-0204		**Soffit Framing** *(01 95 99 99-0166)*		
01 95 99 99-0205	LF	2" x 4" Wood Suspended Ceiling Framing	3.56	1.95
01 95 99 99-0206		**Insulation** *(01 95 99 99)*		
01 95 99 99-0207	SF	9-1/2" Thick, Kraft Faced, R-30 Fiberglass Flexible Insulation	2.92	0.57
01 95 99 99-0208	SF	9-1/2" Thick, Unfaced, R-30 Fiberglass Flexible Insulation	2.75	0.57
01 95 99 99-0209	SF	8-1/2" Thick, R-30 Attic, Cellulose Blown In Insulation	2.65	1.58
01 95 99 99-0210	CF	Expansive Foam Sprayed Insulation	22.03	1.58
01 95 99 99-0211		**Drywall, Plaster and Stucco** *(01 95 99 99)*		
01 95 99 99-0212		**Plaster** *(01 95 99 99-0211)*		
01 95 99 99-0213	SF	Up To 10 SF, Cut And Patch Hole In Plaster To Match Existing	20.72	
01 95 99 99-0214	SF	>10 To 50 SF, Cut And Patch Hole In Plaster To Match Existing	18.34	
01 95 99 99-0215		**Stucco** *(01 95 99 99-0211)*		
01 95 99 99-0216	SF	Up To 10 SF, Chip, Clean And Repair Plaster/Stucco	39.06	
01 95 99 99-0217	SF	>10 To 50 SF, Chip, Clean And Repair Plaster/Stucco	28.36	
01 95 99 99-0218		**Lath** *(01 95 99 99-0211)*		
01 95 99 99-0219	SF	2.5 LB/SY, Installed On Studs Or Furred Walls, Flat Diamond, Expanded Metal Lath	2.78	0.65
		For Stainless Steel, Add	*0.86*	
01 95 99 99-0220	LF	Stucco Key Replacement Note: Includes removal of existing.	5.76	0.65
01 95 99 99-0221	LF	Galvanized Weep Screed	4.17	0.65
01 95 99 99-0222	CSF	Two Layer Kraft Paper Laminated With Asphalt, Grade "B" Building Paper (Aquabar B)	31.53	
01 95 99 99-0223		**Drywall** *(01 95 99 99-0211)*		
01 95 99 99-0224	SF	Up To 2 SF, Cut And Patch Hole In Drywall To Match Existing Note: Per location.	22.27	
01 95 99 99-0225	SF	>2 To 4 SF, Cut And Patch Hole In Drywall To Match Existing Note: Per location.	17.99	
01 95 99 99-0226	SF	>4 To 8 SF, Cut And Patch Hole In Drywall To Match Existing Note: Per location.	16.16	
01 95 99 99-0227	SF	>8 To 16 SF, Cut And Patch Hole In Drywall To Match Existing Note: Per location.	14.25	
01 95 99 99-0228	SF	>16 To 32 SF, Cut And Patch Hole In Drywall To Match Existing Note: Per location. See CSI section 09 29 10 00-0001 for "Gypsum Board" repairs > 32 SF.	12.76	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 99 99-0229	SF	1/2" Gypsum Board	1.71	0.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.28*	
		For Adhesive Applied Sheets, Add	*0.12*	
		Note: Includes bracing until adhesive is bonded		
		For Foil Back Board, Add	*0.10*	
		For Horizontal Installation Up To 10' High, Add	*0.40*	
		For Horizontal Installation >10' High, Add	*0.59*	
		For Walls >10' High, Add	*0.09*	
		For Up To 128, Add	*0.58*	
		For >128 To 320, Add	*0.35*	
		For >1,536, Deduct	*-0.14*	
01 95 99 99-0230	SF	5/8" Gypsum Board	2.02	0.67
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.32*	
		For Adhesive Applied Sheets, Add	*0.13*	
		Note: Includes bracing until adhesive is bonded		
		For Foil Back Board, Add	*0.10*	
		For Horizontal Installation Up To 10' High, Add	*0.46*	
		For Horizontal Installation >10' High, Add	*0.68*	
		For Walls >10' High, Add	*0.11*	
		For Up To 128, Add	*0.68*	
		For >128 To 320, Add	*0.41*	
		For >1,536, Deduct	*-0.17*	

01 95 99 99-0231 Painting, Touch Up *(01 95 99 99)*

01 95 99 99-0232	SF	Paint Touch Up Interior Plaster/Drywall Walls, 1 Coat Primer, Brush Roller Work	0.74	
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
01 95 99 99-0233	SF	Paint Touch Up Interior Plaster/Drywall Walls, 2 Coats Paint, Brush Roller Work	1.50	
		For Up To 100, Add	*0.94*	
		For >100 To 250, Add	*0.45*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.30*	
01 95 99 99-0234	SF	Paint Touch Up Interior Plaster/Drywall Walls, 1 Coat Primer, Sprayed	0.62	
		For Up To 100, Add	*0.34*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	
01 95 99 99-0235	SF	Paint Touch Up Interior Plaster/Drywall Walls, 2 Coats Paint, Sprayed	1.16	
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
01 95 99 99-0236	SF	Paint Touch Up Interior Acoustical Ceiling, 1 Coat Primer, Brush/Roller Work	0.87	
		For Up To 100, Add	*0.55*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
01 95 99 99-0237	SF	Paint Touch Up Interior Acoustical Ceiling, 2 Coats Paint, Brush/Roller Work	1.60	
		For Up To 100, Add	*1.03*	
		For >100 To 250, Add	*0.49*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.32*	
01 95 99 99-0238	SF	Paint Touch Up Interior Acoustical Ceiling, 1 Coat Primer, Sprayed	0.81	
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 99 99-0239	SF	Paint Touch Up Interior Acoustical Ceiling, 2 Coats Paint, Sprayed	1.27	
		For Up To 100, Add	*0.74*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.25*	
01 95 99 99-0240		**Flooring** *(01 95 99 99)*		
01 95 99 99-0241	SF	1/2" Thick, Red Oak, Prefinished Engineered Wood Flooring	15.73	1.14
		For Up To 20, Add	*4.37*	
		For >20 To 50, Add	*2.47*	
		For >20 To 50, Add	*2.47*	
		For >100 To 300, Add	*0.62*	
01 95 99 99-0242	SF	0.08" Inlaid Sheet Vinyl Floor, Mannington Fine Fields #10146	9.35	0.70
		For >40 To 100, Add	*1.88*	
		For >1,000, Deduct	*-0.79*	
01 95 99 99-0243	SF	1/8" Thick, Vinyl Composition Tile (VCT) (Armstrong® Standard Excelon Imperial Texture®)	4.20	1.41
		For Extra Stock, Material Only, Deduct	*-1.65*	
		For Up To 100, Add	*0.30*	
		For Modified Urethane Adhesive (Armstrong S-1000) Instead Of Water-Based/Latex-Resin, Add	*0.79*	
01 95 99 99-0244	SY	7/16" Thick, Rebonded, 6 LB/CF	9.68	2.94
01 95 99 99-0245	SY	22 Ounce, Medium Traffic, Non Patterned, Nylon Broadloom Carpet	51.22	23.23
		For Up To 15, Add	*3.10*	
		For >15 To 33, Add	*1.55*	
		For >200 To 400, Deduct	*-0.71*	
		For >400 To 600, Deduct	*-1.07*	
		For >600 To 900, Deduct	*-2.02*	
		For >900, Deduct	*-2.97*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
01 95 99 99-0246	SF	Mounted Floor Tile, Residential Grade, Thin-Set Mortar Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets.	11.66	3.09
		For >1,000, Deduct	*-0.77*	
		For Up To 50, Add	*8.71*	
		For >50 To 250, Add	*1.54*	
01 95 99 99-0247	SF	1/8" Thick, Vinyl Composition Tile (VCT) (Armstrong® Standard Excelon® Imperial® Texture with Diamond 10® Technology Coating)	5.12	1.41
		For Up To 100, Add	*0.34*	
		For Modified Urethane Adhesive (Armstrong S-1000) Instead Of Water-Based/Latex-Resin, Add	*0.79*	
01 95 99 99-0248	SF	1/8" Thick, Vinyl Composition Tile (VCT) (Armstrong® Standard Excelon® MultiColor™ with Diamond 10® Technology Coating)	5.12	1.41
		For Up To 100, Add	*0.34*	
		For Modified Urethane Adhesive (Armstrong S-1000) Instead Of Water-Based/Latex-Resin, Add	*0.79*	
01 95 99 99-0249	SF	1/8" Thick, Vinyl Composition Tile (VCT) (Armstrong® Premium Excelon® Raffia® Stream™ with Diamond 10® Technology Coating)	6.69	1.41
		For Up To 100, Add	*0.42*	
		For Modified Urethane Adhesive (Armstrong S-1000) Instead Of Water-Based/Latex-Resin, Add	*0.79*	
01 95 99 99-0250	SF	1/8" Thick, Vinyl Composition Tile (VCT) (Armstrong® Striations BBT™ with Diamond 10® Technology Coating)	8.67	1.41
		For Up To 100, Add	*0.52*	
		For Modified Urethane Adhesive (Armstrong S-1000) Instead Of Water-Based/Latex-Resin, Add	*0.79*	
01 95 99 99-0251		**HVAC** *(01 95 99 99)*		
01 95 99 99-0252		**Residential Split System Heat Pump HVAC Assembly** *(01 95 99 99-0251)* Note: All labor, material, Energy calculations, testing (HERS, AIR BALANCING & TITLE 24) and Drawings (Engineered Design, shop drawings & Final As-Built) and represents a complete, in place and fully functioning title 24 compliant system. Units comply with PCC and are 15 SEER minimum. Includes 7 day programable thermostat with up to 50 LF of wire (model), all duct work (supply, return, fresh air), dampers, Plenums, all supply registers, interior air return register, exterior fresh air intake grilles, refrigerants, air filters, penetrations, seismic bracing, cat walks, vibration isolation, all hangers, all straps, fasteners, caulking, sealants, Refrigerant line sets (up to 30 LF), UV protected condensate drains (Up to 50 LF), 26 Ga painted sheet metal line set covers (up to 10 LF) & 4" thick 2' x 2' concrete condenser pads. This list may not cover all individual items involved in the new system, however it is intended to represent the installation of the complete operational and in place system in its entirety.		
01 95 99 99-0253	EA	1.5 – 2.5 Ton Residential Split System Condenser/Heat Pump, Air Handler With Coils, And Refrigerant Dryer (Up To 1,250SF) Note: Includes R 6.0 Insulated Duct; Up to 10 LF of 14"; Up to 20 LF of 12", Up to 20 LF of 10", Up to 30 LF of 8", Up to 20 LF of 6". Up to 15 LF and up to 8" fresh air intake duct with backdraft & volume damper with1/4" wire mesh, supply registers with damper up to 3- 6"x6", up to 3- 8"x8", up to 3- 10"x 10", up to 2- 12"x12", Up to 24"x30" return air grille with filter rack, up to 8" fresh air grille.	9,742.45	
		For Additional LF Of 12" R6.0 Insulated Duct Above Allowance, Add Per LF	*27.55*	
		For Additional LF Of 10" R6.0 Insulated Duct Above Allowance, Add Per LF	*20.61*	
		For Additional LF Of 8" R6.0 Insulated Duct Above Allowance, Add Per LF	*15.91*	
		For Additional LF Of 6" R6.0 Insulated Duct Above Allowance, Add Per LF	*11.77*	
		For Additional LF Of Up To 8" Fresh Air Duct Above Allowance, Add Per LF	*13.94*	
		For Additional 6" x 6" Supply Register With Damper, Add Per EA	*134.70*	
		For Additional 8" x 8" Supply Register With Damper, Add Per EA	*149.71*	
		For Additional 10" x 10" Supply Register With Damper, Add Per EA	*179.86*	
		For Additional LF Of Insulated Line Set And Refrigerant Charge, Add Per LF	*15.44*	
		For Additional LF Of Condensate Drain, Add Per LF	*7.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 99 99-0254	EA	3.0 – 4.0 Ton Residential Split System Condenser/Heat Pump, Air Handler With Coils, And Refrigerant Dryer (Up To 2,000SF) Note: Includes R 6.0 Insulated Duct; Up to 10 LF of 14"; Up to 20 LF of 12", Up to 20 LF of 10", Up to 30 LF of 8", Up to 20 LF of 6". Up to 15 LF and up to 8" fresh air intake duct with backdraft & volume damper with1/4" wire mesh, supply registers with damper up to 3- 6"x6", up to 3- 8"x8", up to 3- 10"x 10", up to 2- 12"x12", Up to 24"x30" return air grille with filter rack, up to 8" fresh air grille.	11,270.33	
		For Additional LF Of 12" R6.0 Insulated Duct Above Allowance, Add Per LF	*27.55*	
		For Additional LF Of 10" R6.0 Insulated Duct Above Allowance, Add Per LF	*20.61*	
		For Additional LF Of 8" R6.0 Insulated Duct Above Allowance, Add Per LF	*15.91*	
		For Additional LF Of 6" R6.0 Insulated Duct Above Allowance, Add Per LF	*11.77*	
		For Additional LF Of Up To 8" Fresh Air Duct Above Allowance, Add Per LF	*13.94*	
		For Additional 6" x 6" Supply Register With Damper, Add Per EA	*134.70*	
		For Additional 8" x 8" Supply Register With Damper, Add Per EA	*149.71*	
		For Additional 10" x 10" Supply Register With Damper, Add Per EA	*179.86*	
		For Additional LF Of Insulated Line Set And Refrigerant Charge, Add Per LF	*15.44*	
		For Additional LF Of Condensate Drain, Add Per LF	*7.07*	
01 95 99 99-0255	EA	5.0 Ton Residential Split System Condenser/Heat Pump, Air Handler With Coils, And Refrigerant Dryer (Up To 3,000SF) Note: Includes R 6.0 Insulated Duct; Up to 10 LF of 14"; Up to 20 LF of 12", Up to 20 LF of 10", Up to 30 LF of 8", Up to 20 LF of 6". Up to 15 LF and up to 8" fresh air intake duct with backdraft & volume damper with1/4" wire mesh, supply registers with damper up to 3- 6"x6", up to 3- 8"x8", up to 3- 10"x 10", up to 2- 2- 12"x12", Up to 24"x30" return air grille with filter rack, up to 8" fresh air grille.	13,971.47	
		For Additional LF Of 12" R6.0 Insulated Duct Above Allowance, Add Per LF	*27.55*	
		For Additional LF Of 10" R6.0 Insulated Duct Above Allowance, Add Per LF	*20.61*	
		For Additional LF Of 8" R6.0 Insulated Duct Above Allowance, Add Per LF	*15.91*	
		For Additional LF Of 6" R6.0 Insulated Duct Above Allowance, Add Per LF	*11.77*	
		For Additional LF Of Up To 8" Fresh Air Duct Above Allowance, Add Per LF	*13.94*	
		For Additional 6" x 6" Supply Register With Damper, Add Per EA	*134.70*	
		For Additional 8" x 8" Supply Register With Damper, Add Per EA	*149.71*	
		For Additional 10" x 10" Supply Register With Damper, Add Per EA	*179.86*	
		For Additional LF Of Insulated Line Set And Refrigerant Charge, Add Per LF	*15.44*	
		For Additional LF Of Condensate Drain, Add Per LF	*7.07*	

01 95 99 99-0256 Residential Split System Gas Fired HVAC Assembly *(01 95 99 99-0251)*

Note: All labor, material, Energy calculations, testing (HERS, AIR BALANCING & TITLE 24) and Drawings (Engineered Design, shop drawings & Final As-Built) and represents a complete, in place and fully functioning title 24 compliant system. Units comply with PCC and are 15 SEER minimum. Includes 7 day programable thermostat with up to 50 LF of wire (model), all duct work (supply, return, fresh air), dampers, Plenums, all supply registers, interior air return register, exterior fresh air intake grilles, refrigerants, air filters, penetrations, seismic bracing, cat walks, vibration isolation, all hangers, all straps, fasteners, caulking, sealants, Refrigerant line sets (up to 30 LF), UV protected condensate drains (Up to 50 LF), 26 Ga painted sheet metal line set covers (up to 10 LF) & 4" thick 2' x 2' concrete condenser pads. This list may not cover all individual items involved in the new system, however it is intended to represent the installation of the complete operational and in place system in its entirety.

01 95 99 99-0257	EA	1.5 – 2.5 Ton Residential Split System Condenser, Gas Fired Air Handler With Coils, And Refrigerant Dryer (Up To 1,250SF) Note: Includes R 6.0 Insulated Duct; Up to 10 LF of 14"; Up to 20 LF of 12", Up to 20 LF of 10", Up to 30 LF of 8", Up to 20 LF of 6". Up to 15 LF and up to 8" fresh air intake duct with backdraft & volume damper with1/4" wire mesh, supply registers with damper up to 3- 6"x6", up to 3- 8"x8", up to 3- 10"x 10", up to 2- 12"x12", Up to 24"x30" return air grille with filter rack, up to 8" fresh air grille.	10,329.42	
		For Additional LF Of 12" R6.0 Insulated Duct Above Allowance, Add Per LF	*27.55*	
		For Additional LF Of 10" R6.0 Insulated Duct Above Allowance, Add Per LF	*20.61*	
		For Additional LF Of 8" R6.0 Insulated Duct Above Allowance, Add Per LF	*15.91*	
		For Additional LF Of 6" R6.0 Insulated Duct Above Allowance, Add Per LF	*11.77*	
		For Additional LF Of Up To 8" Fresh Air Duct Above Allowance, Add Per LF	*13.94*	
		For Additional 6" x 6" Supply Register With Damper, Add Per EA	*134.70*	
		For Additional 8" x 8" Supply Register With Damper, Add Per EA	*149.71*	
		For Additional 10" x 10" Supply Register With Damper, Add Per EA	*179.86*	
		For Additional LF Of Insulated Line Set And Refrigerant Charge, Add Per LF	*15.44*	
		For Additional LF Of Condensate Drain, Add Per LF	*7.07*	
01 95 99 99-0258	EA	3.0 – 4.0 Ton Residential Split System Condenser, Gas Fired Air Handler With Coils, And Refrigerant Dryer (Up To 2,000SF) Note: Includes R 6.0 Insulated Duct; Up to 10 LF of 14"; Up to 20 LF of 12", Up to 20 LF of 10", Up to 30 LF of 8", Up to 20 LF of 6". Up to 15 LF and up to 8" fresh air intake duct with backdraft & volume damper with1/4" wire mesh, supply registers with damper up to 3- 6"x6", up to 3- 8"x8", up to 3- 10"x 10", up to 2- 12"x12", Up to 24"x30" return air grille with filter rack, up to 8" fresh air grille.	12,280.43	
		For Additional LF Of 12" R6.0 Insulated Duct Above Allowance, Add Per LF	*27.55*	
		For Additional LF Of 10" R6.0 Insulated Duct Above Allowance, Add Per LF	*20.61*	
		For Additional LF Of 8" R6.0 Insulated Duct Above Allowance, Add Per LF	*15.91*	
		For Additional LF Of 6" R6.0 Insulated Duct Above Allowance, Add Per LF	*11.77*	
		For Additional LF Of Up To 8" Fresh Air Duct Above Allowance, Add Per LF	*13.94*	
		For Additional 6" x 6" Supply Register With Damper, Add Per EA	*134.70*	
		For Additional 8" x 8" Supply Register With Damper, Add Per EA	*149.71*	
		For Additional 10" x 10" Supply Register With Damper, Add Per EA	*179.86*	
		For Additional LF Of Insulated Line Set And Refrigerant Charge, Add Per LF	*15.44*	
		For Additional LF Of Condensate Drain, Add Per LF	*7.07*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 99 99-0259	EA	5.0 Ton Residential Split System Condenser, Gas Fired Air Handler With Coils, And Refrigerant Dryer (Up To 3,000SF)	14,623.55	
		Note: Includes R 6.0 Insulated Duct; Up to 10 LF of 14"; Up to 20 LF of 12", Up to 20 LF of 10", Up to 30 LF of 8", Up to 20 LF of 6". Up to 15 LF and up to 8" fresh air intake duct with backdraft & volume damper with1/4" wire mesh, supply registers with damper up to 3- 6"x6", up to 3- 8"x8", up to 3- 10"x 10", up to 2- 2- 12"x12", Up to 24"x30" return air grille with filter rack, up to 8" fresh air grille.		
		For Additional LF Of 12" R6.0 Insulated Duct Above Allowance, Add Per LF	*27.55*	
		For Additional LF Of 10" R6.0 Insulated Duct Above Allowance, Add Per LF	*20.61*	
		For Additional LF Of 8" R6.0 Insulated Duct Above Allowance, Add Per LF	*15.91*	
		For Additional LF Of 6" R6.0 Insulated Duct Above Allowance, Add Per LF	*11.77*	
		For Additional LF Of Up To 8" Fresh Air Duct Above Allowance, Add Per LF	*13.94*	
		For Additional 6" x 6" Supply Register With Damper, Add Per EA	*134.70*	
		For Additional 8" x 8" Supply Register With Damper, Add Per EA	*149.71*	
		For Additional 10" x 10" Supply Register With Damper, Add Per EA	*179.86*	
		For Additional LF Of Insulated Line Set And Refrigerant Charge, Add Per LF	*15.44*	
		For Additional LF Of Condensate Drain, Add Per LF	*7.07*	

01 95 99 99-0260 Indoor Units *(01 95 99 99-0251)*

01 95 99 99-0261	EA	7,500 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners	972.35	192.75
		Note: Includes indoor unit and wireless thermostat.		
		For Additional LF Of Insulated Line Set And Refrigerant Charge, Add Per LF	*15.44*	
01 95 99 99-0262	EA	9,000 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners	1,028.50	204.80
		Note: Includes indoor unit and wireless thermostat.		
		For Additional LF Of Insulated Line Set And Refrigerant Charge, Add Per LF	*15.44*	
01 95 99 99-0263	EA	11,900 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners	1,085.55	216.84
		Note: Includes indoor unit and wireless thermostat.		
		For Additional LF Of Insulated Line Set And Refrigerant Charge, Add Per LF	*15.44*	
01 95 99 99-0264	EA	17,500 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners	1,224.30	228.89
		Note: Includes indoor unit and wireless thermostat.		
		For Additional LF Of Insulated Line Set And Refrigerant Charge, Add Per LF	*15.44*	
01 95 99 99-0265	EA	24,200 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners	1,309.18	240.94
		Note: Includes indoor unit and wireless thermostat.		
		For Additional LF Of Insulated Line Set And Refrigerant Charge, Add Per LF	*15.44*	

01 95 99 99-0266 Outdoor Units *(01 95 99 99-0251)*

01 95 99 99-0267	EA	19,700 BTU, 16.5 SEER, Outdoor Unit, Wall Mounted Ductless Split System Air Conditioners	2,643.37	289.12
		Note: Includes outdoor unit and refrigerant charge.		
01 95 99 99-0268	EA	25,400 BTU, 16.2 SEER, Outdoor Unit, Wall Mounted Ductless Split System Air Conditioners	2,923.55	313.21
		Note: Includes outdoor unit and refrigerant charge.		
01 95 99 99-0269	EA	30,600 BTU, 17.6 SEER, Outdoor Unit, Wall Mounted Ductless Split System Air Conditioners	4,586.24	337.31
		Note: Includes outdoor unit and refrigerant charge.		

01 95 99 99-0270 Heat Pumps *(01 95 99 99-0251)*

01 95 99 99-0271	EA	9,000 BTU Cooling, 12,200 BTU Heating, 16 SEER, Wall Mounted Ductless Split System Heat Pumps	2,425.49	397.54
		Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
		For Additional LF Of Insulated Line Set And Refrigerant Charge, Add Per LF	*15.44*	
01 95 99 99-0272	EA	11,900 BTU Cooling, 13,300 BTU Heating, 17 SEER, Wall Mounted Ductless Split System Heat Pumps	2,680.12	433.68
		Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
		For Additional LF Of Insulated Line Set And Refrigerant Charge, Add Per LF	*15.44*	
01 95 99 99-0273	EA	17,500 BTU Cooling, 20,400 BTU Heating, 20 SEER, Wall Mounted Ductless Split System Heat Pumps	3,261.12	481.87
		Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
		For Additional LF Of Insulated Line Set And Refrigerant Charge, Add Per LF	*15.44*	
01 95 99 99-0274	EA	24,200 BTU Cooling, 29,000 BTU Heating, 17 SEER, Wall Mounted Ductless Split System Heat Pumps	3,749.66	530.06
		Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
		For Additional LF Of Insulated Line Set And Refrigerant Charge, Add Per LF	*15.44*	
01 95 99 99-0275	EA	25,200 BTU Cooling, 29,200 BTU Heating, 14.9 SEER, Wall Mounted Ductless Split System Heat Pumps	5,276.88	578.24
		Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
		For Additional LF Of Insulated Line Set And Refrigerant Charge, Add Per LF	*15.44*	
01 95 99 99-0276	EA	29,800 BTU Cooling, 34,800 BTU Heating, 15 SEER, Wall Mounted Ductless Split System Heat Pumps	6,097.49	602.34
		Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
		For Additional LF Of Insulated Line Set And Refrigerant Charge, Add Per LF	*15.44*	
01 95 99 99-0277	EA	31,400 BTU Cooling, 36,400 BTU Heating, 15.9 SEER, Wall Mounted Ductless Split System Heat Pumps	6,684.29	642.09
		Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
		For Additional LF Of Insulated Line Set And Refrigerant Charge, Add Per LF	*15.44*	

01 95 99 99-0278 Blended Filtered Ventilation System *(01 95 99 99-0251)*

Note: Complete assembly. Includes, installation, registers, duct work, wall penetrations for fresh air, cutting in ceiling and wall registers on interior. Hooking up control wires and electrical. Does not include electrical runs

01 95 99 99-0279	EA	Blended Filtered Ventilation System (Aldes BV150)	813.00	58.76
		For Duct, Add Per LF	*9.55*	
		For Control Run, Add Per LF	*0.68*	
		For Return Register, Add Per Each	*172.49*	
		For Supply Register, Add Per Each	*220.41*	
01 95 99 99-0280	EA	Blended Filtered Ventilation System (Aldes BV300)	1,228.94	71.82
		For Duct, Add Per LF	*11.77*	
		For Control Run, Add Per LF	*0.68*	
		For Return Register, Add Per Each	*172.49*	
		For Supply Register, Add Per Each	*220.41*	
01 95 99 99-0281	EA	4" Exhaust Port, Multiport Exhaust Fans (Aldes MPVS200)	522.82	65.29
		For Duct, Add Per LF	*9.55*	
		For Control Run, Add Per LF	*0.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 99 99-0282	EA	6" Exhaust Port, Multiport Exhaust Fans (Aldes MPVS200)	547.12	65.29
		For Duct, Add Per LF	*11.77*	
		For Control Run, Add Per LF	*0.68*	
01 95 99 99-0283		**Automatic Condensate Pump With Tank** *(01 95 99 99-0251)*		
01 95 99 99-0284	EA	1/20 HP Automatic Condensate Pump With Tank (Hartell KT-15-1UL)	129.53	27.54
01 95 99 99-0285	EA	1/30 HP Automatic Condensate Pump With Tank (Little Giant VCMX-20)	138.51	27.54
01 95 99 99-0286	EA	1/50 HP, 200 GPH (Max) Automatic Condensate Removal Pump With Safety Switch (Little Giant VCL-14ULS)	232.82	35.80
01 95 99 99-0287		**Chase Cover** *(01 95 99 99-0251)*		
01 95 99 99-0288	SF	Metal Track And Cover Chase Note: Up to 24'-6"	34.87	3.44
01 95 99 99-0289		**Remove Wall Heater** *(01 95 99 99-0251)*		
01 95 99 99-0290	EA	Removal Of Wall Heater And Cap Gas	345.21	
01 95 99 99-0291		**Schedule 40 Polyvinyl Chloride (PVC) Non-Pressure Pipe Assemblies** *(01 95 99 99-0251)* Note: Includes pipe and all fittings (straps, couplings, elbows, tees, threaded adapter and reducer fittings). For HVAC condensate drain lines.		
01 95 99 99-0292	LF	1/2" Schedule 40 Polyvinyl Chloride (PVC) Non-Pressure Pipe And Fittings Assembly	10.81	3.15
		For Work In Restricted Working Space, Add	*2.99*	
01 95 99 99-0293	LF	3/4" Schedule 40 Polyvinyl Chloride (PVC) Non-Pressure Pipe And Fittings Assembly	14.42	3.93
		For Work In Restricted Working Space, Add	*3.72*	
01 95 99 99-0294	LF	1" Schedule 40 Polyvinyl Chloride (PVC) Non-Pressure Pipe And Fittings Assembly	15.69	4.19
		For Work In Restricted Working Space, Add	*4.28*	
01 95 99 99-0295		**Plumbing** *(01 95 99 99)*		
01 95 99 99-0296		**Piping** *(01 95 99 99-0295)*		
01 95 99 99-0297	LF	1/2" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies.	24.47	3.35
01 95 99 99-0298	LF	3/4" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies.	28.58	4.31
01 95 99 99-0299	LF	1" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	31.90	5.14
01 95 99 99-0300	LF	1-1/4" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	36.52	5.98
01 95 99 99-0301	LF	1-1/2" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	41.03	6.82
01 95 99 99-0302		**Water Heaters** *(01 95 99 99-0295)*		
01 95 99 99-0303	EA	40 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smith GCV-40)	1,694.72	236.12
01 95 99 99-0304	EA	Minimum 9 GPM, 150,000 BTU,Tankless, Domestic Water Heater Note: Includes up to 15' of 3/4" gas line upgrade.	2,142.67	179.34
01 95 99 99-0305	EA	Removal And Reinstallation Of Water Heater Gas Fired, Up To 86 Gallon	543.43	
01 95 99 99-0306	EA	Earthquake Straps For Up To 80 Gallon Water Heater	63.01	11.96
01 95 99 99-0307	EA	Minimum 9 GPM, Tankless, Electric Domestic Water Heater (Rheem ECOH180DVLN-1)	3,179.69	179.34
01 95 99 99-0308	EA	1/2" x 1/2" Temperature And Pressure Relief Valve, Bronze Body, Threaded, Residential	75.86	30.48
01 95 99 99-0309	EA	3/4" x 3/4" Temperature And Pressure Relief Valve, Bronze Body, Threaded, Residential	90.16	36.58
01 95 99 99-0310	EA	21" x 21" x 18" High, 18 Gauge, Water Heater Stand	132.30	17.93
01 95 99 99-0311	EA	24" x 24" x 18" High, 16 Gauge, Water Heater Stand	236.74	17.93
01 95 99 99-0312	EA	22" Diameter, Plastic Water Heater Pan With PVC Drain Connection	37.72	8.97
01 95 99 99-0313	EA	24" Diameter, Plastic Water Heater Pan With PVC Drain Connection	40.93	8.97
01 95 99 99-0314	EA	26" Diameter, Plastic Water Heater Pan With PVC Drain Connection	45.45	8.97
01 95 99 99-0315	EA	20" Diameter, Aluminum Water Heater Pan With PVC Drain Connection	67.95	8.97
01 95 99 99-0316	EA	22" Diameter, Aluminum Water Heater Pan With PVC Drain Connection	73.98	8.97
01 95 99 99-0317	EA	24" Diameter, Aluminum Water Heater Pan With PVC Drain Connection	78.00	8.97
01 95 99 99-0318	EA	26" Diameter, Aluminum Water Heater Pan With PVC Drain Connection	85.46	8.97
01 95 99 99-0319	EA	24" x 26.5" x 76.5" Galvanized Steel Water Heater Enclosure (Holdrite QS-E24-H)	386.49	74.73
01 95 99 99-0320	EA	30" x 30" x 74" Galvanized Steel Water Heater Enclosure (Holdrite QS-E30)	419.62	59.78
01 95 99 99-0321		**Vent Piping** *(01 95 99 99-0295)*		
01 95 99 99-0322	LF	4" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	36.61	11.33
01 95 99 99-0323	LF	5" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	40.45	12.05
01 95 99 99-0324	EA	4" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	96.17	22.65
01 95 99 99-0325	EA	5" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	107.34	24.09
01 95 99 99-0326	EA	4" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	79.56	22.65
01 95 99 99-0327	EA	5" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	87.11	24.09
01 95 99 99-0328	EA	4" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	62.63	17.59
01 95 99 99-0329	EA	5" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	80.81	19.28
01 95 99 99-0330	EA	4" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	73.79	22.65

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 99 99-0331	EA	5" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	92.79	25.66
01 95 99 99-0332	EA	4" Round Galvanized Storm Collar, Double Wall	33.30	11.57
01 95 99 99-0333	EA	5" Round Galvanized Storm Collar, Double Wall	39.20	13.49

01 95 99 99-0334 Electrical *(01 95 99 99)*

01 95 99 99-0335 Electrical Panel Assembly *(01 95 99 99-0334)*

Note: All labor, material and equipment to remove and replace existing panel with new electrical panel. New panel shall include removal and reinstallation, including drilling and anchors. Installation of new panel shall include lockout/tagout, all fittings and connectors, breakers, torque and terminations, and testing. New panel shall include any/all circuit tracing, all required grounding including 2 ground rods and 1 cold water ground and gas ground. Installation of new panel shall also include any/all patch paint of surrounding plaster or drywall surfaces, patch/paint repair shall match existing to 90%.

01 95 99 99-0336	EA	Single Family Electrical Panel: 100 Amp Main Breaker, Indoor, 12 – 20 Amp Breakers, 120/240V, 1 Phase Assembled Panel Board, 1 Pole Breakers, 20 Circuit Capacity	3,366.81
		Note: Remove and replace existing panels including any/all patch of surrounding surfaces, up to 2 sf and paint to match to 90%, paint to be feathered in. Includes installation of 2 grounding rod and 1 cold water grounding and gas grounding. Includes lock out and tag out. Includes drilling and mounting anchors. Includes connection of main service. Includes conduit connectors for flex or emt. Includes terminations and torque. Any/all circuit tracing is included. Symmetrical raceway (expected quality). Wire label and Panel Scheduling Included for all circuits. Includes Vertical riser and weather head. NEC/Code Compliant.	
		For Additional Breaker, Add Per Each	*63.69*
		For NEMA 3R Panel With Waterproof Hubs, Add	*628.15*
01 95 99 99-0337	EA	Single Family Electrical Panel: 225 Amp Main Breaker, Indoor, 20 – 20 Amp Breakers, 120/240V, 1 Phase Assembled Panel Board, 1 Pole Breakers, 24 Circuit Capacity	4,234.82
		Note: Remove and replace existing panels including any/all patch of surrounding surfaces, up to 2 sf and paint to match to 90%, paint to be feathered in. Includes installation of 2 grounding rod and 1 cold water grounding and gas grounding. Includes lock out and tag out. Includes drilling and mounting anchors. Includes connection of main service. Includes conduit connectors for flex or emt. Includes terminations and torque. Any/all circuit tracing is included. Symmetrical raceway (expected quality). Wire label and Panel Scheduling Included for all circuits. Includes Vertical riser and weather head. NEC/Code Compliant.	
		For Additional Breaker, Add Per Each	*63.69*
		For NEMA 3R Panel With Waterproof Hubs, Add	*826.80*
01 95 99 99-0338	EA	Multi-Family Electrical Panel: 400 Amp Rating, 36- 20 Amp breakers, 120/208V, 4 Wire, 1 Phase Assembled Panelboard, >225 To 400 Amp Main Breaker, 1 Pole Breakers, 54 Circuit Capacity	6,811.36
		Note: Remove and replace existing panels including any/all patch of surrounding surfaces, up to 2 sf and paint to match to 90%, paint to be feathered in. Includes installation of 2 grounding rod and 1 cold water grounding and gas grounding. Includes lock out and tag out. Includes drilling and mounting anchors. Includes connection of main service. Includes conduit connectors for flex or emt. Includes terminations and torque. Any/all circuit tracing is included. Symmetrical raceway (expected quality). Wire label and Panel Scheduling Included for all circuits. Includes Vertical riser and weather head. NEC/Code Compliant.	
		For Additional Breaker, Add Per Each	*63.69*
		For NEMA 3R Panel With Waterproof Hubs, Add	*780.90*
		For Door in Door (Hinged) Trim Front, Add	*614.39*

01 95 99 99-0339 Demolition and Isolation *(01 95 99 99-0334)*

01 95 99 99-0340	LF	Remove Overhead Electrical Lines From Buildings	1.28	
01 95 99 99-0341	EA	Knob And Tube Disconnection And Isolation	32.08	

01 95 99 99-0342 Main Panels and Subpanels *(01 95 99 99-0334)*

01 95 99 99-0343	EA	100 Amp Main Breaker, Indoor, 18 Circuit, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers	1,702.31	641.48
01 95 99 99-0344	EA	200 Amp Main Breaker, Indoor, 24 Circuit, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers	2,253.04	790.05
01 95 99 99-0345	EA	1 Pole, 120/240 Volt, 15-30 Amp, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity	63.69	23.09
01 95 99 99-0346	EA	2 Pole, 120/240 Volt, 15-30 Amp, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity	105.53	34.64
01 95 99 99-0347	EA	2 Pole, 120/240 Volt, 35-60 Amp, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity	105.53	34.64
01 95 99 99-0348	EA	30 Amp, AC Disconnect	133.66	54.52
01 95 99 99-0349	EA	60 Amp, AC Disconnect	154.50	60.94
01 95 99 99-0350	EA	40 Amp, Outdoor Assembled Sub Panel	213.77	76.98
01 95 99 99-0351	EA	60 Amp, Outdoor Assembled Sub Panel	233.37	89.81

01 95 99 99-0352 Grounding And Bonding For Electrical Systems *(01 95 99 99-0334)*

01 95 99 99-0353	EA	1/2" Diameter x 8' Long Copper-Clad Ground Rods	106.50	96.22
01 95 99 99-0354	EA	1/2" Bronze Ground Rod Clamp	25.09	14.50
01 95 99 99-0355	EA	1/2" To 1" Bronze Pipe Ground Clamps	33.88	24.12
01 95 99 99-0356	EA	Up To #6 AWG Cadweld Connection For Splice, Lug, Ground Rod, Rebar Or Structural Steel	148.77	
		Note: Includes molds, materials and all necessary tools to make connections.		
01 95 99 99-0357	EA	14-8 AWG Copper Ground Kit For Circuit Breaker Panels	81.91	32.08

01 95 99 99-0358 Conduit, Raceways, And Wire *(01 95 99 99-0334)*

01 95 99 99-0359 Electrical Metallic Tubing (EMT) Conduit Assemblies *(01 95 99 99-0358)*

Note: Includes conduit, field bends, set screw connectors, set screw couplings, straps, and wire as indicated. Per CLF.

01 95 99 99-0360	CLF	1/2" Electrical Metallic Tubing (EMT) With 3 #12 THHN/THWN Assembly	961.84	286.48
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
01 95 99 99-0361	CLF	1/2" Electrical Metallic Tubing (EMT) With 4 #12 THHN/THWN Assembly	1,051.26	311.10
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 99 99-0362	CLF	1/2" Electrical Metallic Tubing (EMT) With 3 #10 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,025.78	298.79
01 95 99 99-0363	CLF	1/2" Electrical Metallic Tubing (EMT) With 4 #10 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,136.52	327.51
01 95 99 99-0364	CLF	3/4" Electrical Metallic Tubing (EMT) With 3 #12 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,070.81	308.86
01 95 99 99-0365	CLF	3/4" Electrical Metallic Tubing (EMT) With 4 #12 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,160.24	333.48
01 95 99 99-0366	CLF	3/4" Electrical Metallic Tubing (EMT) With 5 #12 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,249.65	358.10
01 95 99 99-0367	CLF	3/4" Electrical Metallic Tubing (EMT) With 6 #12 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,339.07	382.71
01 95 99 99-0368	CLF	3/4" Electrical Metallic Tubing (EMT) With 3 #10 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,134.75	321.17
01 95 99 99-0369	CLF	3/4" Electrical Metallic Tubing (EMT) With 4 #10 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,245.48	349.89
01 95 99 99-0370	CLF	3/4" Electrical Metallic Tubing (EMT) With 5 #10 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,356.23	378.61
01 95 99 99-0371	CLF	3/4" Electrical Metallic Tubing (EMT) With 6 #10 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,466.96	407.33
01 95 99 99-0372	CLF	1" Electrical Metallic Tubing (EMT) With 3 #12 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,223.66	332.43
01 95 99 99-0373	CLF	1" Electrical Metallic Tubing (EMT) With 4 #12 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,313.09	357.04
01 95 99 99-0374	CLF	1" Electrical Metallic Tubing (EMT) With 5 #12 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,402.52	381.66
01 95 99 99-0375	CLF	1" Electrical Metallic Tubing (EMT) With 6 #12 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,491.94	406.27
01 95 99 99-0376	CLF	1" Electrical Metallic Tubing (EMT) With 3 #10 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,287.60	344.74
01 95 99 99-0377	CLF	1" Electrical Metallic Tubing (EMT) With 4 #10 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,398.34	373.46
01 95 99 99-0378	CLF	1" Electrical Metallic Tubing (EMT) With 5 #10 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,509.08	402.16
01 95 99 99-0379	CLF	1" Electrical Metallic Tubing (EMT) With 6 #10 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,619.82	430.88

01 95 99 99-0380 Electrical Metallic Tubing (EMT) Conduit *(01 95 99 99-0358)*

01 95 99 99-0381	LF	1/2" Electrical Metallic Tubing (EMT) Conduit	6.03	2.11
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.79*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.32*	
01 95 99 99-0382	LF	3/4" Electrical Metallic Tubing (EMT) Conduit	7.05	2.35
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.88*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.47*	
01 95 99 99-0383	LF	1" Electrical Metallic Tubing (EMT) Conduit	8.44	2.58
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.97*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.61*	
01 95 99 99-0384	LF	1-1/4" Electrical Metallic Tubing (EMT) Conduit	10.41	2.91
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.09*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.82*	
01 95 99 99-0385	LF	1-1/2" Electrical Metallic Tubing (EMT) Conduit	12.11	3.28
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.23*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.05*	
01 95 99 99-0386	LF	2" Electrical Metallic Tubing (EMT) Conduit	14.00	3.75
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.41*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.34*	
01 95 99 99-0387	LF	2-1/2" Electrical Metallic Tubing (EMT) Conduit	18.00	4.45
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.67*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.79*	
01 95 99 99-0388	LF	3" Electrical Metallic Tubing (EMT) Conduit	21.48	5.16
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.93*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*3.22*	
01 95 99 99-0389	LF	3-1/2" Electrical Metallic Tubing (EMT) Conduit	26.72	6.09
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*2.29*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*3.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 99 99-0390	LF	4" Electrical Metallic Tubing (EMT) Conduit	35.66	9.09
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*3.41*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*5.68*	
01 95 99 99-0391		**Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings** *(01 95 99 99-0358)*		
01 95 99 99-0392	LF	1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings	5.65	1.84
01 95 99 99-0393	LF	3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings	6.45	2.02
01 95 99 99-0394	LF	1" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings	7.98	2.35
01 95 99 99-0395	LF	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings	9.51	2.69
01 95 99 99-0396	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings	11.18	3.14
01 95 99 99-0397	LF	2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings	13.34	3.60
01 95 99 99-0398	LF	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings	17.65	4.27
01 95 99 99-0399	LF	3" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings	20.68	4.94
01 95 99 99-0400	LF	3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings	25.24	5.84
01 95 99 99-0401	LF	4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings	29.65	7.19
01 95 99 99-0402	LF	5" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings	42.20	10.11
01 95 99 99-0403	LF	6" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings	56.06	13.48
01 95 99 99-0404		**Single Stranded Copper** *(01 95 99 99-0358)*		
01 95 99 99-0405	MLF	#18 AWG Cable - Type TFFN 600 Volt Copper, Single Stranded, Placed In Conduit	548.85	234.43
01 95 99 99-0406	MLF	#16 AWG Cable - Type TFFN 600 Volt Copper, Single Stranded, Placed In Conduit	684.54	257.88
01 95 99 99-0407	MLF	#14 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit	719.55	188.01
01 95 99 99-0408	MLF	#12 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit	894.24	224.12
01 95 99 99-0409	MLF	#10 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit	1,107.38	281.91
01 95 99 99-0410	MLF	#8 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit	1,554.24	371.57
01 95 99 99-0411	MLF	#6 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit	2,114.91	448.71
01 95 99 99-0412	MLF	#4 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit	2,796.10	530.29
01 95 99 99-0413	MLF	#3 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit	3,342.05	600.27
01 95 99 99-0414	MLF	#2 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit	3,994.88	672.23
01 95 99 99-0415	MLF	#1 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit	4,759.16	758.62
01 95 99 99-0416	MLF	#1/0 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit	5,536.64	830.71
01 95 99 99-0417	MLF	#2/0 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit	6,284.25	918.04
01 95 99 99-0418	MLF	#3/0 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit	7,457.02	971.02
01 95 99 99-0419	MLF	#4/0 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit	8,886.50	1,092.46
01 95 99 99-0420		**Wireway With Screw Cover** *(01 95 99 99-0358)*		
01 95 99 99-0421		**2-1/2" x 2-1/2", Wireway With Screw Cover** *(01 95 99 99-0420)*		
01 95 99 99-0422	LF	2-1/2" x 2-1/2", NEMA 1, Surface Mounted Wireway With Screw Cover	28.57	5.86
01 95 99 99-0423	EA	2-1/2" x 2-1/2", End Plate For Surface Mounted Wireway With Screw Cover	23.69	8.79
01 95 99 99-0424	EA	2-1/2" x 2-1/2", Coupling For Surface Mounted Wireway With Screw Cover	28.03	10.96
01 95 99 99-0425	EA	2-1/2" x 2-1/2", Panel Adapter For Surface Mounted Wireway With Screw Cover	58.94	20.51
01 95 99 99-0426	EA	2-1/2" x 2-1/2", Elbow For Surface Mounted Wireway With Screw Cover	94.61	20.51
01 95 99 99-0427	EA	2-1/2" x 2-1/2", Tee For Surface Mounted Wireway With Screw Cover	140.10	29.19
01 95 99 99-0428	EA	2-1/2" x 2-1/2", Cross For Surface Mounted Wireway With Screw Cover	157.26	32.24
01 95 99 99-0429		**4" x 4", Wireway With Screw Cover** *(01 95 99 99-0420)*		
01 95 99 99-0430	LF	4" x 4", NEMA 1, Surface Mounted Wireway With Screw Cover	34.99	7.39
01 95 99 99-0431	LF	4" x 4", NEMA 3R, Surface Mounted Wireway With Screw Cover	62.66	7.39
01 95 99 99-0432	EA	4" x 4", End Plate For Surface Mounted Wireway With Screw Cover	19.26	6.45
01 95 99 99-0433	EA	4" x 4", Coupling For Surface Mounted Wireway With Screw Cover	30.99	12.31
01 95 99 99-0434	EA	4" x 4", Panel Adapter For Surface Mounted Wireway With Screw Cover	69.63	25.08
01 95 99 99-0435	EA	4" x 4", Elbow For Surface Mounted Wireway With Screw Cover	108.85	25.08
01 95 99 99-0436	EA	4" x 4", Tee For Surface Mounted Wireway With Screw Cover	154.06	32.59
01 95 99 99-0437	EA	4" x 4", Cross For Surface Mounted Wireway With Screw Cover	177.99	38.09
01 95 99 99-0438		**Plugs, Switches And Boxes** *(01 95 99 99-0334)*		
01 95 99 99-0439	EA	1 Gang, 15 Amp, NEMA 5-15, Duplex Receptacle Assembly	101.08	45.55
01 95 99 99-0440	EA	1 Gang, 20 Amp, NEMA 5-20, Duplex Receptacle Assembly	108.45	48.75
01 95 99 99-0441	EA	2 Gang, 15 Amp, NEMA 5-15, Duplex Receptacle Assembly	130.62	58.37
01 95 99 99-0442	EA	2 Gang, 20 Amp, NEMA 5-20, Duplex Receptacle Assembly	145.36	64.79
01 95 99 99-0443	EA	1 Gang, 15 Amp, GFI, Duplex Receptacle Assembly	114.03	45.55
01 95 99 99-0444	EA	1 Gang, 20 Amp, GFI, Duplex Receptacle Assembly	122.09	48.75
01 95 99 99-0445	EA	15 Amp Ground Fault Circuit Interrupter (GFCI), Duplex Receptacle	38.18	16.03
01 95 99 99-0446	EA	20 Amp Ground Fault Circuit Interrupter (GFCI), Duplex Receptacle	55.86	19.24
01 95 99 99-0447	EA	1 Gang, 15 Amp, 120/277 Volt, SPST, Switch Assembly	103.97	44.90
01 95 99 99-0448	EA	2 Gang, 15 Amp, 120/277 Volt, SPST, Switch Assembly	139.59	58.69
01 95 99 99-0449	EA	15 Amp Ground Fault Circuit Interrupter (GFCI), Weather Tamper (WT) Resistant, Duplex Receptacle	78.63	19.24
01 95 99 99-0450	EA	20 Amp Ground Fault Circuit Interrupter (GFCI), Weather Tamper (WT) Resistant, Duplex Receptacle	84.65	19.24
01 95 99 99-0451		**Breakers** *(01 95 99 99-0334)*		
01 95 99 99-0452	EA	1 Pole GFI, 120/240 Volt, 15-30 Amp, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity	139.21	28.23
01 95 99 99-0453	EA	1 Pole GFI, 120/240 Volt, 15-20 Amp, "Arc Fault" Circuit Breaker, 10,000 Amp Interrupting Capacity	108.29	28.23

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 99 99-0454		**Service Light** *(01 95 99 99-0334)*		
01 95 99 99-0455	EA	13 Watt Porch Light, Glass Globe, Cooper FE13PCW	107.73	32.08
01 95 99 99-0456		**Smoke And Carbon Monoxide Detectors** *(01 95 99 99-0334)*		
01 95 99 99-0457	EA	Photo Electric Residential Smoke Detector 110-120 Volt, Wired (BRK 7010)	137.17	48.18
01 95 99 99-0458	EA	AC Powered, Residential Carbon Monoxide Alarm (Kidde 900-0107)	170.37	32.08
01 95 99 99-0459	EA	AC Powered, Residential Carbon Monoxide and Fire Alarm (Kidde 900-0114)	189.98	32.08
01 95 99 99-0460		**Bathroom Exhast Fan** *(01 95 99 99-0334)*		
01 95 99 99-0461	EA	110 CFM, Single Speed, Ceiling Bathroom Exhaust Fan Without Light (NuTone InVent Series AEN110)	289.18	51.40
		For Up To 2 SF Cutting And Patching 5/8" Fire Rated Gypsum Board Ceiling, Add	*51.23*	
		For Painting Up To 50 SF Ceiling, 1 Coat Primer and 2 Coats Paint, Add	*234.04*	
		For New 2-Gang Plastic Box With 15 Amp Switch Assembly, Up To 15' Of 14 Gauge 3 Conductor Romex From Fan To Switch, Add	*281.13*	
		For New 2-Gang Plastic Box With Humidity Sensing Fan Switch Assembly (Load Rating: 600W incandescent, 150W LED/CFL, 400VA inductive /ballast), Up To 15' Of 14 Gauge 3 Conductor Romex From Fan To Switch, Add	*324.94*	
		For Up To 50' Wiring To New 15 Amp, Single Pole Breaker, Add	*340.16*	
		For Up To 50' Wiring To New 15 Amp, AFCI/GFCI (Dual Function Breaker, Arc Fault And Ground Fault Protection) Protected Branch Circuit UL listed Class 5mA With Self-Test Feature, 15 AMP- Plug-In Or Bolt-on As Required), Add	*495.96*	
		For Up To 15' Of 4" Exhaust Duct And Tie Into Exhaust System, Add	*196.12*	
		For Roof Vent, Cutting Hole And Patch, Add	*571.19*	
01 95 99 99-0462	EA	110 CFM, Single Speed, Ceiling Bathroom Exhaust Fan With LED Light (NuTone InVent Series AEN110L)	406.36	51.40
		For Up To 2 SF Cutting And Patching 5/8" Fire Rated Gypsum Board Ceiling, Add	*51.23*	
		For Painting Up To 50 SF Ceiling, 1 Coat Primer and 2 Coats Paint, Add	*234.04*	
		For New 2-Gang Plastic Box With 15 Amp Switch Assembly, Up To 15' Of 14 Gauge 3 Conductor Romex From Fan To Switch, Add	*281.13*	
		For New 2-Gang Plastic Box With Humidity Sensing Fan Switch Assembly (Load Rating: 600W incandescent, 150W LED/CFL, 400VA inductive /ballast), Up To 15' Of 14 Gauge 3 Conductor Romex From Fan To Switch, Add	*324.94*	
		For Up To 50' Wiring To New 15 Amp, Single Pole Breaker, Add	*340.16*	
		For Up To 50' Wiring To New 15 Amp, AFCI/GFCI (Dual Function Breaker, Arc Fault And Ground Fault Protection) Protected Branch Circuit UL listed Class 5mA With Self-Test Feature, 15 AMP- Plug-In Or Bolt-on As Required), Add	*495.96*	
		For Up To 15' Of 4" Exhaust Duct And Tie Into Exhaust System, Add	*196.12*	
		For Roof Vent, Cutting Hole And Patch, Add	*571.19*	
01 95 99 99-0463		**Rigid Galvanized Steel (RGS) Conduit With Snap-On Water Tight Connection** *(01 95 99 99-0334)*		
01 95 99 99-0464	LF	1/2" Rigid Galvanized Steel (RGS) Conduit Assembly With Snap-On Water Tight Connection	11.61	2.58
01 95 99 99-0465	LF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With Snap-On Water Tight Connection	13.08	2.82
01 95 99 99-0466	LF	1" Rigid Galvanized Steel (RGS) Conduit Assembly With Snap-On Water Tight Connection	22.49	3.28
01 95 99 99-0467		**Trenching, Backfill, And Compaction** *(01 95 99 99)*		
01 95 99 99-0468	CY	12" Wide or Less, Excavation for Trenching by Machine in Soil	12.25	
		For Up To 20, Add	*12.25*	
		For >20 To 50, Add	*9.19*	
		For >50 To 250, Add	*4.90*	
01 95 99 99-0469	CY	Excavation For Trenching By Hand In Soil Note: Includes stockpiling excess materials and trimming sides and bottom of trench.	154.49	
01 95 99 99-0470	CY	Backfilling or Placing Subbase for Trenches with Imported or Stockpiled Materials by Machine	4.40	
		For Up To 20, Add	*4.40*	
		For >20 To 50, Add	*3.30*	
		For >50 To 250, Add	*1.76*	
01 95 99 99-0471	CY	Backfilling or Placing Subbase for Trenches with Imported or Stockpiled Materials by Hand	42.92	
01 95 99 99-0472	CY	Compaction of Fill or Subbase for Trenches by Vibratory Plate, Air Tamper, Etcetera	8.94	
		For Up To 20, Add	*8.94*	
		For >20 To 50, Add	*6.71*	
		For >50 To 250, Add	*3.58*	
01 95 99 99-0473	CY	Compaction of Fill or Subbase for Trenches by Hand	48.41	
01 95 99 99-0474		**French Drains** *(01 95 99 99)*		
01 95 99 99-0475		**Core Drill And Auger** *(01 95 99 99-0474)*		
01 95 99 99-0476	EA	Drill 8" Diameter Core In Up To 4" Concrete	196.94	
01 95 99 99-0477	EA	Core Drill Minimum Charge Note: For projects where the total core drilling charge is less than the minimum charge, use task "Minimum Charge For Core Drilling" exclusively. Task "Minimum Charge For Core Drilling" should not be used in conjunction with any other tasks in this section. Does not apply to sections "Drilling In Concrete Per Inch Of Depth" or "Drilling In Brick Or Block Per Inch Of Depth".	947.65	
01 95 99 99-0478	VLF	8" Diameter Hole, Auger By Machine	19.72	
01 95 99 99-0479	BAG	50 LB Capacity Gravel Bag With Gravel	12.57	3.26
01 95 99 99-0480	EA	8" Diameter Round Drain Grate	52.43	
01 95 99 99-0481		**Equipment Pads** *(01 95 99 99)*		
01 95 99 99-0482	SF	4" Equipment Pad With Rebar	25.37	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 99 99-0483		Chimney/Fireplace *(01 95 99 99)*		
01 95 99 99-0484		Damper *(01 95 99 99-0483)*		
01 95 99 99-0485	EA	6" Round Flue Shutter Draft Control Damper	1,409.28	64.23
01 95 99 99-0486	EA	8" Round Flue Shutter Draft Control Damper	1,634.75	74.08
01 95 99 99-0487		Flue Pipe *(01 95 99 99-0483)*		
01 95 99 99-0488	LF	6" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	44.13	12.89
01 95 99 99-0489	LF	8" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	57.69	14.82
01 95 99 99-0490		Spark Arrestor *(01 95 99 99-0483)*		
01 95 99 99-0491	EA	15" x 24", Black, Adjustable Flue Guard Chimney Cap Spark Arrestor	277.41	57.83
01 95 99 99-0492		Fire Rated Fireplace Door *(01 95 99 99-0483)*		
01 95 99 99-0493	EA	29" To 32" Wide Glass Fireplace Door, 25" To 32" Height Note: Includes 1/4" tempered glass.	1,281.47	77.25
		For Wire Mesh Screen, Add	*96.00*	
		For Wire Mesh Door, Add	*152.00*	
01 95 99 99-0494	EA	32" To 35" Wide Glass Fireplace Door, 25" To 32" Height Note: Includes 1/4" tempered glass.	1,398.86	77.25
		For Wire Mesh Screen, Add	*96.00*	
		For Wire Mesh Door, Add	*152.00*	
01 95 99 99-0495	EA	35" To 38" Wide Glass Fireplace Door, 25" To 32" Height Note: Includes 1/4" tempered glass.	1,492.76	77.25
		For Wire Mesh Screen, Add	*96.00*	
		For Wire Mesh Door, Add	*152.00*	
01 95 99 99-0496	EA	38" To 43" Wide Glass Fireplace Door, 25" To 32" Height Note: Includes 1/4" tempered glass.	1,605.45	77.25
		For Wire Mesh Screen, Add	*96.00*	
		For Wire Mesh Door, Add	*152.00*	
01 95 99 99-0497		Hand Rails *(01 95 99 99)*		
01 95 99 99-0498	LF	1-1/2" Diameter, Wood Handrail With Brackets	26.04	5.70
01 95 99 99-0499	LF	1-1/2" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	40.84	6.87
		For Galvanized Finish, Add	*7.10*	
01 95 99 99-0500	LF	1-1/2" Diameter, Schedule 40, One Rail, Up To 42" High, Welded Steel Pipe Railing	54.14	11.45
		For Schedule 80 Handrail, Add	*8.79*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-6.87*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-7.81*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-10.31*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-12.18*	
		For Aluminum, Satin Finish, Add	*13.12*	
		For Aluminum, Clear Anodized Finish, Add	*20.31*	
		For Aluminum, Dark Anodized Finish, Add	*23.43*	
		For Galvanizing, Add	*12.50*	
		For Wrought Iron, Add	*5.41*	
		For Solid Steel Rails, Add	*10.83*	
		For 304 Stainless Steel, Add	*99.97*	
		For 316 Stainless Steel, Add	*112.46*	
		For 2" Wheel Guard, Add	*2.97*	
		For 4" High Kick Plate, Add	*3.91*	
		For 6" High Kick Plate, Add	*6.25*	
		For Curved Rail, Add	*25.61*	
		For Mounting On Stairs, Add	*16.24*	
		For Mounting On Slopes, Add	*5.41*	
		For Post Base Flange With Screws, Add Per Post	*19.79*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.94*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*21.35*	
		For Nylon Coating, Add	*4.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 95 99 99-0501	LF	1-1/2" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing	61.95	11.45
		For Schedule 80 Handrail, Add	*8.79*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-8.59*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-9.76*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-12.89*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-15.23*	
		For Aluminum, Satin Finish, Add	*16.40*	
		For Aluminum, Clear Anodized Finish, Add	*25.38*	
		For Aluminum, Dark Anodized Finish, Add	*29.29*	
		For Galvanizing, Add	*15.62*	
		For Wrought Iron, Add	*6.20*	
		For Solid Steel Rails, Add	*12.39*	
		For 304 Stainless Steel, Add	*124.96*	
		For 316 Stainless Steel, Add	*140.58*	
		For 2" Wheel Guard, Add	*3.71*	
		For 4" High Kick Plate, Add	*4.88*	
		For 6" High Kick Plate, Add	*7.81*	
		For Curved Rail, Add	*30.30*	
		For Mounting On Stairs, Add	*18.59*	
		For Mounting On Slopes, Add	*6.20*	
		For Post Base Flange With Screws, Add Per Post	*19.79*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.94*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*25.25*	
		For Nylon Coating, Add	*5.86*	

01 95 99 99-0502 Security Bars *(01 95 99 99)*

01 95 99 99-0503	EA	Window Bar Quick Release Kit (Grisham WBQR)	261.52	68.33

01 95 99 99-0504 Residential Sound Improvement Program Assemblies *(01 95 99 99)*

Note: Assemblies are inclusive of all Labor, Equipment, and Materials to Sound insulate residential units as per the LA County RSIP program specifications, scopes of work, and details. Required Incidental engineering, load calculations, and permitting to complete these tasks are also inclusive of these assemblies. The County reserves the right to add or delete individual tasks from these assemblies as deemed necessary based on site specific conditions.

01 95 99 99-0505	EA	RSIP Single Family Residence up to 1,000 SF Note: (Up to 12 windows Included)	39,139.20
01 95 99 99-0506	EA	RSIP Single Family Residence up to 1,500 SF Note: (Up to 15 windows Included)	43,488.00
01 95 99 99-0507	EA	RSIP Single Family Residence up to 2,000 SF Note: (Up to 20 windows Included)	47,836.80
01 95 99 99-0508	EA	RSIP Single Family Residence up to 2,500 SF Note: (Up to 22 windows Included)	52,185.60
01 95 99 99-0509	EA	RSIP Single Family Residence over 2,500 SF Note: (Up to 25 windows Included)	56,534.40
01 95 99 99-0510	EA	RSIP Multi- Family Residence up to 2 Units Note: (Up to 20 windows Included)	53,272.80
01 95 99 99-0511	EA	RSIP Multi-Family Residence up to 3 Units Note: (Up to 22 windows Included)	56,534.40
01 95 99 99-0512	EA	RSIP Multi-Family Residence up to 4 Units Note: (Up to 25 windows Included)	64,688.40
01 95 99 99-0513	EA	RSIP Apartment studio/1 bedroom Note: (Up to 5 windows Included)	34,790.40
01 95 99 99-0514	EA	RSIP Apartment 2 bedroom Note: (Up to 8 windows Included)	39,139.20
01 95 99 99-0515	EA	RSIP Apartment 3+ bedroom Note: (Up to 12 windows Included)	43,488.00

01 95 99 99-0516 Tenant Temporary In-place And Or Off-site Dwelling Accommodations/Procedures *(01 95 99 99)*

Note: Assemblies are inclusive of all Labor, Equipment, and Materials of tenant displacement and relocation procedures as per the LA County RSIP program specifications, scopes of work, and details. Required Incidental engineering, load calculations, and permitting to complete these tasks are also inclusive of these assemblies. The County reserves the right to add or delete individual tasks from these assemblies as deemed necessary based on site specific conditions.

01 95 99 99-0517	DAY	Tenant Temporary In-place And Or Off-site Dwelling Accommodations/Procedures, Tier 1 (Low) Note: Includes PPE, modular hand washing station, 32 gallon trash container, hand sanitizer dispenser, Owner provided signage & hotline, disinfectant fogging, terry cloth wipes, phone line, COVID-19 monitor, virtual inspection support, daily infrared temperature readings and logs	3,301.18	
		For Virtual Inspection Support > 5 Units, Add Per Each Additional Unit	*320.00*	
01 95 99 99-0518	DAY	Tenant Temporary In-place And Or Off-site Dwelling Accommodations/Procedures, Tier 2 (Moderate) Note: Includes PPE, modular hand washing station, 32 gallon trash containers, hand sanitizer dispenser, Owner provided signage & hotline, air scrubber, plastic barriers, disinfectant fogging, terry cloth wipes, phone line, COVID-19 monitor, virtual inspection support, daily infrared temperature readings and logs	4,279.89	
		For Virtual Inspection Support > 5 Units, Add Per Each Additional Unit	*320.00*	
01 95 99 99-0519	DAY	Tenant Temporary In-place And Or Off-site Dwelling Accommodations/Procedures, Tier 3 (High) Note: Includes PPE with Type B hazmat suites, modular hand washing station, 32 gallon trash containers, hand sanitizer dispenser, Owner provided signage & hotline, disinfectant fogging, air scrubber, plastic barriers, phone line, tent & set-up, tables, folding chairs, Wifi hotspot provision, 8' x 8' x 20' storage container, COVID-19 monitor, virtual inspection support, daily infrared temperature readings and logs	6,715.27	
		For Virtual Inspection Support > 5 Units, Add Per Each Additional Unit	*320.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

END OF SECTION 01

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

02 Existing Conditions

02 20 Assessment *(02)*

02 25 Existing Material Assessment *(02 20)*

02 25 16 Existing Concrete, Masonry or Asphalt Assessment *(02 25)*

See CSI section 01 71 36 00-0000 for non-destructive concrete examination.

02 25 16 13 Concrete Assessment Drilling *(02 25 16)*

See CSI section 01 71 36 00-0000 for non-destructive concrete examination.

02 40 Demolition and Structure Moving *(02)*

02 41 Demolition *(02 40)*

02 41 13 Selective Site Demolition *(02 41)*

02 41 13 13 Paving Removal *(02 41 13)*

02 41 13 13-0001 By Machine, Break-up And Leave In Place Bituminous And Concrete Paving *(02 41 13 13)*

Note: Includes slabs, pavements, sidewalks and base courses. Includes work around obstacles. These tasks are not to be used in conjunction with any other loading activities or other break-up tasks. Excludes saw cutting (where required) and disposal. See CSI section 02 41 13 13-0018 for breaking-up, removal and loading as a combined operation, 02 41 19 13-0057 for saw cutting.

02 41 13 13-0002	SY	Up To 3" By Machine, Break-up And Leave In Place Bituminous Paving	7.73	
		For >500 To 1,000, Deduct	*-0.77*	
		For >1,000 To 2,500, Deduct	*-1.39*	
		For >2,500 To 5,000, Deduct	*-2.01*	
		For >5,000 To 10,000, Deduct	*-2.63*	
		For >10,000, Deduct	*-3.25*	
02 41 13 13-0003	SY	>3" To 6" By Machine, Break-up And Leave In Place Bituminous Paving	11.61	
		For >500 To 1,000, Deduct	*-1.16*	
		For >1,000 To 2,500, Deduct	*-2.09*	
		For >2,500 To 5,000, Deduct	*-3.02*	
		For >5,000 To 10,000, Deduct	*-3.95*	
		For >10,000, Deduct	*-4.88*	
02 41 13 13-0004	SY	>6" To 9" By Machine, Break-up And Leave In Place Bituminous Paving	15.47	
		For >500 To 1,000, Deduct	*-1.55*	
		For >1,000 To 2,500, Deduct	*-2.78*	
		For >2,500 To 5,000, Deduct	*-4.02*	
		For >5,000 To 10,000, Deduct	*-5.26*	
		For >10,000, Deduct	*-6.50*	
02 41 13 13-0005	SY	Up To 3" By Machine, Break-up And Leave In Place Concrete Paving	15.01	
		For >500 To 1,000, Deduct	*-1.50*	
		For >1,000 To 2,500, Deduct	*-2.70*	
		For >2,500 To 5,000, Deduct	*-3.90*	
		For >5,000 To 10,000, Deduct	*-5.10*	
		For >10,000, Deduct	*-6.30*	
02 41 13 13-0006	SY	>3" To 6" By Machine, Break-up And Leave In Place Concrete Paving	21.19	
		For >500 To 1,000, Deduct	*-2.12*	
		For >1,000 To 2,500, Deduct	*-3.81*	
		For >2,500 To 5,000, Deduct	*-5.51*	
		For >5,000 To 10,000, Deduct	*-7.20*	
		For >10,000, Deduct	*-8.90*	
02 41 13 13-0007	SY	>6" To 9" By Machine, Break-up And Leave In Place Concrete Paving	30.02	
		For >500 To 1,000, Deduct	*-3.00*	
		For >1,000 To 2,500, Deduct	*-5.40*	
		For >2,500 To 5,000, Deduct	*-7.81*	
		For >5,000 To 10,000, Deduct	*-10.21*	
		For >10,000, Deduct	*-12.61*	
02 41 13 13-0008	SY	>9" To 14" By Machine, Break-up And Leave In Place Concrete Paving	42.39	
		For >500 To 1,000, Deduct	*-4.24*	
		For >1,000 To 2,500, Deduct	*-7.63*	
		For >2,500 To 5,000, Deduct	*-11.02*	
		For >5,000 To 10,000, Deduct	*-14.41*	
		For >10,000, Deduct	*-17.80*	
02 41 13 13-0009	SY	>14" To 19" By Machine, Break-up And Leave In Place Concrete Paving	55.42	
		For >500 To 1,000, Deduct	*-5.54*	
		For >1,000 To 2,500, Deduct	*-9.98*	
		For >2,500 To 5,000, Deduct	*-14.41*	
		For >5,000 To 10,000, Deduct	*-18.84*	
		For >10,000, Deduct	*-23.28*	
02 41 13 13-0010	SY	>19" To 24" By Machine, Break-up And Leave In Place Concrete Paving	72.06	
		For >500 To 1,000, Deduct	*-7.21*	
		For >1,000 To 2,500, Deduct	*-12.97*	
		For >2,500 To 5,000, Deduct	*-18.74*	
		For >5,000 To 10,000, Deduct	*-24.50*	
		For >10,000, Deduct	*-30.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 13 13-0011		**By Hand, Break-up And Leave In Place Bituminous And Concrete Paving** *(02 41 13 13)* Note: Includes slabs, pavements, sidewalks and base courses. Includes work around obstacles with jackhammer and hand tools. For individual work areas where conventional equipment access is limited or prohibited. Task is only to be used when requested by owner. These tasks are not to be used in conjunction with any other loading activities or other break-up tasks. Excludes saw cutting (where required) and disposal. See CSI section 02 41 13 13-0037 for breaking-up, removal and loading as a combined operation, 02 41 19 13-0057 for saw cutting.		
02 41 13 13-0012	SF	Up To 3" By Hand, Break-up And Leave In Place Bituminous Paving	2.02	
02 41 13 13-0013	SF	>3" To 6" By Hand, Break-up And Leave In Place Bituminous Paving	2.56	
02 41 13 13-0014	SF	>6" To 9" By Hand, Break-up And Leave In Place Bituminous Paving	3.39	
02 41 13 13-0015	SF	Up To 3" By Hand, Break-up And Leave In Place Concrete Paving	2.53	
02 41 13 13-0016	SF	>3" To 6" By Hand, Break-up And Leave In Place Concrete Paving	3.21	
02 41 13 13-0017	SF	>6" To 9" By Hand, Break-up And Leave In Place Concrete Paving	4.24	
02 41 13 13-0018		**By Machine, Break-up And Remove Bituminous And Concrete Paving** *(02 41 13 13)* Note: Includes slabs, pavements, sidewalks and base courses. Includes work around obstacles, breaking into manageable sizes by machine and loading into truck, dumpster or moving material to stockpile. Removal depth to include base aggregate. Excludes saw cutting (where required) and disposal. See CSI section 02 41 19 13-0057 for saw cutting.		
02 41 13 13-0019	SY	Up To 3" By Machine, Break-up And Remove Bituminous Paving	16.76	
		For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add Note: (Around Existing Structures And Obstructions), Add	*5.03*	
		For Elevated Slab, Add	*8.38*	
		For >500 To 1,000, Deduct	*-1.68*	
		For >1,000 To 2,500, Deduct	*-3.02*	
		For >2,500 To 5,000, Deduct	*-4.36*	
		For >5,000 To 10,000, Deduct	*-5.70*	
		For >10,000, Deduct	*-7.04*	
02 41 13 13-0020	SY	>3" To 6" By Machine, Break-up And Remove Bituminous Paving	22.88	
		For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add Note: (Around Existing Structures And Obstructions), Add	*6.86*	
		For Elevated Slab, Add	*11.44*	
		For >500 To 1,000, Deduct	*-2.29*	
		For >1,000 To 2,500, Deduct	*-4.12*	
		For >2,500 To 5,000, Deduct	*-5.95*	
		For >5,000 To 10,000, Deduct	*-7.78*	
		For >10,000, Deduct	*-9.61*	
02 41 13 13-0021	SY	>6" To 9" By Machine, Break-up And Remove Bituminous Paving	31.74	
		For Elevated Slab, Add	*15.87*	
		For >500 To 1,000, Deduct	*-3.17*	
		For >1,000 To 2,500, Deduct	*-5.71*	
		For >2,500 To 5,000, Deduct	*-8.25*	
		For >5,000 To 10,000, Deduct	*-10.79*	
		For >10,000, Deduct	*-13.33*	
02 41 13 13-0022	SY	>9" To 12" By Machine, Break-up And Remove Bituminous Paving	41.42	
		For Elevated Slab, Add	*20.71*	
		For >500 To 1,000, Deduct	*-4.14*	
		For >1,000 To 2,500, Deduct	*-7.46*	
		For >2,500 To 5,000, Deduct	*-10.77*	
		For >5,000 To 10,000, Deduct	*-14.08*	
		For >10,000, Deduct	*-17.40*	
02 41 13 13-0023	SY	>12" To 15" By Machine, Break-up And Remove Bituminous Paving	57.65	
		For Elevated Slab, Add	*28.83*	
		For >500 To 1,000, Deduct	*-5.77*	
		For >1,000 To 2,500, Deduct	*-10.38*	
		For >2,500 To 5,000, Deduct	*-14.99*	
		For >5,000 To 10,000, Deduct	*-19.60*	
		For >10,000, Deduct	*-24.21*	
02 41 13 13-0024	SY	Up To 3" By Machine, Break-up And Remove Non-Reinforced Concrete Paving	19.28	
		For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add Note: (Around Existing Structures And Obstructions), Add	*5.78*	
		For Elevated Slab, Add	*9.64*	
		For >500 To 1,000, Deduct	*-1.93*	
		For >1,000 To 2,500, Deduct	*-3.47*	
		For >2,500 To 5,000, Deduct	*-5.01*	
		For >5,000 To 10,000, Deduct	*-6.56*	
		For >10,000, Deduct	*-8.10*	
02 41 13 13-0025	SY	>3" To 6" By Machine, Break-up And Remove Non-Reinforced Concrete Paving	25.22	
		For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add Note: (Around Existing Structures And Obstructions), Add	*7.57*	
		For Elevated Slab, Add	*12.61*	
		For >500 To 1,000, Deduct	*-2.52*	
		For >1,000 To 2,500, Deduct	*-4.54*	
		For >2,500 To 5,000, Deduct	*-6.56*	
		For >5,000 To 10,000, Deduct	*-8.57*	
		For >10,000, Deduct	*-10.59*	
02 41 13 13-0026	SY	>6" To 9" By Machine, Break-up And Remove Non-Reinforced Concrete Paving	45.03	
		For Elevated Slab, Add	*22.52*	
		For >500 To 1,000, Deduct	*-4.50*	
		For >1,000 To 2,500, Deduct	*-8.11*	
		For >2,500 To 5,000, Deduct	*-11.71*	
		For >5,000 To 10,000, Deduct	*-15.31*	
		For >10,000, Deduct	*-18.91*	

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MINOR CSI UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 13 13-0027	SY >9" To 14" By Machine, Break-up And Remove Non-Reinforced Concrete Paving	58.83	
	For Elevated Slab, Add	*29.42*	
	For >500 To 1,000, Deduct	*-5.88*	
	For >1,000 To 2,500, Deduct	*-10.59*	
	For >2,500 To 5,000, Deduct	*-15.30*	
	For >5,000 To 10,000, Deduct	*-20.00*	
	For >10,000, Deduct	*-24.71*	
02 41 13 13-0028	SY Up To 3" By Machine, Break-up And Remove Welded Wire Reinforced Concrete Paving	25.58	
	For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	*7.67*	
	Note: (Around Existing Structures And Obstructions), Add		
	For Elevated Slab, Add	*12.79*	
	For >500 To 1,000, Deduct	*-2.56*	
	For >1,000 To 2,500, Deduct	*-4.60*	
	For >2,500 To 5,000, Deduct	*-6.65*	
	For >5,000 To 10,000, Deduct	*-8.70*	
	For >10,000, Deduct	*-10.74*	
02 41 13 13-0029	SY >3" To 6" By Machine, Break-up And Remove Welded Wire Reinforced Concrete Paving	33.15	
	For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	*9.95*	
	Note: (Around Existing Structures And Obstructions), Add		
	For Elevated Slab, Add	*16.58*	
	For >500 To 1,000, Deduct	*-3.32*	
	For >1,000 To 2,500, Deduct	*-5.97*	
	For >2,500 To 5,000, Deduct	*-8.62*	
	For >5,000 To 10,000, Deduct	*-11.27*	
	For >10,000, Deduct	*-13.92*	
02 41 13 13-0030	SY >6" To 9" By Machine, Break-up And Remove Welded Wire Reinforced Concrete Paving	54.94	
	For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	*16.48*	
	Note: (Around Existing Structures And Obstructions), Add		
	For Elevated Slab, Add	*27.47*	
	For >500 To 1,000, Deduct	*-5.49*	
	For >1,000 To 2,500, Deduct	*-9.89*	
	For >2,500 To 5,000, Deduct	*-14.28*	
	For >5,000 To 10,000, Deduct	*-18.68*	
	For >10,000, Deduct	*-23.07*	
02 41 13 13-0031	SY Up To 3" By Machine, Break-up And Remove Rod Reinforced Concrete Paving	27.74	
	For Elevated Slab, Add	*13.87*	
	For >500 To 1,000, Deduct	*-2.77*	
	For >1,000 To 2,500, Deduct	*-4.99*	
	For >2,500 To 5,000, Deduct	*-7.21*	
	For >5,000 To 10,000, Deduct	*-9.43*	
	For >10,000, Deduct	*-11.65*	
02 41 13 13-0032	SY >3" To 6" By Machine, Break-up And Remove Rod Reinforced Concrete Paving	35.66	
	For Elevated Slab, Add	*17.83*	
	For >500 To 1,000, Deduct	*-3.57*	
	For >1,000 To 2,500, Deduct	*-6.42*	
	For >2,500 To 5,000, Deduct	*-9.27*	
	For >5,000 To 10,000, Deduct	*-12.12*	
	For >10,000, Deduct	*-14.98*	
02 41 13 13-0033	SY >6" To 9" By Machine, Break-up And Remove Rod Reinforced Concrete Paving	63.77	
	For Elevated Slab, Add	*31.89*	
	For >500 To 1,000, Deduct	*-6.38*	
	For >1,000 To 2,500, Deduct	*-11.48*	
	For >2,500 To 5,000, Deduct	*-16.58*	
	For >5,000 To 10,000, Deduct	*-21.68*	
	For >10,000, Deduct	*-26.78*	
02 41 13 13-0034	SY >9" To 14" By Machine, Break-up And Remove Rod Reinforced Concrete Paving	83.23	
	For Elevated Slab, Add	*41.62*	
	For >500 To 1,000, Deduct	*-8.32*	
	For >1,000 To 2,500, Deduct	*-14.98*	
	For >2,500 To 5,000, Deduct	*-21.64*	
	For >5,000 To 10,000, Deduct	*-28.30*	
	For >10,000, Deduct	*-34.96*	
02 41 13 13-0035	SY >14" To 19" By Machine, Break-up And Remove Rod Reinforced Concrete Paving	108.81	
	For Elevated Slab, Add	*54.41*	
	For >500 To 1,000, Deduct	*-10.88*	
	For >1,000 To 2,500, Deduct	*-19.59*	
	For >2,500 To 5,000, Deduct	*-28.29*	
	For >5,000 To 10,000, Deduct	*-37.00*	
	For >10,000, Deduct	*-45.70*	
02 41 13 13-0036	SY >19" To 24" By Machine, Break-up And Remove Rod Reinforced Concrete Paving	132.05	
	For Elevated Slab, Add	*66.03*	
	For >500 To 1,000, Deduct	*-13.21*	
	For >1,000 To 2,500, Deduct	*-23.77*	
	For >2,500 To 5,000, Deduct	*-34.33*	
	For >5,000 To 10,000, Deduct	*-44.90*	
	For >10,000, Deduct	*-55.46*	

02 41 13 13-0037 By Hand, Break-up And Remove Bituminous And Concrete Paving *(02 41 13 13)*

Note: Includes slabs, pavements, sidewalks and base courses. Includes work around obstacles. Work includes breaking into manageable size with jackhammer and hand tools, removal and loading onto a truck or dumpster. For individual work areas where conventional equipment access is limited or prohibited. Task is only to be used when requested by owner. Removal depth to include base aggregate. Excludes saw cutting (where required) and disposal. See CSI section 02 41 19 13-0057 for saw cutting.

02 41 13 13-0038	SF Up To 3" By Hand, Break-up And Remove Bituminous Paving	4.51	
02 41 13 13-0039	SF >3" To 6" By Hand, Break-up And Remove Bituminous Paving	5.93	
02 41 13 13-0040	SF >6" To 9" By Hand, Break-up And Remove Bituminous Paving	7.71	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 13 13-0041	SF	Up To 3" By Hand, Break-up And Remove Concrete Paving	5.64	
02 41 13 13-0042	SF	>3" To 6" By Hand, Break-up And Remove Concrete Paving	7.78	
02 41 13 13-0043	SF	>6" To 9" By Hand, Break-up And Remove Concrete Paving	9.96	
02 41 13 13-0044	SF	Up To 3" By Hand, Break-up And Remove Welded Wire Reinforced Concrete Paving	7.89	
02 41 13 13-0045	SF	>3" To 6" By Hand, Break-up And Remove Welded Wire Reinforced Concrete Paving	10.89	
02 41 13 13-0046	SF	>6" To 9" By Hand, Break-up And Remove Welded Wire Reinforced Concrete Paving	13.95	

02 41 13 13-0047 Grind Concrete *(02 41 13 13)*

02 41 13 13-0048	EA	Grind Existing Sidewalks, Up To 1/2" Depth, To Remove Ridges (Tripping Hazard) Note: For each location up to 5' wide, feather up to 12" each direction.	224.89	
		For >1/2" To 1" Depth Of Grinding, Add	*33.73*	
		For >1" To 1-1/2" Depth Of Grinding, Add	*56.22*	
		For Up To 5, Add	*44.98*	
		For >5 To 10, Add	*22.49*	
		For >25 To 50, Deduct	*-22.49*	
		For >50 To 250, Deduct	*-33.73*	
		For >250, Deduct	*-44.98*	
		For Sidewalks >5', Add	*22.49*	
		For Up To 12" Additional Feathering Per Side, Add	*22.49*	

02 41 13 15 Hydro Demolition *(02 41 13)*

02 41 13 15-0001 Hydro Demolition Of Concrete Pavement *(02 41 13 15)*

Note: Includes removal but excludes disposal of concrete.

02 41 13 15-0002	SF	Up To 2" Depth, Hydro Demolition, Using 40,000 PSI Water Jet	8.53
02 41 13 15-0003	SF	>2" To 4" Depth, Hydro Demolition, Using 40,000 PSI Water Jet	10.66
02 41 13 15-0004	SF	>4" To 6" Depth, Hydro Demolition, Using 40,000 PSI Water Jet	14.25
02 41 13 15-0005	SF	>6" To 8" Depth, Hydro Demolition, Using 40,000 PSI Water Jet	28.36

02 41 16 Structure Demolition *(02 41)*

02 41 16 13 Building Demolition *(02 41 16)*

02 41 16 13-0001 Building Interior Demolition *(02 41 16 13)*

Note: Gutted and placed in truck or dumpsters. Based on overall floor area square foot or Gross Square Foot (GSF) including flooring under interior demolished walls. Includes all soft stripping of materials (doors and frames, non-load bearing walls, carpet, moldings, drywall, tile, ceiling, ductwork, piping, light fixtures, etc.), accessible mechanical, electrical, plumbing, overhead sprinkler, fire protection and similar systems. Excludes lead, asbestos or other contaminates or load bearing walls, mechanical, plumbing or electrical equipment such as furnaces, water heaters, plumbing fixtures, sump pumps, switchgear or panel boards. Excludes hauling, dump fees, recycling charges, and/or salvage value.

02 41 16 13-0002	GSF	Residential Building Interior Demolition, Gutting And Placing Into Dumpster Or Truck	8.69
02 41 16 13-0003	GSF	Up To 2,000 SF Commercial Building Interior Demolition, Gutting And Placing Into Dumpster Or Truck	13.14
02 41 16 13-0004	GSF	>2,000 To 10,000 SF Commercial Building Interior Demolition, Gutting And Placing Into Dumpster Or Truck	10.75
02 41 16 13-0005	GSF	>10,000 SF Commercial Building Interior Demolition, Gutting And Placing Into Dumpster Or Truck	9.56

02 41 16 13-0006 Commercial And Residential Structures Demolition *(02 41 16 13)*

Note: Complete demolition of structures. Includes site and building safety preparation, signage, dust control, scattered debris and other site clean-up, demolition equipment, and repair of any damaged adjacent property. Excludes (if required) utility disconnects and capping, underground or above ground storage tank removal, adjacent property protection, adjacent property cleanup, adjacent property work, site paving (asphalt or concrete), recycling fees, gutting/soft stripping (selective removal of materials for reuse) of building, site security, hazardous material abatement (including lead, asbestos, and PCBs), surveys, clearing and grubbing of site, cranes, traffic control, elevator removal, major mechanical equipment such as boilers, chillers, cooling towers, Etc., excavation or backfill, foundations, basement floor, slab-on grade, temporary fencing (installation and removal), hauling, disposal and dump fees for all debris (site and building), earthwork and erosion control. Pricing is by Hundred Cubic Foot (CCF) of complete building volume being demolished. For computing building volume, height is computed at actual floor-to-floor dimensions with attic and basement each computed at half-height, width and length are actual dimensions. Excludes salvage value.

02 41 16 13-0007 Wood Frame Construction Building Demolition *(02 41 16 13-0006)*

02 41 16 13-0008	CCF	By Pneumatic Tools/Hand, Wood Frame Construction Building Demolition	61.00	
		For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct	*-4.58*	
		For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct	*-9.15*	
		For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct	*-13.73*	
		For Up To 500, Add	*18.30*	
		For >500 To 1,000, Add	*12.20*	
		For >1,000 To 2,000, Add	*6.10*	
		For Volume Of Area Within 15' To An Adjacent Building, Add	*20.13*	
		For No Interior Partitions, Deduct	*-15.25*	
02 41 16 13-0009	CCF	By Machine, Wood Frame Construction Building Demolition	37.95	
		For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct	*-2.85*	
		For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct	*-5.69*	
		For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct	*-8.54*	
		For Up To 500, Add	*11.39*	
		For >500 To 1,000, Add	*7.59*	
		For >1,000 To 2,000, Add	*3.80*	
		For Work >3 Stories To 6 Stories (Exclude Volume Below), Add	*5.69*	
		For Volume Of Area Within 15' To An Adjacent Building, Add	*12.52*	
		For No Interior Partitions, Deduct	*-9.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

02 41 16 13-0010 Foundation Demolition *(02 41 16 13)*

Note: Excludes earthwork.

02 41 16 13-0011 Concrete Foundation Demolition *(02 41 16 13-0010)*

02 41 16 13-0012	CF	Non-Reinforced Concrete Foundation Demolition	16.78
		For >135 To 405, Deduct	*-1.47*
		For >405 To 810, Deduct	*-2.94*
		For >810 To 2025, Deduct	*-4.20*
		For >2025, Deduct	*-6.71*
02 41 16 13-0013	CF	Reinforced Concrete Foundation Demolition	20.13
		For >135 To 405, Deduct	*-1.76*
		For >405 To 810, Deduct	*-3.52*
		For >810 To 2025, Deduct	*-5.03*
		For >2025, Deduct	*-8.05*

02 41 16 13-0014 Concrete Foundation Wall Demolition *(02 41 16 13-0010)*

02 41 16 13-0015	SF	4" Thick Non-Reinforced Concrete Foundation Wall Demolition	7.19
		For >500 To 2,000, Deduct	*-0.54*
		For >2,000 To 6,000, Deduct	*-1.44*
		For >6,000 To 8,000, Deduct	*-2.52*
		For >8,000, Deduct	*-3.95*
02 41 16 13-0016	SF	6" Thick Non-Reinforced Concrete Foundation Wall Demolition	9.59
		For >500 To 2,000, Deduct	*-0.72*
		For >2,000 To 6,000, Deduct	*-1.92*
		For >6,000 To 8,000, Deduct	*-3.36*
		For >8,000, Deduct	*-5.27*
02 41 16 13-0017	SF	8" Thick Non-Reinforced Concrete Foundation Wall Demolition	11.99
		For >500 To 2,000, Deduct	*-0.90*
		For >2,000 To 6,000, Deduct	*-2.40*
		For >6,000 To 8,000, Deduct	*-4.20*
		For >8,000, Deduct	*-6.59*
02 41 16 13-0018	SF	10" Thick Non-Reinforced Concrete Foundation Wall Demolition	14.38
		For >500 To 2,000, Deduct	*-1.08*
		For >2,000 To 6,000, Deduct	*-2.88*
		For >6,000 To 8,000, Deduct	*-5.03*
		For >8,000, Deduct	*-7.91*
02 41 16 13-0019	SF	12" Thick Non-Reinforced Concrete Foundation Wall Demolition	16.78
		For >500 To 2,000, Deduct	*-1.26*
		For >2,000 To 6,000, Deduct	*-3.36*
		For >6,000 To 8,000, Deduct	*-5.87*
		For >8,000, Deduct	*-9.23*
02 41 16 13-0020	SF	16" Thick Non-Reinforced Concrete Foundation Wall Demolition	19.17
		For >500 To 2,000, Deduct	*-1.44*
		For >2,000 To 6,000, Deduct	*-3.83*
		For >6,000 To 8,000, Deduct	*-6.71*
		For >8,000, Deduct	*-10.54*
02 41 16 13-0021	SF	4" Thick Reinforced Concrete Foundation Wall Demolition	8.62
		For >500 To 2,000, Deduct	*-0.65*
		For >2,000 To 6,000, Deduct	*-1.72*
		For >6,000 To 8,000, Deduct	*-3.02*
		For >8,000, Deduct	*-4.74*
02 41 16 13-0022	SF	6" Thick Reinforced Concrete Foundation Wall Demolition	11.50
		For >500 To 2,000, Deduct	*-0.86*
		For >2,000 To 6,000, Deduct	*-2.30*
		For >6,000 To 8,000, Deduct	*-4.03*
		For >8,000, Deduct	*-6.33*
02 41 16 13-0023	SF	8" Thick Reinforced Concrete Foundation Wall Demolition	14.38
		For >500 To 2,000, Deduct	*-1.08*
		For >2,000 To 6,000, Deduct	*-2.88*
		For >6,000 To 8,000, Deduct	*-5.03*
		For >8,000, Deduct	*-7.91*
02 41 16 13-0024	SF	10" Thick Reinforced Concrete Foundation Wall Demolition	17.02
		For >500 To 2,000, Deduct	*-1.28*
		For >2,000 To 6,000, Deduct	*-3.40*
		For >6,000 To 8,000, Deduct	*-5.96*
		For >8,000, Deduct	*-9.36*
02 41 16 13-0025	SF	12" Thick Reinforced Concrete Foundation Wall Demolition	20.13
		For >500 To 2,000, Deduct	*-1.51*
		For >2,000 To 6,000, Deduct	*-4.03*
		For >6,000 To 8,000, Deduct	*-7.05*
		For >8,000, Deduct	*-11.07*
02 41 16 13-0026	SF	16" Thick Reinforced Concrete Foundation Wall Demolition	23.01
		For >500 To 2,000, Deduct	*-1.73*
		For >2,000 To 6,000, Deduct	*-4.60*
		For >6,000 To 8,000, Deduct	*-8.05*
		For >8,000, Deduct	*-12.66*

02 41 16 13-0027 Concrete Block Foundation Wall Demolition *(02 41 16 13-0010)*

02 41 16 13-0028	SF	4" Thick Non-Reinforced Concrete Block Foundation Wall Demolition	5.27
		For >500 To 2,000, Deduct	*-0.40*
		For >2,000 To 6,000, Deduct	*-1.05*
		For >6,000 To 8,000, Deduct	*-1.84*
		For >8,000, Deduct	*-2.90*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 16 13-0029	SF	6" Thick Non-Reinforced Concrete Block Foundation Wall Demolition		5.64
		For >500 To 2,000, Deduct	*-0.42*	
		For >2,000 To 6,000, Deduct	*-1.13*	
		For >6,000 To 8,000, Deduct	*-1.97*	
		For >8,000, Deduct	*-3.10*	
02 41 16 13-0030	SF	8" Thick Non-Reinforced Concrete Block Foundation Wall Demolition		6.35
		For >500 To 2,000, Deduct	*-0.48*	
		For >2,000 To 6,000, Deduct	*-1.27*	
		For >6,000 To 8,000, Deduct	*-2.22*	
		For >8,000, Deduct	*-3.49*	
02 41 16 13-0031	SF	10" Thick Non-Reinforced Concrete Block Foundation Wall Demolition		7.31
		For >500 To 2,000, Deduct	*-0.55*	
		For >2,000 To 6,000, Deduct	*-1.46*	
		For >6,000 To 8,000, Deduct	*-2.56*	
		For >8,000, Deduct	*-4.02*	
02 41 16 13-0032	SF	12" Thick Non-Reinforced Concrete Block Foundation Wall Demolition		8.15
		For >500 To 2,000, Deduct	*-0.61*	
		For >2,000 To 6,000, Deduct	*-1.63*	
		For >6,000 To 8,000, Deduct	*-2.85*	
		For >8,000, Deduct	*-4.48*	
02 41 16 13-0033	SF	16" Thick Non-Reinforced Concrete Block Foundation Wall Demolition		10.18
		For >500 To 2,000, Deduct	*-0.76*	
		For >2,000 To 6,000, Deduct	*-2.04*	
		For >6,000 To 8,000, Deduct	*-3.56*	
		For >8,000, Deduct	*-5.60*	
02 41 16 13-0034	SF	4" Thick Reinforced Concrete Block Foundation Wall Demolition		6.33
		For >500 To 2,000, Deduct	*-0.47*	
		For >2,000 To 6,000, Deduct	*-1.27*	
		For >6,000 To 8,000, Deduct	*-2.22*	
		For >8,000, Deduct	*-3.48*	
02 41 16 13-0035	SF	6" Thick Reinforced Concrete Block Foundation Wall Demolition		6.76
		For >500 To 2,000, Deduct	*-0.51*	
		For >2,000 To 6,000, Deduct	*-1.35*	
		For >6,000 To 8,000, Deduct	*-2.37*	
		For >8,000, Deduct	*-3.72*	
02 41 16 13-0036	SF	8" Thick Reinforced Concrete Block Foundation Wall Demolition		7.62
		For >500 To 2,000, Deduct	*-0.57*	
		For >2,000 To 6,000, Deduct	*-1.52*	
		For >6,000 To 8,000, Deduct	*-2.67*	
		For >8,000, Deduct	*-4.19*	
02 41 16 13-0037	SF	10" Thick Reinforced Concrete Block Foundation Wall Demolition		8.77
		For >500 To 2,000, Deduct	*-0.66*	
		For >2,000 To 6,000, Deduct	*-1.75*	
		For >6,000 To 8,000, Deduct	*-3.07*	
		For >8,000, Deduct	*-4.82*	
02 41 16 13-0038	SF	12" Thick Reinforced Concrete Block Foundation Wall Demolition		9.78
		For >500 To 2,000, Deduct	*-0.73*	
		For >2,000 To 6,000, Deduct	*-1.96*	
		For >6,000 To 8,000, Deduct	*-3.42*	
		For >8,000, Deduct	*-5.38*	
02 41 16 13-0039	SF	16" Thick Reinforced Concrete Block Foundation Wall Demolition		12.22
		For >500 To 2,000, Deduct	*-0.92*	
		For >2,000 To 6,000, Deduct	*-2.44*	
		For >6,000 To 8,000, Deduct	*-4.28*	
		For >8,000, Deduct	*-6.72*	

02 41 16 13-0040 Brick Foundation Wall Demolition *(02 41 16 13-0010)*

02 41 16 13-0041	SF	4" Thick Brick Foundation Wall Demolition		5.27
		For >500 To 2,000, Deduct	*-0.40*	
		For >2,000 To 6,000, Deduct	*-1.05*	
		For >6,000 To 8,000, Deduct	*-1.84*	
		For >8,000, Deduct	*-2.90*	
02 41 16 13-0042	SF	6" Thick Brick Foundation Wall Demolition		5.64
		For >500 To 2,000, Deduct	*-0.42*	
		For >2,000 To 6,000, Deduct	*-1.13*	
		For >6,000 To 8,000, Deduct	*-1.97*	
		For >8,000, Deduct	*-3.10*	
02 41 16 13-0043	SF	8" Thick Brick Foundation Wall Demolition		6.35
		For >500 To 2,000, Deduct	*-0.48*	
		For >2,000 To 6,000, Deduct	*-1.27*	
		For >6,000 To 8,000, Deduct	*-2.22*	
		For >8,000, Deduct	*-3.49*	
02 41 16 13-0044	SF	10" Thick Brick Foundation Wall Demolition		7.31
		For >500 To 2,000, Deduct	*-0.55*	
		For >2,000 To 6,000, Deduct	*-1.46*	
		For >6,000 To 8,000, Deduct	*-2.56*	
		For >8,000, Deduct	*-4.02*	
02 41 16 13-0045	SF	12" Thick Brick Foundation Wall Demolition		8.15
		For >500 To 2,000, Deduct	*-0.61*	
		For >2,000 To 6,000, Deduct	*-1.63*	
		For >6,000 To 8,000, Deduct	*-2.85*	
		For >8,000, Deduct	*-4.48*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 16 13-0046	SF	16" Thick Brick Foundation Wall Demolition	10.18	
		For >500 To 2,000, Deduct	*-0.76*	
		For >2,000 To 6,000, Deduct	*-2.04*	
		For >6,000 To 8,000, Deduct	*-3.56*	
		For >8,000, Deduct	*-5.60*	
02 41 16 13-0047		**Stone Foundation Demolition** *(02 41 16 13-0010)*		
02 41 16 13-0048	CF	Stone Footing Or Foundation Wall Demolition	16.78	
		For >135 To 405, Deduct	*-1.47*	
		For >405 To 810, Deduct	*-2.94*	
		For >810 To 2025, Deduct	*-4.20*	
		For >2025, Deduct	*-6.71*	
02 41 16 13-0049		**Other Foundation Demolition** *(02 41 16 13-0010)*		
02 41 16 13-0050	CF	Concrete Footing For Fence, Gate Or Playground Equipment Post, Etc. Demolition Note: Includes excavation.	17.20	
		For >135 To 405, Deduct	*-1.51*	
		For >405 To 810, Deduct	*-3.01*	
		For >810 To 2025, Deduct	*-4.30*	
		For >2025, Deduct	*-6.88*	
02 41 19		**Selective Demolition** *(02 41)*		
02 41 19 13		**Selective Building Demolition** *(02 41 19)*		
02 41 19 13-0001		**Exterior Masonry Removal** *(02 41 19 13)*		
02 41 19 13-0002		**Masonry Columns Removal (Interior And Exterior)** *(02 41 19 13-0001)*		
02 41 19 13-0003	VLF	8" x 8" Masonry Column Removal	17.24	
02 41 19 13-0004	VLF	10" x 10" Masonry Column Removal	26.95	
02 41 19 13-0005	VLF	12" x 12" Masonry Column Removal	34.52	
02 41 19 13-0006	VLF	14" x 14" Masonry Column Removal	43.21	
02 41 19 13-0007	VLF	16" x 16" Masonry Column Removal	53.09	
02 41 19 13-0008	CF	Masonry Column Removal, Per CF Of Masonry Removed; For Other Sizes Over 16" Square	29.81	
02 41 19 13-0009		**Masonry Chimney Removal** *(02 41 19 13-0001)*		
02 41 19 13-0010	CF	Up To 3 CF/VLF Chimney Removal, Per CF Of Masonry Removed	34.97	
02 41 19 13-0011	CF	>3 To 10 CF/VLF Chimney Removal, Per CF Of Masonry Removed	26.25	
02 41 19 13-0012	CF	>10 To 20 CF/VLF Chimney Removal, Per CF Of Masonry Removed	20.09	
02 41 19 13-0013	CF	>20 CF/VLF Chimney Removal, Per CF Of Masonry Removed	13.92	
02 41 19 13-0014		**Remove And Reset Precast, Stone Or Masonry Coping** *(02 41 19 13-0001)* Note: Includes removing, cleaning, and resetting coping with new ties and mortar. Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0057 for saw cutting.		
02 41 19 13-0015	LF	Up To 8" Wide, Remove And Reset Precast, Stone Or Masonry Coping	21.05	
02 41 19 13-0016	LF	>8" To 12" Wide, Remove And Reset Precast, Stone Or Masonry Coping	31.47	
02 41 19 13-0017	LF	>12" To 24" Wide, Remove And Reset Precast, Stone Or Masonry Coping	60.11	
02 41 19 13-0018		**Facade Removal** *(02 41 19 13-0001)* Note: Includes any saw cutting that may be required for size reduction into manageable pieces for handling and disposal. Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0057 for saw cutting.		
02 41 19 13-0019	SF	Stone Or Brick Veneer Facade Removal	6.57	
		For Cleaning and Storage For Reuse, Add	*9.86*	
02 41 19 13-0020		**Exterior Masonry Removal** *(02 41 19 13-0001)* Note: Includes any saw cutting that may be required for size reduction into manageable pieces for handling and disposal. Salvage modifier includes removing mortar, scraping, cleaning, placement on pallets and storage on site. Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0057 for saw cutting.		
02 41 19 13-0021	SF	Demolish 4" Thick Non-Reinforced Concrete Block Exterior Wall	5.78	
02 41 19 13-0022	SF	Demolish 6" Thick Non-Reinforced Concrete Block Exterior Wall	6.51	
02 41 19 13-0023	SF	Demolish 8" Thick Non-Reinforced Concrete Block Exterior Wall	7.87	
02 41 19 13-0024	SF	Demolish 10" Thick Non-Reinforced Concrete Block Exterior Wall	8.61	
02 41 19 13-0025	SF	Demolish 12" Thick Non-Reinforced Concrete Block Exterior Wall	9.45	
02 41 19 13-0026	SF	Demolish 16" Thick Non-Reinforced Concrete Block Exterior Wall	11.82	
02 41 19 13-0027	SF	Demolish 4" Thick Reinforced Concrete Block Exterior Wall	6.83	
02 41 19 13-0028	SF	Demolish 6" Thick Reinforced Concrete Block Exterior Wall	7.81	
02 41 19 13-0029	SF	Demolish 8" Thick Reinforced Concrete Block Exterior Wall	9.45	
02 41 19 13-0030	SF	Demolish 10" Thick Reinforced Concrete Block Exterior Wall	10.33	
02 41 19 13-0031	SF	Demolish 12" Thick Reinforced Concrete Block Exterior Wall	11.34	
02 41 19 13-0032	SF	Demolish 16" Thick Reinforced Concrete Block Exterior Wall	14.19	
02 41 19 13-0033	SF	Demolish 4" Thick Brick Exterior Wall	5.78	
		For Cleaning and Storage For Reuse, Add	*8.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0034	SF	Demolish 6" Thick Brick Exterior Wall		6.51
		For Cleaning and Storage For Reuse, Add	*9.77*	
02 41 19 13-0035	SF	Demolish 8" Thick Brick Exterior Wall		7.87
		For Cleaning and Storage For Reuse, Add	*11.81*	
02 41 19 13-0036	SF	Demolish 10" Thick Brick Exterior Wall		8.61
		For Cleaning and Storage For Reuse, Add	*12.92*	
02 41 19 13-0037	SF	Demolish 12" Thick Brick Exterior Wall		9.45
		For Cleaning and Storage For Reuse, Add	*14.18*	
02 41 19 13-0038	SF	Demolish 16" Thick Brick Exterior Wall		11.82
		For Cleaning and Storage For Reuse, Add	*17.73*	
02 41 19 13-0039	CF	Exterior Brick, Concrete Block Or Composite Removal		16.80
		For Cleaning and Storage For Reuse, Add	*25.20*	

02 41 19 13-0040 Lintel Removal *(02 41 19 13-0001)*

Note: Includes any saw cutting that may be required for size reduction into manageable pieces for handling and disposal. Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0057 for saw cutting.

02 41 19 13-0041	LF	Demolish Steel Lintel	13.26
02 41 19 13-0042	LF	Demolish Concrete Or Stone Lintel	17.68
02 41 19 13-0043	LF	Demolish Steel Shelf Angle	14.00

02 41 19 13-0044 Reinstall Lintel *(02 41 19 13-0001)*

Note: Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0057 for saw cutting.

02 41 19 13-0045	LF	Clean, Prime And Paint Steel Shelf Angle Or Lintel	7.63
02 41 19 13-0046	LF	Reinstall Existing Concrete Or Stone Lintel	17.68
02 41 19 13-0047	LF	Reinstall Existing Steel Shelf Angle Note: Includes fasteners.	48.31
02 41 19 13-0048	LF	Reinstall Existing Steel Lintel	19.65
02 41 19 13-0049	LF	Removal And Replacement Of Steel Shelf Angle Over Window Openings At Cavity Walls	81.21
02 41 19 13-0050	LF	Removal And Replacement Of Steel Lintel Over Window Openings	142.21

02 41 19 13-0051 Exterior Concrete Wall Removal *(02 41 19 13)*

02 41 19 13-0052	SF	Demolish 4" Thick Reinforced Concrete Exterior Wall	7.46
02 41 19 13-0053	SF	Demolish 6" Thick Reinforced Concrete Exterior Wall	13.54
02 41 19 13-0054	SF	Demolish 8" Thick Reinforced Concrete Exterior Wall	17.02
02 41 19 13-0055	SF	Demolish 10" Thick Reinforced Concrete Exterior Wall	20.07
02 41 19 13-0056	SF	Demolish 12" Thick Reinforced Concrete Exterior Wall	23.73

02 41 19 13-0057 Saw Cutting *(02 41 19 13)*

Note: Includes blade wear, water, taping off area, layout, clean-up and mist spray with wet vacuuming for dust control where necessary. For projects where the total saw cutting charge is less than the minimum charge, use task "Saw Cut Minimum Charge" exclusively. Task "Saw Cut Minimum Charge" should not be used in conjunction with any other tasks in this section.

02 41 19 13-0058	EA	Saw Cut Minimum Charge Note: For projects where the total saw cutting charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		1,176.80
02 41 19 13-0059	LF	Bituminous Paving Up To 4" Depth, Saw Cut		2.63
		For Each Additional Pass (Depth To 3"), Add	*1.01*	
		For >250, Deduct	*-0.25*	
02 41 19 13-0060	LF	Brick Masonry Up To 4" Depth, Saw Cut		9.66
		For Each Additional Pass (Depth To 3"), Add	*3.81*	
		For >250, Deduct	*-0.95*	
02 41 19 13-0061	LF	Concrete Block Up To 4" Depth, Saw Cut		8.74
		For Each Additional Pass (Depth To 3"), Add	*3.44*	
		For >250, Deduct	*-0.86*	
02 41 19 13-0062	LF	Non-Reinforced Concrete Slab Or Paving Up To 4" Depth, Saw Cut		3.03
		For Each Additional Pass (Depth To 3"), Add	*1.15*	
		For >250, Deduct	*-0.28*	
02 41 19 13-0063	LF	Welded Wire Reinforced Concrete Slab Up To 4" Depth, Saw Cut		3.98
		For Each Additional Pass (Depth To 3"), Add	*1.52*	
		For >250, Deduct	*-0.37*	
02 41 19 13-0064	LF	Rod Reinforced Concrete Slab Up To 4" Depth, Saw Cut		6.51
		For Each Additional Pass (Depth To 3"), Add	*2.52*	
		For >250, Deduct	*-0.62*	
02 41 19 13-0065	LF	Plain Concrete Walls Up To 4" Depth, Saw Cut		12.33
		For Each Additional Pass (Depth To 3"), Add	*4.87*	
		For >250, Deduct	*-1.21*	
02 41 19 13-0066	LF	Saw Cut Rod Reinforced Concrete Walls Up To 4" Depth		16.56
		For Each Additional Pass (Depth To 3"), Add	*6.54*	
		For >250, Deduct	*-1.63*	
02 41 19 13-0067	LF	Concrete And Asphalt Up To 4" Depth, Saw Cut In Streets		3.30
		For Each Additional Pass (Depth To 3"), Add	*1.19*	
		For >250, Deduct	*-0.29*	
02 41 19 13-0068	LF	Igneous Stone Pavements Up To 4" Depth, Saw Cut		8.78
		For Each Additional Pass (Depth To 3"), Add	*3.45*	
		For >250, Deduct	*-0.86*	
02 41 19 13-0069	LF	Sedimentary Stone Pavements Up To 4" Depth, Saw Cut		8.78
		For Each Additional Pass (Depth To 3"), Add	*3.45*	
		For >250, Deduct	*-0.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0070	LF	Metamorphic Stone Pavements Up To 4" Depth, Saw Cut	8.78	
		For Each Additional Pass (Depth To 3"), Add	*3.45*	
		For >250, Deduct	*-0.86*	
02 41 19 13-0071	LF	Terrazzo Stone Pavements Up To 4" Depth, Saw Cut	8.78	
		For Each Additional Pass (Depth To 3"), Add	*3.45*	
		For >250, Deduct	*-0.86*	

02 41 19 13-0072 Torch Cutting *(02 41 19 13)*

Note: Includes grinding edge

02 41 19 13-0073	LF	Up To 1/2", Torch Cut Steel Plate	3.27	
02 41 19 13-0074	LF	>1/2" To 1" Thick, Torch Cut Steel Plate	6.54	
02 41 19 13-0075	LF	>1" To 1-1/2" Thick, Torch Cut Steel Plate	9.81	
02 41 19 13-0076	LF	>1-1/2" To 2" Thick, Torch Cut Steel Plate	13.08	
02 41 19 13-0077	LF	>2" To 2-1/2" Thick, Torch Cut Steel Plate	16.36	
02 41 19 13-0078	LF	>2-1/2" To 3" Thick, Torch Cut Steel Plate	19.62	
02 41 19 13-0079	EA	Torch Cutting Minimum Charge	1,065.69	
		Note: For projects where the total torch cutting charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		

02 41 19 13-0080 Drilling In Existing Materials *(02 41 19 13)*

Note: Includes drill bit wear, water, layout, set-up and clean-up.

02 41 19 13-0081 Concrete Core Drilling *(02 41 19 13-0080)*

02 41 19 13-0082 Up To 4" Thick Concrete Core Drilling *(02 41 19 13-0081)*

02 41 19 13-0083	EA	Drill 1" Diameter Core In Up To 4" Concrete	46.66	
		For Horizontal Cores, Add	*9.23*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*18.46*	
02 41 19 13-0084	EA	Drill 1-1/2" Diameter Core In Up To 4" Concrete	51.78	
		For Horizontal Cores, Add	*10.25*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*20.51*	
02 41 19 13-0085	EA	Drill 2" Diameter Core In Up To 4" Concrete	57.48	
		For Horizontal Cores, Add	*11.39*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*22.79*	
02 41 19 13-0086	EA	Drill 3" Diameter Core In Up To 4" Concrete	82.08	
		For Horizontal Cores, Add	*16.28*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*32.56*	
02 41 19 13-0087	EA	Drill 4" Diameter Core In Up To 4" Concrete	109.99	
		For Horizontal Cores, Add	*21.81*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*43.62*	
02 41 19 13-0088	EA	Drill 6" Diameter Core In Up To 4" Concrete	123.26	
		For Horizontal Cores, Add	*24.42*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*48.84*	
02 41 19 13-0089	EA	Drill 8" Diameter Core In Up To 4" Concrete	196.94	
		For Horizontal Cores, Add	*39.07*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*78.14*	
02 41 19 13-0090	EA	Drill 10" Diameter Core In Up To 4" Concrete	246.36	
		For Horizontal Cores, Add	*48.83*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*97.67*	
02 41 19 13-0091	EA	Drill 12" Diameter Core In Up To 4" Concrete	287.50	
		For Horizontal Cores, Add	*56.98*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*113.95*	
02 41 19 13-0092	EA	Drill 14" Diameter Core In Up To 4" Concrete	328.65	
		For Horizontal Cores, Add	*65.11*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*130.21*	
02 41 19 13-0093	EA	Drill 18" Diameter Core In Up To 4" Concrete	370.22	
		For Horizontal Cores, Add	*73.24*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*146.48*	

02 41 19 13-0094 >4" To 6" Thick Concrete Core Drilling *(02 41 19 13-0081)*

02 41 19 13-0095	EA	Drill 1" Diameter Core In >4" To 6" Concrete	66.71	
		For Horizontal Cores, Add	*13.18*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*26.37*	
02 41 19 13-0096	EA	Drill 1-1/2" Diameter Core In >4" To 6" Concrete	74.02	
		For Horizontal Cores, Add	*14.65*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*29.29*	
02 41 19 13-0097	EA	Drill 2" Diameter Core In >4" To 6" Concrete	82.17	
		For Horizontal Cores, Add	*16.28*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*32.55*	
02 41 19 13-0098	EA	Drill 3" Diameter Core In >4" To 6" Concrete	98.75	
		For Horizontal Cores, Add	*19.53*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*39.07*	
02 41 19 13-0099	EA	Drill 4" Diameter Core In >4" To 6" Concrete	123.52	
		For Horizontal Cores, Add	*24.42*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*48.84*	
02 41 19 13-0100	EA	Drill 6" Diameter Core In >4" To 6" Concrete	164.56	
		For Horizontal Cores, Add	*32.56*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*65.11*	
02 41 19 13-0101	EA	Drill 8" Diameter Core In >4" To 6" Concrete	246.60	
		For Horizontal Cores, Add	*48.83*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*97.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0102	EA	Drill 10" Diameter Core In >4" To 6" Concrete	288.15	
		For Horizontal Cores, Add	*56.98*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*113.95*	
02 41 19 13-0103	EA	Drill 12" Diameter Core In >4" To 6" Concrete	329.45	
		For Horizontal Cores, Add	*65.11*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*130.21*	
02 41 19 13-0104	EA	Drill 14" Diameter Core In >4" To 6" Concrete	370.97	
		For Horizontal Cores, Add	*73.24*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*146.48*	
02 41 19 13-0105	EA	Drill 18" Diameter Core In >4" To 6" Concrete	413.10	
		For Horizontal Cores, Add	*81.39*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*162.77*	

02 41 19 13-0106 >6" To 8" Thick Concrete Core Drilling *(02 41 19 13-0081)*

02 41 19 13-0107	EA	Drill 1" Diameter Core In >6" To 8" Concrete	73.58	
		For Horizontal Cores, Add	*14.50*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*29.00*	
02 41 19 13-0108	EA	Drill 1-1/2" Diameter Core In >6" To 8" Concrete	81.65	
		For Horizontal Cores, Add	*16.12*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*32.23*	
02 41 19 13-0109	EA	Drill 2" Diameter Core In >6" To 8" Concrete	90.59	
		For Horizontal Cores, Add	*17.90*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*35.81*	
02 41 19 13-0110	EA	Drill 3" Diameter Core In >6" To 8" Concrete	107.28	
		For Horizontal Cores, Add	*21.16*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*42.32*	
02 41 19 13-0111	EA	Drill 4" Diameter Core In >6" To 8" Concrete	140.28	
		For Horizontal Cores, Add	*27.67*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*55.34*	
02 41 19 13-0112	EA	Drill 6" Diameter Core In >6" To 8" Concrete	197.72	
		For Horizontal Cores, Add	*39.07*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*78.14*	
02 41 19 13-0113	EA	Drill 8" Diameter Core In >6" To 8" Concrete	328.78	
		For Horizontal Cores, Add	*65.11*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*130.21*	
02 41 19 13-0114	EA	Drill 10" Diameter Core In >6" To 8" Concrete	370.56	
		For Horizontal Cores, Add	*73.24*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*146.48*	
02 41 19 13-0115	EA	Drill 12" Diameter Core In >6" To 8" Concrete	412.15	
		For Horizontal Cores, Add	*81.39*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*162.77*	
02 41 19 13-0116	EA	Drill 14" Diameter Core In >6" To 8" Concrete	453.96	
		For Horizontal Cores, Add	*89.51*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*179.02*	
02 41 19 13-0117	EA	Drill 18" Diameter Core In >6" To 8" Concrete	496.67	
		For Horizontal Cores, Add	*97.67*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*195.33*	

02 41 19 13-0118 >8" To 10" Thick Concrete Core Drilling *(02 41 19 13-0081)*

02 41 19 13-0119	EA	Drill 1" Diameter Core In >8" To 10" Concrete	87.05	
		For Horizontal Cores, Add	*17.14*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*34.28*	
02 41 19 13-0120	EA	Drill 1-1/2" Diameter Core In >8" To 10" Concrete	96.57	
		For Horizontal Cores, Add	*19.04*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*38.09*	
02 41 19 13-0121	EA	Drill 2" Diameter Core In >8" To 10" Concrete	107.16	
		For Horizontal Cores, Add	*21.16*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*42.32*	
02 41 19 13-0122	EA	Drill 3" Diameter Core In >8" To 10" Concrete	123.95	
		For Horizontal Cores, Add	*24.42*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*48.84*	
02 41 19 13-0123	EA	Drill 4" Diameter Core In >8" To 10" Concrete	140.78	
		For Horizontal Cores, Add	*27.67*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*55.34*	
02 41 19 13-0124	EA	Drill 6" Diameter Core In >8" To 10" Concrete	198.33	
		For Horizontal Cores, Add	*39.07*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*78.14*	
02 41 19 13-0125	EA	Drill 8" Diameter Core In >8" To 10" Concrete	329.60	
		For Horizontal Cores, Add	*65.11*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*130.21*	
02 41 19 13-0126	EA	Drill 10" Diameter Core In >8" To 10" Concrete	371.65	
		For Horizontal Cores, Add	*73.24*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*146.48*	
02 41 19 13-0127	EA	Drill 12" Diameter Core In >8" To 10" Concrete	413.37	
		For Horizontal Cores, Add	*81.37*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*162.74*	
02 41 19 13-0128	EA	Drill 14" Diameter Core In >8" To 10" Concrete	455.61	
		For Horizontal Cores, Add	*89.51*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*179.02*	
02 41 19 13-0129	EA	Drill 18" Diameter Core In >8" To 10" Concrete	498.72	
		For Horizontal Cores, Add	*97.64*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*195.29*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

02 41 19 13-0130 >10" To 12" Thick Concrete Core Drilling *(02 41 19 13-0081)*

02 41 19 13-0131	EA	Drill 1" Diameter Core In >10" To 12" Concrete	93.93
		For Horizontal Cores, Add	*18.46*
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*36.92*
02 41 19 13-0132	EA	Drill 1-1/2" Diameter Core In >10" To 12" Concrete	104.18
		For Horizontal Cores, Add	*20.51*
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*41.02*
02 41 19 13-0133	EA	Drill 2" Diameter Core In >10" To 12" Concrete	115.58
		For Horizontal Cores, Add	*22.79*
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*45.58*
02 41 19 13-0134	EA	Drill 3" Diameter Core In >10" To 12" Concrete	124.34
		For Horizontal Cores, Add	*24.42*
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*48.84*
02 41 19 13-0135	EA	Drill 4" Diameter Core In >10" To 12" Concrete	165.70
		For Horizontal Cores, Add	*32.56*
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*65.11*
02 41 19 13-0136	EA	Drill 6" Diameter Core In >10" To 12" Concrete	215.21
		For Horizontal Cores, Add	*42.32*
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*84.65*
02 41 19 13-0137	EA	Drill 8" Diameter Core In >10" To 12" Concrete	346.71
		For Horizontal Cores, Add	*68.36*
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*136.73*
02 41 19 13-0138	EA	Drill 10" Diameter Core In >10" To 12" Concrete	372.73
		For Horizontal Cores, Add	*73.24*
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*146.48*
02 41 19 13-0139	EA	Drill 12" Diameter Core In >10" To 12" Concrete	431.07
		For Horizontal Cores, Add	*84.65*
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*169.30*

02 41 19 13-0140 >12" Thick Concrete Core Drilling *(02 41 19 13-0081)*

02 41 19 13-0141	IN	Drill 1" Diameter Core In >12" Concrete	11.42
		For Horizontal Cores, Add	*2.26*
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*4.51*
02 41 19 13-0142	IN	Drill 1-1/2" Diameter Core In >12" Concrete	12.68
		For Horizontal Cores, Add	*2.51*
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*5.02*
02 41 19 13-0143	IN	Drill 2" Diameter Core In >12" Concrete	14.07
		For Horizontal Cores, Add	*2.79*
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*5.57*
02 41 19 13-0144	IN	Drill 3" Diameter Core In >12" Concrete	15.45
		For Horizontal Cores, Add	*3.05*
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*6.10*
02 41 19 13-0145	IN	Drill 4" Diameter Core In >12" Concrete	20.58
		For Horizontal Cores, Add	*4.07*
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*8.14*
02 41 19 13-0146	IN	Drill 6" Diameter Core In >12" Concrete	26.77
		For Horizontal Cores, Add	*5.29*
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*10.59*
02 41 19 13-0147	IN	Drill 8" Diameter Core In >12" Concrete	43.17
		For Horizontal Cores, Add	*8.55*
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*17.10*
02 41 19 13-0148	IN	Drill 10" Diameter Core In >12" Concrete	46.51
		For Horizontal Cores, Add	*9.19*
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*18.39*
02 41 19 13-0149	IN	Drill 12" Diameter Core In >12" Concrete	53.59
		For Horizontal Cores, Add	*10.59*
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*21.18*

02 41 19 13-0150 Brick/Concrete Block Core Drilling *(02 41 19 13-0080)*

02 41 19 13-0151 Up To 4" Thick Brick/Concrete Block Core Drilling *(02 41 19 13-0150)*

02 41 19 13-0152	EA	Drill 1" Diameter Core In Up To 4" Brick/Concrete Block	37.43
		For Horizontal Cores, Add	*7.38*
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*14.77*
02 41 19 13-0153	EA	Drill 1-1/2" Diameter Core In Up To 4" Brick/Concrete Block	41.52
		For Horizontal Cores, Add	*8.20*
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*16.40*
02 41 19 13-0154	EA	Drill 2" Diameter Core In Up To 4" Brick/Concrete Block	46.09
		For Horizontal Cores, Add	*9.12*
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*18.23*
02 41 19 13-0155	EA	Drill 3" Diameter Core In Up To 4" Brick/Concrete Block	65.80
		For Horizontal Cores, Add	*13.02*
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*26.04*
02 41 19 13-0156	EA	Drill 4" Diameter Core In Up To 4" Brick/Concrete Block	88.18
		For Horizontal Cores, Add	*17.45*
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*34.90*
02 41 19 13-0157	EA	Drill 6" Diameter Core In Up To 4" Brick/Concrete Block	98.84
		For Horizontal Cores, Add	*19.53*
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*39.07*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0158	EA	Drill 8" Diameter Core In Up To 4" Brick/Concrete Block	157.88	
		For Horizontal Cores, Add	*31.26*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*62.51*	
02 41 19 13-0159	EA	Drill 10" Diameter Core In Up To 4" Brick/Concrete Block	197.52	
		For Horizontal Cores, Add	*39.07*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*78.13*	
02 41 19 13-0160	EA	Drill 12" Diameter Core In Up To 4" Brick/Concrete Block	230.53	
		For Horizontal Cores, Add	*45.58*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*91.16*	
02 41 19 13-0161	EA	Drill 14" Diameter Core In Up To 4" Brick/Concrete Block	263.54	
		For Horizontal Cores, Add	*52.08*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*104.17*	
02 41 19 13-0162	EA	Drill 18" Diameter Core In Up To 4" Brick/Concrete Block	296.97	
		For Horizontal Cores, Add	*58.59*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*117.18*	

02 41 19 13-0163 >4" To 6" Thick Brick/Concrete Block Core Drilling *(02 41 19 13-0150)*

02 41 19 13-0164	EA	Drill 1" Diameter Core In >4" To 6" Brick/Concrete Block	53.51	
		For Horizontal Cores, Add	*10.54*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*21.09*	
02 41 19 13-0165	EA	Drill 1-1/2" Diameter Core In >4" To 6" Brick/Concrete Block	59.37	
		For Horizontal Cores, Add	*11.72*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*23.43*	
02 41 19 13-0166	EA	Drill 2" Diameter Core In >4" To 6" Brick/Concrete Block	65.88	
		For Horizontal Cores, Add	*13.02*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*26.04*	
02 41 19 13-0167	EA	Drill 3" Diameter Core In >4" To 6" Brick/Concrete Block	79.21	
		For Horizontal Cores, Add	*15.63*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*31.25*	
02 41 19 13-0168	EA	Drill 4" Diameter Core In >4" To 6" Brick/Concrete Block	99.10	
		For Horizontal Cores, Add	*19.53*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*39.07*	
02 41 19 13-0169	EA	Drill 6" Diameter Core In >4" To 6" Brick/Concrete Block	132.00	
		For Horizontal Cores, Add	*26.04*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*52.09*	
02 41 19 13-0170	EA	Drill 8" Diameter Core In >4" To 6" Brick/Concrete Block	197.76	
		For Horizontal Cores, Add	*39.07*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*78.13*	
02 41 19 13-0171	EA	Drill 10" Diameter Core In >4" To 6" Brick/Concrete Block	231.18	
		For Horizontal Cores, Add	*45.58*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*91.16*	
02 41 19 13-0172	EA	Drill 12" Diameter Core In >4" To 6" Brick/Concrete Block	264.34	
		For Horizontal Cores, Add	*52.08*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*104.17*	
02 41 19 13-0173	EA	Drill 14" Diameter Core In >4" To 6" Brick/Concrete Block	297.72	
		For Horizontal Cores, Add	*58.59*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*117.18*	
02 41 19 13-0174	EA	Drill 18" Diameter Core In >4" To 6" Brick/Concrete Block	331.71	
		For Horizontal Cores, Add	*65.11*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*130.22*	

02 41 19 13-0175 >6" To 8" Thick Brick/Concrete Block Core Drilling *(02 41 19 13-0150)*

02 41 19 13-0176	EA	Drill 1" Diameter Core In >6" To 8" Brick/Concrete Block	59.08	
		For Horizontal Cores, Add	*11.60*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*23.20*	
02 41 19 13-0177	EA	Drill 1-1/2" Diameter Core In >6" To 8" Brick/Concrete Block	65.53	
		For Horizontal Cores, Add	*12.89*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*25.78*	
02 41 19 13-0178	EA	Drill 2" Diameter Core In >6" To 8" Brick/Concrete Block	72.69	
		For Horizontal Cores, Add	*14.32*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*28.65*	
02 41 19 13-0179	EA	Drill 3" Diameter Core In >6" To 8" Brick/Concrete Block	86.11	
		For Horizontal Cores, Add	*16.93*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*33.86*	
02 41 19 13-0180	EA	Drill 4" Diameter Core In >6" To 8" Brick/Concrete Block	112.60	
		For Horizontal Cores, Add	*22.14*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*44.27*	
02 41 19 13-0181	EA	Drill 6" Diameter Core In >6" To 8" Brick/Concrete Block	158.66	
		For Horizontal Cores, Add	*31.26*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*62.51*	
02 41 19 13-0182	EA	Drill 8" Diameter Core In >6" To 8" Brick/Concrete Block	263.67	
		For Horizontal Cores, Add	*52.08*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*104.17*	
02 41 19 13-0183	EA	Drill 10" Diameter Core In >6" To 8" Brick/Concrete Block	297.31	
		For Horizontal Cores, Add	*58.59*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*117.18*	
02 41 19 13-0184	EA	Drill 12" Diameter Core In >6" To 8" Brick/Concrete Block	330.76	
		For Horizontal Cores, Add	*65.11*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*130.22*	
02 41 19 13-0185	EA	Drill 14" Diameter Core In >6" To 8" Brick/Concrete Block	364.44	
		For Horizontal Cores, Add	*71.61*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*143.21*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0186	EA	Drill 18" Diameter Core In >6" To 8" Brick/Concrete Block	399.00	
		For Horizontal Cores, Add	*78.13*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*156.26*	

02 41 19 13-0187 >8" To 10" Thick Brick/Concrete Block Core Drilling *(02 41 19 13-0150)*

02 41 19 13-0188	EA	Drill 1" Diameter Core In >8" To 10" Brick/Concrete Block	69.90	
		For Horizontal Cores, Add	*13.71*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*27.42*	
02 41 19 13-0189	EA	Drill 1-1/2" Diameter Core In >8" To 10" Brick/Concrete Block	77.53	
		For Horizontal Cores, Add	*15.24*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*30.47*	
02 41 19 13-0190	EA	Drill 2" Diameter Core In >8" To 10" Brick/Concrete Block	85.99	
		For Horizontal Cores, Add	*16.93*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*33.86*	
02 41 19 13-0191	EA	Drill 3" Diameter Core In >8" To 10" Brick/Concrete Block	99.53	
		For Horizontal Cores, Add	*19.53*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*39.07*	
02 41 19 13-0192	EA	Drill 4" Diameter Core In >8" To 10" Brick/Concrete Block	113.10	
		For Horizontal Cores, Add	*22.14*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*44.27*	
02 41 19 13-0193	EA	Drill 6" Diameter Core In >8" To 10" Brick/Concrete Block	159.27	
		For Horizontal Cores, Add	*31.26*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*62.51*	
02 41 19 13-0194	EA	Drill 8" Diameter Core In >8" To 10" Brick/Concrete Block	264.49	
		For Horizontal Cores, Add	*52.08*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*104.17*	
02 41 19 13-0195	EA	Drill 10" Diameter Core In >8" To 10" Brick/Concrete Block	298.40	
		For Horizontal Cores, Add	*58.59*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*117.18*	
02 41 19 13-0196	EA	Drill 12" Diameter Core In >8" To 10" Brick/Concrete Block	332.00	
		For Horizontal Cores, Add	*65.10*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*130.19*	
02 41 19 13-0197	EA	Drill 14" Diameter Core In >8" To 10" Brick/Concrete Block	366.09	
		For Horizontal Cores, Add	*71.61*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*143.21*	
02 41 19 13-0198	EA	Drill 18" Diameter Core In >8" To 10" Brick/Concrete Block	401.08	
		For Horizontal Cores, Add	*78.12*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*156.23*	

02 41 19 13-0199 >10" To 12" Thick Brick/Concrete Block Core Drilling *(02 41 19 13-0150)*

02 41 19 13-0200	EA	Drill 1" Diameter Core In >10" To 12" Brick/Concrete Block	75.47	
		For Horizontal Cores, Add	*14.77*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*29.54*	
02 41 19 13-0201	EA	Drill 1-1/2" Diameter Core In >10" To 12" Brick/Concrete Block	83.67	
		For Horizontal Cores, Add	*16.41*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*32.82*	
02 41 19 13-0202	EA	Drill 2" Diameter Core In >10" To 12" Brick/Concrete Block	92.79	
		For Horizontal Cores, Add	*18.23*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*36.46*	
02 41 19 13-0203	EA	Drill 3" Diameter Core In >10" To 12" Brick/Concrete Block	99.92	
		For Horizontal Cores, Add	*19.53*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*39.07*	
02 41 19 13-0204	EA	Drill 4" Diameter Core In >10" To 12" Brick/Concrete Block	133.14	
		For Horizontal Cores, Add	*26.04*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*52.09*	
02 41 19 13-0205	EA	Drill 6" Diameter Core In >10" To 12" Brick/Concrete Block	172.89	
		For Horizontal Cores, Add	*33.86*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*67.72*	
02 41 19 13-0206	EA	Drill 8" Diameter Core In >10" To 12" Brick/Concrete Block	278.35	
		For Horizontal Cores, Add	*54.69*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*109.38*	
02 41 19 13-0207	EA	Drill 10" Diameter Core In >10" To 12" Brick/Concrete Block	299.48	
		For Horizontal Cores, Add	*58.59*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*117.18*	
02 41 19 13-0208	EA	Drill 12" Diameter Core In >10" To 12" Brick/Concrete Block	346.41	
		For Horizontal Cores, Add	*67.72*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*135.44*	

02 41 19 13-0209 >12" Thick Brick/Concrete Block Core Drilling *(02 41 19 13-0150)*

02 41 19 13-0210	IN	Drill 1" Diameter Core In >12" Brick/Concrete Block	9.17	
		For Horizontal Cores, Add	*1.81*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*3.61*	
02 41 19 13-0211	IN	Drill 1-1/2" Diameter Core In >12" Brick/Concrete Block	10.17	
		For Horizontal Cores, Add	*2.01*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*4.01*	
02 41 19 13-0212	IN	Drill 2" Diameter Core In >12" Brick/Concrete Block	11.28	
		For Horizontal Cores, Add	*2.23*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*4.46*	
02 41 19 13-0213	IN	Drill 3" Diameter Core In >12" Brick/Concrete Block	12.39	
		For Horizontal Cores, Add	*2.44*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*4.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0214	IN	Drill 4" Diameter Core In >12" Brick/Concrete Block	16.51	
		For Horizontal Cores, Add	*3.25*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*6.51*	
02 41 19 13-0215	IN	Drill 6" Diameter Core In >12" Brick/Concrete Block	21.47	
		For Horizontal Cores, Add	*4.23*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*8.47*	
02 41 19 13-0216	IN	Drill 8" Diameter Core In >12" Brick/Concrete Block	34.62	
		For Horizontal Cores, Add	*6.84*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*13.68*	
02 41 19 13-0217	IN	Drill 10" Diameter Core In >12" Brick/Concrete Block	37.32	
		For Horizontal Cores, Add	*7.36*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*14.71*	
02 41 19 13-0218	IN	Drill 12" Diameter Core In >12" Brick/Concrete Block	43.00	
		For Horizontal Cores, Add	*8.47*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*16.94*	
02 41 19 13-0219		Asphalt Core Drilling *(02 41 19 13-0080)*		
02 41 19 13-0220		Up To 2" Thick Asphalt Core Drilling *(02 41 19 13-0219)*		
02 41 19 13-0221	EA	Drill 2" Diameter Core In Up To 2" Asphalt	34.99	
02 41 19 13-0222	EA	Drill 3" Diameter Core In Up To 2" Asphalt	43.40	
02 41 19 13-0223	EA	Drill 4" Diameter Core In Up To 2" Asphalt	54.61	
02 41 19 13-0224	EA	Drill 6" Diameter Core In Up To 2" Asphalt	68.62	
02 41 19 13-0225	EA	Drill 8" Diameter Core In Up To 2" Asphalt	85.47	
02 41 19 13-0226	EA	Drill 10" Diameter Core In Up To 2" Asphalt	106.43	
02 41 19 13-0227	EA	Drill 12" Diameter Core In Up To 2" Asphalt	133.01	
02 41 19 13-0228		>2" To 3" Thick Asphalt Core Drilling *(02 41 19 13-0219)*		
02 41 19 13-0229	EA	Drill 2" Diameter Core In >2" To 3" Asphalt	44.76	
02 41 19 13-0230	EA	Drill 3" Diameter Core In >2" To 3" Asphalt	55.97	
02 41 19 13-0231	EA	Drill 4" Diameter Core In >2" To 3" Asphalt	69.97	
02 41 19 13-0232	EA	Drill 6" Diameter Core In >2" To 3" Asphalt	88.17	
02 41 19 13-0233	EA	Drill 8" Diameter Core In >2" To 3" Asphalt	109.22	
02 41 19 13-0234	EA	Drill 10" Diameter Core In >2" To 3" Asphalt	137.17	
02 41 19 13-0235	EA	Drill 12" Diameter Core In >2" To 3" Asphalt	170.74	
02 41 19 13-0236		>3" To 4" Thick Asphalt Core Drilling *(02 41 19 13-0219)*		
02 41 19 13-0237	EA	Drill 2" Diameter Core In >3" To 4" Asphalt	57.37	
02 41 19 13-0238	EA	Drill 3" Diameter Core In >3" To 4" Asphalt	71.40	
02 41 19 13-0239	EA	Drill 4" Diameter Core In >3" To 4" Asphalt	89.62	
02 41 19 13-0240	EA	Drill 6" Diameter Core In >3" To 4" Asphalt	112.03	
02 41 19 13-0241	EA	Drill 8" Diameter Core In >3" To 4" Asphalt	140.10	
02 41 19 13-0242	EA	Drill 10" Diameter Core In >3" To 4" Asphalt	175.06	
02 41 19 13-0243	EA	Drill 12 Diameter Core In >3" To 4" Asphalt	218.42	
02 41 19 13-0244		>4" To 6" Thick Asphalt Core Drilling *(02 41 19 13-0219)*		
02 41 19 13-0245	EA	Drill 2" Diameter Core In >4" To 6" Asphalt	72.83	
02 41 19 13-0246	EA	Drill 3" Diameter Core In >4" To 6" Asphalt	92.48	
02 41 19 13-0247	EA	Drill 4" Diameter Core In >4" To 6" Asphalt	114.94	
02 41 19 13-0248	EA	Drill 6" Diameter Core In >4" To 6" Asphalt	142.98	
02 41 19 13-0249	EA	Drill 8" Diameter Core In >4" To 6" Asphalt	179.52	
02 41 19 13-0250	EA	Drill 10" Diameter Core In >4" To 6" Asphalt	224.29	
02 41 19 13-0251	EA	Drill 12" Diameter Core In >4" To 6" Asphalt	280.29	
02 41 19 13-0252		Manhole Core Drilling *(02 41 19 13-0080)*		
02 41 19 13-0253	EA	Drill 4" Diameter Core In 6" Brick Manhole	245.13	
02 41 19 13-0254	EA	Drill 5" Diameter Core In 6" Brick Manhole	280.14	
02 41 19 13-0255	EA	Drill 6" Diameter Core In 6" Brick Manhole	326.72	
02 41 19 13-0256	EA	Drill 8" Diameter Core In 6" Brick Manhole	489.95	
02 41 19 13-0257	EA	Drill 2" Diameter Core In 8" Concrete Manhole	328.44	
02 41 19 13-0258	EA	Drill 3" Diameter Core In 8" Concrete Manhole	349.73	
02 41 19 13-0259	EA	Drill 4" Diameter Core In 8" Concrete Manhole	385.01	
02 41 19 13-0260	EA	Drill 5" Diameter Core In 8" Concrete Manhole	413.10	
02 41 19 13-0261	EA	Drill 6" Diameter Core In 8" Concrete Manhole	489.95	
02 41 19 13-0262	EA	Drill 8" Diameter Core In 8" Concrete Manhole	699.77	
02 41 19 13-0263	EA	Drill 2" Diameter Core In Fiberglass Manhole	32.58	
02 41 19 13-0264	EA	Drill 3" Diameter Core In Fiberglass Manhole	37.60	
02 41 19 13-0265	EA	Drill 4" Diameter Core In Fiberglass Manhole	40.75	
02 41 19 13-0266	EA	Drill 5" Diameter Core In Fiberglass Manhole	44.46	
02 41 19 13-0267	EA	Drill 6" Diameter Core In Fiberglass Manhole	48.90	
02 41 19 13-0268	EA	Drill 8" Diameter Core In Fiberglass Manhole	54.34	
02 41 19 13-0269		Drilling In Concrete Per Inch Of Depth *(02 41 19 13-0080)*		
		Note: Includes layout.		
02 41 19 13-0270	IN	1/4" Diameter Drilling In Concrete Per Inch Of Depth	2.47	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0271	IN	5/16" Diameter Drilling In Concrete Per Inch Of Depth	2.63	
02 41 19 13-0272	IN	3/8" Diameter Drilling In Concrete Per Inch Of Depth	2.77	
02 41 19 13-0273	IN	1/2" Diameter Drilling In Concrete Per Inch Of Depth	2.98	
02 41 19 13-0274	IN	5/8" Diameter Drilling In Concrete Per Inch Of Depth	3.16	
02 41 19 13-0275	IN	3/4" Diameter Drilling In Concrete Per Inch Of Depth	3.48	
02 41 19 13-0276	IN	7/8" Diameter Drilling In Concrete Per Inch Of Depth	3.76	
02 41 19 13-0277	IN	1" Diameter Drilling In Concrete Per Inch Of Depth	3.95	
02 41 19 13-0278	IN	1-1/8" Diameter Drilling In Concrete Per Inch Of Depth	4.65	
02 41 19 13-0279	IN	1-1/4" Diameter Drilling In Concrete Per Inch Of Depth	4.37	
02 41 19 13-0280	IN	1-3/8" Diameter Drilling In Concrete Per Inch Of Depth	4.65	
02 41 19 13-0281	IN	1-1/2" Diameter Drilling In Concrete Per Inch Of Depth	4.95	
02 41 19 13-0282	IN	1-3/4" Diameter Drilling In Concrete Per Inch Of Depth	5.48	
02 41 19 13-0283	IN	2" Diameter Drilling In Concrete Per Inch Of Depth	6.38	
02 41 19 13-0284		Drilling In Brick/Concrete Block Per Inch Of Depth *(02 41 19 13-0080)*		
		Note: Includes layout.		
02 41 19 13-0285	IN	1/4" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	2.07	
02 41 19 13-0286	IN	5/16" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	2.19	
02 41 19 13-0287	IN	3/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	2.31	
02 41 19 13-0288	IN	1/2" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	2.47	
02 41 19 13-0289	IN	5/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	2.64	
02 41 19 13-0290	IN	3/4" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	2.89	
02 41 19 13-0291	IN	7/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	3.13	
02 41 19 13-0292	IN	1" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	3.29	
02 41 19 13-0293	IN	1-1/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	3.47	
02 41 19 13-0294	IN	1-1/4" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	3.64	
02 41 19 13-0295	IN	1-3/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	3.89	
02 41 19 13-0296	IN	1-1/2" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	4.12	
02 41 19 13-0297	IN	1-3/4" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	4.60	
02 41 19 13-0298	IN	2" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	5.32	
02 41 19 13-0299		Drilling In Wood Or Plastic Per Inch Of Depth *(02 41 19 13-0080)*		
		Note: Includes layout.		
02 41 19 13-0300	IN	1/4" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.03	
02 41 19 13-0301	IN	5/16" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.09	
02 41 19 13-0302	IN	3/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.16	
02 41 19 13-0303	IN	1/2" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.24	
02 41 19 13-0304	IN	5/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.31	
02 41 19 13-0305	IN	3/4" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.44	
02 41 19 13-0306	IN	7/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.56	
02 41 19 13-0307	IN	1" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.65	
02 41 19 13-0308	IN	1-1/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.73	
02 41 19 13-0309	IN	1-1/4" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.81	
02 41 19 13-0310	IN	1-3/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.93	
02 41 19 13-0311	IN	1-1/2" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	2.06	
02 41 19 13-0312	IN	1-3/4" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	2.29	
02 41 19 13-0313	IN	2" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	2.66	
02 41 19 13-0314		Limestone Core Drilling *(02 41 19 13-0080)*		
02 41 19 13-0315		10" To 14" Thick Limestone Core Drilling *(02 41 19 13-0314)*		
02 41 19 13-0316	EA	Drill 1" Diameter Core In 10" To 14" Limestone	70.32	
02 41 19 13-0317	EA	Drill 1-1/2" Diameter Core In 10" To 14" Limestone	84.46	
02 41 19 13-0318	EA	Drill 2" Diameter Core In 10" To 14" Limestone	91.62	
02 41 19 13-0319	EA	Drill 3" Diameter Core In 10" To 14" Limestone	105.97	
02 41 19 13-0320	EA	Drill 4" Diameter Core In 10" To 14" Limestone	120.33	
02 41 19 13-0321	EA	Drill 6" Diameter Core In 10" To 14" Limestone	169.56	
02 41 19 13-0322	EA	Drill 8" Diameter Core In 10" To 14" Limestone	281.87	
02 41 19 13-0323		15" To 18" Thick Limestone Core Drilling *(02 41 19 13-0314)*		
02 41 19 13-0324	EA	Drill 1" Diameter Core In 15" To 18" Limestone	77.44	
02 41 19 13-0325	EA	Drill 1-1/2" Diameter Core In 15" To 18" Limestone	91.60	
02 41 19 13-0326	EA	Drill 2" Diameter Core In 15" To 18" Limestone	98.80	
02 41 19 13-0327	EA	Drill 3" Diameter Core In 15" To 18" Limestone	106.28	
02 41 19 13-0328	EA	Drill 4" Diameter Core In 15" To 18" Limestone	141.64	
02 41 19 13-0329	EA	Drill 6" Diameter Core In 15" To 18" Limestone	183.95	
02 41 19 13-0330	EA	Drill 8" Diameter Core In 15" To 18" Limestone	296.57	
02 41 19 13-0331		19" To 24" Thick Limestone Core Drilling *(02 41 19 13-0314)*		
02 41 19 13-0332	EA	Drill 1" Diameter Core In 19" To 24" Limestone	84.51	
02 41 19 13-0333	EA	Drill 1-1/2" Diameter Core In 19" To 24" Limestone	98.72	
02 41 19 13-0334	EA	Drill 2" Diameter Core In 19" To 24" Limestone	105.98	
02 41 19 13-0335	EA	Drill 3" Diameter Core In 19" To 24" Limestone	120.46	
02 41 19 13-0336	EA	Drill 4" Diameter Core In 19" To 24" Limestone	169.86	
02 41 19 13-0337	EA	Drill 6" Diameter Core In 19" To 24" Limestone	212.26	
02 41 19 13-0338	EA	Drill 8" Diameter Core In 19" To 24" Limestone	318.24	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0339		**Minimum Charge For Core Drilling** *(02 41 19 13-0080)*		
02 41 19 13-0340	EA	Core Drill Minimum Charge Note: For projects where the total core drilling charge is less than the minimum charge, use task "Minimum Charge For Core Drilling" exclusively. Task "Minimum Charge For Core Drilling" should not be used in conjunction with any other tasks in this section. Does not apply to sections "Drilling In Concrete Per Inch Of Depth" or "Drilling In Brick Or Block Per Inch Of Depth" or "Drilling In Wood Or Plastic Per Inch Of Depth".	947.65	
02 41 19 13-0341		**Cutouts** *(02 41 19 13)* Note: Includes saw cutting and removal of material. Not to be used for openings greater than 24 SF.		
02 41 19 13-0342		**Reinforced Concrete Slab On Grade Cutouts** *(02 41 19 13-0341)*		
02 41 19 13-0343	SF	4" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF	57.89	
02 41 19 13-0344	SF	6" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF	61.41	
02 41 19 13-0345	SF	8" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF	64.91	
02 41 19 13-0346	SF	10" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF	68.42	
02 41 19 13-0347	SF	12" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF	70.17	
02 41 19 13-0348		**Reinforced Concrete Elevated Slab Cutouts** *(02 41 19 13-0341)* Note: Includes cutting and removing steel decking.		
02 41 19 13-0349	SF	4" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF	70.56	
02 41 19 13-0350	SF	6" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF	74.84	
02 41 19 13-0351	SF	8" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF	79.11	
02 41 19 13-0352	SF	10" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF	83.39	
02 41 19 13-0353	SF	12" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF	85.53	
02 41 19 13-0354		**Reinforced Concrete Wall Cutouts** *(02 41 19 13-0341)*		
02 41 19 13-0355	SF	4" Thick Reinforced Concrete Wall Cutouts, <24 SF	72.37	
02 41 19 13-0356	SF	6" Thick Reinforced Concrete Wall Cutouts, <24 SF	76.75	
02 41 19 13-0357	SF	8" Thick Reinforced Concrete Wall Cutouts, <24 SF	81.14	
02 41 19 13-0358	SF	10" Thick Reinforced Concrete Wall Cutouts, <24 SF	85.53	
02 41 19 13-0359	SF	12" Thick Reinforced Concrete Wall Cutouts, <24 SF	87.72	
02 41 19 13-0360		**Brick Wall Cutouts** *(02 41 19 13-0341)* Note: Excludes toothing.		
02 41 19 13-0361	SF	4" Thick Brick Wall Cutouts, <24 SF	21.93	
02 41 19 13-0362	SF	6" Thick Brick Wall Cutouts, <24 SF	36.19	
02 41 19 13-0363	SF	8" Thick Brick Wall Cutouts, <24 SF	50.39	
02 41 19 13-0364	SF	10" Thick Brick Wall Cutouts, <24 SF	61.41	
02 41 19 13-0365	SF	12" Thick Brick Wall Cutouts, <24 SF	73.46	
02 41 19 13-0366	SF	16" Thick Brick Wall Cutouts, <24 SF	86.63	
02 41 19 13-0367		**Concrete Block Wall Cutouts** *(02 41 19 13-0341)* Note: Excludes toothing.		
02 41 19 13-0368	SF	4" Thick Concrete Block Wall Cutouts, <24 SF	36.27	
02 41 19 13-0369	SF	6" Thick Concrete Block Wall Cutouts, <24 SF	38.42	
02 41 19 13-0370	SF	8" Thick Concrete Block Wall Cutouts, <24 SF	40.58	
02 41 19 13-0371	SF	10" Thick Concrete Block Wall Cutouts, <24 SF	42.76	
02 41 19 13-0372	SF	12" Thick Concrete Block Wall Cutouts, <24 SF	43.86	
02 41 19 13-0373	SF	16" Thick Concrete Block Wall Cutouts, <24 SF	46.05	
02 41 19 13-0374		**Limestone Cutouts** *(02 41 19 13-0341)*		
02 41 19 13-0375	SF	2" Thick Limestone Cutouts, <24 SF	61.41	
02 41 19 13-0376	SF	4" Thick Limestone Cutouts, <24 SF	74.56	
02 41 19 13-0377	SF	6" Thick Limestone Cutouts, <24 SF	78.95	
02 41 19 13-0378	SF	8" Thick Limestone Cutouts, <24 SF	83.34	
02 41 19 13-0379	SF	10" Thick Limestone Cutouts, <24 SF	87.72	
02 41 19 13-0380	SF	12" Thick Limestone Cutouts, <24 SF	92.11	
02 41 19 13-0381		**Toothing Masonry Cutouts** *(02 41 19 13-0341)* Note: For use where existing masonry must be removed in a toothing pattern along horizontal and vertical mortar joints. VLF measurement includes all horizontal cutting.		
02 41 19 13-0382	VLF	Brick, Soft Old Mortar, Toothing Masonry Cutouts	21.93	
02 41 19 13-0383	VLF	Brick, Hard Mortar, Toothing Masonry Cutouts	29.61	
02 41 19 13-0384	VLF	Concrete Block, Soft Old Mortar, Toothing Masonry Cutouts	13.16	
02 41 19 13-0385	VLF	Concrete Block, Hard Mortar, Toothing Masonry Cutouts	17.54	
02 41 19 13-0386		**Minimum Charge For Cutouts** *(02 41 19 13-0341)* Note: For projects where the total cutouts charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		
02 41 19 13-0387	EA	Cutouts Minimum Charge	438.61	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0388		Elevated Concrete Removal *(02 41 19 13)*		
02 41 19 13-0389	CF	Elevated Concrete Beam/Slab/Steps Removal, Reinforced		14.69
02 41 19 16		**Selective Interior Demolition** ***(02 41 19)***		
		Note: Includes HEPA vacuum for dust control, break-up of material, loading into truck or dumpster and clean-up. Excludes temporary plastic barrier See CSI section 01 56 16 00-0000 for temporary dust barrier.		
02 41 19 16-0001		Floor Removal *(02 41 19 16)*		
02 41 19 16-0002		Scarify Concrete *(02 41 19 16-0001)*		
		Note: Up to 1/4" removal per pass.		
02 41 19 16-0003	SF	Scarify Concrete Floor		0.30
02 41 19 16-0004	SF	Scarify Concrete Tread And Riser		2.55
02 41 19 16-0005	SF	Scarify Concrete Wall		2.32
02 41 19 16-0006		Fireproofing Removal *(02 41 19 16)*		
02 41 19 16-0007	SF	Removal Of Fireproofing From Concrete Or Steel		1.47
02 41 19 16-0008		Demolish Ceiling *(02 41 19 16)*		
02 41 19 16-0009	SF	Demolish Drywall Ceiling		1.13
02 41 19 16-0010	SF	Demolish Furred Plastered Ceiling		2.64
02 41 19 16-0011	SF	Demolish Suspended Plastered Ceiling And Suspension System		2.02
02 41 19 16-0012		Demolish Concrete Stair *(02 41 19 16)*		
02 41 19 16-0013	CF	Demolish Interior Reinforced Concrete Stairs		9.45
02 41 19 16-0014	CF	Demolish Exterior Reinforced Concrete Stairs		7.79
02 41 19 16-0015		Demolish Interior Partition/Wall *(02 41 19 16)*		
		Note: Price includes knock down, loading, clean-up.		
02 41 19 16-0016		Demolish Masonry And Concrete Interior Partition/Walls *(02 41 19 16-0015)*		
		Note: Includes saw cutting, knock down, loading and clean-up.		
02 41 19 16-0017		Demolish Concrete Block Interior Partition/Walls *(02 41 19 16-0016)*		
02 41 19 16-0018	SF	Demolish 4" Thick Non-Reinforced Concrete Block Interior Partition/Wall		6.13
02 41 19 16-0019	SF	Demolish 6" Thick Non-Reinforced Concrete Block Interior Partition/Wall		6.55
02 41 19 16-0020	SF	Demolish 8" Thick Non-Reinforced Concrete Block Interior Partition/Wall		7.37
02 41 19 16-0021	SF	Demolish 12" Thick Non-Reinforced Concrete Block Interior Partition/Wall		9.46
02 41 19 16-0022	SF	Demolish 16" Thick Non-Reinforced Concrete Block Interior Partition/Wall		11.83
02 41 19 16-0023	SF	Demolish 4" Thick Reinforced Concrete Block Interior Partition/Wall		7.34
02 41 19 16-0024	SF	Demolish 6" Thick Reinforced Concrete Block Interior Partition/Wall		7.84
02 41 19 16-0025	SF	Demolish 8" Thick Reinforced Concrete Block Interior Partition/Wall		8.85
02 41 19 16-0026	SF	Demolish 12" Thick Reinforced Concrete Block Interior Partition/Wall		11.35
02 41 19 16-0027	SF	Demolish 16" Thick Reinforced Concrete Block Interior Partition/Wall		14.19
02 41 19 16-0028		Demolish Brick Interior Partition/Walls *(02 41 19 16-0016)*		
02 41 19 16-0029	SF	Demolish 4" Thick Brick Interior Partition/Wall		6.13
02 41 19 16-0030	SF	Demolish 8" Thick Brick Interior Partition/Wall		7.37
02 41 19 16-0031	SF	Demolish 12" Thick Brick Interior Partition/Wall		9.45
02 41 19 16-0032	SF	Demolish 16" Thick Brick Interior Partition/Wall		11.82
02 41 19 16-0033		Demolish Glass Block Interior Partition/Walls *(02 41 19 16-0016)*		
02 41 19 16-0034	SF	Demolish Glass Block Interior Partition/Walls		5.25
02 41 19 16-0035		Demolish Concrete Interior Partition/Walls *(02 41 19 16-0016)*		
		See CSI section 02 41 16 13-0010 for concrete foundation demolition.		
02 41 19 16-0036	SF	Demolish 6" Thick Non-Reinforced Concrete Interior Partition/Wall		11.14
02 41 19 16-0037	SF	Demolish 8" Thick Non-Reinforced Concrete Interior Partition/Wall		13.92
02 41 19 16-0038	SF	Demolish 12" Thick Non-Reinforced Concrete Interior Partition/Wall		19.48
02 41 19 16-0039	SF	Demolish 6" Thick Reinforced Concrete Interior Partition/Wall		13.36
02 41 19 16-0040	SF	Demolish 8" Thick Reinforced Concrete Interior Partition/Wall		16.80
02 41 19 16-0041	SF	Demolish 12" Thick Reinforced Concrete Interior Partition/Wall		23.38
02 41 19 16-0042		Demolish Terra-Cotta Block Interior Partition/Walls *(02 41 19 16-0016)*		
02 41 19 16-0043	SF	Demolish Up To 6" Thick Terra-Cotta Block Interior Partition/Wall Finished With Plaster		2.10
02 41 19 16-0044		Demolish Stud Framed Interior Partition/Walls *(02 41 19 16-0015)*		
		Note: Includes knock down, loading and clean-up. Includes demo of insulation if required.		
02 41 19 16-0045	SF	Demolish Wood Or Metal Framed Interior Partition/Wall With Drywall 1 Side		3.72
		For Heights >14' To 20', Add		*0.56*
		For Heights >20', Add		*0.74*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 16-0046	SF	Demolish Wood Or Metal Framed Interior Partition/Wall With Drywall 2 Sides	4.34	
		For Heights >14' To 20', Add	*0.65*	
		For Heights >20', Add	*0.87*	
02 41 19 16-0047	SF	Demolish Wood Or Metal Framed Interior Partition/Wall With Plaster And Lath 1 Side	4.76	
		For Heights >14' To 20', Add	*0.71*	
		For Heights >20', Add	*0.95*	
02 41 19 16-0048	SF	Demolish Wood Or Metal Framed Interior Partition/Wall With Plaster And Lath 2 Sides	6.62	
		For Heights >14' To 20', Add	*0.99*	
		For Heights >20', Add	*1.32*	
02 41 19 16-0049	SF	Demolish Plaster And Lath From 1 Side Of An Interior Partition/Wall	1.96	
		For Heights >14' To 20', Add	*0.29*	
		For Heights >20', Add	*0.39*	
02 41 19 16-0050	SF	Demolish Plaster And Lath From 2 Sides Of An Interior Partition/Wall	2.34	
		For Heights >14' To 20', Add	*0.35*	
		For Heights >20', Add	*0.47*	

02 42 Removal and Salvage of Construction Materials *(02 40)*

02 42 21 Salvage of Construction Materials *(02 42)*

Note: Includes placement on pallets and storage on site.

02 42 21 35 Roofing Salvage *(02 42 21)*

02 42 21 35-0001 Clay Tile Roofing Remove And Salvage For Re-use *(02 42 21 35)*

Note: Includes removing mortar, scraping, cleaning, placement on pallets and storage on site.

02 42 21 35-0002	SQ	Removal Of Clay Roof Tile, Salvage For Re-use	343.01	

02 42 21 47 Flooring Salvage *(02 42 21)*

02 42 21 47-0001 Flooring Remove And Salvage For Re-Use *(02 42 21 47)*

Note: Includes removing mortar, scraping, cleaning, placement on pallets and storage on site.

02 42 21 47-0002	SF	Removal Of Brick Flooring And Salvage	3.12	
02 42 21 47-0003	SF	Removal Of Ceramic/Quarry Tile Floor And Salvage	3.12	
02 42 21 47-0004	SF	Removal Of Terrazzo Flooring And Salvage	4.32	
02 42 21 47-0005	SF	Removal Of Wood Strip Flooring And Salvage	2.52	
02 42 21 47-0006	SF	Removal Of Wood Parquet Flooring And Salvage	1.33	
02 42 21 47-0007	SF	Removal Of Resilient/Linoleum Flooring And Salvage	0.96	

02 50 Site Remediation *(02)*

02 58 Snow Control *(02 50)*

02 58 13 Snow Fencing *(02 58)*

02 58 13 00-0001 Snow/Sand Fence On Steel Posts *(02 58 13)*

02 58 13 00-0002	LF	Steel Fence Post, 10' On Center With 4' Wood Snow/Sand Fence	8.63	2.48

02 60 Contaminated Site Material Removal *(02)*

02 61 Removal and Disposal of Contaminated Soils *(02 60)*

02 61 13 Excavation and Handling of Contaminated Material *(02 61)*

See CSI section 31 23 16 00-0000 for excavation.

02 61 13 00-0001 Excavate Petroleum Contaminated Soil *(02 61 13)*

02 61 13 00-0002	CY	Excavate Petroleum Contaminated Soil Note: Includes excavation, making a determination if the soil is reusable or contaminated, and stockpiling as per determination.	14.73
02 61 13 00-0003	CY	Load Excavated Petroleum Contaminated Soil	8.36
02 61 13 00-0004	CY	Disposal Fees Of Petroleum Contaminated Soil	115.63

02 61 13 00-0005 Accessories For Contaminated Soil Stockpile *(02 61 13)*

See CSI section 31 25 14 23-0001 for sand bags.

02 61 13 00-0006	SF	30 Mil Liner For Contaminated Soil Storage Note: 9.93 SF of liner per 1 ton of petroleum contaminated soil.	1.66
02 61 13 00-0007	SF	10 Mil Liner For Contaminated Soil Storage Note: 9.93 SF of liner per 1 ton of petroleum contaminated soil.	1.00

02 61 26 Removal and Disposal of Asbestos Contaminated Soils *(02 61)*

Note: Includes materials, equipment, mobilization, preparation, signage, removal, transportation for up to 25 miles, disposal of waste at transfer facility or final destination, personnel health monitoring, negative air, documentation and other associated costs necessary for the complete abatement and disposal of the ACM in accordance with EPA, OSHA, and local regulations. Where types of ACM are listed by quantity, the quantity of the entire project, not a particular work area, is to be used in determining which task applies. For certain types of work, there is a task with a unit of measure of CF for a quantity of less than 10 CF, followed by a series of tasks for other quantities. For those tasks the contractor will be paid the first task with a unit of measure of EA, plus an additional task to arrive at the appropriate quantity for the project.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 61 26 00-0001		Removal and Disposal of Asbestos Contaminated Soils *(02 61 26)* Note: Includes materials, equipment, mobilization, preparation, signage, removal, transportation for up to 25 miles, disposal of waste at transfer facility or final destination, personnel health monitoring, negative air, documentation and other associated costs necessary for the complete abatement and disposal of the ACM in accordance with EPA, OSHA, and local regulations. Where types of ACM are listed by quantity, the quantity of the entire project, not a particular work area, is to be used in determining which task applies. For certain types of work, there is a task with a unit of measure of CF for a quantity of less than 10 CF, followed by a series of tasks for other quantities. For those tasks the contractor will be paid the first task with a unit of measure of EA, plus an additional task to arrive at the appropriate quantity for the project.		
02 61 26 00-0002	EA	Up To 10 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal	1,366.68	
		For Work In Restricted Working Space, Add	*410.00*	
02 61 26 00-0003	CF	>10 To 100 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal	90.60	
		For Work In Restricted Working Space, Add	*27.18*	
02 61 26 00-0004	CF	>100 To 250 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal	60.40	
		For Work In Restricted Working Space, Add	*18.12*	
02 61 26 00-0005	CF	>250 To 500 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal	45.36	
		For Work In Restricted Working Space, Add	*13.61*	
02 61 26 00-0006	CF	>500 To 2,500 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal	36.24	
		For Work In Restricted Working Space, Add	*10.87*	
02 61 26 00-0007	CF	>2,500 To 10,000 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal	30.80	
		For Work In Restricted Working Space, Add	*9.24*	
02 61 26 00-0008	CF	>10,000 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal	27.72	
		For Work In Restricted Working Space, Add	*8.32*	

02 65 Underground Storage Tank Removal *(02 60)*

Note: Petroleum gasoline is classified as a hazardous material; fuel oil is considered a non-hazardous material. See CSI section 01 74 19 00-0040 for hauling, 31 20 00 00-0000 for non-contaminated soil excavation, 31 23 16 00-0000 for excavation, 31 41 00 00-0000 for shoring.

02 65 00 00-0001		Monitoring, Sampling, Testing And Analysis *(02 65)*		
02 65 00 00-0002		Field Samples For Testing Underground Storage Tank *(02 65 00 00-0001)*		
02 65 00 00-0003	EA	Collection Of Sludge Sample For Underground Storage Tank	26.37	
02 65 00 00-0004	EA	Collection Of Pumpable Liquids Sample For Underground Storage Tank	26.37	
02 65 00 00-0005	EA	Collection Of Contaminated Soil Sample	26.37	
02 65 00 00-0006		Lab Tests For Underground Storage Tank Removal *(02 65 00 00-0001)* Note: Includes lab test fees, reports, shipping, handling, chain of custody documents and disposal of sample.		
02 65 00 00-0007	EA	Benzene, Toluene, Ethylbenzene, Xylene 8020, Lab Test Note: The cost is for the in-lab test for Benzene, Toluene, Ethylbenzene, And Xylene using procedure 8020 as detailed in EPA SW-846.	208.77	
02 65 00 00-0008	EA	Flashpoint, Lab Test Note: The cost is for the in-lab test for the flashpoint using procedure 40CFR 261.21 as detailed in EPA SW-846.	81.19	
02 65 00 00-0009	EA	TOX 9020, Lab Test Note: The cost is for the in-lab test for total organic halides using procedure 9020 as detailed in EPA SW-846.	195.30	
02 65 00 00-0010	EA	TPH 8015 Modified, Lab Test Note: The cost is for the in-lab test for total petroleum hydrocarbons by gas chromatography using procedure 8015 Mod. as detailed in EPA SW-846.	208.77	
02 65 00 00-0011	EA	TRPH 418.1, Lab Test Note: The cost is for the in-lab test for total recoverable petroleum hydrocarbons using procedure 418.1 as detailed in EPA SW-846.	162.38	
02 65 00 00-0012	EA	VOC, Lab Test Note: The cost is for the in-lab test for volatile organics using procedure 8240 as detailed in EPA SW-846.	440.74	
02 65 00 00-0013	EA	Semi-Volatile Organic, Lab Test Note: The cost is for the in-lab test for semi-volatile organics using procedure 8270 as detailed in EPA SW-846.	811.90	
02 65 00 00-0014	EA	Oil And Grease 413.1, Lab Test Note: The cost is for the in-lab test for oil and grease using procedure 413.1 as detailed in EPA SW-846.	97.65	
02 65 00 00-0015	EA	TCLP (Extraction) - Metals, Lab Test Note: The cost is for the in-lab test for toxicity characteristics leaching procedures using procedure 1311 as detailed in EPA SW-846.	173.98	
02 65 00 00-0016	EA	TCLP (Extraction) - Semi-Volatile Organic, Lab Test Note: The cost is for the in-lab test for toxicity characteristics leaching procedures using procedure 1311 as detailed in EPA SW-846.	231.97	
02 65 00 00-0017	EA	Metals 6010 RCRA, Lab Test Note: The cost is for the in-lab test for metals using procedure 6010 RCRA as detailed in EPA SW-846.	259.81	
02 65 00 00-0018	EA	Metals (Arsenic) 7060, Lab Test Note: The cost is for the in-lab test for the metal arsenic using procedure 7060 as detailed in EPA SW-846.	34.80	
02 65 00 00-0019	EA	Metals (Selenium) 7740, Lab Test Note: The cost is for the in-lab test for the metal selenium (SE) using procedure 7740 as detailed in EPA SW-846.	34.80	
02 65 00 00-0020	EA	Metals (Lead) 7421, Lab Test Note: The cost is for the in-lab test for the metal lead using procedure 7421 as detailed in EPA SW-846.	34.80	
02 65 00 00-0021	EA	Metals (Mercury) 7470, Lab Test Note: The cost is for the in-lab test for the metal mercury using procedure 7470 as detailed in EPA SW-846.	64.95	
02 65 00 00-0022	EA	PNA/PAH 8100, Lab Test Note: The cost is for the in-lab test for polynuclear aromatic hydrocarbons using procedure 8100 as detailed in EPA SW-846.	371.15	
02 65 00 00-0023	EA	Fuel Id ASTM D3328-78, Lab Test Note: The cost is for the in-lab test to determine the constituents of fuel using the procedure as detailed in ASTM D3328-78.	134.27	
02 65 00 00-0024	EA	pH, Lab Test	27.84	
02 65 00 00-0025	EA	Lab Test - Polychlorinated Biphenyl (PCB) In Wastewater	347.96	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 65 00 00-0026	EA	Methyl Tertiary Butyl Ether (MTBE), Lab Test	208.77	
02 65 00 00-0027		**Tests, Surveys And Maintenance For Underground Storage Tank** *(02 65 00 00-0001)*		
02 65 00 00-0028	EA	Site Survey For AST/UST Location By Certified Tank Installer Note: Includes testing Pump output both tank and dispenser, Calibrate pump dispenser if needed, Check all sumps both tank and dispenser, check all fitting connections for leaks and check wiring connection for possible malfunction or safety hazard, check seals on caps for fill tube, check overfill performance for safety shutdown, check all hoses and pump handle, check break-away couplings, complete written report on all data found.	1,209.38	
02 65 00 00-0029	EA	Check Cathodic Protection - Impressed Current Systems And Sacrificial Anode Systems Note: By Certified Technician. Write report of findings for action if needed	209.29	
02 65 00 00-0030	EA	Check And Report On Monitor Probes. Note: By Certified Technician	48.45	
02 65 00 00-0031	EA	Tank Monitoring System: Check System Per Manufacturer's Specification By Certified Technician With Written Report Note: Including pass / fail; paper feed operational paper installed etc.; and status of inspection repairs needed etc.	340.98	
02 65 00 00-0032	EA	Removal And Replacement Of Anode On Impressed System	164.68	
02 65 00 00-0033	EA	Removal And Replacement Of Power Converter On Impressed System On Underground Storage Tank	236.97	
02 65 00 00-0034	EA	Removal And Replacement Of Monitor Probes On Underground Storage Tank	330.28	
02 65 00 00-0035	EA	Ultrasonic Test On Underground Storage Tank	215.68	
02 65 00 00-0036		**Tests And Sampling Labor Hours** *(02 65 00 00-0001)*		
02 65 00 00-0037	HR	Certified Tank Installer For Underground Storage Tank	117.43	
02 65 00 00-0038	HR	Certified Geologist/Environmentalist	131.80	
02 65 00 00-0039	HR	Hourly Office Work For Reports Required For EPA On Underground Storage Tank Note: Includes title searches, well survey data, site drawings, submitting preliminary work, etc. Hours not to be used in association with other tasks performed.	141.10	
02 65 00 00-0040		**Remove Tank Contents** *(02 65)*		
02 65 00 00-0041		**Transfer Liquid** *(02 65 00 00-0040)* Note: For use to transfer liquids from one tank to another.		
02 65 00 00-0042	GAL	Transfer Reusable Liquid To Different Tank Note: Per gallon of material transferred.	0.62	
02 65 00 00-0043		**Remove And Dispose Of Liquid From Tank** *(02 65 00 00-0040)*		
02 65 00 00-0044	GAL	Removal and Disposal Of Hazardous Liquids From Tank	2.35	
02 65 00 00-0045	GAL	Removal and Disposal Of Non-Hazardous Liquid From Tank	1.06	
02 65 00 00-0046		**Remove And Dispose Of Solids Or Sludge** *(02 65 00 00-0040)* Note: Includes scraping and solidifying agent.		
02 65 00 00-0047	GAL	Removal and Disposal Of Hazardous Solids Or Sludge From Tank	7.77	
02 65 00 00-0048	GAL	Removal and Disposal Of Non-Hazardous Solids Or Sludge From Tank	1.86	
02 65 00 00-0049		**Purge Vapors, Open And Clean Tank** *(02 65)*		
02 65 00 00-0050		**Purge Vapors** *(02 65 00 00-0049)*		
02 65 00 00-0051	LB	Purge Tank Using Dry Ice Note: Approximately 1.5 To 3.0 Lb. of dry ice per 100 Gallons of tank volume.	4.77	
02 65 00 00-0052		**High Pressure Water Wash And Rinse Of Tank Interior** *(02 65 00 00-0049)* Note: Includes removal and disposal of rinse water.		
02 65 00 00-0053	EA	Up To 275 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	353.37	
02 65 00 00-0054	EA	>275 To 550 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	468.36	
02 65 00 00-0055	EA	>550 To 1,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	614.92	
02 65 00 00-0056	EA	>1,000 To 2,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	848.41	
02 65 00 00-0057	EA	>2,000 To 5,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	1,672.87	
02 65 00 00-0058	EA	>5,000 To 6,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	2,011.26	
02 65 00 00-0059	EA	>6,000 To 8,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	2,335.23	
02 65 00 00-0060	EA	>8,000 To 10,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	2,830.84	
02 65 00 00-0061	EA	>10,000 To 15,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	3,702.74	
02 65 00 00-0062	EA	>15,000 To 20,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	4,450.91	
02 65 00 00-0063	EA	>20,000 To 30,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	5,670.73	
02 65 00 00-0064	EA	>30,000 To 40,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	6,946.09	
02 65 00 00-0065	EA	>40,000 To 50,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	8,431.77	
02 65 00 00-0066		**Scrape Clean Tank Exterior** *(02 65 00 00-0049)*		
02 65 00 00-0067	EA	Up To 275 Gallon Tank, Scrape Clean Tank Exterior	269.78	
02 65 00 00-0068	EA	>275 To 550 Gallon Tank, Scrape Clean Tank Exterior	359.24	
02 65 00 00-0069	EA	>550 To 1,000 Gallon Tank, Scrape Clean Tank Exterior	470.74	
02 65 00 00-0070	EA	>1,000 To 2,000 Gallon Tank, Scrape Clean Tank Exterior	651.88	
02 65 00 00-0071	EA	>2,000 To 5,000 Gallon Tank, Scrape Clean Tank Exterior	1,443.59	
02 65 00 00-0072	EA	>5,000 To 6,000 Gallon Tank, Scrape Clean Tank Exterior	1,827.88	
02 65 00 00-0073	EA	>6,000 To 8,000 Gallon Tank, Scrape Clean Tank Exterior	2,138.95	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 65 00 00-0074	EA	>8,000 To 10,000 Gallon Tank, Scrape Clean Tank Exterior	2,688.97	
02 65 00 00-0075	EA	>10,000 To 15,000 Gallon Tank, Scrape Clean Tank Exterior	3,495.00	
02 65 00 00-0076	EA	>15,000 To 20,000 Gallon Tank, Scrape Clean Tank Exterior	4,386.92	
02 65 00 00-0077	EA	>20,000 To 30,000 Gallon Tank, Scrape Clean Tank Exterior	5,712.14	
02 65 00 00-0078	EA	>30,000 To 40,000 Gallon Tank, Scrape Clean Tank Exterior	6,854.56	
02 65 00 00-0079	EA	>40,000 To 50,000 Gallon Tank, Scrape Clean Tank Exterior	8,568.20	

02 65 00 00-0080 Tank And Piping Removal *(02 65)*

Note: Excludes excavation.

02 65 00 00-0081 Removal And Disposal Of Piping *(02 65 00 00-0080)*

Note: Includes removal, inspection, loading, transporting pipe to disposal facility or transfer station within 15 miles and disposal fees.

02 65 00 00-0082	LF	Up To 4", Removal And Disposal Of Piping	21.06	
02 65 00 00-0083	LF	>4" To 8", Removal And Disposal Of Piping	28.07	

02 65 00 00-0084 Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement *(02 65 00 00-0080)*

Note: Excludes excavation or backfill.

02 65 00 00-0085	EA	Up To 275 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	764.18	
02 65 00 00-0086	EA	>275 To 550 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	927.93	
02 65 00 00-0087	EA	>550 To 1,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	1,091.69	
02 65 00 00-0088	EA	>1,000 To 2,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	1,364.61	
02 65 00 00-0089	EA	>2,000 To 5,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	1,910.45	
02 65 00 00-0090	EA	>5,000 To 6,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	2,401.70	
02 65 00 00-0091	EA	>6,000 To 8,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	2,729.22	
02 65 00 00-0092	EA	>8,000 To 10,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	3,275.05	
02 65 00 00-0093	EA	>10,000 To 15,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	4,366.73	
02 65 00 00-0094	EA	>15,000 To 20,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	5,234.75	
02 65 00 00-0095	EA	>20,000 To 30,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	6,134.05	
02 65 00 00-0096	EA	>30,000 To 40,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	7,176.31	
02 65 00 00-0097	EA	>40,000 To 50,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	8,970.39	

02 65 00 00-0098 Cut Tank Into Sections That Can Easily Be Transported And Disposed Of When Necessary *(02 65 00 00-0080)*

Note: Includes 1 lengthwise at every 4' on-center height wise.

02 65 00 00-0099	EA	>1,000 To 2,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	893.42	
02 65 00 00-0100	EA	>2,000 To 5,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	1,666.11	
02 65 00 00-0101	EA	>5,000 To 6,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	2,004.16	
02 65 00 00-0102	EA	>6,000 To 8,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	2,233.54	
02 65 00 00-0103	EA	>8,000 To 10,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	2,680.26	
02 65 00 00-0104	EA	>10,000 to 15,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	3,332.20	
02 65 00 00-0105	EA	>15,000 to 20,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	4,008.30	
02 65 00 00-0106	EA	>20,000 To 30,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	5,010.38	
02 65 00 00-0107	EA	>30,000 To 40,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	6,262.98	
02 65 00 00-0108	EA	>40,000 To 50,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	7,828.72	

02 65 00 00-0109 Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station *(02 65 00 00-0080)*

Note: Includes disposal fee.

02 65 00 00-0110	EA	Up To 275 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	390.35	
		For Each Additional Mile >15 Miles, Add	*5.10*	
02 65 00 00-0111	EA	>275 To 550 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	537.18	
		For Each Additional Mile >15 Miles, Add	*6.45*	
02 65 00 00-0112	EA	>550 To 1,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	852.33	
		For Each Additional Mile >15 Miles, Add	*9.67*	
02 65 00 00-0113	EA	>1,000 To 2,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	1,382.40	
		For Each Additional Mile >15 Miles, Add	*11.28*	
02 65 00 00-0114	EA	>2,000 To 5,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	2,440.12	
		For Each Additional Mile >15 Miles, Add	*19.87*	
02 65 00 00-0115	EA	>5,000 To 6,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	2,504.56	
		For Each Additional Mile >15 Miles, Add	*21.48*	
02 65 00 00-0116	EA	>6,000 To 8,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	2,611.99	
		For Each Additional Mile >15 Miles, Add	*24.17*	
02 65 00 00-0117	EA	>8,000 To 10,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	3,834.45	
		For Each Additional Mile >15 Miles, Add	*32.23*	
02 65 00 00-0118	EA	>10,000 To 15,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	5,192.91	
		For Each Additional Mile >15 Miles, Add	*48.34*	
02 65 00 00-0119	EA	>15,000 To 20,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	6,121.72	
		For Each Additional Mile >15 Miles, Add	*53.71*	
02 65 00 00-0120	EA	>20,000 To 30,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	7,606.81	
		For Each Additional Mile >15 Miles, Add	*64.45*	
02 65 00 00-0121	EA	>30,000 To 40,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	10,854.11	
		For Each Additional Mile >15 Miles, Add	*77.34*	
02 65 00 00-0122	EA	>40,000 To 50,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	13,180.67	
		For Each Additional Mile >15 Miles, Add	*88.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 65 00 00-0123		Other Storage Tank Removals *(02 65 00 00-0080)* Note: Based on tank gallon size		
02 65 00 00-0124	GAL	Removal Of Cement Lining	0.68	
02 65 00 00-0125	GAL	Sandblast Tank In Prep For Lining Or Welding; Remove Sand, Vacuum Walls And Seams	0.24	
02 65 00 00-0126	GAL	Install Epoxy For Interior Corrosion Protection	1.19	
02 65 00 00-0127		Tank Closure Report *(02 65 00 00-0080)* Note: Excludes soils tests. See CSI section 02 65 00 00-0006 for soil tests.		
02 65 00 00-0128	EA	Prepare Tank Closure Report	3,537.98	
02 65 00 00-0129		Temporary Tanks *(02 65)*		
02 65 00 00-0130		Temporary Holding Tanks *(02 65 00 00-0129)*		
02 65 00 00-0131		Above Ground Temporary Holding Tanks, Monthly Rental *(02 65 00 00-0130)*		
02 65 00 00-0132	MO	550 Gallon, Stainless Steel, DOT Approved, Above Ground Temporary Holding Tanks, Monthly Rental	965.25	
02 65 00 00-0133	MO	630 Gallon, Polyethylene, DOT Approved, Above Ground Temporary Holding Tanks, Monthly Rental	965.25	
02 65 00 00-0134	MO	630 Gallon, Polyethylene, Stackable, Above Ground Temporary Holding Tanks, Monthly Rental	1,930.49	
02 65 00 00-0135	MO	4,000 Gallon, Polyethylene, Stackable, Above Ground Temporary Holding Tanks, Monthly Rental	1,447.87	
02 65 00 00-0136	MO	4,000 Gallon, Polyethylene, Trailer Mounted, Above Ground Temporary Holding Tanks, Monthly Rental	3,378.36	
02 65 00 00-0137	MO	6,000 Gallon, Polyethylene, Total Drain, Above Ground Temporary Holding Tanks, Monthly Rental	2,413.12	
02 65 00 00-0138	MO	21,000 Gallon (500 BBL), Steel, Open, Stationary, Above Ground Temporary Holding Tanks, Monthly Rental	5,255.58	
02 65 00 00-0139	MO	21,000 Gallon (500 BBL), Steel, Closed, Stationary, Above Ground Temporary Holding Tanks, Monthly Rental	6,298.36	
02 65 00 00-0140	MO	21,000 Gallon (500 BBL), Steel, Vapor Proof, Above Ground Temporary Holding Tanks, Monthly Rental	10,636.30	
02 65 00 00-0141		Secondary Containment Berm *(02 65 00 00-0129)*		
02 65 00 00-0142	MO	Secondary Containment Berm Monthly Rental	2,091.37	

02 80 Facility Remediation *(02)*

02 81 Transportation and Disposal of Hazardous Materials *(02 80)*

02 81 00 00-0001		Equipment Oil Drain And Disposal *(02 81)*		
02 81 00 00-0002	TRIP	Drain Oil Filled Equipment, Place In Approved Container And Transport To Disposal Site Note: Excludes Disposal Cost.	677.78	
02 81 00 00-0003	DRM	Disposal Of Non-Polychlorinated Biphenyl (PCB) Oil In Normal Landfill, Per Partial Or Full 55-Gallon Drum Note: Excludes draining, placing in approved container, and transporting to disposal site.	106.51	
02 81 00 00-0004	DRM	Disposal Of Non-Toxic Polychlorinated Biphenyl (PCB) Oil Into A Lined Landfill, Per Partial Or Full 55-Gallon Drum Note: Excludes draining, placing in approved container, and transporting to disposal site.	484.12	
02 81 00 00-0005	DRM	Disposal of Toxic Polychlorinated Biphenyl (PCB) Oil By Incineration, Per Partial Or Full 55-Gallon Drum Note: Excludes draining, placing in approved container, and transporting to disposal site.	871.42	
02 81 00 00-0006	CF	Hazardous Polychlorinated Biphenyl (PCB) Oil Filled Equipment Disposal At Approved Site Note: Includes handling of equipment and disposal at approved site. Excludes draining of PCB contaminated oil prior to disposal.	116.24	

02 82 Asbestos Remediation *(02 80)*

See CSI section 01 56 16 00-0023 for temporary stud walls, 01 74 19 00-0040 for hauling in excess of 25 miles to transfer or disposal site, 02 89 00 00-0008 for plastic sheeting for containment construction, 02 89 00 00-0020 for decontamination chambers.

02 82 13 Asbestos Abatement *(02 82)*

02 82 13 00-0001		Air Monitoring And Bulk Sampling, Asbestos Testing *(02 82 13)* Note: Includes packaging of sample for shipping, shipping to testing lab, chain of custody documentation, analysis of sample, lab report, and sample disposal. Polarizing Light Microscope (PLM), Phase Contrast Microscope (PCM), and Transmission Electron Microscope (TEM). Excludes sampling time.		
02 82 13 00-0002	HR	Certified Asbestos Air Sampling Technician For Bulk Sampling Or Air Monitoring	110.68	
02 82 13 00-0003	EA	48 Hours Or Longer Turnaround, (Bulk Point Counting) PLM Test, Asbestos Testing	63.06	
02 82 13 00-0004	EA	Next Day Turnaround, (Bulk Point Counting) PLM Test, Asbestos Testing	73.93	
02 82 13 00-0005	EA	Same Day Turnaround, (Bulk Point Counting) PLM Test, Asbestos Testing	117.42	
02 82 13 00-0006	EA	48 Hours Or Longer Turnaround, (Bulk) TEM Test, Asbestos Testing	202.22	
02 82 13 00-0007	EA	Next Day Turnaround, (Bulk) TEM Test, Asbestos Testing	245.71	
02 82 13 00-0008	EA	48 Hours Or Longer Turnaround, (Air) PCM Test, Asbestos Testing	50.01	
02 82 13 00-0009	EA	Next Day Turnaround, (Air) PCM Test, Asbestos Testing	60.88	
02 82 13 00-0010	EA	Same Day Turnaround, (Air) PCM Test, Asbestos Testing	82.63	
02 82 13 00-0011	EA	48 Hours Or Longer Turnaround, (Air Point Counting) PLM Test	63.06	
02 82 13 00-0012	EA	Next Day Turnaround, (Air Point Counting) PLM Test	73.93	
02 82 13 00-0013	EA	Same Day Turnaround, (Air Point Counting) PLM Test	117.42	
02 82 13 00-0014	EA	48 Hours Or Longer Turnaround, (Air) TEM Test, Asbestos Testing	202.22	
02 82 13 00-0015	EA	Next Day Turnaround, (Air) TEM Test, Asbestos Testing	232.66	
02 82 13 00-0016	EA	Same Day Turnaround, (Air) TEM Test, Asbestos Testing	323.99	

02 82 16 Engineering Control of Asbestos Containing Materials *(02 82)*

02 82 16 00-0001		Asbestos Encapsulation (Lock-Down) *(02 82 16)*		
02 82 16 00-0002	SF	Asbestos Encapsulant Spray Adhesive (Lock-Down), Per Coat	1.82	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 16 00-0003	SF	Asbestos Binding Compound Encapsulant/Sealant, Per Coat Required (Fiberlock® ABC® Asbestos Binding Compound)	2.48	
02 82 16 00-0004	SF	Asbestos Fiberspray Encapsulation (Fiberlock® ABC Fiberspray®)	2.65	
02 82 16 00-0005	SF	Asbestos Acrylic Encasement/Encapsulation (Fiberlock® Lag-Kote®)	2.92	
02 82 16 00-0006	SF	Water Activated Repair Cloth Encapsulant (Fiberlock® Lag-Kwik®)	8.84	
02 82 16 00-0007	SF	Water Activated Repair Cloth Encapsulant (Fiberlock® Lag-Kloth®)	9.98	

02 82 33 Removal and Disposal of Asbestos Containing Materials *(02 82)*

Note: Includes materials, equipment, mobilization, preparation, critical barriers (e.g. electrical outlets, registers, windows, etc.), signage, removal, lockdown encapsulant applied to surfaces, bagging, clean-up, vacuuming, transportation for up to 25 miles, disposal of waste at transfer facility or final destination, personnel health monitoring, negative air, documentation and other associated costs necessary for the complete abatement and disposal of the ACM in accordance with EPA, OSHA, and local regulations. Where types of ACM are listed by quantity, the quantity of the entire project, not a particular work area, is to be used in determining which task applies. For certain types of work, there is a task with a unit of measure of SET for a quantity of less than 10 LF or SF (10 LF to 20 LF for ACM pipe insulation), followed by a series of tasks for other quantities. The SET task includes portion for set-up and mobilization. For those tasks the contractor will be paid the first task of SET with a unit of measure of EA, plus an additional task to arrive at the appropriate quantity for the project.

02 82 33 00-0001 Pipe And Pipe Fittings Insulation, Asbestos Abatement And Disposal *(02 82 33)*

02 82 33 00-0002 Pipe Insulation, Asbestos Abatement And Disposal *(02 82 33 00-0001)*

Note: Diameter is outer size of insulation. Treat fittings as additional linear feet of insulation.

02 82 33 00-0003 Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal *(02 82 33 00-0002)*

See CSI section 02 82 33 00-0031 for projects with less than 10 LF.

02 82 33 00-0004	SET	Up To 20 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	1,393.41	
		For Work In Restricted Working Space, Add	*410.00*	
02 82 33 00-0005	LF	>20 To 250 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	47.93	
		For Work In Restricted Working Space, Add	*13.98*	
02 82 33 00-0006	LF	>250 To 500 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	36.29	
		For Work In Restricted Working Space, Add	*10.49*	
02 82 33 00-0007	LF	>500 To 2,500 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	27.55	
		For Work In Restricted Working Space, Add	*7.86*	
02 82 33 00-0008	LF	>2,500 To 10,000 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	21.00	
		For Work In Restricted Working Space, Add	*5.90*	
02 82 33 00-0009	LF	>10,000 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	18.43	
		For Work In Restricted Working Space, Add	*5.13*	

02 82 33 00-0010 >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal *(02 82 33 00-0002)*

See CSI section 02 82 33 00-0031 for projects with less than 10 LF.

02 82 33 00-0011	SET	Up To 20 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal	1,420.14	
		For Work In Restricted Working Space, Add	*410.00*	
02 82 33 00-0012	LF	>20 To 250 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal	56.26	
		For Work In Restricted Working Space, Add	*16.08*	
02 82 33 00-0013	LF	>250 To 500 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal	42.85	
		For Work In Restricted Working Space, Add	*12.05*	
02 82 33 00-0014	LF	>500 To 2,500 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal	32.81	
		For Work In Restricted Working Space, Add	*9.04*	
02 82 33 00-0015	LF	>2,500 To 10,000 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal	25.26	
		For Work In Restricted Working Space, Add	*6.78*	
02 82 33 00-0016	LF	>10,000 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal	22.33	
		For Work In Restricted Working Space, Add	*5.90*	

02 82 33 00-0017 >12" To 18" Diameter Pipe Insulation, Asbestos Abatement And Disposal *(02 82 33 00-0002)*

See CSI section 02 82 33 00-0031 for projects with less than 10 LF.

02 82 33 00-0018	SET	Up To 20 LF, >12" To 18" Diameter Pipe Insulation, Asbestos Abatement And Disposal	1,446.87	
		For Work In Restricted Working Space, Add	*410.00*	
02 82 33 00-0019	LF	>20 To 250 LF, >12" To 18" Diameter Pipe Insulation, Asbestos Abatement And Disposal	75.00	
		For Work In Restricted Working Space, Add	*21.43*	
02 82 33 00-0020	LF	>250 To 500 LF, >12" To 18" Diameter Pipe Insulation, Asbestos Abatement And Disposal	57.14	
		For Work In Restricted Working Space, Add	*16.07*	
02 82 33 00-0021	LF	>500 To 2,500 LF, >12" To 18" Diameter Pipe Insulation, Asbestos Abatement And Disposal	43.74	
		For Work In Restricted Working Space, Add	*12.05*	
02 82 33 00-0022	LF	>2,500 To 10,000 LF, >12" To 18" Diameter Pipe Insulation, Asbestos Abatement And Disposal	33.69	
		For Work In Restricted Working Space, Add	*9.04*	
02 82 33 00-0023	LF	>10,000 LF, >12" To 18" Diameter Pipe Insulation, Asbestos Abatement And Disposal	29.77	
		For Work In Restricted Working Space, Add	*7.86*	

02 82 33 00-0024 >18" To 24" Diameter Pipe Insulation, Asbestos Abatement And Disposal *(02 82 33 00-0002)*

See CSI section 02 82 33 00-0031 for projects with less than 10 LF.

02 82 33 00-0025	SET	Up To 20 LF, >18" To 24" Diameter Pipe Insulation, Asbestos Abatement And Disposal	1,473.60	
		For Work In Restricted Working Space, Add	*410.00*	
02 82 33 00-0026	LF	>20 To 250 LF, >18" To 24" Diameter Pipe Insulation, Asbestos Abatement And Disposal	103.14	
		For Work In Restricted Working Space, Add	*29.47*	
02 82 33 00-0027	LF	>250 To 500 LF, >18" To 24" Diameter Pipe Insulation, Asbestos Abatement And Disposal	78.57	
		For Work In Restricted Working Space, Add	*22.10*	
02 82 33 00-0028	LF	>500 To 2,500 LF, >18" To 24" Diameter Pipe Insulation, Asbestos Abatement And Disposal	60.15	
		For Work In Restricted Working Space, Add	*16.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0029	LF	>2,500 To 10,000 LF, >18" To 24" Diameter Pipe Insulation, Asbestos Abatement And Disposal	46.32	
		For Work In Restricted Working Space, Add	*12.43*	
02 82 33 00-0030	LF	>10,000 LF, >18" To 24" Diameter Pipe Insulation, Asbestos Abatement And Disposal	40.94	
		For Work In Restricted Working Space, Add	*10.81*	

02 82 33 00-0031 Glove Bag Method, Pipe Insulation, Asbestos Abatement And Disposal *(02 82 33 00-0002)*

Note: Solid isolation barriers and plastic sheeting for containment construction (except on floor) are not required for glove bag projects unless required by local codes.

02 82 33 00-0032	SET	Glove Bag For First 3 LF Pipe Insulation, Asbestos Abatement And Disposal	893.47	
		For Work In Restricted Working Space, Add	*265.64*	
02 82 33 00-0033	LF	>3 To 20 LF Additional Glove Bag Work for Pipe Insulation	150.24	
		For Work In Restricted Working Space, Add	*44.27*	
02 82 33 00-0034	LF	>20 To 250 LF Additional Glove Bag Work for Pipe Insulation	59.96	
		For Work In Restricted Working Space, Add	*17.19*	
02 82 33 00-0035	LF	>250 To 500 LF Additional Glove Bag Work for Pipe Insulation	45.62	
		For Work In Restricted Working Space, Add	*12.89*	
02 82 33 00-0036	LF	>500 LF Additional Glove Bag Work for Pipe Insulation	34.89	
		For Work In Restricted Working Space, Add	*9.67*	

02 82 33 00-0037 Thermal Insulation, Asbestos Abatement And Disposal *(02 82 33)*

02 82 33 00-0038 Other Thermal Insulation, Up To 3" Thickness, Asbestos Abatement And Disposal *(02 82 33 00-0037)*

Note: e.g., duct, boiler, tank, etc.

02 82 33 00-0039	SET	Up To 25 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal	1,383.39
02 82 33 00-0040	SF	>25 To 500 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal	47.26
02 82 33 00-0041	SF	>500 To 2,500 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal	37.37
02 82 33 00-0042	SF	>2,500 To 10,000 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal	28.19
02 82 33 00-0043	SF	>10,000 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal	21.31

02 82 33 00-0044 Surfacing Material, Asbestos Abatement And Disposal *(02 82 33)*

02 82 33 00-0045 Fireproofing For Small Areas, Asbestos Abatement And Disposal *(02 82 33 00-0044)*

Note: For asbestos abatement for up to 1 SF sections to expose area for attachments. See CSI section 02 82 33 00-0047 for areas > 1 SF see CSI section.

02 82 33 00-0046	EA	Up To 1 SF, Fireproofing For Small Areas, Asbestos Abatement And Disposal Note: For asbestos abatement for up to 1 SF sections to expose steel area for welding attachments.	228.45

02 82 33 00-0047 Fireproofing, Asbestos Abatement And Disposal *(02 82 33 00-0044)*

Note: Exposed surface area, includes associated overspray.

02 82 33 00-0048	SET	Up To 25 SF, Fireproofing, Asbestos Abatement And Disposal	1,383.39
02 82 33 00-0049	SF	>25 To 500 SF, Fireproofing, Asbestos Abatement And Disposal	56.57
02 82 33 00-0050	SF	>500 To 2,500 SF, Fireproofing, Asbestos Abatement And Disposal	42.58
02 82 33 00-0051	SF	>2,500 To 10,000 SF, Fireproofing, Asbestos Abatement And Disposal	32.10
02 82 33 00-0052	SF	>10,000 SF, Fireproofing, Asbestos Abatement And Disposal	24.25

02 82 33 00-0053 Acoustical Plaster, Asbestos Abatement And Disposal *(02 82 33 00-0044)*

Note: Remove surface coat from brown coat or remove entire assembly, including lathe and finish materials.

02 82 33 00-0054	SET	Up To 25 SF, Acoustical Plaster, Asbestos Abatement And Disposal	1,377.82
02 82 33 00-0055	SF	>25 To 500 SF, Acoustical Plaster, Asbestos Abatement And Disposal	23.79
02 82 33 00-0056	SF	>500 To 2,500 SF, Acoustical Plaster, Asbestos Abatement And Disposal	18.10
02 82 33 00-0057	SF	>2,500 To 10,000 SF, Acoustical Plaster, Asbestos Abatement And Disposal	13.55
02 82 33 00-0058	SF	>10,000 SF, Acoustical Plaster, Asbestos Abatement And Disposal	10.13

02 82 33 00-0059 Gypsum Wall Board, Asbestos Abatement And Disposal *(02 82 33 00-0044)*

02 82 33 00-0060	SET	Up To 50 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal	1,388.96	
		For Additional Layer, Add	*375.84*	
02 82 33 00-0061	SF	>50 To 500 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal	18.39	
		For Additional Layer, Add	*4.93*	
02 82 33 00-0062	SF	>500 To 2,500 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal	13.55	
		For Additional Layer, Add	*3.60*	
02 82 33 00-0063	SF	>2,500 To 10,000 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal	10.70	
		For Additional Layer, Add	*2.82*	
02 82 33 00-0064	SF	>10,000 To 50,000 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal	8.42	
		For Additional Layer, Add	*2.19*	
02 82 33 00-0065	SF	>50,000 To 100,000 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal	6.71	
		For Additional Layer, Add	*1.72*	
02 82 33 00-0066	SF	>100,000 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal	5.46	
		For Additional Layer, Add	*1.38*	

02 82 33 00-0067 Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal *(02 82 33 00-0044)*

02 82 33 00-0068	SET	Up To 25 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal	1,377.82

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0069	SF	>25 To 500 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal	34.51	
02 82 33 00-0070	SF	>500 To 2,500 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal	25.39	
02 82 33 00-0071	SF	>2,500 To 10,000 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal	19.93	
02 82 33 00-0072	SF	>10,000 To 50,000 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal	15.59	
02 82 33 00-0073	SF	>50,000 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal	11.27	
02 82 33 00-0074		Stucco, Asbestos Abatement And Disposal *(02 82 33 00-0044)*		
02 82 33 00-0075	SET	Up To 50 SF, Stucco, Asbestos Abatement And Disposal	1,388.96	
02 82 33 00-0076	SF	>50 To 500 SF, Stucco, Asbestos Abatement And Disposal	30.16	
02 82 33 00-0077	SF	>500 To 2,500 SF, Stucco, Asbestos Abatement And Disposal	22.70	
02 82 33 00-0078	SF	>2,500 To 10,000 SF, Stucco, Asbestos Abatement And Disposal	17.17	
02 82 33 00-0079	SF	>10,000 SF, Stucco, Asbestos Abatement And Disposal	12.98	
02 82 33 00-0080		Spray On Acoustical Ceiling, Asbestos Abatement And Disposal *(02 82 33 00-0044)*		
02 82 33 00-0081	SET	Up To 50 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal	1,388.96	
02 82 33 00-0082	SF	>50 To 500 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal	15.63	
02 82 33 00-0083	SF	>500 To 2,500 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal	12.28	
02 82 33 00-0084	SF	>2,500 To 10,000 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal	9.00	
02 82 33 00-0085	SF	>10,000 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal	6.84	
02 82 33 00-0086		Plywood, Asbestos Abatement And Disposal *(02 82 33 00-0044)*		
02 82 33 00-0087	SET	Up To 40 SF, Plywood, Asbestos Abatement And Disposal	1,384.50	
02 82 33 00-0088	SF	>50 To 500 SF, Plywood, Asbestos Abatement And Disposal	19.81	
02 82 33 00-0089	SF	>500 To 2,500 SF, Plywood, Asbestos Abatement And Disposal	9.76	
02 82 33 00-0090	SF	>2,500 To 10,000 SF, Plywood, Asbestos Abatement And Disposal	6.74	
02 82 33 00-0091	SF	>10,000 SF, Plywood, Asbestos Abatement And Disposal	5.80	
02 82 33 00-0092		Flooring Material, Asbestos Abatement And Disposal *(02 82 33)*		
02 82 33 00-0093		Floor Tile, Linoleum, Carpet Or Base, Asbestos Abatement And Disposal *(02 82 33 00-0092)*		
02 82 33 00-0094		Floor Tile, Asbestos Abatement And Disposal *(02 82 33 00-0093)*		
		Note: Single layer or first of multiple layers. Excludes mastic.		
02 82 33 00-0095	SET	Up To 100 SF, Single Layer Or First Of Multiple Layers, Floor Tile, Asbestos Abatement And Disposal	1,371.14	
		For Each Additional Layer, Add	*205.67*	
02 82 33 00-0096	SF	>100 To 500 SF, Single Layer Or First Of Multiple Layers, Floor Tile, Asbestos Abatement And Disposal	9.76	
		For Each Additional Layer, Add	*1.46*	
02 82 33 00-0097	SF	>500 To 2,500 SF, Single Layer Or First Of Multiple Layers, Floor Tile, Asbestos Abatement And Disposal	8.03	
		For Each Additional Layer, Add	*1.20*	
02 82 33 00-0098	SF	>2,500 To 10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile, Asbestos Abatement And Disposal	6.43	
		For Each Additional Layer, Add	*0.96*	
02 82 33 00-0099	SF	>10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile, Asbestos Abatement And Disposal	4.50	
		For Each Additional Layer, Add	*0.68*	
02 82 33 00-0100		Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal *(02 82 33 00-0093)*		
		Note: Single layer or first of multiple layers. Excludes mastic.		
02 82 33 00-0101	SET	Up To 100 SF, Single Layer Or Multiple Layers, Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal	1,371.14	
		For Each Additional Layer, Add	*205.67*	
02 82 33 00-0102	SF	>100 To 500 SF, Single Layer Or Multiple Layers, Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal	9.76	
		For Each Additional Layer, Add	*1.46*	
02 82 33 00-0103	SF	>500 To 2,500 SF, Single Layer Or Multiple Layers, Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal	8.06	
		For Each Additional Layer, Add	*1.21*	
02 82 33 00-0104	SF	>2,500 To 10,000 SF, Single Layer Or Multiple Layers, Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal	7.32	
		For Each Additional Layer, Add	*1.10*	
02 82 33 00-0105	SF	>10,000 SF, Single Layer Or Multiple Layers, Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal	5.95	
		For Each Additional Layer, Add	*0.89*	
02 82 33 00-0106		Carpet, Asbestos Abatement And Disposal *(02 82 33 00-0093)*		
02 82 33 00-0107	SET	Up To 100 SF, Carpet With Non-Friable Asbestos Mastic, Asbestos Abatement And Disposal	1,371.14	
02 82 33 00-0108	SF	>100 To 500 SF, Carpet With Non-Friable Asbestos Mastic, Asbestos Abatement And Disposal	7.71	
02 82 33 00-0109	SF	>500 To 2,500 SF, Carpet With Non-Friable Asbestos Mastic, Asbestos Abatement And Disposal	6.27	
02 82 33 00-0110	SF	>2,500 To 10,000 SF, Carpet With Non-Friable Asbestos Mastic, Asbestos Abatement And Disposal	4.63	
02 82 33 00-0111	SF	>10,000 SF, Carpet With Non-Friable Asbestos Mastic, Asbestos Abatement And Disposal	3.55	
02 82 33 00-0112		Wall Or Cove Base, Asbestos Abatement And Disposal *(02 82 33 00-0093)*		
		Note: Up to 12".		
02 82 33 00-0113	SET	Up To 25 LF, Wall Base And Mastic, Asbestos Abatement And Disposal	461.13	
02 82 33 00-0114	LF	>25 To 100 LF, Wall Base And Mastic, Asbestos Abatement And Disposal	6.29	
02 82 33 00-0115	LF	>100 To 500 LF, Wall Base And Mastic, Asbestos Abatement And Disposal	3.87	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0116	LF	>500 To 2,500 LF, Wall Base And Mastic, Asbestos Abatement And Disposal	2.50	
02 82 33 00-0117	LF	>2,500 LF, Wall Base And Mastic, Asbestos Abatement And Disposal	1.82	
02 82 33 00-0118		Mastic, Asbestos Abatement And Disposal *(02 82 33 00-0092)*		
		Note: Applies to single layer or bottom layer only of multiple layers. Non-hydrocarbon with pine, citrus or no odor.		
02 82 33 00-0119	SET	Up To 100 SF, Mastic, Asbestos Abatement And Disposal	1,377.83	
		Note: Applies to bottom layer only if multiple layers.		
02 82 33 00-0120	SF	>100 To 500 SF, Mastic, Asbestos Abatement And Disposal	3.51	
		Note: Applies to bottom layer only if multiple layers.		
02 82 33 00-0121	SF	>500 To 2,500 SF, Mastic, Asbestos Abatement And Disposal	2.61	
		Note: Applies to bottom layer only if multiple layers.		
02 82 33 00-0122	SF	>2,500 To 10,000 SF, Mastic, Asbestos Abatement And Disposal	2.04	
		Note: Applies to bottom layer only if multiple layers.		
02 82 33 00-0123	SF	>10,000 SF, Mastic, Asbestos Abatement And Disposal	1.65	
		Note: Applies to bottom layer only if multiple layers.		
02 82 33 00-0124		Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal *(02 82 33 00-0092)*		
		Note: Includes finish wood, asbestos barrier paper, cleanup of sub-wood floor, fasteners, wood fillers and protection of clean crawl space from contamination.		
02 82 33 00-0125	SET	Up To 100 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	1,411.24	
02 82 33 00-0126	SF	>100 To 500 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	11.22	
02 82 33 00-0127	SF	>500 To 2,500 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	8.31	
02 82 33 00-0128	SF	>2,500 To 10,000 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	6.60	
02 82 33 00-0129	SF	>10,000 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	5.23	
02 82 33 00-0130		Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal *(02 82 33 00-0092)*		
02 82 33 00-0131	SET	Up To 100 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal	1,388.95	
02 82 33 00-0132	SF	>100 To 500 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal	12.41	
02 82 33 00-0133	SF	>500 To 2,500 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal	8.19	
		Note: Includes detachment of mounted objects before removal.		
02 82 33 00-0134	SF	>2,500 To 10,000 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal	6.48	
02 82 33 00-0135	SF	>10,000 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal	5.35	
02 82 33 00-0136		Roofing, Asbestos Abatement And Disposal *(02 82 33)*		
02 82 33 00-0137		Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal *(02 82 33 00-0136)*		
		Note: Includes roofing, flashing, sheet metal, insulation, pitch pockets, board etc.		
02 82 33 00-0138		Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal *(02 82 33 00-0137)*		
02 82 33 00-0139	SET	Up To 125 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	1,422.38	
02 82 33 00-0140	SF	>125 To 1,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	9.18	
02 82 33 00-0141	SF	>1,000 To 5,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	7.44	
02 82 33 00-0142	SF	>5,000 To 10,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	6.04	
02 82 33 00-0143	SF	>10,000 To 20,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	4.65	
02 82 33 00-0144	SF	>20,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	3.60	
02 82 33 00-0145		>2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal *(02 82 33 00-0137)*		
02 82 33 00-0146	SET	Up To 110 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	1,464.69	
02 82 33 00-0147	SF	>110 To 1,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	10.84	
02 82 33 00-0148	SF	>1,000 To 5,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	8.82	
02 82 33 00-0149	SF	>5,000 To 10,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	7.28	
02 82 33 00-0150	SF	>10,000 To 20,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	5.67	
02 82 33 00-0151	SF	>20,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	4.46	
02 82 33 00-0152		>5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal *(02 82 33 00-0137)*		
02 82 33 00-0153	SET	Up To 110 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	1,513.70	
02 82 33 00-0154	SF	>110 To 1,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	12.39	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0155	SF	>1,000 To 5,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	10.15	
02 82 33 00-0156	SF	>5,000 To 10,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	8.44	
02 82 33 00-0157	SF	>10,000 To 20,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	6.66	
02 82 33 00-0158	SF	>20,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	5.31	
02 82 33 00-0159		Shingles And Felt Roofing, Asbestos Abatement And Disposal *(02 82 33 00-0136)*		
02 82 33 00-0160		Shingles And Felt Roofing, Asbestos Abatement And Disposal *(02 82 33 00-0159)*		
02 82 33 00-0161	SET	Up To 125 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	1,380.60	
02 82 33 00-0162	SF	>125 To 1,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	8.84	
		For Each Additional Layer, Add	*1.77*	
02 82 33 00-0163	SF	>1,000 To 5,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	7.10	
		For Each Additional Layer, Add	*1.42*	
02 82 33 00-0164	SF	>5,000 To 10,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	5.70	
		For Each Additional Layer, Add	*1.14*	
02 82 33 00-0165	SF	>10,000 To 20,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	4.31	
		For Each Additional Layer, Add	*0.86*	
02 82 33 00-0166	SF	>20,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	3.26	
		For Each Additional Layer, Add	*0.65*	
02 82 33 00-0167		Roof Penetration Mastic, Asbestos Abatement And Disposal *(02 82 33 00-0136)*		
02 82 33 00-0168	SET	Up To 10 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal	456.67	
02 82 33 00-0169	SF	>10 To 50 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal	3.52	
02 82 33 00-0170	SF	>50 To 100 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal	2.91	
02 82 33 00-0171	SF	>100 To 250 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal	2.37	
02 82 33 00-0172	SF	>250 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal	1.75	
02 82 33 00-0173		Roof Curb Mastic, Asbestos Abatement And Disposal *(02 82 33 00-0136)*		
02 82 33 00-0174	SET	Up To 10 LF, Roof Curb Mastic, Asbestos Abatement And Disposal	456.67	
02 82 33 00-0175	LF	>10 To 20 LF, Roof Curb Mastic, Asbestos Abatement And Disposal	10.36	
02 82 33 00-0176	LF	>20 To 50 LF, Roof Curb Mastic, Asbestos Abatement And Disposal	8.31	
02 82 33 00-0177	LF	>50 To 150 LF, Roof Curb Mastic, Asbestos Abatement And Disposal	6.94	
02 82 33 00-0178	LF	>150 LF, Roof Curb Mastic, Asbestos Abatement And Disposal	5.03	
02 82 33 00-0179		Asbestos-Cement Products, Asbestos Abatement And Disposal *(02 82 33)*		
02 82 33 00-0180		Interior Asbestos-Cement Board, Asbestos Abatement And Disposal *(02 82 33 00-0179)* Note: Includes detachment of mounted objects before removal.		
02 82 33 00-0181	SET	Up To 100 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal Note: Includes detachment of mounted objects before removal.	1,388.95	
02 82 33 00-0182	SF	>100 To 500 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal Note: Includes detachment of mounted objects before removal.	9.53	
02 82 33 00-0183	SF	>500 To 2,500 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal Note: Includes detachment of mounted objects before removal.	4.88	
02 82 33 00-0184	SF	>2,500 To 10,000 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal Note: Includes detachment of mounted objects before removal.	3.94	
02 82 33 00-0185	SF	>10,000 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal Note: Includes detachment of mounted objects before removal.	3.45	
02 82 33 00-0186		Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal *(02 82 33 00-0179)*		
02 82 33 00-0187	SET	Up To 100 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal	1,388.95	
02 82 33 00-0188	SF	>100 To 500 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal	8.31	
02 82 33 00-0189	SF	>500 To 2,500 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal	4.36	
02 82 33 00-0190	SF	>2,500 To 10,000 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal	3.54	
02 82 33 00-0191	SF	>10,000 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal	3.10	
02 82 33 00-0192		Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal *(02 82 33 00-0179)*		
02 82 33 00-0193	SET	Up To 10 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	1,165.63	
02 82 33 00-0194	LF	>10 To 100 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	49.26	
02 82 33 00-0195	LF	>100 To 250 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	37.62	
02 82 33 00-0196	LF	>250 To 500 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	28.88	
02 82 33 00-0197	LF	>500 To 2,500 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	22.33	
02 82 33 00-0198	LF	>2,500 To 10,000 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	17.41	
02 82 33 00-0199	LF	>10,000 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	17.07	
02 82 33 00-0200		Exterior Transite Siding, Asbestos Abatement And Disposal *(02 82 33 00-0179)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0201	SET	Up To 125 SF, Exterior Transite Siding, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	1,404.44	
02 82 33 00-0202	SF	>125 To 1,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	7.50	
02 82 33 00-0203	SF	>1,000 To 5,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	6.05	
02 82 33 00-0204	SF	>5,000 To 10,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	4.88	
02 82 33 00-0205	SF	>10,000 To 20,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	3.72	
02 82 33 00-0206	SF	>20,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	2.85	

02 82 33 00-0207 Asbestos Contaminated Debris, Asbestos Abatement And Disposal *(02 82 33)*

02 82 33 00-0208 Asbestos Contaminated Debris, Asbestos Abatement And Disposal *(02 82 33 00-0207)*

02 82 33 00-0209	SET	Up To 10 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	937.85	
		For Work In Restricted Working Space, Add	*273.34*	
02 82 33 00-0210	CF	>10 To 100 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	93.27	
		For Work In Restricted Working Space, Add	*27.18*	
02 82 33 00-0211	CF	>100 To 250 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	63.07	
		For Work In Restricted Working Space, Add	*18.12*	
02 82 33 00-0212	CF	>250 To 500 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	48.03	
		For Work In Restricted Working Space, Add	*13.61*	
02 82 33 00-0213	CF	>500 To 2,500 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	38.91	
		For Work In Restricted Working Space, Add	*10.87*	
02 82 33 00-0214	CF	>2,500 To 10,000 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	33.47	
		For Work In Restricted Working Space, Add	*9.24*	
02 82 33 00-0215	CF	>10,000 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	30.39	
		For Work In Restricted Working Space, Add	*8.32*	

02 82 33 00-0216 Other Asbestos Containing Materials, Asbestos Abatement And Disposal *(02 82 33)*

02 82 33 00-0217 30" To 36" Fire Door, Asbestos Abatement And Disposal *(02 82 33 00-0216)*

02 82 33 00-0218	SET	Up To 1 EA, 30" To 36" Fire Door, Asbestos Abatement And Disposal	467.59
02 82 33 00-0219	EA	>1 To 20 EA, 30" To 36" Fire Door, Asbestos Abatement And Disposal	176.03
02 82 33 00-0220	EA	>20 EA, 30" To 36" Fire Door, Asbestos Abatement And Disposal	159.63

02 82 33 00-0221 HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal *(02 82 33 00-0216)*

02 82 33 00-0222	SET	Up To 10 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	456.12
02 82 33 00-0223	LF	>10 To 50 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	9.37
02 82 33 00-0224	LF	>50 To 100 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	7.05
02 82 33 00-0225	LF	>100 To 250 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	6.07
02 82 33 00-0226	LF	>250 To 1,000 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	5.23
02 82 33 00-0227	LF	>1,000 To 2,500 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	4.49
02 82 33 00-0228	LF	>2,500 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	3.89

02 82 33 00-0229 Grout, Asbestos Abatement And Disposal *(02 82 33 00-0216)*

Note: e.g. flue grout.

02 82 33 00-0230	SET	Up To 10 LF, Grout, Asbestos Abatement And Disposal	455.93
02 82 33 00-0231	LF	>10 To 50 LF, Grout, Asbestos Abatement And Disposal	17.98
02 82 33 00-0232	LF	>50 To 100 LF, Grout, Asbestos Abatement And Disposal	12.38
02 82 33 00-0233	LF	>100 To 250 LF, Grout, Asbestos Abatement And Disposal	10.62
02 82 33 00-0234	LF	>250 To 1,000 LF, Grout, Asbestos Abatement And Disposal	9.12
02 82 33 00-0235	LF	>1,000 To 2,500 LF, Grout, Asbestos Abatement And Disposal	7.87
02 82 33 00-0236	LF	>2,500 LF, Grout, Asbestos Abatement And Disposal	6.75

02 82 33 00-0237 Gaskets, Asbestos Abatement And Disposal *(02 82 33 00-0216)*

Note: e.g. rope, web cloth, flat.

02 82 33 00-0238	SET	Up To 10 LF, Gaskets, Asbestos Abatement And Disposal	456.12
02 82 33 00-0239	LF	>10 To 50 LF, Gaskets, Asbestos Abatement And Disposal	24.22
02 82 33 00-0240	LF	>50 To 250 LF, Gaskets, Asbestos Abatement And Disposal	18.18
02 82 33 00-0241	LF	>250 To 500 LF, Gaskets, Asbestos Abatement And Disposal	15.50
02 82 33 00-0242	LF	>500 To 1,500 LF, Gaskets, Asbestos Abatement And Disposal	13.95
02 82 33 00-0243	LF	>1,500 To 2,500 LF, Gaskets, Asbestos Abatement And Disposal	12.54
02 82 33 00-0244	LF	>2,500 LF, Gaskets, Asbestos Abatement And Disposal	11.94

02 82 33 00-0245 Ceiling Tile Including Glue Removal, Asbestos Abatement And Disposal *(02 82 33 00-0216)*

Note: e.g. grid, spline, or glued on.

02 82 33 00-0246	SET	Up To 50 SF, Ceiling Tile, Asbestos Abatement And Disposal Note: Including Glue Removal	922.26
02 82 33 00-0247	SF	>50 To 1,000 SF, Ceiling Tile, Asbestos Abatement And Disposal Note: Including Glue Removal	19.58

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0248	SF	>1,000 To 2,500 SF, Ceiling Tile, Asbestos Abatement And Disposal Note: Including Glue Removal	9.53	
02 82 33 00-0249	SF	>2,500 To 10,000 SF, Ceiling Tile, Asbestos Abatement And Disposal Note: Including Glue Removal	6.51	
02 82 33 00-0250	SF	>10,000 SF, Ceiling Tile, Asbestos Abatement And Disposal Note: Including Glue Removal	5.57	
02 82 33 00-0251		Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal *(02 82 33 00-0216)* Note: Includes ceiling tile, asbestos barrier paper, and furring strips.		
02 82 33 00-0252	SET	Up To 50 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	917.13	
02 82 33 00-0253	SF	>50 To 1,000 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	19.58	
02 82 33 00-0254	SF	>1,000 To 2,500 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	9.53	
02 82 33 00-0255	SF	>2,500 To 10,000 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	6.51	
02 82 33 00-0256	SF	>10,000 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	5.57	
02 82 33 00-0257		Caulking, Asbestos Abatement And Disposal *(02 82 33 00-0216)*		
02 82 33 00-0258		Non-Friable Caulking, Asbestos Abatement And Disposal *(02 82 33 00-0257)*		
02 82 33 00-0259	SET	Up To 10 LF, Non-Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal	455.93	
02 82 33 00-0260	LF	>10 To 50 LF, Non-Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal	13.48	
02 82 33 00-0261	LF	>50 To 100 LF, Non-Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal	9.51	
02 82 33 00-0262	LF	>100 To 250 LF, Non-Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal	7.09	
02 82 33 00-0263	LF	>250 To 1,000 LF, Non-Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal	5.34	
02 82 33 00-0264	LF	>1,000 To 2,500 LF, Non-Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal	4.24	
02 82 33 00-0265	LF	>2,500 LF, Non-Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal	3.67	
02 82 33 00-0266		Window Putty, Asbestos Abatement And Disposal *(02 82 33 00-0216)*		
02 82 33 00-0267	SET	Up To 10 LF, Window Putty, Asbestos Abatement And Disposal	455.93	
02 82 33 00-0268	LF	>10 To 50 LF, Window Putty, Asbestos Abatement And Disposal	17.98	
02 82 33 00-0269	LF	>50 To 100 LF, Window Putty, Asbestos Abatement And Disposal	12.38	
02 82 33 00-0270	LF	>100 To 250 LF, Window Putty, Asbestos Abatement And Disposal	10.62	
02 82 33 00-0271	LF	>250 To 1,000 LF, Window Putty, Asbestos Abatement And Disposal	9.12	
02 82 33 00-0272	LF	>1,000 LF, Window Putty, Asbestos Abatement And Disposal	7.87	
02 82 33 00-0273		Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal *(02 82 33 00-0216)*		
02 82 33 00-0274	SET	Up To 4 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	962.44	
02 82 33 00-0275	EA	>4 To 40 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	94.36	
02 82 33 00-0276	EA	>40 To 60 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	67.19	
02 82 33 00-0277	EA	>60 To 125 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	53.66	
02 82 33 00-0278	EA	>125 To 625 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	45.45	
02 82 33 00-0279	EA	>625 To 1,500 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	40.55	
02 82 33 00-0280	EA	>1,500 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	37.77	

02 83 Lead Remediation *(02 80)*

See CSI section 01 56 16 00-0023 for temporary stud walls, 01 74 19 00-0040 for hauling in excess of 25 miles to transfer or disposal site, 02 89 00 00-0008 for plastic sheeting for containment construction, 02 89 00 00-0020 for decontamination chambers.

02 83 19 Lead-Based Paint Remediation *(02 83)*

02 83 19 13 Lead-Based Paint Abatement *(02 83 19)*

Note: Includes materials, equipment, mobilization, preparation, critical barriers (e.g. electrical outlets, registers, windows, etc.), signage, removal, bagging, clean-up, vacuuming, transportation for up to 25 miles, disposal, personnel health monitoring, negative air, documentation and other associated costs necessary for the complete removal and disposal of lead contaminated materials in accordance with EPA and local regulations. Where types of Lead are listed by quantity, the quantity of the entire project, not a particular work area, is to be used in determining which task applies. See CSI section 01 56 16 00-0023 for temporary stud walls, 01 74 19 00-0040 for hauling in excess of 25 miles to transfer or disposal site, 02 89 00 00-0008 for plastic sheeting.

02 83 19 13-0001		Minimum Charge For Lead-Based Paint Remediation *(02 83 19 13)*		
02 83 19 13-0002	EA	Lead-Based Paint Remediation Minimum Show Up Charge Note: For projects where the total lead-based paint remediation charge is less than the minimum charge, use task "Minimum Charge For Lead-Based Paint Remediation" exclusively. Task "Minimum Charge For Lead-Based Paint Remediation" should not be used in conjunction with any other tasks in this section. Includes air sample and personal air monitoring.	1,347.85	
02 83 19 13-0003		Lead Sampling And Testing *(02 83 19 13)* Note: Includes packaging of sample for shipping, shipping to testing lab, chain of custody documentation, analysis of sample, lab report, and sample disposal. Excludes sampling time.		
02 83 19 13-0004	HR	Certified Lead Sampling Technician For Bulk Sampling Or Air Monitoring	103.20	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 83 19 13-0005	EA	X-Ray Fluorescence (XRF) Lead Testing Note: Including Technician, 3 Readings Per Surface And Lab Fee	74.96	
02 83 19 13-0006	EA	5 Day Turnaround Toxicity Characteristic Leaching Procedure (TCLP) Lead Test And Lab Fee	71.76	
02 83 19 13-0007	EA	48 Hour Turnaround Toxicity Characteristic Leaching Procedure (TCLP) Lead Test And Lab Fee	108.72	
02 83 19 13-0008	EA	24 Hour Turnaround Toxicity Characteristic Leaching Procedure (TCLP) Lead Test And Lab Fee	152.21	
02 83 19 13-0009	EA	5 Day Turnaround Total Threshold Leaching Concentration (TTLC) Lead Test And Lab Fee	28.27	
02 83 19 13-0010	EA	24 Hour Turnaround Total Threshold Leaching Concentration (TTLC) Lead Test And Lab Fee	43.49	
02 83 19 13-0011	EA	8 Hour Turnaround Total Threshold Leaching Concentration (TTLC) Lead Test And Lab Fee	54.36	
02 83 19 13-0012	EA	5 Day Turnaround Soluble Threshold Limit Concentration (STLC) Lead Test And Lab Fee	71.76	
02 83 19 13-0013	EA	3 Day Turnaround Soluble Threshold Limit Concentration (STLC) Lead Test And Lab Fee	108.72	
02 83 19 13-0014	EA	5 Day Turnaround Lead Wipe Samples And Lab Fee	11.96	
02 83 19 13-0015	EA	24 Hour Turnaround Lead Wipe Samples And Lab Fee	16.31	
02 83 19 13-0016	EA	8 Hour Turnaround Lead Wipe Samples And Lab Fee	23.92	
02 83 19 13-0017	EA	5 Day Turnaround Lead Air Samples And Lab Fee	11.96	
02 83 19 13-0018	EA	24 Hour Turnaround Lead Air Samples And Lab Fee	16.31	
02 83 19 13-0019	EA	8 Hour Turnaround Lead Air Samples And Lab Fee	23.92	
02 83 19 13-0020	EA	5 Day Turnaround Lead Bulk Samples And Lab Fee	11.96	
02 83 19 13-0021	EA	24 Hour Turnaround Lead Bulk Samples And Lab Fee	16.31	
02 83 19 13-0022	EA	8 Hour Turnaround Lead Bulk Samples And Lab Fee	23.92	
02 83 19 13-0023	EA	5 Day Turnaround Lead Water Test and Lab Fee	43.49	
02 83 19 13-0024	EA	24 Hour Turnaround Lead Water Test and Lab Fee	65.23	
02 83 19 13-0025	EA	8 Hour Turnaround Lead Water Test and Lab Fee	86.98	
02 83 19 13-0026	EA	5 Day Turnaround Lead Paint Chip Test and Lab Fee	44.97	
02 83 19 13-0027	EA	5 Day Turnaround Lead Soil Test and Lab Fee	89.95	

02 83 19 13-0028 Chemical Stripping Of Lead Contaminated Material *(02 83 19 13)*

Note: Per 0.02" (20 mils) application. Manufacture recommended operating temperatures not to be below 50 degrees. Includes heat gun (where required) for follow up, waste handling, packing and all personnel blood work, lab test fees and monitoring. Industrial coatings often contain other hazardous ingredients in addition to or in place of lead. These might include, but are not be limited to, chromium, cadmium and mercury.

02 83 19 13-0029	SF	Balustrades, Chemical Stripping Of Lead Contaminated Material	39.47	
		For 0.025" (25 mil) Application, Add	*2.22*	
		For 0.03" (30 mil) Application, Add	*3.49*	
02 83 19 13-0030	SF	Balustrades, Ornate, Chemical Stripping Of Lead Contaminated Material	58.58	
		For 0.025" (25 mil) Application, Add	*3.18*	
		For 0.03" (30 mil) Application, Add	*4.92*	
02 83 19 13-0031	LF	Up To 6" Wide, Wood Trim, Chemical Stripping Of Lead Contaminated Material	16.94	
		For 0.025" (25 mil) Application, Add	*1.00*	
		For 0.03" (30 mil) Application, Add	*1.59*	
		For 0.125" (125 mil) Application, Add	*8.74*	
02 83 19 13-0032	LF	>6" To 12" Wide, Wood Trim, Chemical Stripping Of Lead Contaminated Material	34.64	
		For 0.025" (25 mil) Application, Add	*1.88*	
		For 0.03" (30 mil) Application, Add	*2.92*	
		For 0.125" (125 mil) Application, Add	*13.16*	
02 83 19 13-0033	SF	Cornice, Chemical Stripping Of Lead Contaminated Material	18.38	
		For 0.025" (25 mil) Application, Add	*1.17*	
		For 0.03" (30 mil) Application, Add	*1.91*	
02 83 19 13-0034	SF	Cornice, Ornate, Chemical Stripping Of Lead Contaminated Material	52.21	
		For 0.025" (25 mil) Application, Add	*2.86*	
		For 0.03" (30 mil) Application, Add	*4.45*	
02 83 19 13-0035	SF	Brick, Concrete Block, Concrete, Chemical Stripping Of Lead Contaminated Material	11.32	
		For 0.025" (25 mil) Application, Add	*0.77*	
		For 0.03" (30 mil) Application, Add	*1.27*	
		For 0.125" (125 mil) Application, Add	*8.83*	
02 83 19 13-0036	SF	Cabinets, Chemical Stripping Of Lead Contaminated Material	33.00	
		For 0.025" (25 mil) Application, Add	*1.85*	
		For 0.03" (30 mil) Application, Add	*2.90*	
02 83 19 13-0037	SF	Cabinets, Ornate, Chemical Stripping Of Lead Contaminated Material	42.07	
		For 0.025" (25 mil) Application, Add	*2.30*	
		For 0.03" (30 mil) Application, Add	*3.58*	
02 83 19 13-0038	SF	Plaster, Stucco and Drywall Surfaces, Chemical Stripping Of Lead Contaminated Material	15.64	
		For 0.025" (25 mil) Application, Add	*0.98*	
		For 0.03" (30 mil) Application, Add	*1.60*	
02 83 19 13-0039	SF	Columns, Chemical Stripping Of Lead Contaminated Material	15.01	
		For 0.025" (25 mil) Application, Add	*1.00*	
		For 0.03" (30 mil) Application, Add	*1.66*	
		For 0.125" (125 mil) Application, Add	*11.25*	
02 83 19 13-0040	SF	Flush Doors, One Side, Chemical Stripping Of Lead Contaminated Material	13.23	
		For 0.025" (25 mil) Application, Add	*0.86*	
		For 0.03" (30 mil) Application, Add	*1.42*	
02 83 19 13-0041	SF	Raised Panel Doors and Decorative Doors, Chemical Stripping Of Lead Contaminated Material	16.27	
		For 0.025" (25 mil) Application, Add	*1.01*	
		For 0.03" (30 mil) Application, Add	*1.65*	
02 83 19 13-0042	SF	Sectional Panel Or Roll-Up Doors, Chemical Stripping Of Lead Contaminated	23.99	
		For 0.025" (25 mil) Application, Add	*1.45*	
		For 0.03" (30 mil) Application, Add	*2.33*	
02 83 19 13-0043	EA	Electrical Devices, Chemical Stripping Of Lead Contaminated Material	68.68	
		For 0.025" (25 mil) Application, Add	*3.83*	
		For 0.03" (30 mil) Application, Add	*6.00*	
02 83 19 13-0044	LF	Door Frames, Chemical Stripping Of Lead Contaminated Material	17.00	
		For 0.025" (25 mil) Application, Add	*1.05*	
		For 0.03" (30 mil) Application, Add	*1.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 83 19 13-0045	SF	Wood Floors, Chemical Stripping Of Lead Contaminated Material	9.31	
		For 0.025" (25 mil) Application, Add	*0.67*	
		For 0.03" (30 mil) Application, Add	*1.12*	
02 83 19 13-0046	SF	HVAC Grilles, Chemical Stripping Of Lead Contaminated Material	35.27	
		For 0.025" (25 mil) Application, Add	*1.96*	
		For 0.03" (30 mil) Application, Add	*3.07*	
02 83 19 13-0047	SF	HVAC Grilles, Ornate, Chemical Stripping Of Lead Contaminated Material	42.07	
		For 0.025" (25 mil) Application, Add	*2.30*	
		For 0.03" (30 mil) Application, Add	*3.58*	
02 83 19 13-0048	EA	Hinges, Chemical Stripping Of Lead Contaminated Material	22.04	
		For 0.025" (25 mil) Application, Add	*1.40*	
		For 0.03" (30 mil) Application, Add	*2.29*	
02 83 19 13-0049	EA	Up To 6" Diameter Hangers, Chemical Stripping Of Lead Contaminated Material	27.17	
		For 0.025" (25 mil) Application, Add	*1.66*	
		For 0.03" (30 mil) Application, Add	*2.68*	
		For 0.125" (125 mil) Application, Add	*15.79*	
02 83 19 13-0050	LF	Up To 2" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material	7.56	
		For 0.025" (25 mil) Application, Add	*0.53*	
		For 0.03" (30 mil) Application, Add	*0.89*	
		For 0.125" (125 mil) Application, Add	*6.39*	
02 83 19 13-0051	LF	>2" To 4" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material	12.17	
		For 0.025" (25 mil) Application, Add	*0.76*	
		For 0.03" (30 mil) Application, Add	*1.23*	
		For 0.125" (125 mil) Application, Add	*7.54*	
02 83 19 13-0052	LF	>4" To 8" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material	21.79	
		For 0.025" (25 mil) Application, Add	*1.34*	
		For 0.03" (30 mil) Application, Add	*2.17*	
		For 0.125" (125 mil) Application, Add	*12.95*	
02 83 19 13-0053	LF	>8" To 12" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material	29.87	
		For 0.025" (25 mil) Application, Add	*1.79*	
		For 0.03" (30 mil) Application, Add	*2.88*	
		For 0.125" (125 mil) Application, Add	*16.47*	
02 83 19 13-0054	LF	>12" To 16" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material	53.59	
		For 0.025" (25 mil) Application, Add	*3.13*	
		For 0.03" (30 mil) Application, Add	*4.98*	
		For 0.125" (125 mil) Application, Add	*26.90*	
02 83 19 13-0055	SF	>16" Diameter Pipes, Chemical Stripping Of Lead Contaminated Material, SF Of Surface Area	16.02	
		For 0.025" (25 mil) Application, Add	*0.91*	
		For 0.03" (30 mil) Application, Add	*1.43*	
		For 0.125" (125 mil) Application, Add	*7.25*	
02 83 19 13-0056	EA	Up To 12 SF Radiators, Chemical Stripping Of Lead Contaminated Material	318.79	
		For 0.025" (25 mil) Application, Add	*17.39*	
		For 0.03" (30 mil) Application, Add	*26.99*	
02 83 19 13-0057	SF	Flat And Raised Panel Wood Shutters, Chemical Stripping Of Lead Contaminated Material	22.17	
		For 0.025" (25 mil) Application, Add	*1.67*	
		For 0.03" (30 mil) Application, Add	*2.86*	
02 83 19 13-0058	SF	Louvered Wood Shutters, Chemical Stripping Of Lead Contaminated Material	24.29	
		For 0.025" (25 mil) Application, Add	*1.78*	
		For 0.03" (30 mil) Application, Add	*3.02*	
02 83 19 13-0059	SF	Siding, Chemical Stripping Of Lead Contaminated Material	12.67	
		For 0.025" (25 mil) Application, Add	*0.88*	
		For 0.03" (30 mil) Application, Add	*1.48*	
		For 0.125" (125 mil) Application, Add	*10.67*	
02 83 19 13-0060	SF	Soffit, Chemical Stripping Of Lead Contaminated Material	26.67	
		For 0.025" (25 mil) Application, Add	*1.53*	
		For 0.03" (30 mil) Application, Add	*2.43*	
		For 0.125" (125 mil) Application, Add	*12.67*	
02 83 19 13-0061	SF	Flat Steel Surfaces, Chemical Stripping Of Lead Contaminated Material	12.23	
		For 0.025" (25 mil) Application, Add	*0.81*	
		For 0.03" (30 mil) Application, Add	*1.34*	
		For 0.125" (125 mil) Application, Add	*9.06*	
02 83 19 13-0062	SF	Corrugated Steel, Chemical Stripping Of Lead Contaminated Material	13.89	
		For 0.025" (25 mil) Application, Add	*0.89*	
		For 0.03" (30 mil) Application, Add	*1.47*	
		For 0.125" (125 mil) Application, Add	*9.47*	
02 83 19 13-0063	SF	Steel Beams and Columns, Chemical Stripping Of Lead Contaminated Material	13.86	
		For 0.025" (25 mil) Application, Add	*0.89*	
		For 0.03" (30 mil) Application, Add	*1.46*	
		For 0.125" (125 mil) Application, Add	*9.47*	
02 83 19 13-0064	SF	Steel Trusses, Chemical Stripping Of Lead Contaminated Material	19.67	
		For 0.025" (25 mil) Application, Add	*1.18*	
		For 0.03" (30 mil) Application, Add	*1.90*	
		For 0.125" (125 mil) Application, Add	*10.92*	
02 83 19 13-0065	SF	Wood Surfaces, Chemical Stripping Of Lead Contaminated Material	13.86	
		For 0.025" (25 mil) Application, Add	*0.89*	
		For 0.03" (30 mil) Application, Add	*1.46*	
		For 0.125" (125 mil) Application, Add	*9.47*	
02 83 19 13-0066	SF	Windows (Sash, Sill, Jambs, Casing Trim), One Side, 1/1 Light, Chemical Stripping Of Lead Contaminated Material	32.02	
		For 0.025" (25 mil) Application, Add	*1.80*	
		For 0.03" (30 mil) Application, Add	*2.83*	
02 83 19 13-0067	SF	Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 2/2 Light, Chemical Stripping Of Lead Contaminated Material	35.06	
		For 0.025" (25 mil) Application, Add	*1.95*	
		For 0.03" (30 mil) Application, Add	*3.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 83 19 13-0068	SF	Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 4/4 Light, Chemical Stripping Of Lead Contaminated Material	37.11	
		For 0.025" (25 mil) Application, Add	*2.06*	
		For 0.03" (30 mil) Application, Add	*3.21*	
02 83 19 13-0069	SF	Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 6/6 Light, Chemical Stripping Of Lead Contaminated Material	39.17	
		For 0.025" (25 mil) Application, Add	*2.16*	
		For 0.03" (30 mil) Application, Add	*3.36*	
02 83 19 13-0070	SF	Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 8/8 Light Chemical Stripping Of Lead Contaminated Material	41.22	
		For 0.025" (25 mil) Application, Add	*2.26*	
		For 0.03" (30 mil) Application, Add	*3.52*	
02 83 19 13-0071	SF	Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 10/10 Light, Chemical Stripping Of Lead Contaminated Material	43.35	
		For 0.025" (25 mil) Application, Add	*2.37*	
		For 0.03" (30 mil) Application, Add	*3.68*	
02 83 19 13-0072	SF	Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 12/12 light Chemical Stripping Of Lead Contaminated Material	45.35	
		For 0.025" (25 mil) Application, Add	*2.47*	
		For 0.03" (30 mil) Application, Add	*3.83*	
02 83 19 13-0073	SF	Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 14/14 Light, Chemical Stripping Of Lead Contaminated Material	46.38	
		For 0.025" (25 mil) Application, Add	*2.52*	
		For 0.03" (30 mil) Application, Add	*3.90*	
02 83 19 13-0074	SF	Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 16/16 Light Chemical Stripping Of Lead Contaminated Material	47.43	
		For 0.025" (25 mil) Application, Add	*2.57*	
		For 0.03" (30 mil) Application, Add	*3.98*	
02 83 19 13-0075	SF	Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 20/20 Light, Chemical Stripping Of Lead Contaminated Material	48.41	
		For 0.025" (25 mil) Application, Add	*2.62*	
		For 0.03" (30 mil) Application, Add	*4.06*	
02 83 19 13-0076	SF	Metal Stairs, Chemical Stripping Of Lead Contaminated Material	63.93	
		For 0.025" (25 mil) Application, Add	*3.60*	
		For 0.03" (30 mil) Application, Add	*5.64*	
		For 0.125" (125 mil) Application, Add	*27.98*	
02 83 19 13-0077	LF	Metal Single Hand Rail, Chemical Stripping Of Lead Contaminated Material	11.07	
		For 0.025" (25 mil) Application, Add	*0.70*	
		For 0.03" (30 mil) Application, Add	*1.15*	
		For 0.125" (125 mil) Application, Add	*7.27*	
02 83 19 13-0078	SF	Metal Railing And Posts, Chemical Stripping Of Lead Contaminated Material Note: The unit of measure "SF" is measured for 'Length x Height'. Work includes both sides of railing.	32.47	
		For 0.025" (25 mil) Application, Add	*1.92*	
		For 0.03" (30 mil) Application, Add	*3.07*	
		For 0.125" (125 mil) Application, Add	*17.12*	
02 83 19 13-0079	SF	Metal Picket Fence, Chemical Stripping Of Lead Contaminated Material Note: The unit of measure "SF" is measured for 'Length x Height'. Work includes both sides of railing.	35.52	
		For 0.025" (25 mil) Application, Add	*2.03*	
		For 0.03" (30 mil) Application, Add	*3.20*	
		For 0.125" (125 mil) Application, Add	*16.38*	
02 83 19 13-0080	LF	2" Wide Paint From Concrete Or Asphalt Pavement, Chemical Stripping Of Lead Contaminated Material	3.27	
		For 0.025" (25 mil) Application, Add	*0.20*	
		For 0.03" (30 mil) Application, Add	*0.32*	
02 83 19 13-0081	LF	3" Wide Paint From Concrete Or Asphalt Pavement, Chemical Stripping Of Lead Contaminated Material	4.90	
		For 0.025" (25 mil) Application, Add	*0.30*	
		For 0.03" (30 mil) Application, Add	*0.47*	
02 83 19 13-0082	LF	4" Wide Paint From Concrete Or Asphalt Pavement, Chemical Stripping Of Lead Contaminated Material	5.67	
		For 0.025" (25 mil) Application, Add	*0.33*	
		For 0.03" (30 mil) Application, Add	*0.53*	
02 83 19 13-0083	LF	6" Wide Paint From Concrete Or Asphalt Pavement, Chemical Stripping Of Lead Contaminated Material	6.53	
		For 0.025" (25 mil) Application, Add	*0.39*	
		For 0.03" (30 mil) Application, Add	*0.63*	
02 83 19 13-0084	SF	Paint From Concrete Or Asphalt Pavement, Chemical Stripping Of Lead Contaminated Material	11.32	
		For 0.025" (25 mil) Application, Add	*0.77*	
		For 0.03" (30 mil) Application, Add	*1.27*	

02 83 19 13-0085 Demolish Lead Contaminated Material *(02 83 19 13)*

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

02 83 19 13-0086	SF	Demolish Ceiling Suspension System, Lead Contaminated Material		2.82
02 83 19 13-0087	SF	Demolish Up To 100 SF Gypsum Wall Board, Lead Contaminated Material		8.26
02 83 19 13-0088	SF	Demolish >100 To 500 SF Gypsum Wall Board, Lead Contaminated Material		5.93
02 83 19 13-0089	SF	Demolish >500 To 2,500 SF Gypsum Wall Board, Lead Contaminated Material		4.65
02 83 19 13-0090	SF	Demolish >2,500 SF Gypsum Wall Board, Lead Contaminated Material		3.61
02 83 19 13-0091	SF	Demolish Up To 100 SF Plaster/Stucco, Lead Contaminated Material Note: Includes lath on plaster and backing insulation on stucco.		25.80
02 83 19 13-0092	SF	Demolish >100 To 500 SF Plaster/Stucco, Lead Contaminated Material Note: Includes lath on plaster and backing insulation on stucco.		18.35
02 83 19 13-0093	SF	Demolish >500 To 2,500 SF Plaster/Stucco, Lead Contaminated Material Note: Includes lath on plaster and backing insulation on stucco.		13.76
02 83 19 13-0094	SF	Demolish >2,500 To 10,000 SF Plaster/Stucco, Lead Contaminated Material Note: Includes lath on plaster and backing insulation on stucco.		10.32
02 83 19 13-0095	SF	Demolish Suspended Ceiling System And Tile, Lead Contaminated Material		1.64

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 83 19 13-0096	SF	Demolish Acoustical Ceiling Tile, Lead Contaminated Material	1.05	
02 83 19 13-0097	SF	Demolish Metal Pan Grid System, Lead Contaminated Material	1.63	
02 83 19 13-0098	EA	Demolish Ceiling And Recessed Light Fixtures, Lead Contaminated Material	78.58	
02 83 19 13-0099	EA	Demolish >2' x 4' Light Fixtures, Lead Contaminated Material	104.24	
02 83 19 13-0100	SF	Demolish Non-Load Bearing Partitions Of Plaster Or Stucco, Lath And Studs, Lead Contaminated Material	11.64	
02 83 19 13-0101	SF	Demolish Non-Load Bearing Partitions Of Gypsum Board And Studs, Lead Contaminated Material	6.52	
02 83 19 13-0102	SF	Demolish Brick, Lead Contaminated Material	4.91	
02 83 19 13-0103	SF	Demolish Concrete Block, Lead Contaminated Material	6.32	
02 83 19 13-0104	SF	Demolish Tile, Lead Contaminated Material	4.76	
02 83 19 13-0105	SF	Demolish Up To 6" Concrete, Lead Contaminated Material	7.16	
02 83 19 13-0106	IN	Drilling, Up To 1/2" Diameter In Lead Paint/Asbestos Material Per Inch Of Depth	5.56	
02 83 19 13-0107	IN	Drilling, >1/2" To 1" Diameter In Lead Paint/Asbestos Material Per Inch Of Depth	7.41	
02 83 19 13-0108	LF	Demolish Wood Balustrades And Railings, Lead Contaminated Material	8.14	
02 83 19 13-0109	LF	Demolish Up To 6" Wide Baseboard, Lead Contaminated Material	2.12	
02 83 19 13-0110	LF	Demolish >6" To 12" Wide Baseboard, Lead Contaminated Material	2.65	
02 83 19 13-0111	LF	Demolish Base Shoe Molding, Lead Contaminated Material	1.73	
02 83 19 13-0112	SF	Demolish Concrete, Lead Contaminated Material	16.21	
02 83 19 13-0113	LF	Demolish Cabinets, Lead Contaminated Material	37.75	
02 83 19 13-0114	SF	Demolish Ceilings, Gypsum Board, Lead Contaminated Material	2.14	
02 83 19 13-0115	SF	Demolish Up To 12" Diameter Columns, Lead Contaminated Material	20.92	
02 83 19 13-0116	SF	Demolish Cornice, Lead Contaminated Material	2.78	
02 83 19 13-0117	EA	Demolish Doors, Lead Contaminated Material	81.90	
02 83 19 13-0118	LF	Demolish Door And Window Wood Trim Or Wood Frames, Lead Contaminated Material	2.49	
02 83 19 13-0119	EA	Demolish Electrical Devices, Lead Contaminated Material	25.13	
02 83 19 13-0120	LF	Demolish Up To 1" Diameter Electrical Conduit, Lead Contaminated Material	3.22	
02 83 19 13-0121	LF	Demolish >1" To 2" Diameter Electrical Conduit, Lead Contaminated Material	5.37	
02 83 19 13-0122	SF	Demolish Wood Floors, Lead Contaminated Material	3.86	
02 83 19 13-0123	SF	Demolish Grilles, Lead Contaminated Material	4.54	
02 83 19 13-0124	EA	Demolish Hinges, Lead Contaminated Material	9.14	
02 83 19 13-0125	EA	Demolish Up To 6" Diameter Hangers, Lead Contaminated Material	19.63	
02 83 19 13-0126	LF	Demolish Up To 2" Diameter Pipes, Lead Contaminated Material	8.05	
02 83 19 13-0127	LF	Demolish >2" To 4" Diameter Pipes, Lead Contaminated Material	11.74	
02 83 19 13-0128	LF	Demolish >4" To 8" Diameter Pipes, Lead Contaminated Material	17.74	
02 83 19 13-0129	LF	Demolish >8" To 12" Diameter Pipes, Lead Contaminated Material	32.73	
02 83 19 13-0130	EA	Demolish Radiators, Lead Contaminated Material	141.37	
02 83 19 13-0131	EA	Demolish Shutters, Lead Contaminated Material	55.08	
02 83 19 13-0132	SF	Demolish Siding, Lead Contaminated Material	2.19	
02 83 19 13-0133	SF	Demolish Soffit, Lead Contaminated Material	1.86	
02 83 19 13-0134	SF	Demolish Flat Steel Surfaces, Lead Contaminated Material	5.10	
02 83 19 13-0135	SF	Demolish Steel Beams, Lead Contaminated Material	6.00	
02 83 19 13-0136	SF	Demolish Trusses, Lead Contaminated Material	7.87	
02 83 19 13-0137	SF	Demolish Walls, Wood, Lead Contaminated Material	5.82	
02 83 19 13-0138	SF	Demolish Windows, Lead Contaminated Material	19.56	
02 83 19 13-0139	SF	Demolish Metal Stair, Lead Contaminated Material	9.36	
02 83 19 13-0140	LF	Demolish Single Metal Hand Rail, Lead Contaminated Material	6.88	
02 83 19 13-0141	LF	Demolish Metal Railing And Posts, Lead Contaminated Material	11.23	
02 83 19 13-0142	SF	Demolish Metal Picket Fence, Lead Contaminated Material	3.09	
02 83 19 13-0143	SF	Demolish Plywood, Lead Contaminated Material	8.46	
02 83 19 13-0144	SF	Demolish Planks (Various Sizes), Lead Contaminated Material	4.12	
02 83 19 13-0145	EA	Demolish Metal Brackets Or Other Small Metal Shapes, Lead Contaminated Material	25.80	
02 83 19 13-0146	SF	Demolish Ceramic Tile Block, Lead Contaminated Material	5.63	
02 83 19 13-0147	LF	Demolish Metal Guard Rails, Lead Contaminated Material	15.48	
02 83 19 13-0148	LF	Demolish Roof Metal Trim, Lead Contaminated Material	3.31	
02 83 19 13-0149	LF	Demolish Rain Gutters, Lead Contaminated Material	5.67	
02 83 19 13-0150	LF	Demolish Downspouts, Lead Contaminated Material	4.65	
02 83 19 13-0151	SF	Demolish Corrugated Metal Roofing, Lead Contaminated Material	5.73	
02 83 19 13-0152	LF	Demolish Roof Metal Flashing, Lead Contaminated Material	3.30	
02 83 19 13-0153	LF	Demolish Fascia Board Up To 12", Lead Contaminated Material	8.26	
02 83 19 13-0154		**Wet Sanding/Light Scraping Of Lead Contaminated Material** *(02 83 19 13)* Note: Remove loose, flaking lead-based paint to prepare for painting.		
02 83 19 13-0155	SF	Wet Sand/Scrape Of Lead Contaminated Material To Prepare For Painting	3.94	
02 83 19 13-0156		**Mechanical Stripping Of Lead Contaminated Material** *(02 83 19 13)* Note: Includes heat gun (where required) for follow up, waste handling, packing and all personnel blood work, lab test fees and monitoring.		
02 83 19 13-0157	SF	Grind Flat Steel Surfaces, Mechanical Stripping Of Lead Contaminated Material	21.64	
02 83 19 13-0158		**Lead Abatement Encapsulation** *(02 83 19 13)* Note: Can also be used for asbestos contaminated encapsulation. Spray applied application unless task described otherwise.		
02 83 19 13-0159	SF	Balustrades, Lead Abatement Encapsulation	7.09	
02 83 19 13-0160	LF	Up To 6" Wide, Baseboard, Lead Abatement Encapsulation	7.05	
02 83 19 13-0161	LF	>6" To 12" Wide, Baseboard, Lead Abatement Encapsulation	9.56	
02 83 19 13-0162	SF	Brick, Concrete Block, Concrete, Lead Abatement Encapsulation	4.54	
02 83 19 13-0163	SF	Ornate Cabinets, Lead Abatement Encapsulation	10.28	
02 83 19 13-0164	SF	Simple Design Cabinets, Lead Abatement Encapsulation	8.36	
02 83 19 13-0165	SF	Drywall Ceilings, Lead Abatement Encapsulation	2.83	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 83 19 13-0166	SF	Wood Ceilings, Lead Abatement Encapsulation	3.45	
02 83 19 13-0167	SF	Acoustical And Popcorn Ceilings, Lead Abatement Encapsulation	3.20	
02 83 19 13-0168	SF	Columns, Lead Abatement Encapsulation	5.49	
02 83 19 13-0169	SF	Doors, Lead Abatement Encapsulation	10.53	
02 83 19 13-0170	LF	Up To 2" Electrical Conduit, Lead Abatement Encapsulation	4.64	
02 83 19 13-0171	SF	Picket Fence (Brush), Lead Abatement Encapsulation	3.26	
02 83 19 13-0172	SF	Wood Floors (Roller), Lead Abatement Encapsulation	2.72	
02 83 19 13-0173	SF	Grilles, Vents, Lead Abatement Encapsulation	7.65	
02 83 19 13-0174	LF	Gutters And Downspouts, Lead Abatement Encapsulation	7.09	
02 83 19 13-0175	EA	Hangers, Lead Abatement Encapsulation	60.64	
02 83 19 13-0176	LF	Up To 4" Diameter Pipe (Brush), Lead Abatement Encapsulation	4.30	
02 83 19 13-0177	LF	>4" To 8" Diameter Pipe (Brush), Lead Abatement Encapsulation	6.18	
02 83 19 13-0178	LF	>8" To 12" Diameter Pipe (Brush), Lead Abatement Encapsulation	9.55	
02 83 19 13-0179	LF	>12" To 16" Diameter Pipe (Brush), Lead Abatement Encapsulation	14.10	
02 83 19 13-0180	EA	Radiators, Lead Abatement Encapsulation	155.70	
02 83 19 13-0181	EA	Up To 6' Shutters, Lead Abatement Encapsulation	223.63	
02 83 19 13-0182	SF	Siding, Lead Abatement Encapsulation	3.90	
02 83 19 13-0183	SF	Up To 12" Soffit, Lead Abatement Encapsulation	5.49	
02 83 19 13-0184	SF	Steel, Flat Surfaces And Tanks Up To 12', Lead Abatement Encapsulation	4.54	
02 83 19 13-0185	SF	Steel Beams And Metal Decks, Lead Abatement Encapsulation	5.95	
02 83 19 13-0186	SF	Trusses, Lead Abatement Encapsulation	5.95	
02 83 19 13-0187	SF	Drywall Walls, Lead Abatement Encapsulation	2.54	
02 83 19 13-0188	SF	Wood Walls, Lead Abatement Encapsulation	3.11	
02 83 19 13-0189	EA	Window Without Grille, Lead Abatement Encapsulation	131.67	
02 83 19 13-0190	EA	Window With Grille, Lead Abatement Encapsulation	169.40	
02 83 19 13-0191	LF	Wood Door Frames And Trim, Lead Abatement Encapsulation	4.06	
02 83 19 13-0192	LF	Steel Lintels, Lead Abatement Encapsulation	4.66	
02 83 19 13-0193	LF	Wood Fascia Boards, Lead Abatement Encapsulation	12.40	
02 83 19 13-0194	SF	Wood Eaves, Lead Abatement Encapsulation	12.40	
02 83 19 13-0195	LF	Wood Window Sill, Lead Abatement Encapsulation	3.71	
02 83 19 13-0196	LF	Wood Window Sash, Lead Abatement Encapsulation	4.78	
02 83 19 13-0197	LF	Wood Window Jamb And Trim, Lead Abatement Encapsulation	6.69	
02 83 19 13-0198	LF	Wood Doorway Threshold, Lead Abatement Encapsulation	4.47	
02 83 19 13-0199	LF	Up To 6" Wide, Crown Molding (Simple), Lead Abatement Encapsulation	7.05	
02 83 19 13-0200	LF	>6" To 12" Wide, Crown Molding (Simple), Lead Abatement Encapsulation	9.56	
02 83 19 13-0201	LF	Up To 6" Wide, Crown Molding (Ornate), Lead Abatement Encapsulation	8.75	
02 83 19 13-0202	LF	>6" To 12" Wide, Crown Molding (Ornate), Lead Abatement Encapsulation	11.84	
02 83 19 13-0203		Removal By Heat Gun Of Lead Contaminated Material *(02 83 19 13)* Note: Remove of multi-layers of paint down to substrate		
02 83 19 13-0204	SF	Scrape And Removal Per Layer Of Multi-layers Of Paint With Heat Gun	7.64	

02 83 33 Removal and Disposal of Material Containing Lead *(02 83)*

02 83 33 13 Lead-Based Paint Removal and Disposal *(02 83 33)*

02 83 33 13-0001		Remove Loose Dirt And Debris Containing Lead *(02 83 33 13)*		
02 83 33 13-0002	SF	High Efficiency Particulate Air (HEPA) Vacuum And Wet Cleaning Of Lead Contaminated Area With Mild Detergent	0.33	
02 83 33 13-0003	SF	High Efficiency Particulate Air (HEPA) Vacuum And Wet Cleaning Of Lead Contaminated Area With Tri-Sodium Phosphate	0.32	
02 83 33 13-0004	SF	High Efficiency Particulate Air (HEPA) Vacuum And Shampoo Cleaning Of Lead Contaminated Carpeting	1.63	

02 84 Polychlorinated Biphenyl Remediation *(02 80)*

02 84 16 Handling of Lighting Ballasts and Lamps Containing PCBs and Mercury *(02 84)*

02 84 16 00-0001		Removal Of TSCA-Exempt PCB And Non-PCB Ballasts From Demolished Fixtures *(02 84 16)* Note: Includes removal of TSCA-exempt PCB and Non-PCB ballast from demolished lighting fixture and placing ballast in an approved container for recycling.		
02 84 16 00-0002	EA	Removal Of TSCA-Exempt Polychlorinated Biphenyl (PCB) And Non-PCB Ballast From A Demolished Fixture For Recycling	10.28	
02 84 16 00-0003		Recycle TSCA-Exempt PCB And Non-PCB Ballasts *(02 84 16)* Note: Non-leaking ballasts. Includes containers, shipping costs and recycling fees. Excludes ballast removal.		
02 84 16 00-0004	EA	Recycle Non-Polychlorinated Biphenyl (PCB) Ballast Removed From Up To 4' Length Fixtures	3.31	
02 84 16 00-0005	EA	Recycle Non-Polychlorinated Biphenyl (PCB) Ballast Removed From >4' To 8' Length Fixtures	4.21	
02 84 16 00-0006	EA	Recycle TSCA-Exempt Polychlorinated Biphenyl (PCB) Ballast Removed From Up To 4' Length Fixtures	9.96	
02 84 16 00-0007	EA	Recycle TSCA-Exempt Polychlorinated Biphenyl (PCB) Ballast Removed From >4' To 8' Length Fixtures	20.84	
02 84 16 00-0008		Disposal Of Leaking PCB And Non-PCB Ballasts *(02 84 16)* Note: Disposal at an EPA approved facility. Includes containers, shipping costs and disposal fees. Excludes ballast removal.		
02 84 16 00-0009	EA	Dispose Of Leaking Non-Polychlorinated Biphenyl (PCB) Ballast Removed From Up To 4' Length Fixtures	6.03	
02 84 16 00-0010	EA	Dispose Of Leaking Non-Polychlorinated Biphenyl (PCB) Ballast Removed From >4' To 8' Length Fixtures	8.30	
02 84 16 00-0011	EA	Dispose Of Leaking Polychlorinated Biphenyl (PCB) Ballast Removed From Up To 4' Length Fixtures	25.59	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 84 16 00-0012	EA	Dispose Of Leaking Polychlorinated Biphenyl (PCB) Ballast Removed From >4' To 8' Length Fixtures	49.70	

02 86 Hazardous Waste Drum Handling *(02 80)*

02 86 00 00-0001 Hazardous Waste Packaging *(02 86)*

02 86 00 00-0002 Overpacks *(02 86 00 00-0001)*

02 86 00 00-0003 Steel Salvage Drums, 16 Gauge *(02 86 00 00-0002)*

02 86 00 00-0004	EA	110 Gallon, 30" Diameter X 41" High	515.13	
02 86 00 00-0005	EA	85 Gallon, 26" Diameter X 38" High	293.23	
02 86 00 00-0006	EA	83 Gallon, 26" Diameter X 36" High	283.01	
02 86 00 00-0007	EA	55 Gallon, DOT 17C, 18" Diameter X 34" High	177.06	
02 86 00 00-0008	EA	30 Gallon, DOT 17C, 18" Diameter X 28" High	139.48	
02 86 00 00-0009	EA	22 Gallon, 16" Diameter X 25" High	93.97	
02 86 00 00-0010	EA	15 Gallon, DOT 17C, 14" Diameter X 24" High	84.97	
02 86 00 00-0011	EA	10 Gallon, 13.8" Diameter X 15" High	74.87	

02 86 00 00-0012 Polyethylene Overpacks *(02 86 00 00-0002)*

02 86 00 00-0013	EA	95 Gallon, DOT E9618, Twist On Lid 31" Diameter X 41" High	581.87	
02 86 00 00-0014	EA	20 Gallon, Labpack, Twist On Lid 21" Diameter X 7.5" High	107.53	
02 86 00 00-0015	EA	85 Gallon, DOT E9775, Clamp Ring Lid, 27" Diameter X 41" High	526.52	

02 86 00 00-0016 Composite Overpacks *(02 86 00 00-0002)*

02 86 00 00-0017	EA	55 Gal, DOT 17C, Steel Drum Nested With 2-20 Gallon Fiber Drums	285.72	
02 86 00 00-0018	EA	55 Gal, DOT 17C, Steel Drum Nested With 4-10 Gallon Fiber Drums	392.08	
02 86 00 00-0019	EA	85 Gal, 16 Gauge Salvage Drum Nested With 3-20 Gallon Fiber Drums	531.82	

02 86 00 00-0020 DOT E-9168 Exempt Packaging *(02 86 00 00-0002)*

02 86 00 00-0021	EA	32 Oz Bottle, Carton, Insert, Can, Poly Bag And Tape -E9168	49.55	
02 86 00 00-0022	EA	950 cc Bottle, Carton, Insert, Can, Poly Bag And Tape -E9168	52.28	
02 86 00 00-0023	EA	500 cc Bottle, Carton, Insert, Can, Poly Bag And Tape -E9168	51.11	
02 86 00 00-0024	EA	250 cc Bottle, Carton, Insert, Can, Poly Bag And Tape -E9168	25.31	
02 86 00 00-0025	EA	Can, Carton, Insert, Tape - Corrosive And Flammable - UPS	15.31	
02 86 00 00-0026	EA	16 Oz Bottle, Carton, Insert And Tape, Sludge/Viscous, UPS	8.10	
02 86 00 00-0027	EA	32 Oz Bottle, Carton, Insert And Tape, Sludge/Viscous, UPS	10.53	

02 86 00 00-0028 Steel Drums *(02 86 00 00-0001)*

02 86 00 00-0029 UN Rated Steel Drums *(02 86 00 00-0028)*

02 86 00 00-0030	EA	8 Gallon, 17C, Open, Steel Drum	95.94	
02 86 00 00-0031	EA	55 Gallon Stainless Steel DOT 5C Seamless Oh Drum 16-Gauge (25-49)	1,380.00	
02 86 00 00-0032	EA	UN 1A2/X 320/S 55 Gallon, Open, 16 Gauge, Steel Drum	135.52	
02 86 00 00-0033	EA	55 Gallon Stainless Steel DOT 17E Ch 18-Gauge Drum (10-24)	1,113.58	
02 86 00 00-0034	EA	55 Gallon Reconditioned Steel 17h Drum (50+)	93.85	
02 86 00 00-0035	EA	55 Gallon Stainless Steel DOT 17E Ch 18-Gauge Drum (25-49)	1,092.62	
02 86 00 00-0036	EA	UN 1A2/X 320/S 55 Gallon, Closed, 16 Gauge, Steel Drum	128.09	
02 86 00 00-0037	EA	55 Gallon Stainless Steel DOT 5C Seamless Oh Drum 16-Gauge (50+)	1,308.15	
02 86 00 00-0038	EA	55 Gallon Stainless Steel DOT 5C Ch Seamless Drum 16-Gauge (10-24)	1,598.52	
02 86 00 00-0039	EA	55 Gallon Stainless Steel DOT 5C Ch Seamless Drum 16-Gauge (25-49)	1,568.59	
02 86 00 00-0040	EA	55 Gallon Stainless Steel DOT 5C Oh 16-Gauge Drum (1-9)	1,445.85	
02 86 00 00-0041	EA	UN 1A2/Y 1.4/100 55 Gallon, Open, 16 Gauge, Steel Drum	103.86	
02 86 00 00-0042	EA	55 Gallon Stainless Steel DOT 17E Ch 18-Gauge Drum (50+)	984.86	
02 86 00 00-0043	EA	55 Gallon Stainless Steel DOT 5C Oh 16-Gauge Drum (10-24)	1,418.91	
02 86 00 00-0044	EA	UN 1A2/Y 1.4/100 55 Gallon, Closed, 16 Gauge, Steel Drum	81.85	
02 86 00 00-0045	EA	30 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (1-9)	927.98	
02 86 00 00-0046	EA	55 Gallon Stainless Steel DOT 5C Ch Seamless Drum 16-Gauge (50+)	1,412.93	
02 86 00 00-0047	EA	UN 1A2/X 160/S 30 Gallon, Open, 18 Gauge, Steel Drum	94.88	
02 86 00 00-0048	EA	55 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (1-9)	1,508.72	
02 86 00 00-0049	EA	30 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (10-24)	892.06	
02 86 00 00-0050	EA	55 Gallon Stainless Steel DOT 5C Oh 16-Gauge Drum (25-49)	1,278.22	
02 86 00 00-0051	EA	30 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (25-49)	853.14	
02 86 00 00-0052	EA	55 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (10-24)	1,472.80	
02 86 00 00-0053	EA	UN 1A2/Y 1.4/100 30 Gallon, Open, 18 Gauge, Steel Drum	80.65	
02 86 00 00-0054	EA	55 Gallon Stainless Steel DOT 5C Oh 16-Gauge Drum (50+)	1,212.36	
02 86 00 00-0055	EA	55 Gallon Reconditioned Steel 17h Drum (1-9)	137.65	
02 86 00 00-0056	EA	30 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (50+)	823.21	
02 86 00 00-0057	EA	55 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (25-49)	1,445.85	
02 86 00 00-0058	EA	30 Gallon, 17E, Open, Steel Drum	58.51	
02 86 00 00-0059	EA	55 Gallon Reconditioned Steel 17h Drum (10-24)	122.00	
02 86 00 00-0060	EA	20 Gallon, 17C, Open, Steel Drum	82.23	
02 86 00 00-0061	EA	55 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (50+)	1,302.17	
02 86 00 00-0062	EA	55 Gallon Stainless Steel DOT 5C Seamless Oh Drum 16-Gauge (1-9)	1,559.61	
02 86 00 00-0063	EA	55 Gallon Stainless Steel DOT 17E Ch 18-Gauge Drum (1-9)	1,140.52	
02 86 00 00-0064	EA	55 Gallon Reconditioned Steel 17h Drum (25-49)	106.36	
02 86 00 00-0065	EA	55 Gallon Stainless Steel DOT 5C Seamless Oh Drum 16-Gauge (10-24)	1,529.67	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 86 00 00-0066	EA	20 Gallon, 17E, Open, Steel Drum	55.35	

02 86 00 00-0067 Plastic Drums *(02 86 00 00-0001)*

02 86 00 00-0068 Polyethylene Closed Head Drums *(02 86 00 00-0067)*

Note: Closed head drums have standard NPS (National Pipe Standard) plug and drain vents. Primarily for liquids.

02 86 00 00-0069	EA	55 Gallon Polyethylene Closed Head Drums	85.08	
02 86 00 00-0070	EA	35 Gallon Polyethylene Closed Head Drums	65.31	
02 86 00 00-0071	EA	30 Gallon Polyethylene Closed Head Drums	59.30	
02 86 00 00-0072	EA	20 Gallon Polyethylene Closed Head Drums	41.43	
02 86 00 00-0073	EA	15 Gallon Polyethylene Closed Head Drums	40.64	

02 86 00 00-0074 Polyethylene Open Head Drums *(02 86 00 00-0067)*

Note: Open head drums are primarily used for solids and sludge.

02 86 00 00-0075	EA	55 Gallon Polyethylene Open Head Drums	107.53	
02 86 00 00-0076	EA	35 Gallon Polyethylene Open Head Drums	79.07	
02 86 00 00-0077	EA	30 Gallon Polyethylene Open Head Drums	75.11	
02 86 00 00-0078	EA	20 Gallon Polyethylene Open Head Drums	55.35	
02 86 00 00-0079	EA	15 Gallon Polyethylene Open Head Drums	47.44	

02 86 00 00-0080 Fiber Drums *(02 86 00 00-0001)*

02 86 00 00-0081 Steel Top/Fiber Bottom Drums, Hazardous *(02 86 00 00-0080)*

Note: Waste fiber drums have tubular rubber gaskets and caulked bottom seams.

02 86 00 00-0082	EA	30 Gallon Fiber Drum DOT-21C (1-9)	65.15	
02 86 00 00-0083	EA	30 Gallon Fiber Drum DOT-21C (10-24)	61.04	
02 86 00 00-0084	EA	30 Gallon Fiber Drum DOT-21C (25-49)	55.66	
02 86 00 00-0085	EA	30 Gallon Fiber Drum DOT-21C (50+)	55.03	
02 86 00 00-0086	EA	55 Gallon Fiber Drum DOT-21C (1-9)	67.05	
02 86 00 00-0087	EA	55 Gallon Fiber Drum DOT-21C (10-24)	63.25	
02 86 00 00-0088	EA	55 Gallon Fiber Drum DOT-21C (25-49)	58.51	
02 86 00 00-0089	EA	55 Gallon Fiber Drum DOT-21C (50-99)	56.61	
02 86 00 00-0090	EA	55 Gallon Fiber Drum DOT-21C (100+)	49.02	
02 86 00 00-0091	EA	10 Gallon, 20" Diameter, DOT 21C-250 Polyethylene/Polyester Lined	41.75	
02 86 00 00-0092	EA	20 Gallon, 20" Diameter, DOT 21C-250 Polyethylene/Polyester Lined	45.54	
02 86 00 00-0093	EA	20 Gallon, 23" Diameter, DOT 21C-250 Polyethylene/Polyester Lined	53.13	

02 86 00 00-0094 Loading Hazardous Waste For Shipment *(02 86 00 00-0001)*

02 86 00 00-0095	EA	Load Drums On Disposal Truck	12.14	
02 86 00 00-0096	EA	Load Liquid Or Sludge Into 5,000 Gallon Bulk Tank Truck	1,293.61	

02 86 00 00-0097 Transport Drums To Landfill *(02 86 00 00-0001)*

Note: Includes transportation for up to 25 miles.

02 86 00 00-0098	EA	Transport Drum To Landfill Note: Includes transportation for up to 25 miles.	102.29	

02 87 Bio-Hazard Material Remediation *(02 80)*

02 87 13 Mold Remediation *(02 87)*

Note: All unit pricing in this section includes: materials, equipment, mobilization, preparation, removal, clean-up, vacuuming, transportation for up to 25 miles, disposal, monitoring (personnel and air), sampling/testing, fees, documentation and other associated costs necessary for the complete removal and disposal of mold in accordance with EPA, OSHA, IICRC standards and local regulations. Where types of Mold are listed by quantity, the quantity of the entire project, not a particular work area of building, is to be used in determining which tasks apply. For certain types of work, there is a task with a unit of measure of SET for a quantity of less than 100 LF or SF (Up to 25 LF for Mold Abatement pipe insulation), followed by a series of tasks for other quantities. For those tasks the contractor will be paid the first task with a unit of measure of EA, plus an additional task to arrive at the appropriate quantity for the project. See CSI section 01 56 16 00-0023 for temporary stud walls, 01 74 19 00-0040 for hauling in excess of 25 miles to transfer or disposal site, 02 89 00 00-0008 for plastic sheeting for containment construction, 02 89 00 00-0020 for decontamination chambers.

02 87 13 33 Removal and Disposal of Materials with Mold *(02 87 13)*

02 87 13 33-0001 Pipe And Pipe Fittings Insulation, Mold Abatement And Disposal *(02 87 13 33)*

Note: Treat fittings as additional lf of insulation.

02 87 13 33-0002 Pipe Insulation, Mold Abatement And Disposal *(02 87 13 33-0001)*

Note: Diameter is outer size of insulation.

02 87 13 33-0003 Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal *(02 87 13 33-0002)*

Note: Excludes encased fittings.

02 87 13 33-0004	SET	Up To 20 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal	924.49	
02 87 13 33-0005	LF	>20 To 250 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal	35.90	
02 87 13 33-0006	LF	>250 To 500 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal	27.09	
02 87 13 33-0007	LF	>500 To 2,500 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal	20.49	
02 87 13 33-0008	LF	>2,500 To 10,000 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal	15.53	
02 87 13 33-0009	LF	>10,000 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal	13.60	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 13 33-0010		>6" Diameter Pipe Insulation, Mold Abatement And Disposal *(02 87 13 33-0002)*		
02 87 13 33-0011	SET	Up To 20 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal	964.58	
02 87 13 33-0012	LF	>20 To 250 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal	43.18	
02 87 13 33-0013	LF	>250 To 500 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal	33.06	
02 87 13 33-0014	LF	>500 To 2,500 LF, > 6" Diameter Pipe Insulation, Mold Abatement And Disposal	25.46	
02 87 13 33-0015	LF	>2,500 To 10,000 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal	19.76	
02 87 13 33-0016	LF	>10,000 LF, > 6" Diameter Pipe Insulation, Mold Abatement And Disposal	17.54	
02 87 13 33-0017		Thermal Insulation, Mold Abatement And Disposal *(02 87 13 33)*		
02 87 13 33-0018		Other Thermal Insulation, Up To 3" Thick, Mold Abatement And Disposal *(02 87 13 33-0017)*		
02 87 13 33-0019	SET	Up To 50 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal	944.53	
02 87 13 33-0020	SF	>50 To 500 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal	20.92	
02 87 13 33-0021	SF	>500 To 2,500 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal	15.85	
02 87 13 33-0022	SF	>2,500 To 10,000 SF, Up To 3" Thick Other Thermal Insulation, Mold Abatement And Disposal	12.06	
02 87 13 33-0023	SF	>10,000 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal	9.40	
02 87 13 33-0024		Surfacing Material, Mold Abatement And Disposal *(02 87 13 33)* Note: e.g. fireproofing, acoustical plaster, etc.		
02 87 13 33-0025		Stucco, Mold Abatement And Disposal *(02 87 13 33-0024)* Note: Remove surface coat from brown coat or remove entire assembly, including lath.		
02 87 13 33-0026	SET	Up To 50 SF, Stucco, Mold Abatement And Disposal	933.40	
02 87 13 33-0027	SF	>50 To 500 SF, Stucco, Mold Abatement And Disposal	20.70	
02 87 13 33-0028	SF	>500 To 2,500 SF, Stucco, Mold Abatement And Disposal	15.63	
02 87 13 33-0029	SF	>2,500 To 10,000 SF, Stucco, Mold Abatement And Disposal	11.84	
02 87 13 33-0030	SF	>10,000 SF, Stucco, Mold Abatement And Disposal	9.01	
02 87 13 33-0031		Acoustical Plaster, Mold Abatement And Disposal *(02 87 13 33-0024)* Note: Remove surface coat from brown coat or remove entire assembly, including lath.		
02 87 13 33-0032	SET	Up To 50 SF, Acoustical Plaster, Mold Abatement And Disposal	933.40	
02 87 13 33-0033	SF	>50 To 500 SF, Acoustical Plaster, Mold Abatement And Disposal	20.70	
02 87 13 33-0034	SF	>500 To 2,500 SF, Acoustical Plaster, Mold Abatement And Disposal	15.63	
02 87 13 33-0035	SF	>2,500 To 10,000 SF, Acoustical Plaster, Mold Abatement And Disposal	11.84	
02 87 13 33-0036	SF	>10,000 SF, Acoustical Plaster, Mold Abatement And Disposal	9.01	
02 87 13 33-0037		Gypsum Board, Mold Abatement And Disposal *(02 87 13 33-0024)*		
02 87 13 33-0038	SET	Up To 100 SF, Gypsum Board, Mold Abatement And Disposal	955.68	
02 87 13 33-0039	SF	>100 To 500 SF, Gypsum Board, Mold Abatement And Disposal	7.00	
02 87 13 33-0040	SF	>500 To 2,500 SF, Gypsum Board, Mold Abatement And Disposal	5.58	
02 87 13 33-0041	SF	>2,500 To 10,000 SF, Gypsum Board, Mold Abatement And Disposal	4.43	
02 87 13 33-0042	SF	>10,000 SF, Gypsum Board, Mold Abatement And Disposal	3.30	
02 87 13 33-0043		Fireproofing, Mold Abatement And Disposal *(02 87 13 33-0024)* Note: Exposed surface area, includes associated overspray.		
02 87 13 33-0044	SET	Up To 50 SF, Fireproofing, Mold Abatement And Disposal	944.53	
02 87 13 33-0045	SF	>50 To 500 SF, Fireproofing, Mold Abatement And Disposal	28.57	
02 87 13 33-0046	SF	>500 To 2,500 SF, Fireproofing, Mold Abatement And Disposal	21.63	
02 87 13 33-0047	SF	>2,500 To 10,000 SF, Fireproofing, Mold Abatement And Disposal	16.38	
02 87 13 33-0048	SF	>10,000 SF, Fireproofing, Mold Abatement And Disposal	12.45	
02 87 13 33-0049		Flooring, Mold Abatement And Disposal *(02 87 13 33)* Note: Includes cove base.		
02 87 13 33-0050		Floor Tile Or Linoleum, Mold Abatement And Disposal *(02 87 13 33-0049)*		
02 87 13 33-0051		Floor Tile Or Linoleum, Mold Abatement And Disposal *(02 87 13 33-0050)* Note: Single layer or first of multiple layers.		
02 87 13 33-0052	SET	Up To 100 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal	955.68	
02 87 13 33-0053	SF	>100 To 500 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal	6.96	
		For Each Additional Layer, Add	*1.74*	
02 87 13 33-0054	SF	>500 To 2,500 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal	3.96	
		For Each Additional Layer, Add	*0.99*	
02 87 13 33-0055	SF	>2,500 To 10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal	2.35	
		For Each Additional Layer, Add	*0.59*	
02 87 13 33-0056	SF	>10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal	1.85	
		For Each Additional Layer, Add	*0.46*	
02 87 13 33-0057		Carpet, Mold Abatement And Disposal *(02 87 13 33-0049)*		
02 87 13 33-0058		Carpet, Glue Down, Mold Abatement And Disposal *(02 87 13 33-0057)*		
02 87 13 33-0059	SET	Up To 100 SF, Carpet, Glue Down, Mold Abatement And Disposal	955.68	
02 87 13 33-0060	SF	>100 To 500 SF, Carpet, Glue Down, Mold Abatement And Disposal	5.81	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 13 33-0061	SF	>500 To 2,500 SF, Carpet, Glue Down, Mold Abatement And Disposal	3.70	
02 87 13 33-0062	SF	>2,500 To 10,000 SF, Carpet, Glue Down, Mold Abatement And Disposal	2.52	
02 87 13 33-0063	SF	>10,000 SF, Carpet, Glue Down, Mold Abatement And Disposal	1.97	
02 87 13 33-0064		Carpet, Padded With Tack Strips, Mold Abatement And Disposal *(02 87 13 33-0057)*		
02 87 13 33-0065	SET	Up To 100 SF, Carpet And Pad, Mold Abatement And Disposal Note: Includes tack strips.	955.68	
02 87 13 33-0066	SF	>100 To 500 SF, Carpet And Pad, Mold Abatement And Disposal Note: Includes tack strips.	6.52	
02 87 13 33-0067	SF	>500 To 2,500 SF, Carpet And Pad, Mold Abatement And Disposal Note: Includes tack strips.	4.78	
02 87 13 33-0068	SF	>2,500 To 10,000 SF, Carpet And Pad, Mold Abatement And Disposal Note: Includes tack strips.	3.82	
02 87 13 33-0069	SF	>10,000 SF, Carpet And Pad, Mold Abatement And Disposal Note: Includes tack strips.	2.98	
02 87 13 33-0070		Subflooring, Mold Abatement And Disposal *(02 87 13 33-0049)*		
02 87 13 33-0071	SET	Up To 75 SF, Subflooring, Mold Abatement And Disposal	944.53	
02 87 13 33-0072	SF	>75 To 500 SF, Subflooring, Mold Abatement And Disposal	7.98	
02 87 13 33-0073	SF	>500 To 2,500 SF, Subflooring, Mold Abatement And Disposal	5.17	
02 87 13 33-0074	SF	>2,500 To 10,000 SF, Subflooring, Mold Abatement And Disposal	3.17	
02 87 13 33-0075	SF	>10,000 SF, Subflooring, Mold Abatement And Disposal	2.08	
02 87 13 33-0076		Siding, Mold Abatement And Disposal *(02 87 13 33)*		
02 87 13 33-0077		Interior Paneling, Mold Abatement And Disposal *(02 87 13 33-0076)* Note: Includes detachment of mounted objects before removal.		
02 87 13 33-0078	SET	Up To 100 SF, Interior Paneling, Mold Abatement And Disposal Note: Includes detachment of mounted objects before removal.	955.68	
02 87 13 33-0079	SF	>100 To 500 SF, Interior Paneling, Mold Abatement And Disposal Note: Includes detachment of mounted objects before removal.	6.93	
02 87 13 33-0080	SF	>500 To 2,500 SF, Interior Paneling, Mold Abatement And Disposal Note: Includes detachment of mounted objects before removal.	4.91	
02 87 13 33-0081	SF	>2,500 To 10,000 SF, Interior Paneling, Mold Abatement And Disposal Note: Includes detachment of mounted objects before removal.	2.93	
02 87 13 33-0082	SF	>10,000 SF, Interior Paneling, Mold Abatement And Disposal Note: Includes detachment of mounted objects before removal.	2.27	
02 87 13 33-0083		Exterior Siding, Mold Abatement And Disposal *(02 87 13 33-0076)*		
02 87 13 33-0084	SET	Up To 100 SF, Exterior Siding Board, Mold Abatement And Disposal	955.68	
02 87 13 33-0085	SF	>100 To 500 SF, Exterior Siding Board, Mold Abatement And Disposal	8.59	
02 87 13 33-0086	SF	>500 To 2,500 SF, Exterior Siding Board, Mold Abatement And Disposal	6.00	
02 87 13 33-0087	SF	>2,500 To 10,000 SF, Exterior Siding Board, Mold Abatement And Disposal	4.10	
02 87 13 33-0088	SF	>10,000 SF, Exterior Siding Board, Mold Abatement And Disposal	3.70	
02 87 13 33-0089		Contaminated Debris, Mold Abatement And Disposal *(02 87 13 33)*		
02 87 13 33-0090		Contaminated Debris, Mold Abatement And Disposal *(02 87 13 33-0089)*		
02 87 13 33-0091	SET	Up To 20 CF, Contaminated Debris, Mold Abatement And Disposal	964.58	
02 87 13 33-0092	CF	>20 To 100 CF, Contaminated Debris, Mold Abatement And Disposal	34.18	
02 87 13 33-0093	CF	>100 To 250 CF, Contaminated Debris, Mold Abatement And Disposal	23.68	
02 87 13 33-0094	CF	>250 To 500 CF, Contaminated Debris, Mold Abatement And Disposal	18.43	
02 87 13 33-0095	CF	>500 To 2,500 CF, Contaminated Debris, Mold Abatement And Disposal	15.28	
02 87 13 33-0096	CF	>2,500 To 10,000 CF, Contaminated Debris, Mold Abatement And Disposal	9.56	
02 87 13 33-0097	CF	>10,000 CF, Contaminated Debris, Mold Abatement And Disposal	8.86	
02 87 13 33-0098		Other Mold Containing Materials, Mold Abatement And Disposal *(02 87 13 33)*		
02 87 13 33-0099		Wood Studs, Mold Abatement And Disposal *(02 87 13 33-0098)* Note: 2" x 4" or 2" x 6" exposed studs in walls. Excludes surfacing material.		
02 87 13 33-0100	SET	Up To 100 LF, Wood Studs, Mold Abatement And Disposal	477.83	
02 87 13 33-0101	LF	>100 To 500 LF, Wood Studs, Mold Abatement And Disposal	3.89	
02 87 13 33-0102	LF	>500 To 2,500 LF, Wood Studs, Mold Abatement And Disposal	2.91	
02 87 13 33-0103	LF	>2,500 To 10,000 LF, Wood Studs, Mold Abatement And Disposal	2.29	
02 87 13 33-0104	LF	>10,000 LF, Wood Studs, Mold Abatement And Disposal	1.75	
02 87 13 33-0105		Ceiling Tile, Mold Abatement And Disposal *(02 87 13 33-0098)* Note: e.g. grid, spline, or glued on; 12" x 12" to 2' x 4'.		
02 87 13 33-0106	SET	Up To 100 SF, Ceiling Tile, Mold Abatement And Disposal	955.68	
02 87 13 33-0107	SF	>100 To 1,000 SF, Ceiling Tile, Mold Abatement And Disposal	11.84	
02 87 13 33-0108	SF	>1,000 To 2,500 SF, Ceiling Tile, Mold Abatement And Disposal	5.64	
02 87 13 33-0109	SF	>2,500 To 10,000 SF, Ceiling Tile, Mold Abatement And Disposal	4.10	
02 87 13 33-0110	SF	>10,000 To 25,000 SF, Ceiling Tile, Mold Abatement And Disposal	4.04	
02 87 13 33-0111	SF	>25,000 To 50,000 SF, Ceiling Tile, Mold Abatement And Disposal	3.96	
02 87 13 33-0112	SF	>50,000 To 100,000 SF, Ceiling Tile, Mold Abatement And Disposal	3.49	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 13 33-0113	SF	>100,000 SF, Ceiling Tile, Mold Abatement And Disposal	3.06	

02 87 13 33-0114 Caulking, Mold Abatement And Disposal *(02 87 13 33-0098)*

02 87 13 33-0115	SET	Up To 20 LF, Caulking, Mold Abatement And Disposal	228.52	
02 87 13 33-0116	LF	>20 To 50 LF, Caulking, Mold Abatement And Disposal	4.60	
02 87 13 33-0117	LF	>50 To 100 LF, Caulking, Mold Abatement And Disposal	3.29	
02 87 13 33-0118	LF	>100 To 250 LF, Caulking, Mold Abatement And Disposal	2.50	
02 87 13 33-0119	LF	>250 To 1,000 LF, Caulking, Mold Abatement And Disposal	1.86	
02 87 13 33-0120	LF	>1,000 To 2,500 LF, Caulking, Mold Abatement And Disposal	1.51	
02 87 13 33-0121	LF	>2,500 LF, Caulking, Mold Abatement And Disposal	1.30	

02 87 13 33-0122 Wipe Down Walls, Ceilings And Floors *(02 87 13 33-0098)*

02 87 13 33-0123	CSF	Wipe Down Floors With Mild Bleach Solution	25.31	
		For >25 To 50, Deduct	*-2.53*	
		For >50 To 200, Deduct	*-6.33*	
		For >200, Deduct	*-10.12*	
02 87 13 33-0124	CSF	Wipe Down Walls With Mild Bleach Solution	29.79	
		For >25 To 50, Deduct	*-2.98*	
		For >50 To 200, Deduct	*-7.45*	
		For >200, Deduct	*-11.91*	
02 87 13 33-0125	CSF	Wipe Down Ceilings With Mild Bleach Solution	33.88	
		For >25 To 50, Deduct	*-3.39*	
		For >50 To 200, Deduct	*-8.47*	
		For >200, Deduct	*-13.55*	
02 87 13 33-0126	CSF	Wipe Down Countertops With Mild Bleach Solution	27.62	
		For >25 To 50, Deduct	*-2.76*	
02 87 13 33-0127	CSF	Wipe Down Other Surfaces With Mild Bleach Solution	35.05	
		For >25 To 50, Deduct	*-3.50*	
		For >50 To 200, Deduct	*-8.76*	
		For >200, Deduct	*-14.02*	

02 87 13 33-0128 Cabinets *(02 87 13 33-0098)*

02 87 13 33-0129	SET	Up To 10 LF, Base Cabinet, Mold Abatement And Disposal	1,045.83	
02 87 13 33-0130	LF	>10 To 20 LF, Base Cabinet, Mold Abatement And Disposal	110.11	
02 87 13 33-0131	LF	>20 LF, Base Cabinet, Mold Abatement And Disposal	82.45	
02 87 13 33-0132	SET	Up To 10 LF, Wall Cabinet, Mold Abatement And Disposal	965.64	
02 87 13 33-0133	LF	>10 To 20 LF, Wall Cabinet, Mold Abatement And Disposal	91.03	
02 87 13 33-0134	LF	>20 LF, Wall Cabinet, Mold Abatement And Disposal	63.36	

02 87 16 Excrement Removal *(02 87)*

Note: Includes materials, equipment, mobilization, preparation, critical barriers (e.g. electrical outlets, registers, windows, etc.), signage, removal, clean-up, vacuuming, disposal, personnel health monitoring, documentation and other associated costs necessary for the complete removal and disposal of the contaminated material in accordance with EPA and local regulations. The quantity of the entire project, not a particular work area, is to be used in determining which tasks apply. There is a task with a unit of measure of EA for a quantity of less than 10 SF, followed by a series of tasks for additional quantities. For those tasks, the contractor will be paid the first task with a unit of measure of EA, plus each additional task in sequence to arrive at the total quantity for the entire project, not a particular work area.

02 87 16 13 Bird Excrement Removal *(02 87 16)*

02 87 16 13-0001 Bird Waste Removal *(02 87 16 13)*

Note: In addition to items listed the Bio-Hazard Material Remediation note above, includes wetting agents and disinfection of contaminated surfaces.

02 87 16 13-0002	EA	Up To 10 SF Bird Waste Removal, Up To 3" Thickness	911.12	
		For Work In Restricted Working Space, Add	*273.34*	
02 87 16 13-0003	SF	>10 To 500 SF Bird Waste Removal, Up To 3" Thickness	15.18	
		For Work In Restricted Working Space, Add	*4.55*	
02 87 16 13-0004	SF	>500 To 2,500 SF Bird Waste Removal, Up To 3" Thickness	13.81	
		For Work In Restricted Working Space, Add	*4.14*	
02 87 16 13-0005	SF	>2,500 To 10,000 SF Bird Waste Removal, Up To 3" Thickness	12.55	
		For Work In Restricted Working Space, Add	*3.77*	
02 87 16 13-0006	SF	>10,000 SF Bird Waste Removal, Up To 3" Thickness	11.41	
		For Work In Restricted Working Space, Add	*3.42*	

02 87 19 Bio-Hazard and Infectious Disease Control Remediation *(02 87)*

02 87 19 00-0001 Barriers For Bio-Hazard And Infectious Disease Control *(02 87 19)*

02 87 19 00-0002 Adjustable Barrier Panel System For Bio-Hazard And Infectious Disease Control *(02 87 19 00-0001)*

Note: Panels are opal or transparent. Includes self-leveling floor channel, 1/4" foam gasket to conform to ceiling, edge gaskets, grid clips, and cam locks.

02 87 19 00-0003	EA	4' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4000)	722.69	
02 87 19 00-0004	EA	3' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4001)	686.38	
02 87 19 00-0005	EA	2' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4002)	541.12	
02 87 19 00-0006	EA	2' Wide x 7'-8" To 10' High With High Efficiency Particulate Air (HEPA) Filtered Air Discharge Port, Fire Rated Containment Panel Assembly (Edge Guard 4002.1)	625.85	
02 87 19 00-0007	EA	4' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly With 44" Door (Edge Guard 4003)	1,225.05	
		Note: Includes a hydraulic closer and a lever style lockset standard.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 19 00-0008	EA	7'-8" To 10' High, Hinged Corner Assembly (Edge Guard 4004)	247.07	
02 87 19 00-0009	EA	6" Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4005)	331.08	
02 87 19 00-0010	EA	12" Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4006)	355.29	
02 87 19 00-0011	EA	7'-8" To 10' High, Outside Corner Post (Edge Guard 4007)	204.71	
02 87 19 00-0012	EA	4'-4" Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly With 48" Door (Edge Guard 4008) Note: Includes a hydraulic closer and a lever style lockset standard.	1,467.15	
02 87 19 00-0013	EA	7'-8" To 10' High, "T" Post Corner Assembly (Edge Guard 4009)	204.71	
02 87 19 00-0014	EA	3' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly With 32" Door (Edge Guard 4010) Note: Includes a hydraulic closer and a lever style lockset standard.	1,104.00	
02 87 19 00-0015	EA	Closure Strips (Edge Guard 3003) Note: To seal panels to existing walls	14.77	
02 87 19 00-0016	EA	Digital Differential Pressure Gauge Kit (Edge Guard 3005)	338.67	
02 87 19 00-0017		Temporary Sheeting For Bio-Hazard And Infectious Disease Control *(02 87 19 00-0001)* Note: Includes removal and disposal in approved landfill after use.		
02 87 19 00-0018	SF	6 Mil Plastic Sheeting, Applied To Floors, For Bio-Hazard And Infectious Disease Control	0.58	
02 87 19 00-0019	SF	6 Mil Plastic Sheeting, Applied To Walls, For Bio-Hazard And Infectious Disease Control	0.76	
02 87 19 00-0020	SF	6 Mil Plastic Sheeting, Applied To Ceilings, For Bio-Hazard And Infectious Disease Control	1.02	
02 87 19 00-0021	SF	6 Mil Plastic Fire Retardant, Anti-static Sheeting, Applied To Floors, For Bio-Hazard And Infectious Disease Control	0.70	
02 87 19 00-0022	SF	6 Mil Plastic Fire Retardant, Anti-static Retardant Sheeting, Applied To Walls, For Bio-Hazard And Infectious Disease Control	0.88	
02 87 19 00-0023	SF	6 Mil Plastic Fire Retardant, Anti-static Retardant Sheeting, Applied To Ceilings, For Bio-Hazard And Infectious Disease Control	1.14	
02 87 19 00-0024		Temporary Floor Protection For Bio-Hazard And Infectious Disease Control *(02 87 19 00-0001)* Note: Includes removal after use.		
02 87 19 00-0025	SF	1/8" Thick, Masonite Temporary Floor Protection For Bio-Hazard And Infectious Disease Control	1.85	
02 87 19 00-0026	SF	1/2" Thick, Plywood Temporary Floor Protection For Bio-Hazard And Infectious Disease Control	1.87	
02 87 19 00-0027	SF	3/4" Thick, Plywood Temporary Floor Protection For Bio-Hazard And Infectious Disease Control	2.21	
02 87 19 00-0028		Temporary Stud Wall For Bio-Hazard And Infectious Disease Control *(02 87 19 00-0001)* Note: Includes removal after use.		
02 87 19 00-0029	SF	1/2" Gypsum Board On One Side, Temporary Wood Stud Wall For Bio-Hazard And Infectious Disease Control	6.39	
02 87 19 00-0030	SF	1/2" Gypsum Board On Both Sides, Temporary Wood Stud Wall For Bio-Hazard And Infectious Disease Control	8.91	
02 87 19 00-0031	SF	5/8" Type Fire Rated Gypsum Board On One Side, Temporary Wood Stud Wall For Bio-Hazard And Infectious Disease Control	6.58	
02 87 19 00-0032	SF	5/8" Type Fire Rated Gypsum Board On Both Sides, Temporary Wood Stud Wall For Bio-Hazard And Infectious Disease Control	9.29	
02 87 19 00-0033	SF	6 Mil, Fire Retardant, Plastic Sheeting On One Side, Temporary Wood Stud Wall For Bio-Hazard And Infectious Disease Control	3.69	
02 87 19 00-0034		Isolation Barriers For Bio-Hazard And Infectious Disease Control *(02 87 19 00-0001)*		
02 87 19 00-0035	GSF	Tent Construction Utilizing Two Layers Of 6 Mil Fire Rated Plastic Sheeting For Bio-Hazard And Infectious Disease Control Note: Includes support frame of 2x4s or PVC piping (ground SF) up to 6' to construct stand-alone tents (floor, walls and ceiling) with airlock.	24.37	
02 87 19 00-0036	GSF	Relocate Tent Construction To Different Area	2.89	
02 87 19 00-0037		Plexiglass Barriers For Bio-Hazard And Infectious Disease Control *(02 87 19 00-0001)*		
02 87 19 00-0038	SF	3/8" Thick, Clear Acrylic Glazing (Plexiglas) For Bio-Hazard And Infectious Disease Control	20.98	
02 87 19 00-0039	SF	1/2" Thick, Clear Acrylic Glazing (Plexiglas) For Bio-Hazard And Infectious Disease Control	24.71	
02 87 19 00-0040	SF	3/4" Thick, Clear Acrylic Glazing (Plexiglas) For Bio-Hazard And Infectious Disease Control	34.70	
02 87 19 00-0041	PR	Install Pair Of 8" Diameter Glove Iris Port In Barrier For Bio-Hazard And Infectious Disease Control Note: Excludes gloves.	1,516.92	
02 87 19 00-0042	PR	Pair Of 8" Diameter Economy Sleeved Gloves With Clamping Ring For Bio-Hazard And Infectious Disease Control Note: For installation in glove iris port.	543.98	
02 87 19 00-0043	PR	Pair Of 8" Diameter Bellows Type Gloves With Clamping Ring For Bio-Hazard And Infectious Disease Control Note: For installation in glove iris port.	869.44	
02 87 19 00-0044	EA	5-5/16" Diameter, Satin Anodized Aluminum, No-Draft Speak-Thru In Barrier For Bio-Hazard And Infectious Disease Note: Includes gaskets and mounting screws for installation on glass from 1/4" (6 mm) to 1/2" (12 mm) thick. Require a minimum hole diameter of 2-1/4" (57 mm), and will cover holes up to 4-1/4" (108 mm). Recommended hole diameter is 3-1/2" (89 mm).	154.78	
02 87 19 00-0045		Temporary Portable And Mobile Trailers *(02 87 19)*		
02 87 19 00-0046		Trailer Delivery *(02 87 19 00-0045)*		
02 87 19 00-0047	EA	Deliver Trailer Within 25 Miles	1,287.03	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 19 00-0048		**Portable And Mobile Trailers, Purchase** *(02 87 19 00-0045)* Note: Includes cost to set-up, underpin, tie-downs, HVAC unit, lights, outlets, & phone jacks. Trailers shall have a 12' x 12' office area and 6' x 8' bathroom with sink, mirror, and water closet. Minimum of two pedestrian doors and a tinted/insulated 3' x 4' single hung window per 20 SF of wall area. Excludes connection of utilities.		
02 87 19 00-0049	EA	8' x 24' Mobile Trailer With Toilet, Purchase	13,405.52	
		For Tie-Downs, Add	*133.31*	
02 87 19 00-0050	EA	8' x 32' Mobile Trailer With Toilet, Purchase	18,938.20	
		For Tie-Downs, Add	*133.31*	
02 87 19 00-0051	EA	10' x 36' Mobile Trailer With Toilet, Purchase	27,021.99	
		For Tie-Downs, Add	*133.31*	
02 87 19 00-0052	EA	10' x 44' Mobile Trailer With Toilet, Purchase	33,767.02	
		For Tie-Downs, Add	*133.31*	
02 87 19 00-0053	EA	10' x 50' Mobile Trailer With Toilet, Purchase	38,389.99	
		For Tie-Downs, Add	*133.31*	
02 87 19 00-0054	EA	12' x 50' Mobile Trailer With Toilet, Purchase	40,358.40	
		For Tie-Downs, Add	*133.31*	
02 87 19 00-0055	EA	12' x 60' Mobile Trailer With Toilet, Purchase	44,906.71	
		For Tie-Downs, Add	*133.31*	
02 87 19 00-0056		**Accessories For Portable And Mobile Trailers** *(02 87 19 00-0045)*		
02 87 19 00-0057		**Skirting** *(02 87 19 00-0056)* Note: Includes 2" x 4" wood framing 16" on center.		
02 87 19 00-0058	SF	1'-8" High Vinyl Covered Skirt	5.37	1.95
02 87 19 00-0059	SF	3' High Vinyl Covered Skirt	7.84	3.21
02 87 19 00-0060		**Aluminum Modular Access Ramp** *(02 87 19 00-0056)* Note: Includes picketed guardrails, inside grab rails, legs and hardware.		
02 87 19 00-0061	EA	Up To 35" High, Aluminum Modular Access Ramp	3,910.74	37.28
02 87 19 00-0062		**Aluminum Modular Stairs** *(02 87 19 00-0056)* Note: Excludes earthwork		
02 87 19 00-0063	EA	Aluminum Steps For Mobile Trailers	1,079.92	
02 87 19 00-0064		**Decontamination Chambers For Bio-Hazard And Infectious Disease Control** *(02 87 19)* Note: Includes removal after use.		
02 87 19 00-0065	EA	Portable Personnel Decontamination Wash Facility (3 Stage) For Bio-Hazard And Infectious Disease Control Note: Includes connection to negative air system.	1,020.19	
02 87 19 00-0066	EA	Portable Personnel Decontamination Wash Facility (5 Stage) For Bio-Hazard And Infectious Disease Control Note: Includes connection to negative air system.	1,201.92	
02 87 19 00-0067	EA	Portable Waste Decontamination Unit For Bio-Hazard And Infectious Disease Control Note: Includes connection to negative air system.	618.54	
02 87 19 00-0068		**Bio-Hazard And Infectious Disease Control Cleaning, Level 2** *(02 87 19)* Note: Includes worker personal protection equipment suites, gloves and masks. Level 1 Biohazard - Minor bacteria and viruses as well as non-infectious bacteria. Microbes are not known to cause disease in healthy hosts and pose minimal risk to workers and the environment. Level 2 Biohazard - Bacteria and viruses that cause mild disease or are difficult to contract. Microbes are typically indigenous and are associated with diseases of varying severity. They pose moderate risk to workers and the environment. Level 3 Biohazard - Microbes are indigenous or exotic and cause serious or potential lethal diseases through respiratory transmission. Disposal of materials used to wipe down surfaces in approved landfill after use. See CSI section 02 87 19 00-0138 for disposal of material into approved landfill.		
02 87 19 00-0069		**Bio-Hazard And Infectious Disease Control Cleaning Mobilization** *(02 87 19 00-0068)*		
02 87 19 00-0070	EA	Bio-Hazard And Infectious Disease Control Mobilization And Set-Up Note: Mobilization and set-up minimum for each site location, for levels 1, 2 or 3.	378.79	
02 87 19 00-0071		**Bio-Hazard And Infectious Disease Control Cleaning Of Surfaces** *(02 87 19 00-0068)* Note: Includes electrostatic spraying of surfaces with mild bleach, wet mop/wipe, disinfect and high efficiency particulate air (HEPA) vacuum surfaces		
02 87 19 00-0072	CSF	Cleaning Of Floors For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	28.07	
		For >25 To 50, Deduct	*-2.81*	
		For >50 To 200, Deduct	*-5.61*	
		For >200, Deduct	*-8.42*	
		For Cleaning Surfaces With Goldshield® GS5, Add	*14.99*	
		For Level 1 Biohazard Cleaning, Deduct	*-5.61*	
		For Level 3 Biohazard Cleaning, Add	*9.26*	
02 87 19 00-0073	CSF	Cleaning Of Walls For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	33.03	
		For >25 To 50, Deduct	*-3.30*	
		For >50 To 200, Deduct	*-6.60*	
		For >200, Deduct	*-9.90*	
		For Cleaning Surfaces With Goldshield® GS5, Add	*14.99*	
		For Level 1 Biohazard Cleaning, Deduct	*-6.60*	
		For Level 3 Biohazard Cleaning, Add	*10.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 19 00-0074	CSF	Cleaning Of Ceilings For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	37.57	
		For >25 To 50, Deduct	*-3.76*	
		For >50 To 200, Deduct	*-7.51*	
		For >200, Deduct	*-11.27*	
		For Cleaning Surfaces With Goldshield® GS5, Add	*14.99*	
		For Level 1 Biohazard Cleaning, Deduct	*-7.51*	
		For Level 3 Biohazard Cleaning, Add	*12.39*	
02 87 19 00-0075	CSF	Cleaning Of Countertops For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	30.63	
		For Cleaning Surfaces With Goldshield® GS5, Add	*14.99*	
		For >5 To 10, Deduct	*-1.53*	
		For >10 To 50, Deduct	*-3.06*	
		For >50, Deduct	*-6.12*	
		For Level 1 Biohazard Cleaning, Deduct	*-6.12*	
		For Level 3 Biohazard Cleaning, Add	*10.10*	
02 87 19 00-0076	CSF	Cleaning Of Other Surfaces For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	38.87	
		For >25 To 50, Deduct	*-3.89*	
		For >50 To 200, Deduct	*-7.77*	
		For >200, Deduct	*-11.66*	
		For Cleaning Surfaces With Goldshield® GS5, Add	*14.99*	
		For Level 1 Biohazard Cleaning, Deduct	*-7.77*	
		For Level 3 Biohazard Cleaning, Add	*12.82*	

02 87 19 00-0077 Bio-Hazard And Infectious Disease Control Cleaning Of Equipment And Materials *(02 87 19 00-0068)*

Note: Includes spraying of surfaces with mild bleach, wet mop/wipe and disinfect

02 87 19 00-0078	EA	Cleaning Of Plumbing Fixture For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	72.57	
		For Level 1 Biohazard Cleaning, Deduct	*-14.51*	
		For Level 3 Biohazard Cleaning, Add	*23.94*	
		For Cleaning Surfaces With Goldshield® GS5, Add	*7.50*	
02 87 19 00-0079	EA	Cleaning Of Restroom Accessory For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	33.30	
		For Level 1 Biohazard Cleaning, Deduct	*-6.66*	
		For Level 3 Biohazard Cleaning, Add	*10.98*	
		For Cleaning Surfaces With Goldshield® GS5, Add	*5.00*	
02 87 19 00-0080	EA	Cleaning Of Kitchen Appliance For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	116.91	
		For Level 1 Biohazard Cleaning, Deduct	*-23.38*	
		For Level 3 Biohazard Cleaning, Add	*38.57*	
		For Cleaning Surfaces With Goldshield® GS5, Add	*7.50*	
02 87 19 00-0081	EA	Cleaning Of Electrical Switch/Receptacle For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	7.21	
		For Level 1 Biohazard Cleaning, Deduct	*-1.44*	
		For Level 3 Biohazard Cleaning, Add	*2.37*	
		For Cleaning Surfaces With Goldshield® GS5, Add	*1.50*	
02 87 19 00-0082	EA	Cleaning Of WorkStation, Exterior Wipe For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution Clean-up	107.78	
		Note: Includes desk, chair, computer, monitor(s), keyboard, mouse, lamp, drawers		
		For Level 1 Biohazard Cleaning, Deduct	*-21.55*	
		For Level 3 Biohazard Cleaning, Add	*35.56*	
		For Cleaning Surfaces With Goldshield® GS5, Add	*7.50*	
02 87 19 00-0083	EA	Cleaning Of Knobs, Latches, And Locks For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution Clean-up	11.51	
		For Level 1 Biohazard Cleaning, Deduct	*-2.30*	
		For Level 3 Biohazard Cleaning, Add	*3.79*	
		For Cleaning Surfaces With Goldshield® GS5, Add	*1.50*	

02 87 19 00-0084 Bio-Hazard And Infectious Disease Control Cleaning Of Ductwork *(02 87 19 00-0068)*

02 87 19 00-0085	LF	Up To 2 SF Cross Section, Clean Supply/Return Ductwork For Bio-Hazard And Infectious Disease Control Cleaning	4.23	
		For Level 1 Biohazard Cleaning, Deduct	*-0.84*	
		For Level 3 Biohazard Cleaning, Add	*1.39*	
02 87 19 00-0086	LF	>2 SF To 4 SF Cross Section, Clean Supply/Return Ductwork For Bio-Hazard And Infectious Disease Control Cleaning	5.32	
		For Level 1 Biohazard Cleaning, Deduct	*-1.05*	
		For Level 3 Biohazard Cleaning, Add	*1.74*	
02 87 19 00-0087	LF	>4 SF To 8 SF Cross Section, Clean Supply/Return Ductwork For Bio-Hazard And Infectious Disease Control Cleaning	7.13	
		For Level 1 Biohazard Cleaning, Deduct	*-1.40*	
		For Level 3 Biohazard Cleaning, Add	*2.31*	
02 87 19 00-0088	LF	>8 SF Cross Section, Clean Supply/Return Ductwork For Bio-Hazard And Infectious Disease Control Cleaning	10.12	
		For Level 1 Biohazard Cleaning, Deduct	*-1.97*	
		For Level 3 Biohazard Cleaning, Add	*3.26*	
02 87 19 00-0089	EA	Clean Duct Coil For Bio-Hazard And Infectious Disease Control Cleaning	189.41	
		For Level 1 Biohazard Cleaning, Deduct	*-37.88*	
		For Level 3 Biohazard Cleaning, Add	*62.50*	
02 87 19 00-0090	SF	Clean Duct Dampers And Vane Sets For Bio-Hazard And Infectious Disease Control Cleaning	13.17	
		For Level 1 Biohazard Cleaning, Deduct	*-2.63*	
		For Level 3 Biohazard Cleaning, Add	*4.34*	
02 87 19 00-0091	EA	Clean Fan Coil Unit (FCU) Or Variable Air Volume (VAV) Unit For Bio-Hazard And Infectious Disease Control Cleaning	126.28	
		For Level 1 Biohazard Cleaning, Deduct	*-25.25*	
		For Level 3 Biohazard Cleaning, Add	*41.67*	
02 87 19 00-0092	EA	Clean Air Handling Unit Fan And Coil For Bio-Hazard And Infectious Disease Control Cleaning	378.81	
		For Level 1 Biohazard Cleaning, Deduct	*-75.76*	
		For Level 3 Biohazard Cleaning, Add	*125.00*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 19 00-0093	EA	Clean Grille/Diffuser/Register For Bio-Hazard And Infectious Disease Control Cleaning Note: Includes removal and reinstallation.	31.59	
		For Level 1 Biohazard Cleaning, Deduct	*-6.31*	
		For Level 3 Biohazard Cleaning, Add	*10.42*	
02 87 19 00-0094	SF	Apply Sporicidin Disinfectant To Ductwork And Surfaces After Cleaning For Bio-Hazard And Infectious Disease Control Cleaning	0.58	
		For Level 1 Biohazard Cleaning, Deduct	*-0.10*	
		For Level 3 Biohazard Cleaning, Add	*0.17*	
02 87 19 00-0095	SF	Apply Goldshield® GS5 Anti-microbial Agent To Ductwork And Surfaces After Cleaning For Bio-Hazard And Infectious Disease Control Cleaning	0.66	
		For Level 1 Biohazard Cleaning, Deduct	*-0.10*	
		For Level 3 Biohazard Cleaning, Add	*0.17*	
02 87 19 00-0096		**Bio-Hazard And Infectious Disease Control Equipment Rental** *(02 87 19)* Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Bio-Hazard And Infectious Control Clean Up sections.		
02 87 19 00-0097	DAY	Up To 5,000 CFM Portable Air Scrubber For Bio-Hazard And Infectious Disease Control Clean-up	108.38	
02 87 19 00-0098	WK	Up To 5,000 CFM Portable Air Scrubber For Bio-Hazard And Infectious Disease Control Clean-up	461.61	
02 87 19 00-0099	MO	Up To 5,000 CFM Portable Air Scrubber For Bio-Hazard And Infectious Disease Control Clean-up	1,292.51	
02 87 19 00-0100	DAY	Industrial High Efficiency Particulate Air (HEPA) Vacuum For Bio-Hazard And Infectious Disease Control Clean-up	160.68	
02 87 19 00-0101	WK	Industrial High Efficiency Particulate Air (HEPA) Vacuum For Bio-Hazard And Infectious Disease Control Clean-up	441.86	
02 87 19 00-0102	MO	Industrial High Efficiency Particulate Air (HEPA) Vacuum For Bio-Hazard And Infectious Disease Control Clean-up	1,205.08	
02 87 19 00-0103	DAY	Zip Wall Poles (Per 2 Poles) For Bio-Hazard And Infectious Disease Control Clean-up	34.77	
02 87 19 00-0104	WK	Zip Wall Poles (Per 2 Poles) For Bio-Hazard And Infectious Disease Control Clean-up	95.61	
02 87 19 00-0105	MO	Zip Wall Poles (Per 2 Poles) For Bio-Hazard And Infectious Disease Control Clean-up	260.76	
02 87 19 00-0106	DAY	Up To 2,000 CFM Portable Negative Air Machine With Pre-Filter And High Efficiency Particulate Air (HEPA) Filter For Bio-Hazard And Infectious Disease Control Clean-up	100.59	
02 87 19 00-0107	WK	Up To 2,000 CFM Portable Negative Air Machine With Pre-Filter And High Efficiency Particulate Air (HEPA) Filter For Bio-Hazard And Infectious Disease Control Clean-up	413.15	
02 87 19 00-0108	MO	Up To 2,000 CFM Portable Negative Air Machine With Pre-Filter And High Efficiency Particulate Air (HEPA) Filter For Bio-Hazard And Infectious Disease Control Clean-up	1,248.43	
02 87 19 00-0109	EA	High Efficiency Particulate Air (HEPA) Filter, 99.99% Efficient At 0.3 Micron For Negative Air Machine For Bio-Hazard And Infectious Disease Control Clean-up Note: Required if over 800 hours operation.	132.46	
02 87 19 00-0110	DAY	20' x 20' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	342.34	
02 87 19 00-0111	WK	20' x 20' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	684.68	
02 87 19 00-0112	MO	20' x 20' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	1,369.37	
02 87 19 00-0113	DAY	20' x 40' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	456.46	
02 87 19 00-0114	WK	20' x 40' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	912.91	
02 87 19 00-0115	MO	20' x 40' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	1,825.82	
02 87 19 00-0116	DAY	20' x 60' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	1,008.89	
02 87 19 00-0117	WK	20' x 60' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	2,017.78	
02 87 19 00-0118	MO	20' x 60' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	4,035.55	
02 87 19 00-0119	DAY	20' x 80' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	1,345.18	
02 87 19 00-0120	WK	20' x 80' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	2,690.37	
02 87 19 00-0121	MO	20' x 80' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	5,380.74	
02 87 19 00-0122	DAY	20' x 100' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	1,681.48	
02 87 19 00-0123	WK	20' x 100' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	3,362.96	
02 87 19 00-0124	MO	20' x 100' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	6,725.92	
02 87 19 00-0125	EA	Set-Up 20' x 20' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up Note: Includes staking down tent.	115.68	
02 87 19 00-0126	EA	Set-Up 20' x 40' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up Note: Includes staking down tent.	231.36	
02 87 19 00-0127	EA	Set-Up 20' x 60' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up Note: Includes staking down tent.	694.08	
02 87 19 00-0128	EA	Set-Up 20' x 80' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up Note: Includes staking down tent.	1,388.15	
02 87 19 00-0129	EA	Set-Up 20' x 100' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up Note: Includes staking down tent.	2,313.58	
02 87 19 00-0130	DAY	Portable Dual Sink Wash Station For Bio-Hazard And Infectious Disease Control Clean-up	74.86	
02 87 19 00-0131	WK	Portable Dual Sink Wash Station For Bio-Hazard And Infectious Disease Control Clean-up	205.86	
02 87 19 00-0132	MO	Portable Dual Sink Wash Station For Bio-Hazard And Infectious Disease Control Clean-up	561.44	
02 87 19 00-0133		**Bio-Hazard And Infectious Disease Control Hauling By Truck** *(02 87 19)* Note: Includes driver and equipment, ten (10) to fifteen (15) minutes load time, time for travel, dump time and return (roundtrip). The task quantity is the number of miles to the disposal site/transfer station (one-way mileage) using an appropriately sized truck.		
02 87 19 00-0134	EA	Hauling With 2-3 CY Pick-up Truck, Van Or Trailer, Up To 15 Miles For Bio-Hazard And Infectious Disease Control Clean Up Note: Each first 15 miles per trip	110.11	
		For Each Additional Mile Over First 15 Miles, Add Per Mile	*1.38*	
02 87 19 00-0135	EA	Hauling With 6 To 8 CY Dump Truck, Up To 15 Miles For Bio-Hazard And Infectious Control Clean Up Note: Each first 15 miles per trip	162.00	
		For Each Additional Mile Over First 15 Miles, Add Per Mile	*2.03*	
02 87 19 00-0136	EA	Hauling With 10 To 12 CY Dump Truck, Up To 15 Miles For Bio-Hazard And Infectious Disease Control Clean Up Note: Each first 15 miles per trip	167.61	
		For Each Additional Mile Over First 15 Miles, Add Per Mile	*2.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 19 00-0137	EA	Hauling With 16' To 20', Box Or Flat Bed Truck, Up To 15 Miles For Bio-Hazard And Infectious Disease Control Clean Up Note: Each first 15 miles per trip	177.28	
		For Each Additional Mile Over First 15 Miles, Add Per Mile	*2.22*	

02 87 19 00-0138 Bio-Hazard And Infectious Disease Control Disposal *(02 87 19)*

Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Bio-Hazard And Infectious Control Clean Up sections.

02 87 19 00-0139	CY	Bio-Hazard And Infectious Disease Control Landfill Dump Fee	72.17	

02 87 19 00-0140 BLU-MED Response Systems® (BLU-MED) Deployable Medical Facilities™ and Emergency Shelters *(02 87 19)*

Note: Includes delivery and set-up of facility, electrical, lighting and HVAC. Excludes medical equipment.

02 87 19 00-0141	EA	20' x 32.5' Medical Shelter with 1-phase electrical, 60 Hertz (BLU-MED BM-2032.5-MS/1P)	46,426.08	
02 87 19 00-0142	EA	7' x 8' Entry Vestibule (BLU-MED BM-MS-VEST)	4,463.11	
02 87 19 00-0143	EA	Vestibule End Panel with Bump Thru Door (BLU-MED BM-7x8-VEP04)	7,384.63	
02 87 19 00-0144	SF	Sub Flooring For Medical Shelter (AKS-AB846)	6.87	
02 87 19 00-0145	EA	Upgrade To Large Roto-Mold Container, Blue (AK-ULC-5)	2,026.92	
02 87 19 00-0146	EA	Environmental Control Unit-5 Ton, 60 Hertz, Blue (AK-ECU-5T-5)	33,198.49	
02 87 19 00-0147	EA	3' ECU to Generator Pigtail, 60 Hertz (AKS-AC915)	1,157.16	
02 87 19 00-0148	EA	Negative Pressure Isolation (NPI) System (AK-NPIS-5) Note: Including: (1) Germicidal/high efficiency particulate air (HEPA) Filter Unit; (1) Monitor/Alarm with Motorized Damper; (1) Isolation Partition for 20'-Wide Shelter; (1) NPI Accessories Case	52,253.87	
02 87 19 00-0149	EA	6' Step Ladder (AKS-AC595)	313.78	
02 87 19 00-0150	EA	10 Lb. Sledgehammer (AKS-AA268)	95.96	

02 87 19 00-0151 Bio-Hazard And Infectious Disease Time And Material Tasks *(02 87 19)*

Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Bio-Hazard And Infectious Control Clean Up sections.

02 87 19 00-0152 Bio-Hazard And Infectious Disease Control Labor *(02 87 19 00-0151)*

Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Bio-Hazard And Infectious Control Clean Up sections.

02 87 19 00-0153	HR	General Laborer For Bio-Hazard And Infectious Disease Control Clean Up	122.87	
02 87 19 00-0154	HR	Skilled Tradesman For Bio-Hazard And Infectious Disease Control Clean Up	135.13	
02 87 19 00-0155	HR	Biohazard Technician For Bio-Hazard And Infectious Disease Control Clean Up	103.65	
02 87 19 00-0156	HR	Biohazard Supervisor For Bio-Hazard And Infectious Disease Control Clean Up	124.63	
02 87 19 00-0157	HR	Project Manager For Bio-Hazard And Infectious Disease Control Clean Up	137.06	

02 87 19 00-0158 Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment *(02 87 19 00-0151)*

Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Bio-Hazard And Infectious Control Clean Up sections.

02 87 19 00-0159	EA	Tyvek Coveralls For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment	11.51	
02 87 19 00-0160	EA	Tyvek Coveralls With Hood, Boots, Elastic Wrists And Ankles For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment	18.61	
02 87 19 00-0161	PR	Polycarbonate Lens Safety Goggles For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment	12.06	
02 87 19 00-0162	EA	Dual Cartridge Half-Mask Respirator For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment	129.50	
02 87 19 00-0163	EA	Cartridge - Respirator For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment	40.21	
02 87 19 00-0164	EA	Full Face Respirator For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment Note: Respirator Connection Type: Bayonet, 4 pt. Full Face Suspension	395.08	
02 87 19 00-0165	EA	14-1/2" Width x 9" Height Polycarbonate Visor Faceshield For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment Note: Includes basic impact ratchet headgear and faceshield safety system. ANSI Z87.1-2010	54.01	
02 87 19 00-0166	EA	19" Width x 11" Height Polycarbonate Visor Attachment To Hardhat For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment Note: Includes clear polycarbonate crown and chin guard system for hardhat. The chin guard extends below the chin, the shield extends passed the ear, and the crown extends over the forehead to the front of the hardhat. ANSI Z87.1-2015. Excludes hardhat.	98.12	
02 87 19 00-0167	BOX	Box of 100, 5 Mil, Disposable Latex Gloves For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment	20.86	
02 87 19 00-0168	EA	Gloves - Rubber (Heavy-Duty) For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment	17.81	
02 87 19 00-0169	EA	Belt-Mounted, Universal Mask, Powered Air Purifying Respirator (PAPR) System Kit For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment Note: Kit includes NIOSH Approved with Draeger DHR 7000, C420 Blower, Single-Speed Toggle, Battery - LiSO2 (BA5800/U), C420 Breathing Tube Assembly with 75-Degrees Swivel, Decon Belt Assembly 70" x 2", C420 Airflow Indicator (Afl), Micronel Safety M95 Cartridge (2), Molded Case, Black, CBRN Breathing Tube Assembly	2,640.77	

02 87 19 00-0170 Bio-Hazard And Infectious Disease Control Expendables *(02 87 19 00-0151)*

Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Bio-Hazard And Infectious Control Clean Up sections. See CSI section 01 56 16 00-0001 for temporary sheeting, 01 56 16 00-0023 for temporary walls.

02 87 19 00-0171	GAL	Bleach For Bio-Hazard And Infectious Disease Control Clean-up	8.97	
02 87 19 00-0172	EA	N95 Masks For Bio-Hazard And Infectious Disease Control Clean-up	4.34	
02 87 19 00-0173	GAL	Disinfectant/Anti-microbial For Bio-Hazard And Infectious Disease Control Clean Up	87.93	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 19 00-0174	GAL	Goldshield® GS5 Anti-microbial Concentrate For Bio-Hazard And Infectious Disease Control Clean-up Note: Mix 1 gallon in 5 gallons of water to produce 6 gallons of ready-to-use product. Use on any surface for bacterial inhibition up to 30 days	359.84	
02 87 19 00-0175	QT	Hand Sanitizer For Bio-Hazard And Infectious Disease Control Clean-up	9.21	
02 87 19 00-0176	EA	Sponges - Dry For Bio-Hazard And Infectious Disease Control Clean-up	5.76	
02 87 19 00-0177	ROL	Tape - Duct, 2" x 50 YD For Bio-Hazard And Infectious Disease Control Clean-up	11.44	
02 87 19 00-0178	EA	UV Mini Light, Handheld For Bio-Hazard And Infectious Disease Control Clean-up	78.62	
02 87 19 00-0179	ROL	Visqueen 1 Mil, 12' x 400', For Bio-Hazard And Infectious Disease Control Clean-up	46.12	
02 87 19 00-0180	LB	Wipes, Terry Cloth 14" x 17" For Bio-Hazard And Infectious Disease Control Clean-up	6.72	
02 87 19 00-0181	EA	Wyp-Alls, Case, 160 Wipes For Bio-Hazard And Infectious Disease Control Clean-up	18.00	
02 87 19 00-0182	ROL	6 Mil, 55 Gallon Trash Bags, 50/Roll For Bio-Hazard And Infectious Disease Control Clean Up	141.99	

02 89 Hazmat Ancillary Tasks and Support *(02 80)*

02 89 00 00-0001 Barriers And Protection *(02 89)*

Note: Includes removal and disposal after use.

02 89 00 00-0002 Isolation Barriers *(02 89 00 00-0001)*

See CSI section 01 56 16 00-0023 for temporary stud walls.

02 89 00 00-0003 Cleaning Surfaces *(02 89 00 00-0001)*

Note: Other surfaces outside contamination area but not contaminated by, or part of removal.

02 89 00 00-0004	SF	Up To 100 SF, Clean Non-Asbestos Surface	2.24	
02 89 00 00-0005	SF	>100 To 500 SF, Clean Non-Asbestos Surface	1.58	
02 89 00 00-0006	SF	>500 To 1,000 SF, Clean Non-Asbestos Surface	1.03	
02 89 00 00-0007	SF	>1,000 SF, Clean Non-Asbestos Surface	0.80	

02 89 00 00-0008 Hazmat Containment Construction Plastic Sheeting *(02 89 00 00-0001)*

02 89 00 00-0009	SF	6 Mil Plastic Sheeting, Applied To Floors, Hazmat Containment Construction	0.55	
02 89 00 00-0010	SF	6 Mil Plastic Sheeting, Applied To Walls, Hazmat Containment Construction	0.73	
02 89 00 00-0011	SF	6 Mil Plastic Sheeting, Applied To Ceilings, Hazmat Containment Construction	0.97	
02 89 00 00-0012	SF	6 Mil Plastic Fire Retardant, Anti-static Sheeting, Applied To Floors, Hazmat Containment Construction	0.69	
02 89 00 00-0013	SF	6 Mil Plastic Fire Retardant, Anti-static Retardant Sheeting, Applied To Walls, Hazmat Containment Construction	0.87	
02 89 00 00-0014	SF	6 Mil Plastic Fire Retardant, Anti-static Retardant Sheeting, Applied To Ceilings, Hazmat Containment Construction	1.12	
02 89 00 00-0015	EA	Up To 36 Square Inches, Seal Wall Penetrations With Foam Firestop, Hazmat Containment Construction	130.83	
02 89 00 00-0016	EA	>36 To 72 Square Inches, Seal Wall Penetrations With Foam Firestop, Hazmat Containment Construction	253.83	
02 89 00 00-0017	EA	>72 To 144 Square Inches, Seal Wall Penetrations With Foam Firestop, Hazmat Containment Construction	496.80	
02 89 00 00-0018	LF	Caulk Seams With Latex, Hazmat Containment Construction	5.00	
02 89 00 00-0019	SF	2 Layers 6 Mil Poly, Protect Carpeted Area, Hazmat Containment Construction	2.13	

02 89 00 00-0020 Decontamination Chambers *(02 89)*

Note: Includes removal after use.

02 89 00 00-0021	EA	3 Stage Portable Personnel Decontamination Wash Facility Note: Includes connection to negative air system.	1,014.42	
02 89 00 00-0022	EA	5 Stage Portable Personnel Decontamination Wash Facility Note: Includes connection to negative air system.	1,194.98	
02 89 00 00-0023	EA	Portable Waste Decontamination Unit Note: Includes connection to negative air system.	613.93	
		For Dismantling And Relocation To A Different Area, Add	*383.39*	

02 90 Disaster Recovery *(02)*

Note: The tasks in this division are only to be used when specifically requested by the Owner and are not to be combined with tasks from other divisions of this or other Construction Task Catalogs® unless specifically requested by the Owner.

02 90 50 Cleaning and Disaster Clean-up *(02 90)*

02 90 50 00-0001 Non-Mold Contaminated Wet Material Removal *(02 90 50)*

Note: For materials not requiring mold abatement.

02 90 50 00-0002	SY	Wet Broadloom Carpet Removal For Disaster Clean-up	30.31	
02 90 50 00-0003	SY	Wet Carpet Tile Removal For Disaster Clean-up	7.37	
02 90 50 00-0004	SF	Wet Batt Insulation Removal For Disaster Clean-up	0.61	
02 90 50 00-0005	SF	Wet Ceiling Tile Removal For Disaster Clean-up	0.74	
02 90 50 00-0006	SF	Single Layer, Wet Gypsum Board Removal For Disaster Clean-up	0.72	
02 90 50 00-0007	SF	Double Layer, Wet Gypsum Board Removal For Disaster Clean-up	1.13	

02 90 50 00-0008 Cleaning *(02 90 50)*

Note: Use "Light Clean" when soot or dust is barely evident. Use "Medium Clean" when paint color can be seen through the soot or dust. Use "Heavy Clean" when paint color cannot be seen. Includes all man power, equipment and expendables required

02 90 50 00-0009 Clean Furnishings *(02 90 50 00-0008)*

02 90 50 00-0010	EA	Office Equipment, Exterior Wipe For Disaster Clean-up	28.40	
		For Medium Clean, Add	*11.93*	
		For Heavy Clean, Add	*36.92*	
02 90 50 00-0011	SF	Bookcase (Per SF Of Face Area), Light Clean For Disaster Clean-up	1.58	
		For Medium Clean, Add	*0.66*	
		For Heavy Clean, Add	*2.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0012	LF	Shelving, Light Clean For Disaster Clean-up	2.84	
		For Medium Clean, Add	*1.19*	
		For Heavy Clean, Add	*3.69*	
02 90 50 00-0013	EA	Plastic Or Metal Chair, Light Clean For Disaster Clean-up	8.20	
		For Medium Clean, Add	*3.44*	
		For Heavy Clean, Add	*10.66*	
02 90 50 00-0014	EA	Upholstered Chair, Light Clean For Disaster Clean-up	26.51	
		For Medium Clean, Add	*11.13*	
		For Heavy Clean, Add	*34.46*	
02 90 50 00-0015	EA	Upholstered Sofa, Light Clean For Disaster Clean-up	163.47	
		For Medium Clean, Add	*68.66*	
		For Heavy Clean, Add	*212.51*	
02 90 50 00-0016	EA	Desk, Light Clean For Disaster Clean-up	33.45	
		For Medium Clean, Add	*14.05*	
		For Heavy Clean, Add	*43.49*	
02 90 50 00-0017	EA	Table, Light Clean For Disaster Clean-up	31.56	
		For Medium Clean, Add	*13.26*	
		For Heavy Clean, Add	*41.03*	
02 90 50 00-0018	EA	Two Drawer File Cabinet, Light Clean For Disaster Clean-up	6.92	
		For Medium Clean, Add	*2.91*	
		For Heavy Clean, Add	*9.00*	
02 90 50 00-0019	EA	Four Drawer File Cabinet, Light Clean For Disaster Clean-up	8.85	
		For Medium Clean, Add	*3.72*	
		For Heavy Clean, Add	*11.51*	
02 90 50 00-0020	LF	Base Cabinet, Exterior Wipe, Light Clean For Disaster Clean-up	7.26	
		For Medium Clean, Add	*3.05*	
		For Heavy Clean, Add	*9.44*	
02 90 50 00-0021	LF	Base Cabinet, Exterior And Interior Wipe, Light Clean For Disaster Clean-up	14.20	
		For Medium Clean, Add	*5.96*	
		For Heavy Clean, Add	*18.46*	
02 90 50 00-0022	LF	Wall Cabinet, Exterior Wipe, Light Clean For Disaster Clean-up	7.26	
		For Medium Clean, Add	*3.05*	
		For Heavy Clean, Add	*9.44*	
02 90 50 00-0023	LF	Wall Cabinet, Exterior And Interior Wipe, Light Clean For Disaster Clean-up	12.62	
		For Medium Clean, Add	*5.30*	
		For Heavy Clean, Add	*16.41*	
02 90 50 00-0024	EA	Picture Frame, Glass And Back, Light Clean For Disaster Clean-up	3.03	
		For Medium Clean, Add	*1.27*	
		For Heavy Clean, Add	*3.94*	

02 90 50 00-0025 Clean Hard Surfaces *(02 90 50 00-0008)*

02 90 50 00-0026	LF	Wood, Vinyl Or Rubber Baseboard, Light Clean For Disaster Clean-up	0.41	
		For Medium Clean, Add	*0.17*	
		For Heavy Clean, Add	*0.53*	
02 90 50 00-0027	EA	Door And Hardware (Per Side), Light Clean For Disaster Clean-up	5.37	
		For Medium Clean, Add	*2.26*	
		For Heavy Clean, Add	*6.98*	
02 90 50 00-0028	EA	Detailed Door And Hardware (Per Side), Light Clean For Disaster Clean-up	6.08	
		For Medium Clean, Add	*2.55*	
		For Heavy Clean, Add	*7.90*	
02 90 50 00-0029	SF	Overhead Door, Light Clean For Disaster Clean-up	0.43	
		For Medium Clean, Add	*0.18*	
		For Heavy Clean, Add	*0.56*	
02 90 50 00-0030	SF	Mirror, Light Clean For Disaster Clean-up	0.32	
		For Medium Clean, Add	*0.13*	
		For Heavy Clean, Add	*0.42*	
02 90 50 00-0031	SF	Window, Light Clean For Disaster Clean-up	0.93	
		For Medium Clean, Add	*0.39*	
		For Heavy Clean, Add	*1.21*	
02 90 50 00-0032	LF	Handrail, Light Clean For Disaster Clean-up	0.83	
		For Medium Clean, Add	*0.35*	
		For Heavy Clean, Add	*1.08*	
02 90 50 00-0033	LF	Bumper Rail, Light Clean For Disaster Clean-up	0.45	
		For Medium Clean, Add	*0.19*	
		For Heavy Clean, Add	*0.59*	
02 90 50 00-0034	SF	Hard Floor, Light Clean For Disaster Clean-up	0.37	
		For Medium Clean, Add	*0.16*	
		For Heavy Clean, Add	*0.48*	
02 90 50 00-0035	SF	Carpet, Light Clean For Disaster Clean-up	0.38	
		For Medium Clean, Add	*0.16*	
		For Heavy Clean, Add	*0.49*	
02 90 50 00-0036	SF	Hard Ceiling, Light Clean For Disaster Clean-up	0.29	
		For Medium Clean, Add	*0.12*	
		For Heavy Clean, Add	*0.38*	
02 90 50 00-0037	SF	Suspended Ceiling, Tile And Grid, Light Clean For Disaster Clean-up	0.32	
		For Medium Clean, Add	*0.13*	
		For Heavy Clean, Add	*0.42*	
02 90 50 00-0038	SF	Ceramic Tile Wall, Light Clean For Disaster Clean-up	0.26	
		For Medium Clean, Add	*0.11*	
		For Heavy Clean, Add	*0.34*	
02 90 50 00-0039	SF	Wall, Light Clean For Disaster Clean-up	0.19	
		For Medium Clean, Add	*0.08*	
		For Heavy Clean, Add	*0.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0040	SF	Masonry Wall, Light Clean For Disaster Clean-up	0.26	
		For Medium Clean, Add	*0.11*	
		For Heavy Clean, Add	*0.34*	
02 90 50 00-0041	EA	Up To 24 SF Area Rug, Off-Site Cleaning, Light Clean For Disaster Clean-up Note: Includes removal from site, cleaning, and return.	66.57	
		For Medium Clean, Add	*27.96*	
		For Heavy Clean, Add	*86.54*	
02 90 50 00-0042	EA	>24 To 96 SF Area Rug, Off-Site Cleaning, Light Clean For Disaster Clean-up Note: Includes removal from site, cleaning, and return.	83.20	
		For Medium Clean, Add	*34.94*	
		For Heavy Clean, Add	*108.16*	
02 90 50 00-0043	EA	>96 To 140 SF Area Rug, Off-Site Cleaning, Light Clean For Disaster Clean-up Note: Includes removal from site, cleaning, and return.	99.84	
		For Medium Clean, Add	*41.93*	
		For Heavy Clean, Add	*129.79*	
02 90 50 00-0044	EA	>140 To 216 SF Area Rug, Off-Site Cleaning, Light Clean For Disaster Clean-up	116.48	
		For Medium Clean, Add	*48.92*	
		For Heavy Clean, Add	*151.42*	

02 90 50 00-0045 Clean Window Treatments *(02 90 50 00-0008)*

02 90 50 00-0046	SF	Window Blind, Light Clean For Disaster Clean-up	0.73	
		For Medium Clean, Add	*0.31*	
		For Heavy Clean, Add	*0.95*	
02 90 50 00-0047	EA	Up To 6' Long Drapery (Per Pleat), Light Clean For Disaster Clean-up	1.48	
		For Medium Clean, Add	*0.62*	
		For Heavy Clean, Add	*1.92*	
02 90 50 00-0048	EA	Up To 6' Long Lined Drapery (Per Pleat), Light Clean For Disaster Clean-up	1.71	
		For Medium Clean, Add	*0.72*	
		For Heavy Clean, Add	*2.22*	
02 90 50 00-0049	EA	>6' To 8' Drapery (Per Pleat), Light Clean For Disaster Clean-up	1.55	
		For Medium Clean, Add	*0.65*	
		For Heavy Clean, Add	*2.02*	
02 90 50 00-0050	EA	>6' To 8' Lined Drapery (Per Pleat), Light Clean For Disaster Clean-up	1.78	
		For Medium Clean, Add	*0.75*	
		For Heavy Clean, Add	*2.31*	
02 90 50 00-0051	EA	>8' To 10' Drapery (Per Pleat), Light Clean For Disaster Clean-up	1.90	
		For Medium Clean, Add	*0.80*	
		For Heavy Clean, Add	*2.47*	
02 90 50 00-0052	EA	>8' To 10' Lined Drapery (Per Pleat), Light Clean For Disaster Clean-up	2.19	
		For Medium Clean, Add	*0.92*	
		For Heavy Clean, Add	*2.85*	

02 90 50 00-0053 Clean Appliances *(02 90 50 00-0008)*

02 90 50 00-0054	EA	Microwave Oven, Outside, Light Clean For Disaster Clean-up	13.08	
		For Medium Clean, Add	*5.49*	
		For Heavy Clean, Add	*17.00*	
02 90 50 00-0055	EA	Refrigerator, Outside, Light Clean For Disaster Clean-up	30.81	
		For Medium Clean, Add	*12.94*	
		For Heavy Clean, Add	*40.05*	
02 90 50 00-0056	EA	Range, Outside, Light Clean For Disaster Clean-up	26.63	
		For Medium Clean, Add	*11.18*	
		For Heavy Clean, Add	*34.62*	

02 90 50 00-0057 Clean Plumbing *(02 90 50 00-0008)*

02 90 50 00-0058	EA	Water Heater, Light Clean For Disaster Clean-up	18.94	
		For Medium Clean, Add	*7.95*	
		For Heavy Clean, Add	*24.62*	
02 90 50 00-0059	EA	Plumbing Fixture, Light Clean For Disaster Clean-up	19.12	
		For Medium Clean, Add	*8.03*	
		For Heavy Clean, Add	*24.86*	
02 90 50 00-0060	EA	Restroom Accessory, Light Clean For Disaster Clean-up	8.78	
		For Medium Clean, Add	*3.69*	
		For Heavy Clean, Add	*11.41*	

02 90 50 00-0061 Clean HVAC *(02 90 50 00-0008)*

02 90 50 00-0062	LF	Baseboard Heater, Light Clean For Disaster Clean-up	5.66	
		For Medium Clean, Add	*2.38*	
		For Heavy Clean, Add	*7.36*	
02 90 50 00-0063	LF	Ductwork, Exterior Wipe, Light Clean For Disaster Clean-up	15.78	
		For Medium Clean, Add	*6.63*	
		For Heavy Clean, Add	*20.51*	
02 90 50 00-0064	EA	Ductwork, Interior (Per Grille/Register), Light Clean For Disaster Clean-up	60.59	
		For Medium Clean, Add	*25.45*	
		For Heavy Clean, Add	*78.77*	
02 90 50 00-0065	EA	Grille/Register, Light Clean For Disaster Clean-up	5.68	
		For Medium Clean, Add	*2.39*	
		For Heavy Clean, Add	*7.38*	
02 90 50 00-0066	EA	Air Handling Unit, Exterior Wipe, Light Clean For Disaster Clean-up	39.34	
		For Medium Clean, Add	*16.52*	
		For Heavy Clean, Add	*51.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0067	EA	Furnace, Exterior Wipe, Light Clean For Disaster Clean-up	35.03	
		For Medium Clean, Add	*14.71*	
		For Heavy Clean, Add	*45.54*	

02 90 50 00-0068 Clean Electrical *(02 90 50 00-0008)*

02 90 50 00-0069	EA	Electric Fan, Light Clean For Disaster Clean-up	23.36	
		For Medium Clean, Add	*9.81*	
		For Heavy Clean, Add	*30.37*	
02 90 50 00-0070	EA	Ceiling Fan, Light Clean For Disaster Clean-up	25.25	
		For Medium Clean, Add	*10.61*	
		For Heavy Clean, Add	*32.83*	
02 90 50 00-0071	EA	Ceiling Fan And Light, Light Clean For Disaster Clean-up	32.82	
		For Medium Clean, Add	*13.78*	
		For Heavy Clean, Add	*42.67*	
02 90 50 00-0072	EA	Ceiling Exhaust Fan, Light Clean For Disaster Clean-up	23.04	
		For Medium Clean, Add	*9.68*	
		For Heavy Clean, Add	*29.95*	
02 90 50 00-0073	EA	2' x 4' Light Fixture, Light Clean For Disaster Clean-up	15.15	
		For Medium Clean, Add	*6.36*	
		For Heavy Clean, Add	*19.70*	
02 90 50 00-0074	EA	Light Fixture, Light Clean For Disaster Clean-up	6.94	
		For Medium Clean, Add	*2.91*	
		For Heavy Clean, Add	*9.02*	
02 90 50 00-0075	EA	Smoke Detector, Light Clean For Disaster Clean-up	5.37	
		For Medium Clean, Add	*2.26*	
		For Heavy Clean, Add	*6.98*	
02 90 50 00-0076	EA	Thermostat, Light Clean For Disaster Clean-up	1.89	
		For Medium Clean, Add	*0.79*	
		For Heavy Clean, Add	*2.46*	

02 90 50 00-0077 Thermal Fog *(02 90 50 00-0008)*

02 90 50 00-0078	CF	Clean And Deodorize Building With Thermal Fog For Disaster Clean-up	0.02	

02 90 50 00-0079 Contents Manipulation *(02 90 50)*

02 90 50 00-0080	SF	Cover Contents With 6 Mil Plastic Sheeting For Disaster Clean-up	0.25	
02 90 50 00-0081	SF	Floor Protection, Adhesive Film For Disaster Clean-up	0.30	
02 90 50 00-0082	SF	Move Contents Out And Later Reset For Disaster Clean-up	0.50	
02 90 50 00-0083	MO	20' Long Job Site Storage Trailer For Disaster Clean-up	151.93	
02 90 50 00-0084	MO	40' Long Job Site Storage Trailer For Disaster Clean-up	201.49	
02 90 50 00-0085	EA	Delivery Or Pickup Job Site Storage Trailer For Disaster Clean-up	146.80	

02 90 50 00-0086 Water Disaster Clean-up *(02 90 50)*

02 90 50 00-0087	LF	Detach Baseboard For Disaster Clean-up	0.68	
02 90 50 00-0088	LF	Detach And Later Reset Baseboard For Disaster Clean-up	1.21	
02 90 50 00-0089	EA	Block And Pad Furniture (Per Piece Of Furniture) For Disaster Clean-up	4.48	
02 90 50 00-0090	SF	Water Extraction From Floor For Disaster Clean-up	0.47	
02 90 50 00-0091	SF	Gray Water Extraction From Floor For Disaster Clean-up	0.75	
02 90 50 00-0092	SF	Black Water Extraction From Floor For Disaster Clean-up	1.19	
02 90 50 00-0093	SF	Tear Out Wet Non-Salvageable Carpet For Disaster Clean-up	0.37	
02 90 50 00-0094	SF	Tear Out Wet Non-Salvageable Carpet, Black Water For Disaster Clean-up	0.44	
02 90 50 00-0095	SF	Tear Out Wet Non-Salvageable Glue Down Carpet For Disaster Clean-up	0.66	
02 90 50 00-0096	SF	Tear Out Wet Non-Salvageable Glue Down Carpet, Black Water For Disaster Clean-up	0.97	
02 90 50 00-0097	SF	Tear Out Vinyl Flooring For Disaster Clean-up	0.92	
02 90 50 00-0098	SF	Tear Out Vinyl Flooring, Black Water For Disaster Clean-up	1.34	
02 90 50 00-0099	SF	Tear Out Wood Flooring, Black Water For Disaster Clean-up	3.48	
02 90 50 00-0100	SF	Tear Out Laminated Wood Flooring For Disaster Clean-up	1.71	
02 90 50 00-0101	SF	Tear Out Laminated Wood Flooring, Black Water For Disaster Clean-up	2.51	
02 90 50 00-0102	SF	Tear Out Wet Ceiling Tile For Disaster Clean-up	0.28	
02 90 50 00-0103	SF	Tear Out Batt Insulation For Disaster Clean-up	0.28	
02 90 50 00-0104	SF	Tear Out Wet Gypsum Board For Disaster Clean-up	0.48	
02 90 50 00-0105	SF	Apply Anti-microbial Agent For Disaster Clean-up	0.29	
02 90 50 00-0106	SF	High Efficiency Particulate Air (HEPA) Vacuuming For Disaster Clean-up	0.36	

02 90 50 00-0107 Board Up And Tarp Up *(02 90 50)*

02 90 50 00-0108	SF	Polyethylene Tarp On Roof For Disaster Clean-up	0.24	
02 90 50 00-0109	SF	1/2" Temporary Plywood On Roof For Disaster Clean-up	1.50	
02 90 50 00-0110	SF	5/8" Temporary Plywood On Roof For Disaster Clean-up	1.72	
02 90 50 00-0111	SF	3/4" Temporary Plywood On Roof For Disaster Clean-up	1.88	
02 90 50 00-0112	SF	1/2" Temporary Plywood On Wall Or Windows For Disaster Clean-up	1.88	
02 90 50 00-0113	SF	5/8" Temporary Plywood On Wall Or Windows For Disaster Clean-up	2.10	
02 90 50 00-0114	SF	3/4" Temporary Plywood On Wall Or Windows For Disaster Clean-up	2.26	

02 90 50 00-0115 Minimum Charges *(02 90 50)*

02 90 50 00-0116	EA	Disaster Cleaning Minimum Charge	1,447.55	
02 90 50 00-0117	EA	Disaster Water Extraction Minimum Charge	279.05	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0118	EA	Disaster Carpet Cleaning Minimum Charge	195.62	

02 90 50 00-0119 Document Restoration *(02 90 50)*

02 90 50 00-0120	EA	Book Rebinding, Each For Document Restoration	101.02	
02 90 50 00-0121	EA	Book Recasing, Each For Document Restoration	50.50	
02 90 50 00-0122	EA	Boxes-MCS, 1.2 CF For Document Restoration	9.41	
02 90 50 00-0123	EA	Boxes-MCS, 2.0 CF For Document Restoration	10.38	
02 90 50 00-0124	EA	Boxes Bankers For Document Restoration	16.14	
02 90 50 00-0125	EA	Boxes Standard Packout For Document Restoration	6.02	
02 90 50 00-0126	EA	Boxes X Ray For Document Restoration	10.11	
02 90 50 00-0127	EA	CD Scanning and Diagnostics, Each For Document Restoration	10.11	
02 90 50 00-0128	EA	Cleaning Antique Books, Each For Document Restoration	303.05	
02 90 50 00-0129	EA	Cleaning Catheter Roll, Per Roll For Document Restoration	40.40	
02 90 50 00-0130	EA	Cleaning CD And DVD, Per Disc For Document Restoration	4.06	
02 90 50 00-0131	EA	Cleaning Level 1 - Blue Prints, Each For Document Restoration	4.21	
02 90 50 00-0132	CF	Cleaning Level 1 - Document Per CF For Document Restoration	130.36	
02 90 50 00-0133	EA	Cleaning Level 1 - Linen, Each For Document Restoration	4.21	
02 90 50 00-0134	EA	Cleaning Level 1 - Mylar, Each For Document Restoration	4.21	
02 90 50 00-0135	EA	Cleaning Level 2 - Blue Print, Each For Document Restoration	5.23	
02 90 50 00-0136	CF	Cleaning Level 2 - Document Per CF For Document Restoration	195.37	
02 90 50 00-0137	EA	Cleaning Level 2 - Linen, Each For Document Restoration	5.23	
02 90 50 00-0138	EA	Cleaning Level 2 - Mylar, Each For Document Restoration	5.23	
02 90 50 00-0139	EA	Cleaning Level 3 - Blue Prints, Each For Document Restoration	7.41	
02 90 50 00-0140	CF	Cleaning Level 3 - Document Per CF For Document Restoration	260.68	
02 90 50 00-0141	EA	Cleaning Level 3 - Linen, Each For Document Restoration	7.41	
02 90 50 00-0142	EA	Cleaning Level 3 - Mylar, Each For Document Restoration	7.41	
02 90 50 00-0143	EA	Cleaning Level 4 - All Fire-Blue Print, Each For Document Restoration	10.39	
02 90 50 00-0144	EA	Cleaning Level 4 - All Fire-Linen, Each For Document Restoration	10.39	
02 90 50 00-0145	EA	Cleaning Level 4 - All Fire-Mylar, Each For Document Restoration	10.39	
02 90 50 00-0146	CF	Cleaning Level 4 - Light Fire-Document Per CF For Document Restoration	325.79	
02 90 50 00-0147	EA	Cleaning Level 5 - Severe Fire-Blue Print, Each For Document Restoration	11.52	
02 90 50 00-0148	CF	Cleaning Level 5 - Severe Fire-Document Per CF For Document Restoration	488.83	
02 90 50 00-0149	EA	Cleaning Level 5 - Severe Fire-Linen, Each For Document Restoration	11.52	
02 90 50 00-0150	EA	Cleaning Level 5 - Severe Fire-Mylar, Each For Document Restoration	11.52	
02 90 50 00-0151	EA	Cleaning Microfiche Sheets, Each For Document Restoration	4.09	
02 90 50 00-0152	EA	Cleaning Microfiche Strips, Each For Document Restoration	0.95	
02 90 50 00-0153	EA	Cleaning Microfilm Rolls (In House), Per Roll For Document Restoration	101.02	
02 90 50 00-0154	EA	Cleaning Microfilm Rolls (Outside), Per Roll For Document Restoration	141.44	
02 90 50 00-0155	EA	Cleaning Photographs Negatives, Per Negative For Document Restoration	4.09	
02 90 50 00-0156	EA	Cleaning Photographs, Each For Document Restoration	0.95	
02 90 50 00-0157	EA	Cleaning Record Albums, Each For Document Restoration	4.06	
02 90 50 00-0158	EA	Cleaning VHS And Beta Tapes-In House, Each For Document Restoration	10.11	
02 90 50 00-0159	EA	Cleaning VHS And Beta Tapes-Outside, Each For Document Restoration	40.40	
02 90 50 00-0160	EA	Cleaning X Ray 1-1000, Per Film For Document Restoration	5.58	
02 90 50 00-0161	EA	Cleaning X Ray 1K-5K, Per Film For Document Restoration	4.76	
02 90 50 00-0162	EA	Cleaning X Ray 5K-Up, Per Film For Document Restoration	3.74	
02 90 50 00-0163	EA	Copying Clean Water, Per Page For Document Restoration	0.54	
02 90 50 00-0164	EA	Copying Greywater Fire, Per Page For Document Restoration	1.09	
02 90 50 00-0165	CF	Deodorization, Vapor Tech For Document Restoration	7.03	
02 90 50 00-0166	CF	Disinfectant-Fogging For Document Restoration	14.17	
02 90 50 00-0167	EA	Document Disposal In House No Shredding For Document Restoration	54.65	
02 90 50 00-0168	EA	Document Disposal In House With Shredding For Document Restoration	14.91	
02 90 50 00-0169	CF	Up To 150 CF, Drying-MCS Center For Document Restoration	181.83	
02 90 50 00-0170	CF	>150 To 500 CF, Drying-MCS Center For Document Restoration	141.44	
02 90 50 00-0171	CF	>500 CF, Drying-MCS Center For Document Restoration	121.22	
02 90 50 00-0172	CF	>50 To 150 CF, Drying-MCS Center For Document Restoration	161.63	
02 90 50 00-0173	CF	Up To 500 CF, Drying-Onsite For Document Restoration	303.05	
02 90 50 00-0174	CF	>500 CF, Drying-Onsite For Document Restoration	185.91	
02 90 50 00-0175	EA	Drying Antique Books, Each For Document Restoration	40.40	
02 90 50 00-0176	EA	Drying Blue Prints, Each For Document Restoration	5.05	
02 90 50 00-0177	EA	DVD Scanning And Diagnostics, Each For Document Restoration	10.11	
02 90 50 00-0178	EA	Freeze Drying (In House) For Document Restoration	135.56	
02 90 50 00-0179	EA	Freeze Drying (Outside) For Document Restoration	116.19	
02 90 50 00-0180	EA	Up To 48 CF, Irradiation - Gamma (Minimum Charge) For Document Restoration	3,195.22	
02 90 50 00-0181	CF	>48 CF, Irradiation - Gamma (Per CF Charge) For Document Restoration	29.05	
02 90 50 00-0182	EA	Minimal Drying Jobs For Document Restoration	1,345.87	
02 90 50 00-0183	EA	Monthly Storage For Document Restoration	225.04	
02 90 50 00-0184	EA	Mylar Prints For Document Restoration	10.11	
02 90 50 00-0185	CF	Ozoning For Document Restoration	6.32	
02 90 50 00-0186	CF	Stabilization Freezer Storage, Per Cubic Foot Per Month For Document Restoration	11.70	
02 90 50 00-0187	MO	Stabilization Freezer Storage, Per Page-Per Month For Document Restoration	0.10	
02 90 50 00-0188	EA	Wood Pallets, Each For Document Restoration	32.51	

02 90 55 Emergency Clean-up *(02 90)*

02 90 55 00-0001 Emergency Clean-up *(02 90 55)*

Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Cleaning, Contents Manipulation, and Water Emergency Clean-up sections.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 55 00-0002		**Emergency Clean-up Labor** *(02 90 55 00-0001)* Note: Used in the performance of time and material projects. Labor costs are based on workers familiar with and skilled in the performance of the task following restoration requirements. Not to be used in conjunction with tasks in the Cleaning, Contents Manipulation, and Water Emergency Clean-up sections.		
02 90 55 00-0003	HR	Skilled Tradesman For Emergency Clean Up	62.16	
02 90 55 00-0004	HR	Restoration / Document Laborer For Emergency Clean Up	43.51	
02 90 55 00-0005	HR	Restoration / Document Supervisor For Emergency Clean Up	59.83	
02 90 55 00-0006	HR	Restoration / Document Project Manager For Emergency Clean Up	97.90	
02 90 55 00-0007	HR	Assistant Project Manager For Emergency Clean Up	81.58	
02 90 55 00-0008	HR	Senior Project Manager For Emergency Clean Up	114.22	
02 90 55 00-0009	HR	Project Director / Document Consultant / Account Manager For Emergency Clean Up	163.17	
02 90 55 00-0010	HR	Equipment Technician For Emergency Clean Up	119.66	
02 90 55 00-0011	HR	Mold Remediation Laborer For Emergency Clean Up	59.57	
02 90 55 00-0012	HR	Mold Remediation Supervisor For Emergency Clean Up	81.58	
02 90 55 00-0013	HR	Administrative Personnel For Emergency Clean Up	38.07	
02 90 55 00-0014	HR	Project Accountant For Emergency Clean Up	62.16	
02 90 55 00-0015	HR	Biohazard Technician For Emergency Clean Up	86.38	
02 90 55 00-0016	HR	Biohazard Supervisor For Emergency Clean Up	103.86	
02 90 55 00-0017	HR	Health And Safety Officer For Emergency Clean Up	93.24	
02 90 55 00-0018	HR	Resource And Logistics Coordinator For Emergency Clean Up	67.34	
02 90 55 00-0019	HR	Loss Control Specialist For Emergency Clean Up	65.27	
02 90 55 00-0020	HR	Moisture Control Specialist For Emergency Clean Up	53.87	
02 90 55 00-0021	HR	Mobilzation Support For Emergency Clean Up	33.15	
02 90 55 00-0022		**Emergency Clean-up Equipment** *(02 90 55 00-0001)* Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Cleaning, Contents Manipulation, and Water Emergency Clean-up sections.		
02 90 55 00-0023		**General Emergency Clean-up Equipment** *(02 90 55 00-0022)*		
02 90 55 00-0024	DAY	265 CFM Portable Ozone Machine, 12,000 MG/HR For Emergency Clean-up	108.38	
02 90 55 00-0025	WK	265 CFM Portable Ozone Machine, 12,000 MG/HR For Emergency Clean-up	413.44	
02 90 55 00-0026	MO	265 CFM Portable Ozone Machine, 12,000 MG/HR For Emergency Clean-up	1,131.95	
02 90 55 00-0027	DAY	13" Floor Buffer Rental For Emergency Clean-up	39.42	
02 90 55 00-0028	WK	13" Floor Buffer Rental For Emergency Clean-up	88.86	
02 90 55 00-0029	MO	13" Floor Buffer Rental For Emergency Clean-up	245.29	
02 90 55 00-0030	DAY	17" Floor Buffer Rental For Emergency Clean-up	61.32	
02 90 55 00-0031	WK	17" Floor Buffer Rental For Emergency Clean-up	156.44	
02 90 55 00-0032	MO	17" Floor Buffer Rental For Emergency Clean-up	369.19	
02 90 55 00-0033	DAY	Walk Behind Floor Scrubber Rental For Emergency Clean-up	337.90	
02 90 55 00-0034	WK	Walk Behind Floor Scrubber Rental For Emergency Clean-up	907.34	
02 90 55 00-0035	MO	Walk Behind Floor Scrubber Rental For Emergency Clean-up	2,528.03	
02 90 55 00-0036	DAY	Ride-On Floor Scrubber Rental For Emergency Clean-up	763.42	
02 90 55 00-0037	WK	Ride-On Floor Scrubber Rental For Emergency Clean-up	2,014.92	
02 90 55 00-0038	MO	Ride-On Floor Scrubber Rental For Emergency Clean-up	5,431.51	
02 90 55 00-0039	DAY	4 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	71.73	
02 90 55 00-0040	WK	4 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	203.78	
02 90 55 00-0041	MO	4 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	700.99	
02 90 55 00-0042	DAY	8 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	66.84	
02 90 55 00-0043	WK	8 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	179.32	
02 90 55 00-0044	MO	8 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	464.61	
02 90 55 00-0045	DAY	17 to 30 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	106.94	
02 90 55 00-0046	WK	17 to 30 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	305.17	
02 90 55 00-0047	MO	17 to 30 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	852.92	
02 90 55 00-0048	DAY	Truck Mounted Extractor Rental For Emergency Clean-up	994.41	
02 90 55 00-0049	WK	Truck Mounted Extractor Rental For Emergency Clean-up	2,983.22	
02 90 55 00-0050	MO	Truck Mounted Extractor Rental For Emergency Clean-up	8,949.65	
02 90 55 00-0051	DAY	16" Chain Saw Rental For Emergency Clean-up	78.25	
02 90 55 00-0052	WK	16" Chain Saw Rental For Emergency Clean-up	176.06	
02 90 55 00-0053	MO	16" Chain Saw Rental For Emergency Clean-up	469.50	
02 90 55 00-0054	DAY	20" Chain Saw Rental For Emergency Clean-up	97.81	
02 90 55 00-0055	WK	20" Chain Saw Rental For Emergency Clean-up	220.08	
02 90 55 00-0056	MO	20" Chain Saw Rental For Emergency Clean-up	586.87	
02 90 55 00-0057	EA	Cleaning Kit With Mop, Broom And Bucket For Emergency Clean-up	73.36	
02 90 55 00-0058	DAY	14" To 16" Electric Cut Off Saw Rental For Emergency Clean-up	104.33	
02 90 55 00-0059	WK	14" To 16" Electric Cut Off Saw Rental For Emergency Clean-up	285.28	
02 90 55 00-0060	MO	14" To 16" Electric Cut Off Saw Rental For Emergency Clean-up	798.80	
02 90 55 00-0061	DAY	12" To 14" Gasoline Cut Off Saw Rental For Emergency Clean-up	127.16	
02 90 55 00-0062	WK	12" To 14" Gasoline Cut Off Saw Rental For Emergency Clean-up	432.00	
02 90 55 00-0063	MO	12" To 14" Gasoline Cut Off Saw Rental For Emergency Clean-up	823.25	
02 90 55 00-0064	DAY	Wet Or Dry Portable Cleaning Unit For Emergency Clean-up	118.21	
02 90 55 00-0065	WK	Wet Or Dry Portable Cleaning Unit For Emergency Clean-up	325.08	
02 90 55 00-0066	MO	Wet Or Dry Portable Cleaning Unit For Emergency Clean-up	886.59	
02 90 55 00-0067	DAY	Extension Cords - 220 Volt For Emergency Clean-up	40.76	
02 90 55 00-0068	DAY	Extension Cords - 220 Volt Converter Box For Emergency Clean-up	24.45	
02 90 55 00-0069	DAY	Demolition Cart, 1 Yard For Emergency Clean-up	65.21	
02 90 55 00-0070	WK	Demolition Cart, 1 Yard For Emergency Clean-up	179.32	
02 90 55 00-0071	MO	Demolition Cart, 1 Yard For Emergency Clean-up	489.06	
02 90 55 00-0072	DAY	Demolition Cart, 1-1/2 Yard For Emergency Clean-up	81.51	
02 90 55 00-0073	WK	Demolition Cart, 1-1/2 Yard For Emergency Clean-up	224.15	
02 90 55 00-0074	MO	Demolition Cart, 1-1/2 Yard For Emergency Clean-up	611.32	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 55 00-0075	EA	Demolition Kit With Wheel Barrow, Shovel And Broom For Emergency Clean-up	122.26	
02 90 55 00-0076	DAY	Dry-Ice Blasting System For Emergency Clean-up	1,752.59	
02 90 55 00-0077	DAY	Fogger - Mist For Emergency Clean-up	34.77	
02 90 55 00-0078	WK	Fogger - Mist For Emergency Clean-up	95.61	
02 90 55 00-0079	MO	Fogger - Mist For Emergency Clean-up	260.76	
02 90 55 00-0080	DAY	Fogger - Electric Thermal For Emergency Clean-up	50.07	
02 90 55 00-0081	WK	Fogger - Electric Thermal For Emergency Clean-up	137.68	
02 90 55 00-0082	MO	Fogger - Electric Thermal For Emergency Clean-up	375.50	
02 90 55 00-0083	DAY	Fogger - Gas Power Thermal For Emergency Clean-up	196.82	
02 90 55 00-0084	WK	Fogger - Gas Power Thermal For Emergency Clean-up	541.27	
02 90 55 00-0085	MO	Fogger - Gas Power Thermal For Emergency Clean-up	1,476.18	
02 90 55 00-0086	EA	Gang Box, Demo/Framing (One Time Per Job) For Emergency Clean-up	165.56	
02 90 55 00-0087	WK	Gang Box, Demo/Framing (One Time Per Job) For Emergency Clean-up	455.30	
02 90 55 00-0088	MO	Gang Box, Demo/Framing (One Time Per Job) For Emergency Clean-up	1,241.72	
02 90 55 00-0089	DAY	Hand Trucks/Dollies For Emergency Clean-up	19.56	
02 90 55 00-0090	WK	Hand Trucks/Dollies For Emergency Clean-up	53.80	
02 90 55 00-0091	MO	Hand Trucks/Dollies For Emergency Clean-up	146.72	
02 90 55 00-0092	DAY	Heat Gun - Shrink Wrap For Emergency Clean-up	135.02	
02 90 55 00-0093	WK	Heat Gun - Shrinkwrap For Emergency Clean-up	371.31	
02 90 55 00-0094	MO	Heat Gun - Shrinkwrap For Emergency Clean-up	1,012.67	
02 90 55 00-0095	DAY	High Efficiency Particulate Air (HEPA) Negative Air Machine For Emergency Clean-up Note: Includes all filters.	145.70	
02 90 55 00-0096	DAY	Ladder For Emergency Clean-up	27.71	
02 90 55 00-0097	DAY	Lights - Demo, Drop, Stand, String For Emergency Clean-up	25.03	
02 90 55 00-0098	DAY	Lights - Wobble For Emergency Clean-up	30.60	
02 90 55 00-0099	DAY	Moisture Meter For Emergency Clean-up	41.72	
02 90 55 00-0100	WK	Moisture Meter For Emergency Clean-up	114.73	
02 90 55 00-0101	MO	Moisture Meter For Emergency Clean-up	312.91	
02 90 55 00-0102	DAY	Nail Gun For Emergency Clean-up	73.36	
02 90 55 00-0103	WK	Nail Gun For Emergency Clean-up	201.74	
02 90 55 00-0104	MO	Nail Gun For Emergency Clean-up	550.19	
02 90 55 00-0105	DAY	Ozone Generator For Emergency Clean-up	173.84	
02 90 55 00-0106	DAY	PPE (Personal Protective Equipment) Mold Remediation Related For Emergency Clean-up	97.81	
02 90 55 00-0107	DAY	Portable Generator, Up To 7,500 Watt For Emergency Clean-up	139.07	
02 90 55 00-0108	DAY	Pressure Washer, Hot For Emergency Clean-up	208.61	
02 90 55 00-0109	DAY	Pressure Washer, Cold For Emergency Clean-up	139.07	
02 90 55 00-0110	DAY	Scaffolding - Per Section For Emergency Clean-up	105.96	
02 90 55 00-0111	DAY	Small Tools - Tool Box For Emergency Clean-up	40.76	
02 90 55 00-0112	DAY	Soda Blasting Equipment For Emergency Clean-up	1,739.09	
02 90 55 00-0113	DAY	Sprayer - Hudson For Emergency Clean-up	13.04	
02 90 55 00-0114	WK	Sprayer - Hudson For Emergency Clean-up	35.86	
02 90 55 00-0115	MO	Sprayer - Hudson For Emergency Clean-up	97.81	
02 90 55 00-0116	DAY	0.47 GPM, Airless Paint Sprayer For Emergency Clean-up	88.10	
02 90 55 00-0117	WK	0.47 GPM, Airless Paint Sprayer For Emergency Clean-up	259.20	
02 90 55 00-0118	MO	0.47 GPM, Airless Paint Sprayer For Emergency Clean-up	887.19	
02 90 55 00-0119	DAY	0.60 GPM, Airless Paint Sprayer For Emergency Clean-up	173.71	
02 90 55 00-0120	WK	0.60 GPM, Airless Paint Sprayer For Emergency Clean-up	409.47	
02 90 55 00-0121	MO	0.60 GPM, Airless Paint Sprayer For Emergency Clean-up	1,141.56	
02 90 55 00-0122	DAY	0.80 GPM, Airless Paint Sprayer For Emergency Clean-up	186.12	
02 90 55 00-0123	WK	0.80 GPM, Airless Paint Sprayer For Emergency Clean-up	465.31	
02 90 55 00-0124	MO	0.80 GPM, Airless Paint Sprayer For Emergency Clean-up	1,253.23	
02 90 55 00-0125	DAY	Storage Space (Per SF Per Day) For Emergency Clean-up	4.69	
02 90 55 00-0126	DAY	Submersible Pump For Emergency Clean-up	34.77	
02 90 55 00-0127	DAY	Trash Pump - 2" Gas Powered For Emergency Clean-up	250.24	
02 90 55 00-0128	DAY	Vehicle, Pick-up, SUV, Car For Emergency Clean-up	124.22	
02 90 55 00-0129	DAY	Vehicle, Van For Emergency Clean-up	202.53	
02 90 55 00-0130	DAY	16' Or 24' Box Truck Vehicle For Emergency Clean-up Note: Includes Mileage	273.37	
02 90 55 00-0131	DAY	Trailer - Refrigerated 40' Storage For Emergency Clean-up	269.14	
02 90 55 00-0132	DAY	Utility Trailer For Emergency Clean-up Note: Includes Mileage	224.14	
02 90 55 00-0133	DAY	Truck Mount, Per Wand Extraction For Emergency Clean-up	1,010.87	
02 90 55 00-0134	DAY	High Efficiency Particulate Air (HEPA) Backpack Vacuum For Emergency Clean-up	34.77	
02 90 55 00-0135	WK	High Efficiency Particulate Air (HEPA) Backpack Vacuum For Emergency Clean-up	95.61	
02 90 55 00-0136	MO	High Efficiency Particulate Air (HEPA) Backpack Vacuum For Emergency Clean-up	260.76	
02 90 55 00-0137	DAY	12 Gallon, Industrial High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up	118.21	
02 90 55 00-0138	WK	12 Gallon, Industrial High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up	325.08	
02 90 55 00-0139	MO	12 Gallon, Industrial High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up	886.59	
02 90 55 00-0140	DAY	Vacuum - Upright For Emergency Clean-up	29.70	
02 90 55 00-0141	WK	Vacuum - Upright For Emergency Clean-up	81.69	
02 90 55 00-0142	MO	Vacuum - Upright For Emergency Clean-up	222.79	
02 90 55 00-0143	DAY	12 To 23 Gallon, Wet/Dry Shop Vacuum For Emergency Clean-up	50.54	
02 90 55 00-0144	WK	12 To 23 Gallon, Wet/Dry Shop Vacuum For Emergency Clean-up	125.53	
02 90 55 00-0145	MO	12 To 23 Gallon, Wet/Dry Shop Vacuum For Emergency Clean-up	301.59	
02 90 55 00-0146	DAY	55 Gallon Wet/Dry Drum Top Vacuum For Emergency Clean-up	50.54	
02 90 55 00-0147	WK	55 Gallon Wet/Dry Drum Top Vacuum For Emergency Clean-up	125.53	
02 90 55 00-0148	MO	55 Gallon Wet/Dry Drum Top Vacuum For Emergency Clean-up	317.89	
02 90 55 00-0149	DAY	17 Gallon Wet Vacuum With Pump Discharge For Emergency Clean-up	115.74	
02 90 55 00-0150	WK	17 Gallon Wet Vacuum With Pump Discharge For Emergency Clean-up	309.74	
02 90 55 00-0151	MO	17 Gallon Wet Vacuum With Pump Discharge For Emergency Clean-up	864.01	
02 90 55 00-0152	DAY	Zip Wall Poles (Per 2 Poles) For Emergency Clean-up	34.77	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 55 00-0153	WK	Zip Wall Poles (Per 2 Poles) For Emergency Clean-up	95.61	
02 90 55 00-0154	MO	Zip Wall Poles (Per 2 Poles) For Emergency Clean-up	260.76	
02 90 55 00-0155	DAY	10' x 10' Canopy For Emergency Clean-up	102.70	
02 90 55 00-0156	WK	10' x 10' Canopy For Emergency Clean-up	205.41	
02 90 55 00-0157	MO	10' x 10' Canopy For Emergency Clean-up	410.81	
02 90 55 00-0158	DAY	10' x 20' Canopy For Emergency Clean-up	205.41	
02 90 55 00-0159	WK	10' x 20' Canopy For Emergency Clean-up	410.81	
02 90 55 00-0160	MO	10' x 20' Canopy For Emergency Clean-up	821.62	
02 90 55 00-0161	DAY	16' x 16' Canopy For Emergency Clean-up	257.57	
02 90 55 00-0162	WK	16' x 16' Canopy For Emergency Clean-up	515.14	
02 90 55 00-0163	MO	16' x 16' Canopy For Emergency Clean-up	1,030.29	
02 90 55 00-0164	DAY	20' x 20' Canopy For Emergency Clean-up	342.34	
02 90 55 00-0165	WK	20' x 20' Canopy For Emergency Clean-up	684.68	
02 90 55 00-0166	MO	20' x 20' Canopy For Emergency Clean-up	1,369.37	
02 90 55 00-0167	DAY	20' x 30' Canopy For Emergency Clean-up	391.25	
02 90 55 00-0168	WK	20' x 30' Canopy For Emergency Clean-up	782.50	
02 90 55 00-0169	MO	20' x 30' Canopy For Emergency Clean-up	1,564.99	
02 90 55 00-0170	DAY	20' x 40' Canopy For Emergency Clean-up	456.46	
02 90 55 00-0171	WK	20' x 40' Canopy For Emergency Clean-up	912.91	
02 90 55 00-0172	MO	20' x 40' Canopy For Emergency Clean-up	1,825.82	
02 90 55 00-0173	DAY	First Aid Station For Emergency Clean-up	246.49	
02 90 55 00-0174	WK	First Aid Station For Emergency Clean-up	677.84	
02 90 55 00-0175	MO	First Aid Station For Emergency Clean-up	1,848.65	
02 90 55 00-0176	DAY	Portable Eyewash Station For Emergency Clean-up	74.86	
02 90 55 00-0177	WK	Portable Eyewash Station For Emergency Clean-up	205.86	
02 90 55 00-0178	MO	Portable Eyewash Station For Emergency Clean-up	561.44	
02 90 55 00-0179	DAY	2 Way Radio For Emergency Clean-up	40.67	

02 90 55 00-0180 Technical/Electronics Restoration Equipment *(02 90 55 00-0022)*

02 90 55 00-0181	DAY	Computer - Diagnostic For Emergency Clean-up	40.76	
02 90 55 00-0182	WK	Computer - Diagnostic For Emergency Clean-up	112.08	
02 90 55 00-0183	MO	Computer - Diagnostic For Emergency Clean-up	305.66	
02 90 55 00-0184	DAY	Convection Oven - Large For Emergency Clean-up	785.83	
02 90 55 00-0185	WK	Convection Oven - Large For Emergency Clean-up	2,161.04	
02 90 55 00-0186	MO	Convection Oven - Large For Emergency Clean-up	5,893.73	
02 90 55 00-0187	DAY	Convection Oven - Small For Emergency Clean-up	146.72	
02 90 55 00-0188	WK	Convection Oven - Small For Emergency Clean-up	403.47	
02 90 55 00-0189	MO	Convection Oven - Small For Emergency Clean-up	1,100.38	
02 90 55 00-0190	DAY	Convection Oven - Vacuum For Emergency Clean-up	1,121.59	
02 90 55 00-0191	WK	Convection Oven - Vacuum For Emergency Clean-up	3,084.36	
02 90 55 00-0192	MO	Convection Oven - Vacuum For Emergency Clean-up	8,411.90	
02 90 55 00-0193	DAY	Decontamination Booth For Emergency Clean-up	927.15	
02 90 55 00-0194	WK	Decontamination Booth For Emergency Clean-up	2,549.67	
02 90 55 00-0195	MO	Decontamination Booth For Emergency Clean-up	6,953.66	
02 90 55 00-0196	DAY	DI Water System For Emergency Clean-up	72.01	
02 90 55 00-0197	WK	DI Water System For Emergency Clean-up	198.03	
02 90 55 00-0198	MO	DI Water System For Emergency Clean-up	540.09	
02 90 55 00-0199	DAY	ESD Bench Workstation For Emergency Clean-up	44.11	
02 90 55 00-0200	WK	ESD Bench Workstation For Emergency Clean-up	121.30	
02 90 55 00-0201	MO	ESD Bench Workstation For Emergency Clean-up	330.81	
02 90 55 00-0202	DAY	Heater/Enclosure Control System For Emergency Clean-up	24.45	
02 90 55 00-0203	WK	Heater/Enclosure Control System For Emergency Clean-up	67.25	
02 90 55 00-0204	MO	Heater/Enclosure Control System For Emergency Clean-up	183.40	
02 90 55 00-0205	DAY	Hi-Tech Mobile Cart/Workstation For Emergency Clean-up	113.42	
02 90 55 00-0206	WK	Hi-Tech Mobile Cart/Workstation For Emergency Clean-up	311.90	
02 90 55 00-0207	MO	Hi-Tech Mobile Cart/Workstation For Emergency Clean-up	850.64	
02 90 55 00-0208	DAY	Micro-Blaster/Dust Collector For Emergency Clean-up	366.80	
02 90 55 00-0209	WK	Micro-Blaster/Dust Collector For Emergency Clean-up	1,008.69	
02 90 55 00-0210	MO	Micro-Blaster/Dust Collector For Emergency Clean-up	2,750.96	
02 90 55 00-0211	DAY	Mobile Laboratory For Emergency Clean-up	1,018.88	
02 90 55 00-0212	WK	Mobile Laboratory For Emergency Clean-up	2,801.91	
02 90 55 00-0213	MO	Mobile Laboratory For Emergency Clean-up	7,641.56	
02 90 55 00-0214	DAY	Nitrogen Enclosure Cabinet For Emergency Clean-up	19.56	
02 90 55 00-0215	WK	Nitrogen Enclosure Cabinet For Emergency Clean-up	53.80	
02 90 55 00-0216	MO	Nitrogen Enclosure Cabinet For Emergency Clean-up	146.72	
02 90 55 00-0217	DAY	Odell Cleaning Station For Emergency Clean-up	570.57	
02 90 55 00-0218	WK	Odell Cleaning Station For Emergency Clean-up	1,569.07	
02 90 55 00-0219	MO	Odell Cleaning Station For Emergency Clean-up	4,279.28	
02 90 55 00-0220	DAY	Parts Washer For Emergency Clean-up	40.76	
02 90 55 00-0221	WK	Parts Washer For Emergency Clean-up	112.08	
02 90 55 00-0222	MO	Parts Washer For Emergency Clean-up	305.66	
02 90 55 00-0223	DAY	Ultrasonic Cleaning System For Emergency Clean-up	337.56	
02 90 55 00-0224	WK	Ultrasonic Cleaning System For Emergency Clean-up	928.28	
02 90 55 00-0225	MO	Ultrasonic Cleaning System For Emergency Clean-up	2,531.67	
02 90 55 00-0226	DAY	Technical High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up	160.68	
02 90 55 00-0227	WK	Technical High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up	441.86	
02 90 55 00-0228	MO	Technical High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up	1,205.08	

02 90 55 00-0229 Drying/Dehumidification Equipment *(02 90 55 00-0022)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 55 00-0230	DAY	202 CFM Water Extraction Unit With Dual 3-Stage Vacuums For Emergency Clean-up Note: Includes 25' high-pressure solution hose and 25' Vacuum hose.	173.84	
02 90 55 00-0231	WK	202 CFM Water Extraction Unit With Dual 3-Stage Vacuums For Emergency Clean-up Note: Includes 25' high-pressure solution hose and 25' Vacuum hose.	478.06	
02 90 55 00-0232	MO	202 CFM Water Extraction Unit With Dual 3-Stage Vacuums For Emergency Clean-up Note: Includes 25' high-pressure solution hose and 25' Vacuum hose.	1,303.80	
02 90 55 00-0233	DAY	2,200 CFM Centrifugal Air Mover For Emergency Clean-up	59.36	
02 90 55 00-0234	WK	2,200 CFM Centrifugal Air Mover For Emergency Clean-up	163.24	
02 90 55 00-0235	MO	2,200 CFM Centrifugal Air Mover For Emergency Clean-up	445.20	
02 90 55 00-0236	DAY	3,000 CFM Axial Air Mover For Emergency Clean-up	98.93	
02 90 55 00-0237	WK	3,000 CFM Axial Air Mover For Emergency Clean-up	272.07	
02 90 55 00-0238	MO	3,000 CFM Axial Air Mover For Emergency Clean-up	742.00	
02 90 55 00-0239	DAY	Injectidry System For Emergency Clean-up	215.56	
02 90 55 00-0240	WK	Injectidry System For Emergency Clean-up	592.80	
02 90 55 00-0241	MO	Injectidry System For Emergency Clean-up	1,616.72	
02 90 55 00-0242	DAY	Up To 100 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	139.07	
02 90 55 00-0243	WK	Up To 100 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	382.45	
02 90 55 00-0244	MO	Up To 100 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	1,043.04	
02 90 55 00-0245	DAY	>100 To 175 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	165.56	
02 90 55 00-0246	WK	>100 To 175 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	455.30	
02 90 55 00-0247	MO	>100 To 175 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	1,241.72	
02 90 55 00-0248	DAY	>175 To 250 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	192.05	
02 90 55 00-0249	WK	>175 To 250 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	528.14	
02 90 55 00-0250	MO	>175 To 250 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	1,440.39	
02 90 55 00-0251	DAY	Phoenix 200 Refrigerant Dehumidifier For Emergency Clean-up	205.30	
02 90 55 00-0252	WK	Phoenix 200 Refrigerant Dehumidifier For Emergency Clean-up	564.57	
02 90 55 00-0253	MO	Phoenix 200 Refrigerant Dehumidifier For Emergency Clean-up	1,539.73	
02 90 55 00-0254	DAY	Phoenix 300 Refrigerant Dehumidifier For Emergency Clean-up	205.30	
02 90 55 00-0255	WK	Phoenix 300 Refrigerant Dehumidifier For Emergency Clean-up	564.57	
02 90 55 00-0256	MO	Phoenix 300 Refrigerant Dehumidifier For Emergency Clean-up	1,539.73	
02 90 55 00-0257	DAY	D-500 Desiccant Dehumidifier For Emergency Clean-up	231.79	
02 90 55 00-0258	WK	D-500 Desiccant Dehumidifier For Emergency Clean-up	637.42	
02 90 55 00-0259	MO	D-500 Desiccant Dehumidifier For Emergency Clean-up	1,738.41	
02 90 55 00-0260	DAY	D-750 Desiccant Dehumidifier For Emergency Clean-up	486.75	
02 90 55 00-0261	WK	D-750 Desiccant Dehumidifier For Emergency Clean-up	1,338.57	
02 90 55 00-0262	MO	D-750 Desiccant Dehumidifier For Emergency Clean-up	3,650.65	
02 90 55 00-0263	DAY	D-1000 Desiccant Dehumidifier For Emergency Clean-up	834.44	
02 90 55 00-0264	WK	D-1000 Desiccant Dehumidifier For Emergency Clean-up	2,294.70	
02 90 55 00-0265	MO	D-1000 Desiccant Dehumidifier For Emergency Clean-up	6,258.26	
02 90 55 00-0266	DAY	D-1500 Desiccant Dehumidifier For Emergency Clean-up	1,284.76	
02 90 55 00-0267	WK	D-1500 Desiccant Dehumidifier For Emergency Clean-up	3,533.10	
02 90 55 00-0268	MO	D-1500 Desiccant Dehumidifier For Emergency Clean-up	9,635.74	
02 90 55 00-0269	DAY	D-2000 Desiccant Dehumidifier For Emergency Clean-up	1,284.76	
02 90 55 00-0270	WK	D-2000 Desiccant Dehumidifier For Emergency Clean-up	3,533.10	
02 90 55 00-0271	MO	D-2000 Desiccant Dehumidifier For Emergency Clean-up	9,635.74	
02 90 55 00-0272	DAY	D-2250 Desiccant Dehumidifier For Emergency Clean-up	1,341.72	
02 90 55 00-0273	WK	D-2250 Desiccant Dehumidifier For Emergency Clean-up	3,689.73	
02 90 55 00-0274	MO	D-2250 Desiccant Dehumidifier For Emergency Clean-up	10,062.89	
02 90 55 00-0275	DAY	D-3000 Desiccant Dehumidifier For Emergency Clean-up	1,668.87	
02 90 55 00-0276	WK	D-3000 Desiccant Dehumidifier For Emergency Clean-up	4,589.39	
02 90 55 00-0277	MO	D-3000 Desiccant Dehumidifier For Emergency Clean-up	12,516.52	
02 90 55 00-0278	DAY	D-4500 Desiccant Dehumidifier For Emergency Clean-up	1,877.48	
02 90 55 00-0279	WK	D-4500 Desiccant Dehumidifier For Emergency Clean-up	5,163.07	
02 90 55 00-0280	MO	D-4500 Desiccant Dehumidifier For Emergency Clean-up	14,081.09	
02 90 55 00-0281	DAY	D-5000 Desiccant Dehumidifier For Emergency Clean-up	2,016.55	
02 90 55 00-0282	WK	D-5000 Desiccant Dehumidifier For Emergency Clean-up	5,545.52	
02 90 55 00-0283	MO	D-5000 Desiccant Dehumidifier For Emergency Clean-up	15,124.13	
02 90 55 00-0284	DAY	D-9000 Desiccant Dehumidifier For Emergency Clean-up	2,649.00	
02 90 55 00-0285	WK	D-9000 Desiccant Dehumidifier For Emergency Clean-up	7,284.75	
02 90 55 00-0286	MO	D-9000 Desiccant Dehumidifier For Emergency Clean-up	19,867.50	
02 90 55 00-0287	DAY	D-10500 Desiccant Dehumidifier For Emergency Clean-up	2,781.45	
02 90 55 00-0288	WK	D-10500 Desiccant Dehumidifier For Emergency Clean-up	7,648.99	
02 90 55 00-0289	MO	D-10500 Desiccant Dehumidifier For Emergency Clean-up	20,860.88	
02 90 55 00-0290	DAY	3.5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	660.83	
02 90 55 00-0291	WK	3.5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	1,817.28	
02 90 55 00-0292	MO	3.5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	4,956.23	
02 90 55 00-0293	DAY	5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	915.00	
02 90 55 00-0294	WK	5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	2,516.24	
02 90 55 00-0295	MO	5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	6,862.47	
02 90 55 00-0296	DAY	10 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	834.44	
02 90 55 00-0297	WK	10 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	2,294.70	
02 90 55 00-0298	MO	10 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	6,258.26	
02 90 55 00-0299	DAY	25 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	1,112.58	
02 90 55 00-0300	WK	25 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	3,059.60	
02 90 55 00-0301	MO	25 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	8,344.35	
02 90 55 00-0302	DAY	50 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	1,877.48	
02 90 55 00-0303	WK	50 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	5,163.07	
02 90 55 00-0304	MO	50 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	14,081.09	
02 90 55 00-0305	DAY	80 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	2,086.09	
02 90 55 00-0306	WK	80 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	5,736.74	
02 90 55 00-0307	MO	80 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	15,645.66	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 55 00-0308	DAY	25' Flex Duct For Emergency Clean-up	27.81	
02 90 55 00-0309	WK	25' Flex Duct For Emergency Clean-up	76.49	
02 90 55 00-0310	MO	25' Flex Duct For Emergency Clean-up	208.61	
02 90 55 00-0311	DAY	Hygrothermograph For Emergency Clean-up	40.76	
02 90 55 00-0312	WK	Hygrothermograph For Emergency Clean-up	112.08	
02 90 55 00-0313	MO	Hygrothermograph For Emergency Clean-up	305.66	
02 90 55 00-0314	DAY	Dehumidification Trailer With 1,500 CFM Desiccant Unit For Emergency Clean-up Note: Includes 400 KW generator, 1500 CFM desiccant DH, 25 Ton DX unit, 1000 gallon fuel tank, and limited electrical distribution.	9,567.86	
02 90 55 00-0315	WK	Dehumidification Trailer With 1,500 CFM Desiccant Unit For Emergency Clean-up Note: Includes 400 KW generator, 1500 CFM desiccant DH, 25 Ton DX unit, 1000 gallon fuel tank, and limited electrical distribution.	26,311.62	
02 90 55 00-0316	MO	Dehumidification Trailer With 1,500 CFM Desiccant Unit For Emergency Clean-up Note: Includes 400 KW generator, 1500 CFM desiccant DH, 25 Ton DX unit, 1000 gallon fuel tank, and limited electrical distribution.	71,758.97	

02 90 55 00-0317 Power Equipment *(02 90 55 00-0022)*

02 90 55 00-0318	WK	Up to 65 KVA Generator For Emergency Clean-up	1,258.72	
02 90 55 00-0319	WK	>65 to 125 KVA Generator For Emergency Clean-up	2,130.15	
02 90 55 00-0320	WK	>125 to 250 KVA Generator For Emergency Clean-up	2,077.59	
02 90 55 00-0321	WK	>250 to 375 KVA Generator For Emergency Clean-up	3,582.52	
02 90 55 00-0322	WK	>375 Up to 440 KVA Generator For Emergency Clean-up	4,841.25	
02 90 55 00-0323	WK	>440 to 625 KVA Generator For Emergency Clean-up	7,289.80	
02 90 55 00-0324	WK	>625 to 800 KVA Generator For Emergency Clean-up	7,455.52	
02 90 55 00-0325	WK	>800 to 1,000 KVA Generator For Emergency Clean-up	9,972.98	
02 90 55 00-0326	WK	>1,000 to 1,500 KVA Generator For Emergency Clean-up	15,007.88	
02 90 55 00-0327	EA	Generator Cable/Pigtails (Per Section) For Emergency Clean-up	32.53	
02 90 55 00-0328	EA	Sub-Distribution Panel (Spider Box) For Emergency Clean-up	155.89	
02 90 55 00-0329	EA	Electrical Distribution Panel For Emergency Clean-up	337.56	
02 90 55 00-0330	EA	Quad Box Strings (25' Sections) For Emergency Clean-up	58.58	
02 90 55 00-0331	EA	50' Power Cord For Spider Box For Emergency Clean-up	54.22	
02 90 55 00-0332	EA	Pig Tails (Per Each) For Emergency Clean-up	4.08	

02 90 55 00-0333 Freight Charges *(02 90 55 00-0022)*

02 90 55 00-0334	MI	Freight Up To 1 Ton Pick Up Truck For Emergency Clean-up Equipment	2.04	
02 90 55 00-0335	MI	Freight >1 Ton Pick Up Truck For Emergency Clean-up Equipment	3.67	
02 90 55 00-0336	MI	Freight 16' Or 24' Box Truck For Emergency Clean-up Equipment	3.67	
02 90 55 00-0337	MI	Freight Tractor Trailer For Emergency Clean-up Equipment	5.30	

02 90 55 00-0338 Emergency Clean-up Personal Protection Equipment *(02 90 55 00-0001)*

Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Cleaning, Contents Manipulation, and Water Emergency Clean-up sections.

02 90 55 00-0339	EA	Tyvek Coveralls For Emergency Clean-up Personal Protection Equipment	11.51	
02 90 55 00-0340	EA	Tyvek Coveralls With Elastic Wrists And Ankles For Emergency Clean-up Personal Protection Equipment	14.08	
02 90 55 00-0341	EA	Tyvek Coveralls With Hood, Elastic Wrists And Ankles For Emergency Clean-up Personal Protection Equipment	14.76	
02 90 55 00-0342	EA	Tyvek Coveralls With Hood, Boots, Elastic Wrists And Ankles For Emergency Clean-up Personal Protection Equipment	18.61	
02 90 55 00-0343	EA	Disposable Dual Cartridge Half-Mask Respirator For Emergency Clean-up Personal Protection Equipment	129.50	
02 90 55 00-0344	EA	N95 Respirator For Emergency Clean-up Personal Protection Equipment	5.04	
02 90 55 00-0345	EA	N95 Respirator With Valve For Emergency Clean-up Personal Protection Equipment	5.89	
02 90 55 00-0346	PR	3M Respirator Cartridges For Emergency Clean-up Personal Protection Equipment	39.54	
02 90 55 00-0347	EA	Respirator Cleaning Wipes, Per Box 100 For Emergency Clean-up Personal Protection Equipment	31.64	
02 90 55 00-0348	PR	P100 Respirator Cartridges For Emergency Clean-up Personal Protection Equipment	39.54	
02 90 55 00-0349	EA	Respirator Cartridge For Emergency Clean-up Personal Protection Equipment	40.21	
02 90 55 00-0350	BOX	Dust Mask, Box of 50, For Emergency Clean-up Personal Protection Equipment	44.83	
02 90 55 00-0351	PR	Cotton Canvas Gloves For Emergency Clean-up Personal Protection Equipment	4.05	
02 90 55 00-0352	BOX	5 Mil, Disposable Latex Gloves, Box of 100, For Emergency Clean-up Personal Protection Equipment	20.86	
02 90 55 00-0353	PR	4 Mil, Disposable Nitrile Gloves For Emergency Clean-up Personal Protection Equipment	0.44	
02 90 55 00-0354	PR	5 Mil, Disposable Vinyl Gloves For Emergency Clean-up Personal Protection Equipment	0.37	
02 90 55 00-0355	PR	17 Mil, Latex Gloves For Emergency Clean-up Personal Protection Equipment	1.76	
02 90 55 00-0356	PR	15 Mil, Nitrile Gloves For Emergency Clean-up Personal Protection Equipment	4.19	
02 90 55 00-0357	PR	Vinyl Coated Gloves With Knit Lining For Emergency Clean-up Personal Protection Equipment	5.74	
02 90 55 00-0358	PR	30 Mil, Polyvinyl Chloride (PVC) And Polyvinyl Chloride (PVC) Blend Gloves For Emergency Clean-up Personal Protection Equipment	6.43	
02 90 55 00-0359	PR	Leather Gloves For Emergency Clean-up Personal Protection Equipment	10.44	
02 90 55 00-0360	EA	Heavy-Duty, Rubber Gloves For Emergency Clean-up Personal Protection Equipment	17.81	
02 90 55 00-0361	PR	Polycarbonate Lens Safety Goggles For Emergency Clean-up Personal Protection Equipment	12.06	
02 90 55 00-0362	PR	Chemical Splash/Impact Resistant, Polycarbonate Lens Safety Goggles For Emergency Clean-up Personal Protection Equipment	19.89	
02 90 55 00-0363	PR	Plastic Safety Glasses For Emergency Clean-up Personal Protection Equipment	5.28	
02 90 55 00-0364	EA	Safety Harness (Per Person/Day) For Emergency Clean-up Personal Protection Equipment	6.95	

02 90 55 00-0365 Emergency Clean-up Expendables *(02 90 55 00-0001)*

Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Cleaning, Contents Manipulation, and Water Emergency Clean-up sections.

02 90 55 00-0366 General Materials *(02 90 55 00-0365)*

02 90 55 00-0367	GAL	Adhesive Remover For Emergency Clean-up	83.44	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 55 00-0368	GAL	Bioside-HS Cleaning Solution For Emergency Clean-up	27.79	
02 90 55 00-0369	GAL	Biocide Mold Cleaning Solution For Emergency Clean-up	35.46	
02 90 55 00-0370	EA	10" x 12" x 15" Cardboard Storage Box For Emergency Clean-up	4.40	
02 90 55 00-0371	EA	10" x 12" x 24" Cardboard Storage Box For Emergency Clean-up	6.68	
02 90 55 00-0372	EA	10" x 15" x 24" Cardboard Storage Box For Emergency Clean-up	6.68	
02 90 55 00-0373	GAL	Bleach For Emergency Clean-up	8.97	
02 90 55 00-0374	EA	Small Stainless Brush For Emergency Clean-up	7.20	
02 90 55 00-0375	EA	2-1/2 Gallon Buckets For Emergency Clean-up	6.89	
02 90 55 00-0376	EA	5 Gallon Bucket For Emergency Clean-up	10.43	
02 90 55 00-0377	GAL	Carpet Defoamer For Emergency Clean-up	26.84	
02 90 55 00-0378	GAL	Carpet Pre-treat For Emergency Clean-up	26.64	
02 90 55 00-0379	GAL	Carpet Spotter For Emergency Clean-up	44.65	
02 90 55 00-0380	GAL	Carpet/Upholstery Cleaner For Emergency Clean-up	36.01	
02 90 55 00-0381	ROL	Carpet Masking/Shield For Emergency Clean-up	111.47	
02 90 55 00-0382	EA	Chemical Sponge For Emergency Clean-up	3.28	
02 90 55 00-0383	GAL	Clear Seal For Emergency Clean-up	112.19	
02 90 55 00-0384	GAL	Coil Cleaner For Emergency Clean-up	76.74	
02 90 55 00-0385	EA	Decontamination Chamber For Emergency Clean-up	333.47	
02 90 55 00-0386	GAL	All Purpose Degreaser For Emergency Clean-up	36.72	
02 90 55 00-0387	GAL	De-Foamer Liquid For Emergency Clean-up	48.25	
02 90 55 00-0388	EA	Deodorization Membrane For Emergency Clean-up	93.46	
02 90 55 00-0389	GAL	9-D-9 Smoke Deodorizer For Emergency Clean-up	144.24	
02 90 55 00-0390	LB	Deodorizing Gel For Emergency Clean-up	33.89	
02 90 55 00-0391	GAL	Deodorizing Liquid For Emergency Clean-up	49.56	
02 90 55 00-0392	PAIL	Deodorizing Block For Emergency Clean-up	8.52	
02 90 55 00-0393	GAL	Disinfectant/Anti-microbial For Emergency Clean-up	87.93	
02 90 55 00-0394	GAL	BruClean Disinfectant For Emergency Clean-up	39.04	
02 90 55 00-0395	GAL	Dryclean For Emergency Clean-up	38.94	
02 90 55 00-0396	GAL	Duct Sealant Spray For Emergency Clean-up	58.69	
02 90 55 00-0397	GAL	Antifungal Duct Sealant For Emergency Clean-up	84.77	
02 90 55 00-0398	GAL	Microbial Encapsulant (Fosters 20 - 40) For Emergency Clean-up	130.08	
02 90 55 00-0399	PR	Ear Plugs For Emergency Clean-up Personal Protection Equipment	0.53	
02 90 55 00-0400	GAL	Encapsulant For Emergency Clean-up	118.10	
02 90 55 00-0401	GAL	Aftershock Fiberlocke For Emergency Clean-up	103.70	
02 90 55 00-0402	GAL	IAQ 2500 Fiberlocke For Emergency Clean-up	100.66	
02 90 55 00-0403	GAL	IAS 6000 Fiberlocke For Emergency Clean-up	103.52	
02 90 55 00-0404	ROL	Filter Material For Emergency Clean-up	299.07	
02 90 55 00-0405	EA	Blue Paper Collection Bag Filter For Emergency Clean-up	8.06	
02 90 55 00-0406	EA	CVAC Filter For High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up	639.66	
02 90 55 00-0407	EA	Pre-Filter For Negative Air Machine For Emergency Clean-up	3.07	
02 90 55 00-0408	EA	Pleated Filter For Negative Air Machine For Emergency Clean-up	13.66	
02 90 55 00-0409	EA	Charcoal Filter For Negative Air Machine For Emergency Clean-up	48.64	
02 90 55 00-0410	EA	High Efficiency Particulate Air (HEPA) Filter For Negative Air Machine For Emergency Clean-up	462.65	
02 90 55 00-0411	EA	Pleated Dehumidifier Filter For Emergency Clean-up	12.21	
02 90 55 00-0412	GAL	Floor Stripper For Emergency Clean-up	18.26	
02 90 55 00-0413	GAL	Floor Wax For Emergency Clean-up	26.08	
02 90 55 00-0414	GAL	Fogger (Thermal) For Emergency Clean-up	152.98	
02 90 55 00-0415	BOX	Furniture Blocks For Emergency Clean-up	123.22	
02 90 55 00-0416	EA	Furniture Polish, Per 10 Oz Can For Emergency Clean-up	16.60	
02 90 55 00-0417	GAL	Glass Cleaner For Emergency Clean-up	11.07	
02 90 55 00-0418	EA	Goof Off Spray, 12 Oz For Emergency Clean-up	19.36	
02 90 55 00-0419	EA	Halogen Light Bulbs For Emergency Clean-up	18.62	
02 90 55 00-0420	QT	Hand Sanitizer For Emergency Clean-up	9.21	
02 90 55 00-0421	EA	Hard Hats For Emergency Clean-up Personal Protection Equipment	7.58	
02 90 55 00-0422	BOX	Hog Rings, Box Of 2,500 For Emergency Clean-up	23.59	
02 90 55 00-0423	GAL	HVAC Coal Cleaner For Emergency Clean-up	68.77	
02 90 55 00-0424	BOX	Inventory Tag, Box Of 1,000 For Emergency Clean-up	165.97	
02 90 55 00-0425	EA	Utility Knives For Emergency Clean-up	14.35	
02 90 55 00-0426	ROL	13" Lay Flat Tubing (250' Roll) For Emergency Clean-up	142.37	
02 90 55 00-0427	ROL	20" Lay Flat Tubing (250' Roll) For Emergency Clean-up	150.30	
02 90 55 00-0428	ROL	29" Lay Flat Tubing (250' Roll) For Emergency Clean-up	299.26	
02 90 55 00-0429	ROL	39" Lay Flat Tubing (250' Roll) For Emergency Clean-up	432.55	
02 90 55 00-0430	GAL	Lemon Oil For Emergency Clean-up	44.50	
02 90 55 00-0431	GAL	LPS 1/Mecca Lube For Emergency Clean-up	47.39	
02 90 55 00-0432	GAL	LPS 2 For Emergency Clean-up	50.16	
02 90 55 00-0433	GAL	LPS Contact Cleaner For Emergency Clean-up	49.92	
02 90 55 00-0434	GAL	Light Lubricant Preserve For Emergency Clean-up	173.25	
02 90 55 00-0435	GAL	Heavy Lubricant Preserver For Emergency Clean-up	26.08	
02 90 55 00-0436	GAL	Machinery Cleaning Solvent For Emergency Clean-up	213.06	
02 90 55 00-0437	GAL	Metal Polishing Paste For Emergency Clean-up	32.07	
02 90 55 00-0438	GAL	MediClean® Disinfectant For Emergency Clean-up	52.71	
02 90 55 00-0439	GAL	Dri-Eaz Milgo Plus Sanitizer For Emergency Clean-up	64.70	
02 90 55 00-0440	EA	Mop Heads For Emergency Clean-up	7.90	
02 90 55 00-0441	EA	Nylon Scouring Pads For Emergency Clean-up	1.43	
02 90 55 00-0442	GAL	Odor Neutralizer For Emergency Clean-up	44.65	
02 90 55 00-0443	EA	Packing Paper, 25 Lb. Bundle For Emergency Clean-up	86.31	
02 90 55 00-0444	EA	Paint Brushes For Emergency Clean-up	6.52	
02 90 55 00-0445	ROL	Corrugated/Craft Paper, 48" x 250' For Emergency Clean-up	201.27	
02 90 55 00-0446	EA	Putty Knives For Emergency Clean-up	5.91	
02 90 55 00-0447	ROL	Red Resin Paper, 200' Roll For Emergency Clean-up	43.92	
02 90 55 00-0448	GAL	Reodorant For Emergency Clean-up	110.85	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 55 00-0449	GAL	Restoracide For Emergency Clean-up	52.00	
02 90 55 00-0450	GAL	Rust Remover For Emergency Clean-up	77.88	
02 90 55 00-0451	EA	Saltesmo Test Samples For Emergency Clean-up	7.24	
02 90 55 00-0452	EA	Sand Bag For Emergency Clean-up Note: Excludes sand material	1.90	
02 90 55 00-0453	EA	Scotch-Brite 7447, Per Box 50 For Emergency Clean-up	34.56	
02 90 55 00-0454	EA	Small Scrub Brushes For Emergency Clean-up	16.56	
02 90 55 00-0455	GAL	Clear Soot Sealant For Emergency Clean-up	90.32	
02 90 55 00-0456	GAL	Pigmented Soot Sealant For Emergency Clean-up	243.58	
02 90 55 00-0457	ROL	Shrinkwrap Plastic For Emergency Clean-up	56.07	
02 90 55 00-0458	EA	Dry Sponges For Emergency Clean-up	5.76	
02 90 55 00-0459	EA	Spray Adhesive, Per Can For Emergency Clean-up	5.85	
02 90 55 00-0460	EA	Spray Bot./Trigger For Emergency Clean-up	5.03	
02 90 55 00-0461	GAL	Stain Remover For Emergency Clean-up	40.33	
02 90 55 00-0462	GAL	Stainless Steel Cleaner For Emergency Clean-up	11.02	
02 90 55 00-0463	EA	Stainless Steel Polish, Per Can For Emergency Clean-up	14.46	
02 90 55 00-0464	LB	Sweeping Compound For Emergency Clean-up	0.71	
02 90 55 00-0465	ROL	Duct Tape, 2" x 50 YD For Emergency Clean-up	11.44	
02 90 55 00-0466	ROL	Environmental (Teal) Tape, 3/4" x 1,440' For Emergency Clean-up	10.77	
02 90 55 00-0467	ROL	HVAC (Aluminum) Tape, 2" x 75' For Emergency Clean-up	28.69	
02 90 55 00-0468	ROL	Blue Masking (Painters) Tape, 1-1/2" x 198' For Emergency Clean-up	15.32	
02 90 55 00-0469	ROL	Poly Box Tape, 2" x 110 YD For Emergency Clean-up	4.73	
02 90 55 00-0470	LB	Terry Towels For Emergency Clean-up	6.72	
02 90 55 00-0471	GAL	Thermal Fog For Emergency Clean-up	90.74	
02 90 55 00-0472	ROL	1.7 Mil, 55 Gallon Trash Bags, 50/Roll For Emergency Clean-up	35.60	
02 90 55 00-0473	ROL	3 Mil, 55 Gallon Trash Bags, 50/Roll For Emergency Clean-up	86.40	
02 90 55 00-0474	ROL	4 Mil, 55 Gallon Trash Bags, 50/Roll For Emergency Clean-up	110.85	
02 90 55 00-0475	ROL	6 Mil, 55 Gallon Trash Bags, 50/Roll For Emergency Clean-up	141.99	
02 90 55 00-0476	EA	Trisodium Phosphate, 20 Lb. Pail For Emergency Clean-up	47.59	
02 90 55 00-0477	EA	Backpack Vacuum Bags For Emergency Clean-up	1.60	
02 90 55 00-0478	EA	Upright Vacuum Bags For Emergency Clean-up	2.14	
02 90 55 00-0479	GAL	Vinyl And Leather Cleaner For Emergency Clean-up	36.01	
02 90 55 00-0480	ROL	1 Mil Visqueen, 12' x 400', For Emergency Clean-up	46.12	
02 90 55 00-0481	ROL	4 Mil Visqueen, 32' x 100', For Emergency Clean-up	125.24	
02 90 55 00-0482	ROL	6 Mil Visqueen, 32' x 400', For Emergency Clean-up	170.89	
02 90 55 00-0483	LB	Wipes, Cotton Cloth For Emergency Clean-up	4.84	
02 90 55 00-0484	ROL	12" x 750', Wrap, Bubble/Anti-static For Emergency Clean-up	140.66	
02 90 55 00-0485	EA	Wyp-Alls, Case Of 160 Wipes For Emergency Clean-up	18.00	
02 90 55 00-0486	EA	Zip Wall Zippers For Emergency Clean-up	21.35	
02 90 55 00-0487	EA	Absorbent Matt Roll For Oil And Other Liquids - 15" Wide x 50' Roll Note: 3.3 gallon volume absorption capacity per roll	34.77	
02 90 55 00-0488	EA	Oil Only Sorbent Pads - 15" x 19", Light, Package Of 100 Note: 26 OZ volume absorption capacity per pad	52.17	
02 90 55 00-0489	EA	Oil Only Sorbent Pads - 15" x 19", Medium, Package Of 100 Note: 33 OZ volume absorption capacity per pad	54.96	
02 90 55 00-0490	EA	Oil Only Sorbent Pads - 15" x 19", Heavy, Package Of 100 Note: 45 OZ volume absorption capacity per pad	89.74	

02 90 55 00-0491 Technical/Electronics Restoration Materials *(02 90 55 00-0365)*

02 90 55 00-0492	EA	Brush - Brass For Emergency Clean-up	4.89	
02 90 55 00-0493	EA	1" Brush, Natural Bristle For Emergency Clean-up	1.56	
02 90 55 00-0494	EA	1/2" Brush, Natural Bristle For Emergency Clean-up	1.30	
02 90 55 00-0495	EA	1/4" Brush, Natural Bristle For Emergency Clean-up	1.11	
02 90 55 00-0496	EA	Brush - Parts For Emergency Clean-up	6.78	
02 90 55 00-0497	EA	Brush - Plastic For Emergency Clean-up	3.52	
02 90 55 00-0498	EA	Brush - Wire Grout For Emergency Clean-up	9.45	
02 90 55 00-0499	EA	Brushing Tool For Emergency Clean-up	18.23	
02 90 55 00-0500	EA	Cleaning Swabs, Cotton For Emergency Clean-up	0.33	
02 90 55 00-0501	EA	Cleaning Swabs, Foam Tip For Emergency Clean-up	0.39	
02 90 55 00-0502	EA	Contact Restorer, Per Can For Emergency Clean-up	29.65	
02 90 55 00-0503	EA	Contact Spray, Per Can For Emergency Clean-up	20.17	
02 90 55 00-0504	UNT	Corrosion Inhibitor Emitter - 1 CF For Emergency Clean-up	3.13	
02 90 55 00-0505	UNT	Corrosion Inhibitor Emitter - 5 CF For Emergency Clean-up	8.97	
02 90 55 00-0506	UNT	Corrosion Inhibitor Emitter - 10 CF For Emergency Clean-up	11.62	
02 90 55 00-0507	LB	Cotton Cleaning Cloths For Emergency Clean-up	18.34	
02 90 55 00-0508	EA	12" x 17" Dust Cloths For Emergency Clean-up	0.29	
02 90 55 00-0509	EA	24" x 24" Dust Cloths For Emergency Clean-up	0.80	
02 90 55 00-0510	EA	Deoxidizing Agent, Per Can For Emergency Clean-up	14.37	
02 90 55 00-0511	GAL	Electronic Grade Detergent For Emergency Clean-up	40.51	
02 90 55 00-0512	SHT	Inventory Labels For Emergency Clean-up	0.22	
02 90 55 00-0513	GAL	Isopropyl Alcohol For Emergency Clean-up	107.34	
02 90 55 00-0514	GAL	Lubrication/Penetrating Oil, Per Can For Emergency Clean-up	174.69	
02 90 55 00-0515	GAL	PC Board Detergent For Emergency Clean-up	83.75	
02 90 55 00-0516	GAL	Rust Inhibitor, Regular Duty For Emergency Clean-up	137.68	
02 90 55 00-0517	GAL	Rust Inhibitor, Moderate Duty For Emergency Clean-up	138.71	
02 90 55 00-0518	GAL	Rust Inhibitor, Severe Duty For Emergency Clean-up	148.27	
02 90 55 00-0519	LB	Wipes, Lint Free Cloths For Emergency Clean-up	7.61	
02 90 55 00-0520	EA	Wire Marker Card For Emergency Clean-up	2.28	
02 90 55 00-0521	EA	Steel Wool, 16 Pad Sleeve For Emergency Clean-up	1.53	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

03 Concrete

03 01 Maintenance of Concrete *(03)*

03 01 30 Maintenance of Cast-In-Place Concrete *(03 01)*

03 01 30 51 Cleaning of Cast-In-Place Concrete *(03 01 30)*

See CSI section 09 01 90 52-0002 for cleaning of concrete surfaces.

03 01 30 51-0001 Abrasive Blasting *(03 01 30 51)*

Note: Includes containment and clean-up of all material. Includes steel ball media.

03 01 30 51-0002	SF	Concrete Floors, Abrasive Shot (Bead) Blasting	3.94
		For Up To 100, Add	*3.30*
		For >100 To 250, Add	*0.83*
		For >250 To 500, Add	*0.41*
		For >5,000 To 10,000, Deduct	*-0.08*
		For >10,000, Deduct	*-0.17*
03 01 30 51-0003	SF	Concrete Walls, Abrasive Shot (Bead) Blasting	5.60
		For Up To 100, Add	*6.62*
		For >100 To 250, Add	*1.66*
		For >250 To 500, Add	*0.83*
		For >5,000 To 10,000, Deduct	*-0.17*
		For >10,000, Deduct	*-0.33*

03 01 30 71 Rehabilitation of Cast-In-Place Concrete *(03 01 30)*

03 01 30 71-0001 Concrete Resurfacing/Repair *(03 01 30 71)*

See CSI section 09 01 90 52-0002 for surface preparation as required.

03 01 30 71-0002 Concrete Repair *(03 01 30 71-0001)*

03 01 30 71-0003 Decks Or Floors *(03 01 30 71-0002)*

Note: Includes bonding agent and sealant. Excludes saw cutting, sand blasting and forming.

03 01 30 71-0004	SF	Patch Decks Or Floors With 1/8" To 1/4" Thick Cementitious Mortar	6.92
03 01 30 71-0005	SF	Patch Decks Or Floors With 1/8" To 1/4" Thick Epoxy Cementitious Mortar	22.67
03 01 30 71-0006	SF	Patch Decks Or Floors With White Aluminum Oxide Grit (Non-Slip Aggregate)	0.62

03 01 30 71-0007 Verticals Or Overheads *(03 01 30 71-0002)*

Note: Includes bonding agent and sealant. Excludes saw cutting, sand blasting and forming.

03 01 30 71-0008	SF	Patch Verticals Or Overheads With 1/8" To 1/4" Thick Cementitious Mortar	10.33
03 01 30 71-0009	SF	Patch Verticals Or Overheads With 1/8" To 1/4" Thick Epoxy Cementitious Mortar	30.52
03 01 30 71-0010	SF	Patch Verticals Or Overheads With 1/8" To 1/4" Thick Latex Cementitious Mortar	34.51
03 01 30 71-0011	SF	Patch Verticals Or Overheads With 1/8" To 1/4" Thick Elastomeric Compound	9.20
03 01 30 71-0012	SF	Patch Verticals Or Overheads With 1/8" To 1/4" Thick Copolymer Cementitious Compound Note: Rapid Set - WunderFixx	16.33

03 01 30 71-0013 Circular Piers *(03 01 30 71-0002)*

03 01 30 71-0014	SF	Patch Circular Piers With 1/8" To 1/4" Elastomeric Patching Compound	12.74
03 01 30 71-0015	SF	Patch Circular Piers With 1/8" To 1/4" Copolymer Cementitious Compound Note: Rapid Set - WunderFixx	21.99

03 01 30 71-0016 Bridge Deck Treatment *(03 01 30 71-0002)*

03 01 30 71-0017	SF	Sweep Bridge Deck	0.02
03 01 30 71-0018	SF	Clean Bridge Deck	0.02
03 01 30 71-0019	SF	Treat Bridge Deck With Methacrylate Resin Sealant	2.30

03 01 30 71-0020 Concrete Finishes *(03 01 30 71-0001)*

03 01 30 71-0021 Concrete Patching *(03 01 30 71-0020)*

03 01 30 71-0022 Walls *(03 01 30 71-0021)*

03 01 30 71-0023	BAG	Sika Top 111 Plus Note: SikaTop 111 PLUS is a two-component, polymer-modified, portland-cement, fast-setting, screed mortar. Yield: Approximately 0.5 cu. ft./unit. Approximately 0.75 cu. ft./unit (SikaTop 111 + 42 Lb. of 3/8" pea gravel).	178.80
		For Up To 10, Add	*65.81*
		For >10 To 25, Add	*39.49*
		For >25 To 50, Add	*26.32*
		For >50 To 75, Add	*13.16*
03 01 30 71-0024	BAG	Sika Grout 212, 50 Lb. Bag Note: SikaGrout 212 is a non-shrink, cementitious grout with a unique 2-stage shrinkage compensating mechanism. It is non-metallic and contains no chloride. Coverage: Approximately 0.44 cu. ft./bag at high flow.	122.65
		For Up To 10, Add	*41.67*
		For >10 To 25, Add	*25.00*
		For >25 To 50, Add	*16.67*
		For >50 To 75, Add	*8.33*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 01 30 71-0025	EA	Sika Flex 1A, 10.3 Ounce Tube Note: Sikaflex-1a is a premium-grade, high-performance, moisture-cured, 1-component, polyurethane-based, non-sag elastomeric sealant. Coverage: 10.3 fl. oz. cartridge seals 12.4 lineal ft. of 1/2 x 1/4 in. joint. 20 fl. oz. uni-pac sausage seals 24 lineal ft. of 1/2 x 1/4 in. joint.	41.20	
03 01 30 71-0026	BAG	Pea Gravel	31.37	

03 01 30 71-0027 Crack Repair For Concrete *(03 01 30 71-0001)*

03 01 30 71-0028 Non-Structural Crack Repair For Concrete *(03 01 30 71-0027)*

03 01 30 71-0029 Surface Applied, Non-Structural Crack Repair For Concrete *(03 01 30 71-0028)*

Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming. Includes installing sealer with caulk gun, cartridge gun, squeeze bottle, etc. Excludes backer rod and sanding.

03 01 30 71-0030	LF	Up To 1/4" Wide, Latex Emulsion, Gravity Fed Non-Structural Crack Repair For Concrete, Surface Applied With Squeeze Tube (Quikrete® Concrete Crack Seal)	7.42	
		For Walls Instead Of Floors, Add	*0.72*	
		For V-Grooving Crack With Grinder, Add	*5.94*	
03 01 30 71-0031	LF	>1/4" To 1/2" Wide, Latex Emulsion, Gravity Fed Non-Structural Crack Repair For Concrete, Surface Applied With Squeeze Tube (Quikrete® Concrete Crack Seal)	9.69	
		For Walls Instead Of Floors, Add	*0.93*	
		For V-Grooving Crack With Grinder, Add	*5.79*	
03 01 30 71-0032	LF	Up To 1/4" Wide, Sanded Acrylic Latex, Gravity Fed Non-Structural Crack Repair For Concrete, Surface Applied With Caulk Gun (Quikrete® Concrete Repair)	7.56	
		For Walls Instead Of Floors, Add	*0.72*	
		For V-Grooving Crack With Grinder, Add	*5.94*	
03 01 30 71-0033	LF	>1/4" To 1/2" Wide, Sanded Acrylic Latex, Gravity Fed Non-Structural Crack Repair For Concrete, Surface Applied With Caulk Gun (Quikrete® Concrete Repair)	9.98	
		For Walls Instead Of Floors, Add	*0.93*	
		For V-Grooving Crack With Grinder, Add	*5.79*	
03 01 30 71-0034	LF	Up To 1/4" Wide, Self Leveling Polyurethane Sealant, Gravity Fed Non-Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Self-Leveling Sealant)	8.09	
		For Walls Instead Of Floors, Add	*0.72*	
		For V-Grooving Crack With Grinder, Add	*5.94*	
03 01 30 71-0035	LF	>1/4" To 1/2" Wide, Self Leveling Polyurethane Sealant, Gravity Fed Non-Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Self-Leveling Sealant)	11.02	
		For Walls Instead Of Floors, Add	*0.93*	
		For V-Grooving Crack With Grinder, Add	*5.79*	
03 01 30 71-0036	LF	Up To 1/4" Wide, Non-Sag Elastomeric Polyurethane Sealant, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Concrete Fix)	8.47	
		For Walls Instead Of Floors, Add	*0.72*	
		For V-Grooving Crack With Grinder, Add	*5.94*	
03 01 30 71-0037	LF	>1/4" To 1/2" Wide, Non-Sag Elastomeric Polyurethane Sealant, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Concrete Fix)	11.78	
		For Walls Instead Of Floors, Add	*0.93*	
		For V-Grooving Crack With Grinder, Add	*5.79*	

03 01 30 71-0038 Pressure Injected, Non-Structural Crack Repair For Concrete *(03 01 30 71-0028)*

Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming. Includes installing injection ports, sealing the crack opening (one side only), injecting the crack with polyurethane and restoring the sealed surface to flush conditions. Excludes disposal.

03 01 30 71-0039	LF	Up To 1/4" Wide, Water Activated Polyurethane Foam Grout, Non-Structural Crack Repair For Concrete, Installed With Automated Injection Equipment (SealBoss 1570)	32.28	
		For Walls Instead Of Floors, Add	*2.31*	
		For Cracks Accessible From Both Sides, Add	*6.57*	

03 01 30 71-0040 Structural Crack Repair For Concrete *(03 01 30 71-0027)*

03 01 30 71-0041 Surface Applied, Structural Crack Repair For Concrete *(03 01 30 71-0040)*

Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming. Excludes disposal.

03 01 30 71-0042	LF	Up To 1/4" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Trowel (Sikadur® 35)	8.56	
		For Walls Instead Of Floors, Add	*0.72*	
		For V-Grooving Crack With Grinder, Add	*5.94*	
03 01 30 71-0043	LF	>1/4" To 1/2" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Trowel (Sikadur® 35)	11.98	
		For Walls Instead Of Floors, Add	*0.93*	
		For V-Grooving Crack With Grinder, Add	*5.79*	
03 01 30 71-0044	LF	Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied Trowel (Sikadur® 52)	8.36	
		For Walls Instead Of Floors, Add	*0.72*	
		For V-Grooving Crack With Grinder, Add	*5.94*	
03 01 30 71-0045	LF	>1/4" To 1/2" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Trowel (Sikadur® 52)	11.57	
		For Walls Instead Of Floors, Add	*0.93*	
		For V-Grooving Crack With Grinder, Add	*5.79*	
03 01 30 71-0046	LF	Up To 1/4" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Caulk Gun (Sikadur® Crack Fix)	10.06	
		For Walls Instead Of Floors, Add	*0.72*	
		For V-Grooving Crack With Grinder, Add	*5.94*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 01 30 71-0047	LF	>1/4" To 1/2" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Caulk Gun (Sikadur® Crack Fix)	14.97	
		For Walls Instead Of Floors, Add	*0.93*	
		For V-Grooving Crack With Grinder, Add	*5.79*	

03 01 30 71-0048 Pressure Injected, Structural Crack Repair For Concrete *(03 01 30 71-0040)*

Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming. Includes installing injection ports, sealing the crack opening (one side only), injecting the crack with epoxy and restoring the sealed surface to flush conditions. Excludes disposal.

03 01 30 71-0049	LF	Up To 1/4" Wide, Low Viscosity, High Strength Epoxy Resin, Structural Crack Repair For Concrete, Installed With Automated Injection Equipment (Sikadur® 35)	28.20	
		For Walls Instead Of Floors, Add	*2.31*	
		For Cracks Accessible From Both Sides, Add	*6.57*	
03 01 30 71-0050	LF	Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Structural Crack Repair For Concrete, Installed With Automated Injection Equipment (Sikadur® 52)	27.99	
		For Walls Instead Of Floors, Add	*2.31*	
		For Cracks Accessible From Both Sides, Add	*6.57*	

03 01 30 71-0051 Carbon Fiber Strengthening System *(03 01 30 71-0001)*

Note: Includes preparing surface, dust and debris removal by hand, clean and protect adjacent area, fill voids, primer, fabric substrate layers, final coat of epoxy and finish. Excludes disposal.

03 01 30 71-0052	SF	Carbon Fiber Strengthening System For Concrete Beams, Per Layer Note: Includes carbon fabric epoxy saturant, primer, filler for voids, anchors, finish.	83.04	
03 01 30 71-0053	SF	Carbon Fiber Strengthening System For Concrete Columns, Per Layer Note: Includes carbon fabric epoxy saturant, primer, filler for voids, anchors, finish.	73.87	
03 01 30 71-0054	SF	Carbon Fiber Strengthening System For Concrete Ceiling Slabs, Per Layer Note: Includes carbon fabric epoxy saturant, primer, filler for voids, anchors, finish.	68.71	
03 01 30 71-0055	SF	Carbon Fiber Strengthening System For Concrete Walls, Per Layer Note: Includes carbon fabric epoxy saturant, primer, filler for voids, anchors, finish.	65.84	
03 01 30 71-0056	SF	Carbon Fiber Strengthening System For Concrete Slab, Per Layer Note: Includes carbon fabric epoxy saturant, primer, filler for voids, anchors, finish.	61.83	

03 01 30 71-0057 Concrete Rehabilitation *(03 01 30 71)*

03 01 30 71-0058 Corrosive Inhibitor *(03 01 30 71-0057)*

03 01 30 71-0059	SF	Corrosive Inhibitor	6.20	

03 01 30 72 Strengthening Of Cast-in-Place Concrete *(03 01 30)*

03 01 30 72-0001 Concrete Surface Repairs *(03 01 30 72)*

03 01 30 72-0002	SF	Sound The Concrete Surface To Locate Delaminated Areas	0.38	

03 05 Common Work Results For Concrete *(03)*

03 05 13 Concrete Admixtures *(03 05)*

03 05 13 00-0001 Concrete Admixtures *(03 05 13)*

03 05 13 00-0002	CY	Low Range Water Reducing (LRWR), Type A Concrete Admixture	8.36	
03 05 13 00-0003	CY	Set Retarding, Type B Concrete Admixture	5.79	
03 05 13 00-0004	CY	1% Calcium Chloride Accelerating, Type C Concrete Admixture	9.00	
03 05 13 00-0005	CY	2% Calcium Chloride Accelerating, Type C Concrete Admixture	18.00	
03 05 13 00-0006	CY	1% Non-Chloride Accelerating, Type C Concrete Admixture	16.08	
03 05 13 00-0007	CY	2% Non-Chloride Accelerating, Type C Concrete Admixture	32.15	
03 05 13 00-0008	CY	1% Water Reducing and Retarding (Hydration Stabilizer), Type D Concrete Admixture	6.94	
03 05 13 00-0009	CY	2% Water Reducing and Retarding (Hydration Stabilizer), Type D Concrete Admixture	13.54	
03 05 13 00-0010	CY	1% Water Reducing and Accelerating (High Early Strength), Type E Concrete Admixture	9.65	
03 05 13 00-0011	CY	2% Water Reducing and Accelerating (High Early Strength), Type E Concrete Admixture	19.29	
03 05 13 00-0012	CY	Mid Range Water Reducing (MRWR) Superplasticizer, Type A Or E Concrete Admixture	6.43	
03 05 13 00-0013	CY	High Range Water Reducing (HRWR) Superplasticizer, Type F Concrete Admixture	15.43	
03 05 13 00-0014	CY	1 Lb./CY Polyethylene, Polypropylene, Nylon, Synthetic Plastic Fibers, Concrete Admixture	13.72	
03 05 13 00-0015	CY	1-1/2 Lb./CY Polyethylene, Polypropylene, Nylon, Synthetic Plastic Fibers, Concrete Admixture	20.58	
03 05 13 00-0016	CY	25 Lb./CY Steel Fibers, Concrete Admixture	40.18	
03 05 13 00-0017	CY	10% Microsilica (Silica Fume), Concrete Admixture	102.88	
03 05 13 00-0018	CY	Corrosion Inhibiting Concrete Admixture	38.58	
03 05 13 00-0019	CY	Winter Service Or Heat, Concrete Add	20.58	
03 05 13 00-0020	CY	Chilled Water, Concrete Add	20.58	
03 05 13 00-0021	CY	Subtle Color (See Davis Colors Color Card), Concrete Admixture	39.57	
03 05 13 00-0022	CY	Standard Color (See Davis Colors Color Card), Concrete Admixture	65.94	
03 05 13 00-0023	CY	Premium Color (See Davis Colors Color Card), Concrete Admixture	126.61	
03 05 13 00-0024	CY	Ultra Premium Color (See Davis Colors Color Card), Concrete Admixture	175.85	

03 10 Concrete Forming and Accessories *(03)*

03 11 Concrete Forming *(03 10)*

03 11 13 Structural Cast-In-Place Concrete Forming *(03 11)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

Note: Per square foot of formwork.

03 11 13 00-0001 Wood Formwork *(03 11 13)*

Note: For job built wood and/or plywood form systems where metal framed formwork cannot be used. Includes erecting, stripping, stacking, plywood, framing lumber, oiling, studs/walers, strongbacks, deadmen, supporting braces, turnbuckles, ties, and clips.

03 11 13 00-0002 Foundation Wood Formwork *(03 11 13 00-0001)*

Note: For foundation work below or at grade.

03 11 13 00-0003	SF	Continuous Footings Foundation Wood Formwork	8.55	
		For <1,000, Add	*1.59*	
		For Foundations >8' Below Grade, Add	*1.53*	
		For Curved Formwork, Add	*3.07*	
03 11 13 00-0004	SF	Pile Cap, Pier Or Spread Footings Foundation Wood Formwork	10.17	
		For <1,000, Add	*1.91*	
		For Foundations >8' Below Grade, Add	*1.85*	
		For Curved Formwork, Add	*3.70*	
03 11 13 00-0005	SF	Mat Foundation Wood Formwork	11.71	
		For <1,000, Add	*2.23*	
		For Foundations >8' Below Grade, Add	*2.18*	
		For Curved Formwork, Add	*4.36*	
03 11 13 00-0006	SF	Grade Beams Or Duct Bank Foundation Wood Formwork	9.70	
		For <1,000, Add	*1.83*	
		For Foundations >8' Below Grade, Add	*1.78*	
		For Curved Formwork, Add	*3.56*	
03 11 13 00-0007	SF	Below Grade Walls Foundation Wood Formwork	13.79	
		Note: Excludes footing		
		For <1,000, Add	*2.60*	
		For Foundations >8' Below Grade, Add	*2.52*	
		For Curved Formwork, Add	*5.03*	

03 11 13 00-0008 Slab Edge And Block-Out Wood Formwork *(03 11 13 00-0001)*

03 11 13 00-0009	LF	Up To 6" High Slab Edge and Block-Out Wood Formwork	6.58	
		For Foundations >8' Below Grade, Add	*1.22*	
		For Curved Formwork, Add	*2.45*	
		For Up To 250, Add	*1.25*	
03 11 13 00-0010	LF	>6" To 12" High Slab Edge and Block-Out Wood Formwork	9.45	
		For Foundations >8' Below Grade, Add	*1.71*	
		For Curved Formwork, Add	*3.41*	
		For Up To 250, Add	*1.77*	
03 11 13 00-0011	SF	>12" High Slab Edge and Block-Out Wood Formwork	12.10	
		For Foundations >8' Below Grade, Add	*2.21*	
		For Curved Formwork, Add	*4.42*	
		For <1,000, Add	*2.28*	

03 11 13 00-0012 Column Wood Formwork *(03 11 13 00-0001)*

03 11 13 00-0013	LF	Up To 8" Square Column Wood Formwork	51.01
03 11 13 00-0014	LF	>8" To 12" Square Column Wood Formwork	74.19
03 11 13 00-0015	LF	>12" To 18" Square Column Wood Formwork	93.11
03 11 13 00-0016	LF	>18" To 24" Square Column Wood Formwork	133.39
03 11 13 00-0017	LF	>24" To 36" Square Column Wood Formwork	191.34
03 11 13 00-0018	LF	>36" To 48" Square Column Wood Formwork	252.64

03 11 13 00-0019 Above Grade Wall Wood Formwork *(03 11 13 00-0001)*

03 11 13 00-0020	SF	Up To 8' High Above Grade Wall Wood Formwork	15.41	
		For Curved Formwork, Add	*5.68*	
		For <1,000, Add	*2.92*	
03 11 13 00-0021	SF	>8' High Above Grade Wall Wood Formwork	18.26	
		For Curved Formwork, Add	*6.74*	
		For <1,000, Add	*3.47*	

03 11 13 00-0022 Elevated Beam Wood Formwork *(03 11 13 00-0001)*

Note: Includes adjustable shores and column supports and bracing lumber up to 14' for bottom of elevated beam.

03 11 13 00-0023	SF	Bottom of Elevated Beam Wood Formwork	20.27	
		For Curved Formwork, Add	*7.42*	
		For <1,000, Add	*3.82*	
03 11 13 00-0024	SF	Vertical Sides of Elevated Beam Wood Formwork	12.78	
		For Curved Formwork, Add	*4.73*	
		For <1,000, Add	*2.43*	

03 11 13 00-0025 Elevated Slab Wood Formwork *(03 11 13 00-0001)*

Note: Includes adjustable shores and column supports and bracing lumber up to 14' for bottom of elevated slab.

03 11 13 00-0026	SF	Elevated Slab Wood Formwork	12.02	
		For <1,000, Add	*2.19*	

03 11 13 00-0027 Metal Framed Formwork *(03 11 13)*

Note: For all metal framed and metal form systems. Includes erecting, stripping, stacking, oiling, studs/walers, strongbacks, deadmen, supporting braces, turnbuckles, ties, and clips.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 11 13 00-0028		**Foundation Metal Framed Formwork** *(03 11 13 00-0027)*		
		Note: For foundation work below or at grade.		
03 11 13 00-0029	SF	Continuous Footings Foundation Metal Framed Formwork	8.57	
		For <1,000, Add	*1.51*	
		For Foundations >8' Below Grade, Add	*1.41*	
		For Curved Formwork, Add	*2.82*	
03 11 13 00-0030	SF	Pile Cap, Pier Or Spread Footings Foundation Metal Framed Formwork	9.43	
		For <1,000, Add	*1.68*	
		For Foundations >8' Below Grade, Add	*1.58*	
		For Curved Formwork, Add	*3.15*	
03 11 13 00-0031	SF	Mat Foundation Metal Framed Formwork	10.68	
		For <1,000, Add	*1.88*	
		For Foundations >8' Below Grade, Add	*1.75*	
		For Curved Formwork, Add	*3.49*	
03 11 13 00-0032	SF	Grade Beams Or Duct Bank Foundation Metal Framed Formwork	9.03	
		For <1,000, Add	*1.58*	
		For Foundations >8' Below Grade, Add	*1.47*	
		For Curved Formwork, Add	*2.94*	
03 11 13 00-0033	SF	Below Grade Walls Foundation Metal Framed Formwork	13.52	
		Note: Excludes footing.		
		For <1,000, Add	*2.43*	
		For Foundations >8' Below Grade, Add	*2.29*	
		For Curved Formwork, Add	*4.57*	
03 11 13 00-0034		**Slab Edge And Block-Out Metal Framed Formwork** *(03 11 13 00-0027)*		
03 11 13 00-0035	LF	Up To 6" High Slab Edge and Block-Out Metal Framed Formwork	5.78	
		For Foundations >8' Below Grade, Add	*1.11*	
		For Curved Formwork, Add	*2.23*	
		For <250, Add	*1.13*	
03 11 13 00-0036	LF	>6" To 12" High Slab Edge and Block-Out Metal Framed Formwork	7.27	
		For Foundations >8' Below Grade, Add	*1.39*	
		For Curved Formwork, Add	*2.77*	
		For <250, Add	*1.41*	
03 11 13 00-0037	SF	>12" High Slab Edge and Block-Out Metal Framed Formwork	8.06	
		For Foundations >8' Below Grade, Add	*1.53*	
		For Curved Formwork, Add	*3.07*	
		For <1,000, Add	*1.56*	
03 11 13 00-0038		**Column Metal Framed Formwork** *(03 11 13 00-0027)*		
03 11 13 00-0039		**Square Columns** *(03 11 13 00-0038)*		
03 11 13 00-0040	LF	Up To 12" Square Column Metal Framed Formwork	54.06	
03 11 13 00-0041	LF	>12" To 16" Square Column Metal Framed Formwork	65.64	
03 11 13 00-0042	LF	>16" To 20" Square Column Metal Framed Formwork	77.27	
03 11 13 00-0043	LF	>20" To 24" Square Column Metal Framed Formwork	92.15	
03 11 13 00-0044	LF	>24" To 30" Square Column Metal Framed Formwork	111.19	
03 11 13 00-0045	LF	>30" To 36" Square Column Metal Framed Formwork	133.82	
03 11 13 00-0046	LF	>36" To 48" Square Column Metal Framed Formwork	171.91	
03 11 13 00-0047	LF	>48" To 60" Square Column Metal Framed Formwork	212.48	
03 11 13 00-0048		**Round Columns** *(03 11 13 00-0038)*		
03 11 13 00-0049	LF	Up To 12" Diameter Column Metal Formwork	62.24	
03 11 13 00-0050	LF	>12" To 16" Diameter Column Metal Formwork	68.50	
03 11 13 00-0051	LF	>16" To 20" Diameter Column Metal Formwork	77.84	
03 11 13 00-0052	LF	>20" To 24" Diameter Column Metal Formwork	89.34	
03 11 13 00-0053	LF	>24" To 30" Diameter Column Metal Formwork	104.56	
03 11 13 00-0054	LF	>30" To 36" Diameter Column Metal Formwork	119.07	
03 11 13 00-0055	LF	>36" To 48" Diameter Column Metal Formwork	157.81	
03 11 13 00-0056	LF	>48" To 60" Diameter Column Metal Formwork	214.44	
03 11 13 00-0057		**Above Grade Wall Metal Framed Formwork** *(03 11 13 00-0027)*		
03 11 13 00-0058	SF	Up to 8' High Above Grade Wall Metal Framed Formwork	8.72	
		For Curved Formwork, Add	*2.65*	
		For <1,000, Add	*1.47*	
03 11 13 00-0059	SF	>8' High Above Grade Wall Metal Framed Formwork	10.73	
		For Curved Formwork, Add	*3.21*	
		For <1,000, Add	*1.78*	
03 11 13 00-0060		**Elevated Beam Metal Framed Formwork** *(03 11 13 00-0027)*		
		Note: Includes adjustable shores and column supports and bracing lumber up to 14' for bottom of elevated beam.		
03 11 13 00-0061	SF	Bottom of Elevated Beam Metal Framed Formwork	8.60	
		For Curved Formwork, Add	*2.48*	
		For <1,000, Add	*1.40*	
03 11 13 00-0062	SF	Vertical Sides of Elevated Beam Metal Framed Formwork	6.56	
		For Curved Formwork, Add	*1.95*	
		For <1,000, Add	*1.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 11 13 00-0063		**Elevated Slab Metal Framed Formwork** *(03 11 13 00-0027)*		
		Note: Includes adjustable shores and column supports and bracing lumber up to 14' for bottom of elevated slab.		
03 11 13 00-0064	SF	Elevated Slab Metal Framed Formwork	11.66	
		For <1,000, Add	*1.71*	
03 11 13 00-0065		**Fiber Tube Formwork** *(03 11 13)*		
		Note: Includes all supporting braces, erecting, aligning, stripping, turnbuckles, ties and clips.		
03 11 13 00-0066		**Round Column Fiber Tube Formwork** *(03 11 13 00-0065)*		
03 11 13 00-0067	LF	6" Diameter Round Fiber Tube Formwork	20.55	
		For Plastic Lined, Add	*0.88*	
		For Columns >12' In Length, Add	*2.06*	
03 11 13 00-0068	LF	8" Diameter Round Fiber Tube Formwork	21.75	
		For Plastic Lined, Add	*1.04*	
		For Columns >12' In Length, Add	*2.18*	
03 11 13 00-0069	LF	10" Diameter Round Fiber Tube Formwork	24.21	
		For Plastic Lined, Add	*1.25*	
		For Columns >12' In Length, Add	*2.42*	
03 11 13 00-0070	LF	12" Diameter Round Fiber Tube Formwork	30.21	
		For Plastic Lined, Add	*2.23*	
		For Columns >12' In Length, Add	*3.02*	
03 11 13 00-0071	LF	14" Diameter Round Fiber Tube Formwork	34.05	
		For Plastic Lined, Add	*2.82*	
		For Columns >12' In Length, Add	*3.41*	
03 11 13 00-0072	LF	16" Diameter Round Fiber Tube Formwork	37.25	
		For Plastic Lined, Add	*3.51*	
		For Columns >12' In Length, Add	*3.73*	
03 11 13 00-0073	LF	18" Diameter Round Fiber Tube Formwork	40.23	
		For Plastic Lined, Add	*4.11*	
		For Columns >12' In Length, Add	*4.02*	
03 11 13 00-0074	LF	20" Diameter Round Fiber Tube Formwork	46.13	
		For Plastic Lined, Add	*5.58*	
		For Columns >12' In Length, Add	*4.61*	
03 11 13 00-0075	LF	22" Diameter Round Fiber Tube Formwork	48.28	
		For Plastic Lined, Add	*5.81*	
		For Columns >12' In Length, Add	*4.83*	
03 11 13 00-0076	LF	24" Diameter Round Fiber Tube Formwork	50.72	
		For Plastic Lined, Add	*6.13*	
		For Columns >12' In Length, Add	*5.07*	
03 11 13 00-0077	LF	26" Diameter Round Fiber Tube Formwork	52.88	
		For Plastic Lined, Add	*6.62*	
		For Columns >12' In Length, Add	*5.29*	
03 11 13 00-0078	LF	28" Diameter Round Fiber Tube Formwork	55.04	
		For Plastic Lined, Add	*7.10*	
		For Columns >12' In Length, Add	*5.50*	
03 11 13 00-0079	LF	30" Diameter Round Fiber Tube Formwork	57.21	
		For Plastic Lined, Add	*7.59*	
		For Columns >12' In Length, Add	*5.72*	
03 11 13 00-0080	LF	36" Diameter Round Fiber Tube Formwork	66.45	
		For Plastic Lined, Add	*9.76*	
		For Columns >12' In Length, Add	*6.65*	
03 11 13 00-0081	LF	42" Diameter Round Fiber Tube Formwork	106.66	
		For Plastic Lined, Add	*21.40*	
		For Columns >12' In Length, Add	*10.67*	
03 11 13 00-0082	LF	48" Diameter Round Fiber Tube Formwork	130.64	
		For Plastic Lined, Add	*28.16*	
		For Columns >12' In Length, Add	*13.06*	
03 11 13 00-0083	LF	54" Diameter Round Fiber Tube Formwork	238.63	
		For Plastic Lined, Add	*59.87*	
		For Columns >12' In Length, Add	*23.86*	
03 11 13 00-0084	LF	60" Diameter Round Fiber Tube Formwork	266.05	
		For Plastic Lined, Add	*67.56*	
		For Columns >12' In Length, Add	*26.61*	
03 11 13 00-0085		**Accessories For Formwork** *(03 11 13)*		
03 11 13 00-0086		**Keyway Forms, All Materials** *(03 11 13 00-0085)*		
03 11 13 00-0087	LF	2" x 4" To 2" x 6" Keyway Forms for Concrete Formwork, All Materials	2.28	
03 11 13 00-0088		**Chamfer Strips, All Materials** *(03 11 13 00-0085)*		
03 11 13 00-0089	LF	1/2" Wide Chamfer Strips for Concrete Formwork, All Materials	2.42	
03 11 13 00-0090	LF	3/4" Wide Chamfer Strips for Concrete Formwork, All Materials	2.80	
03 11 13 00-0091	LF	1" Wide Chamfer Strips for Concrete Formwork, All Materials	3.24	
03 11 13 00-0092		**Sleeves And Chases, Plastic Or Sheet Metal** *(03 11 13 00-0085)*		
03 11 13 00-0093	EA	2" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal	13.98	
03 11 13 00-0094	EA	4" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal	17.06	
03 11 13 00-0095	EA	6" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal	20.65	
03 11 13 00-0096	EA	8" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal	23.71	
03 11 13 00-0097	EA	12" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal	30.63	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 11 13 00-0098	EA	18" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal	69.22	

03 11 16 Architectural Cast-In-Place Concrete Forming *(03 11)*

03 11 16 13 Concrete Form Liners *(03 11 16)*

03 11 16 13-0001 Concrete Form Liners *(03 11 16 13)*

03 11 16 13-0002	SF	Various Patterns And Textures, 1 Use, Concrete Form Liner, Add To Formwork	5.97	
03 11 16 13-0003	SF	Beveled Edge, Rusticated Concrete Finish, 1 Use, Concrete Form Liner, Add To Formwork	7.77	
03 11 16 13-0004	SF	Square Edge, Rusticated Concrete Finish, 1 Use, Concrete Form Liner, Add To Formwork	10.20	

03 11 23 Permanent Stair Forming *(03 11)*

03 11 23 00-0001 Stairway Wood Formwork *(03 11 23)*

03 11 23 00-0002	SF	Cast On Grade Stairway Wood Formwork	19.67	
		For Curved Formwork, Add	*7.56*	
		For <1,000, Add	*3.83*	
03 11 23 00-0003	SF	Elevated Stairway Wood Formwork	38.74	
		Note: Includes adjustable column supports and bracing lumber up to 14' for bottom of elevated stair.		
		For Curved Formwork, Add	*14.67*	
		For <1,000, Add	*7.47*	

03 11 23 00-0004 Stairway Metal Framed Formwork *(03 11 23)*

03 11 23 00-0005	SF	Cast On Grade Stairway Metal Framed Formwork	16.98	
		For Curved Formwork, Add	*6.23*	
		For <1,000, Add	*3.21*	
03 11 23 00-0006	SF	Elevated Stairway Metal Framed Formwork	31.08	
		Note: Includes adjustable column supports and bracing lumber up to 14' for bottom of elevated stair.		
		For Curved Formwork, Add	*11.52*	
		For <1,000, Add	*5.91*	

03 15 Concrete Accessories *(03 10)*

03 15 13 Waterstops *(03 15)*

03 15 13 13 Non-Expanding Waterstops *(03 15 13)*

03 15 13 13-0001 Polyvinyl Chloride (PVC) Waterstops *(03 15 13 13)*

03 15 13 13-0002	LF	3/16" Thick x 4" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop	9.05
03 15 13 13-0003	LF	3/16" Thick x 6" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop	10.18
03 15 13 13-0004	LF	3/16" Thick x 9" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop With Center Bulb	12.29
03 15 13 13-0005	LF	3/8" Thick x 9" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop With Center Bulb	13.51
03 15 13 13-0006	LF	1/2" Thick x 9" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop	20.41
03 15 13 13-0007	LF	3/16" Thick x 6" Wide Dumbbell Polyvinyl Chloride (PVC) Waterstop	10.02
03 15 13 13-0008	LF	3/8" Thick x 6" Wide Dumbbell Polyvinyl Chloride (PVC) Waterstop	12.51
03 15 13 13-0009	LF	3/8" Thick x 9" Wide Plain Polyvinyl Chloride (PVC) Waterstop	22.32
03 15 13 13-0010	LF	3/8" Thick x 9" Wide Plain Polyvinyl Chloride (PVC) Waterstop With Center Bulb	17.58

03 15 13 13-0011 Rubber Waterstops *(03 15 13 13)*

03 15 13 13-0012	LF	3/8" Thick x 6" Wide Rubber Dumbbell Waterstop	10.03
03 15 13 13-0013	LF	3/8" Thick x 9" Wide Rubber Dumbbell Waterstop	11.50
03 15 13 13-0014	LF	1/4" Thick x 6" Wide Rubber Waterstop, With Center Bulb	10.48
03 15 13 13-0015	LF	1/4" Thick x 9" Wide Rubber Waterstop, With Center Bulb	14.35
03 15 13 13-0016	LF	3/8" Thick x 6" Wide Rubber Waterstop, With Center Bulb	11.91
03 15 13 13-0017	LF	3/8" Thick x 9" Wide Rubber Waterstop, With Center Bulb	15.23

03 15 13 16 Expanding Waterstops *(03 15 13)*

03 15 13 16-0001 Bentonite Waterstops *(03 15 13 16)*

03 15 13 16-0002	LF	3/4" x 3/8" Bentonite Waterstop	8.05
03 15 13 16-0003	LF	1-1/4" x 1/2" Bentonite Waterstop	12.37
03 15 13 16-0004	LF	1" x 3/4" Bentonite Waterstop	13.90
03 15 13 16-0005	LF	1" x 1" Bentonite Waterstop	15.76

03 15 16 Concrete Construction Joints *(03 15)*

03 15 16 00-0001 Poured Expansion Joint *(03 15 16)*

03 15 16 00-0002	LF	1/2" x 1" Plain Asphalt Expansion Joint, Poured	3.62	1.03
		For Installation In Walls, Add	*1.72*	
03 15 16 00-0003	LF	1" x 2" Plain Asphalt Expansion Joint, Poured	7.96	1.03
		For Installation In Walls, Add	*1.94*	
03 15 16 00-0004	LF	1/2" x 1" Liquid Neoprene Expansion Joint, Poured, Cold Applied	3.90	1.03
		For Installation In Walls, Add	*1.72*	
03 15 16 00-0005	LF	1" x 2" Liquid Neoprene Expansion Joint, Poured, Cold Applied	9.05	1.03
		For Installation In Walls, Add	*1.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 16 00-0006	LF	1/2" x 1" Polyurethane Expansion Joint, Poured, 2 Parts	5.57	1.03
		For Installation In Walls, Add	*1.94*	
03 15 16 00-0007	LF	1" x 2" Polyurethane Expansion Joint, Poured, Poured, 2 Parts	10.13	1.03
		For Installation In Walls, Add	*3.14*	
03 15 16 00-0008	LF	1/2" x 1" Rubberized Asphalt Expansion Joint, Poured, Hot Or Cold Applied	4.01	1.03
		For Installation In Walls, Add	*1.72*	
03 15 16 00-0009	LF	1/2" x 1" Rubberized Asphalt Expansion Joint, Poured, Hot Applied Fuel Resistant	4.90	1.03
		For Installation In Walls, Add	*1.72*	
03 15 16 00-0010	LF	1" x 2" Rubberized Asphalt Expansion Joint, Poured, Hot Applied Fuel Resistant	12.56	1.03
		For Installation In Walls, Add	*1.94*	
03 15 16 00-0011		Premolded Expansion Joints *(03 15 16)*		
03 15 16 00-0012		Asphalt Saturated Fiber, Premolded Expansion Joints *(03 15 16 00-0011)*		
03 15 16 00-0013	LF	1/4" x 3" Asphalt Saturated Fiber, Premolded Expansion Joint	2.47	1.14
03 15 16 00-0014	LF	1/4" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint	2.86	1.20
03 15 16 00-0015	LF	1/4" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint	3.08	1.25
03 15 16 00-0016	LF	1/4" x 6" Asphalt Saturated Fiber, Premolded Expansion Joint	3.32	1.31
03 15 16 00-0017	LF	3/8" x 3" Asphalt Saturated Fiber, Premolded Expansion Joint	2.71	1.14
03 15 16 00-0018	LF	3/8" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint	3.04	1.20
03 15 16 00-0019	LF	3/8" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint	3.43	1.25
03 15 16 00-0020	LF	3/8" x 6" Asphalt Saturated Fiber, Premolded Expansion Joint	3.98	1.31
03 15 16 00-0021	LF	1/2" x 2" Asphalt Saturated Fiber, Premolded Expansion Joint	2.45	1.08
03 15 16 00-0022	LF	1/2" x 3" Asphalt Saturated Fiber, Premolded Expansion Joint	2.67	1.14
03 15 16 00-0023	LF	1/2" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint	2.95	1.20
03 15 16 00-0024	LF	1/2" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint	3.17	1.25
03 15 16 00-0025	LF	1/2" x 6" Asphalt Saturated Fiber, Premolded Expansion Joint	3.44	1.31
03 15 16 00-0026	LF	1/2" x 8" Asphalt Saturated Fiber, Premolded Expansion Joint	3.83	1.37
03 15 16 00-0027	LF	1/2" x 10" Asphalt Saturated Fiber, Premolded Expansion Joint	4.13	1.42
03 15 16 00-0028	LF	1/2" x 12" Asphalt Saturated Fiber, Premolded Expansion Joint	4.65	1.48
03 15 16 00-0029	LF	3/4" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint	2.97	1.20
03 15 16 00-0030	LF	3/4" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint	3.41	1.25
03 15 16 00-0031	LF	3/4" x 8" Asphalt Saturated Fiber, Premolded Expansion Joint	4.18	1.37
03 15 16 00-0032	SF	1" Asphalt Saturated Fiber, Premolded Expansion Joint	7.29	1.88
03 15 16 00-0033		Cork, Premolded Expansion Joints *(03 15 16 00-0011)*		
03 15 16 00-0034	LF	1/2" x 4" Cork, Premolded Expansion Joint	4.31	1.20
03 15 16 00-0035	LF	1/2" x 6" Cork, Premolded Expansion Joint	4.84	1.31
03 15 16 00-0036	LF	1/2" x 8" Cork, Premolded Expansion Joint	5.26	1.37
03 15 16 00-0037	LF	1/2" x 10" Cork, Premolded Expansion Joint	7.43	1.42
03 15 16 00-0038	LF	1/2" x 12" Cork, Premolded Expansion Joint	7.91	1.48
03 15 16 00-0039	SF	1/2" Cork, Premolded Expansion Joint	8.71	1.88
03 15 16 00-0040	SF	3/4" Cork, Premolded Expansion Joint	10.13	1.88
03 15 16 00-0041	SF	1" Cork, Premolded Expansion Joint	10.78	1.88
03 15 16 00-0042		Flexible Polyethylene Foam, Premolded Expansion Joints *(03 15 16 00-0011)*		
03 15 16 00-0043	LF	1/4" x 4" Flexible Polyethylene Foam, Premolded Expansion Joint	2.70	1.20
03 15 16 00-0044	LF	1/4" x 5" Flexible Polyethylene Foam, Premolded Expansion Joint	2.81	1.25
03 15 16 00-0045	LF	1/4" x 6" Flexible Polyethylene Foam, Premolded Expansion Joint	2.96	1.31
03 15 16 00-0046	LF	1/4" x 8" Flexible Polyethylene Foam, Premolded Expansion Joint	3.45	1.37
03 15 16 00-0047	LF	1/2" x 4" Flexible Polyethylene Foam, Premolded Expansion Joint	2.78	1.20
03 15 16 00-0048	LF	1/2" x 5" Flexible Polyethylene Foam, Premolded Expansion Joint	2.90	1.25
03 15 16 00-0049	LF	1/2" x 6" Flexible Polyethylene Foam, Premolded Expansion Joint	3.02	1.31
03 15 16 00-0050	LF	1/2" x 8" Flexible Polyethylene Foam, Premolded Expansion Joint	3.32	1.37
03 15 16 00-0051		Zip Strip, Premolded Expansion Joints *(03 15 16 00-0011)*		
03 15 16 00-0052	LF	1" Zip Strip, Premolded Expansion Joint	2.73	1.20
03 15 16 00-0053	LF	1-1/2" Zip Strip, Premolded Expansion Joint	2.98	1.25
03 15 16 00-0054	LF	2" Zip Strip, Premolded Expansion Joint	3.31	1.37
03 15 16 00-0055		Sponge Rubber, Premolded Expansion Joints *(03 15 16 00-0011)*		
03 15 16 00-0056	LF	1/2" x 4" Sponge Rubber, Premolded Expansion Joint	4.62	1.14
03 15 16 00-0057	LF	1/2" x 6" Sponge Rubber, Premolded Expansion Joint	5.55	1.14
03 15 16 00-0058		Asphalt Felt Control Joints Or Bond Breaker *(03 15 16)*		
03 15 16 00-0059	SF	Asphalt Felt Control Joint, 30 Lb. Felt Bond Breaker	1.31	0.86
		>1,250, Deduct	*-0.07*	
03 15 16 00-0060	SF	Asphalt Felt Control Joint, 15 Lb. Felt Bond Breaker	1.22	0.86
		>1,250, Deduct	*-0.06*	
03 15 16 00-0061		Keyed Cold Expansion And Control Joints *(03 15 16)*		
03 15 16 00-0062		24 Gauge Galvanized Steel With Stakes *(03 15 16 00-0061)*		
03 15 16 00-0063	LF	24 Gauge Galvanized Steel Keyed Joint, 3-1/2" Cold Expansion Or Control Joint	6.55	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 16 00-0064	LF	24 Gauge Galvanized Steel Keyed Joint, 4-1/2" Cold Expansion Or Control Joint	6.67	
03 15 16 00-0065	LF	24 Gauge Galvanized Steel Keyed Joint, 5-1/2" Cold Expansion Or Control Joint	6.91	
03 15 16 00-0066	LF	24 Gauge Galvanized Steel Keyed Joint, 7-1/2" Cold Expansion Or Control Joint	7.34	
03 15 16 00-0067	LF	24 Gauge Galvanized Steel Keyed Joint, 9-1/2" Cold Expansion Or Control Joint	9.23	

03 15 19 Cast-In Concrete Anchors *(03 15)*

03 15 19 00-0001 Cast In Place Anchors *(03 15 19)*

Note: For cast in place installations. Includes nut and washer.

03 15 19 00-0002 J-Type Anchor Bolts *(03 15 19 00-0001)*

See CSI section 03 11 13 00-0002 for template.

03 15 19 00-0003 1/2" And 5/8" Diameter *(03 15 19 00-0002)*

03 15 19 00-0004	EA	1/2" Diameter x 6" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	12.60
		For Galvanized, Add	*3.07*
		For Stainless Steel, Add	*21.46*
		For >10 To 50, Deduct	*-0.32*
		For >50 To 100, Deduct	*-0.80*
		For >100, Deduct	*-1.60*
03 15 19 00-0005	EA	1/2" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	14.78
		For Galvanized, Add	*3.91*
		For Stainless Steel, Add	*27.34*
		For >10 To 50, Deduct	*-0.35*
		For >50 To 100, Deduct	*-0.89*
		For >100, Deduct	*-1.78*
03 15 19 00-0006	EA	1/2" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	18.31
		For Galvanized, Add	*5.38*
		For Stainless Steel, Add	*37.66*
		For >10 To 50, Deduct	*-0.38*
		For >50 To 100, Deduct	*-1.02*
		For >100, Deduct	*-2.05*
03 15 19 00-0007	EA	5/8" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	21.61
		For Galvanized, Add	*7.03*
		For Stainless Steel, Add	*49.21*
		For >10 To 50, Deduct	*-0.38*
		For >50 To 100, Deduct	*-1.11*
		For >100, Deduct	*-2.21*
03 15 19 00-0008	EA	5/8" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	27.01
		For Galvanized, Add	*9.39*
		For Stainless Steel, Add	*65.70*
		For >10 To 50, Deduct	*-0.41*
		For >50 To 100, Deduct	*-1.29*
		For >100, Deduct	*-2.59*
03 15 19 00-0009	EA	5/8" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	30.51
		For Galvanized, Add	*10.73*
		For Stainless Steel, Add	*75.08*
		For >10 To 50, Deduct	*-0.45*
		For >50 To 100, Deduct	*-1.44*
		For >100, Deduct	*-2.88*

03 15 19 00-0010 3/4" And 7/8" Diameter *(03 15 19 00-0002)*

03 15 19 00-0011	EA	3/4" Diameter x 8" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	30.36
		For Galvanized, Add	*10.65*
		For Stainless Steel, Add	*74.55*
		For >10 To 50, Deduct	*-0.45*
		For >50 To 100, Deduct	*-1.44*
		For >100, Deduct	*-2.88*
03 15 19 00-0012	EA	3/4" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	34.89
		For Galvanized, Add	*12.41*
		For Stainless Steel, Add	*86.87*
		For >10 To 50, Deduct	*-0.50*
		For >50 To 100, Deduct	*-1.63*
		For >100, Deduct	*-3.26*
03 15 19 00-0013	EA	3/4" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	43.12
		For Galvanized, Add	*15.90*
		For Stainless Steel, Add	*111.27*
		For >10 To 50, Deduct	*-0.57*
		For >50 To 100, Deduct	*-1.93*
		For >100, Deduct	*-3.86*
03 15 19 00-0014	EA	3/4" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	52.76
		For Galvanized, Add	*20.04*
		For Stainless Steel, Add	*140.25*
		For >10 To 50, Deduct	*-0.63*
		For >50 To 100, Deduct	*-2.27*
		For >100, Deduct	*-4.54*
03 15 19 00-0015	EA	7/8" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	40.44
		For Galvanized, Add	*14.56*
		For Stainless Steel, Add	*101.89*
		For >10 To 50, Deduct	*-0.57*
		For >50 To 100, Deduct	*-1.86*
		For >100, Deduct	*-3.72*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0016	EA	7/8" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	47.80	
		For Galvanized, Add	*17.43*	
		For Stainless Steel, Add	*122.01*	
		For >10 To 50, Deduct	*-0.65*	
		For >50 To 100, Deduct	*-2.17*	
		For >100, Deduct	*-4.33*	
03 15 19 00-0017	EA	7/8" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	61.56	
		For Galvanized, Add	*23.23*	
		For Stainless Steel, Add	*162.61*	
		For >10 To 50, Deduct	*-0.76*	
		For >50 To 100, Deduct	*-2.67*	
		For >100, Deduct	*-5.34*	
03 15 19 00-0018		1" And 1-1/8" Diameter *(03 15 19 00-0002)*		
03 15 19 00-0019	EA	1" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	50.59	
		For Galvanized, Add	*18.83*	
		For Stainless Steel, Add	*131.78*	
		For >10 To 50, Deduct	*-0.65*	
		For >50 To 100, Deduct	*-2.24*	
		For >100, Deduct	*-4.47*	
03 15 19 00-0020	EA	1" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	60.41	
		For Galvanized, Add	*22.66*	
		For Stainless Steel, Add	*158.59*	
		For >10 To 50, Deduct	*-0.76*	
		For >50 To 100, Deduct	*-2.64*	
		For >100, Deduct	*-5.29*	
03 15 19 00-0021	EA	1" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	74.93	
		For Galvanized, Add	*28.41*	
		For Stainless Steel, Add	*198.84*	
		For >10 To 50, Deduct	*-0.91*	
		For >50 To 100, Deduct	*-3.23*	
		For >100, Deduct	*-6.46*	
03 15 19 00-0022	EA	1" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	92.06	
		For Galvanized, Add	*34.71*	
		For Stainless Steel, Add	*242.94*	
		For >10 To 50, Deduct	*-1.13*	
		For >50 To 100, Deduct	*-4.00*	
		For >100, Deduct	*-8.00*	
03 15 19 00-0023	EA	1-1/8" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	61.29	
		For Galvanized, Add	*23.54*	
		For Stainless Steel, Add	*164.78*	
		For >10 To 50, Deduct	*-0.71*	
		For >50 To 100, Deduct	*-2.60*	
		For >100, Deduct	*-5.20*	
03 15 19 00-0024	EA	1-1/8" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	73.22	
		For Galvanized, Add	*28.33*	
		For Stainless Steel, Add	*198.28*	
		For >10 To 50, Deduct	*-0.83*	
		For >50 To 100, Deduct	*-3.07*	
		For >100, Deduct	*-6.15*	
03 15 19 00-0025	EA	1-1/8" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	90.91	
		For Galvanized, Add	*35.51*	
		For Stainless Steel, Add	*248.57*	
		For >10 To 50, Deduct	*-0.99*	
		For >50 To 100, Deduct	*-3.76*	
		For >100, Deduct	*-7.53*	
03 15 19 00-0026	EA	1-1/8" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	111.63	
		For Galvanized, Add	*43.38*	
		For Stainless Steel, Add	*303.66*	
		For >10 To 50, Deduct	*-1.24*	
		For >50 To 100, Deduct	*-4.66*	
		For >100, Deduct	*-9.31*	
03 15 19 00-0027		1-1/4" And 1-1/2" Diameter *(03 15 19 00-0002)*		
03 15 19 00-0028	EA	1-1/4" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	74.58	
		For Galvanized, Add	*29.42*	
		For Stainless Steel, Add	*205.94*	
		For >10 To 50, Deduct	*-0.79*	
		For >50 To 100, Deduct	*-3.05*	
		For >100, Deduct	*-6.09*	
03 15 19 00-0029	EA	1-1/4" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	89.18	
		For Galvanized, Add	*35.42*	
		For Stainless Steel, Add	*247.91*	
		For >10 To 50, Deduct	*-0.92*	
		For >50 To 100, Deduct	*-3.61*	
		For >100, Deduct	*-7.21*	
03 15 19 00-0030	EA	1-1/4" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	110.83	
		For Galvanized, Add	*44.40*	
		For Stainless Steel, Add	*310.77*	
		For >10 To 50, Deduct	*-1.10*	
		For >50 To 100, Deduct	*-4.42*	
		For >100, Deduct	*-8.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0031	EA	1-1/4" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	135.98	
		For Galvanized, Add	*54.22*	
		For Stainless Steel, Add	*379.54*	
		For >10 To 50, Deduct	*-1.38*	
		For >50 To 100, Deduct	*-5.47*	
		For >100, Deduct	*-10.93*	
03 15 19 00-0032	EA	1-1/2" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	91.20	
		For Galvanized, Add	*36.78*	
		For Stainless Steel, Add	*257.43*	
		For >10 To 50, Deduct	*-0.88*	
		For >50 To 100, Deduct	*-3.60*	
		For >100, Deduct	*-7.21*	
03 15 19 00-0033	EA	1-1/2" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	109.11	
		For Galvanized, Add	*44.26*	
		For Stainless Steel, Add	*309.82*	
		For >10 To 50, Deduct	*-1.03*	
		For >50 To 100, Deduct	*-4.27*	
		For >100, Deduct	*-8.54*	
03 15 19 00-0034	EA	1-1/2" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	135.73	
		For Galvanized, Add	*55.51*	
		For Stainless Steel, Add	*388.54*	
		For >10 To 50, Deduct	*-1.24*	
		For >50 To 100, Deduct	*-5.25*	
		For >100, Deduct	*-10.49*	
03 15 19 00-0035	EA	1-1/2" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	166.44	
		For Galvanized, Add	*67.78*	
		For Stainless Steel, Add	*474.46*	
		For >10 To 50, Deduct	*-1.54*	
		For >50 To 100, Deduct	*-6.48*	
		For >100, Deduct	*-12.95*	

03 15 19 00-0036 L-Type Anchor Bolts *(03 15 19 00-0001)*

See CSI section 03 11 13 00-0002 for template.

03 15 19 00-0037 3/4" And 7/8" Diameter *(03 15 19 00-0036)*

03 15 19 00-0038	EA	3/4" Diameter x 12" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	26.35	
		For Galvanized, Add	*8.14*	
		For Stainless Steel, Add	*56.98*	
		For >10 To 50, Deduct	*-0.50*	
		For >50 To 100, Deduct	*-1.41*	
		For >100, Deduct	*-2.83*	
03 15 19 00-0039	EA	3/4" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	31.44	
		For Galvanized, Add	*10.06*	
		For Stainless Steel, Add	*70.39*	
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.64*	
		For >100, Deduct	*-3.27*	
03 15 19 00-0040	EA	3/4" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	36.00	
		For Galvanized, Add	*11.53*	
		For Stainless Steel, Add	*80.71*	
		For >10 To 50, Deduct	*-0.65*	
		For >50 To 100, Deduct	*-1.87*	
		For >100, Deduct	*-3.74*	
03 15 19 00-0041	EA	3/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	39.04	
		For Galvanized, Add	*11.97*	
		For Stainless Steel, Add	*83.79*	
		For >10 To 50, Deduct	*-0.76*	
		For >50 To 100, Deduct	*-2.11*	
		For >100, Deduct	*-4.22*	
03 15 19 00-0042	EA	3/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	43.25	
		For Galvanized, Add	*12.57*	
		For Stainless Steel, Add	*87.96*	
		For >10 To 50, Deduct	*-0.91*	
		For >50 To 100, Deduct	*-2.44*	
		For >100, Deduct	*-4.88*	
03 15 19 00-0043	EA	7/8" Diameter x 12" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	31.52	
		For Galvanized, Add	*10.10*	
		For Stainless Steel, Add	*70.67*	
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.64*	
		For >100, Deduct	*-3.28*	
03 15 19 00-0044	EA	7/8" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	36.46	
		For Galvanized, Add	*11.76*	
		For Stainless Steel, Add	*82.32*	
		For >10 To 50, Deduct	*-0.65*	
		For >50 To 100, Deduct	*-1.88*	
		For >100, Deduct	*-3.76*	
03 15 19 00-0045	EA	7/8" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	42.07	
		For Galvanized, Add	*13.49*	
		For Stainless Steel, Add	*94.40*	
		For >10 To 50, Deduct	*-0.76*	
		For >50 To 100, Deduct	*-2.18*	
		For >100, Deduct	*-4.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0046	EA	7/8" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	46.12	
		For Galvanized, Add	*14.00*	
		For Stainless Steel, Add	*98.00*	
		For >10 To 50, Deduct	*-0.91*	
		For >50 To 100, Deduct	*-2.51*	
		For >100, Deduct	*-5.02*	
03 15 19 00-0047	EA	7/8" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	52.07	
		For Galvanized, Add	*14.71*	
		For Stainless Steel, Add	*102.97*	
		For >10 To 50, Deduct	*-1.13*	
		For >50 To 100, Deduct	*-3.00*	
		For >100, Deduct	*-6.00*	
03 15 19 00-0048		1" And 1-1/8" Diameter *(03 15 19 00-0036)*		
03 15 19 00-0049	EA	1" Diameter x 12" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	38.83	
		For Galvanized, Add	*12.95*	
		For Stainless Steel, Add	*90.62*	
		For >10 To 50, Deduct	*-0.65*	
		For >50 To 100, Deduct	*-1.94*	
		For >100, Deduct	*-3.88*	
03 15 19 00-0050	EA	1" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	44.21	
		For Galvanized, Add	*14.56*	
		For Stainless Steel, Add	*101.89*	
		For >10 To 50, Deduct	*-0.76*	
		For >50 To 100, Deduct	*-2.24*	
		For >100, Deduct	*-4.48*	
03 15 19 00-0051	EA	1" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	50.68	
		For Galvanized, Add	*16.28*	
		For Stainless Steel, Add	*113.96*	
		For >10 To 50, Deduct	*-0.91*	
		For >50 To 100, Deduct	*-2.63*	
		For >100, Deduct	*-5.25*	
03 15 19 00-0052	EA	1" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	53.78	
		For Galvanized, Add	*17.05*	
		For Stainless Steel, Add	*119.32*	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.82*	
		For >100, Deduct	*-5.64*	
03 15 19 00-0053	EA	1" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	58.35	
		For Galvanized, Add	*17.85*	
		For Stainless Steel, Add	*124.95*	
		For >10 To 50, Deduct	*-1.13*	
		For >50 To 100, Deduct	*-3.16*	
		For >100, Deduct	*-6.32*	
03 15 19 00-0054	EA	1" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	66.54	
		For Galvanized, Add	*20.69*	
		For Stainless Steel, Add	*144.80*	
		For >10 To 50, Deduct	*-1.26*	
		For >50 To 100, Deduct	*-3.55*	
		For >100, Deduct	*-7.10*	
03 15 19 00-0055	EA	1" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	78.61	
		For Galvanized, Add	*24.21*	
		For Stainless Steel, Add	*169.47*	
		For >10 To 50, Deduct	*-1.51*	
		For >50 To 100, Deduct	*-4.23*	
		For >100, Deduct	*-8.46*	
03 15 19 00-0056	EA	1-1/8" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	49.15	
		For Galvanized, Add	*17.03*	
		For Stainless Steel, Add	*119.18*	
		For >10 To 50, Deduct	*-0.76*	
		For >50 To 100, Deduct	*-2.36*	
		For >100, Deduct	*-4.72*	
03 15 19 00-0057	EA	1-1/8" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	56.23	
		For Galvanized, Add	*19.06*	
		For Stainless Steel, Add	*133.39*	
		For >10 To 50, Deduct	*-0.91*	
		For >50 To 100, Deduct	*-2.76*	
		For >100, Deduct	*-5.53*	
03 15 19 00-0058	EA	1-1/8" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	59.57	
		For Galvanized, Add	*19.94*	
		For Stainless Steel, Add	*139.58*	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.97*	
		For >100, Deduct	*-5.93*	

03 20 Concrete Reinforcing *(03)*

Note: Includes cutting or torching to size, bending where necessary and tie wires.

03 21 Reinforcement Bars *(03 20)*

Note: Includes cutting, bending, tie wire, tying, bar chairs and all non-mechanical splicing. The weights of reinforcing steel shall be used as follows: #2 - 0.167 Lb./LF, #3 - 0.376 Ls./LF, #4 - 0.668 Lb./LF, #5 - 1.043 Lb./LF, #6 - 1.502 Lb./LF, #7 - 2.044 Lb./LF, #8 - 2.670 Lb./LF, #9 - 3.400 Lb./LF, #10 - 4.303 Lb./LF, #11 - 5.313 Lb./LF, #14 - 7.650 Lb./LF, #18 - 13.600 Lb./LF.

03 21 11 Plain Steel Reinforcement Bars *(03 21)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0001		**Beams And Girders, Steel Reinforcement Bar** *(03 21 11)*		
		Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.		
03 21 11 00-0002	LF	#3, Grade 40, Beams And Girders, Steel Reinforcement Bar	0.84	
		For Up To 100, Add	*0.58*	
		For >100 To 200, Add	*0.31*	
		For >200 To 500, Add	*0.12*	
03 21 11 00-0003	LF	#4, Grade 40, Beams And Girders, Steel Reinforcement Bar	1.43	
		For Up To 100, Add	*1.00*	
		For >100 To 200, Add	*0.54*	
		For >200 To 500, Add	*0.21*	
03 21 11 00-0004	LF	#5, Grade 40, Beams And Girders, Steel Reinforcement Bar	2.15	
		For Up To 100, Add	*1.53*	
		For >100 To 200, Add	*0.82*	
		For >200 To 500, Add	*0.33*	
03 21 11 00-0005	LF	#6, Grade 40, Beams And Girders, Steel Reinforcement Bar	2.98	
		For Up To 100, Add	*2.15*	
		For >100 To 200, Add	*1.15*	
		For >200 To 500, Add	*0.46*	
03 21 11 00-0006	LF	#3, Grade 50, Beams And Girders, Steel Reinforcement Bar	0.86	
		For Up To 100, Add	*0.60*	
		For >100 To 200, Add	*0.32*	
		For >200 To 500, Add	*0.13*	
03 21 11 00-0007	LF	#4, Grade 50, Beams And Girders, Steel Reinforcement Bar	1.47	
		For Up To 100, Add	*1.04*	
		For >100 To 200, Add	*0.56*	
		For >200 To 500, Add	*0.22*	
03 21 11 00-0008	LF	#5, Grade 50, Beams And Girders, Steel Reinforcement Bar	2.20	
		For Up To 100, Add	*1.58*	
		For >100 To 200, Add	*0.84*	
		For >200 To 500, Add	*0.34*	
03 21 11 00-0009	LF	#6, Grade 50, Beams And Girders, Steel Reinforcement Bar	3.06	
		For Up To 100, Add	*2.23*	
		For >100 To 200, Add	*1.19*	
		For >200 To 500, Add	*0.47*	
03 21 11 00-0010	LF	#3, Grade 60, Beams And Girders, Steel Reinforcement Bar	0.89	
		For Up To 100, Add	*0.63*	
		For >100 To 200, Add	*0.34*	
		For >200 To 500, Add	*0.13*	
03 21 11 00-0011	LF	#4, Grade 60, Beams And Girders, Steel Reinforcement Bar	1.52	
		For Up To 100, Add	*1.09*	
		For >100 To 200, Add	*0.58*	
		For >200 To 500, Add	*0.23*	
03 21 11 00-0012	LF	#5, Grade 60, Beams And Girders, Steel Reinforcement Bar	2.29	
		For Up To 100, Add	*1.67*	
		For >100 To 200, Add	*0.89*	
		For >200 To 500, Add	*0.35*	
03 21 11 00-0013	LF	#6, Grade 60, Beams And Girders, Steel Reinforcement Bar	3.18	
		For Up To 100, Add	*2.35*	
		For >100 To 200, Add	*1.25*	
		For >200 To 500, Add	*0.50*	
03 21 11 00-0014	LF	#7, Grade 60, Beams And Girders, Steel Reinforcement Bar	4.13	
		For Up To 100, Add	*2.42*	
		For >100 To 200, Add	*1.40*	
		For >200 To 400, Add	*0.66*	
03 21 11 00-0015	LF	#8, Grade 60, Beams And Girders, Steel Reinforcement Bar	5.18	
		For Up To 100, Add	*3.09*	
		For >100 To 200, Add	*1.77*	
		For >200 To 400, Add	*0.84*	
03 21 11 00-0016	LF	#9, Grade 60, Beams And Girders, Steel Reinforcement Bar	6.40	
		For Up To 100, Add	*3.87*	
		For >100 To 200, Add	*2.21*	
		For >200 To 400, Add	*1.05*	
03 21 11 00-0017	LF	#10, Grade 60, Beams And Girders, Steel Reinforcement Bar	7.86	
		For Up To 100, Add	*3.90*	
		For >100 To 200, Add	*2.09*	
		For >200 To 300, Add	*1.04*	
03 21 11 00-0018	LF	#11, Grade 60, Beams And Girders, Steel Reinforcement Bar	9.39	
		For Up To 100, Add	*4.72*	
		For >100 To 200, Add	*2.51*	
		For >200 To 300, Add	*1.26*	
03 21 11 00-0019	LF	#14, Grade 60, Beams And Girders, Steel Reinforcement Bar	13.09	
		For Up To 100, Add	*6.67*	
		For >100 To 200, Add	*3.53*	
		For >200 To 300, Add	*1.77*	
03 21 11 00-0020	LF	#18, Grade 60, Beams And Girders, Steel Reinforcement Bar	22.48	
		For Up To 100, Add	*11.62*	
		For >100 To 200, Add	*6.12*	
		For >200 To 300, Add	*3.06*	
03 21 11 00-0021	LF	#6, Grade 75, Beams And Girders, Steel Reinforcement Bar	3.30	
		For Up To 100, Add	*2.47*	
		For >100 To 200, Add	*1.31*	
		For >200 To 500, Add	*0.52*	
03 21 11 00-0022	LF	#7, Grade 75, Beams And Girders, Steel Reinforcement Bar	4.30	
		For Up To 100, Add	*2.55*	
		For >100 To 200, Add	*1.47*	
		For >200 To 400, Add	*0.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0023	LF	#8, Grade 75, Beams And Girders, Steel Reinforcement Bar	5.40	
		For Up To 100, Add	*3.25*	
		For >100 To 200, Add	*1.86*	
		For >200 To 400, Add	*0.88*	
03 21 11 00-0024	LF	#9, Grade 75, Beams And Girders, Steel Reinforcement Bar	6.67	
		For Up To 100, Add	*4.07*	
		For >100 To 200, Add	*2.32*	
		For >200 To 400, Add	*1.10*	
03 21 11 00-0025	LF	#10, Grade 75, Beams And Girders, Steel Reinforcement Bar	8.20	
		For Up To 100, Add	*4.11*	
		For >100 To 200, Add	*2.19*	
		For >200 To 300, Add	*1.09*	
03 21 11 00-0026	LF	#11, Grade 75, Beams And Girders, Steel Reinforcement Bar	9.82	
		For Up To 100, Add	*4.98*	
		For >100 To 200, Add	*2.64*	
		For >200 To 300, Add	*1.32*	
03 21 11 00-0027	LF	#14, Grade 75, Beams And Girders, Steel Reinforcement Bar	13.70	
		For Up To 100, Add	*7.04*	
		For >100 To 200, Add	*3.72*	
		For >200 To 300, Add	*1.86*	
03 21 11 00-0028	LF	#18, Grade 75, Beams And Girders, Steel Reinforcement Bar	23.56	
		For Up To 100, Add	*12.27*	
		For >100 To 200, Add	*6.45*	
		For >200 To 300, Add	*3.22*	
03 21 11 00-0029	LF	#3, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	0.91	
		For Up To 100, Add	*0.65*	
		For >100 To 200, Add	*0.35*	
		For >200 To 500, Add	*0.14*	
03 21 11 00-0030	LF	#4, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	1.56	
		For Up To 100, Add	*1.13*	
		For >100 To 200, Add	*0.60*	
		For >200 To 500, Add	*0.24*	
03 21 11 00-0031	LF	#5, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	2.35	
		For Up To 100, Add	*1.73*	
		For >100 To 200, Add	*0.92*	
		For >200 To 500, Add	*0.37*	
03 21 11 00-0032	LF	#6, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	3.27	
		For Up To 100, Add	*2.44*	
		For >100 To 200, Add	*1.29*	
		For >200 To 500, Add	*0.52*	
03 21 11 00-0033	LF	#7, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	4.26	
		For Up To 100, Add	*2.52*	
		For >100 To 200, Add	*1.45*	
		For >200 To 400, Add	*0.68*	
03 21 11 00-0034	LF	#8, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	5.34	
		For Up To 100, Add	*3.21*	
		For >100 To 200, Add	*1.84*	
		For >200 To 400, Add	*0.87*	
03 21 11 00-0035	LF	#9, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	6.60	
		For Up To 100, Add	*4.02*	
		For >100 To 200, Add	*2.29*	
		For >200 To 400, Add	*1.09*	
03 21 11 00-0036	LF	#10, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	8.11	
		For Up To 100, Add	*4.05*	
		For >100 To 200, Add	*2.16*	
		For >200 To 300, Add	*1.08*	
03 21 11 00-0037	LF	#11, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	9.71	
		For Up To 100, Add	*4.91*	
		For >100 To 200, Add	*2.61*	
		For >200 To 300, Add	*1.30*	
03 21 11 00-0038	LF	#14, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	13.54	
		For Up To 100, Add	*6.94*	
		For >100 To 200, Add	*3.67*	
		For >200 To 300, Add	*1.83*	
03 21 11 00-0039	LF	#18, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	23.29	
		For Up To 100, Add	*12.11*	
		For >100 To 200, Add	*6.37*	
		For >200 To 300, Add	*3.18*	

03 21 11 00-0040 Columns, Steel Reinforcement Bar *(03 21 11)*

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

03 21 11 00-0041	LF	#3, Grade 40, Columns, Steel Reinforcement Bar	0.88	
		For Up To 100, Add	*0.59*	
		For >100 To 200, Add	*0.32*	
		For >200 To 500, Add	*0.13*	
03 21 11 00-0042	LF	#4, Grade 40, Columns, Steel Reinforcement Bar	1.51	
		For Up To 100, Add	*1.03*	
		For >100 To 200, Add	*0.56*	
		For >200 To 500, Add	*0.22*	
03 21 11 00-0043	LF	#5, Grade 40, Columns, Steel Reinforcement Bar	2.25	
		For Up To 100, Add	*1.57*	
		For >100 To 200, Add	*0.84*	
		For >200 To 500, Add	*0.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0044	LF	#6, Grade 40, Columns, Steel Reinforcement Bar	3.11	
		For Up To 100, Add	*2.20*	
		For >100 To 200, Add	*1.18*	
		For >200 To 500, Add	*0.47*	
03 21 11 00-0045	LF	#3, Grade 50, Columns, Steel Reinforcement Bar	0.90	
		For Up To 100, Add	*0.61*	
		For >100 To 200, Add	*0.33*	
		For >200 To 500, Add	*0.13*	
03 21 11 00-0046	LF	#4, Grade 50, Columns, Steel Reinforcement Bar	1.55	
		For Up To 100, Add	*1.07*	
		For >100 To 200, Add	*0.58*	
		For >200 To 500, Add	*0.23*	
03 21 11 00-0047	LF	#5, Grade 50, Columns, Steel Reinforcement Bar	2.30	
		For Up To 100, Add	*1.62*	
		For >100 To 200, Add	*0.87*	
		For >200 To 500, Add	*0.35*	
03 21 11 00-0048	LF	#6, Grade 50, Columns, Steel Reinforcement Bar	3.19	
		For Up To 100, Add	*2.28*	
		For >100 To 200, Add	*1.22*	
		For >200 To 500, Add	*0.49*	
03 21 11 00-0049	LF	#3, Grade 60, Columns, Steel Reinforcement Bar	0.93	
		For Up To 100, Add	*0.64*	
		For >100 To 200, Add	*0.35*	
		For >200 To 500, Add	*0.14*	
03 21 11 00-0050	LF	#4, Grade 60, Columns, Steel Reinforcement Bar	1.60	
		For Up To 100, Add	*1.12*	
		For >100 To 200, Add	*0.60*	
		For >200 To 500, Add	*0.24*	
03 21 11 00-0051	LF	#5, Grade 60, Columns, Steel Reinforcement Bar	2.39	
		For Up To 100, Add	*1.71*	
		For >100 To 200, Add	*0.91*	
		For >200 To 500, Add	*0.36*	
03 21 11 00-0052	LF	#6, Grade 60, Columns, Steel Reinforcement Bar	3.31	
		For Up To 100, Add	*2.40*	
		For >100 To 200, Add	*1.28*	
		For >200 To 500, Add	*0.51*	
03 21 11 00-0053	LF	#7, Grade 60, Columns, Steel Reinforcement Bar	4.31	
		For Up To 100, Add	*2.48*	
		For >100 To 200, Add	*1.44*	
		For >200 To 400, Add	*0.68*	
03 21 11 00-0054	LF	#8, Grade 60, Columns, Steel Reinforcement Bar	5.37	
		For Up To 100, Add	*3.16*	
		For >100 To 200, Add	*1.82*	
		For >200 To 400, Add	*0.86*	
03 21 11 00-0055	LF	#9, Grade 60, Columns, Steel Reinforcement Bar	6.63	
		For Up To 100, Add	*3.95*	
		For >100 To 200, Add	*2.27*	
		For >200 To 400, Add	*1.07*	
03 21 11 00-0056	LF	#10, Grade 60, Columns, Steel Reinforcement Bar	8.12	
		For Up To 100, Add	*3.98*	
		For >100 To 200, Add	*2.14*	
		For >200 To 300, Add	*1.07*	
03 21 11 00-0057	LF	#11, Grade 60, Columns, Steel Reinforcement Bar	9.68	
		For Up To 100, Add	*4.81*	
		For >100 To 200, Add	*2.57*	
		For >200 To 300, Add	*1.29*	
03 21 11 00-0058	LF	#14, Grade 60, Columns, Steel Reinforcement Bar	13.48	
		For Up To 100, Add	*6.79*	
		For >100 To 200, Add	*3.61*	
		For >200 To 300, Add	*1.81*	
03 21 11 00-0059	LF	#18, Grade 60, Columns, Steel Reinforcement Bar	23.10	
		For Up To 100, Add	*11.81*	
		For >100 To 200, Add	*6.25*	
		For >200 To 300, Add	*3.12*	
03 21 11 00-0060	LF	#6, Grade 75, Columns, Steel Reinforcement Bar	3.43	
		For Up To 100, Add	*2.52*	
		For >100 To 200, Add	*1.34*	
		For >200 To 500, Add	*0.54*	
03 21 11 00-0061	LF	#7, Grade 75, Columns, Steel Reinforcement Bar	4.48	
		For Up To 100, Add	*2.61*	
		For >100 To 200, Add	*1.51*	
		For >200 To 400, Add	*0.71*	
03 21 11 00-0062	LF	#8, Grade 75, Columns, Steel Reinforcement Bar	5.59	
		For Up To 100, Add	*3.32*	
		For >100 To 200, Add	*1.91*	
		For >200 To 400, Add	*0.90*	
03 21 11 00-0063	LF	#9, Grade 75, Columns, Steel Reinforcement Bar	6.90	
		For Up To 100, Add	*4.15*	
		For >100 To 200, Add	*2.38*	
		For >200 To 400, Add	*1.12*	
03 21 11 00-0064	LF	#10, Grade 75, Columns, Steel Reinforcement Bar	8.46	
		For Up To 100, Add	*4.19*	
		For >100 To 200, Add	*2.24*	
		For >200 To 300, Add	*1.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0065	LF	#11, Grade 75, Columns, Steel Reinforcement Bar	10.11	
		For Up To 100, Add	*5.07*	
		For >100 To 200, Add	*2.70*	
		For >200 To 300, Add	*1.35*	
03 21 11 00-0066	LF	#14, Grade 75, Columns, Steel Reinforcement Bar	14.09	
		For Up To 100, Add	*7.16*	
		For >100 To 200, Add	*3.79*	
		For >200 To 300, Add	*1.90*	
03 21 11 00-0067	LF	#18, Grade 75, Columns, Steel Reinforcement Bar	24.18	
		For Up To 100, Add	*12.46*	
		For >100 To 200, Add	*6.57*	
		For >200 To 300, Add	*3.29*	
03 21 11 00-0068	LF	#3, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	0.95	
		For Up To 100, Add	*0.66*	
		For >100 To 200, Add	*0.36*	
		For >200 To 500, Add	*0.14*	
03 21 11 00-0069	LF	#4, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	1.64	
		For Up To 100, Add	*1.16*	
		For >100 To 200, Add	*0.62*	
		For >200 To 500, Add	*0.25*	
03 21 11 00-0070	LF	#5, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	2.45	
		For Up To 100, Add	*1.77*	
		For >100 To 200, Add	*0.94*	
		For >200 To 500, Add	*0.38*	
03 21 11 00-0071	LF	#6, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	3.40	
		For Up To 100, Add	*2.49*	
		For >100 To 200, Add	*1.32*	
		For >200 To 500, Add	*0.53*	
03 21 11 00-0072	LF	#7, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	4.44	
		For Up To 100, Add	*2.58*	
		For >100 To 200, Add	*1.50*	
		For >200 To 400, Add	*0.70*	
03 21 11 00-0073	LF	#8, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	5.53	
		For Up To 100, Add	*3.28*	
		For >100 To 200, Add	*1.89*	
		For >200 To 400, Add	*0.89*	
03 21 11 00-0074	LF	#9, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	6.83	
		For Up To 100, Add	*4.10*	
		For >100 To 200, Add	*2.35*	
		For >200 To 400, Add	*1.11*	
03 21 11 00-0075	LF	#10, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	8.37	
		For Up To 100, Add	*4.13*	
		For >100 To 200, Add	*2.21*	
		For >200 To 300, Add	*1.11*	
03 21 11 00-0076	LF	#11, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	10.00	
		For Up To 100, Add	*5.00*	
		For >100 To 200, Add	*2.67*	
		For >200 To 300, Add	*1.33*	
03 21 11 00-0077	LF	#14, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	13.93	
		For Up To 100, Add	*7.06*	
		For >100 To 200, Add	*3.75*	
		For >200 To 300, Add	*1.87*	
03 21 11 00-0078	LF	#18, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	23.91	
		For Up To 100, Add	*12.29*	
		For >100 To 200, Add	*6.49*	
		For >200 To 300, Add	*3.24*	

03 21 11 00-0079 Footings, Steel Reinforcement Bar *(03 21 11)*

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

03 21 11 00-0080	LF	#3, Grade 40, Footings, Steel Reinforcement Bar	0.78	
		For Up To 100, Add	*0.55*	
		For >100 To 200, Add	*0.30*	
		For >200 To 500, Add	*0.12*	
03 21 11 00-0081	LF	#4, Grade 40, Footings, Steel Reinforcement Bar	1.32	
		For Up To 100, Add	*0.95*	
		For >100 To 200, Add	*0.51*	
		For >200 To 500, Add	*0.20*	
03 21 11 00-0082	LF	#5, Grade 40, Footings, Steel Reinforcement Bar	2.00	
		For Up To 100, Add	*1.47*	
		For >100 To 200, Add	*0.78*	
		For >200 To 500, Add	*0.31*	
03 21 11 00-0083	LF	#6, Grade 40, Footings, Steel Reinforcement Bar	2.77	
		For Up To 100, Add	*2.07*	
		For >100 To 200, Add	*1.09*	
		For >200 To 500, Add	*0.44*	
03 21 11 00-0084	LF	#3, Grade 50, Footings, Steel Reinforcement Bar	0.80	
		For Up To 100, Add	*0.57*	
		For >100 To 200, Add	*0.31*	
		For >200 To 500, Add	*0.12*	
03 21 11 00-0085	LF	#4, Grade 50, Footings, Steel Reinforcement Bar	1.36	
		For Up To 100, Add	*0.99*	
		For >100 To 200, Add	*0.53*	
		For >200 To 500, Add	*0.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0086	LF	#5, Grade 50, Footings, Steel Reinforcement Bar	2.05	
		For Up To 100, Add	*1.52*	
		For >100 To 200, Add	*0.80*	
		For >200 To 500, Add	*0.32*	
03 21 11 00-0087	LF	#6, Grade 50, Footings, Steel Reinforcement Bar	2.85	
		For Up To 100, Add	*2.15*	
		For >100 To 200, Add	*1.13*	
		For >200 To 500, Add	*0.45*	
03 21 11 00-0088	LF	#3, Grade 60, Footings, Steel Reinforcement Bar	0.83	
		For Up To 100, Add	*0.60*	
		For >100 To 200, Add	*0.32*	
		For >200 To 500, Add	*0.13*	
03 21 11 00-0089	LF	#4, Grade 60, Footings, Steel Reinforcement Bar	1.41	
		For Up To 100, Add	*1.04*	
		For >100 To 200, Add	*0.55*	
		For >200 To 500, Add	*0.22*	
03 21 11 00-0090	LF	#5, Grade 60, Footings, Steel Reinforcement Bar	2.14	
		For Up To 100, Add	*1.61*	
		For >100 To 200, Add	*0.85*	
		For >200 To 500, Add	*0.34*	
03 21 11 00-0091	LF	#6, Grade 60, Footings, Steel Reinforcement Bar	2.97	
		For Up To 100, Add	*2.27*	
		For >100 To 200, Add	*1.19*	
		For >200 To 500, Add	*0.48*	
03 21 11 00-0092	LF	#7, Grade 60, Footings, Steel Reinforcement Bar	3.88	
		For Up To 100, Add	*2.33*	
		For >100 To 200, Add	*1.34*	
		For >200 To 400, Add	*0.63*	
03 21 11 00-0093	LF	#8, Grade 60, Footings, Steel Reinforcement Bar	4.88	
		For Up To 100, Add	*2.98*	
		For >100 To 200, Add	*1.70*	
		For >200 To 400, Add	*0.81*	
03 21 11 00-0094	LF	#9, Grade 60, Footings, Steel Reinforcement Bar	6.05	
		For Up To 100, Add	*3.75*	
		For >100 To 200, Add	*2.12*	
		For >200 To 400, Add	*1.01*	
03 21 11 00-0095	LF	#10, Grade 60, Footings, Steel Reinforcement Bar	7.45	
		For Up To 100, Add	*4.67*	
		For >100 To 200, Add	*2.64*	
		For >200 To 400, Add	*1.26*	
		For Up To 100, Add	*3.78*	
		For >100 To 200, Add	*2.01*	
		For >200 To 300, Add	*1.00*	
03 21 11 00-0096	LF	#11, Grade 60, Footings, Steel Reinforcement Bar	8.93	
		For Up To 100, Add	*5.67*	
		For >100 To 200, Add	*3.19*	
		For >200 To 400, Add	*1.53*	
		For Up To 100, Add	*4.58*	
		For >100 To 200, Add	*2.42*	
		For >200 To 300, Add	*1.21*	
03 21 11 00-0097	LF	#14, Grade 60, Footings, Steel Reinforcement Bar	12.49	
		For Up To 100, Add	*8.03*	
		For >100 To 200, Add	*4.50*	
		For >200 To 400, Add	*2.16*	
		For Up To 100, Add	*6.49*	
		For >100 To 200, Add	*3.41*	
		For >200 To 300, Add	*1.71*	
03 21 11 00-0098	LF	#18, Grade 60, Footings, Steel Reinforcement Bar	21.54	
		For Up To 100, Add	*14.04*	
		For >100 To 200, Add	*7.82*	
		For >200 To 400, Add	*3.78*	
		For Up To 100, Add	*11.34*	
		For >100 To 200, Add	*5.93*	
		For >200 To 300, Add	*2.97*	
03 21 11 00-0099	LF	#6, Grade 75, Footings, Steel Reinforcement Bar	3.09	
		For Up To 100, Add	*2.39*	
		For >100 To 200, Add	*1.25*	
		For >200 To 500, Add	*0.50*	
		For Up To 100, Add	*1.85*	
		For >100 To 200, Add	*1.06*	
		For >200 To 400, Add	*0.50*	
03 21 11 00-0100	LF	#7, Grade 75, Footings, Steel Reinforcement Bar	4.05	
		For Up To 100, Add	*2.46*	
		For >100 To 200, Add	*1.40*	
		For >200 To 400, Add	*0.67*	
03 21 11 00-0101	LF	#8, Grade 75, Footings, Steel Reinforcement Bar	5.10	
		For Up To 100, Add	*3.15*	
		For >100 To 200, Add	*1.79*	
		For >200 To 400, Add	*0.85*	
03 21 11 00-0102	LF	#9, Grade 75, Footings, Steel Reinforcement Bar	6.32	
		For Up To 100, Add	*3.95*	
		For >100 To 200, Add	*2.23*	
		For >200 To 400, Add	*1.07*	
03 21 11 00-0103	LF	#10, Grade 75, Footings, Steel Reinforcement Bar	7.79	
		For Up To 100, Add	*3.98*	
		For >100 To 200, Add	*2.11*	
		For >200 To 300, Add	*1.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0104	LF	#11, Grade 75, Footings, Steel Reinforcement Bar	9.36	
		For Up To 100, Add	*4.84*	
		For >100 To 200, Add	*2.55*	
		For >200 To 300, Add	*1.28*	
03 21 11 00-0105	LF	#14, Grade 75, Footings, Steel Reinforcement Bar	13.10	
		For Up To 100, Add	*6.86*	
		For >100 To 200, Add	*3.60*	
		For >200 To 300, Add	*1.80*	
03 21 11 00-0106	LF	#18, Grade 75, Footings, Steel Reinforcement Bar	22.62	
		For Up To 100, Add	*11.99*	
		For >100 To 200, Add	*6.26*	
		For >200 To 300, Add	*3.13*	
03 21 11 00-0107	LF	#3, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	0.85	
		For Up To 100, Add	*0.62*	
		For >100 To 200, Add	*0.33*	
		For >200 To 500, Add	*0.13*	
03 21 11 00-0108	LF	#4, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	1.45	
		For Up To 100, Add	*1.08*	
		For >100 To 200, Add	*0.57*	
		For >200 To 500, Add	*0.23*	
03 21 11 00-0109	LF	#5, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	2.20	
		For Up To 100, Add	*1.67*	
		For >100 To 200, Add	*0.88*	
		For >200 To 500, Add	*0.35*	
03 21 11 00-0110	LF	#6, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	3.06	
		For Up To 100, Add	*2.36*	
		For >100 To 200, Add	*1.24*	
		For >200 To 500, Add	*0.50*	
03 21 11 00-0111	LF	#7, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	4.01	
		For Up To 100, Add	*2.43*	
		For >100 To 200, Add	*1.39*	
		For >200 To 400, Add	*0.66*	
03 21 11 00-0112	LF	#8, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	5.04	
		For Up To 100, Add	*3.10*	
		For >100 To 200, Add	*1.76*	
		For >200 To 400, Add	*0.84*	
03 21 11 00-0113	LF	#9, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	6.25	
		For Up To 100, Add	*3.90*	
		For >100 To 200, Add	*2.20*	
		For >200 To 400, Add	*1.05*	
03 21 11 00-0114	LF	#10, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	7.70	
		For Up To 100, Add	*3.93*	
		For >100 To 200, Add	*2.08*	
		For >200 To 300, Add	*1.04*	
03 21 11 00-0115	LF	#11, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	9.25	
		For Up To 100, Add	*4.78*	
		For >100 To 200, Add	*2.52*	
		For >200 To 300, Add	*1.26*	
03 21 11 00-0116	LF	#14, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	12.94	
		For Up To 100, Add	*6.76*	
		For >100 To 200, Add	*3.55*	
		For >200 To 300, Add	*1.77*	
03 21 11 00-0117	LF	#18, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	22.35	
		For Up To 100, Add	*11.83*	
		For >100 To 200, Add	*6.18*	
		For >200 To 300, Add	*3.09*	

03 21 11 00-0118 Slab On Grade, Steel Reinforcement Bar *(03 21 11)*

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

03 21 11 00-0119	LF	#3, Grade 40, Slab On Grade, Steel Reinforcement Bar	0.75	
		For Up To 100, Add	*0.54*	
		For >100 To 200, Add	*0.29*	
		For >200 To 500, Add	*0.12*	
03 21 11 00-0120	LF	#4, Grade 40, Slab On Grade, Steel Reinforcement Bar	1.29	
		For Up To 100, Add	*0.94*	
		For >100 To 200, Add	*0.50*	
		For >200 To 500, Add	*0.20*	
03 21 11 00-0121	LF	#5, Grade 40, Slab On Grade, Steel Reinforcement Bar	1.94	
		For Up To 100, Add	*1.44*	
		For >100 To 200, Add	*0.76*	
		For >200 To 500, Add	*0.31*	
03 21 11 00-0122	LF	#6, Grade 40, Slab On Grade, Steel Reinforcement Bar	2.69	
		For Up To 100, Add	*2.04*	
		For >100 To 200, Add	*1.07*	
		For >200 To 500, Add	*0.43*	
03 21 11 00-0123	LF	#3, Grade 50, Slab On Grade, Steel Reinforcement Bar	0.77	
		For Up To 100, Add	*0.56*	
		For >100 To 200, Add	*0.30*	
		For >200 To 500, Add	*0.12*	
03 21 11 00-0124	LF	#4, Grade 50, Slab On Grade, Steel Reinforcement Bar	1.33	
		For Up To 100, Add	*0.98*	
		For >100 To 200, Add	*0.52*	
		For >200 To 500, Add	*0.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0125	LF	#5, Grade 50, Slab On Grade, Steel Reinforcement Bar	1.99	
		For Up To 100, Add	*1.49*	
		For >100 To 200, Add	*0.79*	
		For >200 To 500, Add	*0.32*	
03 21 11 00-0126	LF	#6, Grade 50, Slab On Grade, Steel Reinforcement Bar	2.77	
		For Up To 100, Add	*2.12*	
		For >100 To 200, Add	*1.11*	
		For >200 To 500, Add	*0.45*	
03 21 11 00-0127	LF	#3, Grade 60, Slab On Grade, Steel Reinforcement Bar	0.80	
		For Up To 100, Add	*0.59*	
		For >100 To 200, Add	*0.31*	
		For >200 To 500, Add	*0.13*	
03 21 11 00-0128	LF	#4, Grade 60, Slab On Grade, Steel Reinforcement Bar	1.38	
		For Up To 100, Add	*1.03*	
		For >100 To 200, Add	*0.55*	
		For >200 To 500, Add	*0.22*	
03 21 11 00-0129	LF	#5, Grade 60, Slab On Grade, Steel Reinforcement Bar	2.08	
		For Up To 100, Add	*1.58*	
		For >100 To 200, Add	*0.83*	
		For >200 To 500, Add	*0.33*	
03 21 11 00-0130	LF	#6, Grade 60, Slab On Grade, Steel Reinforcement Bar	2.89	
		For Up To 100, Add	*2.24*	
		For >100 To 200, Add	*1.17*	
		For >200 To 500, Add	*0.47*	
03 21 11 00-0131	LF	#7, Grade 60, Slab On Grade, Steel Reinforcement Bar	3.80	
		For Up To 100, Add	*2.31*	
		For >100 To 200, Add	*1.32*	
		For >200 To 400, Add	*0.62*	
03 21 11 00-0132	LF	#8, Grade 60, Slab On Grade, Steel Reinforcement Bar	4.78	
		For Up To 100, Add	*2.95*	
		For >100 To 200, Add	*1.67*	
		For >200 To 400, Add	*0.80*	
03 21 11 00-0133	LF	#9, Grade 60, Slab On Grade, Steel Reinforcement Bar	5.94	
		For Up To 100, Add	*3.71*	
		For >100 To 200, Add	*2.10*	
		For >200 To 400, Add	*1.00*	
03 21 11 00-0134	LF	#10, Grade 60, Slab On Grade, Steel Reinforcement Bar	7.31	
		For Up To 100, Add	*3.74*	
		For >100 To 200, Add	*1.98*	
		For >200 To 300, Add	*0.99*	
03 21 11 00-0135	LF	#11, Grade 60, Slab On Grade, Steel Reinforcement Bar	8.78	
		For Up To 100, Add	*4.54*	
		For >100 To 200, Add	*2.39*	
		For >200 To 300, Add	*1.20*	
03 21 11 00-0136	LF	#14, Grade 60, Slab On Grade, Steel Reinforcement Bar	12.29	
		For Up To 100, Add	*6.43*	
		For >100 To 200, Add	*3.37*	
		For >200 To 300, Add	*1.69*	
03 21 11 00-0137	LF	#18, Grade 60, Slab On Grade, Steel Reinforcement Bar	21.23	
		For Up To 100, Add	*11.25*	
		For >100 To 200, Add	*5.87*	
		For >200 To 300, Add	*2.94*	
03 21 11 00-0138	LF	#6, Grade 75, Slab On Grade, Steel Reinforcement Bar	3.01	
		For Up To 100, Add	*2.36*	
		For >100 To 200, Add	*1.23*	
		For >200 To 500, Add	*0.49*	
03 21 11 00-0139	LF	#7, Grade 75, Slab On Grade, Steel Reinforcement Bar	3.97	
		For Up To 100, Add	*2.43*	
		For >100 To 200, Add	*1.38*	
		For >200 To 400, Add	*0.66*	
03 21 11 00-0140	LF	#8, Grade 75, Slab On Grade, Steel Reinforcement Bar	5.00	
		For Up To 100, Add	*3.11*	
		For >100 To 200, Add	*1.76*	
		For >200 To 400, Add	*0.84*	
03 21 11 00-0141	LF	#9, Grade 75, Slab On Grade, Steel Reinforcement Bar	6.21	
		For Up To 100, Add	*3.91*	
		For >100 To 200, Add	*2.20*	
		For >200 To 400, Add	*1.06*	
03 21 11 00-0142	LF	#10, Grade 75, Slab On Grade, Steel Reinforcement Bar	7.65	
		For Up To 100, Add	*3.94*	
		For >100 To 200, Add	*2.08*	
		For >200 To 300, Add	*1.04*	
03 21 11 00-0143	LF	#11, Grade 75, Slab On Grade, Steel Reinforcement Bar	9.21	
		For Up To 100, Add	*4.80*	
		For >100 To 200, Add	*2.52*	
		For >200 To 300, Add	*1.26*	
03 21 11 00-0144	LF	#14, Grade 75, Slab On Grade, Steel Reinforcement Bar	12.90	
		For Up To 100, Add	*6.80*	
		For >100 To 200, Add	*3.56*	
		For >200 To 300, Add	*1.78*	
03 21 11 00-0145	LF	#18, Grade 75, Slab On Grade, Steel Reinforcement Bar	22.31	
		For Up To 100, Add	*11.90*	
		For >100 To 200, Add	*6.20*	
		For >200 To 300, Add	*3.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0146	LF	#3, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	0.82	
		For Up To 100, Add	*0.61*	
		For >100 To 200, Add	*0.32*	
		For >200 To 500, Add	*0.13*	
03 21 11 00-0147	LF	#4, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	1.42	
		For Up To 100, Add	*1.07*	
		For >100 To 200, Add	*0.57*	
		For >200 To 500, Add	*0.23*	
03 21 11 00-0148	LF	#5, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	2.14	
		For Up To 100, Add	*1.64*	
		For >100 To 200, Add	*0.86*	
		For >200 To 500, Add	*0.35*	
03 21 11 00-0149	LF	#6, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	2.98	
		For Up To 100, Add	*2.33*	
		For >100 To 200, Add	*1.22*	
		For >200 To 500, Add	*0.49*	
03 21 11 00-0150	LF	#7, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	3.93	
		For Up To 100, Add	*2.40*	
		For >100 To 200, Add	*1.37*	
		For >200 To 400, Add	*0.65*	
03 21 11 00-0151	LF	#8, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	4.94	
		For Up To 100, Add	*3.07*	
		For >100 To 200, Add	*1.74*	
		For >200 To 400, Add	*0.83*	
03 21 11 00-0152	LF	#9, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	6.14	
		For Up To 100, Add	*3.86*	
		For >100 To 200, Add	*2.18*	
		For >200 To 400, Add	*1.04*	
03 21 11 00-0153	LF	#10, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	7.56	
		For Up To 100, Add	*3.89*	
		For >100 To 200, Add	*2.05*	
		For >200 To 300, Add	*1.03*	
03 21 11 00-0154	LF	#11, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	9.10	
		For Up To 100, Add	*4.73*	
		For >100 To 200, Add	*2.49*	
		For >200 To 300, Add	*1.24*	
03 21 11 00-0155	LF	#14, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	12.74	
		For Up To 100, Add	*6.70*	
		For >100 To 200, Add	*3.51*	
		For >200 To 300, Add	*1.75*	
03 21 11 00-0156	LF	#18, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	22.04	
		For Up To 100, Add	*11.73*	
		For >100 To 200, Add	*6.12*	
		For >200 To 300, Add	*3.06*	

03 21 11 00-0157 Elevated Slabs, Steel Reinforcement Bar *(03 21 11)*

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

03 21 11 00-0158	LF	#3, Grade 40, Elevated Slabs, Steel Reinforcement Bar	0.71	
		For Up To 100, Add	*0.52*	
		For >100 To 200, Add	*0.28*	
		For >200 To 500, Add	*0.11*	
03 21 11 00-0159	LF	#4, Grade 40, Elevated Slabs, Steel Reinforcement Bar	1.21	
		For Up To 100, Add	*0.91*	
		For >100 To 200, Add	*0.48*	
		For >200 To 500, Add	*0.19*	
03 21 11 00-0160	LF	#5, Grade 40, Elevated Slabs, Steel Reinforcement Bar	1.84	
		For Up To 100, Add	*1.40*	
		For >100 To 200, Add	*0.74*	
		For >200 To 500, Add	*0.30*	
03 21 11 00-0161	LF	#6, Grade 40, Elevated Slabs, Steel Reinforcement Bar	2.56	
		For Up To 100, Add	*1.98*	
		For >100 To 200, Add	*1.04*	
		For >200 To 500, Add	*0.42*	
03 21 11 00-0162	LF	#3, Grade 50, Elevated Slabs, Steel Reinforcement Bar	0.73	
		For Up To 100, Add	*0.54*	
		For >100 To 200, Add	*0.29*	
		For >200 To 500, Add	*0.12*	
03 21 11 00-0163	LF	#4, Grade 50, Elevated Slabs, Steel Reinforcement Bar	1.25	
		For Up To 100, Add	*0.95*	
		For >100 To 200, Add	*0.50*	
		For >200 To 500, Add	*0.20*	
03 21 11 00-0164	LF	#5, Grade 50, Elevated Slabs, Steel Reinforcement Bar	1.89	
		For Up To 100, Add	*1.45*	
		For >100 To 200, Add	*0.76*	
		For >200 To 500, Add	*0.31*	
03 21 11 00-0165	LF	#6, Grade 50, Elevated Slabs, Steel Reinforcement Bar	2.64	
		For Up To 100, Add	*2.06*	
		For >100 To 200, Add	*1.08*	
		For >200 To 500, Add	*0.43*	
03 21 11 00-0166	LF	#3, Grade 60, Elevated Slabs, Steel Reinforcement Bar	0.76	
		For Up To 100, Add	*0.57*	
		For >100 To 200, Add	*0.30*	
		For >200 To 500, Add	*0.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0167	LF	#4, Grade 60, Elevated Slabs, Steel Reinforcement Bar	1.30	
		For Up To 100, Add	*1.00*	
		For >100 To 200, Add	*0.53*	
		For >200 To 500, Add	*0.21*	
03 21 11 00-0168	LF	#5, Grade 60, Elevated Slabs, Steel Reinforcement Bar	1.98	
		For Up To 100, Add	*1.54*	
		For >100 To 200, Add	*0.81*	
		For >200 To 500, Add	*0.32*	
03 21 11 00-0169	LF	#6, Grade 60, Elevated Slabs, Steel Reinforcement Bar	2.76	
		For Up To 100, Add	*2.18*	
		For >100 To 200, Add	*1.14*	
		For >200 To 500, Add	*0.46*	
03 21 11 00-0170	LF	#7, Grade 60, Elevated Slabs, Steel Reinforcement Bar	3.63	
		For Up To 100, Add	*2.25*	
		For >100 To 200, Add	*1.27*	
		For >200 To 400, Add	*0.61*	
03 21 11 00-0171	LF	#8, Grade 60, Elevated Slabs, Steel Reinforcement Bar	4.58	
		For Up To 100, Add	*2.88*	
		For >100 To 200, Add	*1.62*	
		For >200 To 400, Add	*0.78*	
03 21 11 00-0172	LF	#9, Grade 60, Elevated Slabs, Steel Reinforcement Bar	5.71	
		For Up To 100, Add	*3.63*	
		For >100 To 200, Add	*2.04*	
		For >200 To 400, Add	*0.98*	
03 21 11 00-0173	LF	#10, Grade 60, Elevated Slabs, Steel Reinforcement Bar	7.05	
		For Up To 100, Add	*3.66*	
		For >100 To 200, Add	*1.93*	
		For >200 To 300, Add	*0.96*	
03 21 11 00-0174	LF	#11, Grade 60, Elevated Slabs, Steel Reinforcement Bar	8.48	
		For Up To 100, Add	*4.45*	
		For >100 To 200, Add	*2.33*	
		For >200 To 300, Add	*1.17*	
03 21 11 00-0175	LF	#14, Grade 60, Elevated Slabs, Steel Reinforcement Bar	11.90	
		For Up To 100, Add	*6.32*	
		For >100 To 200, Add	*3.30*	
		For >200 To 300, Add	*1.65*	
03 21 11 00-0176	LF	#18, Grade 60, Elevated Slabs, Steel Reinforcement Bar	20.62	
		For Up To 100, Add	*11.06*	
		For >100 To 200, Add	*5.75*	
		For >200 To 300, Add	*2.88*	
03 21 11 00-0177	LF	#6, Grade 75, Elevated Slabs, Steel Reinforcement Bar	2.88	
		For Up To 100, Add	*2.30*	
		For >100 To 200, Add	*1.20*	
		For >200 To 500, Add	*0.48*	
03 21 11 00-0178	LF	#7, Grade 75, Elevated Slabs, Steel Reinforcement Bar	3.80	
		For Up To 100, Add	*2.37*	
		For >100 To 200, Add	*1.34*	
		For >200 To 400, Add	*0.64*	
03 21 11 00-0179	LF	#8, Grade 75, Elevated Slabs, Steel Reinforcement Bar	4.80	
		For Up To 100, Add	*3.04*	
		For >100 To 200, Add	*1.71*	
		For >200 To 400, Add	*0.82*	
03 21 11 00-0180	LF	#9, Grade 75, Elevated Slabs, Steel Reinforcement Bar	5.98	
		For Up To 100, Add	*3.83*	
		For >100 To 200, Add	*2.15*	
		For >200 To 400, Add	*1.03*	
03 21 11 00-0181	LF	#10, Grade 75, Elevated Slabs, Steel Reinforcement Bar	7.39	
		For Up To 100, Add	*3.86*	
		For >100 To 200, Add	*2.03*	
		For >200 To 300, Add	*1.01*	
03 21 11 00-0182	LF	#11, Grade 75, Elevated Slabs, Steel Reinforcement Bar	8.91	
		For Up To 100, Add	*4.71*	
		For >100 To 200, Add	*2.46*	
		For >200 To 300, Add	*1.23*	
03 21 11 00-0183	LF	#14, Grade 75, Elevated Slabs, Steel Reinforcement Bar	12.51	
		For Up To 100, Add	*6.68*	
		For >100 To 200, Add	*3.48*	
		For >200 To 300, Add	*1.74*	
03 21 11 00-0184	LF	#18, Grade 75, Elevated Slabs, Steel Reinforcement Bar	21.70	
		For Up To 100, Add	*11.71*	
		For >100 To 200, Add	*6.07*	
		For >200 To 300, Add	*3.04*	
03 21 11 00-0185	LF	#3, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	0.78	
		For Up To 100, Add	*0.59*	
		For >100 To 200, Add	*0.31*	
		For >200 To 500, Add	*0.13*	
03 21 11 00-0186	LF	#4, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	1.34	
		For Up To 100, Add	*1.04*	
		For >100 To 200, Add	*0.55*	
		For >200 To 500, Add	*0.22*	
03 21 11 00-0187	LF	#5, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	2.04	
		For Up To 100, Add	*1.60*	
		For >100 To 200, Add	*0.84*	
		For >200 To 500, Add	*0.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0188	LF	#6, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	2.85	
		For Up To 100, Add	*2.27*	
		For >100 To 200, Add	*1.19*	
		For >200 To 500, Add	*0.47*	
03 21 11 00-0189	LF	#7, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	3.76	
		For Up To 100, Add	*2.34*	
		For >100 To 200, Add	*1.33*	
		For >200 To 400, Add	*0.63*	
03 21 11 00-0190	LF	#8, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	4.74	
		For Up To 100, Add	*3.00*	
		For >100 To 200, Add	*1.69*	
		For >200 To 400, Add	*0.81*	
03 21 11 00-0191	LF	#9, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	5.91	
		For Up To 100, Add	*3.78*	
		For >100 To 200, Add	*2.12*	
		For >200 To 400, Add	*1.02*	
03 21 11 00-0192	LF	#10, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	7.30	
		For Up To 100, Add	*3.81*	
		For >100 To 200, Add	*2.00*	
		For >200 To 300, Add	*1.00*	
03 21 11 00-0193	LF	#11, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	8.80	
		For Up To 100, Add	*4.64*	
		For >100 To 200, Add	*2.43*	
		For >200 To 300, Add	*1.21*	
03 21 11 00-0194	LF	#14, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	12.35	
		For Up To 100, Add	*6.59*	
		For >100 To 200, Add	*3.43*	
		For >200 To 300, Add	*1.72*	
03 21 11 00-0195	LF	#18, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	21.43	
		For Up To 100, Add	*11.55*	
		For >100 To 200, Add	*5.99*	
		For >200 To 300, Add	*3.00*	

03 21 11 00-0196 Walls, Steel Reinforcement Bar *(03 21 11)*

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

03 21 11 00-0197	LF	#3, Grade 40, Walls, Steel Reinforcement Bar	0.68	
		For Up To 100, Add	*0.51*	
		For >100 To 200, Add	*0.27*	
		For >200 To 500, Add	*0.11*	
03 21 11 00-0198	LF	#4, Grade 40, Walls, Steel Reinforcement Bar	1.18	
		For Up To 100, Add	*0.90*	
		For >100 To 200, Add	*0.47*	
		For >200 To 500, Add	*0.19*	
03 21 11 00-0199	LF	#5, Grade 40, Walls, Steel Reinforcement Bar	1.78	
		For Up To 100, Add	*1.38*	
		For >100 To 200, Add	*0.72*	
		For >200 To 500, Add	*0.29*	
03 21 11 00-0200	LF	#6, Grade 40, Walls, Steel Reinforcement Bar	2.49	
		For Up To 100, Add	*1.96*	
		For >100 To 200, Add	*1.02*	
		For >200 To 500, Add	*0.41*	
03 21 11 00-0201	LF	#3, Grade 50, Walls, Steel Reinforcement Bar	0.70	
		For Up To 100, Add	*0.53*	
		For >100 To 200, Add	*0.28*	
		For >200 To 500, Add	*0.11*	
03 21 11 00-0202	LF	#4, Grade 50, Walls, Steel Reinforcement Bar	1.22	
		For Up To 100, Add	*0.94*	
		For >100 To 200, Add	*0.49*	
		For >200 To 500, Add	*0.20*	
03 21 11 00-0203	LF	#5, Grade 50, Walls, Steel Reinforcement Bar	1.83	
		For Up To 100, Add	*1.43*	
		For >100 To 200, Add	*0.75*	
		For >200 To 500, Add	*0.30*	
03 21 11 00-0204	LF	#6, Grade 50, Walls, Steel Reinforcement Bar	2.57	
		For Up To 100, Add	*2.04*	
		For >100 To 200, Add	*1.06*	
		For >200 To 500, Add	*0.43*	
03 21 11 00-0205	LF	#3, Grade 60, Walls, Steel Reinforcement Bar	0.73	
		For Up To 100, Add	*0.56*	
		For >100 To 200, Add	*0.30*	
		For >200 To 500, Add	*0.12*	
03 21 11 00-0206	LF	#4, Grade 60, Walls, Steel Reinforcement Bar	1.27	
		For Up To 100, Add	*0.99*	
		For >100 To 200, Add	*0.52*	
		For >200 To 500, Add	*0.21*	
03 21 11 00-0207	LF	#5, Grade 60, Walls, Steel Reinforcement Bar	1.92	
		For Up To 100, Add	*1.52*	
		For >100 To 200, Add	*0.79*	
		For >200 To 500, Add	*0.32*	
03 21 11 00-0208	LF	#6, Grade 60, Walls, Steel Reinforcement Bar	2.69	
		For Up To 100, Add	*2.16*	
		For >100 To 200, Add	*1.12*	
		For >200 To 500, Add	*0.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0209	LF	#7, Grade 60, Walls, Steel Reinforcement Bar	3.53	
		For Up To 100, Add	*2.21*	
		For >100 To 200, Add	*1.25*	
		For >200 To 400, Add	*0.60*	
03 21 11 00-0210	LF	#8, Grade 60, Walls, Steel Reinforcement Bar	4.49	
		For Up To 100, Add	*2.85*	
		For >100 To 200, Add	*1.60*	
		For >200 To 400, Add	*0.77*	
03 21 11 00-0211	LF	#9, Grade 60, Walls, Steel Reinforcement Bar	5.59	
		For Up To 100, Add	*3.58*	
		For >100 To 200, Add	*2.01*	
		For >200 To 400, Add	*0.97*	
03 21 11 00-0212	LF	#10, Grade 60, Walls, Steel Reinforcement Bar	6.91	
		For Up To 100, Add	*3.62*	
		For >100 To 200, Add	*1.90*	
		For >200 To 300, Add	*0.95*	
03 21 11 00-0213	LF	#11, Grade 60, Walls, Steel Reinforcement Bar	8.33	
		For Up To 100, Add	*4.40*	
		For >100 To 200, Add	*2.30*	
		For >200 To 300, Add	*1.15*	
03 21 11 00-0214	LF	#14, Grade 60, Walls, Steel Reinforcement Bar	11.71	
		For Up To 100, Add	*6.26*	
		For >100 To 200, Add	*3.26*	
		For >200 To 300, Add	*1.63*	
03 21 11 00-0215	LF	#18, Grade 60, Walls, Steel Reinforcement Bar	20.31	
		For Up To 100, Add	*10.97*	
		For >100 To 200, Add	*5.69*	
		For >200 To 300, Add	*2.84*	
03 21 11 00-0216	LF	#6, Grade 75, Walls, Steel Reinforcement Bar	2.81	
		For Up To 100, Add	*2.28*	
		For >100 To 200, Add	*1.18*	
		For >200 To 500, Add	*0.47*	
03 21 11 00-0217	LF	#7, Grade 75, Walls, Steel Reinforcement Bar	3.70	
		For Up To 100, Add	*2.34*	
		For >100 To 200, Add	*1.32*	
		For >200 To 400, Add	*0.63*	
03 21 11 00-0218	LF	#8, Grade 75, Walls, Steel Reinforcement Bar	4.71	
		For Up To 100, Add	*3.01*	
		For >100 To 200, Add	*1.69*	
		For >200 To 400, Add	*0.81*	
03 21 11 00-0219	LF	#9, Grade 75, Walls, Steel Reinforcement Bar	5.86	
		For Up To 100, Add	*3.79*	
		For >100 To 200, Add	*2.12*	
		For >200 To 400, Add	*1.02*	
03 21 11 00-0220	LF	#10, Grade 75, Walls, Steel Reinforcement Bar	7.25	
		For Up To 100, Add	*3.82*	
		For >100 To 200, Add	*2.00*	
		For >200 To 300, Add	*1.00*	
03 21 11 00-0221	LF	#11, Grade 75, Walls, Steel Reinforcement Bar	8.76	
		For Up To 100, Add	*4.66*	
		For >100 To 200, Add	*2.43*	
		For >200 To 300, Add	*1.22*	
03 21 11 00-0222	LF	#14, Grade 75, Walls, Steel Reinforcement Bar	12.32	
		For Up To 100, Add	*6.62*	
		For >100 To 200, Add	*3.44*	
		For >200 To 300, Add	*1.72*	
03 21 11 00-0223	LF	#18, Grade 75, Walls, Steel Reinforcement Bar	21.39	
		For Up To 100, Add	*11.62*	
		For >100 To 200, Add	*6.01*	
		For >200 To 300, Add	*3.01*	
03 21 11 00-0224	LF	#3, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	0.75	
		For Up To 100, Add	*0.58*	
		For >100 To 200, Add	*0.31*	
		For >200 To 500, Add	*0.12*	
03 21 11 00-0225	LF	#4, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	1.31	
		For Up To 100, Add	*1.03*	
		For >100 To 200, Add	*0.54*	
		For >200 To 500, Add	*0.22*	
03 21 11 00-0226	LF	#5, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	1.98	
		For Up To 100, Add	*1.58*	
		For >100 To 200, Add	*0.82*	
		For >200 To 500, Add	*0.33*	
03 21 11 00-0227	LF	#6, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	2.78	
		For Up To 100, Add	*2.25*	
		For >100 To 200, Add	*1.17*	
		For >200 To 500, Add	*0.47*	
03 21 11 00-0228	LF	#7, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	3.66	
		For Up To 100, Add	*2.31*	
		For >100 To 200, Add	*1.30*	
		For >200 To 400, Add	*0.62*	
03 21 11 00-0229	LF	#8, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	4.65	
		For Up To 100, Add	*2.97*	
		For >100 To 200, Add	*1.67*	
		For >200 To 400, Add	*0.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0230	LF	#9, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	5.79	
		For Up To 100, Add	*3.73*	
		For >100 To 200, Add	*2.09*	
		For >200 To 400, Add	*1.01*	
03 21 11 00-0231	LF	#10, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	7.16	
		For Up To 100, Add	*3.77*	
		For >100 To 200, Add	*1.97*	
		For >200 To 300, Add	*0.99*	
03 21 11 00-0232	LF	#11, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	8.65	
		For Up To 100, Add	*4.60*	
		For >100 To 200, Add	*2.40*	
		For >200 To 300, Add	*1.20*	
03 21 11 00-0233	LF	#14, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	12.16	
		For Up To 100, Add	*6.53*	
		For >100 To 200, Add	*3.39*	
		For >200 To 300, Add	*1.70*	
03 21 11 00-0234	LF	#18, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	21.12	
		For Up To 100, Add	*11.46*	
		For >100 To 200, Add	*5.93*	
		For >200 To 300, Add	*2.97*	

03 21 11 00-0235 Deformed Straight Dowels *(03 21 11)*

Note: Excludes drilling. See CSI section 02 41 19 13-0269 for drilling in concrete.

03 21 11 00-0236	EA	3/8" Diameter x 24" Long, Deformed Straight Dowel	3.27	
		For Up To 12" Length, Deduct	*-0.51*	
		For >12" To <24" Length, Deduct	*-0.26*	
03 21 11 00-0237	EA	1/2" Diameter x 24" Long, Deformed Straight Dowel	3.96	
		For Up To 12" Length, Deduct	*-0.67*	
		For >12" To <24" Length, Deduct	*-0.34*	
03 21 11 00-0238	EA	5/8" Diameter x 24" Long, Deformed Straight Dowel	5.05	
		For Up To 12" Length, Deduct	*-1.06*	
		For >12" To <24" Length, Deduct	*-0.53*	
03 21 11 00-0239	EA	3/4" Diameter x 24" Long, Deformed Straight Dowel	6.35	
		For Up To 12" Length, Deduct	*-1.53*	
		For >12" To <24" Length, Deduct	*-0.76*	
03 21 11 00-0240	EA	7/8" Diameter x 24" Long, Deformed Straight Dowel	7.78	
		For Up To 12" Length, Deduct	*-2.13*	
		For >12" To <24" Length, Deduct	*-1.06*	
03 21 11 00-0241	EA	1" Diameter x 24" Long, Deformed Straight Dowel	9.86	
		For Up To 12" Length, Deduct	*-2.73*	
		For >12" To <24" Length, Deduct	*-1.36*	
03 21 11 00-0242	EA	1-1/8" Diameter x 24" Long, Deformed Straight Dowel	11.74	
		For Up To 12" Length, Deduct	*-3.36*	
		For >12" To <24" Length, Deduct	*-1.68*	
03 21 11 00-0243	EA	1-1/4" Diameter x 24" Long, Deformed Straight Dowel	14.63	
		For Up To 12" Length, Deduct	*-4.40*	
		For >12" To <24" Length, Deduct	*-2.20*	
03 21 11 00-0244	EA	1-3/8" Diameter x 24" Long, Deformed Straight Dowel	17.55	
		For Up To 12" Length, Deduct	*-5.43*	
		For >12" To <24" Length, Deduct	*-2.71*	

03 21 11 00-0245 Spirals, Reinforcing Steel *(03 21 11)*

03 21 11 00-0246	TON	Up To 15" Diameter, Grade 60, Spirals, Reinforcing Steel	3,763.60	
		For Grade 75, Add	*141.73*	
03 21 11 00-0247	TON	>15" To 24" Diameter, Grade 60, Spirals, Reinforcing Steel	3,718.62	
		For Grade 75, Add	*141.73*	
03 21 11 00-0248	TON	>24" To 36" Diameter, Grade 60, Spirals, Reinforcing Steel	3,684.33	
		For Grade 75, Add	*141.73*	
03 21 11 00-0249	TON	>36" To 48" Diameter, Grade 60, Spirals, Reinforcing Steel	3,628.23	
		For Grade 75, Add	*141.73*	
03 21 11 00-0250	TON	>48" To 64" Diameter, Grade 60, Spirals, Reinforcing Steel	3,552.37	
		For Grade 75, Add	*141.73*	
03 21 11 00-0251	TON	>64" To 84" Diameter, Grade 60, Spirals, Reinforcing Steel	3,523.81	
		For Grade 75, Add	*145.22*	
03 21 11 00-0252	TON	>84" To 96" Diameter, Grade 60, Spirals, Reinforcing Steel	3,460.31	
		For Grade 75, Add	*145.22*	

03 21 11 00-0253 Dowel Or Hairpin, Drilled And Epoxy Into Concrete *(03 21 11)*

03 21 11 00-0254	EA	Dowels Or Hairpin, 1/2" x 30" Length, Drilled And Epoxy In Concrete, 6" Embedment	27.65
03 21 11 00-0255	EA	Dowels Or Hairpin, 1/2" x 36" Length, Drilled And Epoxy In Concrete, >6" To 12" Embedment	28.94

03 21 11 00-0256 Accessories For Reinforcing Steel *(03 21 11)*

03 21 11 00-0257 Reinforcing Steel Lap-Weld Splice *(03 21 11 00-0256)*

03 21 11 00-0258	EA	Up To #6 Reinforcing Steel Lap-Weld Splice	73.40
03 21 11 00-0259	EA	>#6 Reinforcing Steel Lap-Weld Splice	118.61

03 21 11 00-0260 Reinforcing Steel Sleeve And Wedge Splice Joint *(03 21 11 00-0256)*

03 21 11 00-0261	EA	Up To #4 Reinforcing Steel, Sleeve And Wedge Splice Joint	39.43

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0262	EA	#5 Reinforcing Steel, Sleeve And Wedge Splice Joint		62.80	
03 21 11 00-0263	EA	#6 Reinforcing Steel, Sleeve And Wedge Splice Joint		96.46	

03 21 13 Galvanized Reinforcement Steel Bars *(03 21)*

03 21 13 00-0001 Beams And Girders, Galvanized Steel Reinforcement Bar *(03 21 13)*

Note: ASTM A-767 Hot Dipped Galvanized Steel.

03 21 13 00-0002	LF	#3, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar		1.04	
		For Up To 100, Add		*0.78*	
		For >100 To 200, Add		*0.41*	
		For >200 To 500, Add		*0.16*	
03 21 13 00-0003	LF	#4, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar		1.79	
		For Up To 100, Add		*1.36*	
		For >100 To 200, Add		*0.72*	
		For >200 To 500, Add		*0.29*	
03 21 13 00-0004	LF	#5, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar		2.72	
		For Up To 100, Add		*2.10*	
		For >100 To 200, Add		*1.10*	
		For >200 To 500, Add		*0.44*	
03 21 13 00-0005	LF	#6, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar		3.79	
		For Up To 100, Add		*2.96*	
		For >100 To 200, Add		*1.55*	
		For >200 To 500, Add		*0.62*	
03 21 13 00-0006	LF	#3, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar		1.06	
		For Up To 100, Add		*0.80*	
		For >100 To 200, Add		*0.42*	
		For >200 To 500, Add		*0.17*	
03 21 13 00-0007	LF	#4, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar		1.83	
		For Up To 100, Add		*1.40*	
		For >100 To 200, Add		*0.74*	
		For >200 To 500, Add		*0.29*	
03 21 13 00-0008	LF	#5, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar		2.77	
		For Up To 100, Add		*2.15*	
		For >100 To 200, Add		*1.13*	
		For >200 To 500, Add		*0.45*	
03 21 13 00-0009	LF	#6, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar		3.87	
		For Up To 100, Add		*3.04*	
		For >100 To 200, Add		*1.59*	
		For >200 To 500, Add		*0.64*	
03 21 13 00-0010	LF	#3, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar		1.09	
		For Up To 100, Add		*0.83*	
		For >100 To 200, Add		*0.44*	
		For >200 To 500, Add		*0.17*	
03 21 13 00-0011	LF	#4, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar		1.88	
		For Up To 100, Add		*1.45*	
		For >100 To 200, Add		*0.76*	
		For >200 To 500, Add		*0.30*	
03 21 13 00-0012	LF	#5, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar		2.85	
		For Up To 100, Add		*2.23*	
		For >100 To 200, Add		*1.17*	
		For >200 To 500, Add		*0.47*	
03 21 13 00-0013	LF	#6, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar		3.99	
		For Up To 100, Add		*3.16*	
		For >100 To 200, Add		*1.65*	
		For >200 To 500, Add		*0.66*	
03 21 13 00-0014	LF	#7, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar		5.25	
		For Up To 100, Add		*3.26*	
		For >100 To 200, Add		*1.85*	
		For >200 To 400, Add		*0.88*	
03 21 13 00-0015	LF	#8, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar		6.64	
		For Up To 100, Add		*4.18*	
		For >100 To 200, Add		*2.36*	
		For >200 To 400, Add		*1.13*	
03 21 13 00-0016	LF	#9, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar		8.25	
		For Up To 100, Add		*5.26*	
		For >100 To 200, Add		*2.95*	
		For >200 To 400, Add		*1.42*	
03 21 13 00-0017	LF	#10, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar		10.20	
		For Up To 100, Add		*5.31*	
		For >100 To 200, Add		*2.79*	
		For >200 To 300, Add		*1.39*	
03 21 13 00-0018	LF	#11, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar		12.28	
		For Up To 100, Add		*6.46*	
		For >100 To 200, Add		*3.38*	
		For >200 To 300, Add		*1.69*	
03 21 13 00-0019	LF	#14, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar		17.25	
		For Up To 100, Add		*9.17*	
		For >100 To 200, Add		*4.78*	
		For >200 To 300, Add		*2.39*	
03 21 13 00-0020	LF	#18, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar		29.88	
		For Up To 100, Add		*16.06*	
		For >100 To 200, Add		*8.34*	
		For >200 To 300, Add		*4.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 13 00-0021	LF	#6, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	4.11	
		For Up To 100, Add	*3.28*	
		For >100 To 200, Add	*1.71*	
		For >200 To 500, Add	*0.68*	
03 21 13 00-0022	LF	#7, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	5.41	
		For Up To 100, Add	*3.38*	
		For >100 To 200, Add	*1.91*	
		For >200 To 400, Add	*0.91*	
03 21 13 00-0023	LF	#8, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	6.85	
		For Up To 100, Add	*4.34*	
		For >100 To 200, Add	*2.44*	
		For >200 To 400, Add	*1.17*	
03 21 13 00-0024	LF	#9, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	8.52	
		For Up To 100, Add	*5.46*	
		For >100 To 200, Add	*3.06*	
		For >200 To 400, Add	*1.47*	
03 21 13 00-0025	LF	#10, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	10.54	
		For Up To 100, Add	*5.51*	
		For >100 To 200, Add	*2.89*	
		For >200 To 300, Add	*1.45*	
03 21 13 00-0026	LF	#11, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	12.71	
		For Up To 100, Add	*6.71*	
		For >100 To 200, Add	*3.51*	
		For >200 To 300, Add	*1.75*	
03 21 13 00-0027	LF	#14, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	17.86	
		For Up To 100, Add	*9.53*	
		For >100 To 200, Add	*4.96*	
		For >200 To 300, Add	*2.48*	
03 21 13 00-0028	LF	#18, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	30.96	
		For Up To 100, Add	*16.71*	
		For >100 To 200, Add	*8.67*	
		For >200 To 300, Add	*4.33*	

03 21 13 00-0029 Columns, Galvanized Steel Reinforcement Bar *(03 21 13)*

Note: ASTM A-767 Hot Dipped Galvanized Steel.

03 21 13 00-0030	LF	#3, Grade 40, Columns, Galvanized Steel Reinforcement Bar	1.08	
		For Up To 100, Add	*0.79*	
		For >100 To 200, Add	*0.42*	
		For >200 To 500, Add	*0.17*	
03 21 13 00-0031	LF	#4, Grade 40, Columns, Galvanized Steel Reinforcement Bar	1.87	
		For Up To 100, Add	*1.39*	
		For >100 To 200, Add	*0.74*	
		For >200 To 500, Add	*0.29*	
03 21 13 00-0032	LF	#5, Grade 40, Columns, Galvanized Steel Reinforcement Bar	2.82	
		For Up To 100, Add	*2.14*	
		For >100 To 200, Add	*1.13*	
		For >200 To 500, Add	*0.45*	
03 21 13 00-0033	LF	#6, Grade 40, Columns, Galvanized Steel Reinforcement Bar	3.92	
		For Up To 100, Add	*3.01*	
		For >100 To 200, Add	*1.58*	
		For >200 To 500, Add	*0.63*	
03 21 13 00-0034	LF	#3, Grade 50, Columns, Galvanized Steel Reinforcement Bar	1.10	
		For Up To 100, Add	*0.81*	
		For >100 To 200, Add	*0.43*	
		For >200 To 500, Add	*0.17*	
03 21 13 00-0035	LF	#4, Grade 50, Columns, Galvanized Steel Reinforcement Bar	1.91	
		For Up To 100, Add	*1.43*	
		For >100 To 200, Add	*0.76*	
		For >200 To 500, Add	*0.30*	
03 21 13 00-0036	LF	#5, Grade 50, Columns, Galvanized Steel Reinforcement Bar	2.87	
		For Up To 100, Add	*2.19*	
		For >100 To 200, Add	*1.15*	
		For >200 To 500, Add	*0.46*	
03 21 13 00-0037	LF	#6, Grade 50, Columns, Galvanized Steel Reinforcement Bar	4.00	
		For Up To 100, Add	*3.09*	
		For >100 To 200, Add	*1.62*	
		For >200 To 500, Add	*0.65*	
03 21 13 00-0038	LF	#3, Grade 60, Columns, Galvanized Steel Reinforcement Bar	1.13	
		For Up To 100, Add	*0.84*	
		For >100 To 200, Add	*0.45*	
		For >200 To 500, Add	*0.18*	
03 21 13 00-0039	LF	#4, Grade 60, Columns, Galvanized Steel Reinforcement Bar	1.96	
		For Up To 100, Add	*1.48*	
		For >100 To 200, Add	*0.78*	
		For >200 To 500, Add	*0.31*	
03 21 13 00-0040	LF	#5, Grade 60, Columns, Galvanized Steel Reinforcement Bar	2.95	
		For Up To 100, Add	*2.27*	
		For >100 To 200, Add	*1.19*	
		For >200 To 500, Add	*0.48*	
03 21 13 00-0041	LF	#6, Grade 60, Columns, Galvanized Steel Reinforcement Bar	4.12	
		For Up To 100, Add	*3.21*	
		For >100 To 200, Add	*1.68*	
		For >200 To 500, Add	*0.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 13 00-0042	LF	#7, Grade 60, Columns, Galvanized Steel Reinforcement Bar	5.43	
		For Up To 100, Add	*3.32*	
		For >100 To 200, Add	*1.89*	
		For >200 To 400, Add	*0.90*	
03 21 13 00-0043	LF	#8, Grade 60, Columns, Galvanized Steel Reinforcement Bar	6.83	
		For Up To 100, Add	*4.25*	
		For >100 To 200, Add	*2.41*	
		For >200 To 400, Add	*1.15*	
03 21 13 00-0044	LF	#9, Grade 60, Columns, Galvanized Steel Reinforcement Bar	8.48	
		For Up To 100, Add	*5.34*	
		For >100 To 200, Add	*3.01*	
		For >200 To 400, Add	*1.44*	
03 21 13 00-0045	LF	#10, Grade 60, Columns, Galvanized Steel Reinforcement Bar	10.46	
		For Up To 100, Add	*5.39*	
		For >100 To 200, Add	*2.84*	
		For >200 To 300, Add	*1.42*	
03 21 13 00-0046	LF	#11, Grade 60, Columns, Galvanized Steel Reinforcement Bar	12.57	
		For Up To 100, Add	*6.54*	
		For >100 To 200, Add	*3.44*	
		For >200 To 300, Add	*1.72*	
03 21 13 00-0047	LF	#14, Grade 60, Columns, Galvanized Steel Reinforcement Bar	17.64	
		For Up To 100, Add	*9.29*	
		For >100 To 200, Add	*4.86*	
		For >200 To 300, Add	*2.43*	
03 21 13 00-0048	LF	#18, Grade 60, Columns, Galvanized Steel Reinforcement Bar	30.50	
		For Up To 100, Add	*16.25*	
		For >100 To 200, Add	*8.47*	
		For >200 To 300, Add	*4.23*	
03 21 13 00-0049	LF	#6, Grade 75, Columns, Galvanized Steel Reinforcement Bar	4.24	
		For Up To 100, Add	*3.33*	
		For >100 To 200, Add	*1.74*	
		For >200 To 500, Add	*0.70*	
03 21 13 00-0050	LF	#7, Grade 75, Columns, Galvanized Steel Reinforcement Bar	5.59	
		For Up To 100, Add	*3.44*	
		For >100 To 200, Add	*1.96*	
		For >200 To 400, Add	*0.93*	
03 21 13 00-0051	LF	#8, Grade 75, Columns, Galvanized Steel Reinforcement Bar	7.04	
		For Up To 100, Add	*4.41*	
		For >100 To 200, Add	*2.49*	
		For >200 To 400, Add	*1.19*	
03 21 13 00-0052	LF	#9, Grade 75, Columns, Galvanized Steel Reinforcement Bar	8.75	
		For Up To 100, Add	*5.54*	
		For >100 To 200, Add	*3.12*	
		For >200 To 400, Add	*1.49*	
03 21 13 00-0053	LF	#10, Grade 75, Columns, Galvanized Steel Reinforcement Bar	10.80	
		For Up To 100, Add	*5.59*	
		For >100 To 200, Add	*2.94*	
		For >200 To 300, Add	*1.47*	
03 21 13 00-0054	LF	#11, Grade 75, Columns, Galvanized Steel Reinforcement Bar	13.00	
		For Up To 100, Add	*6.80*	
		For >100 To 200, Add	*3.57*	
		For >200 To 300, Add	*1.78*	
03 21 13 00-0055	LF	#14, Grade 75, Columns, Galvanized Steel Reinforcement Bar	18.25	
		For Up To 100, Add	*9.65*	
		For >100 To 200, Add	*5.04*	
		For >200 To 300, Add	*2.52*	
03 21 13 00-0056	LF	#18, Grade 75, Columns, Galvanized Steel Reinforcement Bar	31.58	
		For Up To 100, Add	*16.90*	
		For >100 To 200, Add	*8.79*	
		For >200 To 300, Add	*4.40*	

03 21 13 00-0057 Footings, Galvanized Steel Reinforcement Bar *(03 21 13)*

Note: ASTM A-767 Hot Dipped Galvanized Steel.

03 21 13 00-0058	LF	#3, Grade 40, Footings, Galvanized Steel Reinforcement Bar	0.98	
		For Up To 100, Add	*0.75*	
		For >100 To 200, Add	*0.40*	
		For >200 To 500, Add	*0.16*	
03 21 13 00-0059	LF	#4, Grade 40, Footings, Galvanized Steel Reinforcement Bar	1.68	
		For Up To 100, Add	*1.31*	
		For >100 To 200, Add	*0.69*	
		For >200 To 500, Add	*0.28*	
03 21 13 00-0060	LF	#5, Grade 40, Footings, Galvanized Steel Reinforcement Bar	2.57	
		For Up To 100, Add	*2.04*	
		For >100 To 200, Add	*1.06*	
		For >200 To 500, Add	*0.43*	
03 21 13 00-0061	LF	#6, Grade 40, Footings, Galvanized Steel Reinforcement Bar	3.58	
		For Up To 100, Add	*2.88*	
		For >100 To 200, Add	*1.50*	
		For >200 To 500, Add	*0.60*	
03 21 13 00-0062	LF	#3, Grade 50, Footings, Galvanized Steel Reinforcement Bar	1.00	
		For Up To 100, Add	*0.77*	
		For >100 To 200, Add	*0.41*	
		For >200 To 500, Add	*0.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 13 00-0063	LF	#4, Grade 50, Footings, Galvanized Steel Reinforcement Bar	1.72	
		For Up To 100, Add	*1.35*	
		For >100 To 200, Add	*0.71*	
		For >200 To 500, Add	*0.28*	
03 21 13 00-0064	LF	#5, Grade 50, Footings, Galvanized Steel Reinforcement Bar	2.62	
		For Up To 100, Add	*2.09*	
		For >100 To 200, Add	*1.09*	
		For >200 To 500, Add	*0.44*	
03 21 13 00-0065	LF	#6, Grade 50, Footings, Galvanized Steel Reinforcement Bar	3.66	
		For Up To 100, Add	*2.96*	
		For >100 To 200, Add	*1.54*	
		For >200 To 500, Add	*0.62*	
03 21 13 00-0066	LF	#3, Grade 60, Footings, Galvanized Steel Reinforcement Bar	1.03	
		For Up To 100, Add	*0.80*	
		For >100 To 200, Add	*0.42*	
		For >200 To 500, Add	*0.17*	
03 21 13 00-0067	LF	#4, Grade 60, Footings, Galvanized Steel Reinforcement Bar	1.77	
		For Up To 100, Add	*1.40*	
		For >100 To 200, Add	*0.73*	
		For >200 To 500, Add	*0.29*	
03 21 13 00-0068	LF	#5, Grade 60, Footings, Galvanized Steel Reinforcement Bar	2.70	
		For Up To 100, Add	*2.17*	
		For >100 To 200, Add	*1.13*	
		For >200 To 500, Add	*0.45*	
03 21 13 00-0069	LF	#6, Grade 60, Footings, Galvanized Steel Reinforcement Bar	3.78	
		For Up To 100, Add	*3.08*	
		For >100 To 200, Add	*1.60*	
		For >200 To 500, Add	*0.64*	
03 21 13 00-0070	LF	#7, Grade 60, Footings, Galvanized Steel Reinforcement Bar	5.00	
		For Up To 100, Add	*3.17*	
		For >100 To 200, Add	*1.78*	
		For >200 To 400, Add	*0.86*	
03 21 13 00-0071	LF	#8, Grade 60, Footings, Galvanized Steel Reinforcement Bar	6.34	
		For Up To 100, Add	*4.08*	
		For >100 To 200, Add	*2.28*	
		For >200 To 400, Add	*1.10*	
03 21 13 00-0072	LF	#9, Grade 60, Footings, Galvanized Steel Reinforcement Bar	7.90	
		For Up To 100, Add	*5.13*	
		For >100 To 200, Add	*2.86*	
		For >200 To 400, Add	*1.38*	
03 21 13 00-0073	LF	#10, Grade 60, Footings, Galvanized Steel Reinforcement Bar	9.79	
		For Up To 100, Add	*5.18*	
		For >100 To 200, Add	*2.71*	
		For >200 To 300, Add	*1.35*	
03 21 13 00-0074	LF	#11, Grade 60, Footings, Galvanized Steel Reinforcement Bar	11.82	
		For Up To 100, Add	*6.32*	
		For >100 To 200, Add	*3.29*	
		For >200 To 300, Add	*1.64*	
03 21 13 00-0075	LF	#14, Grade 60, Footings, Galvanized Steel Reinforcement Bar	16.65	
		For Up To 100, Add	*8.99*	
		For >100 To 200, Add	*4.66*	
		For >200 To 300, Add	*2.33*	
03 21 13 00-0076	LF	#18, Grade 60, Footings, Galvanized Steel Reinforcement Bar	28.94	
		For Up To 100, Add	*15.78*	
		For >100 To 200, Add	*8.15*	
		For >200 To 300, Add	*4.08*	
03 21 13 00-0077	LF	#6, Grade 75, Footings, Galvanized Steel Reinforcement Bar	3.90	
		For Up To 100, Add	*3.20*	
		For >100 To 200, Add	*1.66*	
		For >200 To 500, Add	*0.66*	
03 21 13 00-0078	LF	#7, Grade 75, Footings, Galvanized Steel Reinforcement Bar	5.16	
		For Up To 100, Add	*3.29*	
		For >100 To 200, Add	*1.85*	
		For >200 To 400, Add	*0.89*	
03 21 13 00-0079	LF	#8, Grade 75, Footings, Galvanized Steel Reinforcement Bar	6.55	
		For Up To 100, Add	*4.24*	
		For >100 To 200, Add	*2.37*	
		For >200 To 400, Add	*1.14*	
03 21 13 00-0080	LF	#9, Grade 75, Footings, Galvanized Steel Reinforcement Bar	8.17	
		For Up To 100, Add	*5.34*	
		For >100 To 200, Add	*2.97*	
		For >200 To 400, Add	*1.44*	
03 21 13 00-0081	LF	#10, Grade 75, Footings, Galvanized Steel Reinforcement Bar	10.13	
		For Up To 100, Add	*5.39*	
		For >100 To 200, Add	*2.81*	
		For >200 To 300, Add	*1.40*	
03 21 13 00-0082	LF	#11, Grade 75, Footings, Galvanized Steel Reinforcement Bar	12.25	
		For Up To 100, Add	*6.58*	
		For >100 To 200, Add	*3.42*	
		For >200 To 300, Add	*1.71*	
03 21 13 00-0083	LF	#14, Grade 75, Footings, Galvanized Steel Reinforcement Bar	17.26	
		For Up To 100, Add	*9.35*	
		For >100 To 200, Add	*4.84*	
		For >200 To 300, Add	*2.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 13 00-0084	LF	#18, Grade 75, Footings, Galvanized Steel Reinforcement Bar	30.02	
		For Up To 100, Add	*16.43*	
		For >100 To 200, Add	*8.48*	
		For >200 To 300, Add	*4.24*	

03 21 13 00-0085 Slab On Grade, Galvanized Steel Reinforcement Bar *(03 21 13)*

Note: ASTM A-767 Hot Dipped Galvanized Steel.

03 21 13 00-0086	LF	#3, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar	0.95	
		For Up To 100, Add	*0.74*	
		For >100 To 200, Add	*0.39*	
		For >200 To 500, Add	*0.16*	
03 21 13 00-0087	LF	#4, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar	1.65	
		For Up To 100, Add	*1.30*	
		For >100 To 200, Add	*0.68*	
		For >200 To 500, Add	*0.27*	
03 21 13 00-0088	LF	#5, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar	2.51	
		For Up To 100, Add	*2.01*	
		For >100 To 200, Add	*1.05*	
		For >200 To 500, Add	*0.42*	
03 21 13 00-0089	LF	#6, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar	3.50	
		For Up To 100, Add	*2.85*	
		For >100 To 200, Add	*1.48*	
		For >200 To 500, Add	*0.59*	
03 21 13 00-0090	LF	#3, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar	0.97	
		For Up To 100, Add	*0.76*	
		For >100 To 200, Add	*0.40*	
		For >200 To 500, Add	*0.16*	
03 21 13 00-0091	LF	#4, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar	1.69	
		For Up To 100, Add	*1.34*	
		For >100 To 200, Add	*0.70*	
		For >200 To 500, Add	*0.28*	
03 21 13 00-0092	LF	#5, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar	2.56	
		For Up To 100, Add	*2.06*	
		For >100 To 200, Add	*1.07*	
		For >200 To 500, Add	*0.43*	
03 21 13 00-0093	LF	#6, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar	3.58	
		For Up To 100, Add	*2.93*	
		For >100 To 200, Add	*1.52*	
		For >200 To 500, Add	*0.61*	
03 21 13 00-0094	LF	#3, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	1.00	
		For Up To 100, Add	*0.79*	
		For >100 To 200, Add	*0.41*	
		For >200 To 500, Add	*0.17*	
03 21 13 00-0095	LF	#4, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	1.74	
		For Up To 100, Add	*1.39*	
		For >100 To 200, Add	*0.73*	
		For >200 To 500, Add	*0.29*	
03 21 13 00-0096	LF	#5, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	2.64	
		For Up To 100, Add	*2.14*	
		For >100 To 200, Add	*1.11*	
		For >200 To 500, Add	*0.45*	
03 21 13 00-0097	LF	#6, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	3.70	
		For Up To 100, Add	*3.05*	
		For >100 To 200, Add	*1.58*	
		For >200 To 500, Add	*0.63*	
03 21 13 00-0098	LF	#7, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	4.92	
		For Up To 100, Add	*3.15*	
		For >100 To 200, Add	*1.76*	
		For >200 To 400, Add	*0.85*	
03 21 13 00-0099	LF	#8, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	6.24	
		For Up To 100, Add	*4.04*	
		For >100 To 200, Add	*2.26*	
		For >200 To 400, Add	*1.09*	
03 21 13 00-0100	LF	#9, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	7.79	
		For Up To 100, Add	*5.09*	
		For >100 To 200, Add	*2.84*	
		For >200 To 400, Add	*1.37*	
03 21 13 00-0101	LF	#10, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	9.65	
		For Up To 100, Add	*5.14*	
		For >100 To 200, Add	*2.68*	
		For >200 To 300, Add	*1.34*	
03 21 13 00-0102	LF	#11, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	11.67	
		For Up To 100, Add	*6.27*	
		For >100 To 200, Add	*3.26*	
		For >200 To 300, Add	*1.63*	
03 21 13 00-0103	LF	#14, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	16.45	
		For Up To 100, Add	*8.93*	
		For >100 To 200, Add	*4.62*	
		For >200 To 300, Add	*2.31*	
03 21 13 00-0104	LF	#18, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	28.63	
		For Up To 100, Add	*15.69*	
		For >100 To 200, Add	*8.09*	
		For >200 To 300, Add	*4.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 13 00-0105	LF	#6, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	3.82	
		For Up To 100, Add	*3.17*	
		For >100 To 200, Add	*1.64*	
		For >200 To 500, Add	*0.66*	
03 21 13 00-0106	LF	#7, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	5.08	
		For Up To 100, Add	*3.27*	
		For >100 To 200, Add	*1.83*	
		For >200 To 400, Add	*0.88*	
03 21 13 00-0107	LF	#8, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	6.45	
		For Up To 100, Add	*4.20*	
		For >100 To 200, Add	*2.34*	
		For >200 To 400, Add	*1.13*	
03 21 13 00-0108	LF	#9, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	8.06	
		For Up To 100, Add	*5.30*	
		For >100 To 200, Add	*2.94*	
		For >200 To 400, Add	*1.43*	
03 21 13 00-0109	LF	#10, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	9.99	
		For Up To 100, Add	*5.35*	
		For >100 To 200, Add	*2.78*	
		For >200 To 300, Add	*1.39*	
03 21 13 00-0110	LF	#11, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	12.10	
		For Up To 100, Add	*6.53*	
		For >100 To 200, Add	*3.39*	
		For >200 To 300, Add	*1.69*	
03 21 13 00-0111	LF	#14, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	17.06	
		For Up To 100, Add	*9.29*	
		For >100 To 200, Add	*4.80*	
		For >200 To 300, Add	*2.40*	
03 21 13 00-0112	LF	#18, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	29.71	
		For Up To 100, Add	*16.34*	
		For >100 To 200, Add	*8.42*	
		For >200 To 300, Add	*4.21*	

03 21 13 00-0113 Elevated Slabs, Galvanized Steel Reinforcement Bar *(03 21 13)*

Note: ASTM A-767 Hot Dipped Galvanized Steel.

03 21 13 00-0114	LF	#3, Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar	0.91	
		For Up To 100, Add	*0.72*	
		For >100 To 200, Add	*0.38*	
		For >200 To 500, Add	*0.15*	
03 21 13 00-0115	LF	#4, Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar	1.57	
		For Up To 100, Add	*1.27*	
		For >100 To 200, Add	*0.66*	
		For >200 To 500, Add	*0.26*	
03 21 13 00-0116	LF	#5, Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar	2.41	
		For Up To 100, Add	*1.97*	
		For >100 To 200, Add	*1.02*	
		For >200 To 500, Add	*0.41*	
03 21 13 00-0117	LF	#6, Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar	3.37	
		For Up To 100, Add	*2.79*	
		For >100 To 200, Add	*1.45*	
		For >200 To 500, Add	*0.58*	
03 21 13 00-0118	LF	#3, Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar	0.93	
		For Up To 100, Add	*0.74*	
		For >100 To 200, Add	*0.39*	
		For >200 To 500, Add	*0.16*	
03 21 13 00-0119	LF	#4, Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar	1.61	
		For Up To 100, Add	*1.31*	
		For >100 To 200, Add	*0.68*	
		For >200 To 500, Add	*0.27*	
03 21 13 00-0120	LF	#5, Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar	2.46	
		For Up To 100, Add	*2.02*	
		For >100 To 200, Add	*1.05*	
		For >200 To 500, Add	*0.42*	
03 21 13 00-0121	LF	#6, Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar	3.45	
		For Up To 100, Add	*2.87*	
		For >100 To 200, Add	*1.49*	
		For >200 To 500, Add	*0.59*	
03 21 13 00-0122	LF	#3, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	0.96	
		For Up To 100, Add	*0.77*	
		For >100 To 200, Add	*0.40*	
		For >200 To 500, Add	*0.16*	
03 21 13 00-0123	LF	#4, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	1.66	
		For Up To 100, Add	*1.36*	
		For >100 To 200, Add	*0.71*	
		For >200 To 500, Add	*0.28*	
03 21 13 00-0124	LF	#5, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	2.54	
		For Up To 100, Add	*2.10*	
		For >100 To 200, Add	*1.09*	
		For >200 To 500, Add	*0.44*	
03 21 13 00-0125	LF	#6, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	3.57	
		For Up To 100, Add	*2.99*	
		For >100 To 200, Add	*1.55*	
		For >200 To 500, Add	*0.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 13 00-0126	LF	#7, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	4.75	
		For Up To 100, Add	*3.09*	
		For >100 To 200, Add	*1.72*	
		For >200 To 400, Add	*0.83*	
03 21 13 00-0127	LF	#8, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	6.04	
		For Up To 100, Add	*3.97*	
		For >100 To 200, Add	*2.21*	
		For >200 To 400, Add	*1.07*	
03 21 13 00-0128	LF	#9, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	7.56	
		For Up To 100, Add	*5.01*	
		For >100 To 200, Add	*2.78*	
		For >200 To 400, Add	*1.35*	
03 21 13 00-0129	LF	#10, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	9.39	
		For Up To 100, Add	*5.06*	
		For >100 To 200, Add	*2.63*	
		For >200 To 300, Add	*1.31*	
03 21 13 00-0130	LF	#11, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	11.37	
		For Up To 100, Add	*6.18*	
		For >100 To 200, Add	*3.20*	
		For >200 To 300, Add	*1.60*	
03 21 13 00-0131	LF	#14, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	16.06	
		For Up To 100, Add	*8.81*	
		For >100 To 200, Add	*4.54*	
		For >200 To 300, Add	*2.27*	
03 21 13 00-0132	LF	#18, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	28.02	
		For Up To 100, Add	*15.50*	
		For >100 To 200, Add	*7.97*	
		For >200 To 300, Add	*3.99*	
03 21 13 00-0133	LF	#6, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	3.69	
		For Up To 100, Add	*3.11*	
		For >100 To 200, Add	*1.61*	
		For >200 To 500, Add	*0.64*	
03 21 13 00-0134	LF	#7, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	4.91	
		For Up To 100, Add	*3.21*	
		For >100 To 200, Add	*1.79*	
		For >200 To 400, Add	*0.86*	
03 21 13 00-0135	LF	#8, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	6.25	
		For Up To 100, Add	*4.13*	
		For >100 To 200, Add	*2.29*	
		For >200 To 400, Add	*1.11*	
03 21 13 00-0136	LF	#9, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	7.83	
		For Up To 100, Add	*5.22*	
		For >100 To 200, Add	*2.89*	
		For >200 To 400, Add	*1.40*	
03 21 13 00-0137	LF	#10, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	9.73	
		For Up To 100, Add	*5.27*	
		For >100 To 200, Add	*2.73*	
		For >200 To 300, Add	*1.36*	
03 21 13 00-0138	LF	#11, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	11.80	
		For Up To 100, Add	*6.44*	
		For >100 To 200, Add	*3.33*	
		For >200 To 300, Add	*1.66*	
03 21 13 00-0139	LF	#14, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	16.67	
		For Up To 100, Add	*9.18*	
		For >100 To 200, Add	*4.73*	
		For >200 To 300, Add	*2.36*	
03 21 13 00-0140	LF	#18, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	29.10	
		For Up To 100, Add	*16.15*	
		For >100 To 200, Add	*8.29*	
		For >200 To 300, Add	*4.15*	

03 21 13 00-0141 Walls, Galvanized Steel Reinforcement Bar *(03 21 13)*

Note: ASTM A-767 Hot Dipped Galvanized Steel.

03 21 13 00-0142	LF	#3, Grade 40, Walls, Galvanized Steel Reinforcement Bar	0.88	
		For Up To 100, Add	*0.71*	
		For >100 To 200, Add	*0.37*	
		For >200 To 500, Add	*0.15*	
03 21 13 00-0143	LF	#4, Grade 40, Walls, Galvanized Steel Reinforcement Bar	1.54	
		For Up To 100, Add	*1.26*	
		For >100 To 200, Add	*0.65*	
		For >200 To 500, Add	*0.26*	
03 21 13 00-0144	LF	#5, Grade 40, Walls, Galvanized Steel Reinforcement Bar	2.35	
		For Up To 100, Add	*1.95*	
		For >100 To 200, Add	*1.01*	
		For >200 To 500, Add	*0.40*	
03 21 13 00-0145	LF	#6, Grade 40, Walls, Galvanized Steel Reinforcement Bar	3.30	
		For Up To 100, Add	*2.77*	
		For >100 To 200, Add	*1.43*	
		For >200 To 500, Add	*0.57*	
03 21 13 00-0146	LF	#3, Grade 50, Walls, Galvanized Steel Reinforcement Bar	0.90	
		For Up To 100, Add	*0.73*	
		For >100 To 200, Add	*0.38*	
		For >200 To 500, Add	*0.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 13 00-0147	LF	#4, Grade 50, Walls, Galvanized Steel Reinforcement Bar	1.58	
		For Up To 100, Add	*1.30*	
		For >100 To 200, Add	*0.67*	
		For >200 To 500, Add	*0.27*	
03 21 13 00-0148	LF	#5, Grade 50, Walls, Galvanized Steel Reinforcement Bar	2.40	
		For Up To 100, Add	*2.00*	
		For >100 To 200, Add	*1.03*	
		For >200 To 500, Add	*0.41*	
03 21 13 00-0149	LF	#6, Grade 50, Walls, Galvanized Steel Reinforcement Bar	3.38	
		For Up To 100, Add	*2.85*	
		For >100 To 200, Add	*1.47*	
		For >200 To 500, Add	*0.59*	
03 21 13 00-0150	LF	#3, Grade 60, Walls, Galvanized Steel Reinforcement Bar	0.93	
		For Up To 100, Add	*0.76*	
		For >100 To 200, Add	*0.40*	
		For >200 To 500, Add	*0.16*	
03 21 13 00-0151	LF	#4, Grade 60, Walls, Galvanized Steel Reinforcement Bar	1.63	
		For Up To 100, Add	*1.35*	
		For >100 To 200, Add	*0.70*	
		For >200 To 500, Add	*0.28*	
03 21 13 00-0152	LF	#5, Grade 60, Walls, Galvanized Steel Reinforcement Bar	2.48	
		For Up To 100, Add	*2.08*	
		For >100 To 200, Add	*1.07*	
		For >200 To 500, Add	*0.43*	
03 21 13 00-0153	LF	#6, Grade 60, Walls, Galvanized Steel Reinforcement Bar	3.50	
		For Up To 100, Add	*2.97*	
		For >100 To 200, Add	*1.53*	
		For >200 To 500, Add	*0.61*	
03 21 13 00-0154	LF	#7, Grade 60, Walls, Galvanized Steel Reinforcement Bar	4.65	
		For Up To 100, Add	*3.05*	
		For >100 To 200, Add	*1.70*	
		For >200 To 400, Add	*0.82*	
03 21 13 00-0155	LF	#8, Grade 60, Walls, Galvanized Steel Reinforcement Bar	5.95	
		For Up To 100, Add	*3.94*	
		For >100 To 200, Add	*2.19*	
		For >200 To 400, Add	*1.06*	
03 21 13 00-0156	LF	#9, Grade 60, Walls, Galvanized Steel Reinforcement Bar	7.44	
		For Up To 100, Add	*4.97*	
		For >100 To 200, Add	*2.75*	
		For >200 To 400, Add	*1.34*	
03 21 13 00-0157	LF	#10, Grade 60, Walls, Galvanized Steel Reinforcement Bar	9.25	
		For Up To 100, Add	*5.02*	
		For >100 To 200, Add	*2.60*	
		For >200 To 300, Add	*1.30*	
03 21 13 00-0158	LF	#11, Grade 60, Walls, Galvanized Steel Reinforcement Bar	11.22	
		For Up To 100, Add	*6.14*	
		For >100 To 200, Add	*3.17*	
		For >200 To 300, Add	*1.58*	
03 21 13 00-0159	LF	#14, Grade 60, Walls, Galvanized Steel Reinforcement Bar	15.87	
		For Up To 100, Add	*8.75*	
		For >100 To 200, Add	*4.51*	
		For >200 To 300, Add	*2.25*	
03 21 13 00-0160	LF	#18, Grade 60, Walls, Galvanized Steel Reinforcement Bar	27.71	
		For Up To 100, Add	*15.41*	
		For >100 To 200, Add	*7.91*	
		For >200 To 300, Add	*3.95*	
03 21 13 00-0161	LF	#6, Grade 75, Walls, Galvanized Steel Reinforcement Bar	3.62	
		For Up To 100, Add	*3.09*	
		For >100 To 200, Add	*1.59*	
		For >200 To 500, Add	*0.64*	
03 21 13 00-0162	LF	#7, Grade 75, Walls, Galvanized Steel Reinforcement Bar	4.81	
		For Up To 100, Add	*3.17*	
		For >100 To 200, Add	*1.76*	
		For >200 To 400, Add	*0.85*	
03 21 13 00-0163	LF	#8, Grade 75, Walls, Galvanized Steel Reinforcement Bar	6.16	
		For Up To 100, Add	*4.10*	
		For >100 To 200, Add	*2.27*	
		For >200 To 400, Add	*1.10*	
03 21 13 00-0164	LF	#9, Grade 75, Walls, Galvanized Steel Reinforcement Bar	7.71	
		For Up To 100, Add	*5.17*	
		For >100 To 200, Add	*2.86*	
		For >200 To 400, Add	*1.39*	
03 21 13 00-0165	LF	#10, Grade 75, Walls, Galvanized Steel Reinforcement Bar	9.59	
		For Up To 100, Add	*5.23*	
		For >100 To 200, Add	*2.70*	
		For >200 To 300, Add	*1.35*	
03 21 13 00-0166	LF	#11, Grade 75, Walls, Galvanized Steel Reinforcement Bar	11.65	
		For Up To 100, Add	*6.40*	
		For >100 To 200, Add	*3.30*	
		For >200 To 300, Add	*1.65*	
03 21 13 00-0167	LF	#14, Grade 75, Walls, Galvanized Steel Reinforcement Bar	16.48	
		For Up To 100, Add	*9.12*	
		For >100 To 200, Add	*4.69*	
		For >200 To 300, Add	*2.34*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 13 00-0168	LF	#18, Grade 75, Walls, Galvanized Steel Reinforcement Bar	28.79	
		For Up To 100, Add	*16.06*	
		For >100 To 200, Add	*8.23*	
		For >200 To 300, Add	*4.12*	

03 21 16 Epoxy-Coated Reinforcement Steel Bars *(03 21)*

03 21 16 00-0001 Beams And Girders, Epoxy Coated Steel Reinforcement Bar *(03 21 16)*

Note: ASTM A-775 Epoxy Coated Steel.

03 21 16 00-0002	LF	#3, Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	1.02	
		For Up To 100, Add	*0.76*	
		For >100 To 200, Add	*0.40*	
		For >200 To 500, Add	*0.16*	
03 21 16 00-0003	LF	#4, Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	1.75	
		For Up To 100, Add	*1.32*	
		For >100 To 200, Add	*0.70*	
		For >200 To 500, Add	*0.28*	
03 21 16 00-0004	LF	#5, Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	2.65	
		For Up To 100, Add	*2.03*	
		For >100 To 200, Add	*1.07*	
		For >200 To 500, Add	*0.43*	
03 21 16 00-0005	LF	#6, Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	3.70	
		For Up To 100, Add	*2.87*	
		For >100 To 200, Add	*1.51*	
		For >200 To 500, Add	*0.60*	
03 21 16 00-0006	LF	#3, Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	1.04	
		For Up To 100, Add	*0.78*	
		For >100 To 200, Add	*0.41*	
		For >200 To 500, Add	*0.16*	
03 21 16 00-0007	LF	#4, Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	1.79	
		For Up To 100, Add	*1.36*	
		For >100 To 200, Add	*0.72*	
		For >200 To 500, Add	*0.29*	
03 21 16 00-0008	LF	#5, Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	2.71	
		For Up To 100, Add	*2.09*	
		For >100 To 200, Add	*1.10*	
		For >200 To 500, Add	*0.44*	
03 21 16 00-0009	LF	#6, Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	3.78	
		For Up To 100, Add	*2.95*	
		For >100 To 200, Add	*1.55*	
		For >200 To 500, Add	*0.62*	
03 21 16 00-0010	LF	#3, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	1.07	
		For Up To 100, Add	*0.81*	
		For >100 To 200, Add	*0.43*	
		For >200 To 500, Add	*0.17*	
03 21 16 00-0011	LF	#4, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	1.84	
		For Up To 100, Add	*1.41*	
		For >100 To 200, Add	*0.74*	
		For >200 To 500, Add	*0.30*	
03 21 16 00-0012	LF	#5, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	2.79	
		For Up To 100, Add	*2.17*	
		For >100 To 200, Add	*1.14*	
		For >200 To 500, Add	*0.45*	
03 21 16 00-0013	LF	#6, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	3.90	
		For Up To 100, Add	*3.07*	
		For >100 To 200, Add	*1.61*	
		For >200 To 500, Add	*0.64*	
03 21 16 00-0014	LF	#7, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	5.13	
		For Up To 100, Add	*3.17*	
		For >100 To 200, Add	*1.80*	
		For >200 To 400, Add	*0.86*	
03 21 16 00-0015	LF	#8, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	6.48	
		For Up To 100, Add	*4.06*	
		For >100 To 200, Add	*2.29*	
		For >200 To 400, Add	*1.10*	
03 21 16 00-0016	LF	#9, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	8.04	
		For Up To 100, Add	*5.10*	
		For >100 To 200, Add	*2.87*	
		For >200 To 400, Add	*1.38*	
03 21 16 00-0017	LF	#10, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	9.94	
		For Up To 100, Add	*5.15*	
		For >100 To 200, Add	*2.71*	
		For >200 To 300, Add	*1.36*	
03 21 16 00-0018	LF	#11, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	11.97	
		For Up To 100, Add	*6.27*	
		For >100 To 200, Add	*3.29*	
		For >200 To 300, Add	*1.64*	
03 21 16 00-0019	LF	#14, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	16.80	
		For Up To 100, Add	*8.90*	
		For >100 To 200, Add	*4.65*	
		For >200 To 300, Add	*2.32*	
03 21 16 00-0020	LF	#18, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	29.08	
		For Up To 100, Add	*15.58*	
		For >100 To 200, Add	*8.10*	
		For >200 To 300, Add	*4.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0021	LF	#6, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	4.02	
		For Up To 100, Add	*3.19*	
		For >100 To 200, Add	*1.67*	
		For >200 To 500, Add	*0.67*	
03 21 16 00-0022	LF	#7, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	5.29	
		For Up To 100, Add	*3.29*	
		For >100 To 200, Add	*1.86*	
		For >200 To 400, Add	*0.89*	
03 21 16 00-0023	LF	#8, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	6.69	
		For Up To 100, Add	*4.22*	
		For >100 To 200, Add	*2.38*	
		For >200 To 400, Add	*1.14*	
03 21 16 00-0024	LF	#9, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	8.31	
		For Up To 100, Add	*5.30*	
		For >100 To 200, Add	*2.97*	
		For >200 To 400, Add	*1.43*	
03 21 16 00-0025	LF	#10, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	10.28	
		For Up To 100, Add	*5.36*	
		For >100 To 200, Add	*2.81*	
		For >200 To 300, Add	*1.41*	
03 21 16 00-0026	LF	#11, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	12.39	
		For Up To 100, Add	*6.52*	
		For >100 To 200, Add	*3.41*	
		For >200 To 300, Add	*1.71*	
03 21 16 00-0027	LF	#14, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	17.40	
		For Up To 100, Add	*9.26*	
		For >100 To 200, Add	*4.83*	
		For >200 To 300, Add	*2.41*	
03 21 16 00-0028	LF	#18, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	30.16	
		For Up To 100, Add	*16.23*	
		For >100 To 200, Add	*8.43*	
		For >200 To 300, Add	*4.21*	

03 21 16 00-0029 Columns, Epoxy Coated Steel Reinforcement Bar *(03 21 16)*

Note: ASTM A-775 Epoxy Coated Steel.

03 21 16 00-0030	LF	#3, Grade 40, Columns, Epoxy Coated Steel Reinforcement Bar	1.06	
		For Up To 100, Add	*0.77*	
		For >100 To 200, Add	*0.41*	
		For >200 To 500, Add	*0.16*	
03 21 16 00-0031	LF	#4, Grade 40, Columns, Epoxy Coated Steel Reinforcement Bar	1.83	
		For Up To 100, Add	*1.35*	
		For >100 To 200, Add	*0.72*	
		For >200 To 500, Add	*0.29*	
03 21 16 00-0032	LF	#5, Grade 40, Columns, Epoxy Coated Steel Reinforcement Bar	2.75	
		For Up To 100, Add	*2.07*	
		For >100 To 200, Add	*1.09*	
		For >200 To 500, Add	*0.44*	
03 21 16 00-0033	LF	#6, Grade 40, Columns, Epoxy Coated Steel Reinforcement Bar	3.83	
		For Up To 100, Add	*2.92*	
		For >100 To 200, Add	*1.54*	
		For >200 To 500, Add	*0.62*	
03 21 16 00-0034	LF	#3, Grade 50, Columns, Epoxy Coated Steel Reinforcement Bar	1.08	
		For Up To 100, Add	*0.79*	
		For >100 To 200, Add	*0.42*	
		For >200 To 500, Add	*0.17*	
03 21 16 00-0035	LF	#4, Grade 50, Columns, Epoxy Coated Steel Reinforcement Bar	1.87	
		For Up To 100, Add	*1.39*	
		For >100 To 200, Add	*0.74*	
		For >200 To 500, Add	*0.29*	
03 21 16 00-0036	LF	#5, Grade 50, Columns, Epoxy Coated Steel Reinforcement Bar	2.81	
		For Up To 100, Add	*2.13*	
		For >100 To 200, Add	*1.12*	
		For >200 To 500, Add	*0.45*	
03 21 16 00-0037	LF	#6, Grade 50, Columns, Epoxy Coated Steel Reinforcement Bar	3.91	
		For Up To 100, Add	*3.00*	
		For >100 To 200, Add	*1.58*	
		For >200 To 500, Add	*0.63*	
03 21 16 00-0038	LF	#3, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	1.11	
		For Up To 100, Add	*0.82*	
		For >100 To 200, Add	*0.44*	
		For >200 To 500, Add	*0.17*	
03 21 16 00-0039	LF	#4, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	1.92	
		For Up To 100, Add	*1.44*	
		For >100 To 200, Add	*0.76*	
		For >200 To 500, Add	*0.30*	
03 21 16 00-0040	LF	#5, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	2.89	
		For Up To 100, Add	*2.21*	
		For >100 To 200, Add	*1.16*	
		For >200 To 500, Add	*0.46*	
03 21 16 00-0041	LF	#6, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	4.03	
		For Up To 100, Add	*3.12*	
		For >100 To 200, Add	*1.64*	
		For >200 To 500, Add	*0.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0042	LF	#7, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	5.31	
		For Up To 100, Add	*3.23*	
		For >100 To 200, Add	*1.84*	
		For >200 To 400, Add	*0.88*	
03 21 16 00-0043	LF	#8, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	6.67	
		For Up To 100, Add	*4.13*	
		For >100 To 200, Add	*2.34*	
		For >200 To 400, Add	*1.12*	
03 21 16 00-0044	LF	#9, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	8.27	
		For Up To 100, Add	*5.18*	
		For >100 To 200, Add	*2.92*	
		For >200 To 400, Add	*1.40*	
03 21 16 00-0045	LF	#10, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	10.20	
		For Up To 100, Add	*5.23*	
		For >100 To 200, Add	*2.76*	
		For >200 To 300, Add	*1.38*	
03 21 16 00-0046	LF	#11, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	12.26	
		For Up To 100, Add	*6.36*	
		For >100 To 200, Add	*3.35*	
		For >200 To 300, Add	*1.67*	
03 21 16 00-0047	LF	#14, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	17.19	
		For Up To 100, Add	*9.02*	
		For >100 To 200, Add	*4.72*	
		For >200 To 300, Add	*2.36*	
03 21 16 00-0048	LF	#18, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	29.70	
		For Up To 100, Add	*15.77*	
		For >100 To 200, Add	*8.23*	
		For >200 To 300, Add	*4.11*	
03 21 16 00-0049	LF	#6, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	4.15	
		For Up To 100, Add	*3.24*	
		For >100 To 200, Add	*1.70*	
		For >200 To 500, Add	*0.68*	
03 21 16 00-0050	LF	#7, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	5.47	
		For Up To 100, Add	*3.35*	
		For >100 To 200, Add	*1.91*	
		For >200 To 400, Add	*0.91*	
03 21 16 00-0051	LF	#8, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	6.88	
		For Up To 100, Add	*4.29*	
		For >100 To 200, Add	*2.43*	
		For >200 To 400, Add	*1.16*	
03 21 16 00-0052	LF	#9, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	8.54	
		For Up To 100, Add	*5.38*	
		For >100 To 200, Add	*3.03*	
		For >200 To 400, Add	*1.45*	
03 21 16 00-0053	LF	#10, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	10.54	
		For Up To 100, Add	*5.43*	
		For >100 To 200, Add	*2.87*	
		For >200 To 300, Add	*1.43*	
03 21 16 00-0054	LF	#11, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	12.68	
		For Up To 100, Add	*6.61*	
		For >100 To 200, Add	*3.47*	
		For >200 To 300, Add	*1.74*	
03 21 16 00-0055	LF	#14, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	17.79	
		For Up To 100, Add	*9.38*	
		For >100 To 200, Add	*4.90*	
		For >200 To 300, Add	*2.45*	
03 21 16 00-0056	LF	#18, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	30.78	
		For Up To 100, Add	*16.42*	
		For >100 To 200, Add	*8.55*	
		For >200 To 300, Add	*4.28*	

03 21 16 00-0057 Footings, Epoxy Coated Steel Reinforcement Bar *(03 21 16)*

Note: ASTM A-775 Epoxy Coated Steel.

03 21 16 00-0058	LF	#3, Grade 40, Footings, Epoxy Coated Steel Reinforcement Bar	0.96	
		For Up To 100, Add	*0.73*	
		For >100 To 200, Add	*0.39*	
		For >200 To 500, Add	*0.15*	
03 21 16 00-0059	LF	#4, Grade 40, Footings, Epoxy Coated Steel Reinforcement Bar	1.64	
		For Up To 100, Add	*1.27*	
		For >100 To 200, Add	*0.67*	
		For >200 To 500, Add	*0.27*	
03 21 16 00-0060	LF	#5, Grade 40, Footings, Epoxy Coated Steel Reinforcement Bar	2.50	
		For Up To 100, Add	*1.97*	
		For >100 To 200, Add	*1.03*	
		For >200 To 500, Add	*0.41*	
03 21 16 00-0061	LF	#6, Grade 40, Footings, Epoxy Coated Steel Reinforcement Bar	3.49	
		For Up To 100, Add	*2.79*	
		For >100 To 200, Add	*1.45*	
		For >200 To 500, Add	*0.58*	
03 21 16 00-0062	LF	#3, Grade 50, Footings, Epoxy Coated Steel Reinforcement Bar	0.98	
		For Up To 100, Add	*0.75*	
		For >100 To 200, Add	*0.40*	
		For >200 To 500, Add	*0.16*	
03 21 16 00-0063	LF	#4, Grade 50, Footings, Epoxy Coated Steel Reinforcement Bar	1.68	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0064	LF	#5, Grade 50, Footings, Epoxy Coated Steel Reinforcement Bar	2.56	
		For Up To 100, Add	*2.03*	
		For >100 To 200, Add	*1.06*	
		For >200 To 500, Add	*0.42*	
03 21 16 00-0065	LF	#6, Grade 50, Footings, Epoxy Coated Steel Reinforcement Bar	3.57	
		For Up To 100, Add	*2.87*	
		For >100 To 200, Add	*1.49*	
		For >200 To 500, Add	*0.60*	
03 21 16 00-0066	LF	#3, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	1.01	
		For Up To 100, Add	*0.78*	
		For >100 To 200, Add	*0.41*	
		For >200 To 500, Add	*0.16*	
03 21 16 00-0067	LF	#4, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	1.73	
		For Up To 100, Add	*1.36*	
		For >100 To 200, Add	*0.71*	
		For >200 To 500, Add	*0.29*	
03 21 16 00-0068	LF	#5, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	2.64	
		For Up To 100, Add	*2.11*	
		For >100 To 200, Add	*1.10*	
		For >200 To 500, Add	*0.44*	
03 21 16 00-0069	LF	#6, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	3.69	
		For Up To 100, Add	*2.99*	
		For >100 To 200, Add	*1.55*	
		For >200 To 500, Add	*0.62*	
03 21 16 00-0070	LF	#7, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	4.88	
		For Up To 100, Add	*3.08*	
		For >100 To 200, Add	*1.74*	
		For >200 To 400, Add	*0.83*	
03 21 16 00-0071	LF	#8, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	6.18	
		For Up To 100, Add	*3.96*	
		For >100 To 200, Add	*2.22*	
		For >200 To 400, Add	*1.07*	
03 21 16 00-0072	LF	#9, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	7.69	
		For Up To 100, Add	*4.98*	
		For >100 To 200, Add	*2.78*	
		For >200 To 400, Add	*1.34*	
03 21 16 00-0073	LF	#10, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	9.53	
		For Up To 100, Add	*5.03*	
		For >100 To 200, Add	*2.63*	
		For >200 To 300, Add	*1.31*	
03 21 16 00-0074	LF	#11, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	11.51	
		For Up To 100, Add	*6.13*	
		For >100 To 200, Add	*3.20*	
		For >200 To 300, Add	*1.60*	
03 21 16 00-0075	LF	#14, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	16.20	
		For Up To 100, Add	*8.72*	
		For >100 To 200, Add	*4.53*	
		For >200 To 300, Add	*2.26*	
03 21 16 00-0076	LF	#18, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	28.14	
		For Up To 100, Add	*15.30*	
		For >100 To 200, Add	*7.91*	
		For >200 To 300, Add	*3.96*	
03 21 16 00-0077	LF	#6, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	3.81	
		For Up To 100, Add	*3.11*	
		For >100 To 200, Add	*1.61*	
		For >200 To 500, Add	*0.65*	
03 21 16 00-0078	LF	#7, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	5.04	
		For Up To 100, Add	*3.20*	
		For >100 To 200, Add	*1.80*	
		For >200 To 400, Add	*0.86*	
03 21 16 00-0079	LF	#8, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	6.39	
		For Up To 100, Add	*4.12*	
		For >100 To 200, Add	*2.30*	
		For >200 To 400, Add	*1.11*	
03 21 16 00-0080	LF	#9, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	7.96	
		For Up To 100, Add	*5.18*	
		For >100 To 200, Add	*2.89*	
		For >200 To 400, Add	*1.39*	
03 21 16 00-0081	LF	#10, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	9.87	
		For Up To 100, Add	*5.23*	
		For >100 To 200, Add	*2.73*	
		For >200 To 300, Add	*1.37*	
03 21 16 00-0082	LF	#11, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	11.93	
		For Up To 100, Add	*6.38*	
		For >100 To 200, Add	*3.32*	
		For >200 To 300, Add	*1.66*	
03 21 16 00-0083	LF	#14, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	16.80	
		For Up To 100, Add	*9.08*	
		For >100 To 200, Add	*4.71*	
		For >200 To 300, Add	*2.35*	
03 21 16 00-0084	LF	#18, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	29.22	
		For Up To 100, Add	*15.95*	
		For >100 To 200, Add	*8.24*	
		For >200 To 300, Add	*4.12*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0085		**Slab On Grade, Epoxy Coated Steel Reinforcement Bar** *(03 21 16)* Note: ASTM A-775 Epoxy Coated Steel.		
03 21 16 00-0086	LF	#3, Grade 40, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	0.93	
		For Up To 100, Add	*0.72*	
		For >100 To 200, Add	*0.38*	
		For >200 To 500, Add	*0.15*	
03 21 16 00-0087	LF	#4, Grade 40, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	1.61	
		For Up To 100, Add	*1.26*	
		For >100 To 200, Add	*0.66*	
		For >200 To 500, Add	*0.26*	
03 21 16 00-0088	LF	#5, Grade 40, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	2.44	
		For Up To 100, Add	*1.94*	
		For >100 To 200, Add	*1.01*	
		For >200 To 500, Add	*0.41*	
03 21 16 00-0089	LF	#6, Grade 40, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	3.41	
		For Up To 100, Add	*2.76*	
		For >100 To 200, Add	*1.43*	
		For >200 To 500, Add	*0.57*	
03 21 16 00-0090	LF	#3, Grade 50, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	0.95	
		For Up To 100, Add	*0.74*	
		For >100 To 200, Add	*0.39*	
		For >200 To 500, Add	*0.16*	
03 21 16 00-0091	LF	#4, Grade 50, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	1.65	
		For Up To 100, Add	*1.30*	
		For >100 To 200, Add	*0.68*	
		For >200 To 500, Add	*0.27*	
03 21 16 00-0092	LF	#5, Grade 50, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	2.50	
		For Up To 100, Add	*2.00*	
		For >100 To 200, Add	*1.04*	
		For >200 To 500, Add	*0.42*	
03 21 16 00-0093	LF	#6, Grade 50, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	3.49	
		For Up To 100, Add	*2.84*	
		For >100 To 200, Add	*1.47*	
		For >200 To 500, Add	*0.59*	
03 21 16 00-0094	LF	#3, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	0.98	
		For Up To 100, Add	*0.77*	
		For >100 To 200, Add	*0.40*	
		For >200 To 500, Add	*0.16*	
03 21 16 00-0095	LF	#4, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	1.70	
		For Up To 100, Add	*1.35*	
		For >100 To 200, Add	*0.71*	
		For >200 To 500, Add	*0.28*	
03 21 16 00-0096	LF	#5, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	2.58	
		For Up To 100, Add	*2.08*	
		For >100 To 200, Add	*1.08*	
		For >200 To 500, Add	*0.43*	
03 21 16 00-0097	LF	#6, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	3.61	
		For Up To 100, Add	*2.96*	
		For >100 To 200, Add	*1.53*	
		For >200 To 500, Add	*0.61*	
03 21 16 00-0098	LF	#7, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	4.80	
		For Up To 100, Add	*3.06*	
		For >100 To 200, Add	*1.72*	
		For >200 To 400, Add	*0.82*	
03 21 16 00-0099	LF	#8, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	6.08	
		For Up To 100, Add	*3.92*	
		For >100 To 200, Add	*2.19*	
		For >200 To 400, Add	*1.06*	
03 21 16 00-0100	LF	#9, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	7.58	
		For Up To 100, Add	*4.94*	
		For >100 To 200, Add	*2.75*	
		For >200 To 400, Add	*1.33*	
03 21 16 00-0101	LF	#10, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	9.39	
		For Up To 100, Add	*4.99*	
		For >100 To 200, Add	*2.60*	
		For >200 To 300, Add	*1.30*	
03 21 16 00-0102	LF	#11, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	11.36	
		For Up To 100, Add	*6.09*	
		For >100 To 200, Add	*3.17*	
		For >200 To 300, Add	*1.58*	
03 21 16 00-0103	LF	#14, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	16.00	
		For Up To 100, Add	*8.66*	
		For >100 To 200, Add	*4.49*	
		For >200 To 300, Add	*2.24*	
03 21 16 00-0104	LF	#18, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	27.83	
		For Up To 100, Add	*15.21*	
		For >100 To 200, Add	*7.85*	
		For >200 To 300, Add	*3.93*	
03 21 16 00-0105	LF	#6, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	3.73	
		For Up To 100, Add	*3.08*	
		For >100 To 200, Add	*1.59*	
		For >200 To 500, Add	*0.64*	
03 21 16 00-0106	LF	#7, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	4.96	
		For Up To 100, Add	*3.18*	
		For >100 To 200, Add	*1.78*	
		For >200 To 400, Add	*0.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0107	LF	#8, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	6.29	
		For Up To 100, Add	*4.08*	
		For >100 To 200, Add	*2.28*	
		For >200 To 400, Add	*1.10*	
03 21 16 00-0108	LF	#9, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	7.85	
		For Up To 100, Add	*5.14*	
		For >100 To 200, Add	*2.86*	
		For >200 To 400, Add	*1.38*	
03 21 16 00-0109	LF	#10, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	9.73	
		For Up To 100, Add	*5.19*	
		For >100 To 200, Add	*2.70*	
		For >200 To 300, Add	*1.35*	
03 21 16 00-0110	LF	#11, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	11.78	
		For Up To 100, Add	*6.34*	
		For >100 To 200, Add	*3.29*	
		For >200 To 300, Add	*1.65*	
03 21 16 00-0111	LF	#14, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	16.60	
		For Up To 100, Add	*9.02*	
		For >100 To 200, Add	*4.67*	
		For >200 To 300, Add	*2.33*	
03 21 16 00-0112	LF	#18, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	28.91	
		For Up To 100, Add	*15.86*	
		For >100 To 200, Add	*8.18*	
		For >200 To 300, Add	*4.09*	

03 21 16 00-0113 Elevated Slabs, Epoxy Coated Steel Reinforcement Bar *(03 21 16)*

Note: ASTM A-775 Epoxy Coated Steel.

03 21 16 00-0114	LF	#3, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	0.89	
		For Up To 100, Add	*0.70*	
		For >100 To 200, Add	*0.37*	
		For >200 To 500, Add	*0.15*	
03 21 16 00-0115	LF	#4, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	1.53	
		For Up To 100, Add	*1.23*	
		For >100 To 200, Add	*0.64*	
		For >200 To 500, Add	*0.26*	
03 21 16 00-0116	LF	#5, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	2.34	
		For Up To 100, Add	*1.90*	
		For >100 To 200, Add	*0.99*	
		For >200 To 500, Add	*0.40*	
03 21 16 00-0117	LF	#6, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	3.28	
		For Up To 100, Add	*2.70*	
		For >100 To 200, Add	*1.40*	
		For >200 To 500, Add	*0.56*	
03 21 16 00-0118	LF	#3, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	0.91	
		For Up To 100, Add	*0.72*	
		For >100 To 200, Add	*0.38*	
		For >200 To 500, Add	*0.15*	
03 21 16 00-0119	LF	#4, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	1.57	
		For Up To 100, Add	*1.27*	
		For >100 To 200, Add	*0.66*	
		For >200 To 500, Add	*0.26*	
03 21 16 00-0120	LF	#5, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	2.40	
		For Up To 100, Add	*1.96*	
		For >100 To 200, Add	*1.02*	
		For >200 To 500, Add	*0.41*	
03 21 16 00-0121	LF	#6, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	3.36	
		For Up To 100, Add	*2.78*	
		For >100 To 200, Add	*1.44*	
		For >200 To 500, Add	*0.58*	
03 21 16 00-0122	LF	#3, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	0.94	
		For Up To 100, Add	*0.75*	
		For >100 To 200, Add	*0.39*	
		For >200 To 500, Add	*0.16*	
03 21 16 00-0123	LF	#4, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	1.62	
		For Up To 100, Add	*1.32*	
		For >100 To 200, Add	*0.69*	
		For >200 To 500, Add	*0.27*	
03 21 16 00-0124	LF	#5, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	2.48	
		For Up To 100, Add	*2.04*	
		For >100 To 200, Add	*1.06*	
		For >200 To 500, Add	*0.42*	
03 21 16 00-0125	LF	#6, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	3.48	
		For Up To 100, Add	*2.90*	
		For >100 To 200, Add	*1.50*	
		For >200 To 500, Add	*0.60*	
03 21 16 00-0126	LF	#7, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	4.63	
		For Up To 100, Add	*3.00*	
		For >100 To 200, Add	*1.67*	
		For >200 To 400, Add	*0.81*	
03 21 16 00-0127	LF	#8, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	5.88	
		For Up To 100, Add	*3.85*	
		For >100 To 200, Add	*2.14*	
		For >200 To 400, Add	*1.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0128	LF	#9, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	7.35	
		For Up To 100, Add	*4.86*	
		For >100 To 200, Add	*2.69*	
		For >200 To 400, Add	*1.31*	
03 21 16 00-0129	LF	#10, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	9.13	
		For Up To 100, Add	*4.91*	
		For >100 To 200, Add	*2.55*	
		For >200 To 300, Add	*1.27*	
03 21 16 00-0130	LF	#11, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	11.06	
		For Up To 100, Add	*6.00*	
		For >100 To 200, Add	*3.11*	
		For >200 To 300, Add	*1.55*	
03 21 16 00-0131	LF	#14, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	15.61	
		For Up To 100, Add	*8.54*	
		For >100 To 200, Add	*4.41*	
		For >200 To 300, Add	*2.20*	
03 21 16 00-0132	LF	#18, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	27.22	
		For Up To 100, Add	*15.02*	
		For >100 To 200, Add	*7.73*	
		For >200 To 300, Add	*3.87*	
03 21 16 00-0133	LF	#6, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	3.60	
		For Up To 100, Add	*3.02*	
		For >100 To 200, Add	*1.56*	
		For >200 To 500, Add	*0.62*	
03 21 16 00-0134	LF	#7, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	4.79	
		For Up To 100, Add	*3.12*	
		For >100 To 200, Add	*1.74*	
		For >200 To 400, Add	*0.84*	
03 21 16 00-0135	LF	#8, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	6.09	
		For Up To 100, Add	*4.01*	
		For >100 To 200, Add	*2.23*	
		For >200 To 400, Add	*1.08*	
03 21 16 00-0136	LF	#9, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	7.62	
		For Up To 100, Add	*5.06*	
		For >100 To 200, Add	*2.80*	
		For >200 To 400, Add	*1.36*	
03 21 16 00-0137	LF	#10, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	9.47	
		For Up To 100, Add	*5.11*	
		For >100 To 200, Add	*2.65*	
		For >200 To 300, Add	*1.33*	
03 21 16 00-0138	LF	#11, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	11.48	
		For Up To 100, Add	*6.25*	
		For >100 To 200, Add	*3.23*	
		For >200 To 300, Add	*1.62*	
03 21 16 00-0139	LF	#14, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	16.21	
		For Up To 100, Add	*8.90*	
		For >100 To 200, Add	*4.59*	
		For >200 To 300, Add	*2.29*	
03 21 16 00-0140	LF	#18, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	28.30	
		For Up To 100, Add	*15.67*	
		For >100 To 200, Add	*8.05*	
		For >200 To 300, Add	*4.03*	

03 21 16 00-0141 Walls, Epoxy Coated Steel Reinforcement Bar *(03 21 16)*

Note: ASTM A-775 Epoxy Coated Steel.

03 21 16 00-0142	LF	#3, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar	0.86	
		For Up To 100, Add	*0.69*	
		For >100 To 200, Add	*0.36*	
		For >200 To 500, Add	*0.14*	
03 21 16 00-0143	LF	#4, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar	1.50	
		For Up To 100, Add	*1.22*	
		For >100 To 200, Add	*0.63*	
		For >200 To 500, Add	*0.25*	
03 21 16 00-0144	LF	#5, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar	2.28	
		For Up To 100, Add	*1.88*	
		For >100 To 200, Add	*0.97*	
		For >200 To 500, Add	*0.39*	
03 21 16 00-0145	LF	#6, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar	3.21	
		For Up To 100, Add	*2.68*	
		For >100 To 200, Add	*1.38*	
		For >200 To 500, Add	*0.55*	
03 21 16 00-0146	LF	#3, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar	0.88	
		For Up To 100, Add	*0.71*	
		For >100 To 200, Add	*0.37*	
		For >200 To 500, Add	*0.15*	
03 21 16 00-0147	LF	#4, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar	1.54	
		For Up To 100, Add	*1.26*	
		For >100 To 200, Add	*0.65*	
		For >200 To 500, Add	*0.26*	
03 21 16 00-0148	LF	#5, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar	2.34	
		For Up To 100, Add	*1.94*	
		For >100 To 200, Add	*1.00*	
		For >200 To 500, Add	*0.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0149	LF	#6, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar	3.29	
		For Up To 100, Add	*2.76*	
		For >100 To 200, Add	*1.42*	
		For >200 To 500, Add	*0.57*	
03 21 16 00-0150	LF	#3, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	0.91	
		For Up To 100, Add	*0.74*	
		For >100 To 200, Add	*0.39*	
		For >200 To 500, Add	*0.15*	
03 21 16 00-0151	LF	#4, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	1.59	
		For Up To 100, Add	*1.31*	
		For >100 To 200, Add	*0.68*	
		For >200 To 500, Add	*0.27*	
03 21 16 00-0152	LF	#5, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	2.42	
		For Up To 100, Add	*2.02*	
		For >100 To 200, Add	*1.04*	
		For >200 To 500, Add	*0.42*	
03 21 16 00-0153	LF	#6, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	3.41	
		For Up To 100, Add	*2.88*	
		For >100 To 200, Add	*1.48*	
		For >200 To 500, Add	*0.59*	
03 21 16 00-0154	LF	#7, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	4.53	
		For Up To 100, Add	*2.96*	
		For >100 To 200, Add	*1.65*	
		For >200 To 400, Add	*0.80*	
03 21 16 00-0155	LF	#8, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	5.79	
		For Up To 100, Add	*3.82*	
		For >100 To 200, Add	*2.12*	
		For >200 To 400, Add	*1.03*	
03 21 16 00-0156	LF	#9, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	7.23	
		For Up To 100, Add	*4.81*	
		For >100 To 200, Add	*2.66*	
		For >200 To 400, Add	*1.29*	
03 21 16 00-0157	LF	#10, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	8.99	
		For Up To 100, Add	*4.87*	
		For >100 To 200, Add	*2.52*	
		For >200 To 300, Add	*1.26*	
03 21 16 00-0158	LF	#11, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	10.91	
		For Up To 100, Add	*5.95*	
		For >100 To 200, Add	*3.08*	
		For >200 To 300, Add	*1.54*	
03 21 16 00-0159	LF	#14, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	15.42	
		For Up To 100, Add	*8.48*	
		For >100 To 200, Add	*4.37*	
		For >200 To 300, Add	*2.19*	
03 21 16 00-0160	LF	#18, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	26.91	
		For Up To 100, Add	*14.93*	
		For >100 To 200, Add	*7.67*	
		For >200 To 300, Add	*3.83*	
03 21 16 00-0161	LF	#6, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	3.53	
		For Up To 100, Add	*3.00*	
		For >100 To 200, Add	*1.54*	
		For >200 To 500, Add	*0.62*	
03 21 16 00-0162	LF	#7, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	4.69	
		For Up To 100, Add	*3.08*	
		For >100 To 200, Add	*1.71*	
		For >200 To 400, Add	*0.83*	
03 21 16 00-0163	LF	#8, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	6.00	
		For Up To 100, Add	*3.98*	
		For >100 To 200, Add	*2.21*	
		For >200 To 400, Add	*1.07*	
03 21 16 00-0164	LF	#9, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	7.50	
		For Up To 100, Add	*5.02*	
		For >100 To 200, Add	*2.77*	
		For >200 To 400, Add	*1.35*	
03 21 16 00-0165	LF	#10, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	9.33	
		For Up To 100, Add	*5.07*	
		For >100 To 200, Add	*2.62*	
		For >200 To 300, Add	*1.31*	
03 21 16 00-0166	LF	#11, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	11.33	
		For Up To 100, Add	*6.20*	
		For >100 To 200, Add	*3.20*	
		For >200 To 300, Add	*1.60*	
03 21 16 00-0167	LF	#14, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	16.02	
		For Up To 100, Add	*8.84*	
		For >100 To 200, Add	*4.55*	
		For >200 To 300, Add	*2.28*	
03 21 16 00-0168	LF	#18, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	27.99	
		For Up To 100, Add	*15.58*	
		For >100 To 200, Add	*7.99*	
		For >200 To 300, Add	*4.00*	

03 21 16 00-0169 Epoxy Coated Deformed Straight Dowels *(03 21 16)*
Note: Excludes drilling. See CSI section 02 41 19 13-0269 for drilling in concrete.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0170	EA	3/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel	5.31	
		For Up To 12" Length, Deduct	*-0.71*	
		For >12" To <24" Length, Deduct	*-0.36*	
03 21 16 00-0171	EA	1/2" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel	6.46	
		For Up To 12" Length, Deduct	*-1.08*	
		For >12" To <24" Length, Deduct	*-0.54*	
03 21 16 00-0172	EA	5/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel	8.24	
		For Up To 12" Length, Deduct	*-1.61*	
		For >12" To <24" Length, Deduct	*-0.80*	
03 21 16 00-0173	EA	3/4" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel	10.36	
		For Up To 12" Length, Deduct	*-2.14*	
		For >12" To <24" Length, Deduct	*-1.07*	
03 21 16 00-0174	EA	7/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel	12.75	
		For Up To 12" Length, Deduct	*-2.91*	
		For >12" To <24" Length, Deduct	*-1.46*	
03 21 16 00-0175	EA	1" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel	14.99	
		For Up To 12" Length, Deduct	*-3.58*	
		For >12" To <24" Length, Deduct	*-1.79*	
03 21 16 00-0176	EA	1-1/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel	17.79	
		For Up To 12" Length, Deduct	*-4.34*	
		For >12" To <24" Length, Deduct	*-2.17*	
03 21 16 00-0177	EA	1-1/4" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel	21.46	
		For Up To 12" Length, Deduct	*-5.26*	
		For >12" To <24" Length, Deduct	*-2.63*	

03 30 Cast-In-Place Concrete *(03)*

See CSI section 01 74 19 00-0040 for hauling over 15 miles.

03 30 53 Miscellaneous Cast-in-Place Concrete *(03 30)*

03 30 53 00-0001 Place Concrete Duct Bank *(03 30 53)*

03 30 53 00-0002	CY	Direct Chute, Place 3,000 PSI Concrete Duct Bank	223.62	
		For 2,000 PSI Concrete, Deduct	*-10.00*	
		For 2,500 PSI Concrete, Deduct	*-5.00*	
		For 3,500 PSI Concrete, Add	*9.26*	
		For 3,750 PSI Concrete, Add	*12.59*	
		For 4,000 PSI Concrete, Add	*15.93*	
		For 4,500 PSI Concrete, Add	*18.52*	
		For 5,000 PSI Concrete, Add	*21.11*	
		For 6,000 PSI Concrete, Add	*50.00*	
		For White Cement Concrete, Add	*22.22*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*24.07*	
		For High Early Strength, Type 3 ASTM C150, Add	*18.52*	
		For Lightweight Aggregate, ASTM C330, Add	*64.82*	
		For Up To 20, Add	*15.37*	
		For >20 To 50, Add	*5.76*	
		For >100 To 200, Deduct	*-4.47*	
		For >200 To 400, Deduct	*-8.94*	
		For >400, Deduct	*-13.42*	

03 30 53 00-0003 Place Concrete Thrust Blocks And Backfill *(03 30 53)*

03 30 53 00-0004	CY	Direct Chute, Place 3,000 PSI Concrete Thrust Blocks	271.96	
		For 2,000 PSI Concrete, Deduct	*-10.00*	
		For 2,500 PSI Concrete, Deduct	*-5.00*	
		For 3,500 PSI Concrete, Add	*9.26*	
		For 3,750 PSI Concrete, Add	*12.59*	
		For 4,000 PSI Concrete, Add	*15.93*	
		For 4,500 PSI Concrete, Add	*18.52*	
		For 5,000 PSI Concrete, Add	*21.11*	
		For 6,000 PSI Concrete, Add	*50.00*	
		For White Cement Concrete, Add	*22.22*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*24.07*	
		For High Early Strength, Type 3 ASTM C150, Add	*18.52*	
		For Lightweight Aggregate, ASTM C330, Add	*64.82*	
		For Up To 20, Add	*34.71*	
		For >20 To 50, Add	*13.02*	
		For >100 To 200, Deduct	*-5.44*	
		For >200 To 400, Deduct	*-10.88*	
		For >400, Deduct	*-16.32*	

03 30 53 00-0005 Place Concrete Slurry *(03 30 53)*

03 30 53 00-0006	CY	Direct Chute, Place Two Sack Cement, Concrete Slurry Note: Two 94# sack cement per CY.	207.98	
03 30 53 00-0007	CY	Concrete Pump, Place Two Sack Cement, Concrete Slurry Note: Two 94# sack cement per CY. Excludes pumping equipment.	200.32	

03 30 53 00-0008 Hand Mix And Place Concrete *(03 30 53)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 30 53 00-0009	CF	Hand Mix And Place 3,000 PSI Concrete Note: For use where conventional equipment access is limited or when directed by the owner. Includes local aggregate, sand, bagged cement (Type I) and water.	21.09	
		For Up To 25 CF, Add	*2.51*	
		For 2,000 PSI Concrete, Deduct	*-0.43*	
		For 2,500 PSI Concrete, Deduct	*-0.21*	
		For 3,500 PSI Concrete, Add	*0.40*	
		For 3,750 PSI Concrete, Add	*0.54*	
		For 4,000 PSI Concrete, Add	*0.68*	
		For 4,500 PSI Concrete, Add	*0.79*	
		For 5,000 PSI Concrete, Add	*0.90*	
		For 6,000 PSI Concrete, Add	*2.14*	
		For White Cement Concrete, Add	*0.95*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*1.03*	
		For High Early Strength, Type 3 ASTM C150, Add	*0.79*	
		For Lightweight Aggregate, ASTM C330, Add	*2.77*	

03 31 Structural Concrete *(03 30)*

03 31 13 Heavyweight Structural Concrete *(03 31)*

Note: Includes delivery, fuel charge and placement of material. See CSI section 02 41 00 00-0000 for demolition, 03 05 13 00-0001 for admixtures, 03 11 00 00-0000 for forming, 03 20 00 00-0000 for reinforcing, 03 31 13 00-0086 for small concrete purchases (short load), 03 35 00 00-0000 for finishing, 03 39 00 00-0000 for curing.

03 31 13 00-0001 Concrete Slab Assemblies *(03 31 13)*

03 31 13 00-0002 3,000 PSI Slab On Grade Concrete Slabs Assemblies *(03 31 13 00-0001)*

Note: Includes forms, welded wire reinforcement (where necessary), #3 to #6 reinforcing rods at 12" on center each way with chairs (where necessary), vapor barrier, concrete, curing, latex or hot asphalt expansion joints, control joints, screed, float, and finish for pedestrian slabs. Excludes excavation, base, earthwork, and expansion joints along existing slab. See CSI section 03 05 13 00-0001 for color additive alternative, 03 37 16 00-0001 for concrete pumping equipment.

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0003	SF	4" 3,000 PSI Slab On Grade Concrete Slab Assembly	8.88	
		For 2,000 PSI Concrete, Deduct	*-0.24*	
		For 2,500 PSI Concrete, Deduct	*-0.12*	
		For 3,500 PSI Concrete, Add	*0.09*	
		For 4,000 PSI Concrete, Add	*0.28*	
		For 4,500 PSI Concrete, Add	*0.35*	
		For 5,000 PSI Concrete, Add	*0.41*	
		For Reinforcing Rods Are At 18" On Center, Deduct	*-0.60*	
		For Reinforcing Rods Are At 24" On Center, Deduct	*-0.89*	
		For Up To 500, Add	*3.53*	
		For >500 To 1,000, Add	*2.43*	
		For >1,000 To 2,000, Add	*1.33*	
		For >2,000 To 5,000, Add	*0.66*	
		For >10,000 To 20,000, Deduct	*-0.22*	
		For >20,000 To 35,000, Deduct	*-0.45*	
		For >35,000 To 50,000, Deduct	*-0.67*	
		For >50,000 To 70,000, Deduct	*-0.89*	
		For >70,000, Deduct	*-1.11*	
03 31 13 00-0004	SF	5" 3,000 PSI Slab On Grade Concrete Slab Assembly	9.70	
		For 2,000 PSI Concrete, Deduct	*-0.28*	
		For 2,500 PSI Concrete, Deduct	*-0.14*	
		For 3,500 PSI Concrete, Add	*0.10*	
		For 4,000 PSI Concrete, Add	*0.32*	
		For 4,500 PSI Concrete, Add	*0.40*	
		For 5,000 PSI Concrete, Add	*0.47*	
		For Reinforcing Rods Are At 18" On Center, Deduct	*-0.60*	
		For Reinforcing Rods Are At 24" On Center, Deduct	*-0.89*	
		For Up To 500, Add	*3.78*	
		For >500 To 1,000, Add	*2.60*	
		For >1,000 To 2,000, Add	*1.43*	
		For >2,000 To 5,000, Add	*0.71*	
		For >10,000 To 20,000, Deduct	*-0.26*	
		For >20,000 To 35,000, Deduct	*-0.50*	
		For >35,000 To 50,000, Deduct	*-0.74*	
		For >50,000 To 70,000, Deduct	*-0.98*	
		For >70,000, Deduct	*-1.23*	
03 31 13 00-0005	SF	6" 3,000 PSI Slab On Grade Concrete Slab Assembly	10.87	
		For 2,000 PSI Concrete, Deduct	*-0.32*	
		For 2,500 PSI Concrete, Deduct	*-0.16*	
		For 3,500 PSI Concrete, Add	*0.11*	
		For 4,000 PSI Concrete, Add	*0.38*	
		For 4,500 PSI Concrete, Add	*0.47*	
		For 5,000 PSI Concrete, Add	*0.54*	
		For Reinforcing Rods Are At 18" On Center, Deduct	*-0.60*	
		For Reinforcing Rods Are At 24" On Center, Deduct	*-0.89*	
		For Up To 500, Add	*4.13*	
		For >500 To 1,000, Add	*2.86*	
		For >1,000 To 2,000, Add	*1.58*	
		For >2,000 To 5,000, Add	*0.79*	
		For >10,000 To 20,000, Deduct	*-0.30*	
		For >20,000 To 35,000, Deduct	*-0.57*	
		For >35,000 To 50,000, Deduct	*-0.84*	
		For >50,000 To 70,000, Deduct	*-1.11*	
		For >70,000, Deduct	*-1.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0006	SF	7" 3,000 PSI Slab On Grade Concrete Slab Assembly	11.97	
		For 2,000 PSI Concrete, Deduct	*-0.37*	
		For 2,500 PSI Concrete, Deduct	*-0.19*	
		For 3,500 PSI Concrete, Add	*0.13*	
		For 4,000 PSI Concrete, Add	*0.43*	
		For 4,500 PSI Concrete, Add	*0.54*	
		For 5,000 PSI Concrete, Add	*0.63*	
		For Reinforcing Rods Are At 18" On Center, Deduct	*-0.60*	
		For Reinforcing Rods Are At 24" On Center, Deduct	*-0.89*	
		For Up To 500, Add	*4.43*	
		For >500 To 1,000, Add	*3.07*	
		For >1,000 To 2,000, Add	*1.71*	
		For >2,000 To 5,000, Add	*0.85*	
		For >10,000 To 20,000, Deduct	*-0.34*	
		For >20,000 To 35,000, Deduct	*-0.64*	
		For >35,000 To 50,000, Deduct	*-0.94*	
		For >50,000 To 70,000, Deduct	*-1.24*	
		For >70,000, Deduct	*-1.54*	
03 31 13 00-0007	SF	8" 3,000 PSI Slab On Grade Concrete Slab Assembly	12.91	
		For 2,000 PSI Concrete, Deduct	*-0.41*	
		For 2,500 PSI Concrete, Deduct	*-0.21*	
		For 3,500 PSI Concrete, Add	*0.14*	
		For 4,000 PSI Concrete, Add	*0.48*	
		For 4,500 PSI Concrete, Add	*0.60*	
		For 5,000 PSI Concrete, Add	*0.69*	
		For Reinforcing Rods Are At 18" On Center, Deduct	*-0.60*	
		For Reinforcing Rods Are At 24" On Center, Deduct	*-0.89*	
		For Up To 500, Add	*4.71*	
		For >500 To 1,000, Add	*3.26*	
		For >1,000 To 2,000, Add	*1.82*	
		For >2,000 To 5,000, Add	*0.91*	
		For >10,000 To 20,000, Deduct	*-0.38*	
		For >20,000 To 35,000, Deduct	*-0.70*	
		For >35,000 To 50,000, Deduct	*-1.03*	
		For >50,000 To 70,000, Deduct	*-1.35*	
		For >70,000, Deduct	*-1.67*	
03 31 13 00-0008	SF	10" 3,000 PSI Slab On Grade Concrete Slab Assembly	15.32	
		For 2,000 PSI Concrete, Deduct	*-0.52*	
		For 2,500 PSI Concrete, Deduct	*-0.26*	
		For 3,500 PSI Concrete, Add	*0.18*	
		For 4,000 PSI Concrete, Add	*0.60*	
		For 4,500 PSI Concrete, Add	*0.76*	
		For 5,000 PSI Concrete, Add	*0.87*	
		For Reinforcing Rods Are At 18" On Center, Deduct	*-0.60*	
		For Reinforcing Rods Are At 24" On Center, Deduct	*-0.89*	
		For Up To 500, Add	*5.35*	
		For >500 To 1,000, Add	*3.73*	
		For >1,000 To 2,000, Add	*2.10*	
		For >2,000 To 5,000, Add	*1.05*	
		For >10,000 To 20,000, Deduct	*-0.48*	
		For >20,000 To 35,000, Deduct	*-0.86*	
		For >35,000 To 50,000, Deduct	*-1.25*	
		For >50,000 To 70,000, Deduct	*-1.63*	
		For >70,000, Deduct	*-2.01*	
03 31 13 00-0009	SF	12" 3,000 PSI Slab On Grade Concrete Slab Assembly	17.20	
		For 2,000 PSI Concrete, Deduct	*-0.60*	
		For 2,500 PSI Concrete, Deduct	*-0.30*	
		For 3,500 PSI Concrete, Add	*0.21*	
		For 4,000 PSI Concrete, Add	*0.70*	
		For 4,500 PSI Concrete, Add	*0.87*	
		For 5,000 PSI Concrete, Add	*1.01*	
		For Reinforcing Rods Are At 18" On Center, Deduct	*-0.60*	
		For Reinforcing Rods Are At 24" On Center, Deduct	*-0.89*	
		For Up To 500, Add	*5.89*	
		For >500 To 1,000, Add	*4.11*	
		For >1,000 To 2,000, Add	*2.33*	
		For >2,000 To 5,000, Add	*1.17*	
		For >10,000 To 20,000, Deduct	*-0.55*	
		For >20,000 To 35,000, Deduct	*-0.98*	
		For >35,000 To 50,000, Deduct	*-1.41*	
		For >50,000 To 70,000, Deduct	*-1.84*	
		For >70,000, Deduct	*-2.27*	

03 31 13 00-0010 Concrete Delivery And Placement *(03 31 13)*
Note: Includes cleaning out equipment and standard concrete placement tests.

03 31 13 00-0011 Place Concrete By Method Indicated *(03 31 13 00-0010)*
Note: Tasks for concrete placement "By Concrete Pump" exclude the pumping equipment. See CSI section 03 37 16 00-0001 for concrete pumping equipment.

03 31 13 00-0012 Place Concrete Pile Caps *(03 31 13 00-0011)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0013	CY	Crane And Bucket, Place 3,000 PSI Concrete Pile Caps	325.42	
		For 2,000 PSI Concrete, Deduct	*-10.00*	
		For 2,500 PSI Concrete, Deduct	*-5.00*	
		For 3,500 PSI Concrete, Add	*9.26*	
		For 3,750 PSI Concrete, Add	*12.59*	
		For 4,000 PSI Concrete, Add	*15.93*	
		For 4,500 PSI Concrete, Add	*18.52*	
		For 5,000 PSI Concrete, Add	*21.11*	
		For 6,000 PSI Concrete, Add	*50.00*	
		For White Cement Concrete, Add	*22.22*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*24.07*	
		For High Early Strength, Type 3 ASTM C150, Add	*18.52*	
		For Lightweight Aggregate, ASTM C330, Add	*64.82*	
		For Up To 20, Add	*56.09*	
		For >20 To 50, Add	*21.03*	
		For >100 To 200, Deduct	*-6.51*	
		For >200 To 400, Deduct	*-13.02*	
		For >400, Deduct	*-19.53*	
03 31 13 00-0014	CY	Direct Chute, Place 3,000 PSI Concrete Pile Caps	248.99	
		For 2,000 PSI Concrete, Deduct	*-10.00*	
		For 2,500 PSI Concrete, Deduct	*-5.00*	
		For 3,500 PSI Concrete, Add	*9.26*	
		For 3,750 PSI Concrete, Add	*12.59*	
		For 4,000 PSI Concrete, Add	*15.93*	
		For 4,500 PSI Concrete, Add	*18.52*	
		For 5,000 PSI Concrete, Add	*21.11*	
		For 6,000 PSI Concrete, Add	*50.00*	
		For White Cement Concrete, Add	*22.22*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*24.07*	
		For High Early Strength, Type 3 ASTM C150, Add	*18.52*	
		For Lightweight Aggregate, ASTM C330, Add	*64.82*	
		For Up To 20, Add	*25.52*	
		For >20 To 50, Add	*9.57*	
		For >100 To 200, Deduct	*-4.98*	
		For >200 To 400, Deduct	*-9.96*	
		For >400, Deduct	*-14.94*	
03 31 13 00-0015	CY	Concrete Pump, Place 3,000 PSI Concrete Pile Caps Note: Excludes pumping equipment.	261.37	
		For 2,000 PSI Concrete, Deduct	*-10.83*	
		For 2,500 PSI Concrete, Deduct	*-5.42*	
		For 3,500 PSI Concrete, Add	*10.03*	
		For 3,750 PSI Concrete, Add	*13.64*	
		For 4,000 PSI Concrete, Add	*17.25*	
		For 4,500 PSI Concrete, Add	*20.06*	
		For 5,000 PSI Concrete, Add	*22.87*	
		For 6,000 PSI Concrete, Add	*54.17*	
		For White Cement Concrete, Add	*24.07*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*26.08*	
		For High Early Strength, Type 3 ASTM C150, Add	*20.06*	
		For Lightweight Aggregate, ASTM C330, Add	*70.22*	
		For Up To 20, Add	*24.30*	
		For >20 To 50, Add	*9.11*	
		For >100 To 200, Deduct	*-5.23*	
		For >200 To 400, Deduct	*-10.45*	
		For >400, Deduct	*-15.68*	

03 31 13 00-0016 Place Concrete Continuous Footings *(03 31 13 00-0011)*

03 31 13 00-0017	CY	Crane And Bucket, Place 3,000 PSI Concrete Continuous Footings	309.84	
		For 2,000 PSI Concrete, Deduct	*-10.00*	
		For 2,500 PSI Concrete, Deduct	*-5.00*	
		For 3,500 PSI Concrete, Add	*9.26*	
		For 3,750 PSI Concrete, Add	*12.59*	
		For 4,000 PSI Concrete, Add	*15.93*	
		For 4,500 PSI Concrete, Add	*18.52*	
		For 5,000 PSI Concrete, Add	*21.11*	
		For 6,000 PSI Concrete, Add	*50.00*	
		For White Cement Concrete, Add	*22.22*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*24.07*	
		For High Early Strength, Type 3 ASTM C150, Add	*18.52*	
		For Lightweight Aggregate, ASTM C330, Add	*64.82*	
		For Up To 20, Add	*49.86*	
		For >20 To 50, Add	*18.70*	
		For >100 To 200, Deduct	*-6.20*	
		For >200 To 400, Deduct	*-12.39*	
		For >400, Deduct	*-18.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0018	CY	Direct Chute, Place 3,000 PSI Concrete Continuous Footings	241.90	
		For 2,000 PSI Concrete, Deduct	*-10.00*	
		For 2,500 PSI Concrete, Deduct	*-5.00*	
		For 3,500 PSI Concrete, Add	*9.26*	
		For 3,750 PSI Concrete, Add	*12.59*	
		For 4,000 PSI Concrete, Add	*15.93*	
		For 4,500 PSI Concrete, Add	*18.52*	
		For 5,000 PSI Concrete, Add	*21.11*	
		For 6,000 PSI Concrete, Add	*50.00*	
		For White Cement Concrete, Add	*22.22*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*24.07*	
		For High Early Strength, Type 3 ASTM C150, Add	*18.52*	
		For Lightweight Aggregate, ASTM C330, Add	*64.82*	
		For Up To 20, Add	*22.68*	
		For >20 To 50, Add	*8.51*	
		For >100 To 200, Deduct	*-4.84*	
		For >200 To 400, Deduct	*-9.68*	
		For >400, Deduct	*-14.51*	
03 31 13 00-0019	CY	Concrete Pump, Place 3,000 PSI Concrete Continuous Footings Note: Excludes pumping equipment.	254.62	
		For 2,000 PSI Concrete, Deduct	*-10.83*	
		For 2,500 PSI Concrete, Deduct	*-5.42*	
		For 3,500 PSI Concrete, Add	*10.03*	
		For 3,750 PSI Concrete, Add	*13.64*	
		For 4,000 PSI Concrete, Add	*17.25*	
		For 4,500 PSI Concrete, Add	*20.06*	
		For 5,000 PSI Concrete, Add	*22.87*	
		For 6,000 PSI Concrete, Add	*54.17*	
		For White Cement Concrete, Add	*24.07*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*26.08*	
		For High Early Strength, Type 3 ASTM C150, Add	*20.06*	
		For Lightweight Aggregate, ASTM C330, Add	*70.22*	
		For Up To 20, Add	*21.60*	
		For >20 To 50, Add	*8.10*	
		For >100 To 200, Deduct	*-5.09*	
		For >200 To 400, Deduct	*-10.18*	
		For >400, Deduct	*-15.28*	

03 31 13 00-0020 Place Concrete Spread Footings *(03 31 13 00-0011)*

03 31 13 00-0021	CY	Crane And Bucket, Place 3,000 PSI Concrete Spread Footings	395.54	
		For 2,000 PSI Concrete, Deduct	*-10.00*	
		For 2,500 PSI Concrete, Deduct	*-5.00*	
		For 3,500 PSI Concrete, Add	*9.26*	
		For 3,750 PSI Concrete, Add	*12.59*	
		For 4,000 PSI Concrete, Add	*15.93*	
		For 4,500 PSI Concrete, Add	*18.52*	
		For 5,000 PSI Concrete, Add	*21.11*	
		For 6,000 PSI Concrete, Add	*50.00*	
		For White Cement Concrete, Add	*22.22*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*24.07*	
		For High Early Strength, Type 3 ASTM C150, Add	*18.52*	
		For Lightweight Aggregate, ASTM C330, Add	*64.82*	
		For Up To 20, Add	*84.14*	
		For >20 To 50, Add	*31.55*	
		For >100 To 200, Deduct	*-7.91*	
		For >200 To 400, Deduct	*-15.82*	
		For >400, Deduct	*-23.73*	
03 31 13 00-0022	CY	Direct Chute, Place 3,000 PSI Concrete Spread Footings	280.89	
		For 2,000 PSI Concrete, Deduct	*-10.00*	
		For 2,500 PSI Concrete, Deduct	*-5.00*	
		For 3,500 PSI Concrete, Add	*9.26*	
		For 3,750 PSI Concrete, Add	*12.59*	
		For 4,000 PSI Concrete, Add	*15.93*	
		For 4,500 PSI Concrete, Add	*18.52*	
		For 5,000 PSI Concrete, Add	*21.11*	
		For 6,000 PSI Concrete, Add	*50.00*	
		For White Cement Concrete, Add	*22.22*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*24.07*	
		For High Early Strength, Type 3 ASTM C150, Add	*18.52*	
		For Lightweight Aggregate, ASTM C330, Add	*64.82*	
		For Up To 20, Add	*38.28*	
		For >20 To 50, Add	*14.36*	
		For >100 To 200, Deduct	*-5.62*	
		For >200 To 400, Deduct	*-11.24*	
		For >400, Deduct	*-16.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0023	CY	Concrete Pump, Place 3,000 PSI Concrete Spread Footings Note: Excludes pumping equipment.	291.76	
		For 2,000 PSI Concrete, Deduct	*-10.83*	
		For 2,500 PSI Concrete, Deduct	*-5.42*	
		For 3,500 PSI Concrete, Add	*10.03*	
		For 3,750 PSI Concrete, Add	*13.64*	
		For 4,000 PSI Concrete, Add	*17.25*	
		For 4,500 PSI Concrete, Add	*20.06*	
		For 5,000 PSI Concrete, Add	*22.87*	
		For 6,000 PSI Concrete, Add	*54.17*	
		For White Cement Concrete, Add	*24.07*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*26.08*	
		For High Early Strength, Type 3 ASTM C150, Add	*20.06*	
		For Lightweight Aggregate, ASTM C330, Add	*70.22*	
		For Up To 20, Add	*36.46*	
		For >20 To 50, Add	*13.67*	
		For >100 To 200, Deduct	*-5.84*	
		For >200 To 400, Deduct	*-11.67*	
		For >400, Deduct	*-17.51*	

03 31 13 00-0024 Place Concrete Mat Foundation *(03 31 13 00-0011)*

03 31 13 00-0025	CY	Crane And Bucket, Place 3,000 PSI Concrete Mat Foundation	222.58	
		For 2,000 PSI Concrete, Deduct	*-10.00*	
		For 2,500 PSI Concrete, Deduct	*-5.00*	
		For 3,500 PSI Concrete, Add	*9.26*	
		For 3,750 PSI Concrete, Add	*12.59*	
		For 4,000 PSI Concrete, Add	*15.93*	
		For 4,500 PSI Concrete, Add	*18.52*	
		For 5,000 PSI Concrete, Add	*21.11*	
		For 6,000 PSI Concrete, Add	*50.00*	
		For White Cement Concrete, Add	*22.22*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*24.07*	
		For High Early Strength, Type 3 ASTM C150, Add	*18.52*	
		For Lightweight Aggregate, ASTM C330, Add	*64.82*	
		For Up To 20, Add	*14.96*	
		For >20 To 50, Add	*5.61*	
		For >100 To 200, Deduct	*-4.45*	
		For >200 To 400, Deduct	*-8.90*	
		For >400, Deduct	*-13.35*	
03 31 13 00-0026	CY	Direct Chute, Place 3,000 PSI Concrete Mat Foundation	202.21	
		For 2,000 PSI Concrete, Deduct	*-10.00*	
		For 2,500 PSI Concrete, Deduct	*-5.00*	
		For 3,500 PSI Concrete, Add	*9.26*	
		For 3,750 PSI Concrete, Add	*12.59*	
		For 4,000 PSI Concrete, Add	*15.93*	
		For 4,500 PSI Concrete, Add	*18.52*	
		For 5,000 PSI Concrete, Add	*21.11*	
		For 6,000 PSI Concrete, Add	*50.00*	
		For White Cement Concrete, Add	*22.22*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*24.07*	
		For High Early Strength, Type 3 ASTM C150, Add	*18.52*	
		For Lightweight Aggregate, ASTM C330, Add	*64.82*	
		For Up To 20, Add	*6.81*	
		For >20 To 50, Add	*2.55*	
		For >100 To 200, Deduct	*-4.04*	
		For >200 To 400, Deduct	*-8.09*	
		For >400, Deduct	*-12.13*	
03 31 13 00-0027	CY	Concrete Pump, Place 3,000 PSI Concrete Mat Foundation Note: Excludes pumping equipment.	214.79	
		For 2,000 PSI Concrete, Deduct	*-10.83*	
		For 2,500 PSI Concrete, Deduct	*-5.42*	
		For 3,500 PSI Concrete, Add	*10.03*	
		For 3,750 PSI Concrete, Add	*13.64*	
		For 4,000 PSI Concrete, Add	*17.25*	
		For 4,500 PSI Concrete, Add	*20.06*	
		For 5,000 PSI Concrete, Add	*22.87*	
		For 6,000 PSI Concrete, Add	*54.17*	
		For White Cement Concrete, Add	*24.07*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*26.08*	
		For High Early Strength, Type 3 ASTM C150, Add	*20.06*	
		For Lightweight Aggregate, ASTM C330, Add	*70.22*	
		For Up To 20, Add	*5.67*	
		For >20 To 50, Add	*2.13*	
		For >100 To 200, Deduct	*-4.30*	
		For >200 To 400, Deduct	*-8.59*	
		For >400, Deduct	*-12.89*	

03 31 13 00-0028 Place Concrete Grade Beams *(03 31 13 00-0011)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0029	CY	Crane And Bucket, Place 3,000 PSI Concrete Grade Beams	284.91	
		For 2,000 PSI Concrete, Deduct	*-10.00*	
		For 2,500 PSI Concrete, Deduct	*-5.00*	
		For 3,500 PSI Concrete, Add	*9.26*	
		For 3,750 PSI Concrete, Add	*12.59*	
		For 4,000 PSI Concrete, Add	*15.93*	
		For 4,500 PSI Concrete, Add	*18.52*	
		For 5,000 PSI Concrete, Add	*21.11*	
		For 6,000 PSI Concrete, Add	*50.00*	
		For White Cement Concrete, Add	*22.22*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*24.07*	
		For High Early Strength, Type 3 ASTM C150, Add	*18.52*	
		For Lightweight Aggregate, ASTM C330, Add	*64.82*	
		For Up To 20, Add	*39.89*	
		For >20 To 50, Add	*14.96*	
		For >100 To 200, Deduct	*-5.70*	
		For >200 To 400, Deduct	*-11.40*	
		For >400, Deduct	*-17.09*	
03 31 13 00-0030	CY	Direct Chute, Place 3,000 PSI Concrete Grade Beams	230.55	
		For 2,000 PSI Concrete, Deduct	*-10.00*	
		For 2,500 PSI Concrete, Deduct	*-5.00*	
		For 3,500 PSI Concrete, Add	*9.26*	
		For 3,750 PSI Concrete, Add	*12.59*	
		For 4,000 PSI Concrete, Add	*15.93*	
		For 4,500 PSI Concrete, Add	*18.52*	
		For 5,000 PSI Concrete, Add	*21.11*	
		For 6,000 PSI Concrete, Add	*50.00*	
		For White Cement Concrete, Add	*22.22*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*24.07*	
		For High Early Strength, Type 3 ASTM C150, Add	*18.52*	
		For Lightweight Aggregate, ASTM C330, Add	*64.82*	
		For Up To 20, Add	*18.14*	
		For >20 To 50, Add	*6.80*	
		For >100 To 200, Deduct	*-4.61*	
		For >200 To 400, Deduct	*-9.22*	
		For >400, Deduct	*-13.83*	
03 31 13 00-0031	CY	Concrete Pump, Place 3,000 PSI Concrete Grade Beams Note: Excludes pumping equipment.	243.83	
		For 2,000 PSI Concrete, Deduct	*-10.83*	
		For 2,500 PSI Concrete, Deduct	*-5.42*	
		For 3,500 PSI Concrete, Add	*10.03*	
		For 3,750 PSI Concrete, Add	*13.64*	
		For 4,000 PSI Concrete, Add	*17.25*	
		For 4,500 PSI Concrete, Add	*20.06*	
		For 5,000 PSI Concrete, Add	*22.87*	
		For 6,000 PSI Concrete, Add	*54.17*	
		For White Cement Concrete, Add	*24.07*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*26.08*	
		For High Early Strength, Type 3 ASTM C150, Add	*20.06*	
		For Lightweight Aggregate, ASTM C330, Add	*70.22*	
		For Up To 20, Add	*17.28*	
		For >20 To 50, Add	*6.48*	
		For >100 To 200, Deduct	*-4.88*	
		For >200 To 400, Deduct	*-9.75*	
		For >400, Deduct	*-14.63*	

03 31 13 00-0032 Place Concrete Slab On Grade *(03 31 13 00-0011)*

03 31 13 00-0033	CY	Up To 6", By Crane And Bucket, Place 3,000 PSI Concrete Slab On Grade	287.25	
		For 2,000 PSI Concrete, Deduct	*-10.00*	
		For 2,500 PSI Concrete, Deduct	*-5.00*	
		For 3,500 PSI Concrete, Add	*9.26*	
		For 3,750 PSI Concrete, Add	*12.59*	
		For 4,000 PSI Concrete, Add	*15.93*	
		For 4,500 PSI Concrete, Add	*18.52*	
		For 5,000 PSI Concrete, Add	*21.11*	
		For 6,000 PSI Concrete, Add	*50.00*	
		For White Cement Concrete, Add	*22.22*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*24.07*	
		For High Early Strength, Type 3 ASTM C150, Add	*18.52*	
		For Lightweight Aggregate, ASTM C330, Add	*64.82*	
		For Up To 20, Add	*40.82*	
		For >20 To 50, Add	*15.31*	
		For >100 To 200, Deduct	*-5.75*	
		For >200 To 400, Deduct	*-11.49*	
		For >400, Deduct	*-17.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0034	CY	>6", By Crane And Bucket, Place 3,000 PSI Concrete Slab On Grade	262.64	
		For 2,000 PSI Concrete, Deduct	*-10.00*	
		For 2,500 PSI Concrete, Deduct	*-5.00*	
		For 3,500 PSI Concrete, Add	*9.26*	
		For 3,750 PSI Concrete, Add	*12.59*	
		For 4,000 PSI Concrete, Add	*15.93*	
		For 4,500 PSI Concrete, Add	*18.52*	
		For 5,000 PSI Concrete, Add	*21.11*	
		For 6,000 PSI Concrete, Add	*50.00*	
		For White Cement Concrete, Add	*22.22*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*24.07*	
		For High Early Strength, Type 3 ASTM C150, Add	*18.52*	
		For Lightweight Aggregate, ASTM C330, Add	*64.82*	
		For Up To 20, Add	*30.98*	
		For >20 To 50, Add	*11.62*	
		For >100 To 200, Deduct	*-5.25*	
		For >200 To 400, Deduct	*-10.51*	
		For >400, Deduct	*-15.76*	
03 31 13 00-0035	CY	Up To 6", By Direct Chute, Place 3,000 PSI Concrete Slab On Grade	231.63	
		For 2,000 PSI Concrete, Deduct	*-10.00*	
		For 2,500 PSI Concrete, Deduct	*-5.00*	
		For 3,500 PSI Concrete, Add	*9.26*	
		For 3,750 PSI Concrete, Add	*12.59*	
		For 4,000 PSI Concrete, Add	*15.93*	
		For 4,500 PSI Concrete, Add	*18.52*	
		For 5,000 PSI Concrete, Add	*21.11*	
		For 6,000 PSI Concrete, Add	*50.00*	
		For White Cement Concrete, Add	*22.22*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*24.07*	
		For High Early Strength, Type 3 ASTM C150, Add	*18.52*	
		For Lightweight Aggregate, ASTM C330, Add	*64.82*	
		For Up To 20, Add	*18.58*	
		For >20 To 50, Add	*6.97*	
		For >100 To 200, Deduct	*-4.63*	
		For >200 To 400, Deduct	*-9.27*	
		For >400, Deduct	*-13.90*	
03 31 13 00-0036	CY	>6", By Direct Chute, Place 3,000 PSI Concrete Slab On Grade	220.42	
		For 2,000 PSI Concrete, Deduct	*-10.00*	
		For 2,500 PSI Concrete, Deduct	*-5.00*	
		For 3,500 PSI Concrete, Add	*9.26*	
		For 3,750 PSI Concrete, Add	*12.59*	
		For 4,000 PSI Concrete, Add	*15.93*	
		For 4,500 PSI Concrete, Add	*18.52*	
		For 5,000 PSI Concrete, Add	*21.11*	
		For 6,000 PSI Concrete, Add	*50.00*	
		For White Cement Concrete, Add	*22.22*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*24.07*	
		For High Early Strength, Type 3 ASTM C150, Add	*18.52*	
		For Lightweight Aggregate, ASTM C330, Add	*64.82*	
		For Up To 20, Add	*14.09*	
		For >20 To 50, Add	*5.28*	
		For >100 To 200, Deduct	*-4.41*	
		For >200 To 400, Deduct	*-8.82*	
		For >400, Deduct	*-13.23*	
03 31 13 00-0037	CY	Up To 6", By Concrete Pump, Place 3,000 PSI Concrete Slab On Grade Note: Excludes pumping equipment.	239.32	
		For 2,000 PSI Concrete, Deduct	*-10.83*	
		For 2,500 PSI Concrete, Deduct	*-5.42*	
		For 3,500 PSI Concrete, Add	*10.03*	
		For 3,750 PSI Concrete, Add	*13.64*	
		For 4,000 PSI Concrete, Add	*17.25*	
		For 4,500 PSI Concrete, Add	*20.06*	
		For 5,000 PSI Concrete, Add	*22.87*	
		For 6,000 PSI Concrete, Add	*54.17*	
		For White Cement Concrete, Add	*24.07*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*26.08*	
		For High Early Strength, Type 3 ASTM C150, Add	*20.06*	
		For Lightweight Aggregate, ASTM C330, Add	*70.22*	
		For Up To 20, Add	*15.48*	
		For >20 To 50, Add	*5.81*	
		For >100 To 200, Deduct	*-4.79*	
		For >200 To 400, Deduct	*-9.57*	
		For >400, Deduct	*-14.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0038	CY	>6", By Concrete Pump, Place 3,000 PSI Concrete Slab On Grade Note: Excludes pumping equipment.	229.98	
		For 2,000 PSI Concrete, Deduct	*-10.83*	
		For 2,500 PSI Concrete, Deduct	*-5.42*	
		For 3,500 PSI Concrete, Add	*10.03*	
		For 3,750 PSI Concrete, Add	*13.64*	
		For 4,000 PSI Concrete, Add	*17.25*	
		For 4,500 PSI Concrete, Add	*20.06*	
		For 5,000 PSI Concrete, Add	*22.87*	
		For 6,000 PSI Concrete, Add	*54.17*	
		For White Cement Concrete, Add	*24.07*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*26.08*	
		For High Early Strength, Type 3 ASTM C150, Add	*20.06*	
		For Lightweight Aggregate, ASTM C330, Add	*70.22*	
		For Up To 20, Add	*11.74*	
		For >20 To 50, Add	*4.40*	
		For >100 To 200, Deduct	*-4.60*	
		For >200 To 400, Deduct	*-9.20*	
		For >400, Deduct	*-13.80*	
03 31 13 00-0039		Place Concrete Stairs *(03 31 13 00-0011)*		
03 31 13 00-0040	CY	Crane And Bucket, Place 3,000 PSI On Grade Concrete Stairs	644.40	
		For 2,000 PSI Concrete, Deduct	*-10.00*	
		For 2,500 PSI Concrete, Deduct	*-5.00*	
		For 3,500 PSI Concrete, Add	*9.26*	
		For 3,750 PSI Concrete, Add	*12.59*	
		For 4,000 PSI Concrete, Add	*15.93*	
		For 4,500 PSI Concrete, Add	*18.52*	
		For 5,000 PSI Concrete, Add	*21.11*	
		For 6,000 PSI Concrete, Add	*50.00*	
		For White Cement Concrete, Add	*22.22*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*24.07*	
		For High Early Strength, Type 3 ASTM C150, Add	*18.52*	
		For Lightweight Aggregate, ASTM C330, Add	*64.82*	
		For Up To 20, Add	*183.68*	
		For >20 To 50, Add	*68.88*	
		For >100 To 200, Deduct	*-12.89*	
		For >200 To 400, Deduct	*-25.78*	
		For >400, Deduct	*-38.66*	
03 31 13 00-0041	CY	Direct Chute, Place 3,000 PSI On Grade Concrete Stairs	394.14	
		For 2,000 PSI Concrete, Deduct	*-10.00*	
		For 2,500 PSI Concrete, Deduct	*-5.00*	
		For 3,500 PSI Concrete, Add	*9.26*	
		For 3,750 PSI Concrete, Add	*12.59*	
		For 4,000 PSI Concrete, Add	*15.93*	
		For 4,500 PSI Concrete, Add	*18.52*	
		For 5,000 PSI Concrete, Add	*21.11*	
		For 6,000 PSI Concrete, Add	*50.00*	
		For White Cement Concrete, Add	*22.22*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*24.07*	
		For High Early Strength, Type 3 ASTM C150, Add	*18.52*	
		For Lightweight Aggregate, ASTM C330, Add	*64.82*	
		For Up To 20, Add	*83.58*	
		For >20 To 50, Add	*31.34*	
		For >100 To 200, Deduct	*-7.88*	
		For >200 To 400, Deduct	*-15.77*	
		For >400, Deduct	*-23.65*	
03 31 13 00-0042	CY	Concrete Pump, Place 3,000 PSI On Grade Concrete Stairs Note: Excludes pumping equipment.	374.76	
		For 2,000 PSI Concrete, Deduct	*-10.83*	
		For 2,500 PSI Concrete, Deduct	*-5.42*	
		For 3,500 PSI Concrete, Add	*10.03*	
		For 3,750 PSI Concrete, Add	*13.64*	
		For 4,000 PSI Concrete, Add	*17.25*	
		For 4,500 PSI Concrete, Add	*20.06*	
		For 5,000 PSI Concrete, Add	*22.87*	
		For 6,000 PSI Concrete, Add	*54.17*	
		For White Cement Concrete, Add	*24.07*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*26.08*	
		For High Early Strength, Type 3 ASTM C150, Add	*20.06*	
		For Lightweight Aggregate, ASTM C330, Add	*70.22*	
		For Up To 20, Add	*69.66*	
		For >20 To 50, Add	*26.12*	
		For >100 To 200, Deduct	*-7.50*	
		For >200 To 400, Deduct	*-14.99*	
		For >400, Deduct	*-22.49*	
03 31 13 00-0043		Place Concrete Superstructure By Method Indicated *(03 31 13 00-0010)* See CSI section 03 37 16 00-0001 for concrete pump truck.		
03 31 13 00-0044		Place Elevated Concrete Beams *(03 31 13 00-0043)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0045	CY	Crane And Bucket, Place 3,000 PSI Elevated Concrete Beams	434.50	
		For 2,000 PSI Concrete, Deduct	*-10.00*	
		For 2,500 PSI Concrete, Deduct	*-5.00*	
		For 3,500 PSI Concrete, Add	*9.26*	
		For 3,750 PSI Concrete, Add	*12.59*	
		For 4,000 PSI Concrete, Add	*15.93*	
		For 4,500 PSI Concrete, Add	*18.52*	
		For 5,000 PSI Concrete, Add	*21.11*	
		For 6,000 PSI Concrete, Add	*50.00*	
		For White Cement Concrete, Add	*22.22*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*24.07*	
		For High Early Strength, Type 3 ASTM C150, Add	*18.52*	
		For Lightweight Aggregate, ASTM C330, Add	*64.82*	
		For Up To 20, Add	*99.72*	
		For >20 To 50, Add	*37.40*	
		For >100 To 200, Deduct	*-8.69*	
		For >200 To 400, Deduct	*-17.38*	
		For >400, Deduct	*-26.07*	
03 31 13 00-0046	CY	Concrete Pump, Place 3,000 PSI Elevated Concrete Beams Note: Excludes pumping equipment.	308.64	
		For 2,000 PSI Concrete, Deduct	*-10.83*	
		For 2,500 PSI Concrete, Deduct	*-5.42*	
		For 3,500 PSI Concrete, Add	*10.03*	
		For 3,750 PSI Concrete, Add	*13.64*	
		For 4,000 PSI Concrete, Add	*17.25*	
		For 4,500 PSI Concrete, Add	*20.06*	
		For 5,000 PSI Concrete, Add	*22.87*	
		For 6,000 PSI Concrete, Add	*54.17*	
		For White Cement Concrete, Add	*24.07*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*26.08*	
		For High Early Strength, Type 3 ASTM C150, Add	*20.06*	
		For Lightweight Aggregate, ASTM C330, Add	*70.22*	
		For Up To 20, Add	*43.21*	
		For >20 To 50, Add	*16.20*	
		For >100 To 200, Deduct	*-6.17*	
		For >200 To 400, Deduct	*-12.35*	
		For >400, Deduct	*-18.52*	

03 31 13 00-0047 Place Elevated Concrete Slab *(03 31 13 00-0043)*

03 31 13 00-0048	CY	Up To 6", By Crane And Bucket, Place 3,000 PSI Elevated Concrete Slab	302.56	
		For 2,000 PSI Concrete, Deduct	*-10.00*	
		For 2,500 PSI Concrete, Deduct	*-5.00*	
		For 3,500 PSI Concrete, Add	*9.26*	
		For 3,750 PSI Concrete, Add	*12.59*	
		For 4,000 PSI Concrete, Add	*15.93*	
		For 4,500 PSI Concrete, Add	*18.52*	
		For 5,000 PSI Concrete, Add	*21.11*	
		For 6,000 PSI Concrete, Add	*50.00*	
		For White Cement Concrete, Add	*22.22*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*24.07*	
		For High Early Strength, Type 3 ASTM C150, Add	*18.52*	
		For Lightweight Aggregate, ASTM C330, Add	*64.82*	
		For Up To 20, Add	*46.95*	
		For >20 To 50, Add	*17.61*	
		For >100 To 200, Deduct	*-6.05*	
		For >200 To 400, Deduct	*-12.10*	
		For >400, Deduct	*-18.15*	
03 31 13 00-0049	CY	>6", By Crane And Bucket, Place 3,000 PSI Elevated Concrete Slab	274.24	
		For 2,000 PSI Concrete, Deduct	*-10.00*	
		For 2,500 PSI Concrete, Deduct	*-5.00*	
		For 3,500 PSI Concrete, Add	*9.26*	
		For 3,750 PSI Concrete, Add	*12.59*	
		For 4,000 PSI Concrete, Add	*15.93*	
		For 4,500 PSI Concrete, Add	*18.52*	
		For 5,000 PSI Concrete, Add	*21.11*	
		For 6,000 PSI Concrete, Add	*50.00*	
		For White Cement Concrete, Add	*22.22*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*24.07*	
		For High Early Strength, Type 3 ASTM C150, Add	*18.52*	
		For Lightweight Aggregate, ASTM C330, Add	*64.82*	
		For Up To 20, Add	*35.62*	
		For >20 To 50, Add	*13.36*	
		For >100 To 200, Deduct	*-5.48*	
		For >200 To 400, Deduct	*-10.97*	
		For >400, Deduct	*-16.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0050	CY	Up To 6", By Concrete Pump, Place 3,000 PSI Elevated Concrete Slab Note: Excludes pumping equipment.	251.47	
		For 2,000 PSI Concrete, Deduct	*-10.83*	
		For 2,500 PSI Concrete, Deduct	*-5.42*	
		For 3,500 PSI Concrete, Add	*10.03*	
		For 3,750 PSI Concrete, Add	*13.64*	
		For 4,000 PSI Concrete, Add	*17.25*	
		For 4,500 PSI Concrete, Add	*20.06*	
		For 5,000 PSI Concrete, Add	*22.87*	
		For 6,000 PSI Concrete, Add	*54.17*	
		For White Cement Concrete, Add	*24.07*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*26.08*	
		For High Early Strength, Type 3 ASTM C150, Add	*20.06*	
		For Lightweight Aggregate, ASTM C330, Add	*70.22*	
		For Up To 20, Add	*20.34*	
		For >20 To 50, Add	*7.63*	
		For >100 To 200, Deduct	*-5.03*	
		For >200 To 400, Deduct	*-10.06*	
		For >400, Deduct	*-15.09*	
03 31 13 00-0051	CY	>6", By Concrete Pump, Place 3,000 PSI Elevated Concrete Slab Note: Excludes pumping equipment.	239.20	
		For 2,000 PSI Concrete, Deduct	*-10.83*	
		For 2,500 PSI Concrete, Deduct	*-5.42*	
		For 3,500 PSI Concrete, Add	*10.03*	
		For 3,750 PSI Concrete, Add	*13.64*	
		For 4,000 PSI Concrete, Add	*17.25*	
		For 4,500 PSI Concrete, Add	*20.06*	
		For 5,000 PSI Concrete, Add	*22.87*	
		For 6,000 PSI Concrete, Add	*54.17*	
		For White Cement Concrete, Add	*24.07*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*26.08*	
		For High Early Strength, Type 3 ASTM C150, Add	*20.06*	
		For Lightweight Aggregate, ASTM C330, Add	*70.22*	
		For Up To 20, Add	*15.43*	
		For >20 To 50, Add	*5.79*	
		For >100 To 200, Deduct	*-4.78*	
		For >200 To 400, Deduct	*-9.57*	
		For >400, Deduct	*-14.35*	

03 31 13 00-0052 Place Concrete Columns *(03 31 13 00-0043)*

03 31 13 00-0053	CY	12" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns	454.44	
		For 2,000 PSI Concrete, Deduct	*-10.00*	
		For 2,500 PSI Concrete, Deduct	*-5.00*	
		For 3,500 PSI Concrete, Add	*9.26*	
		For 3,750 PSI Concrete, Add	*12.59*	
		For 4,000 PSI Concrete, Add	*15.93*	
		For 4,500 PSI Concrete, Add	*18.52*	
		For 5,000 PSI Concrete, Add	*21.11*	
		For 6,000 PSI Concrete, Add	*50.00*	
		For White Cement Concrete, Add	*22.22*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*24.07*	
		For High Early Strength, Type 3 ASTM C150, Add	*18.52*	
		For Lightweight Aggregate, ASTM C330, Add	*64.82*	
		For Up To 20, Add	*107.70*	
		For >20 To 50, Add	*40.39*	
		For >100 To 200, Deduct	*-9.09*	
		For >200 To 400, Deduct	*-18.18*	
		For >400, Deduct	*-27.27*	
03 31 13 00-0054	CY	18" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns	380.90	
		For 2,000 PSI Concrete, Deduct	*-10.00*	
		For 2,500 PSI Concrete, Deduct	*-5.00*	
		For 3,500 PSI Concrete, Add	*9.26*	
		For 3,750 PSI Concrete, Add	*12.59*	
		For 4,000 PSI Concrete, Add	*15.93*	
		For 4,500 PSI Concrete, Add	*18.52*	
		For 5,000 PSI Concrete, Add	*21.11*	
		For 6,000 PSI Concrete, Add	*50.00*	
		For White Cement Concrete, Add	*22.22*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*24.07*	
		For High Early Strength, Type 3 ASTM C150, Add	*18.52*	
		For Lightweight Aggregate, ASTM C330, Add	*64.82*	
		For Up To 20, Add	*78.28*	
		For >20 To 50, Add	*29.36*	
		For >100 To 200, Deduct	*-7.62*	
		For >200 To 400, Deduct	*-15.24*	
		For >400, Deduct	*-22.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0055	CY	24" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns	328.29	
		For 2,000 PSI Concrete, Deduct	*-10.00*	
		For 2,500 PSI Concrete, Deduct	*-5.00*	
		For 3,500 PSI Concrete, Add	*9.26*	
		For 3,750 PSI Concrete, Add	*12.59*	
		For 4,000 PSI Concrete, Add	*15.93*	
		For 4,500 PSI Concrete, Add	*18.52*	
		For 5,000 PSI Concrete, Add	*21.11*	
		For 6,000 PSI Concrete, Add	*50.00*	
		For White Cement Concrete, Add	*22.22*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*24.07*	
		For High Early Strength, Type 3 ASTM C150, Add	*18.52*	
		For Lightweight Aggregate, ASTM C330, Add	*64.82*	
		For Up To 20, Add	*57.24*	
		For >20 To 50, Add	*21.47*	
		For >100 To 200, Deduct	*-6.57*	
		For >200 To 400, Deduct	*-13.13*	
		For >400, Deduct	*-19.70*	
03 31 13 00-0056	CY	36" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns	304.86	
		For 2,000 PSI Concrete, Deduct	*-10.00*	
		For 2,500 PSI Concrete, Deduct	*-5.00*	
		For 3,500 PSI Concrete, Add	*9.26*	
		For 3,750 PSI Concrete, Add	*12.59*	
		For 4,000 PSI Concrete, Add	*15.93*	
		For 4,500 PSI Concrete, Add	*18.52*	
		For 5,000 PSI Concrete, Add	*21.11*	
		For 6,000 PSI Concrete, Add	*50.00*	
		For White Cement Concrete, Add	*22.22*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*24.07*	
		For High Early Strength, Type 3 ASTM C150, Add	*18.52*	
		For Lightweight Aggregate, ASTM C330, Add	*64.82*	
		For Up To 20, Add	*47.87*	
		For >20 To 50, Add	*17.95*	
		For >100 To 200, Deduct	*-6.10*	
		For >200 To 400, Deduct	*-12.19*	
		For >400, Deduct	*-18.29*	
03 31 13 00-0057	CY	12" Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns Note: Excludes pumping equipment.	317.28	
		For 2,000 PSI Concrete, Deduct	*-10.83*	
		For 2,500 PSI Concrete, Deduct	*-5.42*	
		For 3,500 PSI Concrete, Add	*10.03*	
		For 3,750 PSI Concrete, Add	*13.64*	
		For 4,000 PSI Concrete, Add	*17.25*	
		For 4,500 PSI Concrete, Add	*20.06*	
		For 5,000 PSI Concrete, Add	*22.87*	
		For 6,000 PSI Concrete, Add	*54.17*	
		For White Cement Concrete, Add	*24.07*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*26.08*	
		For High Early Strength, Type 3 ASTM C150, Add	*20.06*	
		For Lightweight Aggregate, ASTM C330, Add	*70.22*	
		For Up To 20, Add	*46.66*	
		For >20 To 50, Add	*17.50*	
		For >100 To 200, Deduct	*-6.35*	
		For >200 To 400, Deduct	*-12.69*	
		For >400, Deduct	*-19.04*	
03 31 13 00-0058	CY	18" Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns Note: Excludes pumping equipment.	285.41	
		For 2,000 PSI Concrete, Deduct	*-10.83*	
		For 2,500 PSI Concrete, Deduct	*-5.42*	
		For 3,500 PSI Concrete, Add	*10.03*	
		For 3,750 PSI Concrete, Add	*13.64*	
		For 4,000 PSI Concrete, Add	*17.25*	
		For 4,500 PSI Concrete, Add	*20.06*	
		For 5,000 PSI Concrete, Add	*22.87*	
		For 6,000 PSI Concrete, Add	*54.17*	
		For White Cement Concrete, Add	*24.07*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*26.08*	
		For High Early Strength, Type 3 ASTM C150, Add	*20.06*	
		For Lightweight Aggregate, ASTM C330, Add	*70.22*	
		For Up To 20, Add	*33.92*	
		For >20 To 50, Add	*12.72*	
		For >100 To 200, Deduct	*-5.71*	
		For >200 To 400, Deduct	*-11.42*	
		For >400, Deduct	*-17.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0059	CY	24" Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns Note: Excludes pumping equipment.	262.62	
		For 2,000 PSI Concrete, Deduct	*-10.83*	
		For 2,500 PSI Concrete, Deduct	*-5.42*	
		For 3,500 PSI Concrete, Add	*10.03*	
		For 3,750 PSI Concrete, Add	*13.64*	
		For 4,000 PSI Concrete, Add	*17.25*	
		For 4,500 PSI Concrete, Add	*20.06*	
		For 5,000 PSI Concrete, Add	*22.87*	
		For 6,000 PSI Concrete, Add	*54.17*	
		For White Cement Concrete, Add	*24.07*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*26.08*	
		For High Early Strength, Type 3 ASTM C150, Add	*20.06*	
		For Lightweight Aggregate, ASTM C330, Add	*70.22*	
		For Up To 20, Add	*24.80*	
		For >20 To 50, Add	*9.30*	
		For >100 To 200, Deduct	*-5.25*	
		For >200 To 400, Deduct	*-10.50*	
		For >400, Deduct	*-15.76*	
03 31 13 00-0060	CY	36" Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns Note: Excludes pumping equipment.	252.47	
		For 2,000 PSI Concrete, Deduct	*-10.83*	
		For 2,500 PSI Concrete, Deduct	*-5.42*	
		For 3,500 PSI Concrete, Add	*10.03*	
		For 3,750 PSI Concrete, Add	*13.64*	
		For 4,000 PSI Concrete, Add	*17.25*	
		For 4,500 PSI Concrete, Add	*20.06*	
		For 5,000 PSI Concrete, Add	*22.87*	
		For 6,000 PSI Concrete, Add	*54.17*	
		For White Cement Concrete, Add	*24.07*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*26.08*	
		For High Early Strength, Type 3 ASTM C150, Add	*20.06*	
		For Lightweight Aggregate, ASTM C330, Add	*70.22*	
		For Up To 20, Add	*20.74*	
		For >20 To 50, Add	*7.78*	
		For >100 To 200, Deduct	*-5.05*	
		For >200 To 400, Deduct	*-10.10*	
		For >400, Deduct	*-15.15*	

03 31 13 00-0061 Place Concrete Walls *(03 31 13 00-0043)*

03 31 13 00-0062	CY	Up To 8" Thick, By Crane And Bucket, Place 3,000 PSI Concrete Walls	437.61	
		For 2,000 PSI Concrete, Deduct	*-10.00*	
		For 2,500 PSI Concrete, Deduct	*-5.00*	
		For 3,500 PSI Concrete, Add	*9.26*	
		For 3,750 PSI Concrete, Add	*12.59*	
		For 4,000 PSI Concrete, Add	*15.93*	
		For 4,500 PSI Concrete, Add	*18.52*	
		For 5,000 PSI Concrete, Add	*21.11*	
		For 6,000 PSI Concrete, Add	*50.00*	
		For White Cement Concrete, Add	*22.22*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*24.07*	
		For High Early Strength, Type 3 ASTM C150, Add	*18.52*	
		For Lightweight Aggregate, ASTM C330, Add	*64.82*	
		For Up To 20, Add	*100.97*	
		For >20 To 50, Add	*37.86*	
		For >100 To 200, Deduct	*-8.75*	
		For >200 To 400, Deduct	*-17.50*	
		For >400, Deduct	*-26.26*	
03 31 13 00-0063	CY	12" Thick, By Crane And Bucket, Place 3,000 PSI Concrete Walls	416.68	
		For 2,000 PSI Concrete, Deduct	*-10.00*	
		For 2,500 PSI Concrete, Deduct	*-5.00*	
		For 3,500 PSI Concrete, Add	*9.26*	
		For 3,750 PSI Concrete, Add	*12.59*	
		For 4,000 PSI Concrete, Add	*15.93*	
		For 4,500 PSI Concrete, Add	*18.52*	
		For 5,000 PSI Concrete, Add	*21.11*	
		For 6,000 PSI Concrete, Add	*50.00*	
		For White Cement Concrete, Add	*22.22*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*24.07*	
		For High Early Strength, Type 3 ASTM C150, Add	*18.52*	
		For Lightweight Aggregate, ASTM C330, Add	*64.82*	
		For Up To 20, Add	*92.60*	
		For >20 To 50, Add	*34.72*	
		For >100 To 200, Deduct	*-8.33*	
		For >200 To 400, Deduct	*-16.67*	
		For >400, Deduct	*-25.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0064	CY	15" Thick, By Crane And Bucket, Place 3,000 PSI Concrete Walls	361.89	
		For 2,000 PSI Concrete, Deduct	*-10.00*	
		For 2,500 PSI Concrete, Deduct	*-5.00*	
		For 3,500 PSI Concrete, Add	*9.26*	
		For 3,750 PSI Concrete, Add	*12.59*	
		For 4,000 PSI Concrete, Add	*15.93*	
		For 4,500 PSI Concrete, Add	*18.52*	
		For 5,000 PSI Concrete, Add	*21.11*	
		For 6,000 PSI Concrete, Add	*50.00*	
		For White Cement Concrete, Add	*22.22*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*24.07*	
		For High Early Strength, Type 3 ASTM C150, Add	*18.52*	
		For Lightweight Aggregate, ASTM C330, Add	*64.82*	
		For Up To 20, Add	*70.68*	
		For >20 To 50, Add	*26.51*	
		For >100 To 200, Deduct	*-7.24*	
		For >200 To 400, Deduct	*-14.48*	
		For >400, Deduct	*-21.71*	
03 31 13 00-0065	CY	Up To 8" Thick, By Direct Chute, Place 3,000 PSI Concrete Walls	300.03	
		For 2,000 PSI Concrete, Deduct	*-10.00*	
		For 2,500 PSI Concrete, Deduct	*-5.00*	
		For 3,500 PSI Concrete, Add	*9.26*	
		For 3,750 PSI Concrete, Add	*12.59*	
		For 4,000 PSI Concrete, Add	*15.93*	
		For 4,500 PSI Concrete, Add	*18.52*	
		For 5,000 PSI Concrete, Add	*21.11*	
		For 6,000 PSI Concrete, Add	*50.00*	
		For White Cement Concrete, Add	*22.22*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*24.07*	
		For High Early Strength, Type 3 ASTM C150, Add	*18.52*	
		For Lightweight Aggregate, ASTM C330, Add	*64.82*	
		For Up To 20, Add	*45.94*	
		For >20 To 50, Add	*17.23*	
		For >100 To 200, Deduct	*-6.00*	
		For >200 To 400, Deduct	*-12.00*	
		For >400, Deduct	*-18.00*	
03 31 13 00-0066	CY	12" Thick, By Direct Chute, Place 3,000 PSI Concrete Walls	277.06	
		For 2,000 PSI Concrete, Deduct	*-10.00*	
		For 2,500 PSI Concrete, Deduct	*-5.00*	
		For 3,500 PSI Concrete, Add	*9.26*	
		For 3,750 PSI Concrete, Add	*12.59*	
		For 4,000 PSI Concrete, Add	*15.93*	
		For 4,500 PSI Concrete, Add	*18.52*	
		For 5,000 PSI Concrete, Add	*21.11*	
		For 6,000 PSI Concrete, Add	*50.00*	
		For White Cement Concrete, Add	*22.22*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*24.07*	
		For High Early Strength, Type 3 ASTM C150, Add	*18.52*	
		For Lightweight Aggregate, ASTM C330, Add	*64.82*	
		For Up To 20, Add	*36.75*	
		For >20 To 50, Add	*13.78*	
		For >100 To 200, Deduct	*-5.54*	
		For >200 To 400, Deduct	*-11.08*	
		For >400, Deduct	*-16.62*	
03 31 13 00-0067	CY	15" Thick, By Direct Chute, Place 3,000 PSI Concrete Walls	265.58	
		For 2,000 PSI Concrete, Deduct	*-10.00*	
		For 2,500 PSI Concrete, Deduct	*-5.00*	
		For 3,500 PSI Concrete, Add	*9.26*	
		For 3,750 PSI Concrete, Add	*12.59*	
		For 4,000 PSI Concrete, Add	*15.93*	
		For 4,500 PSI Concrete, Add	*18.52*	
		For 5,000 PSI Concrete, Add	*21.11*	
		For 6,000 PSI Concrete, Add	*50.00*	
		For White Cement Concrete, Add	*22.22*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*24.07*	
		For High Early Strength, Type 3 ASTM C150, Add	*18.52*	
		For Lightweight Aggregate, ASTM C330, Add	*64.82*	
		For Up To 20, Add	*32.16*	
		For >20 To 50, Add	*12.06*	
		For >100 To 200, Deduct	*-5.31*	
		For >200 To 400, Deduct	*-10.62*	
		For >400, Deduct	*-15.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0068	CY	Up To 8" Thick, By Concrete Pump, Place 3,000 PSI Concrete Walls	309.99	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	*-10.83*	
		For 2,500 PSI Concrete, Deduct	*-5.42*	
		For 3,500 PSI Concrete, Add	*10.03*	
		For 3,750 PSI Concrete, Add	*13.64*	
		For 4,000 PSI Concrete, Add	*17.25*	
		For 4,500 PSI Concrete, Add	*20.06*	
		For 5,000 PSI Concrete, Add	*22.87*	
		For 6,000 PSI Concrete, Add	*54.17*	
		For White Cement Concrete, Add	*24.07*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*26.08*	
		For High Early Strength, Type 3 ASTM C150, Add	*20.06*	
		For Lightweight Aggregate, ASTM C330, Add	*70.22*	
		For Up To 20, Add	*43.75*	
		For >20 To 50, Add	*16.41*	
		For >100 To 200, Deduct	*-6.20*	
		For >200 To 400, Deduct	*-12.40*	
		For >400, Deduct	*-18.60*	
03 31 13 00-0069	CY	12" Thick, By Concrete Pump, Place 3,000 PSI Concrete Walls	288.11	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	*-10.83*	
		For 2,500 PSI Concrete, Deduct	*-5.42*	
		For 3,500 PSI Concrete, Add	*10.03*	
		For 3,750 PSI Concrete, Add	*13.64*	
		For 4,000 PSI Concrete, Add	*17.25*	
		For 4,500 PSI Concrete, Add	*20.06*	
		For 5,000 PSI Concrete, Add	*22.87*	
		For 6,000 PSI Concrete, Add	*54.17*	
		For White Cement Concrete, Add	*24.07*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*26.08*	
		For High Early Strength, Type 3 ASTM C150, Add	*20.06*	
		For Lightweight Aggregate, ASTM C330, Add	*70.22*	
		For Up To 20, Add	*35.00*	
		For >20 To 50, Add	*13.12*	
		For >100 To 200, Deduct	*-5.76*	
		For >200 To 400, Deduct	*-11.52*	
		For >400, Deduct	*-17.29*	
03 31 13 00-0070	CY	15" Thick, By Concrete Pump, Place 3,000 PSI Concrete Walls	277.18	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	*-10.83*	
		For 2,500 PSI Concrete, Deduct	*-5.42*	
		For 3,500 PSI Concrete, Add	*10.03*	
		For 3,750 PSI Concrete, Add	*13.64*	
		For 4,000 PSI Concrete, Add	*17.25*	
		For 4,500 PSI Concrete, Add	*20.06*	
		For 5,000 PSI Concrete, Add	*22.87*	
		For 6,000 PSI Concrete, Add	*54.17*	
		For White Cement Concrete, Add	*24.07*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*26.08*	
		For High Early Strength, Type 3 ASTM C150, Add	*20.06*	
		For Lightweight Aggregate, ASTM C330, Add	*70.22*	
		For Up To 20, Add	*30.62*	
		For >20 To 50, Add	*11.48*	
		For >100 To 200, Deduct	*-5.54*	
		For >200 To 400, Deduct	*-11.09*	
		For >400, Deduct	*-16.63*	

03 31 13 00-0071 Place Elevated Concrete Stairs *(03 31 13 00-0043)*

03 31 13 00-0072	CY	Crane And Bucket, Place 3,000 PSI Elevated Concrete Stairs	695.49	
		For 2,000 PSI Concrete, Deduct	*-10.00*	
		For 2,500 PSI Concrete, Deduct	*-5.00*	
		For 3,500 PSI Concrete, Add	*9.26*	
		For 3,750 PSI Concrete, Add	*12.59*	
		For 4,000 PSI Concrete, Add	*15.93*	
		For 4,500 PSI Concrete, Add	*18.52*	
		For 5,000 PSI Concrete, Add	*21.11*	
		For 6,000 PSI Concrete, Add	*50.00*	
		For White Cement Concrete, Add	*22.22*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*24.07*	
		For High Early Strength, Type 3 ASTM C150, Add	*18.52*	
		For Lightweight Aggregate, ASTM C330, Add	*64.82*	
		For Up To 20, Add	*204.12*	
		For >20 To 50, Add	*76.55*	
		For >100 To 200, Deduct	*-13.91*	
		For >200 To 400, Deduct	*-27.82*	
		For >400, Deduct	*-41.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0073	CY	Direct Chute, Place 3,000 PSI Elevated Concrete Stairs	417.34	
		For 2,000 PSI Concrete, Deduct	*-10.00*	
		For 2,500 PSI Concrete, Deduct	*-5.00*	
		For 3,500 PSI Concrete, Add	*9.26*	
		For 3,750 PSI Concrete, Add	*12.59*	
		For 4,000 PSI Concrete, Add	*15.93*	
		For 4,500 PSI Concrete, Add	*18.52*	
		For 5,000 PSI Concrete, Add	*21.11*	
		For 6,000 PSI Concrete, Add	*50.00*	
		For White Cement Concrete, Add	*22.22*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*24.07*	
		For High Early Strength, Type 3 ASTM C150, Add	*18.52*	
		For Lightweight Aggregate, ASTM C330, Add	*64.82*	
		For Up To 20, Add	*92.86*	
		For >20 To 50, Add	*34.82*	
		For >100 To 200, Deduct	*-8.35*	
		For >200 To 400, Deduct	*-16.69*	
		For >400, Deduct	*-25.04*	
03 31 13 00-0074	CY	Concrete Pump, Place 3,000 PSI Elevated Concrete Stairs Note: Excludes pumping equipment.	394.09	
		For 2,000 PSI Concrete, Deduct	*-10.83*	
		For 2,500 PSI Concrete, Deduct	*-5.42*	
		For 3,500 PSI Concrete, Add	*10.03*	
		For 3,750 PSI Concrete, Add	*13.64*	
		For 4,000 PSI Concrete, Add	*17.25*	
		For 4,500 PSI Concrete, Add	*20.06*	
		For 5,000 PSI Concrete, Add	*22.87*	
		For 6,000 PSI Concrete, Add	*54.17*	
		For White Cement Concrete, Add	*24.07*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*26.08*	
		For High Early Strength, Type 3 ASTM C150, Add	*20.06*	
		For Lightweight Aggregate, ASTM C330, Add	*70.22*	
		For Up To 20, Add	*77.39*	
		For >20 To 50, Add	*29.02*	
		For >100 To 200, Deduct	*-7.88*	
		For >200 To 400, Deduct	*-15.76*	
		For >400, Deduct	*-23.65*	

03 31 13 00-0075 Place Concrete Coping *(03 31 13 00-0043)*

03 31 13 00-0076	CY	Crane And Bucket, Place 3,000 PSI Concrete Coping	713.12	
		For 2,000 PSI Concrete, Deduct	*-10.00*	
		For 2,500 PSI Concrete, Deduct	*-5.00*	
		For 3,500 PSI Concrete, Add	*9.26*	
		For 3,750 PSI Concrete, Add	*12.59*	
		For 4,000 PSI Concrete, Add	*15.93*	
		For 4,500 PSI Concrete, Add	*18.52*	
		For 5,000 PSI Concrete, Add	*21.11*	
		For 6,000 PSI Concrete, Add	*50.00*	
		For White Cement Concrete, Add	*22.22*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*24.07*	
		For High Early Strength, Type 3 ASTM C150, Add	*18.52*	
		For Lightweight Aggregate, ASTM C330, Add	*64.82*	
		For Up To 20, Add	*211.17*	
		For >20 To 50, Add	*79.19*	
		For >100 To 200, Deduct	*-14.26*	
		For >200 To 400, Deduct	*-28.52*	
		For >400, Deduct	*-42.79*	
03 31 13 00-0077	CY	Direct Chute, Place 3,000 PSI Concrete Coping	415.79	
		For 2,000 PSI Concrete, Deduct	*-10.00*	
		For 2,500 PSI Concrete, Deduct	*-5.00*	
		For 3,500 PSI Concrete, Add	*9.26*	
		For 3,750 PSI Concrete, Add	*12.59*	
		For 4,000 PSI Concrete, Add	*15.93*	
		For 4,500 PSI Concrete, Add	*18.52*	
		For 5,000 PSI Concrete, Add	*21.11*	
		For 6,000 PSI Concrete, Add	*50.00*	
		For White Cement Concrete, Add	*22.22*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*24.07*	
		For High Early Strength, Type 3 ASTM C150, Add	*18.52*	
		For Lightweight Aggregate, ASTM C330, Add	*64.82*	
		For Up To 20, Add	*92.24*	
		For >20 To 50, Add	*34.59*	
		For >100 To 200, Deduct	*-8.32*	
		For >200 To 400, Deduct	*-16.63*	
		For >400, Deduct	*-24.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0078	CY	Concrete Pump, Place 3,000 PSI Concrete Coping Note: Excludes pumping equipment.	549.89	
		For 2,000 PSI Concrete, Deduct	*-10.83*	
		For 2,500 PSI Concrete, Deduct	*-5.42*	
		For 3,500 PSI Concrete, Add	*10.03*	
		For 3,750 PSI Concrete, Add	*13.64*	
		For 4,000 PSI Concrete, Add	*17.25*	
		For 4,500 PSI Concrete, Add	*20.06*	
		For 5,000 PSI Concrete, Add	*22.87*	
		For 6,000 PSI Concrete, Add	*54.17*	
		For White Cement Concrete, Add	*24.07*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*26.08*	
		For High Early Strength, Type 3 ASTM C150, Add	*20.06*	
		For Lightweight Aggregate, ASTM C330, Add	*70.22*	
		For Up To 20, Add	*139.71*	
		For >20 To 50, Add	*52.39*	
		For >100 To 200, Deduct	*-11.00*	
		For >200 To 400, Deduct	*-22.00*	
		For >400, Deduct	*-32.99*	
03 31 13 00-0079		Concrete Carts *(03 31 13 00-0010)* Note: Used to place concrete were necessary.		
03 31 13 00-0080	CY	50' Haul, Non-Motorized, Concrete Buggy	28.84	
03 31 13 00-0081	CY	150' Haul, Non-Motorized, Concrete Buggy	38.62	
03 31 13 00-0082	CY	250' Haul, Non-Motorized, Concrete Buggy	51.51	
03 31 13 00-0083	CY	50' Haul, Motorized, Concrete Buggy	12.89	
03 31 13 00-0084	CY	150' Haul, Motorized, Concrete Buggy	17.28	
03 31 13 00-0085	CY	250' Haul, Motorized, Concrete Buggy	23.05	
03 31 13 00-0086		Delivery Fee For Small Concrete Purchases (Short Load) *(03 31 13)*		
03 31 13 00-0087	CY	Delivery Fee For Small Concrete Purchases (Short Load) Per CY For Each CY Less Than 9 CY Note: The task quantity is 9 minus the number of CY's delivered. For example, the delivery fee for 2CY's is: (9-2) = 7.	27.00	
03 31 13 00-0088		Equipment Pads *(03 31 13)*		
03 31 13 00-0089		Small Concrete Equipment Housekeeping Pad Assemblies *(03 31 13 00-0088)* Note: Includes forms, hand mix concrete, finish, curing and reinforcing. For up to 50 SF per pad and up to 5 pads per project. See CSI section 03 31 13 00-0002 for >50 SF concrete pads.		
03 31 13 00-0090	SF	4" Equipment Pad With Welded Wire Reinforcement Assembly	19.45	
		For >5 To 20 Pads, Deduct	*-2.39*	
		For >20 To 50 Pads, Deduct	*-4.38*	
		For >50 Pads, Deduct	*-6.37*	
03 31 13 00-0091	SF	4" Equipment Pad With Rebar Assembly	25.37	
		For >5 To 20 Pads, Deduct	*-2.76*	
		For >20 To 50 Pads, Deduct	*-5.05*	
		For >50 Pads, Deduct	*-7.35*	
03 31 13 00-0092	SF	6" Equipment Pad With Rebar Assembly	31.67	
		For >5 To 20 Pads, Deduct	*-3.47*	
		For >20 To 50 Pads, Deduct	*-6.35*	
		For >50 Pads, Deduct	*-9.24*	
03 31 13 00-0093	SF	8" Equipment Pad With Rebar Assembly	39.50	
		For >5 To 20 Pads, Deduct	*-4.40*	
		For >20 To 50 Pads, Deduct	*-8.07*	
		For >50 Pads, Deduct	*-11.74*	
03 31 16		**Lightweight Structural Concrete** ***(03 31)***		
03 31 16 00-0001		Low Density Cellular / Foam Concrete Fill *(03 31 16)*		
03 31 16 00-0002	CY	Lightweight Low Density Pervious Cellular/Foam Concrete, 100 To 120 PCF Density Range	321.93	

03 35 Concrete Finishing *(03 30)*

03 35 13 High-Tolerance Concrete Floor Finishing *(03 35)*

03 35 13 00-0001		Floor Finishes *(03 35 13)* Note: Task is for final finish type and includes all required prior finishes.		
03 35 13 00-0002	SF	Screed, Concrete Floor Finish	1.05	
		For Up To 100, Add	*2.10*	
		For >100 To 250, Add	*0.53*	
		For >250 To 500, Add	*0.26*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000, Deduct	*-0.11*	
03 35 13 00-0003	SF	Darby, Concrete Floor Finish	1.25	
		For Up To 100, Add	*2.50*	
		For >100 To 250, Add	*0.63*	
		For >250 To 500, Add	*0.31*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000, Deduct	*-0.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 35 13 00-0004	SF	Broom, Concrete Floor Finish	1.38	
		For Up To 100, Add	*2.76*	
		For >100 To 250, Add	*0.69*	
		For >250 To 500, Add	*0.35*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000, Deduct	*-0.14*	
03 35 13 00-0005	SF	Final Float, Concrete Floor Finish	1.61	
		For Up To 100, Add	*3.22*	
		For >100 To 250, Add	*0.81*	
		For >250 To 500, Add	*0.40*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000, Deduct	*-0.16*	
03 35 13 00-0006	SF	Steel Trowel, Concrete Floor Finish	1.81	
		For Up To 100, Add	*3.62*	
		For >100 To 250, Add	*0.91*	
		For >250 To 500, Add	*0.45*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000, Deduct	*-0.18*	
03 35 13 00-0007	SF	Concrete Floor Finishes, Machine	1.61	
		For Up To 100, Add	*3.22*	
		For >100 To 250, Add	*0.81*	
		For >250 To 500, Add	*0.40*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000, Deduct	*-0.16*	

03 35 16 Heavy-Duty Concrete Floor Finishing *(03 35)*

03 35 16 00-0001 Shake On Floor Hardeners *(03 35 16)*

03 35 16 00-0002	SF	0.3 Lb./SF, Metallic, Shake On Floor Hardener	1.31
03 35 16 00-0003	SF	0.65 Lb./SF, Metallic, Shake On Floor Hardener	2.03
03 35 16 00-0004	SF	0.3 Lb./SF, Non-Metallic, Shake On Floor Hardener	1.24
03 35 16 00-0005	SF	0.65 Lb./SF, Non-Metallic, Shake On Floor Hardener	1.51

03 35 19 Colored Concrete Finishing *(03 35)*

03 35 19 00-0001 Concrete Surface Treatments *(03 35 19)*

03 35 19 00-0002	SF	Acrylic Latex Bonding Agent	0.62
03 35 19 00-0003	SF	Epoxy Resin Bonding Agent	3.55
03 35 19 00-0004	SF	Clear Acrylic Sealer, Hardener And Dustproofer	0.43
03 35 19 00-0005	SF	Colored Acrylic Sealer, Hardener And Dustproofer	0.45

03 35 23 Exposed Aggregate Concrete Finishing *(03 35)*

03 35 23 00-0001 Exposed Aggregate, Concrete Finish *(03 35 23)*

03 35 23 00-0002	SF	Exposed Aggregate, Concrete Floor Finish	3.97

03 35 26 Grooved Concrete Surface Finishing *(03 35)*

03 35 26 00-0001 Ramp, Grooved Concrete Surface Finishing *(03 35 26)*

03 35 26 00-0002	SF	Ramp, Grooved Concrete Surface Finishing	4.71

03 35 29 Tooled Concrete Finishing *(03 35)*

03 35 29 00-0001 Solid Board Concrete Finish *(03 35 29)*

03 35 29 00-0002	SF	Solid Board Concrete, Non-Uniform Finish, 1 Use, Add To Formwork	16.95

03 35 33 Stamped Concrete Finishing *(03 35)*

03 35 33 00-0001 Stamped Concrete Finishes *(03 35 33)*

03 35 33 00-0002	SF	Up To 2,500 SF Stamped Concrete Finish	4.21
03 35 33 00-0003	SF	>2,500 To 10,000 SF Stamped Concrete Finish	3.82
03 35 33 00-0004	SF	>10,000 SF Stamped Concrete Finish	3.65

03 35 43 Polished Concrete Finishing *(03 35)*

03 35 43 00-0001 Concrete Floor Polishing System *(03 35 43)*

Note: The floor polishing system below may consist of one or multiple applications of each task/step below depending on existing conditions and desired results.

03 35 43 00-0002	SF	Mechanically Grind Concrete Floor With 40 Grit Metal Bonded Diamond Wheels	1.99
		For Up To 500, Add	*3.76*
		For >500 To 1,000, Add	*3.49*
		For >1,000 To 2,500, Add	*2.31*
		For >2,500 To 4,000, Add	*1.20*
		For >8,000 To 15,000, Deduct	*-0.47*
		For >15,000 To 25,000, Deduct	*-0.59*
		For >25,000, Deduct	*-0.83*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 35 43 00-0003	SF	Mechanically Grind Concrete Floor With 80 Grit Metal Bonded Diamond Wheels	1.59	
		For Up To 500, Add	*2.99*	
		For >500 To 1,000, Add	*2.77*	
		For >1,000 To 2,500, Add	*1.83*	
		For >2,500 To 4,000, Add	*0.95*	
		For >8,000 To 15,000, Deduct	*-0.37*	
		For >15,000 To 25,000, Deduct	*-0.47*	
		For >25,000, Deduct	*-0.66*	
03 35 43 00-0004	SF	Mechanically Grind Concrete Floor With 100 Grit Resin Bonded Diamond Wheels	1.34	
		For Up To 500, Add	*2.50*	
		For >500 To 1,000, Add	*2.32*	
		For >1,000 To 2,500, Add	*1.54*	
		For >2,500 To 4,000, Add	*0.80*	
		For >8,000 To 15,000, Deduct	*-0.31*	
		For >15,000 To 25,000, Deduct	*-0.39*	
		For >25,000, Deduct	*-0.55*	
03 35 43 00-0005	SF	Mechanically Grind Concrete Floor With 150 Grit Metal Bonded Diamond Wheels	1.24	
		For Up To 500, Add	*2.31*	
		For >500 To 1,000, Add	*2.14*	
		For >1,000 To 2,500, Add	*1.42*	
		For >2,500 To 4,000, Add	*0.74*	
		For >8,000 To 15,000, Deduct	*-0.29*	
		For >15,000 To 25,000, Deduct	*-0.36*	
		For >25,000, Deduct	*-0.51*	
03 35 43 00-0006	SF	Mechanically Grind Concrete Floor With 200 Grit Resin Bonded Diamond Wheels	1.15	
		For Up To 500, Add	*2.13*	
		For >500 To 1,000, Add	*1.98*	
		For >1,000 To 2,500, Add	*1.31*	
		For >2,500 To 4,000, Add	*0.68*	
		For >8,000 To 15,000, Deduct	*-0.26*	
		For >15,000 To 25,000, Deduct	*-0.34*	
		For >25,000, Deduct	*-0.47*	
03 35 43 00-0007	SF	Mechanically Grind Concrete Floor With 400 Grit Resin Bonded Diamond Wheels	1.15	
		For Up To 500, Add	*2.13*	
		For >500 To 1,000, Add	*1.98*	
		For >1,000 To 2,500, Add	*1.31*	
		For >2,500 To 4,000, Add	*0.68*	
		For >8,000 To 15,000, Deduct	*-0.26*	
		For >15,000 To 25,000, Deduct	*-0.34*	
		For >25,000, Deduct	*-0.47*	
03 35 43 00-0008	SF	Mechanically Grind Concrete Floor With 800 Grit Resin Bonded Diamond Wheels	1.15	
		For Up To 500, Add	*2.13*	
		For >500 To 1,000, Add	*1.98*	
		For >1,000 To 2,500, Add	*1.31*	
		For >2,500 To 4,000, Add	*0.68*	
		For >8,000 To 15,000, Deduct	*-0.26*	
		For >15,000 To 25,000, Deduct	*-0.34*	
		For >25,000, Deduct	*-0.47*	
03 35 43 00-0009	SF	Mechanically Grind Concrete Floor With 1,500 Grit Resin Bonded Diamond Wheels	1.15	
		For Up To 500, Add	*2.13*	
		For >500 To 1,000, Add	*1.98*	
		For >1,000 To 2,500, Add	*1.31*	
		For >2,500 To 4,000, Add	*0.68*	
		For >8,000 To 15,000, Deduct	*-0.26*	
		For >15,000 To 25,000, Deduct	*-0.34*	
		For >25,000, Deduct	*-0.47*	
03 35 43 00-0010	SF	High Speed Burnish Concrete Floor With Diamond Pads	0.29	
		For Up To 500, Add	*0.47*	
		For >500 To 1,000, Add	*0.43*	
		For >1,000 To 2,500, Add	*0.29*	
		For >2,500 To 4,000, Add	*0.15*	
		For >8,000 To 15,000, Deduct	*-0.06*	
		For >15,000 To 25,000, Deduct	*-0.07*	
		For >25,000, Deduct	*-0.10*	
03 35 43 00-0011	SF	Apply 1 Coat Of Concrete Densifier For Concrete Floor Polishing	0.60	
		For Up To 500, Add	*0.58*	
		For >500 To 1,000, Add	*0.54*	
		For >1,000 To 2,500, Add	*0.36*	
		For >2,500 To 4,000, Add	*0.19*	
		For >8,000 To 15,000, Deduct	*-0.07*	
		For >15,000 To 25,000, Deduct	*-0.09*	
		For >25,000, Deduct	*-0.13*	
03 35 43 00-0012	SF	Apply 2 Coats Of Concrete Densifier With Stain Protector For Concrete Floor Polishing	1.05	
		For Up To 500, Add	*0.85*	
		For >500 To 1,000, Add	*0.79*	
		For >1,000 To 2,500, Add	*0.52*	
		For >2,500 To 4,000, Add	*0.27*	
		For >8,000 To 15,000, Deduct	*-0.11*	
		For >15,000 To 25,000, Deduct	*-0.13*	
		For >25,000, Deduct	*-0.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 35 43 00-0013	SF	Concrete Floor Polishing Final Clean Up	0.15	
		For Up To 500, Add	*0.29*	
		For >500 To 1,000, Add	*0.27*	
		For >1,000 To 2,500, Add	*0.18*	
		For >2,500 To 4,000, Add	*0.09*	
		For >8,000 To 15,000, Deduct	*-0.04*	
		For >15,000 To 25,000, Deduct	*-0.05*	
		For >25,000, Deduct	*-0.06*	

03 35 63 Slip-Resistant Floor Finishing *(03 35)*

03 35 63 00-0001 Slip-Resistant Floor Finishing *(03 35 63)*

03 35 63 00-0002	SF	Aluminum Oxide Abrasive Floor Finish, 0.25 Lb./SF	1.65	
		For Up To 100, Add	*2.00*	
		For >100 To 250, Add	*0.50*	
		For >250 To 500, Add	*0.25*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000, Deduct	*-0.10*	
03 35 63 00-0003	SF	Silicone Carbide Abrasive Floor Finish 0.25 Lb./SF	1.50	
		For Up To 100, Add	*2.00*	
		For >100 To 250, Add	*0.50*	
		For >250 To 500, Add	*0.25*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000, Deduct	*-0.10*	

03 35 66 Acid Etch Floor Finishing *(03 35)*

03 35 66 00-0001 Acid Etch Floor *(03 35 66)*

03 35 66 00-0002	SF	Concrete Floor Finishes, Etch With Acid And Rinse	1.07	
		For Up To 100, Add	*0.96*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.12*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000, Deduct	*-0.05*	

03 35 83 Concrete Wall Finishing *(03 35)*

03 35 83 00-0001 Wall Finishes *(03 35 83)*

03 35 83 00-0002	SF	Burlap Rub With Grout, New Concrete Wall Finishes	1.86	
		For Up To 100, Add	*3.50*	
		For >100 To 250, Add	*0.88*	
		For >250 To 500, Add	*0.44*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000, Deduct	*-0.18*	
03 35 83 00-0003	SF	1/16" Float Finish, New Concrete Wall Finishes	2.78	
		For Up To 100, Add	*5.24*	
		For >100 To 250, Add	*1.31*	
		For >250 To 500, Add	*0.66*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000, Deduct	*-0.26*	
03 35 83 00-0004	SF	Etch With Acid And Rinse, New Concrete Wall Finishes	1.17	
		For Up To 100, Add	*1.16*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.15*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000, Deduct	*-0.06*	
03 35 83 00-0005	SF	Bush Hammer Green Concrete, New Concrete Wall Finishes	5.60	
		For Up To 100, Add	*11.10*	
		For >100 To 250, Add	*2.78*	
		For >250 To 500, Add	*1.39*	
		For >5,000 To 10,000, Deduct	*-0.28*	
		For >10,000, Deduct	*-0.56*	
03 35 83 00-0006	SF	Bush Hammer Cured Concrete, New Concrete Wall Finishes	8.69	
		For Up To 100, Add	*17.16*	
		For >100 To 250, Add	*4.29*	
		For >250 To 500, Add	*2.15*	
		For >5,000 To 10,000, Deduct	*-0.43*	
		For >10,000, Deduct	*-0.86*	
03 35 83 00-0007	SF	Break Ties And Patch, New Concrete Wall Finishes	1.07	
		For Up To 100, Add	*1.88*	
		For >100 To 250, Add	*0.47*	
		For >250 To 500, Add	*0.24*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000, Deduct	*-0.09*	
03 35 83 00-0008	SF	Carborundum Dry Rub, New Concrete Wall Finishes	3.62	
		For Up To 100, Add	*6.98*	
		For >100 To 250, Add	*1.75*	
		For >250 To 500, Add	*0.87*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000, Deduct	*-0.35*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 35 83 00-0009	SF	Carborundum Wet Rub, New Concrete Wall Finishes	5.53	
		For Up To 100, Add	*10.80*	
		For >100 To 250, Add	*2.70*	
		For >250 To 500, Add	*1.35*	
		For >5,000 To 10,000, Deduct	*-0.27*	
		For >10,000, Deduct	*-0.54*	
03 35 83 00-0010	SF	Up To 1/4" Penetration Abrasive Media Blasting, New Concrete Wall Finishes Note: 4.5 Lb. of sand or abrasive media material per SF	5.84	
		For Up To 100, Add	*9.38*	
		For >100 To 250, Add	*2.35*	
		For >250 To 500, Add	*1.17*	
		For >5,000 To 10,000, Deduct	*-0.23*	
		For >10,000, Deduct	*-0.47*	
03 35 83 00-0011	SF	>1/4" To 1/2" Penetration Abrasive Media Blasting, New Concrete Wall Finishes Note: 9 Lb. of sand abrasive media material per SF	11.67	
		For Up To 100, Add	*18.76*	
		For >100 To 250, Add	*4.69*	
		For >250 To 500, Add	*2.35*	
		For >5,000 To 10,000, Deduct	*-0.47*	
		For >10,000, Deduct	*-0.94*	

03 37 Specialty Placed Concrete *(03 30)*

Note: Includes gun finish. Not to be used for pumping concrete tasks. See CSI section 03 35 00 00-0000 for finishing.

03 37 13 Shotcrete *(03 37)*

03 37 13 00-0001 Shotcrete, Fiber Reinforced, Structural Repair *(03 37 13)*

03 37 13 00-0002	SF	1" Thick Shotcrete, Fiber Reinforced	3.76	
		For Up To 25, Add	*0.72*	
		For >25 To 50, Add	*0.42*	
		For >50 To 150, Add	*0.17*	
03 37 13 00-0003	SF	2" Thick Shotcrete, Fiber Reinforced	7.06	
		For Up To 25, Add	*1.32*	
		For >25 To 50, Add	*0.76*	
		For >50 To 150, Add	*0.31*	
03 37 13 00-0004	SF	3" Thick Shotcrete, Fiber Reinforced	9.97	
		For Up To 25, Add	*1.82*	
		For >25 To 50, Add	*1.05*	
		For >50 To 150, Add	*0.41*	
03 37 13 00-0005	SF	4" Thick Shotcrete, Fiber Reinforced	12.56	
		For Up To 25, Add	*2.25*	
		For >25 To 50, Add	*1.29*	
		For >50 To 150, Add	*0.50*	
03 37 13 00-0006	SF	6" Thick Shotcrete, Fiber Reinforced	16.96	
		For Up To 25, Add	*2.90*	
		For >25 To 50, Add	*1.65*	
		For >50 To 150, Add	*0.60*	

03 37 13 00-0007 Gunite (Dry Mix Shotcrete), Sprayed *(03 37 13)*

03 37 13 00-0008	SF	1" Thick Gunite (Dry Mix Shotcrete), Sprayed	4.14	
		For Radius Or Irregular Surface, Add	*1.25*	
		For Up To 25, Add	*0.88*	
		For >25 To 50, Add	*0.52*	
		For >50 To 150, Add	*0.23*	
03 37 13 00-0009	SF	2" Thick Gunite (Dry Mix Shotcrete), Sprayed	7.64	
		For Radius Or Irregular Surface, Add	*2.25*	
		For Up To 25, Add	*1.61*	
		For >25 To 50, Add	*0.94*	
		For >50 To 150, Add	*0.42*	
03 37 13 00-0010	SF	3" Thick Gunite (Dry Mix Shotcrete), Sprayed	10.61	
		For Radius Or Irregular Surface, Add	*3.03*	
		For Up To 25, Add	*2.20*	
		For >25 To 50, Add	*1.29*	
		For >50 To 150, Add	*0.57*	
03 37 13 00-0011	SF	4" Thick Gunite (Dry Mix Shotcrete), Sprayed	13.15	
		For Radius Or Irregular Surface, Add	*3.64*	
		For Up To 25, Add	*2.68*	
		For >25 To 50, Add	*1.57*	
		For >50 To 150, Add	*0.68*	
03 37 13 00-0012	SF	5" Thick Gunite (Dry Mix Shotcrete), Sprayed	15.29	
		For Radius Or Irregular Surface, Add	*4.09*	
		For Up To 25, Add	*3.06*	
		For >25 To 50, Add	*1.79*	
		For >50 To 150, Add	*0.77*	
03 37 13 00-0013	SF	6" Thick Gunite (Dry Mix Shotcrete), Sprayed	17.12	
		For Radius Or Irregular Surface, Add	*4.42*	
		For Up To 25, Add	*3.37*	
		For >25 To 50, Add	*1.96*	
		For >50 To 150, Add	*0.83*	
03 37 13 00-0014	SF	8" Thick Gunite (Dry Mix Shotcrete), Sprayed	21.36	
		For Radius Or Irregular Surface, Add	*5.31*	
		For Up To 25, Add	*4.13*	
		For >25 To 50, Add	*2.40*	
		For >50 To 150, Add	*1.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 37 13 00-0015	SF	10" Thick Gunite (Dry Mix Shotcrete), Sprayed	25.03	
		For Radius Or Irregular Surface, Add	*5.97*	
		For Up To 25, Add	*4.74*	
		For >25 To 50, Add	*2.74*	
		For >50 To 150, Add	*1.12*	
03 37 13 00-0016	SF	12" Thick Gunite (Dry Mix Shotcrete), Sprayed	28.25	
		For Radius Or Irregular Surface, Add	*6.44*	
		For Up To 25, Add	*5.24*	
		For >25 To 50, Add	*3.02*	
		For >50 To 150, Add	*1.21*	

03 37 16 Pumped Concrete *(03 37)*

03 37 16 00-0001 Concrete Pumping With Boom Truck *(03 37 16)*

Note: Includes truck rental, operator, and local travel delivery. For delivery/set-up of equipment add one hour, for clean-up of equipment add one hour. Use four hours as the minimum cost including set-up and clean-up. Excludes concrete, use "Concrete Pump" concrete tasks from appropriate section to place into pump hopper and place concrete. Sizes are measured at a 30 degree vertical reach. See CSI section 03 31 13 00-0010 for concrete placement.

03 37 16 00-0002	HR	55' To 60' Boom Truck For Concrete Placement (95 CY Per Hour Rating)	244.00	
03 37 16 00-0003	HR	70' To 80' Boom Truck For Concrete Placement (117 CY Per Hour Rating)	263.48	
03 37 16 00-0004	HR	90' To 100' Boom Truck For Concrete Placement (117 CY Per Hour Rating)	333.83	
03 37 16 00-0005	HR	105' To 115' Boom Truck For Concrete Placement (117 CY Per Hour Rating)	377.63	
03 37 16 00-0006	HR	120' To 130' Boom Truck For Concrete Placement (170 CY Per Hour Rating)	422.83	
03 37 16 00-0007	HR	135' To 140' Boom Truck For Concrete Placement (170 CY Per Hour Rating)	518.55	
03 37 16 00-0008	HR	148' To 155' Boom Truck For Concrete Placement (170 CY Per Hour Rating)	575.66	
03 37 16 00-0009	HR	170' To 175' Boom Truck For Concrete Placement (182 CY Per Hour Rating)	713.99	
03 37 16 00-0010	HR	35 CY/HR, 66 HP Trailer Mounted Concrete Pump Note: Includes hoses	177.58	

03 39 Concrete Curing *(03 30)*

03 39 13 Water Concrete Curing *(03 39)*

03 39 13 00-0001 Water Concrete Curing *(03 39 13)*

03 39 13 00-0002	SF	Water Based Curing, Sealing, Hardening And Dustproofing Compound Note: Coverage rates: rough finish = 300 SF/GAL, broom finish = 300 to 400 SF/GAL, steel troweled = 500 to 600 SF/GAL, and vertical surface = 400 - 500 SF/GAL.	0.40	

03 39 23 Membrane Concrete Curing *(03 39)*

03 39 23 23 Sheet Membrane Concrete Curing *(03 39 23)*

03 39 23 23-0001 Warm Weather Concrete Curing Blankets *(03 39 23 23)*

03 39 23 23-0002	CSF	Warm Weather Concrete Curing Blankets	37.98	

03 39 23 23-0003 Cold Weather Concrete Curing Blankets *(03 39 23 23)*

03 39 23 23-0004	CSF	Electric, Cold Weather Concrete Curing Blanket	185.97	
03 39 23 23-0005	CSF	Non-Electric, Cold Weather Concrete Curing Blanket	41.78	

03 40 Precast Concrete *(03)*

Note: Precast concrete material prices are based on a precast operation producing large quantities of precast products. Includes the concrete panel, delivery to construction site and overhead/mobilization charges for the precast plant.

03 41 Precast Structural Concrete *(03 40)*

03 41 33 Precast Structural Pretensioned Concrete *(03 41)*

03 41 33 00-0001 Slabs, Roof And Floor Members *(03 41 33)*

03 41 33 00-0002	SF	4" Thick Precast Prestressed Slab, 12-16' Span Roof/Floor	19.49	2.49
03 41 33 00-0003	SF	6" Thick Precast Prestressed Slab, 16-25' Span Roof/Floor	24.31	2.49
03 41 33 00-0004	SF	8" Thick Precast Prestressed Slab, 25-32' Span Roof/Floor	29.14	2.61
03 41 33 00-0005	SF	10" Thick Precast Prestressed Slab, 32-40' Span Roof/Floor	33.99	2.74

03 41 33 00-0006 Tee Members *(03 41 33)*

03 41 33 00-0007 Multiple Tee, Roof And Floor *(03 41 33 00-0006)*

03 41 33 00-0008	SF	Prestressed Multiple Tee, Roof And Floor Members	43.88	3.22

03 41 33 00-0009 Double Tee Wall Member *(03 41 33 00-0006)*

03 41 33 00-0010	SF	Prestressed Double Tee Wall Members Precast Concrete, <40' Span	61.95	8.82

03 41 33 00-0011 Single Tee, Short Span, Roof Members *(03 41 33 00-0006)*

03 41 33 00-0012	SF	Prestressed Single Tee, Short Span Roof Precast Concrete Members, <40' Span	51.53	5.34

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 33 00-0013		Single Tee, Long Span, Roof Members *(03 41 33 00-0006)*		
03 41 33 00-0014	SF	Prestressed Single Tee, Long Span Roof Precast Concrete Members, <40' Span	61.89	4.59
03 41 33 00-0015		Prestressed Concrete Items *(03 41 33)*		
03 41 33 00-0016		Prestressed Quad Tee *(03 41 33 00-0015)*		
03 41 33 00-0017	SF	Tees, Prestressed Quad Tee, Short Spans, Roof	31.80	0.99
03 41 33 00-0018	SF	Tees, Prestressed Quad Tee, Short Spans, Floor	33.19	0.99
03 41 33 00-0019		Prestressed Double Tee *(03 41 33 00-0015)*		
03 41 33 00-0020	SF	Tees, Double Tee, Floor Members , 60' Span	52.91	0.87
03 41 33 00-0021	SF	Tees, Double Tee, Floor Members , 80' Span	72.88	0.87
03 41 33 00-0022	SF	Tees, Double Tee, Roof Members, 30' Span	36.08	1.49
03 41 33 00-0023	SF	Tees, Double Tee, Roof Members, 50' Span	55.94	0.99
03 41 33 00-0024	SF	Tees, Double Tee, Wall Members, Up To 55' High	39.08	1.99
03 41 33 00-0025		Prestressed Single Tee *(03 41 33 00-0015)*		
03 41 33 00-0026	SF	Tees, Single Tee Roof Members, 40' Span	62.58	2.24
03 41 33 00-0027	SF	Tees, Single Tee Roof Members, 80' Span	72.53	1.37
03 41 33 00-0028	SF	Tees, Single Tee Roof Members, 100' Span	95.97	1.24
03 41 33 00-0029	SF	Tees, Single Tee Roof Members, 120' Span	101.06	1.24
03 41 33 00-0030		Prestressed Double Tee Floor Members *(03 41 33 00-0015)*		
03 41 33 00-0031	EA	Tees, Double Tees, Floor Members, Lightweight, 20" X 8' Wide, 45'	16,186.86	357.51
03 41 33 00-0032	EA	Tees, Double Tees, Floor Members, Lightweight, 24" X 8' Wide, 50'	17,625.29	397.22
03 41 33 00-0033	EA	Tees, Double Tees, Floor Members, Lightweight, 32" X 10' Wide, 60'	29,492.25	446.88
03 41 33 00-0034	EA	Tees, Double Tees, Floor Members, Standard Weight, 12" X 8' Wide, 25'	6,331.95	325.11
03 41 33 00-0035	EA	Tees, Double Tees, Floor Members, Standard Weight, 16" X 8' Wide, 25'	8,316.89	357.51
03 41 33 00-0036	EA	Tees, Double Tees, Floor Members, Standard Weight, 18" X 8' Wide, 35'	10,631.59	357.51
03 41 33 00-0037	EA	Tees, Double Tees, Floor Members, Standard Weight, 20" X 8' Wide, 45'	11,838.55	397.22
03 41 33 00-0038	EA	Tees, Double Tees, Floor Members, Standard Weight, 24" X 8' Wide, 50'	15,141.13	446.88
03 41 33 00-0039	EA	Tees, Double Tees, Floor Members, Standard Weight, 32" X 10' Wide, 60'	27,257.64	510.93
03 41 33 00-0040		Prestressed Double Tee Roof Members *(03 41 33 00-0015)*		
03 41 33 00-0041	EA	Tees, Double Tees, Roof Members, Lightweight, 20" X 8' Wide, 45'	12,714.82	357.51
03 41 33 00-0042	EA	Tees, Double Tees, Roof Members, Lightweight, 24" X 8' Wide, 50'	16,699.41	397.22
03 41 33 00-0043	EA	Tees, Double Tees, Roof Members, Lightweight, 32" X 10' Wide, 60'	27,409.02	446.88
03 41 33 00-0044	EA	Tees, Double Tees, Roof Members, Standard Weight, 12" X 8' Wide, 30'	8,507.76	325.11
03 41 33 00-0045	EA	Tees, Double Tees, Roof Members, Standard Weight, 16" X 8' Wide, 30'	8,965.01	357.51
03 41 33 00-0046	EA	Tees, Double Tees, Roof Members, Standard Weight, 18" X 8' Wide, 30'	9,937.18	357.51
03 41 33 00-0047	EA	Tees, Double Tees, Roof Members, Standard Weight, 20" X 8' Wide, 40'	10,218.26	397.22
03 41 33 00-0048	EA	Tees, Double Tees, Roof Members, Standard Weight, 24" X 8' Wide, 50'	13,520.84	446.88
03 41 33 00-0049	EA	Tees, Double Tees, Roof Members, Standard Weight, 32" X 10' Wide, 60'	23,322.66	510.93
03 41 33 00-0050		Plant Produced Pretensioned Prestressed Concrete Hollow Core Slab *(03 41 33)*		
03 41 33 00-0051	SF	Hollow Core Slab, 4" Slab, 12' - 16' Spans, Plant Produced Pretensioned Prestressed Concrete	33.62	
03 41 33 00-0052	SF	Hollow Core Slab, 6" Slab, 16' - 25' Spans, Plant Produced Pretensioned Prestressed Concrete	34.99	
03 41 33 00-0053	SF	Hollow Core Slab, 8" Slab, 25' - 30' Spans, Plant Produced Pretensioned Prestressed Concrete	36.62	
03 41 33 00-0054	SF	Hollow Core Slab, 10" Slab, 30' - 35' Spans, Plant Produced Pretensioned Prestressed Concrete	37.82	
03 41 33 00-0055	SF	Hollow Core Slab, 12" Slab, 35' - 40' Spans, Plant Produced Pretensioned Prestressed Concrete	40.40	
03 41 33 00-0056		Double And Single Tees *(03 41 33)*		
03 41 33 00-0057		Double And Single Tees With 16" Roof And Floor Loading *(03 41 33 00-0056)*		
03 41 33 00-0058	SF	Double Tee With 16" Roof Loading, 30' Span, Pretensioned Prestressed Concrete	40.62	
03 41 33 00-0059	SF	Double Tee With 16" Roof Loading, 40' Span, Pretensioned Prestressed Concrete	39.65	
03 41 33 00-0060	SF	Double Tee With 16" Roof Loading, 45' Span, Pretensioned Prestressed Concrete	37.45	
03 41 33 00-0061	SF	Double Tee With 16" Floor Loading, 30' Span, Pretensioned Prestressed Concrete	40.62	
03 41 33 00-0062	SF	Double Tee With 16" Floor Loading, 40' Span, Pretensioned Prestressed Concrete	40.49	
03 41 33 00-0063	SF	Single Tee With 16" Roof Loading, 30' Span, Pretensioned Prestressed Concrete	62.29	
03 41 33 00-0064	SF	Single Tee With 16" Roof Loading, 40' Span, Pretensioned Prestressed Concrete	60.90	
03 41 33 00-0065	SF	Single Tee With 16" Roof Loading, 45' Span, Pretensioned Prestressed Concrete	57.03	
03 41 33 00-0066	SF	Single Tee With 16" Floor Loading, 30' Span, Pretensioned Prestressed Concrete	62.29	
03 41 33 00-0067	SF	Single Tee With 16" Floor Loading, 40' Span, Pretensioned Prestressed Concrete	58.40	
03 41 33 00-0068		Double And Single Tees With 24" Roof And Floor Loading *(03 41 33 00-0056)*		
03 41 33 00-0069	SF	Double Tee With 24" Roof Loading, 30' Span, Pretensioned Prestressed Concrete	41.87	
03 41 33 00-0070	SF	Double Tee With 24" Roof Loading, 40' Span, Pretensioned Prestressed Concrete	40.90	
03 41 33 00-0071	SF	Double Tee With 24" Roof Loading, 45' Span, Pretensioned Prestressed Concrete	39.53	
03 41 33 00-0072	SF	Double Tee With 24" Floor Loading, 30' Span, Pretensioned Prestressed Concrete	41.87	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 33 00-0073	SF	Double Tee With 24" Floor Loading, 40' Span, Pretensioned Prestressed Concrete	40.49	
03 41 33 00-0074	SF	Single Tee With 24" Roof Loading, 30' Span, Pretensioned Prestressed Concrete	63.95	
03 41 33 00-0075	SF	Single Tee With 24" Roof Loading, 40' Span, Pretensioned Prestressed Concrete	62.57	
03 41 33 00-0076	SF	Single Tee With 24" Roof Loading, 45' Span, Pretensioned Prestressed Concrete	60.37	
03 41 33 00-0077	SF	Single Tee With 24" Floor Loading, 30' Span, Pretensioned Prestressed Concrete	63.95	
03 41 33 00-0078	SF	Single Tee With 24" Floor Loading, 40' Span, Pretensioned Prestressed Concrete	62.16	
03 41 33 00-0079		Double And Single Tees With 32" Roof And Floor Loading *(03 41 33 00-0056)*		
03 41 33 00-0080	SF	Double Tee With 32" Roof Load, 50' Span, Pretensioned Prestressed Concrete	44.13	
03 41 33 00-0081	SF	Double Tee With 32" Roof Load, 60' Span, Pretensioned Prestressed Concrete	42.75	
03 41 33 00-0082	SF	Double Tee With 32" Roof Load, 70' Span, Pretensioned Prestressed Concrete	41.35	
03 41 33 00-0083	SF	Single Tee With 32" Roof Load, 50' Span, Pretensioned Prestressed Concrete	67.88	
03 41 33 00-0084	SF	Single Tee With 32" Roof Load, 60' Span, Pretensioned Prestressed Concrete	65.67	
03 41 33 00-0085	SF	Single Tee With 32" Roof Load, 70' Span, Pretensioned Prestressed Concrete	63.02	

03 48 Precast Concrete Specialties *(03 40)*

03 48 16 Precast Concrete Splash Blocks *(03 48)*

03 48 16 00-0001		Precast Concrete Splash Blocks *(03 48 16)*		
03 48 16 00-0002	EA	Precast Concrete Splash Blocks, 20" x 12" x 3"	43.88	4.63

03 48 24 Precast Minaret Segments *(03 48)*

03 48 24 00-0001		Installation Costs Using A 50 Ton Hydraulic Crane *(03 48 24)* Note: Includes handling, hoisting into place, alignment, bracing and permanent connections.		
03 48 24 00-0002		L - Shaped Segments *(03 48 24 00-0001)*		
03 48 24 00-0003	EA	Install Minaret, L-Shape Segment, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane	386.99	309.60
03 48 24 00-0004	EA	Install Minaret, L-Shape Segment, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane	433.67	346.95
03 48 24 00-0005	EA	Install Minaret, L-Shape Segment, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane	490.34	392.26
03 48 24 00-0006	EA	Install Minaret, L-Shape Segment, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane	523.02	418.41
03 48 24 00-0007		O - Shaped Segments *(03 48 24 00-0001)*		
03 48 24 00-0008	EA	Install Minaret, O-Shape Segment, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane	409.00	327.26
03 48 24 00-0009	EA	Install Minaret, O-Shape Segment, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane	459.04	367.18
03 48 24 00-0010	EA	Install Minaret, O-Shape Segment, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane	519.88	415.85
03 48 24 00-0011	EA	Install Minaret, O-Shape Segment, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane	556.77	445.38
03 48 24 00-0012		Platform Segment *(03 48 24 00-0001)*		
03 48 24 00-0013	EA	Install Minaret, Platform Segments, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane	784.54	627.69
03 48 24 00-0014	EA	Install Minaret, Platform Segments, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane	948.34	758.62
03 48 24 00-0015	EA	Install Minaret, Platform Segments, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane	1,052.43	841.96
03 48 24 00-0016	EA	Install Minaret, Platform Segments, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane	1,182.18	945.78
03 48 24 00-0017		Cap Segment *(03 48 24 00-0001)*		
03 48 24 00-0018	EA	Install Minaret, Cap Segments, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane	429.35	343.44
03 48 24 00-0019	EA	Install Minaret, Cap Segments, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane	479.44	383.49
03 48 24 00-0020	EA	Install Minaret, Cap Segments, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane	546.19	436.89
03 48 24 00-0021	EA	Install Minaret, Cap Segments, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane	583.10	466.42
03 48 24 00-0022		Installation Costs Using A 90 Ton Crawler Crane *(03 48 24)* Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting and caulking of joints.		
03 48 24 00-0023		L - Shaped Segments *(03 48 24 00-0022)*		
03 48 24 00-0024	EA	Install Minaret, L-Shaped Segments, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane	392.37	313.90
03 48 24 00-0025	EA	Install Minaret, L-Shaped Segments, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane	439.70	351.77
03 48 24 00-0026	EA	Install Minaret, L-Shaped Segments, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane	497.15	397.71
03 48 24 00-0027	EA	Install Minaret, L-Shaped Segments, 5-7 Ton/Each 79' Maximum Radius With 90 Ton Crane	530.29	424.23
03 48 24 00-0028		O - Shaped Segment *(03 48 24 00-0022)*		
03 48 24 00-0029	EA	Install Minaret, O-Shaped Segments, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane	414.68	331.81
03 48 24 00-0030	EA	Install Minaret, O-Shaped Segments, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane	465.42	372.28
03 48 24 00-0031	EA	Install Minaret, O-Shaped Segments, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane	527.10	421.63
03 48 24 00-0032	EA	Install Minaret, O-Shaped Segments, 5-7 Ton/Each 795' Maximum Radius With 90 Ton Crane	564.51	451.57
03 48 24 00-0033		Platform Segment *(03 48 24 00-0022)*		
03 48 24 00-0034	EA	Install Minaret, Platform Segment, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane	634.04	507.22
03 48 24 00-0035	EA	Install Minaret, Platform Segment, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane	767.53	613.99
03 48 24 00-0036	EA	Install Minaret, Platform Segment, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane	849.50	679.61
03 48 24 00-0037	EA	Install Minaret, Platform Segment, 5-7 Ton/Each 79' Maximum Radius With 90 Ton Crane	961.52	769.17

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 48 24 00-0038		Cap Segment *(03 48 24 00-0022)*		
03 48 24 00-0039	EA	Install Minaret, Cap Segment, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane	435.32	348.21
03 48 24 00-0040	EA	Install Minaret, Cap Segment, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane	486.10	388.82
03 48 24 00-0041	EA	Install Minaret, Cap Segment, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane	553.78	442.96
03 48 24 00-0042	EA	Install Minaret, Cap Segment, 5-7 Ton/Each 79' Maximum Radius With 90 Ton Crane	591.21	472.90
03 48 24 00-0043		Material Costs *(03 48 24)*		
		Note: Includes 3000 PSI concrete, imbedded items, formwork and precast concrete operations.		
03 48 24 00-0044	CY	Precast Concrete Minaret, L-Shaped Segments, 3,000 PSI Concrete Note: Including Post Tension Cost	11,110.30	
03 48 24 00-0045	CY	Precast Concrete Minaret, O-Shaped Segments, 3,000 PSI Concrete Note: Including Post Tension Cost	11,110.30	
03 48 24 00-0046	CY	Precast Concrete Minaret, Platform Segments, 3,000 PSI Concrete Note: Including Post Tension Cost	11,110.30	
03 48 24 00-0047	CY	Precast Concrete Minaret, Cap Segments, 3,000 PSI Concrete Note: Including Post Tension Cost	11,110.30	
03 48 29		**Precast Accessories** *(03 48)*		
		Note: Includes installation labor, material and equipment.		
03 48 29 00-0001		Bearing Pads For Precast Members *(03 48 29)*		
03 48 29 00-0002		Continuous 2" Wide Strips *(03 48 29 00-0001)*		
03 48 29 00-0003	LF	Bearing Pads, Continuous 2" Wide x 1/8" Thick Strips Note: For precast members	1.72	
03 48 29 00-0004	LF	Bearing Pads, Continuous 2" Wide x 1/4" Thick Strips Note: For precast members.	2.48	
03 48 29 00-0005	LF	Bearing Pads, Continuous 2" Wide x 1/2" Thick Strips Note: For precast members	4.15	
03 48 29 00-0006	LF	Bearing Pads, Continuous 2" Wide x 3/4" Thick Strips Note: For precast members	5.84	
03 48 29 00-0007	LF	Bearing Pads, Continuous 2" Wide x 1" Thick Strips Note: For precast members	7.61	
03 48 29 00-0008	LF	Bearing Pads, Continuous 2" Wide x 1-1/2" Thick Strips Note: For precast members	10.96	
03 48 29 00-0009		Bearing Pad Pipe Supports *(03 48 29)*		
03 48 29 00-0010	LF	8" Diameter Precast Balustrade, Decorative Shapes	103.34	
03 48 29 00-0011	LF	Precast Rail Cap, <1 SF Cross Section	66.27	
03 48 29 00-0012	LF	4" x 4" Precast Pipe Support	14.12	
03 48 49		**Precast Landings** *(03 48)*		
03 48 49 00-0001	SF	3" Thick Precast Landing	116.13	
03 48 49 00-0002	SF	4" Thick Precast Landing	135.41	
03 48 49 00-0003	SF	5" Thick Precast Landing	153.84	
03 48 49 00-0004	SF	6" Thick Precast Landing	177.35	
03 48 54		**Precast Concrete Blocks** *(03 48)*		
03 48 54 00-0001		Precast Interlocking Concrete Blocks *(03 48 54)* Note: Includes lifting loop		
03 48 54 00-0002	EA	2' x 2' x 2' Precast Interlocking Concrete (Ecology) Block	167.09	47.93
03 48 54 00-0003	EA	2' x 2' x 3' Precast Interlocking Concrete (Ecology) Block	199.22	53.92
03 48 54 00-0004	EA	2' x 2' x 4' Precast Interlocking Concrete (Ecology) Block	231.34	59.91
03 48 54 00-0005	EA	2' x 2' x 6' Precast Interlocking Concrete (Ecology) Block	312.73	65.91
03 48 54 00-0006	EA	2' x 2' x 8' Precast Interlocking Concrete (Ecology) Block	376.12	71.90

03 50 Cast Decks and Underlayment *(03)*

03 51 Cast Roof Decks *(03 50)*

03 51 13 Cementitious Wood Fiber Decks *(03 51)*

03 51 13 00-0001		Cement Fiber Tongue And Groove Planks *(03 51 13)*		
03 51 13 00-0002	SF	1" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	3.95	
03 51 13 00-0003	SF	1-1/2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	4.12	
03 51 13 00-0004	SF	2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	4.32	
03 51 13 00-0005	SF	2-1/2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	4.91	
03 51 13 00-0006	SF	3" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	5.56	
03 51 13 00-0007	SF	3-1/2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	6.31	
03 51 13 00-0008	SF	4" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	7.22	

03 51 16 Gypsum Concrete Roof Decks *(03 51)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 51 16 00-0001		**Class A Gypsum Fill Concrete Deck** *(03 51 16)*		
03 51 16 00-0002	SF	2" Thick Precast Gypsum Fill Concrete Deck, Class A	12.80	0.62
03 51 16 00-0003	SF	2-1/2" Thick Precast Gypsum Fill Concrete Deck, Class A	15.86	0.73
03 51 16 00-0004	SF	3" Thick Precast Gypsum Fill Concrete Deck, Class A	18.94	0.84
03 51 16 00-0005	SF	3-1/2" Thick Precast Gypsum Fill Concrete Deck, Class A	22.06	0.94
03 51 16 00-0006	SF	4" Thick Precast Gypsum Fill Concrete Deck, Class A	25.19	1.04
03 51 16 00-0007		**Form Board For Lightweight Deck** *(03 51 16)*		
03 51 16 00-0008	SF	Gypsum Deck Form Board, 1/2" Drywall For Lightweight Deck	2.59	
03 51 16 00-0009	SF	Gypsum Deck Form Board, 1" Mineral Fiber Board For Lightweight Deck	3.49	
03 51 16 00-0010	SF	Gypsum Deck Form Board, 1-1/2" Mineral Fiber Board For Lightweight Deck	7.37	
03 51 16 00-0011	SF	Gypsum Deck Form Board, 1" Cementitious Fiber Board For Lightweight Deck	2.88	0.65
03 51 16 00-0012	SF	Gypsum Deck Form Board, 1-1/2" Cementitious Fiber Board For Lightweight Deck	3.51	0.65
03 51 16 00-0013	SF	Gypsum Deck Form Board, 1" Glass Fiber Board For Lightweight Deck	3.93	0.65
03 51 16 00-0014	SF	Gypsum Deck Form Board, 1-1/2" Glass Fiber Board For Lightweight Deck	4.89	0.65
03 51 16 00-0015		**Gypsum Plank** *(03 51 16)*		
03 51 16 00-0016	SF	2" Thick, Insulating Concrete Gypsum Plank, Roof Deck	4.27	
03 51 16 00-0017	SF	3" Thick, Insulating Concrete Gypsum Plank, Roof Deck	5.64	

03 53 Concrete Topping *(03 50)*

Note: Installed over new or existing concrete.

03 53 14 Granolithic Concrete Topping *(03 53)*

03 53 14 00-0001		**Granolithic Topping Laid After** *(03 53 14)* Note: Using 1:1:1-1/2 mix.		
03 53 14 00-0002	SF	1/2" Thick Concrete Topping, Granolithic Laid After Finish, 1:1:1-1/2 Mix	4.66	
03 53 14 00-0003	SF	1" Thick Concrete Topping, Granolithic Laid After Finish, 1:1:1-1/2 Mix	5.04	
03 53 14 00-0004	SF	2" Thick Concrete Topping, Granolithic Laid After Finish, 1:1:1-1/2 Mix	6.35	

03 53 19 Concrete Overlayment *(03 53)*

03 53 19 00-0001		**Integral Topping Including Hard Trowel Finish** *(03 53 19)* Note: Using 1:1:2 mix.		
03 53 19 00-0002	SF	3/16" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	2.77	
03 53 19 00-0003	SF	1/2" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	3.11	
03 53 19 00-0004	SF	3/4" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	3.64	
03 53 19 00-0005	SF	1" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	4.32	
03 53 19 00-0006	SF	2" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	6.14	
03 53 19 00-0007	SF	2-1/2" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	5.27	
03 53 19 00-0008	SF	3" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	5.90	

03 54 Cast Underlayment *(03 50)*

Note: Includes primer. Excludes sandblasting existing smooth finished concrete surface (where necessary).

03 54 16 Hydraulic Cement Underlayment *(03 54)*

03 54 16 00-0001		**Self Leveling Cementitious Underlayment For Floors** *(03 54 16)* Note: Includes primer.		
03 54 16 00-0002	SF	1/8" Thick Self Leveling Cementitious Underlayment For Floors Note: Including Surface Preparation	2.08	
		For Up To 100 SF, Add	*0.15*	
		For >100 To 250 SF, Add	*0.07*	
03 54 16 00-0003	SF	1/4" Thick Self Leveling Cementitious Underlayment For Floors Note: Including Surface Preparation	3.64	
		For Up To 100 SF, Add	*0.15*	
		For >100 To 250 SF, Add	*0.07*	
03 54 16 00-0004	SF	3/8" Thick Self Leveling Cementitious Underlayment For Floors Note: Including Surface Preparation	5.21	
		For Up To 100 SF, Add	*0.15*	
		For >100 To 250 SF, Add	*0.07*	
03 54 16 00-0005	SF	1/2" Thick Self Leveling Cementitious Underlayment For Floors Note: Including Surface Preparation	6.77	
		For Up To 100 SF, Add	*0.15*	
		For >100 To 250 SF, Add	*0.07*	
03 54 16 00-0006	SF	5/8" Thick Self Leveling Cementitious Underlayment For Floors Note: Including Surface Preparation	8.33	
		For Up To 100 SF, Add	*0.15*	
		For >100 To 250 SF, Add	*0.07*	
03 54 16 00-0007	SF	3/4" Thick Self Leveling Cementitious Underlayment For Floors Note: Including Surface Preparation	9.95	
		For Up To 100 SF, Add	*0.17*	
		For >100 To 250 SF, Add	*0.09*	
03 54 16 00-0008	SF	1" Thick Self Leveling Cementitious Underlayment For Floors Note: Including Surface Preparation	13.07	
		For Up To 100 SF, Add	*0.17*	
		For >100 To 250 SF, Add	*0.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 54 16 00-0009	SF	1-1/4" Thick Self Leveling Cementitious Underlayment For Floors Note: Including Surface Preparation	16.25	
		For Up To 100 SF, Add	*0.20*	
		For >100 To 250 SF, Add	*0.10*	
03 54 16 00-0010	SF	1-1/2" Thick Self Leveling Cementitious Underlayment For Floors Note: Including Surface Preparation	19.37	
		For Up To 100 SF, Add	*0.20*	
		For >100 To 250 SF, Add	*0.10*	
03 54 16 00-0011	SF	1-3/4" Thick Self Leveling Cementitious Underlayment For Floors Note: Including Surface Preparation	22.59	
		For Up To 100 SF, Add	*0.24*	
		For >100 To 250 SF, Add	*0.12*	

03 60 Grouting *(03)*

03 61 Cementitious Grouting *(03 60)*

Note: 1 part cement to 3 parts sand by volume.

03 61 16 Cementitious Flowable Grout *(03 61)*

03 61 16 00-0001 Cementitious Flowable Grout *(03 61 16)*

03 61 16 00-0002	CY	Cementitious Flowable Grout	484.96

03 62 Non-Shrink Grouting *(03 60)*

03 62 13 Non-Metallic Non-Shrink Grouting *(03 62)*

03 62 13 00-0001 Fluid Type, Non-Metallic Non-Shrink Grouting For Bases *(03 62 13)*

03 62 13 00-0002	SF	1" Deep, Fluid Type, Non-Metallic Non-Shrink Grout For Bases	28.50
03 62 13 00-0003	SF	2" Deep, Fluid Type, Non-Metallic Non-Shrink Grout For Bases	42.83

03 62 13 00-0004 Non-Metallic Non-Shrink Grouting For Bases *(03 62 13)*

03 62 13 00-0005	SF	1" Deep, Non-Metallic Non-Shrink Grout For Bases	42.39
03 62 13 00-0006	SF	2" Deep, Non-Metallic Non-Shrink Grout For Bases	68.19

03 62 13 00-0007 Non-Metallic Non-Shrink Grouting For Joints *(03 62 13)*

03 62 13 00-0008 1/2" Joint Thickness, Non-Metallic Non-Shrink Grout For Joints *(03 62 13 00-0007)*

03 62 13 00-0009	LF	4" Deep x 1/2" Thick, Non-Metallic Non-Shrink Grout For Joints	2.34
03 62 13 00-0010	LF	6" Deep x 1/2" Thick, Non-Metallic Non-Shrink Grout For Joints	3.06
03 62 13 00-0011	LF	8" Deep x 1/2" Thick, Non-Metallic Non-Shrink Grout For Joints	4.06

03 62 13 00-0012 1" Joint Thickness, Non-Metallic Non-Shrink Grout For Joints *(03 62 13 00-0007)*

03 62 13 00-0013	LF	4" Deep x 1" Thick, Non-Metallic Non-Shrink Grout For Joints	3.45
03 62 13 00-0014	LF	6" Deep x 1" Thick, Non-Metallic Non-Shrink Grout For Joints	4.59
03 62 13 00-0015	LF	8" Deep x 1" Thick, Non-Metallic Non-Shrink Grout For Joints	6.09

03 62 16 Metallic Non-Shrink Grouting *(03 62)*

03 62 16 00-0001 Metallic Non-Shrink Grouting For Bases *(03 62 16)*

03 62 16 00-0002	SF	1" Deep, Metallic Non-Shrink Grout For Bases	35.71
03 62 16 00-0003	SF	2" Deep, Metallic Non-Shrink Grout For Bases	55.23

03 62 16 00-0004 Metallic Non-Shrink Grouting For Joints *(03 62 16)*

03 62 16 00-0005 1/2" Joint Thickness, Metallic Non-Shrink Grout For Joints *(03 62 16 00-0004)*

03 62 16 00-0006	LF	4" Deep x 1/2" Thick, Metallic Non-Shrink Grout For Joints	1.92
03 62 16 00-0007	LF	6" Deep x 1/2" Thick, Metallic Non-Shrink Grout For Joints	2.43
03 62 16 00-0008	LF	8" Deep x 1/2" Thick, Metallic Non-Shrink Grout For Joints	3.24

03 62 16 00-0009 1" Joint Thickness, Metallic Non-Shrink Grout For Joints *(03 62 16 00-0004)*

03 62 16 00-0010	LF	4" Deep x 1" Thick, Metallic Non-Shrink Grout For Joints	2.63
03 62 16 00-0011	LF	6" Deep x 1" Thick, Metallic Non-Shrink Grout For Joints	3.32
03 62 16 00-0012	LF	8" Deep x 1" Thick, Metallic Non-Shrink Grout For Joints	4.43

03 63 Epoxy Grouting *(03 60)*

03 63 00 00-0001 Spray On Concrete Epoxy Grout *(03 63)*
Note: (Sika 224) per thickness per coat.

03 63 00 00-0002	SF	1/4" Thick Coat Spray On Concrete Epoxy Grout	4.37
		For Color, Add	*1.14*
03 63 00 00-0003	SF	3/8" Thick Coat Spray On Concrete Epoxy Grout	6.04
		For Color, Add	*1.70*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 63 00 00-0004	SF	1/2" Thick Coat Spray On Concrete Epoxy Grout	7.73	
		For Color, Add	*2.27*	
03 63 00 00-0005	SF	5/8" Thick Coat Spray On Concrete Epoxy Grout	9.26	
		For Color, Add	*2.84*	
03 63 00 00-0006	SF	3/4" Thick Coat Spray On Concrete Epoxy Grout	10.79	
		For Color, Add	*3.41*	
03 63 00 00-0007	SF	1" Thick Coat Spray On Concrete Epoxy Grout	13.98	
		For Color, Add	*4.55*	

03 64 Injection Grouting *(03 60)*

Note: By volume of void filled. Includes injection ports.

03 64 23 Epoxy Injection Grouting *(03 64)*

03 64 23 00-0001 Pressure Injected Epoxy Grout *(03 64 23)*

03 64 23 00-0002	CF	Pressure Injected Epoxy Grout	1,380.17	
		For >4, Deduct	*-145.67*	

03 64 26 Cementitious Injection Grouting *(03 64)*

03 64 26 00-0001 Pressure Injected Cementitious Grout *(03 64 26)*

03 64 26 00-0002	CF	Pressure Injected Cementitious Grout	244.03	
		For >4, Deduct	*-62.50*	

03 80 Concrete Cutting and Boring *(03)*

03 81 Concrete Cutting *(03 80)*

03 81 13 Flat Concrete Sawing *(03 81)*

See CSI section 02 41 19 13-0057 for saw cutting.

03 81 16 Track Mounted Concrete Wall Sawing *(03 81)*

See CSI section 02 41 19 13-0057 for saw cutting.

03 82 Concrete Boring *(03 80)*

03 82 13 Concrete Core Drilling *(03 82)*

See CSI section 02 41 19 13-0080 for core drilling.

END OF SECTION 03

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

04 Masonry

04 01 Maintenance of Masonry *(04)*

04 01 20 Maintenance of Unit Masonry *(04 01)*

Note: For use on existing brick. Includes clean-up of debris. Excludes disposal.

04 01 20 41 Unit Masonry Stabilization *(04 01 20)*

04 01 20 41-0001 Masonry Repair (Helifix®) *(04 01 20 41)*

04 01 20 41-0002 Grouted Ties For Stabilizing Solid Masonry (Helifix® CemTie) *(04 01 20 41-0001)*

Note: Austenitic stainless steel. For stabilizing solid masonry. Includes drilling, cementitious grout and patching surface.

04 01 20 41-0003 304 Stainless Steel Helical Pin, Grouted Ties For Stabilizing Solid Masonry (Helifix® CemTie) *(04 01 20 41-0002)*

04 01 20 41-0004	EA	8mm Diameter, 350mm Length, 304 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie)		22.16	
		For Up To 10, Add		*10.14*	
		For >10 To 50, Add		*5.07*	
04 01 20 41-0005	EA	8mm Diameter, 600mm Length, 304 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie)		31.60	
		For Up To 10, Add		*10.14*	
		For >10 To 50, Add		*5.07*	
04 01 20 41-0006	EA	8mm Diameter, 900mm Length, 304 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie)		41.86	
		For Up To 10, Add		*10.14*	
		For >10 To 50, Add		*5.07*	

04 01 20 41-0007 316 Stainless Steel Helical Pin, Grouted Ties For Stabilizing Solid Masonry (Helifix® CemTie) *(04 01 20 41-0002)*

04 01 20 41-0008	EA	8mm Diameter, 350mm Length, 316 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie)		24.21	
		For Up To 10, Add		*10.14*	
		For >10 To 50, Add		*5.07*	
04 01 20 41-0009	EA	8mm Diameter, 600mm Length, 316 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie)		35.24	
		For Up To 10, Add		*10.14*	
		For >10 To 50, Add		*5.07*	
04 01 20 41-0010	EA	8mm Diameter, 900mm Length, 316 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie)		47.31	
		For Up To 10, Add		*10.14*	
		For >10 To 50, Add		*5.07*	

04 01 20 41-0011 Ties For Stitching Masonry Cracks (Helifix® Helibar) *(04 01 20 41-0001)*

Note: Austenitic stainless steel. For stabilizing cracked masonry. Includes removing horizontal mortar and re-pointing mortar bed. Includes cementitious grout. Excludes repairing vertical crack.

04 01 20 41-0012 304 Stainless Steel Helical Pin, Ties For Stitching Masonry Cracks (Helifix® Helibar) *(04 01 20 41-0011)*

04 01 20 41-0013	EA	4.5mm Diameter, 1m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)		60.30	
		For Up To 10, Add		*40.56*	
		For >10 To 50, Add		*20.28*	
04 01 20 41-0014	EA	4.5mm Diameter, 1.2m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)		65.66	
		For Up To 10, Add		*40.56*	
		For >10 To 50, Add		*20.28*	
04 01 20 41-0015	EA	4.5mm Diameter, 7m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)		190.14	
		For Up To 10, Add		*40.56*	
		For >10 To 50, Add		*20.28*	
04 01 20 41-0016	EA	6mm Diameter, 1m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)		60.30	
		For Up To 10, Add		*40.56*	
		For >10 To 50, Add		*20.28*	
04 01 20 41-0017	EA	6mm Diameter, 1.2m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)		65.66	
		For Up To 10, Add		*40.56*	
		For >10 To 50, Add		*20.28*	
04 01 20 41-0018	EA	6mm Diameter, 1.5m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)		71.77	
		For Up To 10, Add		*40.56*	
		For >10 To 50, Add		*20.28*	
04 01 20 41-0019	EA	6mm Diameter, 2m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)		83.23	
		For Up To 10, Add		*40.56*	
		For >10 To 50, Add		*20.28*	
04 01 20 41-0020	EA	6mm Diameter, 7m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)		190.14	
		For Up To 10, Add		*40.56*	
		For >10 To 50, Add		*20.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0021		316 Stainless Steel Helical Pin, Ties For Stitching Masonry Cracks (Helifix® Helibar) *(04 01 20 41-0011)*		
04 01 20 41-0022	EA	4.5mm Diameter, 1m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	63.22	
		For Up To 10, Add	*40.56*	
		For >10 To 50, Add	*20.28*	
04 01 20 41-0023	EA	4.5mm Diameter, 1.2m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	69.56	
		For Up To 10, Add	*40.56*	
		For >10 To 50, Add	*20.28*	
04 01 20 41-0024	EA	4.5mm Diameter, 7m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	214.48	
		For Up To 10, Add	*40.56*	
		For >10 To 50, Add	*20.28*	
04 01 20 41-0025	EA	6mm Diameter, 1m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	63.22	
		For Up To 10, Add	*40.56*	
		For >10 To 50, Add	*20.28*	
04 01 20 41-0026	EA	6mm Diameter, 1.2m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	69.56	
		For Up To 10, Add	*40.56*	
		For >10 To 50, Add	*20.28*	
04 01 20 41-0027	EA	6mm Diameter, 1.5m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	76.63	
		For Up To 10, Add	*40.56*	
		For >10 To 50, Add	*20.28*	
04 01 20 41-0028	EA	6mm Diameter, 2m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	90.05	
		For Up To 10, Add	*40.56*	
		For >10 To 50, Add	*20.28*	
04 01 20 41-0029	EA	6mm Diameter, 7m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	214.48	
		For Up To 10, Add	*40.56*	
		For >10 To 50, Add	*20.28*	
04 01 20 41-0030		Mechanical Repair Anchors (Helifix® TorkFix) *(04 01 20 41-0001)*		
		Note: Austenitic stainless steel. For stabilizing masonry veneer walls to inner wythes of brick, concrete block, wood studs or steel studs. Includes drilling and patching surface.		
04 01 20 41-0031		304 Stainless Steel, Mechanical Repair Anchors (Helifix® TorkFix) *(04 01 20 41-0030)*		
04 01 20 41-0032	EA	4-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	11.26	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
04 01 20 41-0033	EA	5-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	12.22	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
04 01 20 41-0034	EA	6-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	13.18	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
04 01 20 41-0035	EA	7-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	14.14	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
04 01 20 41-0036	EA	8-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	15.11	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
04 01 20 41-0037	EA	9-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	16.07	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
04 01 20 41-0038	EA	4-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	11.26	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
04 01 20 41-0039	EA	5-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	12.22	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
04 01 20 41-0040	EA	6-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	13.18	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
04 01 20 41-0041	EA	7-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	14.14	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
04 01 20 41-0042	EA	8-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	15.11	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
04 01 20 41-0043	EA	10-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	17.03	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
04 01 20 41-0044	EA	4-1/2" Length, 304 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)	11.26	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
04 01 20 41-0045	EA	6-1/2" Length, 304 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)	13.18	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
04 01 20 41-0046	EA	8" Length, 304 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)	14.62	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0047		316 Stainless Steel, Mechanical Repair Anchors (Helifix® TorkFix) *(04 01 20 41-0030)*		
04 01 20 41-0048	EA	4-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	11.26	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
04 01 20 41-0049	EA	5-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	12.22	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
04 01 20 41-0050	EA	6-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	13.18	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
04 01 20 41-0051	EA	7-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	14.14	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
04 01 20 41-0052	EA	8-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	15.11	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
04 01 20 41-0053	EA	9-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	16.07	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
04 01 20 41-0054	EA	4-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	11.26	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
04 01 20 41-0055	EA	5-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	12.22	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
04 01 20 41-0056	EA	6-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	13.18	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
04 01 20 41-0057	EA	7-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	14.14	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
04 01 20 41-0058	EA	8-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	15.11	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
04 01 20 41-0059	EA	10-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	17.03	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
04 01 20 41-0060	EA	4-1/2" Length, 316 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)	11.26	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
04 01 20 41-0061	EA	6-1/2" Length, 316 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)	13.18	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
04 01 20 41-0062	EA	8" Length, 316 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)	14.62	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
04 01 20 41-0063		Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) *(04 01 20 41-0001)*		
		Note: Austenitic stainless steel. For pinning stucco, terracotta, granite, marble, etc., to concrete block, brick or solid concrete. Includes drilling and patching surface.		
04 01 20 41-0064		304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) *(04 01 20 41-0063)*		
04 01 20 41-0065	EA	8mm Diameter, 115mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.00	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0066	EA	8mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.34	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0067	EA	8mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.41	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0068	EA	8mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.55	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0069	EA	8mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.80	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0070	EA	8mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.02	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0071	EA	8mm Diameter, 270mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.12	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0072	EA	8mm Diameter, 295mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.26	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0073	EA	8mm Diameter, 325mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.87	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0074	EA	8mm Diameter, 350mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.96	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0075	EA	8mm Diameter, 400mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.70	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0076	EA	8mm Diameter, 450mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	12.32	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0077	EA	8mm Diameter, 500mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	12.86	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0078	EA	8mm Diameter, 550mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	14.75	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0079	EA	8mm Diameter, 600mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	16.43	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0080	EA	8mm Diameter, 700mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	18.66	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0081	EA	10mm Diameter, 125mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.11	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0082	EA	10mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.49	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0083	EA	10mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.82	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0084	EA	10mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.12	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0085	EA	10mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.31	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0086	EA	10mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.45	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0087	EA	10mm Diameter, 270mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.67	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0088	EA	10mm Diameter, 300mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.77	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0089	EA	10mm Diameter, 350mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.20	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0090	EA	10mm Diameter, 400mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.82	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0091	EA	10mm Diameter, 450mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	12.34	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0092	EA	10mm Diameter, 500mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	12.99	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0093	EA	10mm Diameter, 550mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	16.53	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0094	EA	10mm Diameter, 600mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	18.52	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0095	EA	10mm Diameter, 700mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	21.59	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0096	EA	8mm Tapered To 6.5mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	9.92	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0097	EA	8mm Tapered To 6.5mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.14	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0098	EA	8mm Tapered To 6.5mm Diameter, 185mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.29	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0099	EA	8mm Tapered To 6.5mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.39	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0100	EA	8mm Tapered To 6.5mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.70	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0101	EA	8mm Tapered To 6.5mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.19	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0102	EA	8mm Tapered To 6.5mm Diameter, 270mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.37	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0103	EA	8mm Tapered To 6.5mm Diameter, 295mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.86	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0104	EA	10mm Tapered To 8mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.50	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0105	EA	10mm Tapered To 8mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.92	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0106	EA	10mm Tapered To 8mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.22	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0107	EA	10mm Tapered To 8mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.41	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0108	EA	10mm Tapered To 8mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.54	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0109	EA	10mm Tapered To 8mm Diameter, 300mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.86	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0110	EA	304 Stainless Steel, Seismic Connector (Helifix® DryFix®) Note: For installation over the DryFix® helical pin. Excludes removal of grout from the horizontal mortar joint and installation of Helibar or 9 gauge continuous wire.	4.77	
		For Up To 10, Add	*3.04*	
		For >10 To 50, Add	*1.52*	

04 01 20 41-0111 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) *(04 01 20 41-0063)*

04 01 20 41-0112	EA	8mm Diameter, 115mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.54	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0113	EA	8mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.98	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0114	EA	8mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.06	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0115	EA	8mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.24	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0116	EA	8mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.55	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0117	EA	8mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.81	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0118	EA	8mm Diameter, 270mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.95	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0119	EA	8mm Diameter, 295mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.12	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0120	EA	8mm Diameter, 325mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.76	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0121	EA	8mm Diameter, 350mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.87	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0122	EA	8mm Diameter, 400mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	12.79	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0123	EA	8mm Diameter, 450mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	13.57	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0124	EA	8mm Diameter, 500mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	14.25	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0125	EA	8mm Diameter, 550mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	16.60	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0126	EA	8mm Diameter, 600mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	18.51	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0127	EA	8mm Diameter, 700mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	21.30	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0128	EA	10mm Diameter, 125mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.77	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0129	EA	10mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.19	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0130	EA	10mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.61	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0131	EA	10mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.99	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0132	EA	10mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.23	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0133	EA	10mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.39	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0134	EA	10mm Diameter, 270mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.67	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0135	EA	10mm Diameter, 300mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.79	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0136	EA	10mm Diameter, 350mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	12.30	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0137	EA	10mm Diameter, 400mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	12.99	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0138	EA	10mm Diameter, 450mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	13.64	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0139	EA	10mm Diameter, 500mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	14.46	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0140	EA	10mm Diameter, 550mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	18.88	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0141	EA	10mm Diameter, 600mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	21.00	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0142	EA	10mm Diameter, 700mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	24.84	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0143	EA	8mm Tapered To 6.5mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.80	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0144	EA	8mm Tapered To 6.5mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.04	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0145	EA	8mm Tapered To 6.5mm Diameter, 185mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.21	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0146	EA	8mm Tapered To 6.5mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.35	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0147	EA	8mm Tapered To 6.5mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.73	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0148	EA	8mm Tapered To 6.5mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	12.35	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0149	EA	8mm Tapered To 6.5mm Diameter, 270mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	12.55	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0150	EA	8mm Tapered To 6.5mm Diameter, 295mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	13.15	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0151	EA	10mm Tapered To 8mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.42	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0152	EA	10mm Tapered To 8mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.95	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0153	EA	10mm Tapered To 8mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	12.32	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0154	EA	10mm Tapered To 8mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	12.56	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0155	EA	10mm Tapered To 8mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	12.73	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0156	EA	10mm Tapered To 8mm Diameter, 300mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	13.12	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
		For Metal Stud Clip, Add	*2.49*	
04 01 20 41-0157	EA	316 Stainless Steel, Seismic Connector (Helifix® DryFix®)	5.20	
		Note: For installation over the DryFix® helical pin. Excludes removal of grout from the horizontal mortar joint and installation of Helibar or 9 gauge continuous wire.		
		For Up To 10, Add	*3.04*	
		For >10 To 50, Add	*1.52*	

04 01 20 41-0158 Concrete Patching Pins (Helifix® PatchPin) *(04 01 20 41-0001)*

Note: Austenitic stainless steel. For patching reinforced concrete. Includes drilling. Excludes patching mortar.

04 01 20 41-0159 304 Stainless Steel Helical Pin, Concrete Patching Pins (Helifix® PatchPin) *(04 01 20 41-0158)*

04 01 20 41-0160	EA	8mm Diameter, 70mm Length, 304 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin)	7.66	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
04 01 20 41-0161	EA	8mm Diameter, 102mm Length, 304 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin)	7.70	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	

04 01 20 41-0162 316 Stainless Steel Helical Pin, Concrete Patching Pins (Helifix® PatchPin) *(04 01 20 41-0158)*

04 01 20 41-0163	EA	8mm Diameter, 70mm Length, 316 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin)	7.95	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	
04 01 20 41-0164	EA	8mm Diameter, 102mm Length, 316 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin)	8.02	
		For Up To 10, Add	*6.08*	
		For >10 To 50, Add	*3.04*	

04 01 20 41-0165 Movement Joint Ties (Helifix® Movement Joint Tie *(04 01 20 41-0001)*

Note: Austenitic stainless steel. For creating movement joints in existing walls. Includes removing horizontal mortar and re-pointing mortar bed. Includes cementitious grout.

04 01 20 41-0166 304 Stainless Steel Helical Pin, Movement Joint Ties (Helifix® Movement Joint Tie) *(04 01 20 41-0165)*

04 01 20 41-0167	EA	6mm Diameter, 400mm Length, 304 Stainless Steel Helical Pin, Movement Joint Tie With De-Bond Sleeve (Helifix® Movement Joint Tie)	49.58	
		For Up To 10, Add	*40.56*	
		For >10 To 50, Add	*20.28*	

04 01 20 41-0168 316 Stainless Steel Helical Pin, Movement Joint Ties (Helifix® Movement Joint Tie) *(04 01 20 41-0165)*

04 01 20 41-0169	EA	6mm Diameter, 400mm Length, 316 Stainless Steel Helical Pin, Movement Joint Tie With De-Bond Sleeve (Helifix® Movement Joint Tie)	50.93	
		For Up To 10, Add	*40.56*	
		For >10 To 50, Add	*20.28*	

04 01 20 41-0170 Unit Masonry Stabilization *(04 01 20 41)*

04 01 20 41-0171 Repair Bulging Or Loose Masonry *(04 01 20 41-0170)*

04 01 20 41-0172	SF	Repair Bulging Or Loose Masonry Using Existing Masonry	88.05	
		Note: Includes saw cutting, toothing, removing loose masonry, installing anchor and reinstalling brick and mortar.		
04 01 20 41-0173	SF	Repair Bulging Or Loose Masonry Using New Masonry	93.83	
		Note: Includes saw cutting, toothing, removing loose masonry, installing anchor and installing new brick and mortar.		

04 01 20 51 Unit Masonry Maintenance *(04 01 20)*

04 01 20 51-0001 Repair Masonry *(04 01 20 51)*

Note: Includes mortar for repair.

04 01 20 51-0002	SF	Patch And Repair Terra Cotta Walls Or Coping	21.08	
		Note: Including Replacement Of Damaged Material		
04 01 20 51-0003	SF	Patch And Repair Terra Cotta Floors	19.64	
		Note: Including Replacement Of Damaged Material		
04 01 20 51-0004	LF	Chip And Repair With Masonry Patch, Cracks Up To 1/4"	4.70	
04 01 20 51-0005	SF	Patching Over Masonry Surface With Elastomeric Paint Using A Trowel 6" Blade	8.29	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 51-0006	LF	Pressure Grout Block/Brick Using LA City RGA Rule Of General Application 1-91 (Portland Cement Base)	441.76	
04 01 20 51-0007	LF	Pressure Grout Block/Brick Master Builders RHEOCEM 900 (Portland Cement Base)	126.03	
04 01 20 51-0008	LF	Up To 1/4" Wide, Water Activated Polyurethane Foam Grout, Non-Structural Crack Repair For Masonry, Installed With Automated Injection Equipment (SealBoss 1570)	38.05	
		For Cracks Accessible From Both Sides, Add	*7.73*	
04 01 20 51-0009	LF	Up To 1/4" Wide, Moisture Tolerant, High Viscosity, High Strength Epoxy Resin, Structural Crack Repair For Masonry, Installed With Automated Injection Equipment (Sikadur® 52)	33.76	
		For Cracks Accessible From Both Sides, Add	*7.73*	
04 01 20 51-0010	LF	Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Masonry, Surface Applied Trowel (Sikadur® 52)	9.39	
		For V-Grooving Crack With Grinder, Add	*6.79*	
04 01 20 51-0011	LF	>1/4" To 1/2" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Masonry, Surface Applied With Trowel (Sikadur® 52)	12.60	
		For V-Grooving Crack With Grinder, Add	*6.44*	

04 01 20 51-0012 Grind Unit Masonry *(04 01 20 51)*

04 01 20 51-0013	SF	Grind Smooth Masonry Wall	4.13	

04 01 20 52 Unit Masonry Cleaning *(04 01 20)*

See CSI section 09 01 90 52-0002 for cleaning of unit masonry surfaces.

04 01 20 91 Unit Masonry Restoration *(04 01 20)*

See CSI section 03 01 30 71-0057 for crack repair.

04 01 20 91-0001 Cut And Repoint Masonry *(04 01 20 91)*

Note: Remove existing mortar to 3/4" depth. Repoint with pointing mortar. Includes pointing mortar, cutting, rinsing and cleaning joint.

04 01 20 91-0002	SF	Cut And Repoint, Hard Mortar, Running Bond, Brick	10.23	
		For Common Bond, Add	*0.38*	
		For Flemish Bond, Add	*1.33*	
		For English Bond, Add	*2.19*	
		For Oversized Or Larger Than Standard, Deduct	*-1.53*	
		For >250 To 1,000, Deduct	*-0.48*	
		For >1,000, Deduct	*-0.99*	
04 01 20 91-0003	SF	Cut And Repoint, Soft, Loose Or Crumbling Mortar, Running Bond, Brick	7.18	
		For Common Bond, Add	*0.26*	
		For Flemish Bond, Add	*0.90*	
		For English Bond, Add	*1.48*	
		For Oversized Or Larger Than Standard, Deduct	*-1.08*	
		For >250 To 1,000, Deduct	*-0.32*	
		For >1,000, Deduct	*-0.68*	
04 01 20 91-0004	SF	Cut And Repoint, Hard Mortar, Running Bond, Concrete Block	5.53	
		For Common Bond, Add	*0.19*	
		For Oversized Or Larger Than Standard, Deduct	*-0.83*	
		For >250 To 1,000, Deduct	*-0.24*	
		For >1,000, Deduct	*-0.52*	
04 01 20 91-0005	SF	Cut And Repoint, Soft, Loose Or Crumbling Mortar, Running Bond, Concrete Block	4.00	
		For Common Bond, Add	*0.13*	
		For Oversized Or Larger Than Standard, Deduct	*-0.60*	
		For >250 To 1,000, Deduct	*-0.16*	
		For >1,000, Deduct	*-0.36*	
04 01 20 91-0006	LF	Cut And Repoint Brick/Block, Irregular Shapes And Other Than Complete SF Area	3.37	

04 01 50 Maintenance of Refractory Masonry *(04 01)*

04 01 50 52 Refractory Masonry Cleaning *(04 01 50)*

04 01 50 52-0001 Chimney Cleaning *(04 01 50 52)*

04 01 50 52-0002	LF	Up To 2 SF Cross Section Chimney Cleaning	8.25	
04 01 50 52-0003	LF	>2 To 4 SF Cross Section Chimney Cleaning	16.48	
04 01 50 52-0004	LF	>4 SF Cross Section Chimney Cleaning	24.73	

04 05 Common Work Results for Masonry *(04)*

04 05 13 Masonry Mortaring *(04 05)*

04 05 13 26 Engineered Masonry Mortaring *(04 05 13)*

Note: Mortar, sand and standard supplements are included in the cost of brick, block, stone, simulated or synthetic masonry units.

04 05 13 26-0001 Masonry Cement Mortar *(04 05 13 26)*

Note: Ratio is bag material to sand.

04 05 13 26-0002	CF	Type M Masonry Cement 1:1:6 Mix	8.80	
04 05 13 26-0003	CF	Type N Masonry Cement 1:3 Mix	8.12	
04 05 13 26-0004	CF	Type O Masonry Cement 1:3 Mix	8.34	
04 05 13 26-0005	CF	Type PM Masonry Cement 1:1:6 Mix, 2,500 PSI	9.12	
04 05 13 26-0006	CF	Type S Masonry Cement 1/2:1:4 Mix	9.62	

04 05 13 26-0007 Mortar Admixture *(04 05 13 26)*

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 13 26-0008		CF	Water - Repellent Stearate - Cost Based On CF Of Mortar	0.46	
04 05 13 26-0009		CF	Pozzolanic Plasticizers - Cost Based On CF Of Mortar	0.08	
04 05 13 26-0010			Color Admixtures For Mortar *(04 05 13 26)*		
			Note: Costs are based on CF of mortar.		
04 05 13 26-0011		CF	Buff Colored Admixture	2.89	
04 05 13 26-0012		CF	Brown Colored Admixture	3.28	
04 05 13 26-0013		CF	Black Colored Admixture	4.05	
04 05 13 26-0014		CF	Red Colored Admixture	8.87	
04 05 13 26-0015			Portland Cement *(04 05 13 26)*		
04 05 13 26-0016		CF	Normal Portland Cement (Type I)	15.38	
04 05 13 26-0017		CF	Modified Portland Cement (Type II)	7.67	
04 05 13 26-0018		CF	High Early Strength Portland Cement (Type III)	8.14	
04 05 13 26-0019		CF	White Non-Staining Portland Cement (Type I)	17.05	

04 05 16 Masonry Grouting *(04 05)*

04 05 16 26 Engineered Masonry Grouting *(04 05 16)*

Note: Excludes reinforcement.

04 05 16 26-0001			Grout Bond Beams And Lintels, Grout Fill *(04 05 16 26)*		
			Note: Excludes block.		
04 05 16 26-0002		LF	Grout Bond Beams And Lintels - 6" Block, Grout Fill Only, 0.1125 CF/LF, 8" Deep	4.68	
04 05 16 26-0003		LF	Grout Bond Beams And Lintels - 8" Block, Grout Fill Only, 0.20 CF/LF, 8" Deep	5.11	
04 05 16 26-0004		LF	Grout Bond Beams And Lintels - 10" Block, Grout Fill Only, 0.25 CF/LF, 8" Deep	5.72	
04 05 16 26-0005		LF	Grout Bond Beams And Lintels, 12" Block, Grout Fill Only, 0.30 CF/LF, 8" Deep	6.40	
04 05 16 26-0006			Grout Concrete Block Cores, Grout Fill *(04 05 16 26)*		
			Note: Per SF of face area filled.		
04 05 16 26-0007		SF	Grout Concrete Block Cores- 4" Block, Grout Fill Block Solid (0.067 CF/SF)	3.61	
04 05 16 26-0008		SF	Grout Concrete Block Cores- 6" Block, Grout Fill Block Solid (0.175 CF/SF)	5.29	
04 05 16 26-0009		SF	Grout Concrete Block Cores- 8" Block, Grout Fill Block Solid (0.258 CF/SF)	7.56	
04 05 16 26-0010		SF	Grout Concrete Block Cores- 10" Block, Grout Fill Block Solid (0.34 CF/SF)	9.30	
04 05 16 26-0011		SF	Grout Concrete Block Cores- 12" Block, Grout Fill Block Solid (0.422 CF/SF)	10.99	
04 05 16 26-0012			Grout Cavity Walls, Grout Fill *(04 05 16 26)*		
			Note: Per SF of face area filled.		
04 05 16 26-0013		SF	Grout Cavity Walls - 2" Space, Grout Fill (0.167 CF/SF)	4.29	
04 05 16 26-0014		SF	Grout Cavity Walls - 3" Space, Grout Fill (0.250 CF/SF)	6.07	
04 05 16 26-0015		SF	Grout Cavity Walls - 4" Space, Grout Fill (0.333 CF/SF)	7.62	
04 05 16 26-0016		SF	Grout Cavity Walls - 6" Space, Grout Fill (0.500 CF/SF)	10.37	
04 05 16 26-0017			Grout Frames, Grout Fill *(04 05 16 26)*		
04 05 16 26-0018		LF	Grout Door Frames - Grout Fill	6.86	
04 05 16 26-0019		LF	Grout Window Frames - Grout Fill	5.88	
04 05 16 26-0020			Sand Filled Walls *(04 05 16 26)*		
04 05 16 26-0021			Sand Fill Cavity Walls, Sand Fill *(04 05 16 26-0020)*		
			Note: Per SF of face area filled.		
04 05 16 26-0022		SF	Sand Fill Cavity Walls - 2" Space, Sand Fill (0.167 CF/SF)	3.43	
04 05 16 26-0023		SF	Sand Fill Cavity Walls - 3" Space, Sand Fill (0.250 CF/SF)	4.74	
04 05 16 26-0024		SF	Sand Fill Cavity Walls - 4" Space, Sand Fill (0.333 CF/SF)	5.82	
04 05 16 26-0025		SF	Sand Fill Cavity Walls - 6" Space, Sand Fill (0.500 CF/SF)	7.73	

04 05 19 Masonry Anchorage and Reinforcing *(04 05)*

04 05 19 13 Continuous Joint Reinforcing *(04 05 19)*

Note: Includes cutting and bending.

04 05 19 13-0001			Continuous Joint Reinforcing *(04 05 19 13)*		
04 05 19 13-0002			Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0001)*		
04 05 19 13-0003			Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0002)*		
04 05 19 13-0004			Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0003)*		
04 05 19 13-0005		CLF	#4 (For 4" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	59.84	
			For Hot-Dipped Galvanized, Add	*10.06*	
			For Stainless Steel, Add	*40.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0006	CLF	#6 (For 6" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	63.58	
		For Hot-Dipped Galvanized, Add	*10.57*	
		For Stainless Steel, Add	*42.28*	
04 05 19 13-0007	CLF	#8 (For 8" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	68.58	
		For Hot-Dipped Galvanized, Add	*11.14*	
		For Stainless Steel, Add	*44.56*	
04 05 19 13-0008	CLF	#10 (For 10" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	74.51	
		For Hot-Dipped Galvanized, Add	*11.79*	
		For Stainless Steel, Add	*47.16*	
04 05 19 13-0009	CLF	#12 (For 12" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	81.43	
		For Hot-Dipped Galvanized, Add	*12.42*	
		For Stainless Steel, Add	*49.68*	
04 05 19 13-0010	CLF	#13 (For 13" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	86.58	
		For Hot-Dipped Galvanized, Add	*12.73*	
		For Stainless Steel, Add	*50.92*	
04 05 19 13-0011	CLF	#14 (For 14" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	90.33	
		For Hot-Dipped Galvanized, Add	*13.08*	
		For Stainless Steel, Add	*52.32*	
04 05 19 13-0012	CLF	#16 (For 16" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	104.20	
		For Hot-Dipped Galvanized, Add	*17.98*	
		For Stainless Steel, Add	*71.92*	
04 05 19 13-0013	CLF	#18 (For 18" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	127.91	
		For Hot-Dipped Galvanized, Add	*27.80*	
		For Stainless Steel, Add	*111.18*	
04 05 19 13-0014		**Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement** *(04 05 19 13-0003)*		
04 05 19 13-0015	CLF	#4 (For 4" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	71.01	
		For Hot-Dipped Galvanized, Add	*15.64*	
		For Stainless Steel, Add	*62.56*	
04 05 19 13-0016	CLF	#6 (For 6" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	74.86	
		For Hot-Dipped Galvanized, Add	*16.21*	
		For Stainless Steel, Add	*64.84*	
04 05 19 13-0017	CLF	#8 (For 8" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	79.98	
		For Hot-Dipped Galvanized, Add	*16.84*	
		For Stainless Steel, Add	*67.36*	
04 05 19 13-0018	CLF	#10 (For 10" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	85.78	
		For Hot-Dipped Galvanized, Add	*17.43*	
		For Stainless Steel, Add	*69.70*	
04 05 19 13-0019	CLF	#12 (For 12" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	92.68	
		For Hot-Dipped Galvanized, Add	*18.05*	
		For Stainless Steel, Add	*72.18*	
04 05 19 13-0020	CLF	#13 (For 13" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	97.87	
		For Hot-Dipped Galvanized, Add	*18.39*	
		For Stainless Steel, Add	*73.54*	
04 05 19 13-0021	CLF	#14 (For 14" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	101.56	
		For Hot-Dipped Galvanized, Add	*18.69*	
		For Stainless Steel, Add	*74.76*	
04 05 19 13-0022	CLF	#16 (For 16" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	119.04	
		For Hot-Dipped Galvanized, Add	*25.40*	
		For Stainless Steel, Add	*101.60*	
04 05 19 13-0023	CLF	#18 (For 18" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	153.36	
		For Hot-Dipped Galvanized, Add	*40.53*	
		For Stainless Steel, Add	*162.10*	
04 05 19 13-0024		**Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement** *(04 05 19 13-0003)*		
04 05 19 13-0025	CLF	#4 (For 4" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	81.83	
		For Hot-Dipped Galvanized, Add	*21.05*	
		For Stainless Steel, Add	*84.20*	
04 05 19 13-0026	CLF	#6 (For 6" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	87.20	
		For Hot-Dipped Galvanized, Add	*22.21*	
		For Stainless Steel, Add	*88.82*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0027		CLF	#8 (For 8" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	92.56	
			For Hot-Dipped Galvanized, Add	*23.36*	
			For Stainless Steel, Add	*93.44*	
04 05 19 13-0028		CLF	#10 (For 10" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	100.42	
			For Hot-Dipped Galvanized, Add	*24.75*	
			For Stainless Steel, Add	*98.98*	
04 05 19 13-0029		CLF	#12 (For 12" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	108.27	
			For Hot-Dipped Galvanized, Add	*26.12*	
			For Stainless Steel, Add	*104.48*	
04 05 19 13-0030		CLF	#13 (For 13" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	114.83	
			For Hot-Dipped Galvanized, Add	*26.86*	
			For Stainless Steel, Add	*107.42*	
04 05 19 13-0031		CLF	#14 (For 14" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	118.65	
			For Hot-Dipped Galvanized, Add	*27.49*	
			For Stainless Steel, Add	*109.96*	
04 05 19 13-0032		CLF	#16 (For 16" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	125.76	
			For Hot-Dipped Galvanized, Add	*28.76*	
			For Stainless Steel, Add	*115.02*	
04 05 19 13-0033		CLF	#18 (For 18" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	167.86	
			For Hot-Dipped Galvanized, Add	*47.77*	
			For Stainless Steel, Add	*191.06*	

04 05 19 13-0034 Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0003)*

04 05 19 13-0035		CLF	#4 (For 4" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	85.55	
			For Hot-Dipped Galvanized, Add	*22.91*	
			For Stainless Steel, Add	*91.64*	
04 05 19 13-0036		CLF	#6 (For 6" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	89.25	
			For Hot-Dipped Galvanized, Add	*23.41*	
			For Stainless Steel, Add	*93.62*	
04 05 19 13-0037		CLF	#8 (For 8" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	94.26	
			For Hot-Dipped Galvanized, Add	*23.98*	
			For Stainless Steel, Add	*95.92*	
04 05 19 13-0038		CLF	#10 (For 10" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	100.18	
			For Hot-Dipped Galvanized, Add	*24.63*	
			For Stainless Steel, Add	*98.50*	
04 05 19 13-0039		CLF	#12 (For 12" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	107.11	
			For Hot-Dipped Galvanized, Add	*25.26*	
			For Stainless Steel, Add	*101.02*	
04 05 19 13-0040		CLF	#13 (For 13" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	112.25	
			For Hot-Dipped Galvanized, Add	*25.57*	
			For Stainless Steel, Add	*102.26*	
04 05 19 13-0041		CLF	#14 (For 14" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	115.99	
			For Hot-Dipped Galvanized, Add	*25.92*	
			For Stainless Steel, Add	*103.66*	
04 05 19 13-0042		CLF	#16 (For 16" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	129.89	
			For Hot-Dipped Galvanized, Add	*30.82*	
			For Stainless Steel, Add	*123.28*	

04 05 19 13-0043 Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0003)*

04 05 19 13-0044		CLF	#4 (For 4" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	96.70	
			For Hot-Dipped Galvanized, Add	*28.49*	
			For Stainless Steel, Add	*113.94*	
04 05 19 13-0045		CLF	#6 (For 6" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	100.55	
			For Hot-Dipped Galvanized, Add	*29.06*	
			For Stainless Steel, Add	*116.22*	
04 05 19 13-0046		CLF	#8 (For 8" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	105.68	
			For Hot-Dipped Galvanized, Add	*29.69*	
			For Stainless Steel, Add	*118.76*	
04 05 19 13-0047		CLF	#10 (For 10" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	111.48	
			For Hot-Dipped Galvanized, Add	*30.28*	
			For Stainless Steel, Add	*121.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0048	CLF	#12 (For 12" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	118.38	
		For Hot-Dipped Galvanized, Add	*30.89*	
		For Stainless Steel, Add	*123.56*	
04 05 19 13-0049	CLF	#13 (For 13" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	123.56	
		For Hot-Dipped Galvanized, Add	*31.23*	
		For Stainless Steel, Add	*124.92*	
04 05 19 13-0050	CLF	#14 (For 14" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	127.24	
		For Hot-Dipped Galvanized, Add	*31.54*	
		For Stainless Steel, Add	*126.14*	
04 05 19 13-0051	CLF	#16 (For 16" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	144.73	
		For Hot-Dipped Galvanized, Add	*38.25*	
		For Stainless Steel, Add	*152.98*	
04 05 19 13-0052	CLF	#18 (For 18" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	179.05	
		For Hot-Dipped Galvanized, Add	*53.38*	
		For Stainless Steel, Add	*213.50*	
04 05 19 13-0053		Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0003)*		
04 05 19 13-0054	CLF	#4 (For 4" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	107.50	
		For Hot-Dipped Galvanized, Add	*33.89*	
		For Stainless Steel, Add	*135.54*	
04 05 19 13-0055	CLF	#6 (For 6" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	112.88	
		For Hot-Dipped Galvanized, Add	*35.05*	
		For Stainless Steel, Add	*140.18*	
04 05 19 13-0056	CLF	#8 (For 8" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	118.25	
		For Hot-Dipped Galvanized, Add	*36.21*	
		For Stainless Steel, Add	*144.82*	
04 05 19 13-0057	CLF	#10 (For 10" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	126.10	
		For Hot-Dipped Galvanized, Add	*37.59*	
		For Stainless Steel, Add	*150.34*	
04 05 19 13-0058	CLF	#12 (For 12" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	133.95	
		For Hot-Dipped Galvanized, Add	*38.96*	
		For Stainless Steel, Add	*155.84*	
04 05 19 13-0059	CLF	#13 (For 13" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	140.51	
		For Hot-Dipped Galvanized, Add	*39.70*	
		For Stainless Steel, Add	*158.78*	
04 05 19 13-0060	CLF	#14 (For 14" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	144.32	
		For Hot-Dipped Galvanized, Add	*40.33*	
		For Stainless Steel, Add	*161.30*	
04 05 19 13-0061	CLF	#16 (For 16" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	151.43	
		For Hot-Dipped Galvanized, Add	*41.59*	
		For Stainless Steel, Add	*166.36*	
04 05 19 13-0062	CLF	#18 (For 18" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	193.55	
		For Hot-Dipped Galvanized, Add	*60.61*	
		For Stainless Steel, Add	*242.44*	
04 05 19 13-0063		Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0003)*		
04 05 19 13-0064	CLF	#4 (For 4" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	111.23	
		For Hot-Dipped Galvanized, Add	*35.75*	
		For Stainless Steel, Add	*143.00*	
04 05 19 13-0065	CLF	#6 (For 6" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	114.93	
		For Hot-Dipped Galvanized, Add	*36.25*	
		For Stainless Steel, Add	*144.98*	
04 05 19 13-0066	CLF	#8 (For 8" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	119.94	
		For Hot-Dipped Galvanized, Add	*36.82*	
		For Stainless Steel, Add	*147.28*	
04 05 19 13-0067	CLF	#10 (For 10" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	125.86	
		For Hot-Dipped Galvanized, Add	*37.47*	
		For Stainless Steel, Add	*149.86*	
04 05 19 13-0068	CLF	#12 (For 12" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	132.79	
		For Hot-Dipped Galvanized, Add	*38.10*	
		For Stainless Steel, Add	*152.38*	

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	MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0069	CLF #13 (For 13" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	137.93	
	For Hot-Dipped Galvanized, Add	*38.41*	
	For Stainless Steel, Add	*153.62*	
04 05 19 13-0070	CLF #14 (For 14" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	141.67	
	For Hot-Dipped Galvanized, Add	*38.76*	
	For Stainless Steel, Add	*155.02*	
04 05 19 13-0071	CLF #16 (For 16" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	155.57	
	For Hot-Dipped Galvanized, Add	*43.66*	
	For Stainless Steel, Add	*174.64*	
04 05 19 13-0072	CLF #18 (For 18" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	179.26	
	For Hot-Dipped Galvanized, Add	*53.48*	
	For Stainless Steel, Add	*213.90*	

04 05 19 13-0073 Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0003)*

04 05 19 13-0074	CLF #4 (For 4" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	122.38	
	For Hot-Dipped Galvanized, Add	*41.33*	
	For Stainless Steel, Add	*165.30*	
04 05 19 13-0075	CLF #6 (For 6" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	126.23	
	For Hot-Dipped Galvanized, Add	*41.90*	
	For Stainless Steel, Add	*167.58*	
04 05 19 13-0076	CLF #8 (For 8" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	131.36	
	For Hot-Dipped Galvanized, Add	*42.53*	
	For Stainless Steel, Add	*170.12*	
04 05 19 13-0077	CLF #10 (For 10" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, Four-Wire, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	137.16	
	For Hot-Dipped Galvanized, Add	*43.12*	
	For Stainless Steel, Add	*172.46*	
04 05 19 13-0078	CLF #12 (For 12" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	144.06	
	For Hot-Dipped Galvanized, Add	*43.73*	
	For Stainless Steel, Add	*174.92*	
04 05 19 13-0079	CLF #13 (For 13" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	149.24	
	For Hot-Dipped Galvanized, Add	*44.07*	
	For Stainless Steel, Add	*176.28*	
04 05 19 13-0080	CLF #14 (For 14" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	152.92	
	For Hot-Dipped Galvanized, Add	*44.38*	
	For Stainless Steel, Add	*177.50*	
04 05 19 13-0081	CLF #16 (For 16" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	170.41	
	For Hot-Dipped Galvanized, Add	*51.09*	
	For Stainless Steel, Add	*204.34*	
04 05 19 13-0082	CLF #18 (For 18" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	204.73	
	For Hot-Dipped Galvanized, Add	*66.22*	
	For Stainless Steel, Add	*264.86*	

04 05 19 13-0083 Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0003)*

04 05 19 13-0084	CLF #4 (For 4" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	133.18	
	For Hot-Dipped Galvanized, Add	*46.73*	
	For Stainless Steel, Add	*186.90*	
04 05 19 13-0085	CLF #6 (For 6" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	138.56	
	For Hot-Dipped Galvanized, Add	*47.89*	
	For Stainless Steel, Add	*191.54*	
04 05 19 13-0086	CLF #8 (For 8" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	143.93	
	For Hot-Dipped Galvanized, Add	*49.05*	
	For Stainless Steel, Add	*196.18*	
04 05 19 13-0087	CLF #10 (For 10" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	151.78	
	For Hot-Dipped Galvanized, Add	*50.43*	
	For Stainless Steel, Add	*201.70*	
04 05 19 13-0088	CLF #12 (For 12" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	159.64	
	For Hot-Dipped Galvanized, Add	*51.81*	
	For Stainless Steel, Add	*207.22*	
04 05 19 13-0089	CLF #13 (For 13" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	166.19	
	For Hot-Dipped Galvanized, Add	*52.54*	
	For Stainless Steel, Add	*210.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0090	CLF	#14 (For 14" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	170.01	
		For Hot-Dipped Galvanized, Add	*53.17*	
		For Stainless Steel, Add	*212.68*	
04 05 19 13-0091	CLF	#16 (For 16" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	177.11	
		For Hot-Dipped Galvanized, Add	*54.43*	
		For Stainless Steel, Add	*217.72*	
04 05 19 13-0092	CLF	#18 (For 18" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	219.23	
		For Hot-Dipped Galvanized, Add	*73.45*	
		For Stainless Steel, Add	*293.80*	

04 05 19 13-0093 Ladder-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0002)*

04 05 19 13-0094 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0093)*

04 05 19 13-0095	CLF	#8 (For 8" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	85.78	
		For Hot-Dipped Galvanized, Add	*17.11*	
		For Stainless Steel, Add	*68.42*	
04 05 19 13-0096	CLF	#10 (For 10" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	94.65	
		For Hot-Dipped Galvanized, Add	*18.68*	
		For Stainless Steel, Add	*74.70*	
04 05 19 13-0097	CLF	#12 (For 12" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	103.15	
		For Hot-Dipped Galvanized, Add	*20.06*	
		For Stainless Steel, Add	*80.24*	
04 05 19 13-0098	CLF	#13 (For 13" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	110.49	
		For Hot-Dipped Galvanized, Add	*20.87*	
		For Stainless Steel, Add	*83.46*	
04 05 19 13-0099	CLF	#14 (For 14" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	114.84	
		For Hot-Dipped Galvanized, Add	*21.61*	
		For Stainless Steel, Add	*86.42*	
04 05 19 13-0100	CLF	#16 (For 16" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	123.28	
		For Hot-Dipped Galvanized, Add	*23.25*	
		For Stainless Steel, Add	*93.00*	
04 05 19 13-0101	CLF	#18 (For 18" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	130.58	
		For Hot-Dipped Galvanized, Add	*24.61*	
		For Stainless Steel, Add	*98.44*	

04 05 19 13-0102 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0093)*

04 05 19 13-0103	CLF	#8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	99.68	
		For Hot-Dipped Galvanized, Add	*24.06*	
		For Stainless Steel, Add	*96.22*	
04 05 19 13-0104	CLF	#10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	108.58	
		For Hot-Dipped Galvanized, Add	*25.64*	
		For Stainless Steel, Add	*102.56*	
04 05 19 13-0105	CLF	#12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	116.93	
		For Hot-Dipped Galvanized, Add	*26.95*	
		For Stainless Steel, Add	*107.80*	
04 05 19 13-0106	CLF	#13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	124.42	
		For Hot-Dipped Galvanized, Add	*27.83*	
		For Stainless Steel, Add	*111.32*	
04 05 19 13-0107	CLF	#14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	128.73	
		For Hot-Dipped Galvanized, Add	*28.55*	
		For Stainless Steel, Add	*114.20*	
04 05 19 13-0108	CLF	#16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	137.18	
		For Hot-Dipped Galvanized, Add	*30.20*	
		For Stainless Steel, Add	*120.80*	
04 05 19 13-0109	CLF	#18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	144.66	
		For Hot-Dipped Galvanized, Add	*31.65*	
		For Stainless Steel, Add	*126.60*	

04 05 19 13-0110 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0093)*

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0111		CLF	#8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	106.43	
			For Hot-Dipped Galvanized, Add	*27.43*	
			For Stainless Steel, Add	*109.72*	
04 05 19 13-0112		CLF	#10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	116.93	
			For Hot-Dipped Galvanized, Add	*29.82*	
			For Stainless Steel, Add	*119.26*	
04 05 19 13-0113		CLF	#12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	127.35	
			For Hot-Dipped Galvanized, Add	*32.16*	
			For Stainless Steel, Add	*128.64*	
04 05 19 13-0114		CLF	#13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	135.57	
			For Hot-Dipped Galvanized, Add	*33.41*	
			For Stainless Steel, Add	*133.62*	
04 05 19 13-0115		CLF	#14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	140.72	
			For Hot-Dipped Galvanized, Add	*34.55*	
			For Stainless Steel, Add	*138.18*	
04 05 19 13-0116		CLF	#16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	150.74	
			For Hot-Dipped Galvanized, Add	*36.98*	
			For Stainless Steel, Add	*147.92*	
04 05 19 13-0117		CLF	#18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	160.10	
			For Hot-Dipped Galvanized, Add	*39.37*	
			For Stainless Steel, Add	*157.48*	

04 05 19 13-0118 Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0002)*

04 05 19 13-0119 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0118)*

04 05 19 13-0120		CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	123.19	
			For Hot-Dipped Galvanized, Add	*35.81*	
			For Stainless Steel, Add	*143.24*	
04 05 19 13-0121		CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	131.11	
			For Hot-Dipped Galvanized, Add	*36.91*	
			For Stainless Steel, Add	*147.62*	
04 05 19 13-0122		CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	139.06	
			For Hot-Dipped Galvanized, Add	*38.02*	
			For Stainless Steel, Add	*152.06*	
04 05 19 13-0123		CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	150.12	
			For Hot-Dipped Galvanized, Add	*39.25*	
			For Stainless Steel, Add	*156.98*	
04 05 19 13-0124		CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	157.74	
			For Hot-Dipped Galvanized, Add	*40.48*	
			For Stainless Steel, Add	*161.92*	
04 05 19 13-0125		CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	166.08	
			For Hot-Dipped Galvanized, Add	*42.36*	
			For Stainless Steel, Add	*169.44*	

04 05 19 13-0126 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0118)*

04 05 19 13-0127		CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	144.98	
			For Hot-Dipped Galvanized, Add	*46.71*	
			For Stainless Steel, Add	*186.82*	
04 05 19 13-0128		CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	152.93	
			For Hot-Dipped Galvanized, Add	*47.82*	
			For Stainless Steel, Add	*191.26*	
04 05 19 13-0129		CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	161.15	
			For Hot-Dipped Galvanized, Add	*49.06*	
			For Stainless Steel, Add	*196.24*	
04 05 19 13-0130		CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	171.94	
			For Hot-Dipped Galvanized, Add	*50.16*	
			For Stainless Steel, Add	*200.62*	
04 05 19 13-0131		CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	179.59	
			For Hot-Dipped Galvanized, Add	*51.41*	
			For Stainless Steel, Add	*205.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0132	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	186.66	
		For Hot-Dipped Galvanized, Add	*52.65*	
		For Stainless Steel, Add	*210.60*	

04 05 19 13-0133 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0118)*

04 05 19 13-0134	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	146.58	
		For Hot-Dipped Galvanized, Add	*47.51*	
		For Stainless Steel, Add	*190.02*	
04 05 19 13-0135	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	155.73	
		For Hot-Dipped Galvanized, Add	*49.22*	
		For Stainless Steel, Add	*196.86*	
04 05 19 13-0136	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	164.85	
		For Hot-Dipped Galvanized, Add	*50.91*	
		For Stainless Steel, Add	*203.64*	
04 05 19 13-0137	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	177.55	
		For Hot-Dipped Galvanized, Add	*52.96*	
		For Stainless Steel, Add	*211.84*	
04 05 19 13-0138	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	186.77	
		For Hot-Dipped Galvanized, Add	*55.00*	
		For Stainless Steel, Add	*219.98*	
04 05 19 13-0139	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	195.38	
		For Hot-Dipped Galvanized, Add	*57.01*	
		For Stainless Steel, Add	*228.04*	

04 05 19 13-0140 Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0002)*

04 05 19 13-0141 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0140)*

04 05 19 13-0142	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	132.99	
		For Hot-Dipped Galvanized, Add	*37.85*	
		For Stainless Steel, Add	*151.38*	
04 05 19 13-0143	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	140.87	
		For Hot-Dipped Galvanized, Add	*38.92*	
		For Stainless Steel, Add	*155.68*	
04 05 19 13-0144	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	151.63	
		For Hot-Dipped Galvanized, Add	*40.00*	
		For Stainless Steel, Add	*160.00*	
04 05 19 13-0145	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	159.34	
		For Hot-Dipped Galvanized, Add	*41.28*	
		For Stainless Steel, Add	*165.12*	
04 05 19 13-0146	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	166.39	
		For Hot-Dipped Galvanized, Add	*42.52*	
		For Stainless Steel, Add	*170.06*	
04 05 19 13-0147	CLF	#20 (For 14" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	174.54	
		For Hot-Dipped Galvanized, Add	*45.00*	
		For Stainless Steel, Add	*179.98*	

04 05 19 13-0148 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0140)*

04 05 19 13-0149	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	154.81	
		For Hot-Dipped Galvanized, Add	*48.76*	
		For Stainless Steel, Add	*195.02*	
04 05 19 13-0150	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	162.72	
		For Hot-Dipped Galvanized, Add	*49.85*	
		For Stainless Steel, Add	*199.38*	
04 05 19 13-0151	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	173.79	
		For Hot-Dipped Galvanized, Add	*51.08*	
		For Stainless Steel, Add	*204.32*	
04 05 19 13-0152	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	181.13	
		For Hot-Dipped Galvanized, Add	*52.18*	
		For Stainless Steel, Add	*208.70*	

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	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0153		CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	188.20	
			For Hot-Dipped Galvanized, Add	*53.42*	
			For Stainless Steel, Add	*213.68*	
04 05 19 13-0154		CLF	#20 (For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	196.63	
			For Hot-Dipped Galvanized, Add	*56.04*	
			For Stainless Steel, Add	*224.16*	

04 05 19 13-0155 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0140)*

04 05 19 13-0156		CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	156.35	
			For Hot-Dipped Galvanized, Add	*49.53*	
			For Stainless Steel, Add	*198.10*	
04 05 19 13-0157		CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	165.50	
			For Hot-Dipped Galvanized, Add	*51.24*	
			For Stainless Steel, Add	*204.94*	
04 05 19 13-0158		CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	177.55	
			For Hot-Dipped Galvanized, Add	*52.96*	
			For Stainless Steel, Add	*211.84*	
04 05 19 13-0159		CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	186.77	
			For Hot-Dipped Galvanized, Add	*55.00*	
			For Stainless Steel, Add	*219.98*	
04 05 19 13-0160		CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	195.38	
			For Hot-Dipped Galvanized, Add	*57.01*	
			For Stainless Steel, Add	*228.04*	
04 05 19 13-0161		CLF	#20 (For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	204.37	
			For Hot-Dipped Galvanized, Add	*59.91*	
			For Stainless Steel, Add	*239.64*	

04 05 19 13-0162 Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0002)*

04 05 19 13-0163 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0162)*

04 05 19 13-0164		CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	125.81	
			For Hot-Dipped Galvanized, Add	*34.26*	
			For Stainless Steel, Add	*137.02*	
			For Seismic Hook And Eye, Add	*14.73*	
04 05 19 13-0165		CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	133.32	
			For Hot-Dipped Galvanized, Add	*35.15*	
			For Stainless Steel, Add	*140.58*	
			For Seismic Hook And Eye, Add	*15.11*	
04 05 19 13-0166		CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	143.84	
			For Hot-Dipped Galvanized, Add	*36.11*	
			For Stainless Steel, Add	*144.42*	
			For Seismic Hook And Eye, Add	*15.53*	
04 05 19 13-0167		CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	151.02	
			For Hot-Dipped Galvanized, Add	*37.12*	
			For Stainless Steel, Add	*148.48*	
			For Seismic Hook And Eye, Add	*15.96*	
04 05 19 13-0168		CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	157.73	
			For Hot-Dipped Galvanized, Add	*38.19*	
			For Stainless Steel, Add	*152.74*	
			For Seismic Hook And Eye, Add	*16.42*	
04 05 19 13-0169		CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	162.83	
			For Hot-Dipped Galvanized, Add	*39.14*	
			For Stainless Steel, Add	*156.56*	
			For Seismic Hook And Eye, Add	*16.83*	

04 05 19 13-0170 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0162)*

04 05 19 13-0171		CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	146.27	
			For Hot-Dipped Galvanized, Add	*44.49*	
			For Stainless Steel, Add	*177.94*	
			For Seismic Hook And Eye, Add	*19.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0172	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	153.39	
		For Hot-Dipped Galvanized, Add	*45.18*	
		For Stainless Steel, Add	*180.72*	
		For Seismic Hook And Eye, Add	*19.43*	
04 05 19 13-0173	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	163.96	
		For Hot-Dipped Galvanized, Add	*46.17*	
		For Stainless Steel, Add	*184.66*	
		For Seismic Hook And Eye, Add	*19.85*	
04 05 19 13-0174	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	171.02	
		For Hot-Dipped Galvanized, Add	*47.12*	
		For Stainless Steel, Add	*188.48*	
		For Seismic Hook And Eye, Add	*20.26*	
04 05 19 13-0175	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	177.51	
		For Hot-Dipped Galvanized, Add	*48.08*	
		For Stainless Steel, Add	*192.30*	
		For Seismic Hook And Eye, Add	*20.67*	
04 05 19 13-0176	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	184.83	
		For Hot-Dipped Galvanized, Add	*50.14*	
		For Stainless Steel, Add	*200.56*	
		For Seismic Hook And Eye, Add	*21.56*	

04 05 19 13-0177 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0162)*

04 05 19 13-0178	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	147.78	
		For Hot-Dipped Galvanized, Add	*45.24*	
		For Stainless Steel, Add	*180.96*	
		For Seismic Hook And Eye, Add	*19.45*	
04 05 19 13-0179	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	156.78	
		For Hot-Dipped Galvanized, Add	*46.88*	
		For Stainless Steel, Add	*187.50*	
		For Seismic Hook And Eye, Add	*20.16*	
04 05 19 13-0180	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	168.61	
		For Hot-Dipped Galvanized, Add	*48.49*	
		For Stainless Steel, Add	*193.96*	
		For Seismic Hook And Eye, Add	*20.85*	
04 05 19 13-0181	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	177.65	
		For Hot-Dipped Galvanized, Add	*50.44*	
		For Stainless Steel, Add	*201.74*	
		For Seismic Hook And Eye, Add	*21.69*	
04 05 19 13-0182	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	186.11	
		For Hot-Dipped Galvanized, Add	*52.38*	
		For Stainless Steel, Add	*209.50*	
		For Seismic Hook And Eye, Add	*22.52*	
04 05 19 13-0183	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	193.15	
		For Hot-Dipped Galvanized, Add	*54.30*	
		For Stainless Steel, Add	*217.20*	
		For Seismic Hook And Eye, Add	*23.35*	

04 05 19 13-0184 Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0002)*

04 05 19 13-0185 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0184)*

04 05 19 13-0186	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	135.61	
		For Hot-Dipped Galvanized, Add	*36.29*	
		For Stainless Steel, Add	*145.16*	
		For Seismic Hook And Eye, Add	*15.60*	
04 05 19 13-0187	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	145.96	
		For Hot-Dipped Galvanized, Add	*37.17*	
		For Stainless Steel, Add	*148.66*	
		For Seismic Hook And Eye, Add	*15.98*	
04 05 19 13-0188	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	152.87	
		For Hot-Dipped Galvanized, Add	*38.05*	
		For Stainless Steel, Add	*152.18*	
		For Seismic Hook And Eye, Add	*16.36*	

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	MINOR CSI UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0189	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	159.70	
		For Hot-Dipped Galvanized, Add	*39.17*	
		For Stainless Steel, Add	*156.68*	
		For Seismic Hook And Eye, Add	*16.84*	
04 05 19 13-0190	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	164.92	
		For Hot-Dipped Galvanized, Add	*40.19*	
		For Stainless Steel, Add	*160.74*	
		For Seismic Hook And Eye, Add	*17.28*	

04 05 19 13-0191 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0184)*

04 05 19 13-0192	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	155.33	
		For Hot-Dipped Galvanized, Add	*46.15*	
		For Stainless Steel, Add	*184.60*	
		For Seismic Hook And Eye, Add	*19.84*	
04 05 19 13-0193	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	165.84	
		For Hot-Dipped Galvanized, Add	*47.11*	
		For Stainless Steel, Add	*188.42*	
		For Seismic Hook And Eye, Add	*20.26*	
04 05 19 13-0194	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	173.02	
		For Hot-Dipped Galvanized, Add	*48.12*	
		For Stainless Steel, Add	*192.48*	
		For Seismic Hook And Eye, Add	*20.69*	
04 05 19 13-0195	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	179.24	
		For Hot-Dipped Galvanized, Add	*48.94*	
		For Stainless Steel, Add	*195.76*	
		For Seismic Hook And Eye, Add	*21.04*	
04 05 19 13-0196	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	184.65	
		For Hot-Dipped Galvanized, Add	*50.05*	
		For Stainless Steel, Add	*200.20*	
		For Seismic Hook And Eye, Add	*21.52*	

04 05 19 13-0197 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0184)*

04 05 19 13-0198	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	157.36	
		For Hot-Dipped Galvanized, Add	*47.17*	
		For Stainless Steel, Add	*188.66*	
		For Seismic Hook And Eye, Add	*20.28*	
04 05 19 13-0199	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	169.23	
		For Hot-Dipped Galvanized, Add	*48.80*	
		For Stainless Steel, Add	*195.20*	
		For Seismic Hook And Eye, Add	*20.98*	
04 05 19 13-0200	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	177.65	
		For Hot-Dipped Galvanized, Add	*50.44*	
		For Stainless Steel, Add	*201.74*	
		For Seismic Hook And Eye, Add	*21.69*	
04 05 19 13-0201	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	186.11	
		For Hot-Dipped Galvanized, Add	*52.38*	
		For Stainless Steel, Add	*209.50*	
		For Seismic Hook And Eye, Add	*22.52*	
04 05 19 13-0202	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	193.15	
		For Hot-Dipped Galvanized, Add	*54.30*	
		For Stainless Steel, Add	*217.20*	
		For Seismic Hook And Eye, Add	*23.35*	

04 05 19 13-0203 Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0001)*

04 05 19 13-0204 Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0203)*

04 05 19 13-0205 Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0204)*

04 05 19 13-0206	CLF	#4 (For 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	68.26	
		For Hot-Dipped Galvanized, Add	*14.27*	
		For Stainless Steel, Add	*57.08*	
04 05 19 13-0207	CLF	#6 (For 6" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	71.29	
		For Hot-Dipped Galvanized, Add	*14.43*	
		For Stainless Steel, Add	*57.70*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0208		CLF	#8 (For 8" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	76.29	
			For Hot-Dipped Galvanized, Add	*15.00*	
			For Stainless Steel, Add	*59.98*	
04 05 19 13-0209		CLF	#10 (For 10" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	82.39	
			For Hot-Dipped Galvanized, Add	*15.73*	
			For Stainless Steel, Add	*62.92*	
04 05 19 13-0210		CLF	#12 (For 12" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	89.72	
			For Hot-Dipped Galvanized, Add	*16.57*	
			For Stainless Steel, Add	*66.26*	
04 05 19 13-0211		CLF	#13 (For 13" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	95.14	
			For Hot-Dipped Galvanized, Add	*17.01*	
			For Stainless Steel, Add	*68.04*	
04 05 19 13-0212		CLF	#14 (For 14" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	98.99	
			For Hot-Dipped Galvanized, Add	*17.66*	
			For Stainless Steel, Add	*70.64*	
04 05 19 13-0213		CLF	#16 (For 16" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	117.86	
			For Hot-Dipped Galvanized, Add	*24.81*	
			For Stainless Steel, Add	*99.24*	
04 05 19 13-0214		CLF	#18 (For 18" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	124.76	
			For Hot-Dipped Galvanized, Add	*26.23*	
			For Stainless Steel, Add	*104.90*	
04 05 19 13-0215		CLF	#20 (For 20" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	168.15	
			For Hot-Dipped Galvanized, Add	*45.37*	
			For Stainless Steel, Add	*181.46*	

04 05 19 13-0216 Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0204)*

04 05 19 13-0217		CLF	#4 (For 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	79.30	
			For Hot-Dipped Galvanized, Add	*19.79*	
			For Stainless Steel, Add	*79.14*	
04 05 19 13-0218		CLF	#6 (For 6" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	82.56	
			For Hot-Dipped Galvanized, Add	*20.06*	
			For Stainless Steel, Add	*80.24*	
04 05 19 13-0219		CLF	#8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	87.56	
			For Hot-Dipped Galvanized, Add	*20.63*	
			For Stainless Steel, Add	*82.52*	
04 05 19 13-0220		CLF	#10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	93.64	
			For Hot-Dipped Galvanized, Add	*21.36*	
			For Stainless Steel, Add	*85.42*	
04 05 19 13-0221		CLF	#12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	100.81	
			For Hot-Dipped Galvanized, Add	*22.11*	
			For Stainless Steel, Add	*88.44*	
04 05 19 13-0222		CLF	#13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	106.37	
			For Hot-Dipped Galvanized, Add	*22.64*	
			For Stainless Steel, Add	*90.54*	
04 05 19 13-0223		CLF	#14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	110.05	
			For Hot-Dipped Galvanized, Add	*23.19*	
			For Stainless Steel, Add	*92.76*	
04 05 19 13-0224		CLF	#16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	132.71	
			For Hot-Dipped Galvanized, Add	*32.24*	
			For Stainless Steel, Add	*128.94*	
04 05 19 13-0225		CLF	#18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	139.62	
			For Hot-Dipped Galvanized, Add	*33.66*	
			For Stainless Steel, Add	*134.62*	
04 05 19 13-0226		CLF	#20 (For 20" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	199.46	
			For Hot-Dipped Galvanized, Add	*63.58*	
			For Stainless Steel, Add	*254.30*	

04 05 19 13-0227 Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0204)*

04 05 19 13-0228		CLF	#4 (For 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	96.19	
			For Hot-Dipped Galvanized, Add	*28.23*	
			For Stainless Steel, Add	*112.92*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0229		CLF	#6 (For 6" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	99.96	
			For Hot-Dipped Galvanized, Add	*28.59*	
			For Stainless Steel, Add	*114.34*	
04 05 19 13-0230		CLF	#8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	105.10	
			For Hot-Dipped Galvanized, Add	*29.63*	
			For Stainless Steel, Add	*118.52*	
04 05 19 13-0231		CLF	#10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	113.06	
			For Hot-Dipped Galvanized, Add	*31.07*	
			For Stainless Steel, Add	*124.26*	
04 05 19 13-0232		CLF	#12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	121.73	
			For Hot-Dipped Galvanized, Add	*32.85*	
			For Stainless Steel, Add	*131.40*	
04 05 19 13-0233		CLF	#13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	128.46	
			For Hot-Dipped Galvanized, Add	*33.67*	
			For Stainless Steel, Add	*134.68*	
04 05 19 13-0234		CLF	#14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	133.44	
			For Hot-Dipped Galvanized, Add	*34.89*	
			For Stainless Steel, Add	*139.54*	
04 05 19 13-0235		CLF	#16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	166.19	
			For Hot-Dipped Galvanized, Add	*48.97*	
			For Stainless Steel, Add	*195.88*	
04 05 19 13-0236		CLF	#18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	175.82	
			For Hot-Dipped Galvanized, Add	*51.75*	
			For Stainless Steel, Add	*206.98*	
04 05 19 13-0237		CLF	#20 (For 20" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	256.35	
			For Hot-Dipped Galvanized, Add	*89.47*	
			For Stainless Steel, Add	*357.86*	

04 05 19 13-0238 Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0204)*

04 05 19 13-0239		CLF	#4 (For 4" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	85.55	
			For Hot-Dipped Galvanized, Add	*22.91*	
			For Stainless Steel, Add	*91.64*	
04 05 19 13-0240		CLF	#6 (For 6" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	89.25	
			For Hot-Dipped Galvanized, Add	*23.41*	
			For Stainless Steel, Add	*93.62*	
04 05 19 13-0241		CLF	#8 (For 8" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	94.26	
			For Hot-Dipped Galvanized, Add	*23.98*	
			For Stainless Steel, Add	*95.92*	
04 05 19 13-0242		CLF	#10 (For 10" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	100.18	
			For Hot-Dipped Galvanized, Add	*24.63*	
			For Stainless Steel, Add	*98.50*	
04 05 19 13-0243		CLF	#12 (For 12" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	107.11	
			For Hot-Dipped Galvanized, Add	*25.26*	
			For Stainless Steel, Add	*101.02*	
04 05 19 13-0244		CLF	#13 (For 13" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	112.25	
			For Hot-Dipped Galvanized, Add	*25.57*	
			For Stainless Steel, Add	*102.26*	
04 05 19 13-0245		CLF	#14 (For 14" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	115.99	
			For Hot-Dipped Galvanized, Add	*25.92*	
			For Stainless Steel, Add	*103.66*	
04 05 19 13-0246		CLF	#16 (For 16" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	129.89	
			For Hot-Dipped Galvanized, Add	*30.82*	
			For Stainless Steel, Add	*123.28*	

04 05 19 13-0247 Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0204)*

04 05 19 13-0248		CLF	#4 (For 4" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	96.70	
			For Hot-Dipped Galvanized, Add	*28.49*	
			For Stainless Steel, Add	*113.94*	
04 05 19 13-0249		CLF	#6 (For 6" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	100.55	
			For Hot-Dipped Galvanized, Add	*29.06*	
			For Stainless Steel, Add	*116.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0250	CLF	#8 (For 8" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	105.68	
		For Hot-Dipped Galvanized, Add	*29.69*	
		For Stainless Steel, Add	*118.76*	
04 05 19 13-0251	CLF	#10 (For 10" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	111.48	
		For Hot-Dipped Galvanized, Add	*30.28*	
		For Stainless Steel, Add	*121.10*	
04 05 19 13-0252	CLF	#12 (For 12" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	118.38	
		For Hot-Dipped Galvanized, Add	*30.89*	
		For Stainless Steel, Add	*123.56*	
04 05 19 13-0253	CLF	#13 (For 13" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	123.56	
		For Hot-Dipped Galvanized, Add	*31.23*	
		For Stainless Steel, Add	*124.92*	
04 05 19 13-0254	CLF	#14 (For 14" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	127.24	
		For Hot-Dipped Galvanized, Add	*31.54*	
		For Stainless Steel, Add	*126.14*	
04 05 19 13-0255	CLF	#16 (For 16" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	144.73	
		For Hot-Dipped Galvanized, Add	*38.25*	
		For Stainless Steel, Add	*152.98*	
04 05 19 13-0256	CLF	#18 (For 18" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	179.05	
		For Hot-Dipped Galvanized, Add	*53.38*	
		For Stainless Steel, Add	*213.50*	

04 05 19 13-0257 Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0204)*

04 05 19 13-0258	CLF	#4 (For 4" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	107.50	
		For Hot-Dipped Galvanized, Add	*33.89*	
		For Stainless Steel, Add	*135.54*	
04 05 19 13-0259	CLF	#6 (For 6" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	112.88	
		For Hot-Dipped Galvanized, Add	*35.05*	
		For Stainless Steel, Add	*140.18*	
04 05 19 13-0260	CLF	#8 (For 8" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	118.25	
		For Hot-Dipped Galvanized, Add	*36.21*	
		For Stainless Steel, Add	*144.82*	
04 05 19 13-0261	CLF	#10 (For 10" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	126.10	
		For Hot-Dipped Galvanized, Add	*37.59*	
		For Stainless Steel, Add	*150.34*	
04 05 19 13-0262	CLF	#12 (For 12" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	133.95	
		For Hot-Dipped Galvanized, Add	*38.96*	
		For Stainless Steel, Add	*155.84*	
04 05 19 13-0263	CLF	#13 (For 13" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	140.51	
		For Hot-Dipped Galvanized, Add	*39.70*	
		For Stainless Steel, Add	*158.78*	
04 05 19 13-0264	CLF	#14 (For 14" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	144.32	
		For Hot-Dipped Galvanized, Add	*40.33*	
		For Stainless Steel, Add	*161.30*	
04 05 19 13-0265	CLF	#16 (For 16" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	151.43	
		For Hot-Dipped Galvanized, Add	*41.59*	
		For Stainless Steel, Add	*166.36*	
04 05 19 13-0266	CLF	#18 (For 18" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	193.55	
		For Hot-Dipped Galvanized, Add	*60.61*	
		For Stainless Steel, Add	*242.44*	

04 05 19 13-0267 Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0204)*

04 05 19 13-0268	CLF	#4 (For 4" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	111.23	
		For Hot-Dipped Galvanized, Add	*35.75*	
		For Stainless Steel, Add	*143.00*	
04 05 19 13-0269	CLF	#6 (For 6" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	114.93	
		For Hot-Dipped Galvanized, Add	*36.25*	
		For Stainless Steel, Add	*144.98*	
04 05 19 13-0270	CLF	#8 (For 8" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	119.94	
		For Hot-Dipped Galvanized, Add	*36.82*	
		For Stainless Steel, Add	*147.28*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0271		CLF	#10 (For 10" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	125.86	
			For Hot-Dipped Galvanized, Add	*37.47*	
			For Stainless Steel, Add	*149.86*	
04 05 19 13-0272		CLF	#12 (For 12" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	132.79	
			For Hot-Dipped Galvanized, Add	*38.10*	
			For Stainless Steel, Add	*152.38*	
04 05 19 13-0273		CLF	#13 (For 13" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	137.93	
			For Hot-Dipped Galvanized, Add	*38.41*	
			For Stainless Steel, Add	*153.62*	
04 05 19 13-0274		CLF	#14 (For 14" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	141.67	
			For Hot-Dipped Galvanized, Add	*38.76*	
			For Stainless Steel, Add	*155.02*	
04 05 19 13-0275		CLF	#16 (For 16" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	155.57	
			For Hot-Dipped Galvanized, Add	*43.66*	
			For Stainless Steel, Add	*174.64*	
04 05 19 13-0276		CLF	#18 (For 18" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	179.26	
			For Hot-Dipped Galvanized, Add	*53.48*	
			For Stainless Steel, Add	*213.90*	

04 05 19 13-0277 Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0204)*

04 05 19 13-0278		CLF	#4 (For 4" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	122.38	
			For Hot-Dipped Galvanized, Add	*41.33*	
			For Stainless Steel, Add	*165.30*	
04 05 19 13-0279		CLF	#6 (For 6" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	126.23	
			For Hot-Dipped Galvanized, Add	*41.90*	
			For Stainless Steel, Add	*167.58*	
04 05 19 13-0280		CLF	#8 (For 8" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	131.36	
			For Hot-Dipped Galvanized, Add	*42.53*	
			For Stainless Steel, Add	*170.12*	
04 05 19 13-0281		CLF	#10 (For 10" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	137.16	
			For Hot-Dipped Galvanized, Add	*43.12*	
			For Stainless Steel, Add	*172.46*	
04 05 19 13-0282		CLF	#12 (For 12" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	144.06	
			For Hot-Dipped Galvanized, Add	*43.73*	
			For Stainless Steel, Add	*174.92*	
04 05 19 13-0283		CLF	#13 (For 13" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	149.24	
			For Hot-Dipped Galvanized, Add	*44.07*	
			For Stainless Steel, Add	*176.28*	
04 05 19 13-0284		CLF	#14 (For 14" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	152.92	
			For Hot-Dipped Galvanized, Add	*44.38*	
			For Stainless Steel, Add	*177.50*	
04 05 19 13-0285		CLF	#16 (For 16" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	170.41	
			For Hot-Dipped Galvanized, Add	*51.09*	
			For Stainless Steel, Add	*204.34*	
04 05 19 13-0286		CLF	#18 (For 18" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	204.73	
			For Hot-Dipped Galvanized, Add	*66.22*	
			For Stainless Steel, Add	*264.86*	

04 05 19 13-0287 Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0204)*

04 05 19 13-0288		CLF	#4 (For 4" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	133.18	
			For Hot-Dipped Galvanized, Add	*46.73*	
			For Stainless Steel, Add	*186.90*	
04 05 19 13-0289		CLF	#6 (For 6" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	138.56	
			For Hot-Dipped Galvanized, Add	*47.89*	
			For Stainless Steel, Add	*191.54*	
04 05 19 13-0290		CLF	#8 (For 8" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	143.93	
			For Hot-Dipped Galvanized, Add	*49.05*	
			For Stainless Steel, Add	*196.18*	
04 05 19 13-0291		CLF	#10 (For 10" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	151.78	
			For Hot-Dipped Galvanized, Add	*50.43*	
			For Stainless Steel, Add	*201.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0292	CLF	#12 (For 12" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	159.64	
		For Hot-Dipped Galvanized, Add	*51.81*	
		For Stainless Steel, Add	*207.22*	
04 05 19 13-0293	CLF	#13 (For 13" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	166.19	
		For Hot-Dipped Galvanized, Add	*52.54*	
		For Stainless Steel, Add	*210.14*	
04 05 19 13-0294	CLF	#14 (For 14" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	170.01	
		For Hot-Dipped Galvanized, Add	*53.17*	
		For Stainless Steel, Add	*212.68*	
04 05 19 13-0295	CLF	#16 (For 16" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	177.11	
		For Hot-Dipped Galvanized, Add	*54.43*	
		For Stainless Steel, Add	*217.72*	
04 05 19 13-0296	CLF	#18 (For 18" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	219.23	
		For Hot-Dipped Galvanized, Add	*73.45*	
		For Stainless Steel, Add	*293.80*	

04 05 19 13-0297 Truss-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0203)*

04 05 19 13-0298 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0297)*

04 05 19 13-0299	CLF	#8 (For 8" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	96.29	
		For Hot-Dipped Galvanized, Add	*22.36*	
		For Stainless Steel, Add	*89.44*	
04 05 19 13-0300	CLF	#10 (For 10" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	104.17	
		For Hot-Dipped Galvanized, Add	*23.44*	
		For Stainless Steel, Add	*93.74*	
04 05 19 13-0301	CLF	#12 (For 12" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	112.65	
		For Hot-Dipped Galvanized, Add	*24.81*	
		For Stainless Steel, Add	*99.24*	
04 05 19 13-0302	CLF	#13 (For 13" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	120.26	
		For Hot-Dipped Galvanized, Add	*25.75*	
		For Stainless Steel, Add	*103.00*	
04 05 19 13-0303	CLF	#14 (For 14" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	124.70	
		For Hot-Dipped Galvanized, Add	*26.54*	
		For Stainless Steel, Add	*106.14*	
04 05 19 13-0304	CLF	#16 (For 16" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	133.64	
		For Hot-Dipped Galvanized, Add	*28.43*	
		For Stainless Steel, Add	*113.72*	
04 05 19 13-0305	CLF	#18 (For 18" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	142.01	
		For Hot-Dipped Galvanized, Add	*30.33*	
		For Stainless Steel, Add	*121.30*	

04 05 19 13-0306 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0297)*

04 05 19 13-0307	CLF	#8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	110.22	
		For Hot-Dipped Galvanized, Add	*29.33*	
		For Stainless Steel, Add	*117.30*	
04 05 19 13-0308	CLF	#10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	118.13	
		For Hot-Dipped Galvanized, Add	*30.42*	
		For Stainless Steel, Add	*121.66*	
04 05 19 13-0309	CLF	#12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	126.54	
		For Hot-Dipped Galvanized, Add	*31.76*	
		For Stainless Steel, Add	*127.02*	
04 05 19 13-0310	CLF	#13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	134.19	
		For Hot-Dipped Galvanized, Add	*32.72*	
		For Stainless Steel, Add	*130.86*	
04 05 19 13-0311	CLF	#14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	138.53	
		For Hot-Dipped Galvanized, Add	*33.45*	
		For Stainless Steel, Add	*133.80*	
04 05 19 13-0312	CLF	#16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	147.51	
		For Hot-Dipped Galvanized, Add	*35.37*	
		For Stainless Steel, Add	*141.46*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0313		CLF	#18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	155.94	
			For Hot-Dipped Galvanized, Add	*37.29*	
			For Stainless Steel, Add	*149.16*	

04 05 19 13-0314 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0297)*

04 05 19 13-0315		CLF	#8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	123.13	
			For Hot-Dipped Galvanized, Add	*35.78*	
			For Stainless Steel, Add	*143.12*	
04 05 19 13-0316		CLF	#10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	132.25	
			For Hot-Dipped Galvanized, Add	*37.48*	
			For Stainless Steel, Add	*149.90*	
04 05 19 13-0317		CLF	#12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	142.63	
			For Hot-Dipped Galvanized, Add	*39.80*	
			For Stainless Steel, Add	*159.20*	
04 05 19 13-0318		CLF	#13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	150.89	
			For Hot-Dipped Galvanized, Add	*41.07*	
			For Stainless Steel, Add	*164.26*	
04 05 19 13-0319		CLF	#14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	156.29	
			For Hot-Dipped Galvanized, Add	*42.33*	
			For Stainless Steel, Add	*169.32*	
04 05 19 13-0320		CLF	#16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	167.14	
			For Hot-Dipped Galvanized, Add	*45.18*	
			For Stainless Steel, Add	*180.72*	
04 05 19 13-0321		CLF	#18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	176.43	
			For Hot-Dipped Galvanized, Add	*47.54*	
			For Stainless Steel, Add	*190.14*	

04 05 19 13-0322 Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0203)*

04 05 19 13-0323 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0322)*

04 05 19 13-0324		CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	139.71	
			For Hot-Dipped Galvanized, Add	*44.07*	
			For Stainless Steel, Add	*176.28*	
04 05 19 13-0325		CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	146.05	
			For Hot-Dipped Galvanized, Add	*44.38*	
			For Stainless Steel, Add	*177.50*	
04 05 19 13-0326		CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	153.94	
			For Hot-Dipped Galvanized, Add	*45.46*	
			For Stainless Steel, Add	*181.82*	
04 05 19 13-0327		CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	165.41	
			For Hot-Dipped Galvanized, Add	*46.89*	
			For Stainless Steel, Add	*187.56*	
04 05 19 13-0328		CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	173.95	
			For Hot-Dipped Galvanized, Add	*48.59*	
			For Stainless Steel, Add	*194.34*	
04 05 19 13-0329		CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	182.66	
			For Hot-Dipped Galvanized, Add	*50.65*	
			For Stainless Steel, Add	*202.60*	

04 05 19 13-0330 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0322)*

04 05 19 13-0331		CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	161.25	
			For Hot-Dipped Galvanized, Add	*54.84*	
			For Stainless Steel, Add	*219.36*	
04 05 19 13-0332		CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	167.90	
			For Hot-Dipped Galvanized, Add	*55.30*	
			For Stainless Steel, Add	*221.20*	
04 05 19 13-0333		CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	175.79	
			For Hot-Dipped Galvanized, Add	*56.38*	
			For Stainless Steel, Add	*225.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0334	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	187.20	
		For Hot-Dipped Galvanized, Add	*57.79*	
		For Stainless Steel, Add	*231.14*	
04 05 19 13-0335	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	195.46	
		For Hot-Dipped Galvanized, Add	*59.34*	
		For Stainless Steel, Add	*237.36*	
04 05 19 13-0336	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	203.18	
		For Hot-Dipped Galvanized, Add	*60.91*	
		For Stainless Steel, Add	*243.64*	
04 05 19 13-0337		3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0322)*		
04 05 19 13-0338	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	173.05	
		For Hot-Dipped Galvanized, Add	*60.74*	
		For Stainless Steel, Add	*242.96*	
04 05 19 13-0339	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	179.71	
		For Hot-Dipped Galvanized, Add	*61.21*	
		For Stainless Steel, Add	*244.82*	
04 05 19 13-0340	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	188.83	
		For Hot-Dipped Galvanized, Add	*62.90*	
		For Stainless Steel, Add	*251.60*	
04 05 19 13-0341	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	201.86	
		For Hot-Dipped Galvanized, Add	*65.12*	
		For Stainless Steel, Add	*260.46*	
04 05 19 13-0342	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	212.62	
		For Hot-Dipped Galvanized, Add	*67.92*	
		For Stainless Steel, Add	*271.68*	
04 05 19 13-0343	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	223.43	
		For Hot-Dipped Galvanized, Add	*71.04*	
		For Stainless Steel, Add	*284.14*	
04 05 19 13-0344		Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0203)*		
04 05 19 13-0345		9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0344)*		
04 05 19 13-0346	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	149.54	
		For Hot-Dipped Galvanized, Add	*46.12*	
		For Stainless Steel, Add	*184.48*	
04 05 19 13-0347	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	155.91	
		For Hot-Dipped Galvanized, Add	*46.44*	
		For Stainless Steel, Add	*185.76*	
04 05 19 13-0348	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	166.61	
		For Hot-Dipped Galvanized, Add	*47.49*	
		For Stainless Steel, Add	*189.96*	
04 05 19 13-0349	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	174.59	
		For Hot-Dipped Galvanized, Add	*48.91*	
		For Stainless Steel, Add	*195.62*	
04 05 19 13-0350	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	182.63	
		For Hot-Dipped Galvanized, Add	*50.64*	
		For Stainless Steel, Add	*202.54*	
04 05 19 13-0351	CLF	#20 (For 14" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	189.33	
		For Hot-Dipped Galvanized, Add	*52.39*	
		For Stainless Steel, Add	*209.56*	
04 05 19 13-0352		3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0344)*		
04 05 19 13-0353	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	171.02	
		For Hot-Dipped Galvanized, Add	*56.86*	
		For Stainless Steel, Add	*227.44*	
04 05 19 13-0354	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	177.67	
		For Hot-Dipped Galvanized, Add	*57.32*	
		For Stainless Steel, Add	*229.28*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0355		CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	188.43	
			For Hot-Dipped Galvanized, Add	*58.40*	
			For Stainless Steel, Add	*233.60*	
04 05 19 13-0356		CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	196.41	
			For Hot-Dipped Galvanized, Add	*59.82*	
			For Stainless Steel, Add	*239.26*	
04 05 19 13-0357		CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	204.11	
			For Hot-Dipped Galvanized, Add	*61.38*	
			For Stainless Steel, Add	*245.50*	
04 05 19 13-0358		CLF	#20 (For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	210.99	
			For Hot-Dipped Galvanized, Add	*63.22*	
			For Stainless Steel, Add	*252.88*	

04 05 19 13-0359 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0344)*

04 05 19 13-0360		CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	182.85	
			For Hot-Dipped Galvanized, Add	*62.78*	
			For Stainless Steel, Add	*251.10*	
04 05 19 13-0361		CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	189.47	
			For Hot-Dipped Galvanized, Add	*63.22*	
			For Stainless Steel, Add	*252.88*	
04 05 19 13-0362		CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	201.53	
			For Hot-Dipped Galvanized, Add	*64.95*	
			For Stainless Steel, Add	*259.80*	
04 05 19 13-0363		CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	211.08	
			For Hot-Dipped Galvanized, Add	*67.15*	
			For Stainless Steel, Add	*268.60*	
04 05 19 13-0364		CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	221.24	
			For Hot-Dipped Galvanized, Add	*69.94*	
			For Stainless Steel, Add	*279.76*	
04 05 19 13-0365		CLF	#20 (For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	228.68	
			For Hot-Dipped Galvanized, Add	*72.07*	
			For Stainless Steel, Add	*288.26*	

04 05 19 13-0366 Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0203)*

04 05 19 13-0367 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0366)*

04 05 19 13-0368		CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	141.25	
			For Hot-Dipped Galvanized, Add	*41.98*	
			For Stainless Steel, Add	*167.90*	
			For Seismic Hook And Eye, Add	*18.05*	
04 05 19 13-0369		CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	147.56	
			For Hot-Dipped Galvanized, Add	*42.27*	
			For Stainless Steel, Add	*169.06*	
			For Seismic Hook And Eye, Add	*18.17*	
04 05 19 13-0370		CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	157.98	
			For Hot-Dipped Galvanized, Add	*43.18*	
			For Stainless Steel, Add	*172.70*	
			For Seismic Hook And Eye, Add	*18.57*	
04 05 19 13-0371		CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	165.75	
			For Hot-Dipped Galvanized, Add	*44.49*	
			For Stainless Steel, Add	*177.94*	
			For Seismic Hook And Eye, Add	*19.13*	
04 05 19 13-0372		CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	173.04	
			For Hot-Dipped Galvanized, Add	*45.84*	
			For Stainless Steel, Add	*183.36*	
			For Seismic Hook And Eye, Add	*19.71*	
04 05 19 13-0373		CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	179.56	
			For Hot-Dipped Galvanized, Add	*47.51*	
			For Stainless Steel, Add	*190.02*	
			For Seismic Hook And Eye, Add	*20.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0374		3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0366)*		
04 05 19 13-0375	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	161.03	
		For Hot-Dipped Galvanized, Add	*51.87*	
		For Stainless Steel, Add	*207.46*	
		For Seismic Hook And Eye, Add	*22.30*	
04 05 19 13-0376	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	167.56	
		For Hot-Dipped Galvanized, Add	*52.27*	
		For Stainless Steel, Add	*209.06*	
		For Seismic Hook And Eye, Add	*22.47*	
04 05 19 13-0377	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	177.83	
		For Hot-Dipped Galvanized, Add	*53.10*	
		For Stainless Steel, Add	*212.40*	
		For Seismic Hook And Eye, Add	*22.83*	
04 05 19 13-0378	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	185.47	
		For Hot-Dipped Galvanized, Add	*54.35*	
		For Stainless Steel, Add	*217.38*	
		For Seismic Hook And Eye, Add	*23.37*	
04 05 19 13-0379	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	192.73	
		For Hot-Dipped Galvanized, Add	*55.69*	
		For Stainless Steel, Add	*222.74*	
		For Seismic Hook And Eye, Add	*23.94*	
04 05 19 13-0380	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	198.88	
		For Hot-Dipped Galvanized, Add	*57.17*	
		For Stainless Steel, Add	*228.66*	
		For Seismic Hook And Eye, Add	*24.58*	
04 05 19 13-0381		3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0366)*		
04 05 19 13-0382	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	172.99	
		For Hot-Dipped Galvanized, Add	*57.85*	
		For Stainless Steel, Add	*231.38*	
		For Seismic Hook And Eye, Add	*24.87*	
04 05 19 13-0383	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	179.61	
		For Hot-Dipped Galvanized, Add	*58.29*	
		For Stainless Steel, Add	*233.16*	
		For Seismic Hook And Eye, Add	*25.06*	
04 05 19 13-0384	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	191.45	
		For Hot-Dipped Galvanized, Add	*59.91*	
		For Stainless Steel, Add	*239.64*	
		For Seismic Hook And Eye, Add	*25.76*	
04 05 19 13-0385	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	200.82	
		For Hot-Dipped Galvanized, Add	*62.02*	
		For Stainless Steel, Add	*248.08*	
		For Seismic Hook And Eye, Add	*26.67*	
04 05 19 13-0386	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	210.73	
		For Hot-Dipped Galvanized, Add	*64.69*	
		For Stainless Steel, Add	*258.74*	
		For Seismic Hook And Eye, Add	*27.81*	
04 05 19 13-0387	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	219.84	
		For Hot-Dipped Galvanized, Add	*67.65*	
		For Stainless Steel, Add	*270.58*	
		For Seismic Hook And Eye, Add	*29.09*	
04 05 19 13-0388		Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0203)*		
04 05 19 13-0389		9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall *(04 05 19 13-0388)*		
04 05 19 13-0390	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	150.92	
		For Hot-Dipped Galvanized, Add	*43.95*	
		For Stainless Steel, Add	*175.78*	
		For Seismic Hook And Eye, Add	*18.90*	
04 05 19 13-0391	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	160.14	
		For Hot-Dipped Galvanized, Add	*44.26*	
		For Stainless Steel, Add	*177.02*	
		For Seismic Hook And Eye, Add	*19.03*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0392	CLF		#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	167.23	
			For Hot-Dipped Galvanized, Add	*45.23*	
			For Stainless Steel, Add	*180.90*	
			For Seismic Hook And Eye, Add	*19.45*	
04 05 19 13-0393	CLF		#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	174.58	
			For Hot-Dipped Galvanized, Add	*46.61*	
			For Stainless Steel, Add	*186.44*	
			For Seismic Hook And Eye, Add	*20.04*	
04 05 19 13-0394	CLF		#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	180.98	
			For Hot-Dipped Galvanized, Add	*48.22*	
			For Stainless Steel, Add	*192.86*	
			For Seismic Hook And Eye, Add	*20.73*	

04 05 19 13-0395 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0388)*

04 05 19 13-0396	CLF		#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	172.25	
			For Hot-Dipped Galvanized, Add	*54.61*	
			For Stainless Steel, Add	*218.44*	
			For Seismic Hook And Eye, Add	*23.48*	
04 05 19 13-0397	CLF		#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	181.53	
			For Hot-Dipped Galvanized, Add	*54.95*	
			For Stainless Steel, Add	*219.80*	
			For Seismic Hook And Eye, Add	*23.63*	
04 05 19 13-0398	CLF		#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	188.56	
			For Hot-Dipped Galvanized, Add	*55.89*	
			For Stainless Steel, Add	*223.56*	
			For Seismic Hook And Eye, Add	*24.03*	
04 05 19 13-0399	CLF		#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	195.66	
			For Hot-Dipped Galvanized, Add	*57.15*	
			For Stainless Steel, Add	*228.60*	
			For Seismic Hook And Eye, Add	*24.57*	
04 05 19 13-0400	CLF		#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	201.44	
			For Hot-Dipped Galvanized, Add	*58.45*	
			For Stainless Steel, Add	*233.78*	
			For Seismic Hook And Eye, Add	*25.13*	

04 05 19 13-0401 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0388)*

04 05 19 13-0402	CLF		#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	182.60	
			For Hot-Dipped Galvanized, Add	*59.79*	
			For Stainless Steel, Add	*239.14*	
			For Seismic Hook And Eye, Add	*25.71*	
04 05 19 13-0403	CLF		#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	192.06	
			For Hot-Dipped Galvanized, Add	*60.22*	
			For Stainless Steel, Add	*240.86*	
			For Seismic Hook And Eye, Add	*25.89*	
04 05 19 13-0404	CLF		#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	200.48	
			For Hot-Dipped Galvanized, Add	*61.85*	
			For Stainless Steel, Add	*247.40*	
			For Seismic Hook And Eye, Add	*26.60*	
04 05 19 13-0405	CLF		#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	209.25	
			For Hot-Dipped Galvanized, Add	*63.95*	
			For Stainless Steel, Add	*255.78*	
			For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0406	CLF		#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	217.77	
			For Hot-Dipped Galvanized, Add	*66.61*	
			For Stainless Steel, Add	*266.44*	
			For Seismic Hook And Eye, Add	*28.64*	

04 05 19 16 Masonry Anchors *(04 05 19)*

04 05 19 16-0001 Rectangular, Wire Masonry Wall Ties *(04 05 19 16)*

04 05 19 16-0002 Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Ties *(04 05 19 16-0001)*

04 05 19 16-0003	EA	2" Width x 4" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.35	
04 05 19 16-0004	EA	2" Width x 6" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.44	
04 05 19 16-0005	EA	2" Width x 8" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.52	
04 05 19 16-0006	EA	2" Width x 10" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.62	
04 05 19 16-0007	EA	2" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.73	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 16-0008	EA	4" Width x 6" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.52	
04 05 19 16-0009	EA	4" Width x 8" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.62	
04 05 19 16-0010	EA	4" Width x 10" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.73	
04 05 19 16-0011	EA	4" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.83	
04 05 19 16-0012		Mill Galvanized, Rectangular, Wire Masonry Wall Ties *(04 05 19 16-0001)*		
04 05 19 16-0013	EA	2" Width x 4" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.20	
04 05 19 16-0014	EA	2" Width x 6" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.24	
04 05 19 16-0015	EA	2" Width x 8" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.27	
04 05 19 16-0016	EA	2" Width x 10" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.33	
04 05 19 16-0017	EA	2" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.39	
04 05 19 16-0018	EA	4" Width x 6" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.27	
04 05 19 16-0019	EA	4" Width x 8" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.33	
04 05 19 16-0020	EA	4" Width x 10" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.39	
04 05 19 16-0021	EA	4" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.44	
04 05 19 16-0022		Z-Type, Wire Masonry Wall Ties *(04 05 19 16)*		
04 05 19 16-0023		Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Ties *(04 05 19 16-0022)*		
04 05 19 16-0024	EA	6" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	1.21	
04 05 19 16-0025	EA	8" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	1.25	
04 05 19 16-0026	EA	10" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	1.41	
04 05 19 16-0027	EA	12" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	1.47	
04 05 19 16-0028	EA	6" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	1.49	
04 05 19 16-0029	EA	8" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	1.59	
04 05 19 16-0030	EA	10" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	1.70	
04 05 19 16-0031	EA	12" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	1.77	
04 05 19 16-0032		Mill Galvanized, Z-Type, Wire Masonry Wall Ties *(04 05 19 16-0022)*		
04 05 19 16-0033	EA	6" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	1.09	
04 05 19 16-0034	EA	8" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	1.11	
04 05 19 16-0035	EA	10" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	1.23	
04 05 19 16-0036	EA	12" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	1.25	
04 05 19 16-0037	EA	6" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	1.27	
04 05 19 16-0038	EA	8" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	1.33	
04 05 19 16-0039	EA	10" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	1.39	
04 05 19 16-0040	EA	12" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	1.46	
04 05 19 16-0041		Wire Beam Ties *(04 05 19 16)*		
04 05 19 16-0042		Hot-Dipped Galvanized, Wire Beam Ties *(04 05 19 16-0041)*		
04 05 19 16-0043	EA	2" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie	1.62	
04 05 19 16-0044	EA	4" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie	1.65	
04 05 19 16-0045	EA	6" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie	1.69	
04 05 19 16-0046	EA	8" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie	1.72	
04 05 19 16-0047	EA	10" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie	1.79	
04 05 19 16-0048		Mill Galvanized, Wire Beam Ties *(04 05 19 16-0041)*		
04 05 19 16-0049	EA	2" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie	1.92	
04 05 19 16-0050	EA	4" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie	2.00	
04 05 19 16-0051	EA	6" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie	2.10	
04 05 19 16-0052	EA	8" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie	2.14	
04 05 19 16-0053	EA	10" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie	2.21	
04 05 19 16-0054		Adjustable Double Pintle, Wire Masonry Wall Ties *(04 05 19 16)*		
04 05 19 16-0055		Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Ties *(04 05 19 16-0054)*		
04 05 19 16-0056	EA	6" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.79	
04 05 19 16-0057	EA	7" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.87	
04 05 19 16-0058	EA	8" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.90	
04 05 19 16-0059	EA	9" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.96	
04 05 19 16-0060	EA	10" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.99	
04 05 19 16-0061		Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Ties *(04 05 19 16-0054)*		
04 05 19 16-0062	EA	6" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.52	
04 05 19 16-0063	EA	7" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.57	
04 05 19 16-0064	EA	8" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.59	
04 05 19 16-0065	EA	9" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.63	
04 05 19 16-0066	EA	10" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.65	
04 05 19 16-0067		Corrugated Buck (Brick) Anchors *(04 05 19 16)*		

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 16-0068		Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchors *(04 05 19 16-0067)*		
04 05 19 16-0069	EA	3-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	2.18	
04 05 19 16-0070	EA	4-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	2.26	
04 05 19 16-0071	EA	5-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	2.34	
04 05 19 16-0072	EA	6-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	2.43	
04 05 19 16-0073	EA	7-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	2.51	
04 05 19 16-0074	EA	3-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	2.25	
04 05 19 16-0075	EA	4-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	2.34	
04 05 19 16-0076	EA	5-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	2.43	
04 05 19 16-0077	EA	6-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	2.52	
04 05 19 16-0078	EA	7-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	2.61	
04 05 19 16-0079		Mill Galvanized, Corrugated Buck (Brick) Anchors *(04 05 19 16-0067)*		
04 05 19 16-0080	EA	3-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	1.88	
04 05 19 16-0081	EA	4-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	1.94	
04 05 19 16-0082	EA	5-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	2.00	
04 05 19 16-0083	EA	6-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	2.06	
04 05 19 16-0084	EA	7-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	2.12	
04 05 19 16-0085	EA	3-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	1.93	
04 05 19 16-0086	EA	4-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	2.00	
04 05 19 16-0087	EA	5-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	2.06	
04 05 19 16-0088	EA	6-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	2.13	
04 05 19 16-0089	EA	7-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	2.20	
04 05 19 16-0090		Corrugated Wall Ties *(04 05 19 16)*		
04 05 19 16-0091		Hot-Dipped Galvanized, Corrugated Wall Ties *(04 05 19 16-0090)*		
04 05 19 16-0092	EA	7/8" Width, 7" Length, 28 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie	1.09	
04 05 19 16-0093	EA	7/8" Width, 7" Length, 26 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie	1.16	
04 05 19 16-0094	EA	7/8" Width, 7" Length, 24 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie	1.18	
04 05 19 16-0095	EA	7/8" Width, 7" Length, 22 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie	1.21	
04 05 19 16-0096	EA	7/8" Width, 7" Length, 16 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie	1.45	
04 05 19 16-0097		Mill Galvanized, Corrugated Wall Ties *(04 05 19 16-0090)*		
04 05 19 16-0098	EA	7/8" Width, 7" Length, 26 Gauge, Mill Galvanized, Corrugated Wall Tie	1.12	
04 05 19 16-0099	EA	7/8" Width, 7" Length, 24 Gauge, Mill Galvanized, Corrugated Wall Tie	1.13	
04 05 19 16-0100	EA	7/8" Width, 7" Length, 22 Gauge, Mill Galvanized, Corrugated Wall Tie	1.15	
04 05 19 16-0101	EA	7/8" Width, 7" Length, 16 Gauge, Mill Galvanized, Corrugated Wall Tie	1.34	
04 05 19 16-0102		Stainless Steel, Corrugated Wall Ties *(04 05 19 16-0090)*		
04 05 19 16-0103	EA	7/8" Width, 7" Length, 28 Gauge, Stainless Steel, Corrugated Wall Tie	1.45	
04 05 19 16-0104	EA	7/8" Width, 7" Length, 26 Gauge, Stainless Steel, Corrugated Wall Tie	1.52	
04 05 19 16-0105	EA	7/8" Width, 7" Length, 24 Gauge, Stainless Steel, Corrugated Wall Tie	1.58	
04 05 19 16-0106	EA	7/8" Width, 7" Length, 22 Gauge, Stainless Steel, Corrugated Wall Tie	1.65	
04 05 19 16-0107	EA	7/8" Width, 7" Length, 16 Gauge, Stainless Steel, Corrugated Wall Tie	1.99	
04 05 19 16-0108		Wire Mesh Wall Ties *(04 05 19 16)*		
		Note: 1/2" square mesh.		
04 05 19 16-0109	EA	3" Width, 8" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie	2.20	
04 05 19 16-0110	EA	3" Width, 12" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie	2.68	
04 05 19 16-0111	EA	6" Width, 8" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie	3.17	
04 05 19 16-0112	EA	6" Width, 12" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie	4.06	
04 05 19 16-0113	EA	10" Width, 8" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie	3.81	
04 05 19 16-0114	EA	10" Width, 12" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie	4.70	
04 05 19 16-0115		Triangle Brick Ties *(04 05 19 16)*		
04 05 19 16-0116		Hot-Dipped Galvanized, Triangle Brick Ties *(04 05 19 16-0115)*		
04 05 19 16-0117	EA	3" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.94	
04 05 19 16-0118	EA	3-1/2" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.98	
04 05 19 16-0119	EA	4" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.02	
04 05 19 16-0120	EA	4-1/2" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.10	
04 05 19 16-0121	EA	5" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.14	
04 05 19 16-0122	EA	6" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.26	
04 05 19 16-0123	EA	7" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.34	
04 05 19 16-0124	EA	9" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.52	
04 05 19 16-0125	EA	3" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.32	
04 05 19 16-0126	EA	3-1/2" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.35	
04 05 19 16-0127	EA	4" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.38	
04 05 19 16-0128	EA	4-1/2" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.46	
04 05 19 16-0129	EA	5" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.48	
04 05 19 16-0130	EA	6" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.59	
04 05 19 16-0131	EA	7" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.65	
04 05 19 16-0132	EA	9" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.85	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 16-0133		Mill Galvanized, Triangle Brick Ties *(04 05 19 16-0115)*		
04 05 19 16-0134	EA	3" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.76	
04 05 19 16-0135	EA	3-1/2" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.78	
04 05 19 16-0136	EA	4" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.79	
04 05 19 16-0137	EA	4-1/2" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.85	
04 05 19 16-0138	EA	5" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.86	
04 05 19 16-0139	EA	6" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.94	
04 05 19 16-0140	EA	7" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.97	
04 05 19 16-0141	EA	9" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	2.03	
04 05 19 16-0142	EA	3" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	1.99	
04 05 19 16-0143	EA	3-1/2" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	2.01	
04 05 19 16-0144	EA	4" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	2.03	
04 05 19 16-0145	EA	4-1/2" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	2.10	
04 05 19 16-0146	EA	5" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	2.12	
04 05 19 16-0147	EA	6" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	2.21	
04 05 19 16-0148	EA	7" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	2.25	
04 05 19 16-0149	EA	9" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	2.35	
04 05 19 16-0150		Seismic Veneer Anchors *(04 05 19 16)*		
04 05 19 16-0151	EA	3-1/2" Length, 1-1/4" Width, Stainless Steel, Seismic Notch Veneer Anchor Note: For horizontal wire attachment. Excludes wire.	6.43	
04 05 19 16-0152		Slip-Set, Joint Stabilization Anchors *(04 05 19 16)* Note: For restraining lateral movement at control joints. Field bendable.		
04 05 19 16-0153	EA	9-5/8" Length, 1-5/8" Width, Mill Galvanized, Slip-Set, Joint Stabilization Anchor	6.46	
04 05 19 16-0154	EA	9-5/8" Length, 1-5/8" Width, Hot-Dipped Galvanized, Slip-Set, Joint Stabilization Anchor	7.01	
04 05 19 16-0155	EA	9-5/8" Length, 1-5/8" Width, Stainless Steel, Slip-Set, Joint Stabilization Anchor	6.43	
04 05 19 16-0156		Strap Partition Top Anchors *(04 05 19 16)*		
04 05 19 16-0157	EA	12 Gauge Strap, 3/8" Rod, Hot-Dipped Galvanized, Partition Top Anchor	3.71	
04 05 19 16-0158	EA	12 Gauge Strap, 3/8" Rod, Stainless Steel, Partition Top Anchor	6.77	
04 05 19 16-0159		Rigid Partition Anchors *(04 05 19 16)*		
04 05 19 16-0160		Hot-Dipped Galvanized, Rigid Partition Anchors *(04 05 19 16-0159)*		
04 05 19 16-0161	EA	1" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	2.79	
04 05 19 16-0162	EA	1-1/4" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	3.02	
04 05 19 16-0163	EA	1-1/2" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	3.31	
04 05 19 16-0164	EA	1-3/4" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	3.58	
04 05 19 16-0165	EA	2" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	3.84	
04 05 19 16-0166	EA	2-1/4" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	4.10	
04 05 19 16-0167	EA	1" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	3.84	
04 05 19 16-0168	EA	1-1/4" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	4.67	
04 05 19 16-0169	EA	1-1/2" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	5.51	
04 05 19 16-0170	EA	1-3/4" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	6.35	
04 05 19 16-0171	EA	2" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	7.19	
04 05 19 16-0172	EA	2-1/4" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	8.03	
04 05 19 16-0173		Mill Galvanized, Rigid Partition Anchors *(04 05 19 16-0159)*		
04 05 19 16-0174	EA	1" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	2.56	
04 05 19 16-0175	EA	1-1/4" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	2.76	
04 05 19 16-0176	EA	1-1/2" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	2.97	
04 05 19 16-0177	EA	1-3/4" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	3.17	
04 05 19 16-0178	EA	2" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	3.37	
04 05 19 16-0179	EA	2-1/4" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	3.58	
04 05 19 16-0180		Screw-On Masonry Veneer Anchor Plates *(04 05 19 16)*		
04 05 19 16-0181	EA	12 Gauge, Hot-Dipped Galvanized, Screw-On Masonry Veneer Anchor Plate	1.79	
04 05 19 16-0182	EA	14 Gauge, Hot-Dipped Galvanized, Screw-On Masonry Veneer Anchor Plate	1.89	
04 05 19 16-0183		Wire Column Ties *(04 05 19 16)*		
04 05 19 16-0184		Hot-Dipped Galvanized, Wire Column Ties *(04 05 19 16-0183)*		
04 05 19 16-0185	EA	3" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	2.16	
04 05 19 16-0186	EA	5" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	2.30	
04 05 19 16-0187	EA	7" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	2.40	
04 05 19 16-0188	EA	9" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	2.54	
04 05 19 16-0189	EA	10" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	2.28	
04 05 19 16-0190	EA	12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	2.40	
04 05 19 16-0191	EA	14" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	2.49	
04 05 19 16-0192	EA	16" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	2.58	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 16-0193	EA	3" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	2.89	
04 05 19 16-0194	EA	5" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	3.14	
04 05 19 16-0195	EA	7" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	3.29	
04 05 19 16-0196	EA	9" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	3.52	
04 05 19 16-0197	EA	10" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	3.14	
04 05 19 16-0198	EA	12" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	3.29	
04 05 19 16-0199	EA	14" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	3.43	
04 05 19 16-0200	EA	16" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	3.59	
04 05 19 16-0201		Mill Galvanized, Wire Column Ties *(04 05 19 16-0183)*		
04 05 19 16-0202	EA	3" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	1.91	
04 05 19 16-0203	EA	5" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	2.00	
04 05 19 16-0204	EA	7" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	2.05	
04 05 19 16-0205	EA	9" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	2.14	
04 05 19 16-0206	EA	10" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	1.95	
04 05 19 16-0207	EA	12" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	2.04	
04 05 19 16-0208	EA	14" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	2.09	
04 05 19 16-0209	EA	16" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	2.16	
04 05 19 16-0210	EA	3" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	2.45	
04 05 19 16-0211	EA	5" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	2.61	
04 05 19 16-0212	EA	7" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	2.68	
04 05 19 16-0213	EA	9" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	2.84	
04 05 19 16-0214	EA	10" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	2.38	
04 05 19 16-0215	EA	12" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	2.65	
04 05 19 16-0216	EA	14" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	2.75	
04 05 19 16-0217	EA	16" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	2.84	
04 05 19 16-0218		Dovetail Anchors, Slots And Ties *(04 05 19 16)*		
04 05 19 16-0219		Dovetail Anchor Slots *(04 05 19 16-0218)*		
04 05 19 16-0220		Hot-Dipped Galvanized, Dovetail Anchor Slot *(04 05 19 16-0219)*		
04 05 19 16-0221	LF	24 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot	4.22	
04 05 19 16-0222	LF	22 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot	4.63	
04 05 19 16-0223	LF	20 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot	4.87	
04 05 19 16-0224	LF	18 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot	4.99	
04 05 19 16-0225	LF	16 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot	5.27	
04 05 19 16-0226		Mill Galvanized, Dovetail Anchor Slot *(04 05 19 16-0219)*		
04 05 19 16-0227	LF	24 Gauge, Mill Galvanized, Dovetail Anchor Slot	3.40	
04 05 19 16-0228	LF	22 Gauge, Mill Galvanized, Dovetail Anchor Slot	3.92	
04 05 19 16-0229	LF	20 Gauge, Mill Galvanized, Dovetail Anchor Slot	4.04	
04 05 19 16-0230	LF	18 Gauge, Mill Galvanized, Dovetail Anchor Slot	4.22	
04 05 19 16-0231	LF	16 Gauge, Mill Galvanized, Dovetail Anchor Slot	4.34	
04 05 19 16-0232		304 Stainless Steel, Dovetail Anchor Slot *(04 05 19 16-0219)*		
04 05 19 16-0233	LF	24 Gauge, 304 Stainless Steel, Dovetail Anchor Slot	4.18	
04 05 19 16-0234	LF	22 Gauge, 304 Stainless Steel, Dovetail Anchor Slot	4.64	
04 05 19 16-0235	LF	20 Gauge, 304 Stainless Steel, Dovetail Anchor Slot	4.80	
04 05 19 16-0236	LF	18 Gauge, 304 Stainless Steel, Dovetail Anchor Slot	5.32	
04 05 19 16-0237	LF	16 Gauge, 304 Stainless Steel, Dovetail Anchor Slot	5.82	
04 05 19 16-0238		316 Stainless Steel, Dovetail Anchor Slot *(04 05 19 16-0219)*		
04 05 19 16-0239	LF	24 Gauge, 316 Stainless Steel, Dovetail Anchor Slot	4.54	
04 05 19 16-0240	LF	22 Gauge, 316 Stainless Steel, Dovetail Anchor Slot	4.89	
04 05 19 16-0241	LF	20 Gauge, 316 Stainless Steel, Dovetail Anchor Slot	5.24	
04 05 19 16-0242	LF	18 Gauge, 316 Stainless Steel, Dovetail Anchor Slot	5.69	
04 05 19 16-0243	LF	16 Gauge, 316 Stainless Steel, Dovetail Anchor Slot	5.95	
04 05 19 16-0244		Dovetail Corrugated Brick Ties *(04 05 19 16-0218)*		
04 05 19 16-0245		Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie *(04 05 19 16-0244)*		
04 05 19 16-0246	EA	3-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.42	
04 05 19 16-0247	EA	5-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.55	
04 05 19 16-0248	EA	7-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.68	
04 05 19 16-0249	EA	3-1/2" Length, 1" Width, 14 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.45	
04 05 19 16-0250	EA	5-1/2" Length, 1" Width, 14 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.70	
04 05 19 16-0251	EA	7-1/2" Length, 1" Width, 14 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.89	
04 05 19 16-0252	EA	3-1/2" Length, 1" Width, 12 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.52	
04 05 19 16-0253	EA	5-1/2" Length, 1" Width, 12 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.69	
04 05 19 16-0254	EA	7-1/2" Length, 1" Width, 12 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.86	
04 05 19 16-0255		Mill Galvanized, Dovetail Corrugated Brick Tie *(04 05 19 16-0244)*		
04 05 19 16-0256	EA	3-1/2" Length, 1" Width, 16 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.30	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 16-0257	EA	5-1/2" Length, 1" Width, 16 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.38	
04 05 19 16-0258	EA	7-1/2" Length, 1" Width, 16 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.46	
04 05 19 16-0259	EA	3-1/2" Length, 1" Width, 14 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.37	
04 05 19 16-0260	EA	5-1/2" Length, 1" Width, 14 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.53	
04 05 19 16-0261	EA	7-1/2" Length, 1" Width, 14 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.66	
04 05 19 16-0262	EA	3-1/2" Length, 1" Width, 12 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.39	
04 05 19 16-0263	EA	5-1/2" Length, 1" Width, 12 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.59	
04 05 19 16-0264	EA	7-1/2" Length, 1" Width, 12 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.73	
04 05 19 16-0265		Dovetail Stone Anchors *(04 05 19 16-0218)*		
04 05 19 16-0266		Hot-Dipped Galvanized, Dovetail Stone Anchors *(04 05 19 16-0265)*		
04 05 19 16-0267	EA	3-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Stone Anchor	1.70	
04 05 19 16-0268	EA	5-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Stone Anchor	1.84	
04 05 19 16-0269	EA	7-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Stone Anchor	1.97	
04 05 19 16-0270		Dovetail Partition Top Anchors *(04 05 19 16-0218)*		
04 05 19 16-0271	EA	3/8" Rod, Hot-Dipped Galvanized, Dovetail Partition Top Anchor	3.88	
04 05 19 16-0272	EA	3/8" Rod, Stainless Steel, Dovetail Partition Top Anchor	7.28	
04 05 19 16-0273		Dovetail Flexible Triangle Brick Ties *(04 05 19 16-0218)*		
04 05 19 16-0274		Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Ties *(04 05 19 16-0273)*		
04 05 19 16-0275	EA	3" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie	2.52	
04 05 19 16-0276	EA	5" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie	2.69	
04 05 19 16-0277	EA	7" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie	2.82	
04 05 19 16-0278	EA	9" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie	2.93	
04 05 19 16-0279		Mill Galvanized, Dovetail Flexible Triangle Brick Ties *(04 05 19 16-0273)*		
04 05 19 16-0280	EA	3" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie	2.27	
04 05 19 16-0281	EA	5" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie	2.29	
04 05 19 16-0282	EA	7" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie	2.36	
04 05 19 16-0283	EA	9" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie	2.56	
04 05 19 26		**Masonry Reinforcing Bars** *(04 05 19)*		
		Note: Includes cutting and bending.		
04 05 19 26-0001		Plain Steel Masonry Reinforcement Bar *(04 05 19 26)*		
04 05 19 26-0002	LF	#3, Grade 40, Horizontal Placed, Steel Masonry Reinforcement Bar	1.16	
04 05 19 26-0003	LF	#4, Grade 40, Horizontal Placed, Steel Masonry Reinforcement Bar	1.92	
04 05 19 26-0004	LF	#5, Grade 40, Horizontal Placed, Steel Masonry Reinforcement Bar	2.72	
04 05 19 26-0005	LF	#6, Grade 40, Horizontal Placed, Steel Masonry Reinforcement Bar	3.59	
04 05 19 26-0006	LF	#3, Grade 50, Horizontal Placed, Steel Masonry Reinforcement Bar	1.18	
04 05 19 26-0007	LF	#4, Grade 50, Horizontal Placed, Steel Masonry Reinforcement Bar	1.96	
04 05 19 26-0008	LF	#5, Grade 50, Horizontal Placed, Steel Masonry Reinforcement Bar	2.77	
04 05 19 26-0009	LF	#6, Grade 50, Horizontal Placed, Steel Masonry Reinforcement Bar	3.67	
04 05 19 26-0010	LF	#3, Grade 60, Horizontal Placed, Steel Masonry Reinforcement Bar	1.21	
04 05 19 26-0011	LF	#4, Grade 60, Horizontal Placed, Steel Masonry Reinforcement Bar	2.01	
04 05 19 26-0012	LF	#5, Grade 60, Horizontal Placed, Steel Masonry Reinforcement Bar	2.86	
04 05 19 26-0013	LF	#6, Grade 60, Horizontal Placed, Steel Masonry Reinforcement Bar	3.79	
04 05 19 26-0014	LF	#3, Grade 40, Vertical Placed, Steel Masonry Reinforcement Bar	1.36	
04 05 19 26-0015	LF	#4, Grade 40, Vertical Placed, Steel Masonry Reinforcement Bar	2.21	
04 05 19 26-0016	LF	#5, Grade 40, Vertical Placed, Steel Masonry Reinforcement Bar	3.13	
04 05 19 26-0017	LF	#6, Grade 40, Vertical Placed, Steel Masonry Reinforcement Bar	4.09	
04 05 19 26-0018	LF	#3, Grade 50, Vertical Placed, Steel Masonry Reinforcement Bar	1.38	
04 05 19 26-0019	LF	#4, Grade 50, Vertical Placed, Steel Masonry Reinforcement Bar	2.25	
04 05 19 26-0020	LF	#5, Grade 50, Vertical Placed, Steel Masonry Reinforcement Bar	3.18	
04 05 19 26-0021	LF	#6, Grade 50, Vertical Placed, Steel Masonry Reinforcement Bar	4.17	
04 05 19 26-0022	LF	#3, Grade 60, Vertical Placed, Steel Masonry Reinforcement Bar	1.41	
04 05 19 26-0023	LF	#4, Grade 60, Vertical Placed, Steel Masonry Reinforcement Bar	2.30	
04 05 19 26-0024	LF	#5, Grade 60, Vertical Placed, Steel Masonry Reinforcement Bar	3.27	
04 05 19 26-0025	LF	#6, Grade 60, Vertical Placed, Steel Masonry Reinforcement Bar	4.29	
04 05 19 26-0026		Galvanized Steel Masonry Reinforcement Bar *(04 05 19 26)*		
04 05 19 26-0027	LF	#3, Grade 40, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	1.36	
04 05 19 26-0028	LF	#4, Grade 40, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	2.28	
04 05 19 26-0029	LF	#5, Grade 40, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	3.29	
04 05 19 26-0030	LF	#6, Grade 40, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	4.40	
04 05 19 26-0031	LF	#3, Grade 50, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	1.38	
04 05 19 26-0032	LF	#4, Grade 50, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	2.32	
04 05 19 26-0033	LF	#5, Grade 50, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	3.34	
04 05 19 26-0034	LF	#6, Grade 50, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	4.48	
04 05 19 26-0035	LF	#3, Grade 60, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	1.41	
04 05 19 26-0036	LF	#4, Grade 60, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	2.37	
04 05 19 26-0037	LF	#5, Grade 60, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	3.42	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 26-0038	LF	#6, Grade 60, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	4.60	
04 05 19 26-0039	LF	#3, Grade 40, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	1.56	
04 05 19 26-0040	LF	#4, Grade 40, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	2.57	
04 05 19 26-0041	LF	#5, Grade 40, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	3.70	
04 05 19 26-0042	LF	#6, Grade 40, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	4.90	
04 05 19 26-0043	LF	#3, Grade 50, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	1.58	
04 05 19 26-0044	LF	#4, Grade 50, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	2.61	
04 05 19 26-0045	LF	#5, Grade 50, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	3.75	
04 05 19 26-0046	LF	#6, Grade 50, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	4.98	
04 05 19 26-0047	LF	#3, Grade 60, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	1.61	
04 05 19 26-0048	LF	#4, Grade 60, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	2.66	
04 05 19 26-0049	LF	#5, Grade 60, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	3.83	
04 05 19 26-0050	LF	#6, Grade 60, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	5.10	
04 05 19 26-0051		Epoxy-Coated Masonry Reinforcement Bar *(04 05 19 26)*		
04 05 19 26-0052	LF	#3, Grade 40, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	1.34	
04 05 19 26-0053	LF	#4, Grade 40, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	2.24	
04 05 19 26-0054	LF	#5, Grade 40, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	3.22	
04 05 19 26-0055	LF	#6, Grade 40, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	4.31	
04 05 19 26-0056	LF	#3, Grade 50, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	1.36	
04 05 19 26-0057	LF	#4, Grade 50, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	2.28	
04 05 19 26-0058	LF	#5, Grade 50, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	3.28	
04 05 19 26-0059	LF	#6, Grade 50, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	4.39	
04 05 19 26-0060	LF	#3, Grade 60, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	1.39	
04 05 19 26-0061	LF	#4, Grade 60, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	2.33	
04 05 19 26-0062	LF	#5, Grade 60, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	3.36	
04 05 19 26-0063	LF	#6, Grade 60, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	4.51	
04 05 19 26-0064	LF	#3, Grade 40, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	1.54	
04 05 19 26-0065	LF	#4, Grade 40, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	2.53	
04 05 19 26-0066	LF	#5, Grade 40, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	3.63	
04 05 19 26-0067	LF	#6, Grade 40, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	4.81	
04 05 19 26-0068	LF	#3, Grade 50, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	1.56	
04 05 19 26-0069	LF	#4, Grade 50, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	2.57	
04 05 19 26-0070	LF	#5, Grade 50, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	3.69	
04 05 19 26-0071	LF	#6, Grade 50, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	4.89	
04 05 19 26-0072	LF	#3, Grade 60, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	1.59	
04 05 19 26-0073	LF	#4, Grade 60, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	2.62	
04 05 19 26-0074	LF	#5, Grade 60, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	3.77	
04 05 19 26-0075	LF	#6, Grade 60, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	5.01	

04 05 23 Masonry Accessories *(04 05)*

04 05 23 13 Masonry Control and Expansion Joints *(04 05 23)*

04 05 23 13-0001 Masonry Control Joints *(04 05 23 13)*

04 05 23 13-0002 Rubber, Masonry Control Joints *(04 05 23 13-0001)*

04 05 23 13-0003	LF	1-5/8" Width, T-Style, Rubber, Masonry Control Joint	6.22	1.01
04 05 23 13-0004	LF	2-5/8" Width, Rubber, Masonry Control Joint	6.05	1.01
04 05 23 13-0005	LF	6-7/8" Width, Rubber, Masonry Control Joint	12.70	1.01

04 05 23 13-0006 Polyvinyl Chloride (PVC), Masonry Control Joints *(04 05 23 13-0001)*

04 05 23 13-0007	LF	1-5/8" Width, T-Style, Polyvinyl Chloride (PVC), Masonry Control Joint	3.83	1.01
04 05 23 13-0008	LF	2-5/8" Width, Polyvinyl Chloride (PVC), Masonry Control Joint	3.97	1.01
04 05 23 13-0009	LF	4-7/8" Width, Polyvinyl Chloride (PVC), Masonry Control Joint	5.01	1.01
04 05 23 13-0010	LF	6-7/8" Width, Polyvinyl Chloride (PVC), Masonry Control Joint	5.56	1.01
04 05 23 13-0011	LF	11-1/8" Width, Polyvinyl Chloride (PVC), Masonry Control Joint	5.26	1.01

04 05 23 16 Masonry Embedded Flashing *(04 05 23)*

04 05 23 16-0001 Lead Coated Copper Through Wall Flashing *(04 05 23 16)*

04 05 23 16-0002 Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing *(04 05 23 16-0001)*

04 05 23 16-0003	SF	2 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing	9.38	1.96
04 05 23 16-0004	SF	3 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing	10.34	1.96
04 05 23 16-0005	SF	5 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing	13.03	1.96
04 05 23 16-0006	SF	7 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing	15.40	1.96

04 05 23 16-0007 Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing *(04 05 23 16-0001)*

04 05 23 16-0008	SF	2 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing	10.32	1.96
04 05 23 16-0009	SF	3 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing	11.19	1.96
04 05 23 16-0010	SF	5 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing	14.29	1.96
04 05 23 16-0011	SF	7 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing	17.14	1.96

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 23 16-0012		Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing *(04 05 23 16-0001)*		
04 05 23 16-0013	SF	2 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing	9.59	1.96
04 05 23 16-0014	SF	3 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing	10.80	1.96
04 05 23 16-0015	SF	5 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing	12.54	1.96
04 05 23 16-0016	SF	7 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing	16.17	1.96
04 05 23 16-0017		Stainless Steel Through Wall Flashing *(04 05 23 16)*		
04 05 23 16-0018		Paper Backed 2 Sides, Stainless Steel Through Wall Flashing *(04 05 23 16-0017)*		
04 05 23 16-0019	SF	0.005" Thick Paper Backed 2 Sides, Stainless Steel Through Wall Flashing	7.62	1.83
04 05 23 16-0020		Polyvinyl Chloride (PVC) Through Wall Flashing *(04 05 23 16)*		
04 05 23 16-0021	SF	0.010" Thick Black Polyvinyl Chloride (PVC) Through Wall Flashing	4.95	2.12
04 05 23 16-0022	SF	0.020" Thick Black Polyvinyl Chloride (PVC) Through Wall Flashing	5.15	2.12
04 05 23 16-0023	SF	0.030" Thick Black Polyvinyl Chloride (PVC) Through Wall Flashing	5.38	2.12
04 05 23 16-0024	SF	0.056" Thick Black Polyvinyl Chloride (PVC) Through Wall Flashing	6.14	2.12
04 05 23 16-0025		Copper Through Wall Flashing *(04 05 23 16)*		
04 05 23 16-0026		2 Sides Coated With Asphalt, Thru-Wall Copper Flashing *(04 05 23 16-0025)*		
04 05 23 16-0027	SF	2 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing	7.92	1.83
04 05 23 16-0028	SF	3 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing	8.63	1.83
04 05 23 16-0029	SF	5 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing	10.61	1.83
04 05 23 16-0030	SF	7 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing	12.34	1.83
04 05 23 16-0031	SF	10 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing	13.08	1.83
04 05 23 16-0032		2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing *(04 05 23 16-0025)*		
04 05 23 16-0033	SF	2 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	8.63	1.83
04 05 23 16-0034	SF	3 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	9.26	1.83
04 05 23 16-0035	SF	5 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	11.53	1.83
04 05 23 16-0036	SF	7 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	13.61	1.83
04 05 23 16-0037	SF	10 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	14.84	1.83
04 05 23 16-0038		1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing *(04 05 23 16-0025)*		
04 05 23 16-0039	SF	2 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	8.00	1.83
04 05 23 16-0040	SF	3 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	8.72	1.83
04 05 23 16-0041	SF	5 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	10.68	1.83
04 05 23 16-0042	SF	7 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	12.41	1.83
04 05 23 16-0043	SF	10 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	13.15	1.83
04 05 23 16-0044		2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing *(04 05 23 16-0025)*		
04 05 23 16-0045	SF	2 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing	8.10	1.83
04 05 23 16-0046	SF	3 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing	8.97	1.83
04 05 23 16-0047	SF	5 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing	10.25	1.83
04 05 23 16-0048	SF	7 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing	12.91	1.83
04 05 23 16-0049	SF	10 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing	8.92	1.83
04 05 23 16-0050		2 Sides Kraft Paper Reinforced With Glass Fabric And Asphalt, Thru-Wall Copper Flashing *(04 05 23 16-0025)*		
04 05 23 16-0051	SF	3 Ounce, 2 Sides Kraft Paper Reinforced With Glass Fabric And Asphalt, Thru-Wall Copper Flashing	11.01	1.83
04 05 23 16-0052	SF	5 Ounce, 2 Sides Kraft Paper Reinforced With Glass Fabric And Asphalt, Thru-Wall Copper Flashing	13.63	1.83
04 05 23 16-0053		2 Sides Glass Fabric, Thru-Wall Copper Flashing *(04 05 23 16-0025)* Note: Glass fabric is bonded to both sides with a non-asphaltic adhesive.		
04 05 23 16-0054	SF	3 Ounce, 2 Sides Glass Fabric, Thru-Wall Copper Flashing	9.49	1.83
04 05 23 16-0055	SF	5 Ounce, 2 Sides Glass Fabric, Thru-Wall Copper Flashing	11.84	1.83
04 05 23 19		**Masonry Cavity Drainage, Weepholes, and Vents** *(04 05 23)*		
04 05 23 19-0001		Brick Vents, 4" Deep, With Insect Screen *(04 05 23 19)* Note: 0.100" nominal wall thickness, three mortar ribs on top and bottom of frame.		
04 05 23 19-0002	EA	8-1/8" x 2-3/8" Aluminum Brick Vent	81.60	
04 05 23 19-0003	EA	8-1/8" x 4-3/4" Aluminum Brick Vent	101.52	
04 05 23 19-0004	EA	8-1/8" x 7-3/4" Aluminum Brick Vent	128.67	
04 05 23 19-0005	EA	12" x 2-3/8" Aluminum Brick Vent	101.07	
04 05 23 19-0006	EA	12" x 4-3/4" Aluminum Brick Vent	125.26	
04 05 23 19-0007	EA	12" x 7-3/4" Aluminum Brick Vent	159.19	
04 05 23 19-0008	EA	16-1/2" x 2-3/8" Aluminum Brick Vent	120.28	
04 05 23 19-0009	EA	16-1/2" x 4-3/4" Aluminum Brick Vent	164.04	
04 05 23 19-0010	EA	16-1/2" x 7-3/4" Aluminum Brick Vent	201.57	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 23 19-0011	EA	24" x 2-3/8" Aluminum Brick Vent	165.61	
04 05 23 19-0012	EA	24" x 4-3/4" Aluminum Brick Vent	216.08	
04 05 23 19-0013	EA	24" x 7-3/4" Aluminum Brick Vent	267.06	

04 20 Unit Masonry *(04)*

Note: Includes finishing joints (pointing) and cleaning of new brick and mortar. Cutting of new bricks/blocks to size. Weep holes and wicking material.

04 21 Clay Unit Masonry *(04 20)*

04 21 13 Brick Masonry *(04 21)*

Note: Includes brick and mortar. See CSI section 04 05 19 13-0000 for reinforcing, 04 05 19 16-0000 for masonry anchors.

04 21 13 00-0001 Brick Masonry *(04 21 13)*

04 21 13 00-0002	SF	Standard Size Red Brick, Running Bond Note: Standard size brick, 3-5/8" x 2-1/4" x 8". (6.55 Bricks/SF)	26.02
		For Buff Or Gray, Add	*0.96*
		For Common Or American Bond, Add	*0.81*
		For English Bond, Add	*1.62*
		For Flemish Bond, Add	*3.33*
		For Stacked Bond, Add	*2.31*
		For <10, Small Area Replacements (Individual Areas), Add	*30.65*
		For Curved Wall, Add	*4.05*
		For Corbels, Add	*15.18*
		For Severe Weather (SW) Brick, Add	*0.87*
		For Glazed Brick, Add	*20.23*
04 21 13 00-0003	SF	Engineer Standard Size Red Brick, Running Bond Note: Engineer standard size brick, 3-5/8" x 2-3/4" x 8". (5.39 Bricks/SF)	26.94
		For Buff Or Gray, Add	*1.19*
		For Common Or American Bond, Add	*0.79*
		For English Bond, Add	*1.58*
		For Flemish Bond, Add	*3.33*
		For Stacked Bond, Add	*2.34*
		For <10, Small Area Replacements (Individual Areas), Add	*30.03*
		For Curved Wall, Add	*3.96*
		For Corbels, Add	*14.84*
		For Severe Weather (SW) Brick, Add	*1.07*
		For Glazed Brick, Add	*25.06*
04 21 13 00-0004	SF	Modular Size Red Brick, Running Bond Note: Modular size brick, 3-5/8" x 2-1/4" x 7-5/8". (6.75 Bricks/SF)	26.02
		For Buff Or Gray, Add	*0.96*
		For Common Or American Bond, Add	*0.81*
		For English Bond, Add	*1.62*
		For Flemish Bond, Add	*3.33*
		For Stacked Bond, Add	*2.31*
		For <10, Small Area Replacements (Individual Areas), Add	*30.65*
		For Curved Wall, Add	*4.05*
		For Corbels, Add	*15.18*
		For Severe Weather (SW) Brick, Add	*0.87*
		For Glazed Brick, Add	*20.23*
04 21 13 00-0005	SF	Engineer Modular Size Red Brick, Running Bond Note: Engineer modular size brick, 3-5/8" x 2-3/4" x 7-5/8". (5.63 Bricks/SF)	26.94
		For Buff Or Gray, Add	*1.19*
		For Common Or American Bond, Add	*0.79*
		For English Bond, Add	*1.58*
		For Flemish Bond, Add	*3.33*
		For Stacked Bond, Add	*2.34*
		For <10, Small Area Replacements (Individual Areas), Add	*30.03*
		For Curved Wall, Add	*3.96*
		For Corbels, Add	*14.84*
		For Severe Weather (SW) Brick, Add	*1.07*
		For Glazed Brick, Add	*25.06*
04 21 13 00-0006	SF	Economy Size Red Brick, Running Bond Note: Economy size brick, 3-5/8" x 3-5/8" x 7-5/8". (4.5 Bricks/SF)	26.75
		For Buff Or Gray, Add	*1.16*
		For Common Or American Bond, Add	*0.79*
		For English Bond, Add	*1.58*
		For Flemish Bond, Add	*3.32*
		For Stacked Bond, Add	*2.33*
		For <10, Small Area Replacements (Individual Areas), Add	*30.02*
		For Curved Wall, Add	*3.96*
		For Corbels, Add	*14.84*
		For Severe Weather (SW) Brick, Add	*1.05*
		For Glazed Brick, Add	*24.40*
04 21 13 00-0007	SF	Utility Size Red Brick, Running Bond Note: Utility size brick, 3-5/8" x 3-5/8" x 11-5/8". (3.0 Bricks/SF)	19.78
		For Buff Or Gray, Add	*1.00*
		For Common Or American Bond, Add	*0.55*
		For English Bond, Add	*1.10*
		For Flemish Bond, Add	*2.37*
		For Stacked Bond, Add	*1.68*
		For <10, Small Area Replacements (Individual Areas), Add	*21.01*
		For Curved Wall, Add	*2.76*
		For Corbels, Add	*10.36*
		For Severe Weather (SW) Brick, Add	*0.90*
		For Glazed Brick, Add	*20.90*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 21 13 00-0008	SF	Double Utility Size Red Brick, Running Bond Note: Double utility size brick, 3-5/8" x 7-5/8" x 11-5/8". (1.5 Bricks/SF)	17.99	
		For Buff Or Gray, Add	*0.70*	
		For Common Or American Bond, Add	*0.55*	
		For English Bond, Add	*1.10*	
		For Flemish Bond, Add	*2.28*	
		For Stacked Bond, Add	*1.59*	
		For <10, Small Area Replacements (Individual Areas), Add	*20.92*	
		For Curved Wall, Add	*2.76*	
		For Corbels, Add	*10.36*	
		For Severe Weather (SW) Brick, Add	*0.63*	
		For Glazed Brick, Add	*14.63*	
04 21 13 00-0009	SF	Norman Size Red Brick, Running Bond Note: Norman size brick, 3-5/8" x 2-1/4" x 11-5/8". (4.5 Bricks/SF)	27.30	
		For Buff Or Gray, Add	*1.25*	
		For Common Or American Bond, Add	*0.79*	
		For English Bond, Add	*1.58*	
		For Flemish Bond, Add	*3.34*	
		For Stacked Bond, Add	*2.35*	
		For <10, Small Area Replacements (Individual Areas), Add	*30.05*	
		For Curved Wall, Add	*3.96*	
		For Corbels, Add	*14.84*	
		For Severe Weather (SW) Brick, Add	*1.13*	
		For Glazed Brick, Add	*26.32*	
04 21 13 00-0010	SF	Roman Size Red Brick, Running Bond Note: Roman size brick, 3-5/8" x 1-5/8" x 11-5/8". (6.0 Bricks/SF)	28.88	
		For Buff Or Gray, Add	*1.52*	
		For Common Or American Bond, Add	*0.79*	
		For English Bond, Add	*1.58*	
		For Flemish Bond, Add	*3.42*	
		For Stacked Bond, Add	*2.43*	
		For <10, Small Area Replacements (Individual Areas), Add	*30.13*	
		For Curved Wall, Add	*3.96*	
		For Corbels, Add	*14.84*	
		For Severe Weather (SW) Brick, Add	*1.37*	
		For Glazed Brick, Add	*31.85*	

04 21 13 00-0011 Fire Brick *(04 21 13)*

04 21 13 00-0012	SF	Running Bond, Red Fire Brick	30.47	
		For Buff Or Gray, Add	*1.78*	
		For Common Or American Bond, Add	*0.79*	
		For English Bond, Add	*1.58*	
		For Flemish Bond, Add	*3.50*	
		For Stacked Bond, Add	*2.51*	
		For <10, Small Area Replacements (Individual Areas), Add	*30.20*	

04 21 13 00-0013 Window Sill *(04 21 13)*

04 21 13 00-0014	LF	Standard Size Red Brick, Window Sill Note: Standard size brick, 3-5/8" x 2-1/4" x 8", placed on edge.	23.51	
		For Buff Or Gray, Add	*0.29*	
04 21 13 00-0015	LF	Engineer Standard Size Red Brick, Window Sill Note: Engineer standard size brick, 3-5/8" x 2-3/4" x 8", placed on edge.	23.71	
		For Buff Or Gray, Add	*0.32*	
04 21 13 00-0016	LF	Modular Size Red Brick, Window Sill Note: Modular size brick, 3-5/8" x 2-1/4" x 7-5/8", placed on edge.	23.51	
		For Buff Or Gray, Add	*0.29*	
04 21 13 00-0017	LF	Engineer Modular Size Red Brick, Window Sill Note: Engineer modular size brick, 3-5/8" x 2-3/4" x 7-5/8", placed on edge.	23.85	
		For Buff Or Gray, Add	*0.34*	
04 21 13 00-0018	LF	Economy Size Red Brick, Window Sill Note: Economy size brick, 3-5/8" x 3-5/8" x 7-5/8", placed on edge.	24.75	
		For Buff Or Gray, Add	*0.49*	
04 21 13 00-0019	LF	Utility Size Red Brick, Window Sill Note: Utility size brick, 3-5/8" x 3-5/8" x 11-5/8", placed on edge.	24.93	
		For Buff Or Gray, Add	*0.52*	
04 21 13 00-0020	LF	Double Utility Size Red Brick, Window Sill Note: Double utility size brick, 3-5/8" x 7-5/8" x 11-5/8", placed on edge.	24.93	
		For Buff Or Gray, Add	*0.52*	
04 21 13 00-0021	LF	Norman Size Red Brick, Window Sill Note: Norman size brick, 3-5/8" x 2-1/4" x 11-5/8", placed on edge.	23.97	
		For Buff Or Gray, Add	*0.36*	
04 21 13 00-0022	LF	Roman Size Red Brick, Window Sill Note: Roman size brick, 3-5/8" x 1-5/8" x 11-5/8", placed on edge.	24.06	
		For Buff Or Gray, Add	*0.38*	

04 21 19 Clay Tile Masonry *(04 21)*

04 21 19 00-0001 Scored Face, Hollow, Clay Backing Tile *(04 21 19)*

04 21 19 00-0002 Load Bearing, Scored Face, Hollow, Clay Backing Tile *(04 21 19 00-0001)*

04 21 19 00-0003	SF	4" Thick Load Bearing, Scored Face, Hollow, Clay Backing Tile	24.26	
		For Smooth Face, One Side, Add	*1.52*	
		For Smooth Face, Two Sides, Add	*2.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 21 19 00-0004	SF	6" Thick Load Bearing, Scored Face, Hollow, Clay Backing Tile	26.37	
		For Smooth Face, One Side, Add	*1.69*	
		For Smooth Face, Two Sides, Add	*2.85*	
04 21 19 00-0005	SF	8" Thick Load Bearing, Scored Face, Hollow, Clay Backing Tile	29.60	
		For Smooth Face, One Side, Add	*1.96*	
		For Smooth Face, Two Sides, Add	*3.32*	
04 21 19 00-0006	SF	10" Thick Load Bearing, Scored Face, Hollow, Clay Backing Tile	40.77	
		For Smooth Face, One Side, Add	*3.02*	
		For Smooth Face, Two Sides, Add	*5.21*	
04 21 19 00-0007	SF	12" Thick Load Bearing, Scored Face, Hollow, Clay Backing Tile	53.65	
		For Smooth Face, One Side, Add	*4.20*	
		For Smooth Face, Two Sides, Add	*7.33*	
04 21 19 00-0008		Non-Load Bearing, Scored Face, Hollow, Clay Backing Tile *(04 21 19 00-0001)*		
04 21 19 00-0009	SF	3" Thick Non-Load Bearing, Scored Face, Hollow, Clay Backing Tile	20.30	
		For Smooth Face, One Side, Add	*1.23*	
		For Smooth Face, Two Sides, Add	*2.05*	
04 21 19 00-0010	SF	4" Thick Non-Load Bearing, Scored Face, Hollow, Clay Backing Tile	24.34	
		For Smooth Face, One Side, Add	*1.59*	
		For Smooth Face, Two Sides, Add	*2.70*	
04 21 19 00-0011	SF	6" Thick Non-Load Bearing, Scored Face, Hollow, Clay Backing Tile	24.97	
		For Smooth Face, One Side, Add	*1.62*	
		For Smooth Face, Two Sides, Add	*2.73*	
04 21 19 00-0012	SF	8" Thick Non-Load Bearing, Scored Face, Hollow, Clay Backing Tile	38.24	
		For Smooth Face, One Side, Add	*2.87*	
		For Smooth Face, Two Sides, Add	*4.98*	
04 21 19 00-0013	SF	12" Thick Non-Load Bearing, Scored Face, Hollow, Clay Backing Tile	52.18	
		For Smooth Face, One Side, Add	*4.16*	
		For Smooth Face, Two Sides, Add	*7.27*	
04 21 26		**Glazed Structural Clay Tile Masonry** *(04 21)*		
		Note: Includes tile and mortar in all colors.		
04 21 26 00-0001		6T Series Structural Glazed Clay Tile *(04 21 26)*		
04 21 26 00-0002		Glazed On One Side 6T Series Structural Glazed Clay Tile *(04 21 26 00-0001)*		
04 21 26 00-0003	SF	2" Thick 1 Sided 6T Series Structural Glazed Clay Tile, 5-1/3" x 12"	33.46	
		For Stacked Bond, Add	*2.16*	
04 21 26 00-0004	SF	4" Thick 1 Sided 6T Series Structural Glazed Clay Tile, 5-1/3" x 12"	37.58	
		For Stacked Bond, Add	*2.16*	
04 21 26 00-0005	SF	6" Thick 1 Sided 6T Series Structural Glazed Clay Tile, 5-1/3" x 12"	46.04	
		For Stacked Bond, Add	*2.26*	
04 21 26 00-0006		Special Shapes 6T Series Structural Glazed Clay Tile *(04 21 26 00-0001)*		
04 21 26 00-0007	LF	Bullnose, Jamb Or Sill Shapes 6T Series Structural Glazed Clay Tile	34.94	
		For Stacked Bond, Add	*2.56*	
04 21 26 00-0008	LF	2" Or 4" Cove Base 6T Series Structural Glazed Clay Tile	41.81	
		For Stacked Bond, Add	*2.56*	
04 21 26 00-0009		8W Series Structural Glazed Clay Tile *(04 21 26)*		
04 21 26 00-0010		Glazed On One Side 8W Series Structural Glazed Clay Tile *(04 21 26 00-0009)*		
04 21 26 00-0011	SF	2" Thick 1 Sided 8W Series Structural Glazed Clay Tile, 8" x 16"	26.38	
		For Stacked Bond, Add	*1.38*	
04 21 26 00-0012	SF	4" Thick 1 Sided 8W Series Structural Glazed Clay Tile, 8" x 16"	32.90	
		For Stacked Bond, Add	*1.47*	
04 21 26 00-0013	SF	6" Thick 1 Sided 8W Series Structural Glazed Clay Tile, 8" x 16"	45.61	
		For Stacked Bond, Add	*1.57*	
04 21 26 00-0014		Special Shapes 8W Series Structural Glazed Clay Tile *(04 21 26 00-0009)*		
04 21 26 00-0015	LF	Bullnose, Jamb Or Sill Shapes 8W Series Structural Glazed Clay Tile	36.12	
		For Stacked Bond, Add	*1.77*	
04 21 26 00-0016	LF	2" Or 4" Cove Base 8W Series Structural Glazed Clay Tile	36.06	
		For Stacked Bond, Add	*1.77*	
04 21 26 00-0017		4W Series Structural Glazed Clay Tile *(04 21 26)*		
04 21 26 00-0018		Glazed On One Side 4W Series Structural Glazed Clay Tile *(04 21 26 00-0017)*		
04 21 26 00-0019	SF	2" Thick 1 Sided 4W Series Structural Glazed Tile, 8" x 8"	35.01	
		For Stacked Bond, Add	*2.16*	
04 21 26 00-0020	SF	4" Thick 1 Sided 4W Series Structural Glazed Tile, 8" x 8"	37.07	
		For Stacked Bond, Add	*2.16*	
04 21 26 00-0021	SF	6" Thick 1 Sided 4W Series Structural Glazed Tile, 8" x 8"	46.29	
		For Stacked Bond, Add	*2.26*	
04 21 26 00-0022		Special Shapes 4W Series Structural Glazed Clay Tile *(04 21 26 00-0017)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 21 26 00-0023	LF	Bullnose, Jamb Or Sill Shapes 4W Series Structural Glazed Clay Tile	36.20	
		For Stacked Bond, Add	*2.56*	
04 21 26 00-0024	LF	2" Or 4" Cove Base 4W Series Structural Glazed Clay Tile	41.70	
		For Stacked Bond, Add	*2.56*	
04 21 26 00-0025		6T Series Sound Absorbing Structural Glazed Tile *(04 21 26)*		
04 21 26 00-0026	SF	4" Thick, 6T Sound Absorbing Structural Glazed Tile	36.20	
04 21 26 00-0027	SF	6" Thick, 6T Sound Absorbing Structural Glazed Tile	39.12	
04 21 26 00-0028	SF	8" Thick, 6T Sound Absorbing Structural Glazed Tile	45.66	
04 21 26 00-0029		8T Series Sound Absorbing Structural Glazed Tile *(04 21 26)*		
04 21 26 00-0030	SF	4" Thick, 8T Sound Absorbing Structural Glazed Tile	40.51	
04 21 26 00-0031	SF	6" Thick, 8T Sound Absorbing Structural Glazed Tile	45.77	
04 21 26 00-0032	SF	8" Thick, 8T Acoustical Glazed Tile	54.29	
04 21 29		**Terra Cotta Masonry** *(04 21)*		
04 21 29 00-0001		Coping *(04 21 29)*		
		Note: Includes caulk and ties. Excludes drilling into existing materials or other anchoring bolts.		
04 21 29 00-0002	SF	Terra Cotta Coping	112.30	41.63
		For Smooth Tile Instead Of Scored, Add	*3.79*	
		For Reinforcing With Steel Rods, Add	*7.72*	
04 21 29 00-0003		Partition Or Back Up (Scored) *(04 21 29)*		
04 21 29 00-0004		Non-load Bearing, 12" x 12" *(04 21 29 00-0003)*		
04 21 29 00-0005	SF	3" Thick Terra Cotta, Non-Load Bearing 12" x 12" Scored Face, Back-Up Partitions	28.23	
		For Smooth Tile Instead Of Scored, Add	*3.73*	
		For Reinforcing With Steel Rods, Add	*3.48*	
04 21 29 00-0006	SF	4" Thick Terra Cotta, Non-Load Bearing 12" x 12" Scored Face, Back-Up Partitions	29.93	
		For Smooth Tile Instead Of Scored, Add	*3.90*	
		For Reinforcing With Steel Rods, Add	*3.66*	
04 21 29 00-0007	SF	6" Thick Terra Cotta, Non-Load Bearing 12" x 12" Scored Face, Back-Up Partitions	38.78	
		For Smooth Tile Instead Of Scored, Add	*5.33*	
		For Reinforcing With Steel Rods, Add	*4.90*	
04 21 29 00-0008	SF	8" Thick Terra Cotta, Non-Load Bearing 12" x 12" Scored Face, Back-Up Partitions	47.55	
		For Smooth Tile Instead Of Scored, Add	*6.70*	
		For Reinforcing With Steel Rods, Add	*6.10*	
04 21 29 00-0009		Load Bearing, 12" x 12" *(04 21 29 00-0003)*		
04 21 29 00-0010		In Walls *(04 21 29 00-0009)*		
04 21 29 00-0011	SF	4" Thick Terra Cotta, Walls 12" x 12" Load Bearing Scored Face	31.84	
		For Smooth Tile Instead Of Scored, Add	*4.25*	
		For Reinforcing With Steel Rods, Add	*3.95*	
04 21 29 00-0012	SF	6" Thick Terra Cotta, Walls 12" x 12" Load Bearing Scored Face	43.12	
		For Smooth Tile Instead Of Scored, Add	*6.11*	
		For Reinforcing With Steel Rods, Add	*5.55*	
04 21 29 00-0013	SF	8" Thick Terra Cotta, Walls 12" x 12" Load Bearing Scored Face	51.78	
		For Smooth Tile Instead Of Scored, Add	*7.46*	
		For Reinforcing With Steel Rods, Add	*6.74*	
04 21 29 00-0014	SF	10" Thick Terra Cotta, Walls 12" x 12" Load Bearing Scored Face	54.20	
		For Smooth Tile Instead Of Scored, Add	*7.63*	
		For Reinforcing With Steel Rods, Add	*6.95*	
04 21 29 00-0015	SF	12" Thick Terra Cotta, Walls 12" x 12" Load Bearing Scored Face	65.15	
		For Smooth Tile Instead Of Scored, Add	*9.25*	
		For Reinforcing With Steel Rods, Add	*8.40*	
04 21 29 00-0016		In Floors *(04 21 29 00-0009)*		
04 21 29 00-0017	SF	4" Thick Terra Cotta, Floors 12" x 12" Load Bearing Scored Face	29.10	
		For Smooth Tile Instead Of Scored, Add	*4.25*	
		For Reinforcing With Steel Rods, Add	*3.81*	
04 21 29 00-0018	SF	6" Thick Terra Cotta, Floors 12" x 12" Load Bearing Scored Face	40.06	
		For Smooth Tile Instead Of Scored, Add	*6.11*	
		For Reinforcing With Steel Rods, Add	*5.40*	
04 21 29 00-0019	SF	8" Thick Terra Cotta, Floors 12" x 12" Load Bearing Scored Face	48.63	
		For Smooth Tile Instead Of Scored, Add	*7.46*	
		For Reinforcing With Steel Rods, Add	*6.58*	
04 21 29 00-0020	SF	10" Thick Terra Cotta, Floors 12" x 12" Load Bearing Scored Face	50.66	
		For Smooth Tile Instead Of Scored, Add	*7.63*	
		For Reinforcing With Steel Rods, Add	*6.77*	
04 21 29 00-0021	SF	12" Thick Terra Cotta, Floors 12" x 12" Load Bearing Scored Face	60.57	
		For Smooth Tile Instead Of Scored, Add	*9.25*	
		For Reinforcing With Steel Rods, Add	*8.17*	

04 22 Concrete Unit Masonry *(04 20)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

Note: Includes block and mortar. Excludes horizontal and vertical reinforcing. See CSI section 04 05 19 13-0000 for joint reinforcing.

04 22 23 Architectural Concrete Unit Masonry *(04 22)*

04 22 23 13 Exposed Aggregate Concrete Unit Masonry *(04 22 23)*

04 22 23 13-0001 Concrete Blocks *(04 22 23 13)*

04 22 23 13-0002 Lightweight Concrete Blocks *(04 22 23 13-0001)*

04 22 23 13-0003 Cored, Lightweight, Concrete Blocks *(04 22 23 13-0002)*

04 22 23 13-0004	SF	4" x 8" x 16", Cored, Lightweight, Concrete Block	12.55	
		For Stacked Bond, Add	*2.72*	
		For Scored Block, Add	*0.42*	
		For Curved Wall Application, Add	*2.09*	
		For <10, Small Area Replacements (Individual Areas), Add	*15.83*	
04 22 23 13-0005	SF	6" x 8" x 16", Cored, Lightweight, Concrete Block	13.97	
		For Stacked Bond, Add	*2.94*	
		For Scored Block, Add	*0.53*	
		For Curved Wall Application, Add	*2.26*	
		For <10, Small Area Replacements (Individual Areas), Add	*17.15*	
04 22 23 13-0006	SF	8" x 8" x 16", Cored, Lightweight, Concrete Block	15.15	
		For Stacked Bond, Add	*3.16*	
		For Scored Block, Add	*0.60*	
		For Curved Wall Application, Add	*2.43*	
		For <10, Small Area Replacements (Individual Areas), Add	*18.44*	
04 22 23 13-0007	SF	10" x 8" x 16", Cored, Lightweight, Concrete Block	16.71	
		For Stacked Bond, Add	*3.30*	
		For Scored Block, Add	*0.80*	
		For Curved Wall Application, Add	*2.54*	
		For <10, Small Area Replacements (Individual Areas), Add	*19.35*	
04 22 23 13-0008	SF	12" x 8" x 16", Cored, Lightweight, Concrete Block	19.96	
		For Stacked Bond, Add	*4.07*	
		For Scored Block, Add	*0.86*	
		For Curved Wall Application, Add	*3.13*	
		For <10, Small Area Replacements (Individual Areas), Add	*23.80*	

04 22 23 13-0009 Solid, Lightweight, Concrete Blocks *(04 22 23 13-0002)*

04 22 23 13-0010	SF	4" x 8" x 16", Solid, Lightweight, Concrete Block	13.53	
		For Stacked Bond, Add	*2.79*	
		For Scored Block, Add	*0.56*	
		For Curved Wall Application, Add	*2.14*	
		For <10, Small Area Replacements (Individual Areas), Add	*16.29*	
04 22 23 13-0011	SF	6" x 8" x 16", Solid, Lightweight, Concrete Block	14.83	
		For Stacked Bond, Add	*3.07*	
		For Scored Block, Add	*0.61*	
		For Curved Wall Application, Add	*2.36*	
		For <10, Small Area Replacements (Individual Areas), Add	*17.91*	
04 22 23 13-0012	SF	8" x 8" x 16", Solid, Lightweight, Concrete Block	15.65	
		For Stacked Bond, Add	*3.25*	
		For Scored Block, Add	*0.63*	
		For Curved Wall Application, Add	*2.50*	
		For <10, Small Area Replacements (Individual Areas), Add	*19.00*	
04 22 23 13-0013	SF	10" x 8" x 16", Solid, Lightweight, Concrete Block	17.44	
		For Stacked Bond, Add	*3.41*	
		For Scored Block, Add	*0.87*	
		For Curved Wall Application, Add	*2.62*	
		For <10, Small Area Replacements (Individual Areas), Add	*19.98*	
04 22 23 13-0014	SF	12" x 8" x 16", Solid, Lightweight, Concrete Block	20.80	
		For Stacked Bond, Add	*4.20*	
		For Scored Block, Add	*0.93*	
		For Curved Wall Application, Add	*3.23*	
		For <10, Small Area Replacements (Individual Areas), Add	*24.59*	

04 22 23 13-0015 Normal Weight Concrete Blocks *(04 22 23 13-0001)*

04 22 23 13-0016 Cored, Normal Weight, Concrete Blocks *(04 22 23 13-0015)*

04 22 23 13-0017	SF	4" x 8" x 16", Cored, Normal Weight, Concrete Block	12.82	
		For Stacked Bond, Add	*2.79*	
		For Scored Block, Add	*0.42*	
		For Curved Wall Application, Add	*2.14*	
		For <10, Small Area Replacements (Individual Areas), Add	*16.24*	
		For 3,500 PSI, Add	*0.44*	
		For 5,000 PSI, Add	*0.76*	
04 22 23 13-0018	SF	6" x 8" x 16", Cored, Normal Weight, Concrete Block	14.19	
		For Stacked Bond, Add	*3.07*	
		For Scored Block, Add	*0.48*	
		For Curved Wall Application, Add	*2.36*	
		For <10, Small Area Replacements (Individual Areas), Add	*17.87*	
		For 3,500 PSI, Add	*0.50*	
		For 5,000 PSI, Add	*0.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 22 23 13-0019	SF	8" x 8" x 16", Cored, Normal Weight, Concrete Block	15.28	
		For Stacked Bond, Add	*3.25*	
		For Scored Block, Add	*0.55*	
		For Curved Wall Application, Add	*2.50*	
		For <10, Small Area Replacements (Individual Areas), Add	*18.97*	
		For 3,500 PSI, Add	*0.58*	
		For 5,000 PSI, Add	*1.00*	
04 22 23 13-0020	SF	10" x 8" x 16", Cored, Normal Weight, Concrete Block	18.44	
		For Stacked Bond, Add	*3.41*	
		For Scored Block, Add	*1.07*	
		For Curved Wall Application, Add	*2.62*	
		For <10, Small Area Replacements (Individual Areas), Add	*20.05*	
		For 3,500 PSI, Add	*1.12*	
		For 5,000 PSI, Add	*1.92*	
04 22 23 13-0021	SF	12" x 8" x 16", Cored, Normal Weight, Concrete Block	21.67	
		For Stacked Bond, Add	*4.20*	
		For Scored Block, Add	*1.10*	
		For Curved Wall Application, Add	*3.23*	
		For <10, Small Area Replacements (Individual Areas), Add	*24.65*	
		For 3,500 PSI, Add	*1.16*	
		For 5,000 PSI, Add	*1.98*	

04 22 23 13-0022 Solid, Normal Weight, Concrete Blocks *(04 22 23 13-0015)*

04 22 23 13-0023	SF	4" x 8" x 16", Solid, Normal Weight, Concrete Block	13.67	
		For Stacked Bond, Add	*2.86*	
		For Scored Block, Add	*0.53*	
		For Curved Wall Application, Add	*2.20*	
		For <10, Small Area Replacements (Individual Areas), Add	*16.70*	
		For 3,500 PSI, Add	*0.56*	
		For 5,000 PSI, Add	*0.96*	
04 22 23 13-0024	SF	6" x 8" x 16", Solid, Normal Weight, Concrete Block	14.61	
		For Stacked Bond, Add	*3.16*	
		For Scored Block, Add	*0.49*	
		For Curved Wall Application, Add	*2.43*	
		For <10, Small Area Replacements (Individual Areas), Add	*18.40*	
		For 3,500 PSI, Add	*0.52*	
		For 5,000 PSI, Add	*0.89*	
04 22 23 13-0025	SF	8" x 8" x 16", Solid, Normal Weight, Concrete Block	15.77	
		For Stacked Bond, Add	*3.35*	
		For Scored Block, Add	*0.57*	
		For Curved Wall Application, Add	*2.58*	
		For <10, Small Area Replacements (Individual Areas), Add	*19.57*	
		For 3,500 PSI, Add	*0.60*	
		For 5,000 PSI, Add	*1.03*	
04 22 23 13-0026	SF	10" x 8" x 16", Solid, Normal Weight, Concrete Block	17.37	
		For Stacked Bond, Add	*3.52*	
		For Scored Block, Add	*0.77*	
		For Curved Wall Application, Add	*2.71*	
		For <10, Small Area Replacements (Individual Areas), Add	*20.58*	
		For 3,500 PSI, Add	*0.81*	
		For 5,000 PSI, Add	*1.38*	
04 22 23 13-0027	SF	12" x 8" x 16", Solid, Normal Weight, Concrete Block	20.74	
		For Stacked Bond, Add	*4.35*	
		For Scored Block, Add	*0.80*	
		For Curved Wall Application, Add	*3.35*	
		For <10, Small Area Replacements (Individual Areas), Add	*25.40*	
		For 3,500 PSI, Add	*0.84*	
		For 5,000 PSI, Add	*1.44*	

04 22 23 13-0028 Bond Beam Or Lintel Concrete Blocks *(04 22 23 13)*

04 22 23 13-0029 Lightweight, Bond Beam Or Lintel Concrete Blocks *(04 22 23 13-0028)*

Note: Excludes concrete fill and reinforcing.

04 22 23 13-0030	LF	6" x 8" x 16", Lightweight, Bond Beam Or Lintel Concrete Block	14.59	
		For Stacked Bond, Add	*2.94*	
		For Grout And Fill With 2 #5 Rebar, Add	*8.94*	
		For Scored Block, Add	*0.66*	
		For Curved Wall Application, Add	*2.26*	
04 22 23 13-0031	LF	8" x 8" x 16", Lightweight, Bond Beam Or Lintel Concrete Block	16.12	
		For Stacked Bond, Add	*3.16*	
		For Grout And Fill With 2 #5 Rebar, Add	*10.05*	
		For Scored Block, Add	*0.80*	
		For Curved Wall Application, Add	*2.43*	
04 22 23 13-0032	LF	12" x 8" x 16", Lightweight, Bond Beam Or Lintel Concrete Block	19.88	
		For Stacked Bond, Add	*4.07*	
		For Grout And Fill With 2 #5 Rebar, Add	*12.06*	
		For Scored Block, Add	*0.85*	
		For Curved Wall Application, Add	*3.13*	

04 22 23 13-0033 Normal Weight, Bond Beam Or Lintel Concrete Blocks *(04 22 23 13-0028)*

Note: Excludes concrete fill and reinforcing.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 22 23 13-0034	LF	6" x 8" x 16", Normal Weight, Bond Beam Or Lintel Concrete Block	14.61	
		For Stacked Bond, Add	*3.07*	
		For Grout And Fill With 2 #5 Rebar, Add	*8.72*	
		For Scored Block, Add	*0.56*	
		For Curved Wall Application, Add	*2.36*	
		For 3,500 PSI, Add	*0.59*	
		For 5,000 PSI, Add	*1.02*	
04 22 23 13-0035	LF	8" x 8" x 16", Normal Weight, Bond Beam Or Lintel Concrete Block	16.02	
		For Stacked Bond, Add	*3.25*	
		For Grout And Fill With 2 #5 Rebar, Add	*9.77*	
		For Scored Block, Add	*0.70*	
		For Curved Wall Application, Add	*2.50*	
		For 3,500 PSI, Add	*0.74*	
		For 5,000 PSI, Add	*1.26*	
04 22 23 13-0036	LF	12" x 8" x 16", Normal Weight, Bond Beam Or Lintel Concrete Block	19.92	
		For Stacked Bond, Add	*4.20*	
		For Grout And Fill With 2 #5 Rebar, Add	*11.84*	
		For Scored Block, Add	*0.75*	
		For Curved Wall Application, Add	*3.23*	
		For 3,500 PSI, Add	*0.79*	
		For 5,000 PSI, Add	*1.35*	

04 22 23 23 Prefaced Concrete Unit Masonry *(04 22 23)*

04 22 23 23-0001 Ground Face Concrete Blocks *(04 22 23 23)*

04 22 23 23-0002	SF	4" x 8" x 16", Ground Face, Concrete Block	16.47	
		For Stacked Bond, Add	*3.41*	
		For Scored Block, Add	*0.67*	
		For Curved Wall Application, Add	*2.62*	
		For <10, Small Area Replacements (Individual Areas), Add	*19.90*	
04 22 23 23-0003	SF	6" x 8" x 16", Ground Face, Concrete Block	18.58	
		For Stacked Bond, Add	*3.83*	
		For Scored Block, Add	*0.77*	
		For Curved Wall Application, Add	*2.95*	
		For <10, Small Area Replacements (Individual Areas), Add	*22.40*	
04 22 23 23-0004	SF	8" x 8" x 16", Ground Face, Concrete Block	20.11	
		For Stacked Bond, Add	*4.05*	
		For Scored Block, Add	*0.91*	
		For Curved Wall Application, Add	*3.11*	
		For <10, Small Area Replacements (Individual Areas), Add	*23.70*	
04 22 23 23-0005	SF	10" x 8" x 16", Ground Face, Concrete Block	21.52	
		For Stacked Bond, Add	*4.29*	
		For Scored Block, Add	*1.00*	
		For Curved Wall Application, Add	*3.30*	
		For <10, Small Area Replacements (Individual Areas), Add	*25.14*	
04 22 23 23-0006	SF	12" x 8" x 16", Ground Face, Concrete Block	25.69	
		For Stacked Bond, Add	*5.25*	
		For Scored Block, Add	*1.10*	
		For Curved Wall Application, Add	*4.04*	
		For <10, Small Area Replacements (Individual Areas), Add	*30.73*	

04 22 23 26 Sound-Absorbing Concrete Unit Masonry *(04 22 23)*

04 22 23 26-0001 Slotted, Acoustical Concrete Block *(04 22 23 26)*

04 22 23 26-0002	SF	4" x 8" x 16", .45 - .55 NRC, Slotted, Acoustical Concrete Block	22.42	
		For Stacked Bond, Add	*3.41*	
		For Curved Wall Application, Add	*2.62*	
		For <10, Small Area Replacements (Individual Areas), Add	*20.35*	
04 22 23 26-0003	SF	6" x 8" x 16", .45 - .55 NRC, Slotted, Acoustical Concrete Block	25.15	
		For Stacked Bond, Add	*3.70*	
		For Curved Wall Application, Add	*2.85*	
		For <10, Small Area Replacements (Individual Areas), Add	*22.16*	
04 22 23 26-0004	SF	8" x 8" x 16", .45 - .55 NRC, Slotted, Acoustical Concrete Block	29.03	
		For Stacked Bond, Add	*4.05*	
		For Curved Wall Application, Add	*3.11*	
		For <10, Small Area Replacements (Individual Areas), Add	*24.36*	

04 22 23 29 Split-Face Concrete Unit Masonry *(04 22 23)*

04 22 23 29-0001 Split Face, Concrete Blocks *(04 22 23 29)*

04 22 23 29-0002 Plain Or Scored, Split Face, Concrete Blocks *(04 22 23 29-0001)*

04 22 23 29-0003	SF	4" x 8" x 16", Plain Or Scored, Split Face, Concrete Block	16.87	
		For Stacked Bond, Add	*3.41*	
		For Curved Wall Application, Add	*2.62*	
		For <10, Small Area Replacements (Individual Areas), Add	*19.93*	
04 22 23 29-0004	SF	6" x 8" x 16", Plain Or Scored, Split Face, Concrete Block	19.05	
		For Stacked Bond, Add	*3.83*	
		For Curved Wall Application, Add	*2.95*	
		For <10, Small Area Replacements (Individual Areas), Add	*22.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 22 23 29-0005	SF	8" x 8" x 16", Plain Or Scored, Split Face, Concrete Block	20.65	
		For Stacked Bond, Add	*4.05*	
		For Curved Wall Application, Add	*3.11*	
		For <10, Small Area Replacements (Individual Areas), Add	*23.74*	
04 22 23 29-0006	SF	10" x 8" x 16", Plain Or Scored, Split Face, Concrete Block	22.15	
		For Stacked Bond, Add	*4.29*	
		For Curved Wall Application, Add	*3.30*	
		For <10, Small Area Replacements (Individual Areas), Add	*25.19*	
04 22 23 29-0007	SF	12" x 8" x 16", Plain Or Scored, Split Face, Concrete Block	26.06	
		For Stacked Bond, Add	*5.25*	
		For Curved Wall Application, Add	*4.04*	
		For <10, Small Area Replacements (Individual Areas), Add	*30.75*	

04 22 23 29-0008 Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Blocks *(04 22 23 29-0001)*

04 22 23 29-0009	SF	4" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block	17.82	
		For Stacked Bond, Add	*3.41*	
		For Grout And Fill With 2 #5 Rebar, Add	*11.27*	
		For Curved Wall Application, Add	*2.62*	
		For <10, Small Area Replacements (Individual Areas), Add	*20.00*	
04 22 23 29-0010	SF	6" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block	20.13	
		For Stacked Bond, Add	*3.83*	
		For Grout And Fill With 2 #5 Rebar, Add	*12.76*	
		For Curved Wall Application, Add	*2.95*	
		For <10, Small Area Replacements (Individual Areas), Add	*22.51*	
04 22 23 29-0011	SF	8" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block	21.92	
		For Stacked Bond, Add	*4.05*	
		For Grout And Fill With 2 #5 Rebar, Add	*14.14*	
		For Curved Wall Application, Add	*3.11*	
		For <10, Small Area Replacements (Individual Areas), Add	*23.83*	
04 22 23 29-0012	SF	10" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block	23.57	
		For Stacked Bond, Add	*4.29*	
		For Grout And Fill With 2 #5 Rebar, Add	*15.32*	
		For Curved Wall Application, Add	*3.30*	
		For <10, Small Area Replacements (Individual Areas), Add	*25.29*	
04 22 23 29-0013	SF	12" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block	27.53	
		For Stacked Bond, Add	*5.25*	
		For Grout And Fill With 2 #5 Rebar, Add	*17.43*	
		For Curved Wall Application, Add	*4.04*	
		For <10, Small Area Replacements (Individual Areas), Add	*30.86*	

04 22 23 29-0014 Split Rib, Concrete Block *(04 22 23 29)*

04 22 23 29-0015 Split Rib, Concrete Block *(04 22 23 29-0014)*

04 22 23 29-0016	SF	4" x 8" x 16", Split Rib, Concrete Block	16.57	
		For Stacked Bond, Add	*3.41*	
		For Curved Wall Application, Add	*2.62*	
		For <10, Small Area Replacements (Individual Areas), Add	*19.91*	
04 22 23 29-0017	SF	6" x 8" x 16", Split Rib, Concrete Block	19.75	
		For Stacked Bond, Add	*3.83*	
		For Curved Wall Application, Add	*2.95*	
		For <10, Small Area Replacements (Individual Areas), Add	*22.49*	
04 22 23 29-0018	SF	8" x 8" x 16", Split Rib, Concrete Block	21.01	
		For Stacked Bond, Add	*4.05*	
		For Curved Wall Application, Add	*3.11*	
		For <10, Small Area Replacements (Individual Areas), Add	*23.76*	
04 22 23 29-0019	SF	10" x 8" x 16", Split Rib, Concrete Block	22.46	
		For Stacked Bond, Add	*4.29*	
		For Curved Wall Application, Add	*3.30*	
		For <10, Small Area Replacements (Individual Areas), Add	*25.21*	
04 22 23 29-0020	SF	12" x 8" x 16", Split Rib, Concrete Block	26.72	
		For Stacked Bond, Add	*5.25*	
		For Curved Wall Application, Add	*4.04*	
		For <10, Small Area Replacements (Individual Areas), Add	*30.80*	

04 22 23 31 Glazed Concrete Masonry Unit *(04 22 23)*

04 22 23 31-0001 One Glazed Face, Concrete Blocks *(04 22 23 31)*

04 22 23 31-0002 One Glazed Face, Concrete Blocks *(04 22 23 31-0001)*

04 22 23 31-0003	SF	4" x 8" x 16", One Glazed Face, Concrete Block	29.40	
		For Stacked Bond, Add	*3.30*	
		For Curved Wall Application, Add	*2.54*	
		For <10, Small Area Replacements (Individual Areas), Add	*20.30*	
04 22 23 31-0004	SF	6" x 8" x 16", One Glazed Face, Concrete Block	31.46	
		For Stacked Bond, Add	*3.63*	
		For Curved Wall Application, Add	*2.80*	
		For <10, Small Area Replacements (Individual Areas), Add	*22.28*	
04 22 23 31-0005	SF	8" x 8" x 16", One Glazed Face, Concrete Block	33.33	
		For Stacked Bond, Add	*3.83*	
		For Curved Wall Application, Add	*2.95*	
		For <10, Small Area Replacements (Individual Areas), Add	*23.50*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 22 23 31-0006	SF	10" x 8" x 16", One Glazed Face, Concrete Block	35.30	
		For Stacked Bond, Add	*4.05*	
		For Curved Wall Application, Add	*3.11*	
		For <10, Small Area Replacements (Individual Areas), Add	*24.83*	
04 22 23 31-0007	SF	12" x 8" x 16", One Glazed Face, Concrete Block	39.72	
		For Stacked Bond, Add	*4.95*	
		For Curved Wall Application, Add	*3.81*	
		For <10, Small Area Replacements (Individual Areas), Add	*30.10*	

04 22 23 31-0008 Two Glazed Faces, Concrete Blocks *(04 22 23 31)*

04 22 23 31-0009 Two Glazed Faces, Concrete Blocks *(04 22 23 31-0008)*

04 22 23 31-0010	SF	4" x 8" x 16", Two Glazed Faces, Concrete Block	39.27	
		For Stacked Bond, Add	*3.76*	
		For Curved Wall Application, Add	*2.90*	
		For <10, Small Area Replacements (Individual Areas), Add	*23.58*	
04 22 23 31-0011	SF	6" x 8" x 16", Two Glazed Faces, Concrete Block	41.19	
		For Stacked Bond, Add	*4.05*	
		For Curved Wall Application, Add	*3.11*	
		For <10, Small Area Replacements (Individual Areas), Add	*25.28*	
04 22 23 31-0012	SF	8" x 8" x 16", Two Glazed Faces, Concrete Block	43.91	
		For Stacked Bond, Add	*4.47*	
		For Curved Wall Application, Add	*3.44*	
		For <10, Small Area Replacements (Individual Areas), Add	*27.79*	

04 23 Glass Unit Masonry *(04 20)*

04 23 13 Vertical Glass Unit Masonry *(04 23)*

Note: Includes 1/4" mortar joints and caulking. Excludes joint reinforcement and anchors.

04 23 13 00-0001 Glass Block Unit Masonry *(04 23 13)*

04 23 13 00-0002	SF	6" x 6" x 4" Plain Glass Block	92.07	
		For Solar Reflective (Suntrol) Blocks, Add	*20.53*	
		For Essex (Horizontal Striated) Blocks, Add	*11.73*	
		For Sculptured Or Patterned Blocks, Add	*20.53*	
		For Colored Glass, Add	*58.67*	
		For Thinline Block, Deduct	*-14.67*	
		For >1,000 To 5,000, Deduct	*-6.26*	
		For >5,000, Deduct	*-10.85*	
04 23 13 00-0003	SF	8" x 8" x 4" Plain Glass Block	66.09	
		For Solar Reflective (Suntrol) Blocks, Add	*14.54*	
		For Essex (Horizontal Striated) Blocks, Add	*8.31*	
		For Sculptured Or Patterned Blocks, Add	*14.54*	
		For Colored Glass, Add	*41.53*	
		For Thinline Block, Deduct	*-10.38*	
		For >1,000 To 5,000, Deduct	*-4.52*	
		For >5,000, Deduct	*-7.82*	
04 23 13 00-0004	SF	12" x 12" x 4" Plain Glass Block	75.65	
		For Solar Reflective (Suntrol) Blocks, Add	*18.57*	
		For Essex (Horizontal Striated) Blocks, Add	*10.61*	
		For Sculptured Or Patterned Blocks, Add	*18.57*	
		For Colored Glass, Add	*53.06*	
		For Thinline Block, Deduct	*-13.27*	
		For >1,000 To 5,000, Deduct	*-4.90*	
		For >5,000, Deduct	*-8.68*	

04 23 13 00-0005 Solid Glass Block (Vistabrik®) *(04 23 13)*

04 23 13 00-0006	SF	3" x 8" x 3" Solid Glass Block (Vistabrik®)	969.76
04 23 13 00-0007	SF	4" x 8" x 3" Solid Glass Block (Vistabrik®)	732.66
04 23 13 00-0008	SF	6" x 8" x 3" Solid Glass Block (Vistabrik®)	498.38
04 23 13 00-0009	SF	8" x 8" x 3" Solid Glass Block (Vistabrik®)	348.47

04 40 Stone Assemblies *(04)*

Note: Includes pointing and cleaning of new stone and mortar. All stone prices include material and mortar.

04 41 Dry-Placed Stone *(04 40)*

04 41 00 00-0001 Ashlar Veneer, Random Size, Square Cut Rough Stone *(04 41)*

04 41 00 00-0002	SF	4" Thick Ashlar Veneer, Random Size, Square Cut Rough Stone	26.67	7.83
04 41 00 00-0003	SF	6" Thick Ashlar Veneer, Random Size, Square Cut Rough Stone	27.14	7.83

04 42 Exterior Stone Cladding *(04 40)*

04 42 43 Stone Panels for Curtain Walls *(04 42)*

04 42 43 00-0001 Marble Facing Panels *(04 42 43)*

Note: 3' x 1.5'

04 42 43 00-0002	SF	3/4" Thick Marble Facing Panels	61.63	17.65
04 42 43 00-0003	SF	7/8" Thick Marble Facing Panels	64.56	17.87

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 42 43 00-0004	SF	1-1/2" Thick Marble Facing Panels	73.10	18.22
04 42 43 00-0005	SF	2" Thick Marble Facing Panels	79.56	18.79
04 42 43 00-0006	SF	2-1/4" Thick Marble Facing Panels	84.73	19.93
04 42 43 00-0007	CF	Marble Face Panel	345.20	64.91
04 42 43 00-0008		Smooth Limestone Panels *(04 42 43)*		
		Note: Up to 12' x 5' panels.		
04 42 43 00-0009	SF	1-1/2" Thick Smooth Limestone Panels	60.30	35.41
04 42 43 00-0010	SF	2" Thick Smooth Limestone Panels	63.91	37.12
04 42 43 00-0011	SF	3" Thick Smooth Limestone Panels	67.69	38.83
04 42 43 00-0012	SF	4" Thick Smooth Limestone Panels	78.18	42.70
04 42 43 00-0013		Sandstone Panels *(04 42 43)*		
04 42 43 00-0014	SF	2-1/2" Thick Sandstone Panels	68.76	37.12
04 42 43 00-0015	SF	4" Thick Sandstone Panels	75.72	42.70
04 42 43 00-0016	SF	Split Face Sandstone Panels, Random Sizes	69.96	42.70

04 43 Stone Masonry *(04 40)*

04 43 16 Stone Fabrications *(04 43)*

04 43 16 00-0001		Marble *(04 43 16)*		
04 43 16 00-0002		Marble Base *(04 43 16 00-0001)*		
		Note: 1" thick.		
04 43 16 00-0003	LF	4" High Marble Base	106.95	71.46
04 43 16 00-0004	LF	6" High Marble Base	119.93	77.84
04 43 16 00-0005		Marble Columns *(04 43 16 00-0001)*		
04 43 16 00-0006	CF	Plain Faced Solid Marble Columns	250.71	64.91
04 43 16 00-0007	CF	Fluted, Carved Solid Marble Columns	389.53	64.91
04 43 16 00-0008		Marble Flooring *(04 43 16 00-0001)*		
04 43 16 00-0009	SF	3/8" Uniform Color Marble Flooring	28.39	16.36
04 43 16 00-0010	SF	1/2" Uniform Color Marble Flooring	29.93	16.36
04 43 16 00-0011	SF	1/2" Travertine Marble Flooring	35.48	18.68
04 43 16 00-0012		Marble Items *(04 43 16 00-0001)*		
04 43 16 00-0013	LF	12" Wide Marble Stair Treads	67.61	25.74
04 43 16 00-0014	LF	6" Wide Marble Stair Risers	51.92	20.64
04 43 16 00-0015	LF	6" Wide x 2" Thick Marble Window Sills	32.41	15.30
04 43 16 00-0016	LF	5" Wide x 7/8" Thick Marble Window Stool, Polished	58.15	18.78
04 43 16 00-0017	SF	7/8" Thick, Non-Skid, Marble Patio Blocks	38.74	23.72
04 43 16 00-0018		Limestone *(04 43 16)*		
04 43 16 00-0019		Ashlar Veneer Limestone *(04 43 16 00-0018)*		
04 43 16 00-0020	SF	4" Ashlar Veneer Limestone, Random Sizes	60.21	25.74
04 43 16 00-0021	SF	6" To 8" Thick, Pitched Face Ashlar Veneer Limestone, Random Sizes	91.00	35.37
04 43 16 00-0022		Limestone Coping *(04 43 16 00-0018)*		
		Note: Measured from the highest point. Includes drilling into existing materials, caulk and ties.		
04 43 16 00-0023	SF	2-1/2" Thick Limestone Coping	29.33	9.11
04 43 16 00-0024	SF	3" Thick Limestone Coping	32.69	9.67
04 43 16 00-0025	SF	3-1/2" Thick Limestone Coping	36.05	10.24
04 43 16 00-0026	SF	4" Thick Limestone Coping	38.27	10.59
04 43 16 00-0027	SF	5" Thick Limestone Coping	43.85	10.81
04 43 16 00-0028	SF	6" Thick Limestone Coping	62.50	11.38
04 43 16 00-0029	CF	>6" Thick Limestone Coping	103.04	23.23
04 43 16 00-0030		Limestone Stair Treads *(04 43 16 00-0018)*		
04 43 16 00-0031	SF	2" Thick Limestone Treads	35.69	8.54
04 43 16 00-0032	SF	2-1/2" Thick Limestone Treads	37.88	9.11
04 43 16 00-0033	SF	3" Thick Limestone Treads	42.26	9.67
04 43 16 00-0034	SF	3-1/2" Thick Limestone Treads	45.51	10.24
04 43 16 00-0035	SF	4" Thick Limestone Treads	48.76	10.24
04 43 16 00-0036	SF	5" Thick Limestone Treads	52.98	10.81
04 43 16 00-0037	SF	6" Thick Limestone Tread, Smooth Finish	71.89	11.38
04 43 16 00-0038		Limestone Items *(04 43 16 00-0018)*		
04 43 16 00-0039	CF	Sawn Edge Limestone Block, Sill, Lintel, Jamb And Other Trim	184.91	87.13

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 43 16 00-0040		Granite *(04 43 16)*		
04 43 16 00-0041		Polished Granite Veneer Facing Panels *(04 43 16 00-0040)*		
		Note: Excludes structural support steel.		
04 43 16 00-0042	SF	7/8" Thick Black Polished Granite Veneer Facing Panels	120.58	35.64
04 43 16 00-0043	SF	7/8" Thick Gray Polished Granite Veneer Facing Panels	109.02	35.64
04 43 16 00-0044		Granite Stair Treads *(04 43 16 00-0040)*		
04 43 16 00-0045	SF	2" Thick Granite Stair Tread	70.82	8.54
04 43 16 00-0046		Slate *(04 43 16)*		
04 43 16 00-0047		Slate Panels Or Sills *(04 43 16 00-0046)*		
04 43 16 00-0048	SF	1" Thick Slate Panels	62.10	35.64
04 43 16 00-0049	SF	2" Thick Slate Panels	71.57	35.64
04 43 16 00-0050		Slate Sills Or Stools *(04 43 16 00-0046)*		
04 43 16 00-0051	LF	6" Wide, 1" Thick Slate Sills Or Stools With Sand Finish	28.26	15.40
04 43 16 00-0052	LF	10" Wide, 1" Thick Slate Sills Or Stools With Sand Finish	34.28	15.40
04 43 16 00-0053	LF	6" Wide, 2" Thick Slate Sills Or Stools With Sand Finish	33.43	15.40
04 43 16 00-0054	LF	10" Wide, 2" Thick Slate Sills Or Stools With Sand Finish	46.35	15.40
04 43 16 00-0055		Slate Stair Treads *(04 43 16 00-0046)*		
04 43 16 00-0056	SF	2" Thick Slate Stair Tread	41.54	8.54

04 70 Manufactured Masonry *(04)*

04 72 Cast Stone Masonry *(04 70)*

04 72 00 00-0001		Precast Concrete Lintels *(04 72)*		
04 72 00 00-0002		Solid Precast Concrete Lintels *(04 72 00 00-0001)*		
04 72 00 00-0003	LF	4" x 8", Solid Precast Concrete Lintel	18.09	
04 72 00 00-0004	LF	6" x 8", Solid Precast Concrete Lintel	23.20	
04 72 00 00-0005	LF	8" x 8", Solid Precast Concrete Lintel	28.75	
04 72 00 00-0006		U Shaped Precast Concrete Lintels *(04 72 00 00-0001)*		
		Note: Excludes concrete fill and field added reinforcing. See CSI section 04 05 16 26-0001 for concrete fill.		
04 72 00 00-0007	LF	6" x 8", U Shaped Precast Concrete Lintel	19.41	
04 72 00 00-0008	LF	8" x 8", U Shaped Precast Concrete Lintel	23.61	
04 72 00 00-0009	LF	12" x 8", U Shaped Precast Concrete Lintel	39.18	
04 72 00 00-0010		Precast Concrete Coping *(04 72)*		
		Note: Includes caulk and ties. Excludes drilling into existing materials or other anchoring bolts.		
04 72 00 00-0011		Precast Concrete Coping *(04 72 00 00-0010)*		
		Note: Measured at highest point.		
04 72 00 00-0012	SF	2" Thick Precast Concrete Coping	53.91	12.59
04 72 00 00-0013	SF	2-1/2" Thick Precast Concrete Coping	60.62	13.56
04 72 00 00-0014	SF	3" Thick Precast Concrete Coping	69.92	14.52
04 72 00 00-0015	SF	3-1/2" Thick Precast Concrete Coping	75.13	15.49
04 72 00 00-0016	SF	4" Thick Precast Concrete Coping	80.40	16.46
04 72 00 00-0017	SF	5" Thick Precast Concrete Coping	95.43	17.43
04 72 00 00-0018	SF	6" Thick Precast Concrete Coping	108.71	18.39
04 72 00 00-0019		Precast Concrete Window Sills *(04 72)*		
		Note: Includes caulk and ties.		
04 72 00 00-0020		Precast Concrete Window Sills *(04 72 00 00-0019)*		
04 72 00 00-0021	LF	6" Wide Precast Concrete Window Sill	39.41	9.68
04 72 00 00-0022	LF	10" Wide Precast Concrete Window Sill	58.73	9.68
04 72 00 00-0023	LF	14" Wide Precast Concrete Window Sill	69.21	9.68

END OF SECTION 04

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MINOR
CSI UOM DESCRIPTION — TOTAL DIRECT UNIT COST — DEMOLITION UNIT COST

05 Metals

05 01 Maintenance of Metals *(05)*

05 01 50 Maintenance of Metal Fabrications *(05 01)*

05 01 50 51 Cleaning of Metal Fabrications *(05 01 50)*
See CSI section 09 01 90 52-0016 for cleaning of metal surfaces.

05 01 50 61 Repair of Metal Fabrications *(05 01 50)*
See CSI section 05 05 21 00-0001 for welding, 05 05 23 00-1580 for torch cutting.

05 01 50 63 Refinishing of Metal Fabrications *(05 01 50)*
See CSI section 05 12 23 00-0101 for field applied cold galvanizing, 05 12 23 00-0103 for metal grinding.

05 01 70 Maintenance of Decorative Metal *(05 01)*

05 01 70 51 Cleaning of Decorative Metal *(05 01 70)*
See CSI section 09 01 90 52-0016 for cleaning of metal surfaces.

05 01 70 61 Repair of Decorative Metal *(05 01 70)*
See CSI section 05 05 21 00-0001 for welding, 05 05 23 00-1580 for torch cutting.

05 01 70 63 Refinishing of Decorative Metal *(05 01 70)*
See CSI section 05 12 23 00-0101 for field applied cold galvanizing, 05 12 23 00-0103 for metal grinding.

05 05 Common Work Results for Metals *(05)*

05 05 19 Post-Installed Concrete Anchors *(05 05)*

See CSI section 03 15 19 00-0000 for cast-in concrete anchors.

05 05 19 00-0001 Concrete And Masonry Anchors *(05 05 19)*

05 05 19 00-0002 Expansion Anchors *(05 05 19 00-0001)*
Note: Includes drilling.

05 05 19 00-0003 Wedge Expansion Bolt Anchors *(05 05 19 00-0002)*

05 05 19 00-0004 Zinc Plated Steel, Wedge Anchor Expansion Bolt *(05 05 19 00-0003)*
Note: Includes nut and washer.

05 05 19 00-0005	EA	1/4" Diameter x 1-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	11.98		
		For >10 To 50, Deduct	*-0.56*		
		For >50 To 100, Deduct	*-1.14*		
		For >100, Deduct	*-2.29*		
05 05 19 00-0006	EA	1/4" Diameter x 2-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	12.10		
		For >10 To 50, Deduct	*-0.56*		
		For >50 To 100, Deduct	*-1.15*		
		For >100, Deduct	*-2.29*		
05 05 19 00-0007	EA	1/4" Diameter x 3-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	12.47		
		For >10 To 50, Deduct	*-0.58*		
		For >50 To 100, Deduct	*-1.18*		
		For >100, Deduct	*-2.35*		
05 05 19 00-0008	EA	3/8" Diameter x 2-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	14.72		
		For >10 To 50, Deduct	*-0.68*		
		For >50 To 100, Deduct	*-1.39*		
		For >100, Deduct	*-2.79*		
05 05 19 00-0009	EA	3/8" Diameter x 2-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	14.81		
		For >10 To 50, Deduct	*-0.68*		
		For >50 To 100, Deduct	*-1.40*		
		For >100, Deduct	*-2.79*		
05 05 19 00-0010	EA	3/8" Diameter x 3" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	14.84		
		For >10 To 50, Deduct	*-0.68*		
		For >50 To 100, Deduct	*-1.40*		
		For >100, Deduct	*-2.79*		
05 05 19 00-0011	EA	3/8" Diameter x 5" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	15.18		
		For >10 To 50, Deduct	*-0.68*		
		For >50 To 100, Deduct	*-1.40*		
		For >100, Deduct	*-2.81*		
05 05 19 00-0012	EA	1/2" Diameter x 2-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	21.33		
		For >10 To 50, Deduct	*-0.97*		
		For >50 To 100, Deduct	*-1.99*		
		For >100, Deduct	*-3.98*		
05 05 19 00-0013	EA	1/2" Diameter x 3-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	21.40		
		For >10 To 50, Deduct	*-0.97*		
		For >50 To 100, Deduct	*-1.99*		
		For >100, Deduct	*-3.98*		
05 05 19 00-0014	EA	1/2" Diameter x 4-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	21.54		
		For >10 To 50, Deduct	*-0.97*		
		For >50 To 100, Deduct	*-2.00*		
		For >100, Deduct	*-3.99*		
05 05 19 00-0015	EA	1/2" Diameter x 5-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	21.92		
		For >10 To 50, Deduct	*-0.97*		
		For >50 To 100, Deduct	*-2.01*		
		For >100, Deduct	*-4.01*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0016	EA	1/2" Diameter x 7" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	22.43	
		For >10 To 50, Deduct	*-0.97*	
		For >50 To 100, Deduct	*-2.02*	
		For >100, Deduct	*-4.04*	
05 05 19 00-0017	EA	5/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	27.82	
		For >10 To 50, Deduct	*-1.20*	
		For >50 To 100, Deduct	*-2.49*	
		For >100, Deduct	*-4.99*	
05 05 19 00-0018	EA	5/8" Diameter x 4-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	27.93	
		For >10 To 50, Deduct	*-1.20*	
		For >50 To 100, Deduct	*-2.50*	
		For >100, Deduct	*-5.00*	
05 05 19 00-0019	EA	5/8" Diameter x 5" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	28.17	
		For >10 To 50, Deduct	*-1.20*	
		For >50 To 100, Deduct	*-2.50*	
		For >100, Deduct	*-5.01*	
05 05 19 00-0020	EA	5/8" Diameter x 6" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	28.63	
		For >10 To 50, Deduct	*-1.20*	
		For >50 To 100, Deduct	*-2.52*	
		For >100, Deduct	*-5.03*	
05 05 19 00-0021	EA	5/8" Diameter x 7" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	29.09	
		For >10 To 50, Deduct	*-1.20*	
		For >50 To 100, Deduct	*-2.53*	
		For >100, Deduct	*-5.05*	
05 05 19 00-0022	EA	5/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	32.74	
		For >10 To 50, Deduct	*-1.20*	
		For >50 To 100, Deduct	*-2.62*	
		For >100, Deduct	*-5.24*	
05 05 19 00-0023	EA	5/8" Diameter x 10" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	35.86	
		For >10 To 50, Deduct	*-1.20*	
		For >50 To 100, Deduct	*-2.70*	
		For >100, Deduct	*-5.39*	
05 05 19 00-0024	EA	3/4" Diameter x 4-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	33.60	
		For >10 To 50, Deduct	*-1.43*	
		For >50 To 100, Deduct	*-2.98*	
		For >100, Deduct	*-5.96*	
05 05 19 00-0025	EA	3/4" Diameter x 4-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	33.70	
		For >10 To 50, Deduct	*-1.43*	
		For >50 To 100, Deduct	*-2.98*	
		For >100, Deduct	*-5.97*	
05 05 19 00-0026	EA	3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	34.25	
		For >10 To 50, Deduct	*-1.43*	
		For >50 To 100, Deduct	*-3.00*	
		For >100, Deduct	*-5.99*	
05 05 19 00-0027	EA	3/4" Diameter x 6-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	34.92	
		For >10 To 50, Deduct	*-1.43*	
		For >50 To 100, Deduct	*-3.01*	
		For >100, Deduct	*-6.03*	
05 05 19 00-0028	EA	3/4" Diameter x 7" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	35.69	
		For >10 To 50, Deduct	*-1.43*	
		For >50 To 100, Deduct	*-3.03*	
		For >100, Deduct	*-6.07*	
05 05 19 00-0029	EA	3/4" Diameter x 8-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	38.61	
		For >10 To 50, Deduct	*-1.43*	
		For >50 To 100, Deduct	*-3.11*	
		For >100, Deduct	*-6.21*	
05 05 19 00-0030	EA	3/4" Diameter x 10" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	42.50	
		For >10 To 50, Deduct	*-1.43*	
		For >50 To 100, Deduct	*-3.20*	
		For >100, Deduct	*-6.41*	
05 05 19 00-0031	EA	3/4" Diameter x 12" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	46.88	
		For >10 To 50, Deduct	*-1.43*	
		For >50 To 100, Deduct	*-3.31*	
		For >100, Deduct	*-6.63*	
05 05 19 00-0032	EA	7/8" Diameter x 6" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	45.44	
		For >10 To 50, Deduct	*-1.55*	
		For >50 To 100, Deduct	*-3.46*	
		For >100, Deduct	*-6.92*	
05 05 19 00-0033	EA	7/8" Diameter x 8" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	47.73	
		For >10 To 50, Deduct	*-1.55*	
		For >50 To 100, Deduct	*-3.52*	
		For >100, Deduct	*-7.03*	
05 05 19 00-0034	EA	7/8" Diameter x 10" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	50.79	
		For >10 To 50, Deduct	*-1.55*	
		For >50 To 100, Deduct	*-3.59*	
		For >100, Deduct	*-7.19*	
05 05 19 00-0035	EA	1" Diameter x 6" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	56.16	
		For >10 To 50, Deduct	*-2.00*	
		For >50 To 100, Deduct	*-4.41*	
		For >100, Deduct	*-8.82*	
05 05 19 00-0036	EA	1" Diameter x 9" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	60.50	
		For >10 To 50, Deduct	*-2.00*	
		For >50 To 100, Deduct	*-4.52*	
		For >100, Deduct	*-9.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0037	EA	1" Diameter x 12" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	64.81	
		For >10 To 50, Deduct	*-2.00*	
		For >50 To 100, Deduct	*-4.63*	
		For >100, Deduct	*-9.25*	
05 05 19 00-0038	EA	1-1/4" Diameter x 9" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	73.20	
		For >10 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-5.68*	
		For >100, Deduct	*-11.36*	
05 05 19 00-0039	EA	1-1/4" Diameter x 12" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	76.30	
		For >10 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-5.76*	
		For >100, Deduct	*-11.51*	

05 05 19 00-0040 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt *(05 05 19 00-0003)*

Note: Includes nut and washer.

05 05 19 00-0041	EA	1/4" Diameter x 1-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	13.11	
		For >10 To 50, Deduct	*-0.56*	
		For >50 To 100, Deduct	*-1.17*	
		For >100, Deduct	*-2.34*	
05 05 19 00-0042	EA	1/4" Diameter x 2-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	13.54	
		For >10 To 50, Deduct	*-0.56*	
		For >50 To 100, Deduct	*-1.18*	
		For >100, Deduct	*-2.36*	
05 05 19 00-0043	EA	1/4" Diameter x 3-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	14.10	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.22*	
		For >100, Deduct	*-2.43*	
05 05 19 00-0044	EA	3/8" Diameter x 2-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	16.81	
		For >10 To 50, Deduct	*-0.68*	
		For >50 To 100, Deduct	*-1.45*	
		For >100, Deduct	*-2.89*	
05 05 19 00-0045	EA	3/8" Diameter x 2-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	17.18	
		For >10 To 50, Deduct	*-0.68*	
		For >50 To 100, Deduct	*-1.45*	
		For >100, Deduct	*-2.91*	
05 05 19 00-0046	EA	3/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	17.45	
		For >10 To 50, Deduct	*-0.68*	
		For >50 To 100, Deduct	*-1.46*	
		For >100, Deduct	*-2.92*	
05 05 19 00-0047	EA	3/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	19.48	
		For >10 To 50, Deduct	*-0.68*	
		For >50 To 100, Deduct	*-1.51*	
		For >100, Deduct	*-3.02*	
05 05 19 00-0048	EA	1/2" Diameter x 2-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	26.01	
		For >10 To 50, Deduct	*-0.97*	
		For >50 To 100, Deduct	*-2.11*	
		For >100, Deduct	*-4.22*	
05 05 19 00-0049	EA	1/2" Diameter x 3-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	26.71	
		For >10 To 50, Deduct	*-0.97*	
		For >50 To 100, Deduct	*-2.13*	
		For >100, Deduct	*-4.25*	
05 05 19 00-0050	EA	1/2" Diameter x 4-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	27.11	
		For >10 To 50, Deduct	*-0.97*	
		For >50 To 100, Deduct	*-2.14*	
		For >100, Deduct	*-4.27*	
05 05 19 00-0051	EA	1/2" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	28.97	
		For >10 To 50, Deduct	*-0.97*	
		For >50 To 100, Deduct	*-2.18*	
		For >100, Deduct	*-4.36*	
05 05 19 00-0052	EA	1/2" Diameter x 7" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	31.75	
		For >10 To 50, Deduct	*-0.97*	
		For >50 To 100, Deduct	*-2.25*	
		For >100, Deduct	*-4.50*	
05 05 19 00-0053	EA	5/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	37.32	
		For >10 To 50, Deduct	*-1.20*	
		For >50 To 100, Deduct	*-2.73*	
		For >100, Deduct	*-5.46*	
05 05 19 00-0054	EA	5/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	39.13	
		For >10 To 50, Deduct	*-1.20*	
		For >50 To 100, Deduct	*-2.78*	
		For >100, Deduct	*-5.56*	
05 05 19 00-0055	EA	5/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	41.09	
		For >10 To 50, Deduct	*-1.20*	
		For >50 To 100, Deduct	*-2.83*	
		For >100, Deduct	*-5.65*	
05 05 19 00-0056	EA	5/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	43.69	
		For >10 To 50, Deduct	*-1.20*	
		For >50 To 100, Deduct	*-2.89*	
		For >100, Deduct	*-5.78*	
05 05 19 00-0057	EA	5/8" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	55.11	
		For >10 To 50, Deduct	*-1.20*	
		For >50 To 100, Deduct	*-3.18*	
		For >100, Deduct	*-6.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0058	EA	3/4" Diameter x 4-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	44.55	
		For >10 To 50, Deduct	*-1.43*	
		For >50 To 100, Deduct	*-3.25*	
		For >100, Deduct	*-6.51*	
05 05 19 00-0059	EA	3/4" Diameter x 4-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	48.22	
		For >10 To 50, Deduct	*-1.43*	
		For >50 To 100, Deduct	*-3.35*	
		For >100, Deduct	*-6.69*	
05 05 19 00-0060	EA	3/4" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	51.36	
		For >10 To 50, Deduct	*-1.43*	
		For >50 To 100, Deduct	*-3.42*	
		For >100, Deduct	*-6.85*	
05 05 19 00-0061	EA	3/4" Diameter x 6-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	51.75	
		For >10 To 50, Deduct	*-1.43*	
		For >50 To 100, Deduct	*-3.43*	
		For >100, Deduct	*-6.87*	
05 05 19 00-0062	EA	3/4" Diameter x 7" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	54.70	
		For >10 To 50, Deduct	*-1.43*	
		For >50 To 100, Deduct	*-3.51*	
		For >100, Deduct	*-7.02*	
05 05 19 00-0063	EA	3/4" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	62.35	
		For >10 To 50, Deduct	*-1.43*	
		For >50 To 100, Deduct	*-3.70*	
		For >100, Deduct	*-7.40*	
05 05 19 00-0064	EA	3/4" Diameter x 10" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	73.14	
		For >10 To 50, Deduct	*-1.43*	
		For >50 To 100, Deduct	*-3.97*	
		For >100, Deduct	*-7.94*	
05 05 19 00-0065	EA	7/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	73.57	
		For >10 To 50, Deduct	*-1.55*	
		For >50 To 100, Deduct	*-4.16*	
		For >100, Deduct	*-8.32*	
05 05 19 00-0066	EA	1" Diameter x 6" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	106.89	
		For >10 To 50, Deduct	*-2.00*	
		For >50 To 100, Deduct	*-5.68*	
		For >100, Deduct	*-11.36*	
05 05 19 00-0067	EA	1" Diameter x 9" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	122.85	
		For >10 To 50, Deduct	*-2.00*	
		For >50 To 100, Deduct	*-6.08*	
		For >100, Deduct	*-12.15*	

05 05 19 00-0068 316 Stainless Steel, Wedge Anchor Expansion Bolt *(05 05 19 00-0003)*

Note: Includes nut and washer.

05 05 19 00-0069	EA	1/4" Diameter x 2-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	13.48	
		For >10 To 50, Deduct	*-0.56*	
		For >50 To 100, Deduct	*-1.18*	
		For >100, Deduct	*-2.36*	
05 05 19 00-0070	EA	1/4" Diameter x 3-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	14.27	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.22*	
		For >100, Deduct	*-2.44*	
05 05 19 00-0071	EA	3/8" Diameter x 2-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	18.02	
		For >10 To 50, Deduct	*-0.68*	
		For >50 To 100, Deduct	*-1.48*	
		For >100, Deduct	*-2.95*	
05 05 19 00-0072	EA	3/8" Diameter x 2-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	18.66	
		For >10 To 50, Deduct	*-0.68*	
		For >50 To 100, Deduct	*-1.49*	
		For >100, Deduct	*-2.98*	
05 05 19 00-0073	EA	3/8" Diameter x 3" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	18.83	
		For >10 To 50, Deduct	*-0.68*	
		For >50 To 100, Deduct	*-1.50*	
		For >100, Deduct	*-2.99*	
05 05 19 00-0074	EA	3/8" Diameter x 5" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	21.89	
		For >10 To 50, Deduct	*-0.68*	
		For >50 To 100, Deduct	*-1.57*	
		For >100, Deduct	*-3.15*	
05 05 19 00-0075	EA	1/2" Diameter x 2-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	28.94	
		For >10 To 50, Deduct	*-0.97*	
		For >50 To 100, Deduct	*-2.18*	
		For >100, Deduct	*-4.36*	
05 05 19 00-0076	EA	1/2" Diameter x 3-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	30.71	
		For >10 To 50, Deduct	*-0.97*	
		For >50 To 100, Deduct	*-2.23*	
		For >100, Deduct	*-4.45*	
05 05 19 00-0077	EA	1/2" Diameter x 4-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	33.94	
		For >10 To 50, Deduct	*-0.97*	
		For >50 To 100, Deduct	*-2.31*	
		For >100, Deduct	*-4.61*	
05 05 19 00-0078	EA	1/2" Diameter x 5-1/2" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	34.75	
		For >10 To 50, Deduct	*-0.97*	
		For >50 To 100, Deduct	*-2.33*	
		For >100, Deduct	*-4.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0079	EA	5/8" Diameter x 5" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	47.22	
		For >10 To 50, Deduct	*-1.20*	
		For >50 To 100, Deduct	*-2.98*	
		For >100, Deduct	*-5.96*	
05 05 19 00-0080	EA	5/8" Diameter x 7" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	48.19	
		For >10 To 50, Deduct	*-1.20*	
		For >50 To 100, Deduct	*-3.00*	
		For >100, Deduct	*-6.01*	
05 05 19 00-0081	EA	3/4" Diameter x 4-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	58.39	
		For >10 To 50, Deduct	*-1.43*	
		For >50 To 100, Deduct	*-3.60*	
		For >100, Deduct	*-7.20*	
05 05 19 00-0082	EA	3/4" Diameter x 5-1/2" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	62.42	
		For >10 To 50, Deduct	*-1.43*	
		For >50 To 100, Deduct	*-3.70*	
		For >100, Deduct	*-7.40*	

05 05 19 00-0083 Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt *(05 05 19 00-0003)*

Note: Includes nut and washer.

05 05 19 00-0084	EA	1/2" Diameter x 2-3/4" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	24.33	
		For >10 To 50, Deduct	*-0.97*	
		For >50 To 100, Deduct	*-2.07*	
		For >100, Deduct	*-4.13*	
05 05 19 00-0085	EA	1/2" Diameter x 4-1/4" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	25.63	
		For >10 To 50, Deduct	*-0.97*	
		For >50 To 100, Deduct	*-2.10*	
		For >100, Deduct	*-4.20*	
05 05 19 00-0086	EA	1/2" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	26.92	
		For >10 To 50, Deduct	*-0.97*	
		For >50 To 100, Deduct	*-2.13*	
		For >100, Deduct	*-4.26*	
05 05 19 00-0087	EA	1/2" Diameter x 7" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	27.57	
		For >10 To 50, Deduct	*-0.97*	
		For >50 To 100, Deduct	*-2.15*	
		For >100, Deduct	*-4.29*	
05 05 19 00-0088	EA	5/8" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	33.29	
		For >10 To 50, Deduct	*-1.20*	
		For >50 To 100, Deduct	*-2.63*	
		For >100, Deduct	*-5.26*	
05 05 19 00-0089	EA	5/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	31.74	
		For >10 To 50, Deduct	*-1.20*	
		For >50 To 100, Deduct	*-2.59*	
		For >100, Deduct	*-5.19*	
05 05 19 00-0090	EA	3/4" Diameter x 4-3/4" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	43.02	
		For >10 To 50, Deduct	*-1.43*	
		For >50 To 100, Deduct	*-3.22*	
		For >100, Deduct	*-6.43*	
05 05 19 00-0091	EA	3/4" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	44.44	
		For >10 To 50, Deduct	*-1.43*	
		For >50 To 100, Deduct	*-3.25*	
		For >100, Deduct	*-6.50*	
05 05 19 00-0092	EA	3/4" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	51.43	
		For >10 To 50, Deduct	*-1.43*	
		For >50 To 100, Deduct	*-3.43*	
		For >100, Deduct	*-6.85*	
05 05 19 00-0093	EA	1" Diameter x 6" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	54.97	
		For >10 To 50, Deduct	*-2.00*	
		For >50 To 100, Deduct	*-4.38*	
		For >100, Deduct	*-8.76*	
05 05 19 00-0094	EA	1" Diameter x 9" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	59.00	
		For >10 To 50, Deduct	*-2.00*	
		For >50 To 100, Deduct	*-4.48*	
		For >100, Deduct	*-8.96*	
05 05 19 00-0095	EA	1" Diameter x 12" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	62.98	
		For >10 To 50, Deduct	*-2.00*	
		For >50 To 100, Deduct	*-4.58*	
		For >100, Deduct	*-9.16*	

05 05 19 00-0096 Concrete Sleeve Anchors *(05 05 19 00-0002)*

05 05 19 00-0097 Zinc Plated Steel, Concrete Sleeve Anchors *(05 05 19 00-0096)*

Note: Includes nut and washer.

05 05 19 00-0098	EA	1/4" Diameter x 5/8" Length, Zinc Plated Steel, Concrete Sleeve Anchor	12.02	
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.16*	
		For >100, Deduct	*-2.32*	
05 05 19 00-0099	EA	1/4" Diameter x 1-3/8" Length, Zinc Plated Steel, Concrete Sleeve Anchor	12.19	
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.17*	
		For >100, Deduct	*-2.33*	
05 05 19 00-0100	EA	1/4" Diameter x 2-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	12.39	
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.17*	
		For >100, Deduct	*-2.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0101	EA	5/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor	12.68	
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.22*	
		For >100, Deduct	*-2.44*	
05 05 19 00-0102	EA	5/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor	12.83	
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.23*	
		For >100, Deduct	*-2.45*	
05 05 19 00-0103	EA	3/8" Diameter x 1-7/8" Length, Zinc Plated Steel, Concrete Sleeve Anchor	14.37	
		For >10 To 50, Deduct	*-0.68*	
		For >50 To 100, Deduct	*-1.38*	
		For >100, Deduct	*-2.77*	
05 05 19 00-0104	EA	3/8" Diameter x 3" Length, Zinc Plated Steel, Concrete Sleeve Anchor	14.65	
		For >10 To 50, Deduct	*-0.68*	
		For >50 To 100, Deduct	*-1.39*	
		For >100, Deduct	*-2.78*	
05 05 19 00-0105	EA	3/8" Diameter x 4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	14.92	
		For >10 To 50, Deduct	*-0.68*	
		For >50 To 100, Deduct	*-1.40*	
		For >100, Deduct	*-2.80*	
05 05 19 00-0106	EA	1/2" Diameter x 2-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	20.71	
		For >10 To 50, Deduct	*-0.97*	
		For >50 To 100, Deduct	*-1.97*	
		For >100, Deduct	*-3.95*	
05 05 19 00-0107	EA	1/2" Diameter x 3" Length, Zinc Plated Steel, Concrete Sleeve Anchor	21.06	
		For >10 To 50, Deduct	*-0.97*	
		For >50 To 100, Deduct	*-1.98*	
		For >100, Deduct	*-3.96*	
05 05 19 00-0108	EA	1/2" Diameter x 4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	21.37	
		For >10 To 50, Deduct	*-0.97*	
		For >50 To 100, Deduct	*-1.99*	
		For >100, Deduct	*-3.98*	
05 05 19 00-0109	EA	1/2" Diameter x 6" Length, Zinc Plated Steel, Concrete Sleeve Anchor	21.73	
		For >10 To 50, Deduct	*-0.97*	
		For >50 To 100, Deduct	*-2.00*	
		For >100, Deduct	*-4.00*	
05 05 19 00-0110	EA	5/8" Diameter x 2-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	25.99	
		For >10 To 50, Deduct	*-1.20*	
		For >50 To 100, Deduct	*-2.45*	
		For >100, Deduct	*-4.90*	
05 05 19 00-0111	EA	5/8" Diameter x 3" Length, Zinc Plated Steel, Concrete Sleeve Anchor	26.52	
		For >10 To 50, Deduct	*-1.20*	
		For >50 To 100, Deduct	*-2.46*	
		For >100, Deduct	*-4.92*	
05 05 19 00-0112	EA	5/8" Diameter x 4-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	26.93	
		For >10 To 50, Deduct	*-1.20*	
		For >50 To 100, Deduct	*-2.47*	
		For >100, Deduct	*-4.94*	
05 05 19 00-0113	EA	5/8" Diameter x 6" Length, Zinc Plated Steel, Concrete Sleeve Anchor	28.07	
		For >10 To 50, Deduct	*-1.20*	
		For >50 To 100, Deduct	*-2.50*	
		For >100, Deduct	*-5.00*	
05 05 19 00-0114	EA	3/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor	31.89	
		For >10 To 50, Deduct	*-1.43*	
		For >50 To 100, Deduct	*-2.94*	
		For >100, Deduct	*-5.88*	
05 05 19 00-0115	EA	3/4" Diameter x 4-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	32.88	
		For >10 To 50, Deduct	*-1.43*	
		For >50 To 100, Deduct	*-2.96*	
		For >100, Deduct	*-5.93*	
05 05 19 00-0116	EA	3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor	33.78	
		For >10 To 50, Deduct	*-1.43*	
		For >50 To 100, Deduct	*-2.99*	
		For >100, Deduct	*-5.97*	
05 05 19 00-0117	EA	3/4" Diameter x 6-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	35.20	
		For >10 To 50, Deduct	*-1.43*	
		For >50 To 100, Deduct	*-3.02*	
		For >100, Deduct	*-6.04*	

05 05 19 00-0118 304/18-8 Stainless Steel, Concrete Sleeve Anchors *(05 05 19 00-0096)*

Note: Includes nut and washer.

05 05 19 00-0119	EA	1/4" Diameter x 1-3/8" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	13.80	
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.21*	
		For >100, Deduct	*-2.41*	
05 05 19 00-0120	EA	3/8" Diameter x 1-7/8" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	17.99	
		For >10 To 50, Deduct	*-0.68*	
		For >50 To 100, Deduct	*-1.47*	
		For >100, Deduct	*-2.95*	
05 05 19 00-0121	EA	3/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	19.71	
		For >10 To 50, Deduct	*-0.68*	
		For >50 To 100, Deduct	*-1.52*	
		For >100, Deduct	*-3.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0122	EA	1/2" Diameter x 2-1/4" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	26.76	
		For >10 To 50, Deduct	*-0.97*	
		For >50 To 100, Deduct	*-2.12*	
		For >100, Deduct	*-4.25*	
05 05 19 00-0123	EA	1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	29.86	
		For >10 To 50, Deduct	*-0.97*	
		For >50 To 100, Deduct	*-2.20*	
		For >100, Deduct	*-4.40*	
05 05 19 00-0124	EA	5/8" Diameter x 4-1/4" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	40.79	
		For >10 To 50, Deduct	*-1.20*	
		For >50 To 100, Deduct	*-2.82*	
		For >100, Deduct	*-5.64*	

05 05 19 00-0125 Concrete Strike Anchors *(05 05 19 00-0002)*

Note: Includes nut and washer.

05 05 19 00-0126	EA	1/4" Diameter x 1-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor	12.83	
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.18*	
		For >100, Deduct	*-2.36*	
05 05 19 00-0127	EA	1/4" Diameter x 2-3/8" Length, Zinc Plated Steel, Concrete Strike Anchor	13.11	
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.19*	
		For >100, Deduct	*-2.38*	
05 05 19 00-0128	EA	5/16" Diameter x 2-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor	13.68	
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.25*	
		For >100, Deduct	*-2.49*	
05 05 19 00-0129	EA	5/16" Diameter x 4" Length, Zinc Plated Steel, Concrete Strike Anchor	14.84	
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.28*	
		For >100, Deduct	*-2.55*	
05 05 19 00-0130	EA	3/8" Diameter x 2-3/8" Length, Zinc Plated Steel, Concrete Strike Anchor	15.63	
		For >10 To 50, Deduct	*-0.68*	
		For >50 To 100, Deduct	*-1.42*	
		For >100, Deduct	*-2.83*	
05 05 19 00-0131	EA	3/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Concrete Strike Anchor	16.50	
		For >10 To 50, Deduct	*-0.68*	
		For >50 To 100, Deduct	*-1.44*	
		For >100, Deduct	*-2.87*	
05 05 19 00-0132	EA	3/8" Diameter x 5" Length, Zinc Plated Steel, Concrete Strike Anchor	17.17	
		For >10 To 50, Deduct	*-0.68*	
		For >50 To 100, Deduct	*-1.45*	
		For >100, Deduct	*-2.91*	
05 05 19 00-0133	EA	1/2" Diameter x 2-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor	22.86	
		For >10 To 50, Deduct	*-0.97*	
		For >50 To 100, Deduct	*-2.03*	
		For >100, Deduct	*-4.05*	
05 05 19 00-0134	EA	1/2" Diameter x 3-1/2" Length, Zinc Plated Steel, Concrete Strike Anchor	23.38	
		For >10 To 50, Deduct	*-0.97*	
		For >50 To 100, Deduct	*-2.04*	
		For >100, Deduct	*-4.08*	
05 05 19 00-0135	EA	1/2" Diameter x 4-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor	24.90	
		For >10 To 50, Deduct	*-0.97*	
		For >50 To 100, Deduct	*-2.08*	
		For >100, Deduct	*-4.16*	
05 05 19 00-0136	EA	1/2" Diameter x 6" Length, Zinc Plated Steel, Concrete Strike Anchor	26.87	
		For >10 To 50, Deduct	*-0.97*	
		For >50 To 100, Deduct	*-2.13*	
		For >100, Deduct	*-4.26*	
05 05 19 00-0137	EA	5/8" Diameter x 4" Length, Zinc Plated Steel, Concrete Strike Anchor	30.56	
		For >10 To 50, Deduct	*-1.20*	
		For >50 To 100, Deduct	*-2.56*	
		For >100, Deduct	*-5.13*	
05 05 19 00-0138	EA	5/8" Diameter x 4-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor	32.38	
		For >10 To 50, Deduct	*-1.20*	
		For >50 To 100, Deduct	*-2.61*	
		For >100, Deduct	*-5.22*	
05 05 19 00-0139	EA	5/8" Diameter x 6" Length, Zinc Plated Steel, Concrete Strike Anchor	33.98	
		For >10 To 50, Deduct	*-1.20*	
		For >50 To 100, Deduct	*-2.65*	
		For >100, Deduct	*-5.30*	
05 05 19 00-0140	EA	3/4" Diameter x 5" Length, Zinc Plated Steel, Concrete Strike Anchor	39.48	
		For >10 To 50, Deduct	*-1.43*	
		For >50 To 100, Deduct	*-3.13*	
		For >100, Deduct	*-6.26*	
05 05 19 00-0141	EA	3/4" Diameter x 6" Length, Zinc Plated Steel, Concrete Strike Anchor	41.18	
		For >10 To 50, Deduct	*-1.43*	
		For >50 To 100, Deduct	*-3.17*	
		For >100, Deduct	*-6.34*	

05 05 19 00-0142 Multi-Set Drop-In Anchors *(05 05 19 00-0002)*

05 05 19 00-0143 Zinc Plated Steel, Multi-Set Drop-In Anchors *(05 05 19 00-0142)*

Note: Excludes bolt, nut and washer.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0144	EA	1/4" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor	16.70	
		For >10 To 50, Deduct	*-0.80*	
		For >50 To 100, Deduct	*-1.62*	
		For >100, Deduct	*-3.23*	
05 05 19 00-0145	EA	3/8" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor	20.44	
		For >10 To 50, Deduct	*-0.97*	
		For >50 To 100, Deduct	*-1.97*	
		For >100, Deduct	*-3.95*	
05 05 19 00-0146	EA	1/2" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor	25.01	
		For >10 To 50, Deduct	*-1.15*	
		For >50 To 100, Deduct	*-2.35*	
		For >100, Deduct	*-4.70*	
05 05 19 00-0147	EA	5/8" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor	28.44	
		For >10 To 50, Deduct	*-1.26*	
		For >50 To 100, Deduct	*-2.60*	
		For >100, Deduct	*-5.21*	
05 05 19 00-0148	EA	3/4" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor	34.20	
		For >10 To 50, Deduct	*-1.44*	
		For >50 To 100, Deduct	*-3.01*	
		For >100, Deduct	*-6.02*	
05 05 19 00-0149		304/18-8 Stainless Steel, Multi-Set Drop-In Anchors *(05 05 19 00-0142)*		
		Note: Excludes bolt, nut and washer.		
05 05 19 00-0150	EA	1/4" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor	20.33	
		For >10 To 50, Deduct	*-0.80*	
		For >50 To 100, Deduct	*-1.71*	
		For >100, Deduct	*-3.41*	
05 05 19 00-0151	EA	3/8" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor	27.28	
		For >10 To 50, Deduct	*-0.97*	
		For >50 To 100, Deduct	*-2.14*	
		For >100, Deduct	*-4.29*	
05 05 19 00-0152	EA	1/2" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor	34.04	
		For >10 To 50, Deduct	*-1.15*	
		For >50 To 100, Deduct	*-2.57*	
		For >100, Deduct	*-5.15*	
05 05 19 00-0153	EA	5/8" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor	42.98	
		For >10 To 50, Deduct	*-1.26*	
		For >50 To 100, Deduct	*-2.97*	
		For >100, Deduct	*-5.94*	
05 05 19 00-0154	EA	3/4" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor	59.20	
		For >10 To 50, Deduct	*-1.44*	
		For >50 To 100, Deduct	*-3.63*	
		For >100, Deduct	*-7.27*	
05 05 19 00-0155		Single Bolt Expansion Anchors *(05 05 19 00-0002)*		
		Note: Excludes bolt, nut and washer.		
05 05 19 00-0156	EA	1/4" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	12.27	
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.17*	
		For >100, Deduct	*-2.34*	
05 05 19 00-0157	EA	5/16" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	13.14	
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.23*	
		For >100, Deduct	*-2.47*	
05 05 19 00-0158	EA	3/8" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	14.86	
		For >10 To 50, Deduct	*-0.68*	
		For >50 To 100, Deduct	*-1.40*	
		For >100, Deduct	*-2.79*	
05 05 19 00-0159	EA	1/2" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	21.73	
		For >10 To 50, Deduct	*-0.97*	
		For >50 To 100, Deduct	*-2.00*	
		For >100, Deduct	*-4.00*	
05 05 19 00-0160	EA	5/8" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	30.34	
		For >10 To 50, Deduct	*-1.20*	
		For >50 To 100, Deduct	*-2.56*	
		For >100, Deduct	*-5.11*	
05 05 19 00-0161	EA	3/4" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	36.63	
		For >10 To 50, Deduct	*-1.43*	
		For >50 To 100, Deduct	*-3.06*	
		For >100, Deduct	*-6.11*	
05 05 19 00-0162		Concrete Lag Shield Anchors *(05 05 19 00-0002)*		
		Note: Excludes lag bolt and washer.		
05 05 19 00-0163	EA	1/4" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	12.35	
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.17*	
		For >100, Deduct	*-2.34*	
05 05 19 00-0164	EA	5/16" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	14.71	
		For >10 To 50, Deduct	*-0.68*	
		For >50 To 100, Deduct	*-1.39*	
		For >100, Deduct	*-2.78*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0165	EA	3/8" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor		15.41	
		For >10 To 50, Deduct		*-0.68*	
		For >50 To 100, Deduct		*-1.41*	
		For >100, Deduct		*-2.82*	
05 05 19 00-0166	EA	1/2" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor		21.70	
		For >10 To 50, Deduct		*-0.97*	
		For >50 To 100, Deduct		*-2.00*	
		For >100, Deduct		*-4.00*	
05 05 19 00-0167	EA	5/8" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor		29.25	
		For >10 To 50, Deduct		*-1.20*	
		For >50 To 100, Deduct		*-2.53*	
		For >100, Deduct		*-5.06*	
05 05 19 00-0168	EA	3/4" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor		32.70	
		For >10 To 50, Deduct		*-1.43*	
		For >50 To 100, Deduct		*-2.96*	
		For >100, Deduct		*-5.92*	

05 05 19 00-0169 Chemical And Adhesive Anchors *(05 05 19 00-0001)*

05 05 19 00-0170 Chemically Adhered Anchor Rods *(05 05 19 00-0169)*

Note: Includes drilling hole, injected adhesive or pre-placed adhesive cartridge, nut and washer. Zinc coated carbon steel.

05 05 19 00-0171	EA	1/4" x 1-9/16" Long Chemically Adhered Anchor Rod		15.85	
		For >10 To 50, Deduct		*-0.63*	
		For >50 To 100, Deduct		*-1.34*	
		For >100, Deduct		*-2.69*	
05 05 19 00-0172	EA	5/16" x 2-3/8" Long Chemically Adhered Anchor Rod		18.47	
		For >10 To 50, Deduct		*-0.69*	
		For >50 To 100, Deduct		*-1.50*	
		For >100, Deduct		*-2.99*	
05 05 19 00-0173	EA	3/8" x 2-3/4" Long Chemically Adhered Anchor Rod		22.92	
		For >10 To 50, Deduct		*-0.86*	
		For >50 To 100, Deduct		*-1.87*	
		For >100, Deduct		*-3.73*	
05 05 19 00-0174	EA	1/2" x 3-11/16" Long Chemically Adhered Anchor Rod		26.92	
		For >10 To 50, Deduct		*-0.97*	
		For >50 To 100, Deduct		*-2.13*	
		For >100, Deduct		*-4.26*	
05 05 19 00-0175	EA	1/2" x 5-1/2" Long Chemically Adhered Anchor Rod		28.64	
		For >10 To 50, Deduct		*-0.97*	
		For >50 To 100, Deduct		*-2.17*	
		For >100, Deduct		*-4.34*	
05 05 19 00-0176	EA	5/8" x 7" Long Chemically Adhered Anchor Rod		35.44	
		For >10 To 50, Deduct		*-1.20*	
		For >50 To 100, Deduct		*-2.68*	
		For >100, Deduct		*-5.37*	
05 05 19 00-0177	EA	3/4" x 9-1/2" Long Chemically Adhered Anchor Rod		46.29	
		For >10 To 50, Deduct		*-1.43*	
		For >50 To 100, Deduct		*-3.30*	
		For >100, Deduct		*-6.60*	
05 05 19 00-0178	EA	7/8" x 10" Long Chemically Adhered Anchor Rod		55.16	
		For >10 To 50, Deduct		*-1.55*	
		For >50 To 100, Deduct		*-3.70*	
		For >100, Deduct		*-7.39*	
05 05 19 00-0179	EA	1" x 11-3/4" Long Chemically Adhered Anchor Rod		75.58	
		For >10 To 50, Deduct		*-2.00*	
		For >50 To 100, Deduct		*-4.90*	
		For >100, Deduct		*-9.79*	
05 05 19 00-0180	EA	1-1/4" x 14" Long Chemically Adhered Anchor Rod		109.18	
		For >10 To 50, Deduct		*-2.53*	
		For >50 To 100, Deduct		*-6.52*	
		For >100, Deduct		*-13.04*	

05 05 19 00-0181 Chemical Adhesives For Bolts, Dowels Or Threaded Rod *(05 05 19 00-0169)*

Note: Injected or drop in cartridge. Sizes listed are for the diameter of the bolt, dowel or rod to be anchored. Includes drilling. Drill a hole 1/16" to 1/4" larger that the diameter of the thread and a depth a minimum of 4-1/2 times the diameter of the bolt. Excludes bolt, dowel or rod.

05 05 19 00-0182	EA	1/4" Chemical Adhesive For Bolt Or Threaded Rod		13.03	
		For >10 To 50, Deduct		*-0.63*	
		For >50 To 100, Deduct		*-1.27*	
		For >100, Deduct		*-2.55*	
05 05 19 00-0183	EA	5/16" Chemical Adhesive For Bolt, Dowel Or Threaded Rod		14.28	
		For >10 To 50, Deduct		*-0.69*	
		For >50 To 100, Deduct		*-1.39*	
		For >100, Deduct		*-2.78*	
05 05 19 00-0184	EA	3/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod		16.74	
		For >10 To 50, Deduct		*-0.80*	
		For >50 To 100, Deduct		*-1.62*	
		For >100, Deduct		*-3.25*	
05 05 19 00-0185	EA	1/2" Chemical Adhesive For Bolt, Dowel Or Threaded Rod		20.35	
		For >10 To 50, Deduct		*-0.97*	
		For >50 To 100, Deduct		*-1.96*	
		For >100, Deduct		*-3.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0186	EA	5/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	23.06	
		For >10 To 50, Deduct	*-1.04*	
		For >50 To 100, Deduct	*-2.14*	
		For >100, Deduct	*-4.27*	
05 05 19 00-0187	EA	3/4" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	29.47	
		For >10 To 50, Deduct	*-1.27*	
		For >50 To 100, Deduct	*-2.65*	
		For >100, Deduct	*-5.30*	
05 05 19 00-0188	EA	7/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	32.64	
		For >10 To 50, Deduct	*-1.37*	
		For >50 To 100, Deduct	*-2.87*	
		For >100, Deduct	*-5.73*	
05 05 19 00-0189	EA	1" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	40.93	
		For >10 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-3.50*	
		For >100, Deduct	*-6.99*	
05 05 19 00-0190	EA	1-1/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	45.53	
		For >10 To 50, Deduct	*-1.79*	
		For >50 To 100, Deduct	*-3.82*	
		For >100, Deduct	*-7.63*	
05 05 19 00-0191	EA	1-1/4" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	53.17	
		For >10 To 50, Deduct	*-2.02*	
		For >50 To 100, Deduct	*-4.36*	
		For >100, Deduct	*-8.72*	
05 05 19 00-0192	EA	1-3/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	60.04	
		For >10 To 50, Deduct	*-2.21*	
		For >50 To 100, Deduct	*-4.81*	
		For >100, Deduct	*-9.62*	
05 05 19 00-0193	EA	1-1/2" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	69.25	
		For >10 To 50, Deduct	*-2.40*	
		For >50 To 100, Deduct	*-5.33*	
		For >100, Deduct	*-10.66*	
05 05 19 00-0194	EA	1-3/4" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	88.26	
		For >10 To 50, Deduct	*-2.82*	
		For >50 To 100, Deduct	*-6.44*	
		For >100, Deduct	*-12.87*	
05 05 19 00-0195	EA	2" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	131.84	
		For >10 To 50, Deduct	*-3.41*	
		For >50 To 100, Deduct	*-8.40*	
		For >100, Deduct	*-16.81*	

05 05 19 00-0196 Grout Concrete Anchor Bolt Or Threaded Rod *(05 05 19 00-0169)*

05 05 19 00-0197	EA	Grout Concrete Anchor Bolt or Threaded Rod	4.88	
		For >10 To 50, Deduct	*-0.24*	
		For >50 To 100, Deduct	*-0.48*	
		For >100, Deduct	*-0.95*	

05 05 19 00-0198 Other Concrete And Masonry Anchors *(05 05 19 00-0001)*

05 05 19 00-0199 Tapcon Masonry Screws *(05 05 19 00-0198)*

Note: Includes drilling. Countersunk or hex head.

05 05 19 00-0200	EA	3/16" x 1-1/4" Tapcon Masonry Screw	11.80	
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.16*	
		For >100, Deduct	*-2.31*	
05 05 19 00-0201	EA	3/16" x 2-1/4" Tapcon Masonry Screw	11.88	
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.16*	
		For >100, Deduct	*-2.32*	
05 05 19 00-0202	EA	3/16" x 3-1/4" Tapcon Masonry Screw	12.07	
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.16*	
		For >100, Deduct	*-2.33*	
05 05 19 00-0203	EA	1/4" x 1-1/4" Tapcon Masonry Screw	11.90	
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.16*	
		For >100, Deduct	*-2.32*	
05 05 19 00-0204	EA	1/4" x 2-1/4" Tapcon Masonry Screw	12.00	
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.16*	
		For >100, Deduct	*-2.32*	
05 05 19 00-0205	EA	1/4" x 3-1/4" Tapcon Masonry Screw	12.22	
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.17*	
		For >100, Deduct	*-2.33*	

05 05 19 00-0206 Large Diameter, Self-Threading Concrete Fasteners *(05 05 19 00-0198)*

Note: Includes drilling. Zinc plated.

05 05 19 00-0207	EA	3/8" x 1-3/4", Large Diameter, Self-Threading Concrete Fastener	13.38	
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.20*	
		For >100, Deduct	*-2.39*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0208	EA	3/8" x 2-1/2", Large Diameter, Self-Threading Concrete Fastener	14.07	
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.21*	
		For >100, Deduct	*-2.43*	
05 05 19 00-0209	EA	3/8" x 3", Large Diameter, Self-Threading Concrete Fastener	14.25	
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.22*	
		For >100, Deduct	*-2.43*	
05 05 19 00-0210	EA	3/8" x 4", Large Diameter, Self-Threading Concrete Fastener	14.58	
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.23*	
		For >100, Deduct	*-2.45*	
05 05 19 00-0211	EA	3/8" x 5", Large Diameter, Self-Threading Concrete Fastener	14.87	
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.23*	
		For >100, Deduct	*-2.47*	
05 05 19 00-0212	EA	1/2" x 3", Large Diameter, Self-Threading Concrete Fastener	15.46	
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.25*	
		For >100, Deduct	*-2.50*	
05 05 19 00-0213	EA	1/2" x 4", Large Diameter, Self-Threading Concrete Fastener	16.19	
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.27*	
		For >100, Deduct	*-2.53*	
05 05 19 00-0214	EA	1/2" x 5", Large Diameter, Self-Threading Concrete Fastener	16.87	
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.28*	
		For >100, Deduct	*-2.57*	
05 05 19 00-0215	EA	1/2" x 6", Large Diameter, Self-Threading Concrete Fastener	18.76	
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.33*	
		For >100, Deduct	*-2.66*	
05 05 19 00-0216	EA	5/8" x 3", Large Diameter, Self-Threading Concrete Fastener	18.99	
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.34*	
		For >100, Deduct	*-2.67*	
05 05 19 00-0217	EA	5/8" x 4", Large Diameter, Self-Threading Concrete Fastener	20.14	
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.36*	
		For >100, Deduct	*-2.73*	
05 05 19 00-0218	EA	5/8" x 5", Large Diameter, Self-Threading Concrete Fastener	21.33	
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.39*	
		For >100, Deduct	*-2.79*	
05 05 19 00-0219	EA	5/8" x 6", Large Diameter, Self-Threading Concrete Fastener	22.09	
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.41*	
		For >100, Deduct	*-2.83*	
05 05 19 00-0220	EA	3/4" x 4-1/2", Large Diameter, Self-Threading Concrete Fastener	21.75	
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.40*	
		For >100, Deduct	*-2.81*	
05 05 19 00-0221	EA	3/4" x 5-1/2", Large Diameter, Self-Threading Concrete Fastener	22.85	
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.43*	
		For >100, Deduct	*-2.86*	
05 05 19 00-0222	EA	3/4" x 6-1/4", Large Diameter, Self-Threading Concrete Fastener	25.42	
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.50*	
		For >100, Deduct	*-2.99*	

05 05 19 00-0223 Pin Bolt Drives *(05 05 19 00-0198)*

Note: Includes drilling. Zinc plated.

05 05 19 00-0224	EA	1/4" x 1" Pin Bolt Drive	7.38	
		For >10 To 50, Deduct	*-0.34*	
		For >50 To 100, Deduct	*-0.70*	
		For >100, Deduct	*-1.40*	
05 05 19 00-0225	EA	1/4" x 1-1/4" Pin Bolt Drive	7.38	
		For >10 To 50, Deduct	*-0.34*	
		For >50 To 100, Deduct	*-0.70*	
		For >100, Deduct	*-1.40*	
05 05 19 00-0226	EA	1/4" x 1-1/2" Pin Bolt Drive	7.44	
		For >10 To 50, Deduct	*-0.34*	
		For >50 To 100, Deduct	*-0.70*	
		For >100, Deduct	*-1.41*	
05 05 19 00-0227	EA	1/4" x 2" Pin Bolt Drive	7.46	
		For >10 To 50, Deduct	*-0.34*	
		For >50 To 100, Deduct	*-0.70*	
		For >100, Deduct	*-1.41*	

05 05 19 00-0228 Powder Actuated, Shot-In Place Anchors *(05 05 19 00-0198)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0229	EA	0.15" Diameter x 1/2" Length, Stud Powder Actuated Anchor	1.85	
		For >10 To 50, Deduct	*-0.08*	
		For >50 To 100, Deduct	*-0.16*	
		For >100, Deduct	*-0.33*	
05 05 19 00-0230	EA	0.15" Diameter x 3/4" Length, Stud Powder Actuated Anchor	1.95	
		For >10 To 50, Deduct	*-0.08*	
		For >50 To 100, Deduct	*-0.17*	
		For >100, Deduct	*-0.34*	
05 05 19 00-0231	EA	0.15"/0.18" Diameter x 1" Length, Stud Powder Actuated Anchor	2.13	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.18*	
		For >100, Deduct	*-0.37*	
05 05 19 00-0232	EA	0.15"/0.18" Diameter x 1-1/4" Length, Stud Powder Actuated Anchor	2.36	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.20*	
		For >100, Deduct	*-0.39*	
05 05 19 00-0233	EA	0.15"/0.18" Diameter x 1-7/8" Length, Stud Powder Actuated Anchor	2.49	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.20*	
		For >100, Deduct	*-0.40*	

05 05 19 00-0234 Powder Actuated, Shot-In Place Anchors With Exposed Thread *(05 05 19 00-0198)*

05 05 19 00-0235	EA	0.145" Diameter x 1" Long Shank, 3/4" Thread Length, 1/4" - 20 Treaded Stud Powder Actuated Anchor	2.20	
		For >10 To 50, Deduct	*-0.08*	
		For >50 To 100, Deduct	*-0.18*	
		For >100, Deduct	*-0.35*	
05 05 19 00-0236	EA	0.205" Diameter x 1-1/6" Long Shank, 1" Thread Length, 3/8" - 16 Treaded Stud Powder Actuated Anchor	3.01	
		For >10 To 50, Deduct	*-0.10*	
		For >50 To 100, Deduct	*-0.22*	
		For >100, Deduct	*-0.44*	

05 05 21 Fastening Methods for Metal *(05 05)*

05 05 21 00-0001 Welding *(05 05 21)*

05 05 21 00-0002 Minimum Charge For Welding *(05 05 21 00-0001)*

05 05 21 00-0003	EA	Welding Minimum Charge Note: For projects where the total welding charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	530.95	

05 05 21 00-0004 Spot Welding *(05 05 21 00-0001)*

05 05 21 00-0005	EA	Up To 15 Spot Weldings, Welds Up To 1" Length Each	13.26	
		For Aluminum Welding, Add	*2.10*	
		For Stainless Steel Welding, Add	*3.45*	
05 05 21 00-0006	EA	>15 Spot Weldings, Welds Up To 1" Length Each	10.35	
		For Aluminum Welding, Add	*1.66*	
		For Stainless Steel Welding, Add	*2.72*	

05 05 21 00-0007 Field Welding (Seam And Stitch Welding) *(05 05 21 00-0001)*

05 05 21 00-0008 Vertical Fillet Welds *(05 05 21 00-0007)*

Note: For existing steel and moment connections. Includes tack welds for proper alignment until the final welds are made.

05 05 21 00-0009	LF	1/8" Vertical Fillet Weld	8.64	
		For Aluminum Welding, Add	*1.84*	
		For Stainless Steel Welding, Add	*2.84*	
		For Up To 25, Add	*2.80*	
		For >25 To 50, Add	*1.98*	
05 05 21 00-0010	LF	3/16" Vertical Fillet Weld	16.59	
		For Aluminum Welding, Add	*3.17*	
		For Stainless Steel Welding, Add	*5.00*	
		For Up To 25, Add	*5.52*	
		For >25 To 50, Add	*3.92*	
05 05 21 00-0011	LF	1/4" Vertical Fillet Weld	24.91	
		For Aluminum Welding, Add	*4.77*	
		For Stainless Steel Welding, Add	*7.52*	
		For Up To 25, Add	*8.29*	
		For >25 To 50, Add	*5.88*	
05 05 21 00-0012	LF	5/16" Vertical Fillet Weld	32.88	
		For Aluminum Welding, Add	*6.32*	
		For Stainless Steel Welding, Add	*9.96*	
		For Up To 25, Add	*10.93*	
		For >25 To 50, Add	*7.76*	
05 05 21 00-0013	LF	3/8" Vertical Fillet Weld	41.50	
		For Aluminum Welding, Add	*7.94*	
		For Stainless Steel Welding, Add	*12.51*	
		For Up To 25, Add	*13.81*	
		For >25 To 50, Add	*9.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 21 00-0014	LF	7/16" Vertical Fillet Weld	48.04	
		For Aluminum Welding, Add	*8.56*	
		For Stainless Steel Welding, Add	*13.71*	
		For Up To 25, Add	*16.25*	
		For >25 To 50, Add	*11.56*	
05 05 21 00-0015	LF	1/2" Vertical Fillet Weld	56.77	
		For Aluminum Welding, Add	*10.90*	
		For Stainless Steel Welding, Add	*17.18*	
		For Up To 25, Add	*18.87*	
		For >25 To 50, Add	*13.40*	
05 05 21 00-0016	LF	9/16" Vertical Fillet Weld	66.14	
		For Aluminum Welding, Add	*12.06*	
		For Stainless Steel Welding, Add	*19.21*	
		For Up To 25, Add	*22.26*	
		For >25 To 50, Add	*15.82*	
05 05 21 00-0017	LF	5/8" Vertical Fillet Weld	76.70	
		For Aluminum Welding, Add	*14.04*	
		For Stainless Steel Welding, Add	*22.34*	
		For Up To 25, Add	*25.79*	
		For >25 To 50, Add	*18.33*	
05 05 21 00-0018	LF	3/4" Vertical Fillet Weld	103.88	
		For Aluminum Welding, Add	*19.93*	
		For Stainless Steel Welding, Add	*31.41*	
		For Up To 25, Add	*34.55*	
		For >25 To 50, Add	*24.52*	

05 05 21 00-0019 Horizontal Or Flat Fillet Welds *(05 05 21 00-0007)*

Note: For existing steel and moment connections. Includes tack welds for proper alignment until the final welds are made.

05 05 21 00-0020	LF	1/8" Horizontal Or Flat Fillet Weld	7.31	
		For Aluminum Welding, Add	*1.64*	
		For Stainless Steel Welding, Add	*2.51*	
		For Up To 25, Add	*2.33*	
		For >25 To 50, Add	*1.65*	
05 05 21 00-0021	LF	3/16" Horizontal Or Flat Fillet Weld	14.11	
		For Aluminum Welding, Add	*2.83*	
		For Stainless Steel Welding, Add	*4.42*	
		For Up To 25, Add	*4.64*	
		For >25 To 50, Add	*3.29*	
05 05 21 00-0022	LF	1/4" Horizontal Or Flat Fillet Weld	21.11	
		For Aluminum Welding, Add	*4.23*	
		For Stainless Steel Welding, Add	*6.61*	
		For Up To 25, Add	*6.94*	
		For >25 To 50, Add	*4.92*	
05 05 21 00-0023	LF	5/16" Horizontal Or Flat Fillet Weld	27.92	
		For Aluminum Welding, Add	*5.65*	
		For Stainless Steel Welding, Add	*8.81*	
		For Up To 25, Add	*9.16*	
		For >25 To 50, Add	*6.49*	
05 05 21 00-0024	LF	3/8" Horizontal Or Flat Fillet Weld	35.22	
		For Aluminum Welding, Add	*7.07*	
		For Stainless Steel Welding, Add	*11.03*	
		For Up To 25, Add	*11.58*	
		For >25 To 50, Add	*8.21*	
05 05 21 00-0025	LF	7/16" Horizontal Or Flat Fillet Weld	40.55	
		For Aluminum Welding, Add	*7.51*	
		For Stainless Steel Welding, Add	*11.92*	
		For Up To 25, Add	*13.60*	
		For >25 To 50, Add	*9.66*	
05 05 21 00-0026	LF	1/2" Horizontal Or Flat Fillet Weld	48.13	
		For Aluminum Welding, Add	*9.72*	
		For Stainless Steel Welding, Add	*15.15*	
		For Up To 25, Add	*15.81*	
		For >25 To 50, Add	*11.20*	
05 05 21 00-0027	LF	9/16" Horizontal Or Flat Fillet Weld	55.98	
		For Aluminum Welding, Add	*10.68*	
		For Stainless Steel Welding, Add	*16.85*	
		For Up To 25, Add	*18.64*	
		For >25 To 50, Add	*13.24*	
05 05 21 00-0028	LF	5/8" Horizontal Or Flat Fillet Weld	65.32	
		For Aluminum Welding, Add	*12.76*	
		For Stainless Steel Welding, Add	*20.03*	
		For Up To 25, Add	*21.63*	
		For >25 To 50, Add	*15.34*	
05 05 21 00-0029	LF	3/4" Horizontal Or Flat Fillet Weld	88.18	
		For Aluminum Welding, Add	*17.79*	
		For Stainless Steel Welding, Add	*27.75*	
		For Up To 25, Add	*28.96*	
		For >25 To 50, Add	*20.52*	
05 05 21 00-0030	LF	7/8" Horizontal Or Flat Fillet Weld	128.34	
		For Aluminum Welding, Add	*23.78*	
		For Stainless Steel Welding, Add	*37.75*	
		For Up To 25, Add	*43.03*	
		For >25 To 50, Add	*30.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 21 00-0031	LF	1" Horizontal Or Flat Fillet Weld	174.86	
		For Aluminum Welding, Add	*34.76*	
		For Stainless Steel Welding, Add	*54.37*	
		For Up To 25, Add	*57.65*	
		For >25 To 50, Add	*40.87*	

05 05 23 Metal Fastenings *(05 05)*

05 05 23 00-0001 Hex Bolts *(05 05 23)*

Note: For owner furnished materials or where requested by the owner. Excludes drilling through wood, steel, concrete, brick or block. See CSI section 02 41 19 13-0269 for drilling into concrete, 02 41 19 13-0284 for drilling into brick or block, 02 41 19 13-0299 for drilling into wood or plastic, 05 05 23 00-1567 for drilling through steel.

05 05 23 00-0002 A307B Heavy Hex Bolts *(05 05 23 00-0001)*

Note: Includes A307B heavy hex nut and two structural washers.

05 05 23 00-0003 Plain Finish A307B Heavy Hex Bolts *(05 05 23 00-0002)*

05 05 23 00-0004	EA	1/2" Diameter x 1-1/2" Long, Plain Finish A307B Heavy Hex Bolt	14.81	1.48
		For >10 To 50, Deduct	*-0.62*	
		For >50 To 100, Deduct	*-1.30*	
		For >100, Deduct	*-2.60*	
05 05 23 00-0005	EA	1/2" Diameter x 3" Long, Plain Finish A307B Heavy Hex Bolt	16.22	1.48
		For >10 To 50, Deduct	*-0.62*	
		For >50 To 100, Deduct	*-1.33*	
		For >100, Deduct	*-2.67*	
05 05 23 00-0006	EA	5/8" Diameter x 2" Long, Plain Finish A307B Heavy Hex Bolt	16.26	1.48
		For >10 To 50, Deduct	*-0.62*	
		For >50 To 100, Deduct	*-1.33*	
		For >100, Deduct	*-2.67*	
05 05 23 00-0007	EA	5/8" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt	19.30	1.69
		For >10 To 50, Deduct	*-0.71*	
		For >50 To 100, Deduct	*-1.54*	
		For >100, Deduct	*-3.08*	
05 05 23 00-0008	EA	3/4" Diameter x 2" Long, Plain Finish A307B Heavy Hex Bolt	18.62	1.48
		For >10 To 50, Deduct	*-0.62*	
		For >50 To 100, Deduct	*-1.39*	
		For >100, Deduct	*-2.79*	
05 05 23 00-0009	EA	3/4" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt	22.24	1.69
		For >10 To 50, Deduct	*-0.71*	
		For >50 To 100, Deduct	*-1.61*	
		For >100, Deduct	*-3.23*	
05 05 23 00-0010	EA	3/4" Diameter x 6" Long, Plain Finish A307B Heavy Hex Bolt	27.83	1.77
		For >10 To 50, Deduct	*-0.74*	
		For >50 To 100, Deduct	*-1.80*	
		For >100, Deduct	*-3.60*	
05 05 23 00-0011	EA	3/4" Diameter x 8" Long, Plain Finish A307B Heavy Hex Bolt	29.87	1.86
		For >10 To 50, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-1.91*	
		For >100, Deduct	*-3.82*	
05 05 23 00-0012	EA	7/8" Diameter x 2" Long, Plain Finish A307B Heavy Hex Bolt	22.17	1.61
		For >10 To 50, Deduct	*-0.67*	
		For >50 To 100, Deduct	*-1.56*	
		For >100, Deduct	*-3.12*	
05 05 23 00-0013	EA	7/8" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt	26.60	1.77
		For >10 To 50, Deduct	*-0.74*	
		For >50 To 100, Deduct	*-1.77*	
		For >100, Deduct	*-3.54*	
05 05 23 00-0014	EA	1" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt	31.13	1.86
		For >10 To 50, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-1.94*	
		For >100, Deduct	*-3.88*	
05 05 23 00-0015	EA	1" Diameter x 6" Long, Plain Finish A307B Heavy Hex Bolt	43.91	1.95
		For >10 To 50, Deduct	*-0.82*	
		For >50 To 100, Deduct	*-2.32*	
		For >100, Deduct	*-4.64*	
05 05 23 00-0016	EA	1-1/4" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt	51.33	2.21
		For >10 To 50, Deduct	*-0.92*	
		For >50 To 100, Deduct	*-2.66*	
		For >100, Deduct	*-5.33*	
05 05 23 00-0017	EA	1-1/4" Diameter x 6" Long, Plain Finish A307B Heavy Hex Bolt	57.68	2.37
		For >10 To 50, Deduct	*-0.99*	
		For >50 To 100, Deduct	*-2.92*	
		For >100, Deduct	*-5.84*	

05 05 23 00-0018 Galvanized A307B Heavy Hex Bolts *(05 05 23 00-0002)*

05 05 23 00-0019	EA	1/2" Diameter x 1-1/2" Long, Galvanized A307B Heavy Hex Bolt	15.50	1.48
		For >10 To 50, Deduct	*-0.62*	
		For >50 To 100, Deduct	*-1.32*	
		For >100, Deduct	*-2.63*	
05 05 23 00-0020	EA	1/2" Diameter x 3" Long, Galvanized A307B Heavy Hex Bolt	16.68	1.48
		For >10 To 50, Deduct	*-0.62*	
		For >50 To 100, Deduct	*-1.34*	
		For >100, Deduct	*-2.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0021	EA	5/8" Diameter x 2" Long, Galvanized A307B Heavy Hex Bolt	17.96	1.48
		For >10 To 50, Deduct	*-0.62*	
		For >50 To 100, Deduct	*-1.38*	
		For >100, Deduct	*-2.75*	
05 05 23 00-0022	EA	5/8" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt	21.00	1.69
		For >10 To 50, Deduct	*-0.71*	
		For >50 To 100, Deduct	*-1.58*	
		For >100, Deduct	*-3.17*	
05 05 23 00-0023	EA	3/4" Diameter x 2" Long, Galvanized A307B Heavy Hex Bolt	20.56	1.48
		For >10 To 50, Deduct	*-0.62*	
		For >50 To 100, Deduct	*-1.44*	
		For >100, Deduct	*-2.88*	
05 05 23 00-0024	EA	3/4" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt	25.82	1.69
		For >10 To 50, Deduct	*-0.71*	
		For >50 To 100, Deduct	*-1.70*	
		For >100, Deduct	*-3.41*	
05 05 23 00-0025	EA	3/4" Diameter x 6" Long, Galvanized A307B Heavy Hex Bolt	34.00	1.77
		For >10 To 50, Deduct	*-0.74*	
		For >50 To 100, Deduct	*-1.96*	
		For >100, Deduct	*-3.91*	
05 05 23 00-0026	EA	3/4" Diameter x 8" Long, Galvanized A307B Heavy Hex Bolt	39.86	1.86
		For >10 To 50, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-2.16*	
		For >100, Deduct	*-4.32*	
05 05 23 00-0027	EA	7/8" Diameter x 2" Long, Galvanized A307B Heavy Hex Bolt	27.24	1.61
		For >10 To 50, Deduct	*-0.67*	
		For >50 To 100, Deduct	*-1.69*	
		For >100, Deduct	*-3.37*	
05 05 23 00-0028	EA	7/8" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt	32.31	1.77
		For >10 To 50, Deduct	*-0.74*	
		For >50 To 100, Deduct	*-1.91*	
		For >100, Deduct	*-3.83*	
05 05 23 00-0029	EA	1" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt	38.51	1.86
		For >10 To 50, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-2.13*	
		For >100, Deduct	*-4.25*	
05 05 23 00-0030	EA	1" Diameter x 6" Long, Galvanized A307B Heavy Hex Bolt	57.27	1.95
		For >10 To 50, Deduct	*-0.82*	
		For >50 To 100, Deduct	*-2.66*	
		For >100, Deduct	*-5.31*	
05 05 23 00-0031	EA	1-1/4" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt	57.31	2.21
		For >10 To 50, Deduct	*-0.92*	
		For >50 To 100, Deduct	*-2.81*	
		For >100, Deduct	*-5.63*	
05 05 23 00-0032	EA	1-1/4" Diameter x 6" Long, Galvanized A307B Heavy Hex Bolt	71.53	2.37
		For >10 To 50, Deduct	*-0.99*	
		For >50 To 100, Deduct	*-3.27*	
		For >100, Deduct	*-6.54*	

05 05 23 00-0033 A325 High Strength Structural Bolts *(05 05 23 00-0001)*

05 05 23 00-0034 Plain Finish A325 High Strength Structural Bolts *(05 05 23 00-0033)*

Note: Includes A325 heavy hex nut and structural washer.

05 05 23 00-0035	EA	1/2" Diameter x 1-1/2" Long, Plain Finish A325 High Strength Structural Bolt	14.48	1.48
		For >10 To 50, Deduct	*-0.62*	
		For >50 To 100, Deduct	*-1.29*	
		For >100, Deduct	*-2.58*	
05 05 23 00-0036	EA	1/2" Diameter x 3" Long, Plain Finish A325 High Strength Structural Bolt	14.79	1.48
		For >10 To 50, Deduct	*-0.62*	
		For >50 To 100, Deduct	*-1.30*	
		For >100, Deduct	*-2.60*	
05 05 23 00-0037	EA	5/8" Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt	15.79	1.48
		For >10 To 50, Deduct	*-0.62*	
		For >50 To 100, Deduct	*-1.32*	
		For >100, Deduct	*-2.65*	
05 05 23 00-0038	EA	5/8" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt	19.33	1.69
		For >10 To 50, Deduct	*-0.71*	
		For >50 To 100, Deduct	*-1.54*	
		For >100, Deduct	*-3.08*	
05 05 23 00-0039	EA	5/8" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt	22.32	1.77
		For >10 To 50, Deduct	*-0.74*	
		For >50 To 100, Deduct	*-1.66*	
		For >100, Deduct	*-3.33*	
05 05 23 00-0040	EA	3/4" Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt	17.17	1.48
		For >10 To 50, Deduct	*-0.62*	
		For >50 To 100, Deduct	*-1.36*	
		For >100, Deduct	*-2.71*	
05 05 23 00-0041	EA	3/4" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt	20.80	1.69
		For >10 To 50, Deduct	*-0.71*	
		For >50 To 100, Deduct	*-1.58*	
		For >100, Deduct	*-3.16*	
05 05 23 00-0042	EA	3/4" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt	23.63	1.77
		For >10 To 50, Deduct	*-0.74*	
		For >50 To 100, Deduct	*-1.70*	
		For >100, Deduct	*-3.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0043	EA	3/4" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt	28.99	1.86
		For >10 To 50, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-1.89*	
		For >100, Deduct	*-3.78*	
05 05 23 00-0044	EA	7/8" Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt	19.89	1.61
		For >10 To 50, Deduct	*-0.67*	
		For >50 To 100, Deduct	*-1.50*	
		For >100, Deduct	*-3.01*	
05 05 23 00-0045	EA	7/8" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt	24.18	1.77
		For >10 To 50, Deduct	*-0.74*	
		For >50 To 100, Deduct	*-1.71*	
		For >100, Deduct	*-3.42*	
05 05 23 00-0046	EA	7/8" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt	27.56	1.86
		For >10 To 50, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-1.85*	
		For >100, Deduct	*-3.71*	
05 05 23 00-0047	EA	7/8" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt	29.85	1.95
		For >10 To 50, Deduct	*-0.82*	
		For >50 To 100, Deduct	*-1.97*	
		For >100, Deduct	*-3.94*	
05 05 23 00-0048	EA	1" Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt	21.96	1.67
		For >10 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-1.59*	
		For >100, Deduct	*-3.19*	
05 05 23 00-0049	EA	1" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt	26.38	1.86
		For >10 To 50, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-1.82*	
		For >100, Deduct	*-3.65*	
05 05 23 00-0050	EA	1" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt	30.51	1.95
		For >10 To 50, Deduct	*-0.82*	
		For >50 To 100, Deduct	*-1.99*	
		For >100, Deduct	*-3.97*	
05 05 23 00-0051	EA	1" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt	38.96	2.08
		For >10 To 50, Deduct	*-0.87*	
		For >50 To 100, Deduct	*-2.28*	
		For >100, Deduct	*-4.55*	
05 05 23 00-0052	EA	1-1/4" Diameter x 3" Long, Plain Finish A325 High Strength Structural Bolt	37.22	2.08
		For >10 To 50, Deduct	*-0.87*	
		For >50 To 100, Deduct	*-2.23*	
		For >100, Deduct	*-4.47*	
05 05 23 00-0053	EA	1-1/4" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt	42.14	2.21
		For >10 To 50, Deduct	*-0.92*	
		For >50 To 100, Deduct	*-2.43*	
		For >100, Deduct	*-4.87*	
05 05 23 00-0054	EA	1-1/4" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt	49.42	2.37
		For >10 To 50, Deduct	*-0.99*	
		For >50 To 100, Deduct	*-2.72*	
		For >100, Deduct	*-5.43*	
05 05 23 00-0055	EA	1-1/4" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt	57.96	2.53
		For >10 To 50, Deduct	*-1.05*	
		For >50 To 100, Deduct	*-3.03*	
		For >100, Deduct	*-6.06*	

05 05 23 00-0056 Galvanized A325 High Strength Structural Bolts *(05 05 23 00-0033)*

Note: Includes A325 heavy hex nut and structural washer.

05 05 23 00-0057	EA	1/2" Diameter x 1-1/2" Long, Galvanized A325 High Strength Structural Bolt	15.11	1.48
		For >10 To 50, Deduct	*-0.62*	
		For >50 To 100, Deduct	*-1.31*	
		For >100, Deduct	*-2.61*	
05 05 23 00-0058	EA	1/2" Diameter x 3" Long, Galvanized A325 High Strength Structural Bolt	15.33	1.48
		For >10 To 50, Deduct	*-0.62*	
		For >50 To 100, Deduct	*-1.31*	
		For >100, Deduct	*-2.62*	
05 05 23 00-0059	EA	5/8" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt	17.10	1.48
		For >10 To 50, Deduct	*-0.62*	
		For >50 To 100, Deduct	*-1.36*	
		For >100, Deduct	*-2.71*	
05 05 23 00-0060	EA	5/8" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt	20.26	1.69
		For >10 To 50, Deduct	*-0.71*	
		For >50 To 100, Deduct	*-1.57*	
		For >100, Deduct	*-3.13*	
05 05 23 00-0061	EA	5/8" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt	21.43	1.77
		For >10 To 50, Deduct	*-0.74*	
		For >50 To 100, Deduct	*-1.64*	
		For >100, Deduct	*-3.28*	
05 05 23 00-0062	EA	3/4" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt	17.77	1.48
		For >10 To 50, Deduct	*-0.62*	
		For >50 To 100, Deduct	*-1.37*	
		For >100, Deduct	*-2.74*	
05 05 23 00-0063	EA	3/4" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt	21.56	1.69
		For >10 To 50, Deduct	*-0.71*	
		For >50 To 100, Deduct	*-1.60*	
		For >100, Deduct	*-3.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0064	EA	3/4" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt	24.81	1.77
		For >10 To 50, Deduct	*-0.74*	
		For >50 To 100, Deduct	*-1.73*	
		For >100, Deduct	*-3.45*	
05 05 23 00-0065	EA	3/4" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt	31.79	1.86
		For >10 To 50, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-1.96*	
		For >100, Deduct	*-3.92*	
05 05 23 00-0066	EA	7/8" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt	23.51	1.61
		For >10 To 50, Deduct	*-0.67*	
		For >50 To 100, Deduct	*-1.59*	
		For >100, Deduct	*-3.19*	
05 05 23 00-0067	EA	7/8" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt	26.32	1.77
		For >10 To 50, Deduct	*-0.74*	
		For >50 To 100, Deduct	*-1.76*	
		For >100, Deduct	*-3.53*	
05 05 23 00-0068	EA	7/8" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt	30.15	1.86
		For >10 To 50, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-1.92*	
		For >100, Deduct	*-3.84*	
05 05 23 00-0069	EA	7/8" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt	37.63	1.95
		For >10 To 50, Deduct	*-0.82*	
		For >50 To 100, Deduct	*-2.16*	
		For >100, Deduct	*-4.33*	
05 05 23 00-0070	EA	1" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt	24.77	1.67
		For >10 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-1.66*	
		For >100, Deduct	*-3.33*	
05 05 23 00-0071	EA	1" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt	32.83	1.86
		For >10 To 50, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-1.98*	
		For >100, Deduct	*-3.97*	
05 05 23 00-0072	EA	1" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt	35.91	1.95
		For >10 To 50, Deduct	*-0.82*	
		For >50 To 100, Deduct	*-2.12*	
		For >100, Deduct	*-4.24*	
05 05 23 00-0073	EA	1" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt	45.62	2.08
		For >10 To 50, Deduct	*-0.87*	
		For >50 To 100, Deduct	*-2.44*	
		For >100, Deduct	*-4.89*	
05 05 23 00-0074	EA	1-1/4" Diameter x 3" Long, Galvanized A325 High Strength Structural Bolt	45.35	2.08
		For >10 To 50, Deduct	*-0.87*	
		For >50 To 100, Deduct	*-2.44*	
		For >100, Deduct	*-4.87*	
05 05 23 00-0075	EA	1-1/4" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt	48.35	2.21
		For >10 To 50, Deduct	*-0.92*	
		For >50 To 100, Deduct	*-2.59*	
		For >100, Deduct	*-5.18*	
05 05 23 00-0076	EA	1-1/4" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt	56.53	2.37
		For >10 To 50, Deduct	*-0.99*	
		For >50 To 100, Deduct	*-2.89*	
		For >100, Deduct	*-5.79*	
05 05 23 00-0077	EA	1-1/4" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt	65.38	2.53
		For >10 To 50, Deduct	*-1.05*	
		For >50 To 100, Deduct	*-3.21*	
		For >100, Deduct	*-6.43*	

05 05 23 00-0078 A490 High Strength Structural Bolts *(05 05 23 00-0001)*

Note: Includes A490 heavy hex nut and two structural washers.

05 05 23 00-0079 Plain Finish A490 High Strength Structural Bolts *(05 05 23 00-0078)*

05 05 23 00-0080	EA	5/8" Diameter x 2" Long, Plain Finish A490 High Strength Structural Bolt	16.28	1.48
		For >10 To 50, Deduct	*-0.62*	
		For >50 To 100, Deduct	*-1.33*	
		For >100, Deduct	*-2.67*	
05 05 23 00-0081	EA	5/8" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt	22.70	1.69
		For >10 To 50, Deduct	*-0.71*	
		For >50 To 100, Deduct	*-1.63*	
		For >100, Deduct	*-3.25*	
05 05 23 00-0082	EA	5/8" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt	24.27	1.77
		For >10 To 50, Deduct	*-0.74*	
		For >50 To 100, Deduct	*-1.71*	
		For >100, Deduct	*-3.43*	
05 05 23 00-0083	EA	3/4" Diameter x 2" Long, Plain Finish A490 High Strength Structural Bolt	18.19	1.48
		For >10 To 50, Deduct	*-0.62*	
		For >50 To 100, Deduct	*-1.38*	
		For >100, Deduct	*-2.77*	
05 05 23 00-0084	EA	3/4" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt	21.97	1.69
		For >10 To 50, Deduct	*-0.71*	
		For >50 To 100, Deduct	*-1.61*	
		For >100, Deduct	*-3.22*	
05 05 23 00-0085	EA	3/4" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt	25.50	1.77
		For >10 To 50, Deduct	*-0.74*	
		For >50 To 100, Deduct	*-1.74*	
		For >100, Deduct	*-3.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0086	EA	3/4" Diameter x 8" Long, Plain Finish A490 High Strength Structural Bolt	32.64	1.86
		For >10 To 50, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-1.98*	
		For >100, Deduct	*-3.96*	
05 05 23 00-0087	EA	7/8" Diameter x 2" Long, Plain Finish A490 High Strength Structural Bolt	21.07	1.61
		For >10 To 50, Deduct	*-0.67*	
		For >50 To 100, Deduct	*-1.53*	
		For >100, Deduct	*-3.07*	
05 05 23 00-0088	EA	7/8" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt	24.55	1.77
		For >10 To 50, Deduct	*-0.74*	
		For >50 To 100, Deduct	*-1.72*	
		For >100, Deduct	*-3.44*	
05 05 23 00-0089	EA	7/8" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt	35.18	1.86
		For >10 To 50, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-2.04*	
		For >100, Deduct	*-4.09*	
05 05 23 00-0090	EA	1" Diameter x 2" Long, Plain Finish A490 High Strength Structural Bolt	24.71	1.67
		For >10 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-1.66*	
		For >100, Deduct	*-3.33*	
05 05 23 00-0091	EA	1" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt	29.48	1.86
		For >10 To 50, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-1.90*	
		For >100, Deduct	*-3.80*	
05 05 23 00-0092	EA	1" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt	33.84	1.95
		For >10 To 50, Deduct	*-0.82*	
		For >50 To 100, Deduct	*-2.07*	
		For >100, Deduct	*-4.14*	
05 05 23 00-0093	EA	1-1/4" Diameter x 3" Long, Plain Finish A490 High Strength Structural Bolt	42.14	2.08
		For >10 To 50, Deduct	*-0.87*	
		For >50 To 100, Deduct	*-2.36*	
		For >100, Deduct	*-4.71*	
05 05 23 00-0094	EA	1-1/4" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt	53.88	2.21
		For >10 To 50, Deduct	*-0.92*	
		For >50 To 100, Deduct	*-2.73*	
		For >100, Deduct	*-5.46*	
05 05 23 00-0095	EA	1-1/4" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt	56.73	2.37
		For >10 To 50, Deduct	*-0.99*	
		For >50 To 100, Deduct	*-2.90*	
		For >100, Deduct	*-5.80*	
05 05 23 00-0096	EA	1-1/4" Diameter x 8" Long, Plain Finish A490 High Strength Structural Bolt	59.21	2.53
		For >10 To 50, Deduct	*-1.05*	
		For >50 To 100, Deduct	*-3.06*	
		For >100, Deduct	*-6.12*	

05 05 23 00-0097 Hex Head Bolts *(05 05 23 00-0001)*

05 05 23 00-0098 Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0097)*

05 05 23 00-0099 1/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*

05 05 23 00-0100	EA	1/4" Diameter x 1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.29	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0101	EA	1/4" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.31	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0102	EA	1/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.40	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0103	EA	1/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.43	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0104	EA	1/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.69	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0105	EA	1/4" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.72	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0106	EA	1/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.84	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0107	EA	1/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.05	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0108	EA	1/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.09	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0109	EA	1/4" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.28	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0110	EA	1/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.62	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.34*	
05 05 23 00-0111	EA	1/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.76	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.34*	
05 05 23 00-0112	EA	1/4" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.95	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.34*	
05 05 23 00-0113	EA	1/4" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.57	
		For >100 To 250, Deduct	*-1.60*	
		For >250 To 500, Deduct	*-2.00*	
		For >500, Deduct	*-2.40*	
05 05 23 00-0114	EA	1/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.87	
		For >100 To 250, Deduct	*-1.60*	
		For >250 To 500, Deduct	*-2.00*	
		For >500, Deduct	*-2.40*	
05 05 23 00-0115	EA	1/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.94	
		For >100 To 250, Deduct	*-1.60*	
		For >250 To 500, Deduct	*-2.00*	
		For >500, Deduct	*-2.40*	

05 05 23 00-0116 5/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*

05 05 23 00-0117	EA	5/16" Diameter x 1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.36	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0118	EA	5/16" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.39	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0119	EA	5/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.45	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0120	EA	5/16" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.51	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0121	EA	5/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.77	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0122	EA	5/16" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.89	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0123	EA	5/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.94	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0124	EA	5/16" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.26	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0125	EA	5/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.44	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0126	EA	5/16" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.51	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0127	EA	5/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.78	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.34*	
05 05 23 00-0128	EA	5/16" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.85	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0129	EA	5/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.52	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.34*	
05 05 23 00-0130	EA	5/16" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.06	
		For >100 To 250, Deduct	*-1.60*	
		For >250 To 500, Deduct	*-2.00*	
		For >500, Deduct	*-2.40*	
05 05 23 00-0131	EA	5/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.36	
		For >100 To 250, Deduct	*-1.60*	
		For >250 To 500, Deduct	*-2.00*	
		For >500, Deduct	*-2.40*	
05 05 23 00-0132	EA	5/16" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.63	
		For >100 To 250, Deduct	*-1.60*	
		For >250 To 500, Deduct	*-2.00*	
		For >500, Deduct	*-2.40*	
05 05 23 00-0133		3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*		
05 05 23 00-0134	EA	3/8" Diameter x 1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.44	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0135	EA	3/8" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.47	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0136	EA	3/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.56	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0137	EA	3/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.65	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0138	EA	3/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.93	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0139	EA	3/8" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.08	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0140	EA	3/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.24	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0141	EA	3/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.59	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0142	EA	3/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.80	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0143	EA	3/8" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.91	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0144	EA	3/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.33	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.34*	
05 05 23 00-0145	EA	3/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.45	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.34*	
05 05 23 00-0146	EA	3/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.52	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.34*	
05 05 23 00-0147	EA	3/8" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.78	
		For >100 To 250, Deduct	*-1.60*	
		For >250 To 500, Deduct	*-2.00*	
		For >500, Deduct	*-2.40*	
05 05 23 00-0148	EA	3/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.91	
		For >100 To 250, Deduct	*-1.60*	
		For >250 To 500, Deduct	*-2.00*	
		For >500, Deduct	*-2.40*	
05 05 23 00-0149	EA	3/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.09	
		For >100 To 250, Deduct	*-1.60*	
		For >250 To 500, Deduct	*-2.00*	
		For >500, Deduct	*-2.40*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0150		7/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*		
05 05 23 00-0151	EA	7/16" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.83	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-0152	EA	7/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.96	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-0153	EA	7/16" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.98	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-0154	EA	7/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.36	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.52*	
05 05 23 00-0155	EA	7/16" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.55	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.52*	
05 05 23 00-0156	EA	7/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.71	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.52*	
05 05 23 00-0157	EA	7/16" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.32	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0158	EA	7/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.44	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0159	EA	7/16" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.67	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0160	EA	7/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.26	
		For >100 To 250, Deduct	*-1.76*	
		For >250 To 500, Deduct	*-2.20*	
		For >500, Deduct	*-2.64*	
05 05 23 00-0161	EA	7/16" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.37	
		For >100 To 250, Deduct	*-1.76*	
		For >250 To 500, Deduct	*-2.20*	
		For >500, Deduct	*-2.64*	
05 05 23 00-0162	EA	7/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.66	
		For >100 To 250, Deduct	*-1.76*	
		For >250 To 500, Deduct	*-2.20*	
		For >500, Deduct	*-2.64*	
05 05 23 00-0163	EA	7/16" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.00	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0164	EA	7/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.26	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0165	EA	7/16" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.77	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0166		1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*		
05 05 23 00-0167	EA	1/2" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.73	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-0168	EA	1/2" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.88	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-0169	EA	1/2" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.03	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-0170	EA	1/2" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.41	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.52*	
05 05 23 00-0171	EA	1/2" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.57	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0172	EA	1/2" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.73	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.52*	
05 05 23 00-0173	EA	1/2" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.14	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0174	EA	1/2" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.32	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0175	EA	1/2" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.64	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0176	EA	1/2" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.89	
		For >100 To 250, Deduct	*-1.76*	
		For >250 To 500, Deduct	*-2.20*	
		For >500, Deduct	*-2.64*	
05 05 23 00-0177	EA	1/2" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.93	
		For >100 To 250, Deduct	*-1.76*	
		For >250 To 500, Deduct	*-2.20*	
		For >500, Deduct	*-2.64*	
05 05 23 00-0178	EA	1/2" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.20	
		For >100 To 250, Deduct	*-1.76*	
		For >250 To 500, Deduct	*-2.20*	
		For >500, Deduct	*-2.64*	
05 05 23 00-0179	EA	1/2" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.66	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0180	EA	1/2" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.83	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0181	EA	1/2" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.29	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0182	EA	1/2" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.73	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0183	EA	1/2" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.90	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0184	EA	1/2" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.56	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0185	EA	1/2" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.74	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0186		9/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*		
05 05 23 00-0187	EA	9/16" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.89	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-0188	EA	9/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.09	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-0189	EA	9/16" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.15	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-0190	EA	9/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.04	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.52*	
05 05 23 00-0191	EA	9/16" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.32	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.52*	
05 05 23 00-0192	EA	9/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.41	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0193	EA	9/16" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.64	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0194	EA	9/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.71	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0195	EA	9/16" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.94	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0196	EA	9/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.20	
		For >100 To 250, Deduct	*-1.76*	
		For >250 To 500, Deduct	*-2.20*	
		For >500, Deduct	*-2.64*	
05 05 23 00-0197	EA	9/16" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.27	
		For >100 To 250, Deduct	*-1.76*	
		For >250 To 500, Deduct	*-2.20*	
		For >500, Deduct	*-2.64*	
05 05 23 00-0198	EA	9/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.48	
		For >100 To 250, Deduct	*-1.76*	
		For >250 To 500, Deduct	*-2.20*	
		For >500, Deduct	*-2.64*	
05 05 23 00-0199	EA	9/16" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.91	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0200	EA	9/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.15	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0201	EA	9/16" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.40	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0202	EA	9/16" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.82	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0203	EA	9/16" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.10	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0204	EA	9/16" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.30	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0205	EA	9/16" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.59	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0206		5/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*		
05 05 23 00-0207	EA	5/8" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.38	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0208	EA	5/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.51	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0209	EA	5/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.70	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0210	EA	5/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.15	
		For >100 To 250, Deduct	*-1.89*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-2.83*	
05 05 23 00-0211	EA	5/8" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.42	
		For >100 To 250, Deduct	*-1.89*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-2.83*	
05 05 23 00-0212	EA	5/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.76	
		For >100 To 250, Deduct	*-1.89*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-2.83*	
05 05 23 00-0213	EA	5/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.39	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0214	EA	5/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.90	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0215	EA	5/8" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.31	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0216	EA	5/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.67	
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-2.95*	
05 05 23 00-0217	EA	5/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.73	
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-2.95*	
05 05 23 00-0218	EA	5/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	14.41	
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-2.95*	
05 05 23 00-0219	EA	5/8" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	15.01	
		For >100 To 250, Deduct	*-2.01*	
		For >250 To 500, Deduct	*-2.51*	
		For >500, Deduct	*-3.01*	
05 05 23 00-0220	EA	5/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	15.55	
		For >100 To 250, Deduct	*-2.01*	
		For >250 To 500, Deduct	*-2.51*	
		For >500, Deduct	*-3.01*	
05 05 23 00-0221	EA	5/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	16.19	
		For >100 To 250, Deduct	*-2.01*	
		For >250 To 500, Deduct	*-2.51*	
		For >500, Deduct	*-3.01*	
05 05 23 00-0222	EA	5/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	17.07	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.56*	
		For >500, Deduct	*-3.07*	
05 05 23 00-0223	EA	5/8" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	17.69	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.56*	
		For >500, Deduct	*-3.07*	
05 05 23 00-0224	EA	5/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	18.33	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.56*	
		For >500, Deduct	*-3.07*	
05 05 23 00-0225	EA	5/8" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	18.82	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.56*	
		For >500, Deduct	*-3.07*	

05 05 23 00-0226 3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*

05 05 23 00-0227	EA	3/4" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.84	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0228	EA	3/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.12	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0229	EA	3/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.38	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0230	EA	3/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.91	
		For >100 To 250, Deduct	*-1.89*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-2.83*	
05 05 23 00-0231	EA	3/4" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.32	
		For >100 To 250, Deduct	*-1.89*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-2.83*	
05 05 23 00-0232	EA	3/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.67	
		For >100 To 250, Deduct	*-1.89*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-2.83*	
05 05 23 00-0233	EA	3/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.25	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0234	EA	3/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.75	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0235	EA	3/4" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	14.13	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0236	EA	3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	15.14	
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-2.95*	
05 05 23 00-0237	EA	3/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	15.46	
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-2.95*	
05 05 23 00-0238	EA	3/4" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	16.07	
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-2.95*	
05 05 23 00-0239	EA	3/4" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	16.32	
		For >100 To 250, Deduct	*-2.01*	
		For >250 To 500, Deduct	*-2.51*	
		For >500, Deduct	*-3.01*	
05 05 23 00-0240	EA	3/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	17.74	
		For >100 To 250, Deduct	*-2.01*	
		For >250 To 500, Deduct	*-2.51*	
		For >500, Deduct	*-3.01*	
05 05 23 00-0241	EA	3/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	18.40	
		For >100 To 250, Deduct	*-2.01*	
		For >250 To 500, Deduct	*-2.51*	
		For >500, Deduct	*-3.01*	
05 05 23 00-0242	EA	3/4" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	19.47	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.56*	
		For >500, Deduct	*-3.07*	
05 05 23 00-0243	EA	3/4" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	20.13	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.56*	
		For >500, Deduct	*-3.07*	
05 05 23 00-0244	EA	3/4" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	21.01	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.56*	
		For >500, Deduct	*-3.07*	
05 05 23 00-0245	EA	3/4" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	21.86	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.56*	
		For >500, Deduct	*-3.07*	

05 05 23 00-0246 7/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*

05 05 23 00-0247	EA	7/8" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.35	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.56*	
		For >500, Deduct	*-3.07*	
05 05 23 00-0248	EA	7/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.58	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.56*	
		For >500, Deduct	*-3.07*	
05 05 23 00-0249	EA	7/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.70	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.56*	
		For >500, Deduct	*-3.07*	
05 05 23 00-0250	EA	7/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	14.23	
		For >100 To 250, Deduct	*-2.09*	
		For >250 To 500, Deduct	*-2.61*	
		For >500, Deduct	*-3.14*	
05 05 23 00-0251	EA	7/8" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	14.88	
		For >100 To 250, Deduct	*-2.09*	
		For >250 To 500, Deduct	*-2.61*	
		For >500, Deduct	*-3.14*	
05 05 23 00-0252	EA	7/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	15.63	
		For >100 To 250, Deduct	*-2.09*	
		For >250 To 500, Deduct	*-2.61*	
		For >500, Deduct	*-3.14*	
05 05 23 00-0253	EA	7/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	16.47	
		For >100 To 250, Deduct	*-2.13*	
		For >250 To 500, Deduct	*-2.67*	
		For >500, Deduct	*-3.20*	
05 05 23 00-0254	EA	7/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	17.57	
		For >100 To 250, Deduct	*-2.13*	
		For >250 To 500, Deduct	*-2.67*	
		For >500, Deduct	*-3.20*	
05 05 23 00-0255	EA	7/8" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	18.18	
		For >100 To 250, Deduct	*-2.13*	
		For >250 To 500, Deduct	*-2.67*	
		For >500, Deduct	*-3.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0256	EA	7/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	18.86	
		For >100 To 250, Deduct	*-2.17*	
		For >250 To 500, Deduct	*-2.72*	
		For >500, Deduct	*-3.26*	
05 05 23 00-0257	EA	7/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	19.22	
		For >100 To 250, Deduct	*-2.17*	
		For >250 To 500, Deduct	*-2.72*	
		For >500, Deduct	*-3.26*	
05 05 23 00-0258	EA	7/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	20.09	
		For >100 To 250, Deduct	*-2.17*	
		For >250 To 500, Deduct	*-2.72*	
		For >500, Deduct	*-3.26*	
05 05 23 00-0259	EA	7/8" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	21.15	
		For >100 To 250, Deduct	*-2.21*	
		For >250 To 500, Deduct	*-2.77*	
		For >500, Deduct	*-3.32*	
05 05 23 00-0260	EA	7/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	22.03	
		For >100 To 250, Deduct	*-2.21*	
		For >250 To 500, Deduct	*-2.77*	
		For >500, Deduct	*-3.32*	
05 05 23 00-0261	EA	7/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	22.90	
		For >100 To 250, Deduct	*-2.21*	
		For >250 To 500, Deduct	*-2.77*	
		For >500, Deduct	*-3.32*	
05 05 23 00-0262	EA	7/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	23.93	
		For >100 To 250, Deduct	*-2.25*	
		For >250 To 500, Deduct	*-2.82*	
		For >500, Deduct	*-3.38*	
05 05 23 00-0263	EA	7/8" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	24.84	
		For >100 To 250, Deduct	*-2.25*	
		For >250 To 500, Deduct	*-2.82*	
		For >500, Deduct	*-3.38*	
05 05 23 00-0264	EA	7/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	25.69	
		For >100 To 250, Deduct	*-2.25*	
		For >250 To 500, Deduct	*-2.82*	
		For >500, Deduct	*-3.38*	
05 05 23 00-0265	EA	7/8" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	26.59	
		For >100 To 250, Deduct	*-2.25*	
		For >250 To 500, Deduct	*-2.82*	
		For >500, Deduct	*-3.38*	

05 05 23 00-0266 1" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*

05 05 23 00-0267	EA	1" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	14.41	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.56*	
		For >500, Deduct	*-3.07*	
05 05 23 00-0268	EA	1" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	16.00	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.56*	
		For >500, Deduct	*-3.07*	
05 05 23 00-0269	EA	1" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	17.20	
		For >100 To 250, Deduct	*-2.09*	
		For >250 To 500, Deduct	*-2.61*	
		For >500, Deduct	*-3.14*	
05 05 23 00-0270	EA	1" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	18.46	
		For >100 To 250, Deduct	*-2.09*	
		For >250 To 500, Deduct	*-2.61*	
		For >500, Deduct	*-3.14*	
05 05 23 00-0271	EA	1" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	19.60	
		For >100 To 250, Deduct	*-2.09*	
		For >250 To 500, Deduct	*-2.61*	
		For >500, Deduct	*-3.14*	
05 05 23 00-0272	EA	1" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	20.99	
		For >100 To 250, Deduct	*-2.13*	
		For >250 To 500, Deduct	*-2.67*	
		For >500, Deduct	*-3.20*	
05 05 23 00-0273	EA	1" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	22.09	
		For >100 To 250, Deduct	*-2.13*	
		For >250 To 500, Deduct	*-2.67*	
		For >500, Deduct	*-3.20*	
05 05 23 00-0274	EA	1" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	23.23	
		For >100 To 250, Deduct	*-2.13*	
		For >250 To 500, Deduct	*-2.67*	
		For >500, Deduct	*-3.20*	
05 05 23 00-0275	EA	1" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	23.99	
		For >100 To 250, Deduct	*-2.17*	
		For >250 To 500, Deduct	*-2.72*	
		For >500, Deduct	*-3.26*	
05 05 23 00-0276	EA	1" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	24.54	
		For >100 To 250, Deduct	*-2.17*	
		For >250 To 500, Deduct	*-2.72*	
		For >500, Deduct	*-3.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0277	EA	1" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	25.50	
		For >100 To 250, Deduct	*-2.17*	
		For >250 To 500, Deduct	*-2.72*	
		For >500, Deduct	*-3.26*	
05 05 23 00-0278	EA	1" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	26.65	
		For >100 To 250, Deduct	*-2.21*	
		For >250 To 500, Deduct	*-2.77*	
		For >500, Deduct	*-3.32*	
05 05 23 00-0279	EA	1" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	27.60	
		For >100 To 250, Deduct	*-2.21*	
		For >250 To 500, Deduct	*-2.77*	
		For >500, Deduct	*-3.32*	
05 05 23 00-0280	EA	1" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	28.58	
		For >100 To 250, Deduct	*-2.21*	
		For >250 To 500, Deduct	*-2.77*	
		For >500, Deduct	*-3.32*	
05 05 23 00-0281	EA	1" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	29.58	
		For >100 To 250, Deduct	*-2.25*	
		For >250 To 500, Deduct	*-2.82*	
		For >500, Deduct	*-3.38*	
05 05 23 00-0282	EA	1" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	30.69	
		For >100 To 250, Deduct	*-2.25*	
		For >250 To 500, Deduct	*-2.82*	
		For >500, Deduct	*-3.38*	
05 05 23 00-0283	EA	1" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	31.68	
		For >100 To 250, Deduct	*-2.25*	
		For >250 To 500, Deduct	*-2.82*	
		For >500, Deduct	*-3.38*	
05 05 23 00-0284	EA	1" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	32.67	
		For >100 To 250, Deduct	*-2.25*	
		For >250 To 500, Deduct	*-2.82*	
		For >500, Deduct	*-3.38*	

05 05 23 00-0285 Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0097)*

05 05 23 00-0286 1/4" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

05 05 23 00-0287	EA	1/4" Diameter x 1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.34	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0288	EA	1/4" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.39	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0289	EA	1/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.44	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0290	EA	1/4" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.52	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0291	EA	1/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.81	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0292	EA	1/4" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.95	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0293	EA	1/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.12	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0294	EA	1/4" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.44	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0295	EA	1/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.65	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0296	EA	1/4" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.78	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0297	EA	1/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.14	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.34*	
05 05 23 00-0298	EA	1/4" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.27	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0299	EA	1/4" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.39	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.34*	
05 05 23 00-0300	EA	1/4" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.76	
		For >100 To 250, Deduct	*-1.60*	
		For >250 To 500, Deduct	*-2.00*	
		For >500, Deduct	*-2.40*	
05 05 23 00-0301	EA	1/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.94	
		For >100 To 250, Deduct	*-1.60*	
		For >250 To 500, Deduct	*-2.00*	
		For >500, Deduct	*-2.40*	
05 05 23 00-0302	EA	1/4" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.13	
		For >100 To 250, Deduct	*-1.60*	
		For >250 To 500, Deduct	*-2.00*	
		For >500, Deduct	*-2.40*	
05 05 23 00-0303		5/16" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*		
05 05 23 00-0304	EA	5/16" Diameter x 1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.44	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0305	EA	5/16" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.48	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0306	EA	5/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.54	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0307	EA	5/16" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.65	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0308	EA	5/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.94	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0309	EA	5/16" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.08	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0310	EA	5/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.33	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0311	EA	5/16" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.66	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0312	EA	5/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.86	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0313	EA	5/16" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.04	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0314	EA	5/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.61	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.34*	
05 05 23 00-0315	EA	5/16" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.68	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.34*	
05 05 23 00-0316	EA	5/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.93	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.34*	
05 05 23 00-0317	EA	5/16" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.45	
		For >100 To 250, Deduct	*-1.60*	
		For >250 To 500, Deduct	*-2.00*	
		For >500, Deduct	*-2.40*	
05 05 23 00-0318	EA	5/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.79	
		For >100 To 250, Deduct	*-1.60*	
		For >250 To 500, Deduct	*-2.00*	
		For >500, Deduct	*-2.40*	
05 05 23 00-0319	EA	5/16" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.11	
		For >100 To 250, Deduct	*-1.60*	
		For >250 To 500, Deduct	*-2.00*	
		For >500, Deduct	*-2.40*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

05 05 23 00-0320 3/8" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

05 05 23 00-0321	EA	3/8" Diameter x 1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.50	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0322	EA	3/8" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.53	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0323	EA	3/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.64	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0324	EA	3/8" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.76	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0325	EA	3/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.09	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0326	EA	3/8" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.23	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0327	EA	3/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.45	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0328	EA	3/8" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.89	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0329	EA	3/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.40	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0330	EA	3/8" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.64	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0331	EA	3/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.16	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.34*	
05 05 23 00-0332	EA	3/8" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.38	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.34*	
05 05 23 00-0333	EA	3/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.77	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.34*	
05 05 23 00-0334	EA	3/8" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.25	
		For >100 To 250, Deduct	*-1.60*	
		For >250 To 500, Deduct	*-2.00*	
		For >500, Deduct	*-2.40*	
05 05 23 00-0335	EA	3/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.77	
		For >100 To 250, Deduct	*-1.60*	
		For >250 To 500, Deduct	*-2.00*	
		For >500, Deduct	*-2.40*	
05 05 23 00-0336	EA	3/8" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.18	
		For >100 To 250, Deduct	*-1.60*	
		For >250 To 500, Deduct	*-2.00*	
		For >500, Deduct	*-2.40*	

05 05 23 00-0337 7/16" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

05 05 23 00-0338	EA	7/16" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.74	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-0339	EA	7/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.85	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-0340	EA	7/16" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.11	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-0341	EA	7/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.53	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0342	EA	7/16" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.72	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.52*	
05 05 23 00-0343	EA	7/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.90	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.52*	
05 05 23 00-0344	EA	7/16" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.33	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0345	EA	7/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.36	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0346	EA	7/16" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.81	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0347	EA	7/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.16	
		For >100 To 250, Deduct	*-1.76*	
		For >250 To 500, Deduct	*-2.20*	
		For >500, Deduct	*-2.64*	
05 05 23 00-0348	EA	7/16" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.37	
		For >100 To 250, Deduct	*-1.76*	
		For >250 To 500, Deduct	*-2.20*	
		For >500, Deduct	*-2.64*	
05 05 23 00-0349	EA	7/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.59	
		For >100 To 250, Deduct	*-1.76*	
		For >250 To 500, Deduct	*-2.20*	
		For >500, Deduct	*-2.64*	
05 05 23 00-0350	EA	7/16" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.10	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0351	EA	7/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.39	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0352	EA	7/16" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.69	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	

05 05 23 00-0353 1/2" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

05 05 23 00-0354	EA	1/2" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.88	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-0355	EA	1/2" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.02	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-0356	EA	1/2" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.17	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-0357	EA	1/2" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.63	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.52*	
05 05 23 00-0358	EA	1/2" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.86	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.52*	
05 05 23 00-0359	EA	1/2" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.11	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.52*	
05 05 23 00-0360	EA	1/2" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.53	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0361	EA	1/2" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.33	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0362	EA	1/2" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.38	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0363	EA	1/2" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.14	
		For >100 To 250, Deduct	*-1.76*	
		For >250 To 500, Deduct	*-2.20*	
		For >500, Deduct	*-2.64*	
05 05 23 00-0364	EA	1/2" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.45	
		For >100 To 250, Deduct	*-1.76*	
		For >250 To 500, Deduct	*-2.20*	
		For >500, Deduct	*-2.64*	
05 05 23 00-0365	EA	1/2" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.25	
		For >100 To 250, Deduct	*-1.76*	
		For >250 To 500, Deduct	*-2.20*	
		For >500, Deduct	*-2.64*	
05 05 23 00-0366	EA	1/2" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.18	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0367	EA	1/2" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.64	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0368	EA	1/2" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.80	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0369	EA	1/2" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.83	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0370	EA	1/2" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	16.62	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0371	EA	1/2" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	17.73	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0372	EA	1/2" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	18.16	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	

05 05 23 00-0373 9/16" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

05 05 23 00-0374	EA	9/16" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.31	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-0375	EA	9/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.57	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-0376	EA	9/16" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.81	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-0377	EA	9/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.28	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.52*	
05 05 23 00-0378	EA	9/16" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.60	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.52*	
05 05 23 00-0379	EA	9/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.96	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.52*	
05 05 23 00-0380	EA	9/16" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.58	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0381	EA	9/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.97	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0382	EA	9/16" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.34	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0383	EA	9/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.95	
		For >100 To 250, Deduct	*-1.76*	
		For >250 To 500, Deduct	*-2.20*	
		For >500, Deduct	*-2.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0384	EA	9/16" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.34	
		For >100 To 250, Deduct	*-1.76*	
		For >250 To 500, Deduct	*-2.20*	
		For >500, Deduct	*-2.64*	
05 05 23 00-0385	EA	9/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.63	
		For >100 To 250, Deduct	*-1.76*	
		For >250 To 500, Deduct	*-2.20*	
		For >500, Deduct	*-2.64*	
05 05 23 00-0386	EA	9/16" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	17.43	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0387	EA	9/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	17.96	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0388	EA	9/16" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	18.85	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0389	EA	9/16" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	19.90	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0390	EA	9/16" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	20.22	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0391	EA	9/16" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	20.54	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0392	EA	9/16" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	21.35	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	

05 05 23 00-0393 5/8" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

05 05 23 00-0394	EA	5/8" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.62	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0395	EA	5/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.71	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0396	EA	5/8" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.79	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0397	EA	5/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.24	
		For >100 To 250, Deduct	*-1.89*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-2.83*	
05 05 23 00-0398	EA	5/8" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.67	
		For >100 To 250, Deduct	*-1.89*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-2.83*	
05 05 23 00-0399	EA	5/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.06	
		For >100 To 250, Deduct	*-1.89*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-2.83*	
05 05 23 00-0400	EA	5/8" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.66	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0401	EA	5/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.41	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0402	EA	5/8" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.81	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0403	EA	5/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.22	
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-2.95*	
05 05 23 00-0404	EA	5/8" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.86	
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-2.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0405	EA	5/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.89	
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-2.95*	
05 05 23 00-0406	EA	5/8" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	17.03	
		For >100 To 250, Deduct	*-2.01*	
		For >250 To 500, Deduct	*-2.51*	
		For >500, Deduct	*-3.01*	
05 05 23 00-0407	EA	5/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	17.87	
		For >100 To 250, Deduct	*-2.01*	
		For >250 To 500, Deduct	*-2.51*	
		For >500, Deduct	*-3.01*	
05 05 23 00-0408	EA	5/8" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	18.00	
		For >100 To 250, Deduct	*-2.01*	
		For >250 To 500, Deduct	*-2.51*	
		For >500, Deduct	*-3.01*	
05 05 23 00-0409	EA	5/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	19.73	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.56*	
		For >500, Deduct	*-3.07*	
05 05 23 00-0410	EA	5/8" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	20.86	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.56*	
		For >500, Deduct	*-3.07*	
05 05 23 00-0411	EA	5/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	22.53	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.56*	
		For >500, Deduct	*-3.07*	
05 05 23 00-0412	EA	5/8" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	23.12	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.56*	
		For >500, Deduct	*-3.07*	

05 05 23 00-0413 3/4" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

05 05 23 00-0414	EA	3/4" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.58	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0415	EA	3/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.74	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0416	EA	3/4" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.83	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0417	EA	3/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.41	
		For >100 To 250, Deduct	*-1.89*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-2.83*	
05 05 23 00-0418	EA	3/4" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.83	
		For >100 To 250, Deduct	*-1.89*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-2.83*	
05 05 23 00-0419	EA	3/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.48	
		For >100 To 250, Deduct	*-1.89*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-2.83*	
05 05 23 00-0420	EA	3/4" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.12	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0421	EA	3/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.53	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0422	EA	3/4" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.41	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0423	EA	3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	16.02	
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-2.95*	
05 05 23 00-0424	EA	3/4" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	16.74	
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-2.95*	
05 05 23 00-0425	EA	3/4" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	17.62	
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-2.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0426	EA	3/4" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	19.09	
		For >100 To 250, Deduct	*-2.01*	
		For >250 To 500, Deduct	*-2.51*	
		For >500, Deduct	*-3.01*	
05 05 23 00-0427	EA	3/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	20.00	
		For >100 To 250, Deduct	*-2.01*	
		For >250 To 500, Deduct	*-2.51*	
		For >500, Deduct	*-3.01*	
05 05 23 00-0428	EA	3/4" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	20.52	
		For >100 To 250, Deduct	*-2.01*	
		For >250 To 500, Deduct	*-2.51*	
		For >500, Deduct	*-3.01*	
05 05 23 00-0429	EA	3/4" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	22.09	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.56*	
		For >500, Deduct	*-3.07*	
05 05 23 00-0430	EA	3/4" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	22.56	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.56*	
		For >500, Deduct	*-3.07*	
05 05 23 00-0431	EA	3/4" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	24.07	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.56*	
		For >500, Deduct	*-3.07*	
05 05 23 00-0432	EA	3/4" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	24.45	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.56*	
		For >500, Deduct	*-3.07*	

05 05 23 00-0433 7/8" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

05 05 23 00-0434	EA	7/8" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.80	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.56*	
		For >500, Deduct	*-3.07*	
05 05 23 00-0435	EA	7/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.01	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.56*	
		For >500, Deduct	*-3.07*	
05 05 23 00-0436	EA	7/8" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.29	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.56*	
		For >500, Deduct	*-3.07*	
05 05 23 00-0437	EA	7/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.79	
		For >100 To 250, Deduct	*-2.09*	
		For >250 To 500, Deduct	*-2.61*	
		For >500, Deduct	*-3.14*	
05 05 23 00-0438	EA	7/8" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.64	
		For >100 To 250, Deduct	*-2.09*	
		For >250 To 500, Deduct	*-2.61*	
		For >500, Deduct	*-3.14*	
05 05 23 00-0439	EA	7/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	16.21	
		For >100 To 250, Deduct	*-2.09*	
		For >250 To 500, Deduct	*-2.61*	
		For >500, Deduct	*-3.14*	
05 05 23 00-0440	EA	7/8" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	16.85	
		For >100 To 250, Deduct	*-2.13*	
		For >250 To 500, Deduct	*-2.67*	
		For >500, Deduct	*-3.20*	
05 05 23 00-0441	EA	7/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	17.85	
		For >100 To 250, Deduct	*-2.13*	
		For >250 To 500, Deduct	*-2.67*	
		For >500, Deduct	*-3.20*	
05 05 23 00-0442	EA	7/8" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	18.62	
		For >100 To 250, Deduct	*-2.13*	
		For >250 To 500, Deduct	*-2.67*	
		For >500, Deduct	*-3.20*	
05 05 23 00-0443	EA	7/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	19.18	
		For >100 To 250, Deduct	*-2.17*	
		For >250 To 500, Deduct	*-2.72*	
		For >500, Deduct	*-3.26*	
05 05 23 00-0444	EA	7/8" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	19.81	
		For >100 To 250, Deduct	*-2.17*	
		For >250 To 500, Deduct	*-2.72*	
		For >500, Deduct	*-3.26*	
05 05 23 00-0445	EA	7/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	22.53	
		For >100 To 250, Deduct	*-2.17*	
		For >250 To 500, Deduct	*-2.72*	
		For >500, Deduct	*-3.26*	
05 05 23 00-0446	EA	7/8" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	23.70	
		For >100 To 250, Deduct	*-2.21*	
		For >250 To 500, Deduct	*-2.77*	
		For >500, Deduct	*-3.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0447	EA	7/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	24.89	
		For >100 To 250, Deduct	*-2.21*	
		For >250 To 500, Deduct	*-2.77*	
		For >500, Deduct	*-3.32*	
05 05 23 00-0448	EA	7/8" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	24.97	
		For >100 To 250, Deduct	*-2.21*	
		For >250 To 500, Deduct	*-2.77*	
		For >500, Deduct	*-3.32*	
05 05 23 00-0449	EA	7/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	26.90	
		For >100 To 250, Deduct	*-2.25*	
		For >250 To 500, Deduct	*-2.82*	
		For >500, Deduct	*-3.38*	
05 05 23 00-0450	EA	7/8" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	28.07	
		For >100 To 250, Deduct	*-2.25*	
		For >250 To 500, Deduct	*-2.82*	
		For >500, Deduct	*-3.38*	
05 05 23 00-0451	EA	7/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	29.06	
		For >100 To 250, Deduct	*-2.25*	
		For >250 To 500, Deduct	*-2.82*	
		For >500, Deduct	*-3.38*	
05 05 23 00-0452	EA	7/8" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	30.06	
		For >100 To 250, Deduct	*-2.25*	
		For >250 To 500, Deduct	*-2.82*	
		For >500, Deduct	*-3.38*	

05 05 23 00-0453 1" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

05 05 23 00-0454	EA	1" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.70	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.56*	
		For >500, Deduct	*-3.07*	
05 05 23 00-0455	EA	1" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.77	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.56*	
		For >500, Deduct	*-3.07*	
05 05 23 00-0456	EA	1" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	16.61	
		For >100 To 250, Deduct	*-2.09*	
		For >250 To 500, Deduct	*-2.61*	
		For >500, Deduct	*-3.14*	
05 05 23 00-0457	EA	1" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	17.44	
		For >100 To 250, Deduct	*-2.09*	
		For >250 To 500, Deduct	*-2.61*	
		For >500, Deduct	*-3.14*	
05 05 23 00-0458	EA	1" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	18.05	
		For >100 To 250, Deduct	*-2.09*	
		For >250 To 500, Deduct	*-2.61*	
		For >500, Deduct	*-3.14*	
05 05 23 00-0459	EA	1" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	19.03	
		For >100 To 250, Deduct	*-2.13*	
		For >250 To 500, Deduct	*-2.67*	
		For >500, Deduct	*-3.20*	
05 05 23 00-0460	EA	1" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	20.00	
		For >100 To 250, Deduct	*-2.13*	
		For >250 To 500, Deduct	*-2.67*	
		For >500, Deduct	*-3.20*	
05 05 23 00-0461	EA	1" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	21.41	
		For >100 To 250, Deduct	*-2.13*	
		For >250 To 500, Deduct	*-2.67*	
		For >500, Deduct	*-3.20*	
05 05 23 00-0462	EA	1" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	22.62	
		For >100 To 250, Deduct	*-2.17*	
		For >250 To 500, Deduct	*-2.72*	
		For >500, Deduct	*-3.26*	
05 05 23 00-0463	EA	1" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	22.92	
		For >100 To 250, Deduct	*-2.17*	
		For >250 To 500, Deduct	*-2.72*	
		For >500, Deduct	*-3.26*	
05 05 23 00-0464	EA	1" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	24.89	
		For >100 To 250, Deduct	*-2.17*	
		For >250 To 500, Deduct	*-2.72*	
		For >500, Deduct	*-3.26*	
05 05 23 00-0465	EA	1" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	26.36	
		For >100 To 250, Deduct	*-2.21*	
		For >250 To 500, Deduct	*-2.77*	
		For >500, Deduct	*-3.32*	
05 05 23 00-0466	EA	1" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	28.45	
		For >100 To 250, Deduct	*-2.21*	
		For >250 To 500, Deduct	*-2.77*	
		For >500, Deduct	*-3.32*	
05 05 23 00-0467	EA	1" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	29.05	
		For >100 To 250, Deduct	*-2.21*	
		For >250 To 500, Deduct	*-2.77*	
		For >500, Deduct	*-3.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0468	EA	1" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	35.97	
		For >100 To 250, Deduct	*-2.25*	
		For >250 To 500, Deduct	*-2.82*	
		For >500, Deduct	*-3.38*	
05 05 23 00-0469	EA	1" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	36.50	
		For >100 To 250, Deduct	*-2.25*	
		For >250 To 500, Deduct	*-2.82*	
		For >500, Deduct	*-3.38*	
05 05 23 00-0470	EA	1" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	37.94	
		For >100 To 250, Deduct	*-2.25*	
		For >250 To 500, Deduct	*-2.82*	
		For >500, Deduct	*-3.38*	
05 05 23 00-0471	EA	1" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	38.92	
		For >100 To 250, Deduct	*-2.25*	
		For >250 To 500, Deduct	*-2.82*	
		For >500, Deduct	*-3.38*	

05 05 23 00-0472 Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0097)*

05 05 23 00-0473 1/4" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

05 05 23 00-0474	EA	1/4" Diameter x 1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.37	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0475	EA	1/4" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.47	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0476	EA	1/4" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.52	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0477	EA	1/4" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.63	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0478	EA	1/4" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.89	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0479	EA	1/4" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.01	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0480	EA	1/4" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.13	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0481	EA	1/4" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.33	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0482	EA	1/4" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.66	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0483	EA	1/4" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.96	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0484	EA	1/4" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.33	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.34*	
05 05 23 00-0485	EA	1/4" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.50	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.34*	
05 05 23 00-0486	EA	1/4" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.71	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.34*	
05 05 23 00-0487	EA	1/4" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.05	
		For >100 To 250, Deduct	*-1.60*	
		For >250 To 500, Deduct	*-2.00*	
		For >500, Deduct	*-2.40*	
05 05 23 00-0488	EA	1/4" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.45	
		For >100 To 250, Deduct	*-1.60*	
		For >250 To 500, Deduct	*-2.00*	
		For >500, Deduct	*-2.40*	
05 05 23 00-0489	EA	1/4" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.63	
		For >100 To 250, Deduct	*-1.60*	
		For >250 To 500, Deduct	*-2.00*	
		For >500, Deduct	*-2.40*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

05 05 23 00-0490 5/16" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

05 05 23 00-0491	EA	5/16" Diameter x 1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.46	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0492	EA	5/16" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.52	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0493	EA	5/16" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.71	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0494	EA	5/16" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.75	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0495	EA	5/16" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.06	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0496	EA	5/16" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.34	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0497	EA	5/16" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.43	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0498	EA	5/16" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.80	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0499	EA	5/16" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.98	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0500	EA	5/16" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.39	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0501	EA	5/16" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.85	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.34*	
05 05 23 00-0502	EA	5/16" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.00	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.34*	
05 05 23 00-0503	EA	5/16" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.25	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.34*	
05 05 23 00-0504	EA	5/16" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.62	
		For >100 To 250, Deduct	*-1.60*	
		For >250 To 500, Deduct	*-2.00*	
		For >500, Deduct	*-2.40*	
05 05 23 00-0505	EA	5/16" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.80	
		For >100 To 250, Deduct	*-1.60*	
		For >250 To 500, Deduct	*-2.00*	
		For >500, Deduct	*-2.40*	
05 05 23 00-0506	EA	5/16" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.15	
		For >100 To 250, Deduct	*-1.60*	
		For >250 To 500, Deduct	*-2.00*	
		For >500, Deduct	*-2.40*	

05 05 23 00-0507 3/8" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

05 05 23 00-0508	EA	3/8" Diameter x 1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.66	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0509	EA	3/8" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.68	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0510	EA	3/8" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.70	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0511	EA	3/8" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.92	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0512	EA	3/8" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.26	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0513	EA	3/8" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.49	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0514	EA	3/8" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.69	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0515	EA	3/8" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.53	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0516	EA	3/8" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.79	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0517	EA	3/8" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.84	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0518	EA	3/8" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.16	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.34*	
05 05 23 00-0519	EA	3/8" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.44	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.34*	
05 05 23 00-0520	EA	3/8" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.71	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.34*	
05 05 23 00-0521	EA	3/8" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.21	
		For >100 To 250, Deduct	*-1.60*	
		For >250 To 500, Deduct	*-2.00*	
		For >500, Deduct	*-2.40*	
05 05 23 00-0522	EA	3/8" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.78	
		For >100 To 250, Deduct	*-1.60*	
		For >250 To 500, Deduct	*-2.00*	
		For >500, Deduct	*-2.40*	
05 05 23 00-0523	EA	3/8" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.11	
		For >100 To 250, Deduct	*-1.60*	
		For >250 To 500, Deduct	*-2.00*	
		For >500, Deduct	*-2.40*	

05 05 23 00-0524 7/16" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

05 05 23 00-0525	EA	7/16" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.89	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-0526	EA	7/16" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.92	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-0527	EA	7/16" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.28	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-0528	EA	7/16" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.52	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.52*	
05 05 23 00-0529	EA	7/16" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.93	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.52*	
05 05 23 00-0530	EA	7/16" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.15	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.52*	
05 05 23 00-0531	EA	7/16" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.39	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0532	EA	7/16" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.28	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0533	EA	7/16" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.98	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0534	EA	7/16" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.65	
		For >100 To 250, Deduct	*-1.76*	
		For >250 To 500, Deduct	*-2.20*	
		For >500, Deduct	*-2.64*	
05 05 23 00-0535	EA	7/16" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.90	
		For >100 To 250, Deduct	*-1.76*	
		For >250 To 500, Deduct	*-2.20*	
		For >500, Deduct	*-2.64*	
05 05 23 00-0536	EA	7/16" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.26	
		For >100 To 250, Deduct	*-1.76*	
		For >250 To 500, Deduct	*-2.20*	
		For >500, Deduct	*-2.64*	
05 05 23 00-0537	EA	7/16" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.02	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0538	EA	7/16" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.19	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0539	EA	7/16" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.28	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	

05 05 23 00-0540 1/2" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

05 05 23 00-0541	EA	1/2" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.13	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-0542	EA	1/2" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.39	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-0543	EA	1/2" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.55	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-0544	EA	1/2" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.93	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.52*	
05 05 23 00-0545	EA	1/2" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.21	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.52*	
05 05 23 00-0546	EA	1/2" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.86	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.52*	
05 05 23 00-0547	EA	1/2" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.51	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0548	EA	1/2" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.89	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0549	EA	1/2" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.16	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0550	EA	1/2" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.83	
		For >100 To 250, Deduct	*-1.76*	
		For >250 To 500, Deduct	*-2.20*	
		For >500, Deduct	*-2.64*	
05 05 23 00-0551	EA	1/2" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.65	
		For >100 To 250, Deduct	*-1.76*	
		For >250 To 500, Deduct	*-2.20*	
		For >500, Deduct	*-2.64*	
05 05 23 00-0552	EA	1/2" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.40	
		For >100 To 250, Deduct	*-1.76*	
		For >250 To 500, Deduct	*-2.20*	
		For >500, Deduct	*-2.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0553	EA	1/2" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.26	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0554	EA	1/2" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.59	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0555	EA	1/2" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	16.53	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0556	EA	1/2" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	18.28	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0557	EA	1/2" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	18.95	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0558	EA	1/2" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	19.30	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0559	EA	1/2" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	20.97	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	

05 05 23 00-0560 9/16" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

05 05 23 00-0561	EA	9/16" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.37	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-0562	EA	9/16" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.52	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-0563	EA	9/16" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.89	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-0564	EA	9/16" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.63	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.52*	
05 05 23 00-0565	EA	9/16" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.76	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.52*	
05 05 23 00-0566	EA	9/16" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.29	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.52*	
05 05 23 00-0567	EA	9/16" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.84	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0568	EA	9/16" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.57	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0569	EA	9/16" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.91	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0570	EA	9/16" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.39	
		For >100 To 250, Deduct	*-1.76*	
		For >250 To 500, Deduct	*-2.20*	
		For >500, Deduct	*-2.64*	
05 05 23 00-0571	EA	9/16" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.14	
		For >100 To 250, Deduct	*-1.76*	
		For >250 To 500, Deduct	*-2.20*	
		For >500, Deduct	*-2.64*	
05 05 23 00-0572	EA	9/16" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	17.97	
		For >100 To 250, Deduct	*-1.76*	
		For >250 To 500, Deduct	*-2.20*	
		For >500, Deduct	*-2.64*	
05 05 23 00-0573	EA	9/16" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	21.51	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0574	EA	9/16" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	25.61	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0575	EA	9/16" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	30.07	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	

05 05 23 00-0576 5/8" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

05 05 23 00-0577	EA	5/8" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.95	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0578	EA	5/8" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.11	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0579	EA	5/8" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.51	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0580	EA	5/8" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.30	
		For >100 To 250, Deduct	*-1.89*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-2.83*	
05 05 23 00-0581	EA	5/8" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.78	
		For >100 To 250, Deduct	*-1.89*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-2.83*	
05 05 23 00-0582	EA	5/8" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.04	
		For >100 To 250, Deduct	*-1.89*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-2.83*	
05 05 23 00-0583	EA	5/8" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.42	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0584	EA	5/8" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.28	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0585	EA	5/8" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.65	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0586	EA	5/8" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.25	
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-2.95*	
05 05 23 00-0587	EA	5/8" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.65	
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-2.95*	
05 05 23 00-0588	EA	5/8" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	16.49	
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-2.95*	
05 05 23 00-0589	EA	5/8" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	18.70	
		For >100 To 250, Deduct	*-2.01*	
		For >250 To 500, Deduct	*-2.51*	
		For >500, Deduct	*-3.01*	
05 05 23 00-0590	EA	5/8" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	19.65	
		For >100 To 250, Deduct	*-2.01*	
		For >250 To 500, Deduct	*-2.51*	
		For >500, Deduct	*-3.01*	
05 05 23 00-0591	EA	5/8" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	20.06	
		For >100 To 250, Deduct	*-2.01*	
		For >250 To 500, Deduct	*-2.51*	
		For >500, Deduct	*-3.01*	
05 05 23 00-0592	EA	5/8" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	21.95	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.56*	
		For >500, Deduct	*-3.07*	
05 05 23 00-0593	EA	5/8" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	23.83	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.56*	
		For >500, Deduct	*-3.07*	
05 05 23 00-0594	EA	5/8" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	23.97	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.56*	
		For >500, Deduct	*-3.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0595	EA	5/8" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	25.72	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.56*	
		For >500, Deduct	*-3.07*	

05 05 23 00-0596 3/4" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

05 05 23 00-0597	EA	3/4" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.85	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0598	EA	3/4" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.02	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0599	EA	3/4" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.13	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0600	EA	3/4" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.59	
		For >100 To 250, Deduct	*-1.89*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-2.83*	
05 05 23 00-0601	EA	3/4" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.94	
		For >100 To 250, Deduct	*-1.89*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-2.83*	
05 05 23 00-0602	EA	3/4" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.96	
		For >100 To 250, Deduct	*-1.89*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-2.83*	
05 05 23 00-0603	EA	3/4" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.59	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0604	EA	3/4" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.68	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0605	EA	3/4" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	16.06	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0606	EA	3/4" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	16.77	
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-2.95*	
05 05 23 00-0607	EA	3/4" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	17.49	
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-2.95*	
05 05 23 00-0608	EA	3/4" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	18.85	
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-2.95*	
05 05 23 00-0609	EA	3/4" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	20.72	
		For >100 To 250, Deduct	*-2.01*	
		For >250 To 500, Deduct	*-2.51*	
		For >500, Deduct	*-3.01*	
05 05 23 00-0610	EA	3/4" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	21.44	
		For >100 To 250, Deduct	*-2.01*	
		For >250 To 500, Deduct	*-2.51*	
		For >500, Deduct	*-3.01*	
05 05 23 00-0611	EA	3/4" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	21.82	
		For >100 To 250, Deduct	*-2.01*	
		For >250 To 500, Deduct	*-2.51*	
		For >500, Deduct	*-3.01*	
05 05 23 00-0612	EA	3/4" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	23.80	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.56*	
		For >500, Deduct	*-3.07*	
05 05 23 00-0613	EA	3/4" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	25.12	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.56*	
		For >500, Deduct	*-3.07*	
05 05 23 00-0614	EA	3/4" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	26.07	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.56*	
		For >500, Deduct	*-3.07*	
05 05 23 00-0615	EA	3/4" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	26.42	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.56*	
		For >500, Deduct	*-3.07*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0616		7/8" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*		
05 05 23 00-0617	EA	7/8" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.33	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.56*	
		For >500, Deduct	*-3.07*	
05 05 23 00-0618	EA	7/8" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.78	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.56*	
		For >500, Deduct	*-3.07*	
05 05 23 00-0619	EA	7/8" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	16.65	
		For >100 To 250, Deduct	*-2.09*	
		For >250 To 500, Deduct	*-2.61*	
		For >500, Deduct	*-3.14*	
05 05 23 00-0620	EA	7/8" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	17.99	
		For >100 To 250, Deduct	*-2.09*	
		For >250 To 500, Deduct	*-2.61*	
		For >500, Deduct	*-3.14*	
05 05 23 00-0621	EA	7/8" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	18.15	
		For >100 To 250, Deduct	*-2.09*	
		For >250 To 500, Deduct	*-2.61*	
		For >500, Deduct	*-3.14*	
05 05 23 00-0622	EA	7/8" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	18.64	
		For >100 To 250, Deduct	*-2.13*	
		For >250 To 500, Deduct	*-2.67*	
		For >500, Deduct	*-3.20*	
05 05 23 00-0623	EA	7/8" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	21.89	
		For >100 To 250, Deduct	*-2.13*	
		For >250 To 500, Deduct	*-2.67*	
		For >500, Deduct	*-3.20*	
05 05 23 00-0624	EA	7/8" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	22.72	
		For >100 To 250, Deduct	*-2.13*	
		For >250 To 500, Deduct	*-2.67*	
		For >500, Deduct	*-3.20*	
05 05 23 00-0625	EA	7/8" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	24.85	
		For >100 To 250, Deduct	*-2.17*	
		For >250 To 500, Deduct	*-2.72*	
		For >500, Deduct	*-3.26*	
05 05 23 00-0626	EA	7/8" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	26.07	
		For >100 To 250, Deduct	*-2.17*	
		For >250 To 500, Deduct	*-2.72*	
		For >500, Deduct	*-3.26*	
05 05 23 00-0627	EA	7/8" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	29.21	
		For >100 To 250, Deduct	*-2.17*	
		For >250 To 500, Deduct	*-2.72*	
		For >500, Deduct	*-3.26*	
05 05 23 00-0628	EA	7/8" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	30.46	
		For >100 To 250, Deduct	*-2.21*	
		For >250 To 500, Deduct	*-2.77*	
		For >500, Deduct	*-3.32*	
05 05 23 00-0629	EA	7/8" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	33.69	
		For >100 To 250, Deduct	*-2.21*	
		For >250 To 500, Deduct	*-2.77*	
		For >500, Deduct	*-3.32*	
05 05 23 00-0630	EA	7/8" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	35.00	
		For >100 To 250, Deduct	*-2.21*	
		For >250 To 500, Deduct	*-2.77*	
		For >500, Deduct	*-3.32*	
05 05 23 00-0631	EA	7/8" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	36.26	
		For >100 To 250, Deduct	*-2.25*	
		For >250 To 500, Deduct	*-2.82*	
		For >500, Deduct	*-3.38*	
05 05 23 00-0632	EA	7/8" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	36.63	
		For >100 To 250, Deduct	*-2.25*	
		For >250 To 500, Deduct	*-2.82*	
		For >500, Deduct	*-3.38*	
05 05 23 00-0633	EA	7/8" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	36.96	
		For >100 To 250, Deduct	*-2.25*	
		For >250 To 500, Deduct	*-2.82*	
		For >500, Deduct	*-3.38*	
05 05 23 00-0634	EA	7/8" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	37.73	
		For >100 To 250, Deduct	*-2.25*	
		For >250 To 500, Deduct	*-2.82*	
		For >500, Deduct	*-3.38*	
05 05 23 00-0635		1" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*		
05 05 23 00-0636	EA	1" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	16.61	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.56*	
		For >500, Deduct	*-3.07*	
05 05 23 00-0637	EA	1" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	17.73	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.56*	
		For >500, Deduct	*-3.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0638	EA	1" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	18.43	
		For >100 To 250, Deduct	*-2.09*	
		For >250 To 500, Deduct	*-2.61*	
		For >500, Deduct	*-3.14*	
05 05 23 00-0639	EA	1" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	19.28	
		For >100 To 250, Deduct	*-2.09*	
		For >250 To 500, Deduct	*-2.61*	
		For >500, Deduct	*-3.14*	
05 05 23 00-0640	EA	1" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	20.85	
		For >100 To 250, Deduct	*-2.09*	
		For >250 To 500, Deduct	*-2.61*	
		For >500, Deduct	*-3.14*	
05 05 23 00-0641	EA	1" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	21.48	
		For >100 To 250, Deduct	*-2.13*	
		For >250 To 500, Deduct	*-2.67*	
		For >500, Deduct	*-3.20*	
05 05 23 00-0642	EA	1" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	22.84	
		For >100 To 250, Deduct	*-2.13*	
		For >250 To 500, Deduct	*-2.67*	
		For >500, Deduct	*-3.20*	
05 05 23 00-0643	EA	1" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	24.65	
		For >100 To 250, Deduct	*-2.13*	
		For >250 To 500, Deduct	*-2.67*	
		For >500, Deduct	*-3.20*	
05 05 23 00-0644	EA	1" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	25.70	
		For >100 To 250, Deduct	*-2.17*	
		For >250 To 500, Deduct	*-2.72*	
		For >500, Deduct	*-3.26*	
05 05 23 00-0645	EA	1" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	26.47	
		For >100 To 250, Deduct	*-2.17*	
		For >250 To 500, Deduct	*-2.72*	
		For >500, Deduct	*-3.26*	
05 05 23 00-0646	EA	1" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	30.26	
		For >100 To 250, Deduct	*-2.17*	
		For >250 To 500, Deduct	*-2.72*	
		For >500, Deduct	*-3.26*	
05 05 23 00-0647	EA	1" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	31.04	
		For >100 To 250, Deduct	*-2.21*	
		For >250 To 500, Deduct	*-2.77*	
		For >500, Deduct	*-3.32*	
05 05 23 00-0648	EA	1" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	35.32	
		For >100 To 250, Deduct	*-2.21*	
		For >250 To 500, Deduct	*-2.77*	
		For >500, Deduct	*-3.32*	
05 05 23 00-0649	EA	1" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	36.06	
		For >100 To 250, Deduct	*-2.21*	
		For >250 To 500, Deduct	*-2.77*	
		For >500, Deduct	*-3.32*	
05 05 23 00-0650	EA	1" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	38.55	
		For >100 To 250, Deduct	*-2.25*	
		For >250 To 500, Deduct	*-2.82*	
		For >500, Deduct	*-3.38*	
05 05 23 00-0651	EA	1" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	39.79	
		For >100 To 250, Deduct	*-2.25*	
		For >250 To 500, Deduct	*-2.82*	
		For >500, Deduct	*-3.38*	
05 05 23 00-0652	EA	1" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	43.05	
		For >100 To 250, Deduct	*-2.25*	
		For >250 To 500, Deduct	*-2.82*	
		For >500, Deduct	*-3.38*	
05 05 23 00-0653	EA	1" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	45.04	
		For >100 To 250, Deduct	*-2.25*	
		For >250 To 500, Deduct	*-2.82*	
		For >500, Deduct	*-3.38*	

05 05 23 00-0654 Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0097)*

05 05 23 00-0655 1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*

05 05 23 00-0656	EA	1/4" Diameter x 1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.50	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0657	EA	1/4" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.52	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0658	EA	1/4" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.54	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0659	EA	1/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.77	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0660	EA	1/4" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.09	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0661	EA	1/4" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.22	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0662	EA	1/4" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.28	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0663	EA	1/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.49	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0664	EA	1/4" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.66	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0665	EA	1/4" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.70	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0666	EA	1/4" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.02	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.34*	
05 05 23 00-0667	EA	1/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.16	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.34*	
05 05 23 00-0668	EA	1/4" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.21	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.34*	
05 05 23 00-0669	EA	1/4" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.54	
		For >100 To 250, Deduct	*-1.60*	
		For >250 To 500, Deduct	*-2.00*	
		For >500, Deduct	*-2.40*	
05 05 23 00-0670	EA	1/4" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.93	
		For >100 To 250, Deduct	*-1.60*	
		For >250 To 500, Deduct	*-2.00*	
		For >500, Deduct	*-2.40*	
05 05 23 00-0671	EA	1/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.42	
		For >100 To 250, Deduct	*-1.60*	
		For >250 To 500, Deduct	*-2.00*	
		For >500, Deduct	*-2.40*	

05 05 23 00-0672 5/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*

05 05 23 00-0673	EA	5/16" Diameter x 1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.40	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0674	EA	5/16" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.85	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0675	EA	5/16" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.88	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0676	EA	5/16" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.90	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0677	EA	5/16" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.30	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0678	EA	5/16" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.73	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0679	EA	5/16" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.80	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0680	EA	5/16" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.12	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0681	EA	5/16" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.16	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0682	EA	5/16" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.50	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0683	EA	5/16" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.80	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.34*	
05 05 23 00-0684	EA	5/16" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.93	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.34*	
05 05 23 00-0685	EA	5/16" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.25	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.34*	
05 05 23 00-0686	EA	5/16" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.10	
		For >100 To 250, Deduct	*-1.60*	
		For >250 To 500, Deduct	*-2.00*	
		For >500, Deduct	*-2.40*	
05 05 23 00-0687	EA	5/16" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.61	
		For >100 To 250, Deduct	*-1.60*	
		For >250 To 500, Deduct	*-2.00*	
		For >500, Deduct	*-2.40*	
05 05 23 00-0688	EA	5/16" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.09	
		For >100 To 250, Deduct	*-1.60*	
		For >250 To 500, Deduct	*-2.00*	
		For >500, Deduct	*-2.40*	

05 05 23 00-0689 3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*

05 05 23 00-0690	EA	3/8" Diameter x 1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.53	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0691	EA	3/8" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.64	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0692	EA	3/8" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.75	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0693	EA	3/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.02	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0694	EA	3/8" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.34	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0695	EA	3/8" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.57	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0696	EA	3/8" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.73	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0697	EA	3/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.15	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0698	EA	3/8" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.26	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0699	EA	3/8" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.53	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0700	EA	3/8" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.86	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0701	EA	3/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.24	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.34*	
05 05 23 00-0702	EA	3/8" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.30	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.34*	
05 05 23 00-0703	EA	3/8" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.53	
		For >100 To 250, Deduct	*-1.60*	
		For >250 To 500, Deduct	*-2.00*	
		For >500, Deduct	*-2.40*	
05 05 23 00-0704	EA	3/8" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.57	
		For >100 To 250, Deduct	*-1.60*	
		For >250 To 500, Deduct	*-2.00*	
		For >500, Deduct	*-2.40*	
05 05 23 00-0705	EA	3/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.01	
		For >100 To 250, Deduct	*-1.60*	
		For >250 To 500, Deduct	*-2.00*	
		For >500, Deduct	*-2.40*	
05 05 23 00-0706		7/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*		
05 05 23 00-0707	EA	7/16" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.22	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-0708	EA	7/16" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.70	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-0709	EA	7/16" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.08	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-0710	EA	7/16" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.92	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.52*	
05 05 23 00-0711	EA	7/16" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.95	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.52*	
05 05 23 00-0712	EA	7/16" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.99	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.52*	
05 05 23 00-0713	EA	7/16" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.50	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0714	EA	7/16" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.85	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0715	EA	7/16" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.16	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0716	EA	7/16" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.72	
		For >100 To 250, Deduct	*-1.76*	
		For >250 To 500, Deduct	*-2.20*	
		For >500, Deduct	*-2.64*	
05 05 23 00-0717	EA	7/16" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.08	
		For >100 To 250, Deduct	*-1.76*	
		For >250 To 500, Deduct	*-2.20*	
		For >500, Deduct	*-2.64*	
05 05 23 00-0718		1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*		
05 05 23 00-0719	EA	1/2" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.00	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-0720	EA	1/2" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.16	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-0721	EA	1/2" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.48	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0722	EA	1/2" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.06	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.52*	
05 05 23 00-0723	EA	1/2" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.30	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.52*	
05 05 23 00-0724	EA	1/2" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.76	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.52*	
05 05 23 00-0725	EA	1/2" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.03	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0726	EA	1/2" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.20	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0727	EA	1/2" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.56	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0728	EA	1/2" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.94	
		For >100 To 250, Deduct	*-1.76*	
		For >250 To 500, Deduct	*-2.20*	
		For >500, Deduct	*-2.64*	
05 05 23 00-0729	EA	1/2" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.34	
		For >100 To 250, Deduct	*-1.76*	
		For >250 To 500, Deduct	*-2.20*	
		For >500, Deduct	*-2.64*	
05 05 23 00-0730	EA	1/2" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.38	
		For >100 To 250, Deduct	*-1.76*	
		For >250 To 500, Deduct	*-2.20*	
		For >500, Deduct	*-2.64*	
05 05 23 00-0731	EA	1/2" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.67	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0732	EA	1/2" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.77	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0733	EA	1/2" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.08	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0734	EA	1/2" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	14.73	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0735	EA	1/2" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	14.98	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0736	EA	1/2" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	15.03	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0737	EA	1/2" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	15.17	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	

05 05 23 00-0738 5/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*

05 05 23 00-0739	EA	5/8" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.60	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0740	EA	5/8" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.85	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0741	EA	5/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.02	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0742	EA	5/8" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.50	
		For >100 To 250, Deduct	*-1.89*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-2.83*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0743	EA	5/8" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.86	
		For >100 To 250, Deduct	*-1.89*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-2.83*	
05 05 23 00-0744	EA	5/8" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.67	
		For >100 To 250, Deduct	*-1.89*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-2.83*	
05 05 23 00-0745	EA	5/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.99	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0746	EA	5/8" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.14	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0747	EA	5/8" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.38	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0748	EA	5/8" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.91	
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-2.95*	
05 05 23 00-0749	EA	5/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	14.19	
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-2.95*	
05 05 23 00-0750	EA	5/8" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	15.02	
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-2.95*	
05 05 23 00-0751	EA	5/8" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	15.28	
		For >100 To 250, Deduct	*-2.01*	
		For >250 To 500, Deduct	*-2.51*	
		For >500, Deduct	*-3.01*	
05 05 23 00-0752	EA	5/8" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	16.73	
		For >100 To 250, Deduct	*-2.01*	
		For >250 To 500, Deduct	*-2.51*	
		For >500, Deduct	*-3.01*	
05 05 23 00-0753	EA	5/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	17.16	
		For >100 To 250, Deduct	*-2.01*	
		For >250 To 500, Deduct	*-2.51*	
		For >500, Deduct	*-3.01*	
05 05 23 00-0754	EA	5/8" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	17.97	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.56*	
		For >500, Deduct	*-3.07*	
05 05 23 00-0755	EA	5/8" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	18.65	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.56*	
		For >500, Deduct	*-3.07*	
05 05 23 00-0756	EA	5/8" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	20.22	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.56*	
		For >500, Deduct	*-3.07*	
05 05 23 00-0757	EA	5/8" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	20.33	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.56*	
		For >500, Deduct	*-3.07*	

05 05 23 00-0758 3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*

05 05 23 00-0759	EA	3/4" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.78	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0760	EA	3/4" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.83	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0761	EA	3/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.13	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0762	EA	3/4" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.01	
		For >100 To 250, Deduct	*-1.89*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-2.83*	
05 05 23 00-0763	EA	3/4" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	14.14	
		For >100 To 250, Deduct	*-1.89*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-2.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0764	EA	3/4" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	14.87	
		For >100 To 250, Deduct	*-1.89*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-2.83*	
05 05 23 00-0765	EA	3/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	15.45	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0766	EA	3/4" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	15.52	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0767	EA	3/4" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	15.67	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0768	EA	3/4" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	15.98	
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-2.95*	
05 05 23 00-0769	EA	3/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	16.93	
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-2.95*	
05 05 23 00-0770	EA	3/4" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	17.34	
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-2.95*	
05 05 23 00-0771	EA	3/4" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	18.32	
		For >100 To 250, Deduct	*-2.01*	
		For >250 To 500, Deduct	*-2.51*	
		For >500, Deduct	*-3.01*	
05 05 23 00-0772	EA	3/4" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	18.45	
		For >100 To 250, Deduct	*-2.01*	
		For >250 To 500, Deduct	*-2.51*	
		For >500, Deduct	*-3.01*	
05 05 23 00-0773	EA	3/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	18.84	
		For >100 To 250, Deduct	*-2.01*	
		For >250 To 500, Deduct	*-2.51*	
		For >500, Deduct	*-3.01*	
05 05 23 00-0774	EA	3/4" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	19.62	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.56*	
		For >500, Deduct	*-3.07*	
05 05 23 00-0775	EA	3/4" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	20.04	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.56*	
		For >500, Deduct	*-3.07*	
05 05 23 00-0776	EA	3/4" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	20.27	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.56*	
		For >500, Deduct	*-3.07*	
05 05 23 00-0777	EA	3/4" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	20.39	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.56*	
		For >500, Deduct	*-3.07*	

05 05 23 00-0778 7/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*

05 05 23 00-0779	EA	7/8" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	15.14	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.56*	
		For >500, Deduct	*-3.07*	
05 05 23 00-0780	EA	7/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	15.61	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.56*	
		For >500, Deduct	*-3.07*	
05 05 23 00-0781	EA	7/8" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	16.08	
		For >100 To 250, Deduct	*-2.09*	
		For >250 To 500, Deduct	*-2.61*	
		For >500, Deduct	*-3.14*	
05 05 23 00-0782	EA	7/8" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	18.50	
		For >100 To 250, Deduct	*-2.09*	
		For >250 To 500, Deduct	*-2.61*	
		For >500, Deduct	*-3.14*	
05 05 23 00-0783	EA	7/8" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	18.86	
		For >100 To 250, Deduct	*-2.09*	
		For >250 To 500, Deduct	*-2.61*	
		For >500, Deduct	*-3.14*	
05 05 23 00-0784	EA	7/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	19.54	
		For >100 To 250, Deduct	*-2.13*	
		For >250 To 500, Deduct	*-2.67*	
		For >500, Deduct	*-3.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0785	EA	7/8" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	20.04	
		For >100 To 250, Deduct	*-2.13*	
		For >250 To 500, Deduct	*-2.67*	
		For >500, Deduct	*-3.20*	
05 05 23 00-0786	EA	7/8" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	20.69	
		For >100 To 250, Deduct	*-2.13*	
		For >250 To 500, Deduct	*-2.67*	
		For >500, Deduct	*-3.20*	
05 05 23 00-0787	EA	7/8" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	21.34	
		For >100 To 250, Deduct	*-2.17*	
		For >250 To 500, Deduct	*-2.72*	
		For >500, Deduct	*-3.26*	
05 05 23 00-0788	EA	7/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	21.85	
		For >100 To 250, Deduct	*-2.17*	
		For >250 To 500, Deduct	*-2.72*	
		For >500, Deduct	*-3.26*	
05 05 23 00-0789	EA	7/8" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	25.85	
		For >100 To 250, Deduct	*-2.17*	
		For >250 To 500, Deduct	*-2.72*	
		For >500, Deduct	*-3.26*	
05 05 23 00-0790	EA	7/8" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	26.60	
		For >100 To 250, Deduct	*-2.21*	
		For >250 To 500, Deduct	*-2.77*	
		For >500, Deduct	*-3.32*	
05 05 23 00-0791	EA	7/8" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	27.53	
		For >100 To 250, Deduct	*-2.21*	
		For >250 To 500, Deduct	*-2.77*	
		For >500, Deduct	*-3.32*	
05 05 23 00-0792	EA	7/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	27.75	
		For >100 To 250, Deduct	*-2.21*	
		For >250 To 500, Deduct	*-2.77*	
		For >500, Deduct	*-3.32*	
05 05 23 00-0793	EA	7/8" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	28.22	
		For >100 To 250, Deduct	*-2.25*	
		For >250 To 500, Deduct	*-2.82*	
		For >500, Deduct	*-3.38*	
05 05 23 00-0794	EA	7/8" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	28.74	
		For >100 To 250, Deduct	*-2.25*	
		For >250 To 500, Deduct	*-2.82*	
		For >500, Deduct	*-3.38*	
05 05 23 00-0795	EA	7/8" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	29.39	
		For >100 To 250, Deduct	*-2.25*	
		For >250 To 500, Deduct	*-2.82*	
		For >500, Deduct	*-3.38*	
05 05 23 00-0796	EA	7/8" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	29.99	
		For >100 To 250, Deduct	*-2.25*	
		For >250 To 500, Deduct	*-2.82*	
		For >500, Deduct	*-3.38*	

05 05 23 00-0797 1" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*

05 05 23 00-0798	EA	1" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	18.39	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.56*	
		For >500, Deduct	*-3.07*	
05 05 23 00-0799	EA	1" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	18.74	
		For >100 To 250, Deduct	*-2.09*	
		For >250 To 500, Deduct	*-2.61*	
		For >500, Deduct	*-3.14*	
05 05 23 00-0800	EA	1" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	19.61	
		For >100 To 250, Deduct	*-2.09*	
		For >250 To 500, Deduct	*-2.61*	
		For >500, Deduct	*-3.14*	
05 05 23 00-0801	EA	1" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	20.30	
		For >100 To 250, Deduct	*-2.09*	
		For >250 To 500, Deduct	*-2.61*	
		For >500, Deduct	*-3.14*	
05 05 23 00-0802	EA	1" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	22.07	
		For >100 To 250, Deduct	*-2.13*	
		For >250 To 500, Deduct	*-2.67*	
		For >500, Deduct	*-3.20*	
05 05 23 00-0803	EA	1" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	22.42	
		For >100 To 250, Deduct	*-2.13*	
		For >250 To 500, Deduct	*-2.67*	
		For >500, Deduct	*-3.20*	
05 05 23 00-0804	EA	1" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	23.43	
		For >100 To 250, Deduct	*-2.13*	
		For >250 To 500, Deduct	*-2.67*	
		For >500, Deduct	*-3.20*	
05 05 23 00-0805	EA	1" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	23.74	
		For >100 To 250, Deduct	*-2.17*	
		For >250 To 500, Deduct	*-2.72*	
		For >500, Deduct	*-3.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0806	EA	1" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	24.11	
		For >100 To 250, Deduct	*-2.17*	
		For >250 To 500, Deduct	*-2.72*	
		For >500, Deduct	*-3.26*	
05 05 23 00-0807	EA	1" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	27.54	
		For >100 To 250, Deduct	*-2.17*	
		For >250 To 500, Deduct	*-2.72*	
		For >500, Deduct	*-3.26*	
05 05 23 00-0808	EA	1" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	28.39	
		For >100 To 250, Deduct	*-2.21*	
		For >250 To 500, Deduct	*-2.77*	
		For >500, Deduct	*-3.32*	
05 05 23 00-0809	EA	1" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	29.82	
		For >100 To 250, Deduct	*-2.21*	
		For >250 To 500, Deduct	*-2.77*	
		For >500, Deduct	*-3.32*	
05 05 23 00-0810	EA	1" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	31.25	
		For >100 To 250, Deduct	*-2.21*	
		For >250 To 500, Deduct	*-2.77*	
		For >500, Deduct	*-3.32*	
05 05 23 00-0811	EA	1" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	31.88	
		For >100 To 250, Deduct	*-2.25*	
		For >250 To 500, Deduct	*-2.82*	
		For >500, Deduct	*-3.38*	
05 05 23 00-0812	EA	1" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	33.04	
		For >100 To 250, Deduct	*-2.25*	
		For >250 To 500, Deduct	*-2.82*	
		For >500, Deduct	*-3.38*	
05 05 23 00-0813	EA	1" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	33.92	
		For >100 To 250, Deduct	*-2.25*	
		For >250 To 500, Deduct	*-2.82*	
		For >500, Deduct	*-3.38*	
05 05 23 00-0814	EA	1" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	35.21	
		For >100 To 250, Deduct	*-2.25*	
		For >250 To 500, Deduct	*-2.82*	
		For >500, Deduct	*-3.38*	

05 05 23 00-0815 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0097)*

05 05 23 00-0816 1/4" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

05 05 23 00-0817	EA	1/4" Diameter x 1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.46	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0818	EA	1/4" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.57	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0819	EA	1/4" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.70	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0820	EA	1/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.84	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0821	EA	1/4" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.19	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0822	EA	1/4" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.41	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0823	EA	1/4" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.67	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0824	EA	1/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.05	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0825	EA	1/4" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.37	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0826	EA	1/4" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.66	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0827	EA	1/4" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.11	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.34*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0828	EA	1/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.58	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.34*	
05 05 23 00-0829	EA	1/4" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	16.31	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.34*	
05 05 23 00-0830	EA	1/4" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	19.30	
		For >100 To 250, Deduct	*-1.60*	
		For >250 To 500, Deduct	*-2.00*	
		For >500, Deduct	*-2.40*	
05 05 23 00-0831	EA	1/4" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	19.57	
		For >100 To 250, Deduct	*-1.60*	
		For >250 To 500, Deduct	*-2.00*	
		For >500, Deduct	*-2.40*	
05 05 23 00-0832	EA	1/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	20.22	
		For >100 To 250, Deduct	*-1.60*	
		For >250 To 500, Deduct	*-2.00*	
		For >500, Deduct	*-2.40*	

05 05 23 00-0833 5/16" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0834	EA	5/16" Diameter x 1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.65	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0835	EA	5/16" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.75	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0836	EA	5/16" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.96	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0837	EA	5/16" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.12	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0838	EA	5/16" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.62	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0839	EA	5/16" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.73	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0840	EA	5/16" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.26	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0841	EA	5/16" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.84	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0842	EA	5/16" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.43	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0843	EA	5/16" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.73	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0844	EA	5/16" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.86	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.34*	
05 05 23 00-0845	EA	5/16" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.35	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.34*	
05 05 23 00-0846	EA	5/16" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	16.76	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.34*	
05 05 23 00-0847	EA	5/16" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	22.47	
		For >100 To 250, Deduct	*-1.60*	
		For >250 To 500, Deduct	*-2.00*	
		For >500, Deduct	*-2.40*	

05 05 23 00-0848 3/8" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0849	EA	3/8" Diameter x 1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.91	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0850	EA	3/8" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.03	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0851	EA	3/8" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.36	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0852	EA	3/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.76	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0853	EA	3/8" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.17	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0854	EA	3/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.50	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0855	EA	3/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.94	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0856	EA	3/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.52	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0857	EA	3/8" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.03	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0858	EA	3/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.15	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0859	EA	3/8" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.50	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.34*	
05 05 23 00-0860	EA	3/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.42	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.34*	
05 05 23 00-0861	EA	3/8" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	15.40	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.34*	
05 05 23 00-0862	EA	3/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	16.06	
		For >100 To 250, Deduct	*-1.60*	
		For >250 To 500, Deduct	*-2.00*	
		For >500, Deduct	*-2.40*	
05 05 23 00-0863	EA	3/8" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	16.34	
		For >100 To 250, Deduct	*-1.60*	
		For >250 To 500, Deduct	*-2.00*	
		For >500, Deduct	*-2.40*	
05 05 23 00-0864	EA	3/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	18.32	
		For >100 To 250, Deduct	*-1.60*	
		For >250 To 500, Deduct	*-2.00*	
		For >500, Deduct	*-2.40*	

05 05 23 00-0865 7/16" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

05 05 23 00-0866	EA	7/16" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.97	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-0867	EA	7/16" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.10	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-0868	EA	7/16" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.63	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-0869	EA	7/16" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.15	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.52*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0870	EA	7/16" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.78	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.52*	
05 05 23 00-0871	EA	7/16" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.82	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.52*	
05 05 23 00-0872	EA	7/16" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.50	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0873	EA	7/16" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	14.73	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0874	EA	7/16" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	15.27	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0875	EA	7/16" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	17.15	
		For >100 To 250, Deduct	*-1.76*	
		For >250 To 500, Deduct	*-2.20*	
		For >500, Deduct	*-2.64*	
05 05 23 00-0876	EA	7/16" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	19.02	
		For >100 To 250, Deduct	*-1.76*	
		For >250 To 500, Deduct	*-2.20*	
		For >500, Deduct	*-2.64*	
05 05 23 00-0877	EA	7/16" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	19.27	
		For >100 To 250, Deduct	*-1.76*	
		For >250 To 500, Deduct	*-2.20*	
		For >500, Deduct	*-2.64*	
05 05 23 00-0878	EA	7/16" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	19.71	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	

05 05 23 00-0879 1/2" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

05 05 23 00-0880	EA	1/2" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.95	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-0881	EA	1/2" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.10	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-0882	EA	1/2" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.93	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-0883	EA	1/2" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.46	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.52*	
05 05 23 00-0884	EA	1/2" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.21	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.52*	
05 05 23 00-0885	EA	1/2" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.61	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.52*	
05 05 23 00-0886	EA	1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.31	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0887	EA	1/2" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.67	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0888	EA	1/2" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	15.62	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0889	EA	1/2" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	16.37	
		For >100 To 250, Deduct	*-1.76*	
		For >250 To 500, Deduct	*-2.20*	
		For >500, Deduct	*-2.64*	
05 05 23 00-0890	EA	1/2" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	17.25	
		For >100 To 250, Deduct	*-1.76*	
		For >250 To 500, Deduct	*-2.20*	
		For >500, Deduct	*-2.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0891	EA	1/2" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	18.26	
		For >100 To 250, Deduct	*-1.76*	
		For >250 To 500, Deduct	*-2.20*	
		For >500, Deduct	*-2.64*	
05 05 23 00-0892	EA	1/2" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	19.95	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0893	EA	1/2" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	20.54	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0894	EA	1/2" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	21.48	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0895	EA	1/2" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	26.29	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0896	EA	1/2" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt	26.66	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0897	EA	1/2" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	29.26	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0898	EA	1/2" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt	31.85	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	

05 05 23 00-0899 9/16" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

05 05 23 00-0900	EA	9/16" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	14.26	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-0901	EA	9/16" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	15.96	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-0902	EA	9/16" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	18.95	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-0903	EA	9/16" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	19.76	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.52*	
05 05 23 00-0904	EA	9/16" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	20.82	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.52*	
05 05 23 00-0905	EA	9/16" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	22.67	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.52*	
05 05 23 00-0906	EA	9/16" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	25.59	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0907	EA	9/16" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	26.01	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0908	EA	9/16" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	29.93	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0909	EA	9/16" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	31.98	
		For >100 To 250, Deduct	*-1.76*	
		For >250 To 500, Deduct	*-2.20*	
		For >500, Deduct	*-2.64*	
05 05 23 00-0910	EA	9/16" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	34.07	
		For >100 To 250, Deduct	*-1.76*	
		For >250 To 500, Deduct	*-2.20*	
		For >500, Deduct	*-2.64*	

05 05 23 00-0911 5/8" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0912	EA	5/8" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.43	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0913	EA	5/8" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.82	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0914	EA	5/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	14.45	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0915	EA	5/8" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	14.93	
		For >100 To 250, Deduct	*-1.89*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-2.83*	
05 05 23 00-0916	EA	5/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	15.71	
		For >100 To 250, Deduct	*-1.89*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-2.83*	
05 05 23 00-0917	EA	5/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	16.81	
		For >100 To 250, Deduct	*-1.89*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-2.83*	
05 05 23 00-0918	EA	5/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	18.40	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0919	EA	5/8" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	18.42	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0920	EA	5/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	19.66	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0921	EA	5/8" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	20.56	
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-2.95*	
05 05 23 00-0922	EA	5/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	21.68	
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-2.95*	
05 05 23 00-0923	EA	5/8" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	25.78	
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-2.95*	
05 05 23 00-0924	EA	5/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	28.23	
		For >100 To 250, Deduct	*-2.01*	
		For >250 To 500, Deduct	*-2.51*	
		For >500, Deduct	*-3.01*	
05 05 23 00-0925	EA	5/8" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	30.08	
		For >100 To 250, Deduct	*-2.01*	
		For >250 To 500, Deduct	*-2.51*	
		For >500, Deduct	*-3.01*	
05 05 23 00-0926	EA	5/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	30.92	
		For >100 To 250, Deduct	*-2.01*	
		For >250 To 500, Deduct	*-2.51*	
		For >500, Deduct	*-3.01*	
05 05 23 00-0927	EA	5/8" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	34.54	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.56*	
		For >500, Deduct	*-3.07*	
05 05 23 00-0928	EA	5/8" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt	35.63	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.56*	
		For >500, Deduct	*-3.07*	
05 05 23 00-0929	EA	5/8" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	40.51	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.56*	
		For >500, Deduct	*-3.07*	
05 05 23 00-0930	EA	5/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt	42.51	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.56*	
		For >500, Deduct	*-3.07*	

05 05 23 00-0931 3/4" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

05 05 23 00-0932	EA	3/4" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	14.21	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0933	EA	3/4" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	14.97	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0934	EA	3/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	15.98	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0935	EA	3/4" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	17.28	
		For >100 To 250, Deduct	*-1.89*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-2.83*	
05 05 23 00-0936	EA	3/4" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	18.38	
		For >100 To 250, Deduct	*-1.89*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-2.83*	
05 05 23 00-0937	EA	3/4" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	20.25	
		For >100 To 250, Deduct	*-1.89*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-2.83*	
05 05 23 00-0938	EA	3/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	21.56	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0939	EA	3/4" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	23.29	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0940	EA	3/4" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	24.68	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0941	EA	3/4" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	26.32	
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-2.95*	
05 05 23 00-0942	EA	3/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	27.93	
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-2.95*	
05 05 23 00-0943	EA	3/4" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	30.96	
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-2.95*	
05 05 23 00-0944	EA	3/4" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	39.23	
		For >100 To 250, Deduct	*-2.01*	
		For >250 To 500, Deduct	*-2.51*	
		For >500, Deduct	*-3.01*	
05 05 23 00-0945	EA	3/4" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	41.80	
		For >100 To 250, Deduct	*-2.01*	
		For >250 To 500, Deduct	*-2.51*	
		For >500, Deduct	*-3.01*	
05 05 23 00-0946	EA	3/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	47.30	
		For >100 To 250, Deduct	*-2.01*	
		For >250 To 500, Deduct	*-2.51*	
		For >500, Deduct	*-3.01*	
05 05 23 00-0947	EA	3/4" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	47.75	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.56*	
		For >500, Deduct	*-3.07*	
05 05 23 00-0948	EA	3/4" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt	48.62	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.56*	
		For >500, Deduct	*-3.07*	
05 05 23 00-0949	EA	3/4" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	50.97	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.56*	
		For >500, Deduct	*-3.07*	
05 05 23 00-0950	EA	3/4" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt	52.78	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.56*	
		For >500, Deduct	*-3.07*	

05 05 23 00-0951 7/8" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

05 05 23 00-0952	EA	7/8" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	20.01	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.56*	
		For >500, Deduct	*-3.07*	
05 05 23 00-0953	EA	7/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	21.91	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.56*	
		For >500, Deduct	*-3.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0954	EA	7/8" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	23.57	
		For >100 To 250, Deduct	*-2.09*	
		For >250 To 500, Deduct	*-2.61*	
		For >500, Deduct	*-3.14*	
05 05 23 00-0955	EA	7/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	25.50	
		For >100 To 250, Deduct	*-2.09*	
		For >250 To 500, Deduct	*-2.61*	
		For >500, Deduct	*-3.14*	
05 05 23 00-0956	EA	7/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	26.13	
		For >100 To 250, Deduct	*-2.09*	
		For >250 To 500, Deduct	*-2.61*	
		For >500, Deduct	*-3.14*	
05 05 23 00-0957	EA	7/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	27.92	
		For >100 To 250, Deduct	*-2.13*	
		For >250 To 500, Deduct	*-2.67*	
		For >500, Deduct	*-3.20*	
05 05 23 00-0958	EA	7/8" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	28.54	
		For >100 To 250, Deduct	*-2.13*	
		For >250 To 500, Deduct	*-2.67*	
		For >500, Deduct	*-3.20*	
05 05 23 00-0959	EA	7/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	32.74	
		For >100 To 250, Deduct	*-2.13*	
		For >250 To 500, Deduct	*-2.67*	
		For >500, Deduct	*-3.20*	
05 05 23 00-0960	EA	7/8" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	33.56	
		For >100 To 250, Deduct	*-2.17*	
		For >250 To 500, Deduct	*-2.72*	
		For >500, Deduct	*-3.26*	
05 05 23 00-0961	EA	7/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	35.18	
		For >100 To 250, Deduct	*-2.17*	
		For >250 To 500, Deduct	*-2.72*	
		For >500, Deduct	*-3.26*	
05 05 23 00-0962	EA	7/8" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	44.07	
		For >100 To 250, Deduct	*-2.17*	
		For >250 To 500, Deduct	*-2.72*	
		For >500, Deduct	*-3.26*	
05 05 23 00-0963	EA	7/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	47.68	
		For >100 To 250, Deduct	*-2.21*	
		For >250 To 500, Deduct	*-2.77*	
		For >500, Deduct	*-3.32*	
05 05 23 00-0964	EA	7/8" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	51.67	
		For >100 To 250, Deduct	*-2.21*	
		For >250 To 500, Deduct	*-2.77*	
		For >500, Deduct	*-3.32*	
05 05 23 00-0965	EA	7/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	54.88	
		For >100 To 250, Deduct	*-2.21*	
		For >250 To 500, Deduct	*-2.77*	
		For >500, Deduct	*-3.32*	
05 05 23 00-0966	EA	7/8" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	64.85	
		For >100 To 250, Deduct	*-2.25*	
		For >250 To 500, Deduct	*-2.82*	
		For >500, Deduct	*-3.38*	
05 05 23 00-0967	EA	7/8" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt	72.67	
		For >100 To 250, Deduct	*-2.25*	
		For >250 To 500, Deduct	*-2.82*	
		For >500, Deduct	*-3.38*	
05 05 23 00-0968	EA	7/8" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	76.29	
		For >100 To 250, Deduct	*-2.25*	
		For >250 To 500, Deduct	*-2.82*	
		For >500, Deduct	*-3.38*	
05 05 23 00-0969	EA	7/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt	79.89	
		For >100 To 250, Deduct	*-2.25*	
		For >250 To 500, Deduct	*-2.82*	
		For >500, Deduct	*-3.38*	

05 05 23 00-0970 1" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

05 05 23 00-0971	EA	1" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	24.62	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.56*	
		For >500, Deduct	*-3.07*	
05 05 23 00-0972	EA	1" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	26.01	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.56*	
		For >500, Deduct	*-3.07*	
05 05 23 00-0973	EA	1" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	28.28	
		For >100 To 250, Deduct	*-2.09*	
		For >250 To 500, Deduct	*-2.61*	
		For >500, Deduct	*-3.14*	
05 05 23 00-0974	EA	1" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	30.03	
		For >100 To 250, Deduct	*-2.09*	
		For >250 To 500, Deduct	*-2.61*	
		For >500, Deduct	*-3.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0975	EA	1" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	32.90	
		For >100 To 250, Deduct	*-2.09*	
		For >250 To 500, Deduct	*-2.61*	
		For >500, Deduct	*-3.14*	
05 05 23 00-0976	EA	1" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	36.34	
		For >100 To 250, Deduct	*-2.13*	
		For >250 To 500, Deduct	*-2.67*	
		For >500, Deduct	*-3.20*	
05 05 23 00-0977	EA	1" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	38.34	
		For >100 To 250, Deduct	*-2.13*	
		For >250 To 500, Deduct	*-2.67*	
		For >500, Deduct	*-3.20*	
05 05 23 00-0978	EA	1" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	41.30	
		For >100 To 250, Deduct	*-2.13*	
		For >250 To 500, Deduct	*-2.67*	
		For >500, Deduct	*-3.20*	
05 05 23 00-0979	EA	1" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	44.28	
		For >100 To 250, Deduct	*-2.17*	
		For >250 To 500, Deduct	*-2.72*	
		For >500, Deduct	*-3.26*	
05 05 23 00-0980	EA	1" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	44.44	
		For >100 To 250, Deduct	*-2.17*	
		For >250 To 500, Deduct	*-2.72*	
		For >500, Deduct	*-3.26*	
05 05 23 00-0981	EA	1" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	52.38	
		For >100 To 250, Deduct	*-2.17*	
		For >250 To 500, Deduct	*-2.72*	
		For >500, Deduct	*-3.26*	
05 05 23 00-0982	EA	1" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	62.62	
		For >100 To 250, Deduct	*-2.21*	
		For >250 To 500, Deduct	*-2.77*	
		For >500, Deduct	*-3.32*	
05 05 23 00-0983	EA	1" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	64.12	
		For >100 To 250, Deduct	*-2.21*	
		For >250 To 500, Deduct	*-2.77*	
		For >500, Deduct	*-3.32*	
05 05 23 00-0984	EA	1" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	65.61	
		For >100 To 250, Deduct	*-2.21*	
		For >250 To 500, Deduct	*-2.77*	
		For >500, Deduct	*-3.32*	
05 05 23 00-0985	EA	1" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	68.81	
		For >100 To 250, Deduct	*-2.25*	
		For >250 To 500, Deduct	*-2.82*	
		For >500, Deduct	*-3.38*	
05 05 23 00-0986	EA	1" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt	73.40	
		For >100 To 250, Deduct	*-2.25*	
		For >250 To 500, Deduct	*-2.82*	
		For >500, Deduct	*-3.38*	
05 05 23 00-0987	EA	1" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	94.22	
		For >100 To 250, Deduct	*-2.25*	
		For >250 To 500, Deduct	*-2.82*	
		For >500, Deduct	*-3.38*	
05 05 23 00-0988	EA	1" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt	118.48	
		For >100 To 250, Deduct	*-2.25*	
		For >250 To 500, Deduct	*-2.82*	
		For >500, Deduct	*-3.38*	

05 05 23 00-0989 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0097)*

05 05 23 00-0990 1/4" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*

05 05 23 00-0991	EA	1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	7.66	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0992	EA	1" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	7.88	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0993	EA	1-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	8.04	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0994	EA	2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	8.15	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0995	EA	2-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	8.66	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0996	EA	3" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	8.95	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0997	EA	3-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	9.23	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0998	EA	4" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	9.66	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0999	EA	4-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	9.90	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.27*	
05 05 23 00-1000	EA	5" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	10.00	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.27*	
05 05 23 00-1001	EA	5-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	10.94	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.34*	
05 05 23 00-1002	EA	6" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	11.14	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.34*	
05 05 23 00-1003	EA	6-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	18.43	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.34*	
05 05 23 00-1004	EA	7" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	27.46	
		For >100 To 250, Deduct	*-1.60*	
		For >250 To 500, Deduct	*-2.00*	
		For >500, Deduct	*-2.40*	
05 05 23 00-1005	EA	7-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	46.92	
		For >100 To 250, Deduct	*-1.60*	
		For >250 To 500, Deduct	*-2.00*	
		For >500, Deduct	*-2.40*	
05 05 23 00-1006	EA	8" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	51.36	
		For >100 To 250, Deduct	*-1.60*	
		For >250 To 500, Deduct	*-2.00*	
		For >500, Deduct	*-2.40*	

05 05 23 00-1007 5/16" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*

05 05 23 00-1008	EA	5/16" Diameter x 1/2" Length, 316 Stainless Steel, Hex Head Bolt	7.96	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-1009	EA	5/16" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	8.21	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-1010	EA	5/16" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	8.63	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-1011	EA	5/16" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	8.94	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-1012	EA	5/16" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	9.28	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-1013	EA	5/16" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	9.92	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-1014	EA	5/16" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	10.37	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-1015	EA	5/16" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	10.76	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.27*	
05 05 23 00-1016	EA	5/16" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	11.72	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.27*	
05 05 23 00-1017	EA	5/16" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	11.91	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1018	EA	5/16" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	12.80	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.34*	
05 05 23 00-1019	EA	5/16" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	13.54	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.34*	
05 05 23 00-1020	EA	5/16" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	19.75	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.34*	
05 05 23 00-1021	EA	5/16" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	28.76	
		For >100 To 250, Deduct	*-1.60*	
		For >250 To 500, Deduct	*-2.00*	
		For >500, Deduct	*-2.40*	

05 05 23 00-1022 3/8" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*

05 05 23 00-1023	EA	3/8" Diameter x 1/2" Length, 316 Stainless Steel, Hex Head Bolt	8.62	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-1024	EA	3/8" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	8.72	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-1025	EA	3/8" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	9.11	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-1026	EA	3/8" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	10.03	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-1027	EA	3/8" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	10.56	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-1028	EA	3/8" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	10.73	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-1029	EA	3/8" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	11.54	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.21*	
05 05 23 00-1030	EA	3/8" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	11.85	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.27*	
05 05 23 00-1031	EA	3/8" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	12.36	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.27*	
05 05 23 00-1032	EA	3/8" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	12.71	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.27*	
05 05 23 00-1033	EA	3/8" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	14.04	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.34*	
05 05 23 00-1034	EA	3/8" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	15.40	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.34*	
05 05 23 00-1035	EA	3/8" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	15.46	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.34*	
05 05 23 00-1036	EA	3/8" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	19.11	
		For >100 To 250, Deduct	*-1.60*	
		For >250 To 500, Deduct	*-2.00*	
		For >500, Deduct	*-2.40*	
05 05 23 00-1037	EA	3/8" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	24.73	
		For >100 To 250, Deduct	*-1.60*	
		For >250 To 500, Deduct	*-2.00*	
		For >500, Deduct	*-2.40*	
05 05 23 00-1038	EA	3/8" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	30.80	
		For >100 To 250, Deduct	*-1.60*	
		For >250 To 500, Deduct	*-2.00*	
		For >500, Deduct	*-2.40*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

05 05 23 00-1039 7/16" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*

05 05 23 00-1040	EA	7/16" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	11.18
		For >100 To 250, Deduct	*-1.64*
		For >250 To 500, Deduct	*-2.05*
		For >500, Deduct	*-2.46*
05 05 23 00-1041	EA	7/16" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	11.76
		For >100 To 250, Deduct	*-1.64*
		For >250 To 500, Deduct	*-2.05*
		For >500, Deduct	*-2.46*
05 05 23 00-1042	EA	7/16" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	12.85
		For >100 To 250, Deduct	*-1.64*
		For >250 To 500, Deduct	*-2.05*
		For >500, Deduct	*-2.46*
05 05 23 00-1043	EA	7/16" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	14.00
		For >100 To 250, Deduct	*-1.68*
		For >250 To 500, Deduct	*-2.10*
		For >500, Deduct	*-2.52*
05 05 23 00-1044	EA	7/16" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	15.05
		For >100 To 250, Deduct	*-1.68*
		For >250 To 500, Deduct	*-2.10*
		For >500, Deduct	*-2.52*
05 05 23 00-1045	EA	7/16" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	16.77
		For >100 To 250, Deduct	*-1.68*
		For >250 To 500, Deduct	*-2.10*
		For >500, Deduct	*-2.52*
05 05 23 00-1046	EA	7/16" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	18.61
		For >100 To 250, Deduct	*-1.72*
		For >250 To 500, Deduct	*-2.15*
		For >500, Deduct	*-2.58*
05 05 23 00-1047	EA	7/16" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	18.91
		For >100 To 250, Deduct	*-1.72*
		For >250 To 500, Deduct	*-2.15*
		For >500, Deduct	*-2.58*
05 05 23 00-1048	EA	7/16" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	19.54
		For >100 To 250, Deduct	*-1.72*
		For >250 To 500, Deduct	*-2.15*
		For >500, Deduct	*-2.58*
05 05 23 00-1049	EA	7/16" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	20.17
		For >100 To 250, Deduct	*-1.76*
		For >250 To 500, Deduct	*-2.20*
		For >500, Deduct	*-2.64*
05 05 23 00-1050	EA	7/16" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	20.62
		For >100 To 250, Deduct	*-1.76*
		For >250 To 500, Deduct	*-2.20*
		For >500, Deduct	*-2.64*
05 05 23 00-1051	EA	7/16" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	21.07
		For >100 To 250, Deduct	*-1.76*
		For >250 To 500, Deduct	*-2.20*
		For >500, Deduct	*-2.64*
05 05 23 00-1052	EA	7/16" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	21.63
		For >100 To 250, Deduct	*-1.80*
		For >250 To 500, Deduct	*-2.26*
		For >500, Deduct	*-2.71*

05 05 23 00-1053 1/2" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*

05 05 23 00-1054	EA	1/2" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	11.15
		For >100 To 250, Deduct	*-1.64*
		For >250 To 500, Deduct	*-2.05*
		For >500, Deduct	*-2.46*
05 05 23 00-1055	EA	1/2" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	11.78
		For >100 To 250, Deduct	*-1.64*
		For >250 To 500, Deduct	*-2.05*
		For >500, Deduct	*-2.46*
05 05 23 00-1056	EA	1/2" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	12.66
		For >100 To 250, Deduct	*-1.64*
		For >250 To 500, Deduct	*-2.05*
		For >500, Deduct	*-2.46*
05 05 23 00-1057	EA	1/2" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	13.92
		For >100 To 250, Deduct	*-1.68*
		For >250 To 500, Deduct	*-2.10*
		For >500, Deduct	*-2.52*
05 05 23 00-1058	EA	1/2" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	14.89
		For >100 To 250, Deduct	*-1.68*
		For >250 To 500, Deduct	*-2.10*
		For >500, Deduct	*-2.52*
05 05 23 00-1059	EA	1/2" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	15.13
		For >100 To 250, Deduct	*-1.68*
		For >250 To 500, Deduct	*-2.10*
		For >500, Deduct	*-2.52*
05 05 23 00-1060	EA	1/2" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	15.73
		For >100 To 250, Deduct	*-1.72*
		For >250 To 500, Deduct	*-2.15*
		For >500, Deduct	*-2.58*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1061	EA	1/2" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	17.60	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-1062	EA	1/2" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	21.39	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-1063	EA	1/2" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	21.89	
		For >100 To 250, Deduct	*-1.76*	
		For >250 To 500, Deduct	*-2.20*	
		For >500, Deduct	*-2.64*	
05 05 23 00-1064	EA	1/2" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	22.49	
		For >100 To 250, Deduct	*-1.76*	
		For >250 To 500, Deduct	*-2.20*	
		For >500, Deduct	*-2.64*	
05 05 23 00-1065	EA	1/2" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	27.18	
		For >100 To 250, Deduct	*-1.76*	
		For >250 To 500, Deduct	*-2.20*	
		For >500, Deduct	*-2.64*	
05 05 23 00-1066	EA	1/2" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	30.53	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-1067	EA	1/2" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	32.56	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-1068	EA	1/2" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	35.92	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-1069	EA	1/2" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt	45.02	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-1070	EA	1/2" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt	50.75	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-1071	EA	1/2" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt	51.70	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-1072	EA	1/2" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt	53.16	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	

05 05 23 00-1073 9/16" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*

05 05 23 00-1074	EA	9/16" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	26.87	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-1075	EA	9/16" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	28.93	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-1076	EA	9/16" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	35.84	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.46*	
05 05 23 00-1077	EA	9/16" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	39.92	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.52*	
05 05 23 00-1078	EA	9/16" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	44.00	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.52*	
05 05 23 00-1079	EA	9/16" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	48.08	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.52*	
05 05 23 00-1080	EA	9/16" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	50.82	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-1081	EA	9/16" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	54.19	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1082	EA	9/16" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	57.17	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-1083	EA	9/16" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	58.28	
		For >100 To 250, Deduct	*-1.76*	
		For >250 To 500, Deduct	*-2.20*	
		For >500, Deduct	*-2.64*	
05 05 23 00-1084	EA	9/16" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	60.91	
		For >100 To 250, Deduct	*-1.76*	
		For >250 To 500, Deduct	*-2.20*	
		For >500, Deduct	*-2.64*	

05 05 23 00-1085 5/8" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*

05 05 23 00-1086	EA	5/8" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	15.38	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-1087	EA	5/8" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	15.56	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-1088	EA	5/8" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	15.62	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-1089	EA	5/8" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	17.01	
		For >100 To 250, Deduct	*-1.89*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-2.83*	
05 05 23 00-1090	EA	5/8" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	18.22	
		For >100 To 250, Deduct	*-1.89*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-2.83*	
05 05 23 00-1091	EA	5/8" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	22.06	
		For >100 To 250, Deduct	*-1.89*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-2.83*	
05 05 23 00-1092	EA	5/8" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	23.07	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-1093	EA	5/8" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	26.43	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-1094	EA	5/8" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	27.60	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-1095	EA	5/8" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	30.01	
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-2.95*	
05 05 23 00-1096	EA	5/8" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	30.96	
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-2.95*	
05 05 23 00-1097	EA	5/8" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	36.85	
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-2.95*	
05 05 23 00-1098	EA	5/8" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	39.18	
		For >100 To 250, Deduct	*-2.01*	
		For >250 To 500, Deduct	*-2.51*	
		For >500, Deduct	*-3.01*	
05 05 23 00-1099	EA	5/8" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	39.93	
		For >100 To 250, Deduct	*-2.01*	
		For >250 To 500, Deduct	*-2.51*	
		For >500, Deduct	*-3.01*	
05 05 23 00-1100	EA	5/8" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	42.68	
		For >100 To 250, Deduct	*-2.01*	
		For >250 To 500, Deduct	*-2.51*	
		For >500, Deduct	*-3.01*	
05 05 23 00-1101	EA	5/8" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt	45.36	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.56*	
		For >500, Deduct	*-3.07*	
05 05 23 00-1102	EA	5/8" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt	47.69	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.56*	
		For >500, Deduct	*-3.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1103	EA	5/8" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt	58.81	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.56*	
		For >500, Deduct	*-3.07*	
05 05 23 00-1104	EA	5/8" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt	70.70	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.56*	
		For >500, Deduct	*-3.07*	

05 05 23 00-1105 3/4" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*

05 05 23 00-1106	EA	3/4" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	20.06	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-1107	EA	3/4" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	20.47	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-1108	EA	3/4" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	22.07	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-1109	EA	3/4" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	23.69	
		For >100 To 250, Deduct	*-1.89*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-2.83*	
05 05 23 00-1110	EA	3/4" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	26.68	
		For >100 To 250, Deduct	*-1.89*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-2.83*	
05 05 23 00-1111	EA	3/4" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	28.41	
		For >100 To 250, Deduct	*-1.89*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-2.83*	
05 05 23 00-1112	EA	3/4" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	32.30	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-1113	EA	3/4" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	33.83	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-1114	EA	3/4" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	34.66	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-1115	EA	3/4" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	35.99	
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-2.95*	
05 05 23 00-1116	EA	3/4" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	37.90	
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-2.95*	
05 05 23 00-1117	EA	3/4" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	43.79	
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-2.95*	
05 05 23 00-1118	EA	3/4" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	52.52	
		For >100 To 250, Deduct	*-2.01*	
		For >250 To 500, Deduct	*-2.51*	
		For >500, Deduct	*-3.01*	
05 05 23 00-1119	EA	3/4" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	59.15	
		For >100 To 250, Deduct	*-2.01*	
		For >250 To 500, Deduct	*-2.51*	
		For >500, Deduct	*-3.01*	
05 05 23 00-1120	EA	3/4" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	60.15	
		For >100 To 250, Deduct	*-2.01*	
		For >250 To 500, Deduct	*-2.51*	
		For >500, Deduct	*-3.01*	
05 05 23 00-1121	EA	3/4" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt	64.34	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.56*	
		For >500, Deduct	*-3.07*	
05 05 23 00-1122	EA	3/4" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt	74.40	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.56*	
		For >500, Deduct	*-3.07*	
05 05 23 00-1123	EA	3/4" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt	75.26	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.56*	
		For >500, Deduct	*-3.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1124	EA	3/4" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt	77.38	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.56*	
		For >500, Deduct	*-3.07*	

05 05 23 00-1125 7/8" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*

05 05 23 00-1126	EA	7/8" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	22.60	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.56*	
		For >500, Deduct	*-3.07*	
05 05 23 00-1127	EA	7/8" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	25.37	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.56*	
		For >500, Deduct	*-3.07*	
05 05 23 00-1128	EA	7/8" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	27.08	
		For >100 To 250, Deduct	*-2.09*	
		For >250 To 500, Deduct	*-2.61*	
		For >500, Deduct	*-3.14*	
05 05 23 00-1129	EA	7/8" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	30.96	
		For >100 To 250, Deduct	*-2.09*	
		For >250 To 500, Deduct	*-2.61*	
		For >500, Deduct	*-3.14*	
05 05 23 00-1130	EA	7/8" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	32.69	
		For >100 To 250, Deduct	*-2.09*	
		For >250 To 500, Deduct	*-2.61*	
		For >500, Deduct	*-3.14*	
05 05 23 00-1131	EA	7/8" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	34.42	
		For >100 To 250, Deduct	*-2.13*	
		For >250 To 500, Deduct	*-2.67*	
		For >500, Deduct	*-3.20*	
05 05 23 00-1132	EA	7/8" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	36.77	
		For >100 To 250, Deduct	*-2.13*	
		For >250 To 500, Deduct	*-2.67*	
		For >500, Deduct	*-3.20*	
05 05 23 00-1133	EA	7/8" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	42.05	
		For >100 To 250, Deduct	*-2.13*	
		For >250 To 500, Deduct	*-2.67*	
		For >500, Deduct	*-3.20*	
05 05 23 00-1134	EA	7/8" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	42.38	
		For >100 To 250, Deduct	*-2.17*	
		For >250 To 500, Deduct	*-2.72*	
		For >500, Deduct	*-3.26*	
05 05 23 00-1135	EA	7/8" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	44.13	
		For >100 To 250, Deduct	*-2.17*	
		For >250 To 500, Deduct	*-2.72*	
		For >500, Deduct	*-3.26*	
05 05 23 00-1136	EA	7/8" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	58.90	
		For >100 To 250, Deduct	*-2.17*	
		For >250 To 500, Deduct	*-2.72*	
		For >500, Deduct	*-3.26*	
05 05 23 00-1137	EA	7/8" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	65.61	
		For >100 To 250, Deduct	*-2.21*	
		For >250 To 500, Deduct	*-2.77*	
		For >500, Deduct	*-3.32*	
05 05 23 00-1138	EA	7/8" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	72.62	
		For >100 To 250, Deduct	*-2.21*	
		For >250 To 500, Deduct	*-2.77*	
		For >500, Deduct	*-3.32*	
05 05 23 00-1139	EA	7/8" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	76.08	
		For >100 To 250, Deduct	*-2.21*	
		For >250 To 500, Deduct	*-2.77*	
		For >500, Deduct	*-3.32*	
05 05 23 00-1140	EA	7/8" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt	80.77	
		For >100 To 250, Deduct	*-2.25*	
		For >250 To 500, Deduct	*-2.82*	
		For >500, Deduct	*-3.38*	
05 05 23 00-1141	EA	7/8" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt	83.77	
		For >100 To 250, Deduct	*-2.25*	
		For >250 To 500, Deduct	*-2.82*	
		For >500, Deduct	*-3.38*	
05 05 23 00-1142	EA	7/8" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt	86.75	
		For >100 To 250, Deduct	*-2.25*	
		For >250 To 500, Deduct	*-2.82*	
		For >500, Deduct	*-3.38*	
05 05 23 00-1143	EA	7/8" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt	90.10	
		For >100 To 250, Deduct	*-2.25*	
		For >250 To 500, Deduct	*-2.82*	
		For >500, Deduct	*-3.38*	

05 05 23 00-1144 1" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1145	EA	1" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	28.68	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.56*	
		For >500, Deduct	*-3.07*	
05 05 23 00-1146	EA	1" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	33.15	
		For >100 To 250, Deduct	*-2.09*	
		For >250 To 500, Deduct	*-2.61*	
		For >500, Deduct	*-3.14*	
05 05 23 00-1147	EA	1" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	36.01	
		For >100 To 250, Deduct	*-2.09*	
		For >250 To 500, Deduct	*-2.61*	
		For >500, Deduct	*-3.14*	
05 05 23 00-1148	EA	1" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	40.57	
		For >100 To 250, Deduct	*-2.09*	
		For >250 To 500, Deduct	*-2.61*	
		For >500, Deduct	*-3.14*	
05 05 23 00-1149	EA	1" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	42.41	
		For >100 To 250, Deduct	*-2.13*	
		For >250 To 500, Deduct	*-2.67*	
		For >500, Deduct	*-3.20*	
05 05 23 00-1150	EA	1" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	45.50	
		For >100 To 250, Deduct	*-2.13*	
		For >250 To 500, Deduct	*-2.67*	
		For >500, Deduct	*-3.20*	
05 05 23 00-1151	EA	1" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	48.62	
		For >100 To 250, Deduct	*-2.13*	
		For >250 To 500, Deduct	*-2.67*	
		For >500, Deduct	*-3.20*	
05 05 23 00-1152	EA	1" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	51.96	
		For >100 To 250, Deduct	*-2.17*	
		For >250 To 500, Deduct	*-2.72*	
		For >500, Deduct	*-3.26*	
05 05 23 00-1153	EA	1" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	60.03	
		For >100 To 250, Deduct	*-2.17*	
		For >250 To 500, Deduct	*-2.72*	
		For >500, Deduct	*-3.26*	
05 05 23 00-1154	EA	1" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	67.98	
		For >100 To 250, Deduct	*-2.17*	
		For >250 To 500, Deduct	*-2.72*	
		For >500, Deduct	*-3.26*	
05 05 23 00-1155	EA	1" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	79.06	
		For >100 To 250, Deduct	*-2.21*	
		For >250 To 500, Deduct	*-2.77*	
		For >500, Deduct	*-3.32*	
05 05 23 00-1156	EA	1" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	88.21	
		For >100 To 250, Deduct	*-2.21*	
		For >250 To 500, Deduct	*-2.77*	
		For >500, Deduct	*-3.32*	
05 05 23 00-1157	EA	1" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	89.53	
		For >100 To 250, Deduct	*-2.21*	
		For >250 To 500, Deduct	*-2.77*	
		For >500, Deduct	*-3.32*	
05 05 23 00-1158	EA	1" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt	92.73	
		For >100 To 250, Deduct	*-2.25*	
		For >250 To 500, Deduct	*-2.82*	
		For >500, Deduct	*-3.38*	
05 05 23 00-1159	EA	1" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt	93.98	
		For >100 To 250, Deduct	*-2.25*	
		For >250 To 500, Deduct	*-2.82*	
		For >500, Deduct	*-3.38*	
05 05 23 00-1160	EA	1" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt	109.17	
		For >100 To 250, Deduct	*-2.25*	
		For >250 To 500, Deduct	*-2.82*	
		For >500, Deduct	*-3.38*	
05 05 23 00-1161	EA	1" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt	123.83	
		For >100 To 250, Deduct	*-2.25*	
		For >250 To 500, Deduct	*-2.82*	
		For >500, Deduct	*-3.38*	

05 05 23 00-1162 Screws *(05 05 23)*

05 05 23 00-1163 Teks® 5 Self Drilling Screws *(05 05 23 00-1162)*

Note: Includes Climaseal® finish, self-drill point and tapping threads.

05 05 23 00-1164	EA	12-24 x 1-1/4", Hex Washer Head, Teks® 5 Self Drilling Screw	3.95	
		For >10 To 50, Deduct	*-0.17*	
		For >50 To 100, Deduct	*-0.35*	
		For >100, Deduct	*-0.71*	
05 05 23 00-1165	EA	12-24 x 1-1/2", Hex Washer Head, Teks® 5 Self Drilling Screw	4.14	
		For >10 To 50, Deduct	*-0.17*	
		For >50 To 100, Deduct	*-0.36*	
		For >100, Deduct	*-0.72*	
05 05 23 00-1166	EA	12-24 x 2", Hex Washer Head, Teks® 5 Self Drilling Screw	4.65	
		For >10 To 50, Deduct	*-0.18*	
		For >50 To 100, Deduct	*-0.39*	
		For >100, Deduct	*-0.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1167	EA	1/4" x 3", 28 TPI, Hex Washer Head, Teks® 5 Self Drilling Screw	6.46	
		For >10 To 50, Deduct	*-0.23*	
		For >50 To 100, Deduct	*-0.50*	
		For >100, Deduct	*-1.01*	
05 05 23 00-1168	EA	1/4" x 4", 28 TPI, Hex Washer Head, Teks® 5 Self Drilling Screw	6.92	
		For >10 To 50, Deduct	*-0.24*	
		For >50 To 100, Deduct	*-0.53*	
		For >100, Deduct	*-1.06*	
05 05 23 00-1169	EA	1/4" x 6", 28 TPI, Hex Washer Head, Teks® 5 Self Drilling Screw	8.70	
		For >10 To 50, Deduct	*-0.25*	
		For >50 To 100, Deduct	*-0.59*	
		For >100, Deduct	*-1.19*	
05 05 23 00-1170	EA	1/4" x 8", 28 TPI, Hex Washer Head, Teks® 5 Self Drilling Screw	9.77	
		For >10 To 50, Deduct	*-0.26*	
		For >50 To 100, Deduct	*-0.64*	
		For >100, Deduct	*-1.27*	

05 05 23 00-1171 Security Screws *(05 05 23 00-1162)*

05 05 23 00-1172 304/18-8 Stainless Steel, Security Screws *(05 05 23 00-1171)*

Note: Includes "security" style drive in machine or sheet metal screw threads.

05 05 23 00-1173	EA	#4 Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screws	3.03	
		For >10 To 50, Deduct	*-0.14*	
		For >50 To 100, Deduct	*-0.29*	
		For >100, Deduct	*-0.58*	
05 05 23 00-1174	EA	#6 Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screw	3.46	
		For >10 To 50, Deduct	*-0.14*	
		For >50 To 100, Deduct	*-0.30*	
		For >100, Deduct	*-0.60*	
05 05 23 00-1175	EA	#6 Diameter x 1" Length, 304/18-8 Stainless Steel, Security Screw	3.83	
		For >10 To 50, Deduct	*-0.14*	
		For >50 To 100, Deduct	*-0.31*	
		For >100, Deduct	*-0.62*	
05 05 23 00-1176	EA	#6 Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Security Screw	3.95	
		For >10 To 50, Deduct	*-0.14*	
		For >50 To 100, Deduct	*-0.31*	
		For >100, Deduct	*-0.63*	
05 05 23 00-1177	EA	#6 Diameter x 2" Length, 304/18-8 Stainless Steel, Security Screw	4.19	
		For >10 To 50, Deduct	*-0.14*	
		For >50 To 100, Deduct	*-0.32*	
		For >100, Deduct	*-0.64*	
05 05 23 00-1178	EA	#8 Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screw	3.56	
		For >10 To 50, Deduct	*-0.14*	
		For >50 To 100, Deduct	*-0.30*	
		For >100, Deduct	*-0.61*	
05 05 23 00-1179	EA	#8 Diameter x 1" Length, 304/18-8 Stainless Steel, Security Screw	3.73	
		For >10 To 50, Deduct	*-0.14*	
		For >50 To 100, Deduct	*-0.31*	
		For >100, Deduct	*-0.62*	
05 05 23 00-1180	EA	#8 Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Security Screw	4.10	
		For >10 To 50, Deduct	*-0.14*	
		For >50 To 100, Deduct	*-0.32*	
		For >100, Deduct	*-0.64*	
05 05 23 00-1181	EA	#8 Diameter x 2" Length, 304/18-8 Stainless Steel, Security Screw	4.21	
		For >10 To 50, Deduct	*-0.14*	
		For >50 To 100, Deduct	*-0.32*	
		For >100, Deduct	*-0.64*	
05 05 23 00-1182	EA	#10 Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screw	3.67	
		For >10 To 50, Deduct	*-0.14*	
		For >50 To 100, Deduct	*-0.31*	
		For >100, Deduct	*-0.61*	
05 05 23 00-1183	EA	#10 Diameter x 1" Length, 304/18-8 Stainless Steel, Security Screw	3.71	
		For >10 To 50, Deduct	*-0.14*	
		For >50 To 100, Deduct	*-0.31*	
		For >100, Deduct	*-0.62*	
05 05 23 00-1184	EA	#10 Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Security Screw	3.87	
		For >10 To 50, Deduct	*-0.14*	
		For >50 To 100, Deduct	*-0.31*	
		For >100, Deduct	*-0.62*	
05 05 23 00-1185	EA	#10 Diameter x 2" Length, 304/18-8 Stainless Steel, Security Screw	4.37	
		For >10 To 50, Deduct	*-0.14*	
		For >50 To 100, Deduct	*-0.32*	
		For >100, Deduct	*-0.65*	
05 05 23 00-1186	EA	1/4" Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screw	3.95	
		For >10 To 50, Deduct	*-0.14*	
		For >50 To 100, Deduct	*-0.31*	
		For >100, Deduct	*-0.63*	
05 05 23 00-1187	EA	1/4" Diameter x 1" Length, 304/18-8 Stainless Steel, Security Screw	4.07	
		For >10 To 50, Deduct	*-0.14*	
		For >50 To 100, Deduct	*-0.32*	
		For >100, Deduct	*-0.63*	
05 05 23 00-1188	EA	1/4" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Security Screw	4.54	
		For >10 To 50, Deduct	*-0.14*	
		For >50 To 100, Deduct	*-0.33*	
		For >100, Deduct	*-0.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1189	EA	1/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Security Screw	5.29	
		For >10 To 50, Deduct	*-0.14*	
		For >50 To 100, Deduct	*-0.35*	
		For >100, Deduct	*-0.70*	
05 05 23 00-1190		**Threaded Rod** *(05 05 23)*		
		Note: Fully threaded. See CSI section 05 05 19 00-0169 for anchoring adhesive, 05 05 23 00-1283 for nuts and washers.		
05 05 23 00-1191		**Plain Finish Steel, Low Carbon Threaded Rod** *(05 05 23 00-1190)*		
05 05 23 00-1192	LF	1/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	2.42	0.59
		For Left Hand Threaded Rod, Add	*0.12*	
05 05 23 00-1193	LF	5/16" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	3.18	0.64
		For Left Hand Threaded Rod, Add	*0.19*	
05 05 23 00-1194	LF	3/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	3.69	0.75
		For Left Hand Threaded Rod, Add	*0.22*	
05 05 23 00-1195	LF	7/16" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	4.96	0.77
		For Left Hand Threaded Rod, Add	*0.34*	
05 05 23 00-1196	LF	1/2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	5.08	0.80
		For Left Hand Threaded Rod, Add	*0.35*	
05 05 23 00-1197	LF	9/16" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	6.29	0.80
		For Left Hand Threaded Rod, Add	*0.47*	
05 05 23 00-1198	LF	5/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	7.07	0.82
		For Left Hand Threaded Rod, Add	*0.54*	
05 05 23 00-1199	LF	3/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	11.56	0.84
		For Left Hand Threaded Rod, Add	*0.99*	
05 05 23 00-1200	LF	7/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	12.60	0.87
		For Left Hand Threaded Rod, Add	*1.09*	
05 05 23 00-1201	LF	1" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	17.23	0.98
		For Left Hand Threaded Rod, Add	*1.53*	
05 05 23 00-1202	LF	1-1/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	21.44	1.09
		For Left Hand Threaded Rod, Add	*1.93*	
05 05 23 00-1203	LF	1-1/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	28.43	1.18
		For Left Hand Threaded Rod, Add	*2.60*	
05 05 23 00-1204	LF	1-3/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	35.36	1.28
		For Left Hand Threaded Rod, Add	*3.28*	
05 05 23 00-1205	LF	1-1/2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	42.27	1.34
		For Left Hand Threaded Rod, Add	*3.96*	
05 05 23 00-1206	LF	1-3/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	51.83	1.41
		For Left Hand Threaded Rod, Add	*4.90*	
05 05 23 00-1207	LF	2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	66.18	1.48
		For Left Hand Threaded Rod, Add	*6.32*	
05 05 23 00-1208		**Zinc Plated Steel, Low Carbon Threaded Rod** *(05 05 23 00-1190)*		
05 05 23 00-1209	LF	1/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	2.44	0.59
		For Left Hand Threaded Rod, Add	*0.13*	
05 05 23 00-1210	LF	5/16" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	3.59	0.64
		For Left Hand Threaded Rod, Add	*0.23*	
05 05 23 00-1211	LF	3/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	4.00	0.75
		For Left Hand Threaded Rod, Add	*0.25*	
05 05 23 00-1212	LF	7/16" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	5.73	0.77
		For Left Hand Threaded Rod, Add	*0.42*	
05 05 23 00-1213	LF	1/2" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	6.17	0.80
		For Left Hand Threaded Rod, Add	*0.46*	
05 05 23 00-1214	LF	9/16" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	8.06	0.80
		For Left Hand Threaded Rod, Add	*0.65*	
05 05 23 00-1215	LF	5/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	8.56	0.82
		For Left Hand Threaded Rod, Add	*0.69*	
05 05 23 00-1216	LF	3/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	12.84	0.84
		For Left Hand Threaded Rod, Add	*1.12*	
05 05 23 00-1217	LF	7/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	16.62	0.87
		For Left Hand Threaded Rod, Add	*1.49*	
05 05 23 00-1218	LF	1" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	22.29	0.98
		For Left Hand Threaded Rod, Add	*2.03*	
05 05 23 00-1219	LF	1-1/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	28.77	1.09
		For Left Hand Threaded Rod, Add	*2.66*	
05 05 23 00-1220	LF	1-1/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	34.32	1.18
		For Left Hand Threaded Rod, Add	*3.19*	
05 05 23 00-1221	LF	1-3/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	39.01	1.28
		For Left Hand Threaded Rod, Add	*3.64*	
05 05 23 00-1222	LF	1-1/2" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	49.09	1.34
		For Left Hand Threaded Rod, Add	*4.64*	
05 05 23 00-1223	LF	1-3/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	60.81	1.41
		For Left Hand Threaded Rod, Add	*5.80*	
05 05 23 00-1224	LF	2" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	88.70	1.48
		For Left Hand Threaded Rod, Add	*8.58*	
05 05 23 00-1225		**Hot Dipped Galvanized Steel, Low Carbon Threaded Rod** *(05 05 23 00-1190)*		
05 05 23 00-1226	LF	3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	6.55	0.75
		For Left Hand Threaded Rod, Add	*0.51*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1227		LF	1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	9.15	0.80
			For Left Hand Threaded Rod, Add	*0.76*	
05 05 23 00-1228		LF	5/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	12.33	0.82
			For Left Hand Threaded Rod, Add	*1.07*	
05 05 23 00-1229		LF	3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	16.90	0.84
			For Left Hand Threaded Rod, Add	*1.52*	
05 05 23 00-1230		LF	7/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	23.38	0.87
			For Left Hand Threaded Rod, Add	*2.17*	
05 05 23 00-1231		LF	1" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	30.15	0.98
			For Left Hand Threaded Rod, Add	*2.82*	
05 05 23 00-1232		LF	1-1/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	39.67	1.09
			For Left Hand Threaded Rod, Add	*3.75*	
05 05 23 00-1233		LF	1-1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	52.15	1.18
			For Left Hand Threaded Rod, Add	*4.97*	
05 05 23 00-1234		LF	1-3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	58.28	1.28
			For Left Hand Threaded Rod, Add	*5.57*	
05 05 23 00-1235		LF	1-1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	69.35	1.34
			For Left Hand Threaded Rod, Add	*6.67*	
05 05 23 00-1236		LF	1-3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	84.25	1.41
			For Left Hand Threaded Rod, Add	*8.14*	
05 05 23 00-1237		LF	2" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	146.98	1.48
			For Left Hand Threaded Rod, Add	*14.40*	

05 05 23 00-1238 304/18-8 Stainless Steel Threaded Rod *(05 05 23 00-1190)*

05 05 23 00-1239		LF	1/4" Diameter, 304/18-8 Stainless Steel Threaded Rod	3.44	0.59
			For Left Hand Threaded Rod, Add	*0.23*	
05 05 23 00-1240		LF	5/16" Diameter, 304/18-8 Stainless Steel Threaded Rod	5.16	0.64
			For Left Hand Threaded Rod, Add	*0.39*	
05 05 23 00-1241		LF	3/8" Diameter, 304/18-8 Stainless Steel Threaded Rod	6.63	0.75
			For Left Hand Threaded Rod, Add	*0.52*	
05 05 23 00-1242		LF	7/16" Diameter, 304/18-8 Stainless Steel Threaded Rod	9.18	0.77
			For Left Hand Threaded Rod, Add	*0.77*	
05 05 23 00-1243		LF	1/2" Diameter, 304/18-8 Stainless Steel Threaded Rod	11.01	0.80
			For Left Hand Threaded Rod, Add	*0.94*	
05 05 23 00-1244		LF	9/16" Diameter, 304/18-8 Stainless Steel Threaded Rod	15.80	0.80
			For Left Hand Threaded Rod, Add	*1.42*	
05 05 23 00-1245		LF	5/8" Diameter, 304/18-8 Stainless Steel Threaded Rod	16.50	0.82
			For Left Hand Threaded Rod, Add	*1.49*	
05 05 23 00-1246		LF	3/4" Diameter, 304/18-8 Stainless Steel Threaded Rod	23.07	0.84
			For Left Hand Threaded Rod, Add	*2.14*	
05 05 23 00-1247		LF	7/8" Diameter, 304/18-8 Stainless Steel Threaded Rod	31.72	0.87
			For Left Hand Threaded Rod, Add	*3.00*	
05 05 23 00-1248		LF	1" Diameter, 304/18-8 Stainless Steel Threaded Rod	40.68	0.98
			For Left Hand Threaded Rod, Add	*3.87*	
05 05 23 00-1249		LF	1-1/4" Diameter, 304/18-8 Stainless Steel Threaded Rod	86.06	1.18
			For Left Hand Threaded Rod, Add	*8.36*	
05 05 23 00-1250		LF	1-1/2" Diameter, 304/18-8 Stainless Steel Threaded Rod	130.99	1.34
			For Left Hand Threaded Rod, Add	*12.83*	
05 05 23 00-1251		LF	1-3/4" Diameter, 304/18-8 Stainless Steel Threaded Rod	134.75	1.41
			For Left Hand Threaded Rod, Add	*13.19*	
05 05 23 00-1252		LF	2" Diameter, 304/18-8 Stainless Steel Threaded Rod	186.42	1.48
			For Left Hand Threaded Rod, Add	*18.35*	

05 05 23 00-1253 316 Stainless Steel Threaded Rod *(05 05 23 00-1190)*

05 05 23 00-1254		LF	1/4" Diameter, 316 Stainless Steel Threaded Rod	4.96	0.59
			For Left Hand Threaded Rod, Add	*0.38*	
05 05 23 00-1255		LF	5/16" Diameter, 316 Stainless Steel Threaded Rod	7.97	0.64
			For Left Hand Threaded Rod, Add	*0.67*	
05 05 23 00-1256		LF	3/8" Diameter, 316 Stainless Steel Threaded Rod	10.57	0.75
			For Left Hand Threaded Rod, Add	*0.91*	
05 05 23 00-1257		LF	7/16" Diameter, 316 Stainless Steel Threaded Rod	16.47	0.77
			For Left Hand Threaded Rod, Add	*1.50*	
05 05 23 00-1258		LF	1/2" Diameter, 316 Stainless Steel Threaded Rod	17.47	0.80
			For Left Hand Threaded Rod, Add	*1.59*	
05 05 23 00-1259		LF	9/16" Diameter, 316 Stainless Steel Threaded Rod	22.90	0.80
			For Left Hand Threaded Rod, Add	*2.13*	
05 05 23 00-1260		LF	5/8" Diameter, 316 Stainless Steel Threaded Rod	24.64	0.82
			For Left Hand Threaded Rod, Add	*2.30*	
05 05 23 00-1261		LF	3/4" Diameter, 316 Stainless Steel Threaded Rod	35.89	0.84
			For Left Hand Threaded Rod, Add	*3.42*	
05 05 23 00-1262		LF	7/8" Diameter, 316 Stainless Steel Threaded Rod	49.12	0.87
			For Left Hand Threaded Rod, Add	*4.74*	
05 05 23 00-1263		LF	1" Diameter, 316 Stainless Steel Threaded Rod	62.15	0.98
			For Left Hand Threaded Rod, Add	*6.02*	
05 05 23 00-1264		LF	1-1/4" Diameter, 316 Stainless Steel Threaded Rod	131.16	1.18
			For Left Hand Threaded Rod, Add	*12.87*	
05 05 23 00-1265		LF	1-1/2" Diameter, 316 Stainless Steel Threaded Rod	171.89	1.34
			For Left Hand Threaded Rod, Add	*16.92*	

05 05 23 00-1266 Plain Finish Steel, B-7 Alloy Threaded Rod *(05 05 23 00-1190)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1267	LF	1/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	4.17	0.59
		For Zinc Plating, Add	*1.50*	
05 05 23 00-1268	LF	5/16" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	6.43	0.64
		For Zinc Plating, Add	*2.57*	
05 05 23 00-1269	LF	3/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	6.73	0.75
		For Zinc Plating, Add	*2.63*	
05 05 23 00-1270	LF	7/16" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	7.34	0.77
		For Zinc Plating, Add	*2.91*	
05 05 23 00-1271	LF	1/2" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	8.09	0.80
		For Zinc Plating, Add	*3.26*	
05 05 23 00-1272	LF	9/16" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	10.10	0.80
		For Zinc Plating, Add	*4.25*	
05 05 23 00-1273	LF	5/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	10.42	0.82
		For Zinc Plating, Add	*4.40*	
05 05 23 00-1274	LF	3/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	13.83	0.84
		For Zinc Plating, Add	*6.08*	
05 05 23 00-1275	LF	7/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	16.58	0.87
		For Zinc Plating, Add	*7.43*	
05 05 23 00-1276	LF	1" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	21.50	0.98
		For Zinc Plating, Add	*9.77*	
05 05 23 00-1277	LF	1-1/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	27.99	1.09
		For Zinc Plating, Add	*12.90*	
05 05 23 00-1278	LF	1-1/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	31.15	1.18
		For Zinc Plating, Add	*14.35*	
05 05 23 00-1279	LF	1-3/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	35.95	1.28
		For Zinc Plating, Add	*16.69*	
05 05 23 00-1280	LF	1-1/2" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	43.71	1.34
		For Zinc Plating, Add	*20.52*	
05 05 23 00-1281	LF	1-3/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	45.19	1.41
		For Zinc Plating, Add	*21.19*	
05 05 23 00-1282	LF	2" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	60.65	1.48
		For Zinc Plating, Add	*28.85*	

05 05 23 00-1283 Nuts And Washers *(05 05 23)*

05 05 23 00-1284 Hex Nuts *(05 05 23 00-1283)*

05 05 23 00-1285 Zinc Plated Steel, Low Carbon/Grade 2 Hex Nuts *(05 05 23 00-1284)*

05 05 23 00-1286	EA	1/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.64	0.28
05 05 23 00-1287	EA	5/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.70	0.28
05 05 23 00-1288	EA	3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.75	0.28
05 05 23 00-1289	EA	7/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.88	0.28
05 05 23 00-1290	EA	1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.96	0.28
05 05 23 00-1291	EA	9/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.26	0.28
05 05 23 00-1292	EA	5/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.30	0.28
05 05 23 00-1293	EA	3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.55	0.57
05 05 23 00-1294	EA	7/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	2.26	0.57
05 05 23 00-1295	EA	1" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	2.88	0.57
05 05 23 00-1296	EA	1-1/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	4.71	0.57
05 05 23 00-1297	EA	1-1/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	5.76	0.57
05 05 23 00-1298	EA	1-3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	8.47	0.57
05 05 23 00-1299	EA	1-1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	9.81	0.86
05 05 23 00-1300	EA	1-3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	14.40	0.86
05 05 23 00-1301	EA	2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	20.80	0.86

05 05 23 00-1302 Zinc Plated Steel, Grade 5 Hex Nuts *(05 05 23 00-1284)*

05 05 23 00-1303	EA	1/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	0.66	0.28
05 05 23 00-1304	EA	5/16" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	0.71	0.28
05 05 23 00-1305	EA	3/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	0.78	0.28
05 05 23 00-1306	EA	7/16" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	0.91	0.28
05 05 23 00-1307	EA	1/2" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	1.07	0.28
05 05 23 00-1308	EA	9/16" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	1.29	0.28
05 05 23 00-1309	EA	5/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	1.33	0.28
05 05 23 00-1310	EA	3/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	1.75	0.57
05 05 23 00-1311	EA	7/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	2.47	0.57
05 05 23 00-1312	EA	1" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	3.49	0.57
05 05 23 00-1313	EA	1-1/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	5.32	0.57
05 05 23 00-1314	EA	1-1/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	7.52	0.57
05 05 23 00-1315	EA	1-3/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	11.04	0.57
05 05 23 00-1316	EA	1-1/2" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	12.20	0.86
05 05 23 00-1317	EA	1-3/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	22.00	0.86
05 05 23 00-1318	EA	2" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	31.53	0.86

05 05 23 00-1319 Zinc Plated Steel, Grade 8 Hex Nuts *(05 05 23 00-1284)*

05 05 23 00-1320	EA	1/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	0.67	0.28
05 05 23 00-1321	EA	5/16" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	0.76	0.28
05 05 23 00-1322	EA	3/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	0.83	0.28
05 05 23 00-1323	EA	7/16" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	1.04	0.28
05 05 23 00-1324	EA	1/2" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	1.25	0.28

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1325	EA	9/16" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	1.49	0.28
05 05 23 00-1326	EA	5/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	1.70	0.28
05 05 23 00-1327	EA	3/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	2.12	0.57
05 05 23 00-1328	EA	7/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	3.18	0.57
05 05 23 00-1329	EA	1" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	4.24	0.57
05 05 23 00-1330	EA	1-1/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	6.64	0.57
05 05 23 00-1331	EA	1-1/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	8.28	0.57
05 05 23 00-1332	EA	1-3/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	13.64	0.57
05 05 23 00-1333	EA	1-1/2" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	14.47	0.86
05 05 23 00-1334	EA	1-3/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	22.06	0.86
05 05 23 00-1335	EA	2" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	31.18	0.86
05 05 23 00-1336		**Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nuts** *(05 05 23 00-1284)*		
05 05 23 00-1337	EA	1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	0.67	0.28
05 05 23 00-1338	EA	5/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	0.74	0.28
05 05 23 00-1339	EA	3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	0.81	0.28
05 05 23 00-1340	EA	7/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	1.02	0.28
05 05 23 00-1341	EA	1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	1.18	0.28
05 05 23 00-1342	EA	9/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	1.30	0.28
05 05 23 00-1343	EA	5/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	1.44	0.28
05 05 23 00-1344	EA	3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	1.94	0.57
05 05 23 00-1345	EA	7/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	2.81	0.57
05 05 23 00-1346	EA	1" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	3.87	0.57
05 05 23 00-1347	EA	1-1/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	6.42	0.57
05 05 23 00-1348	EA	1-1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	8.23	0.57
05 05 23 00-1349	EA	1-3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	12.21	0.57
05 05 23 00-1350	EA	1-1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	14.25	0.86
05 05 23 00-1351	EA	1-3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	24.85	0.86
05 05 23 00-1352	EA	2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	42.97	0.86
05 05 23 00-1353		**304 Stainless Steel Hex Nuts** *(05 05 23 00-1284)*		
05 05 23 00-1354	EA	1/4" Diameter, 304 Stainless Steel Hex Nut	0.75	0.28
05 05 23 00-1355	EA	5/16" Diameter, 304 Stainless Steel Hex Nut	0.88	0.28
05 05 23 00-1356	EA	3/8" Diameter, 304 Stainless Steel Hex Nut	0.99	0.28
05 05 23 00-1357	EA	7/16" Diameter, 304 Stainless Steel Hex Nut	1.49	0.28
05 05 23 00-1358	EA	1/2" Diameter, 304 Stainless Steel Hex Nut	1.62	0.28
05 05 23 00-1359	EA	9/16" Diameter, 304 Stainless Steel Hex Nut	2.47	0.28
05 05 23 00-1360	EA	5/8" Diameter, 304 Stainless Steel Hex Nut	2.76	0.28
05 05 23 00-1361	EA	3/4" Diameter, 304 Stainless Steel Hex Nut	3.18	0.57
05 05 23 00-1362	EA	7/8" Diameter, 304 Stainless Steel Hex Nut	5.23	0.57
05 05 23 00-1363	EA	1" Diameter, 304 Stainless Steel Hex Nut	8.02	0.57
05 05 23 00-1364	EA	1-1/4" Diameter, 304 Stainless Steel Hex Nut	19.30	0.57
05 05 23 00-1365	EA	1-1/2" Diameter, 304 Stainless Steel Hex Nut	37.13	0.86
05 05 23 00-1366	EA	1-3/4" Diameter, 304 Stainless Steel Hex Nut	65.31	0.86
05 05 23 00-1367	EA	2" Diameter, 304 Stainless Steel Hex Nut	93.10	0.86
05 05 23 00-1368		**316 Stainless Steel Hex Nuts** *(05 05 23 00-1284)*		
05 05 23 00-1369	EA	1/4" Diameter, 316 Stainless Steel Hex Nut	0.88	0.28
05 05 23 00-1370	EA	5/16" Diameter, 316 Stainless Steel Hex Nut	1.00	0.28
05 05 23 00-1371	EA	3/8" Diameter, 316 Stainless Steel Hex Nut	1.19	0.28
05 05 23 00-1372	EA	7/16" Diameter, 316 Stainless Steel Hex Nut	1.97	0.28
05 05 23 00-1373	EA	1/2" Diameter, 316 Stainless Steel Hex Nut	2.12	0.28
05 05 23 00-1374	EA	9/16" Diameter, 316 Stainless Steel Hex Nut	2.89	0.28
05 05 23 00-1375	EA	5/8" Diameter, 316 Stainless Steel Hex Nut	3.27	0.28
05 05 23 00-1376	EA	3/4" Diameter, 316 Stainless Steel Hex Nut	4.57	0.57
05 05 23 00-1377	EA	7/8" Diameter, 316 Stainless Steel Hex Nut	6.37	0.57
05 05 23 00-1378	EA	1" Diameter, 316 Stainless Steel Hex Nut	9.83	0.57
05 05 23 00-1379	EA	1-1/4" Diameter, 316 Stainless Steel Hex Nut	29.96	0.57
05 05 23 00-1380	EA	1-1/2" Diameter, 316 Stainless Steel Hex Nut	48.48	0.86
05 05 23 00-1381	EA	1-3/4" Diameter, 316 Stainless Steel Hex Nut	81.86	0.86
05 05 23 00-1382	EA	2" Diameter, 316 Stainless Steel Hex Nut	152.21	0.86
05 05 23 00-1383		**Flat Washers** *(05 05 23 00-1283)*		
05 05 23 00-1384		**Zinc Plated Steel, Low Carbon Flat Washers** *(05 05 23 00-1383)*		
05 05 23 00-1385	EA	1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.05	
05 05 23 00-1386	EA	5/16" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.07	
05 05 23 00-1387	EA	3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.13	
05 05 23 00-1388	EA	7/16" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.20	
05 05 23 00-1389	EA	1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.29	
05 05 23 00-1390	EA	9/16" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.33	
05 05 23 00-1391	EA	5/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.56	
05 05 23 00-1392	EA	3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.81	
05 05 23 00-1393	EA	7/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.96	
05 05 23 00-1394	EA	1" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.18	
05 05 23 00-1395	EA	1-1/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.33	
05 05 23 00-1396	EA	1-1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.59	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1397	EA	1-3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	2.50	
05 05 23 00-1398	EA	1-1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	2.56	
05 05 23 00-1399	EA	1-3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	3.79	
05 05 23 00-1400	EA	2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	4.71	
05 05 23 00-1401		**Zinc Plated Steel, Hardened Flat Washers** *(05 05 23 00-1383)*		
05 05 23 00-1402	EA	1/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	0.17	
05 05 23 00-1403	EA	5/16" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	0.24	
05 05 23 00-1404	EA	3/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	0.27	
05 05 23 00-1405	EA	7/16" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	0.37	
05 05 23 00-1406	EA	1/2" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	0.50	
05 05 23 00-1407	EA	9/16" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	0.81	
05 05 23 00-1408	EA	5/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	1.16	
05 05 23 00-1409	EA	3/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	1.63	
05 05 23 00-1410	EA	7/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	2.72	
05 05 23 00-1411	EA	1" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	3.02	
05 05 23 00-1412	EA	1-1/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	4.39	
05 05 23 00-1413	EA	1-1/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	4.79	
05 05 23 00-1414	EA	1-3/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	6.32	
05 05 23 00-1415	EA	1-1/2" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	7.22	
05 05 23 00-1416	EA	1-3/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	9.71	
05 05 23 00-1417	EA	2" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	11.65	
05 05 23 00-1418		**Hot Dipped Galvanized Steel Flat Washers** *(05 05 23 00-1383)*		
05 05 23 00-1419	EA	1/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.11	
05 05 23 00-1420	EA	5/16" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.16	
05 05 23 00-1421	EA	3/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.18	
05 05 23 00-1422	EA	7/16" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.34	
05 05 23 00-1423	EA	1/2" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.43	
05 05 23 00-1424	EA	9/16" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.71	
05 05 23 00-1425	EA	5/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.79	
05 05 23 00-1426	EA	3/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	1.20	
05 05 23 00-1427	EA	7/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	1.70	
05 05 23 00-1428	EA	1" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	1.86	
05 05 23 00-1429	EA	1-1/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	2.85	
05 05 23 00-1430	EA	1-1/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	3.17	
05 05 23 00-1431	EA	1-3/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	4.53	
05 05 23 00-1432	EA	1-1/2" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	4.90	
05 05 23 00-1433	EA	1-3/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	7.12	
05 05 23 00-1434		**304/18-8 Stainless Steel Flat Washers** *(05 05 23 00-1383)*		
05 05 23 00-1435	EA	1/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	0.14	
05 05 23 00-1436	EA	5/16" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	0.19	
05 05 23 00-1437	EA	3/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	0.27	
05 05 23 00-1438	EA	7/16" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	0.49	
05 05 23 00-1439	EA	1/2" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	0.90	
05 05 23 00-1440	EA	9/16" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	1.12	
05 05 23 00-1441	EA	5/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	1.64	
05 05 23 00-1442	EA	3/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	1.67	
05 05 23 00-1443	EA	7/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	3.53	
05 05 23 00-1444	EA	1" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	4.47	
05 05 23 00-1445	EA	1-1/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	5.20	
05 05 23 00-1446	EA	1-1/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	5.60	
05 05 23 00-1447	EA	1-3/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	5.92	
05 05 23 00-1448	EA	1-1/2" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	7.22	
05 05 23 00-1449	EA	1-3/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	8.97	
05 05 23 00-1450	EA	2" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	17.62	
05 05 23 00-1451		**316 Stainless Steel Flat Washers** *(05 05 23 00-1383)*		
05 05 23 00-1452	EA	1/4" Inside Diameter, 316 Stainless Steel Flat Washer	0.27	
05 05 23 00-1453	EA	5/16" Inside Diameter, 316 Stainless Steel Flat Washer	0.30	
05 05 23 00-1454	EA	3/8" Inside Diameter, 316 Stainless Steel Flat Washer	0.53	
05 05 23 00-1455	EA	7/16" Inside Diameter, 316 Stainless Steel Flat Washer	0.63	
05 05 23 00-1456	EA	1/2" Inside Diameter, 316 Stainless Steel Flat Washer	1.16	
05 05 23 00-1457	EA	9/16" Inside Diameter, 316 Stainless Steel Flat Washer	2.09	
05 05 23 00-1458	EA	5/8" Inside Diameter, 316 Stainless Steel Flat Washer	2.47	
05 05 23 00-1459	EA	3/4" Inside Diameter, 316 Stainless Steel Flat Washer	3.11	
05 05 23 00-1460	EA	7/8" Inside Diameter, 316 Stainless Steel Flat Washer	4.81	
05 05 23 00-1461	EA	1" Inside Diameter, 316 Stainless Steel Flat Washer	5.38	
05 05 23 00-1462	EA	1-1/8" Inside Diameter, 316 Stainless Steel Flat Washer	6.13	
05 05 23 00-1463	EA	1-1/4" Inside Diameter, 316 Stainless Steel Flat Washer	7.55	
05 05 23 00-1464	EA	1-3/8" Inside Diameter, 316 Stainless Steel Flat Washer	7.98	
05 05 23 00-1465	EA	1-1/2" Inside Diameter, 316 Stainless Steel Flat Washer	8.16	
05 05 23 00-1466	EA	1-3/4" Inside Diameter, 316 Stainless Steel Flat Washer	11.96	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1467		Lock Washers *(05 05 23 00-1283)*		
05 05 23 00-1468		Zinc Plated Steel, Low Carbon Lock Washers *(05 05 23 00-1467)*		
05 05 23 00-1469	EA	1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.02	
05 05 23 00-1470	EA	5/16" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.03	
05 05 23 00-1471	EA	3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.05	
05 05 23 00-1472	EA	7/16" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.08	
05 05 23 00-1473	EA	1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.11	
05 05 23 00-1474	EA	9/16" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.19	
05 05 23 00-1475	EA	5/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.21	
05 05 23 00-1476	EA	3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.32	
05 05 23 00-1477	EA	7/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.54	
05 05 23 00-1478	EA	1" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.96	
05 05 23 00-1479	EA	1-1/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	1.41	
05 05 23 00-1480	EA	1-1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	2.16	
05 05 23 00-1481	EA	1-3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	3.42	
05 05 23 00-1482	EA	1-1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	4.02	
05 05 23 00-1483	EA	1-3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	7.18	
05 05 23 00-1484	EA	2" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	8.09	
05 05 23 00-1485		Hot Dipped Galvanized Steel Lock Washers *(05 05 23 00-1467)*		
05 05 23 00-1486	EA	1/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.09	
05 05 23 00-1487	EA	5/16" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.11	
05 05 23 00-1488	EA	3/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.14	
05 05 23 00-1489	EA	7/16" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.15	
05 05 23 00-1490	EA	1/2" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.24	
05 05 23 00-1491	EA	9/16" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.31	
05 05 23 00-1492	EA	5/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.37	
05 05 23 00-1493	EA	3/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.62	
05 05 23 00-1494	EA	7/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.89	
05 05 23 00-1495	EA	1" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	1.41	
05 05 23 00-1496	EA	1-1/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	2.55	
05 05 23 00-1497	EA	1-1/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	3.04	
05 05 23 00-1498	EA	1-3/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	4.39	
05 05 23 00-1499	EA	1-1/2" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	5.02	
05 05 23 00-1500	EA	1-3/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	6.79	
05 05 23 00-1501	EA	2" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	9.25	
05 05 23 00-1502		304/18-8 Stainless Steel Lock Washers *(05 05 23 00-1467)*		
05 05 23 00-1503	EA	1/4" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	0.12	
05 05 23 00-1504	EA	5/16" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	0.16	
05 05 23 00-1505	EA	3/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	0.23	
05 05 23 00-1506	EA	7/16" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	0.43	
05 05 23 00-1507	EA	1/2" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	0.48	
05 05 23 00-1508	EA	9/16" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	1.15	
05 05 23 00-1509	EA	5/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	1.36	
05 05 23 00-1510	EA	3/4" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	1.58	
05 05 23 00-1511	EA	7/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	2.87	
05 05 23 00-1512	EA	1" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	4.05	
05 05 23 00-1513	EA	1-1/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	7.07	
05 05 23 00-1514	EA	1-1/4" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	9.40	
05 05 23 00-1515	EA	1-3/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	11.96	
05 05 23 00-1516	EA	1-1/2" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	14.35	
05 05 23 00-1517		316 Stainless Steel Lock Washers *(05 05 23 00-1467)*		
05 05 23 00-1518	EA	1/4" Inside Diameter, 316 Stainless Steel Lock Washer	0.14	
05 05 23 00-1519	EA	5/16" Inside Diameter, 316 Stainless Steel Lock Washer	0.31	
05 05 23 00-1520	EA	3/8" Inside Diameter, 316 Stainless Steel Lock Washer	0.36	
05 05 23 00-1521	EA	7/16" Inside Diameter, 316 Stainless Steel Lock Washer	0.62	
05 05 23 00-1522	EA	1/2" Inside Diameter, 316 Stainless Steel Lock Washer	0.69	
05 05 23 00-1523	EA	9/16" Inside Diameter, 316 Stainless Steel Lock Washer	1.23	
05 05 23 00-1524	EA	5/8" Inside Diameter, 316 Stainless Steel Lock Washer	1.35	
05 05 23 00-1525	EA	3/4" Inside Diameter, 316 Stainless Steel Lock Washer	2.33	
05 05 23 00-1526	EA	7/8" Inside Diameter, 316 Stainless Steel Lock Washer	3.86	
05 05 23 00-1527	EA	1" Inside Diameter, 316 Stainless Steel Lock Washer	5.25	
05 05 23 00-1528	EA	1-1/8" Inside Diameter, 316 Stainless Steel Lock Washer	7.32	
05 05 23 00-1529	EA	1-1/4" Inside Diameter, 316 Stainless Steel Lock Washer	11.27	
05 05 23 00-1530	EA	1-3/8" Inside Diameter, 316 Stainless Steel Lock Washer	20.18	
05 05 23 00-1531	EA	1-1/2" Inside Diameter, 316 Stainless Steel Lock Washer	22.40	
05 05 23 00-1532		Load Indicating Washers *(05 05 23 00-1283)*		
05 05 23 00-1533		A325, Direct Tension Indicator, Load Indicating Washers (ASTM F959) *(05 05 23 00-1532)*		
05 05 23 00-1534		Plain Finish, A325, Direct Tension Indicator, Load Indicating Washers (ASTM F959) *(05 05 23 00-1533)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1535	EA	1/2", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	2.34	
05 05 23 00-1536	EA	5/8", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	2.65	
05 05 23 00-1537	EA	3/4", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	2.86	
05 05 23 00-1538	EA	7/8", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	3.25	
05 05 23 00-1539	EA	1", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	3.92	
05 05 23 00-1540	EA	1-1/8", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	6.52	
05 05 23 00-1541	EA	1-1/4", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	8.42	
05 05 23 00-1542	EA	1-3/8", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	10.75	
05 05 23 00-1543	EA	1-1/2", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	11.83	
05 05 23 00-1544		Galvanized, A325, Direct Tension Indicator, Load Indicating Washers (ASTM F959) *(05 05 23 00-1533)*		
05 05 23 00-1545	EA	1/2", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	2.96	
05 05 23 00-1546	EA	5/8", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	3.30	
05 05 23 00-1547	EA	3/4", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	3.21	
05 05 23 00-1548	EA	7/8", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	3.92	
05 05 23 00-1549	EA	1", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	4.65	
05 05 23 00-1550	EA	1-1/8", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	7.00	
05 05 23 00-1551	EA	1-1/4", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	8.81	
05 05 23 00-1552	EA	1-3/8", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	12.54	
05 05 23 00-1553	EA	1-1/2", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	13.79	
05 05 23 00-1554		Beveled Washers *(05 05 23 00-1283)*		
05 05 23 00-1555		Plain Finish, Square Beveled Structural Washers (ASTM F436) *(05 05 23 00-1554)*		
05 05 23 00-1556	EA	1/2", Plain Finish, Square Beveled Structural Washer (ASTM F436)	3.87	
05 05 23 00-1557	EA	5/8", Plain Finish, Square Beveled Structural Washer (ASTM F436)	3.95	
05 05 23 00-1558	EA	3/4", Plain Finish, Square Beveled Structural Washer (ASTM F436)	4.04	
05 05 23 00-1559	EA	7/8", Plain Finish, Square Beveled Structural Washer (ASTM F436)	4.90	
05 05 23 00-1560	EA	1", Plain Finish, Square Beveled Structural Washer (ASTM F436)	5.16	
05 05 23 00-1561		Galvanized, Square Beveled Structural Washers (ASTM F436) *(05 05 23 00-1554)*		
05 05 23 00-1562	EA	1/2", Galvanized, Square Beveled Structural Washer (ASTM F436)	5.56	
05 05 23 00-1563	EA	5/8", Galvanized, Square Beveled Structural Washer (ASTM F436)	5.81	
05 05 23 00-1564	EA	3/4", Galvanized, Square Beveled Structural Washer (ASTM F436)	5.81	
05 05 23 00-1565	EA	7/8", Galvanized, Square Beveled Structural Washer (ASTM F436)	6.15	
05 05 23 00-1566	EA	1", Galvanized, Square Beveled Structural Washer (ASTM F436)	6.54	
05 05 23 00-1567		Drilling In Existing Steel Plates *(05 05 23)*		
05 05 23 00-1568	EA	Up To 1/2" Diameter Drill Through Up To 1/4" Steel Plate	23.68	
		For Aluminum, Deduct	*-2.37*	
		For Stainless Steel, Add	*2.96*	
		For >5 To 10, Deduct	*-2.37*	
		For >10 To 25, Deduct	*-5.92*	
		For >25 To 50, Deduct	*-8.29*	
		For >50, Deduct	*-11.84*	
05 05 23 00-1569	EA	>1/2" To 7/8" Diameter Drill Through Up To 1/4" Steel Plate	27.86	
		For Aluminum, Deduct	*-2.79*	
		For Stainless Steel, Add	*3.48*	
		For >5 To 10, Deduct	*-2.79*	
		For >10 To 25, Deduct	*-6.97*	
		For >25 To 50, Deduct	*-9.75*	
		For >50, Deduct	*-13.93*	
05 05 23 00-1570	EA	>7/8" To 1-1/2" Diameter Drill Through Up To 1/4" Steel Plate	33.44	
		For Aluminum, Deduct	*-3.34*	
		For Stainless Steel, Add	*4.18*	
		For >5 To 10, Deduct	*-3.34*	
		For >10 To 25, Deduct	*-8.36*	
		For >25 To 50, Deduct	*-11.70*	
		For >50, Deduct	*-16.72*	
05 05 23 00-1571	EA	>1-1/2" To 4" Diameter Drill Through Up To 1/4" Steel Plate	39.01	
		For Aluminum, Deduct	*-3.90*	
		For Stainless Steel, Add	*4.88*	
		For >5 To 10, Deduct	*-3.90*	
		For >10 To 25, Deduct	*-9.75*	
		For >25 To 50, Deduct	*-13.65*	
		For >50, Deduct	*-19.51*	
05 05 23 00-1572	EA	>4" To 10" Diameter Drill Through Up To 1/4" Steel Plate	52.24	
		For Aluminum, Deduct	*-5.22*	
		For Stainless Steel, Add	*6.53*	
		For >5 To 10, Deduct	*-5.22*	
		For >10 To 25, Deduct	*-13.06*	
		For >25 To 50, Deduct	*-18.28*	
		For >50, Deduct	*-26.12*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1573	EA	Up To 1/2" Diameter Drill Through >1/4" To 1/2" Steel Plate	27.86	
		For Aluminum, Deduct	*-2.79*	
		For Stainless Steel, Add	*3.48*	
		For >5 To 10, Deduct	*-2.79*	
		For >10 To 25, Deduct	*-6.97*	
		For >25 To 50, Deduct	*-9.75*	
		For >50, Deduct	*-13.93*	
05 05 23 00-1574	EA	>1/2" To 7/8" Diameter Drill Through >1/4" To 1/2" Steel Plate	34.83	
		For Aluminum, Deduct	*-3.48*	
		For Stainless Steel, Add	*4.35*	
		For >5 To 10, Deduct	*-3.48*	
		For >10 To 25, Deduct	*-8.71*	
		For >25 To 50, Deduct	*-12.19*	
		For >50, Deduct	*-17.42*	
05 05 23 00-1575	EA	>7/8" To 1-1/2" Diameter Drill Through >1/4" To 1/2" Steel Plate	41.79	
		For Aluminum, Deduct	*-4.18*	
		For Stainless Steel, Add	*5.22*	
		For >5 To 10, Deduct	*-4.18*	
		For >10 To 25, Deduct	*-10.45*	
		For >25 To 50, Deduct	*-14.63*	
		For >50, Deduct	*-20.90*	
05 05 23 00-1576	EA	>1-1/2" To 4" Diameter Drill Through >1/4" To 1/2" Steel Plate	52.24	
		For Aluminum, Deduct	*-5.22*	
		For Stainless Steel, Add	*6.53*	
		For >5 To 10, Deduct	*-5.22*	
		For >10 To 25, Deduct	*-13.06*	
		For >25 To 50, Deduct	*-18.28*	
		For >50, Deduct	*-26.12*	
05 05 23 00-1577	EA	Up To 1/2" Diameter Drill Through >1/2" To 1" Steel Plate	34.83	
		For Aluminum, Deduct	*-3.48*	
		For Stainless Steel, Add	*4.35*	
		For >5 To 10, Deduct	*-3.48*	
		For >10 To 25, Deduct	*-8.71*	
		For >25 To 50, Deduct	*-12.19*	
		For >50, Deduct	*-17.42*	
05 05 23 00-1578	EA	>1/2" To 7/8" Diameter Drill Through >1/2" To 1" Steel Plate	45.97	
		For Aluminum, Deduct	*-4.60*	
		For Stainless Steel, Add	*5.75*	
		For >5 To 10, Deduct	*-4.60*	
		For >10 To 25, Deduct	*-11.49*	
		For >25 To 50, Deduct	*-16.09*	
		For >50, Deduct	*-22.99*	
05 05 23 00-1579	EA	>7/8" To 1-1/2" Diameter Drill Through >1/2" To 1" Steel Plate	55.72	
		For Aluminum, Deduct	*-5.57*	
		For Stainless Steel, Add	*6.97*	
		For >5 To 10, Deduct	*-5.57*	
		For >10 To 25, Deduct	*-13.93*	
		For >25 To 50, Deduct	*-19.50*	
		For >50, Deduct	*-27.86*	

05 05 23 00-1580 Cutting Existing Steel With Torch *(05 05 23)*

05 05 23 00-1581	LF	Torch Cutting, Milled Steel Up To 1/4" Thick	7.35	

05 05 23 00-1582 Welded Stud Anchors *(05 05 23)*

05 05 23 00-1583	EA	1-1/8" Long x 1/4" Diameter, Welded Stud Concrete Anchors	4.49	
05 05 23 00-1584	EA	2-11/16" Long x 1/4" Diameter, Welded Stud Concrete Anchors	4.59	
05 05 23 00-1585	EA	3-1/8" Long x 1/4" Diameter, Welded Stud Concrete Anchors	4.63	
05 05 23 00-1586	EA	4-1/8" Long x 1/4" Diameter, Welded Stud Concrete Anchors	4.67	
05 05 23 00-1587	EA	1-3/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors	4.42	
05 05 23 00-1588	EA	1-5/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors	4.65	
05 05 23 00-1589	EA	2-1/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors	4.89	
05 05 23 00-1590	EA	2-5/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors	5.01	
05 05 23 00-1591	EA	3-1/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors	5.14	
05 05 23 00-1592	EA	4-1/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors	5.62	
05 05 23 00-1593	EA	5-1/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors	6.02	
05 05 23 00-1594	EA	6-1/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors	6.34	
05 05 23 00-1595	EA	1-1/2" Long x 1/2" Diameter, Welded Stud Concrete Anchors	5.42	
05 05 23 00-1596	EA	1-5/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors	5.45	
05 05 23 00-1597	EA	2-1/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors	5.81	
05 05 23 00-1598	EA	2-5/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors	6.16	
05 05 23 00-1599	EA	3-1/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors	6.59	
05 05 23 00-1600	EA	4-1/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors	7.25	
05 05 23 00-1601	EA	5-5/16" Long x 1/2" Diameter, Welded Stud Concrete Anchors	7.68	
05 05 23 00-1602	EA	6-1/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors	8.85	
05 05 23 00-1603	EA	8-1/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors	11.05	
05 05 23 00-1604	EA	2-11/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors	7.69	
05 05 23 00-1605	EA	3-3/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors	8.25	
05 05 23 00-1606	EA	3-11/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors	8.70	
05 05 23 00-1607	EA	4-3/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors	9.16	
05 05 23 00-1608	EA	4-11/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors	9.53	
05 05 23 00-1609	EA	5-3/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors	9.87	
05 05 23 00-1610	EA	6-3/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors	10.32	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1611	EA	6-9/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors	12.21	
05 05 23 00-1612	EA	8-3/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors	14.82	

05 05 23 00-1613 Welded Shear Stud Connector *(05 05 23)*

05 05 23 00-1614 3/4" Diameter Welded Shear Stud Connector *(05 05 23 00-1613)*

05 05 23 00-1615	EA	3/4" Diameter x 3-3/16" Long, Welded Shear Stud Connector	9.85	
05 05 23 00-1616	EA	3/4" Diameter x 3-3/8" Long, Welded Shear Stud Connector	10.25	
05 05 23 00-1617	EA	3/4" Diameter x 3-7/8" Long, Welded Shear Stud Connector	10.36	
05 05 23 00-1618	EA	3/4" Diameter x 4-3/16" Long, Welded Shear Stud Connector	10.41	
05 05 23 00-1619	EA	3/4" Diameter x 4-3/8" Long, Welded Shear Stud Connector	10.86	
05 05 23 00-1620	EA	3/4" Diameter x 4-11/16" Long, Welded Shear Stud Connector	11.69	
05 05 23 00-1621	EA	3/4" Diameter x 4-7/8" Long, Welded Shear Stud Connector	19.69	
05 05 23 00-1622	EA	3/4" Diameter x 5-3/16" Long, Welded Shear Stud Connector	12.65	
05 05 23 00-1623	EA	3/4" Diameter x 5-3/8" Long, Welded Shear Stud Connector	14.11	
05 05 23 00-1624	EA	3/4" Diameter x 6-3/16" Long, Welded Shear Stud Connector	18.46	
05 05 23 00-1625	EA	3/4" Diameter x 7-3/16" Long, Welded Shear Stud Connector	18.91	
05 05 23 00-1626	EA	3/4" Diameter x 8-3/16" Long, Welded Shear Stud Connector	20.51	
05 05 23 00-1627	EA	3/4" Diameter x 10-3/16" Long, Welded Shear Stud Connector	27.21	

05 05 23 00-1628 7/8" Diameter Welded Shear Stud Connector *(05 05 23 00-1613)*

05 05 23 00-1629	EA	7/8" Diameter x 3-3/16" Long, Welded Shear Stud Connector	11.85	
05 05 23 00-1630	EA	7/8" Diameter x 3-11/16" Long, Welded Shear Stud Connector	12.49	
05 05 23 00-1631	EA	7/8" Diameter x 4-3/16" Long, Welded Shear Stud Connector	13.12	
05 05 23 00-1632	EA	7/8" Diameter x 5-3/16" Long, Welded Shear Stud Connector	14.96	
05 05 23 00-1633	EA	7/8" Diameter x 6-3/16" Long, Welded Shear Stud Connector	19.44	
05 05 23 00-1634	EA	7/8" Diameter x 7-3/16" Long, Welded Shear Stud Connector	21.39	
05 05 23 00-1635	EA	7/8" Diameter x 8-3/16" Long, Welded Shear Stud Connector	23.30	
05 05 23 00-1636	EA	7/8" Diameter x 10-3/16" Long, Welded Shear Stud Connector	28.67	

05 05 23 00-1637 1" Diameter Welded Shear Stud Connector *(05 05 23 00-1613)*

05 05 23 00-1638	EA	1" Diameter x 3-1/4" Long, Welded Shear Stud Connector	16.02	
05 05 23 00-1639	EA	1" Diameter x 4-1/4" Long, Welded Shear Stud Connector	17.99	
05 05 23 00-1640	EA	1" Diameter x 5-1/4" Long, Welded Shear Stud Connector	20.89	
05 05 23 00-1641	EA	1" Diameter x 6-1/4" Long, Welded Shear Stud Connector	26.70	
05 05 23 00-1642	EA	1" Diameter x 7-1/4" Long, Welded Shear Stud Connector	29.73	
05 05 23 00-1643	EA	1" Diameter x 8-1/4" Long, Welded Shear Stud Connector	32.76	

05 10 Structural Metal Framing *(05)*

05 12 Structural Steel Framing *(05 10)*

05 12 23 Structural Steel for Buildings *(05 12)*

See CSI section 05 05 21 00-0007 for moment connection welding, 05 12 23 00-0089 for field fabrication of additional structural metal connections.

05 12 23 00-0001 Rolled Steel Members *(05 12 23)*

Note: Prices by Ton (or LB) are based on ASTM A992/A36 steel with bolted standard beam connections and shop primed with red primer paint. Stock cross-sections only. Includes shop fabrication into sub-assemblies and delivery to site, all connecting bolts, connecting welds, and crane for erection (or demolition). Excludes moment connection welding. See CSI section 05 05 21 00-0007 for moment connection welding, 05 12 23 00-0089 for field fabrication of additional structural metal connections.

05 12 23 00-0002 Beams, Girders And Columns *(05 12 23 00-0001)*

Note: For one and two story I beams and W shapes and HP shapes.

05 12 23 00-0003	TON	Up To 30 Lb./LF Beams, Girders And Columns	10,905.55	1,377.50
		For ASTM A242 Type 2 High Strength Steel, Add	*644.46*	
		For Hot Dip Galvanizing, Add	*2,255.63*	
		For >10 To 25 Tons, Deduct	*-684.74*	
		For >25 To 50 Tons, Deduct	*-1,409.77*	
		For >50 To 75 Tons, Deduct	*-2,013.95*	
		For >75 Tons, Deduct	*-1,006.98*	
05 12 23 00-0004	TON	>30-65 Lb./LF Beams, Girders And Columns	7,561.38	890.45
		For ASTM A242 Type 2 High Strength Steel, Add	*528.92*	
		For Hot Dip Galvanizing, Add	*1,851.21*	
		For >10 To 25 Tons, Deduct	*-561.97*	
		For >25 To 50 Tons, Deduct	*-1,157.01*	
		For >50 To 75 Tons, Deduct	*-1,652.87*	
		For >75 Tons, Deduct	*-826.43*	

05 12 23 00-0005 Shapes *(05 12 23 00-0001)*

05 12 23 00-0006 Rolled C, MC Steel Channels *(05 12 23 00-0005)*

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MINOR CSI UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0007	TON Up To 10 Lb./LF Rolled C, MC Steel Channels	17,329.83	3,506.51
	For ASTM A242 Type 2 High Strength Steel, Add	*916.65*	
	For Hot Dip Galvanizing, Add	*3,208.27*	
	For >10 To 25 Tons, Deduct	*-973.94*	
	For >25 To 50 Tons, Deduct	*-2,005.17*	
	For >50 To 75 Tons, Deduct	*-2,864.53*	
	For >75 Tons, Deduct	*-1,432.26*	
05 12 23 00-0008	TON >10 To 20 Rolled C, MC Steel Channels	13,824.94	2,671.63
	For ASTM A242 Type 2 High Strength Steel, Add	*878.02*	
	For Hot Dip Galvanizing, Add	*3,073.06*	
	For >10 To 25 Tons, Deduct	*-932.89*	
	For >25 To 50 Tons, Deduct	*-1,920.66*	
	For >50 To 75 Tons, Deduct	*-2,743.80*	
	For >75 Tons, Deduct	*-1,371.90*	
05 12 23 00-0009	**Double L Shape Steel Angles** *(05 12 23 00-0005)*		
05 12 23 00-0010	TON Up To 20 Lb./LF Double L Shape Steel Angles	14,751.32	2,031.78
	For ASTM A242 Type 2 High Strength Steel, Add	*895.58*	
	For Hot Dip Galvanizing, Add	*3,134.52*	
	For >10 To 25 Tons, Deduct	*-951.55*	
	For >25 To 50 Tons, Deduct	*-1,959.07*	
	For >50 To 75 Tons, Deduct	*-2,798.68*	
	For >75 Tons, Deduct	*-1,399.34*	
05 12 23 00-0011	**Combination Section Shapes** *(05 12 23 00-0001)*		
05 12 23 00-0012	**Combination Section, W Shapes And Angles** *(05 12 23 00-0011)*		
05 12 23 00-0013	TON Up To 30 Lb./LF Combination Section - W Shapes And Angles	12,705.47	1,502.79
	For ASTM A242 Type 2 High Strength Steel, Add	*788.46*	
	For Hot Dip Galvanizing, Add	*2,759.60*	
	For >10 To 25 Tons, Deduct	*-837.74*	
	For >25 To 50 Tons, Deduct	*-1,724.75*	
	For >50 To 75 Tons, Deduct	*-2,463.93*	
	For >75 Tons, Deduct	*-1,231.97*	
05 12 23 00-0014	TON >30-65 Lb./LF Combination Section - W Shapes And Angles	9,071.58	890.45
	For ASTM A242 Type 2 High Strength Steel, Add	*649.73*	
	For Hot Dip Galvanizing, Add	*2,274.07*	
	For >10 To 25 Tons, Deduct	*-690.34*	
	For >25 To 50 Tons, Deduct	*-1,421.29*	
	For >50 To 75 Tons, Deduct	*-2,030.42*	
	For >75 Tons, Deduct	*-1,015.21*	
05 12 23 00-0015	TON >100-300 Lb./LF Combination Section - W Shapes And Angles	5,684.34	266.63
	For ASTM A242 Type 2 High Strength Steel, Add	*431.98*	
	For Hot Dip Galvanizing, Add	*1,511.95*	
	For >10 To 25 Tons, Deduct	*-458.98*	
	For >25 To 50 Tons, Deduct	*-944.97*	
	For >50 To 75 Tons, Deduct	*-1,349.95*	
	For >75 Tons, Deduct	*-674.98*	
05 12 23 00-0016	**Combination Section, Channels And Angles** *(05 12 23 00-0011)*		
05 12 23 00-0017	TON Up To 30 Lb./LF Combination Section - Channels And Angles	13,385.94	1,502.79
	For ASTM A242 Type 2 High Strength Steel, Add	*842.90*	
	For Hot Dip Galvanizing, Add	*2,950.14*	
	For >10 To 25 Tons, Deduct	*-895.58*	
	For >25 To 50 Tons, Deduct	*-1,843.84*	
	For >50 To 75 Tons, Deduct	*-2,634.05*	
	For >75 Tons, Deduct	*-1,317.03*	
05 12 23 00-0018	**Standard Weight Pipe** *(05 12 23 00-0001)*		
05 12 23 00-0019	TON 1/2" To 5" Diameter Standard Weight Pipe	7,703.46	801.49
	For ASTM A242 Type 2 High Strength Steel, Add	*547.88*	
	For Hot Dip Galvanizing, Add	*1,917.59*	
	For >10 To 25 Tons, Deduct	*-582.13*	
	For >25 To 50 Tons, Deduct	*-1,198.49*	
	For >50 To 75 Tons, Deduct	*-1,712.13*	
	For >75 Tons, Deduct	*-856.07*	
05 12 23 00-0020	TON >5" To 12" Diameter Standard Weight Pipe	8,224.49	1,001.86
	For ASTM A242 Type 2 High Strength Steel, Add	*572.47*	
	For Hot Dip Galvanizing, Add	*2,003.63*	
	For >10 To 25 Tons, Deduct	*-608.25*	
	For >25 To 50 Tons, Deduct	*-1,252.27*	
	For >50 To 75 Tons, Deduct	*-1,788.96*	
	For >75 Tons, Deduct	*-894.48*	
05 12 23 00-0021	**Temporary Steel Support For Structures** *(05 12 23 00-0001)*		
	Note: Includes removal after use.		
05 12 23 00-0022	TON Up To 30 Lb./LF Temporary Steel Support For Structures	10,905.55	
	Note: For all stock sections.		
05 12 23 00-0023	TON >30 Lb./LF Temporary Steel Support For Structures	7,561.38	
	Note: For all stock sections.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0024		**Structural Steel Shapes** *(05 12 23)* Note: Prices by Ton (or LB) are based on ASTM A992/A36 steel with bolted standard beam connections and shop primed with red primer paint. Stock cross-sections only. Includes shop fabrication into sub-assemblies and delivery to site, all connecting bolts, connecting welds, and crane for erection (or demolition). Excludes moment connection welding. See CSI section 05 05 21 00-0007 for moment connection welding, 05 12 23 00-0089 for field fabrication of additional structural metal connections.		
05 12 23 00-0025		**Steel Rods** *(05 12 23 00-0024)*		
05 12 23 00-0026	TON	1/2" To 5" Diameter Extra Strong Steel, Solid	8,306.64	626.23
		For ASTM A242 Type 2 High Strength Steel, Add	*611.10*	
		For Hot Dip Galvanizing, Add	*2,138.85*	
		For >10 To 25 Tons, Deduct	*-649.29*	
		For >25 To 50 Tons, Deduct	*-1,336.78*	
		For >50 To 75 Tons, Deduct	*-1,909.69*	
		For >75 Tons, Deduct	*-954.84*	
05 12 23 00-0027		**Column Base Plates** *(05 12 23 00-0024)*		
05 12 23 00-0028	LB	Column Base Plates, Up To 150 Lb. / Each, A36 Miscellaneous Steel Items	4.17	0.83
		For ASTM A242 Type 2 High Strength Steel, Add	*0.26*	
		For Hot Dip Galvanizing, Add	*0.92*	
05 12 23 00-0029		**Double Extra Strong Pipes** *(05 12 23 00-0024)*		
05 12 23 00-0030	TON	2" To 5" Diameter Double Extra Strong Pipe	9,957.58	1,144.93
		For ASTM A242 Type 2 High Strength Steel, Add	*698.90*	
		For Hot Dip Galvanizing, Add	*2,446.15*	
		For >10 To 25 Tons, Deduct	*-742.58*	
		For >25 To 50 Tons, Deduct	*-1,528.85*	
		For >50 To 75 Tons, Deduct	*-2,184.07*	
		For >75 Tons, Deduct	*-1,092.03*	
05 12 23 00-0031	TON	>5" To 8" Diameter Double Extra Strong Pipe	9,393.89	616.48
		For ASTM A242 Type 2 High Strength Steel, Add	*698.90*	
		For Hot Dip Galvanizing, Add	*2,446.15*	
		For >10 To 25 Tons, Deduct	*-742.58*	
		For >25 To 50 Tons, Deduct	*-1,528.85*	
		For >50 To 75 Tons, Deduct	*-2,184.07*	
		For >75 Tons, Deduct	*-1,092.03*	
05 12 23 00-0032		**Structural Pipes** *(05 12 23 00-0024)*		
05 12 23 00-0033	TON	3" To 5" Outside Diameter Structural Pipe, Extra Heavy A36 Miscellaneous Steel Items	6,960.01	528.98
		For ASTM A242 Type 2 High Strength Steel, Add	*491.69*	
		For Hot Dip Galvanizing, Add	*1,720.91*	
		For >10 To 25 Tons, Deduct	*-522.42*	
		For >25 To 50 Tons, Deduct	*-1,075.57*	
		For >50 To 75 Tons, Deduct	*-1,536.53*	
		For >75 Tons, Deduct	*-768.26*	
05 12 23 00-0034	TON	>5" To 12" Outside Diameter Structural Pipe, Extra Heavy A36 Miscellaneous Steel Items	7,492.02	610.07
		For ASTM A242 Type 2 High Strength Steel, Add	*491.69*	
		For Hot Dip Galvanizing, Add	*1,720.91*	
		For >10 To 25 Tons, Deduct	*-522.42*	
		For >25 To 50 Tons, Deduct	*-1,075.57*	
		For >50 To 75 Tons, Deduct	*-1,536.53*	
		For >75 Tons, Deduct	*-768.26*	
05 12 23 00-0035		**Structural Tubing** *(05 12 23 00-0024)*		
05 12 23 00-0036		**Rectangle Structural Tubing** *(05 12 23 00-0035)*		
05 12 23 00-0037	TON	3" x 2" Weight Range 5-7 Lb./LF Structural Tubing - Rectangle	11,545.15	534.33
		For ASTM A242 Type 2 High Strength Steel, Add	*878.02*	
		For Hot Dip Galvanizing, Add	*3,073.06*	
		For >10 To 25 Tons, Deduct	*-932.89*	
		For >25 To 50 Tons, Deduct	*-1,920.66*	
		For >50 To 75 Tons, Deduct	*-2,743.80*	
		For >75 Tons, Deduct	*-1,371.90*	
05 12 23 00-0038	TON	4" x 3", 2" Weight Range 6-13 Lb./LF Structural Tubing - Rectangle	11,632.83	616.48
		For ASTM A242 Type 2 High Strength Steel, Add	*878.02*	
		For Hot Dip Galvanizing, Add	*3,073.06*	
		For >10 To 25 Tons, Deduct	*-932.89*	
		For >25 To 50 Tons, Deduct	*-1,920.66*	
		For >50 To 75 Tons, Deduct	*-2,743.80*	
		For >75 Tons, Deduct	*-1,371.90*	
05 12 23 00-0039	TON	5" x 4", 3", 2" Weight Range 8-20 Lb./LF Structural Tubing - Rectangle	10,151.12	667.90
		For ASTM A242 Type 2 High Strength Steel, Add	*755.09*	
		For Hot Dip Galvanizing, Add	*2,642.83*	
		For >10 To 25 Tons, Deduct	*-802.29*	
		For >25 To 50 Tons, Deduct	*-1,651.77*	
		For >50 To 75 Tons, Deduct	*-2,359.67*	
		For >75 Tons, Deduct	*-1,179.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0040	TON	6" x 4", 3", 2" Weight Range 9-29 Lb./LF Structural Tubing - Rectangle	9,635.09	801.49
		For ASTM A242 Type 2 High Strength Steel, Add	*702.41*	
		For Hot Dip Galvanizing, Add	*2,458.44*	
		For >10 To 25 Tons, Deduct	*-746.31*	
		For >25 To 50 Tons, Deduct	*-1,536.53*	
		For >50 To 75 Tons, Deduct	*-2,195.04*	
		For >75 Tons, Deduct	*-1,097.52*	

05 12 23 00-0041 Square Structural Tubing *(05 12 23 00-0035)*

05 12 23 00-0042	TON	2" x 2" Weight Range 4-6 Lb./LF Structural Tubing - Square	11,509.53	500.93
		For ASTM A242 Type 2 High Strength Steel, Add	*878.02*	
		For Hot Dip Galvanizing, Add	*3,073.06*	
		For >10 To 25 Tons, Deduct	*-932.89*	
		For >25 To 50 Tons, Deduct	*-1,920.66*	
		For >50 To 75 Tons, Deduct	*-2,743.80*	
		For >75 Tons, Deduct	*-1,371.90*	
05 12 23 00-0043	TON	2.5" x 2.5" Weight Range 5-8 Lb./LF Structural Tubing - Square	11,545.15	534.33
		For ASTM A242 Type 2 High Strength Steel, Add	*878.02*	
		For Hot Dip Galvanizing, Add	*3,073.06*	
		For >10 To 25 Tons, Deduct	*-932.89*	
		For >25 To 50 Tons, Deduct	*-1,920.66*	
		For >50 To 75 Tons, Deduct	*-2,743.80*	
		For >75 Tons, Deduct	*-1,371.90*	
05 12 23 00-0044	TON	3" x 3" Weight Range 6-11 Lb./LF Structural Tubing - Square	10,370.62	667.90
		For ASTM A242 Type 2 High Strength Steel, Add	*772.65*	
		For Hot Dip Galvanizing, Add	*2,704.29*	
		For >10 To 25 Tons, Deduct	*-820.95*	
		For >25 To 50 Tons, Deduct	*-1,690.18*	
		For >50 To 75 Tons, Deduct	*-2,414.55*	
		For >75 Tons, Deduct	*-1,207.27*	
05 12 23 00-0045	TON	3.5" x 3.5" Weight Range 8-13 Lb./LF Structural Tubing - Square	10,293.61	801.49
		For ASTM A242 Type 2 High Strength Steel, Add	*755.09*	
		For Hot Dip Galvanizing, Add	*2,642.83*	
		For >10 To 25 Tons, Deduct	*-802.29*	
		For >25 To 50 Tons, Deduct	*-1,651.77*	
		For >50 To 75 Tons, Deduct	*-2,359.67*	
		For >75 Tons, Deduct	*-1,179.84*	
05 12 23 00-0046	TON	4" x 4" Weight Range 10-22 Lb./LF Structural Tubing - Square	8,268.39	1,001.86
		For ASTM A242 Type 2 High Strength Steel, Add	*575.98*	
		For Hot Dip Galvanizing, Add	*2,015.92*	
		For >10 To 25 Tons, Deduct	*-611.98*	
		For >25 To 50 Tons, Deduct	*-1,259.95*	
		For >50 To 75 Tons, Deduct	*-1,799.93*	
		For >75 Tons, Deduct	*-899.97*	
05 12 23 00-0047	TON	5" x 5" Weight Range 12-30 Lb./LF Structural Tubing - Square	8,421.05	1,144.93
		For ASTM A242 Type 2 High Strength Steel, Add	*575.98*	
		For Hot Dip Galvanizing, Add	*2,015.92*	
		For >10 To 25 Tons, Deduct	*-611.98*	
		For >25 To 50 Tons, Deduct	*-1,259.95*	
		For >50 To 75 Tons, Deduct	*-1,799.93*	
		For >75 Tons, Deduct	*-899.97*	
05 12 23 00-0048	TON	6" x 6" Weight Range 15-35 Lb./LF Structural Tubing - Square	8,909.57	1,602.98
		For ASTM A242 Type 2 High Strength Steel, Add	*575.98*	
		For Hot Dip Galvanizing, Add	*2,015.92*	
		For >10 To 25 Tons, Deduct	*-611.98*	
		For >25 To 50 Tons, Deduct	*-1,259.95*	
		For >50 To 75 Tons, Deduct	*-1,799.93*	
		For >75 Tons, Deduct	*-899.97*	

05 12 23 00-0049 Galvanized Steel Pipe Tubing *(05 12 23 00-0035)*

Note: ASTM A53 Grade B

05 12 23 00-0050	LF	2" Diameter Galvanized Steel Pipe Tubing, Standard Weight	43.85	6.01
05 12 23 00-0051	LF	2-1/2" Diameter Galvanized Steel Pipe Tubing, Standard Weight	48.33	7.16
05 12 23 00-0052	LF	3" Diameter Galvanized Steel Pipe Tubing, Standard Weight	54.12	9.50
05 12 23 00-0053	LF	3-1/2" Diameter Galvanized Steel Pipe Tubing, Standard Weight	58.49	10.59
05 12 23 00-0054	LF	4" Diameter Galvanized Steel Pipe Tubing, Standard Weight	61.31	11.45
05 12 23 00-0055	LF	5" Diameter Galvanized Steel Pipe Tubing, Standard Weight	69.22	14.31
05 12 23 00-0056	LF	6" Diameter Galvanized Steel Pipe Tubing, Standard Weight	77.14	17.17
05 12 23 00-0057	LF	8" Diameter Galvanized Steel Pipe Tubing, Standard Weight	85.10	20.61
05 12 23 00-0058	LF	10" Diameter Galvanized Steel Pipe Tubing, Standard Weight	96.46	25.19
05 12 23 00-0059	LF	12" Diameter Galvanized Steel Pipe Tubing, Standard Weight	114.68	32.05

05 12 23 00-0060 Structural Shapes *(05 12 23 00-0024)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0061	TON	Up To 20 Lb./LF Structural Shapes, Steel Angle A36 Structural Steel, Purlins And Girts	8,438.14	2,950.74
		For ASTM A242 Type 2 High Strength Steel, Add	*300.35*	
		For Hot Dip Galvanizing, Add	*1,051.24*	
		For >20 To 50 Lb./LF, Deduct	*-1,078.00*	
		For >50 To 75 Lb./LF, Deduct	*-1,734.09*	
		For >75 To 100 Lb./LF, Deduct	*-2,390.18*	
		For >10 To 25 Tons, Deduct	*-319.13*	
		For >25 To 50 Tons, Deduct	*-657.03*	
		For >50 To 75 Tons, Deduct	*-938.61*	
		For >75 Tons, Deduct	*-469.30*	
05 12 23 00-0062	TON	Structural Shapes, Steel Plate A36 Structural Steel Note: Up to 21.5 Lb. per SF	8,593.82	1,180.30
		For ASTM A242 Type 2 High Strength Steel, Add	*561.94*	
		For Hot Dip Galvanizing, Add	*1,966.80*	
		For >21.5 To 50 Lb./LF, Deduct	*-937.86*	
		For >10 To 25 Tons, Deduct	*-597.06*	
		For >25 To 50 Tons, Deduct	*-1,229.25*	
		For >50 To 75 Tons, Deduct	*-1,756.07*	
		For >75 Tons, Deduct	*-878.04*	
05 12 23 00-0063	LB	Up To 20 Lb./LF Structural Shapes, Primed Pipe Supports	5.00	0.26
05 12 23 00-0064	LB	Structural Shapes, Galvanized Pipe Supports	6.10	0.26

05 12 23 00-0065 Built-Up Trusses *(05 12 23 00-0024)*

05 12 23 00-0066	TON	Up To 50 LF Span Average Weight 100 Lb./LF Trusses, Built-up	9,361.28	400.74
		For >10 To 25 Tons, Deduct	*-759.37*	
		For >25 To 50 Tons, Deduct	*-1,563.42*	
		For >50 To 75 Tons, Deduct	*-2,233.46*	
		For >75 Tons, Deduct	*-1,116.73*	
05 12 23 00-0067	TON	>50-100 LF Span Average Weight 120 Lb./LF Trusses, Built-up	9,259.10	222.55
		For >10 To 25 Tons, Deduct	*-766.84*	
		For >25 To 50 Tons, Deduct	*-1,578.78*	
		For >50 To 75 Tons, Deduct	*-2,255.41*	
		For >75 Tons, Deduct	*-1,127.70*	
05 12 23 00-0068	TON	>100-200 LF Span Average Weight 150 Lb./LF Trusses, Built-up	8,247.38	117.82
		For >10 To 25 Tons, Deduct	*-690.34*	
		For >25 To 50 Tons, Deduct	*-1,421.29*	
		For >50 To 75 Tons, Deduct	*-2,030.41*	
		For >75 Tons, Deduct	*-1,015.21*	
05 12 23 00-0069	TON	>200 LF Span Average Weight 180 Lb./LF Trusses, Built-up	8,020.89	111.41
		For >10 To 25 Tons, Deduct	*-671.68*	
		For >25 To 50 Tons, Deduct	*-1,382.88*	
		For >50 To 75 Tons, Deduct	*-1,975.54*	
		For >75 Tons, Deduct	*-987.77*	

05 12 23 00-0070 Masonry Plates, Filler Plates, Sole Plates And Anchor Straps *(05 12 23 00-0024)*

Note: Includes shop fabrication, welds, drilling and shop primer.

05 12 23 00-0071	SF	1/4" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	31.31	8.50
05 12 23 00-0072	SF	3/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	46.96	12.71
05 12 23 00-0073	SF	1/2" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	62.60	16.95
05 12 23 00-0074	SF	5/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	78.26	21.18
05 12 23 00-0075	SF	3/4" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	93.91	25.29
05 12 23 00-0076	SF	7/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	109.57	29.65
05 12 23 00-0077	SF	1" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	125.22	33.89
05 12 23 00-0078	SF	1-1/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	140.87	38.12
05 12 23 00-0079	SF	1-1/4" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	156.52	42.36
05 12 23 00-0080	SF	1-3/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	172.17	46.60
05 12 23 00-0081	SF	1-1/2" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	187.82	50.83
05 12 23 00-0082	SF	1-5/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	203.48	55.07
05 12 23 00-0083	SF	1-3/4" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	219.14	59.30
05 12 23 00-0084	SF	1-7/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	234.80	63.53
05 12 23 00-0085	SF	2" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	250.44	67.77

05 12 23 00-0086 Accessories For Steel *(05 12 23)*

05 12 23 00-0087 Field Painting For Touch-Up Of Shop Prime Coat *(05 12 23 00-0086)*

05 12 23 00-0088	SF	Touch Up Paint - Type 1 Red Oxide Field Painting Prime Coat	1.40	

05 12 23 00-0089 Connection And Stiffener Plates *(05 12 23 00-0086)*

Note: For field fabrication of additional structural metal connections.

05 12 23 00-0090	TON	1/8" Plate Weight 6.16 Lb./SF Connection And Stiffener Plates	20,278.40	
		For >10 To 25 Tons, Deduct	*-1,723.66*	
		For >25 To 50 Tons, Deduct	*-3,548.72*	
		For >50 To 75 Tons, Deduct	*-5,069.60*	
		For >75 Tons, Deduct	*-2,534.80*	
05 12 23 00-0091	TON	3/16" Plate Weight 8.71 Lb./SF Connection And Stiffener Plates	17,301.45	
		For >10 To 25 Tons, Deduct	*-1,470.62*	
		For >25 To 50 Tons, Deduct	*-3,027.75*	
		For >50 To 75 Tons, Deduct	*-4,325.36*	
		For >75 Tons, Deduct	*-2,162.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0092	TON	1/4" Plate Weight 11.26 Lb./SF Connection And Stiffener Plates	13,379.56	
		For >10 To 25 Tons, Deduct	*-1,137.26*	
		For >25 To 50 Tons, Deduct	*-2,341.42*	
		For >50 To 75 Tons, Deduct	*-3,344.89*	
		For >75 Tons, Deduct	*-1,672.45*	
05 12 23 00-0093	TON	5/16" Plate Weight 13.81 Lb./SF Connection And Stiffener Plates	13,379.56	
		For >10 To 25 Tons, Deduct	*-1,137.26*	
		For >25 To 50 Tons, Deduct	*-2,341.42*	
		For >50 To 75 Tons, Deduct	*-3,344.89*	
		For >75 Tons, Deduct	*-1,672.45*	
05 12 23 00-0094	TON	3/8" Plate Weight 16.37 Lb./SF Connection And Stiffener Plates	13,379.56	
		For >10 To 25 Tons, Deduct	*-1,137.26*	
		For >25 To 50 Tons, Deduct	*-2,341.42*	
		For >50 To 75 Tons, Deduct	*-3,344.89*	
		For >75 Tons, Deduct	*-1,672.45*	
05 12 23 00-0095	TON	1/2" Plate Weight 21.47 Lb./SF Connection And Stiffener Plates	13,379.56	
		For >10 To 25 Tons, Deduct	*-1,137.26*	
		For >25 To 50 Tons, Deduct	*-2,341.42*	
		For >50 To 75 Tons, Deduct	*-3,344.89*	
		For >75 Tons, Deduct	*-1,672.45*	
05 12 23 00-0096	TON	9/16" Plate Weight 24.02 Lb./SF Connection And Stiffener Plates	13,379.56	
		For >10 To 25 Tons, Deduct	*-1,137.26*	
		For >25 To 50 Tons, Deduct	*-2,341.42*	
		For >50 To 75 Tons, Deduct	*-3,344.89*	
		For >75 Tons, Deduct	*-1,672.45*	
05 12 23 00-0097	TON	5/8" Plate Weight 26.58 Lb./SF Connection And Stiffener Plates	13,379.56	
		For >10 To 25 Tons, Deduct	*-1,137.26*	
		For >25 To 50 Tons, Deduct	*-2,341.42*	
		For >50 To 75 Tons, Deduct	*-3,344.89*	
		For >75 Tons, Deduct	*-1,672.45*	
05 12 23 00-0098	TON	3/4" Plate Weight 31.68 Lb./SF Connection And Stiffener Plates	12,543.34	
		For >10 To 25 Tons, Deduct	*-1,066.18*	
		For >25 To 50 Tons, Deduct	*-2,195.08*	
		For >50 To 75 Tons, Deduct	*-3,135.84*	
		For >75 Tons, Deduct	*-1,567.92*	
05 12 23 00-0099	TON	7/8" Plate Weight 36.78 Lb./SF Connection And Stiffener Plates	12,543.34	
		For >10 To 25 Tons, Deduct	*-1,066.18*	
		For >25 To 50 Tons, Deduct	*-2,195.08*	
		For >50 To 75 Tons, Deduct	*-3,135.84*	
		For >75 Tons, Deduct	*-1,567.92*	
05 12 23 00-0100	TON	1" Plate Weight 41.89 Lb./SF Connection And Stiffener Plates	12,543.34	
		For >10 To 25 Tons, Deduct	*-1,066.18*	
		For >25 To 50 Tons, Deduct	*-2,195.08*	
		For >50 To 75 Tons, Deduct	*-3,135.84*	
		For >75 Tons, Deduct	*-1,567.92*	

05 12 23 00-0101 Field Applied Cold Galvanizing *(05 12 23 00-0086)*

05 12 23 00-0102	SF	Brush Applied Cold Galvanizing	1.87	

05 12 23 00-0103 Metal Grinding *(05 12 23 00-0086)*

Note: For use to prepare existing metal for welding by removing of rust or scale and smoothing surface after torch cutting.

05 12 23 00-0104	SI	Metal Grinding Up To 1/32" Thickness To Be Removed Note: Includes rust or scale removal on metal and smoothing surface.	1.14	

05 12 23 00-0105 Lightweight Framing Steel Shapes *(05 12 23)*

Note: Includes cutting to length. Excludes fasteners or welds. When used with structural steel shapes by TON, connecting bolts or welds are considered included with structural steel tasks by TON.

05 12 23 00-0106 Angle Iron - L *(05 12 23 00-0105)*

05 12 23 00-0107 1/8" Thick *(05 12 23 00-0106)*

05 12 23 00-0108	LF	1/2" x 1/2" x 1/8" Thick, Plain Steel Angle Iron	3.00	1.86
		For >100 To 250, Deduct	*-0.20*	
		For >250 To 500, Deduct	*-0.27*	
		For >500 To 1,000, Deduct	*-0.41*	
		For >1,000, Deduct	*-0.55*	
		For 304 Stainless Steel, Add	*1.48*	
		For 316 Stainless Steel, Add	*1.66*	
		For Aluminum, Add	*0.09*	
		For Galvanized Steel, Add	*0.32*	
		For High Strength Steel (HSS), Add	*0.60*	
05 12 23 00-0109	LF	3/4" x 1/2" x 1/8" Thick, Plain Steel Angle Iron	3.47	2.10
		For >100 To 250, Deduct	*-0.23*	
		For >250 To 500, Deduct	*-0.31*	
		For >500 To 1,000, Deduct	*-0.47*	
		For >1,000, Deduct	*-0.63*	
		For 304 Stainless Steel, Add	*1.88*	
		For 316 Stainless Steel, Add	*2.11*	
		For Aluminum, Add	*0.12*	
		For Galvanized Steel, Add	*0.41*	
		For High Strength Steel (HSS), Add	*0.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0110	LF	3/4" x 3/4" x 1/8" Thick, Plain Steel Angle Iron	3.91	2.33
		For >100 To 250, Deduct	*-0.25*	
		For >250 To 500, Deduct	*-0.35*	
		For >500 To 1,000, Deduct	*-0.53*	
		For >1,000, Deduct	*-0.70*	
		For 304 Stainless Steel, Add	*2.31*	
		For 316 Stainless Steel, Add	*2.59*	
		For Aluminum, Add	*0.15*	
		For Galvanized Steel, Add	*0.50*	
		For High Strength Steel (HSS), Add	*0.78*	
05 12 23 00-0111	LF	1" x 3/4" x 1/8" Thick, Plain Steel Angle Iron	4.38	2.59
		For >100 To 250, Deduct	*-0.28*	
		For >250 To 500, Deduct	*-0.39*	
		For >500 To 1,000, Deduct	*-0.59*	
		For >1,000, Deduct	*-0.78*	
		For 304 Stainless Steel, Add	*2.68*	
		For 316 Stainless Steel, Add	*3.01*	
		For Aluminum, Add	*0.17*	
		For Galvanized Steel, Add	*0.58*	
		For High Strength Steel (HSS), Add	*0.88*	
05 12 23 00-0112	LF	1" x 1" x 1/8" Thick, Plain Steel Angle Iron	4.82	2.79
		For >100 To 250, Deduct	*-0.31*	
		For >250 To 500, Deduct	*-0.43*	
		For >500 To 1,000, Deduct	*-0.64*	
		For >1,000, Deduct	*-0.85*	
		For 304 Stainless Steel, Add	*3.14*	
		For 316 Stainless Steel, Add	*3.52*	
		For Aluminum, Add	*0.20*	
		For Galvanized Steel, Add	*0.68*	
		For High Strength Steel (HSS), Add	*0.96*	
05 12 23 00-0113	LF	1-1/4" x 1-1/4" x 1/8" Thick, Plain Steel Angle Iron	5.77	3.28
		For >100 To 250, Deduct	*-0.36*	
		For >250 To 500, Deduct	*-0.51*	
		For >500 To 1,000, Deduct	*-0.76*	
		For >1,000, Deduct	*-1.02*	
		For 304 Stainless Steel, Add	*3.96*	
		For 316 Stainless Steel, Add	*4.45*	
		For Aluminum, Add	*0.25*	
		For Galvanized Steel, Add	*0.86*	
		For High Strength Steel (HSS), Add	*1.15*	
05 12 23 00-0114	LF	1-1/2" x 1" x 1/8" Thick, Plain Steel Angle Iron	5.77	3.28
		For >100 To 250, Deduct	*-0.36*	
		For >250 To 500, Deduct	*-0.51*	
		For >500 To 1,000, Deduct	*-0.76*	
		For >1,000, Deduct	*-1.02*	
		For 304 Stainless Steel, Add	*3.96*	
		For 316 Stainless Steel, Add	*4.45*	
		For Aluminum, Add	*0.25*	
		For Galvanized Steel, Add	*0.86*	
		For High Strength Steel (HSS), Add	*1.15*	
05 12 23 00-0115	LF	1-1/2" x 1-1/2" x 1/8" Thick, Plain Steel Angle Iron	6.38	3.52
		For >100 To 250, Deduct	*-0.39*	
		For >250 To 500, Deduct	*-0.55*	
		For >500 To 1,000, Deduct	*-0.83*	
		For >1,000, Deduct	*-1.11*	
		For 304 Stainless Steel, Add	*4.79*	
		For 316 Stainless Steel, Add	*5.38*	
		For Aluminum, Add	*0.30*	
		For Galvanized Steel, Add	*1.04*	
		For High Strength Steel (HSS), Add	*1.28*	
05 12 23 00-0116	LF	1-3/4" x 1-3/4" x 1/8" Thick, Plain Steel Angle Iron	6.85	3.64
		For >100 To 250, Deduct	*-0.41*	
		For >250 To 500, Deduct	*-0.59*	
		For >500 To 1,000, Deduct	*-0.88*	
		For >1,000, Deduct	*-1.17*	
		For 304 Stainless Steel, Add	*5.67*	
		For 316 Stainless Steel, Add	*6.37*	
		For Aluminum, Add	*0.36*	
		For Galvanized Steel, Add	*1.23*	
		For High Strength Steel (HSS), Add	*1.37*	
05 12 23 00-0117	LF	2" x 1-1/2" x 1/8" Thick, Plain Steel Angle Iron	6.85	3.64
		For >100 To 250, Deduct	*-0.41*	
		For >250 To 500, Deduct	*-0.59*	
		For >500 To 1,000, Deduct	*-0.88*	
		For >1,000, Deduct	*-1.17*	
		For 304 Stainless Steel, Add	*5.67*	
		For 316 Stainless Steel, Add	*6.37*	
		For Aluminum, Add	*0.36*	
		For Galvanized Steel, Add	*1.23*	
		For High Strength Steel (HSS), Add	*1.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0118	LF	2" x 2" x 1/8" Thick, Plain Steel Angle Iron	7.30	3.77
		For >100 To 250, Deduct	*-0.43*	
		For >250 To 500, Deduct	*-0.62*	
		For >500 To 1,000, Deduct	*-0.92*	
		For >1,000, Deduct	*-1.23*	
		For 304 Stainless Steel, Add	*6.50*	
		For 316 Stainless Steel, Add	*7.30*	
		For Aluminum, Add	*0.41*	
		For Galvanized Steel, Add	*1.41*	
		For High Strength Steel (HSS), Add	*1.46*	
05 12 23 00-0119		3/16" Thick *(05 12 23 00-0106)*		
05 12 23 00-0120	LF	1" x 1" x 3/16" Thick, Plain Steel Angle Iron	5.53	2.95
		For >100 To 250, Deduct	*-0.33*	
		For >250 To 500, Deduct	*-0.47*	
		For >500 To 1,000, Deduct	*-0.71*	
		For >1,000, Deduct	*-0.95*	
		For 304 Stainless Steel, Add	*4.56*	
		For 316 Stainless Steel, Add	*5.12*	
		For Aluminum, Add	*0.29*	
		For Galvanized Steel, Add	*0.99*	
		For High Strength Steel (HSS), Add	*1.11*	
05 12 23 00-0121	LF	1-1/4" x 1-1/4" x 3/16" Thick, Plain Steel Angle Iron	6.67	3.47
		For >100 To 250, Deduct	*-0.40*	
		For >250 To 500, Deduct	*-0.57*	
		For >500 To 1,000, Deduct	*-0.85*	
		For >1,000, Deduct	*-1.13*	
		For 304 Stainless Steel, Add	*5.81*	
		For 316 Stainless Steel, Add	*6.53*	
		For Aluminum, Add	*0.37*	
		For Galvanized Steel, Add	*1.26*	
		For High Strength Steel (HSS), Add	*1.33*	
05 12 23 00-0122	LF	1-1/2" x 1" x 3/16" Thick, Plain Steel Angle Iron	6.67	3.47
		For >100 To 250, Deduct	*-0.40*	
		For >250 To 500, Deduct	*-0.57*	
		For >500 To 1,000, Deduct	*-0.85*	
		For >1,000, Deduct	*-1.13*	
		For 304 Stainless Steel, Add	*5.81*	
		For 316 Stainless Steel, Add	*6.53*	
		For Aluminum, Add	*0.37*	
		For Galvanized Steel, Add	*1.26*	
		For High Strength Steel (HSS), Add	*1.33*	
05 12 23 00-0123	LF	1-1/2" x 1-1/2" x 3/16" Thick, Plain Steel Angle Iron	7.43	3.72
		For >100 To 250, Deduct	*-0.43*	
		For >250 To 500, Deduct	*-0.62*	
		For >500 To 1,000, Deduct	*-0.93*	
		For >1,000, Deduct	*-1.24*	
		For 304 Stainless Steel, Add	*7.07*	
		For 316 Stainless Steel, Add	*7.94*	
		For Aluminum, Add	*0.45*	
		For Galvanized Steel, Add	*1.54*	
		For High Strength Steel (HSS), Add	*1.49*	
05 12 23 00-0124	LF	1-3/4" x 1-3/4" x 3/16" Thick, Plain Steel Angle Iron	8.07	3.85
		For >100 To 250, Deduct	*-0.46*	
		For >250 To 500, Deduct	*-0.66*	
		For >500 To 1,000, Deduct	*-0.99*	
		For >1,000, Deduct	*-1.32*	
		For 304 Stainless Steel, Add	*8.35*	
		For 316 Stainless Steel, Add	*9.38*	
		For Aluminum, Add	*0.53*	
		For Galvanized Steel, Add	*1.82*	
		For High Strength Steel (HSS), Add	*1.61*	
05 12 23 00-0125	LF	2" x 1-1/2" x 3/16" Thick, Plain Steel Angle Iron	8.07	3.86
		For >100 To 250, Deduct	*-0.46*	
		For >250 To 500, Deduct	*-0.66*	
		For >500 To 1,000, Deduct	*-0.99*	
		For >1,000, Deduct	*-1.32*	
		For 304 Stainless Steel, Add	*8.35*	
		For 316 Stainless Steel, Add	*9.38*	
		For Aluminum, Add	*0.53*	
		For Galvanized Steel, Add	*1.82*	
		For High Strength Steel (HSS), Add	*1.61*	
05 12 23 00-0126	LF	2" x 2" x 3/16" Thick, Plain Steel Angle Iron	8.69	3.99
		For >100 To 250, Deduct	*-0.48*	
		For >250 To 500, Deduct	*-0.70*	
		For >500 To 1,000, Deduct	*-1.05*	
		For >1,000, Deduct	*-1.40*	
		For 304 Stainless Steel, Add	*9.60*	
		For 316 Stainless Steel, Add	*10.78*	
		For Aluminum, Add	*0.61*	
		For Galvanized Steel, Add	*2.09*	
		For High Strength Steel (HSS), Add	*1.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0127	LF	2-1/2" x 2" x 3/16" Thick, Plain Steel Angle Iron	9.49	4.27
		For >100 To 250, Deduct	*-0.52*	
		For >250 To 500, Deduct	*-0.76*	
		For >500 To 1,000, Deduct	*-1.14*	
		For >1,000, Deduct	*-1.52*	
		For 304 Stainless Steel, Add	*10.83*	
		For 316 Stainless Steel, Add	*12.16*	
		For Aluminum, Add	*0.68*	
		For Galvanized Steel, Add	*2.36*	
		For High Strength Steel (HSS), Add	*1.90*	
05 12 23 00-0128	LF	2-1/2" x 2-1/2" x 3/16" Thick, Plain Steel Angle Iron	10.36	4.57
		For >100 To 250, Deduct	*-0.56*	
		For >250 To 500, Deduct	*-0.82*	
		For >500 To 1,000, Deduct	*-1.23*	
		For >1,000, Deduct	*-1.65*	
		For 304 Stainless Steel, Add	*12.14*	
		For 316 Stainless Steel, Add	*13.63*	
		For Aluminum, Add	*0.77*	
		For Galvanized Steel, Add	*2.64*	
		For High Strength Steel (HSS), Add	*2.07*	
05 12 23 00-0129	LF	3" x 2" x 3/16" Thick, Plain Steel Angle Iron	10.35	4.57
		For >100 To 250, Deduct	*-0.56*	
		For >250 To 500, Deduct	*-0.82*	
		For >500 To 1,000, Deduct	*-1.23*	
		For >1,000, Deduct	*-1.65*	
		For 304 Stainless Steel, Add	*12.11*	
		For 316 Stainless Steel, Add	*13.60*	
		For Aluminum, Add	*0.77*	
		For Galvanized Steel, Add	*2.64*	
		For High Strength Steel (HSS), Add	*2.07*	
05 12 23 00-0130	LF	3" x 2-1/2" x 3/16" Thick, Plain Steel Angle Iron	11.43	5.05
		For >100 To 250, Deduct	*-0.62*	
		For >250 To 500, Deduct	*-0.91*	
		For >500 To 1,000, Deduct	*-1.36*	
		For >1,000, Deduct	*-1.82*	
		For 304 Stainless Steel, Add	*13.37*	
		For 316 Stainless Steel, Add	*15.01*	
		For Aluminum, Add	*0.84*	
		For Galvanized Steel, Add	*2.91*	
		For High Strength Steel (HSS), Add	*2.29*	
05 12 23 00-0131	LF	3" x 3" x 3/16" Thick, Plain Steel Angle Iron	12.50	5.53
		For >100 To 250, Deduct	*-0.68*	
		For >250 To 500, Deduct	*-0.99*	
		For >500 To 1,000, Deduct	*-1.49*	
		For >1,000, Deduct	*-1.99*	
		For 304 Stainless Steel, Add	*14.62*	
		For 316 Stainless Steel, Add	*16.42*	
		For Aluminum, Add	*0.92*	
		For Galvanized Steel, Add	*3.18*	
		For High Strength Steel (HSS), Add	*2.50*	

05 12 23 00-0132 1/4" Thick *(05 12 23 00-0106)*

05 12 23 00-0133	LF	1" x 1" x 1/4" Thick, Plain Steel Angle Iron	6.59	3.41
		For >100 To 250, Deduct	*-0.39*	
		For >250 To 500, Deduct	*-0.56*	
		For >500 To 1,000, Deduct	*-0.84*	
		For >1,000, Deduct	*-1.11*	
		For 304 Stainless Steel, Add	*5.81*	
		For 316 Stainless Steel, Add	*6.53*	
		For Aluminum, Add	*0.37*	
		For Galvanized Steel, Add	*1.26*	
		For High Strength Steel (HSS), Add	*1.32*	
05 12 23 00-0134	LF	1-1/4" x 1-1/4" x 1/4" Thick, Plain Steel Angle Iron	7.52	3.66
		For >100 To 250, Deduct	*-0.43*	
		For >250 To 500, Deduct	*-0.62*	
		For >500 To 1,000, Deduct	*-0.93*	
		For >1,000, Deduct	*-1.24*	
		For 304 Stainless Steel, Add	*7.50*	
		For 316 Stainless Steel, Add	*8.42*	
		For Aluminum, Add	*0.47*	
		For Galvanized Steel, Add	*1.63*	
		For High Strength Steel (HSS), Add	*1.50*	
05 12 23 00-0135	LF	1-1/2" x 1" x 1/4" Thick, Plain Steel Angle Iron	7.51	3.66
		For >100 To 250, Deduct	*-0.43*	
		For >250 To 500, Deduct	*-0.62*	
		For >500 To 1,000, Deduct	*-0.93*	
		For >1,000, Deduct	*-1.24*	
		For 304 Stainless Steel, Add	*7.47*	
		For 316 Stainless Steel, Add	*8.38*	
		For Aluminum, Add	*0.47*	
		For Galvanized Steel, Add	*1.62*	
		For High Strength Steel (HSS), Add	*1.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0136	LF	1-1/2" x 1-1/2" x 1/4" Thick, Plain Steel Angle Iron	8.43	3.93
		For >100 To 250, Deduct	*-0.47*	
		For >250 To 500, Deduct	*-0.68*	
		For >500 To 1,000, Deduct	*-1.02*	
		For >1,000, Deduct	*-1.37*	
		For 304 Stainless Steel, Add	*9.12*	
		For 316 Stainless Steel, Add	*10.24*	
		For Aluminum, Add	*0.58*	
		For Galvanized Steel, Add	*1.98*	
		For High Strength Steel (HSS), Add	*1.69*	
05 12 23 00-0137	LF	1-3/4" x 1-3/4" x 1/4" Thick, Plain Steel Angle Iron	9.25	4.05
		For >100 To 250, Deduct	*-0.50*	
		For >250 To 500, Deduct	*-0.73*	
		For >500 To 1,000, Deduct	*-1.10*	
		For >1,000, Deduct	*-1.47*	
		For 304 Stainless Steel, Add	*10.94*	
		For 316 Stainless Steel, Add	*12.29*	
		For Aluminum, Add	*0.69*	
		For Galvanized Steel, Add	*2.38*	
		For High Strength Steel (HSS), Add	*1.85*	
05 12 23 00-0138	LF	2" x 1" x 1/4" Thick, Plain Steel Angle Iron	8.21	3.80
		For >100 To 250, Deduct	*-0.45*	
		For >250 To 500, Deduct	*-0.66*	
		For >500 To 1,000, Deduct	*-0.99*	
		For >1,000, Deduct	*-1.32*	
		For 304 Stainless Steel, Add	*9.21*	
		For 316 Stainless Steel, Add	*10.34*	
		For Aluminum, Add	*0.58*	
		For Galvanized Steel, Add	*2.00*	
		For High Strength Steel (HSS), Add	*1.64*	
05 12 23 00-0139	LF	2" x 1-1/2" x 1/4" Thick, Plain Steel Angle Iron	9.23	4.05
		For >100 To 250, Deduct	*-0.50*	
		For >250 To 500, Deduct	*-0.73*	
		For >500 To 1,000, Deduct	*-1.10*	
		For >1,000, Deduct	*-1.46*	
		For 304 Stainless Steel, Add	*10.89*	
		For 316 Stainless Steel, Add	*12.22*	
		For Aluminum, Add	*0.69*	
		For Galvanized Steel, Add	*2.37*	
		For High Strength Steel (HSS), Add	*1.85*	
05 12 23 00-0140	LF	2" x 2" x 1/4" Thick, Plain Steel Angle Iron	9.98	4.18
		For >100 To 250, Deduct	*-0.53*	
		For >250 To 500, Deduct	*-0.78*	
		For >500 To 1,000, Deduct	*-1.17*	
		For >1,000, Deduct	*-1.56*	
		For 304 Stainless Steel, Add	*12.54*	
		For 316 Stainless Steel, Add	*14.08*	
		For Aluminum, Add	*0.79*	
		For Galvanized Steel, Add	*2.73*	
		For High Strength Steel (HSS), Add	*2.00*	
05 12 23 00-0141	LF	2-1/2" x 2" x 1/4" Thick, Plain Steel Angle Iron	11.19	4.63
		For >100 To 250, Deduct	*-0.59*	
		For >250 To 500, Deduct	*-0.87*	
		For >500 To 1,000, Deduct	*-1.30*	
		For >1,000, Deduct	*-1.74*	
		For 304 Stainless Steel, Add	*14.28*	
		For 316 Stainless Steel, Add	*16.03*	
		For Aluminum, Add	*0.90*	
		For Galvanized Steel, Add	*3.11*	
		For High Strength Steel (HSS), Add	*2.24*	
05 12 23 00-0142	LF	2-1/2" x 2-1/2" x 1/4" Thick, Plain Steel Angle Iron	12.44	5.08
		For >100 To 250, Deduct	*-0.65*	
		For >250 To 500, Deduct	*-0.96*	
		For >500 To 1,000, Deduct	*-1.44*	
		For >1,000, Deduct	*-1.92*	
		For 304 Stainless Steel, Add	*16.13*	
		For 316 Stainless Steel, Add	*18.11*	
		For Aluminum, Add	*1.02*	
		For Galvanized Steel, Add	*3.51*	
		For High Strength Steel (HSS), Add	*2.49*	
05 12 23 00-0143	LF	3" x 2" x 1/4" Thick, Plain Steel Angle Iron	12.44	5.08
		For >100 To 250, Deduct	*-0.65*	
		For >250 To 500, Deduct	*-0.96*	
		For >500 To 1,000, Deduct	*-1.44*	
		For >1,000, Deduct	*-1.92*	
		For 304 Stainless Steel, Add	*16.13*	
		For 316 Stainless Steel, Add	*18.11*	
		For Aluminum, Add	*1.02*	
		For Galvanized Steel, Add	*3.51*	
		For High Strength Steel (HSS), Add	*2.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0144	LF	3" x 2-1/2" x 1/4" Thick, Plain Steel Angle Iron	13.74	5.64
		For >100 To 250, Deduct	*-0.72*	
		For >250 To 500, Deduct	*-1.06*	
		For >500 To 1,000, Deduct	*-1.59*	
		For >1,000, Deduct	*-2.13*	
		For 304 Stainless Steel, Add	*17.73*	
		For 316 Stainless Steel, Add	*19.90*	
		For Aluminum, Add	*1.12*	
		For Galvanized Steel, Add	*3.86*	
		For High Strength Steel (HSS), Add	*2.75*	
05 12 23 00-0145	LF	3" x 3" x 1/4" Thick, Plain Steel Angle Iron	15.03	6.19
		For >100 To 250, Deduct	*-0.79*	
		For >250 To 500, Deduct	*-1.17*	
		For >500 To 1,000, Deduct	*-1.75*	
		For >1,000, Deduct	*-2.33*	
		For 304 Stainless Steel, Add	*19.27*	
		For 316 Stainless Steel, Add	*21.63*	
		For Aluminum, Add	*1.22*	
		For Galvanized Steel, Add	*4.19*	
		For High Strength Steel (HSS), Add	*3.01*	
05 12 23 00-0146	LF	3-1/2" x 3" x 1/4" Thick, Plain Steel Angle Iron	16.33	6.67
		For >100 To 250, Deduct	*-0.85*	
		For >250 To 500, Deduct	*-1.26*	
		For >500 To 1,000, Deduct	*-1.89*	
		For >1,000, Deduct	*-2.52*	
		For 304 Stainless Steel, Add	*21.23*	
		For 316 Stainless Steel, Add	*23.84*	
		For Aluminum, Add	*1.34*	
		For Galvanized Steel, Add	*4.62*	
		For High Strength Steel (HSS), Add	*3.27*	
05 12 23 00-0147	LF	3-1/2" x 3-1/2" x 1/4" Thick, Plain Steel Angle Iron	17.30	0.69
		For >100 To 250, Deduct	*-0.90*	
		For >250 To 500, Deduct	*-1.33*	
		For >500 To 1,000, Deduct	*-1.99*	
		For >1,000, Deduct	*-2.66*	
		For 304 Stainless Steel, Add	*22.86*	
		For 316 Stainless Steel, Add	*25.66*	
		For Aluminum, Add	*1.44*	
		For Galvanized Steel, Add	*4.97*	
		For High Strength Steel (HSS), Add	*3.46*	
05 12 23 00-0148	LF	4" x 3" x 1/4" Thick, Plain Steel Angle Iron	17.30	6.96
		For >100 To 250, Deduct	*-0.90*	
		For >250 To 500, Deduct	*-1.33*	
		For >500 To 1,000, Deduct	*-1.99*	
		For >1,000, Deduct	*-2.66*	
		For 304 Stainless Steel, Add	*22.86*	
		For 316 Stainless Steel, Add	*25.66*	
		For Aluminum, Add	*1.44*	
		For Galvanized Steel, Add	*4.97*	
		For High Strength Steel (HSS), Add	*3.46*	
05 12 23 00-0149	LF	4" x 3-1/2" x 1/4" Thick, Plain Steel Angle Iron	18.22	7.25
		For >100 To 250, Deduct	*-0.94*	
		For >250 To 500, Deduct	*-1.39*	
		For >500 To 1,000, Deduct	*-2.09*	
		For >1,000, Deduct	*-2.79*	
		For 304 Stainless Steel, Add	*24.37*	
		For 316 Stainless Steel, Add	*27.36*	
		For Aluminum, Add	*1.54*	
		For Galvanized Steel, Add	*5.30*	
		For High Strength Steel (HSS), Add	*3.64*	
05 12 23 00-0150	LF	4" x 4" x 1/4" Thick, Plain Steel Angle Iron	19.21	7.56
		For >100 To 250, Deduct	*-0.98*	
		For >250 To 500, Deduct	*-1.46*	
		For >500 To 1,000, Deduct	*-2.20*	
		For >1,000, Deduct	*-2.93*	
		For 304 Stainless Steel, Add	*26.02*	
		For 316 Stainless Steel, Add	*29.22*	
		For Aluminum, Add	*1.64*	
		For Galvanized Steel, Add	*5.66*	
		For High Strength Steel (HSS), Add	*3.84*	
05 12 23 00-0151	LF	5" x 3" x 1/4" Thick, Plain Steel Angle Iron	19.21	7.56
		For >100 To 250, Deduct	*-0.98*	
		For >250 To 500, Deduct	*-1.46*	
		For >500 To 1,000, Deduct	*-2.20*	
		For >1,000, Deduct	*-2.93*	
		For 304 Stainless Steel, Add	*26.02*	
		For 316 Stainless Steel, Add	*29.22*	
		For Aluminum, Add	*1.64*	
		For Galvanized Steel, Add	*5.66*	
		For High Strength Steel (HSS), Add	*3.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0152	LF	5" x 3-1/2" x 1/4" Thick, Plain Steel Angle Iron	20.28	7.96
		For >100 To 250, Deduct	*-1.04*	
		For >250 To 500, Deduct	*-1.55*	
		For >500 To 1,000, Deduct	*-2.32*	
		For >1,000, Deduct	*-3.09*	
		For 304 Stainless Steel, Add	*27.53*	
		For 316 Stainless Steel, Add	*30.91*	
		For Aluminum, Add	*1.74*	
		For Galvanized Steel, Add	*5.99*	
		For High Strength Steel (HSS), Add	*4.06*	
05 12 23 00-0153		5/16" Thick *(05 12 23 00-0106)*		
05 12 23 00-0154	LF	2-1/2" x 2" x 5/16" Thick, Plain Steel Angle Iron	13.40	5.39
		For >100 To 250, Deduct	*-0.69*	
		For >250 To 500, Deduct	*-1.03*	
		For >500 To 1,000, Deduct	*-1.54*	
		For >1,000, Deduct	*-2.06*	
		For 304 Stainless Steel, Add	*17.73*	
		For 316 Stainless Steel, Add	*19.90*	
		For Aluminum, Add	*1.12*	
		For Galvanized Steel, Add	*3.86*	
		For High Strength Steel (HSS), Add	*2.68*	
05 12 23 00-0155	LF	2-1/2" x 2-1/2" x 5/16" Thick, Plain Steel Angle Iron	14.52	5.71
		For >100 To 250, Deduct	*-0.74*	
		For >250 To 500, Deduct	*-1.11*	
		For >500 To 1,000, Deduct	*-1.66*	
		For >1,000, Deduct	*-2.21*	
		For 304 Stainless Steel, Add	*19.69*	
		For 316 Stainless Steel, Add	*22.11*	
		For Aluminum, Add	*1.24*	
		For Galvanized Steel, Add	*4.28*	
		For High Strength Steel (HSS), Add	*2.90*	
05 12 23 00-0156	LF	3" x 2" x 5/16" Thick, Plain Steel Angle Iron	14.52	5.71
		For >100 To 250, Deduct	*-0.74*	
		For >250 To 500, Deduct	*-1.11*	
		For >500 To 1,000, Deduct	*-1.66*	
		For >1,000, Deduct	*-2.21*	
		For 304 Stainless Steel, Add	*19.69*	
		For 316 Stainless Steel, Add	*22.11*	
		For Aluminum, Add	*1.24*	
		For Galvanized Steel, Add	*4.28*	
		For High Strength Steel (HSS), Add	*2.90*	
05 12 23 00-0157	LF	3" x 2-1/2" x 5/16" Thick, Plain Steel Angle Iron	16.09	6.26
		For >100 To 250, Deduct	*-0.82*	
		For >250 To 500, Deduct	*-1.22*	
		For >500 To 1,000, Deduct	*-1.83*	
		For >1,000, Deduct	*-2.44*	
		For 304 Stainless Steel, Add	*22.06*	
		For 316 Stainless Steel, Add	*24.77*	
		For Aluminum, Add	*1.39*	
		For Galvanized Steel, Add	*4.80*	
		For High Strength Steel (HSS), Add	*3.22*	
05 12 23 00-0158	LF	3" x 3" x 5/16" Thick, Plain Steel Angle Iron	17.51	6.81
		For >100 To 250, Deduct	*-0.89*	
		For >250 To 500, Deduct	*-1.33*	
		For >500 To 1,000, Deduct	*-1.99*	
		For >1,000, Deduct	*-2.66*	
		For 304 Stainless Steel, Add	*24.05*	
		For 316 Stainless Steel, Add	*27.01*	
		For Aluminum, Add	*1.52*	
		For Galvanized Steel, Add	*5.23*	
		For High Strength Steel (HSS), Add	*3.50*	
05 12 23 00-0159	LF	3-1/2" x 3" x 5/16" Thick, Plain Steel Angle Iron	18.66	7.15
		For >100 To 250, Deduct	*-0.94*	
		For >250 To 500, Deduct	*-1.41*	
		For >500 To 1,000, Deduct	*-2.11*	
		For >1,000, Deduct	*-2.82*	
		For 304 Stainless Steel, Add	*26.02*	
		For 316 Stainless Steel, Add	*29.22*	
		For Aluminum, Add	*1.64*	
		For Galvanized Steel, Add	*5.66*	
		For High Strength Steel (HSS), Add	*3.73*	
05 12 23 00-0160	LF	3-1/2" x 3-1/2" x 5/16" Thick, Plain Steel Angle Iron	19.93	7.50
		For >100 To 250, Deduct	*-1.00*	
		For >250 To 500, Deduct	*-1.50*	
		For >500 To 1,000, Deduct	*-2.24*	
		For >1,000, Deduct	*-2.99*	
		For 304 Stainless Steel, Add	*28.30*	
		For 316 Stainless Steel, Add	*31.78*	
		For Aluminum, Add	*1.79*	
		For Galvanized Steel, Add	*6.16*	
		For High Strength Steel (HSS), Add	*3.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0161	LF	4" x 3" x 5/16" Thick, Plain Steel Angle Iron	19.93	7.50
		For >100 To 250, Deduct	*-1.00*	
		For >250 To 500, Deduct	*-1.50*	
		For >500 To 1,000, Deduct	*-2.24*	
		For >1,000, Deduct	*-2.99*	
		For 304 Stainless Steel, Add	*28.30*	
		For 316 Stainless Steel, Add	*31.78*	
		For Aluminum, Add	*1.79*	
		For Galvanized Steel, Add	*6.16*	
		For High Strength Steel (HSS), Add	*3.99*	
05 12 23 00-0162	LF	4" x 3-1/2" x 5/16" Thick, Plain Steel Angle Iron	21.20	7.93
		For >100 To 250, Deduct	*-1.06*	
		For >250 To 500, Deduct	*-1.59*	
		For >500 To 1,000, Deduct	*-2.38*	
		For >1,000, Deduct	*-3.18*	
		For 304 Stainless Steel, Add	*30.27*	
		For 316 Stainless Steel, Add	*33.98*	
		For Aluminum, Add	*1.91*	
		For Galvanized Steel, Add	*6.58*	
		For High Strength Steel (HSS), Add	*4.24*	
05 12 23 00-0163	LF	4" x 4" x 5/16" Thick, Plain Steel Angle Iron	22.39	8.29
		For >100 To 250, Deduct	*-1.11*	
		For >250 To 500, Deduct	*-1.67*	
		For >500 To 1,000, Deduct	*-2.51*	
		For >1,000, Deduct	*-3.34*	
		For 304 Stainless Steel, Add	*32.32*	
		For 316 Stainless Steel, Add	*36.29*	
		For Aluminum, Add	*2.04*	
		For Galvanized Steel, Add	*7.03*	
		For High Strength Steel (HSS), Add	*4.48*	
05 12 23 00-0164	LF	5" x 3" x 5/16" Thick, Plain Steel Angle Iron	22.39	8.29
		For >100 To 250, Deduct	*-1.11*	
		For >250 To 500, Deduct	*-1.67*	
		For >500 To 1,000, Deduct	*-2.51*	
		For >1,000, Deduct	*-3.34*	
		For 304 Stainless Steel, Add	*32.32*	
		For 316 Stainless Steel, Add	*36.29*	
		For Aluminum, Add	*2.04*	
		For Galvanized Steel, Add	*7.03*	
		For High Strength Steel (HSS), Add	*4.48*	
05 12 23 00-0165	LF	5" x 3-1/2" x 5/16" Thick, Plain Steel Angle Iron	23.51	8.63
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-1.75*	
		For >500 To 1,000, Deduct	*-2.63*	
		For >1,000, Deduct	*-3.50*	
		For 304 Stainless Steel, Add	*34.20*	
		For 316 Stainless Steel, Add	*38.40*	
		For Aluminum, Add	*2.16*	
		For Galvanized Steel, Add	*7.44*	
		For High Strength Steel (HSS), Add	*4.70*	
05 12 23 00-0166	LF	5" x 5" x 5/16" Thick, Plain Steel Angle Iron	26.23	8.99
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.91*	
		For >500 To 1,000, Deduct	*-2.87*	
		For >1,000, Deduct	*-3.82*	
		For 304 Stainless Steel, Add	*40.58*	
		For 316 Stainless Steel, Add	*45.57*	
		For Aluminum, Add	*2.56*	
		For Galvanized Steel, Add	*8.83*	
		For High Strength Steel (HSS), Add	*5.25*	
05 12 23 00-0167	LF	6" x 3-1/2" x 5/16" Thick, Plain Steel Angle Iron	26.02	9.37
		For >100 To 250, Deduct	*-1.28*	
		For >250 To 500, Deduct	*-1.93*	
		For >500 To 1,000, Deduct	*-2.89*	
		For >1,000, Deduct	*-3.85*	
		For 304 Stainless Steel, Add	*38.53*	
		For 316 Stainless Steel, Add	*43.26*	
		For Aluminum, Add	*2.43*	
		For Galvanized Steel, Add	*8.38*	
		For High Strength Steel (HSS), Add	*5.20*	

05 12 23 00-0168 3/8" Thick *(05 12 23 00-0106)*

05 12 23 00-0169	LF	3" x 2" x 3/8" Thick, Plain Steel Angle Iron	16.10	5.97
		For >100 To 250, Deduct	*-0.80*	
		For >250 To 500, Deduct	*-1.20*	
		For >500 To 1,000, Deduct	*-1.80*	
		For >1,000, Deduct	*-2.41*	
		For 304 Stainless Steel, Add	*23.20*	
		For 316 Stainless Steel, Add	*26.05*	
		For Aluminum, Add	*1.47*	
		For Galvanized Steel, Add	*5.05*	
		For High Strength Steel (HSS), Add	*3.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0170	LF	3" x 2-1/2" x 3/8" Thick, Plain Steel Angle Iron	17.76	6.47
		For >100 To 250, Deduct	*-0.88*	
		For >250 To 500, Deduct	*-1.32*	
		For >500 To 1,000, Deduct	*-1.98*	
		For >1,000, Deduct	*-2.64*	
		For 304 Stainless Steel, Add	*26.02*	
		For 316 Stainless Steel, Add	*29.22*	
		For Aluminum, Add	*1.64*	
		For Galvanized Steel, Add	*5.66*	
		For High Strength Steel (HSS), Add	*3.55*	
05 12 23 00-0171	LF	3" x 3" x 3/8" Thick, Plain Steel Angle Iron	19.22	6.97
		For >100 To 250, Deduct	*-0.95*	
		For >250 To 500, Deduct	*-1.43*	
		For >500 To 1,000, Deduct	*-2.14*	
		For >1,000, Deduct	*-2.85*	
		For 304 Stainless Steel, Add	*28.30*	
		For 316 Stainless Steel, Add	*31.78*	
		For Aluminum, Add	*1.79*	
		For Galvanized Steel, Add	*6.16*	
		For High Strength Steel (HSS), Add	*3.84*	
05 12 23 00-0172	LF	3-1/2" x 3" x 3/8" Thick, Plain Steel Angle Iron	20.48	7.16
		For >100 To 250, Deduct	*-0.99*	
		For >250 To 500, Deduct	*-1.50*	
		For >500 To 1,000, Deduct	*-2.25*	
		For >1,000, Deduct	*-3.00*	
		For 304 Stainless Steel, Add	*31.15*	
		For 316 Stainless Steel, Add	*34.98*	
		For Aluminum, Add	*1.97*	
		For Galvanized Steel, Add	*6.78*	
		For High Strength Steel (HSS), Add	*4.10*	
05 12 23 00-0173	LF	3-1/2" x 3-1/2" x 3/8" Thick, Plain Steel Angle Iron	21.81	7.55
		For >100 To 250, Deduct	*-1.05*	
		For >250 To 500, Deduct	*-1.59*	
		For >500 To 1,000, Deduct	*-2.39*	
		For >1,000, Deduct	*-3.19*	
		For 304 Stainless Steel, Add	*33.43*	
		For 316 Stainless Steel, Add	*37.54*	
		For Aluminum, Add	*2.11*	
		For Galvanized Steel, Add	*7.27*	
		For High Strength Steel (HSS), Add	*4.36*	
05 12 23 00-0174	LF	4" x 3" x 3/8" Thick, Plain Steel Angle Iron	21.81	7.55
		For >100 To 250, Deduct	*-1.05*	
		For >250 To 500, Deduct	*-1.59*	
		For >500 To 1,000, Deduct	*-2.39*	
		For >1,000, Deduct	*-3.19*	
		For 304 Stainless Steel, Add	*33.43*	
		For 316 Stainless Steel, Add	*37.54*	
		For Aluminum, Add	*2.11*	
		For Galvanized Steel, Add	*7.27*	
		For High Strength Steel (HSS), Add	*4.36*	
05 12 23 00-0175	LF	4" x 3-1/2" x 3/8" Thick, Plain Steel Angle Iron	23.52	8.24
		For >100 To 250, Deduct	*-1.14*	
		For >250 To 500, Deduct	*-1.72*	
		For >500 To 1,000, Deduct	*-2.59*	
		For >1,000, Deduct	*-3.45*	
		For 304 Stainless Steel, Add	*35.77*	
		For 316 Stainless Steel, Add	*40.16*	
		For Aluminum, Add	*2.26*	
		For Galvanized Steel, Add	*7.78*	
		For High Strength Steel (HSS), Add	*4.70*	
05 12 23 00-0176	LF	4" x 4" x 3/8" Thick, Plain Steel Angle Iron	24.82	8.47
		For >100 To 250, Deduct	*-1.19*	
		For >250 To 500, Deduct	*-1.81*	
		For >500 To 1,000, Deduct	*-2.71*	
		For >1,000, Deduct	*-3.61*	
		For 304 Stainless Steel, Add	*38.53*	
		For 316 Stainless Steel, Add	*43.26*	
		For Aluminum, Add	*2.43*	
		For Galvanized Steel, Add	*8.38*	
		For High Strength Steel (HSS), Add	*4.96*	
05 12 23 00-0177	LF	5" x 3" x 3/8" Thick, Plain Steel Angle Iron	25.26	8.81
		For >100 To 250, Deduct	*-1.22*	
		For >250 To 500, Deduct	*-1.85*	
		For >500 To 1,000, Deduct	*-2.78*	
		For >1,000, Deduct	*-3.70*	
		For 304 Stainless Steel, Add	*38.53*	
		For 316 Stainless Steel, Add	*43.26*	
		For Aluminum, Add	*2.43*	
		For Galvanized Steel, Add	*8.38*	
		For High Strength Steel (HSS), Add	*5.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0178	LF	5" x 3-1/2" x 3/8" Thick, Plain Steel Angle Iron	27.01	9.49
		For >100 To 250, Deduct	*-1.31*	
		For >250 To 500, Deduct	*-1.98*	
		For >500 To 1,000, Deduct	*-2.98*	
		For >1,000, Deduct	*-3.97*	
		For 304 Stainless Steel, Add	*40.90*	
		For 316 Stainless Steel, Add	*45.92*	
		For Aluminum, Add	*2.58*	
		For Galvanized Steel, Add	*8.90*	
		For High Strength Steel (HSS), Add	*5.40*	
05 12 23 00-0179	LF	5" x 5" x 3/8" Thick, Plain Steel Angle Iron	31.76	11.07
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-2.33*	
		For >500 To 1,000, Deduct	*-3.49*	
		For >1,000, Deduct	*-4.65*	
		For 304 Stainless Steel, Add	*48.48*	
		For 316 Stainless Steel, Add	*54.43*	
		For Aluminum, Add	*3.06*	
		For Galvanized Steel, Add	*10.55*	
		For High Strength Steel (HSS), Add	*6.35*	
05 12 23 00-0180	LF	6" x 3-1/2" x 3/8" Thick, Plain Steel Angle Iron	29.85	10.28
		For >100 To 250, Deduct	*-1.43*	
		For >250 To 500, Deduct	*-2.18*	
		For >500 To 1,000, Deduct	*-3.27*	
		For >1,000, Deduct	*-4.36*	
		For 304 Stainless Steel, Add	*46.00*	
		For 316 Stainless Steel, Add	*51.65*	
		For Aluminum, Add	*2.91*	
		For Galvanized Steel, Add	*10.01*	
		For High Strength Steel (HSS), Add	*5.97*	
05 12 23 00-0181	LF	6" x 4" x 3/8" Thick, Plain Steel Angle Iron	31.76	11.07
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-2.33*	
		For >500 To 1,000, Deduct	*-3.49*	
		For >1,000, Deduct	*-4.65*	
		For 304 Stainless Steel, Add	*48.48*	
		For 316 Stainless Steel, Add	*54.43*	
		For Aluminum, Add	*3.06*	
		For Galvanized Steel, Add	*10.55*	
		For High Strength Steel (HSS), Add	*6.35*	
05 12 23 00-0182	LF	6" x 6" x 3/8" Thick, Plain Steel Angle Iron	38.30	13.28
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.80*	
		For >500 To 1,000, Deduct	*-4.20*	
		For >1,000, Deduct	*-5.60*	
		For 304 Stainless Steel, Add	*58.74*	
		For 316 Stainless Steel, Add	*65.95*	
		For Aluminum, Add	*3.71*	
		For Galvanized Steel, Add	*12.78*	
		For High Strength Steel (HSS), Add	*7.66*	
05 12 23 00-0183	LF	7" x 4" x 3/8" Thick, Plain Steel Angle Iron	35.03	12.17
		For >100 To 250, Deduct	*-1.69*	
		For >250 To 500, Deduct	*-2.56*	
		For >500 To 1,000, Deduct	*-3.84*	
		For >1,000, Deduct	*-5.13*	
		For 304 Stainless Steel, Add	*53.58*	
		For 316 Stainless Steel, Add	*60.16*	
		For Aluminum, Add	*3.38*	
		For Galvanized Steel, Add	*11.66*	
		For High Strength Steel (HSS), Add	*7.01*	

05 12 23 00-0184 1/2" Thick *(05 12 23 00-0106)*

05 12 23 00-0185	LF	3" x 3" x 1/2" Thick, Plain Steel Angle Iron	22.49	7.12
		For >100 To 250, Deduct	*-1.04*	
		For >250 To 500, Deduct	*-1.60*	
		For >500 To 1,000, Deduct	*-2.40*	
		For >1,000, Deduct	*-3.20*	
		For 304 Stainless Steel, Add	*37.05*	
		For 316 Stainless Steel, Add	*41.60*	
		For Aluminum, Add	*2.34*	
		For Galvanized Steel, Add	*8.06*	
		For High Strength Steel (HSS), Add	*4.50*	
05 12 23 00-0186	LF	4" x 3" x 1/2" Thick, Plain Steel Angle Iron	26.57	8.41
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.89*	
		For >500 To 1,000, Deduct	*-2.83*	
		For >1,000, Deduct	*-3.78*	
		For 304 Stainless Steel, Add	*43.75*	
		For 316 Stainless Steel, Add	*49.12*	
		For Aluminum, Add	*2.76*	
		For Galvanized Steel, Add	*9.52*	
		For High Strength Steel (HSS), Add	*5.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0187	LF	4" x 3-1/2" x 1/2" Thick, Plain Steel Angle Iron	28.48	9.01
		For >100 To 250, Deduct	*-1.31*	
		For >250 To 500, Deduct	*-2.03*	
		For >500 To 1,000, Deduct	*-3.04*	
		For >1,000, Deduct	*-4.05*	
		For 304 Stainless Steel, Add	*46.91*	
		For 316 Stainless Steel, Add	*52.67*	
		For Aluminum, Add	*2.96*	
		For Galvanized Steel, Add	*10.21*	
		For High Strength Steel (HSS), Add	*5.70*	
05 12 23 00-0188	LF	4" x 4" x 1/2" Thick, Plain Steel Angle Iron	30.63	9.70
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-2.18*	
		For >500 To 1,000, Deduct	*-3.27*	
		For >1,000, Deduct	*-4.36*	
		For 304 Stainless Steel, Add	*50.45*	
		For 316 Stainless Steel, Add	*56.64*	
		For Aluminum, Add	*3.19*	
		For Galvanized Steel, Add	*10.97*	
		For High Strength Steel (HSS), Add	*6.13*	
05 12 23 00-0189	LF	5" x 3" x 1/2" Thick, Plain Steel Angle Iron	30.63	9.70
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-2.18*	
		For >500 To 1,000, Deduct	*-3.27*	
		For >1,000, Deduct	*-4.36*	
		For 304 Stainless Steel, Add	*50.45*	
		For 316 Stainless Steel, Add	*56.64*	
		For Aluminum, Add	*3.19*	
		For Galvanized Steel, Add	*10.97*	
		For High Strength Steel (HSS), Add	*6.13*	
05 12 23 00-0190	LF	5" x 3-1/2" x 1/2" Thick, Plain Steel Angle Iron	32.55	10.30
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-2.31*	
		For >500 To 1,000, Deduct	*-3.47*	
		For >1,000, Deduct	*-4.63*	
		For 304 Stainless Steel, Add	*53.61*	
		For 316 Stainless Steel, Add	*60.19*	
		For Aluminum, Add	*3.39*	
		For Galvanized Steel, Add	*11.66*	
		For High Strength Steel (HSS), Add	*6.51*	
05 12 23 00-0191	LF	5" x 5" x 1/2" Thick, Plain Steel Angle Iron	38.77	12.27
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.76*	
		For >500 To 1,000, Deduct	*-4.14*	
		For >1,000, Deduct	*-5.51*	
		For 304 Stainless Steel, Add	*63.84*	
		For 316 Stainless Steel, Add	*71.68*	
		For Aluminum, Add	*4.03*	
		For Galvanized Steel, Add	*13.89*	
		For High Strength Steel (HSS), Add	*7.75*	
05 12 23 00-0192	LF	6" x 4" x 1/2" Thick, Plain Steel Angle Iron	38.77	12.27
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.76*	
		For >500 To 1,000, Deduct	*-4.14*	
		For >1,000, Deduct	*-5.51*	
		For 304 Stainless Steel, Add	*63.84*	
		For 316 Stainless Steel, Add	*71.68*	
		For Aluminum, Add	*4.03*	
		For Galvanized Steel, Add	*13.89*	
		For High Strength Steel (HSS), Add	*7.75*	
05 12 23 00-0193	LF	6" x 6" x 1/2" Thick, Plain Steel Angle Iron	46.90	14.85
		For >100 To 250, Deduct	*-2.16*	
		For >250 To 500, Deduct	*-3.34*	
		For >500 To 1,000, Deduct	*-5.00*	
		For >1,000, Deduct	*-6.67*	
		For 304 Stainless Steel, Add	*77.24*	
		For 316 Stainless Steel, Add	*86.72*	
		For Aluminum, Add	*4.88*	
		For Galvanized Steel, Add	*16.80*	
		For High Strength Steel (HSS), Add	*9.38*	
05 12 23 00-0194	LF	7" x 4" x 1/2" Thick, Plain Steel Angle Iron	42.82	13.56
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-3.05*	
		For >500 To 1,000, Deduct	*-4.57*	
		For >1,000, Deduct	*-6.09*	
		For 304 Stainless Steel, Add	*70.51*	
		For 316 Stainless Steel, Add	*79.17*	
		For Aluminum, Add	*4.45*	
		For Galvanized Steel, Add	*15.34*	
		For High Strength Steel (HSS), Add	*8.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0195	LF	8" x 4" x 1/2" Thick, Plain Steel Angle Iron	46.90	14.85
		For >100 To 250, Deduct	*-2.16*	
		For >250 To 500, Deduct	*-3.34*	
		For >500 To 1,000, Deduct	*-5.00*	
		For >1,000, Deduct	*-6.67*	
		For 304 Stainless Steel, Add	*77.24*	
		For 316 Stainless Steel, Add	*86.72*	
		For Aluminum, Add	*4.88*	
		For Galvanized Steel, Add	*16.80*	
		For High Strength Steel (HSS), Add	*9.38*	
05 12 23 00-0196	LF	8" x 6" x 1/2" Thick, Plain Steel Angle Iron	55.05	17.43
		For >100 To 250, Deduct	*-2.54*	
		For >250 To 500, Deduct	*-3.91*	
		For >500 To 1,000, Deduct	*-5.87*	
		For >1,000, Deduct	*-7.83*	
		For 304 Stainless Steel, Add	*90.66*	
		For 316 Stainless Steel, Add	*101.79*	
		For Aluminum, Add	*5.73*	
		For Galvanized Steel, Add	*19.72*	
		For High Strength Steel (HSS), Add	*11.01*	
05 12 23 00-0197	LF	8" x 8" x 1/2" Thick, Plain Steel Angle Iron	63.17	20.01
		For >100 To 250, Deduct	*-2.91*	
		For >250 To 500, Deduct	*-4.49*	
		For >500 To 1,000, Deduct	*-6.74*	
		For >1,000, Deduct	*-8.98*	
		For 304 Stainless Steel, Add	*104.03*	
		For 316 Stainless Steel, Add	*116.80*	
		For Aluminum, Add	*6.57*	
		For Galvanized Steel, Add	*22.63*	
		For High Strength Steel (HSS), Add	*12.63*	
05 12 23 00-0198		5/8" Thick *(05 12 23 00-0106)*		
05 12 23 00-0199	LF	4" x 4" x 5/8" Thick, Plain Steel Angle Iron	36.53	11.12
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.57*	
		For >500 To 1,000, Deduct	*-3.85*	
		For >1,000, Deduct	*-5.14*	
		For 316 Stainless Steel, Add	*69.47*	
		For Aluminum, Add	*3.91*	
		For Galvanized Steel, Add	*13.46*	
		For High Strength Steel (HSS), Add	*7.31*	
05 12 23 00-0200	LF	5" x 3-1/2" x 5/8" Thick, Plain Steel Angle Iron	39.11	11.90
		For >100 To 250, Deduct	*-1.77*	
		For >250 To 500, Deduct	*-2.75*	
		For >500 To 1,000, Deduct	*-4.12*	
		For >1,000, Deduct	*-5.50*	
		For 316 Stainless Steel, Add	*74.37*	
		For Aluminum, Add	*4.18*	
		For Galvanized Steel, Add	*14.41*	
		For High Strength Steel (HSS), Add	*7.82*	
05 12 23 00-0201	LF	5" x 5" x 5/8" Thick, Plain Steel Angle Iron	46.54	14.17
		For >100 To 250, Deduct	*-2.11*	
		For >250 To 500, Deduct	*-3.27*	
		For >500 To 1,000, Deduct	*-4.91*	
		For >1,000, Deduct	*-6.54*	
		For 316 Stainless Steel, Add	*88.48*	
		For Aluminum, Add	*4.98*	
		For Galvanized Steel, Add	*17.14*	
		For High Strength Steel (HSS), Add	*9.31*	
05 12 23 00-0202	LF	6" x 4" x 5/8" Thick, Plain Steel Angle Iron	46.54	14.17
		For >100 To 250, Deduct	*-2.11*	
		For >250 To 500, Deduct	*-3.27*	
		For >500 To 1,000, Deduct	*-4.91*	
		For >1,000, Deduct	*-6.54*	
		For 316 Stainless Steel, Add	*88.48*	
		For Aluminum, Add	*4.98*	
		For Galvanized Steel, Add	*17.14*	
		For High Strength Steel (HSS), Add	*9.31*	
05 12 23 00-0203	LF	6" x 6" x 5/8" Thick, Plain Steel Angle Iron	56.32	17.14
		For >100 To 250, Deduct	*-2.55*	
		For >250 To 500, Deduct	*-3.96*	
		For >500 To 1,000, Deduct	*-5.94*	
		For >1,000, Deduct	*-7.92*	
		For 316 Stainless Steel, Add	*107.10*	
		For Aluminum, Add	*6.02*	
		For Galvanized Steel, Add	*20.75*	
		For High Strength Steel (HSS), Add	*11.26*	
05 12 23 00-0204	LF	7" x 4" x 5/8" Thick, Plain Steel Angle Iron	51.43	15.65
		For >100 To 250, Deduct	*-2.33*	
		For >250 To 500, Deduct	*-3.62*	
		For >500 To 1,000, Deduct	*-5.42*	
		For >1,000, Deduct	*-7.23*	
		For 316 Stainless Steel, Add	*97.79*	
		For Aluminum, Add	*5.50*	
		For Galvanized Steel, Add	*18.95*	
		For High Strength Steel (HSS), Add	*10.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0205	LF	8" x 6" x 5/8" Thick, Plain Steel Angle Iron	66.32	20.19
		For >100 To 250, Deduct	*-3.00*	
		For >250 To 500, Deduct	*-4.66*	
		For >500 To 1,000, Deduct	*-6.99*	
		For >1,000, Deduct	*-9.32*	
		For 316 Stainless Steel, Add	*126.11*	
		For Aluminum, Add	*7.09*	
		For Galvanized Steel, Add	*24.43*	
		For High Strength Steel (HSS), Add	*13.26*	
05 12 23 00-0206	LF	8" x 8" x 5/8" Thick, Plain Steel Angle Iron	76.10	23.16
		For >100 To 250, Deduct	*-3.45*	
		For >250 To 500, Deduct	*-5.35*	
		For >500 To 1,000, Deduct	*-8.02*	
		For >1,000, Deduct	*-10.70*	
		For 316 Stainless Steel, Add	*144.70*	
		For Aluminum, Add	*8.14*	
		For Galvanized Steel, Add	*28.04*	
		For High Strength Steel (HSS), Add	*15.22*	
05 12 23 00-0207		3/4" Thick *(05 12 23 00-0106)*		
05 12 23 00-0208	LF	4" x 4" x 3/4" Thick, Plain Steel Angle Iron	41.97	12.28
		For >100 To 250, Deduct	*-1.87*	
		For >250 To 500, Deduct	*-2.92*	
		For >500 To 1,000, Deduct	*-4.38*	
		For >1,000, Deduct	*-5.84*	
		For 316 Stainless Steel, Add	*81.89*	
		For Aluminum, Add	*4.61*	
		For Galvanized Steel, Add	*15.87*	
		For High Strength Steel (HSS), Add	*8.39*	
05 12 23 00-0209	LF	5" x 3-1/2" x 3/4" Thick, Plain Steel Angle Iron	44.91	13.15
		For >100 To 250, Deduct	*-2.00*	
		For >250 To 500, Deduct	*-3.12*	
		For >500 To 1,000, Deduct	*-4.68*	
		For >1,000, Deduct	*-6.24*	
		For 316 Stainless Steel, Add	*87.62*	
		For Aluminum, Add	*4.93*	
		For Galvanized Steel, Add	*16.98*	
		For High Strength Steel (HSS), Add	*8.98*	
05 12 23 00-0210	LF	5" x 5" x 3/4" Thick, Plain Steel Angle Iron	53.53	15.68
		For >100 To 250, Deduct	*-2.38*	
		For >250 To 500, Deduct	*-3.72*	
		For >500 To 1,000, Deduct	*-5.58*	
		For >1,000, Deduct	*-7.44*	
		For 316 Stainless Steel, Add	*104.45*	
		For Aluminum, Add	*5.88*	
		For Galvanized Steel, Add	*20.24*	
		For High Strength Steel (HSS), Add	*10.71*	
05 12 23 00-0211	LF	6" x 4" x 3/4" Thick, Plain Steel Angle Iron	53.53	15.68
		For >100 To 250, Deduct	*-2.38*	
		For >250 To 500, Deduct	*-3.72*	
		For >500 To 1,000, Deduct	*-5.58*	
		For >1,000, Deduct	*-7.44*	
		For 316 Stainless Steel, Add	*104.45*	
		For Aluminum, Add	*5.88*	
		For Galvanized Steel, Add	*20.24*	
		For High Strength Steel (HSS), Add	*10.71*	
05 12 23 00-0212	LF	6" x 6" x 3/4" Thick, Plain Steel Angle Iron	65.10	19.05
		For >100 To 250, Deduct	*-2.90*	
		For >250 To 500, Deduct	*-4.53*	
		For >500 To 1,000, Deduct	*-6.79*	
		For >1,000, Deduct	*-9.05*	
		For 316 Stainless Steel, Add	*127.01*	
		For Aluminum, Add	*7.14*	
		For Galvanized Steel, Add	*24.61*	
		For High Strength Steel (HSS), Add	*13.02*	
05 12 23 00-0213	LF	7" x 4" x 3/4" Thick, Plain Steel Angle Iron	59.42	17.40
		For >100 To 250, Deduct	*-2.65*	
		For >250 To 500, Deduct	*-4.13*	
		For >500 To 1,000, Deduct	*-6.20*	
		For >1,000, Deduct	*-8.26*	
		For 316 Stainless Steel, Add	*115.94*	
		For Aluminum, Add	*6.52*	
		For Galvanized Steel, Add	*22.46*	
		For High Strength Steel (HSS), Add	*11.88*	
05 12 23 00-0214	LF	8" x 4" x 3/4" Thick, Plain Steel Angle Iron	65.10	19.05
		For >100 To 250, Deduct	*-2.90*	
		For >250 To 500, Deduct	*-4.53*	
		For >500 To 1,000, Deduct	*-6.79*	
		For >1,000, Deduct	*-9.05*	
		For 316 Stainless Steel, Add	*127.01*	
		For Aluminum, Add	*7.14*	
		For Galvanized Steel, Add	*24.61*	
		For High Strength Steel (HSS), Add	*13.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0215	LF	8" x 6" x 3/4" Thick, Plain Steel Angle Iron	76.67	22.43
		For >100 To 250, Deduct	*-3.41*	
		For >250 To 500, Deduct	*-5.33*	
		For >500 To 1,000, Deduct	*-7.99*	
		For >1,000, Deduct	*-10.66*	
		For 316 Stainless Steel, Add	*149.60*	
		For Aluminum, Add	*8.42*	
		For Galvanized Steel, Add	*28.99*	
		For High Strength Steel (HSS), Add	*15.33*	
05 12 23 00-0216	LF	8" x 8" x 3/4" Thick, Plain Steel Angle Iron	88.24	25.83
		For >100 To 250, Deduct	*-3.93*	
		For >250 To 500, Deduct	*-6.13*	
		For >500 To 1,000, Deduct	*-9.20*	
		For >1,000, Deduct	*-12.27*	
		For 316 Stainless Steel, Add	*172.16*	
		For Aluminum, Add	*9.68*	
		For Galvanized Steel, Add	*33.36*	
		For High Strength Steel (HSS), Add	*17.65*	

05 12 23 00-0217 7/8" Thick *(05 12 23 00-0106)*

05 12 23 00-0218	LF	5" x 5" x 7/8" Thick, Plain Steel Angle Iron	60.08	16.85
		For >100 To 250, Deduct	*-2.63*	
		For >250 To 500, Deduct	*-4.13*	
		For >500 To 1,000, Deduct	*-6.19*	
		For >1,000, Deduct	*-8.26*	
		For 316 Stainless Steel, Add	*120.35*	
		For Aluminum, Add	*6.77*	
		For Galvanized Steel, Add	*23.32*	
		For High Strength Steel (HSS), Add	*12.02*	
05 12 23 00-0219	LF	6" x 4" x 7/8" Thick, Plain Steel Angle Iron	60.08	16.85
		For >100 To 250, Deduct	*-2.63*	
		For >250 To 500, Deduct	*-4.13*	
		For >500 To 1,000, Deduct	*-6.19*	
		For >1,000, Deduct	*-8.26*	
		For 316 Stainless Steel, Add	*120.35*	
		For Aluminum, Add	*6.77*	
		For Galvanized Steel, Add	*23.32*	
		For High Strength Steel (HSS), Add	*12.02*	
05 12 23 00-0220	LF	6" x 6" x 7/8" Thick, Plain Steel Angle Iron	73.13	20.51
		For >100 To 250, Deduct	*-3.20*	
		For >250 To 500, Deduct	*-5.02*	
		For >500 To 1,000, Deduct	*-7.54*	
		For >1,000, Deduct	*-10.05*	
		For 316 Stainless Steel, Add	*146.50*	
		For Aluminum, Add	*8.24*	
		For Galvanized Steel, Add	*28.38*	
		For High Strength Steel (HSS), Add	*14.63*	
05 12 23 00-0221	LF	8" x 6" x 7/8" Thick, Plain Steel Angle Iron	86.37	24.23
		For >100 To 250, Deduct	*-3.77*	
		For >250 To 500, Deduct	*-5.93*	
		For >500 To 1,000, Deduct	*-8.90*	
		For >1,000, Deduct	*-11.87*	
		For 316 Stainless Steel, Add	*173.02*	
		For Aluminum, Add	*9.73*	
		For Galvanized Steel, Add	*33.52*	
		For High Strength Steel (HSS), Add	*17.27*	
05 12 23 00-0222	LF	8" x 8" x 7/8" Thick, Plain Steel Angle Iron	99.40	27.89
		For >100 To 250, Deduct	*-4.34*	
		For >250 To 500, Deduct	*-6.83*	
		For >500 To 1,000, Deduct	*-10.24*	
		For >1,000, Deduct	*-13.66*	
		For 316 Stainless Steel, Add	*199.10*	
		For Aluminum, Add	*11.20*	
		For Galvanized Steel, Add	*38.58*	
		For High Strength Steel (HSS), Add	*19.88*	

05 12 23 00-0223 Bar Channel *(05 12 23 00-0105)*

05 12 23 00-0224	LF	1" x 1/2" x 1/8" Thick Bar Channel	5.23	
		For 304 Stainless Steel, Add	*4.30*	
		For 316 Stainless Steel, Add	*4.83*	
		For Aluminum, Add	*0.27*	
		For Galvanized Steel, Add	*0.94*	
		For High Strength Steel (HSS), Add	*1.05*	
05 12 23 00-0225	LF	1-1/4" x 1/2" x 1/8" Thick Bar Channel	5.85	
		For 304 Stainless Steel, Add	*5.13*	
		For 316 Stainless Steel, Add	*5.76*	
		For Aluminum, Add	*0.32*	
		For Galvanized Steel, Add	*1.12*	
		For High Strength Steel (HSS), Add	*1.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0226	LF	1-1/2" x 1/2" x 1/8" Thick Bar Channel	6.37	
		For 304 Stainless Steel, Add	*5.67*	
		For 316 Stainless Steel, Add	*6.37*	
		For Aluminum, Add	*0.36*	
		For Galvanized Steel, Add	*1.23*	
		For High Strength Steel (HSS), Add	*1.27*	
05 12 23 00-0227	LF	1-1/2" x 3/4" x 1/8" Thick Bar Channel	7.32	
		For 304 Stainless Steel, Add	*5.93*	
		For 316 Stainless Steel, Add	*6.66*	
		For Aluminum, Add	*0.37*	
		For Galvanized Steel, Add	*1.29*	
		For High Strength Steel (HSS), Add	*1.46*	
05 12 23 00-0228	LF	2" x 1/2" x 1/8" Thick Bar Channel	7.79	
		For 304 Stainless Steel, Add	*7.27*	
		For 316 Stainless Steel, Add	*8.16*	
		For Aluminum, Add	*0.46*	
		For Galvanized Steel, Add	*1.58*	
05 12 23 00-0229	LF	2" x 1" x 1/8" Thick Bar Channel	10.32	
		For 304 Stainless Steel, Add	*8.09*	
		For 316 Stainless Steel, Add	*9.09*	
		For Aluminum, Add	*0.51*	
		For Galvanized Steel, Add	*1.76*	

05 12 23 00-0230 Channels - C *(05 12 23 00-0105)*

05 12 23 00-0231	LF	C2 x 1.78 - 2" Wide Channel	8.58	4.62
		For >100 To 250, Deduct	*-0.52*	
		For >250 To 500, Deduct	*-0.74*	
		For >500 To 1,000, Deduct	*-1.11*	
		For >1,000, Deduct	*-1.47*	
		For 304 Stainless Steel, Add	*6.90*	
		For 316 Stainless Steel, Add	*7.74*	
		For Aluminum, Add	*0.44*	
		For Galvanized Steel, Add	*1.50*	
05 12 23 00-0232	LF	C3 x 4.1 - 3" Wide Channel	14.52	6.64
		For >100 To 250, Deduct	*-0.81*	
		For >250 To 500, Deduct	*-1.17*	
		For >500 To 1,000, Deduct	*-1.75*	
		For >1,000, Deduct	*-2.34*	
		For 304 Stainless Steel, Add	*16.16*	
		For 316 Stainless Steel, Add	*18.14*	
		For Aluminum, Add	*1.02*	
		For Galvanized Steel, Add	*3.52*	
05 12 23 00-0233	LF	C3 x 5 - 3" Wide Channel	17.71	8.10
		For >100 To 250, Deduct	*-0.98*	
		For >250 To 500, Deduct	*-1.43*	
		For >500 To 1,000, Deduct	*-2.14*	
		For >1,000, Deduct	*-2.85*	
		For 304 Stainless Steel, Add	*19.69*	
		For 316 Stainless Steel, Add	*22.11*	
		For Aluminum, Add	*1.24*	
		For Galvanized Steel, Add	*4.28*	
05 12 23 00-0234	LF	C3 x 6 - 3" Wide Channel	21.26	9.72
		For >100 To 250, Deduct	*-1.18*	
		For >250 To 500, Deduct	*-1.71*	
		For >500 To 1,000, Deduct	*-2.57*	
		For >1,000, Deduct	*-3.42*	
		For 304 Stainless Steel, Add	*23.66*	
		For 316 Stainless Steel, Add	*26.56*	
		For Aluminum, Add	*1.49*	
		For Galvanized Steel, Add	*5.15*	
05 12 23 00-0235	LF	C4 x 5.4 - 4" Wide Channel	18.09	7.96
		For >100 To 250, Deduct	*-0.98*	
		For >250 To 500, Deduct	*-1.44*	
		For >500 To 1,000, Deduct	*-2.15*	
		For >1,000, Deduct	*-2.87*	
		For 304 Stainless Steel, Add	*21.29*	
		For 316 Stainless Steel, Add	*23.90*	
		For Aluminum, Add	*1.34*	
		For Galvanized Steel, Add	*4.63*	
05 12 23 00-0236	LF	C4 x 7.25 - 4" Wide Channel	24.28	10.69
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.93*	
		For >500 To 1,000, Deduct	*-2.89*	
		For >1,000, Deduct	*-3.85*	
		For 304 Stainless Steel, Add	*28.56*	
		For 316 Stainless Steel, Add	*32.06*	
		For Aluminum, Add	*1.80*	
		For Galvanized Steel, Add	*6.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0237	LF	C5 x 6.7 - 5" Wide Channel	21.65	9.29
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-1.70*	
		For >500 To 1,000, Deduct	*-2.55*	
		For >1,000, Deduct	*-3.40*	
		For 304 Stainless Steel, Add	*26.39*	
		For 316 Stainless Steel, Add	*29.63*	
		For Aluminum, Add	*1.67*	
		For Galvanized Steel, Add	*5.74*	
05 12 23 00-0238	LF	C5 x 9 - 5" Wide Channel	29.08	12.48
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-2.29*	
		For >500 To 1,000, Deduct	*-3.43*	
		For >1,000, Deduct	*-4.57*	
		For 304 Stainless Steel, Add	*35.45*	
		For 316 Stainless Steel, Add	*39.81*	
		For Aluminum, Add	*2.24*	
		For Galvanized Steel, Add	*7.71*	
05 12 23 00-0239	LF	C6 x 8.2 - 6" Wide Channel	26.21	11.16
		For >100 To 250, Deduct	*-1.40*	
		For >250 To 500, Deduct	*-2.05*	
		For >500 To 1,000, Deduct	*-3.08*	
		For >1,000, Deduct	*-4.11*	
		For 304 Stainless Steel, Add	*32.32*	
		For 316 Stainless Steel, Add	*36.29*	
		For Aluminum, Add	*2.04*	
		For Galvanized Steel, Add	*7.03*	
05 12 23 00-0240	LF	C6 x 10.5 - 6" Wide Channel	33.56	14.28
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.63*	
		For >500 To 1,000, Deduct	*-3.95*	
		For >1,000, Deduct	*-5.26*	
		For 304 Stainless Steel, Add	*41.38*	
		For 316 Stainless Steel, Add	*46.46*	
		For Aluminum, Add	*2.61*	
		For Galvanized Steel, Add	*9.00*	
05 12 23 00-0241	LF	C6 x 13 - 6" Wide Channel	41.55	17.68
		For >100 To 250, Deduct	*-2.22*	
		For >250 To 500, Deduct	*-3.26*	
		For >500 To 1,000, Deduct	*-4.88*	
		For >1,000, Deduct	*-6.51*	
		For 304 Stainless Steel, Add	*51.21*	
		For 316 Stainless Steel, Add	*57.50*	
		For Aluminum, Add	*3.23*	
		For Galvanized Steel, Add	*11.14*	
05 12 23 00-0242	LF	C7 x 9.8 - 7" Wide Channel	31.25	13.28
		For >100 To 250, Deduct	*-1.67*	
		For >250 To 500, Deduct	*-2.45*	
		For >500 To 1,000, Deduct	*-3.67*	
		For >1,000, Deduct	*-4.90*	
		For 304 Stainless Steel, Add	*38.62*	
		For 316 Stainless Steel, Add	*43.36*	
		For Aluminum, Add	*2.44*	
		For Galvanized Steel, Add	*8.40*	
05 12 23 00-0243	LF	C7 x 12.25 - 7" Wide Channel	39.07	16.59
		For >100 To 250, Deduct	*-2.08*	
		For >250 To 500, Deduct	*-3.06*	
		For >500 To 1,000, Deduct	*-4.59*	
		For >1,000, Deduct	*-6.12*	
		For 304 Stainless Steel, Add	*48.28*	
		For 316 Stainless Steel, Add	*54.21*	
		For Aluminum, Add	*3.05*	
		For Galvanized Steel, Add	*10.50*	
05 12 23 00-0244	LF	C7 x 14.75 - 7" Wide Channel	47.04	19.99
		For >100 To 250, Deduct	*-2.51*	
		For >250 To 500, Deduct	*-3.68*	
		For >500 To 1,000, Deduct	*-5.53*	
		For >1,000, Deduct	*-7.37*	
		For 304 Stainless Steel, Add	*58.11*	
		For 316 Stainless Steel, Add	*65.25*	
		For Aluminum, Add	*3.67*	
		For Galvanized Steel, Add	*12.64*	
05 12 23 00-0245	LF	C8 x 11.5 - 8" Wide Channel	35.38	14.61
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.74*	
		For >500 To 1,000, Deduct	*-4.11*	
		For >1,000, Deduct	*-5.49*	
		For 304 Stainless Steel, Add	*45.32*	
		For 316 Stainless Steel, Add	*50.88*	
		For Aluminum, Add	*2.86*	
		For Galvanized Steel, Add	*9.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0246	LF	C8 x 13.75 - 8" Wide Channel	42.30	17.47
		For >100 To 250, Deduct	*-2.22*	
		For >250 To 500, Deduct	*-3.28*	
		For >500 To 1,000, Deduct	*-4.92*	
		For >1,000, Deduct	*-6.56*	
		For 304 Stainless Steel, Add	*54.18*	
		For 316 Stainless Steel, Add	*60.83*	
		For Aluminum, Add	*3.42*	
		For Galvanized Steel, Add	*11.79*	
05 12 23 00-0247	LF	C8 x 18.75 - 8" Wide Channel	57.67	23.82
		For >100 To 250, Deduct	*-3.03*	
		For >250 To 500, Deduct	*-4.47*	
		For >500 To 1,000, Deduct	*-6.71*	
		For >1,000, Deduct	*-8.94*	
		For 304 Stainless Steel, Add	*73.87*	
		For 316 Stainless Steel, Add	*82.94*	
		For Aluminum, Add	*4.67*	
		For Galvanized Steel, Add	*16.07*	
05 12 23 00-0248	LF	C9 x 13.4 - 9" Wide Channel	41.22	17.02
		For >100 To 250, Deduct	*-2.17*	
		For >250 To 500, Deduct	*-3.20*	
		For >500 To 1,000, Deduct	*-4.79*	
		For >1,000, Deduct	*-6.39*	
		For 304 Stainless Steel, Add	*52.81*	
		For 316 Stainless Steel, Add	*59.30*	
		For Aluminum, Add	*3.34*	
		For Galvanized Steel, Add	*11.49*	
05 12 23 00-0249	LF	C9 x 15 - 9" Wide Channel	46.14	19.05
		For >100 To 250, Deduct	*-2.42*	
		For >250 To 500, Deduct	*-3.58*	
		For >500 To 1,000, Deduct	*-5.37*	
		For >1,000, Deduct	*-7.15*	
		For 304 Stainless Steel, Add	*59.11*	
		For 316 Stainless Steel, Add	*66.37*	
		For Aluminum, Add	*3.73*	
		For Galvanized Steel, Add	*12.86*	
05 12 23 00-0250	LF	C9 x 20 - 9" Wide Channel	61.52	25.40
		For >100 To 250, Deduct	*-3.23*	
		For >250 To 500, Deduct	*-4.77*	
		For >500 To 1,000, Deduct	*-7.15*	
		For >1,000, Deduct	*-9.54*	
		For 304 Stainless Steel, Add	*78.80*	
		For 316 Stainless Steel, Add	*88.48*	
		For Aluminum, Add	*4.98*	
		For Galvanized Steel, Add	*17.14*	
05 12 23 00-0251	LF	C10 x 15.3 - 10" Wide Channel	47.06	19.43
		For >100 To 250, Deduct	*-2.47*	
		For >250 To 500, Deduct	*-3.65*	
		For >500 To 1,000, Deduct	*-5.47*	
		For >1,000, Deduct	*-7.30*	
		For 304 Stainless Steel, Add	*60.28*	
		For 316 Stainless Steel, Add	*67.68*	
		For Aluminum, Add	*3.81*	
		For Galvanized Steel, Add	*13.11*	
05 12 23 00-0252	LF	C10 x 20 - 10" Wide Channel	61.52	25.40
		For >100 To 250, Deduct	*-3.23*	
		For >250 To 500, Deduct	*-4.77*	
		For >500 To 1,000, Deduct	*-7.15*	
		For >1,000, Deduct	*-9.54*	
		For 304 Stainless Steel, Add	*78.80*	
		For 316 Stainless Steel, Add	*88.48*	
		For Aluminum, Add	*4.98*	
		For Galvanized Steel, Add	*17.14*	
05 12 23 00-0253	LF	C10 x 25 - 10" Wide Channel	76.91	31.75
		For >100 To 250, Deduct	*-4.04*	
		For >250 To 500, Deduct	*-5.96*	
		For >500 To 1,000, Deduct	*-8.94*	
		For >1,000, Deduct	*-11.93*	
		For 304 Stainless Steel, Add	*98.52*	
		For 316 Stainless Steel, Add	*110.62*	
		For Aluminum, Add	*6.22*	
		For Galvanized Steel, Add	*21.43*	
05 12 23 00-0254	LF	C10 x 30 - 10" Wide Channel	92.28	38.10
		For >100 To 250, Deduct	*-4.85*	
		For >250 To 500, Deduct	*-7.15*	
		For >500 To 1,000, Deduct	*-10.73*	
		For >1,000, Deduct	*-14.31*	
		For 304 Stainless Steel, Add	*118.22*	
		For 316 Stainless Steel, Add	*132.74*	
		For Aluminum, Add	*7.47*	
		For Galvanized Steel, Add	*25.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0255	LF	C12 x 20.7 - 12" Wide Channel	63.68	26.30
		For >100 To 250, Deduct	*-3.35*	
		For >250 To 500, Deduct	*-4.94*	
		For >500 To 1,000, Deduct	*-7.41*	
		For >1,000, Deduct	*-9.87*	
		For 304 Stainless Steel, Add	*81.57*	
		For 316 Stainless Steel, Add	*91.58*	
		For Aluminum, Add	*5.15*	
		For Galvanized Steel, Add	*17.74*	
05 12 23 00-0256	LF	C12 x 25 - 12" Wide Channel	76.91	31.75
		For >100 To 250, Deduct	*-4.04*	
		For >250 To 500, Deduct	*-5.96*	
		For >500 To 1,000, Deduct	*-8.94*	
		For >1,000, Deduct	*-11.93*	
		For 304 Stainless Steel, Add	*98.52*	
		For 316 Stainless Steel, Add	*110.62*	
		For Aluminum, Add	*6.22*	
		For Galvanized Steel, Add	*21.43*	
05 12 23 00-0257	LF	C12 x 30 - 12" Wide Channel	92.28	38.10
		For >100 To 250, Deduct	*-4.85*	
		For >250 To 500, Deduct	*-7.15*	
		For >500 To 1,000, Deduct	*-10.73*	
		For >1,000, Deduct	*-14.31*	
		For 304 Stainless Steel, Add	*118.22*	
		For 316 Stainless Steel, Add	*132.74*	
		For Aluminum, Add	*7.47*	
		For Galvanized Steel, Add	*25.72*	
05 12 23 00-0258	LF	C15 x 33.9 - 15" Wide Channel	104.28	43.05
		For >100 To 250, Deduct	*-5.48*	
		For >250 To 500, Deduct	*-8.08*	
		For >500 To 1,000, Deduct	*-12.13*	
		For >1,000, Deduct	*-16.17*	
		For 304 Stainless Steel, Add	*133.58*	
		For 316 Stainless Steel, Add	*149.98*	
		For Aluminum, Add	*8.44*	
		For Galvanized Steel, Add	*29.06*	
05 12 23 00-0259	LF	C15 x 40 - 15" Wide Channel	123.05	50.80
		For >100 To 250, Deduct	*-6.46*	
		For >250 To 500, Deduct	*-9.54*	
		For >500 To 1,000, Deduct	*-14.31*	
		For >1,000, Deduct	*-19.08*	
		For 304 Stainless Steel, Add	*157.63*	
		For 316 Stainless Steel, Add	*176.99*	
		For Aluminum, Add	*9.96*	
		For Galvanized Steel, Add	*34.29*	
05 12 23 00-0260	LF	C15 x 50 - 15" Wide Channel	153.81	63.50
		For >100 To 250, Deduct	*-8.08*	
		For >250 To 500, Deduct	*-11.92*	
		For >500 To 1,000, Deduct	*-17.89*	
		For >1,000, Deduct	*-23.85*	
		For 304 Stainless Steel, Add	*197.02*	
		For 316 Stainless Steel, Add	*221.22*	
		For Aluminum, Add	*12.44*	
		For Galvanized Steel, Add	*42.86*	

05 12 23 00-0261 Miscellaneous Channels - MC *(05 12 23 00-0105)*

05 12 23 00-0262	LF	MC6 x 12 - 6" Wide Channel	38.36	16.32
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-3.01*	
		For >500 To 1,000, Deduct	*-4.51*	
		For >1,000, Deduct	*-6.01*	
		For 304 Stainless Steel, Add	*47.28*	
		For 316 Stainless Steel, Add	*53.09*	
		For Aluminum, Add	*2.99*	
		For Galvanized Steel, Add	*10.29*	
05 12 23 00-0263	LF	MC6 x 15.1 - 6" Wide Channel	48.27	20.54
		For >100 To 250, Deduct	*-2.58*	
		For >250 To 500, Deduct	*-3.78*	
		For >500 To 1,000, Deduct	*-5.67*	
		For >1,000, Deduct	*-7.57*	
		For 304 Stainless Steel, Add	*59.51*	
		For 316 Stainless Steel, Add	*66.82*	
		For Aluminum, Add	*3.76*	
		For Galvanized Steel, Add	*12.95*	
05 12 23 00-0264	LF	MC6 x 15.3 - 6" Wide Channel	48.90	20.81
		For >100 To 250, Deduct	*-2.61*	
		For >250 To 500, Deduct	*-3.83*	
		For >500 To 1,000, Deduct	*-5.75*	
		For >1,000, Deduct	*-7.67*	
		For 304 Stainless Steel, Add	*60.28*	
		For 316 Stainless Steel, Add	*67.68*	
		For Aluminum, Add	*3.81*	
		For Galvanized Steel, Add	*13.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0265	LF	MC6 x 16.3 - 6" Wide Channel	52.10	22.17
		For >100 To 250, Deduct	*-2.78*	
		For >250 To 500, Deduct	*-4.08*	
		For >500 To 1,000, Deduct	*-6.12*	
		For >1,000, Deduct	*-8.17*	
		For 304 Stainless Steel, Add	*64.24*	
		For 316 Stainless Steel, Add	*72.13*	
		For Aluminum, Add	*4.06*	
		For Galvanized Steel, Add	*13.97*	
05 12 23 00-0266	LF	MC6 x 18 - 6" Wide Channel	57.53	24.48
		For >100 To 250, Deduct	*-3.07*	
		For >250 To 500, Deduct	*-4.51*	
		For >500 To 1,000, Deduct	*-6.76*	
		For >1,000, Deduct	*-9.02*	
		For 304 Stainless Steel, Add	*70.94*	
		For 316 Stainless Steel, Add	*79.65*	
		For Aluminum, Add	*4.48*	
		For Galvanized Steel, Add	*15.43*	
05 12 23 00-0267	LF	MC7 x 17.6 - 7" Wide Channel	56.13	23.85
		For >100 To 250, Deduct	*-2.99*	
		For >250 To 500, Deduct	*-4.40*	
		For >500 To 1,000, Deduct	*-6.59*	
		For >1,000, Deduct	*-8.79*	
		For 304 Stainless Steel, Add	*69.34*	
		For 316 Stainless Steel, Add	*77.86*	
		For Aluminum, Add	*4.38*	
		For Galvanized Steel, Add	*15.08*	
05 12 23 00-0268	LF	MC7 x 19.1 - 7" Wide Channel	60.93	25.89
		For >100 To 250, Deduct	*-3.25*	
		For >250 To 500, Deduct	*-4.77*	
		For >500 To 1,000, Deduct	*-7.16*	
		For >1,000, Deduct	*-9.55*	
		For 304 Stainless Steel, Add	*75.27*	
		For 316 Stainless Steel, Add	*84.51*	
		For Aluminum, Add	*4.75*	
		For Galvanized Steel, Add	*16.37*	
05 12 23 00-0269	LF	MC7 x 22.7 - 7" Wide Channel	72.41	30.76
		For >100 To 250, Deduct	*-3.86*	
		For >250 To 500, Deduct	*-5.67*	
		For >500 To 1,000, Deduct	*-8.51*	
		For >1,000, Deduct	*-11.34*	
		For 304 Stainless Steel, Add	*89.46*	
		For 316 Stainless Steel, Add	*100.45*	
		For Aluminum, Add	*5.65*	
		For Galvanized Steel, Add	*19.46*	
05 12 23 00-0270	LF	MC8 x 8.5 - 8" Wide Channel	26.15	10.80
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-2.03*	
		For >500 To 1,000, Deduct	*-3.04*	
		For >1,000, Deduct	*-4.06*	
		For 304 Stainless Steel, Add	*33.49*	
		For 316 Stainless Steel, Add	*37.60*	
		For Aluminum, Add	*2.12*	
		For Galvanized Steel, Add	*7.29*	
05 12 23 00-0271	LF	MC8 x 18.7 - 8" Wide Channel	57.53	23.75
		For >100 To 250, Deduct	*-3.02*	
		For >250 To 500, Deduct	*-4.46*	
		For >500 To 1,000, Deduct	*-6.69*	
		For >1,000, Deduct	*-8.92*	
		For 304 Stainless Steel, Add	*73.70*	
		For 316 Stainless Steel, Add	*82.75*	
		For Aluminum, Add	*4.65*	
		For Galvanized Steel, Add	*16.03*	
05 12 23 00-0272	LF	MC8 x 20 - 8" Wide Channel	61.52	25.40
		For >100 To 250, Deduct	*-3.23*	
		For >250 To 500, Deduct	*-4.77*	
		For >500 To 1,000, Deduct	*-7.15*	
		For >1,000, Deduct	*-9.54*	
		For 304 Stainless Steel, Add	*78.80*	
		For 316 Stainless Steel, Add	*88.48*	
		For Aluminum, Add	*4.98*	
		For Galvanized Steel, Add	*17.14*	
05 12 23 00-0273	LF	MC8 x 21.4 - 8" Wide Channel	65.84	27.19
		For >100 To 250, Deduct	*-3.46*	
		For >250 To 500, Deduct	*-5.10*	
		For >500 To 1,000, Deduct	*-7.66*	
		For >1,000, Deduct	*-10.21*	
		For 304 Stainless Steel, Add	*84.33*	
		For 316 Stainless Steel, Add	*94.69*	
		For Aluminum, Add	*5.33*	
		For Galvanized Steel, Add	*18.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0274	LF	MC8 x 22.8 - 8" Wide Channel	70.12	28.97
		For >100 To 250, Deduct	*-3.68*	
		For >250 To 500, Deduct	*-5.44*	
		For >500 To 1,000, Deduct	*-8.15*	
		For >1,000, Deduct	*-10.87*	
		For 304 Stainless Steel, Add	*89.83*	
		For 316 Stainless Steel, Add	*100.86*	
		For Aluminum, Add	*5.67*	
		For Galvanized Steel, Add	*19.54*	
05 12 23 00-0275	LF	MC9 x 23.9 - 9" Wide Channel	73.53	30.36
		For >100 To 250, Deduct	*-3.86*	
		For >250 To 500, Deduct	*-5.70*	
		For >500 To 1,000, Deduct	*-8.55*	
		For >1,000, Deduct	*-11.40*	
		For 304 Stainless Steel, Add	*94.19*	
		For 316 Stainless Steel, Add	*105.76*	
		For Aluminum, Add	*5.95*	
		For Galvanized Steel, Add	*20.49*	
05 12 23 00-0276	LF	MC9 x 25.4 - 9" Wide Channel	78.13	32.26
		For >100 To 250, Deduct	*-4.10*	
		For >250 To 500, Deduct	*-6.06*	
		For >500 To 1,000, Deduct	*-9.09*	
		For >1,000, Deduct	*-12.11*	
		For 304 Stainless Steel, Add	*100.09*	
		For 316 Stainless Steel, Add	*112.38*	
		For Aluminum, Add	*6.32*	
		For Galvanized Steel, Add	*21.77*	
05 12 23 00-0277	LF	MC10 x 6.5 - 10" Wide Channel	20.01	8.25
		For >100 To 250, Deduct	*-1.05*	
		For >250 To 500, Deduct	*-1.55*	
		For >500 To 1,000, Deduct	*-2.33*	
		For >1,000, Deduct	*-3.10*	
		For 304 Stainless Steel, Add	*25.62*	
		For 316 Stainless Steel, Add	*28.77*	
		For Aluminum, Add	*1.62*	
		For Galvanized Steel, Add	*5.57*	
05 12 23 00-0278	LF	MC10 x 8.4 - 10" Wide Channel	25.84	10.67
		For >100 To 250, Deduct	*-1.36*	
		For >250 To 500, Deduct	*-2.00*	
		For >500 To 1,000, Deduct	*-3.01*	
		For >1,000, Deduct	*-4.01*	
		For 304 Stainless Steel, Add	*33.09*	
		For 316 Stainless Steel, Add	*37.15*	
		For Aluminum, Add	*2.09*	
		For Galvanized Steel, Add	*7.20*	
05 12 23 00-0279	LF	MC10 x 21.9 - 10" Wide Channel	67.36	27.82
		For >100 To 250, Deduct	*-3.54*	
		For >250 To 500, Deduct	*-5.22*	
		For >500 To 1,000, Deduct	*-7.83*	
		For >1,000, Deduct	*-10.44*	
		For 304 Stainless Steel, Add	*86.30*	
		For 316 Stainless Steel, Add	*96.90*	
		For Aluminum, Add	*5.45*	
		For Galvanized Steel, Add	*18.77*	
05 12 23 00-0280	LF	MC10 x 24.9 - 10" Wide Channel	76.60	31.64
		For >100 To 250, Deduct	*-4.02*	
		For >250 To 500, Deduct	*-5.94*	
		For >500 To 1,000, Deduct	*-8.91*	
		For >1,000, Deduct	*-11.88*	
		For 304 Stainless Steel, Add	*98.13*	
		For 316 Stainless Steel, Add	*110.18*	
		For Aluminum, Add	*6.20*	
		For Galvanized Steel, Add	*21.35*	
05 12 23 00-0281	LF	MC10 x 25.3 - 10" Wide Channel	77.82	32.14
		For >100 To 250, Deduct	*-4.09*	
		For >250 To 500, Deduct	*-6.03*	
		For >500 To 1,000, Deduct	*-9.05*	
		For >1,000, Deduct	*-12.07*	
		For 304 Stainless Steel, Add	*99.69*	
		For 316 Stainless Steel, Add	*111.94*	
		For Aluminum, Add	*6.30*	
		For Galvanized Steel, Add	*21.69*	
05 12 23 00-0282	LF	MC10 x 28.3 - 10" Wide Channel	87.07	35.94
		For >100 To 250, Deduct	*-4.57*	
		For >250 To 500, Deduct	*-6.75*	
		For >500 To 1,000, Deduct	*-10.13*	
		For >1,000, Deduct	*-13.50*	
		For 304 Stainless Steel, Add	*111.52*	
		For 316 Stainless Steel, Add	*125.22*	
		For Aluminum, Add	*7.04*	
		For Galvanized Steel, Add	*24.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0283	LF	MC10 x 28.5 - 10" Wide Channel	87.67	36.20
		For >100 To 250, Deduct	*-4.60*	
		For >250 To 500, Deduct	*-6.80*	
		For >500 To 1,000, Deduct	*-10.19*	
		For >1,000, Deduct	*-13.59*	
		For 304 Stainless Steel, Add	*112.32*	
		For 316 Stainless Steel, Add	*126.11*	
		For Aluminum, Add	*7.09*	
		For Galvanized Steel, Add	*24.43*	
05 12 23 00-0284	LF	MC10 x 33.6 - 10" Wide Channel	103.36	42.68
		For >100 To 250, Deduct	*-5.43*	
		For >250 To 500, Deduct	*-8.01*	
		For >500 To 1,000, Deduct	*-12.02*	
		For >1,000, Deduct	*-16.03*	
		For 304 Stainless Steel, Add	*132.41*	
		For 316 Stainless Steel, Add	*148.67*	
		For Aluminum, Add	*8.36*	
		For Galvanized Steel, Add	*28.81*	
05 12 23 00-0285	LF	MC10 x 41.1 - 10" Wide Channel	126.43	52.21
		For >100 To 250, Deduct	*-6.64*	
		For >250 To 500, Deduct	*-9.80*	
		For >500 To 1,000, Deduct	*-14.70*	
		For >1,000, Deduct	*-19.60*	
		For 304 Stainless Steel, Add	*161.97*	
		For 316 Stainless Steel, Add	*181.86*	
		For Aluminum, Add	*10.23*	
		For Galvanized Steel, Add	*35.23*	
05 12 23 00-0286	LF	MC12 x 30.9 - 12" Wide Channel	95.06	39.25
		For >100 To 250, Deduct	*-4.99*	
		For >250 To 500, Deduct	*-7.37*	
		For >500 To 1,000, Deduct	*-11.06*	
		For >1,000, Deduct	*-14.74*	
		For 304 Stainless Steel, Add	*121.75*	
		For 316 Stainless Steel, Add	*136.70*	
		For Aluminum, Add	*7.69*	
		For Galvanized Steel, Add	*26.49*	
05 12 23 00-0287	LF	MC12 x 32.9 - 12" Wide Channel	101.21	41.78
		For >100 To 250, Deduct	*-5.32*	
		For >250 To 500, Deduct	*-7.85*	
		For >500 To 1,000, Deduct	*-11.77*	
		For >1,000, Deduct	*-15.69*	
		For 304 Stainless Steel, Add	*129.65*	
		For 316 Stainless Steel, Add	*145.57*	
		For Aluminum, Add	*8.19*	
		For Galvanized Steel, Add	*28.20*	
05 12 23 00-0288	LF	MC12 x 35 - 12" Wide Channel	107.66	44.45
		For >100 To 250, Deduct	*-5.66*	
		For >250 To 500, Deduct	*-8.35*	
		For >500 To 1,000, Deduct	*-12.52*	
		For >1,000, Deduct	*-16.69*	
		For 304 Stainless Steel, Add	*137.91*	
		For 316 Stainless Steel, Add	*154.85*	
		For Aluminum, Add	*8.71*	
		For Galvanized Steel, Add	*30.00*	
05 12 23 00-0289	LF	MC12 x 37 - 12" Wide Channel	113.83	47.00
		For >100 To 250, Deduct	*-5.98*	
		For >250 To 500, Deduct	*-8.83*	
		For >500 To 1,000, Deduct	*-13.24*	
		For >1,000, Deduct	*-17.65*	
		For 304 Stainless Steel, Add	*145.81*	
		For 316 Stainless Steel, Add	*163.71*	
		For Aluminum, Add	*9.21*	
		For Galvanized Steel, Add	*31.72*	
05 12 23 00-0290	LF	MC12 x 40 - 12" Wide Channel	123.05	50.80
		For >100 To 250, Deduct	*-6.46*	
		For >250 To 500, Deduct	*-9.54*	
		For >500 To 1,000, Deduct	*-14.31*	
		For >1,000, Deduct	*-19.08*	
		For 304 Stainless Steel, Add	*157.63*	
		For 316 Stainless Steel, Add	*176.99*	
		For Aluminum, Add	*9.96*	
		For Galvanized Steel, Add	*34.29*	
05 12 23 00-0291	LF	MC12 x 45 - 12" Wide Channel	138.43	57.16
		For >100 To 250, Deduct	*-7.27*	
		For >250 To 500, Deduct	*-10.73*	
		For >500 To 1,000, Deduct	*-16.10*	
		For >1,000, Deduct	*-21.46*	
		For 304 Stainless Steel, Add	*177.33*	
		For 316 Stainless Steel, Add	*199.10*	
		For Aluminum, Add	*11.20*	
		For Galvanized Steel, Add	*38.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0292	LF	MC12 x 50 - 12" Wide Channel	153.81	63.51
		For >100 To 250, Deduct	*-8.08*	
		For >250 To 500, Deduct	*-11.92*	
		For >500 To 1,000, Deduct	*-17.89*	
		For >1,000, Deduct	*-23.85*	
		For 304 Stainless Steel, Add	*197.02*	
		For 316 Stainless Steel, Add	*221.22*	
		For Aluminum, Add	*12.44*	
		For Galvanized Steel, Add	*42.86*	
05 12 23 00-0293	LF	MC13 x 31.8 - 13" Wide Channel	97.83	40.39
		For >100 To 250, Deduct	*-5.14*	
		For >250 To 500, Deduct	*-7.58*	
		For >500 To 1,000, Deduct	*-11.38*	
		For >1,000, Deduct	*-15.17*	
		For 304 Stainless Steel, Add	*125.31*	
		For 316 Stainless Steel, Add	*140.70*	
		For Aluminum, Add	*7.91*	
		For Galvanized Steel, Add	*27.26*	
05 12 23 00-0294	LF	MC13 x 35 - 13" Wide Channel	107.66	44.45
		For >100 To 250, Deduct	*-5.66*	
		For >250 To 500, Deduct	*-8.35*	
		For >500 To 1,000, Deduct	*-12.52*	
		For >1,000, Deduct	*-16.69*	
		For 304 Stainless Steel, Add	*137.91*	
		For 316 Stainless Steel, Add	*154.85*	
		For Aluminum, Add	*8.71*	
		For Galvanized Steel, Add	*30.00*	
05 12 23 00-0295	LF	MC13 x 40 - 13" Wide Channel	123.05	50.80
		For >100 To 250, Deduct	*-6.46*	
		For >250 To 500, Deduct	*-9.54*	
		For >500 To 1,000, Deduct	*-14.31*	
		For >1,000, Deduct	*-19.08*	
		For 304 Stainless Steel, Add	*157.63*	
		For 316 Stainless Steel, Add	*176.99*	
		For Aluminum, Add	*9.96*	
		For Galvanized Steel, Add	*34.29*	
05 12 23 00-0296	LF	MC13 x 50 - 13" Wide Channel	153.81	63.51
		For >100 To 250, Deduct	*-8.08*	
		For >250 To 500, Deduct	*-11.92*	
		For >500 To 1,000, Deduct	*-17.89*	
		For >1,000, Deduct	*-23.85*	
		For 304 Stainless Steel, Add	*197.02*	
		For 316 Stainless Steel, Add	*221.22*	
		For Aluminum, Add	*12.44*	
		For Galvanized Steel, Add	*42.86*	
05 12 23 00-0297	LF	MC18 x 42.7 - 18" Wide Channel	131.35	54.24
		For >100 To 250, Deduct	*-6.90*	
		For >250 To 500, Deduct	*-10.18*	
		For >500 To 1,000, Deduct	*-15.27*	
		For >1,000, Deduct	*-20.37*	
		For 304 Stainless Steel, Add	*168.26*	
		For 316 Stainless Steel, Add	*188.93*	
		For Aluminum, Add	*10.63*	
		For Galvanized Steel, Add	*36.60*	
05 12 23 00-0298	LF	MC18 x 45.8 - 18" Wide Channel	140.89	58.18
		For >100 To 250, Deduct	*-7.40*	
		For >250 To 500, Deduct	*-10.92*	
		For >500 To 1,000, Deduct	*-16.38*	
		For >1,000, Deduct	*-21.85*	
		For 304 Stainless Steel, Add	*180.49*	
		For 316 Stainless Steel, Add	*202.66*	
		For Aluminum, Add	*11.40*	
		For Galvanized Steel, Add	*39.26*	
05 12 23 00-0299	LF	MC18 x 51.9 - 18" Wide Channel	159.66	65.92
		For >100 To 250, Deduct	*-8.39*	
		For >250 To 500, Deduct	*-12.38*	
		For >500 To 1,000, Deduct	*-18.57*	
		For >1,000, Deduct	*-24.76*	
		For 304 Stainless Steel, Add	*204.52*	
		For 316 Stainless Steel, Add	*229.63*	
		For Aluminum, Add	*12.92*	
		For Galvanized Steel, Add	*44.49*	
05 12 23 00-0300	LF	MC18 x 58 - 18" Wide Channel	178.42	73.66
		For >100 To 250, Deduct	*-9.37*	
		For >250 To 500, Deduct	*-13.83*	
		For >500 To 1,000, Deduct	*-20.75*	
		For >1,000, Deduct	*-27.67*	
		For 304 Stainless Steel, Add	*228.54*	
		For 316 Stainless Steel, Add	*256.61*	
		For Aluminum, Add	*14.43*	
		For Galvanized Steel, Add	*49.72*	

05 12 23 00-0301 Structural Bar Tees *(05 12 23 00-0105)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0302	LF	3/4" x 3/4" x 1/8" Structural Bar Tee	5.62	3.38
		For >100 To 250, Deduct	*-0.37*	
		For >250 To 500, Deduct	*-0.51*	
		For >500 To 1,000, Deduct	*-0.76*	
		For >1,000, Deduct	*-1.01*	
		For 304 Stainless Steel, Add	*3.19*	
		For 316 Stainless Steel, Add	*3.58*	
		For Aluminum, Add	*0.20*	
		For Galvanized Steel, Add	*0.69*	
05 12 23 00-0303	LF	1" x 1" x 1/8" Structural Bar Tee	6.84	3.98
		For >100 To 250, Deduct	*-0.44*	
		For >250 To 500, Deduct	*-0.61*	
		For >500 To 1,000, Deduct	*-0.91*	
		For >1,000, Deduct	*-1.22*	
		For 304 Stainless Steel, Add	*4.36*	
		For 316 Stainless Steel, Add	*4.90*	
		For Aluminum, Add	*0.28*	
		For Galvanized Steel, Add	*0.95*	
05 12 23 00-0304	LF	1-1/2" x 1-1/2" x 1/4" Structural Bar Tee	10.51	4.60
		For >100 To 250, Deduct	*-0.57*	
		For >250 To 500, Deduct	*-0.83*	
		For >500 To 1,000, Deduct	*-1.25*	
		For >1,000, Deduct	*-1.66*	
		For 304 Stainless Steel, Add	*12.48*	
		For 316 Stainless Steel, Add	*14.02*	
		For Aluminum, Add	*0.79*	
		For Galvanized Steel, Add	*2.72*	
05 12 23 00-0305	LF	2" x 2" x 1/4" Structural Bar Tee	14.55	6.02
		For >100 To 250, Deduct	*-0.76*	
		For >250 To 500, Deduct	*-1.13*	
		For >500 To 1,000, Deduct	*-1.69*	
		For >1,000, Deduct	*-2.26*	
		For 304 Stainless Steel, Add	*18.61*	
		For 316 Stainless Steel, Add	*20.90*	
		For Aluminum, Add	*1.18*	
		For Galvanized Steel, Add	*4.05*	
05 12 23 00-0306	LF	2-1/2" x 2-1/2" x 3/8" Structural Bar Tee	21.41	7.26
		For >100 To 250, Deduct	*-1.02*	
		For >250 To 500, Deduct	*-1.55*	
		For >500 To 1,000, Deduct	*-2.33*	
		For >1,000, Deduct	*-3.11*	
		For 304 Stainless Steel, Add	*33.43*	
		For 316 Stainless Steel, Add	*37.54*	
		For Aluminum, Add	*2.11*	
		For Galvanized Steel, Add	*7.27*	
05 12 23 00-0307	LF	3" x 3" x 3/8" Structural Bar Tee	26.46	9.29
		For >100 To 250, Deduct	*-1.28*	
		For >250 To 500, Deduct	*-1.94*	
		For >500 To 1,000, Deduct	*-2.91*	
		For >1,000, Deduct	*-3.89*	
		For 304 Stainless Steel, Add	*40.10*	
		For 316 Stainless Steel, Add	*45.02*	
		For Aluminum, Add	*2.53*	
		For Galvanized Steel, Add	*8.72*	

05 12 23 00-0308 Structural Zees *(05 12 23 00-0105)*

05 12 23 00-0309	LF	1-1/4" x 1-3/4" x 1-3/4" x 3/16" Structural Zee	12.67	4.60
		For >100 To 250, Deduct	*-0.62*	
		For >250 To 500, Deduct	*-0.94*	
		For >500 To 1,000, Deduct	*-1.41*	
		For >1,000, Deduct	*-1.88*	
		For 304 Stainless Steel, Add	*18.64*	
		For 316 Stainless Steel, Add	*20.93*	
		For Aluminum, Add	*1.18*	
		For Galvanized Steel, Add	*4.05*	
05 12 23 00-0310	LF	2-11/16" x 3" x 2-11/16" x 1/4" Structural Zee	22.96	5.49
		For >100 To 250, Deduct	*-0.94*	
		For >250 To 500, Deduct	*-1.51*	
		For >500 To 1,000, Deduct	*-2.27*	
		For >1,000, Deduct	*-3.03*	
		For 304 Stainless Steel, Add	*44.57*	
		For 316 Stainless Steel, Add	*50.05*	
		For Aluminum, Add	*2.82*	
		For Galvanized Steel, Add	*9.70*	
05 12 23 00-0311	LF	3-1/16" x 4" x 3-1/16" x 1/4" Structural Zee	27.40	6.19
		For >100 To 250, Deduct	*-1.10*	
		For >250 To 500, Deduct	*-1.78*	
		For >500 To 1,000, Deduct	*-2.67*	
		For >1,000, Deduct	*-3.57*	
		For 304 Stainless Steel, Add	*54.55*	
		For 316 Stainless Steel, Add	*61.25*	
		For Aluminum, Add	*3.45*	
		For Galvanized Steel, Add	*11.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0312	LF	3-1/4" x 5" x 3-1/4" x 5/16" Structural Zee	36.52	7.08
		For >100 To 250, Deduct	*-1.39*	
		For >250 To 500, Deduct	*-2.30*	
		For >500 To 1,000, Deduct	*-3.45*	
		For >1,000, Deduct	*-4.60*	
		For 304 Stainless Steel, Add	*77.18*	
		For 316 Stainless Steel, Add	*86.66*	
		For Aluminum, Add	*4.87*	
		For Galvanized Steel, Add	*16.79*	
05 12 23 00-0313	LF	3-1/2" x 6" x 3-1/2" x 3/8" Structural Zee	46.92	7.70
		For >100 To 250, Deduct	*-1.69*	
		For >250 To 500, Deduct	*-2.86*	
		For >500 To 1,000, Deduct	*-4.29*	
		For >1,000, Deduct	*-5.72*	
		For 304 Stainless Steel, Add	*104.45*	
		For 316 Stainless Steel, Add	*117.28*	
		For Aluminum, Add	*6.60*	
		For Galvanized Steel, Add	*22.72*	
05 12 23 00-0314		Junior I-Beams *(05 12 23 00-0105)*		
05 12 23 00-0315	LF	3" Junior I-Beam, 2.9 Lb./LF	17.47	6.64
		For >100 To 250, Deduct	*-0.88*	
		For >250 To 500, Deduct	*-1.32*	
		For >500 To 1,000, Deduct	*-1.97*	
		For >1,000, Deduct	*-2.63*	
		For 304 Stainless Steel, Add	*24.57*	
		For 316 Stainless Steel, Add	*27.58*	
		For Aluminum, Add	*1.55*	
		For Galvanized Steel, Add	*5.34*	
05 12 23 00-0316	LF	4" Junior I-Beam, 3.2 Lb./LF	19.20	7.26
		For >100 To 250, Deduct	*-0.96*	
		For >250 To 500, Deduct	*-1.44*	
		For >500 To 1,000, Deduct	*-2.17*	
		For >1,000, Deduct	*-2.89*	
		For 304 Stainless Steel, Add	*27.10*	
		For 316 Stainless Steel, Add	*30.43*	
		For Aluminum, Add	*1.71*	
		For Galvanized Steel, Add	*5.90*	
05 12 23 00-0317	LF	5" Junior I-Beam, 3.8 Lb./LF	21.91	7.96
		For >100 To 250, Deduct	*-1.08*	
		For >250 To 500, Deduct	*-1.63*	
		For >500 To 1,000, Deduct	*-2.44*	
		For >1,000, Deduct	*-3.25*	
		For 304 Stainless Steel, Add	*32.18*	
		For 316 Stainless Steel, Add	*36.13*	
		For Aluminum, Add	*2.03*	
		For Galvanized Steel, Add	*7.00*	
05 12 23 00-0318	LF	6" Junior I-Beam, 4.4 Lb./LF	24.64	8.68
		For >100 To 250, Deduct	*-1.19*	
		For >250 To 500, Deduct	*-1.81*	
		For >500 To 1,000, Deduct	*-2.72*	
		For >1,000, Deduct	*-3.62*	
		For 304 Stainless Steel, Add	*37.25*	
		For 316 Stainless Steel, Add	*41.82*	
		For Aluminum, Add	*2.35*	
		For Galvanized Steel, Add	*8.10*	
05 12 23 00-0319	LF	7" Junior I-Beam, 5.5 Lb./LF	28.73	9.29
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-2.06*	
		For >500 To 1,000, Deduct	*-3.08*	
		For >1,000, Deduct	*-4.11*	
		For 304 Stainless Steel, Add	*46.57*	
		For 316 Stainless Steel, Add	*52.29*	
		For Aluminum, Add	*2.94*	
		For Galvanized Steel, Add	*10.13*	
05 12 23 00-0320	LF	8" Junior I-Beam, 6.5 Lb./LF	32.53	9.92
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-2.29*	
		For >500 To 1,000, Deduct	*-3.43*	
		For >1,000, Deduct	*-4.58*	
		For 304 Stainless Steel, Add	*55.03*	
		For 316 Stainless Steel, Add	*61.79*	
		For Aluminum, Add	*3.48*	
		For Galvanized Steel, Add	*11.97*	
05 12 23 00-0321	LF	10" Junior I-Beam, 9 Lb./LF	41.84	11.33
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.85*	
		For >500 To 1,000, Deduct	*-4.27*	
		For >1,000, Deduct	*-5.69*	
		For 304 Stainless Steel, Add	*76.21*	
		For 316 Stainless Steel, Add	*85.57*	
		For Aluminum, Add	*4.81*	
		For Galvanized Steel, Add	*16.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0322	LF	12" Junior I-Beam, 11.8 Lb./LF	53.00	13.45
		For >100 To 250, Deduct	*-2.22*	
		For >250 To 500, Deduct	*-3.55*	
		For >500 To 1,000, Deduct	*-5.32*	
		For >1,000, Deduct	*-7.09*	
		For 304 Stainless Steel, Add	*99.92*	
		For 316 Stainless Steel, Add	*112.19*	
		For Aluminum, Add	*6.31*	
		For Galvanized Steel, Add	*21.74*	

05 12 23 00-0323 Round Stock *(05 12 23 00-0105)*

05 12 23 00-0324	LF	1/4" Carbon Steel Rounds, ASTM A108	2.51	
		For 304 Stainless Steel, Add	*3.79*	
		For 316 Stainless Steel, Add	*4.26*	
		For Aluminum, Add	*0.24*	
		For Galvanized Steel, Add	*0.82*	
05 12 23 00-0325	LF	3/8" Carbon Steel Rounds, ASTM A108	3.95	
		For 304 Stainless Steel, Add	*7.44*	
		For 316 Stainless Steel, Add	*8.35*	
		For Aluminum, Add	*0.47*	
		For Galvanized Steel, Add	*1.62*	
05 12 23 00-0326	LF	1/2" Carbon Steel Rounds, ASTM A108	5.46	
		For 304 Stainless Steel, Add	*11.34*	
		For 316 Stainless Steel, Add	*12.74*	
		For Aluminum, Add	*0.72*	
		For Galvanized Steel, Add	*2.47*	
05 12 23 00-0327	LF	5/8" Carbon Steel Rounds, ASTM A108	8.27	
		For 304 Stainless Steel, Add	*18.90*	
		For 316 Stainless Steel, Add	*21.22*	
		For Aluminum, Add	*1.19*	
		For Galvanized Steel, Add	*4.11*	
05 12 23 00-0328	LF	3/4" Carbon Steel Rounds, ASTM A108	9.84	
		For 304 Stainless Steel, Add	*22.46*	
		For 316 Stainless Steel, Add	*25.22*	
		For Aluminum, Add	*1.42*	
		For Galvanized Steel, Add	*4.89*	
05 12 23 00-0329	LF	7/8" Carbon Steel Rounds, ASTM A108	11.47	
		For 304 Stainless Steel, Add	*26.22*	
		For 316 Stainless Steel, Add	*29.44*	
		For Aluminum, Add	*1.66*	
		For Galvanized Steel, Add	*5.70*	
05 12 23 00-0330	LF	1" Carbon Steel Rounds, ASTM A108	16.70	
		For 304 Stainless Steel, Add	*39.96*	
		For 316 Stainless Steel, Add	*44.86*	
		For Aluminum, Add	*2.52*	
		For Galvanized Steel, Add	*8.69*	
05 12 23 00-0331	LF	1-1/8" Carbon Steel Rounds, ASTM A108	20.32	
		For 304 Stainless Steel, Add	*48.56*	
		For 316 Stainless Steel, Add	*54.53*	
		For Aluminum, Add	*3.07*	
		For Galvanized Steel, Add	*10.56*	
05 12 23 00-0332	LF	1-1/4" Carbon Steel Rounds, ASTM A108	24.27	
		For 304 Stainless Steel, Add	*57.14*	
		For 316 Stainless Steel, Add	*64.16*	
		For Aluminum, Add	*3.61*	
		For Galvanized Steel, Add	*12.43*	
05 12 23 00-0333	LF	1-3/8" Carbon Steel Rounds, ASTM A108	29.38	
		For 304 Stainless Steel, Add	*69.74*	
		For 316 Stainless Steel, Add	*78.30*	
		For Aluminum, Add	*4.40*	
		For Galvanized Steel, Add	*15.17*	
05 12 23 00-0334	LF	1-1/2" Carbon Steel Rounds, ASTM A108	32.74	
		For 304 Stainless Steel, Add	*76.49*	
		For 316 Stainless Steel, Add	*85.89*	
		For Aluminum, Add	*4.83*	
		For Galvanized Steel, Add	*16.64*	
05 12 23 00-0335	LF	1-5/8" Carbon Steel Rounds, ASTM A108	37.80	
		For 304 Stainless Steel, Add	*86.70*	
		For 316 Stainless Steel, Add	*97.34*	
		For Aluminum, Add	*5.48*	
		For Galvanized Steel, Add	*18.86*	
05 12 23 00-0336	LF	1-3/4" Carbon Steel Rounds, ASTM A108	45.24	
		For 304 Stainless Steel, Add	*100.89*	
		For 316 Stainless Steel, Add	*113.28*	
		For Aluminum, Add	*6.37*	
		For Galvanized Steel, Add	*21.95*	
05 12 23 00-0337	LF	1-7/8" Carbon Steel Rounds, ASTM A108	54.45	
		For 304 Stainless Steel, Add	*118.19*	
		For 316 Stainless Steel, Add	*132.70*	
		For Aluminum, Add	*7.46*	
		For Galvanized Steel, Add	*25.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0338	LF	2" Carbon Steel Rounds, ASTM A108	62.16	
		For 304 Stainless Steel, Add	*131.47*	
		For 316 Stainless Steel, Add	*147.62*	
		For Aluminum, Add	*8.30*	
		For Galvanized Steel, Add	*28.60*	
05 12 23 00-0339	LF	2-1/8" Carbon Steel Rounds, ASTM A108	72.59	
		For 304 Stainless Steel, Add	*150.14*	
		For 316 Stainless Steel, Add	*168.58*	
		For Aluminum, Add	*9.48*	
		For Galvanized Steel, Add	*32.66*	
05 12 23 00-0340	LF	2-1/4" Carbon Steel Rounds, ASTM A108	82.12	
		For 304 Stainless Steel, Add	*168.81*	
		For 316 Stainless Steel, Add	*189.54*	
		For Aluminum, Add	*10.66*	
		For Galvanized Steel, Add	*36.72*	
05 12 23 00-0341	LF	2-3/8" Carbon Steel Rounds, ASTM A108	94.07	
		For 304 Stainless Steel, Add	*193.09*	
		For 316 Stainless Steel, Add	*216.80*	
		For Aluminum, Add	*12.20*	
		For Galvanized Steel, Add	*42.01*	
05 12 23 00-0342	LF	2-1/2" Carbon Steel Rounds, ASTM A108	103.91	
		For 304 Stainless Steel, Add	*208.08*	
		For 316 Stainless Steel, Add	*233.63*	
		For Aluminum, Add	*13.14*	
		For Galvanized Steel, Add	*45.27*	
05 12 23 00-0343	LF	2-5/8" Carbon Steel Rounds, ASTM A108	127.07	
		For 304 Stainless Steel, Add	*264.31*	
		For 316 Stainless Steel, Add	*296.77*	
		For Aluminum, Add	*16.69*	
		For Galvanized Steel, Add	*57.50*	
05 12 23 00-0344	LF	2-3/4" Carbon Steel Rounds, ASTM A108	144.67	
		For 304 Stainless Steel, Add	*301.42*	
		For 316 Stainless Steel, Add	*338.43*	
		For Aluminum, Add	*19.04*	
		For Galvanized Steel, Add	*65.57*	
05 12 23 00-0345	LF	2-7/8 Carbon Steel Rounds, ASTM A108	161.35	
		For 304 Stainless Steel, Add	*335.90*	
		For 316 Stainless Steel, Add	*377.15*	
		For Aluminum, Add	*21.21*	
		For Galvanized Steel, Add	*73.07*	
05 12 23 00-0346	LF	3" Carbon Steel Rounds, ASTM A108	169.47	
		For 304 Stainless Steel, Add	*345.99*	
		For 316 Stainless Steel, Add	*388.48*	
		For Aluminum, Add	*21.85*	
		For Galvanized Steel, Add	*75.27*	
05 12 23 00-0347	LF	3-1/8" Carbon Steel Rounds, ASTM A108	176.74	
		For 304 Stainless Steel, Add	*353.66*	
		For 316 Stainless Steel, Add	*397.09*	
		For Aluminum, Add	*22.34*	
		For Galvanized Steel, Add	*76.94*	
05 12 23 00-0348	LF	3-1/4" Carbon Steel Rounds, ASTM A108	186.38	
		For 304 Stainless Steel, Add	*368.08*	
		For 316 Stainless Steel, Add	*413.28*	
		For Aluminum, Add	*23.25*	
		For Galvanized Steel, Add	*80.07*	
05 12 23 00-0349	LF	3-1/2" Carbon Steel Rounds, ASTM A108	226.83	
		For 304 Stainless Steel, Add	*467.03*	
		For 316 Stainless Steel, Add	*524.38*	
		For Aluminum, Add	*29.50*	
		For Galvanized Steel, Add	*101.60*	
05 12 23 00-0350	LF	3-5/8" Carbon Steel Rounds, ASTM A108	252.00	
		For 304 Stainless Steel, Add	*522.46*	
		For 316 Stainless Steel, Add	*586.62*	
		For Aluminum, Add	*33.00*	
		For Galvanized Steel, Add	*113.66*	
05 12 23 00-0351	LF	3-3/4" Carbon Steel Rounds, ASTM A108	270.50	
		For 304 Stainless Steel, Add	*558.89*	
		For 316 Stainless Steel, Add	*627.52*	
		For Aluminum, Add	*35.30*	
		For Galvanized Steel, Add	*121.58*	
05 12 23 00-0352	LF	4" Carbon Steel Rounds, ASTM A108	303.39	
		For 304 Stainless Steel, Add	*636.29*	
		For 316 Stainless Steel, Add	*714.43*	
		For Aluminum, Add	*40.19*	
		For Galvanized Steel, Add	*138.42*	

05 12 23 00-0353 Square Stock *(05 12 23 00-0105)*

05 12 23 00-0354	LF	3/8" Square Bar Stock	2.00	
		For 304 Stainless Steel, Add	*1.88*	
		For 316 Stainless Steel, Add	*2.11*	
		For Aluminum, Add	*0.12*	
		For Galvanized Steel, Add	*0.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0355	LF	1/2" Square Bar Stock	2.65	
		For 304 Stainless Steel, Add	*3.33*	
		For 316 Stainless Steel, Add	*3.74*	
		For Aluminum, Add	*0.21*	
		For Galvanized Steel, Add	*0.73*	
05 12 23 00-0356	LF	5/8" Square Bar Stock	3.47	
		For 304 Stainless Steel, Add	*5.22*	
		For 316 Stainless Steel, Add	*5.86*	
		For Aluminum, Add	*0.33*	
		For Galvanized Steel, Add	*1.13*	
05 12 23 00-0357	LF	3/4" Square Bar Stock	4.59	
		For 304 Stainless Steel, Add	*7.50*	
		For 316 Stainless Steel, Add	*8.42*	
		For Aluminum, Add	*0.47*	
		For Galvanized Steel, Add	*1.63*	
05 12 23 00-0358	LF	7/8" Square Bar Stock	5.94	
		For 304 Stainless Steel, Add	*10.46*	
		For 316 Stainless Steel, Add	*11.74*	
		For Aluminum, Add	*0.66*	
		For Galvanized Steel, Add	*2.28*	
05 12 23 00-0359	LF	1" Square Bar Stock	7.37	
		For 304 Stainless Steel, Add	*13.37*	
		For 316 Stainless Steel, Add	*15.01*	
		For Aluminum, Add	*0.84*	
		For Galvanized Steel, Add	*2.91*	
05 12 23 00-0360	LF	1-1/4" Square Bar Stock	11.54	
		For 304 Stainless Steel, Add	*20.86*	
		For 316 Stainless Steel, Add	*23.42*	
		For Aluminum, Add	*1.32*	
		For Galvanized Steel, Add	*4.54*	
05 12 23 00-0361	LF	1-1/2" Square Bar Stock	16.45	
		For 304 Stainless Steel, Add	*30.07*	
		For 316 Stainless Steel, Add	*33.76*	
		For Aluminum, Add	*1.90*	
		For Galvanized Steel, Add	*6.54*	
05 12 23 00-0362	LF	1-3/4" Square Bar Stock	24.50	
		For 304 Stainless Steel, Add	*41.78*	
		For 316 Stainless Steel, Add	*46.91*	
		For Aluminum, Add	*2.64*	
		For Galvanized Steel, Add	*9.09*	
05 12 23 00-0363	LF	2" Square Bar Stock	35.28	
		For 304 Stainless Steel, Add	*53.47*	
		For 316 Stainless Steel, Add	*60.03*	
		For Aluminum, Add	*3.38*	
		For Galvanized Steel, Add	*11.63*	

05 12 23 00-0364 Steel Tubing *(05 12 23 00-0105)*
Note: General purpose low-carbon steel.

05 12 23 00-0365 Square Steel Tubing *(05 12 23 00-0364)*

05 12 23 00-0366 0.06" Wall Thickness *(05 12 23 00-0365)*

05 12 23 00-0367	LF	1/2" x 1/2" x 0.06" Square Steel Tubing	2.57	0.63
		For >100 To 250, Deduct	*-0.11*	
		For >250 To 500, Deduct	*-0.17*	
		For >500 To 1,000, Deduct	*-0.26*	
		For >1,000, Deduct	*-0.34*	
		For 304 Stainless Steel, Add	*4.90*	
		For 316 Stainless Steel, Add	*5.50*	
		For Aluminum, Add	*0.31*	
		For Galvanized Steel, Add	*1.07*	
05 12 23 00-0368	LF	3/4" x 3/4" x 0.06" Square Steel Tubing	3.96	1.00
		For >100 To 250, Deduct	*-0.17*	
		For >250 To 500, Deduct	*-0.26*	
		For >500 To 1,000, Deduct	*-0.40*	
		For >1,000, Deduct	*-0.53*	
		For 304 Stainless Steel, Add	*7.50*	
		For 316 Stainless Steel, Add	*8.42*	
		For Aluminum, Add	*0.47*	
		For Galvanized Steel, Add	*1.63*	
05 12 23 00-0369	LF	1" x 1" x 0.06" Square Steel Tubing	5.32	1.81
		For >100 To 250, Deduct	*-0.22*	
		For >250 To 500, Deduct	*-0.36*	
		For >500 To 1,000, Deduct	*-0.53*	
		For >1,000, Deduct	*-0.71*	
		For 304 Stainless Steel, Add	*10.00*	
		For 316 Stainless Steel, Add	*11.23*	
		For Aluminum, Add	*0.63*	
		For Galvanized Steel, Add	*2.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0370	LF	1-1/4" x 1-1/4" x 0.06" Square Steel Tubing	7.03	1.72
		For >100 To 250, Deduct	*-0.29*	
		For >250 To 500, Deduct	*-0.47*	
		For >500 To 1,000, Deduct	*-0.70*	
		For >1,000, Deduct	*-0.93*	
		For 304 Stainless Steel, Add	*13.48*	
		For 316 Stainless Steel, Add	*15.14*	
		For Aluminum, Add	*0.85*	
		For Galvanized Steel, Add	*2.93*	
05 12 23 00-0371	LF	1-1/2" x 1-1/2" x 0.06" Square Steel Tubing	8.33	2.08
		For >100 To 250, Deduct	*-0.35*	
		For >250 To 500, Deduct	*-0.56*	
		For >500 To 1,000, Deduct	*-0.83*	
		For >1,000, Deduct	*-1.11*	
		For 304 Stainless Steel, Add	*15.82*	
		For 316 Stainless Steel, Add	*17.76*	
		For Aluminum, Add	*1.00*	
		For Galvanized Steel, Add	*3.44*	

05 12 23 00-0372 0.083" Wall Thickness *(05 12 23 00-0365)*

05 12 23 00-0373	LF	3/4" x 3/4" x 0.083" Square Steel Tubing	4.61	1.17
		For >100 To 250, Deduct	*-0.19*	
		For >250 To 500, Deduct	*-0.31*	
		For >500 To 1,000, Deduct	*-0.46*	
		For >1,000, Deduct	*-0.62*	
		For 304 Stainless Steel, Add	*8.69*	
		For 316 Stainless Steel, Add	*9.76*	
		For Aluminum, Add	*0.55*	
		For Galvanized Steel, Add	*1.89*	
05 12 23 00-0374	LF	1" x 1" x 0.083" Square Steel Tubing	6.70	1.60
		For >100 To 250, Deduct	*-0.27*	
		For >250 To 500, Deduct	*-0.44*	
		For >500 To 1,000, Deduct	*-0.66*	
		For >1,000, Deduct	*-0.88*	
		For 304 Stainless Steel, Add	*13.00*	
		For 316 Stainless Steel, Add	*14.59*	
		For Aluminum, Add	*0.82*	
		For Galvanized Steel, Add	*2.83*	
05 12 23 00-0375	LF	1-1/4" x 1-1/4" x 0.083" Square Steel Tubing	8.10	2.04
		For >100 To 250, Deduct	*-0.34*	
		For >250 To 500, Deduct	*-0.54*	
		For >500 To 1,000, Deduct	*-0.81*	
		For >1,000, Deduct	*-1.08*	
		For 304 Stainless Steel, Add	*15.33*	
		For 316 Stainless Steel, Add	*17.22*	
		For Aluminum, Add	*0.97*	
		For Galvanized Steel, Add	*3.34*	
05 12 23 00-0376	LF	1-1/2" x 1-1/2" x 0.083" Square Steel Tubing	9.79	2.48
		For >100 To 250, Deduct	*-0.41*	
		For >250 To 500, Deduct	*-0.65*	
		For >500 To 1,000, Deduct	*-0.98*	
		For >1,000, Deduct	*-1.31*	
		For 304 Stainless Steel, Add	*18.50*	
		For 316 Stainless Steel, Add	*20.77*	
		For Aluminum, Add	*1.17*	
		For Galvanized Steel, Add	*4.02*	
05 12 23 00-0377	LF	2" x 2" x 0.083" Square Steel Tubing	12.58	3.30
		For >100 To 250, Deduct	*-0.54*	
		For >250 To 500, Deduct	*-0.85*	
		For >500 To 1,000, Deduct	*-1.27*	
		For >1,000, Deduct	*-1.70*	
		For 304 Stainless Steel, Add	*23.28*	
		For 316 Stainless Steel, Add	*26.14*	
		For Aluminum, Add	*1.47*	
		For Galvanized Steel, Add	*5.07*	

05 12 23 00-0378 0.12" Wall Thickness *(05 12 23 00-0365)*

05 12 23 00-0379	LF	1" x 1" x 0.12" Square Steel Tubing	7.41	1.91
		For >100 To 250, Deduct	*-0.31*	
		For >250 To 500, Deduct	*-0.50*	
		For >500 To 1,000, Deduct	*-0.75*	
		For >1,000, Deduct	*-1.00*	
		For 304 Stainless Steel, Add	*13.85*	
		For 316 Stainless Steel, Add	*15.55*	
		For Aluminum, Add	*0.87*	
		For Galvanized Steel, Add	*3.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0380	LF	1-1/4" x 1-1/4" x 0.12" Square Steel Tubing	9.54	2.45
		For >100 To 250, Deduct	*-0.40*	
		For >250 To 500, Deduct	*-0.64*	
		For >500 To 1,000, Deduct	*-0.96*	
		For >1,000, Deduct	*-1.28*	
		For 304 Stainless Steel, Add	*17.87*	
		For 316 Stainless Steel, Add	*20.06*	
		For Aluminum, Add	*1.13*	
		For Galvanized Steel, Add	*3.89*	
05 12 23 00-0381	LF	1-1/2" x 1-1/2" x 0.12" Square Steel Tubing	11.70	2.99
		For >100 To 250, Deduct	*-0.49*	
		For >250 To 500, Deduct	*-0.78*	
		For >500 To 1,000, Deduct	*-1.18*	
		For >1,000, Deduct	*-1.57*	
		For 304 Stainless Steel, Add	*21.97*	
		For 316 Stainless Steel, Add	*24.67*	
		For Aluminum, Add	*1.39*	
		For Galvanized Steel, Add	*4.78*	
05 12 23 00-0382	LF	2" x 2" x 0.12" Square Steel Tubing	15.85	4.08
		For >100 To 250, Deduct	*-0.67*	
		For >250 To 500, Deduct	*-1.06*	
		For >500 To 1,000, Deduct	*-1.60*	
		For >1,000, Deduct	*-2.13*	
		For 304 Stainless Steel, Add	*29.67*	
		For 316 Stainless Steel, Add	*33.31*	
		For Aluminum, Add	*1.87*	
		For Galvanized Steel, Add	*6.45*	

05 12 23 00-0383 1/8" Wall Thickness *(05 12 23 00-0365)*

05 12 23 00-0384	LF	2" x 2" x 1/8" Square Steel Tubing	14.32	4.24
		For >100 To 250, Deduct	*-0.64*	
		For >250 To 500, Deduct	*-1.00*	
		For >500 To 1,000, Deduct	*-1.50*	
		For >1,000, Deduct	*-2.00*	
		For 304 Stainless Steel, Add	*24.71*	
		For 316 Stainless Steel, Add	*27.74*	
		For Aluminum, Add	*1.56*	
		For Galvanized Steel, Add	*5.38*	
05 12 23 00-0385	LF	2-1/2" x 2-1/2" x 1/8" Square Steel Tubing	18.87	5.37
		For >100 To 250, Deduct	*-0.83*	
		For >250 To 500, Deduct	*-1.30*	
		For >500 To 1,000, Deduct	*-1.95*	
		For >1,000, Deduct	*-2.60*	
		For 304 Stainless Steel, Add	*33.37*	
		For 316 Stainless Steel, Add	*37.47*	
		For Aluminum, Add	*2.11*	
		For Galvanized Steel, Add	*7.26*	
05 12 23 00-0386	LF	3" x 3" x 1/8" Square Steel Tubing	22.13	6.49
		For >100 To 250, Deduct	*-0.99*	
		For >250 To 500, Deduct	*-1.54*	
		For >500 To 1,000, Deduct	*-2.31*	
		For >1,000, Deduct	*-3.08*	
		For 304 Stainless Steel, Add	*38.39*	
		For 316 Stainless Steel, Add	*43.10*	
		For Aluminum, Add	*2.42*	
		For Galvanized Steel, Add	*8.35*	
05 12 23 00-0387	LF	3-1/2" x 3-1/2" x 1/8" Square Steel Tubing	25.66	7.62
		For >100 To 250, Deduct	*-1.15*	
		For >250 To 500, Deduct	*-1.79*	
		For >500 To 1,000, Deduct	*-2.69*	
		For >1,000, Deduct	*-3.58*	
		For 304 Stainless Steel, Add	*44.15*	
		For 316 Stainless Steel, Add	*49.57*	
		For Aluminum, Add	*2.79*	
		For Galvanized Steel, Add	*9.60*	
05 12 23 00-0388	LF	4" x 4" x 1/8" Square Steel Tubing	28.30	8.76
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-2.00*	
		For >500 To 1,000, Deduct	*-3.00*	
		For >1,000, Deduct	*-4.00*	
		For 304 Stainless Steel, Add	*47.40*	
		For 316 Stainless Steel, Add	*53.22*	
		For Aluminum, Add	*2.99*	
		For Galvanized Steel, Add	*10.31*	

05 12 23 00-0389 3/16" Wall Thickness *(05 12 23 00-0365)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0390	LF	2" x 2" x 3/16" Square Steel Tubing	16.24	4.78
		For >100 To 250, Deduct	*-0.72*	
		For >250 To 500, Deduct	*-1.13*	
		For >500 To 1,000, Deduct	*-1.70*	
		For >1,000, Deduct	*-2.26*	
		For 304 Stainless Steel, Add	*28.13*	
		For 316 Stainless Steel, Add	*31.58*	
		For Aluminum, Add	*1.78*	
		For Galvanized Steel, Add	*6.12*	
05 12 23 00-0391	LF	2-1/2" x 2-1/2" x 3/16" Square Steel Tubing	21.02	6.18
		For >100 To 250, Deduct	*-0.94*	
		For >250 To 500, Deduct	*-1.46*	
		For >500 To 1,000, Deduct	*-2.20*	
		For >1,000, Deduct	*-2.93*	
		For 304 Stainless Steel, Add	*36.39*	
		For 316 Stainless Steel, Add	*40.86*	
		For Aluminum, Add	*2.30*	
		For Galvanized Steel, Add	*7.92*	
05 12 23 00-0392	LF	3" x 3" x 3/16" Square Steel Tubing	25.83	7.60
		For >100 To 250, Deduct	*-1.15*	
		For >250 To 500, Deduct	*-1.80*	
		For >500 To 1,000, Deduct	*-2.70*	
		For >1,000, Deduct	*-3.60*	
		For 304 Stainless Steel, Add	*44.72*	
		For 316 Stainless Steel, Add	*50.21*	
		For Aluminum, Add	*2.82*	
		For Galvanized Steel, Add	*9.73*	
05 12 23 00-0393	LF	3-1/2" x 3-1/2" x 3/16" Square Steel Tubing	30.64	9.02
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-2.13*	
		For >500 To 1,000, Deduct	*-3.20*	
		For >1,000, Deduct	*-4.27*	
		For 304 Stainless Steel, Add	*53.07*	
		For 316 Stainless Steel, Add	*59.58*	
		For Aluminum, Add	*3.35*	
		For Galvanized Steel, Add	*11.54*	
05 12 23 00-0394	LF	4" x 4" x 3/16" Square Steel Tubing	35.41	10.42
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-2.47*	
		For >500 To 1,000, Deduct	*-3.70*	
		For >1,000, Deduct	*-4.93*	
		For 304 Stainless Steel, Add	*61.33*	
		For 316 Stainless Steel, Add	*68.86*	
		For Aluminum, Add	*3.87*	
		For Galvanized Steel, Add	*13.34*	
05 12 23 00-0395	LF	4-1/2" x 4-1/2" x 3/16" Square Steel Tubing	40.23	11.84
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.80*	
		For >500 To 1,000, Deduct	*-4.20*	
		For >1,000, Deduct	*-5.60*	
		For 304 Stainless Steel, Add	*69.65*	
		For 316 Stainless Steel, Add	*78.21*	
		For Aluminum, Add	*4.40*	
		For Galvanized Steel, Add	*15.15*	
05 12 23 00-0396	LF	5" x 5" x 3/16" Square Steel Tubing	45.01	13.25
		For >100 To 250, Deduct	*-2.01*	
		For >250 To 500, Deduct	*-3.13*	
		For >500 To 1,000, Deduct	*-4.70*	
		For >1,000, Deduct	*-6.27*	
		For 304 Stainless Steel, Add	*77.95*	
		For 316 Stainless Steel, Add	*87.52*	
		For Aluminum, Add	*4.92*	
		For Galvanized Steel, Add	*16.96*	
05 12 23 00-0397	LF	6" x 6" x 3/16" Square Steel Tubing	54.63	16.08
		For >100 To 250, Deduct	*-2.44*	
		For >250 To 500, Deduct	*-3.80*	
		For >500 To 1,000, Deduct	*-5.71*	
		For >1,000, Deduct	*-7.61*	
		For 304 Stainless Steel, Add	*94.59*	
		For 316 Stainless Steel, Add	*106.21*	
		For Aluminum, Add	*5.97*	
		For Galvanized Steel, Add	*20.58*	

05 12 23 00-0398 1/4" Wall Thickness *(05 12 23 00-0365)*

05 12 23 00-0399	LF	2" x 2" x 1/4" Square Steel Tubing	17.29	4.79
		For >100 To 250, Deduct	*-0.75*	
		For >250 To 500, Deduct	*-1.18*	
		For >500 To 1,000, Deduct	*-1.78*	
		For >1,000, Deduct	*-2.37*	
		For 304 Stainless Steel, Add	*31.09*	
		For 316 Stainless Steel, Add	*34.91*	
		For Aluminum, Add	*1.96*	
		For Galvanized Steel, Add	*6.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0400	LF	2-1/2" x 2-1/2" x 1/4" Square Steel Tubing	22.73	6.29
		For >100 To 250, Deduct	*-0.99*	
		For >250 To 500, Deduct	*-1.56*	
		For >500 To 1,000, Deduct	*-2.33*	
		For >1,000, Deduct	*-3.11*	
		For 304 Stainless Steel, Add	*40.87*	
		For 316 Stainless Steel, Add	*45.89*	
		For Aluminum, Add	*2.58*	
		For Galvanized Steel, Add	*8.89*	
05 12 23 00-0401	LF	3" x 3" x 1/4" Square Steel Tubing	28.16	7.80
		For >100 To 250, Deduct	*-1.22*	
		For >250 To 500, Deduct	*-1.93*	
		For >500 To 1,000, Deduct	*-2.89*	
		For >1,000, Deduct	*-3.86*	
		For 304 Stainless Steel, Add	*50.62*	
		For 316 Stainless Steel, Add	*56.83*	
		For Aluminum, Add	*3.20*	
		For Galvanized Steel, Add	*11.01*	
05 12 23 00-0402	LF	3-1/2" x 3-1/2" x 1/4" Square Steel Tubing	33.59	9.30
		For >100 To 250, Deduct	*-1.46*	
		For >250 To 500, Deduct	*-2.30*	
		For >500 To 1,000, Deduct	*-3.45*	
		For >1,000, Deduct	*-4.60*	
		For 304 Stainless Steel, Add	*60.39*	
		For 316 Stainless Steel, Add	*67.81*	
		For Aluminum, Add	*3.81*	
		For Galvanized Steel, Add	*13.14*	
05 12 23 00-0403	LF	4" x 4" x 1/4" Square Steel Tubing	39.03	10.80
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.67*	
		For >500 To 1,000, Deduct	*-4.01*	
		For >1,000, Deduct	*-5.34*	
		For 304 Stainless Steel, Add	*70.17*	
		For 316 Stainless Steel, Add	*78.78*	
		For Aluminum, Add	*4.43*	
		For Galvanized Steel, Add	*15.26*	
05 12 23 00-0404	LF	4-1/2" x 4-1/2" x 1/4" Square Steel Tubing	44.47	12.31
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-3.04*	
		For >500 To 1,000, Deduct	*-4.57*	
		For >1,000, Deduct	*-6.09*	
		For 304 Stainless Steel, Add	*79.94*	
		For 316 Stainless Steel, Add	*89.76*	
		For Aluminum, Add	*5.05*	
		For Galvanized Steel, Add	*17.39*	
05 12 23 00-0405	LF	5" x 5" x 1/4" Square Steel Tubing	49.93	13.82
		For >100 To 250, Deduct	*-2.17*	
		For >250 To 500, Deduct	*-3.42*	
		For >500 To 1,000, Deduct	*-5.13*	
		For >1,000, Deduct	*-6.84*	
		For 304 Stainless Steel, Add	*89.75*	
		For 316 Stainless Steel, Add	*100.77*	
		For Aluminum, Add	*5.67*	
		For Galvanized Steel, Add	*19.52*	
05 12 23 00-0406	LF	6" x 6" x 1/4" Square Steel Tubing	60.80	16.83
		For >100 To 250, Deduct	*-2.64*	
		For >250 To 500, Deduct	*-4.16*	
		For >500 To 1,000, Deduct	*-6.24*	
		For >1,000, Deduct	*-8.33*	
		For 304 Stainless Steel, Add	*109.30*	
		For 316 Stainless Steel, Add	*122.72*	
		For Aluminum, Add	*6.90*	
		For Galvanized Steel, Add	*23.78*	

05 12 23 00-0407 Rectangular Steel Tubing *(05 12 23 00-0364)*

05 12 23 00-0408 3/16" Wall Thickness *(05 12 23 00-0407)*

05 12 23 00-0409	LF	3" x 2" x 3/16" Square Steel Tubing	21.02	6.18
		For >100 To 250, Deduct	*-0.94*	
		For >250 To 500, Deduct	*-1.46*	
		For >500 To 1,000, Deduct	*-2.20*	
		For >1,000, Deduct	*-2.93*	
		For 304 Stainless Steel, Add	*36.39*	
		For 316 Stainless Steel, Add	*40.86*	
		For Aluminum, Add	*2.30*	
		For Galvanized Steel, Add	*7.92*	
05 12 23 00-0410	LF	4" x 2" x 3/16" Square Steel Tubing	25.83	7.60
		For >100 To 250, Deduct	*-1.15*	
		For >250 To 500, Deduct	*-1.80*	
		For >500 To 1,000, Deduct	*-2.70*	
		For >1,000, Deduct	*-3.60*	
		For 304 Stainless Steel, Add	*44.72*	
		For 316 Stainless Steel, Add	*50.21*	
		For Aluminum, Add	*2.82*	
		For Galvanized Steel, Add	*9.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0411	LF	4" x 3" x 3/16" Square Steel Tubing	30.64	9.02
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-2.13*	
		For >500 To 1,000, Deduct	*-3.20*	
		For >1,000, Deduct	*-4.27*	
		For 304 Stainless Steel, Add	*53.07*	
		For 316 Stainless Steel, Add	*59.58*	
		For Aluminum, Add	*3.35*	
		For Galvanized Steel, Add	*11.54*	
05 12 23 00-0412	LF	5" x 2" x 3/16" Square Steel Tubing	30.64	9.02
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-2.13*	
		For >500 To 1,000, Deduct	*-3.20*	
		For >1,000, Deduct	*-4.27*	
		For 304 Stainless Steel, Add	*53.07*	
		For 316 Stainless Steel, Add	*59.58*	
		For Aluminum, Add	*3.35*	
		For Galvanized Steel, Add	*11.54*	
05 12 23 00-0413	LF	5" x 3" x 3/16" Square Steel Tubing	35.41	10.42
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-2.47*	
		For >500 To 1,000, Deduct	*-3.70*	
		For >1,000, Deduct	*-4.93*	
		For 304 Stainless Steel, Add	*61.33*	
		For 316 Stainless Steel, Add	*68.86*	
		For Aluminum, Add	*3.87*	
		For Galvanized Steel, Add	*13.34*	
05 12 23 00-0414	LF	5" x 4" x 3/16" Square Steel Tubing	40.23	11.84
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.80*	
		For >500 To 1,000, Deduct	*-4.20*	
		For >1,000, Deduct	*-5.60*	
		For 304 Stainless Steel, Add	*69.65*	
		For 316 Stainless Steel, Add	*78.21*	
		For Aluminum, Add	*4.40*	
		For Galvanized Steel, Add	*15.15*	
05 12 23 00-0415	LF	6" x 2" x 3/16" Square Steel Tubing	35.41	10.42
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-2.47*	
		For >500 To 1,000, Deduct	*-3.70*	
		For >1,000, Deduct	*-4.93*	
		For 304 Stainless Steel, Add	*61.33*	
		For 316 Stainless Steel, Add	*68.86*	
		For Aluminum, Add	*3.87*	
		For Galvanized Steel, Add	*13.34*	
05 12 23 00-0416	LF	6" x 3" x 3/16" Square Steel Tubing	40.23	11.84
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.80*	
		For >500 To 1,000, Deduct	*-4.20*	
		For >1,000, Deduct	*-5.60*	
		For 304 Stainless Steel, Add	*69.65*	
		For 316 Stainless Steel, Add	*78.21*	
		For Aluminum, Add	*4.40*	
		For Galvanized Steel, Add	*15.15*	
05 12 23 00-0417	LF	6" x 4" x 3/16" Square Steel Tubing	45.01	13.25
		For >100 To 250, Deduct	*-2.01*	
		For >250 To 500, Deduct	*-3.13*	
		For >500 To 1,000, Deduct	*-4.70*	
		For >1,000, Deduct	*-6.27*	
		For 304 Stainless Steel, Add	*77.95*	
		For 316 Stainless Steel, Add	*87.52*	
		For Aluminum, Add	*4.92*	
		For Galvanized Steel, Add	*16.96*	

05 12 23 00-0418 1/4" Wall Thickness *(05 12 23 00-0407)*

05 12 23 00-0419	LF	3" x 2" x 1/4" Square Steel Tubing	22.73	6.29
		For >100 To 250, Deduct	*-0.99*	
		For >250 To 500, Deduct	*-1.56*	
		For >500 To 1,000, Deduct	*-2.33*	
		For >1,000, Deduct	*-3.11*	
		For 304 Stainless Steel, Add	*40.87*	
		For 316 Stainless Steel, Add	*45.89*	
		For Aluminum, Add	*2.58*	
		For Galvanized Steel, Add	*8.89*	
05 12 23 00-0420	LF	4" x 2" x 1/4" Square Steel Tubing	28.16	7.80
		For >100 To 250, Deduct	*-1.22*	
		For >250 To 500, Deduct	*-1.93*	
		For >500 To 1,000, Deduct	*-2.89*	
		For >1,000, Deduct	*-3.86*	
		For 304 Stainless Steel, Add	*50.62*	
		For 316 Stainless Steel, Add	*56.83*	
		For Aluminum, Add	*3.20*	
		For Galvanized Steel, Add	*11.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0421	LF	4" x 3" x 1/4" Square Steel Tubing	33.59	9.30
		For >100 To 250, Deduct	*-1.46*	
		For >250 To 500, Deduct	*-2.30*	
		For >500 To 1,000, Deduct	*-3.45*	
		For >1,000, Deduct	*-4.60*	
		For 304 Stainless Steel, Add	*60.39*	
		For 316 Stainless Steel, Add	*67.81*	
		For Aluminum, Add	*3.81*	
		For Galvanized Steel, Add	*13.14*	
05 12 23 00-0422	LF	5" x 2" x 1/4" Square Steel Tubing	33.59	9.30
		For >100 To 250, Deduct	*-1.46*	
		For >250 To 500, Deduct	*-2.30*	
		For >500 To 1,000, Deduct	*-3.45*	
		For >1,000, Deduct	*-4.60*	
		For 304 Stainless Steel, Add	*60.39*	
		For 316 Stainless Steel, Add	*67.81*	
		For Aluminum, Add	*3.81*	
		For Galvanized Steel, Add	*13.14*	
05 12 23 00-0423	LF	5" x 3" x 1/4" Square Steel Tubing	39.03	10.80
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.67*	
		For >500 To 1,000, Deduct	*-4.01*	
		For >1,000, Deduct	*-5.34*	
		For 304 Stainless Steel, Add	*70.17*	
		For 316 Stainless Steel, Add	*78.78*	
		For Aluminum, Add	*4.43*	
		For Galvanized Steel, Add	*15.26*	
05 12 23 00-0424	LF	5" x 4" x 1/4" Square Steel Tubing	44.47	12.31
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-3.04*	
		For >500 To 1,000, Deduct	*-4.57*	
		For >1,000, Deduct	*-6.09*	
		For 304 Stainless Steel, Add	*79.94*	
		For 316 Stainless Steel, Add	*89.76*	
		For Aluminum, Add	*5.05*	
		For Galvanized Steel, Add	*17.39*	
05 12 23 00-0425	LF	6" x 2" x 1/4" Square Steel Tubing	39.03	10.80
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.67*	
		For >500 To 1,000, Deduct	*-4.01*	
		For >1,000, Deduct	*-5.34*	
		For 304 Stainless Steel, Add	*70.17*	
		For 316 Stainless Steel, Add	*78.78*	
		For Aluminum, Add	*4.43*	
		For Galvanized Steel, Add	*15.26*	
05 12 23 00-0426	LF	6" x 3" x 1/4" Square Steel Tubing	44.47	12.31
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-3.04*	
		For >500 To 1,000, Deduct	*-4.57*	
		For >1,000, Deduct	*-6.09*	
		For 304 Stainless Steel, Add	*79.94*	
		For 316 Stainless Steel, Add	*89.76*	
		For Aluminum, Add	*5.05*	
		For Galvanized Steel, Add	*17.39*	
05 12 23 00-0427	LF	6" x 4" x 1/4" Square Steel Tubing	49.93	13.82
		For >100 To 250, Deduct	*-2.17*	
		For >250 To 500, Deduct	*-3.42*	
		For >500 To 1,000, Deduct	*-5.13*	
		For >1,000, Deduct	*-6.84*	
		For 304 Stainless Steel, Add	*89.75*	
		For 316 Stainless Steel, Add	*100.77*	
		For Aluminum, Add	*5.67*	
		For Galvanized Steel, Add	*19.52*	
05 12 23 00-0428		Round Steel Tubing *(05 12 23 00-0364)*		
05 12 23 00-0429		0.065" Wall Thickness *(05 12 23 00-0428)*		
05 12 23 00-0430	LF	1" Diameter x 0.065" Round Steel Tubing	4.60	1.15
		For >100 To 250, Deduct	*-0.19*	
		For >250 To 500, Deduct	*-0.31*	
		For >500 To 1,000, Deduct	*-0.46*	
		For >1,000, Deduct	*-0.61*	
		For 304 Stainless Steel, Add	*8.75*	
		For 316 Stainless Steel, Add	*9.82*	
		For Aluminum, Add	*0.55*	
		For Galvanized Steel, Add	*1.90*	
05 12 23 00-0431	LF	1-1/4" Diameter x 0.065" Round Steel Tubing	5.83	1.46
		For >100 To 250, Deduct	*-0.24*	
		For >250 To 500, Deduct	*-0.39*	
		For >500 To 1,000, Deduct	*-0.58*	
		For >1,000, Deduct	*-0.78*	
		For 304 Stainless Steel, Add	*11.09*	
		For 316 Stainless Steel, Add	*12.45*	
		For Aluminum, Add	*0.70*	
		For Galvanized Steel, Add	*2.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0432	LF	1-1/2" Diameter x 0.065" Round Steel Tubing	7.06	1.76
		For >100 To 250, Deduct	*-0.29*	
		For >250 To 500, Deduct	*-0.47*	
		For >500 To 1,000, Deduct	*-0.71*	
		For >1,000, Deduct	*-0.94*	
		For 304 Stainless Steel, Add	*13.40*	
		For 316 Stainless Steel, Add	*15.04*	
		For Aluminum, Add	*0.85*	
		For Galvanized Steel, Add	*2.91*	
05 12 23 00-0433	LF	2" Diameter x 0.065" Round Steel Tubing	9.51	2.38
		For >100 To 250, Deduct	*-0.40*	
		For >250 To 500, Deduct	*-0.63*	
		For >500 To 1,000, Deduct	*-0.95*	
		For >1,000, Deduct	*-1.27*	
		For 304 Stainless Steel, Add	*18.07*	
		For 316 Stainless Steel, Add	*20.29*	
		For Aluminum, Add	*1.14*	
		For Galvanized Steel, Add	*3.93*	
05 12 23 00-0434	LF	2-1/2" Diameter x 0.065" Round Steel Tubing	11.97	2.99
		For >100 To 250, Deduct	*-0.50*	
		For >250 To 500, Deduct	*-0.80*	
		For >500 To 1,000, Deduct	*-1.20*	
		For >1,000, Deduct	*-1.60*	
		For 304 Stainless Steel, Add	*22.74*	
		For 316 Stainless Steel, Add	*25.54*	
		For Aluminum, Add	*1.44*	
		For Galvanized Steel, Add	*4.95*	
05 12 23 00-0435	LF	3" Diameter x 0.065" Round Steel Tubing	14.43	3.60
		For >100 To 250, Deduct	*-0.60*	
		For >250 To 500, Deduct	*-0.96*	
		For >500 To 1,000, Deduct	*-1.44*	
		For >1,000, Deduct	*-1.92*	
		For 304 Stainless Steel, Add	*27.42*	
		For 316 Stainless Steel, Add	*30.78*	
		For Aluminum, Add	*1.73*	
		For Galvanized Steel, Add	*5.96*	
05 12 23 00-0436	LF	3-1/2" Diameter x 0.065" Round Steel Tubing	16.89	4.22
		For >100 To 250, Deduct	*-0.70*	
		For >250 To 500, Deduct	*-1.13*	
		For >500 To 1,000, Deduct	*-1.69*	
		For >1,000, Deduct	*-2.25*	
		For 304 Stainless Steel, Add	*32.09*	
		For 316 Stainless Steel, Add	*36.03*	
		For Aluminum, Add	*2.03*	
		For Galvanized Steel, Add	*6.98*	
05 12 23 00-0437	LF	4" Diameter x 0.065" Round Steel Tubing	19.35	4.83
		For >100 To 250, Deduct	*-0.81*	
		For >250 To 500, Deduct	*-1.29*	
		For >500 To 1,000, Deduct	*-1.94*	
		For >1,000, Deduct	*-2.58*	
		For 304 Stainless Steel, Add	*36.77*	
		For 316 Stainless Steel, Add	*41.28*	
		For Aluminum, Add	*2.32*	
		For Galvanized Steel, Add	*8.00*	

05 12 23 00-0438 0.083" Wall Thickness *(05 12 23 00-0428)*

05 12 23 00-0439	LF	1" Diameter x 0.083" Round Steel Tubing	5.00	1.26
		For >100 To 250, Deduct	*-0.21*	
		For >250 To 500, Deduct	*-0.33*	
		For >500 To 1,000, Deduct	*-0.50*	
		For >1,000, Deduct	*-0.67*	
		For 304 Stainless Steel, Add	*9.46*	
		For 316 Stainless Steel, Add	*10.62*	
		For Aluminum, Add	*0.60*	
		For Galvanized Steel, Add	*2.06*	
05 12 23 00-0440	LF	1-1/4" Diameter x 0.083" Round Steel Tubing	6.35	1.60
		For >100 To 250, Deduct	*-0.27*	
		For >250 To 500, Deduct	*-0.42*	
		For >500 To 1,000, Deduct	*-0.64*	
		For >1,000, Deduct	*-0.85*	
		For 304 Stainless Steel, Add	*12.03*	
		For 316 Stainless Steel, Add	*13.50*	
		For Aluminum, Add	*0.76*	
		For Galvanized Steel, Add	*2.62*	
05 12 23 00-0441	LF	1-1/2" Diameter x 0.083" Round Steel Tubing	7.72	1.94
		For >100 To 250, Deduct	*-0.32*	
		For >250 To 500, Deduct	*-0.52*	
		For >500 To 1,000, Deduct	*-0.77*	
		For >1,000, Deduct	*-1.03*	
		For 304 Stainless Steel, Add	*14.59*	
		For 316 Stainless Steel, Add	*16.38*	
		For Aluminum, Add	*0.92*	
		For Galvanized Steel, Add	*3.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0442	LF	2" Diameter x 0.083" Round Steel Tubing	10.44	2.63
		For >100 To 250, Deduct	*-0.44*	
		For >250 To 500, Deduct	*-0.70*	
		For >500 To 1,000, Deduct	*-1.05*	
		For >1,000, Deduct	*-1.40*	
		For 304 Stainless Steel, Add	*19.75*	
		For 316 Stainless Steel, Add	*22.18*	
		For Aluminum, Add	*1.25*	
		For Galvanized Steel, Add	*4.30*	
05 12 23 00-0443	LF	2-1/2" Diameter x 0.083" Round Steel Tubing	13.17	3.32
		For >100 To 250, Deduct	*-0.55*	
		For >250 To 500, Deduct	*-0.88*	
		For >500 To 1,000, Deduct	*-1.32*	
		For >1,000, Deduct	*-1.76*	
		For 304 Stainless Steel, Add	*24.91*	
		For 316 Stainless Steel, Add	*27.97*	
		For Aluminum, Add	*1.57*	
		For Galvanized Steel, Add	*5.42*	
05 12 23 00-0444	LF	3" Diameter x 0.083" Round Steel Tubing	15.89	4.01
		For >100 To 250, Deduct	*-0.66*	
		For >250 To 500, Deduct	*-1.06*	
		For >500 To 1,000, Deduct	*-1.59*	
		For >1,000, Deduct	*-2.12*	
		For 304 Stainless Steel, Add	*30.07*	
		For 316 Stainless Steel, Add	*33.76*	
		For Aluminum, Add	*1.90*	
		For Galvanized Steel, Add	*6.54*	
05 12 23 00-0445	LF	3-1/2" Diameter x 0.083" Round Steel Tubing	18.61	4.69
		For >100 To 250, Deduct	*-0.78*	
		For >250 To 500, Deduct	*-1.24*	
		For >500 To 1,000, Deduct	*-1.86*	
		For >1,000, Deduct	*-2.49*	
		For 304 Stainless Steel, Add	*35.23*	
		For 316 Stainless Steel, Add	*39.55*	
		For Aluminum, Add	*2.22*	
		For Galvanized Steel, Add	*7.66*	
05 12 23 00-0446	LF	4" Diameter x 0.083" Round Steel Tubing	21.33	5.38
		For >100 To 250, Deduct	*-0.89*	
		For >250 To 500, Deduct	*-1.43*	
		For >500 To 1,000, Deduct	*-2.14*	
		For >1,000, Deduct	*-2.85*	
		For 304 Stainless Steel, Add	*40.36*	
		For 316 Stainless Steel, Add	*45.31*	
		For Aluminum, Add	*2.55*	
		For Galvanized Steel, Add	*8.78*	
05 12 23 00-0447		0.125" Wall Thickness *(05 12 23 00-0428)*		
05 12 23 00-0448	LF	2" Diameter x 0.125" Round Steel Tubing	11.23	3.32
		For >100 To 250, Deduct	*-0.50*	
		For >250 To 500, Deduct	*-0.78*	
		For >500 To 1,000, Deduct	*-1.17*	
		For >1,000, Deduct	*-1.57*	
		For 304 Stainless Steel, Add	*19.38*	
		For 316 Stainless Steel, Add	*21.76*	
		For Aluminum, Add	*1.22*	
		For Galvanized Steel, Add	*4.22*	
05 12 23 00-0449	LF	2-1/2" Diameter x 0.125" Round Steel Tubing	14.24	4.21
		For >100 To 250, Deduct	*-0.64*	
		For >250 To 500, Deduct	*-0.99*	
		For >500 To 1,000, Deduct	*-1.49*	
		For >1,000, Deduct	*-1.99*	
		For 304 Stainless Steel, Add	*24.57*	
		For 316 Stainless Steel, Add	*27.58*	
		For Aluminum, Add	*1.55*	
		For Galvanized Steel, Add	*5.34*	
05 12 23 00-0450	LF	3" Diameter x 0.125" Round Steel Tubing	17.23	5.09
		For >100 To 250, Deduct	*-0.77*	
		For >250 To 500, Deduct	*-1.20*	
		For >500 To 1,000, Deduct	*-1.80*	
		For >1,000, Deduct	*-2.40*	
		For 304 Stainless Steel, Add	*29.73*	
		For 316 Stainless Steel, Add	*33.38*	
		For Aluminum, Add	*1.88*	
		For Galvanized Steel, Add	*6.47*	
05 12 23 00-0451	LF	3-1/2" Diameter x 0.125" Round Steel Tubing	20.22	5.98
		For >100 To 250, Deduct	*-0.90*	
		For >250 To 500, Deduct	*-1.41*	
		For >500 To 1,000, Deduct	*-2.11*	
		For >1,000, Deduct	*-2.82*	
		For 304 Stainless Steel, Add	*34.91*	
		For 316 Stainless Steel, Add	*39.20*	
		For Aluminum, Add	*2.21*	
		For Galvanized Steel, Add	*7.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0452	LF	4" Diameter x 0.125" Round Steel Tubing	23.22	6.87
		For >100 To 250, Deduct	*-1.04*	
		For >250 To 500, Deduct	*-1.62*	
		For >500 To 1,000, Deduct	*-2.43*	
		For >1,000, Deduct	*-3.24*	
		For 304 Stainless Steel, Add	*40.07*	
		For 316 Stainless Steel, Add	*44.99*	
		For Aluminum, Add	*2.53*	
		For Galvanized Steel, Add	*8.72*	

05 12 23 00-0453 Flat Steel Bar *(05 12 23 00-0105)*

05 12 23 00-0454 1/8" Thick *(05 12 23 00-0453)*

05 12 23 00-0455	LF	1/8" Thick x 1" Wide Flat Steel Bar	3.50	1.65
		For 304 Stainless Steel, Add	*2.91*	
		For 316 Stainless Steel, Add	*3.26*	
		For Aluminum, Add	*0.18*	
		For Galvanized Steel, Add	*0.63*	
05 12 23 00-0456	LF	1/8" Thick x 2" Wide Flat Steel Bar	5.42	2.48
		For 304 Stainless Steel, Add	*4.85*	
		For 316 Stainless Steel, Add	*5.44*	
		For Aluminum, Add	*0.31*	
		For Galvanized Steel, Add	*1.05*	
05 12 23 00-0457	LF	1/8" Thick x 4" Wide Flat Steel Bar	8.33	3.49
		For 304 Stainless Steel, Add	*8.81*	
		For 316 Stainless Steel, Add	*9.89*	
		For Aluminum, Add	*0.56*	
		For Galvanized Steel, Add	*1.92*	
05 12 23 00-0458	LF	1/8" Thick x 6" Wide Flat Steel Bar	11.29	4.74
		For 304 Stainless Steel, Add	*11.88*	
		For 316 Stainless Steel, Add	*13.34*	
		For Aluminum, Add	*0.75*	
		For Galvanized Steel, Add	*2.59*	

05 12 23 00-0459 3/16" Thick *(05 12 23 00-0453)*

05 12 23 00-0460	LF	3/16" Thick x 1" Wide Flat Steel Bar	4.63	2.05
		For 304 Stainless Steel, Add	*4.42*	
		For 316 Stainless Steel, Add	*4.96*	
		For Aluminum, Add	*0.28*	
		For Galvanized Steel, Add	*0.96*	
05 12 23 00-0461	LF	3/16" Thick x 2" Wide Flat Steel Bar	7.31	3.08
		For 304 Stainless Steel, Add	*7.64*	
		For 316 Stainless Steel, Add	*8.58*	
		For Aluminum, Add	*0.48*	
		For Galvanized Steel, Add	*1.66*	
05 12 23 00-0462	LF	3/16" Thick x 4" Wide Flat Steel Bar	9.84	3.54
		For 304 Stainless Steel, Add	*12.88*	
		For 316 Stainless Steel, Add	*14.46*	
		For Aluminum, Add	*0.81*	
		For Galvanized Steel, Add	*2.80*	
05 12 23 00-0463	LF	3/16" Thick x 6" Wide Flat Steel Bar	13.61	4.91
		For 304 Stainless Steel, Add	*17.81*	
		For 316 Stainless Steel, Add	*20.00*	
		For Aluminum, Add	*1.13*	
		For Galvanized Steel, Add	*3.88*	

05 12 23 00-0464 1/4" Thick *(05 12 23 00-0453)*

05 12 23 00-0465	LF	1/4" Thick x 1" Wide Flat Steel Bar	4.79	2.17
		For 304 Stainless Steel, Add	*4.36*	
		For 316 Stainless Steel, Add	*4.90*	
		For Aluminum, Add	*0.28*	
		For Galvanized Steel, Add	*0.95*	
05 12 23 00-0466	LF	1/4" Thick x 2" Wide Flat Steel Bar	7.98	3.26
		For 304 Stainless Steel, Add	*8.84*	
		For 316 Stainless Steel, Add	*9.92*	
		For Aluminum, Add	*0.56*	
		For Galvanized Steel, Add	*1.92*	
05 12 23 00-0467	LF	1/4" Thick x 4" Wide Flat Steel Bar	11.59	3.72
		For 304 Stainless Steel, Add	*17.13*	
		For 316 Stainless Steel, Add	*19.23*	
		For Aluminum, Add	*1.08*	
		For Galvanized Steel, Add	*3.73*	
05 12 23 00-0468	LF	1/4" Thick x 6" Wide Flat Steel Bar	16.78	5.50
		For 304 Stainless Steel, Add	*24.25*	
		For 316 Stainless Steel, Add	*27.23*	
		For Aluminum, Add	*1.53*	
		For Galvanized Steel, Add	*5.28*	

05 12 23 00-0469 3/8" Thick *(05 12 23 00-0453)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0470	LF	3/8" Thick x 1" Wide Flat Steel Bar	6.08	2.45
		For 304 Stainless Steel, Add	*6.87*	
		For 316 Stainless Steel, Add	*7.71*	
		For Aluminum, Add	*0.43*	
		For Galvanized Steel, Add	*1.49*	
05 12 23 00-0471	LF	3/8" Thick x 2" Wide Flat Steel Bar	9.94	3.65
		For 304 Stainless Steel, Add	*12.65*	
		For 316 Stainless Steel, Add	*14.21*	
		For Aluminum, Add	*0.80*	
		For Galvanized Steel, Add	*2.75*	
05 12 23 00-0472	LF	3/8" Thick x 4" Wide Flat Steel Bar	15.17	4.18
		For 304 Stainless Steel, Add	*25.34*	
		For 316 Stainless Steel, Add	*28.45*	
		For Aluminum, Add	*1.60*	
		For Galvanized Steel, Add	*5.51*	
05 12 23 00-0473	LF	3/8" Thick x 6" Wide Flat Steel Bar	21.80	6.18
		For 304 Stainless Steel, Add	*35.63*	
		For 316 Stainless Steel, Add	*40.00*	
		For Aluminum, Add	*2.25*	
		For Galvanized Steel, Add	*7.75*	
05 12 23 00-0474		1/2" Thick *(05 12 23 00-0453)*		
05 12 23 00-0475	LF	1/2" Thick x 1" Wide Flat Steel Bar	7.13	2.68
		For 304 Stainless Steel, Add	*8.81*	
		For 316 Stainless Steel, Add	*9.89*	
		For Aluminum, Add	*0.56*	
		For Galvanized Steel, Add	*1.92*	
05 12 23 00-0476	LF	1/2" Thick x 2" Wide Flat Steel Bar	11.72	4.04
		For 304 Stainless Steel, Add	*16.16*	
		For 316 Stainless Steel, Add	*18.14*	
		For Aluminum, Add	*1.02*	
		For Galvanized Steel, Add	*3.52*	
05 12 23 00-0477	LF	1/2" Thick x 4" Wide Flat Steel Bar	16.57	4.59
		For 304 Stainless Steel, Add	*27.53*	
		For 316 Stainless Steel, Add	*30.91*	
		For Aluminum, Add	*1.74*	
		For Galvanized Steel, Add	*5.99*	
05 12 23 00-0478	LF	1/2" Thick x 6" Wide Flat Steel Bar	29.49	6.81
		For 304 Stainless Steel, Add	*54.92*	
		For 316 Stainless Steel, Add	*61.66*	
		For Aluminum, Add	*3.47*	
		For Galvanized Steel, Add	*11.95*	
05 12 23 00-0479		Flat Steel Plate *(05 12 23 00-0105)*		
05 12 23 00-0480	SF	1/8" Thick Flat Steel Plate	17.95	7.12
		For 304 Stainless Steel, Add	*20.72*	
		For 316 Stainless Steel, Add	*23.26*	
		For Aluminum, Add	*1.31*	
		For Galvanized Steel, Add	*4.51*	
05 12 23 00-0481	SF	3/16" Thick Flat Steel Plate	20.16	7.36
		For 304 Stainless Steel, Add	*25.94*	
		For 316 Stainless Steel, Add	*29.12*	
		For Aluminum, Add	*1.64*	
		For Galvanized Steel, Add	*5.64*	
05 12 23 00-0482	SF	1/4" Thick Flat Steel Plate	23.99	8.25
		For 304 Stainless Steel, Add	*33.06*	
		For 316 Stainless Steel, Add	*37.12*	
		For Aluminum, Add	*2.09*	
		For Galvanized Steel, Add	*7.19*	
05 12 23 00-0483	SF	3/8" Thick Flat Steel Plate	32.14	9.29
		For 304 Stainless Steel, Add	*51.90*	
		For 316 Stainless Steel, Add	*58.27*	
		For Aluminum, Add	*3.28*	
		For Galvanized Steel, Add	*11.29*	
05 12 23 00-0484	SF	1/2" Thick Flat Steel Plate	38.01	10.21
		For 304 Stainless Steel, Add	*64.64*	
		For 316 Stainless Steel, Add	*72.58*	
		For Aluminum, Add	*4.08*	
		For Galvanized Steel, Add	*14.06*	
05 12 23 00-0485	SF	3/4" Thick Flat Steel Plate	61.70	12.65
		For 304 Stainless Steel, Add	*121.24*	
		For 316 Stainless Steel, Add	*136.13*	
		For Aluminum, Add	*7.66*	
		For Galvanized Steel, Add	*26.37*	
05 12 23 00-0486	SF	1" Thick Flat Steel Plate	82.19	15.81
		For 304 Stainless Steel, Add	*165.98*	
		For 316 Stainless Steel, Add	*186.37*	
		For Aluminum, Add	*10.48*	
		For Galvanized Steel, Add	*36.11*	
05 12 23 00-0487		Metal Runner/Track *(05 12 23 00-0105)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0488	LF	4" Wide x 1-1/4" Leg, 18 Gauge, Slotted Metal Runner	9.93	3.96
		For >100 To 250, Deduct	*-0.51*	
		For >250 To 500, Deduct	*-0.76*	
		For >500 To 1,000, Deduct	*-1.14*	
		For >1,000, Deduct	*-1.53*	
05 12 23 00-0489	LF	6" Wide x 1-1/4" Leg, 18 Gauge, Slotted Metal Runner	12.10	4.43
		For >100 To 250, Deduct	*-0.60*	
		For >250 To 500, Deduct	*-0.90*	
		For >500 To 1,000, Deduct	*-1.35*	
		For >1,000, Deduct	*-1.80*	
05 12 23 00-0490	LF	8" Wide x 1-1/4" Leg, 18 Gauge, Slotted Metal Runner	14.59	5.08
		For >100 To 250, Deduct	*-0.70*	
		For >250 To 500, Deduct	*-1.07*	
		For >500 To 1,000, Deduct	*-1.60*	
		For >1,000, Deduct	*-2.14*	
05 12 23 00-0491	LF	10" Wide x 1-1/4" Leg, 18 Gauge, Slotted Metal Runner	17.13	5.54
		For >100 To 250, Deduct	*-0.80*	
		For >250 To 500, Deduct	*-1.23*	
		For >500 To 1,000, Deduct	*-1.84*	
		For >1,000, Deduct	*-2.45*	
05 12 23 00-0492	LF	4" Wide x 1-1/4" Leg, 16 Gauge, Slotted Metal Runner	10.93	3.96
		For >100 To 250, Deduct	*-0.54*	
		For >250 To 500, Deduct	*-0.81*	
		For >500 To 1,000, Deduct	*-1.22*	
		For >1,000, Deduct	*-1.63*	
05 12 23 00-0493	LF	6" Wide x 1-1/4" Leg, 16 Gauge, Slotted Metal Runner	13.53	4.43
		For >100 To 250, Deduct	*-0.63*	
		For >250 To 500, Deduct	*-0.97*	
		For >500 To 1,000, Deduct	*-1.46*	
		For >1,000, Deduct	*-1.94*	
05 12 23 00-0494	LF	8" Wide x 1-1/4" Leg, 16 Gauge, Slotted Metal Runner	16.02	5.08
		For >100 To 250, Deduct	*-0.74*	
		For >250 To 500, Deduct	*-1.14*	
		For >500 To 1,000, Deduct	*-1.71*	
		For >1,000, Deduct	*-2.28*	
05 12 23 00-0495	LF	10" Wide x 1-1/4" Leg, 16 Gauge, Slotted Metal Runner	18.92	5.54
		For >100 To 250, Deduct	*-0.84*	
		For >250 To 500, Deduct	*-1.32*	
		For >500 To 1,000, Deduct	*-1.97*	
		For >1,000, Deduct	*-2.63*	
05 12 23 00-0496	LF	4" Wide x 1-1/4" Leg, 14 Gauge, Slotted Metal Runner	12.26	4.38
		For >100 To 250, Deduct	*-0.60*	
		For >250 To 500, Deduct	*-0.91*	
		For >500 To 1,000, Deduct	*-1.36*	
		For >1,000, Deduct	*-1.81*	
05 12 23 00-0497	LF	6" Wide x 1-1/4" Leg, 14 Gauge, Slotted Metal Runner	15.20	4.87
		For >100 To 250, Deduct	*-0.70*	
		For >250 To 500, Deduct	*-1.08*	
		For >500 To 1,000, Deduct	*-1.63*	
		For >1,000, Deduct	*-2.17*	
05 12 23 00-0498	LF	8" Wide x 1-1/4" Leg, 14 Gauge, Slotted Metal Runner	17.37	5.60
		For >100 To 250, Deduct	*-0.81*	
		For >250 To 500, Deduct	*-1.24*	
		For >500 To 1,000, Deduct	*-1.86*	
		For >1,000, Deduct	*-2.48*	
05 12 23 00-0499	LF	10" Wide x 1-1/4" Leg, 14 Gauge, Slotted Metal Runner	20.51	6.08
		For >100 To 250, Deduct	*-0.92*	
		For >250 To 500, Deduct	*-1.43*	
		For >500 To 1,000, Deduct	*-2.15*	
		For >1,000, Deduct	*-2.86*	

05 13 Structural Stainless-Steel Framing *(05 10)*

05 13 00 00-0001 Stainless Steel Tube *(05 13)*

05 13 00 00-0002	LF	1" x 1" Stainless Steel Tube	38.68	
05 13 00 00-0003	LF	1-1/2" x 1-1/2" Stainless Steel Tube	50.20	
05 13 00 00-0004	LF	2" x 2" Stainless Steel Tube	68.38	

05 14 Structural Aluminum Framing *(05 10)*

05 14 13 Architecturally-Exposed Structural Aluminum Framing *(05 14)*

05 14 13 00-0001 Rolled Or Plate Shapes *(05 14 13)*

Note: 1" through 10" member.

05 14 13 00-0002	LB	Structural Aluminum, Up To 2,000 Lb. / Order 1" To 10" Rolled / Plate Structural Members	9.33	0.94
05 14 13 00-0003	LB	Structural Aluminum, >2,000 - 9,999 Lb. / Order 1" To 10" Rolled / Plate Structural Members	8.22	0.87

05 14 13 00-0004 Aluminum Extrusions *(05 14 13)*

05 14 13 00-0005	LB	Aluminum Extrusions, Stock Shapes 1" To 10" Rolled / Plate Structural Members	15.38	3.88
05 14 13 00-0006	LB	Aluminum Extrusions, Custom Shapes 1" To 10" Rolled / Plate Structural Members	16.27	3.88

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 14 13 00-0007		Aluminum Tubing *(05 14 13)*		
05 14 13 00-0008	LB	Aluminum Extrusions, Tubular Shapes 1" To 10" Rolled / Plate Structural Members	13.81	4.00
05 14 13 00-0009	LF	1" x 1" Aluminum Tubing, 1/8" Wall Thickness	12.61	6.49
05 14 13 00-0010	LF	1-1/4" x 1-1/4" Aluminum Tubing, 1/8" Wall Thickness	15.19	7.08
05 14 13 00-0011	LF	1-1/2" x 1-1/2" Aluminum Tubing, 1/8" Wall Thickness	17.45	8.27
05 14 13 00-0012	LF	2" x 2" Aluminum Tubing, 1/8" Wall Thickness	20.68	8.85
05 14 13 00-0013	LF	4" x 4" Aluminum Tubing, 1/4" Wall Thickness	59.32	11.22
05 14 13 00-0014	LF	2" x 5" Aluminum Tubing, 1/4" Wall Thickness	48.64	10.03

05 15 Wire Rope Assemblies *(05 10)*

05 15 16 Steel Wire Rope Assemblies *(05 15)*

05 15 16 00-0001		6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope *(05 15 16)*		
05 15 16 00-0002	LF	1/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	1.53	0.12
		For >500, Deduct	*-0.27*	
05 15 16 00-0003	LF	5/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	2.06	0.12
		For >500, Deduct	*-0.35*	
05 15 16 00-0004	LF	3/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	2.46	0.23
		For >500, Deduct	*-0.40*	
05 15 16 00-0005	LF	7/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	2.98	0.23
		For >500, Deduct	*-0.47*	
05 15 16 00-0006	LF	1/2" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	3.47	0.35
		For >500, Deduct	*-0.53*	
05 15 16 00-0007	LF	9/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	4.26	0.47
		For >500, Deduct	*-0.64*	
05 15 16 00-0008	LF	5/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	5.09	0.47
		For >500, Deduct	*-0.76*	
05 15 16 00-0009	LF	3/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	7.07	0.83
		For >500, Deduct	*-1.04*	
05 15 16 00-0010	LF	7/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	9.51	0.95
		For >500, Deduct	*-1.40*	
05 15 16 00-0011	LF	1" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	11.86	1.30
		For >500, Deduct	*-1.70*	
05 15 16 00-0012	LF	1-1/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	14.67	1.65
		For >500, Deduct	*-2.10*	
05 15 16 00-0013	LF	1-1/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	17.89	2.00
		For >500, Deduct	*-2.57*	
05 15 16 00-0014		6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope *(05 15 16)*		
05 15 16 00-0015	LF	1/4" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	1.79	0.12
		For >500, Deduct	*-0.32*	
05 15 16 00-0016	LF	5/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	2.33	0.12
		For >500, Deduct	*-0.40*	
05 15 16 00-0017	LF	3/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	2.90	0.23
		For >500, Deduct	*-0.49*	
05 15 16 00-0018	LF	7/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	3.31	0.23
		For >500, Deduct	*-0.54*	
05 15 16 00-0019	LF	1/2" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	3.96	0.35
		For >500, Deduct	*-0.63*	
05 15 16 00-0020	LF	9/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	4.57	0.47
		For >500, Deduct	*-0.71*	
05 15 16 00-0021	LF	5/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	5.36	0.47
		For >500, Deduct	*-0.81*	
05 15 16 00-0022	LF	3/4" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	7.86	0.83
		For >500, Deduct	*-1.20*	
05 15 16 00-0023	LF	7/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	10.08	0.95
		For >500, Deduct	*-1.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0024	LF	1" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	12.43	1.30
		For >500, Deduct	*-1.83*	
05 15 16 00-0025	LF	1-1/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	15.92	1.65
		For >500, Deduct	*-2.34*	
05 15 16 00-0026	LF	1-1/4" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	19.36	2.00
		For >500, Deduct	*-2.86*	

05 15 16 00-0027 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope *(05 15 16)*

05 15 16 00-0028	LF	1/4" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	1.42	0.12
		For >500, Deduct	*-0.24*	
05 15 16 00-0029	LF	5/16" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	1.94	0.12
		For >500, Deduct	*-0.33*	
05 15 16 00-0030	LF	3/8" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	2.32	0.23
		For >500, Deduct	*-0.37*	
05 15 16 00-0031	LF	7/16" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	2.74	0.23
		For >500, Deduct	*-0.42*	
05 15 16 00-0032	LF	1/2" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	3.31	0.35
		For >500, Deduct	*-0.50*	
05 15 16 00-0033	LF	9/16" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	4.19	0.47
		For >500, Deduct	*-0.63*	
05 15 16 00-0034	LF	5/8" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	4.90	0.47
		For >500, Deduct	*-0.72*	
05 15 16 00-0035	LF	3/4" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	6.90	0.83
		For >500, Deduct	*-1.01*	
05 15 16 00-0036	LF	7/8" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	8.48	0.95
		For >500, Deduct	*-1.19*	
05 15 16 00-0037	LF	1" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	10.78	1.30
		For >500, Deduct	*-1.49*	

05 15 16 00-0038 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope *(05 15 16)*

05 15 16 00-0039	LF	1/4" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	1.41	0.12
		For >500, Deduct	*-0.24*	
05 15 16 00-0040	LF	5/16" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	1.87	0.12
		For >500, Deduct	*-0.31*	
05 15 16 00-0041	LF	3/8" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	2.32	0.23
		For >500, Deduct	*-0.37*	
05 15 16 00-0042	LF	7/16" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	2.74	0.23
		For >500, Deduct	*-0.42*	
05 15 16 00-0043	LF	1/2" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	3.45	0.35
		For >500, Deduct	*-0.53*	
05 15 16 00-0044	LF	9/16" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	4.12	0.47
		For >500, Deduct	*-0.62*	
05 15 16 00-0045	LF	5/8" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	5.16	0.47
		For >500, Deduct	*-0.77*	
05 15 16 00-0046	LF	3/4" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	7.21	0.83
		For >500, Deduct	*-1.07*	
05 15 16 00-0047	LF	7/8" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	9.44	0.95
		For >500, Deduct	*-1.38*	
05 15 16 00-0048	LF	1" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	11.66	1.30
		For >500, Deduct	*-1.68*	

05 15 16 00-0049 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope *(05 15 16)*

05 15 16 00-0050	LF	3/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	2.62	0.23
		For >500, Deduct	*-0.43*	
05 15 16 00-0051	LF	7/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	3.09	0.23
		For >500, Deduct	*-0.49*	
05 15 16 00-0052	LF	1/2" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	3.63	0.35
		For >500, Deduct	*-0.56*	
05 15 16 00-0053	LF	9/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	4.87	0.47
		For >500, Deduct	*-0.77*	
05 15 16 00-0054	LF	5/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	5.39	0.47
		For >500, Deduct	*-0.82*	
05 15 16 00-0055	LF	3/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	7.37	0.83
		For >500, Deduct	*-1.10*	
05 15 16 00-0056	LF	7/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	9.47	0.95
		For >500, Deduct	*-1.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0057	LF	1" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	12.48	1.30
		For >500, Deduct	*-1.83*	
05 15 16 00-0058	LF	1-1/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	15.13	1.65
		For >500, Deduct	*-2.20*	
05 15 16 00-0059	LF	1-1/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	18.27	2.00
		For >500, Deduct	*-2.64*	
05 15 16 00-0060		6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope *(05 15 16)*		
05 15 16 00-0061	LF	3/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	2.69	0.23
		For >500, Deduct	*-0.45*	
05 15 16 00-0062	LF	7/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	3.26	0.23
		For >500, Deduct	*-0.53*	
05 15 16 00-0063	LF	1/2" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	3.87	0.35
		For >500, Deduct	*-0.61*	
05 15 16 00-0064	LF	9/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	5.39	0.47
		For >500, Deduct	*-0.87*	
05 15 16 00-0065	LF	5/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	5.48	0.47
		For >500, Deduct	*-0.84*	
05 15 16 00-0066	LF	3/4" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	7.54	0.83
		For >500, Deduct	*-1.13*	
05 15 16 00-0067	LF	7/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	10.00	0.95
		For >500, Deduct	*-1.49*	
05 15 16 00-0068	LF	1" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	12.65	1.30
		For >500, Deduct	*-1.86*	
05 15 16 00-0069		19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope *(05 15 16)*		
05 15 16 00-0070	LF	1/4" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	2.74	0.12
		For >500, Deduct	*-0.50*	
05 15 16 00-0071	LF	5/16" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	2.97	0.12
		For >500, Deduct	*-0.53*	
05 15 16 00-0072	LF	3/8" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	3.51	0.23
		For >500, Deduct	*-0.61*	
05 15 16 00-0073	LF	7/16" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	4.71	0.23
		For >500, Deduct	*-0.82*	
05 15 16 00-0074	LF	1/2" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	5.36	0.23
		For >500, Deduct	*-0.95*	
05 15 16 00-0075	LF	9/16" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	6.23	0.47
		For >500, Deduct	*-1.04*	
05 15 16 00-0076	LF	5/8" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	7.42	0.47
		For >500, Deduct	*-1.23*	
05 15 16 00-0077	LF	3/4" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	10.23	0.70
		For >500, Deduct	*-1.68*	
05 15 16 00-0078		7x7, Galvanized Finish, Aircraft Cable *(05 15 16)*		
05 15 16 00-0079	LF	1/16" Diameter, 7x7, Galvanized Finish, Aircraft Cable	0.33	0.08
		For >500, Deduct	*-0.04*	
05 15 16 00-0080	LF	3/32" Diameter, 7x7, Galvanized Finish, Aircraft Cable	0.37	0.09
		For >500, Deduct	*-0.04*	
05 15 16 00-0081	LF	1/8" Diameter, 7x7, Galvanized Finish, Aircraft Cable	0.42	0.11
		For >500, Deduct	*-0.05*	
05 15 16 00-0082	LF	5/32" Diameter, 7x7, Galvanized Finish, Aircraft Cable	0.48	0.12
		For >500, Deduct	*-0.06*	
05 15 16 00-0083	LF	3/16" Diameter, 7x7, Galvanized Finish, Aircraft Cable	0.59	0.12
		For >500, Deduct	*-0.07*	
05 15 16 00-0084		7x19, Galvanized Finish, Aircraft Cable *(05 15 16)*		
05 15 16 00-0085	LF	1/8" Diameter, 7x19, Galvanized Finish, Aircraft Cable	0.58	0.11
		For >500, Deduct	*-0.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0086	LF	5/32" Diameter, 7x19, Galvanized Finish, Aircraft Cable	0.62	0.12
		For >500, Deduct	*-0.09*	
05 15 16 00-0087	LF	3/16" Diameter, 7x19, Galvanized Finish, Aircraft Cable	0.71	0.12
		For >500, Deduct	*-0.10*	
05 15 16 00-0088	LF	1/4" Diameter, 7x19, Galvanized Finish, Aircraft Cable	0.83	0.12
		For >500, Deduct	*-0.13*	
05 15 16 00-0089	LF	5/16" Diameter, 7x19, Galvanized Finish, Aircraft Cable	1.26	0.12
		For >500, Deduct	*-0.19*	
05 15 16 00-0090	LF	3/8" Diameter, 7x19, Galvanized Finish, Aircraft Cable	1.69	0.12
		For >500, Deduct	*-0.25*	
05 15 16 00-0091		**Heavy-Duty, Galvanized Steel, Wire Rope Thimbles** *(05 15 16)*		
05 15 16 00-0092	EA	1/4" Diameter, Heavy-Duty, Galvanized Steel, Wire Rope Thimble	15.11	3.54
05 15 16 00-0093	EA	5/16" Diameter, Heavy-Duty, Galvanized Steel, Wire Rope Thimble	17.16	3.54
05 15 16 00-0094	EA	3/8" Diameter, Heavy-Duty, Galvanized Steel, Wire Rope Thimble	19.43	3.54
05 15 16 00-0095	EA	7/16" Diameter, Heavy-Duty, Galvanized Steel, Wire Rope Thimble	25.66	3.54
05 15 16 00-0096	EA	1/2" Diameter, Heavy-Duty, Galvanized Steel, Wire Rope Thimble	25.70	3.54
05 15 16 00-0097	EA	9/16" Diameter, Heavy-Duty, Galvanized Steel, Wire Rope Thimble	25.70	3.54
05 15 16 00-0098	EA	5/8" Diameter, Heavy-Duty, Galvanized Steel, Wire Rope Thimble	27.81	3.54
05 15 16 00-0099	EA	3/4" Diameter, Heavy-Duty, Galvanized Steel, Wire Rope Thimble	50.85	5.43
05 15 16 00-0100	EA	7/8" Diameter, Heavy-Duty, Galvanized Steel, Wire Rope Thimble	60.00	6.60
05 15 16 00-0101	EA	1" Diameter, Heavy-Duty, Galvanized Steel, Wire Rope Thimble	106.84	10.85
05 15 16 00-0102	EA	1-1/8" Diameter, Heavy-Duty, Galvanized Steel, Wire Rope Thimble	153.39	14.75
05 15 16 00-0103	EA	1-1/4" Diameter, Heavy-Duty, Galvanized Steel, Wire Rope Thimble	153.39	14.75
05 15 16 00-0104		**Galvanized Steel, Wire Rope Clips** *(05 15 16)*		
05 15 16 00-0105	EA	1/8" Diameter, Galvanized Steel, Wire Rope Clip	18.19	3.54
05 15 16 00-0106	EA	3/16" Diameter, Galvanized Steel, Wire Rope Clip	18.58	3.54
05 15 16 00-0107	EA	1/4" Diameter, Galvanized Steel, Wire Rope Clip	21.29	3.54
05 15 16 00-0108	EA	5/16" Diameter, Galvanized Steel, Wire Rope Clip	21.71	3.54
05 15 16 00-0109	EA	3/8" Diameter, Galvanized Steel, Wire Rope Clip	22.32	3.54
05 15 16 00-0110	EA	7/16" Diameter, Galvanized Steel, Wire Rope Clip	28.13	3.54
05 15 16 00-0111	EA	1/2" Diameter, Galvanized Steel, Wire Rope Clip	28.57	3.54
05 15 16 00-0112	EA	9/16" Diameter, Galvanized Steel, Wire Rope Clip	32.77	3.54
05 15 16 00-0113	EA	5/8" Diameter, Galvanized Steel, Wire Rope Clip	33.37	3.54
05 15 16 00-0114	EA	3/4" Diameter, Galvanized Steel, Wire Rope Clip	45.68	4.72
05 15 16 00-0115	EA	7/8" Diameter, Galvanized Steel, Wire Rope Clip	68.28	7.08
05 15 16 00-0116	EA	1" Diameter, Galvanized Steel, Wire Rope Clip	75.15	7.08
05 15 16 00-0117	EA	1-1/8" Diameter, Galvanized Steel, Wire Rope Clip	88.21	9.44
05 15 16 00-0118	EA	1-1/4" Diameter, Galvanized Steel, Wire Rope Clip	128.11	14.17
05 15 16 00-0119		**Steel, Open Swage Sockets** *(05 15 16)*		
05 15 16 00-0120	EA	1/4" Diameter, Steel, Open Swage Socket	102.00	3.54
05 15 16 00-0121	EA	5/16" Diameter, Steel, Open Swage Socket	162.94	3.54
05 15 16 00-0122	EA	3/8" Diameter, Steel, Open Swage Socket	167.60	4.72
05 15 16 00-0123	EA	7/16" Diameter, Steel, Open Swage Socket	199.14	5.90
05 15 16 00-0124	EA	1/2" Diameter, Steel, Open Swage Socket	199.14	5.90
05 15 16 00-0125	EA	9/16" Diameter, Steel, Open Swage Socket	290.51	12.98
05 15 16 00-0126	EA	5/8" Diameter, Steel, Open Swage Socket	290.51	12.98
05 15 16 00-0127	EA	3/4" Diameter, Steel, Open Swage Socket	369.77	24.79
05 15 16 00-0128	EA	7/8" Diameter, Steel, Open Swage Socket	497.41	35.41
05 15 16 00-0129	EA	1" Diameter, Steel, Open Swage Socket	699.29	54.29
05 15 16 00-0130	EA	1-1/8" Diameter, Steel, Open Swage Socket	915.63	84.98
05 15 16 00-0131	EA	1-1/4" Diameter, Steel, Open Swage Socket	1,066.02	97.97
05 15 16 00-0132		**Steel, Closed Swage Sockets** *(05 15 16)*		
05 15 16 00-0133	EA	1/4" Diameter, Steel, Closed Swage Socket	81.93	3.54
05 15 16 00-0134	EA	5/16" Diameter, Steel, Closed Swage Socket	111.12	3.54
05 15 16 00-0135	EA	3/8" Diameter, Steel, Closed Swage Socket	111.12	3.54
05 15 16 00-0136	EA	7/16" Diameter, Steel, Closed Swage Socket	138.42	4.72
05 15 16 00-0137	EA	1/2" Diameter, Steel, Closed Swage Socket	139.71	4.72
05 15 16 00-0138	EA	9/16" Diameter, Steel, Closed Swage Socket	191.26	8.27
05 15 16 00-0139	EA	5/8" Diameter, Steel, Closed Swage Socket	196.89	9.44
05 15 16 00-0140	EA	3/4" Diameter, Steel, Closed Swage Socket	242.98	15.34
05 15 16 00-0141	EA	7/8" Diameter, Steel, Closed Swage Socket	313.54	22.42
05 15 16 00-0142	EA	1" Diameter, Steel, Closed Swage Socket	448.51	30.69
05 15 16 00-0143	EA	1-1/8" Diameter, Steel, Closed Swage Socket	555.16	42.49
05 15 16 00-0144	EA	1-1/4" Diameter, Steel, Closed Swage Socket	750.91	66.10
05 15 16 00-0145		**Galvanized Steel, Open Spelter Sockets** *(05 15 16)*		
05 15 16 00-0146	EA	1/4" Galvanized Steel, Open Spelter Socket	171.19	3.54
05 15 16 00-0147	EA	5/16" Galvanized Steel, Open Spelter Socket	175.44	3.54
05 15 16 00-0148	EA	3/8" Galvanized Steel, Open Spelter Socket	175.44	3.54
05 15 16 00-0149	EA	7/16" Galvanized Steel, Open Spelter Socket	195.48	7.08
05 15 16 00-0150	EA	1/2" Galvanized Steel, Open Spelter Socket	195.48	7.08

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0151	EA	9/16" Galvanized Steel, Open Spelter Socket	255.79	11.80
05 15 16 00-0152	EA	5/8" Galvanized Steel, Open Spelter Socket	255.79	11.80
05 15 16 00-0153	EA	3/4" Galvanized Steel, Open Spelter Socket	323.30	17.70
05 15 16 00-0154	EA	7/8" Galvanized Steel, Open Spelter Socket	483.11	29.51
05 15 16 00-0155	EA	1" Galvanized Steel, Open Spelter Socket	880.35	46.03
05 15 16 00-0156	EA	1-1/8" Galvanized Steel, Open Spelter Socket	1,030.49	74.36
05 15 16 00-0157	EA	1-1/4" Galvanized Steel, Open Spelter Socket	1,393.17	97.97

05 15 16 00-0158 Galvanized Steel, Closed Spelter Sockets *(05 15 16)*

05 15 16 00-0159	EA	1/4" Galvanized Steel, Closed Spelter Socket	143.43	3.54
05 15 16 00-0160	EA	5/16" Galvanized Steel, Closed Spelter Socket	143.99	3.54
05 15 16 00-0161	EA	3/8" Galvanized Steel, Closed Spelter Socket	143.99	3.54
05 15 16 00-0162	EA	7/16" Galvanized Steel, Closed Spelter Socket	160.95	5.90
05 15 16 00-0163	EA	1/2" Galvanized Steel, Closed Spelter Socket	160.95	5.90
05 15 16 00-0164	EA	9/16" Galvanized Steel, Closed Spelter Socket	224.67	10.62
05 15 16 00-0165	EA	5/8" Galvanized Steel, Closed Spelter Socket	224.67	10.62
05 15 16 00-0166	EA	3/4" Galvanized Steel, Closed Spelter Socket	274.89	15.34
05 15 16 00-0167	EA	7/8" Galvanized Steel, Closed Spelter Socket	401.15	23.61
05 15 16 00-0168	EA	1" Galvanized Steel, Closed Spelter Socket	605.53	36.59
05 15 16 00-0169	EA	1-1/8" Galvanized Steel, Closed Spelter Socket	792.52	49.57
05 15 16 00-0170	EA	1-1/4" Galvanized Steel, Closed Spelter Socket	997.71	66.10

05 15 16 00-0171 Forged Steel, Jaw And Jaw Turnbuckles *(05 15 16)*

05 15 16 00-0172	EA	1/4" x 4", Forged Steel, Jaw And Jaw Turnbuckle	98.43	3.54
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-12.99*	
05 15 16 00-0173	EA	5/16" x 4-1/2", Forged Steel, Jaw And Jaw Turnbuckle	105.63	3.54
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-14.07*	
05 15 16 00-0174	EA	3/8" x 6", Forged Steel, Jaw And Jaw Turnbuckle	118.98	3.54
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-16.08*	
05 15 16 00-0175	EA	1/2" x 6", Forged Steel, Jaw And Jaw Turnbuckle	131.34	4.72
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-16.73*	
05 15 16 00-0176	EA	1/2" x 9", Forged Steel, Jaw And Jaw Turnbuckle	172.97	5.90
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-22.26*	
05 15 16 00-0177	EA	1/2" x 12", Forged Steel, Jaw And Jaw Turnbuckle	196.47	7.08
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-25.20*	
05 15 16 00-0178	EA	5/8" x 6", Forged Steel, Jaw And Jaw Turnbuckle	199.38	9.44
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-24.46*	
05 15 16 00-0179	EA	5/8" x 9", Forged Steel, Jaw And Jaw Turnbuckle	247.15	9.44
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-31.17*	
05 15 16 00-0180	EA	5/8" x 12", Forged Steel, Jaw And Jaw Turnbuckle	280.84	10.62
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-35.80*	
05 15 16 00-0181	EA	3/4" x 6", Forged Steel, Jaw And Jaw Turnbuckle	268.73	12.98
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-32.78*	
05 15 16 00-0182	EA	3/4" x 9", Forged Steel, Jaw And Jaw Turnbuckle	305.51	15.34
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-36.51*	
05 15 16 00-0183	EA	3/4" x 12", Forged Steel, Jaw And Jaw Turnbuckle	378.11	16.52
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-46.60*	
05 15 16 00-0184	EA	3/4" x 18", Forged Steel, Jaw And Jaw Turnbuckle	454.86	20.07
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-56.02*	
05 15 16 00-0185	EA	7/8" x 12", Forged Steel, Jaw And Jaw Turnbuckle	515.96	28.32
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-60.53*	
05 15 16 00-0186	EA	7/8" x 18", Forged Steel, Jaw And Jaw Turnbuckle	626.29	33.05
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-74.27*	
05 15 16 00-0187	EA	1" x 6", Forged Steel, Jaw And Jaw Turnbuckle	536.39	28.32
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-63.60*	
05 15 16 00-0188	EA	1" x 12", Forged Steel, Jaw And Jaw Turnbuckle	612.06	36.59
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-69.68*	
05 15 16 00-0189	EA	1" x 18", Forged Steel, Jaw And Jaw Turnbuckle	841.09	46.03
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-98.93*	
05 15 16 00-0190	EA	1" x 24", Forged Steel, Jaw And Jaw Turnbuckle	939.53	54.29
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-108.74*	
05 15 16 00-0191	EA	1-1/4" x 12", Forged Steel, Jaw And Jaw Turnbuckle	1,044.82	66.10
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-117.38*	
05 15 16 00-0192	EA	1-1/4" x 18", Forged Steel, Jaw And Jaw Turnbuckle	1,263.42	74.36
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-145.25*	
05 15 16 00-0193	EA	1-1/4" x 24", Forged Steel, Jaw And Jaw Turnbuckle	1,640.56	84.98
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-195.50*	
05 15 16 00-0194	EA	1-1/2" x 12", Forged Steel, Jaw And Jaw Turnbuckle	1,619.37	90.88
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-188.43*	
05 15 16 00-0195	EA	1-1/2" x 18", Forged Steel, Jaw And Jaw Turnbuckle	1,775.45	118.03
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-195.50*	
05 15 16 00-0196	EA	1-1/2" x 24", Forged Steel, Jaw And Jaw Turnbuckle	3,220.37	153.43
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-394.53*	
05 15 16 00-0197	EA	2" x 24", Forged Steel, Jaw And Jaw Turnbuckle	5,263.01	295.07
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-612.41*	

05 15 16 00-0198 Galvanized Steel, Drop Forged, Shoulder Eye Bolts *(05 15 16)*

05 15 16 00-0199	EA	1/4" Diameter Thread, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	19.52	
05 15 16 00-0200	EA	5/16" Diameter Thread, 7/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	19.62	
05 15 16 00-0201	EA	3/8" Diameter Thread, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	22.33	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0202	EA	7/16" Diameter Thread, 1-3/32" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	26.76	
05 15 16 00-0203	EA	1/2" Diameter Thread, 1-3/16" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	26.63	
05 15 16 00-0204	EA	5/8" Diameter Thread, 1-3/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	36.89	
05 15 16 00-0205	EA	3/4" Diameter Thread, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	44.77	
05 15 16 00-0206	EA	7/8" Diameter Thread, 1-11/16" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	61.05	
05 15 16 00-0207	EA	1" Diameter Thread, 1-13/16" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	82.75	
05 15 16 00-0208	EA	1-1/8" Diameter Thread, 2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	121.30	
05 15 16 00-0209	EA	1-1/4" Diameter Thread, 2-3/16" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	144.57	
05 15 16 00-0210	EA	1-1/2" Diameter Thread, 2-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	265.03	
05 15 16 00-0211	EA	1-3/4" Diameter Thread, 2-7/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	304.18	
05 15 16 00-0212	EA	2" Diameter Thread, 3-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	376.80	

05 15 16 00-0213 Galvanized Steel, Drop Forged, Eye Bolts *(05 15 16)*

05 15 16 00-0214	EA	1/4" Diameter Thread, 3" Shank Length, 1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	26.17	
05 15 16 00-0215	EA	1/4" Diameter Thread, 4" Shank Length, 1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	23.39	
05 15 16 00-0216	EA	5/16" Diameter Thread, 2-1/4" Shank Length, 5/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	32.44	
05 15 16 00-0217	EA	5/16" Diameter Thread, 4-1/4" Shank Length, 5/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	21.13	
05 15 16 00-0218	EA	3/8" Diameter Thread, 2-1/2" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	29.23	
05 15 16 00-0219	EA	3/8" Diameter Thread, 3" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	44.99	
05 15 16 00-0220	EA	3/8" Diameter Thread, 4" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	43.51	
05 15 16 00-0221	EA	3/8" Diameter Thread, 4-1/2" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	41.25	
05 15 16 00-0222	EA	3/8" Diameter Thread, 5" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	36.78	
05 15 16 00-0223	EA	3/8" Diameter Thread, 6" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	38.00	
05 15 16 00-0224	EA	1/2" Diameter Thread, 2" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	33.25	
05 15 16 00-0225	EA	1/2" Diameter Thread, 3" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	26.06	
05 15 16 00-0226	EA	1/2" Diameter Thread, 3-1/4" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	34.57	
05 15 16 00-0227	EA	1/2" Diameter Thread, 4" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	47.92	
05 15 16 00-0228	EA	1/2" Diameter Thread, 4-1/2" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	35.87	
05 15 16 00-0229	EA	1/2" Diameter Thread, 6" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	58.96	
05 15 16 00-0230	EA	1/2" Diameter Thread, 8" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	51.60	
05 15 16 00-0231	EA	1/2" Diameter Thread, 10" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	46.83	
05 15 16 00-0232	EA	1/2" Diameter Thread, 12" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	55.48	
05 15 16 00-0233	EA	5/8" Diameter Thread, 4" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	56.25	
05 15 16 00-0234	EA	5/8" Diameter Thread, 4-1/2" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	49.82	
05 15 16 00-0235	EA	5/8" Diameter Thread, 6" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	63.25	
05 15 16 00-0236	EA	5/8" Diameter Thread, 8" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	72.81	
05 15 16 00-0237	EA	5/8" Diameter Thread, 10" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	84.30	
05 15 16 00-0238	EA	5/8" Diameter Thread, 12" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	69.20	
05 15 16 00-0239	EA	3/4" Diameter Thread, 4-1/2" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	69.32	
05 15 16 00-0240	EA	3/4" Diameter Thread, 6" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	70.70	
05 15 16 00-0241	EA	3/4" Diameter Thread, 8" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	78.36	
05 15 16 00-0242	EA	3/4" Diameter Thread, 10" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	84.66	
05 15 16 00-0243	EA	3/4" Diameter Thread, 12" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	99.36	
05 15 16 00-0244	EA	1" Diameter Thread, 8" Shank Length, 2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	132.19	

05 15 19 Stainless Steel Wire Rope Assemblies *(05 15)*

05 15 19 00-0001 7x7, 304 Stainless Steel, Aircraft Cable *(05 15 19)*

05 15 19 00-0002	LF	1/16" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable	0.28	0.08
		For >500, Deduct	*-0.03*	
05 15 19 00-0003	LF	3/32" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable	0.36	0.09
		For >500, Deduct	*-0.04*	
05 15 19 00-0004	LF	1/8" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable	0.47	0.11
		For >500, Deduct	*-0.06*	
05 15 19 00-0005	LF	5/32" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable	0.59	0.12
		For >500, Deduct	*-0.08*	
05 15 19 00-0006	LF	3/16" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable	0.73	0.12
		For >500, Deduct	*-0.10*	

05 15 19 00-0007 7x19, 304 Stainless Steel, Aircraft Cable *(05 15 19)*

05 15 19 00-0008	LF	1/8" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	0.52	0.11
		For >500, Deduct	*-0.07*	
05 15 19 00-0009	LF	5/32" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	0.60	0.12
		For >500, Deduct	*-0.08*	
05 15 19 00-0010	LF	3/16" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	0.70	0.12
		For >500, Deduct	*-0.10*	
05 15 19 00-0011	LF	1/4" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	0.87	0.12
		For >500, Deduct	*-0.13*	
05 15 19 00-0012	LF	5/16" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	1.32	0.12
		For >500, Deduct	*-0.20*	
05 15 19 00-0013	LF	3/8" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	1.98	0.23
		For >500, Deduct	*-0.30*	

05 15 19 00-0014 7x7, 316 Stainless Steel, Aircraft Cable *(05 15 19)*

05 15 19 00-0015	LF	1/16" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable	0.28	0.08
		For >500, Deduct	*-0.03*	
05 15 19 00-0016	LF	3/32" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable	0.36	0.09
		For >500, Deduct	*-0.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 19 00-0017	LF	1/8" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable	0.47	0.11
		For >500, Deduct	*-0.06*	
05 15 19 00-0018	LF	5/32" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable	0.59	0.12
		For >500, Deduct	*-0.08*	
05 15 19 00-0019	LF	3/16" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable	0.73	0.12
		For >500, Deduct	*-0.10*	

05 15 19 00-0020 7x19, 316 Stainless Steel, Aircraft Cable *(05 15 19)*

05 15 19 00-0021	LF	1/8" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable	0.52	0.11
		For >500, Deduct	*-0.07*	
05 15 19 00-0022	LF	5/32" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable	0.60	0.12
		For >500, Deduct	*-0.08*	
05 15 19 00-0023	LF	3/16" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable	0.70	0.12
		For >500, Deduct	*-0.10*	
05 15 19 00-0024	LF	1/4" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable	0.87	0.12
		For >500, Deduct	*-0.13*	
05 15 19 00-0025	LF	5/16" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable	1.32	0.12
		For >500, Deduct	*-0.20*	
05 15 19 00-0026	LF	3/8" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable	1.98	0.12
		For >500, Deduct	*-0.30*	

05 40 Cold-Formed Metal Framing *(05)*

Note: Includes all connecting bolts and welds.

05 41 Structural Metal Stud Framing *(05 40)*

Note: Includes studs, bridging, fasteners, and metal stiffener at half height. Do not deduct for openings of less than 25 SF.

05 41 00 00-0001 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners *(05 41)*

05 41 00 00-0002	SF	2-1/2" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	6.21	0.95
		For Walls >10' High, Add	*1.24*	
		For Curved Wall, Add	*0.66*	
		For Up To 200, Add	*1.68*	
		For >200 To 500, Add	*0.84*	
		For 12" On Center, Add	*1.13*	
		For 24" On Center, Deduct	*-1.13*	
05 41 00 00-0003	SF	3-5/8" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	7.03	0.95
		For Walls >10' High, Add	*1.41*	
		For Curved Wall, Add	*0.70*	
		For Up To 200, Add	*1.87*	
		For >200 To 500, Add	*0.94*	
		For 12" On Center, Add	*1.29*	
		For 24" On Center, Deduct	*-1.29*	
05 41 00 00-0004	SF	4" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	7.33	0.95
		For Walls >10' High, Add	*1.47*	
		For Curved Wall, Add	*0.73*	
		For Up To 200, Add	*1.95*	
		For >200 To 500, Add	*0.98*	
		For 12" On Center, Add	*1.35*	
		For 24" On Center, Deduct	*-1.35*	
05 41 00 00-0005	SF	6" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	9.62	1.06
		For Walls >10' High, Add	*1.92*	
		For Curved Wall, Add	*0.76*	
		For Up To 200, Add	*2.43*	
		For >200 To 500, Add	*1.22*	
		For 12" On Center, Add	*1.80*	
		For 24" On Center, Deduct	*-1.80*	
05 41 00 00-0006	SF	8" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	10.84	1.16
		For Walls >10' High, Add	*2.17*	
		For Curved Wall, Add	*0.79*	
		For Up To 200, Add	*2.69*	
		For >200 To 500, Add	*1.35*	
		For 12" On Center, Add	*2.04*	
		For 24" On Center, Deduct	*-2.04*	

05 41 00 00-0007 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners *(05 41)*

05 41 00 00-0008	SF	2-1/2" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	6.71	0.95
		For Walls >10' High, Add	*1.34*	
		For Curved Wall, Add	*0.70*	
		For Up To 200, Add	*1.81*	
		For >200 To 500, Add	*0.90*	
		For 12" On Center, Add	*1.23*	
		For 24" On Center, Deduct	*-1.23*	
05 41 00 00-0009	SF	3-5/8" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	7.90	0.97
		For Walls >10' High, Add	*1.58*	
		For Curved Wall, Add	*0.74*	
		For Up To 200, Add	*2.07*	
		For >200 To 500, Add	*1.04*	
		For 12" On Center, Add	*1.46*	
		For 24" On Center, Deduct	*-1.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 41 00 00-0010	SF	4" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	8.35	0.97
		For Walls >10' High, Add	*1.67*	
		For Curved Wall, Add	*0.76*	
		For Up To 200, Add	*2.18*	
		For >200 To 500, Add	*1.09*	
		For 12" On Center, Add	*1.54*	
		For 24" On Center, Deduct	*-1.54*	
05 41 00 00-0011	SF	6" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	10.86	1.16
		For Walls >10' High, Add	*2.17*	
		For Curved Wall, Add	*0.80*	
		For Up To 200, Add	*2.71*	
		For >200 To 500, Add	*1.35*	
		For 12" On Center, Add	*2.04*	
		For 24" On Center, Deduct	*-2.04*	
05 41 00 00-0012	SF	8" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	12.04	1.27
		For Walls >10' High, Add	*2.41*	
		For Curved Wall, Add	*0.84*	
		For Up To 200, Add	*2.97*	
		For >200 To 500, Add	*1.48*	
		For 12" On Center, Add	*2.27*	
		For 24" On Center, Deduct	*-2.27*	

05 41 00 00-0013 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners *(05 41)*

05 41 00 00-0014	SF	3-5/8" Width, 16" On Center, 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	9.38	1.32
		For Walls >10' High, Add	*1.88*	
		For Curved Wall, Add	*0.88*	
		For Up To 200, Add	*2.46*	
		For >200 To 500, Add	*1.23*	
		For 12" On Center, Add	*1.73*	
		For 24" On Center, Deduct	*-1.73*	
05 41 00 00-0015	SF	4" Width, 16" On Center, 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	9.65	1.34
		For Walls >10' High, Add	*1.93*	
		For Curved Wall, Add	*0.90*	
		For Up To 200, Add	*2.53*	
		For >200 To 500, Add	*1.26*	
		For 12" On Center, Add	*1.78*	
		For 24" On Center, Deduct	*-1.78*	
05 41 00 00-0016	SF	6" Width, 16" On Center, 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	12.44	1.42
		For Walls >10' High, Add	*2.49*	
		For Curved Wall, Add	*0.94*	
		For Up To 200, Add	*3.12*	
		For >200 To 500, Add	*1.56*	
		For 12" On Center, Add	*2.33*	
		For 24" On Center, Deduct	*-2.33*	
05 41 00 00-0017	SF	8" Width, 16" On Center, 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	13.75	1.48
		For Walls >10' High, Add	*2.75*	
		For Curved Wall, Add	*0.99*	
		For Up To 200, Add	*3.41*	
		For >200 To 500, Add	*1.70*	
		For 12" On Center, Add	*2.59*	
		For 24" On Center, Deduct	*-2.59*	

05 43 Slotted Channel Framing *(05 40)*

05 43 00 00-0001 Metal Framing Channel *(05 43)*

Note: Excludes fasteners and accessories.

05 43 00 00-0002 Steel Unistrut Channel *(05 43 00 00-0001)*

05 43 00 00-0003	LF	1-5/8" Wide x 1-5/8" High, 12 Gauge, Steel Unistrut Channel	13.71	2.66
		For Powder Coating, Add	*1.26*	
		For Galvanizing, Add	*1.42*	
05 43 00 00-0004	LF	1-5/8" Wide x 1-3/8" High, 12 Gauge, Steel Unistrut Channel	14.12	2.66
		For Powder Coating, Add	*1.32*	
		For Galvanizing, Add	*1.49*	
05 43 00 00-0005	LF	1-5/8" Wide x 13/16" High, 12 Gauge, Steel Unistrut Channel	14.74	2.66
		For Powder Coating, Add	*1.41*	
		For Galvanizing, Add	*1.60*	
05 43 00 00-0006	LF	1-5/8" Wide x 1-5/8" High, 14 Gauge, Steel Unistrut Channel	12.90	2.66
		For Powder Coating, Add	*1.14*	
		For Galvanizing, Add	*1.29*	
05 43 00 00-0007	LF	1-5/8" Wide x 13/16" High, 14 Gauge, Steel Unistrut Channel	11.12	2.66
		For Powder Coating, Add	*0.87*	
		For Galvanizing, Add	*0.98*	

05 43 00 00-0008 Stainless Steel Unistrut Channel *(05 43 00 00-0001)*

05 43 00 00-0009 304 Stainless Steel Unistrut Channel *(05 43 00 00-0008)*

05 43 00 00-0010	LF	1-5/8" Wide x 13/16" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	24.40	2.66
05 43 00 00-0011	LF	1-5/8" Wide x 13/16" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	29.06	2.66
05 43 00 00-0012	LF	1-5/8" Wide x 1-5/8" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	27.90	2.66
05 43 00 00-0013	LF	1-5/8" Wide x 1-5/8" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	35.10	2.66

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 43 00 00-0014		316 Stainless Steel Unistrut Channel *(05 43 00 00-0008)*		
05 43 00 00-0015	LF	1-5/8" Wide x 13/16" High, 14 Gauge, 316 Stainless Steel Unistrut Channel	39.51	2.66
05 43 00 00-0016		Aluminum Unistrut Channel *(05 43 00 00-0001)*		
05 43 00 00-0017	LF	1-5/8" Wide x 1-5/8" High, 12 Gauge, Aluminum Unistrut Channel	13.18	2.66
05 43 00 00-0018	LF	1-5/8" Wide x 13/16" High, 14 Gauge, Aluminum Unistrut Channel	10.08	2.66
05 43 00 00-0019		Metal Framing Channel Fittings *(05 43)*		
05 43 00 00-0020		Unistrut Closure Strips *(05 43 00 00-0019)*		
05 43 00 00-0021	LF	Steel Raceway Closure Strip For Unistrut Channel	7.62	0.58
05 43 00 00-0022		Lock Nuts With Spring For Unistrut Channel *(05 43 00 00-0019)*		
		Note: Includes hex bolt.		
05 43 00 00-0023		Steel Lock Nuts With Spring For Unistrut Channel *(05 43 00 00-0022)*		
		Note: Includes hex bolt.		
05 43 00 00-0024	EA	1/4-20, Steel Lock Nut With Spring For Unistrut Channel	8.39	
05 43 00 00-0025	EA	3/8-16, Steel Lock Nut With Spring For Unistrut Channel	9.27	
05 43 00 00-0026	EA	1/2-13, Steel Lock Nut With Spring For Unistrut Channel	9.94	
05 43 00 00-0027	EA	5/8-11, Steel Lock Nut With Spring For Unistrut Channel	13.51	
05 43 00 00-0028		Stainless Steel Lock Nuts With Spring For Unistrut Channel *(05 43 00 00-0022)*		
		Note: Includes hex bolt.		
05 43 00 00-0029	EA	1/4-20, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	14.71	
05 43 00 00-0030	EA	3/8-16, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	15.63	
05 43 00 00-0031	EA	1/2-13, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	21.61	
05 43 00 00-0032	EA	5/8-11, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	35.56	
05 43 00 00-0033		Lock Nuts Without Spring For Unistrut Channel *(05 43 00 00-0019)*		
		Note: Includes hex bolt.		
05 43 00 00-0034		Steel Lock Nuts Without Spring For Unistrut Channel *(05 43 00 00-0033)*		
		Note: Includes hex bolt.		
05 43 00 00-0035	EA	1/4-20, Steel Lock Nut Without Spring For Unistrut Channel	8.42	
05 43 00 00-0036	EA	3/8-16, Steel Lock Nut Without Spring For Unistrut Channel	9.40	
05 43 00 00-0037	EA	1/2-13, Steel Lock Nut Without Spring For Unistrut Channel	9.99	
05 43 00 00-0038	EA	5/8-11, Steel Lock Nut Without Spring For Unistrut Channel	14.54	
05 43 00 00-0039		Stainless Steel Lock Nuts Without Spring For Unistrut Channel *(05 43 00 00-0033)*		
		Note: Includes hex bolt.		
05 43 00 00-0040	EA	1/4-20, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	10.95	
05 43 00 00-0041	EA	3/8-16, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	12.97	
05 43 00 00-0042	EA	1/2-13, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	14.12	
05 43 00 00-0043	EA	5/8-11, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	34.68	
05 43 00 00-0044		Beam Clamp For Unistrut Channel *(05 43 00 00-0019)*		
05 43 00 00-0045	EA	1-5/8" Channel, P2675 Unistrut Beam Clamp	24.64	8.85
05 43 00 00-0046	EA	1-5/8" Channel, P2676 Unistrut Beam Clamp	31.09	8.85
05 43 00 00-0047	EA	Add For Unistrut Swivel Nut, P2676	3.51	
05 43 00 00-0048		Beam Clamp Clevis Hangers For Unistrut Channel *(05 43 00 00-0019)*		
05 43 00 00-0049	EA	Up To 3/8" Rod, Beam Clamp Clevis Hanger (Unistrut P2674)	26.88	8.85
05 43 00 00-0050	EA	Up To 1/2" Rod, Beam Clamp Clevis Hanger (Unistrut P2677)	32.01	8.85
05 43 00 00-0051	EA	Add For Unistrut Swivel Nut	3.51	
05 43 00 00-0052	EA	6-Hole Electrogalvanized Steel Shelf Bracket For Unistrut	186.23	11.80
05 43 00 00-0053		Bases For Unistrut Channel *(05 43 00 00-0019)*		
05 43 00 00-0054		Accessories For Unistrut Channel *(05 43 00 00-0053)*		
05 43 00 00-0055	EA	Trolley Truck Hanger, 1-5/8" Channel P1834	61.47	8.85
05 43 00 00-0056	EA	Flat Plate Fitting, One Hole, 1-5/8" Channel P1064	15.45	5.90
05 43 00 00-0057	EA	60 Degree Angle, 1-5/8" Channel P2097	16.18	5.90
05 43 00 00-0058		Steel Bases For Unistrut Channel *(05 43 00 00-0053)*		
		Note: Includes straight or angled post mounting and fasteners.		
05 43 00 00-0059	EA	6" x 6", 1-5/8" Height, Single Post, Steel Base For Unistrut Channel	118.58	29.51
05 43 00 00-0060	EA	6" x 6", 3-1/2" Height, Single Post, Steel Base For Unistrut Channel	119.71	29.51
05 43 00 00-0061	EA	6" x 6", 1-5/8" Height, Double Post, Steel Base For Unistrut Channel	171.55	29.51
05 43 00 00-0062	EA	6" x 6", 3-1/2" Height, Double Post, Steel Base For Unistrut Channel	140.44	29.51

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 43 00 00-0063		**Stainless Steel Bases For Unistrut Channel** *(05 43 00 00-0053)* Note: Includes straight or angled post mounting and fasteners.		
05 43 00 00-0064	EA	6" x 6", 1-5/8" Height, Single Post, 304 Stainless Steel Base For Unistrut Channel	226.49	29.51
05 43 00 00-0065	EA	6" x 6", 3-1/2" Height, Single Post, 304 Stainless Steel Base For Unistrut Channel	418.31	29.51
05 43 00 00-0066	EA	6" x 6", 3-1/2" Height, Double Post, 304 Stainless Steel Base For Unistrut Channel	311.58	29.51
05 43 00 00-0067	EA	6" x 6", 1-5/8" Height, Single Post, 316 Stainless Steel Base For Unistrut Channel	467.60	29.51
05 43 00 00-0068	EA	6" x 6", 3-1/2" Height, Double Post, 316 Stainless Steel Base For Unistrut Channel	399.41	29.51

05 45 Metal Support Assemblies *(05 40)*

05 45 13 Mechanical Metal Supports *(05 45)*

See CSI section 23 05 29 00-0000 for metal supports.

05 45 16 Electrical Metal Supports *(05 45)*

See CSI section 26 05 29 00-0000 for metal supports.

05 50 Metal Fabrications *(05)*

05 51 Metal Stairs *(05 50)*

05 51 13 Metal Pan Stairs *(05 51)*

Note: Open concrete filled metal pan stair and landing including steel stringer, safety nosing and concrete. Excludes handrail.
See CSI section 05 52 13 00-0000 for handrails.

05 51 13 00-0001		**Open Concrete Filled Metal Pan Stair And Landing** *(05 51 13)* Note: Includes steel stringer, safety nosing and concrete. Excludes handrail.		
05 51 13 00-0002	RSR	3'-6" Wide Open Concrete Filled Metal Pan Tread Stair	1,020.65	34.34
		For Closed Riser, Add	*117.77*	
05 51 13 00-0003	RSR	4'-0" Wide Open Concrete Filled Metal Pan Tread Stair	1,159.88	40.06
		For Closed Riser, Add	*133.69*	
05 51 13 00-0004	RSR	5'-0" Wide Open Concrete Filled Metal Pan Tread Stair	1,292.18	46.93
		For Closed Riser, Add	*148.62*	
05 51 13 00-0005	SF	Concrete Filled Steel Pan Landing Note: Conventional shape.	79.12	5.72

05 51 19 Metal Grating Stairs *(05 51)*

Note: Open steel grating tread metal stair and landing including steel stringers, safety nosing and 2 pipe handrail.

05 51 19 00-0001		**Open Steel Grating Tread Metal Stair And Landing** *(05 51 19)* Note: Includes steel stringers, safety nosing and 2 pipe handrail.		
05 51 19 00-0002	RSR	3'-6" Wide Open Steel Grating Tread Metal Stair	496.75	45.78
		For Closed Riser, Add	*59.54*	
		For Galvanized Steel, Add	*101.30*	
05 51 19 00-0003	RSR	4'-0" Wide Open Steel Grating Tread Metal Stair	529.79	52.65
		For Closed Riser, Add	*63.08*	
		For Galvanized Steel, Add	*106.12*	
05 51 19 00-0004	RSR	5'-0" Wide Open Steel Grating Tread Metal Stair	586.69	61.81
		For Closed Riser, Add	*69.47*	
		For Galvanized Steel, Add	*115.77*	
05 51 19 00-0005	SF	Steel Grating Landing With Framing And 2 Pipe Handrail Note: Conventional shape.	92.36	5.72
		For Galvanized Steel, Add	*17.37*	

05 51 33 Metal Ladders *(05 51)*

Note: Includes factory prime.

05 51 33 13 Vertical Metal Ladders *(05 51 33)*

05 51 33 13-0001		**Vertical Ladders** *(05 51 33 13)* Note: Climbing rungs are 3/4" corrugated steel round rungs on 12" centers. Stand-off brackets are 7"		
05 51 33 13-0002	VLF	20" Wide Fixed Vertical Steel Ladder Primed	103.20	13.74
		For Galvanized Steel, Add	*15.03*	
		For Aluminum, Add	*30.06*	
05 51 33 13-0003	VLF	24" Wide Fixed Vertical Steel Ladder Primed	118.43	13.74
		For Galvanized Steel, Add	*18.84*	
		For Aluminum, Add	*37.67*	
05 51 33 13-0004	VLF	20" Wide Fixed Vertical Steel Caged Ladder Primed	247.57	22.90
		For Galvanized Steel, Add	*43.65*	
		For Aluminum, Add	*87.30*	
05 51 33 13-0005	VLF	24" Wide Fixed Vertical Steel Caged Ladder Primed	278.03	22.90
		For Galvanized Steel, Add	*51.27*	
		For Aluminum, Add	*102.54*	
05 51 33 13-0006		**Vertical Ladders Options** *(05 51 33 13)*		
05 51 33 13-0007	EA	20" Wide Vertical Steel Ladder Walk-Thru Handrails, Primed Note: Extends 42" above landing surface. Includes mounting bracket.	418.73	42.93
		For Galvanized Steel, Add	*83.22*	
		For Aluminum, Add	*166.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 51 33 13-0008	EA	24" Wide Vertical Steel Ladder Walk-Thru Handrails, Primed Note: Extends 42" above landing surface. Includes mounting bracket.	458.73	45.78
		For Galvanized Steel, Add	*91.79*	
		For Aluminum, Add	*183.58*	
05 51 33 13-0009	EA	Security Cage Entry Gate With Lockable Hasp	504.56	14.31
05 51 33 13-0010	EA	6' Powder Coated, Security Ladder Guard	1,353.95	85.84
05 51 33 13-0011	EA	8' Powder Coated, Security Ladder Guard	1,619.99	100.16
05 51 33 13-0012	EA	Safety Chain Attachment	248.09	
05 51 33 13-0013		Welded Steel Ladder Cages *(05 51 33 13)* Note: For existing fixed ladders up to 20" wide. Excludes the ladder.		
05 51 33 13-0014		Powder Coated, Welded Steel Ladder Cages *(05 51 33 13-0013)*		
05 51 33 13-0015	EA	7-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,298.85	171.70
05 51 33 13-0016	EA	8-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,497.96	177.42
05 51 33 13-0017	EA	9-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,656.27	183.15
05 51 33 13-0018	EA	10-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,825.46	188.87
05 51 33 13-0019	EA	11-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,923.94	194.59
05 51 33 13-0020	EA	12-1/2' Length, Powder Coated, Welded Steel Ladder Cage	3,084.97	200.31
05 51 33 13-0021	EA	13-1/2' Length, Powder Coated, Welded Steel Ladder Cage	3,226.96	206.03
05 51 33 13-0022	EA	14-1/2' Length, Powder Coated, Welded Steel Ladder Cage	3,412.46	211.76
05 51 33 13-0023	EA	15-1/2' Length, Powder Coated, Welded Steel Ladder Cage	3,592.53	217.48
05 51 33 13-0024	EA	16-1/2' Length, Powder Coated, Welded Steel Ladder Cage	3,739.97	223.20
05 51 33 13-0025	EA	17-1/2' Length, Powder Coated, Welded Steel Ladder Cage	3,920.04	228.93
05 51 33 13-0026	EA	18-1/2' Length, Powder Coated, Welded Steel Ladder Cage	4,094.67	234.65
05 51 33 13-0027	EA	19-1/2' Length, Powder Coated, Welded Steel Ladder Cage	4,266.56	240.38
05 51 33 13-0028	EA	20-1/2' Length, Powder Coated, Welded Steel Ladder Cage	4,579.90	246.10
05 51 33 13-0029	EA	21-1/2' Length, Powder Coated, Welded Steel Ladder Cage	4,672.94	251.83
05 51 33 13-0030	EA	22-1/2' Length, Powder Coated, Welded Steel Ladder Cage	4,833.97	257.54
05 51 33 13-0031	EA	23-1/2' Length, Powder Coated, Welded Steel Ladder Cage	4,981.41	263.26
05 51 33 13-0032	EA	24-1/2' Length, Powder Coated, Welded Steel Ladder Cage	5,117.95	268.99
05 51 33 13-0033	EA	25-1/2' Length, Powder Coated, Welded Steel Ladder Cage	5,423.13	274.71
05 51 33 13-0034	EA	26-1/2' Length, Powder Coated, Welded Steel Ladder Cage	5,586.88	280.44
05 51 33 13-0035	EA	27-1/2' Length, Powder Coated, Welded Steel Ladder Cage	5,739.75	286.16
05 51 33 13-0036		Welded Stainless Steel Ladder Cages *(05 51 33 13-0013)*		
05 51 33 13-0037	EA	7-1/2' Length, Welded Stainless Steel Ladder Cage	5,761.03	171.70
05 51 33 13-0038	EA	8-1/2' Length, Welded Stainless Steel Ladder Cage	6,155.96	177.42
05 51 33 13-0039	EA	9-1/2' Length, Welded Stainless Steel Ladder Cage	6,814.69	183.15
05 51 33 13-0040	EA	10-1/2' Length, Welded Stainless Steel Ladder Cage	7,138.90	188.87
05 51 33 13-0041	EA	11-1/2' Length, Welded Stainless Steel Ladder Cage	7,411.45	194.59
05 51 33 13-0042	EA	12-1/2' Length, Welded Stainless Steel Ladder Cage	7,773.74	200.31
05 51 33 13-0043	EA	13-1/2' Length, Welded Stainless Steel Ladder Cage	8,427.03	206.03
05 51 33 13-0044	EA	14-1/2' Length, Welded Stainless Steel Ladder Cage	8,756.67	211.76
05 51 33 13-0045	EA	15-1/2' Length, Welded Stainless Steel Ladder Cage	9,097.20	217.48
05 51 33 13-0046	EA	16-1/2' Length, Welded Stainless Steel Ladder Cage	9,470.37	223.20
05 51 33 13-0047	EA	17-1/2' Length, Welded Stainless Steel Ladder Cage	10,137.27	228.93
05 51 33 13-0048	EA	18-1/2' Length, Welded Stainless Steel Ladder Cage	10,469.65	234.65
05 51 33 13-0049	EA	19-1/2' Length, Welded Stainless Steel Ladder Cage	10,785.68	240.38
05 51 33 13-0050	EA	20-1/2' Length, Welded Stainless Steel Ladder Cage	11,311.16	246.10
05 51 33 13-0051	EA	21-1/2' Length, Welded Stainless Steel Ladder Cage	11,901.90	251.83
05 51 33 13-0052	EA	22-1/2' Length, Welded Stainless Steel Ladder Cage	12,228.84	257.54
05 51 33 13-0053	EA	23-1/2' Length, Welded Stainless Steel Ladder Cage	12,563.93	263.26
05 51 33 13-0054	EA	24-1/2' Length, Welded Stainless Steel Ladder Cage	12,877.26	268.99
05 51 33 13-0055	EA	25-1/2' Length, Welded Stainless Steel Ladder Cage	13,685.58	274.71
05 51 33 13-0056	EA	26-1/2' Length, Welded Stainless Steel Ladder Cage	13,998.91	280.44
05 51 33 13-0057	EA	27-1/2' Length, Welded Stainless Steel Ladder Cage	14,320.40	286.16
05 51 33 16		**Inclined Metal Ladders** *(05 51 33)*		
05 51 33 16-0001		Industrial Ship Ladder, Incline Stairs *(05 51 33 16)* Note: Includes factory prime.		
05 51 33 16-0002	RSR	3' Wide Industrial Steel Ship Ladder With 2 Rails Each Side	356.97	57.23
		For Aluminum, Add	*121.26*	
05 51 33 23		**Alternating Tread Ladders** *(05 51 33)*		
05 51 33 23-0001		Vertical Ladders With Alternating Tread *(05 51 33 23)*		
05 51 33 23-0002	EA	4' Vertical Height Aluminum Alternating Tread Ladder	2,901.12	171.70
		For Stainless Steel, Add	*279.46*	
		For Primed Steel, Deduct	*-232.88*	
05 51 33 23-0003	EA	5' Vertical Height Aluminum Alternating Tread Ladder	3,334.57	182.00
		For Stainless Steel, Add	*340.51*	
		For Primed Steel, Deduct	*-265.60*	
05 51 33 23-0004	EA	6' Vertical Height Aluminum Alternating Tread Ladder	3,720.07	182.00
		For Stainless Steel, Add	*404.25*	
		For Primed Steel, Deduct	*-295.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 51 33 23-0005	EA	7' Vertical Height Aluminum Alternating Tread Ladder	4,229.24	228.70
		For Stainless Steel, Add	*467.93*	
		For Primed Steel, Deduct	*-320.62*	
05 51 33 23-0006	EA	8' Vertical Height Aluminum Alternating Tread Ladder	4,657.18	236.80
		For Stainless Steel, Add	*541.49*	
		For Primed Steel, Deduct	*-348.10*	
05 51 33 23-0007	EA	9' Vertical Height Aluminum Alternating Tread Ladder	4,997.81	236.80
		For Stainless Steel, Add	*610.22*	
		For Primed Steel, Deduct	*-368.24*	
05 51 33 23-0008	EA	10' Vertical Height Aluminum Alternating Tread Ladder	5,484.75	264.15
		For Stainless Steel, Add	*690.64*	
		For Primed Steel, Deduct	*-391.36*	
05 51 33 23-0009	EA	11' Vertical Height Aluminum Alternating Tread Ladder	5,866.39	264.15
		For Stainless Steel, Add	*772.81*	
		For Primed Steel, Deduct	*-411.34*	
05 51 33 23-0010	EA	12' Vertical Height Aluminum Alternating Tread Ladder	6,163.32	264.15
		For Stainless Steel, Add	*845.25*	
		For Primed Steel, Deduct	*-422.63*	

05 52 Metal Railings *(05 50)*

05 52 13 Pipe and Tube Railings *(05 52)*

Note: Includes embedded steel sleeves, grouting, connection bolts (where necessary) and drilling of bolt (where necessary).

05 52 13 00-0001 Welded Steel Pipe Railing *(05 52 13)*

Note: Includes field welds and touch-up of welds.

05 52 13 00-0002 One Rail, Up To 42" High, Welded Steel Pipe Railings *(05 52 13 00-0001)*

Note: Includes factory primed posts and one rail.

05 52 13 00-0003	LF	1" Diameter, Schedule 40, One Rail, Up To 42" High, Welded Steel Pipe Railing	39.50	11.45
		For 11 Gauge A513 Steel Tubing, Deduct	*-3.65*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-4.15*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-5.48*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-6.47*	
		For Aluminum, Satin Finish, Add	*6.97*	
		For Aluminum, Clear Anodized Finish, Add	*10.79*	
		For Aluminum, Dark Anodized Finish, Add	*12.45*	
		For Galvanizing, Add	*6.64*	
		For Wrought Iron, Add	*3.95*	
		For Solid Steel Rails, Add	*7.90*	
		For 304 Stainless Steel, Add	*53.12*	
		For 316 Stainless Steel, Add	*59.76*	
		For 2" Wheel Guard, Add	*1.58*	
		For 4" High Kick Plate, Add	*2.08*	
		For 6" High Kick Plate, Add	*3.32*	
		For Curved Rail, Add	*16.83*	
		For Mounting On Stairs, Add	*11.85*	
		For Mounting On Slopes, Add	*3.95*	
		For Post Base Flange With Screws, Add Per Post	*19.79*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.94*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*14.03*	
		For Nylon Coating, Add	*2.49*	
		For Schedule 80 Handrail, Add	*5.48*	
		For ADA Handrail P-Loop End Return, Add Per Each	*81.42*	
		For Additional Off Set Handrail, ADA Attachment, Add	*14.54*	
05 52 13 00-0004	LF	1-1/4" Diameter, Schedule 40, One Rail, Up To 42" High, Welded Steel Pipe Railing	42.36	11.45
		For Schedule 80 Handrail, Add	*8.79*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-4.28*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-4.87*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-6.42*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-7.59*	
		For Aluminum, Satin Finish, Add	*8.17*	
		For Aluminum, Clear Anodized Finish, Add	*12.65*	
		For Aluminum, Dark Anodized Finish, Add	*14.60*	
		For Galvanizing, Add	*7.78*	
		For Wrought Iron, Add	*4.24*	
		For Solid Steel Rails, Add	*8.47*	
		For 304 Stainless Steel, Add	*62.27*	
		For 316 Stainless Steel, Add	*70.06*	
		For 2" Wheel Guard, Add	*1.85*	
		For 4" High Kick Plate, Add	*2.43*	
		For 6" High Kick Plate, Add	*3.89*	
		For Curved Rail, Add	*18.55*	
		For Mounting On Stairs, Add	*12.71*	
		For Mounting On Slopes, Add	*4.24*	
		For Post Base Flange With Screws, Add Per Post	*19.79*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.94*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*15.46*	
		For Nylon Coating, Add	*2.92*	
		For ADA Handrail P-Loop End Return, Add Per Each	*96.97*	
		For Additional Off Set Handrail, ADA Attachment, Add	*16.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0005	LF	1-1/2" Diameter, Schedule 40, One Rail, Up To 42" High, Welded Steel Pipe Railing	45.22	11.45
		For Schedule 80 Handrail, Add	*8.79*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-4.91*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-5.58*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-7.37*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-8.70*	
		For Aluminum, Satin Finish, Add	*9.37*	
		For Aluminum, Clear Anodized Finish, Add	*14.51*	
		For Aluminum, Dark Anodized Finish, Add	*16.74*	
		For Galvanizing, Add	*8.93*	
		For Wrought Iron, Add	*4.52*	
		For Solid Steel Rails, Add	*9.04*	
		For 304 Stainless Steel, Add	*71.42*	
		For 316 Stainless Steel, Add	*80.35*	
		For 2" Wheel Guard, Add	*2.12*	
		For 4" High Kick Plate, Add	*2.79*	
		For 6" High Kick Plate, Add	*4.46*	
		For Curved Rail, Add	*20.26*	
		For Mounting On Stairs, Add	*13.57*	
		For Mounting On Slopes, Add	*4.52*	
		For Post Base Flange With Screws, Add Per Post	*19.79*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.94*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*16.89*	
		For Nylon Coating, Add	*3.35*	
		For ADA Handrail P-Loop End Return, Add Per Each	*109.34*	
		For Additional Off Set Handrail, ADA Attachment, Add	*17.97*	
05 52 13 00-0006	LF	2" Diameter, Schedule 40, One Rail, Up To 42" High, Welded Steel Pipe Railing	50.18	11.45
		For 11 Gauge A513 Steel Tubing, Deduct	*-6.00*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-6.82*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-9.00*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-10.64*	
		For Aluminum, Satin Finish, Add	*11.46*	
		For Aluminum, Clear Anodized Finish, Add	*17.73*	
		For Aluminum, Dark Anodized Finish, Add	*20.46*	
		For Galvanizing, Add	*10.91*	
		For Wrought Iron, Add	*5.02*	
		For Solid Steel Rails, Add	*10.04*	
		For 304 Stainless Steel, Add	*87.30*	
		For 316 Stainless Steel, Add	*98.21*	
		For 2" Wheel Guard, Add	*2.59*	
		For 4" High Kick Plate, Add	*3.41*	
		For 6" High Kick Plate, Add	*5.46*	
		For Curved Rail, Add	*23.24*	
		For Mounting On Stairs, Add	*15.05*	
		For Mounting On Slopes, Add	*5.02*	
		For Post Base Flange With Screws, Add Per Post	*19.79*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.94*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*19.37*	
		For Nylon Coating, Add	*4.09*	
		For Schedule 80 Handrail, Add	*10.12*	
		For ADA Handrail P-Loop End Return, Add Per Each	*132.11*	
		For Additional Off Set Handrail, ADA Attachment, Add	*20.95*	
05 52 13 00-0007	LF	2-1/2" Diameter, Schedule 40, One Rail, Up To 42" High, Welded Steel Pipe Railing	56.12	11.45
		For 11 Gauge A513 Steel Tubing, Deduct	*-7.31*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-8.31*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-10.96*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-12.96*	
		For Aluminum, Satin Finish, Add	*13.95*	
		For Aluminum, Clear Anodized Finish, Add	*21.59*	
		For Aluminum, Dark Anodized Finish, Add	*24.92*	
		For Galvanizing, Add	*13.29*	
		For Wrought Iron, Add	*5.61*	
		For Solid Steel Rails, Add	*11.22*	
		For 304 Stainless Steel, Add	*106.30*	
		For 316 Stainless Steel, Add	*119.59*	
		For 2" Wheel Guard, Add	*3.16*	
		For 4" High Kick Plate, Add	*4.15*	
		For 6" High Kick Plate, Add	*6.64*	
		For Curved Rail, Add	*26.80*	
		For Mounting On Stairs, Add	*16.84*	
		For Mounting On Slopes, Add	*5.61*	
		For Post Base Flange With Screws, Add Per Post	*19.79*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.94*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*22.34*	
		For Nylon Coating, Add	*4.98*	
		For Schedule 80 Handrail, Add	*11.47*	
		For ADA Handrail P-Loop End Return, Add Per Each	*180.71*	
		For Additional Off Set Handrail, ADA Attachment, Add	*24.51*	

05 52 13 00-0008 Two Rail, Up To 42" High, Welded Steel Pipe Railings *(05 52 13 00-0001)*

Note: Includes factory primed posts and two rails.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0009	LF	1" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing	51.94	11.45
		For 11 Gauge A513 Steel Tubing, Deduct	*-6.39*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-7.26*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-9.58*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-11.33*	
		For Aluminum, Satin Finish, Add	*12.20*	
		For Aluminum, Clear Anodized Finish, Add	*18.88*	
		For Aluminum, Dark Anodized Finish, Add	*21.78*	
		For Galvanizing, Add	*11.62*	
		For Wrought Iron, Add	*5.19*	
		For Solid Steel Rails, Add	*10.39*	
		For 304 Stainless Steel, Add	*92.93*	
		For 316 Stainless Steel, Add	*104.54*	
		For 2" Wheel Guard, Add	*2.76*	
		For 4" High Kick Plate, Add	*3.63*	
		For 6" High Kick Plate, Add	*5.81*	
		For Curved Rail, Add	*24.29*	
		For Mounting On Stairs, Add	*15.58*	
		For Mounting On Slopes, Add	*5.19*	
		For Post Base Flange With Screws, Add Per Post	*19.79*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.94*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*20.25*	
		For Nylon Coating, Add	*4.36*	
		For Schedule 80 Handrail, Add	*5.48*	
		For ADA Handrail P-Loop End Return, Add Per Each	*81.42*	
		For Additional Off Set Handrail, ADA Attachment, Add	*14.54*	
		For 1/2" Diameter Pickets, >2" To 3" On Center, Add	*59.43*	
		For 1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*43.80*	
		For 1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*28.16*	
		For 3/4" Diameter Pickets, >2" To 3" On Center, Add	*70.64*	
		For 3/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*52.07*	
		For 3/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*33.48*	
		For 1" Diameter Pickets, >2" To 3" On Center, Add	*92.91*	
		For 1" Diameter Pickets, >3" To 4-1/2" On Center, Add	*68.47*	
		For 1" Diameter Pickets, >4-1/2" To 6" On Center, Add	*44.02*	
05 52 13 00-0010	LF	1-1/4" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing	56.95	11.45
		For Schedule 80 Handrail, Add	*8.79*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-7.49*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-8.51*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-11.24*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-13.28*	
		For Aluminum, Satin Finish, Add	*14.30*	
		For Aluminum, Clear Anodized Finish, Add	*22.13*	
		For Aluminum, Dark Anodized Finish, Add	*25.54*	
		For Galvanizing, Add	*13.62*	
		For Wrought Iron, Add	*5.70*	
		For Solid Steel Rails, Add	*11.39*	
		For 304 Stainless Steel, Add	*108.96*	
		For 316 Stainless Steel, Add	*122.58*	
		For 2" Wheel Guard, Add	*3.23*	
		For 4" High Kick Plate, Add	*4.26*	
		For 6" High Kick Plate, Add	*6.81*	
		For Curved Rail, Add	*27.30*	
		For Mounting On Stairs, Add	*17.09*	
		For Mounting On Slopes, Add	*5.70*	
		For Post Base Flange With Screws, Add Per Post	*19.79*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.94*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*22.75*	
		For Nylon Coating, Add	*5.11*	
		For ADA Handrail P-Loop End Return, Add Per Each	*96.97*	
		For Additional Off Set Handrail, ADA Attachment, Add	*16.26*	
		For 1/2" Diameter Pickets, >2" To 3" On Center, Add	*59.43*	
		For 1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*43.80*	
		For 1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*28.16*	
		For 3/4" Diameter Pickets, >2" To 3" On Center, Add	*70.64*	
		For 3/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*52.07*	
		For 3/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*33.48*	
		For 1" Diameter Pickets, >2" To 3" On Center, Add	*92.91*	
		For 1" Diameter Pickets, >3" To 4-1/2" On Center, Add	*68.47*	
		For 1" Diameter Pickets, >4-1/2" To 6" On Center, Add	*44.02*	
		For 1-1/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*92.74*	
		For 1-1/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*68.43*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0011	LF	1-1/2" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing	61.95	11.45
		For Schedule 80 Handrail, Add	*8.79*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-8.59*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-9.76*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-12.89*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-15.23*	
		For Aluminum, Satin Finish, Add	*16.40*	
		For Aluminum, Clear Anodized Finish, Add	*25.38*	
		For Aluminum, Dark Anodized Finish, Add	*29.29*	
		For Galvanizing, Add	*15.62*	
		For Wrought Iron, Add	*6.20*	
		For Solid Steel Rails, Add	*12.39*	
		For 304 Stainless Steel, Add	*124.96*	
		For 316 Stainless Steel, Add	*140.58*	
		For 2" Wheel Guard, Add	*3.71*	
		For 4" High Kick Plate, Add	*4.88*	
		For 6" High Kick Plate, Add	*7.81*	
		For Curved Rail, Add	*30.30*	
		For Mounting On Stairs, Add	*18.59*	
		For Mounting On Slopes, Add	*6.20*	
		For Post Base Flange With Screws, Add Per Post	*19.79*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.94*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*25.25*	
		For Nylon Coating, Add	*5.86*	
		For ADA Handrail P-Loop End Return, Add Per Each	*109.34*	
		For Additional Off Set Handrail, ADA Attachment, Add	*17.97*	
		For 1/2" Diameter Pickets, >2" To 3" On Center, Add	*59.43*	
		For 1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*43.80*	
		For 1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*28.16*	
		For 3/4" Diameter Pickets, >2" To 3" On Center, Add	*70.64*	
		For 3/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*52.07*	
		For 3/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*33.48*	
		For 1" Diameter Pickets, >2" To 3" On Center, Add	*92.91*	
		For 1" Diameter Pickets, >3" To 4-1/2" On Center, Add	*68.47*	
		For 1" Diameter Pickets, >4-1/2" To 6" On Center, Add	*44.02*	
		For 1-1/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*92.74*	
		For 1-1/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*68.43*	
		For 1-1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*106.06*	
		For 1-1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*77.00*	
05 52 13 00-0012	LF	2" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing	70.63	11.45
		For 11 Gauge A513 Steel Tubing, Deduct	*-10.50*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-11.93*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-15.75*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-18.61*	
		For Aluminum, Satin Finish, Add	*20.05*	
		For Aluminum, Clear Anodized Finish, Add	*31.02*	
		For Aluminum, Dark Anodized Finish, Add	*35.80*	
		For Galvanizing, Add	*19.09*	
		For Wrought Iron, Add	*7.06*	
		For Solid Steel Rails, Add	*14.13*	
		For 304 Stainless Steel, Add	*152.74*	
		For 316 Stainless Steel, Add	*171.83*	
		For 2" Wheel Guard, Add	*4.53*	
		For 4" High Kick Plate, Add	*5.97*	
		For 6" High Kick Plate, Add	*9.55*	
		For Curved Rail, Add	*35.51*	
		For Mounting On Stairs, Add	*21.19*	
		For Mounting On Slopes, Add	*7.06*	
		For Post Base Flange With Screws, Add Per Post	*19.79*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.94*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*29.59*	
		For Nylon Coating, Add	*7.16*	
		For Schedule 80 Handrail, Add	*10.12*	
		For ADA Handrail P-Loop End Return, Add Per Each	*132.11*	
		For Additional Off Set Handrail, ADA Attachment, Add	*20.95*	
		For 1/2" Diameter Pickets, >2" To 3" On Center, Add	*59.43*	
		For 1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*43.80*	
		For 1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*28.16*	
		For 3/4" Diameter Pickets, >2" To 3" On Center, Add	*70.64*	
		For 3/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*52.07*	
		For 3/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*33.48*	
		For 1" Diameter Pickets, >2" To 3" On Center, Add	*92.91*	
		For 1" Diameter Pickets, >3" To 4-1/2" On Center, Add	*68.47*	
		For 1" Diameter Pickets, >4-1/2" To 6" On Center, Add	*44.02*	
		For 1-1/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*92.74*	
		For 1-1/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*68.43*	
		For 1-1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*106.06*	
		For 1-1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*77.00*	
		For 2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*133.96*	
		For 2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*94.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0013	LF	2-1/2" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing	81.03	11.45
		For 11 Gauge A513 Steel Tubing, Deduct	*-12.79*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-14.53*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-19.18*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-22.67*	
		For Aluminum, Satin Finish, Add	*24.41*	
		For Aluminum, Clear Anodized Finish, Add	*37.78*	
		For Aluminum, Dark Anodized Finish, Add	*43.60*	
		For Galvanizing, Add	*23.25*	
		For Wrought Iron, Add	*8.10*	
		For Solid Steel Rails, Add	*16.21*	
		For 304 Stainless Steel, Add	*186.02*	
		For 316 Stainless Steel, Add	*209.27*	
		For 2" Wheel Guard, Add	*5.52*	
		For 4" High Kick Plate, Add	*7.27*	
		For 6" High Kick Plate, Add	*11.63*	
		For Curved Rail, Add	*41.75*	
		For Mounting On Stairs, Add	*24.31*	
		For Mounting On Slopes, Add	*8.10*	
		For Post Base Flange With Screws, Add Per Post	*19.79*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.94*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*34.79*	
		For Nylon Coating, Add	*8.72*	
		For Schedule 80 Handrail, Add	*11.47*	
		For ADA Handrail P-Loop End Return, Add Per Each	*180.71*	
		For Additional Off Set Handrail, ADA Attachment, Add	*24.51*	
		For 1/2" Diameter Pickets, >2" To 3" On Center, Add	*59.43*	
		For 1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*43.80*	
		For 1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*28.16*	
		For 3/4" Diameter Pickets, >2" To 3" On Center, Add	*70.64*	
		For 3/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*52.07*	
		For 3/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*33.48*	
		For 1" Diameter Pickets, >2" To 3" On Center, Add	*92.91*	
		For 1" Diameter Pickets, >3" To 4-1/2" On Center, Add	*68.47*	
		For 1" Diameter Pickets, >4-1/2" To 6" On Center, Add	*44.02*	
		For 1-1/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*92.74*	
		For 1-1/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*68.43*	
		For 1-1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*106.06*	
		For 1-1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*77.00*	
		For 2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*133.96*	
		For 2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*94.93*	
		For 2-1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*136.12*	

05 52 13 00-0014 Three Rail, Up To 42" High, Welded Steel Pipe Railings *(05 52 13 00-0001)*

Note: Includes factory primed posts and three rails.

05 52 13 00-0015	LF	1" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing	80.84	13.74
		For 11 Gauge A513 Steel Tubing, Deduct	*-11.74*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-13.34*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-17.61*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-20.81*	
		For Aluminum, Satin Finish, Add	*22.41*	
		For Aluminum, Clear Anodized Finish, Add	*34.68*	
		For Aluminum, Dark Anodized Finish, Add	*40.02*	
		For Galvanizing, Add	*21.34*	
		For Wrought Iron, Add	*8.08*	
		For Solid Steel Rails, Add	*16.17*	
		For 304 Stainless Steel, Add	*170.75*	
		For 316 Stainless Steel, Add	*192.10*	
		For 2" Wheel Guard, Add	*5.07*	
		For 4" High Kick Plate, Add	*6.67*	
		For 6" High Kick Plate, Add	*10.67*	
		For Curved Rail, Add	*40.26*	
		For Mounting On Stairs, Add	*24.25*	
		For Mounting On Slopes, Add	*8.08*	
		For Post Base Flange With Screws, Add Per Post	*20.25*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*30.62*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*33.55*	
		For Nylon Coating, Add	*8.00*	
		For Schedule 80 Handrail, Add	*7.90*	
		For ADA Handrail P-Loop End Return, Add Per Each	*81.42*	
		For Additional Off Set Handrail, ADA Attachment, Add	*15.46*	
		For 1/2" Diameter Pickets, >2" To 3" On Center, Add	*59.43*	
		For 1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*43.80*	
		For 1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*28.16*	
		For 3/4" Diameter Pickets, >2" To 3" On Center, Add	*70.64*	
		For 3/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*52.07*	
		For 3/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*33.48*	
		For 1" Diameter Pickets, >2" To 3" On Center, Add	*92.91*	
		For 1" Diameter Pickets, >3" To 4-1/2" On Center, Add	*68.47*	
		For 1" Diameter Pickets, >4-1/2" To 6" On Center, Add	*44.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0016	LF	1-1/4" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing	90.03	13.74
		For 11 Gauge A513 Steel Tubing, Deduct	*-13.76*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-15.64*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-20.64*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-24.39*	
		For Aluminum, Satin Finish, Add	*26.27*	
		For Aluminum, Clear Anodized Finish, Add	*40.66*	
		For Aluminum, Dark Anodized Finish, Add	*46.91*	
		For Galvanizing, Add	*25.02*	
		For Wrought Iron, Add	*9.00*	
		For Solid Steel Rails, Add	*18.01*	
		For 304 Stainless Steel, Add	*200.16*	
		For 316 Stainless Steel, Add	*225.18*	
		For 2" Wheel Guard, Add	*5.94*	
		For 4" High Kick Plate, Add	*7.82*	
		For 6" High Kick Plate, Add	*12.51*	
		For Curved Rail, Add	*45.77*	
		For Mounting On Stairs, Add	*27.01*	
		For Mounting On Slopes, Add	*9.00*	
		For Post Base Flange With Screws, Add Per Post	*20.25*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*30.62*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*38.15*	
		For Nylon Coating, Add	*9.38*	
		For Schedule 80 Handrail, Add	*12.31*	
		For ADA Handrail P-Loop End Return, Add Per Each	*96.97*	
		For Additional Off Set Handrail, ADA Attachment, Add	*17.18*	
		For 1/2" Diameter Pickets, >2" To 3" On Center, Add	*59.43*	
		For 1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*43.80*	
		For 1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*28.16*	
		For 3/4" Diameter Pickets, >2" To 3" On Center, Add	*70.64*	
		For 3/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*52.07*	
		For 3/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*33.48*	
		For 1" Diameter Pickets, >2" To 3" On Center, Add	*92.91*	
		For 1" Diameter Pickets, >3" To 4-1/2" On Center, Add	*68.47*	
		For 1" Diameter Pickets, >4-1/2" To 6" On Center, Add	*44.02*	
		For 1-1/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*92.74*	
		For 1-1/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*68.43*	
05 52 13 00-0017	LF	1-1/2" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing	99.22	13.74
		For 11 Gauge A513 Steel Tubing, Deduct	*-15.78*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-17.94*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-23.67*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-27.98*	
		For Aluminum, Satin Finish, Add	*30.13*	
		For Aluminum, Clear Anodized Finish, Add	*46.63*	
		For Aluminum, Dark Anodized Finish, Add	*53.81*	
		For Galvanizing, Add	*28.70*	
		For Wrought Iron, Add	*9.92*	
		For Solid Steel Rails, Add	*19.84*	
		For 304 Stainless Steel, Add	*229.57*	
		For 316 Stainless Steel, Add	*258.26*	
		For 2" Wheel Guard, Add	*6.82*	
		For 4" High Kick Plate, Add	*8.97*	
		For 6" High Kick Plate, Add	*14.35*	
		For Curved Rail, Add	*51.29*	
		For Mounting On Stairs, Add	*29.77*	
		For Mounting On Slopes, Add	*9.92*	
		For Post Base Flange With Screws, Add Per Post	*20.25*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*30.62*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*42.74*	
		For Nylon Coating, Add	*10.76*	
		For Schedule 80 Handrail, Add	*12.31*	
		For ADA Handrail P-Loop End Return, Add Per Each	*109.34*	
		For Additional Off Set Handrail, ADA Attachment, Add	*18.89*	
		For 1/2" Diameter Pickets, >2" To 3" On Center, Add	*59.43*	
		For 1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*43.80*	
		For 1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*28.16*	
		For 3/4" Diameter Pickets, >2" To 3" On Center, Add	*70.64*	
		For 3/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*52.07*	
		For 3/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*33.48*	
		For 1" Diameter Pickets, >2" To 3" On Center, Add	*92.91*	
		For 1" Diameter Pickets, >3" To 4-1/2" On Center, Add	*68.47*	
		For 1" Diameter Pickets, >4-1/2" To 6" On Center, Add	*44.02*	
		For 1-1/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*92.74*	
		For 1-1/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*68.43*	
		For 1-1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*106.06*	
		For 1-1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*77.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0018	LF	2" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing	115.19	13.74
		For 11 Gauge A513 Steel Tubing, Deduct	*-19.30*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-21.93*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-28.94*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-34.21*	
		For Aluminum, Satin Finish, Add	*36.84*	
		For Aluminum, Clear Anodized Finish, Add	*57.01*	
		For Aluminum, Dark Anodized Finish, Add	*65.78*	
		For Galvanizing, Add	*35.08*	
		For Wrought Iron, Add	*11.52*	
		For Solid Steel Rails, Add	*23.04*	
		For 304 Stainless Steel, Add	*280.67*	
		For 316 Stainless Steel, Add	*315.76*	
		For 2" Wheel Guard, Add	*8.33*	
		For 4" High Kick Plate, Add	*10.96*	
		For 6" High Kick Plate, Add	*17.54*	
		For Curved Rail, Add	*60.87*	
		For Mounting On Stairs, Add	*34.56*	
		For Mounting On Slopes, Add	*11.52*	
		For Post Base Flange With Screws, Add Per Post	*20.25*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*30.62*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*50.73*	
		For Nylon Coating, Add	*13.16*	
		For Schedule 80 Handrail, Add	*14.09*	
		For ADA Handrail P-Loop End Return, Add Per Each	*132.11*	
		For Additional Off Set Handrail, ADA Attachment, Add	*21.87*	
		For 1/2" Diameter Pickets, >2" To 3" On Center, Add	*59.43*	
		For 1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*43.80*	
		For 1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*28.16*	
		For 3/4" Diameter Pickets, >2" To 3" On Center, Add	*70.64*	
		For 3/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*52.07*	
		For 3/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*33.48*	
		For 1" Diameter Pickets, >2" To 3" On Center, Add	*92.91*	
		For 1" Diameter Pickets, >3" To 4-1/2" On Center, Add	*68.47*	
		For 1" Diameter Pickets, >4-1/2" To 6" On Center, Add	*44.02*	
		For 1-1/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*92.74*	
		For 1-1/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*68.43*	
		For 1-1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*106.06*	
		For 1-1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*77.00*	
		For 2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*133.96*	
		For 2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*94.93*	
05 52 13 00-0019	LF	2-1/2" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing	134.21	13.74
		For 11 Gauge A513 Steel Tubing, Deduct	*-23.48*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-26.68*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-35.22*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-41.62*	
		For Aluminum, Satin Finish, Add	*44.83*	
		For Aluminum, Clear Anodized Finish, Add	*69.37*	
		For Aluminum, Dark Anodized Finish, Add	*80.05*	
		For Galvanizing, Add	*42.69*	
		For Wrought Iron, Add	*13.42*	
		For Solid Steel Rails, Add	*26.84*	
		For 304 Stainless Steel, Add	*341.54*	
		For 316 Stainless Steel, Add	*384.23*	
		For 2" Wheel Guard, Add	*10.14*	
		For 4" High Kick Plate, Add	*13.34*	
		For 6" High Kick Plate, Add	*21.35*	
		For Curved Rail, Add	*72.28*	
		For Mounting On Stairs, Add	*40.26*	
		For Mounting On Slopes, Add	*13.42*	
		For Post Base Flange With Screws, Add Per Post	*20.25*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*30.62*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*60.24*	
		For Nylon Coating, Add	*16.01*	
		For Schedule 80 Handrail, Add	*15.89*	
		For ADA Handrail P-Loop End Return, Add Per Each	*180.71*	
		For Additional Off Set Handrail, ADA Attachment, Add	*25.43*	
		For 1/2" Diameter Pickets, >2" To 3" On Center, Add	*59.43*	
		For 1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*43.80*	
		For 1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*28.16*	
		For 3/4" Diameter Pickets, >2" To 3" On Center, Add	*70.64*	
		For 3/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*52.07*	
		For 3/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*33.48*	
		For 1" Diameter Pickets, >2" To 3" On Center, Add	*92.91*	
		For 1" Diameter Pickets, >3" To 4-1/2" On Center, Add	*68.47*	
		For 1" Diameter Pickets, >4-1/2" To 6" On Center, Add	*44.02*	
		For 1-1/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*92.74*	
		For 1-1/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*68.43*	
		For 1-1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*106.06*	
		For 1-1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*77.00*	
		For 2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*133.96*	
		For 2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*94.93*	
		For 2-1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*136.12*	

05 52 13 00-0020 Four Rail, Up To 42" High, Welded Steel Pipe Railings *(05 52 13 00-0001)*
Note: Includes factory primed posts and four rails.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0021	LF	1" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing	97.54	16.03
		For 11 Gauge A513 Steel Tubing, Deduct	*-14.41*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-16.37*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-21.61*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-25.54*	
		For Aluminum, Satin Finish, Add	*27.51*	
		For Aluminum, Clear Anodized Finish, Add	*42.57*	
		For Aluminum, Dark Anodized Finish, Add	*49.12*	
		For Galvanizing, Add	*26.20*	
		For Wrought Iron, Add	*9.75*	
		For Solid Steel Rails, Add	*19.51*	
		For 304 Stainless Steel, Add	*209.57*	
		For 316 Stainless Steel, Add	*235.76*	
		For 2" Wheel Guard, Add	*6.22*	
		For 4" High Kick Plate, Add	*8.19*	
		For 6" High Kick Plate, Add	*13.10*	
		For Curved Rail, Add	*48.91*	
		For Mounting On Stairs, Add	*29.26*	
		For Mounting On Slopes, Add	*9.75*	
		For Post Base Flange With Screws, Add Per Post	*20.71*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*31.31*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*40.76*	
		For Nylon Coating, Add	*9.82*	
		For Schedule 80 Handrail, Add	*10.62*	
		For ADA Handrail P-Loop End Return, Add Per Each	*81.42*	
		For Additional Off Set Handrail, ADA Attachment, Add	*16.37*	
		For 1/2" Diameter Pickets, >2" To 3" On Center, Add	*59.43*	
		For 1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*43.80*	
		For 1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*28.16*	
		For 3/4" Diameter Pickets, >2" To 3" On Center, Add	*70.64*	
		For 3/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*52.07*	
		For 3/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*33.48*	
		For 1" Diameter Pickets, >2" To 3" On Center, Add	*92.91*	
		For 1" Diameter Pickets, >3" To 4-1/2" On Center, Add	*68.47*	
		For 1" Diameter Pickets, >4-1/2" To 6" On Center, Add	*44.02*	
05 52 13 00-0022	LF	1-1/4" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing	105.70	16.03
		For 11 Gauge A513 Steel Tubing, Deduct	*-16.20*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-18.41*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-24.30*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-28.72*	
		For Aluminum, Satin Finish, Add	*30.93*	
		For Aluminum, Clear Anodized Finish, Add	*47.87*	
		For Aluminum, Dark Anodized Finish, Add	*55.24*	
		For Galvanizing, Add	*29.46*	
		For Wrought Iron, Add	*10.57*	
		For Solid Steel Rails, Add	*21.14*	
		For 304 Stainless Steel, Add	*235.68*	
		For 316 Stainless Steel, Add	*265.14*	
		For 2" Wheel Guard, Add	*7.00*	
		For 4" High Kick Plate, Add	*9.21*	
		For 6" High Kick Plate, Add	*14.73*	
		For Curved Rail, Add	*53.81*	
		For Mounting On Stairs, Add	*31.71*	
		For Mounting On Slopes, Add	*10.57*	
		For Post Base Flange With Screws, Add Per Post	*20.71*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*31.31*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*44.84*	
		For Nylon Coating, Add	*11.05*	
		For Schedule 80 Handrail, Add	*16.12*	
		For ADA Handrail P-Loop End Return, Add Per Each	*96.97*	
		For Additional Off Set Handrail, ADA Attachment, Add	*18.09*	
		For 1/2" Diameter Pickets, >2" To 3" On Center, Add	*59.43*	
		For 1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*43.80*	
		For 1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*28.16*	
		For 3/4" Diameter Pickets, >2" To 3" On Center, Add	*70.64*	
		For 3/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*52.07*	
		For 3/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*33.48*	
		For 1" Diameter Pickets, >2" To 3" On Center, Add	*92.91*	
		For 1" Diameter Pickets, >3" To 4-1/2" On Center, Add	*68.47*	
		For 1" Diameter Pickets, >4-1/2" To 6" On Center, Add	*44.02*	
		For 1-1/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*92.74*	
		For 1-1/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*68.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0023	LF	1-1/2" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing	113.86	16.03
		For 11 Gauge A513 Steel Tubing, Deduct	*-18.00*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-20.45*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-27.00*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-31.91*	
		For Aluminum, Satin Finish, Add	*34.36*	
		For Aluminum, Clear Anodized Finish, Add	*53.18*	
		For Aluminum, Dark Anodized Finish, Add	*61.36*	
		For Galvanizing, Add	*32.72*	
		For Wrought Iron, Add	*11.39*	
		For Solid Steel Rails, Add	*22.77*	
		For 304 Stainless Steel, Add	*261.79*	
		For 316 Stainless Steel, Add	*294.52*	
		For 2" Wheel Guard, Add	*7.77*	
		For 4" High Kick Plate, Add	*10.23*	
		For 6" High Kick Plate, Add	*16.36*	
		For Curved Rail, Add	*58.70*	
		For Mounting On Stairs, Add	*34.16*	
		For Mounting On Slopes, Add	*11.39*	
		For Post Base Flange With Screws, Add Per Post	*20.71*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*31.31*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*48.92*	
		For Nylon Coating, Add	*12.27*	
		For Schedule 80 Handrail, Add	*16.12*	
		For ADA Handrail P-Loop End Return, Add Per Each	*109.34*	
		For Additional Off Set Handrail, ADA Attachment, Add	*19.80*	
		For 1/2" Diameter Pickets, >2" To 3" On Center, Add	*59.43*	
		For 1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*43.80*	
		For 1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*28.16*	
		For 3/4" Diameter Pickets, >2" To 3" On Center, Add	*70.64*	
		For 3/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*52.07*	
		For 3/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*33.48*	
		For 1" Diameter Pickets, >2" To 3" On Center, Add	*92.91*	
		For 1" Diameter Pickets, >3" To 4-1/2" On Center, Add	*68.47*	
		For 1" Diameter Pickets, >4-1/2" To 6" On Center, Add	*44.02*	
		For 1-1/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*92.74*	
		For 1-1/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*68.43*	
		For 1-1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*106.06*	
		For 1-1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*77.00*	
05 52 13 00-0024	LF	2" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing	132.03	16.03
		For 11 Gauge A513 Steel Tubing, Deduct	*-22.00*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-25.00*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-32.99*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-38.99*	
		For Aluminum, Satin Finish, Add	*41.99*	
		For Aluminum, Clear Anodized Finish, Add	*64.99*	
		For Aluminum, Dark Anodized Finish, Add	*74.99*	
		For Galvanizing, Add	*39.99*	
		For Wrought Iron, Add	*13.20*	
		For Solid Steel Rails, Add	*26.41*	
		For 304 Stainless Steel, Add	*319.94*	
		For 316 Stainless Steel, Add	*359.93*	
		For 2" Wheel Guard, Add	*9.50*	
		For 4" High Kick Plate, Add	*12.50*	
		For 6" High Kick Plate, Add	*20.00*	
		For Curved Rail, Add	*69.60*	
		For Mounting On Stairs, Add	*39.61*	
		For Mounting On Slopes, Add	*13.20*	
		For Post Base Flange With Screws, Add Per Post	*20.71*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*31.31*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*58.00*	
		For Nylon Coating, Add	*15.00*	
		For Schedule 80 Handrail, Add	*18.35*	
		For ADA Handrail P-Loop End Return, Add Per Each	*132.11*	
		For Additional Off Set Handrail, ADA Attachment, Add	*22.78*	
		For 1/2" Diameter Pickets, >2" To 3" On Center, Add	*59.43*	
		For 1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*43.80*	
		For 1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*28.16*	
		For 3/4" Diameter Pickets, >2" To 3" On Center, Add	*70.64*	
		For 3/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*52.07*	
		For 3/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*33.48*	
		For 1" Diameter Pickets, >2" To 3" On Center, Add	*92.91*	
		For 1" Diameter Pickets, >3" To 4-1/2" On Center, Add	*68.47*	
		For 1" Diameter Pickets, >4-1/2" To 6" On Center, Add	*44.02*	
		For 1-1/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*92.74*	
		For 1-1/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*68.43*	
		For 1-1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*106.06*	
		For 1-1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*77.00*	
		For 2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*133.96*	
		For 2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*94.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0025	LF	2-1/2" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing	153.33	16.03
		For 11 Gauge A513 Steel Tubing, Deduct	*-26.68*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-30.32*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-40.02*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-47.30*	
		For Aluminum, Satin Finish, Add	*50.94*	
		For Aluminum, Clear Anodized Finish, Add	*78.83*	
		For Aluminum, Dark Anodized Finish, Add	*90.96*	
		For Galvanizing, Add	*48.51*	
		For Wrought Iron, Add	*15.33*	
		For Solid Steel Rails, Add	*30.67*	
		For 304 Stainless Steel, Add	*388.10*	
		For 316 Stainless Steel, Add	*436.61*	
		For 2" Wheel Guard, Add	*11.52*	
		For 4" High Kick Plate, Add	*15.16*	
		For 6" High Kick Plate, Add	*24.26*	
		For Curved Rail, Add	*82.38*	
		For Mounting On Stairs, Add	*46.00*	
		For Mounting On Slopes, Add	*15.33*	
		For Post Base Flange With Screws, Add Per Post	*20.71*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*31.31*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*68.65*	
		For Nylon Coating, Add	*18.19*	
		For Schedule 80 Handrail, Add	*20.60*	
		For ADA Handrail P-Loop End Return, Add Per Each	*180.71*	
		For Additional Off Set Handrail, ADA Attachment, Add	*26.34*	
		For 1/2" Diameter Pickets, >2" To 3" On Center, Add	*59.43*	
		For 1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*43.80*	
		For 1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*28.16*	
		For 3/4" Diameter Pickets, >2" To 3" On Center, Add	*70.64*	
		For 3/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*52.07*	
		For 3/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*33.48*	
		For 1" Diameter Pickets, >2" To 3" On Center, Add	*92.91*	
		For 1" Diameter Pickets, >3" To 4-1/2" On Center, Add	*68.47*	
		For 1" Diameter Pickets, >4-1/2" To 6" On Center, Add	*44.02*	
		For 1-1/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*92.74*	
		For 1-1/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*68.43*	
		For 1-1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*106.06*	
		For 1-1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*77.00*	
		For 2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*133.96*	
		For 2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*94.93*	
		For 2-1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*136.12*	

05 52 13 00-0026 Railing Infill Panels *(05 52 13)*

Note: Includes field welds and touch-up of welds.

05 52 13 00-0027 Wire Mesh Or Welded Wire Mesh, Railing Infill Panels *(05 52 13 00-0026)*

Note: Square weave or square welded wire mesh.

05 52 13 00-0028	SF	Powder Coated Steel, Wire Mesh Or Welded Wire Mesh, Railing Infill Panel	15.42
05 52 13 00-0029	SF	Galvanized Steel, Wire Mesh Or Welded Wire Mesh, Railing Infill Panel	16.37
05 52 13 00-0030	SF	Aluminum, Wire Mesh Or Welded Wire Mesh, Railing Infill Panel	17.22
05 52 13 00-0031	SF	Stainless Steel, Wire Mesh Or Welded Wire Mesh, Railing Infill Panel	29.11

05 52 13 00-0032 Perforated Metal, Railing Infill Panels *(05 52 13 00-0026)*

05 52 13 00-0033	SF	Powder Coated Steel, Perforated Metal, Railing Infill Panel	15.12
05 52 13 00-0034	SF	Galvanized Steel, Perforated Metal, Railing Infill Panel	15.64
05 52 13 00-0035	SF	Aluminum, Perforated Metal, Railing Infill Panel	16.74
05 52 13 00-0036	SF	Stainless Steel, Perforated Metal, Railing Infill Panel	33.59

05 52 13 00-0037 Expanded Metal, Railing Infill Panels *(05 52 13 00-0026)*

05 52 13 00-0038	SF	Powder Coated Steel, Expanded Metal, Railing Infill Panel	6.82
05 52 13 00-0039	SF	Galvanized Steel, Expanded Metal, Railing Infill Panel	13.94
05 52 13 00-0040	SF	Aluminum, Expanded Metal, Railing Infill Panel	18.31
05 52 13 00-0041	SF	Stainless Steel, Expanded Metal, Railing Infill Panel	27.29

05 52 13 00-0042 Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railings *(05 52 13)*

Note: Includes factory primed, fasteners and field touch-up of welds.

05 52 13 00-0043	LF	1" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	39.40	6.87
		For 11 Gauge A513 Steel Tubing, Deduct	*-4.89*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-5.56*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-7.34*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-8.67*	
		For Galvanized Finish, Add	*6.67*	
		For Schedule 80 Handrail, Add	*2.88*	
		For Stainless Steel, Add	*44.46*	
		For Aluminum, Satin Finish, Add	*9.34*	
		For Curved Rail, Add	*11.82*	
		For Aluminum, Clear Anodized Finish, Add	*14.45*	
		For Aluminum, Dark Anodized Finish, Add	*16.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0044	LF	1-1/4" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	40.12	6.87
		For 11 Gauge A513 Steel Tubing, Deduct	*-5.05*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-5.74*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-7.57*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-8.95*	
		For Galvanized Finish, Add	*6.89*	
		For Schedule 80 Handrail, Add	*3.42*	
		For Stainless Steel, Add	*45.90*	
		For Aluminum, Satin Finish, Add	*9.64*	
		For Curved Rail, Add	*12.04*	
		For Aluminum, Clear Anodized Finish, Add	*14.92*	
		For Aluminum, Dark Anodized Finish, Add	*17.21*	
05 52 13 00-0045	LF	1-1/2" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	40.84	6.87
		For 11 Gauge A513 Steel Tubing, Deduct	*-5.21*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-5.92*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-7.81*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-9.23*	
		For Galvanized Finish, Add	*7.10*	
		For Schedule 80 Handrail, Add	*10.77*	
		For Stainless Steel, Add	*47.34*	
		For Aluminum, Satin Finish, Add	*9.94*	
		For Curved Rail, Add	*12.25*	
		For Aluminum, Clear Anodized Finish, Add	*15.39*	
		For Aluminum, Dark Anodized Finish, Add	*17.75*	
05 52 13 00-0046	LF	2" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	49.08	6.87
		For 11 Gauge A513 Steel Tubing, Deduct	*-7.02*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-7.98*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-10.53*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-12.44*	
		For Galvanized Finish, Add	*9.57*	
		For Schedule 80 Handrail, Add	*4.43*	
		For Stainless Steel, Add	*63.82*	
		For Aluminum, Satin Finish, Add	*13.40*	
		For Curved Rail, Add	*14.72*	
		For Aluminum, Clear Anodized Finish, Add	*20.74*	
		For Aluminum, Dark Anodized Finish, Add	*23.93*	
05 52 13 00-0047	LF	2-1/2" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	55.90	6.87
		For 11 Gauge A513 Steel Tubing, Deduct	*-8.52*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-9.68*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-12.78*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-15.10*	
		For Galvanized Finish, Add	*11.62*	
		For Schedule 80 Handrail, Add	*4.88*	
		For Stainless Steel, Add	*77.46*	
		For Aluminum, Satin Finish, Add	*16.27*	
		For Curved Rail, Add	*16.77*	
		For Aluminum, Clear Anodized Finish, Add	*25.17*	
		For Aluminum, Dark Anodized Finish, Add	*29.05*	

05 52 13 00-0048 Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railings *(05 52 13)*

Note: Includes factory primed, fasteners and field touch-up of welds.

05 52 13 00-0049	LF	1" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	47.83	7.21
		For 11 Gauge A513 Steel Tubing, Deduct	*-6.75*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-7.67*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-10.12*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-11.96*	
		For Galvanized Finish, Add	*9.20*	
		For Schedule 80 Handrail, Add	*2.88*	
		For Stainless Steel, Add	*61.32*	
		For Aluminum, Satin Finish, Add	*12.88*	
		For Curved Rail, Add	*14.35*	
		For Aluminum, Clear Anodized Finish, Add	*19.93*	
		For Aluminum, Dark Anodized Finish, Add	*23.00*	
05 52 13 00-0050	LF	1-1/4" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	48.83	7.21
		For 11 Gauge A513 Steel Tubing, Deduct	*-6.97*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-7.92*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-10.45*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-12.35*	
		For Galvanized Finish, Add	*9.50*	
		For Schedule 80 Handrail, Add	*3.42*	
		For Stainless Steel, Add	*63.32*	
		For Aluminum, Satin Finish, Add	*13.30*	
		For Curved Rail, Add	*14.65*	
		For Aluminum, Clear Anodized Finish, Add	*20.58*	
		For Aluminum, Dark Anodized Finish, Add	*23.75*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0051	LF	1-1/2" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	49.59	7.21
		For 11 Gauge A513 Steel Tubing, Deduct	*-7.13*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-8.11*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-10.70*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-12.64*	
		For Galvanized Finish, Add	*9.73*	
		For Schedule 80 Handrail, Add	*10.77*	
		For Stainless Steel, Add	*64.84*	
		For Aluminum, Satin Finish, Add	*13.62*	
		For Curved Rail, Add	*14.88*	
		For Aluminum, Clear Anodized Finish, Add	*21.07*	
		For Aluminum, Dark Anodized Finish, Add	*24.32*	
05 52 13 00-0052	LF	2" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	61.10	7.21
		For 11 Gauge A513 Steel Tubing, Deduct	*-9.66*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-10.98*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-14.50*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-17.13*	
		For Galvanized Finish, Add	*13.18*	
		For Schedule 80 Handrail, Add	*4.43*	
		For Stainless Steel, Add	*87.86*	
		For Aluminum, Satin Finish, Add	*18.45*	
		For Curved Rail, Add	*18.33*	
		For Aluminum, Clear Anodized Finish, Add	*28.55*	
		For Aluminum, Dark Anodized Finish, Add	*32.95*	
05 52 13 00-0053	LF	2-1/2" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	68.63	7.21
		For 11 Gauge A513 Steel Tubing, Deduct	*-11.32*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-12.87*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-16.98*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-20.07*	
		For Galvanized Finish, Add	*15.44*	
		For Schedule 80 Handrail, Add	*4.88*	
		For Stainless Steel, Add	*102.92*	
		For Aluminum, Satin Finish, Add	*21.61*	
		For Curved Rail, Add	*20.59*	
		For Aluminum, Clear Anodized Finish, Add	*33.45*	
		For Aluminum, Dark Anodized Finish, Add	*38.60*	

05 52 13 00-0054 Remove And Reinstall Pipe Railing *(05 52 13)*

05 52 13 00-0055	LF	Removal And Reinstallation Of Wall Bracket Mounted Pipe Railing	25.75	
05 52 13 00-0056	LF	Removal And Reinstallation Of Floor Mounted Pipe Railing	34.24	
05 52 13 00-0057	EA	Install New Galvanized Steel Pipe Railing Bracket	68.24	
		For Stainless Steel, Add	*67.80*	

05 53 Metal Gratings *(05 50)*

05 53 13 Bar Gratings *(05 53)*

05 53 13 00-0001 Welded Grating *(05 53 13)*

Note: Sizes are for height and width of bearing bars. Welded grating is open grid grating which has bearing bars and cross bars locked in place by resistance welding, or conventional hand welding. Resistance welded grating is produced on precise automated production equipment by combining hydraulic pressure with a powerful electric current to fuse - electroforge - the cross bar and bearing bar into a single rigid panel.

05 53 13 00-0002 Steel, Welded Grating *(05 53 13 00-0001)*

Note: Bearing bars at 1-3/16" on-center, crossbars at 4" on-center, bolted or tack welded, unpainted steel, and in all sizes.

05 53 13 00-0003	SF	3/4" x 1/8" Steel, Welded Grating	14.35	1.26
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.01*	
		For 304 Stainless Steel, Add	*37.97*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*3.45*	
		For Crossbars At 2" On-Center, Add	*1.28*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.98*	
05 53 13 00-0004	SF	3/4" x 3/16" Steel, Welded Grating	19.25	1.26
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.84*	
		For 304 Stainless Steel, Add	*53.70*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*4.89*	
		For Crossbars At 2" On-Center, Add	*1.81*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.11*	
05 53 13 00-0005	SF	1" x 1/8" Steel, Welded Grating	17.50	1.26
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.55*	
		For 304 Stainless Steel, Add	*48.09*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*4.37*	
		For Crossbars At 2" On-Center, Add	*1.62*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0006	SF	1" x 3/16" Steel, Welded Grating	24.15	1.26
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*3.68*	
		For 304 Stainless Steel, Add	*69.43*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*6.32*	
		For Crossbars At 2" On-Center, Add	*2.34*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.23*	
05 53 13 00-0007	SF	1" x 1/4" Steel, Welded Grating	30.79	1.26
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.81*	
		For 304 Stainless Steel, Add	*90.75*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*8.25*	
		For Crossbars At 2" On-Center, Add	*3.05*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.40*	
05 53 13 00-0008	SF	1-1/4" x 1/8" Steel, Welded Grating	20.68	1.26
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*3.09*	
		For 304 Stainless Steel, Add	*58.29*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*5.30*	
		For Crossbars At 2" On-Center, Add	*1.96*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.14*	
05 53 13 00-0009	SF	1-1/4" x 3/16" Steel, Welded Grating	28.76	1.26
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.46*	
		For 304 Stainless Steel, Add	*84.23*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*7.66*	
		For Crossbars At 2" On-Center, Add	*2.83*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.34*	
05 53 13 00-0010	SF	1-1/2" x 1/8" Steel, Welded Grating	23.87	1.26
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*3.63*	
		For 304 Stainless Steel, Add	*68.53*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*6.23*	
		For Crossbars At 2" On-Center, Add	*2.31*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.22*	
05 53 13 00-0011	SF	1-1/2" x 3/16" Steel, Welded Grating	34.20	1.54
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*5.29*	
		For 304 Stainless Steel, Add	*99.86*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*9.08*	
		For Crossbars At 2" On-Center, Add	*3.36*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.85*	
05 53 13 00-0012	SF	1-1/2" x 1/4" Steel, Welded Grating	44.31	1.54
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*7.01*	
		For 304 Stainless Steel, Add	*132.32*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*12.04*	
		For Crossbars At 2" On-Center, Add	*4.45*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.10*	
05 53 13 00-0013	SF	1-3/4" x 3/16" Steel, Welded Grating	39.13	1.54
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*6.13*	
		For 304 Stainless Steel, Add	*115.69*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*10.52*	
		For Crossbars At 2" On-Center, Add	*3.89*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.97*	
05 53 13 00-0014	SF	2" x 3/16" Steel, Welded Grating	43.75	1.54
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*6.91*	
		For 304 Stainless Steel, Add	*130.52*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*11.87*	
		For Crossbars At 2" On-Center, Add	*4.39*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0015	SF	2-1/4" x 3/16" Steel, Welded Grating	48.65	1.54
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*7.75*	
		For 304 Stainless Steel, Add	*146.25*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*13.30*	
		For Crossbars At 2" On-Center, Add	*4.92*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.21*	
05 53 13 00-0016	SF	2-1/2" x 3/16" Steel, Welded Grating	53.27	1.54
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*8.53*	
		For 304 Stainless Steel, Add	*161.08*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*14.65*	
		For Crossbars At 2" On-Center, Add	*5.42*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.32*	

05 53 13 00-0017 Pressure Locked Grating *(05 53 13)*

Note: Sizes are for height and width of bearing bars. Pressure locked grating is an open grid grating which is an assembly of tight-fitting, slotted bearing bars and cross bars, interlocked together. The permanent locking of the bars is accomplished by slotting the bearing bars with a wider 'dovetail' shape at the bottom of the slot. The bearing bar slot is usually 1/2 the depth of the cross bar. The cross bars are slotted to a depth slightly less than half its depth. When the bars are pressed together under hydraulic pressure, the cross bar material is forced into the 'dovetail' shape of the bearing bar notch, forming a strong, rigid unit.

05 53 13 00-0018 Steel, Pressure Locked Grating *(05 53 13 00-0017)*

Note: Bearing bars at 1-3/16" on-center, crossbars at 4" on-center, bolted or tack welded, unpainted steel, and in all sizes.

05 53 13 00-0019	SF	3/4" x 1/8" Steel, Pressure Locked Grating	27.19	1.26
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.05*	
		For 304 Stainless Steel, Add	*46.16*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*7.20*	
		For Crossbars At 2" On-Center, Add	*2.66*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.31*	
05 53 13 00-0020	SF	3/4" x 3/16" Steel, Pressure Locked Grating	33.49	1.26
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*5.08*	
		For 304 Stainless Steel, Add	*57.94*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*9.04*	
		For Crossbars At 2" On-Center, Add	*3.34*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.46*	
05 53 13 00-0021	SF	1" x 1/8" Steel, Pressure Locked Grating	29.88	1.26
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.49*	
		For 304 Stainless Steel, Add	*51.19*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*7.99*	
		For Crossbars At 2" On-Center, Add	*2.95*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.37*	
05 53 13 00-0022	SF	1" x 3/16" Steel, Pressure Locked Grating	40.70	1.26
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*6.26*	
		For 304 Stainless Steel, Add	*71.43*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 7/16" On-Center, Add	*55.36*	
		For Bearing Bars At 15/16" On-Center, Add	*11.15*	
		For Crossbars At 2" On-Center, Add	*4.12*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.64*	
05 53 13 00-0023	SF	1-1/4" x 1/8" Steel, Pressure Locked Grating	33.49	1.26
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*5.08*	
		For 304 Stainless Steel, Add	*57.94*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*9.04*	
		For Crossbars At 2" On-Center, Add	*3.34*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.46*	
05 53 13 00-0024	SF	1-1/4" x 3/16" Steel, Pressure Locked Grating	45.70	1.26
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*7.08*	
		For 304 Stainless Steel, Add	*80.79*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*12.61*	
		For Crossbars At 2" On-Center, Add	*4.66*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0025	SF	1-1/2" x 1/8" Steel, Pressure Locked Grating	37.27	1.26
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*5.70*	
		For 304 Stainless Steel, Add	*65.02*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*10.15*	
		For Crossbars At 2" On-Center, Add	*3.75*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.56*	
05 53 13 00-0026	SF	1-1/2" x 3/16" Steel, Pressure Locked Grating	51.52	1.54
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*7.94*	
		For 304 Stainless Steel, Add	*90.61*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 7/16" On-Center, Add	*70.22*	
		For Bearing Bars At 15/16" On-Center, Add	*14.14*	
		For Crossbars At 2" On-Center, Add	*5.23*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.28*	
05 53 13 00-0027	SF	1-3/4" x 3/16" Steel, Pressure Locked Grating	56.80	1.54
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*8.81*	
		For 304 Stainless Steel, Add	*100.49*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*15.68*	
		For Crossbars At 2" On-Center, Add	*5.80*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.41*	
05 53 13 00-0028	SF	2" x 3/16" Steel, Pressure Locked Grating	61.11	1.54
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*9.52*	
		For 304 Stainless Steel, Add	*108.56*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*16.94*	
		For Crossbars At 2" On-Center, Add	*6.27*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.52*	
05 53 13 00-0029	SF	2-1/4" x 3/16" Steel, Pressure Locked Grating	65.24	1.54
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*10.19*	
		For 304 Stainless Steel, Add	*116.28*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*18.15*	
		For Crossbars At 2" On-Center, Add	*6.71*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.62*	
05 53 13 00-0030	SF	2-1/2" x 3/16" Steel, Pressure Locked Grating	68.81	1.54
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*10.78*	
		For 304 Stainless Steel, Add	*122.96*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*19.19*	
		For Crossbars At 2" On-Center, Add	*7.10*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.71*	

05 53 13 00-0031 Aluminum, Type 6063, Pressure Locked Grating *(05 53 13 00-0017)*

Note: Bearing bars at 1-3/16" on-center, crossbars at 4" on-center, bolted in place, and in all sizes.

05 53 13 00-0032	SF	3/4" x 1/8" Aluminum, Pressure Locked Grating	17.30	1.26
		For Bearing Bars At 15/16" On-Center, Add	*4.32*	
		For Crossbars At 2" On-Center, Add	*1.60*	
		For Set In Place Without Bolting, Deduct	*-2.06*	
		For Powder Coating, Add	*2.22*	
05 53 13 00-0033	SF	3/4" x 3/16" Aluminum, Pressure Locked Grating	23.36	1.26
		For Bearing Bars At 15/16" On-Center, Add	*6.09*	
		For Crossbars At 2" On-Center, Add	*2.25*	
		For Set In Place Without Bolting, Deduct	*-2.21*	
		For Powder Coating, Add	*3.13*	
05 53 13 00-0034	SF	1" x 1/8" Aluminum, Pressure Locked Grating	22.06	1.26
		For Bearing Bars At 15/16" On-Center, Add	*5.71*	
		For Crossbars At 2" On-Center, Add	*2.11*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.18*	
		For Powder Coating, Add	*2.93*	
05 53 13 00-0035	SF	1" x 3/16" Aluminum, Pressure Locked Grating	29.90	1.26
		For Bearing Bars At 7/16" On-Center, Add	*39.70*	
		For Bearing Bars At 15/16" On-Center, Add	*7.99*	
		For Crossbars At 2" On-Center, Add	*2.96*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.37*	
		For Powder Coating, Add	*4.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0036	SF	1-1/4" x 1/8" Aluminum, Pressure Locked Grating	25.51	1.26
		For Bearing Bars At 15/16" On-Center, Add	*6.71*	
		For Crossbars At 2" On-Center, Add	*2.48*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.26*	
		For Powder Coating, Add	*3.45*	
05 53 13 00-0037	SF	1-1/4" x 3/16" Aluminum, Pressure Locked Grating	34.05	1.26
		For Bearing Bars At 15/16" On-Center, Add	*9.21*	
		For Crossbars At 2" On-Center, Add	*3.41*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.48*	
		For Powder Coating, Add	*4.73*	
05 53 13 00-0038	SF	1-1/2" x 1/8" Aluminum, Pressure Locked Grating	28.75	1.26
		For Bearing Bars At 15/16" On-Center, Add	*7.66*	
		For Crossbars At 2" On-Center, Add	*2.83*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.34*	
		For Powder Coating, Add	*3.93*	
05 53 13 00-0039	SF	1-1/2" x 3/16" Aluminum, Pressure Locked Grating	38.33	1.26
		For Bearing Bars At 7/16" On-Center, Add	*51.92*	
		For Bearing Bars At 15/16" On-Center, Add	*10.46*	
		For Crossbars At 2" On-Center, Add	*3.87*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.58*	
		For Powder Coating, Add	*5.37*	
05 53 13 00-0040	SF	1-3/4" x 3/16" Aluminum, Pressure Locked Grating	42.43	1.26
		For Bearing Bars At 15/16" On-Center, Add	*11.65*	
		For Crossbars At 2" On-Center, Add	*4.31*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.69*	
		For Powder Coating, Add	*5.99*	
05 53 13 00-0041	SF	2" x 3/16" Aluminum, Pressure Locked Grating	47.29	1.26
		For Bearing Bars At 15/16" On-Center, Add	*13.07*	
		For Crossbars At 2" On-Center, Add	*4.84*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.81*	
		For Powder Coating, Add	*6.72*	
05 53 13 00-0042	SF	2-1/4" x 3/16" Aluminum, Pressure Locked Grating	51.11	1.26
		For Bearing Bars At 15/16" On-Center, Add	*14.19*	
		For Crossbars At 2" On-Center, Add	*5.25*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.90*	
		For Powder Coating, Add	*7.29*	
05 53 13 00-0043	SF	2-1/2" x 3/16" Aluminum, Pressure Locked Grating	55.65	1.26
		For Bearing Bars At 15/16" On-Center, Add	*15.51*	
		For Crossbars At 2" On-Center, Add	*5.74*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-3.02*	
		For Powder Coating, Add	*7.97*	

05 53 13 00-0044 Swage Locked Grating *(05 53 13)*

Note: Sizes are for height and width of bearing bars. Swage locked grating is an open grid grating where bearing bars are pre-punched to receive a cross bar without penetrating or cutting the top surface of the bearing bar. The cross bar is then inserted through the pre-punched hole and deformed by swaging or squeezing under hydraulic pressure to permanently lock the bars in place.

05 53 13 00-0045 Steel, Swage Locked Grating *(05 53 13 00-0044)*

Note: Bearing bars at 1-3/16" on-center, crossbars at 4" on-center, bolted or tack welded, unpainted steel, and in all sizes.

05 53 13 00-0046	SF	1" x 3/16" Steel, Swaged Grating	44.55	1.26
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*3.87*	
		For 304 Stainless Steel, Add	*69.69*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*26.90*	
		For Crossbars At 2" On-Center, Add	*3.36*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.74*	
05 53 13 00-0047	SF	1-1/4" x 3/16" Steel, Swaged Grating	49.73	1.26
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.34*	
		For 304 Stainless Steel, Add	*78.27*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*30.21*	
		For Crossbars At 2" On-Center, Add	*3.78*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.87*	
05 53 13 00-0048	SF	1-1/2" x 3/16" Steel, Swaged Grating	54.35	1.54
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.72*	
		For 304 Stainless Steel, Add	*84.99*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*32.81*	
		For Crossbars At 2" On-Center, Add	*4.10*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0049	SF	1-3/4" x 3/16" Steel, Swaged Grating	62.30	1.54
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*5.45*	
		For 304 Stainless Steel, Add	*98.17*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*37.89*	
		For Crossbars At 2" On-Center, Add	*4.74*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.55*	
05 53 13 00-0050	SF	2" x 3/16" Steel, Swaged Grating	70.28	1.54
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*6.18*	
		For 304 Stainless Steel, Add	*111.40*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*43.00*	
		For Crossbars At 2" On-Center, Add	*5.38*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.75*	
05 53 13 00-0051	SF	2-1/4" x 3/16" Steel, Swaged Grating	78.22	1.54
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*6.91*	
		For 304 Stainless Steel, Add	*124.57*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*48.08*	
		For Crossbars At 2" On-Center, Add	*6.01*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.95*	
05 53 13 00-0052	SF	2-1/2" x 3/16" Steel, Swaged Grating	86.20	1.54
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*7.65*	
		For 304 Stainless Steel, Add	*137.80*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*53.19*	
		For Crossbars At 2" On-Center, Add	*6.65*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-4.15*	
05 53 13 00-0053		Aluminum Grating, Type 6063, Swage Locked *(05 53 13 00-0044)*		
		Note: Bearing bars at 1-3/16" on-center, crossbars at 4" on-center, bolted in place, and in all sizes.		
05 53 13 00-0054	SF	1" x 1/8" Aluminum, Swaged Grating	20.39	1.26
		For Bearing Bars At 15/16" On-Center, Add	*11.44*	
		For Crossbars At 2" On-Center, Add	*1.43*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.14*	
		For Powder Coating, Add	*2.68*	
05 53 13 00-0055	SF	1" x 3/16" Aluminum, Swaged Grating	26.37	1.26
		For Bearing Bars At 15/16" On-Center, Add	*15.26*	
		For Crossbars At 2" On-Center, Add	*1.91*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.28*	
		For Powder Coating, Add	*3.58*	
05 53 13 00-0056	SF	1-1/4" x 1/8" Aluminum, Swaged Grating	23.08	1.26
		For Bearing Bars At 15/16" On-Center, Add	*13.16*	
		For Crossbars At 2" On-Center, Add	*1.64*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.20*	
		For Powder Coating, Add	*3.08*	
05 53 13 00-0057	SF	1-1/4" x 3/16" Aluminum, Swaged Grating	30.39	1.26
		For Bearing Bars At 15/16" On-Center, Add	*17.84*	
		For Crossbars At 2" On-Center, Add	*2.23*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.39*	
		For Powder Coating, Add	*4.18*	
05 53 13 00-0058	SF	1-1/2" x 1/8" Aluminum, Swaged Grating	26.26	1.26
		For Bearing Bars At 15/16" On-Center, Add	*15.19*	
		For Crossbars At 2" On-Center, Add	*1.90*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.28*	
		For Powder Coating, Add	*3.56*	
05 53 13 00-0059	SF	1-1/2" x 3/16" Aluminum, Swaged Grating	34.70	1.26
		For Bearing Bars At 15/16" On-Center, Add	*20.60*	
		For Crossbars At 2" On-Center, Add	*2.57*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.49*	
		For Powder Coating, Add	*4.83*	
05 53 13 00-0060	SF	1-3/4" x 3/16" Aluminum, Swaged Grating	39.66	1.26
		For Bearing Bars At 15/16" On-Center, Add	*23.77*	
		For Crossbars At 2" On-Center, Add	*2.97*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.62*	
		For Powder Coating, Add	*5.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0061	SF	2" x 3/16" Aluminum, Swaged Grating	44.60	1.26
		For Bearing Bars At 15/16" On-Center, Add	*26.93*	
		For Crossbars At 2" On-Center, Add	*3.37*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.74*	
		For Powder Coating, Add	*6.31*	
05 53 13 00-0062	SF	2-1/4" x 3/16" Aluminum, Swaged Grating	49.56	1.26
		For Bearing Bars At 15/16" On-Center, Add	*30.11*	
		For Crossbars At 2" On-Center, Add	*3.76*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.86*	
		For Powder Coating, Add	*7.06*	
05 53 13 00-0063	SF	2-1/2" x 3/16" Aluminum, Swaged Grating	54.50	1.26
		For Bearing Bars At 15/16" On-Center, Add	*33.27*	
		For Crossbars At 2" On-Center, Add	*4.16*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.99*	
		For Powder Coating, Add	*7.80*	

05 53 13 00-0064 Riveted Grating *(05 53 13)*

Note: Riveted grating is an open grid grating where bearing bars are pre-punched to receive a solid round rivet. Crimp/lacing bars are pre-punched as well and then formed into a reticulated shape. Bearing bars and crimp bars are then assembled and clamped in place by rivets which are cold driven under hydraulic pressure to permanently lock the assembly together.

05 53 13 00-0065 Steel, Riveted Grating *(05 53 13 00-0064)*

Note: 1" clear opening, bolted or tack welded in place, unpainted steel, all sizes.

05 53 13 00-0066	SF	3/4" x 1/8", 7.0 Lb./SF, Steel, Riveted Grating	84.72	1.26
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*3.95*	
		For 304 Stainless Steel, Add	*70.61*	
		For 5/8" Clear Opening, Add	*28.36*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.74*	
05 53 13 00-0067	SF	3/4" x 3/16", 8.5 Lb./SF, Steel, Riveted Grating	99.77	1.26
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.67*	
		For 304 Stainless Steel, Add	*83.54*	
		For 5/8" Clear Opening, Add	*33.55*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-4.12*	
05 53 13 00-0068	SF	1" x 1/8", 8.0 Lb./SF, Steel, Riveted Grating	91.65	1.26
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.28*	
		For 304 Stainless Steel, Add	*76.56*	
		For 5/8" Clear Opening, Add	*30.75*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.92*	
05 53 13 00-0069	SF	1" x 3/16", 9.5 Lb./SF, Steel, Riveted Grating	105.50	1.26
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.94*	
		For 304 Stainless Steel, Add	*88.46*	
		For 5/8" Clear Opening, Add	*35.53*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-4.26*	
05 53 13 00-0070	SF	1-1/4" x 1/8", 9.0 Lb./SF, Steel, Riveted Grating	97.39	1.26
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.55*	
		For 304 Stainless Steel, Add	*81.49*	
		For 5/8" Clear Opening, Add	*32.73*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-4.06*	
05 53 13 00-0071	SF	1-1/4" x 3/16", 11.1 Lb./SF, Steel, Riveted Grating	116.18	1.26
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*5.46*	
		For 304 Stainless Steel, Add	*97.63*	
		For 5/8" Clear Opening, Add	*39.21*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-4.53*	
05 53 13 00-0072	SF	1-1/2" x 1/8", 10.1 Lb./SF, Steel, Riveted Grating	103.48	1.54
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.82*	
		For 304 Stainless Steel, Add	*86.24*	
		For 5/8" Clear Opening, Add	*34.63*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-4.58*	
05 53 13 00-0073	SF	1-1/2" x 3/16", 12.5 Lb./SF, Steel, Riveted Grating	123.57	1.54
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*5.78*	
		For 304 Stainless Steel, Add	*103.49*	
		For 5/8" Clear Opening, Add	*41.57*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-5.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0074	SF	1-3/4" x 3/16", 14.0 Lb./SF, Steel, Riveted Grating	133.82	1.54
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*6.28*	
		For 304 Stainless Steel, Add	*112.30*	
		For 5/8" Clear Opening, Add	*45.10*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-5.34*	
05 53 13 00-0075	SF	2" x 3/16", 17.0 Lb./SF, Steel, Riveted Grating	156.71	1.54
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*7.37*	
		For 304 Stainless Steel, Add	*131.96*	
		For 5/8" Clear Opening, Add	*53.00*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-5.91*	
05 53 13 00-0076	SF	2-1/4" x 3/16", 18.5 Lb./SF, Steel, Riveted Grating	164.69	1.54
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*7.76*	
		For 304 Stainless Steel, Add	*138.81*	
		For 5/8" Clear Opening, Add	*55.75*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-6.11*	
05 53 13 00-0077	SF	2-1/2" x 3/16", 20.0 Lb./SF, Steel, Riveted Grating	171.79	1.54
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*8.10*	
		For 304 Stainless Steel, Add	*144.91*	
		For 5/8" Clear Opening, Add	*58.20*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-6.29*	

05 53 13 00-0078 Aluminum, Riveted Grating *(05 53 13 00-0064)*

Note: 1" clear opening, bolted in place and in all sizes.

05 53 13 00-0079	SF	3/4" x 1/8", 2.4 Lb./SF, Aluminum, Riveted Grating	43.32	1.26
		For 5/8" Clear Opening, Add	*14.08*	
		For Powder Coating, Add	*6.12*	
		For Set In Place Without Bolting, Deduct	*-2.71*	
05 53 13 00-0080	SF	3/4" x 3/16", 2.9 Lb./SF, Aluminum, Riveted Grating	51.39	1.26
		For 5/8" Clear Opening, Add	*16.86*	
		For Powder Coating, Add	*7.33*	
		For Set In Place Without Bolting, Deduct	*-2.91*	
05 53 13 00-0081	SF	1" x 1/8", 2.7 Lb./SF, Aluminum, Riveted Grating	47.63	1.26
		For 5/8" Clear Opening, Add	*15.56*	
		For Serrated Wear Surface, Add	*0.16*	
		For Powder Coating, Add	*6.77*	
		For Set In Place Without Bolting, Deduct	*-2.82*	
05 53 13 00-0082	SF	1" x 3/16", 3.2 Lb./SF, Aluminum, Riveted Grating	55.52	1.26
		For 5/8" Clear Opening, Add	*18.29*	
		For Serrated Wear Surface, Add	*0.16*	
		For Powder Coating, Add	*7.95*	
		For Set In Place Without Bolting, Deduct	*-3.01*	
05 53 13 00-0083	SF	1-1/4" x 1/8", 3.1 Lb./SF, Aluminum, Riveted Grating	53.40	1.26
		For 5/8" Clear Opening, Add	*17.55*	
		For Serrated Wear Surface, Add	*0.16*	
		For Powder Coating, Add	*7.63*	
		For Set In Place Without Bolting, Deduct	*-2.96*	
05 53 13 00-0084	SF	1-1/4" x 3/16", 3.8 Lb./SF, Aluminum, Riveted Grating	64.35	1.26
		For 5/8" Clear Opening, Add	*21.33*	
		For Serrated Wear Surface, Add	*0.16*	
		For Powder Coating, Add	*9.27*	
		For Set In Place Without Bolting, Deduct	*-3.23*	
05 53 13 00-0085	SF	1-1/2" x 1/8", 3.4 Lb./SF, Aluminum, Riveted Grating	57.35	1.26
		For 5/8" Clear Opening, Add	*18.92*	
		For Serrated Wear Surface, Add	*0.16*	
		For Powder Coating, Add	*8.22*	
		For Set In Place Without Bolting, Deduct	*-3.06*	
05 53 13 00-0086	SF	1-1/2" x 3/16", 4.3 Lb./SF, Aluminum, Riveted Grating	71.24	1.26
		For 5/8" Clear Opening, Add	*23.71*	
		For Serrated Wear Surface, Add	*0.16*	
		For Powder Coating, Add	*10.31*	
		For Set In Place Without Bolting, Deduct	*-3.41*	
05 53 13 00-0087	SF	1-3/4" x 3/16", 4.8 Lb./SF, Aluminum, Riveted Grating	78.53	1.26
		For 5/8" Clear Opening, Add	*26.22*	
		For Serrated Wear Surface, Add	*0.16*	
		For Powder Coating, Add	*11.40*	
		For Set In Place Without Bolting, Deduct	*-3.59*	
05 53 13 00-0088	SF	2" x 3/16", 5.8 Lb./SF, Aluminum, Riveted Grating	93.50	1.26
		For 5/8" Clear Opening, Add	*31.39*	
		For Serrated Wear Surface, Add	*0.16*	
		For Powder Coating, Add	*13.65*	
		For Set In Place Without Bolting, Deduct	*-3.96*	
05 53 13 00-0089	SF	2-1/4" x 3/16", 6.4 Lb./SF, Aluminum, Riveted Grating	101.99	1.26
		For 5/8" Clear Opening, Add	*34.32*	
		For Serrated Wear Surface, Add	*0.16*	
		For Powder Coating, Add	*14.92*	
		For Set In Place Without Bolting, Deduct	*-4.18*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0090	SF	2-1/2" x 3/16", 7.2 Lb./SF, Aluminum, Riveted Grating	113.38	1.26
		For 5/8" Clear Opening, Add	*38.25*	
		For Serrated Wear Surface, Add	*0.16*	
		For Powder Coating, Add	*16.63*	
		For Set In Place Without Bolting, Deduct	*-4.46*	

05 54 Metal Floor Plates *(05 50)*

05 54 00 00-0001 Steel Floor Plates *(05 54)*

05 54 00 00-0002	SF	16 Gauge Steel Raised Or Diamond Pattern Floor Plates	20.02	1.49
05 54 00 00-0003	SF	14 Gauge Steel Raised Or Diamond Pattern Floor Plates	22.91	1.49
05 54 00 00-0004	SF	12 Gauge Steel Raised Or Diamond Pattern Floor Plates	28.74	1.49
05 54 00 00-0005	SF	1/8" Steel Raised Or Diamond Pattern Floor Plates	38.47	1.60
05 54 00 00-0006	SF	1/4" Steel Raised Or Diamond Pattern Floor Plates	48.92	1.71

05 54 00 00-0007 Aluminum Alloy Floor Plates *(05 54)*

05 54 00 00-0008	SF	0.125" Aluminum Alloy Raised Or Diamond Pattern Floor Plate	31.12	1.26
		For Powder Coating, Add	*4.29*	
05 54 00 00-0009	SF	0.188" Aluminum Alloy Raised Or Diamond Pattern Floor Plate	35.71	1.49
		For Powder Coating, Add	*4.93*	
05 54 00 00-0010	SF	0.25" Aluminum Alloy Raised Or Diamond Pattern Floor Plate	40.31	1.60
		For Powder Coating, Add	*5.57*	

05 54 00 00-0011 Type 304 Stainless Steel Floor Plates *(05 54)*

05 54 00 00-0012	SF	1/8" Type 304 Stainless Steel Raised Or Diamond Pattern Floor Plate	39.31	1.71
05 54 00 00-0013	SF	3/16" Type 304 Stainless Steel Raised Or Diamond Pattern Floor Plate	46.99	1.95
05 54 00 00-0014	SF	1/4" Type 304 Stainless Raised Or Diamond Pattern Steel Floor Plate	60.87	2.29

05 54 00 00-0015 Perforated Plates (SlipNOT) *(05 54)*

05 54 00 00-0016	SF	1/4" Steel Perforated Plates Plates, Welded, 3/8" Diameter On 9/16" Staggered Centers	135.78	6.26

05 55 Metal Stair Treads and Nosings *(05 50)*

05 55 13 Metal Stair Treads *(05 55)*

05 55 13 00-0001 Abrasive Cast Aluminum Stair Treads *(05 55 13)*

Note: Includes abrasive diamond pattern surface and anchors. Excludes stringers.

05 55 13 00-0002	LF	8" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread	73.25	6.26
		For 3/8" Thick, Add	*15.81*	
05 55 13 00-0003	LF	9" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread	80.85	6.26
		For 3/8" Thick, Add	*17.71*	
05 55 13 00-0004	LF	10" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread	88.44	6.26
		For 3/8" Thick, Add	*19.61*	
05 55 13 00-0005	LF	11" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread	96.07	6.26
		For 3/8" Thick, Add	*21.51*	
05 55 13 00-0006	LF	12" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread	103.63	6.26
		For 3/8" Thick, Add	*23.40*	

05 55 13 00-0007 Abrasive Cast Iron Stair Treads *(05 55 13)*

Note: Includes abrasive diamond pattern surface and anchors. Excludes stringers.

05 55 13 00-0008	LF	8" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread	102.74	6.26
05 55 13 00-0009	LF	9" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread	114.01	6.26
05 55 13 00-0010	LF	10" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread	125.30	6.26
05 55 13 00-0011	LF	11" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread	136.56	6.26
05 55 13 00-0012	LF	12" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread	147.85	6.26

05 55 13 00-0013 Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Treads *(05 55 13)*

Note: Includes extruded aluminum base with diamond hard aluminum oxide abrasive filler/surface. Includes anchors. Excludes stringers.

05 55 13 00-0014	LF	6-1/2" Depth, 5/32" Thick, 1-1/16" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Tread	37.68	6.26
05 55 13 00-0015	LF	9" Depth, 5/32" Thick, 1-1/16" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Tread	44.57	6.26
05 55 13 00-0016	LF	11" Depth, 5/32" Thick, 1-1/16" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Tread	47.61	6.26

05 55 13 00-0017 Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Treads *(05 55 13)*

Note: Includes extruded aluminum base with diamond hard aluminum oxide abrasive filler/surface. Includes anchors. Excludes stringers.

05 55 13 00-0018	LF	8" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread	56.70	6.26
		For Epoxy Sealed For Corrosive Environment, Add	*4.78*	
		For Two Color Tread, Add	*3.59*	
05 55 13 00-0019	LF	9" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread	57.27	6.26
		For Epoxy Sealed For Corrosive Environment, Add	*4.78*	
		For Two Color Tread, Add	*3.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 55 13 00-0020	LF	11" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread	69.66	6.26
		For Epoxy Sealed For Corrosive Environment, Add	*4.78*	
		For Two Color Tread, Add	*3.59*	
05 55 13 00-0021	LF	12" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread	80.52	6.26
		For Epoxy Sealed For Corrosive Environment, Add	*4.78*	
		For Two Color Tread, Add	*3.59*	
05 55 13 00-0022	LF	15" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread	94.68	6.26
		For Epoxy Sealed For Corrosive Environment, Add	*4.78*	
		For Two Color Tread, Add	*3.59*	
05 55 13 00-0023		Stair Landing Treads *(05 55 13)*		
05 55 13 00-0024		Abrasive Cast Aluminum Stair Landing Treads *(05 55 13 00-0023)*		
		Note: Includes abrasive diamond pattern surface and anchors.		
05 55 13 00-0025	SF	5/16" Thick, Abrasive Cast Aluminum Landing Treads	103.63	6.26
		For 3/8" Thick, Add	*23.40*	
05 55 13 00-0026		Abrasive Cast Iron Stair Landing Treads *(05 55 13 00-0023)*		
		Note: Includes abrasive diamond pattern surface and anchors.		
05 55 13 00-0027	SF	3/8" Thick, Abrasive Cast Iron Landing Treads	147.85	6.26
05 55 13 00-0028		Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Landing Treads *(05 55 13 00-0023)*		
		Note: Includes extruded aluminum base with diamond hard aluminum oxide abrasive filler/surface. Includes anchors.		
05 55 13 00-0029	SF	9/32" Thick, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Landing Treads	95.92	6.26
		For Epoxy Sealed For Corrosive Environment, Add	*4.78*	
05 55 13 00-0030		Open Cast Iron Stair Tread *(05 55 13)*		
		Note: Includes steel stringers, safety nosing and 2 pipe handrail. Excludes landings.		
05 55 13 00-0031	RSR	3'-6" Wide, Open Cast Iron Stair Tread	699.94	45.78
		For Closed Riser, Add	*59.92*	
05 55 13 00-0032	RSR	4'-0" Wide, Open Cast Iron Stair Tread	785.71	52.65
		For Closed Riser, Add	*67.09*	
05 55 13 00-0033	RSR	5'-0" Wide, Open Cast Iron Stair Tread	865.87	61.81
		For Closed Riser, Add	*73.85*	
05 55 13 00-0034		Perforated Stair Tread (SlipNOT) *(05 55 13)*		
05 55 13 00-0035	LF	1/4" x 12 5/8" Steel Perforated Plates Treads, Welded, With 6-1/2" Riser And 2" Nosing	247.84	6.26
05 55 16		**Metal Stair Nosings** *(05 55)*		
05 55 16 00-0001		Abrasive Cast Aluminum Nosings *(05 55 16)*		
		Note: Includes abrasive diamond pattern surface and anchors.		
05 55 16 00-0002	LF	3" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Nosing	30.39	4.27
		For 3/8" Thick, Add	*5.89*	
05 55 16 00-0003	LF	4" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Nosing	37.73	4.27
		For 3/8" Thick, Add	*7.73*	
05 55 16 00-0004	LF	6" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Nosing	54.09	4.27
		For 3/8" Thick, Add	*11.82*	
05 55 16 00-0005		Abrasive Cast Iron Nosings *(05 55 16)*		
		Note: Includes abrasive diamond pattern surface and anchors.		
05 55 16 00-0006	LF	3" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Iron Nosing	35.75	4.27
		For 3/8" Thick, Add	*7.23*	
05 55 16 00-0007	LF	4" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Iron Nosing	44.79	4.27
		For 3/8" Thick, Add	*9.49*	
05 55 16 00-0008	LF	6" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Iron Nosing	62.66	4.27
		For 3/8" Thick, Add	*13.96*	
05 55 16 00-0009		Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosings *(05 55 16)*		
		Note: Includes extruded aluminum base with diamond hard aluminum oxide abrasive filler/surface. Includes anchors.		
05 55 16 00-0010	LF	1-7/8" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	25.42	4.27
05 55 16 00-0011	LF	3" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	28.96	4.27
05 55 16 00-0012	LF	4" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	31.66	4.27
05 55 16 00-0013	LF	6" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	40.05	4.27
05 55 16 00-0014	LF	1-7/8" Depth, 1/4" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	26.37	4.27
05 55 16 00-0015	LF	3" Depth, 1/4" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	29.39	4.27
05 55 16 00-0016	LF	4" Depth, 1/4" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	32.38	4.27
05 55 16 00-0017	LF	3" Depth, 1/4" Thick, 1-3/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	30.56	4.27
05 55 16 00-0018		Perforated Stair Nosing (SlipNOT) *(05 55 16)*		

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 55 16 00-0019	LF	1/4" x 2" Steel Nosings With 2" Bend, Welded, Nosings/Risers To Have (2) 1/2" Diameter	53.35	4.27
05 55 16 00-0020	LF	1/4" x 6" Steel Plates With 6-1/2" Bend, Welded, Nosings/Risers To Have (2) 1/2" Diameter	102.16	6.26

05 56 Metal Castings *(05 50)*

05 56 00 00-0001 Castings *(05 56)*

05 56 00 00-0002	LB	Up To 150 Lb., Miscellaneous Castings, Light Section	5.53	0.57
05 56 00 00-0003	LB	>150 Lb., Miscellaneous Castings, Heavy Section	9.43	0.46

05 58 Formed Metal Fabrications *(05 50)*

05 58 16 Formed Metal Enclosures *(05 58)*

05 58 16 00-0001 Drip Pan *(05 58 16)*

05 58 16 00-0002	SF	Stainless Steel Drip Pan	116.48	6.54
05 58 16 00-0003	SF	Galvanized Steel Drip Pan	115.05	6.54
05 58 16 00-0004	SF	Aluminum Drip Pan	80.64	5.23
05 58 16 00-0005	SF	Plastic Drip Pan	20.38	4.58

05 58 23 Formed Metal Guards *(05 58)*

05 58 23 00-0001 Protective Guard Rails *(05 58 23)*

Note: Includes painted finish.

05 58 23 00-0002 2-Rib, 11 Gauge Steel, Protective Guard Rails *(05 58 23 00-0001)*

Note: Steel King Armor Guard.

05 58 23 00-0003 Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rails *(05 58 23 00-0002)*

Note: Excludes posts. Includes fasteners.

05 58 23 00-0004	EA	1' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	211.45	20.50
05 58 23 00-0005	EA	2' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	249.48	20.50
05 58 23 00-0006	EA	3' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	285.35	20.50
05 58 23 00-0007	EA	4' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	323.38	20.50
05 58 23 00-0008	EA	5' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	359.45	20.50
05 58 23 00-0009	EA	6' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	406.22	20.50
05 58 23 00-0010	EA	7' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	438.08	20.50
05 58 23 00-0011	EA	8' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	487.41	20.50
05 58 23 00-0012	EA	9' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	519.78	20.50
05 58 23 00-0013	EA	10' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	542.91	20.50

05 58 23 00-0014 Posts For 2-Rib Guard Rails *(05 58 23 00-0002)*

Note: Includes drilling, surface mounting plate and anchors.

05 58 23 00-0015	EA	12" Height, Single Rail Post For 2-Rib Guard Rails	422.52	42.71
05 58 23 00-0016	EA	42" Height, Triple Rail Post For 2-Rib Guard Rails	554.59	42.71

05 58 23 00-0017 3-Rib, 11 Gauge Steel, Protective Guard Rails *(05 58 23 00-0001)*

Note: Steel King Steel Guard.

05 58 23 00-0018 Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rails *(05 58 23 00-0017)*

Note: Excludes posts. Includes fasteners.

05 58 23 00-0019	EA	1' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	234.37	20.50
05 58 23 00-0020	EA	2' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	259.65	20.50
05 58 23 00-0021	EA	3' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	291.21	20.50
05 58 23 00-0022	EA	4' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	320.70	20.50
05 58 23 00-0023	EA	5' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	354.83	20.50
05 58 23 00-0024	EA	6' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	371.27	20.50
05 58 23 00-0025	EA	7' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	410.84	20.50
05 58 23 00-0026	EA	8' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	444.24	20.50
05 58 23 00-0027	EA	9' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	479.70	20.50
05 58 23 00-0028	EA	10' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	515.67	20.50

05 58 23 00-0029 Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rails *(05 58 23 00-0017)*

Note: Excludes posts. Includes fasteners and lift-out mounting plate.

05 58 23 00-0030	EA	1' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	348.15	20.50
05 58 23 00-0031	EA	2' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	375.90	20.50
05 58 23 00-0032	EA	3' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	404.67	20.50
05 58 23 00-0033	EA	4' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	438.08	20.50
05 58 23 00-0034	EA	5' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	471.48	20.50
05 58 23 00-0035	EA	6' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	498.72	20.50
05 58 23 00-0036	EA	7' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	530.06	20.50
05 58 23 00-0037	EA	8' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	565.52	20.50
05 58 23 00-0038	EA	9' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	603.55	20.50
05 58 23 00-0039	EA	10' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	636.95	20.50

05 58 23 00-0040 Posts For 3-Rib Guard Rails *(05 58 23 00-0017)*

Note: Includes drilling, surface mounting plate and anchors.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 58 23 00-0041	EA	18" Height, Single Rail Post For 3-Rib Guard Rails	369.90	42.71
05 58 23 00-0042	EA	42" Height, Double Rail Post For 3-Rib Guard Rails	476.99	42.71
05 58 23 00-0043		All-Welded, Protective Guards *(05 58 23)*		
		Note: Surface mounted inverted-U style protective barriers. Includes painted finish, drilling, surface mounting plate and anchors.		
05 58 23 00-0044		All-Welded, Protective Guards *(05 58 23 00-0043)*		
05 58 23 00-0045	EA	36" Length, 9" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	482.34	56.94
05 58 23 00-0046	EA	48" Length, 9" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	508.03	56.94
05 58 23 00-0047	EA	36" Length, 16" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	522.94	56.94
05 58 23 00-0048	EA	48" Length, 16" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	545.03	56.94
05 58 23 00-0049	EA	36" Length, 24" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	539.89	56.94
05 58 23 00-0050	EA	48" Length, 24" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	567.13	56.94
05 58 23 00-0051	EA	36" Length, 36" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	574.84	56.94
05 58 23 00-0052	EA	48" Length, 36" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	583.57	56.94
05 58 23 00-0053	EA	48" Length, 42" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	625.20	56.94
05 58 23 00-0054		Corner Style, All-Welded, Protective Guards *(05 58 23 00-0043)*		
05 58 23 00-0055	EA	24" Length, 24" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard	641.64	56.94
05 58 23 00-0056	EA	30" Length, 24" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard	672.48	56.94
05 58 23 00-0057	EA	24" Length, 36" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard	685.32	56.94
05 58 23 00-0058	EA	30" Length, 36" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard	748.53	56.94
05 58 23 00-0059		Warehouse Safety Bollards *(05 58 23)*		
		Note: Includes painted finish, drilling, surface mounting plate and anchors.		
05 58 23 00-0060	EA	24" Height, 4-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard	297.20	42.71
05 58 23 00-0061	EA	36" Height, 4-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard	347.97	42.71
05 58 23 00-0062	EA	42" Height, 4-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard	401.72	42.71
05 58 23 00-0063	EA	36" Height, 5-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard	416.42	42.71
05 58 23 00-0064	EA	42" Height, 5-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard	450.34	42.71

05 59 Metal Specialties *(05 50)*

05 59 65 Metal Chain *(05 59)*

05 59 65 00-0001		Alloy Steel Chain, Self Colored, Cut Length *(05 59 65)*		
		Note: Includes all connecting links, double clevis mid-Links, slip or grab hooks, or shackles as required.		
05 59 65 00-0002	LF	3/16" Diameter Alloy Steel Chain, Cut Length, Self Colored	6.51	1.11
		For Plastic Dipped, Add	*0.64*	
05 59 65 00-0003	LF	1/4" Diameter Alloy Steel Chain, Cut Length, Self Colored	8.48	1.48
		For Plastic Dipped, Add	*0.83*	
05 59 65 00-0004	LF	3/8" Diameter Alloy Steel Chain, Cut Length, Self Colored	13.35	2.95
		For Plastic Dipped, Add	*1.12*	
05 59 65 00-0005	LF	1/2" Diameter Alloy Steel Chain, Cut Length, Self Colored	21.40	4.98
		For Plastic Dipped, Add	*1.72*	
05 59 65 00-0006	LF	5/8" Diameter Alloy Steel Chain, Cut Length, Self Colored	36.13	8.41
		For Plastic Dipped, Add	*2.90*	
05 59 65 00-0007	LF	3/4" Diameter Alloy Steel Chain, Cut Length, Self Colored	50.71	11.80
		For Plastic Dipped, Add	*4.07*	
05 59 65 00-0008	LF	7/8" Diameter Alloy Steel Chain, Cut Length, Self Colored	69.24	14.75
		For Plastic Dipped, Add	*5.96*	
05 59 65 00-0009	LF	1" Diameter Alloy Steel Chain, Cut Length, Self Colored	100.27	19.67
		For Plastic Dipped, Add	*9.14*	
05 59 65 00-0010	LF	1-1/4" Diameter Alloy Steel Chain, Cut Length, Self Colored	163.27	29.51
		For Plastic Dipped, Add	*15.64*	
05 59 65 00-0011		316L Stainless Steel Chain, Cut Length *(05 59 65)*		
05 59 65 00-0012	CLF	1/8" Diameter 316L Stainless Steel Chain, Cut Length	2,820.40	98.32
05 59 65 00-0013	CLF	3/16" Diameter 316L Stainless Steel Chain, Cut Length	3,470.81	118.03
05 59 65 00-0014	CLF	9/32" Diameter 316L Stainless Steel Chain, Cut Length	4,350.78	147.53
05 59 65 00-0015	CLF	5/16" Diameter 316L Stainless Steel Chain, Cut Length	5,877.78	196.76
05 59 65 00-0016	CLF	3/8" Diameter 316L Stainless Steel Chain, Cut Length	6,683.87	295.07
05 59 65 00-0017	CLF	1/2" Diameter 316L Stainless Steel Chain, Cut Length	10,085.23	491.83

05 59 69 Metal Panels *(05 59)*

05 59 69 00-0001		Woven And Welded Wire Cloth *(05 59 69)*
		Note: Excludes frame and fastening to frame. See CSI section 05 05 21 00-0004 for spot welding.
05 59 69 00-0002		Plain Steel Woven And Welded Wire Cloth Panels *(05 59 69 00-0001)*
05 59 69 00-0003		2" Square Wire Spacing *(05 59 69 00-0002)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0004	SF	0.12" Thick Wire, 2" Spacing, 0.44 Lb./SF, Woven And Welded Wire Cloth Panels	10.09	3.15
		For Up To 2, Add	*2.86*	
		For >2 To 6, Add	*1.64*	
		For >15 To 40, Deduct	*-0.29*	
		For >40, Deduct	*-0.88*	
		For Galvanized, Add	*2.59*	
		For Aluminum, Add	*3.53*	
		For 304 Stainless Steel, Add	*14.14*	
		For 316 Stainless Steel, Add	*16.20*	
05 59 69 00-0005	SF	0.135" Thick Wire, 2" Spacing, 0.55 Lb./SF, Woven And Welded Wire Cloth Panels	10.85	3.28
		For Up To 2, Add	*3.05*	
		For >2 To 6, Add	*1.74*	
		For >15 To 40, Deduct	*-0.32*	
		For >40, Deduct	*-0.97*	
		For Galvanized, Add	*2.85*	
		For Aluminum, Add	*3.88*	
		For 304 Stainless Steel, Add	*15.53*	
		For 316 Stainless Steel, Add	*17.79*	
05 59 69 00-0006	SF	0.148" Thick Wire, 2" Spacing, 0.65 Lb./SF, Woven And Welded Wire Cloth Panels	11.54	3.64
		For Up To 2, Add	*3.28*	
		For >2 To 6, Add	*1.88*	
		For >15 To 40, Deduct	*-0.33*	
		For >40, Deduct	*-1.00*	
		For Galvanized, Add	*2.94*	
		For Aluminum, Add	*4.01*	
		For 304 Stainless Steel, Add	*16.06*	
		For 316 Stainless Steel, Add	*18.40*	
05 59 69 00-0007	SF	0.162" Thick Wire, 2" Spacing, 0.78 Lb./SF, Woven And Welded Wire Cloth Panels	12.17	3.79
		For Up To 2, Add	*3.44*	
		For >2 To 6, Add	*1.97*	
		For >15 To 40, Deduct	*-0.36*	
		For >40, Deduct	*-1.07*	
		For Galvanized, Add	*3.13*	
		For Aluminum, Add	*4.27*	
		For 304 Stainless Steel, Add	*17.09*	
		For 316 Stainless Steel, Add	*19.58*	
05 59 69 00-0008	SF	0.177" Thick Wire, 2" Spacing, 0.92 Lb./SF, Woven And Welded Wire Cloth Panels	13.31	4.25
		For Up To 2, Add	*3.80*	
		For >2 To 6, Add	*2.18*	
		For >15 To 40, Deduct	*-0.38*	
		For >40, Deduct	*-1.15*	
		For Galvanized, Add	*3.36*	
		For Aluminum, Add	*4.58*	
		For 304 Stainless Steel, Add	*18.34*	
		For 316 Stainless Steel, Add	*21.01*	
05 59 69 00-0009	SF	0.192" Thick Wire, 2" Spacing, 1.08 Lb./SF, Woven And Welded Wire Cloth Panels	15.28	4.73
		For Up To 2, Add	*4.32*	
		For >2 To 6, Add	*2.47*	
		For >15 To 40, Deduct	*-0.45*	
		For >40, Deduct	*-1.35*	
		For Galvanized, Add	*3.95*	
		For Aluminum, Add	*5.38*	
		For 304 Stainless Steel, Add	*21.53*	
		For 316 Stainless Steel, Add	*24.67*	
05 59 69 00-0010	SF	0.207" Thick Wire, 2" Spacing, 1.25 Lb./SF, Woven And Welded Wire Cloth Panels	17.33	5.21
		For Up To 2, Add	*4.85*	
		For >2 To 6, Add	*2.77*	
		For >15 To 40, Deduct	*-0.52*	
		For >40, Deduct	*-1.56*	
		For Galvanized, Add	*4.57*	
		For Aluminum, Add	*6.23*	
		For 304 Stainless Steel, Add	*24.94*	
		For 316 Stainless Steel, Add	*28.57*	
05 59 69 00-0011	SF	0.225" Thick Wire, 2" Spacing, 1.46 Lb./SF, Woven And Welded Wire Cloth Panels	19.83	5.78
		For Up To 2, Add	*5.51*	
		For >2 To 6, Add	*3.14*	
		For >15 To 40, Deduct	*-0.61*	
		For >40, Deduct	*-1.82*	
		For Galvanized, Add	*5.34*	
		For Aluminum, Add	*7.28*	
		For 304 Stainless Steel, Add	*29.11*	
		For 316 Stainless Steel, Add	*33.36*	

05 59 69 00-0012 1-3/4" Square Wire Spacing *(05 59 69 00-0002)*

05 59 69 00-0013	SF	0.12" Thick Wire, 1-3/4" Spacing, 0.49 Lb./SF, Woven And Welded Wire Cloth Panels	10.59	3.34
		For Up To 2, Add	*3.01*	
		For >2 To 6, Add	*1.73*	
		For >15 To 40, Deduct	*-0.31*	
		For >40, Deduct	*-0.92*	
		For Galvanized, Add	*2.70*	
		For Aluminum, Add	*3.68*	
		For 304 Stainless Steel, Add	*14.74*	
		For 316 Stainless Steel, Add	*16.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0014	SF	0.135" Thick Wire, 1-3/4" Spacing, 0.62 Lb./SF, Woven And Welded Wire Cloth Panels	11.65	3.51
		For Up To 2, Add	*3.27*	
		For >2 To 6, Add	*1.87*	
		For >15 To 40, Deduct	*-0.35*	
		For >40, Deduct	*-1.04*	
		For Galvanized, Add	*3.06*	
		For Aluminum, Add	*4.17*	
		For 304 Stainless Steel, Add	*16.68*	
		For 316 Stainless Steel, Add	*19.11*	
05 59 69 00-0015	SF	0.148" Thick Wire, 1-3/4" Spacing, 0.74 Lb./SF, Woven And Welded Wire Cloth Panels	12.53	3.95
		For Up To 2, Add	*3.56*	
		For >2 To 6, Add	*2.04*	
		For >15 To 40, Deduct	*-0.36*	
		For >40, Deduct	*-1.09*	
		For Galvanized, Add	*3.19*	
		For Aluminum, Add	*4.36*	
		For 304 Stainless Steel, Add	*17.42*	
		For 316 Stainless Steel, Add	*19.97*	
05 59 69 00-0016	SF	0.162" Thick Wire, 1-3/4" Spacing, 0.88 Lb./SF, Woven And Welded Wire Cloth Panels	13.08	4.07
		For Up To 2, Add	*3.70*	
		For >2 To 6, Add	*2.12*	
		For >15 To 40, Deduct	*-0.38*	
		For >40, Deduct	*-1.15*	
		For Galvanized, Add	*3.37*	
		For Aluminum, Add	*4.59*	
		For 304 Stainless Steel, Add	*18.36*	
		For 316 Stainless Steel, Add	*21.04*	
05 59 69 00-0017	SF	0.177" Thick Wire, 1-3/4" Spacing, 1.04 Lb./SF, Woven And Welded Wire Cloth Panels	14.32	4.57
		For Up To 2, Add	*4.08*	
		For >2 To 6, Add	*2.35*	
		For >15 To 40, Deduct	*-0.41*	
		For >40, Deduct	*-1.23*	
		For Galvanized, Add	*3.62*	
		For Aluminum, Add	*4.94*	
		For 304 Stainless Steel, Add	*19.75*	
		For 316 Stainless Steel, Add	*22.63*	
05 59 69 00-0018	SF	0.192" Thick Wire, 1-3/4" Spacing, 1.22 Lb./SF, Woven And Welded Wire Cloth Panels	16.45	5.10
		For Up To 2, Add	*4.65*	
		For >2 To 6, Add	*2.67*	
		For >15 To 40, Deduct	*-0.48*	
		For >40, Deduct	*-1.45*	
		For Galvanized, Add	*4.25*	
		For Aluminum, Add	*5.79*	
		For 304 Stainless Steel, Add	*23.16*	
		For 316 Stainless Steel, Add	*26.54*	
05 59 69 00-0019	SF	0.207" Thick Wire, 1-3/4" Spacing, 1.41 Lb./SF, Woven And Welded Wire Cloth Panels	18.62	5.60
		For Up To 2, Add	*5.22*	
		For >2 To 6, Add	*2.98*	
		For >15 To 40, Deduct	*-0.56*	
		For >40, Deduct	*-1.67*	
		For Galvanized, Add	*4.91*	
		For Aluminum, Add	*6.70*	
		For 304 Stainless Steel, Add	*26.78*	
		For 316 Stainless Steel, Add	*30.69*	
05 59 69 00-0020	SF	0.225" Thick Wire, 1-3/4" Spacing, 1.65 Lb./SF, Woven And Welded Wire Cloth Panels	21.36	6.22
		For Up To 2, Add	*5.93*	
		For >2 To 6, Add	*3.38*	
		For >15 To 40, Deduct	*-0.65*	
		For >40, Deduct	*-1.96*	
		For Galvanized, Add	*5.75*	
		For Aluminum, Add	*7.84*	
		For 304 Stainless Steel, Add	*31.34*	
		For 316 Stainless Steel, Add	*35.92*	

05 59 69 00-0021 1-1/2" Square Wire Spacing *(05 59 69 00-0002)*

05 59 69 00-0022	SF	0.12" Thick Wire, 1-1/2" Spacing, 0.57 Lb./SF, Woven And Welded Wire Cloth Panels	11.73	3.71
		For Up To 2, Add	*3.33*	
		For >2 To 6, Add	*1.91*	
		For >15 To 40, Deduct	*-0.34*	
		For >40, Deduct	*-1.02*	
		For Galvanized, Add	*2.99*	
		For Aluminum, Add	*4.08*	
		For 304 Stainless Steel, Add	*16.32*	
		For 316 Stainless Steel, Add	*18.70*	
05 59 69 00-0023	SF	0.135" Thick Wire, 1-1/2" Spacing, 0.72 Lb./SF, Woven And Welded Wire Cloth Panels	12.88	3.90
		For Up To 2, Add	*3.62*	
		For >2 To 6, Add	*2.07*	
		For >15 To 40, Deduct	*-0.38*	
		For >40, Deduct	*-1.15*	
		For Galvanized, Add	*3.38*	
		For Aluminum, Add	*4.61*	
		For 304 Stainless Steel, Add	*18.43*	
		For 316 Stainless Steel, Add	*21.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0024	SF	0.148" Thick Wire, 1-1/2" Spacing, 0.85 Lb./SF, Woven And Welded Wire Cloth Panels	13.70	4.32
		For Up To 2, Add	*3.89*	
		For >2 To 6, Add	*2.23*	
		For >15 To 40, Deduct	*-0.40*	
		For >40, Deduct	*-1.19*	
		For Galvanized, Add	*3.49*	
		For Aluminum, Add	*4.76*	
		For 304 Stainless Steel, Add	*19.06*	
		For 316 Stainless Steel, Add	*21.84*	
05 59 69 00-0025	SF	0.162" Thick Wire, 1-1/2" Spacing, 1.02 Lb./SF, Woven And Welded Wire Cloth Panels	14.44	4.50
		For Up To 2, Add	*4.09*	
		For >2 To 6, Add	*2.34*	
		For >15 To 40, Deduct	*-0.42*	
		For >40, Deduct	*-1.27*	
		For Galvanized, Add	*3.71*	
		For Aluminum, Add	*5.06*	
		For 304 Stainless Steel, Add	*20.26*	
		For 316 Stainless Steel, Add	*23.21*	
05 59 69 00-0026	SF	0.177" Thick Wire, 1-1/2" Spacing, 1.2 Lb./SF, Woven And Welded Wire Cloth Panels	15.75	5.02
		For Up To 2, Add	*4.49*	
		For >2 To 6, Add	*2.58*	
		For >15 To 40, Deduct	*-0.45*	
		For >40, Deduct	*-1.36*	
		For Galvanized, Add	*3.98*	
		For Aluminum, Add	*5.42*	
		For 304 Stainless Steel, Add	*21.70*	
		For 316 Stainless Steel, Add	*24.86*	
05 59 69 00-0027	SF	0.192" Thick Wire, 1-1/2" Spacing, 1.4 Lb./SF, Woven And Welded Wire Cloth Panels	17.97	5.57
		For Up To 2, Add	*5.08*	
		For >2 To 6, Add	*2.91*	
		For >15 To 40, Deduct	*-0.53*	
		For >40, Deduct	*-1.58*	
		For Galvanized, Add	*4.64*	
		For Aluminum, Add	*6.33*	
		For 304 Stainless Steel, Add	*25.32*	
		For 316 Stainless Steel, Add	*29.01*	
05 59 69 00-0028	SF	0.207" Thick Wire, 1-1/2" Spacing, 1.62 Lb./SF, Woven And Welded Wire Cloth Panels	20.37	6.12
		For Up To 2, Add	*5.71*	
		For >2 To 6, Add	*3.26*	
		For >15 To 40, Deduct	*-0.61*	
		For >40, Deduct	*-1.83*	
		For Galvanized, Add	*5.37*	
		For Aluminum, Add	*7.33*	
		For 304 Stainless Steel, Add	*29.30*	
		For 316 Stainless Steel, Add	*33.58*	
05 59 69 00-0029	SF	0.225" Thick Wire, 1-1/2" Spacing, 1.89 Lb./SF, Woven And Welded Wire Cloth Panels	23.28	6.79
		For Up To 2, Add	*6.46*	
		For >2 To 6, Add	*3.68*	
		For >15 To 40, Deduct	*-0.71*	
		For >40, Deduct	*-2.14*	
		For Galvanized, Add	*6.27*	
		For Aluminum, Add	*8.54*	
		For 304 Stainless Steel, Add	*34.18*	
		For 316 Stainless Steel, Add	*39.16*	
05 59 69 00-0030		1-1/4" Square Wire Spacing *(05 59 69 00-0002)*		
05 59 69 00-0031	SF	0.105" Thick Wire, 1-1/4" Spacing, 0.52 Lb./SF, Woven And Welded Wire Cloth Panels	12.01	4.00
		For Up To 2, Add	*3.47*	
		For >2 To 6, Add	*2.00*	
		For >15 To 40, Deduct	*-0.33*	
		For >40, Deduct	*-1.00*	
		For Galvanized, Add	*2.93*	
		For Aluminum, Add	*4.00*	
		For 304 Stainless Steel, Add	*15.98*	
		For 316 Stainless Steel, Add	*18.32*	
05 59 69 00-0032	SF	0.12" Thick Wire, 1-1/4" Spacing, 0.68 Lb./SF, Woven And Welded Wire Cloth Panels	12.98	4.20
		For Up To 2, Add	*3.72*	
		For >2 To 6, Add	*2.14*	
		For >15 To 40, Deduct	*-0.37*	
		For >40, Deduct	*-1.11*	
		For Galvanized, Add	*3.24*	
		For Aluminum, Add	*4.42*	
		For 304 Stainless Steel, Add	*17.69*	
		For 316 Stainless Steel, Add	*20.27*	
05 59 69 00-0033	SF	0.135" Thick Wire, 1-1/4" Spacing, 0.85 Lb./SF, Woven And Welded Wire Cloth Panels	14.09	4.38
		For Up To 2, Add	*3.99*	
		For >2 To 6, Add	*2.29*	
		For >15 To 40, Deduct	*-0.41*	
		For >40, Deduct	*-1.24*	
		For Galvanized, Add	*3.63*	
		For Aluminum, Add	*4.95*	
		For 304 Stainless Steel, Add	*19.80*	
		For 316 Stainless Steel, Add	*22.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0034	SF	0.148" Thick Wire, 1-1/4" Spacing, 1.01 Lb./SF, Woven And Welded Wire Cloth Panels	14.52	4.46
		For Up To 2, Add	*4.09*	
		For >2 To 6, Add	*2.34*	
		For >15 To 40, Deduct	*-0.43*	
		For >40, Deduct	*-1.29*	
		For Galvanized, Add	*3.77*	
		For Aluminum, Add	*5.14*	
		For 304 Stainless Steel, Add	*20.57*	
		For 316 Stainless Steel, Add	*23.57*	
05 59 69 00-0035	SF	0.162" Thick Wire, 1-1/4" Spacing, 1.2 Lb./SF, Woven And Welded Wire Cloth Panels	15.75	5.04
		For Up To 2, Add	*4.49*	
		For >2 To 6, Add	*2.58*	
		For >15 To 40, Deduct	*-0.45*	
		For >40, Deduct	*-1.35*	
		For Galvanized, Add	*3.97*	
		For Aluminum, Add	*5.42*	
		For 304 Stainless Steel, Add	*21.67*	
		For 316 Stainless Steel, Add	*24.83*	
05 59 69 00-0036	SF	0.177" Thick Wire, 1-1/4" Spacing, 1.42 Lb./SF, Woven And Welded Wire Cloth Panels	17.74	5.67
		For Up To 2, Add	*5.06*	
		For >2 To 6, Add	*2.91*	
		For >15 To 40, Deduct	*-0.51*	
		For >40, Deduct	*-1.53*	
		For Galvanized, Add	*4.48*	
		For Aluminum, Add	*6.11*	
		For 304 Stainless Steel, Add	*24.46*	
		For 316 Stainless Steel, Add	*28.02*	
05 59 69 00-0037	SF	0.192" Thick Wire, 1-1/4" Spacing, 1.65 Lb./SF, Woven And Welded Wire Cloth Panels	20.18	6.25
		For Up To 2, Add	*5.70*	
		For >2 To 6, Add	*3.27*	
		For >15 To 40, Deduct	*-0.59*	
		For >40, Deduct	*-1.78*	
		For Galvanized, Add	*5.21*	
		For Aluminum, Add	*7.10*	
		For 304 Stainless Steel, Add	*28.42*	
		For 316 Stainless Steel, Add	*32.56*	
05 59 69 00-0038	SF	0.207" Thick Wire, 1-1/4" Spacing, 1.9 Lb./SF, Woven And Welded Wire Cloth Panels	22.75	6.84
		For Up To 2, Add	*6.37*	
		For >2 To 6, Add	*3.64*	
		For >15 To 40, Deduct	*-0.68*	
		For >40, Deduct	*-2.05*	
		For Galvanized, Add	*6.00*	
		For Aluminum, Add	*8.18*	
		For 304 Stainless Steel, Add	*32.74*	
		For 316 Stainless Steel, Add	*37.51*	
05 59 69 00-0039	SF	0.225" Thick Wire, 1-1/4" Spacing, 2.22 Lb./SF, Woven And Welded Wire Cloth Panels	26.06	7.59
		For Up To 2, Add	*7.24*	
		For >2 To 6, Add	*4.12*	
		For >15 To 40, Deduct	*-0.80*	
		For >40, Deduct	*-2.39*	
		For Galvanized, Add	*7.01*	
		For Aluminum, Add	*9.56*	
		For 304 Stainless Steel, Add	*38.26*	
		For 316 Stainless Steel, Add	*43.84*	

05 59 69 00-0040 1" Square Wire Spacing *(05 59 69 00-0002)*

05 59 69 00-0041	SF	0.105" Thick Wire, 1" Spacing, 0.64 Lb./SF, Woven And Welded Wire Cloth Panels	13.70	4.70
		For Up To 2, Add	*3.99*	
		For >2 To 6, Add	*2.31*	
		For >15 To 40, Deduct	*-0.37*	
		For >40, Deduct	*-1.12*	
		For Galvanized, Add	*3.28*	
		For Aluminum, Add	*4.47*	
		For 304 Stainless Steel, Add	*17.88*	
		For 316 Stainless Steel, Add	*20.49*	
05 59 69 00-0042	SF	0.12" Thick Wire, 1" Spacing, 0.83 Lb./SF, Woven And Welded Wire Cloth Panels	14.69	4.88
		For Up To 2, Add	*4.24*	
		For >2 To 6, Add	*2.45*	
		For >15 To 40, Deduct	*-0.41*	
		For >40, Deduct	*-1.23*	
		For Galvanized, Add	*3.60*	
		For Aluminum, Add	*4.91*	
		For 304 Stainless Steel, Add	*19.63*	
		For 316 Stainless Steel, Add	*22.50*	
05 59 69 00-0043	SF	0.135" Thick Wire, 1" Spacing, 1.04 Lb./SF, Woven And Welded Wire Cloth Panels	15.30	5.10
		For Up To 2, Add	*4.42*	
		For >2 To 6, Add	*2.55*	
		For >15 To 40, Deduct	*-0.42*	
		For >40, Deduct	*-1.27*	
		For Galvanized, Add	*3.74*	
		For Aluminum, Add	*5.09*	
		For 304 Stainless Steel, Add	*20.38*	
		For 316 Stainless Steel, Add	*23.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0044	SF	0.148" Thick Wire, 1" Spacing, 1.23 Lb./SF, Woven And Welded Wire Cloth Panels	16.40	5.17
		For Up To 2, Add	*4.66*	
		For >2 To 6, Add	*2.68*	
		For >15 To 40, Deduct	*-0.47*	
		For >40, Deduct	*-1.42*	
		For Galvanized, Add	*4.18*	
		For Aluminum, Add	*5.69*	
		For 304 Stainless Steel, Add	*22.78*	
		For 316 Stainless Steel, Add	*26.10*	
05 59 69 00-0045	SF	0.162" Thick Wire, 1" Spacing, 1.46 Lb./SF, Woven And Welded Wire Cloth Panels	18.24	5.83
		For Up To 2, Add	*5.20*	
		For >2 To 6, Add	*2.99*	
		For >15 To 40, Deduct	*-0.52*	
		For >40, Deduct	*-1.57*	
		For Galvanized, Add	*4.60*	
		For Aluminum, Add	*6.28*	
		For 304 Stainless Steel, Add	*25.10*	
		For 316 Stainless Steel, Add	*28.77*	
05 59 69 00-0046	SF	0.177" Thick Wire, 1" Spacing, 1.72 Lb./SF, Woven And Welded Wire Cloth Panels	20.47	6.53
		For Up To 2, Add	*5.84*	
		For >2 To 6, Add	*3.35*	
		For >15 To 40, Deduct	*-0.59*	
		For >40, Deduct	*-1.76*	
		For Galvanized, Add	*5.17*	
		For Aluminum, Add	*7.06*	
		For 304 Stainless Steel, Add	*28.22*	
		For 316 Stainless Steel, Add	*32.34*	
05 59 69 00-0047	SF	0.192" Thick Wire, 1" Spacing, 2.01 Lb./SF, Woven And Welded Wire Cloth Panels	23.41	7.25
		For Up To 2, Add	*6.62*	
		For >2 To 6, Add	*3.79*	
		For >15 To 40, Deduct	*-0.69*	
		For >40, Deduct	*-2.06*	
		For Galvanized, Add	*6.05*	
		For Aluminum, Add	*8.24*	
		For 304 Stainless Steel, Add	*32.98*	
		For 316 Stainless Steel, Add	*37.79*	
05 59 69 00-0048	SF	0.207" Thick Wire, 1" Spacing, 2.31 Lb./SF, Woven And Welded Wire Cloth Panels	26.34	7.92
		For Up To 2, Add	*7.38*	
		For >2 To 6, Add	*4.22*	
		For >15 To 40, Deduct	*-0.79*	
		For >40, Deduct	*-2.37*	
		For Galvanized, Add	*6.95*	
		For Aluminum, Add	*9.47*	
		For 304 Stainless Steel, Add	*37.90*	
		For 316 Stainless Steel, Add	*43.42*	
05 59 69 00-0049	SF	0.225" Thick Wire, 1" Spacing, 2.69 Lb./SF, Woven And Welded Wire Cloth Panels	30.06	8.76
		For Up To 2, Add	*8.35*	
		For >2 To 6, Add	*4.76*	
		For >15 To 40, Deduct	*-0.92*	
		For >40, Deduct	*-2.76*	
		For Galvanized, Add	*8.09*	
		For Aluminum, Add	*11.03*	
		For 304 Stainless Steel, Add	*44.14*	
		For 316 Stainless Steel, Add	*50.57*	
05 59 69 00-0050		3/4" Square Wire Spacing *(05 59 69 00-0002)*		
05 59 69 00-0051	SF	0.105" Thick Wire, 3/4" Spacing, 0.83 Lb./SF, Woven And Welded Wire Cloth Panels	13.87	4.68
		For Up To 2, Add	*4.02*	
		For >2 To 6, Add	*2.32*	
		For >15 To 40, Deduct	*-0.38*	
		For >40, Deduct	*-1.14*	
		For Galvanized, Add	*3.36*	
		For Aluminum, Add	*4.58*	
		For 304 Stainless Steel, Add	*18.31*	
		For 316 Stainless Steel, Add	*20.98*	
05 59 69 00-0052	SF	0.12" Thick Wire, 3/4" Spacing, 1.07 Lb./SF, Woven And Welded Wire Cloth Panels	15.49	5.26
		For Up To 2, Add	*4.50*	
		For >2 To 6, Add	*2.60*	
		For >15 To 40, Deduct	*-0.42*	
		For >40, Deduct	*-1.27*	
		For Galvanized, Add	*3.74*	
		For Aluminum, Add	*5.09*	
		For 304 Stainless Steel, Add	*20.38*	
		For 316 Stainless Steel, Add	*23.35*	
05 59 69 00-0053	SF	0.135" Thick Wire, 3/4" Spacing, 1.33 Lb./SF, Woven And Welded Wire Cloth Panels	17.14	5.94
		For Up To 2, Add	*5.01*	
		For >2 To 6, Add	*2.90*	
		For >15 To 40, Deduct	*-0.46*	
		For >40, Deduct	*-1.39*	
		For Galvanized, Add	*4.07*	
		For Aluminum, Add	*5.54*	
		For 304 Stainless Steel, Add	*22.18*	
		For 316 Stainless Steel, Add	*25.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0054	SF	0.148" Thick Wire, 3/4" Spacing, 1.58 Lb./SF, Woven And Welded Wire Cloth Panels	18.54	6.32
		For Up To 2, Add	*5.40*	
		For >2 To 6, Add	*3.12*	
		For >15 To 40, Deduct	*-0.51*	
		For >40, Deduct	*-1.52*	
		For Galvanized, Add	*4.44*	
		For Aluminum, Add	*6.06*	
		For 304 Stainless Steel, Add	*24.24*	
		For 316 Stainless Steel, Add	*27.78*	
05 59 69 00-0055	SF	0.162" Thick Wire, 3/4" Spacing, 1.87 Lb./SF, Woven And Welded Wire Cloth Panels	21.45	7.12
		For Up To 2, Add	*6.19*	
		For >2 To 6, Add	*3.57*	
		For >15 To 40, Deduct	*-0.60*	
		For >40, Deduct	*-1.79*	
		For Galvanized, Add	*5.26*	
		For Aluminum, Add	*7.18*	
		For 304 Stainless Steel, Add	*28.70*	
		For 316 Stainless Steel, Add	*32.89*	
05 59 69 00-0056	SF	0.177" Thick Wire, 3/4" Spacing, 2.2 Lb./SF, Woven And Welded Wire Cloth Panels	24.68	7.96
		For Up To 2, Add	*7.06*	
		For >2 To 6, Add	*4.06*	
		For >15 To 40, Deduct	*-0.70*	
		For >40, Deduct	*-2.11*	
		For Galvanized, Add	*6.19*	
		For Aluminum, Add	*8.44*	
		For 304 Stainless Steel, Add	*33.77*	
		For 316 Stainless Steel, Add	*38.69*	
05 59 69 00-0057	SF	0.192" Thick Wire, 3/4" Spacing, 2.56 Lb./SF, Woven And Welded Wire Cloth Panels	28.10	8.79
		For Up To 2, Add	*7.97*	
		For >2 To 6, Add	*4.57*	
		For >15 To 40, Deduct	*-0.82*	
		For >40, Deduct	*-2.46*	
		For Galvanized, Add	*7.20*	
		For Aluminum, Add	*9.82*	
		For 304 Stainless Steel, Add	*39.29*	
		For 316 Stainless Steel, Add	*45.02*	
05 59 69 00-0058	SF	0.207" Thick Wire, 3/4" Spacing, 2.93 Lb./SF, Woven And Welded Wire Cloth Panels	31.49	9.57
		For Up To 2, Add	*8.85*	
		For >2 To 6, Add	*5.06*	
		For >15 To 40, Deduct	*-0.94*	
		For >40, Deduct	*-2.81*	
		For Galvanized, Add	*8.25*	
		For Aluminum, Add	*11.24*	
		For 304 Stainless Steel, Add	*44.98*	
		For 316 Stainless Steel, Add	*51.54*	
05 59 69 00-0059	SF	0.225" Thick Wire, 3/4" Spacing, 3.41 Lb./SF, Woven And Welded Wire Cloth Panels	35.91	10.57
		For Up To 2, Add	*10.00*	
		For >2 To 6, Add	*5.71*	
		For >15 To 40, Deduct	*-1.09*	
		For >40, Deduct	*-3.27*	
		For Galvanized, Add	*9.60*	
		For Aluminum, Add	*13.09*	
		For 304 Stainless Steel, Add	*52.34*	
		For 316 Stainless Steel, Add	*59.98*	

05 59 69 00-0060 1/2" Square Wire Spacing *(05 59 69 00-0002)*

05 59 69 00-0061	SF	0.105" Thick Wire, 1/2" Spacing, 1.18 Lb./SF, Woven And Welded Wire Cloth Panels	14.50	5.01
		For Up To 2, Add	*4.24*	
		For >2 To 6, Add	*2.45*	
		For >15 To 40, Deduct	*-0.39*	
		For >40, Deduct	*-1.17*	
		For Galvanized, Add	*3.44*	
		For Aluminum, Add	*4.69*	
		For 304 Stainless Steel, Add	*18.74*	
		For 316 Stainless Steel, Add	*21.48*	
05 59 69 00-0062	SF	0.12" Thick Wire, 1/2" Spacing, 1.51 Lb./SF, Woven And Welded Wire Cloth Panels	16.96	6.09
		For Up To 2, Add	*5.02*	
		For >2 To 6, Add	*2.92*	
		For >15 To 40, Deduct	*-0.44*	
		For >40, Deduct	*-1.32*	
		For Galvanized, Add	*3.88*	
		For Aluminum, Add	*5.29*	
		For 304 Stainless Steel, Add	*21.17*	
		For 316 Stainless Steel, Add	*24.26*	
05 59 69 00-0063	SF	0.135" Thick Wire, 1/2" Spacing, 1.88 Lb./SF, Woven And Welded Wire Cloth Panels	20.49	7.21
		For Up To 2, Add	*6.02*	
		For >2 To 6, Add	*3.49*	
		For >15 To 40, Deduct	*-0.54*	
		For >40, Deduct	*-1.63*	
		For Galvanized, Add	*4.79*	
		For Aluminum, Add	*6.53*	
		For 304 Stainless Steel, Add	*26.11*	
		For 316 Stainless Steel, Add	*29.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0064	SF	0.148" Thick Wire, 1/2" Spacing, 2.22 Lb./SF, Woven And Welded Wire Cloth Panels	23.63	8.09
		For Up To 2, Add	*6.88*	
		For >2 To 6, Add	*3.98*	
		For >15 To 40, Deduct	*-0.64*	
		For >40, Deduct	*-1.93*	
		For Galvanized, Add	*5.65*	
		For Aluminum, Add	*7.71*	
		For 304 Stainless Steel, Add	*30.84*	
		For 316 Stainless Steel, Add	*35.34*	
05 59 69 00-0065	SF	0.162" Thick Wire, 1/2" Spacing, 2.61 Lb./SF, Woven And Welded Wire Cloth Panels	27.15	9.03
		For Up To 2, Add	*7.84*	
		For >2 To 6, Add	*4.52*	
		For >15 To 40, Deduct	*-0.76*	
		For >40, Deduct	*-2.27*	
		For Galvanized, Add	*6.65*	
		For Aluminum, Add	*9.07*	
		For 304 Stainless Steel, Add	*36.26*	
		For 316 Stainless Steel, Add	*41.55*	
05 59 69 00-0066	SF	0.177" Thick Wire, 1/2" Spacing, 3.06 Lb./SF, Woven And Welded Wire Cloth Panels	31.13	10.06
		For Up To 2, Add	*8.91*	
		For >2 To 6, Add	*5.13*	
		For >15 To 40, Deduct	*-0.89*	
		For >40, Deduct	*-2.66*	
		For Galvanized, Add	*7.79*	
		For Aluminum, Add	*10.63*	
		For 304 Stainless Steel, Add	*42.50*	
		For 316 Stainless Steel, Add	*48.70*	
05 59 69 00-0067	SF	0.192" Thick Wire, 1/2" Spacing, 3.54 Lb./SF, Woven And Welded Wire Cloth Panels	35.23	11.06
		For Up To 2, Add	*9.99*	
		For >2 To 6, Add	*5.73*	
		For >15 To 40, Deduct	*-1.02*	
		For >40, Deduct	*-3.07*	
		For Galvanized, Add	*9.02*	
		For Aluminum, Add	*12.29*	
		For 304 Stainless Steel, Add	*49.18*	
		For 316 Stainless Steel, Add	*56.35*	
05 59 69 00-0068	SF	0.207" Thick Wire, 1/2" Spacing, 4.04 Lb./SF, Woven And Welded Wire Cloth Panels	39.37	11.99
		For Up To 2, Add	*11.07*	
		For >2 To 6, Add	*6.33*	
		For >15 To 40, Deduct	*-1.17*	
		For >40, Deduct	*-3.51*	
		For Galvanized, Add	*10.29*	
		For Aluminum, Add	*14.03*	
		For 304 Stainless Steel, Add	*56.14*	
		For 316 Stainless Steel, Add	*64.32*	
05 59 69 00-0069	SF	0.225" Thick Wire, 1/2" Spacing, 4.68 Lb./SF, Woven And Welded Wire Cloth Panels	40.98	13.20
		For Up To 2, Add	*11.71*	
		For >2 To 6, Add	*6.74*	
		For >15 To 40, Deduct	*-1.17*	
		For >40, Deduct	*-3.51*	
		For Galvanized, Add	*10.29*	
		For Aluminum, Add	*14.03*	
		For 304 Stainless Steel, Add	*56.14*	
		For 316 Stainless Steel, Add	*64.32*	

05 59 69 00-0070 Expanded Metal Panels *(05 59 69)*

Note: Excludes frame and fastening to frame. See CSI section 05 05 21 00-0004 for spot welding.

05 59 69 00-0071 Plain Flattened Expanded Metal Diamond Shape Panels *(05 59 69 00-0070)*

Note: Excludes frame and fastening to frame. See CSI section 05 05 21 00-0004 for spot welding.

05 59 69 00-0072	SF	1/4" #20-F Plain Expanded Metal Panel, 0.82 Lb./SF	10.33	4.32
		For Galvanized, Add	*2.01*	
		For Aluminum, Add	*2.74*	
		For 304 Stainless Steel, Add	*10.97*	
		For 316 Stainless Steel, Add	*12.57*	
05 59 69 00-0073	SF	1/4" #18-F Plain Expanded Metal Panel, 1.08 Lb./SF	12.77	4.73
		For Galvanized, Add	*2.84*	
		For Aluminum, Add	*3.88*	
		For 304 Stainless Steel, Add	*15.50*	
		For 316 Stainless Steel, Add	*17.77*	
05 59 69 00-0074	SF	1/2" #20-F Plain Expanded Metal Panel, 0.40 Lb./SF	7.52	3.34
		For Galvanized, Add	*1.35*	
		For Aluminum, Add	*1.84*	
		For 304 Stainless Steel, Add	*7.37*	
		For 316 Stainless Steel, Add	*8.44*	
05 59 69 00-0075	SF	1/2" #18-F Plain Expanded Metal Panel, 0.66 Lb./SF	8.21	3.64
		For Galvanized, Add	*1.48*	
		For Aluminum, Add	*2.02*	
		For 304 Stainless Steel, Add	*8.06*	
		For 316 Stainless Steel, Add	*9.24*	
05 59 69 00-0076	SF	1/2" #16-F Plain Expanded Metal Panel, 0.82 Lb./SF	9.35	4.32
		For Galvanized, Add	*1.58*	
		For Aluminum, Add	*2.15*	
		For 304 Stainless Steel, Add	*8.62*	
		For 316 Stainless Steel, Add	*9.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0077	SF	1/2" #13-F Plain Expanded Metal Panel, 1.4 Lb./SF	11.98	5.57
		For Galvanized, Add	*2.01*	
		For Aluminum, Add	*2.74*	
		For 304 Stainless Steel, Add	*10.94*	
		For 316 Stainless Steel, Add	*12.54*	
05 59 69 00-0078	SF	3/4" #16-F Plain Expanded Metal Panel, 0.51 Lb./SF	6.67	3.28
		For Galvanized, Add	*1.01*	
		For Aluminum, Add	*1.37*	
		For 304 Stainless Steel, Add	*5.50*	
		For 316 Stainless Steel, Add	*6.30*	
05 59 69 00-0079	SF	3/4" #14-F Plain Expanded Metal Panel, 0.63 Lb./SF	7.43	3.51
		For Galvanized, Add	*1.20*	
		For Aluminum, Add	*1.64*	
		For 304 Stainless Steel, Add	*6.55*	
		For 316 Stainless Steel, Add	*7.51*	
05 59 69 00-0080	SF	3/4" #13-F Plain Expanded Metal Panel, 0.75 Lb./SF	8.46	3.95
		For Galvanized, Add	*1.40*	
		For Aluminum, Add	*1.91*	
		For 304 Stainless Steel, Add	*7.66*	
		For 316 Stainless Steel, Add	*8.77*	
05 59 69 00-0081	SF	3/4" #9-F Plain Expanded Metal Panel, 1.50 Lb./SF	13.42	6.53
		For Galvanized, Add	*2.07*	
		For Aluminum, Add	*2.83*	
		For 304 Stainless Steel, Add	*11.30*	
		For 316 Stainless Steel, Add	*12.95*	
05 59 69 00-0082	SF	1" #16-F Plain Expanded Metal Panel, 0.41 Lb./SF	7.57	4.00
		For Galvanized, Add	*0.98*	
		For Aluminum, Add	*1.33*	
		For 304 Stainless Steel, Add	*5.33*	
		For 316 Stainless Steel, Add	*6.11*	
05 59 69 00-0083	SF	1-1/2" #16-F Plain Expanded Metal Panel, 0.38 Lb./SF	6.43	3.15
		For Galvanized, Add	*0.98*	
		For Aluminum, Add	*1.34*	
		For 304 Stainless Steel, Add	*5.35*	
		For 316 Stainless Steel, Add	*6.13*	
05 59 69 00-0084	SF	1-1/2" #13-F Plain Expanded Metal Panel, 0.57 Lb./SF	7.44	3.71
		For Galvanized, Add	*1.10*	
		For Aluminum, Add	*1.51*	
		For 304 Stainless Steel, Add	*6.02*	
		For 316 Stainless Steel, Add	*6.90*	
05 59 69 00-0085	SF	1-1/2" #9-F Plain Expanded Metal Panel, 1.14 Lb./SF	11.32	5.01
		For Galvanized, Add	*2.04*	
		For Aluminum, Add	*2.78*	
		For 304 Stainless Steel, Add	*11.11*	
		For 316 Stainless Steel, Add	*12.73*	

05 70 Decorative Metal *(05)*

Note: Includes anchors and related accessories.

05 71 Decorative Metal Stairs *(05 70)*

05 71 13 Fabricated Metal Spiral Stairs *(05 71)*

Note: Includes factory prime.

05 71 13 00-0001 Spiral Stairs, Stock Units *(05 71 13)*

Note: Includes factory prime.

05 71 13 00-0002 Steel Tread *(05 71 13 00-0001)*

05 71 13 00-0003	VLF	3'-6" Diameter, Spiral Steel Stair With Rails	460.04	57.23
		For Galvanized, Add	*241.91*	
05 71 13 00-0004	VLF	4' Diameter, Spiral Steel Stair With Rails	523.73	62.96
		For Galvanized, Add	*278.47*	
05 71 13 00-0005	VLF	4'-6" Diameter, Spiral Steel Stair With Rails	579.38	68.68
		For Galvanized, Add	*309.41*	
05 71 13 00-0006	VLF	5' Diameter, Spiral Steel Stair With Rails	620.96	74.40
		For Galvanized, Add	*330.51*	

05 73 Decorative Metal Railings *(05 70)*

Note: Factory primed. Includes brackets.

05 73 23 Decorative Metal Railings *(05 73)*

05 73 23 00-0001 Railings; Vertical Square Bars At 6" *(05 73 23)*

Note: Centers with shaped top rails (round, square, rectangular, diamond, triangular or other shape).

05 73 23 00-0002	LF	Steel Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High	78.01	12.59
		For Rake Or Angle Railings, Add	*10.93*	
		For Curved Railings, Add	*20.43*	
		For 4" On Center Standards, Add	*2.05*	
		For 4-1/2" On Center Standards, Add	*1.64*	
		For 5" On Center Standards, Add	*1.09*	
		For 5-1/2" On Center Standards, Add	*0.55*	
		For Each Field Bending Of Rails, Add	*15.18*	
		For Galvanized, Add	*3.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 73 23 00-0003	LF	Aluminum Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High	182.43	17.17
		For Rake Or Angle Railings, Add	*19.99*	
		For Curved Railings, Add	*63.42*	
		For 4" On Center Standards, Add	*8.45*	
		For 4-1/2" On Center Standards, Add	*6.76*	
		For 5" On Center Standards, Add	*4.51*	
		For 5-1/2" On Center Standards, Add	*2.25*	
		For Each Field Bending Of Rails, Add	*19.94*	
05 73 23 00-0004	LF	Bronze Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High	195.71	28.61
		For Rake Or Angle Railings, Add	*24.40*	
		For Curved Railings, Add	*59.75*	
		For 4" On Center Standards, Add	*7.12*	
		For 4-1/2" On Center Standards, Add	*5.70*	
		For 5" On Center Standards, Add	*3.80*	
		For 5-1/2" On Center Standards, Add	*1.90*	
		For Each Field Bending Of Rails, Add	*27.68*	
05 73 23 00-0005	LF	Stainless Steel Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High	299.04	22.90
		For Rake Or Angle Railings, Add	*30.34*	
		For Curved Railings, Add	*110.80*	
		For 4" On Center Standards, Add	*15.46*	
		For 4-1/2" On Center Standards, Add	*12.36*	
		For 5" On Center Standards, Add	*8.24*	
		For 5-1/2" On Center Standards, Add	*4.12*	
		For Each Field Bending Of Rails, Add	*25.74*	
05 73 23 00-0006	LF	Black Wrought Iron Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High	419.29	34.91
		For Rake Or Angle Railings, Add	*35.63*	
		For Curved Railings, Add	*174.72*	
		For 4" On Center Standards, Add	*26.21*	
		For 4-1/2" On Center Standards, Add	*20.97*	
		For 5" On Center Standards, Add	*13.98*	
		For 5-1/2" On Center Standards, Add	*6.99*	
		For Each Field Bending Of Rails, Add	*19.96*	

05 73 23 00-0007 Laminated Metal Or Wood Handrails With Metal Supports *(05 73 23)*

05 73 23 00-0008	LF	2-1/2" Laminated Metal Or Wood Handrail Round/Oval Shape With Metal Supports	178.59	5.72
		For Rake Or Angle Railings, Add	*14.11*	
		For Curved Railings, Add	*77.43*	
		For 4" On Center Standards, Add	*11.87*	
		For 4-1/2" On Center Standards, Add	*9.49*	
		For 5" On Center Standards, Add	*6.33*	
		For 5-1/2" On Center Standards, Add	*3.16*	
		For Each Field Bending Of Rails, Add	*7.59*	
		For Exterior Post-Installed Anchors, Add	*10.75*	

05 73 23 00-0009 Plain Handrails *(05 73 23)*

05 73 23 00-0010	LF	2" Brass Handrail	61.58	12.35
05 73 23 00-0011	EA	90 Degree Angle For 2" Brass Handrail	127.15	45.30
05 73 23 00-0012	EA	End Cap For 2" Brass Handrail	57.26	22.71
05 73 23 00-0013	EA	Brass Bracket And Joint For 2" Brass Handrail	95.87	45.30
05 73 23 00-0014	LF	2" Stainless Steel Handrail	73.12	15.44

05 73 23 00-0015 Restoration Of Existing Metal Handrail And Railing *(05 73 23)*

Note: Task includes rust removal by grinding, cleaning, surface prep and one coat of protective primer. See CSI section 09 91 13 00-0382 for painting.

05 73 23 00-0016	LF	Refinish Metal Handrail	11.29	
05 73 23 00-0017	LF	Refinish Wrought Iron Balustrade	11.24	

05 73 23 00-0018 Remove And Reinstall Ornamental Railing *(05 73 23)*

05 73 23 00-0019	LF	Removal And Reinstallation Of Ornamental Handrail And Pickets	105.31	

05 75 Decorative Formed Metal *(05 70)*

05 75 00 00-0001 Metal Sheets, Installed On Walls *(05 75)*

Note: Includes field fabrication (bending) where noted.

05 75 00 00-0002 Copper Sheets, Installed On Walls *(05 75 00 00-0001)*

Note: Includes field fabrication.

05 75 00 00-0003	SF	0.0162" (12 Ounce) Thick Copper Sheet, Installed On Walls	27.18	2.22
		For >16 To 200, Deduct	*-1.53*	
		For >200 To 500, Deduct	*-3.05*	
		For >500, Deduct	*-4.41*	
05 75 00 00-0004	SF	0.0215" (16 Ounce) Thick Copper Sheet, Installed On Walls	34.01	2.48
		For >16 To 200, Deduct	*-1.89*	
		For >200 To 500, Deduct	*-3.77*	
		For >500, Deduct	*-5.47*	
05 75 00 00-0005	SF	0.0242" (18 Ounce) Thick Copper Sheet, Installed On Walls	37.24	2.68
		For >16 To 200, Deduct	*-2.06*	
		For >200 To 500, Deduct	*-4.13*	
		For >500, Deduct	*-5.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 75 00 00-0006	SF	0.027" (20 Ounce) Thick Copper Sheet, Installed On Walls	40.23	2.81
		For >16 To 200, Deduct	*-2.22*	
		For >200 To 500, Deduct	*-4.45*	
		For >500, Deduct	*-6.46*	
05 75 00 00-0007	SF	0.0323" (24 Ounce) Thick Copper Sheet, Installed On Walls	45.92	2.94
		For >16 To 200, Deduct	*-2.52*	
		For >200 To 500, Deduct	*-5.03*	
		For >500, Deduct	*-7.33*	
05 75 00 00-0008	SF	0.0431" (32 Ounce) Thick Copper Sheet, Installed On Walls	58.32	3.08
		For >16 To 200, Deduct	*-3.15*	
		For >200 To 500, Deduct	*-6.29*	
		For >500, Deduct	*-9.21*	
05 75 00 00-0009	SF	0.052" (40 Ounce) Thick Copper Sheet, Installed On Walls	68.42	3.22
		For >16 To 200, Deduct	*-3.66*	
		For >200 To 500, Deduct	*-7.32*	
		For >500, Deduct	*-10.75*	
05 75 00 00-0010	SF	0.0646" (48 Ounce) Thick Copper Sheet, Installed On Walls	82.92	3.48
		For >16 To 200, Deduct	*-4.41*	
		For >200 To 500, Deduct	*-8.81*	
		For >500, Deduct	*-12.96*	
05 75 00 00-0011	SF	0.08" Thick Copper Sheet, Installed On Walls	101.96	3.75
		For >16 To 200, Deduct	*-5.38*	
		For >200 To 500, Deduct	*-10.76*	
		For >500, Deduct	*-15.86*	
05 75 00 00-0012	SF	0.125" Thick Copper Sheet, Installed On Walls	150.03	4.02
		For >16 To 200, Deduct	*-7.80*	
		For >200 To 500, Deduct	*-15.61*	
		For >500, Deduct	*-23.11*	

05 75 00 00-0013 Stainless Steel Sheets, Installed On Walls *(05 75 00 00-0001)*

Note: Includes field fabrication.

05 75 00 00-0014	SF	0.026" Thick (24 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	14.72	2.55
		For >16 To 200, Deduct	*-0.93*	
		For >200 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.59*	
05 75 00 00-0015	SF	0.0312" Thick (22 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	16.60	2.75
		For >16 To 200, Deduct	*-1.04*	
		For >200 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.90*	
05 75 00 00-0016	SF	0.0375" Thick (20 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	18.02	2.89
		For >16 To 200, Deduct	*-1.12*	
		For >200 To 500, Deduct	*-2.24*	
		For >500, Deduct	*-3.14*	
05 75 00 00-0017	SF	0.050" Thick (18 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	20.95	3.02
		For >16 To 200, Deduct	*-1.27*	
		For >200 To 500, Deduct	*-2.55*	
		For >500, Deduct	*-3.60*	
05 75 00 00-0018	SF	0.0625" Thick (16 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	23.80	3.16
		For >16 To 200, Deduct	*-1.43*	
		For >200 To 500, Deduct	*-2.86*	
		For >500, Deduct	*-4.05*	
05 75 00 00-0019	SF	0.078" Thick (14 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	27.38	3.30
		For >16 To 200, Deduct	*-1.62*	
		For >200 To 500, Deduct	*-3.23*	
		For >500, Deduct	*-4.60*	
05 75 00 00-0020	SF	0.125" Thick (11 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	39.00	3.85
		For >16 To 200, Deduct	*-2.24*	
		For >200 To 500, Deduct	*-4.48*	
		For >500, Deduct	*-6.43*	
05 75 00 00-0021	SF	3/16" Thick (7 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	52.25	4.09
		For >16 To 200, Deduct	*-2.92*	
		For >200 To 500, Deduct	*-5.84*	
		For >500, Deduct	*-8.45*	
05 75 00 00-0022	SF	1/4" Thick (3 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	71.26	4.95
		For >16 To 200, Deduct	*-3.93*	
		For >200 To 500, Deduct	*-7.87*	
		For >500, Deduct	*-11.43*	
05 75 00 00-0023	SF	3/8" Thick 304 Brushed Stainless Steel Sheet, Installed On Walls	117.84	5.32
		For >16 To 200, Deduct	*-6.29*	
		For >200 To 500, Deduct	*-12.58*	
		For >500, Deduct	*-18.47*	
05 75 00 00-0024	SF	1/2" Thick 304 Brushed Stainless Steel Sheet, Installed On Walls	150.50	6.18
		For >16 To 200, Deduct	*-7.99*	
		For >200 To 500, Deduct	*-15.98*	
		For >500, Deduct	*-23.50*	

05 75 00 00-0025 Aluminum Sheets, Installed On Walls *(05 75 00 00-0001)*

Note: Includes field fabrication.

05 75 00 00-0026	SF	0.016" Thick (26 Gauge) Aluminum Sheet, Installed On Walls	10.98	2.22
		For >16 To 200, Deduct	*-0.72*	
		For >200 To 500, Deduct	*-1.43*	
		For >500, Deduct	*-1.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 75 00 00-0027	SF	0.020" Thick (24 Gauge) Aluminum Sheet, Installed On Walls	12.50	2.48
		For >16 To 200, Deduct	*-0.81*	
		For >200 To 500, Deduct	*-1.62*	
		For >500, Deduct	*-2.25*	
05 75 00 00-0028	SF	0.025" Thick (22 Gauge) Aluminum Sheet, Installed On Walls	13.98	2.68
		For >16 To 200, Deduct	*-0.90*	
		For >200 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.50*	
05 75 00 00-0029	SF	0.032" Thick (20 Gauge) Aluminum Sheet, Installed On Walls	15.54	2.81
		For >16 To 200, Deduct	*-0.99*	
		For >200 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.75*	
05 75 00 00-0030	SF	0.040" Thick (18 Gauge) Aluminum Sheet, Installed On Walls	17.10	2.94
		For >16 To 200, Deduct	*-1.08*	
		For >200 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-3.01*	
05 75 00 00-0031	SF	0.050" Thick (16 Gauge) Aluminum Sheet, Installed On Walls	18.83	3.08
		For >16 To 200, Deduct	*-1.17*	
		For >200 To 500, Deduct	*-2.35*	
		For >500, Deduct	*-3.29*	
05 75 00 00-0032	SF	0.064" Thick (14 Gauge) Aluminum Sheet, Installed On Walls	20.95	3.22
		For >16 To 200, Deduct	*-1.29*	
		For >200 To 500, Deduct	*-2.58*	
		For >500, Deduct	*-3.63*	
05 75 00 00-0033	SF	0.090" Thick (11 Gauge) Aluminum Sheet, Installed On Walls	24.94	3.75
		For >16 To 200, Deduct	*-1.53*	
		For >200 To 500, Deduct	*-3.06*	
		For >500, Deduct	*-4.30*	

05 75 00 00-0034 Galvanized Steel Sheets, Installed On Walls *(05 75 00 00-0001)*

Note: Includes field fabrication.

05 75 00 00-0035	SF	0.0217" (26 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	9.44	2.22
		For >16 To 200, Deduct	*-0.64*	
		For >200 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.75*	
05 75 00 00-0036	SF	0.0276" (24 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	10.47	2.48
		For >16 To 200, Deduct	*-0.71*	
		For >200 To 500, Deduct	*-1.42*	
		For >500, Deduct	*-1.94*	
05 75 00 00-0037	SF	0.0336" (22 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	11.14	2.68
		For >16 To 200, Deduct	*-0.76*	
		For >200 To 500, Deduct	*-1.52*	
		For >500, Deduct	*-2.07*	
05 75 00 00-0038	SF	0.0396" (20 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	11.82	2.81
		For >16 To 200, Deduct	*-0.80*	
		For >200 To 500, Deduct	*-1.60*	
		For >500, Deduct	*-2.20*	
05 75 00 00-0039	SF	0.0516" (18 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	12.72	2.94
		For >16 To 200, Deduct	*-0.86*	
		For >200 To 500, Deduct	*-1.71*	
		For >500, Deduct	*-2.35*	
05 75 00 00-0040	SF	0.0635" (16 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	13.69	3.08
		For >16 To 200, Deduct	*-0.92*	
		For >200 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.52*	
05 75 00 00-0041	SF	0.0785" (14 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	15.23	3.22
		For >16 To 200, Deduct	*-1.00*	
		For >200 To 500, Deduct	*-2.01*	
		For >500, Deduct	*-2.77*	
05 75 00 00-0042	SF	0.1084" (12 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	17.45	3.48
		For >16 To 200, Deduct	*-1.13*	
		For >200 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-3.14*	
05 75 00 00-0043	SF	0.1382" (10 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	20.12	4.02
		For >16 To 200, Deduct	*-1.31*	
		For >200 To 500, Deduct	*-2.62*	
		For >500, Deduct	*-3.62*	

05 75 00 00-0044 Galvanized Zinc-Plated Steel Sheets, Installed On Walls *(05 75 00 00-0001)*

Note: Includes field fabrication.

05 75 00 00-0045	SF	0.013" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls	12.23	2.11
		For >16 To 200, Deduct	*-0.82*	
		For >200 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-2.26*	
05 75 00 00-0046	SF	0.016" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls	14.11	2.39
		For >16 To 200, Deduct	*-0.94*	
		For >200 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.60*	
05 75 00 00-0047	SF	0.019" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls	15.97	2.65
		For >16 To 200, Deduct	*-1.06*	
		For >200 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 75 00 00-0048	SF	0.024" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls	17.63	2.87
		For >16 To 200, Deduct	*-1.17*	
		For >200 To 500, Deduct	*-2.34*	
		For >500, Deduct	*-3.22*	

END OF SECTION 05

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

06 Wood, Plastics, and Composites

06 01 Maintenance of Wood, Plastics, and Composites *(06)*

06 01 10 Maintenance of Rough Carpentry *(06 01)*

06 01 10 91 Rough Carpenty Restoration *(06 01 10)*

06 01 10 91-0001 Roof Beam Restoration *(06 01 10 91)*

06 01 10 91-0002	EA	Up To 5, Roof Beam Restoration And Fill Note: Includes cutting out damaged/rotten wood, filling with wood fiber restore material, and then with two-part epoxy, or polyester bondo, and sanding.	79.50
06 01 10 91-0003	EA	>5 To 25, Roof Beam Restoration And Fill Note: Includes cutting out damaged/rotten wood, filling with wood fiber restore material, and then with two-part epoxy, or polyester bondo, and sanding.	68.42
06 01 10 91-0004	EA	>25, Roof Beam Restoration And Fill Note: Includes cutting out damaged/rotten wood, filling with wood fiber restore material, and then with two-part epoxy, or polyester bondo, and sanding.	57.33

06 01 10 91-0005 Roof Beam Replacement *(06 01 10 91)*

Note: Includes cutting back the rafter beam back 18" and in a zig- zag Z splice cut for purpose of splicing on new end piece. Attached with glue and screwed on with lag screws counter sunk.

06 01 10 91-0006	EA	Up To 5, Roof Beam Replacement, 6" x 12" Beams Note: Includes cutting off damaged/rotten wood, new beams with screws.	169.24
06 01 10 91-0007	EA	>5 To 25, Roof Beam Replacement, 6" x 12" Beams Note: Includes cutting off damaged/rotten wood, new beams with screws.	158.16
06 01 10 91-0008	EA	>25, Roof Beam Replacement, 6" x 12" Beams Note: Includes cutting off damaged/rotten wood, new beams with screws.	147.06
06 01 10 91-0009	EA	Up To 5, Roof Beam Replacement, 4" x 8" Beams Note: Includes cutting off damaged/rotten wood, new beams with screws.	148.73
06 01 10 91-0010	EA	>5 To 25, Roof Beam Replacement, 4" x 8" Beams Note: Includes cutting off damaged/rotten wood, new beams with screws.	137.65
06 01 10 91-0011	EA	>25, Roof Beam Replacement, 4" x 8" Beams Note: Includes cutting off damaged/rotten wood, new beams with screws.	126.55

06 01 10 91-0012 Roof Beam Caps *(06 01 10 91)*

06 01 10 91-0013	EA	4" x 4" Stainless Steel Beam End Cap	32.83
		For Galvanized Steel, Deduct	*-2.67*
06 01 10 91-0014	EA	4" x 6" Stainless Steel Beam End Cap	48.96
		For Galvanized Steel, Deduct	*-4.69*
06 01 10 91-0015	EA	4" x 8" Stainless Steel Beam End Cap	63.10
		For Galvanized Steel, Deduct	*-6.10*
06 01 10 91-0016	EA	6" x 6" Stainless Steel Beam End Cap	57.23
		For Galvanized Steel, Deduct	*-5.36*
06 01 10 91-0017	EA	6" x 12" Stainless Steel Beam End Cap	71.83
		For Galvanized Steel, Deduct	*-6.83*

06 01 10 91-0018 Field Formed Beam Top/End Caps *(06 01 10 91)*

06 01 10 91-0019	SF	24 Gauge, Stainless Steel Field Formed Beam Top/End Cap Note: Includes forming and bending at edges and around end of exposed beam	15.92
06 01 10 91-0020	SF	24 Gauge, Galvanized Steel Field Formed Beam Top/End Cap Note: Includes forming and bending at edges and around end of exposed beam	11.64

06 01 40 Maintenance of Architectural Woodwork *(06 01)*

06 01 40 51 Architectural Woodwork Cleaning *(06 01 40)*

See CSI section 09 01 90 52-0035 for cleaning of wood surfaces.

06 01 40 91 Architectural Woodwork Restoration *(06 01 40)*

06 01 40 91-0001 Cabinet Hardware Replacement *(06 01 40 91)*

06 01 40 91-0002	EA	Removal And Replacement Of Concealed, Full Or Half Overlay, Self Closing, Steel Cabinet Hinges	43.04
06 01 40 91-0003	EA	Removal And Replacement Of Semi-Concealed, Brass Cabinet Hinges	42.60

06 05 Common Work Results for Wood, Plastics, and Composites *(06)*

06 05 23 Wood, Plastic, and Composite Fastenings *(06 05)*

Note: For additional fasteners above normal conditions, for replacing existing fasteners, for relocating existing materials or fixtures, or for different fasteners required due to load limits on standard fasteners.

06 05 23 00-0001 Threaded Anchor Bolts *(06 05 23)*

Note: Threaded on two ends with two nuts and flat washers.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0002	EA	1/2" Diameter x 4" Long, Threaded Anchor Bolt	13.83	
		For >10 To 50, Deduct	*-0.41*	
		For >50 To 100, Deduct	*-0.96*	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-3.27*	
		For >500, Deduct	*-4.64*	
06 05 23 00-0003	EA	1/2" Diameter x 7-1/2" Long, Threaded Anchor Bolt	18.69	
		For >10 To 50, Deduct	*-0.44*	
		For >50 To 100, Deduct	*-1.12*	
		For >100 To 250, Deduct	*-2.25*	
		For >250 To 500, Deduct	*-3.81*	
		For >500, Deduct	*-5.37*	
06 05 23 00-0004	EA	3/4" Diameter x 7-1/2" Long, Threaded Anchor Bolt	20.65	
		For >10 To 50, Deduct	*-0.44*	
		For >50 To 100, Deduct	*-1.17*	
		For >100 To 250, Deduct	*-2.35*	
		For >250 To 500, Deduct	*-3.96*	
		For >500, Deduct	*-5.57*	
06 05 23 00-0005	EA	3/4" Diameter x 12" Long, Threaded Anchor Bolt	41.59	
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.94*	
		For >100 To 250, Deduct	*-3.88*	
		For >250 To 500, Deduct	*-6.42*	
		For >500, Deduct	*-8.96*	

06 05 23 00-0006 Framing Anchors *(06 05 23)*

Note: Including nails.

06 05 23 00-0007	EA	1-7/16" x 2-1/2", 18 Gauge, Galvanized Framing Angle Anchor (Simpson Strong Tie® A34)	7.20	3.41
		For >10 To 50, Deduct	*-0.33*	
		For >50 To 100, Deduct	*-0.67*	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-3.32*	
06 05 23 00-0008	EA	1-7/16" x 4-1/2", 18 Gauge, Galvanized Framing Angle Anchor (Simpson Strong Tie® A35)	8.05	3.75
		For >10 To 50, Deduct	*-0.37*	
		For >50 To 100, Deduct	*-0.75*	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-2.62*	
		For >500, Deduct	*-3.73*	

06 05 23 00-0009 Angle Anchors *(06 05 23)*

Note: Including nails.

06 05 23 00-0010	EA	2" x 1-1/2" x 1-3/8" Wide, 18 Gauge Galvanized Angle Anchor (Simpson Strong Tie® A21)	7.29	3.41
		For >10 To 50, Deduct	*-0.33*	
		For >50 To 100, Deduct	*-0.67*	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-3.33*	
06 05 23 00-0011	EA	2" x 1-1/2" x 2-3/4" Wide, 18 Gauge Galvanized Angle Anchor (Simpson Strong Tie® A23)	8.00	3.64
		For >10 To 50, Deduct	*-0.35*	
		For >50 To 100, Deduct	*-0.72*	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-2.51*	
		For >500, Deduct	*-3.58*	
06 05 23 00-0012	EA	3-7/8" x 2" x 2-1/2" Wide, 12 Gauge Galvanized Angle Anchor (Simpson Strong Tie® A24)	13.74	3.75
		For >10 To 50, Deduct	*-0.37*	
		For >50 To 100, Deduct	*-0.89*	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-3.04*	
		For >500, Deduct	*-4.30*	
06 05 23 00-0013	EA	3" x 3" x 1-1/2" Wide, 18 Gauge Galvanized Angle Anchor (Simpson Strong Tie® A33)	12.38	3.75
		For >10 To 50, Deduct	*-0.37*	
		For >50 To 100, Deduct	*-0.86*	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.94*	
		For >500, Deduct	*-4.17*	
06 05 23 00-0014	EA	4-9/16" x 4-9/16" x 1-1/2" Wide, 18 Gauge Galvanized Angle Anchor (Simpson Strong Tie® A44)	13.53	4.22
		For >10 To 50, Deduct	*-0.40*	
		For >50 To 100, Deduct	*-0.94*	
		For >100 To 250, Deduct	*-1.89*	
		For >250 To 500, Deduct	*-3.23*	
		For >500, Deduct	*-4.58*	
06 05 23 00-0015	EA	5-7/8" x 5-7/8" x 1-1/2" Wide, 18 Gauge Galvanized Angle Anchor (Simpson Strong Tie® A66)	15.34	4.44
		For >10 To 50, Deduct	*-0.43*	
		For >50 To 100, Deduct	*-1.03*	
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 500, Deduct	*-3.53*	
		For >500, Deduct	*-5.00*	

06 05 23 00-0016 Reinforcing Angle Wood Construction Connectors *(06 05 23)*

Note: Including nails.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0017	EA	3" x 3-3/4", 16 Gauge, Galvanized Reinforcing Angle Wood Construction Connectors (Simpson Strong Tie® L30)	8.01	3.19
		For >10 To 50, Deduct	*-0.33*	
		For >50 To 100, Deduct	*-0.69*	
		For >100 To 250, Deduct	*-1.38*	
		For >250 To 500, Deduct	*-2.39*	
		For >500, Deduct	*-3.40*	
06 05 23 00-0018	EA	5" x 3-3/4", 16 Gauge, Galvanized Reinforcing Angle Wood Construction Connectors (Simpson Strong Tie® L50)	9.89	3.41
		For >10 To 50, Deduct	*-0.35*	
		For >50 To 100, Deduct	*-0.76*	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-2.64*	
		For >500, Deduct	*-3.75*	
06 05 23 00-0019	EA	7" x 3-3/4", 16 Gauge, Galvanized Reinforcing Angle Wood Construction Connectors (Simpson Strong Tie® L70)	11.24	3.53
		For >10 To 50, Deduct	*-0.36*	
		For >50 To 100, Deduct	*-0.82*	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.80*	
		For >500, Deduct	*-3.97*	
06 05 23 00-0020	EA	9" x 3-3/4", 16 Gauge, Galvanized Reinforcing Angle Wood Construction Connectors (Simpson Strong Tie® L90)	12.47	3.64
		For >10 To 50, Deduct	*-0.37*	
		For >50 To 100, Deduct	*-0.87*	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.99*	
		For >500, Deduct	*-4.24*	
06 05 23 00-0021	EA	3-3/8" x 3-3/4", 18 Gauge, Galvanized Reinforcing Skewable Angle Wood Construction Connectors (Simpson Strong Tie® LS30)	8.74	3.19
		For >10 To 50, Deduct	*-0.33*	
		For >50 To 100, Deduct	*-0.71*	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-3.47*	
06 05 23 00-0022	EA	4-7/8" x 3-3/4", 18 Gauge, Galvanized Reinforcing Skewable Angle Wood Construction Connectors (Simpson Strong Tie® LS50)	9.64	3.41
		For >10 To 50, Deduct	*-0.35*	
		For >50 To 100, Deduct	*-0.76*	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-2.62*	
		For >500, Deduct	*-3.72*	
06 05 23 00-0023	EA	6-3/8" x 3-3/4", 18 Gauge, Galvanized Reinforcing Skewable Angle Wood Construction Connectors (Simpson Strong Tie® LS70)	11.18	3.53
		For >10 To 50, Deduct	*-0.36*	
		For >50 To 100, Deduct	*-0.81*	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.80*	
		For >500, Deduct	*-3.97*	
06 05 23 00-0024	EA	7-7/8" x 3-3/4", 18 Gauge, Galvanized Reinforcing Skewable Angle Wood Construction Connectors (Simpson Strong Tie® LS90)	13.25	3.64
		For >10 To 50, Deduct	*-0.37*	
		For >50 To 100, Deduct	*-0.89*	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-3.05*	
		For >500, Deduct	*-4.31*	

06 05 23 00-0025 Hold Down Anchors *(06 05 23)*

Note: Including nails.

06 05 23 00-0026	EA	8-5/8" High x 2-1/2" Wide x 2-1/4" Deep, 12 Gauge, Galvanized Hold Downs (Simpson Strong Tie® HD3B)	57.78	
		For >10 To 50, Deduct	*-1.76*	
		For >50 To 100, Deduct	*-4.09*	
		For >100 To 250, Deduct	*-8.18*	
		For >250 To 500, Deduct	*-14.04*	
		For >500, Deduct	*-19.89*	
06 05 23 00-0027	EA	9-3/8" High x 2-1/2" Wide x 2-1/2" Deep, 10 Gauge, Galvanized Hold Downs (Simpson Strong Tie® HD5B)	80.65	
		For >10 To 50, Deduct	*-1.82*	
		For >50 To 100, Deduct	*-4.75*	
		For >100 To 250, Deduct	*-9.50*	
		For >250 To 500, Deduct	*-16.07*	
		For >500, Deduct	*-22.64*	
06 05 23 00-0028	EA	12-3/8" High x 2-1/2" Wide x 2-1/2" Deep, 10 Gauge, Galvanized Hold Downs (Simpson Strong Tie® HD7B)	99.34	
		For >10 To 50, Deduct	*-1.94*	
		For >50 To 100, Deduct	*-5.39*	
		For >100 To 250, Deduct	*-10.77*	
		For >250 To 500, Deduct	*-18.10*	
		For >500, Deduct	*-25.42*	
06 05 23 00-0029	EA	14" High x 2-1/2" Wide x 2-1/2" Deep, 7 Gauge, Galvanized Hold Downs (Simpson Strong Tie® HD9B)	117.18	
		For >10 To 50, Deduct	*-2.16*	
		For >50 To 100, Deduct	*-6.17*	
		For >100 To 250, Deduct	*-12.35*	
		For >250 To 500, Deduct	*-20.68*	
		For >500, Deduct	*-29.02*	
06 05 23 00-0030	EA	20-5/16" High x 3-1/2" Wide x 4-1/2" Deep, 3 Gauge, Galvanized Hold Downs (Simpson Strong Tie® HD12)	189.49	
		For >10 To 50, Deduct	*-2.73*	
		For >50 To 100, Deduct	*-8.84*	
		For >100 To 250, Deduct	*-17.67*	
		For >250 To 500, Deduct	*-29.24*	
		For >500, Deduct	*-40.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0031	EA	24-1/2" High x 3-1/2" Wide x 4-1/2" Deep, 3 Gauge, Galvanized Hold Downs (Simpson Strong Tie® HD19)	254.86	
		For >10 To 50, Deduct	*-2.85*	
		For >50 To 100, Deduct	*-10.64*	
		For >100 To 250, Deduct	*-21.28*	
		For >250 To 500, Deduct	*-34.77*	
		For >500, Deduct	*-48.25*	
06 05 23 00-0032	EA	8-11/16" Height x 3" Wide x 3-1/4" Deep, 14 Gauge, Galvanized Predeflected Holdown With Screws (Simpson Strong Tie® HDU2-SDS2.5)	67.89	
		For >10 To 50, Deduct	*-1.76*	
		For >50 To 100, Deduct	*-4.34*	
		For >100 To 250, Deduct	*-8.69*	
		For >250 To 500, Deduct	*-14.80*	
		For >500, Deduct	*-20.91*	
06 05 23 00-0033	EA	10-15/16" Height x 3" Wide x 3-1/4" Deep, 14 Gauge, Galvanized Predeflected Holdown With Screws (Simpson Strong Tie® HDU4-SDS2.5)	75.07	
		For >10 To 50, Deduct	*-1.82*	
		For >50 To 100, Deduct	*-4.61*	
		For >100 To 250, Deduct	*-9.22*	
		For >250 To 500, Deduct	*-15.65*	
		For >500, Deduct	*-22.08*	
06 05 23 00-0034	EA	13-3/16" Height x 3" Wide x 3-1/4" Deep, 14 Gauge, Galvanized Predeflected Holdown With Screws (Simpson Strong Tie® HDU5-SDS2.5)	84.03	
		For >10 To 50, Deduct	*-1.94*	
		For >50 To 100, Deduct	*-5.00*	
		For >100 To 250, Deduct	*-10.01*	
		For >250 To 500, Deduct	*-16.95*	
		For >500, Deduct	*-23.89*	
06 05 23 00-0035	EA	16-5/8" Height x 3" Wide x 3-1/2" Deep, 10 Gauge, Galvanized Predeflected Holdown With Screws (Simpson Strong Tie® HDU8-SDS2.5)	103.65	
		For >10 To 50, Deduct	*-2.16*	
		For >50 To 100, Deduct	*-5.84*	
		For >100 To 250, Deduct	*-11.67*	
		For >250 To 500, Deduct	*-19.67*	
		For >500, Deduct	*-27.67*	
06 05 23 00-0036	EA	22-1/4" Height x 3" Wide x 3-1/2" Deep, 10 Gauge, Galvanized Predeflected Holdown With Screws (Simpson Strong Tie® HDU11-SDS2.5)	133.46	
		For >10 To 50, Deduct	*-2.73*	
		For >50 To 100, Deduct	*-7.43*	
		For >100 To 250, Deduct	*-14.87*	
		For >250 To 500, Deduct	*-25.04*	
		For >500, Deduct	*-35.20*	
06 05 23 00-0037	EA	25-11/16" Height x 3" Wide x 3-1/2" Deep, 7 Gauge, Galvanized Predeflected Holdown With Screws (Simpson Strong Tie® HDU14-SDS2.5)	149.00	
		For >10 To 50, Deduct	*-2.85*	
		For >50 To 100, Deduct	*-7.99*	
		For >100 To 250, Deduct	*-15.99*	
		For >250 To 500, Deduct	*-26.83*	
		For >500, Deduct	*-37.67*	
06 05 23 00-0038		**Joist And Beam Hangers** *(06 05 23)*		
		Note: Including nails.		
06 05 23 00-0039	EA	18 Gauge, Galvanized Joist Hanger, For 2" x 4" Joist Also Acceptable For Beam Hangers (Simpson Strong Tie® LU24)	7.66	3.19
		For >10 To 50, Deduct	*-0.33*	
		For >50 To 100, Deduct	*-0.68*	
		For >100 To 250, Deduct	*-1.36*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-3.37*	
06 05 23 00-0040	EA	18 Gauge, Galvanized Joist Hanger, For 2" x 6" To 2" x 10" Joist, Also Acceptable For Beam Hangers (Simpson Strong Tie® LU28)	8.53	3.41
		For >10 To 50, Deduct	*-0.35*	
		For >50 To 100, Deduct	*-0.73*	
		For >100 To 250, Deduct	*-1.46*	
		For >250 To 500, Deduct	*-2.54*	
		For >500, Deduct	*-3.61*	
06 05 23 00-0041	EA	16 Gauge, Galvanized Joist Hanger, For 3" x 6" To 3" x 9" Joist, Also Acceptable For Beam Hangers (Simpson Strong Tie® LUS36)	11.91	3.53
		For >10 To 50, Deduct	*-0.36*	
		For >50 To 100, Deduct	*-0.83*	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.85*	
		For >500, Deduct	*-4.04*	
06 05 23 00-0042	EA	16 Gauge, Galvanized Joist Hanger, For 3" x 10" To 3" x 14" Joist, Also Acceptable For Beam Hangers (Simpson Strong Tie® LUS310)	12.95	3.64
		For >10 To 50, Deduct	*-0.37*	
		For >50 To 100, Deduct	*-0.88*	
		For >100 To 250, Deduct	*-1.77*	
		For >250 To 500, Deduct	*-3.03*	
		For >500, Deduct	*-4.28*	
06 05 23 00-0043	EA	14 Gauge, Galvanized Joist Hanger, For 4" x 6" To 4" x 8" Joist, Also Acceptable For Beam Hangers (Simpson Strong Tie® HUS46)	19.73	3.87
		For >10 To 50, Deduct	*-0.38*	
		For >50 To 100, Deduct	*-1.07*	
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-3.59*	
		For >500, Deduct	*-5.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0044	EA	14 Gauge, Galvanized Joist Hanger, For 4" x 10" To 4" x 14" Joist, Also Acceptable For Beam Hangers (Simpson Strong Tie® HUS412)	23.48	3.99
		For >10 To 50, Deduct	*-0.39*	
		For >50 To 100, Deduct	*-1.18*	
		For >100 To 250, Deduct	*-2.36*	
		For >250 To 500, Deduct	*-3.93*	
		For >500, Deduct	*-5.50*	

06 05 23 00-0045 Anchor And Ties *(06 05 23)*

Note: Including nails.

06 05 23 00-0046	EA	12-3/8" Long, 11 Gauge, Galvanized Heavy Tension Tie (Simpson Strong Tie® HTT4) Note: Includes nails. Excludes anchor bolt.	35.70	
06 05 23 00-0047	EA	16" Long, 11 Gauge, Galvanized Heavy Tension Tie (Simpson Strong Tie® HTT5) Note: Includes nails. Excludes anchor bolt.	44.22	
06 05 23 00-0048	EA	16 Gauge, Zinc Galvanized Finish Mudsill Anchor (Simpson Strong Tie® MASAZ)	4.76	
06 05 23 00-0049	EA	16 Gauge, Zinc Galvanized Finish Mudsill Anchor (Simpson Strong Tie® MASBZ)	5.35	

06 05 23 00-0050 Hurricane Ties *(06 05 23)*

06 05 23 00-0051	EA	6" x 1-3/8" Wide, 18 Gauge, Galvanized Finish Hurricane Ties (Simpson Strong Tie® H2.5A)	8.40	3.53
		For >10 To 50, Deduct	*-0.39*	
		For >50 To 100, Deduct	*-0.80*	
		For >100 To 250, Deduct	*-1.60*	
		For >250 To 500, Deduct	*-2.79*	
		For >500, Deduct	*-3.98*	
06 05 23 00-0052	EA	6" x 1-3/8" Wide, 18 Gauge, Zinc Galvanized Finish Hurricane Ties (Simpson Strong Tie® H2.5AZ)	3.04	
06 05 23 00-0053	EA	6" x 1-3/8" Wide, 18 Gauge, Stainless Steel Hurricane Ties (Simpson Strong Tie® H2.5ASS)	8.15	
06 05 23 00-0054	EA	10-7/16" x 1-1/2" Wide, 18 Gauge, Galvanized Finish Hurricane Ties (Simpson Strong Tie® H2A)	10.30	3.53
		For >10 To 50, Deduct	*-0.39*	
		For >50 To 100, Deduct	*-0.85*	
		For >100 To 250, Deduct	*-1.69*	
		For >250 To 500, Deduct	*-2.93*	
		For >500, Deduct	*-4.17*	
06 05 23 00-0055	EA	19-3/16" x 2-1/4" Wide, 18 Gauge, Galvanized Finish Hurricane Ties (Simpson Strong Tie® H6)	17.09	

06 05 23 00-0056 Post Column Bases *(06 05 23)*

Note: Including nails.

06 05 23 00-0057	EA	Adjustable And Standoff 4" x 4" Post Base, With Bolts (Simpson Strong Tie® ABA44)	31.64	
06 05 23 00-0058	EA	Adjustable And Standoff 4" x 6" Post Base, With Bolts (Simpson Strong Tie® ABA46)	48.91	
06 05 23 00-0059	EA	Adjustable And Standoff 6" x 6" Post Base, With Bolts (Simpson Strong Tie® ABA66)	50.39	

06 05 23 00-0060 Post Column Caps *(06 05 23)*

Note: Including nails.

06 05 23 00-0061	EA	4" Beam, 4" Post Flange, 18 Gauge, Galvanized Post Cap (Simpson Strong Tie® BC4)	17.57	3.99
		For >10 To 50, Deduct	*-0.44*	
		For >50 To 100, Deduct	*-1.10*	
		For >100 To 250, Deduct	*-2.19*	
		For >250 To 500, Deduct	*-3.73*	
		For >500, Deduct	*-5.26*	
06 05 23 00-0062	EA	6" Beam, 6" Post Flange, 18 Gauge, Galvanized Post Cap (Simpson Strong Tie® BC6)	38.43	3.99
		For >10 To 50, Deduct	*-0.46*	
		For >50 To 100, Deduct	*-1.65*	
		For >100 To 250, Deduct	*-3.31*	
		For >250 To 500, Deduct	*-5.42*	
		For >500, Deduct	*-7.54*	
06 05 23 00-0063	EA	3-1/8" Beam, 4" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC3 1/4-4) Note: Excludes field welding	189.18	
		For >10 To 50, Deduct	*-1.14*	
		For >50 To 100, Deduct	*-6.44*	
		For >100 To 250, Deduct	*-12.87*	
		For >250 To 500, Deduct	*-20.45*	
		For >500, Deduct	*-28.02*	
		For Hot Dipped Galvanized, Add	*74.89*	
06 05 23 00-0064	EA	3-1/8" Beam, 6" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC3 1/4-6)	197.08	
		For >10 To 50, Deduct	*-1.28*	
		For >50 To 100, Deduct	*-6.85*	
		For >100 To 250, Deduct	*-13.70*	
		For >250 To 500, Deduct	*-21.82*	
		For >500, Deduct	*-29.95*	
		For Hot Dipped Galvanized, Add	*77.16*	
06 05 23 00-0065	EA	4" Beam, 4" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC44) Note: Excludes field welding	121.78	
		For >10 To 50, Deduct	*-1.14*	
		For >50 To 100, Deduct	*-4.75*	
		For >100 To 250, Deduct	*-9.50*	
		For >250 To 500, Deduct	*-15.39*	
		For >500, Deduct	*-21.28*	
		For Hot Dipped Galvanized, Add	*44.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0066	EA	4" Beam, 6" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC46)	192.98	
		For >10 To 50, Deduct	*-1.28*	
		For >50 To 100, Deduct	*-6.75*	
		For >100 To 250, Deduct	*-13.49*	
		For >250 To 500, Deduct	*-21.52*	
		For >500, Deduct	*-29.54*	
		For Hot Dipped Galvanized, Add	*75.32*	
06 05 23 00-0067	EA	4" Beam, 8" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC48) Note: Excludes field welding	201.83	
		For >10 To 50, Deduct	*-1.28*	
		For >50 To 100, Deduct	*-6.97*	
		For >100 To 250, Deduct	*-13.93*	
		For >250 To 500, Deduct	*-22.18*	
		For >500, Deduct	*-30.43*	
		For Hot Dipped Galvanized, Add	*79.30*	
06 05 23 00-0068	EA	6" Beam, 4" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC64)	206.23	
		For >10 To 50, Deduct	*-1.22*	
		For >50 To 100, Deduct	*-6.99*	
		For >100 To 250, Deduct	*-13.98*	
		For >250 To 500, Deduct	*-22.20*	
		For >500, Deduct	*-30.42*	
		For Hot Dipped Galvanized, Add	*81.79*	
06 05 23 00-0069	EA	6" Beam, 6" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC66)	208.50	
		For >10 To 50, Deduct	*-1.34*	
		For >50 To 100, Deduct	*-7.22*	
		For >100 To 250, Deduct	*-14.44*	
		For >250 To 500, Deduct	*-22.99*	
		For >500, Deduct	*-31.55*	
		For Hot Dipped Galvanized, Add	*81.79*	
06 05 23 00-0070	EA	6" Beam, 8" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC68)	208.50	
		For >10 To 50, Deduct	*-1.34*	
		For >50 To 100, Deduct	*-7.22*	
		For >100 To 250, Deduct	*-14.44*	
		For >250 To 500, Deduct	*-22.99*	
		For >500, Deduct	*-31.55*	
		For Hot Dipped Galvanized, Add	*81.79*	
06 05 23 00-0071	EA	5-1/8" Beam, 4" Post, 3 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC5 1/4-4)	240.96	
		For >10 To 50, Deduct	*-1.22*	
		For >50 To 100, Deduct	*-7.86*	
		For >100 To 250, Deduct	*-15.72*	
		For >250 To 500, Deduct	*-24.80*	
		For >500, Deduct	*-33.89*	
		For Hot Dipped Galvanized, Add	*97.42*	
06 05 23 00-0072	EA	5-1/8" Beam, 6" Post, 3 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC5 1/4-6)	243.23	
		For >10 To 50, Deduct	*-1.34*	
		For >50 To 100, Deduct	*-8.09*	
		For >100 To 250, Deduct	*-16.17*	
		For >250 To 500, Deduct	*-25.60*	
		For >500, Deduct	*-35.02*	
		For Hot Dipped Galvanized, Add	*97.42*	
06 05 23 00-0073	EA	5-1/8" Beam, 8" Post, 3 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC5 1/4-8)	243.23	
		For >10 To 50, Deduct	*-1.34*	
		For >50 To 100, Deduct	*-8.09*	
		For >100 To 250, Deduct	*-16.17*	
		For >250 To 500, Deduct	*-25.60*	
		For >500, Deduct	*-35.02*	
		For Hot Dipped Galvanized, Add	*97.42*	
06 05 23 00-0074	EA	8" Beam, 4" Post, 3 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC84)	294.73	
		For >10 To 50, Deduct	*-1.22*	
		For >50 To 100, Deduct	*-9.20*	
		For >100 To 250, Deduct	*-18.41*	
		For >250 To 500, Deduct	*-28.84*	
		For >500, Deduct	*-39.27*	
		For Hot Dipped Galvanized, Add	*121.61*	
06 05 23 00-0075	EA	8" Beam, 6" Post, 3 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC86)	297.00	
		For >10 To 50, Deduct	*-1.34*	
		For >50 To 100, Deduct	*-9.43*	
		For >100 To 250, Deduct	*-18.86*	
		For >250 To 500, Deduct	*-29.63*	
		For >500, Deduct	*-40.40*	
		For Hot Dipped Galvanized, Add	*121.61*	
06 05 23 00-0076	EA	8" Beam, 8" Post, 3 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC88)	297.00	
		For >10 To 50, Deduct	*-1.34*	
		For >50 To 100, Deduct	*-9.43*	
		For >100 To 250, Deduct	*-18.86*	
		For >250 To 500, Deduct	*-29.63*	
		For >500, Deduct	*-40.40*	
		For Hot Dipped Galvanized, Add	*121.61*	
06 05 23 00-0077	EA	3-1/8" Beam, 4" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC3 1/4-4) Note: Excludes field welding	189.18	
		For >10 To 50, Deduct	*-1.14*	
		For >50 To 100, Deduct	*-6.44*	
		For >100 To 250, Deduct	*-12.87*	
		For >250 To 500, Deduct	*-20.45*	
		For >500, Deduct	*-28.02*	
		For Hot Dipped Galvanized, Add	*74.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0078	EA	3-1/8" Beam, 6" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC3 1/4-6)	197.08	
		For >10 To 50, Deduct	*-1.28*	
		For >50 To 100, Deduct	*-6.85*	
		For >100 To 250, Deduct	*-13.70*	
		For >250 To 500, Deduct	*-21.82*	
		For >500, Deduct	*-29.95*	
		For Hot Dipped Galvanized, Add	*77.16*	
06 05 23 00-0079	EA	4" Beam, 4" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC44) Note: Excludes field welding	121.78	
		For >10 To 50, Deduct	*-1.14*	
		For >50 To 100, Deduct	*-4.75*	
		For >100 To 250, Deduct	*-9.50*	
		For >250 To 500, Deduct	*-15.39*	
		For >500, Deduct	*-21.28*	
		For Hot Dipped Galvanized, Add	*44.56*	
06 05 23 00-0080	EA	4" Beam, 6" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC46)	192.98	
		For >10 To 50, Deduct	*-1.28*	
		For >50 To 100, Deduct	*-6.75*	
		For >100 To 250, Deduct	*-13.49*	
		For >250 To 500, Deduct	*-21.52*	
		For >500, Deduct	*-29.54*	
		For Hot Dipped Galvanized, Add	*75.32*	
06 05 23 00-0081	EA	4" Beam, 8" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC48) Note: Excludes field welding	201.83	
		For >10 To 50, Deduct	*-1.28*	
		For >50 To 100, Deduct	*-6.97*	
		For >100 To 250, Deduct	*-13.93*	
		For >250 To 500, Deduct	*-22.18*	
		For >500, Deduct	*-30.43*	
		For Hot Dipped Galvanized, Add	*79.30*	
06 05 23 00-0082	EA	6" Beam, 4" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC64)	206.23	
		For >10 To 50, Deduct	*-1.22*	
		For >50 To 100, Deduct	*-6.99*	
		For >100 To 250, Deduct	*-13.98*	
		For >250 To 500, Deduct	*-22.20*	
		For >500, Deduct	*-30.42*	
		For Hot Dipped Galvanized, Add	*81.79*	
06 05 23 00-0083	EA	6" Beam, 6" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC66)	208.50	
		For >10 To 50, Deduct	*-1.34*	
		For >50 To 100, Deduct	*-7.22*	
		For >100 To 250, Deduct	*-14.44*	
		For >250 To 500, Deduct	*-22.99*	
		For >500, Deduct	*-31.55*	
		For Hot Dipped Galvanized, Add	*81.79*	
06 05 23 00-0084	EA	6" Beam, 8" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC68)	208.50	
		For >10 To 50, Deduct	*-1.34*	
		For >50 To 100, Deduct	*-7.22*	
		For >100 To 250, Deduct	*-14.44*	
		For >250 To 500, Deduct	*-22.99*	
		For >500, Deduct	*-31.55*	
		For Hot Dipped Galvanized, Add	*81.79*	
06 05 23 00-0085	EA	5-1/8" Beam, 4" Post, 3 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC5 1/4-4)	240.96	
		For >10 To 50, Deduct	*-1.22*	
		For >50 To 100, Deduct	*-7.86*	
		For >100 To 250, Deduct	*-15.72*	
		For >250 To 500, Deduct	*-24.80*	
		For >500, Deduct	*-33.89*	
		For Hot Dipped Galvanized, Add	*97.42*	
06 05 23 00-0086	EA	5-1/8" Beam, 6" Post, 3 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC5 1/4-6)	243.23	
		For >10 To 50, Deduct	*-1.34*	
		For >50 To 100, Deduct	*-8.09*	
		For >100 To 250, Deduct	*-16.17*	
		For >250 To 500, Deduct	*-25.60*	
		For >500, Deduct	*-35.02*	
		For Hot Dipped Galvanized, Add	*97.42*	
06 05 23 00-0087	EA	5-1/8" Beam, 8" Post, 3 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC5 1/4-8)	243.23	
		For >10 To 50, Deduct	*-1.34*	
		For >50 To 100, Deduct	*-8.09*	
		For >100 To 250, Deduct	*-16.17*	
		For >250 To 500, Deduct	*-25.60*	
		For >500, Deduct	*-35.02*	
		For Hot Dipped Galvanized, Add	*97.42*	
06 05 23 00-0088	EA	8" Beam, 4" Post, 3 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC84)	294.73	
		For >10 To 50, Deduct	*-1.22*	
		For >50 To 100, Deduct	*-9.20*	
		For >100 To 250, Deduct	*-18.41*	
		For >250 To 500, Deduct	*-28.84*	
		For >500, Deduct	*-39.27*	
		For Hot Dipped Galvanized, Add	*121.61*	
06 05 23 00-0089	EA	8" Beam, 6" Post, 3 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC86)	297.00	
		For >10 To 50, Deduct	*-1.34*	
		For >50 To 100, Deduct	*-9.43*	
		For >100 To 250, Deduct	*-18.86*	
		For >250 To 500, Deduct	*-29.63*	
		For >500, Deduct	*-40.40*	
		For Hot Dipped Galvanized, Add	*121.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0090	EA	8" Beam, 8" Post, 3 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC88)	297.00	
		For >10 To 50, Deduct	*-1.34*	
		For >50 To 100, Deduct	*-9.43*	
		For >100 To 250, Deduct	*-18.86*	
		For >250 To 500, Deduct	*-29.63*	
		For >500, Deduct	*-40.40*	
		For Hot Dipped Galvanized, Add	*121.61*	
06 05 23 00-0091		**Rafter Connectors** *(06 05 23)*		
06 05 23 00-0092	EA	Galvanized Rigid Rafter Connector, For 2" x 6" (Simpson Strong Tie® RR)	10.01	3.53
		For >10 To 50, Deduct	*-0.39*	
		For >50 To 100, Deduct	*-0.84*	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.91*	
		For >500, Deduct	*-4.14*	
06 05 23 00-0093		**Bolts And Fasteners** *(06 05 23)*		
06 05 23 00-0094		**Carriage Bolts** *(06 05 23 00-0093)*		
		Note: Includes drilling of holes in any material. Includes nut and washer.		
06 05 23 00-0095		**Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolts** *(06 05 23 00-0094)*		
06 05 23 00-0096	EA	1/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	15.17	
		For >10 To 50, Deduct	*-0.74*	
		For >50 To 100, Deduct	*-1.49*	
		For >100 To 250, Deduct	*-2.98*	
		For >250 To 500, Deduct	*-5.21*	
		For >500, Deduct	*-7.43*	
06 05 23 00-0097	EA	1/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	15.33	
		For >10 To 50, Deduct	*-0.74*	
		For >50 To 100, Deduct	*-1.49*	
		For >100 To 250, Deduct	*-2.99*	
		For >250 To 500, Deduct	*-5.22*	
		For >500, Deduct	*-7.45*	
06 05 23 00-0098	EA	1/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	15.43	
		For >10 To 50, Deduct	*-0.74*	
		For >50 To 100, Deduct	*-1.50*	
		For >100 To 250, Deduct	*-2.99*	
		For >250 To 500, Deduct	*-5.22*	
		For >500, Deduct	*-7.46*	
06 05 23 00-0099	EA	1/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	18.02	
		For >10 To 50, Deduct	*-0.85*	
		For >50 To 100, Deduct	*-1.73*	
		For >100 To 250, Deduct	*-3.46*	
		For >250 To 500, Deduct	*-6.05*	
		For >500, Deduct	*-8.63*	
06 05 23 00-0100	EA	3/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	16.76	
		For >10 To 50, Deduct	*-0.80*	
		For >50 To 100, Deduct	*-1.61*	
		For >100 To 250, Deduct	*-3.23*	
		For >250 To 500, Deduct	*-5.64*	
		For >500, Deduct	*-8.05*	
06 05 23 00-0101	EA	3/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	18.17	
		For >10 To 50, Deduct	*-0.85*	
		For >50 To 100, Deduct	*-1.74*	
		For >100 To 250, Deduct	*-3.47*	
		For >250 To 500, Deduct	*-6.06*	
		For >500, Deduct	*-8.65*	
06 05 23 00-0102	EA	3/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	18.43	
		For >10 To 50, Deduct	*-0.85*	
		For >50 To 100, Deduct	*-1.74*	
		For >100 To 250, Deduct	*-3.48*	
		For >250 To 500, Deduct	*-6.08*	
		For >500, Deduct	*-8.68*	
06 05 23 00-0103	EA	3/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	22.03	
		For >10 To 50, Deduct	*-1.02*	
		For >50 To 100, Deduct	*-2.09*	
		For >100 To 250, Deduct	*-4.18*	
		For >250 To 500, Deduct	*-7.29*	
		For >500, Deduct	*-10.40*	
06 05 23 00-0104	EA	3/8" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	23.96	
		For >10 To 50, Deduct	*-1.08*	
		For >50 To 100, Deduct	*-2.22*	
		For >100 To 250, Deduct	*-4.44*	
		For >250 To 500, Deduct	*-7.75*	
		For >500, Deduct	*-11.05*	
06 05 23 00-0105	EA	3/8" Diameter x 12" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	27.02	
		For >10 To 50, Deduct	*-1.20*	
		For >50 To 100, Deduct	*-2.47*	
		For >100 To 250, Deduct	*-4.94*	
		For >250 To 500, Deduct	*-8.60*	
		For >500, Deduct	*-12.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0106	EA	1/2" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	18.73	
		For >10 To 50, Deduct	*-0.85*	
		For >50 To 100, Deduct	*-1.75*	
		For >100 To 250, Deduct	*-3.50*	
		For >250 To 500, Deduct	*-6.10*	
		For >500, Deduct	*-8.71*	
06 05 23 00-0107	EA	1/2" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	20.55	
		For >10 To 50, Deduct	*-0.91*	
		For >50 To 100, Deduct	*-1.88*	
		For >100 To 250, Deduct	*-3.76*	
		For >250 To 500, Deduct	*-6.55*	
		For >500, Deduct	*-9.34*	
06 05 23 00-0108	EA	1/2" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	21.90	
		For >10 To 50, Deduct	*-0.97*	
		For >50 To 100, Deduct	*-2.00*	
		For >100 To 250, Deduct	*-4.00*	
		For >250 To 500, Deduct	*-6.96*	
		For >500, Deduct	*-9.93*	
06 05 23 00-0109	EA	1/2" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	24.56	
		For >10 To 50, Deduct	*-1.08*	
		For >50 To 100, Deduct	*-2.24*	
		For >100 To 250, Deduct	*-4.47*	
		For >250 To 500, Deduct	*-7.79*	
		For >500, Deduct	*-11.11*	
06 05 23 00-0110	EA	1/2" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	28.89	
		For >10 To 50, Deduct	*-1.25*	
		For >50 To 100, Deduct	*-2.60*	
		For >100 To 250, Deduct	*-5.20*	
		For >250 To 500, Deduct	*-9.05*	
		For >500, Deduct	*-12.91*	
06 05 23 00-0111	EA	1/2" Diameter x 12" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	32.41	
		For >10 To 50, Deduct	*-1.37*	
		For >50 To 100, Deduct	*-2.86*	
		For >100 To 250, Deduct	*-5.72*	
		For >250 To 500, Deduct	*-9.94*	
		For >500, Deduct	*-14.17*	
06 05 23 00-0112	EA	3/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	25.74	
		For >10 To 50, Deduct	*-1.02*	
		For >50 To 100, Deduct	*-2.18*	
		For >100 To 250, Deduct	*-4.36*	
		For >250 To 500, Deduct	*-7.57*	
		For >500, Deduct	*-10.77*	
06 05 23 00-0113	EA	3/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	27.94	
		For >10 To 50, Deduct	*-1.08*	
		For >50 To 100, Deduct	*-2.32*	
		For >100 To 250, Deduct	*-4.64*	
		For >250 To 500, Deduct	*-8.04*	
		For >500, Deduct	*-11.45*	
06 05 23 00-0114	EA	3/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	33.52	
		For >10 To 50, Deduct	*-1.25*	
		For >50 To 100, Deduct	*-2.72*	
		For >100 To 250, Deduct	*-5.43*	
		For >250 To 500, Deduct	*-9.40*	
		For >500, Deduct	*-13.37*	
06 05 23 00-0115	EA	3/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	37.80	
		For >10 To 50, Deduct	*-1.31*	
		For >50 To 100, Deduct	*-2.91*	
		For >100 To 250, Deduct	*-5.82*	
		For >250 To 500, Deduct	*-10.04*	
		For >500, Deduct	*-14.26*	
06 05 23 00-0116	EA	3/4" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	41.04	
		For >10 To 50, Deduct	*-1.42*	
		For >50 To 100, Deduct	*-3.16*	
		For >100 To 250, Deduct	*-6.32*	
		For >250 To 500, Deduct	*-10.90*	
		For >500, Deduct	*-15.49*	
06 05 23 00-0117	EA	3/4" Diameter x 12" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	41.82	
		For >10 To 50, Deduct	*-1.48*	
		For >50 To 100, Deduct	*-3.27*	
		For >100 To 250, Deduct	*-6.53*	
		For >250 To 500, Deduct	*-11.28*	
		For >500, Deduct	*-16.02*	

06 05 23 00-0118 Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolts *(06 05 23 00-0094)*

06 05 23 00-0119	EA	1/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	15.46	
		For >10 To 50, Deduct	*-0.74*	
		For >50 To 100, Deduct	*-1.50*	
		For >100 To 250, Deduct	*-2.99*	
		For >250 To 500, Deduct	*-5.23*	
		For >500, Deduct	*-7.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0120	EA	1/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	15.77	
		For >10 To 50, Deduct	*-0.74*	
		For >50 To 100, Deduct	*-1.50*	
		For >100 To 250, Deduct	*-3.01*	
		For >250 To 500, Deduct	*-5.25*	
		For >500, Deduct	*-7.49*	
06 05 23 00-0121	EA	1/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	16.11	
		For >10 To 50, Deduct	*-0.74*	
		For >50 To 100, Deduct	*-1.51*	
		For >100 To 250, Deduct	*-3.02*	
		For >250 To 500, Deduct	*-5.28*	
		For >500, Deduct	*-7.53*	
06 05 23 00-0122	EA	1/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	19.17	
		For >10 To 50, Deduct	*-0.85*	
		For >50 To 100, Deduct	*-1.76*	
		For >100 To 250, Deduct	*-3.52*	
		For >250 To 500, Deduct	*-6.13*	
		For >500, Deduct	*-8.75*	
06 05 23 00-0123	EA	3/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	17.17	
		For >10 To 50, Deduct	*-0.80*	
		For >50 To 100, Deduct	*-1.62*	
		For >100 To 250, Deduct	*-3.25*	
		For >250 To 500, Deduct	*-5.67*	
		For >500, Deduct	*-8.09*	
06 05 23 00-0124	EA	3/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	18.81	
		For >10 To 50, Deduct	*-0.85*	
		For >50 To 100, Deduct	*-1.75*	
		For >100 To 250, Deduct	*-3.50*	
		For >250 To 500, Deduct	*-6.11*	
		For >500, Deduct	*-8.71*	
06 05 23 00-0125	EA	3/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	19.19	
		For >10 To 50, Deduct	*-0.85*	
		For >50 To 100, Deduct	*-1.76*	
		For >100 To 250, Deduct	*-3.52*	
		For >250 To 500, Deduct	*-6.14*	
		For >500, Deduct	*-8.75*	
06 05 23 00-0126	EA	3/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	23.18	
		For >10 To 50, Deduct	*-1.02*	
		For >50 To 100, Deduct	*-2.12*	
		For >100 To 250, Deduct	*-4.23*	
		For >250 To 500, Deduct	*-7.37*	
		For >500, Deduct	*-10.51*	
06 05 23 00-0127	EA	3/8" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	25.25	
		For >10 To 50, Deduct	*-1.08*	
		For >50 To 100, Deduct	*-2.25*	
		For >100 To 250, Deduct	*-4.51*	
		For >250 To 500, Deduct	*-7.84*	
		For >500, Deduct	*-11.18*	
06 05 23 00-0128	EA	3/8" Diameter x 12" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	28.22	
		For >10 To 50, Deduct	*-1.20*	
		For >50 To 100, Deduct	*-2.50*	
		For >100 To 250, Deduct	*-5.00*	
		For >250 To 500, Deduct	*-8.69*	
		For >500, Deduct	*-12.38*	
06 05 23 00-0129	EA	1/2" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	19.69	
		For >10 To 50, Deduct	*-0.85*	
		For >50 To 100, Deduct	*-1.77*	
		For >100 To 250, Deduct	*-3.55*	
		For >250 To 500, Deduct	*-6.17*	
		For >500, Deduct	*-8.80*	
06 05 23 00-0130	EA	1/2" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	21.31	
		For >10 To 50, Deduct	*-0.91*	
		For >50 To 100, Deduct	*-1.90*	
		For >100 To 250, Deduct	*-3.80*	
		For >250 To 500, Deduct	*-6.61*	
		For >500, Deduct	*-9.42*	
06 05 23 00-0131	EA	1/2" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	22.80	
		For >10 To 50, Deduct	*-0.97*	
		For >50 To 100, Deduct	*-2.02*	
		For >100 To 250, Deduct	*-4.04*	
		For >250 To 500, Deduct	*-7.03*	
		For >500, Deduct	*-10.02*	
06 05 23 00-0132	EA	1/2" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	25.86	
		For >10 To 50, Deduct	*-1.08*	
		For >50 To 100, Deduct	*-2.27*	
		For >100 To 250, Deduct	*-4.54*	
		For >250 To 500, Deduct	*-7.89*	
		For >500, Deduct	*-11.24*	
06 05 23 00-0133	EA	1/2" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	30.16	
		For >10 To 50, Deduct	*-1.25*	
		For >50 To 100, Deduct	*-2.63*	
		For >100 To 250, Deduct	*-5.26*	
		For >250 To 500, Deduct	*-9.15*	
		For >500, Deduct	*-13.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0134	EA	1/2" Diameter x 12" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	33.39	
		For >10 To 50, Deduct	*-1.37*	
		For >50 To 100, Deduct	*-2.88*	
		For >100 To 250, Deduct	*-5.77*	
		For >250 To 500, Deduct	*-10.02*	
		For >500, Deduct	*-14.27*	
06 05 23 00-0135	EA	3/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	28.64	
		For >10 To 50, Deduct	*-1.02*	
		For >50 To 100, Deduct	*-2.25*	
		For >100 To 250, Deduct	*-4.51*	
		For >250 To 500, Deduct	*-7.78*	
		For >500, Deduct	*-11.06*	
06 05 23 00-0136	EA	3/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	29.96	
		For >10 To 50, Deduct	*-1.08*	
		For >50 To 100, Deduct	*-2.37*	
		For >100 To 250, Deduct	*-4.74*	
		For >250 To 500, Deduct	*-8.20*	
		For >500, Deduct	*-11.65*	
06 05 23 00-0137	EA	3/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	34.96	
		For >10 To 50, Deduct	*-1.25*	
		For >50 To 100, Deduct	*-2.75*	
		For >100 To 250, Deduct	*-5.50*	
		For >250 To 500, Deduct	*-9.51*	
		For >500, Deduct	*-13.51*	
06 05 23 00-0138	EA	3/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	37.69	
		For >10 To 50, Deduct	*-1.31*	
		For >50 To 100, Deduct	*-2.91*	
		For >100 To 250, Deduct	*-5.81*	
		For >250 To 500, Deduct	*-10.03*	
		For >500, Deduct	*-14.25*	
06 05 23 00-0139	EA	3/4" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	42.91	
		For >10 To 50, Deduct	*-1.42*	
		For >50 To 100, Deduct	*-3.21*	
		For >100 To 250, Deduct	*-6.41*	
		For >250 To 500, Deduct	*-11.04*	
		For >500, Deduct	*-15.68*	
06 05 23 00-0140	EA	3/4" Diameter x 12" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	45.72	
		For >10 To 50, Deduct	*-1.48*	
		For >50 To 100, Deduct	*-3.36*	
		For >100 To 250, Deduct	*-6.73*	
		For >250 To 500, Deduct	*-11.57*	
		For >500, Deduct	*-16.41*	

06 05 23 00-0141 304/18-8 Stainless Steel, Carriage Bolts *(06 05 23 00-0094)*

06 05 23 00-0142	EA	1/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Carriage Bolt	16.27	
		For >10 To 50, Deduct	*-0.74*	
		For >50 To 100, Deduct	*-1.52*	
		For >100 To 250, Deduct	*-3.03*	
		For >250 To 500, Deduct	*-5.29*	
		For >500, Deduct	*-7.54*	
06 05 23 00-0143	EA	1/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt	17.89	
		For >10 To 50, Deduct	*-0.74*	
		For >50 To 100, Deduct	*-1.56*	
		For >100 To 250, Deduct	*-3.11*	
		For >250 To 500, Deduct	*-5.41*	
		For >500, Deduct	*-7.71*	
06 05 23 00-0144	EA	1/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt	18.95	
		For >10 To 50, Deduct	*-0.74*	
		For >50 To 100, Deduct	*-1.58*	
		For >100 To 250, Deduct	*-3.17*	
		For >250 To 500, Deduct	*-5.49*	
		For >500, Deduct	*-7.81*	
06 05 23 00-0145	EA	1/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt	32.64	
		For >10 To 50, Deduct	*-0.85*	
		For >50 To 100, Deduct	*-2.10*	
		For >100 To 250, Deduct	*-4.19*	
		For >250 To 500, Deduct	*-7.15*	
		For >500, Deduct	*-10.10*	
06 05 23 00-0146	EA	3/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Carriage Bolt	18.92	
		For >10 To 50, Deduct	*-0.80*	
		For >50 To 100, Deduct	*-1.67*	
		For >100 To 250, Deduct	*-3.34*	
		For >250 To 500, Deduct	*-5.80*	
		For >500, Deduct	*-8.27*	
06 05 23 00-0147	EA	3/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt	22.41	
		For >10 To 50, Deduct	*-0.85*	
		For >50 To 100, Deduct	*-1.84*	
		For >100 To 250, Deduct	*-3.68*	
		For >250 To 500, Deduct	*-6.38*	
		For >500, Deduct	*-9.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0148	EA	3/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt	22.91	
		For >10 To 50, Deduct	*-0.85*	
		For >50 To 100, Deduct	*-1.85*	
		For >100 To 250, Deduct	*-3.71*	
		For >250 To 500, Deduct	*-6.42*	
		For >500, Deduct	*-9.12*	
06 05 23 00-0149	EA	3/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt	43.21	
		For >10 To 50, Deduct	*-1.02*	
		For >50 To 100, Deduct	*-2.62*	
		For >100 To 250, Deduct	*-5.23*	
		For >250 To 500, Deduct	*-8.88*	
		For >500, Deduct	*-12.52*	
06 05 23 00-0150	EA	3/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Carriage Bolt	52.78	
		For >10 To 50, Deduct	*-1.08*	
		For >50 To 100, Deduct	*-2.94*	
		For >100 To 250, Deduct	*-5.88*	
		For >250 To 500, Deduct	*-9.91*	
		For >500, Deduct	*-13.93*	
06 05 23 00-0151	EA	3/8" Diameter x 12" Length, 304/18-8 Stainless Steel, Carriage Bolt	59.15	
		For >10 To 50, Deduct	*-1.20*	
		For >50 To 100, Deduct	*-3.27*	
		For >100 To 250, Deduct	*-6.54*	
		For >250 To 500, Deduct	*-11.01*	
		For >500, Deduct	*-15.48*	
06 05 23 00-0152	EA	1/2" Diameter x 2" Length, 304/18-8 Stainless Steel, Carriage Bolt	24.30	
		For >10 To 50, Deduct	*-0.85*	
		For >50 To 100, Deduct	*-1.89*	
		For >100 To 250, Deduct	*-3.78*	
		For >250 To 500, Deduct	*-6.52*	
		For >500, Deduct	*-9.26*	
06 05 23 00-0153	EA	1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt	27.69	
		For >10 To 50, Deduct	*-0.91*	
		For >50 To 100, Deduct	*-2.06*	
		For >100 To 250, Deduct	*-4.12*	
		For >250 To 500, Deduct	*-7.09*	
		For >500, Deduct	*-10.06*	
06 05 23 00-0154	EA	1/2" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt	33.74	
		For >10 To 50, Deduct	*-0.97*	
		For >50 To 100, Deduct	*-2.29*	
		For >100 To 250, Deduct	*-4.59*	
		For >250 To 500, Deduct	*-7.85*	
		For >500, Deduct	*-11.11*	
06 05 23 00-0155	EA	1/2" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt	54.27	
		For >10 To 50, Deduct	*-1.08*	
		For >50 To 100, Deduct	*-2.98*	
		For >100 To 250, Deduct	*-5.96*	
		For >250 To 500, Deduct	*-10.02*	
		For >500, Deduct	*-14.08*	
06 05 23 00-0156	EA	1/2" Diameter x 10" Length, 304/18-8 Stainless Steel, Carriage Bolt	61.25	
		For >10 To 50, Deduct	*-1.25*	
		For >50 To 100, Deduct	*-3.41*	
		For >100 To 250, Deduct	*-6.82*	
		For >250 To 500, Deduct	*-11.48*	
		For >500, Deduct	*-16.14*	
06 05 23 00-0157	EA	1/2" Diameter x 12" Length, 304/18-8 Stainless Steel, Carriage Bolt	97.00	
		For >10 To 50, Deduct	*-1.37*	
		For >50 To 100, Deduct	*-4.47*	
		For >100 To 250, Deduct	*-8.95*	
		For >250 To 500, Deduct	*-14.79*	
		For >500, Deduct	*-20.63*	
06 05 23 00-0158	EA	3/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt	75.30	
		For >10 To 50, Deduct	*-1.08*	
		For >50 To 100, Deduct	*-3.50*	
		For >100 To 250, Deduct	*-7.01*	
		For >250 To 500, Deduct	*-11.60*	
		For >500, Deduct	*-16.18*	
06 05 23 00-0159	EA	3/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt	107.00	
		For >10 To 50, Deduct	*-1.25*	
		For >50 To 100, Deduct	*-4.55*	
		For >100 To 250, Deduct	*-9.11*	
		For >250 To 500, Deduct	*-14.91*	
		For >500, Deduct	*-20.72*	
06 05 23 00-0160	EA	3/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt	118.69	
		For >10 To 50, Deduct	*-1.31*	
		For >50 To 100, Deduct	*-4.93*	
		For >100 To 250, Deduct	*-9.86*	
		For >250 To 500, Deduct	*-16.10*	
		For >500, Deduct	*-22.35*	
06 05 23 00-0161	EA	3/4" Diameter x 10" Length, 304/18-8 Stainless Steel, Carriage Bolt	175.89	
		For >10 To 50, Deduct	*-1.42*	
		For >50 To 100, Deduct	*-6.53*	
		For >100 To 250, Deduct	*-13.06*	
		For >250 To 500, Deduct	*-21.02*	
		For >500, Deduct	*-28.97*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0162	EA	3/4" Diameter x 12" Length, 304/18-8 Stainless Steel, Carriage Bolt	185.04	
		For >10 To 50, Deduct	*-1.48*	
		For >50 To 100, Deduct	*-6.85*	
		For >100 To 250, Deduct	*-13.69*	
		For >250 To 500, Deduct	*-22.02*	
		For >500, Deduct	*-30.34*	

06 05 23 00-0163 316 Stainless Steel, Carriage Bolts *(06 05 23 00-0094)*

06 05 23 00-0164	EA	1/4" Diameter x 2" Length, 316 Stainless Steel, Carriage Bolt	23.75	
		For >10 To 50, Deduct	*-0.74*	
		For >50 To 100, Deduct	*-1.70*	
		For >100 To 250, Deduct	*-3.41*	
		For >250 To 500, Deduct	*-5.85*	
		For >500, Deduct	*-8.29*	
06 05 23 00-0165	EA	1/4" Diameter x 4" Length, 316 Stainless Steel, Carriage Bolt	26.59	
		For >10 To 50, Deduct	*-0.74*	
		For >50 To 100, Deduct	*-1.77*	
		For >100 To 250, Deduct	*-3.55*	
		For >250 To 500, Deduct	*-6.06*	
		For >500, Deduct	*-8.58*	
06 05 23 00-0166	EA	3/8" Diameter x 2" Length, 316 Stainless Steel, Carriage Bolt	28.71	
		For >10 To 50, Deduct	*-0.80*	
		For >50 To 100, Deduct	*-1.91*	
		For >100 To 250, Deduct	*-3.83*	
		For >250 To 500, Deduct	*-6.54*	
		For >500, Deduct	*-9.25*	
06 05 23 00-0167	EA	3/8" Diameter x 4" Length, 316 Stainless Steel, Carriage Bolt	33.79	
		For >10 To 50, Deduct	*-0.85*	
		For >50 To 100, Deduct	*-2.13*	
		For >100 To 250, Deduct	*-4.25*	
		For >250 To 500, Deduct	*-7.23*	
		For >500, Deduct	*-10.21*	
06 05 23 00-0168	EA	1/2" Diameter x 2" Length, 316 Stainless Steel, Carriage Bolt	46.43	
		For >10 To 50, Deduct	*-0.85*	
		For >50 To 100, Deduct	*-2.44*	
		For >100 To 250, Deduct	*-4.88*	
		For >250 To 500, Deduct	*-8.18*	
		For >500, Deduct	*-11.48*	
06 05 23 00-0169	EA	1/2" Diameter x 4" Length, 316 Stainless Steel, Carriage Bolt	50.64	
		For >10 To 50, Deduct	*-0.91*	
		For >50 To 100, Deduct	*-2.63*	
		For >100 To 250, Deduct	*-5.27*	
		For >250 To 500, Deduct	*-8.81*	
		For >500, Deduct	*-12.35*	
06 05 23 00-0170	EA	1/2" Diameter x 6" Length, 316 Stainless Steel, Carriage Bolt	54.59	
		For >10 To 50, Deduct	*-0.97*	
		For >50 To 100, Deduct	*-2.82*	
		For >100 To 250, Deduct	*-5.63*	
		For >250 To 500, Deduct	*-9.42*	
		For >500, Deduct	*-13.20*	

06 05 23 00-0171 Hex Lag Bolts *(06 05 23 00-0093)*

Note: Includes drilling of holes in any material.

06 05 23 00-0172 Zinc Plated Steel, Hex Lag Bolts *(06 05 23 00-0171)*

06 05 23 00-0173	EA	1/4" Diameter x 2" Length, Zinc Plated Steel, Hex Lag Bolt	14.46	
		For >10 To 50, Deduct	*-0.71*	
		For >50 To 100, Deduct	*-1.43*	
		For >100 To 250, Deduct	*-2.86*	
		For >250 To 500, Deduct	*-5.00*	
		For >500, Deduct	*-7.14*	
06 05 23 00-0174	EA	1/4" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt	14.60	
		For >10 To 50, Deduct	*-0.71*	
		For >50 To 100, Deduct	*-1.43*	
		For >100 To 250, Deduct	*-2.86*	
		For >250 To 500, Deduct	*-5.01*	
		For >500, Deduct	*-7.15*	
06 05 23 00-0175	EA	1/4" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt	14.89	
		For >10 To 50, Deduct	*-0.71*	
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 250, Deduct	*-2.88*	
		For >250 To 500, Deduct	*-5.03*	
		For >500, Deduct	*-7.18*	
06 05 23 00-0176	EA	3/8" Diameter x 2" Length, Zinc Plated Steel, Hex Lag Bolt	15.95	
		For >10 To 50, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-1.56*	
		For >100 To 250, Deduct	*-3.12*	
		For >250 To 500, Deduct	*-5.46*	
		For >500, Deduct	*-7.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0177	EA	3/8" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt	17.34	
		For >10 To 50, Deduct	*-0.83*	
		For >50 To 100, Deduct	*-1.68*	
		For >100 To 250, Deduct	*-3.36*	
		For >250 To 500, Deduct	*-5.87*	
		For >500, Deduct	*-8.38*	
06 05 23 00-0178	EA	3/8" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt	17.66	
		For >10 To 50, Deduct	*-0.83*	
		For >50 To 100, Deduct	*-1.69*	
		For >100 To 250, Deduct	*-3.38*	
		For >250 To 500, Deduct	*-5.90*	
		For >500, Deduct	*-8.41*	
06 05 23 00-0179	EA	3/8" Diameter x 8" Length, Zinc Plated Steel, Hex Lag Bolt	21.63	
		For >10 To 50, Deduct	*-1.00*	
		For >50 To 100, Deduct	*-2.04*	
		For >100 To 250, Deduct	*-4.07*	
		For >250 To 500, Deduct	*-7.11*	
		For >500, Deduct	*-10.14*	
06 05 23 00-0180	EA	3/8" Diameter x 10" Length, Zinc Plated Steel, Hex Lag Bolt	22.92	
		For >10 To 50, Deduct	*-1.05*	
		For >50 To 100, Deduct	*-2.15*	
		For >100 To 250, Deduct	*-4.30*	
		For >250 To 500, Deduct	*-7.51*	
		For >500, Deduct	*-10.71*	
06 05 23 00-0181	EA	1/2" Diameter x 2" Length, Zinc Plated Steel, Hex Lag Bolt	17.66	
		For >10 To 50, Deduct	*-0.84*	
		For >50 To 100, Deduct	*-1.70*	
		For >100 To 250, Deduct	*-3.39*	
		For >250 To 500, Deduct	*-5.93*	
		For >500, Deduct	*-8.46*	
06 05 23 00-0182	EA	1/2" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt	19.23	
		For >10 To 50, Deduct	*-0.89*	
		For >50 To 100, Deduct	*-1.82*	
		For >100 To 250, Deduct	*-3.64*	
		For >250 To 500, Deduct	*-6.35*	
		For >500, Deduct	*-9.06*	
06 05 23 00-0183	EA	1/2" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt	20.95	
		For >10 To 50, Deduct	*-0.95*	
		For >50 To 100, Deduct	*-1.95*	
		For >100 To 250, Deduct	*-3.89*	
		For >250 To 500, Deduct	*-6.79*	
		For >500, Deduct	*-9.68*	
06 05 23 00-0184	EA	1/2" Diameter x 8" Length, Zinc Plated Steel, Hex Lag Bolt	23.87	
		For >10 To 50, Deduct	*-1.06*	
		For >50 To 100, Deduct	*-2.19*	
		For >100 To 250, Deduct	*-4.37*	
		For >250 To 500, Deduct	*-7.62*	
		For >500, Deduct	*-10.87*	
06 05 23 00-0185	EA	1/2" Diameter x 10" Length, Zinc Plated Steel, Hex Lag Bolt	28.14	
		For >10 To 50, Deduct	*-1.23*	
		For >50 To 100, Deduct	*-2.55*	
		For >100 To 250, Deduct	*-5.09*	
		For >250 To 500, Deduct	*-8.86*	
		For >500, Deduct	*-12.64*	
06 05 23 00-0186	EA	1/2" Diameter x 12" Length, Zinc Plated Steel, Hex Lag Bolt	30.70	
		For >10 To 50, Deduct	*-1.34*	
		For >50 To 100, Deduct	*-2.78*	
		For >100 To 250, Deduct	*-5.55*	
		For >250 To 500, Deduct	*-9.67*	
		For >500, Deduct	*-13.78*	
06 05 23 00-0187	EA	3/4" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt	25.81	
		For >10 To 50, Deduct	*-1.06*	
		For >50 To 100, Deduct	*-2.24*	
		For >100 To 250, Deduct	*-4.47*	
		For >250 To 500, Deduct	*-7.77*	
		For >500, Deduct	*-11.06*	
06 05 23 00-0188	EA	3/4" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt	30.84	
		For >10 To 50, Deduct	*-1.23*	
		For >50 To 100, Deduct	*-2.61*	
		For >100 To 250, Deduct	*-5.23*	
		For >250 To 500, Deduct	*-9.07*	
		For >500, Deduct	*-12.91*	
06 05 23 00-0189	EA	3/4" Diameter x 8" Length, Zinc Plated Steel, Hex Lag Bolt	34.15	
		For >10 To 50, Deduct	*-1.28*	
		For >50 To 100, Deduct	*-2.78*	
		For >100 To 250, Deduct	*-5.56*	
		For >250 To 500, Deduct	*-9.62*	
		For >500, Deduct	*-13.68*	
06 05 23 00-0190	EA	3/4" Diameter x 10" Length, Zinc Plated Steel, Hex Lag Bolt	38.41	
		For >10 To 50, Deduct	*-1.40*	
		For >50 To 100, Deduct	*-3.05*	
		For >100 To 250, Deduct	*-6.11*	
		For >250 To 500, Deduct	*-10.55*	
		For >500, Deduct	*-15.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0191	EA	3/4" Diameter x 12" Length, Zinc Plated Steel, Hex Lag Bolt	43.08	
		For >10 To 50, Deduct	*-1.45*	
		For >50 To 100, Deduct	*-3.25*	
		For >100 To 250, Deduct	*-6.51*	
		For >250 To 500, Deduct	*-11.21*	
		For >500, Deduct	*-15.91*	

06 05 23 00-0192 Hot Dipped Galvanized Steel, Hex Lag Bolts *(06 05 23 00-0171)*

06 05 23 00-0193	EA	1/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	14.53	
		For >10 To 50, Deduct	*-0.71*	
		For >50 To 100, Deduct	*-1.43*	
		For >100 To 250, Deduct	*-2.86*	
		For >250 To 500, Deduct	*-5.00*	
		For >500, Deduct	*-7.15*	
06 05 23 00-0194	EA	1/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	14.75	
		For >10 To 50, Deduct	*-0.71*	
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 250, Deduct	*-2.87*	
		For >250 To 500, Deduct	*-5.02*	
		For >500, Deduct	*-7.17*	
06 05 23 00-0195	EA	1/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	14.97	
		For >10 To 50, Deduct	*-0.71*	
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 250, Deduct	*-2.88*	
		For >250 To 500, Deduct	*-5.04*	
		For >500, Deduct	*-7.19*	
06 05 23 00-0196	EA	3/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	16.07	
		For >10 To 50, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-1.57*	
		For >100 To 250, Deduct	*-3.13*	
		For >250 To 500, Deduct	*-5.47*	
		For >500, Deduct	*-7.81*	
06 05 23 00-0197	EA	3/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	17.52	
		For >10 To 50, Deduct	*-0.83*	
		For >50 To 100, Deduct	*-1.68*	
		For >100 To 250, Deduct	*-3.37*	
		For >250 To 500, Deduct	*-5.88*	
		For >500, Deduct	*-8.40*	
06 05 23 00-0198	EA	3/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	17.89	
		For >10 To 50, Deduct	*-0.83*	
		For >50 To 100, Deduct	*-1.69*	
		For >100 To 250, Deduct	*-3.39*	
		For >250 To 500, Deduct	*-5.91*	
		For >500, Deduct	*-8.44*	
06 05 23 00-0199	EA	3/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	22.06	
		For >10 To 50, Deduct	*-1.00*	
		For >50 To 100, Deduct	*-2.05*	
		For >100 To 250, Deduct	*-4.09*	
		For >250 To 500, Deduct	*-7.14*	
		For >500, Deduct	*-10.18*	
06 05 23 00-0200	EA	3/8" Diameter x 10" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	23.64	
		For >10 To 50, Deduct	*-1.05*	
		For >50 To 100, Deduct	*-2.17*	
		For >100 To 250, Deduct	*-4.34*	
		For >250 To 500, Deduct	*-7.56*	
		For >500, Deduct	*-10.78*	
06 05 23 00-0201	EA	1/2" Diameter x 2" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	17.99	
		For >10 To 50, Deduct	*-0.84*	
		For >50 To 100, Deduct	*-1.71*	
		For >100 To 250, Deduct	*-3.41*	
		For >250 To 500, Deduct	*-5.95*	
		For >500, Deduct	*-8.50*	
06 05 23 00-0202	EA	1/2" Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	19.42	
		For >10 To 50, Deduct	*-0.89*	
		For >50 To 100, Deduct	*-1.82*	
		For >100 To 250, Deduct	*-3.65*	
		For >250 To 500, Deduct	*-6.37*	
		For >500, Deduct	*-9.08*	
06 05 23 00-0203	EA	1/2" Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	21.27	
		For >10 To 50, Deduct	*-0.95*	
		For >50 To 100, Deduct	*-1.95*	
		For >100 To 250, Deduct	*-3.91*	
		For >250 To 500, Deduct	*-6.81*	
		For >500, Deduct	*-9.72*	
06 05 23 00-0204	EA	1/2" Diameter x 8" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	24.85	
		For >10 To 50, Deduct	*-1.06*	
		For >50 To 100, Deduct	*-2.21*	
		For >100 To 250, Deduct	*-4.42*	
		For >250 To 500, Deduct	*-7.69*	
		For >500, Deduct	*-10.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0205	EA	1/2" Diameter x 10" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	28.62	
		For >10 To 50, Deduct	*-1.23*	
		For >50 To 100, Deduct	*-2.56*	
		For >100 To 250, Deduct	*-5.12*	
		For >250 To 500, Deduct	*-8.90*	
		For >500, Deduct	*-12.69*	
06 05 23 00-0206	EA	1/2" Diameter x 12" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	31.88	
		For >10 To 50, Deduct	*-1.34*	
		For >50 To 100, Deduct	*-2.81*	
		For >100 To 250, Deduct	*-5.61*	
		For >250 To 500, Deduct	*-9.76*	
		For >500, Deduct	*-13.90*	
06 05 23 00-0207	EA	3/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	26.53	
		For >10 To 50, Deduct	*-1.06*	
		For >50 To 100, Deduct	*-2.25*	
		For >100 To 250, Deduct	*-4.51*	
		For >250 To 500, Deduct	*-7.82*	
		For >500, Deduct	*-11.13*	
06 05 23 00-0208	EA	3/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	31.50	
		For >10 To 50, Deduct	*-1.23*	
		For >50 To 100, Deduct	*-2.63*	
		For >100 To 250, Deduct	*-5.26*	
		For >250 To 500, Deduct	*-9.12*	
		For >500, Deduct	*-12.97*	
06 05 23 00-0209	EA	3/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	35.25	
		For >10 To 50, Deduct	*-1.28*	
		For >50 To 100, Deduct	*-2.81*	
		For >100 To 250, Deduct	*-5.61*	
		For >250 To 500, Deduct	*-9.70*	
		For >500, Deduct	*-13.79*	
06 05 23 00-0210	EA	3/4" Diameter x 10" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	41.01	
		For >10 To 50, Deduct	*-1.40*	
		For >50 To 100, Deduct	*-3.12*	
		For >100 To 250, Deduct	*-6.24*	
		For >250 To 500, Deduct	*-10.75*	
		For >500, Deduct	*-15.26*	
06 05 23 00-0211	EA	3/4" Diameter x 12" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	45.86	
		For >10 To 50, Deduct	*-1.45*	
		For >50 To 100, Deduct	*-3.32*	
		For >100 To 250, Deduct	*-6.64*	
		For >250 To 500, Deduct	*-11.42*	
		For >500, Deduct	*-16.19*	

06 05 23 00-0212 304/18-8 Stainless Steel, Hex Lag Bolts *(06 05 23 00-0171)*

06 05 23 00-0213	EA	1/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	15.25	
		For >10 To 50, Deduct	*-0.71*	
		For >50 To 100, Deduct	*-1.45*	
		For >100 To 250, Deduct	*-2.90*	
		For >250 To 500, Deduct	*-5.06*	
		For >500, Deduct	*-7.22*	
06 05 23 00-0214	EA	1/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	16.01	
		For >10 To 50, Deduct	*-0.71*	
		For >50 To 100, Deduct	*-1.47*	
		For >100 To 250, Deduct	*-2.94*	
		For >250 To 500, Deduct	*-5.11*	
		For >500, Deduct	*-7.29*	
06 05 23 00-0215	EA	1/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	18.07	
		For >10 To 50, Deduct	*-0.71*	
		For >50 To 100, Deduct	*-1.52*	
		For >100 To 250, Deduct	*-3.04*	
		For >250 To 500, Deduct	*-5.27*	
		For >500, Deduct	*-7.50*	
06 05 23 00-0216	EA	3/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	18.11	
		For >10 To 50, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-1.62*	
		For >100 To 250, Deduct	*-3.23*	
		For >250 To 500, Deduct	*-5.62*	
		For >500, Deduct	*-8.02*	
06 05 23 00-0217	EA	3/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	20.37	
		For >10 To 50, Deduct	*-0.83*	
		For >50 To 100, Deduct	*-1.76*	
		For >100 To 250, Deduct	*-3.51*	
		For >250 To 500, Deduct	*-6.10*	
		For >500, Deduct	*-8.69*	
06 05 23 00-0218	EA	3/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	21.69	
		For >10 To 50, Deduct	*-0.83*	
		For >50 To 100, Deduct	*-1.79*	
		For >100 To 250, Deduct	*-3.58*	
		For >250 To 500, Deduct	*-6.20*	
		For >500, Deduct	*-8.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0219	EA	3/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	43.36	
		For >10 To 50, Deduct	*-1.00*	
		For >50 To 100, Deduct	*-2.58*	
		For >100 To 250, Deduct	*-5.16*	
		For >250 To 500, Deduct	*-8.74*	
		For >500, Deduct	*-12.31*	
06 05 23 00-0220	EA	3/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	60.53	
		For >10 To 50, Deduct	*-1.05*	
		For >50 To 100, Deduct	*-3.09*	
		For >100 To 250, Deduct	*-6.18*	
		For >250 To 500, Deduct	*-10.33*	
		For >500, Deduct	*-14.47*	
06 05 23 00-0221	EA	1/2" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	21.85	
		For >10 To 50, Deduct	*-0.84*	
		For >50 To 100, Deduct	*-1.80*	
		For >100 To 250, Deduct	*-3.60*	
		For >250 To 500, Deduct	*-6.24*	
		For >500, Deduct	*-8.88*	
06 05 23 00-0222	EA	1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	25.71	
		For >10 To 50, Deduct	*-0.89*	
		For >50 To 100, Deduct	*-1.98*	
		For >100 To 250, Deduct	*-3.96*	
		For >250 To 500, Deduct	*-6.84*	
		For >500, Deduct	*-9.71*	
06 05 23 00-0223	EA	1/2" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	31.58	
		For >10 To 50, Deduct	*-0.95*	
		For >50 To 100, Deduct	*-2.21*	
		For >100 To 250, Deduct	*-4.42*	
		For >250 To 500, Deduct	*-7.59*	
		For >500, Deduct	*-10.75*	
06 05 23 00-0224	EA	1/2" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	64.41	
		For >10 To 50, Deduct	*-1.06*	
		For >50 To 100, Deduct	*-3.20*	
		For >100 To 250, Deduct	*-6.40*	
		For >250 To 500, Deduct	*-10.66*	
		For >500, Deduct	*-14.92*	
06 05 23 00-0225	EA	1/2" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	87.44	
		For >10 To 50, Deduct	*-1.23*	
		For >50 To 100, Deduct	*-4.03*	
		For >100 To 250, Deduct	*-8.06*	
		For >250 To 500, Deduct	*-13.31*	
		For >500, Deduct	*-18.57*	
06 05 23 00-0226	EA	1/2" Diameter x 12" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	102.02	
		For >10 To 50, Deduct	*-1.34*	
		For >50 To 100, Deduct	*-4.56*	
		For >100 To 250, Deduct	*-9.12*	
		For >250 To 500, Deduct	*-15.02*	
		For >500, Deduct	*-20.91*	
06 05 23 00-0227	EA	3/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	94.44	
		For >10 To 50, Deduct	*-1.06*	
		For >50 To 100, Deduct	*-3.95*	
		For >100 To 250, Deduct	*-7.90*	
		For >250 To 500, Deduct	*-12.91*	
		For >500, Deduct	*-17.92*	
06 05 23 00-0228	EA	3/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	107.97	
		For >10 To 50, Deduct	*-1.23*	
		For >50 To 100, Deduct	*-4.54*	
		For >100 To 250, Deduct	*-9.08*	
		For >250 To 500, Deduct	*-14.85*	
		For >500, Deduct	*-20.62*	
06 05 23 00-0229	EA	3/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	112.35	
		For >10 To 50, Deduct	*-1.28*	
		For >50 To 100, Deduct	*-4.73*	
		For >100 To 250, Deduct	*-9.47*	
		For >250 To 500, Deduct	*-15.48*	
		For >500, Deduct	*-21.50*	
06 05 23 00-0230	EA	3/4" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	155.24	
		For >10 To 50, Deduct	*-1.40*	
		For >50 To 100, Deduct	*-5.97*	
		For >100 To 250, Deduct	*-11.95*	
		For >250 To 500, Deduct	*-19.32*	
		For >500, Deduct	*-26.68*	
06 05 23 00-0231	EA	3/4" Diameter x 12" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	169.31	
		For >10 To 50, Deduct	*-1.45*	
		For >50 To 100, Deduct	*-6.41*	
		For >100 To 250, Deduct	*-12.82*	
		For >250 To 500, Deduct	*-20.68*	
		For >500, Deduct	*-28.54*	

06 05 23 00-0232 Stainless Steel Screws *(06 05 23 00-0093)*

06 05 23 00-0233	EA	#8 x 1-1/2" Stainless Steel Screw	2.25
06 05 23 00-0234	EA	#9 x 1-1/2" Stainless Steel Screw	2.30
06 05 23 00-0235	EA	#10 x 1-1/2" Stainless Steel Screw	2.36
06 05 23 00-0236	EA	#12 x 1-1/2" Stainless Steel Screw	2.55

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0237		**Galvanized Steel Screws** *(06 05 23 00-0093)*		
06 05 23 00-0238	EA	#8 x 1-1/2" Galvanized Steel Screw	2.08	
06 05 23 00-0239	EA	#9 x 1-1/2" Galvanized Steel Screw	2.12	
06 05 23 00-0240	EA	#10 x 1-1/2" Galvanized Steel Screw	2.18	
06 05 23 00-0241	EA	#12 x 1-1/2" Galvanized Steel Screw	2.33	
06 05 23 00-0242	EA	#8 x 2-1/2" Galvanized Steel Screw	2.12	
06 05 23 00-0243	EA	#9 x 2-1/2" Galvanized Steel Screw	2.16	
06 05 23 00-0244	EA	#10 x 2-1/2" Galvanized Steel Screw	2.22	
06 05 23 00-0245	EA	#12 x 2-1/2" Galvanized Steel Screw	2.42	
06 05 23 00-0246		**Timber Bolts** *(06 05 23 00-0093)*		
		Note: Includes drilling of holes in any material.		
06 05 23 00-0247	EA	5/8" - 11 x 4" Threaded x 8" OAL A153 Galvanized Timber Bolt (Fastenal #11103914)	37.23	
		For >10 To 50, Deduct	*-1.18*	
		For >50 To 100, Deduct	*-2.70*	
		For >100 To 250, Deduct	*-5.40*	
		For >250 To 500, Deduct	*-9.28*	
		For >500, Deduct	*-13.16*	
06 05 23 00-0248	EA	5/8" - 11 x 4" Threaded x 10" OAL A153 Galvanized Timber Bolt (Fastenal #11103915)	42.10	
		For >10 To 50, Deduct	*-1.32*	
		For >50 To 100, Deduct	*-3.03*	
		For >100 To 250, Deduct	*-6.07*	
		For >250 To 500, Deduct	*-10.42*	
		For >500, Deduct	*-14.78*	
06 05 23 00-0249	EA	5/8" - 11 x 6" Threaded x 12" OAL A153 Galvanized Timber Bolt (Fastenal #11103916)	45.50	
		For >10 To 50, Deduct	*-1.41*	
		For >50 To 100, Deduct	*-3.25*	
		For >100 To 250, Deduct	*-6.49*	
		For >250 To 500, Deduct	*-11.15*	
		For >500, Deduct	*-15.80*	
06 05 23 00-0250	EA	5/8" - 11 x 6" Threaded x 14" OAL A153 Galvanized Timber Bolt (Fastenal #11103917)	50.89	
		For >10 To 50, Deduct	*-1.49*	
		For >50 To 100, Deduct	*-3.50*	
		For >100 To 250, Deduct	*-7.01*	
		For >250 To 500, Deduct	*-12.00*	
		For >500, Deduct	*-16.99*	
06 05 23 00-0251	EA	5/8" - 11 x 6" Threaded x 16" OAL A153 Galvanized Timber Bolt (Fastenal #11103918)	54.19	
		For >10 To 50, Deduct	*-1.57*	
		For >50 To 100, Deduct	*-3.71*	
		For >100 To 250, Deduct	*-7.41*	
		For >250 To 500, Deduct	*-12.69*	
		For >500, Deduct	*-17.96*	
06 05 23 00-0252	EA	5/8" - 11 x 6" Threaded x 18" OAL A153 Galvanized Timber Bolt (Fastenal #11103919)	56.25	
		For >10 To 50, Deduct	*-1.64*	
		For >50 To 100, Deduct	*-3.86*	
		For >100 To 250, Deduct	*-7.72*	
		For >250 To 500, Deduct	*-13.22*	
		For >500, Deduct	*-18.72*	
06 05 23 00-0253	EA	3/4" - 11 x 4" Threaded x 10" OAL A153 Galvanized Timber Bolt (Fastenal #11103920)	50.57	
		For >10 To 50, Deduct	*-1.41*	
		For >50 To 100, Deduct	*-3.37*	
		For >100 To 250, Deduct	*-6.75*	
		For >250 To 500, Deduct	*-11.53*	
		For >500, Deduct	*-16.31*	
06 05 23 00-0254	EA	3/4" - 11 x 6" Threaded x 12" OAL A153 Galvanized Timber Bolt (Fastenal #11103921)	52.92	
		For >10 To 50, Deduct	*-1.46*	
		For >50 To 100, Deduct	*-3.52*	
		For >100 To 250, Deduct	*-7.04*	
		For >250 To 500, Deduct	*-12.02*	
		For >500, Deduct	*-17.00*	
06 05 23 00-0255	EA	3/4" - 11 x 6" Threaded x 14" OAL A153 Galvanized Timber Bolt (Fastenal #11103922)	58.77	
		For >10 To 50, Deduct	*-1.55*	
		For >50 To 100, Deduct	*-3.80*	
		For >100 To 250, Deduct	*-7.59*	
		For >250 To 500, Deduct	*-12.94*	
		For >500, Deduct	*-18.28*	
06 05 23 00-0256	EA	3/4" - 11 x 6" Threaded x 16" OAL A153 Galvanized Timber Bolt (Fastenal #11103923)	63.16	
		For >10 To 50, Deduct	*-1.63*	
		For >50 To 100, Deduct	*-4.02*	
		For >100 To 250, Deduct	*-8.05*	
		For >250 To 500, Deduct	*-13.70*	
		For >500, Deduct	*-19.36*	
06 05 23 00-0257	EA	3/4" - 11 x 6" Threaded x 18" OAL A153 Galvanized Timber Bolt (Fastenal #11103924)	67.97	
		For >10 To 50, Deduct	*-1.71*	
		For >50 To 100, Deduct	*-4.27*	
		For >100 To 250, Deduct	*-8.53*	
		For >250 To 500, Deduct	*-14.51*	
		For >500, Deduct	*-20.49*	
06 05 23 00-0258		**Supports** *(06 05 23)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0259		**Shear Plates** *(06 05 23 00-0258)*		
06 05 23 00-0260	EA	2-5/8" Diameter, Shear Plate	14.85	4.22
		For >10 To 50, Deduct	*-0.47*	
		For >50 To 100, Deduct	*-1.08*	
		For >100 To 250, Deduct	*-2.17*	
		For >250 To 500, Deduct	*-3.72*	
		For >500, Deduct	*-5.28*	
06 05 23 00-0261	EA	4" Diameter, Shear Plate	14.40	4.44
		For >10 To 50, Deduct	*-0.50*	
		For >50 To 100, Deduct	*-1.10*	
		For >100 To 250, Deduct	*-2.21*	
		For >250 To 500, Deduct	*-3.80*	
		For >500, Deduct	*-5.40*	
06 05 23 00-0262		**Sill Anchors** *(06 05 23 00-0258)*		
06 05 23 00-0263	EA	Sill Anchor Embedded In Concrete	12.94	4.44
		For >10 To 50, Deduct	*-0.50*	
		For >50 To 100, Deduct	*-1.07*	
		For >100 To 250, Deduct	*-2.13*	
		For >250 To 500, Deduct	*-3.69*	
		For >500, Deduct	*-5.25*	
06 05 23 00-0264		**Spike Grids** *(06 05 23 00-0258)*		
06 05 23 00-0265	EA	3" x 6" Flat Or Curved Spike Grid	11.62	4.22
		For >10 To 50, Deduct	*-0.47*	
		For >50 To 100, Deduct	*-1.00*	
		For >100 To 250, Deduct	*-2.00*	
		For >250 To 500, Deduct	*-3.48*	
		For >500, Deduct	*-4.96*	
06 05 23 00-0266		**Split Rings** *(06 05 23 00-0258)*		
06 05 23 00-0267	EA	2-1/2" Diameter Split Ring	15.03	4.22
		For >10 To 50, Deduct	*-0.47*	
		For >50 To 100, Deduct	*-1.09*	
		For >100 To 250, Deduct	*-2.18*	
		For >250 To 500, Deduct	*-3.74*	
		For >500, Deduct	*-5.30*	
06 05 23 00-0268	EA	4" Diameter Split Ring	16.19	4.67
		For >10 To 50, Deduct	*-0.52*	
		For >50 To 100, Deduct	*-1.18*	
		For >100 To 250, Deduct	*-2.36*	
		For >250 To 500, Deduct	*-4.06*	
		For >500, Deduct	*-5.76*	
06 05 23 00-0269		**Toothed Rings** *(06 05 23 00-0258)*		
06 05 23 00-0270	EA	2-5/8" Or 4" Toothed Ring	12.27	4.22
		For >10 To 50, Deduct	*-0.47*	
		For >50 To 100, Deduct	*-1.02*	
		For >100 To 250, Deduct	*-2.04*	
		For >250 To 500, Deduct	*-3.53*	
		For >500, Deduct	*-5.02*	
06 05 23 00-0271		**Straps And Shields** *(06 05 23)*		
06 05 23 00-0272		**Shield Plate** *(06 05 23 00-0271)*		
06 05 23 00-0273	EA	5" Wide x 8" Long, 16 Gauge, Galvanized Shield Plate (Simpson Strong Tie® PSPN58Z)	8.73	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.29*	
		For >100 To 250, Deduct	*-0.58*	
		For >250 To 500, Deduct	*-1.01*	
		For >500, Deduct	*-1.53*	
06 05 23 00-0274	EA	5" Wide x 16" Long, 16 Gauge, Galvanized Shield Plate (Simpson Strong Tie® PSPN516Z)	13.91	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.43*	
		For >100 To 250, Deduct	*-0.87*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-2.18*	
06 05 23 00-0275		**Strap Ties** *(06 05 23 00-0271)*		
06 05 23 00-0276	EA	1-1/4" Wide x 9" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA9)	3.35	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.14*	
		For >100 To 250, Deduct	*-0.28*	
		For >250 To 500, Deduct	*-0.54*	
		For >500, Deduct	*-0.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0277	EA	1-1/4" Wide x 12" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA12)	3.44	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.14*	
		For >100 To 250, Deduct	*-0.29*	
		For >250 To 500, Deduct	*-0.54*	
		For >500, Deduct	*-0.87*	
06 05 23 00-0278	EA	1-1/4" Wide x 15" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA15)	4.40	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.18*	
		For >100 To 250, Deduct	*-0.36*	
		For >250 To 500, Deduct	*-0.69*	
		For >500, Deduct	*-1.10*	
06 05 23 00-0279	EA	1-1/4" Wide x 18" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA18)	4.57	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.19*	
		For >100 To 250, Deduct	*-0.37*	
		For >250 To 500, Deduct	*-0.70*	
		For >500, Deduct	*-1.11*	
06 05 23 00-0280	EA	1-1/4" Wide x 21" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA21)	4.75	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.19*	
		For >100 To 250, Deduct	*-0.38*	
		For >250 To 500, Deduct	*-0.71*	
		For >500, Deduct	*-1.13*	
06 05 23 00-0281	EA	1-1/4" Wide x 24" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA24)	5.45	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.22*	
		For >100 To 250, Deduct	*-0.44*	
		For >250 To 500, Deduct	*-0.84*	
		For >500, Deduct	*-1.33*	
06 05 23 00-0282	EA	1-1/4" Wide x 30" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA30)	7.08	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.26*	
		For >100 To 250, Deduct	*-0.52*	
		For >250 To 500, Deduct	*-0.96*	
		For >500, Deduct	*-1.49*	
06 05 23 00-0283	EA	1-1/4" Wide x 36" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA36)	8.21	
		For >10 To 50, Deduct	*-0.10*	
		For >50 To 100, Deduct	*-0.31*	
		For >100 To 250, Deduct	*-0.61*	
		For >250 To 500, Deduct	*-1.11*	
		For >500, Deduct	*-1.74*	
06 05 23 00-0284	EA	1-1/4" Wide x 9" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA9)	3.72	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.15*	
		For >100 To 250, Deduct	*-0.30*	
		For >250 To 500, Deduct	*-0.56*	
		For >500, Deduct	*-0.89*	
06 05 23 00-0285	EA	1-1/4" Wide x 12" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA12)	3.85	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.15*	
		For >100 To 250, Deduct	*-0.31*	
		For >250 To 500, Deduct	*-0.57*	
		For >500, Deduct	*-0.91*	
06 05 23 00-0286	EA	1-1/4" Wide x 15" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA15)	4.91	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.19*	
		For >100 To 250, Deduct	*-0.39*	
		For >250 To 500, Deduct	*-0.72*	
		For >500, Deduct	*-1.15*	
06 05 23 00-0287	EA	1-1/4" Wide x 18" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA18)	5.13	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.20*	
		For >100 To 250, Deduct	*-0.40*	
		For >250 To 500, Deduct	*-0.74*	
		For >500, Deduct	*-1.17*	
06 05 23 00-0288	EA	1-1/4" Wide x 21" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA21)	5.23	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.20*	
		For >100 To 250, Deduct	*-0.40*	
		For >250 To 500, Deduct	*-0.75*	
		For >500, Deduct	*-1.18*	
06 05 23 00-0289	EA	1-1/4" Wide x 24" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA24)	5.96	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.23*	
		For >100 To 250, Deduct	*-0.47*	
		For >250 To 500, Deduct	*-0.87*	
		For >500, Deduct	*-1.38*	
06 05 23 00-0290	EA	1-1/4" Wide x 30" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA30)	7.42	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.27*	
		For >100 To 250, Deduct	*-0.54*	
		For >250 To 500, Deduct	*-0.98*	
		For >500, Deduct	*-1.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0291	EA	1-1/4" Wide x 36" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA36)	8.23	
		For >10 To 50, Deduct	*-0.10*	
		For >50 To 100, Deduct	*-0.31*	
		For >100 To 250, Deduct	*-0.61*	
		For >250 To 500, Deduct	*-1.12*	
		For >500, Deduct	*-1.74*	
06 05 23 00-0292	EA	1-1/4" Wide x 36" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA49)	13.00	
		For >10 To 50, Deduct	*-0.11*	
		For >50 To 100, Deduct	*-0.44*	
		For >100 To 250, Deduct	*-0.88*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-2.35*	
06 05 23 00-0293	EA	1-1/4" Wide x 9" Long, 16 Gauge, Galvanized Strap Tie (Simpson Strong Tie® ST9)	4.39	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.17*	
		For >100 To 250, Deduct	*-0.33*	
		For >250 To 500, Deduct	*-0.61*	
		For >500, Deduct	*-0.96*	
06 05 23 00-0294	EA	1-1/4" Wide x 12" Long, 16 Gauge, Galvanized Strap Tie (Simpson Strong Tie® ST12)	4.41	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.17*	
		For >100 To 250, Deduct	*-0.33*	
		For >250 To 500, Deduct	*-0.61*	
		For >500, Deduct	*-0.96*	
06 05 23 00-0295	EA	1-1/4" Wide x 18" Long, 16 Gauge, Galvanized Strap Tie (Simpson Strong Tie® ST18)	5.36	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.41*	
		For >250 To 500, Deduct	*-0.76*	
		For >500, Deduct	*-1.19*	
06 05 23 00-0296	EA	1-1/4" Wide x 22" Long, 16 Gauge, Galvanized Strap Tie (Simpson Strong Tie® ST22)	7.42	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.27*	
		For >100 To 250, Deduct	*-0.54*	
		For >250 To 500, Deduct	*-0.98*	
		For >500, Deduct	*-1.53*	
06 05 23 00-0297	EA	1-3/8" Wide x 6" Long, 12 Gauge, Galvanized Strap Tie (Simpson Strong Tie® HRS6)	6.34	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.22*	
		For >100 To 250, Deduct	*-0.43*	
		For >250 To 500, Deduct	*-0.76*	
		For >500, Deduct	*-1.16*	
06 05 23 00-0298	EA	1-3/8" Wide x 8" Long, 12 Gauge, Galvanized Strap Tie (Simpson Strong Tie® HRS8)	7.00	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.23*	
		For >100 To 250, Deduct	*-0.46*	
		For >250 To 500, Deduct	*-0.81*	
		For >500, Deduct	*-1.22*	
06 05 23 00-0299	EA	1-3/8" Wide x 12" Long, 12 Gauge, Galvanized Strap Tie (Simpson Strong Tie® HRS12)	9.19	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.30*	
		For >100 To 250, Deduct	*-0.60*	
		For >250 To 500, Deduct	*-1.05*	
		For >500, Deduct	*-1.57*	
06 05 23 00-0300	EA	2-1/16" Wide x 27" Long, 12 Gauge, Galvanized Medium Strap Tie (Simpson Strong Tie® MST27)	13.67	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.43*	
		For >100 To 250, Deduct	*-0.85*	
		For >250 To 500, Deduct	*-1.45*	
		For >500, Deduct	*-2.15*	
06 05 23 00-0301	EA	2-1/16" Wide x 37" Long, 12 Gauge, Galvanized Medium Strap Tie (Simpson Strong Tie® MST37)	17.04	
		For >10 To 50, Deduct	*-0.10*	
		For >50 To 100, Deduct	*-0.53*	
		For >100 To 250, Deduct	*-1.05*	
		For >250 To 500, Deduct	*-1.78*	
		For >500, Deduct	*-2.62*	
06 05 23 00-0302	EA	2-1/16" Wide x 48" Long, 12 Gauge, Galvanized Medium Strap Tie (Simpson Strong Tie® MST48)	25.22	
		For >10 To 50, Deduct	*-0.11*	
		For >50 To 100, Deduct	*-0.74*	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-3.57*	
06 05 23 00-0303	EA	2-1/16" Wide x 60" Long, 12 Gauge, Galvanized Medium Strap Tie (Simpson Strong Tie® MST60)	43.94	
		For >10 To 50, Deduct	*-0.13*	
		For >50 To 100, Deduct	*-1.23*	
		For >100 To 250, Deduct	*-2.45*	
		For >250 To 500, Deduct	*-3.94*	
		For >500, Deduct	*-5.57*	
06 05 23 00-0304	EA	2-1/16" Wide x 72" Long, 12 Gauge, Galvanized Medium Strap Tie (Simpson Strong Tie® MST72)	56.66	
		For >10 To 50, Deduct	*-0.14*	
		For >50 To 100, Deduct	*-1.56*	
		For >100 To 250, Deduct	*-3.12*	
		For >250 To 500, Deduct	*-4.96*	
		For >500, Deduct	*-6.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0305	EA	3" Wide x 28-1/4" Long, 16 Gauge, Galvanized Strap Ties (Simpson Strong Tie® MSTC28)	16.31	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.49*	
		For >100 To 250, Deduct	*-0.99*	
		For >250 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-2.42*	
06 05 23 00-0306	EA	3" Wide x 40-1/4" Long, 16 Gauge, Galvanized Strap Ties (Simpson Strong Tie® MSTC40)	21.06	
		For >10 To 50, Deduct	*-0.10*	
		For >50 To 100, Deduct	*-0.63*	
		For >100 To 250, Deduct	*-1.25*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-3.02*	
06 05 23 00-0307	EA	3" Wide x 52-1/4" Long, 16 Gauge, Galvanized Strap Ties (Simpson Strong Tie® MSTC52)	24.59	
		For >10 To 50, Deduct	*-0.11*	
		For >50 To 100, Deduct	*-0.73*	
		For >100 To 250, Deduct	*-1.46*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-3.51*	
06 05 23 00-0308	EA	3" Wide x 66-1/4" Long, 16 Gauge, Galvanized Strap Ties (Simpson Strong Tie® MSTC66)	37.46	
		For >10 To 50, Deduct	*-0.13*	
		For >50 To 100, Deduct	*-1.06*	
		For >100 To 250, Deduct	*-2.13*	
		For >250 To 500, Deduct	*-3.45*	
		For >500, Deduct	*-4.92*	

06 05 23 00-0309 Twist Strap Ties *(06 05 23 00-0271)*

06 05 23 00-0310	EA	1-1/4" Wide x 12" Long, 18 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® LTS12)	3.93	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.31*	
		For >250 To 500, Deduct	*-0.58*	
		For >500, Deduct	*-0.92*	
06 05 23 00-0311	EA	1-1/4" Wide x 16" Long, 18 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® LTS16)	4.94	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.19*	
		For >100 To 250, Deduct	*-0.38*	
		For >250 To 500, Deduct	*-0.69*	
		For >500, Deduct	*-1.08*	
06 05 23 00-0312	EA	1-1/4" Wide x 18" Long, 18 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® LTS18)	5.70	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.43*	
		For >250 To 500, Deduct	*-0.78*	
		For >500, Deduct	*-1.23*	
06 05 23 00-0313	EA	1-1/4" Wide x 20" Long, 18 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® LTS20)	6.17	
		For >10 To 50, Deduct	*-0.08*	
		For >50 To 100, Deduct	*-0.23*	
		For >100 To 250, Deduct	*-0.47*	
		For >250 To 500, Deduct	*-0.85*	
		For >500, Deduct	*-1.34*	
06 05 23 00-0314	EA	1-1/4" Wide x 12" Long, 16 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® MTS12)	3.88	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.15*	
		For >100 To 250, Deduct	*-0.31*	
		For >250 To 500, Deduct	*-0.57*	
		For >500, Deduct	*-0.91*	
06 05 23 00-0315	EA	1-1/4" Wide x 16" Long, 16 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® MTS16)	5.02	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.19*	
		For >100 To 250, Deduct	*-0.38*	
		For >250 To 500, Deduct	*-0.70*	
		For >500, Deduct	*-1.09*	
06 05 23 00-0316	EA	1-1/4" Wide x 18" Long, 16 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® MTS18)	5.84	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.22*	
		For >100 To 250, Deduct	*-0.43*	
		For >250 To 500, Deduct	*-0.79*	
		For >500, Deduct	*-1.24*	
06 05 23 00-0317	EA	1-1/4" Wide x 20" Long, 16 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® MTS20)	6.22	
		For >10 To 50, Deduct	*-0.08*	
		For >50 To 100, Deduct	*-0.23*	
		For >100 To 250, Deduct	*-0.47*	
		For >250 To 500, Deduct	*-0.86*	
		For >500, Deduct	*-1.34*	
06 05 23 00-0318	EA	1-1/4" Wide x 24" Long, 16 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® MTS24)	8.51	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.30*	
		For >100 To 250, Deduct	*-0.60*	
		For >250 To 500, Deduct	*-1.06*	
		For >500, Deduct	*-1.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0319	EA	1-1/4" Wide x 16" Long, 14 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® HTS16)	6.51	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.23*	
		For >100 To 250, Deduct	*-0.45*	
		For >250 To 500, Deduct	*-0.81*	
		For >500, Deduct	*-1.24*	
06 05 23 00-0320	EA	1-1/4" Wide x 20" Long, 14 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® HTS20)	7.79	
		For >10 To 50, Deduct	*-0.08*	
		For >50 To 100, Deduct	*-0.27*	
		For >100 To 250, Deduct	*-0.55*	
		For >250 To 500, Deduct	*-0.98*	
		For >500, Deduct	*-1.50*	
06 05 23 00-0321	EA	1-1/4" Wide x 24" Long, 14 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® HTS24)	9.06	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.31*	
		For >100 To 250, Deduct	*-0.62*	
		For >250 To 500, Deduct	*-1.11*	
		For >500, Deduct	*-1.69*	

06 05 23 00-0322 Retrofit Plate Strap *(06 05 23 00-0271)*

06 05 23 00-0323	EA	1-3/8" Wide x 18-5/16" Long, 16 Gauge, Galvanized Retrofit Plate Strap (Simpson Strong Tie® RPS18)	6.52	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.23*	
		For >100 To 250, Deduct	*-0.47*	
		For >250 To 500, Deduct	*-0.85*	
		For >500, Deduct	*-1.31*	
06 05 23 00-0324	EA	1-3/8" Wide x 22-5/16" Long, 16 Gauge, Galvanized Retrofit Plate Strap (Simpson Strong Tie® RPS22)	7.46	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.26*	
		For >100 To 250, Deduct	*-0.52*	
		For >250 To 500, Deduct	*-0.92*	
		For >500, Deduct	*-1.40*	
06 05 23 00-0325	EA	1-3/8" Wide x 28-5/16" Long, 16 Gauge, Galvanized Retrofit Plate Strap (Simpson Strong Tie® RPS28)	8.96	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.30*	
		For >100 To 250, Deduct	*-0.59*	
		For >250 To 500, Deduct	*-1.03*	
		For >500, Deduct	*-1.55*	

06 05 23 00-0326 Stud Shoe *(06 05 23 00-0271)*

06 05 23 00-0327	EA	6" High With 3-1/4" Wide Tabs For 2X Stud, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® SS1.5)	11.15	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.36*	
		For >100 To 250, Deduct	*-0.73*	
		For >250 To 500, Deduct	*-1.26*	
		For >500, Deduct	*-1.90*	
06 05 23 00-0328	EA	6" High With 3-1/4" Wide Tabs For 3X Stud, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® SS2.5)	22.17	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.64*	
		For >100 To 250, Deduct	*-1.28*	
		For >250 To 500, Deduct	*-2.09*	
		For >500, Deduct	*-3.00*	
06 05 23 00-0329	EA	6" High With 3-1/4" Wide Tabs For 2-2X Studs, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® SS3)	22.27	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.64*	
		For >100 To 250, Deduct	*-1.28*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-3.01*	
06 05 23 00-0330	EA	6" High With 3-1/4" Wide Tabs For 3-2X Studs, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® SS4.5)	29.93	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.83*	
		For >100 To 250, Deduct	*-1.67*	
		For >250 To 500, Deduct	*-2.67*	
		For >500, Deduct	*-3.78*	
06 05 23 00-0331	EA	7-1/8" High With 3-1/4" Wide Tabs For 2X Studs, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® HSS2-SDS1.5)	28.10	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.79*	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-2.53*	
		For >500, Deduct	*-3.59*	
06 05 23 00-0332	EA	7-1/8" High With 3-1/4" Wide Tabs For 2-2X Studs, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie HSS2-2-SDS3)	30.47	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.85*	
		For >100 To 250, Deduct	*-1.69*	
		For >250 To 500, Deduct	*-2.71*	
		For >500, Deduct	*-3.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0333	EA	7-1/8" High With 3-1/4" Wide Tabs For 3-2X Studs, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® HSS2-3-SDS3)	32.26	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.89*	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-2.85*	
		For >500, Deduct	*-4.01*	
06 05 23 00-0334	EA	7-1/8" High With 3-1/4" Wide Tabs For 4X Studs, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® HSS4-SDS3)	48.87	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-1.31*	
		For >100 To 250, Deduct	*-2.61*	
		For >250 To 500, Deduct	*-4.09*	
		For >500, Deduct	*-5.67*	

06 05 23 00-0335 Nail Stops *(06 05 23 00-0271)*

06 05 23 00-0336	EA	1-1/2" Wide x 3" Long, 16 Gauge, Galvanized Nail Stops (Simpson Strong Tie® NS1)	3.07	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.13*	
		For >100 To 250, Deduct	*-0.27*	
		For >250 To 500, Deduct	*-0.51*	
		For >500, Deduct	*-0.83*	
06 05 23 00-0337	EA	1-1/2" Wide x 6" Long, 16 Gauge, Galvanized Nail Stops (Simpson Strong Tie® NS2)	3.23	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.14*	
		For >100 To 250, Deduct	*-0.28*	
		For >250 To 500, Deduct	*-0.53*	
		For >500, Deduct	*-0.85*	

06 10 Rough Carpentry *(06)*

06 11 Wood Framing *(06 10)*

Note: All framing lumber is grade #2 or better unless otherwise listed. Dimensions are nominal. See CSI section 06 05 23 00-0000 for anchors and supports.

06 11 13 Engineered Wood Products *(06 11)*

Note: All framing lumber is grade #2 or better unless otherwise listed. Dimensions are nominal.

06 11 13 00-0001 Built-Up Members *(06 11 13)*

Note: A structural framing member made from fastening separate pieces of lumber together.

06 11 13 00-0002 Built-Up Beams Or Joists *(06 11 13 00-0001)*

06 11 13 00-0003	LF	Two 2" x 6" Built-up Wood Beam Or Joist	4.73	1.95
		For Each Additional 2" x_" In The Built Up Member, Add	*0.87*	
06 11 13 00-0004	LF	Two 2" x 8" Built-up Wood Beam Or Joist	5.90	2.30
		For Each Additional 2" x_" In The Built Up Member, Add	*1.23*	
06 11 13 00-0005	LF	Two 2" x 10" Built-up Wood Beam Or Joist	7.54	2.75
		For Each Additional 2" x_" In The Built Up Member, Add	*1.71*	

06 11 16 Mechanically Graded Lumber *(06 11)*

06 11 16 00-0001 Rafters And Joists *(06 11 16)*

06 11 16 00-0002 Rafters *(06 11 16 00-0001)*

Note: An inclined roof framing member to which a roof covering is attached.

06 11 16 00-0003	LF	2" x 6" Wood Rafter	2.71	1.37
06 11 16 00-0004	LF	2" x 8" Wood Rafter	3.18	1.49
06 11 16 00-0005	LF	2" x 10" Wood Rafter	4.58	2.17
06 11 16 00-0006	LF	2" x 12" Wood Rafter	5.28	2.41
06 11 16 00-0007	LF	2" x 14" Wood Rafter	5.74	2.64
06 11 16 00-0008	LF	2" x 6" Pressure Treated Wood Rafter	3.07	1.37
06 11 16 00-0009	LF	2" x 8" Pressure Treated Wood Rafter	3.67	1.49
06 11 16 00-0010	LF	2" x 10" Pressure Treated Wood Rafter	5.00	2.17
06 11 16 00-0011	LF	2" x 12" Pressure Treated Wood Rafter	5.99	2.41

06 11 16 00-0012 Joists *(06 11 16 00-0001)*

Note: A series of parallel beams to support floors or ceilings.

06 11 16 00-0013	LF	2" x 6" Pressure Treated Wood Floor Joist	2.72	1.15
06 11 16 00-0014	LF	2" x 8" Pressure Treated Wood Floor Joist	3.44	1.26
06 11 16 00-0015	LF	2" x 10" Pressure Treated Wood Floor Joist	4.19	1.61
06 11 16 00-0016	LF	2" x 12" Pressure Treated Wood Floor Joist	5.19	1.84

06 11 16 00-0017 Purlins *(06 11 16 00-0001)*

Note: A horizontal structural member in a roof, supporting the loads from the roof deck or sheathing.

06 11 16 00-0018	LF	2" x 4" Wood Purlin	1.89	0.69
06 11 16 00-0019	LF	2" x 6" Wood Purlin	2.38	0.76
06 11 16 00-0020	LF	2" x 8" Wood Purlin	2.90	0.83
06 11 16 00-0021	LF	2" x 10" Wood Purlin	3.55	0.91
06 11 16 00-0022	LF	2" x 4" Pressure Treated Wood Purlin	2.11	0.69

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 11 16 00-0023	LF	2" x 6" Pressure Treated Wood Purlin	2.74	0.76
06 11 16 00-0024	LF	2" x 8" Pressure Treated Wood Purlin	3.39	0.83
06 11 16 00-0025	LF	2" x 10" Pressure Treated Wood Purlin	3.97	0.91
06 11 16 00-0026		**Framing** *(06 11 16)*		
06 11 16 00-0027		**Partition Framing** *(06 11 16 00-0026)*		
06 11 16 00-0028	LF	2" x 4" Wood Stud Framing, For Partition Walls	1.84	0.91
06 11 16 00-0029	LF	2" x 6" Wood Stud Framing, For Partition Walls	2.24	0.98
06 11 16 00-0030	LF	2" x 8" Wood Stud Framing, For Partition Walls	2.66	1.04
06 11 16 00-0031	LF	2" x 4" Pressure Treated Wood Stud Framing, For Partition Walls	2.06	0.91
06 11 16 00-0032	LF	2" x 6" Pressure Treated Wood Stud Framing, For Partition Walls	2.60	0.98
06 11 16 00-0033	LF	2" x 8" Pressure Treated Wood Stud Framing, For Partition Walls	3.15	1.04
06 11 16 00-0034		**Sills And Plates** *(06 11 16)*		
06 11 16 00-0035		**Sills** *(06 11 16 00-0034)*		
		Note: A horizontal member which rests on and is attached to the foundation.		
06 11 16 00-0036	LF	2" x 4" Wood Sill	3.10	1.72
		For "Green" Materials (FSC and SCS certified), Add	*0.08*	
06 11 16 00-0037	LF	2" x 6" Wood Sill	3.74	1.95
		For "Green" Materials (FSC and SCS certified), Add	*0.13*	
06 11 16 00-0038	LF	2" x 8" Wood Sill	4.47	2.17
		For "Green" Materials (FSC and SCS certified), Add	*0.18*	
06 11 16 00-0039	LF	2" x 4" Pressure Treated Wood Sill	3.32	1.72
06 11 16 00-0040	LF	2" x 6" Pressure Treated Wood Sill	4.10	1.95
06 11 16 00-0041	LF	2" x 8" Pressure Treated Wood Sill	4.96	2.17
06 11 16 00-0042		**Plates** *(06 11 16 00-0034)*		
		Note: A horizontal member connecting and terminating studs, posts, joists, rafters, etc. such as the top and bottom plate on a stud framed partition wall.		
06 11 16 00-0043	LF	2" x 4" Wood Plate	3.10	1.72
		For "Green" Materials (FSC and SCS certified), Add	*0.08*	
06 11 16 00-0044	LF	2" x 6" Wood Plate	3.74	1.95
		For "Green" Materials (FSC and SCS certified), Add	*0.13*	
06 11 16 00-0045	LF	2" x 8" Wood Plate	4.44	2.17
		For "Green" Materials (FSC and SCS certified), Add	*0.18*	
06 11 16 00-0046	LF	2" x 4" Pressure Treated Wood Plate	3.32	1.72
06 11 16 00-0047	LF	2" x 6" Pressure Treated Wood Plate	4.10	1.95
06 11 16 00-0048	LF	2" x 8" Pressure Treated Wood Plate	4.93	2.17
06 11 16 00-0049		**Sills And Plates From Redwood** *(06 11 16 00-0034)*		
06 11 16 00-0050		**Construction Grade/Rough** *(06 11 16 00-0049)*		
06 11 16 00-0051	LF	2" x 6" Redwood, Construction Grade/Rough	6.22	1.95
06 11 16 00-0052	LF	2" x 8" Redwood, Construction Grade/Rough	8.34	2.17
06 11 16 00-0053	LF	2" x 10" Redwood, Construction Grade/Rough	10.16	2.41
06 11 16 00-0054	LF	2" x 12" Redwood, Construction Grade/Rough	12.27	2.64
06 11 16 00-0055		**Con Heart/Smooth** *(06 11 16 00-0049)*		
06 11 16 00-0056	LF	2" x 6" Redwood, Con Heart/Smooth	7.64	1.95
06 11 16 00-0057	LF	2" x 8" Redwood, Con Heart/Smooth	10.48	2.17
06 11 16 00-0058	LF	2" x 10" Redwood, Con Heart/Smooth	13.79	2.41
06 11 16 00-0059	LF	2" x 12" Redwood, Con Heart/Smooth	16.57	2.64
06 11 16 00-0060		**Suspended Ceiling Framing** *(06 11 16)*		
06 11 16 00-0061	LF	1" x 2" Wood Suspended Ceiling Framing	2.53	1.49
06 11 16 00-0062	LF	1" x 3" Wood Suspended Ceiling Framing	2.77	1.61
06 11 16 00-0063	LF	1" x 4" Wood Suspended Ceiling Framing	2.90	1.72
06 11 16 00-0064	LF	2" x 2" Wood Suspended Ceiling Framing	2.99	1.72
06 11 16 00-0065	LF	2" x 4" Wood Suspended Ceiling Framing	3.56	1.95
06 11 16 00-0066	LF	1" x 2" Pressure Treated Wood Suspended Ceiling Framing	2.74	1.49
06 11 16 00-0067	LF	1" x 3" Pressure Treated Wood Suspended Ceiling Framing	2.78	1.61
06 11 16 00-0068	LF	1" x 4" Pressure Treated Wood Suspended Ceiling Framing	3.04	1.72
06 11 16 00-0069	LF	2" x 2" Pressure Treated Wood Suspended Ceiling Framing	3.18	1.72
06 11 16 00-0070	LF	2" x 4" Pressure Treated Wood Suspended Ceiling Framing	3.73	1.95
06 11 16 00-0071		**Posts And Girts** *(06 11 16)*		
06 11 16 00-0072		**Posts** *(06 11 16 00-0071)*		
		Note: A vertical, upright framing member.		
06 11 16 00-0073	LF	4" x 4" Wood Post	4.55	2.17
06 11 16 00-0074	LF	4" x 5" Wood Post	5.19	2.52
06 11 16 00-0075	LF	4" x 6" Wood Post	5.71	2.75
06 11 16 00-0076	LF	6" x 6" Wood Post	6.37	2.99

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 11 16 00-0077	LF	8" x 8" Wood Post	7.02	3.10
06 11 16 00-0078	LF	10" x 10" Wood Post	7.65	3.56
06 11 16 00-0079	LF	4" x 4" Pressure Treated Wood Post	6.02	2.17
06 11 16 00-0080	LF	3" x 6" Pressure Treated Wood Post	6.93	2.75
06 11 16 00-0081	LF	4" x 6" Pressure Treated Wood Post	8.46	2.75
06 11 16 00-0082	LF	6" x 6" Pressure Treated Wood Post	11.87	2.99
06 11 16 00-0083		**Girts** *(06 11 16 00-0071)*		
		Note: A horizontal member at intermediate level between columns, studs, or posts.		
06 11 16 00-0084	LF	2" x 4" Wood Girt	2.18	0.82
06 11 16 00-0085	LF	2" x 6" Wood Girt	2.68	0.90
06 11 16 00-0086	LF	2" x 8" Wood Girt	3.22	1.00
06 11 16 00-0087	LF	2" x 10" Wood Girt	3.91	1.10
06 11 16 00-0088	LF	4" x 4" Wood Girt	4.40	1.66
06 11 16 00-0089	LF	4" x 5" Wood Girt	5.06	1.86
06 11 16 00-0090	LF	4" x 6" Wood Girt	5.69	2.06
06 11 16 00-0091	LF	6" x 6" Wood Girt	6.35	2.28
06 11 16 00-0092	LF	8" x 8" Wood Girt	7.00	2.48
06 11 16 00-0093	LF	10" x 10" Wood Girt	7.63	2.69
06 11 16 00-0094	LF	2" x 4" Pressure Treated Wood Girt	2.40	0.82
06 11 16 00-0095	LF	2" x 6" Pressure Treated Wood Girt	3.04	0.90
06 11 16 00-0096	LF	2" x 8" Pressure Treated Wood Girt	3.71	1.00
06 11 16 00-0097	LF	2" x 10" Pressure Treated Wood Girt	4.33	1.10
06 11 16 00-0098	LF	4" x 4" Pressure Treated Wood Girt	6.02	1.66
06 11 16 00-0099	LF	3" x 6" Pressure Treated Wood Girt	6.93	2.06
06 11 16 00-0100	LF	4" x 6" Pressure Treated Wood Girt	8.46	2.06
06 11 16 00-0101	LF	6" x 6" Pressure Treated Wood Girt	11.87	2.28
06 11 16 00-0102		**Construction Grade/Rough Redwood Posts** *(06 11 16 00-0071)*		
06 11 16 00-0103	LF	4" x 4" Redwood, Construction Grade/Rough Post	9.76	2.17
		For Smooth "Clear", Add	*1.29*	
06 11 16 00-0104	LF	4" x 5" Redwood, Construction Grade/Rough Post	11.78	2.52
		For Smooth "Clear", Add	*1.61*	
06 11 16 00-0105	LF	4" x 6" Redwood, Construction Grade/Rough Post	13.83	2.75
		For Smooth "Clear", Add	*1.94*	
06 11 16 00-0106	LF	4" x 8" Redwood, Construction Grade/Rough Post	17.26	2.83
		For Smooth "Clear", Add	*2.59*	
06 11 16 00-0107	LF	4" x 10" Redwood, Construction Grade/Rough Post	20.76	3.02
		For Smooth "Clear", Add	*3.24*	
06 11 16 00-0108	LF	6" x 6" Redwood, Construction Grade/Rough Post	19.12	2.99
		For Smooth "Clear", Add	*2.91*	
06 11 16 00-0109	LF	6" x 8" Redwood, Construction Grade/Rough Post	24.15	3.10
		For Smooth "Clear", Add	*3.89*	
06 11 16 00-0110	LF	6" x 10" Redwood, Construction Grade/Rough Post	29.14	2.91
		For Smooth "Clear", Add	*4.86*	
06 11 16 00-0111	LF	8" x 8" Redwood, Construction Grade/Rough Post	30.87	3.10
		For Smooth "Clear", Add	*5.18*	
06 11 16 00-0112		**Stair Stringers** *(06 11 16)*		
06 11 16 00-0113	LF	2" x 10" Wood Stair Stringer	8.56	4.59
		For "Green" Materials (FSC and SCS certified), Add	*0.25*	
06 11 16 00-0114	LF	2" x 12" Wood Stair Stringer	10.12	5.39
		For "Green" Materials (FSC and SCS certified), Add	*0.31*	
06 11 16 00-0115	LF	2" x 10" Pressure Treated Wood Stair Stringer	9.01	4.59
06 11 16 00-0116	LF	2" x 12" Pressure Treated Wood Stair Stringer	10.81	5.39
06 11 16 00-0117		**Blocking And Sleepers** *(06 11 16)*		
06 11 16 00-0118		**Pressure Treated Lattice** *(06 11 16 00-0117)*		
06 11 16 00-0119	SF	3/4" Thick Pressure Treated Wood Lattice	7.05	2.41
06 11 16 00-0120		**Sleepers** *(06 11 16 00-0117)*		
06 11 16 00-0121		**Sleepers To Wood** *(06 11 16 00-0120)*		
06 11 16 00-0122	LF	1" x 2" Pressure Treated Wood Sleeper On Wood	1.24	0.41
06 11 16 00-0123	LF	1" x 3" Pressure Treated Wood Sleeper On Wood	1.28	0.46
06 11 16 00-0124	LF	1" x 4" Pressure Treated Wood Sleeper On Wood	1.54	0.52
06 11 16 00-0125	LF	2" x 4" Pressure Treated Wood Sleeper On Wood	2.32	0.63
06 11 16 00-0126	LF	2" x 6" Pressure Treated Wood Sleeper On Wood	3.15	0.69
06 11 16 00-0127		**Sleepers To Concrete** *(06 11 16 00-0120)*		
06 11 16 00-0128	LF	1" x 2" Pressure Treated Wood Sleeper On Concrete	1.28	0.41
06 11 16 00-0129	LF	1" x 3" Pressure Treated Wood Sleeper On Concrete	1.32	0.46
06 11 16 00-0130	LF	1" x 4" Pressure Treated Wood Sleeper On Concrete	1.59	0.52
06 11 16 00-0131	LF	2" x 4" Pressure Treated Wood Sleeper On Concrete	2.43	0.63
06 11 16 00-0132	LF	2" x 6" Pressure Treated Wood Sleeper On Concrete	3.33	0.69

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 11 16 00-0133		**Roofing Nailers** *(06 11 16)*		
06 11 16 00-0134	LF	2" x 4" Pressure Treated Lumber, For Roofing Nailers	3.38	0.91
06 11 16 00-0135	LF	2" x 6" Pressure Treated Lumber, For Roofing Nailers	3.98	0.98
06 11 16 00-0136	LF	2" x 8" Pressure Treated Lumber, For Roofing Nailers	4.59	1.04
06 11 16 00-0137		**Roofing Sleepers** *(06 11 16)*		
06 11 16 00-0138	LF	2" x 4" Pressure Treated Lumber, For Roofing Sleepers	1.60	
06 11 16 00-0139	LF	4" x 4" Pressure Treated Lumber, For Roofing Sleepers	4.40	
06 11 16 00-0140	LF	4" x 6" Pressure Treated Lumber, For Roofing Sleepers	6.40	
06 11 16 00-0141	LF	6" x 6" Pressure Treated Lumber, For Roofing Sleepers	9.62	
06 11 16 00-0142		**Canopy Framing, Bridging, And Furring** *(06 11 16)*		
06 11 16 00-0143		**Wood And Steel Bridging** *(06 11 16 00-0142)*		
06 11 16 00-0144		**Wood Bridging** *(06 11 16 00-0143)*		
06 11 16 00-0145	EA	1 Pair Wood Bridging, 1" x 3" Cross Type Note: For joists spaced at 16" on center.	9.28	4.02
06 11 16 00-0146	EA	1 Pair Wood Bridging, 2" x 3" Cross Type Note: For joists spaced at 16" on center.	9.56	4.02
06 11 16 00-0147		**Steel Bridging** *(06 11 16 00-0143)*		
06 11 16 00-0148	EA	1 Pair Steel Bridging, Wood Joists At 16" On Center	11.39	4.02
06 11 16 00-0149	EA	1 Pair Steel Bridging, Wood Joists At 24" On Center	11.36	4.02
06 11 16 00-0150		**Light Framing, Trim And Furring** *(06 11 16 00-0142)*		
06 11 16 00-0151		**Redwood Light Framing, Trim And Furring** *(06 11 16 00-0150)* Note: S4S board, select grade 1		
06 11 16 00-0152	LF	1" x 1" Redwood Light Framing, Trim And Furring	2.02	0.94
06 11 16 00-0153	LF	1" x 2" Redwood Light Framing, Trim And Furring	2.35	1.04
06 11 16 00-0154	LF	1" x 4" Redwood Light Framing, Trim And Furring	2.88	1.14
06 11 16 00-0155	LF	1" x 6" Redwood Light Framing, Trim And Furring	3.46	1.25
06 11 16 00-0156	LF	1" x 8" Redwood Light Framing, Trim And Furring	4.09	1.37
06 11 16 00-0157	LF	1" x 10" Redwood Light Framing, Trim And Furring	4.79	1.51
06 11 16 00-0158	LF	2" x 2" Redwood Light Framing, Trim And Furring	3.47	1.25
06 11 16 00-0159	LF	2" x 4" Redwood Light Framing, Trim And Furring	4.11	1.37
06 11 16 00-0160		**Poplar Light Framing, Trim And Furring** *(06 11 16 00-0150)* Note: S4S board, select grade 1		
06 11 16 00-0161	LF	1" x 1" Poplar Light Framing, Trim And Furring	2.36	0.94
06 11 16 00-0162	LF	1" x 2" Poplar Light Framing, Trim And Furring	2.88	1.04
06 11 16 00-0163	LF	1" x 4" Poplar Light Framing, Trim And Furring	3.63	1.14
06 11 16 00-0164	LF	1" x 6" Poplar Light Framing, Trim And Furring	4.61	1.25
06 11 16 00-0165	LF	1" x 8" Poplar Light Framing, Trim And Furring	5.35	1.37
06 11 16 00-0166	LF	1" x 10" Poplar Light Framing, Trim And Furring	7.05	1.51
06 11 16 00-0167	LF	1" x 12" Poplar Light Framing, Trim And Furring	7.62	1.51
06 11 16 00-0168	LF	2" x 2" Poplar Light Framing, Trim And Furring	6.03	1.25
06 11 16 00-0169	LF	2" x 4" Poplar Light Framing, Trim And Furring	6.76	1.37
06 11 16 00-0170	LF	2" x 6" Poplar Light Framing, Trim And Furring	9.04	1.51
06 11 16 00-0171		**Maple Light Framing, Trim And Furring** *(06 11 16 00-0150)* Note: S4S board, select grade 1		
06 11 16 00-0172	LF	1" x 4" Maple Light Framing, Trim And Furring	4.52	1.14
06 11 16 00-0173	LF	1" x 6" Maple Light Framing, Trim And Furring	5.99	1.25
06 11 16 00-0174	LF	1" x 8" Maple Light Framing, Trim And Furring	7.50	1.37

06 13 Heavy Timber Construction *(06 10)*

06 13 23 Heavy Timber Framing *(06 13)*

06 13 23 00-0001		**Heavy Timber Framing** *(06 13 23)* Note: Excludes fasteners. See CSI section 06 05 23 00-0093 for bolts and fasteners.		
06 13 23 00-0002		**Heavy Timber Beams** *(06 13 23 00-0001)*		
06 13 23 00-0003		**Pine, Heavy Timber Beams** *(06 13 23 00-0002)*		
06 13 23 00-0004	LF	4" x 4", Pine, Heavy Timber Beam	6.29	2.03
06 13 23 00-0005	LF	4" x 6", Pine, Heavy Timber Beam	7.58	2.12
06 13 23 00-0006	LF	4" x 8", Pine, Heavy Timber Beam	8.86	2.20
06 13 23 00-0007	LF	4" x 10", Pine, Heavy Timber Beam	11.45	2.35
06 13 23 00-0008	LF	4" x 12", Pine, Heavy Timber Beam	13.57	2.50
06 13 23 00-0009	LF	6" x 6", Pine, Heavy Timber Beam	9.55	2.30

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 13 23 00-0010	LF	6" x 8", Pine, Heavy Timber Beam	11.41	2.41
06 13 23 00-0011	LF	6" x 10", Pine, Heavy Timber Beam	15.28	2.58
06 13 23 00-0012	LF	6" x 12", Pine, Heavy Timber Beam	18.13	2.64
06 13 23 00-0013	LF	8" x 8", Pine, Heavy Timber Beam	13.88	2.50
06 13 23 00-0014	LF	8" x 10", Pine, Heavy Timber Beam	18.65	2.58
06 13 23 00-0015	LF	8" x 12", Pine, Heavy Timber Beam	22.51	2.64
06 13 23 00-0016	LF	10" x 10", Pine, Heavy Timber Beam	22.25	2.64
06 13 23 00-0017	LF	10" x 12", Pine, Heavy Timber Beam	27.17	2.87
06 13 23 00-0018	LF	12" x 12", Pine, Heavy Timber Beam	32.03	3.15
06 13 23 00-0019		Douglas Fir, Heavy Timber Beams *(06 13 23 00-0002)*		
06 13 23 00-0020	LF	4" x 4", Douglas Fir, Heavy Timber Beam	6.52	2.03
06 13 23 00-0021	LF	4" x 6", Douglas Fir, Heavy Timber Beam	7.92	2.12
06 13 23 00-0022	LF	4" x 8", Douglas Fir, Heavy Timber Beam	9.32	2.20
06 13 23 00-0023	LF	4" x 10", Douglas Fir, Heavy Timber Beam	12.12	2.35
06 13 23 00-0024	LF	4" x 12", Douglas Fir, Heavy Timber Beam	14.42	2.50
06 13 23 00-0025	LF	6" x 6", Douglas Fir, Heavy Timber Beam	10.04	2.30
06 13 23 00-0026	LF	6" x 8", Douglas Fir, Heavy Timber Beam	12.07	2.41
06 13 23 00-0027	LF	6" x 10", Douglas Fir, Heavy Timber Beam	16.28	2.58
06 13 23 00-0028	LF	6" x 12", Douglas Fir, Heavy Timber Beam	19.42	2.64
06 13 23 00-0029	LF	8" x 8", Douglas Fir, Heavy Timber Beam	14.76	2.50
06 13 23 00-0030	LF	8" x 10", Douglas Fir, Heavy Timber Beam	20.00	2.58
06 13 23 00-0031	LF	8" x 12", Douglas Fir, Heavy Timber Beam	24.22	2.64
06 13 23 00-0032	LF	10" x 10", Douglas Fir, Heavy Timber Beam	23.93	2.64
06 13 23 00-0033	LF	10" x 12", Douglas Fir, Heavy Timber Beam	29.29	2.87
06 13 23 00-0034	LF	12" x 12", Douglas Fir, Heavy Timber Beam	34.59	3.15
06 13 23 00-0035		Pressure Treated, Heavy Timber Beams *(06 13 23 00-0002)*		
06 13 23 00-0036	LF	4" x 4", Pressure Treated, Heavy Timber Beam	6.80	2.03
06 13 23 00-0037	LF	4" x 6", Pressure Treated, Heavy Timber Beam	8.59	2.12
06 13 23 00-0038	LF	4" x 8", Pressure Treated, Heavy Timber Beam	10.15	2.20
06 13 23 00-0039	LF	4" x 10", Pressure Treated, Heavy Timber Beam	13.38	2.35
06 13 23 00-0040	LF	4" x 12", Pressure Treated, Heavy Timber Beam	16.02	2.50
06 13 23 00-0041	LF	6" x 6", Pressure Treated, Heavy Timber Beam	11.87	2.30
06 13 23 00-0042	LF	6" x 8", Pressure Treated, Heavy Timber Beam	14.54	2.41
06 13 23 00-0043	LF	6" x 10", Pressure Treated, Heavy Timber Beam	17.44	2.58
06 13 23 00-0044	LF	6" x 12", Pressure Treated, Heavy Timber Beam	21.40	2.64
06 13 23 00-0045	LF	8" x 8", Pressure Treated, Heavy Timber Beam	21.61	2.50
06 13 23 00-0046	LF	8" x 10", Pressure Treated, Heavy Timber Beam	25.11	2.58
06 13 23 00-0047	LF	8" x 12", Pressure Treated, Heavy Timber Beam	29.56	2.64
06 13 23 00-0048	LF	10" x 10", Pressure Treated, Heavy Timber Beam	29.69	2.64
06 13 23 00-0049	LF	10" x 12", Pressure Treated, Heavy Timber Beam	39.30	2.87
06 13 23 00-0050	LF	12" x 12", Pressure Treated, Heavy Timber Beam	46.60	3.15
06 13 23 00-0051		Heavy Timber Columns *(06 13 23 00-0001)*		
06 13 23 00-0052		Pine, Heavy Timber Columns *(06 13 23 00-0051)*		
06 13 23 00-0053	LF	4" x 4", Pine, Heavy Timber Column	4.36	1.07
06 13 23 00-0054	LF	4" x 6", Pine, Heavy Timber Column	5.60	1.13
06 13 23 00-0055	LF	4" x 8", Pine, Heavy Timber Column	6.77	1.16
06 13 23 00-0056	LF	4" x 10", Pine, Heavy Timber Column	9.23	1.24
06 13 23 00-0057	LF	4" x 12", Pine, Heavy Timber Column	11.21	1.31
06 13 23 00-0058	LF	6" x 6", Pine, Heavy Timber Column	7.40	1.20
06 13 23 00-0059	LF	6" x 8", Pine, Heavy Timber Column	9.17	1.25
06 13 23 00-0060	LF	6" x 10", Pine, Heavy Timber Column	12.83	1.36
06 13 23 00-0061	LF	6" x 12", Pine, Heavy Timber Column	15.63	1.39
06 13 23 00-0062	LF	8" x 8", Pine, Heavy Timber Column	11.52	1.31
06 13 23 00-0063	LF	8" x 10", Pine, Heavy Timber Column	16.20	1.36
06 13 23 00-0064	LF	8" x 12", Pine, Heavy Timber Column	19.96	1.41
06 13 23 00-0065	LF	10" x 10", Pine, Heavy Timber Column	19.70	1.41
06 13 23 00-0066	LF	10" x 12", Pine, Heavy Timber Column	24.46	1.51
06 13 23 00-0067	LF	12" x 12", Pine, Heavy Timber Column	29.04	1.66
06 13 23 00-0068		Douglas Fir, Heavy Timber Columns *(06 13 23 00-0051)*		
06 13 23 00-0069	LF	4" x 4", Douglas Fir, Heavy Timber Column	4.59	1.07
06 13 23 00-0070	LF	4" x 6", Douglas Fir, Heavy Timber Column	5.94	1.13
06 13 23 00-0071	LF	4" x 8", Douglas Fir, Heavy Timber Column	7.23	1.16
06 13 23 00-0072	LF	4" x 10", Douglas Fir, Heavy Timber Column	9.90	1.24
06 13 23 00-0073	LF	4" x 12", Douglas Fir, Heavy Timber Column	12.06	1.31
06 13 23 00-0074	LF	6" x 6", Douglas Fir, Heavy Timber Column	7.89	1.20
06 13 23 00-0075	LF	6" x 8", Douglas Fir, Heavy Timber Column	9.83	1.25
06 13 23 00-0076	LF	6" x 10", Douglas Fir, Heavy Timber Column	13.83	1.36
06 13 23 00-0077	LF	6" x 12", Douglas Fir, Heavy Timber Column	16.92	1.39
06 13 23 00-0078	LF	8" x 8", Douglas Fir, Heavy Timber Column	12.40	1.31
06 13 23 00-0079	LF	8" x 10", Douglas Fir, Heavy Timber Column	17.55	1.36
06 13 23 00-0080	LF	8" x 12", Douglas Fir, Heavy Timber Column	21.67	1.41
06 13 23 00-0081	LF	10" x 10", Douglas Fir, Heavy Timber Column	21.38	1.41

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 13 23 00-0082	LF	10" x 12", Douglas Fir, Heavy Timber Column	26.58	1.51
06 13 23 00-0083	LF	12" x 12", Douglas Fir, Heavy Timber Column	31.60	1.66
06 13 23 00-0084		Pressure Treated, Heavy Timber Columns *(06 13 23 00-0051)*		
06 13 23 00-0085	LF	4" x 4", Pressure Treated, Heavy Timber Column	4.87	1.07
06 13 23 00-0086	LF	4" x 6", Pressure Treated, Heavy Timber Column	6.61	1.13
06 13 23 00-0087	LF	4" x 8", Pressure Treated, Heavy Timber Column	8.06	1.16
06 13 23 00-0088	LF	4" x 10", Pressure Treated, Heavy Timber Column	11.16	1.24
06 13 23 00-0089	LF	4" x 12", Pressure Treated, Heavy Timber Column	13.66	1.31
06 13 23 00-0090	LF	6" x 6", Pressure Treated, Heavy Timber Column	9.72	1.20
06 13 23 00-0091	LF	6" x 8", Pressure Treated, Heavy Timber Column	12.30	1.25
06 13 23 00-0092	LF	6" x 10", Pressure Treated, Heavy Timber Column	14.99	1.36
06 13 23 00-0093	LF	6" x 12", Pressure Treated, Heavy Timber Column	18.90	1.39
06 13 23 00-0094	LF	8" x 8", Pressure Treated, Heavy Timber Column	19.25	1.31
06 13 23 00-0095	LF	8" x 10", Pressure Treated, Heavy Timber Column	22.66	1.36
06 13 23 00-0096	LF	8" x 12", Pressure Treated, Heavy Timber Column	27.01	1.41
06 13 23 00-0097	LF	10" x 10", Pressure Treated, Heavy Timber Column	27.14	1.41
06 13 23 00-0098	LF	10" x 12", Pressure Treated, Heavy Timber Column	36.59	1.51
06 13 23 00-0099	LF	12" x 12", Pressure Treated, Heavy Timber Column	43.61	1.66

06 15 Wood Decking *(06 10)*

06 15 13 Wood Floor Decking *(06 15)*

06 15 13 00-0001 Wood Deck Systems *(06 15 13)*

Note: Includes the deck, joists, girders, railing posts 8' on-center, pickets and railing. Excludes ground posts.

06 15 13 00-0002 Pressure Treated Wood Deck System *(06 15 13 00-0001)*

06 15 13 00-0003 2" x 8" Joists At 16" On Center, Pressure Treated Wood Deck System *(06 15 13 00-0002)*

06 15 13 00-0004	SF	5/4" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	39.04	8.11
06 15 13 00-0005	SF	5/4" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	37.79	7.72
06 15 13 00-0006	SF	2" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	40.50	8.32
06 15 13 00-0007	SF	2" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	39.26	7.92

06 15 13 00-0008 2" x 10" Joists At 16" On Center, Pressure Treated Wood Deck System *(06 15 13 00-0002)*

06 15 13 00-0009	SF	5/4" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	40.34	8.32
06 15 13 00-0010	SF	5/4" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	39.06	7.91
06 15 13 00-0011	SF	2" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	41.83	8.53
06 15 13 00-0012	SF	2" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center	40.58	8.10

06 15 13 00-0013 2" x 10" Joists At 24" On Center, Pressure Treated Wood Deck System *(06 15 13 00-0002)*

06 15 13 00-0014	SF	5/4" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	39.04	8.11
06 15 13 00-0015	SF	5/4" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	37.79	7.72
06 15 13 00-0016	SF	2" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	40.50	8.32
06 15 13 00-0017	SF	2" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	39.26	7.92

06 15 13 00-0018 Redwood With Pressure Treated Joists, Wood Deck System *(06 15 13 00-0001)*

06 15 13 00-0019 2" x 8" Joists At 16" On Center, Redwood With Pressure Treated Joists, Wood Deck System *(06 15 13 00-0018)*

06 15 13 00-0020	SF	5/4" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	41.70	8.11
06 15 13 00-0021	SF	5/4" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	40.57	7.45
06 15 13 00-0022	SF	2" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	43.83	8.32
06 15 13 00-0023	SF	2" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	42.40	7.92

06 15 13 00-0024 2" x 10" Joists At 16" On Center, Redwood With Pressure Treated Joists, Wood Deck System *(06 15 13 00-0018)*

06 15 13 00-0025	SF	5/4" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	44.52	8.32
06 15 13 00-0026	SF	5/4" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	43.36	7.91
06 15 13 00-0027	SF	2" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	46.83	8.53
06 15 13 00-0028	SF	2" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	45.41	8.10

06 15 13 00-0029 2" x 10" Joists At 24" On Center, Redwood With Pressure Treated Joists, Wood Deck System *(06 15 13 00-0018)*

06 15 13 00-0030	SF	5/4" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	42.77	8.11
06 15 13 00-0031	SF	5/4" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	41.64	7.72
06 15 13 00-0032	SF	2" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	44.96	8.32
06 15 13 00-0033	SF	2" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	44.39	7.92

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 15 13 00-0034		**Wood Ramp Systems** *(06 15 13)* Note: Includes the decking, joists, girders, railing posts at corners and along ramp, pickets and railing. Excludes ground posts.		
06 15 13 00-0035		**Pressure Treated Wood Ramp System** *(06 15 13 00-0034)*		
06 15 13 00-0036		**2" x 6" Joists, Pressure Treated Wood Ramp System** *(06 15 13 00-0035)*		
06 15 13 00-0037	SF	5/4" x 4" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	45.42	7.92
06 15 13 00-0038	SF	5/4" x 6" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	43.83	7.52
06 15 13 00-0039	SF	2" x 4" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	47.02	8.11
06 15 13 00-0040	SF	2" x 6" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	45.43	7.72
06 15 13 00-0041		**2" x 8" Joists, Pressure Treated Wood Ramp System** *(06 15 13 00-0035)*		
06 15 13 00-0042	SF	5/4" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	46.87	8.11
06 15 13 00-0043	SF	5/4" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	45.24	7.72
06 15 13 00-0044	SF	2" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	48.54	8.32
06 15 13 00-0045	SF	2" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	46.90	7.92
06 15 13 00-0046		**2" x 10" Joists, Pressure Treated Wood Ramp System** *(06 15 13 00-0035)*		
06 15 13 00-0047	SF	5/4" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	48.36	8.31
06 15 13 00-0048	SF	5/4" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	46.70	7.91
06 15 13 00-0049	SF	2" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	50.07	8.53
06 15 13 00-0050	SF	2" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	48.40	8.10
06 15 13 00-0051		**Redwood With Pressure Treated Joists, Wood Ramp System** *(06 15 13 00-0034)*		
06 15 13 00-0052		**2" x 6" Joists, Redwood With Pressure Treated Joists, Wood Ramp System** *(06 15 13 00-0051)*		
06 15 13 00-0053	SF	5/4" x 4" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	47.93	7.92
06 15 13 00-0054	SF	5/4" x 6" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	46.44	7.52
06 15 13 00-0055	SF	2" x 4" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	50.16	8.11
06 15 13 00-0056	SF	2" x 6" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	48.38	7.72
06 15 13 00-0057		**2" x 8" Joists, Redwood With Pressure Treated Joists, Wood Ramp System** *(06 15 13 00-0051)*		
06 15 13 00-0058	SF	5/4" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	49.53	8.11
06 15 13 00-0059	SF	5/4" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	48.02	7.72
06 15 13 00-0060	SF	2" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	51.87	8.32
06 15 13 00-0061	SF	2" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	50.04	7.92
06 15 13 00-0062		**2" x 10" Joists, Redwood With Pressure Treated Joists, Wood Ramp System** *(06 15 13 00-0051)*		
06 15 13 00-0063	SF	5/4" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	52.56	8.31
06 15 13 00-0064	SF	5/4" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	51.00	7.91
06 15 13 00-0065	SF	2" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	55.08	8.53
06 15 13 00-0066	SF	2" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	53.78	8.10
06 15 13 00-0067		**Cedar With Pressure Treated Joists, Wood Ramp System** *(06 15 13 00-0034)*		
06 15 13 00-0068		**2" x 6" Joists, Cedar With Pressure Treated Joists, Wood Ramp System** *(06 15 13 00-0067)*		
06 15 13 00-0069	SF	5/4" x 4" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	46.31	7.92
06 15 13 00-0070	SF	5/4" x 6" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	44.75	7.52
06 15 13 00-0071	SF	2" x 4" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	47.99	8.11
06 15 13 00-0072	SF	2" x 6" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	46.43	7.72
06 15 13 00-0073		**2" x 8" Joists, Cedar With Pressure Treated Joists, Wood Ramp System** *(06 15 13 00-0067)*		
06 15 13 00-0074	SF	5/4" x 4" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	47.81	8.11
06 15 13 00-0075	SF	5/4" x 6" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	46.22	7.72
06 15 13 00-0076	SF	2" x 4" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	49.56	8.32
06 15 13 00-0077	SF	2" x 6" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	47.97	7.92
06 15 13 00-0078		**2" x 10" Joists, Cedar With Pressure Treated Joists, Wood Ramp System** *(06 15 13 00-0067)*		
06 15 13 00-0079	SF	5/4" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	49.39	8.31
06 15 13 00-0080	SF	5/4" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	47.75	7.91
06 15 13 00-0081	SF	2" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	51.16	8.53
06 15 13 00-0082	SF	2" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	49.54	8.10
06 15 13 00-0083		**Wood Stair Systems** *(06 15 13)* Note: Includes the decking, joists, girders, railing posts at corners and along stairs, pickets and railing. Excludes ground posts.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 15 13 00-0084		Pressure Treated Wood Stair System *(06 15 13 00-0083)*		
06 15 13 00-0085		2" x 10" Joists, Pressure Treated Wood Stair System *(06 15 13 00-0084)*		
06 15 13 00-0086	RSR	3' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	123.56	19.49
06 15 13 00-0087	RSR	3' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	120.58	18.51
06 15 13 00-0088	RSR	3' Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	127.39	19.98
06 15 13 00-0089	RSR	3' Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	123.78	18.99
06 15 13 00-0090	RSR	3'-6" Wide, 5/4" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	129.75	20.46
06 15 13 00-0091	RSR	3'-6" Wide, 5/4" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	126.62	19.44
06 15 13 00-0092	RSR	3'-6" Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	133.76	20.98
06 15 13 00-0093	RSR	3'-6" Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	129.98	19.94
06 15 13 00-0094	RSR	4' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	136.09	21.48
06 15 13 00-0095	RSR	4' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	132.79	20.41
06 15 13 00-0096	RSR	4' Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	140.29	22.04
06 15 13 00-0097	RSR	4' Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	136.31	20.93
06 15 13 00-0098	RSR	5' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	144.50	22.56
06 15 13 00-0099	RSR	5' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	141.14	21.43
06 15 13 00-0100	RSR	5' Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	149.01	23.13
06 15 13 00-0101	RSR	5' Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	144.88	21.98
06 15 13 00-0102		2" x 12" Joists, Pressure Treated Wood Stair System *(06 15 13 00-0084)*		
06 15 13 00-0103	RSR	3' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	126.19	19.97
06 15 13 00-0104	RSR	3' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	122.63	18.98
06 15 13 00-0105	RSR	3' Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	130.25	20.48
06 15 13 00-0106	RSR	3' Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	126.63	19.46
06 15 13 00-0107	RSR	3'-6" Wide, 5/4" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	132.52	20.97
06 15 13 00-0108	RSR	3'-6" Wide, 5/4" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	128.78	19.93
06 15 13 00-0109	RSR	3'-6" Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	136.76	21.50
06 15 13 00-0110	RSR	3'-6" Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	132.94	20.43
06 15 13 00-0111	RSR	4' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	139.00	22.02
06 15 13 00-0112	RSR	4' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	135.06	20.92
06 15 13 00-0113	RSR	4' Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	143.45	22.58
06 15 13 00-0114	RSR	4' Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	139.43	21.46
06 15 13 00-0115	RSR	5' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	147.58	23.12
06 15 13 00-0116	RSR	5' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	143.52	21.97
06 15 13 00-0117	RSR	5' Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	152.33	23.72
06 15 13 00-0118	RSR	5' Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	148.19	22.53
06 15 13 00-0119		Redwood With Pressure Treated Joists, Wood Stair System *(06 15 13 00-0083)*		
06 15 13 00-0120		2" x 10" Joists, Redwood With Pressure Treated Joists, Wood Stair System *(06 15 13 00-0119)*		
06 15 13 00-0121	RSR	3' Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	138.36	19.49
06 15 13 00-0122	RSR	3' Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	135.24	18.51
06 15 13 00-0123	RSR	3' Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	143.11	19.98
06 15 13 00-0124	RSR	3' Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	139.96	18.99
06 15 13 00-0125	RSR	3'-6" Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	145.29	20.46
06 15 13 00-0126	RSR	3'-6" Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	142.01	19.44
06 15 13 00-0127	RSR	3'-6" Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	150.26	20.98
06 15 13 00-0128	RSR	3'-6" Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	146.97	19.94
06 15 13 00-0129	RSR	4' Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	152.32	21.48
06 15 13 00-0130	RSR	4' Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	148.87	20.41
06 15 13 00-0131	RSR	4' Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	157.54	22.04
06 15 13 00-0132	RSR	4' Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	154.07	20.93
06 15 13 00-0133	RSR	5' Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	162.36	22.56
06 15 13 00-0134	RSR	5' Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	158.83	21.43
06 15 13 00-0135	RSR	5' Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	167.98	23.13
06 15 13 00-0136	RSR	5' Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	164.41	21.98
06 15 13 00-0137		2" x 12" Joists, Redwood With Pressure Treated Joists, Wood Stair System *(06 15 13 00-0119)*		
06 15 13 00-0138	RSR	3' Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	136.63	19.97
06 15 13 00-0139	RSR	3' Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	133.44	18.98
06 15 13 00-0140	RSR	3' Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	141.11	20.48
06 15 13 00-0141	RSR	3' Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	138.00	19.46
06 15 13 00-0142	RSR	3'-6" Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	143.47	20.97
06 15 13 00-0143	RSR	3'-6" Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	140.12	19.93
06 15 13 00-0144	RSR	3'-6" Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	148.16	21.50
06 15 13 00-0145	RSR	3'-6" Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	144.88	20.43
06 15 13 00-0146	RSR	4' Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	150.45	22.02
06 15 13 00-0147	RSR	4' Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	146.92	20.92
06 15 13 00-0148	RSR	4' Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	155.36	22.58
06 15 13 00-0149	RSR	4' Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	151.91	21.46
06 15 13 00-0150	RSR	5' Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	160.18	23.12
06 15 13 00-0151	RSR	5' Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	156.56	21.97
06 15 13 00-0152	RSR	5' Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	165.44	23.72
06 15 13 00-0153	RSR	5' Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	161.92	22.53

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 15 13 00-0154		**Wood Deck And Ramp Systems Repairs** *(06 15 13)* Note: Includes removal of material and screws. Excludes anchors and bolts.		
06 15 13 00-0155		**Deck Joist Or Girt** *(06 15 13 00-0154)* See CSI section 06 11 16 00-0012 for treated wood joist replacement.		
06 15 13 00-0156		**Deck Boards** *(06 15 13 00-0154)*		
06 15 13 00-0157	LF	5/4" x 4" Round Edge Pressure Treated Deck Boards	2.18	0.88
06 15 13 00-0158	LF	5/4" x 6" Round Edge Pressure Treated Deck Boards	2.41	1.05
06 15 13 00-0159	LF	2" x 4" Round Edge Pressure Treated Deck Boards	2.30	1.05
06 15 13 00-0160	LF	2" x 6" Round Edge Pressure Treated Deck Boards	3.02	1.21
06 15 13 00-0161	LF	2" x 8" Round Edge Pressure Treated Deck Boards	3.86	1.44
06 15 13 00-0162	LF	2" x 10" Round Edge Pressure Treated Deck Boards	4.73	1.77
06 15 13 00-0163	LF	2" x 12" Round Edge Pressure Treated Deck Boards	5.85	2.08
06 15 13 00-0164	LF	2" x 4" Round Edge Cedar Deck Boards	2.67	1.05
06 15 13 00-0165	LF	2" x 6" Round Edge Cedar Deck Boards	3.45	1.21
06 15 13 00-0166	LF	2" x 4" Round Edge Redwood Deck Boards	2.93	1.05
06 15 13 00-0167	LF	2" x 6" Round Edge Redwood Deck Boards	3.84	1.21
06 15 13 00-0168		**Deck Railing And Pickets** *(06 15 13 00-0154)*		
06 15 13 00-0169	LF	2" x 4" Pressure Treated Deck Railing	2.30	1.05
06 15 13 00-0170	LF	2" x 2" Pressure Treated Deck Railing Picket	1.66	0.80
06 15 13 00-0171	LF	2" x 4" Cedar Deck Railing	2.67	1.05
06 15 13 00-0172	LF	2" x 2" Cedar Deck Railing Picket	2.02	0.80
06 15 13 00-0173	LF	2" x 4" Redwood Deck Railing	2.93	1.05
06 15 13 00-0174	LF	2" x 2" Redwood Deck Railing Picket	2.21	0.80
06 15 13 00-0175		**Deck Posts** *(06 15 13 00-0154)* See CSI section 06 11 16 00-0071 for treated wood post replacement, 06 51 13 00-0024 for plastic/composite lumber column replacement.		

06 16 Sheathing *(06 10)*

06 16 23 Subflooring *(06 16)*

06 16 23 00-0001		**Board Type Subflooring** *(06 16 23)*		
06 16 23 00-0002	SF	1" x 8" Regular Surface Board Type Subfloor Note: 4 Sides Laid In A Regular Pattern.	3.38	0.91
		For Water Resistant Coating Or Treatment, Add	*0.08*	
		For Foil Backing, Add	*0.13*	
		For Tongue And Groove, Add	*0.09*	
06 16 23 00-0003	SF	1" x 8" Diagonal Surface Board Type Subfloor Note: 4 Sides Laid In A Diagonal Pattern.	3.76	1.15
		For Water Resistant Coating Or Treatment, Add	*0.08*	
		For Foil Backing, Add	*0.13*	
		For Tongue And Groove, Add	*0.09*	
06 16 23 00-0004	SF	1" x 10" Regular Surface Board Type Subfloor Note: 4 sides laid in a regular pattern.	3.25	0.80
		For Water Resistant Coating Or Treatment, Add	*0.08*	
		For Foil Backing, Add	*0.14*	
		For Tongue And Groove, Add	*0.10*	
06 16 23 00-0005	SF	1" x 10" Diagonal Surface Board Type Subfloor Note: 4 sides laid in a diagonal pattern.	3.52	0.91
		For Water Resistant Coating Or Treatment, Add	*0.08*	
		For Foil Backing, Add	*0.14*	
		For Tongue And Groove, Add	*0.10*	

06 16 33 Wood Board Sheathing *(06 16)*

06 16 33 00-0001		**Plywood** *(06 16 33)*		
06 16 33 00-0002		**Roof Decking** *(06 16 33 00-0001)*		
06 16 33 00-0003	SF	3/8" Thick CDX Plywood Roof Decking Note: Applied to wood rafters.	1.96	0.57
		For Shear Wall Construction, Add	*0.27*	
		For Exterior CC Grade Plywood, Add	*0.09*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.27*	
		For ACQ Preservative Treatment, Add	*0.29*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.03*	
		For Fire Retardant Treatment, Add	*0.48*	
		For >1,696 To 3,200, Deduct	*-0.04*	
		For >3,200 To 6,400, Deduct	*-0.05*	
		For >6,400 To 12,800, Deduct	*-0.10*	
		For >12,800, Deduct	*-0.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 16 33 00-0004	SF	1/2" Thick CDX Plywood Roof Decking	2.21	0.69
		Note: Applied to wood rafters.		
		For Shear Wall Construction, Add	*0.29*	
		For Exterior CC Grade Plywood, Add	*0.11*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.29*	
		For ACQ Preservative Treatment, Add	*0.36*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.21*	
		For Fire Retardant Treatment, Add	*0.58*	
		For >1,696 To 3,200, Deduct	*-0.04*	
		For >3,200 To 6,400, Deduct	*-0.07*	
		For >6,400 To 12,800, Deduct	*-0.12*	
		For >12,800, Deduct	*-0.16*	
06 16 33 00-0005	SF	5/8" Thick CDX Plywood Roof Decking	2.54	0.69
		Note: Applied to wood rafters.		
		For Shear Wall Construction, Add	*0.32*	
		For Exterior CC Grade Plywood, Add	*0.14*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.32*	
		For ACQ Preservative Treatment, Add	*0.46*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.37*	
		For Fire Retardant Treatment, Add	*0.76*	
		For >1,696 To 3,200, Deduct	*-0.06*	
		For >3,200 To 6,400, Deduct	*-0.09*	
		For >6,400 To 12,800, Deduct	*-0.15*	
		For >12,800, Deduct	*-0.19*	
		For Tongue And Groove, Add	*0.07*	
06 16 33 00-0006	SF	3/4" Thick CDX Plywood Roof Decking	2.83	0.80
		Note: Applied to wood rafters.		
		For Shear Wall Construction, Add	*0.34*	
		For Exterior CC Grade Plywood, Add	*0.17*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.34*	
		For ACQ Preservative Treatment, Add	*0.54*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.57*	
		For Fire Retardant Treatment, Add	*0.88*	
		For >1,696 To 3,200, Deduct	*-0.07*	
		For >3,200 To 6,400, Deduct	*-0.10*	
		For >6,400 To 12,800, Deduct	*-0.17*	
		For >12,800, Deduct	*-0.22*	
		For Tongue And Groove, Add	*0.08*	
06 16 33 00-0007	SF	1" Thick CDX Plywood Roof Decking	3.38	0.91
		Note: Applied to wood rafters.		
		For Shear Wall Construction, Add	*0.37*	
		For Exterior CC Grade Plywood, Add	*0.23*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.37*	
		For ACQ Preservative Treatment, Add	*0.72*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.81*	
		For Fire Retardant Treatment, Add	*1.19*	
		For >1,696 To 3,200, Deduct	*-0.09*	
		For >3,200 To 6,400, Deduct	*-0.14*	
		For >6,400 To 12,800, Deduct	*-0.21*	
		For >12,800, Deduct	*-0.27*	
		For Tongue And Groove, Add	*0.11*	

06 16 33 00-0008 Wall Sheathing *(06 16 33 00-0001)*

06 16 33 00-0009	SF	1/4" Interior BC Plywood Wall Sheathing	2.32	0.80
		Note: Applied to wall studs.		
		For Shear Wall Construction, Add	*0.34*	
		For Exterior CC Grade Plywood, Add	*0.09*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.34*	
		For Ceiling Installation, Add	*0.17*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.57*	
		For Fire Retardant Treatment, Add	*0.48*	
		For >1,696 To 3,200, Deduct	*-0.04*	
		For >3,200 To 6,400, Deduct	*-0.05*	
		For >6,400 To 12,800, Deduct	*-0.11*	
		For >12,800, Deduct	*-0.16*	
06 16 33 00-0010	SF	5/16" Interior BC Plywood Wall Sheathing	2.34	0.80
		Note: Applied to wall studs.		
		For Shear Wall Construction, Add	*0.34*	
		For Exterior CC Grade Plywood, Add	*0.09*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.34*	
		For Ceiling Installation, Add	*0.17*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.57*	
		For Fire Retardant Treatment, Add	*0.50*	
		For >1,696 To 3,200, Deduct	*-0.04*	
		For >3,200 To 6,400, Deduct	*-0.06*	
		For >6,400 To 12,800, Deduct	*-0.11*	
		For >12,800, Deduct	*-0.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 16 33 00-0011	SF	3/8" Interior BC Plywood Wall Sheathing Note: Applied to wall studs.	2.40	0.91
		For Shear Wall Construction, Add	*0.34*	
		For Exterior CC Grade Plywood, Add	*0.10*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.34*	
		For Ceiling Installation, Add	*0.17*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.57*	
		For Fire Retardant Treatment, Add	*0.55*	
		For >1,696 To 3,200, Deduct	*-0.04*	
		For >3,200 To 6,400, Deduct	*-0.06*	
		For >6,400 To 12,800, Deduct	*-0.12*	
		For >12,800, Deduct	*-0.17*	
06 16 33 00-0012	SF	1/2" Interior BC Plywood Wall Sheathing Note: Applied to wall studs.	2.70	0.91
		For Shear Wall Construction, Add	*0.37*	
		For Exterior CC Grade Plywood, Add	*0.13*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.37*	
		For Ceiling Installation, Add	*0.18*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.75*	
		For Fire Retardant Treatment, Add	*0.69*	
		For >1,696 To 3,200, Deduct	*-0.05*	
		For >3,200 To 6,400, Deduct	*-0.08*	
		For >6,400 To 12,800, Deduct	*-0.14*	
		For >12,800, Deduct	*-0.20*	
06 16 33 00-0013	SF	5/8" Interior BC Plywood Wall Sheathing Note: Applied to wall studs.	3.06	1.04
		For Shear Wall Construction, Add	*0.39*	
		For Exterior CC Grade Plywood, Add	*0.17*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.39*	
		For Ceiling Installation, Add	*0.20*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.94*	
		For Fire Retardant Treatment, Add	*0.87*	
		For >1,696 To 3,200, Deduct	*-0.07*	
		For >3,200 To 6,400, Deduct	*-0.10*	
		For >6,400 To 12,800, Deduct	*-0.17*	
		For >12,800, Deduct	*-0.23*	
06 16 33 00-0014	SF	3/4" Interior BC Plywood Wall Sheathing Note: Applied to wall studs.	3.36	1.15
		For Shear Wall Construction, Add	*0.42*	
		For Exterior CC Grade Plywood, Add	*0.19*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.42*	
		For Ceiling Installation, Add	*0.21*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*3.17*	
		For Fire Retardant Treatment, Add	*0.99*	
		For >1,696 To 3,200, Deduct	*-0.08*	
		For >3,200 To 6,400, Deduct	*-0.11*	
		For >6,400 To 12,800, Deduct	*-0.19*	
		For >12,800, Deduct	*-0.26*	
06 16 33 00-0015		Floor Decking *(06 16 33 00-0001)* Note: Includes patching of seams and all fastener holes where necessary.		
06 16 33 00-0016	SF	1/2" AC Fir Plywood Floor Decking Note: Applied to floor or joists.	2.49	0.69
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.15*	
		For Fire Retardant Treatment, Add	*0.84*	
		For >1,696 To 3,200, Deduct	*-0.06*	
		For >3,200 To 6,400, Deduct	*-0.10*	
		For >6,400 To 12,800, Deduct	*-0.15*	
		For >12,800, Deduct	*-0.20*	
		For ACQ Preservative Treatment, Add	*0.51*	
		For Exterior Glue, Add	*0.10*	
		For Marine Grade, Add	*0.83*	
		For Tongue And Groove, Add	*0.07*	
06 16 33 00-0017	SF	5/8" AC Fir Plywood Floor Decking Note: Applied to floor or joists.	2.86	0.69
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.34*	
		For Fire Retardant Treatment, Add	*1.03*	
		For >1,696 To 3,200, Deduct	*-0.08*	
		For >3,200 To 6,400, Deduct	*-0.12*	
		For >6,400 To 12,800, Deduct	*-0.18*	
		For >12,800, Deduct	*-0.23*	
		For ACQ Preservative Treatment, Add	*0.62*	
		For Exterior Glue, Add	*0.12*	
		For Marine Grade, Add	*1.02*	
		For Tongue And Groove, Add	*0.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 16 33 00-0018	SF	3/4" AC Fir Plywood Floor Decking Note: Applied to floor or joists.	3.07	0.69
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.49*	
		For Fire Retardant Treatment, Add	*1.11*	
		For >1,696 To 3,200, Deduct	*-0.08*	
		For >3,200 To 6,400, Deduct	*-0.13*	
		For >6,400 To 12,800, Deduct	*-0.20*	
		For >12,800, Deduct	*-0.25*	
		For ACQ Preservative Treatment, Add	*0.68*	
		For Exterior Glue, Add	*0.13*	
		For Marine Grade, Add	*1.10*	
		For Tongue And Groove, Add	*0.10*	
06 16 33 00-0019		Underlayment Grade *(06 16 33 00-0001)* Note: Includes patching of seams and all fastener holes where necessary.		
06 16 33 00-0020	SF	1/4" Thick Plywood Underlayment BC Grade	1.89	0.69
		For Fire Retardant Treatment, Add	*0.45*	
		For >1,696 To 3,200, Deduct	*-0.03*	
		For >3,200 To 6,400, Deduct	*-0.05*	
		For >6,400 To 12,800, Deduct	*-0.08*	
		For >12,800, Deduct	*-0.13*	
06 16 33 00-0021	SF	3/8" Thick Plywood Underlayment BC Grade	2.01	0.69
		For Fire Retardant Treatment, Add	*0.49*	
		For >1,696 To 3,200, Deduct	*-0.04*	
		For >3,200 To 6,400, Deduct	*-0.06*	
		For >6,400 To 12,800, Deduct	*-0.09*	
		For >12,800, Deduct	*-0.14*	
06 16 33 00-0022	SF	1/2" Thick Plywood Underlayment BC Grade	2.09	0.80
		For Fire Retardant Treatment, Add	*0.53*	
		For >1,696 To 3,200, Deduct	*-0.04*	
		For >3,200 To 6,400, Deduct	*-0.06*	
		For >6,400 To 12,800, Deduct	*-0.10*	
		For >12,800, Deduct	*-0.15*	
06 16 33 00-0023	SF	5/8" Thick Plywood Underlayment BC Grade	2.38	0.80
		For Fire Retardant Treatment, Add	*0.63*	
		For >1,696 To 3,200, Deduct	*-0.05*	
		For >3,200 To 6,400, Deduct	*-0.07*	
		For >6,400 To 12,800, Deduct	*-0.11*	
		For >12,800, Deduct	*-0.18*	
		For Tongue And Groove, Add	*0.06*	
06 16 33 00-0024	SF	3/4" Thick Plywood Underlayment BC Grade	2.55	0.80
		For Fire Retardant Treatment, Add	*0.77*	
		For >1,696 To 3,200, Deduct	*-0.06*	
		For >3,200 To 6,400, Deduct	*-0.09*	
		For >6,400 To 12,800, Deduct	*-0.13*	
		For >12,800, Deduct	*-0.20*	
		For Tongue And Groove, Add	*0.07*	
06 16 33 00-0025	SF	1-1/8" Thick Plywood Underlayment BC Grade	3.25	0.91
		For Fire Retardant Treatment, Add	*1.16*	
		For >1,696 To 3,200, Deduct	*-0.09*	
		For >3,200 To 6,400, Deduct	*-0.13*	
		For >6,400 To 12,800, Deduct	*-0.18*	
		For >12,800, Deduct	*-0.27*	
		For Tongue And Groove, Add	*0.10*	
06 16 33 00-0026	SF	3/8" Thick CDX Plywood Underlayment Grade	2.15	0.69
		For Fire Retardant Treatment, Add	*0.60*	
		For >1,696 To 3,200, Deduct	*-0.05*	
		For >3,200 To 6,400, Deduct	*-0.07*	
		For >6,400 To 12,800, Deduct	*-0.10*	
		For >12,800, Deduct	*-0.16*	
06 16 33 00-0027	SF	5/8" Thick CDX Plywood Underlayment Grade	2.70	0.80
		For Fire Retardant Treatment, Add	*0.90*	
		For >1,696 To 3,200, Deduct	*-0.07*	
		For >3,200 To 6,400, Deduct	*-0.10*	
		For >6,400 To 12,800, Deduct	*-0.14*	
		For >12,800, Deduct	*-0.21*	
06 16 33 00-0028		Oriented Strand Board *(06 16 33)*		
06 16 33 00-0029		On Roof *(06 16 33 00-0028)*		
06 16 33 00-0030	SF	3/8" Thick Structural Oriented Strand Board (OSB) On Roof	1.72	0.69
		For >1,408 To 3,200, Deduct	*-0.02*	
		For >3,200 To 6,400, Deduct	*-0.03*	
		For >6,400 To 12,800, Deduct	*-0.07*	
		For >12,800, Deduct	*-0.11*	
		For Fire Retardant Treatment, Add	*0.29*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.03*	
06 16 33 00-0031	SF	1/2" Thick Structural Oriented Strand Board (OSB) On Roof	1.91	0.69
		For >1,408 To 3,200, Deduct	*-0.03*	
		For >3,200 To 6,400, Deduct	*-0.04*	
		For >6,400 To 12,800, Deduct	*-0.09*	
		For >12,800, Deduct	*-0.13*	
		For Fire Retardant Treatment, Add	*0.35*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 16 33 00-0032	SF	5/8" Thick Structural Oriented Strand Board (OSB) On Roof	2.21	0.80
		For >1,408 To 3,200, Deduct	*-0.04*	
		For >3,200 To 6,400, Deduct	*-0.06*	
		For >6,400 To 12,800, Deduct	*-0.11*	
		For >12,800, Deduct	*-0.15*	
		For Fire Retardant Treatment, Add	*0.50*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.37*	
06 16 33 00-0033	SF	3/4" Thick Structural Oriented Strand Board (OSB) On Roof	2.55	0.80
		For >1,408 To 3,200, Deduct	*-0.05*	
		For >3,200 To 6,400, Deduct	*-0.08*	
		For >6,400 To 12,800, Deduct	*-0.14*	
		For >12,800, Deduct	*-0.19*	
		For Fire Retardant Treatment, Add	*0.66*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.57*	

06 16 33 00-0034 On Walls *(06 16 33 00-0028)*

06 16 33 00-0035	SF	3/8" Thick Structural Oriented Strand Board (OSB) On Walls	2.08	0.80
		For >1,408 To 3,200, Deduct	*-0.02*	
		For >3,200 To 6,400, Deduct	*-0.03*	
		For >6,400 To 12,800, Deduct	*-0.08*	
		For >12,800, Deduct	*-0.13*	
		For Fire Retardant Treatment, Add	*0.29*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.57*	
06 16 33 00-0036	SF	1/2" Thick Structural Oriented Strand Board (OSB) On Walls	2.27	0.91
		For >1,408 To 3,200, Deduct	*-0.03*	
		For >3,200 To 6,400, Deduct	*-0.04*	
		For >6,400 To 12,800, Deduct	*-0.09*	
		For >12,800, Deduct	*-0.14*	
		For Fire Retardant Treatment, Add	*0.35*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.75*	
06 16 33 00-0037	SF	5/8" Thick Structural Oriented Strand Board (OSB) On Walls	2.59	1.04
		For >1,408 To 3,200, Deduct	*-0.04*	
		For >3,200 To 6,400, Deduct	*-0.06*	
		For >6,400 To 12,800, Deduct	*-0.12*	
		For >12,800, Deduct	*-0.17*	
		For Fire Retardant Treatment, Add	*0.50*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.94*	
06 16 33 00-0038	SF	3/4" Thick Structural Oriented Strand Board (OSB) On Walls	2.95	1.04
		For >1,408 To 3,200, Deduct	*-0.05*	
		For >3,200 To 6,400, Deduct	*-0.08*	
		For >6,400 To 12,800, Deduct	*-0.15*	
		For >12,800, Deduct	*-0.21*	
		For Fire Retardant Treatment, Add	*0.66*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*3.17*	

06 16 33 00-0039 On Floors *(06 16 33 00-0028)*

Note: Includes patching of seams and all fastener holes where necessary.

06 16 33 00-0040	SF	3/8" Thick Structural Oriented Strand Board (OSB) On Floors	1.75	0.69
		For >1,408 To 3,200, Deduct	*-0.02*	
		For >3,200 To 6,400, Deduct	*-0.03*	
		For >6,400 To 12,800, Deduct	*-0.08*	
		For >12,800, Deduct	*-0.11*	
		For Fire Retardant Treatment, Add	*0.29*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.07*	
06 16 33 00-0041	SF	1/2" Thick Structural Oriented Strand Board (OSB) On Floors	2.10	0.80
		For >1,408 To 3,200, Deduct	*-0.03*	
		For >3,200 To 6,400, Deduct	*-0.04*	
		For >6,400 To 12,800, Deduct	*-0.09*	
		For >12,800, Deduct	*-0.14*	
		For Fire Retardant Treatment, Add	*0.35*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.49*	
06 16 33 00-0042	SF	5/8" Thick Structural Oriented Strand Board (OSB) On Floors	2.43	0.91
		For >1,408 To 3,200, Deduct	*-0.04*	
		For >3,200 To 6,400, Deduct	*-0.06*	
		For >6,400 To 12,800, Deduct	*-0.11*	
		For >12,800, Deduct	*-0.17*	
		For Fire Retardant Treatment, Add	*0.50*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.70*	
06 16 33 00-0043	SF	3/4" Thick Structural Oriented Strand Board (OSB) On Floors	2.80	1.04
		For >1,408 To 3,200, Deduct	*-0.05*	
		For >3,200 To 6,400, Deduct	*-0.08*	
		For >6,400 To 12,800, Deduct	*-0.14*	
		For >12,800, Deduct	*-0.20*	
		For Fire Retardant Treatment, Add	*0.66*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.94*	

06 16 33 00-0044 Particle Board *(06 16 33)*

06 16 33 00-0045 Particle Board Floor Decking *(06 16 33 00-0044)*

Note: Includes patching of seams and all fastener holes where necessary.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 16 33 00-0046	SF	3/8" Particle Board Floor Decking Note: Applied to plywood subfloor.	1.99	0.57
		For Fire Retardant Treatment Add	*0.51*	
		For >1,536 To 3,200, Deduct	*-0.04*	
		For >3,200 To 6,400, Deduct	*-0.06*	
		For >6,400 To 12,800, Deduct	*-0.10*	
		For >12,800, Deduct	*-0.14*	
		For Tongue And Groove, Add	*0.04*	
06 16 33 00-0047	SF	1/2" Particle Board Floor Decking Note: Applied to plywood subfloor.	2.30	0.57
		For Fire Retardant Treatment Add	*0.69*	
		For >1,536 To 3,200, Deduct	*-0.05*	
		For >3,200 To 6,400, Deduct	*-0.08*	
		For >6,400 To 12,800, Deduct	*-0.13*	
		For >12,800, Deduct	*-0.18*	
		For Tongue And Groove, Add	*0.06*	
06 16 33 00-0048	SF	5/8" Particle Board Floor Decking Note: Applied to plywood subfloor.	2.59	0.69
		For Fire Retardant Treatment Add	*0.86*	
		For >1,536 To 3,200, Deduct	*-0.07*	
		For >3,200 To 6,400, Deduct	*-0.10*	
		For >6,400 To 12,800, Deduct	*-0.16*	
		For >12,800, Deduct	*-0.21*	
		For Tongue And Groove, Add	*0.08*	
06 16 33 00-0049	SF	3/4" Particle Board Floor Decking Note: Applied to plywood subfloor.	2.89	0.69
		For Fire Retardant Treatment Add	*1.01*	
		For >1,536 To 3,200, Deduct	*-0.08*	
		For >3,200 To 6,400, Deduct	*-0.12*	
		For >6,400 To 12,800, Deduct	*-0.18*	
		For >12,800, Deduct	*-0.23*	
		For Tongue And Groove, Add	*0.09*	

06 16 43 Gypsum Sheathing *(06 16)*

06 16 43 00-0001 Exterior Gypsum Sheathing *(06 16 43)*

Note: Includes moisture resistant core and fiberglass mats on both sides and long edges.

06 16 43 00-0002	SF	1/2" Exterior Gypsum Sheathing (GP Dens-Glass Gold)	3.28	0.91
		For Selective Replacement <400 (Includes Removal Of Damaged Gypsum And Fitting New Gypsum To Size), Add	*2.75*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.37*	
		For Ceiling Installation, Add	*0.18*	
		For >1,696 To 3,200, Deduct	*-0.09*	
		For >3,200 To 6,400, Deduct	*-0.13*	
		For >6,400 To 12,800, Deduct	*-0.21*	
		For >12,800, Deduct	*-0.27*	
06 16 43 00-0003	SF	5/8" Exterior Gypsum Sheathing (GP Dens-Glass Gold)	3.54	1.15
		For Selective Replacement <400 (Includes Removal Of Damaged Gypsum And Fitting New Gypsum To Size), Add	*2.94*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.39*	
		For Ceiling Installation, Add	*0.20*	
		For >1,696 To 3,200, Deduct	*-0.09*	
		For >3,200 To 6,400, Deduct	*-0.14*	
		For >6,400 To 12,800, Deduct	*-0.22*	
		For >12,800, Deduct	*-0.29*	

06 17 Shop-Fabricated Structural Wood *(06 10)*

06 17 13 Laminated Veneer Lumber *(06 17)*

06 17 13 00-0001 Laminated Veneer Lumber (LVL) *(06 17 13)*

06 17 13 00-0002	LF	1-3/4" Wide x 5-1/2" Deep Laminated Veneer Lumber (LVL)	7.74	1.98
06 17 13 00-0003	LF	1-3/4" Wide x 7-1/4" Deep Laminated Veneer Lumber (LVL)	8.48	2.01
06 17 13 00-0004	LF	1-3/4" Wide x 9-1/2" Deep Laminated Veneer Lumber (LVL)	9.32	2.05
06 17 13 00-0005	LF	1-3/4" Wide x 11-7/8" Deep Laminated Veneer Lumber (LVL)	10.41	2.08
06 17 13 00-0006	LF	1-3/4" Wide x 14" Deep Laminated Veneer Lumber (LVL)	11.21	2.11
06 17 13 00-0007	LF	1-3/4" Wide x 16" Deep Laminated Veneer Lumber (LVL)	12.35	2.18
06 17 13 00-0008	LF	1-3/4" Wide x 18" Deep Laminated Veneer Lumber (LVL)	13.97	2.23
06 17 13 00-0009	LF	1-3/4" Wide x 24" Deep Laminated Veneer Lumber (LVL)	19.08	2.52

06 17 23 Parallel Strand Lumber *(06 17)*

06 17 23 00-0001 Laminated Strand Lumber (LSL) *(06 17 23)*

06 17 23 00-0002	LF	2" x 4" Laminated Strand Lumber (LSL)	2.68	0.91
06 17 23 00-0003	LF	2" x 6" Laminated Strand Lumber (LSL)	3.58	0.98

06 17 33 Wood I-Joists *(06 17)*

06 17 33 00-0001 Prefabricated Wood I-Joists *(06 17 33)*

06 17 33 00-0002	LF	9-1/2" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length	4.82	1.30
		For I-Joists 30' To 40' In Length, Add	*0.57*	
		For I-Joists >40' In Length, Add	*1.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 33 00-0003	LF	11-7/8" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length	5.19	1.44
		For I-Joists 30' To 40' In Length, Add	*0.64*	
		For I-Joists >40' In Length, Add	*1.56*	
06 17 33 00-0004	LF	14" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length	6.07	1.63
		For I-Joists 30' To 40' In Length, Add	*0.72*	
		For I-Joists >40' In Length, Add	*1.76*	
06 17 33 00-0005	LF	16" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length	6.84	1.81
		For I-Joists 30' To 40' In Length, Add	*0.79*	
		For I-Joists >40' In Length, Add	*1.95*	

06 17 43 Rim Boards *(06 17)*

06 17 43 00-0001 Oriented Strand Board (OSB) Rim Board *(06 17 43)*

06 17 43 00-0002	LF	1-1/8" Wide x 9-1/2" Deep, Oriented Strand Board (OSB) Rim Board	6.33	2.05
06 17 43 00-0003	LF	1-1/8" Wide x 11-7/8" Deep, Oriented Strand Board (OSB) Rim Board	6.91	2.08
06 17 43 00-0004	LF	1-1/8" Wide x 14" Deep, Oriented Strand Board (OSB) Rim Board	7.58	2.11

06 17 53 Shop-Fabricated Wood Trusses *(06 17)*

Note: Includes temporary and permanent bracing, and fastening with truss tie-downs.

06 17 53 00-0001 Pre-Assembled Wood Roof Trusses *(06 17 53)*

Note: For King Post, Queen Post, Fink or Howe types. Includes 2" x 4" top and bottom chords up to 42' and with 2" x 6" top and bottom chords >42'.

06 17 53 00-0002	EA	10' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	192.73	75.88
		For Up To 15, Add	*3.07*	
		For >35, Deduct	*-2.05*	
		For 3 In 12 Slope, Add	*1.23*	
		For 5 In 12 Slope, Add	*3.28*	
		For 6 In 12 Slope, Add	*6.15*	
		For 7 In 12 Slope, Add	*8.19*	
		For 8 In 12 Slope, Add	*9.83*	
06 17 53 00-0003	EA	12' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	214.05	83.11
		For Up To 15, Add	*3.59*	
		For >35, Deduct	*-2.39*	
		For 3 In 12 Slope, Add	*1.44*	
		For 5 In 12 Slope, Add	*3.83*	
		For 6 In 12 Slope, Add	*7.18*	
		For 7 In 12 Slope, Add	*9.57*	
		For 8 In 12 Slope, Add	*11.48*	
06 17 53 00-0004	EA	14' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	238.24	90.33
		For Up To 15, Add	*4.32*	
		For >35, Deduct	*-2.88*	
		For 3 In 12 Slope, Add	*1.73*	
		For 5 In 12 Slope, Add	*4.61*	
		For 6 In 12 Slope, Add	*8.64*	
		For 7 In 12 Slope, Add	*11.51*	
		For 8 In 12 Slope, Add	*13.82*	
06 17 53 00-0005	EA	16' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	269.94	97.56
		For Up To 15, Add	*5.61*	
		For >35, Deduct	*-3.74*	
		For 3 In 12 Slope, Add	*2.24*	
		For 5 In 12 Slope, Add	*5.99*	
		For 6 In 12 Slope, Add	*11.22*	
		For 7 In 12 Slope, Add	*14.96*	
		For 8 In 12 Slope, Add	*17.96*	
06 17 53 00-0006	EA	18' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	297.31	104.79
		For Up To 15, Add	*6.58*	
		For >35, Deduct	*-4.39*	
		For 3 In 12 Slope, Add	*2.63*	
		For 5 In 12 Slope, Add	*7.02*	
		For 6 In 12 Slope, Add	*13.16*	
		For 7 In 12 Slope, Add	*17.55*	
		For 8 In 12 Slope, Add	*21.06*	
06 17 53 00-0007	EA	20' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	313.17	115.63
		For Up To 15, Add	*6.14*	
		For >35, Deduct	*-4.10*	
		For 3 In 12 Slope, Add	*2.46*	
		For 5 In 12 Slope, Add	*6.55*	
		For 6 In 12 Slope, Add	*12.29*	
		For 7 In 12 Slope, Add	*16.38*	
		For 8 In 12 Slope, Add	*19.66*	
06 17 53 00-0008	EA	22' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	330.02	184.28
		For Up To 15, Add	*6.32*	
		For >35, Deduct	*-4.22*	
		For 3 In 12 Slope, Add	*2.53*	
		For 5 In 12 Slope, Add	*6.74*	
		For 6 In 12 Slope, Add	*12.65*	
		For 7 In 12 Slope, Add	*16.86*	
		For 8 In 12 Slope, Add	*20.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 53 00-0009	EA	24' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	351.62	130.08
		For Up To 15, Add	*6.86*	
		For >35, Deduct	*-4.57*	
		For 3 In 12 Slope, Add	*2.74*	
		For 5 In 12 Slope, Add	*7.32*	
		For 6 In 12 Slope, Add	*13.72*	
		For 7 In 12 Slope, Add	*18.29*	
		For 8 In 12 Slope, Add	*21.95*	
06 17 53 00-0010	EA	26' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	373.99	205.96
		For Up To 15, Add	*7.45*	
		For >35, Deduct	*-4.97*	
		For 3 In 12 Slope, Add	*2.98*	
		For 5 In 12 Slope, Add	*7.95*	
		For 6 In 12 Slope, Add	*14.91*	
		For 7 In 12 Slope, Add	*19.88*	
		For 8 In 12 Slope, Add	*23.85*	
06 17 53 00-0011	EA	28' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	397.41	144.53
		For Up To 15, Add	*8.13*	
		For >35, Deduct	*-5.42*	
		For 3 In 12 Slope, Add	*3.25*	
		For 5 In 12 Slope, Add	*8.67*	
		For 6 In 12 Slope, Add	*16.25*	
		For 7 In 12 Slope, Add	*21.67*	
		For 8 In 12 Slope, Add	*26.00*	
06 17 53 00-0012	EA	30' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	415.29	227.64
		For Up To 15, Add	*8.38*	
		For >35, Deduct	*-5.59*	
		For 3 In 12 Slope, Add	*3.35*	
		For 5 In 12 Slope, Add	*8.94*	
		For 6 In 12 Slope, Add	*16.77*	
		For 7 In 12 Slope, Add	*22.35*	
		For 8 In 12 Slope, Add	*26.82*	
06 17 53 00-0013	EA	32' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	433.69	155.37
		For Up To 15, Add	*9.22*	
		For >35, Deduct	*-6.15*	
		For 3 In 12 Slope, Add	*3.69*	
		For 5 In 12 Slope, Add	*9.84*	
		For 6 In 12 Slope, Add	*18.44*	
		For 7 In 12 Slope, Add	*24.59*	
		For 8 In 12 Slope, Add	*29.51*	
06 17 53 00-0014	EA	34' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	472.62	243.98
		For Up To 15, Add	*11.06*	
		For >35, Deduct	*-7.37*	
		For 3 In 12 Slope, Add	*4.42*	
		For 5 In 12 Slope, Add	*11.79*	
		For 6 In 12 Slope, Add	*22.11*	
		For 7 In 12 Slope, Add	*29.48*	
		For 8 In 12 Slope, Add	*35.38*	
06 17 53 00-0015	EA	36' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	491.45	166.21
		For Up To 15, Add	*11.93*	
		For >35, Deduct	*-7.95*	
		For 3 In 12 Slope, Add	*4.77*	
		For 5 In 12 Slope, Add	*12.72*	
		For 6 In 12 Slope, Add	*23.85*	
		For 7 In 12 Slope, Add	*31.80*	
		For 8 In 12 Slope, Add	*38.16*	
06 17 53 00-0016	EA	38' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	516.76	260.16
		For Up To 15, Add	*12.74*	
		For >35, Deduct	*-8.49*	
		For 3 In 12 Slope, Add	*5.10*	
		For 5 In 12 Slope, Add	*13.59*	
		For 6 In 12 Slope, Add	*25.48*	
		For 7 In 12 Slope, Add	*33.98*	
		For 8 In 12 Slope, Add	*40.77*	
06 17 53 00-0017	EA	40' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	534.86	180.67
		For Up To 15, Add	*13.01*	
		For >35, Deduct	*-8.68*	
		For 3 In 12 Slope, Add	*5.21*	
		For 5 In 12 Slope, Add	*13.88*	
		For 6 In 12 Slope, Add	*26.03*	
		For 7 In 12 Slope, Add	*34.70*	
		For 8 In 12 Slope, Add	*41.64*	
06 17 53 00-0018	EA	42' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	585.99	281.84
		For Up To 15, Add	*15.77*	
		For >35, Deduct	*-10.51*	
		For 3 In 12 Slope, Add	*6.31*	
		For 5 In 12 Slope, Add	*16.82*	
		For 6 In 12 Slope, Add	*31.53*	
		For 7 In 12 Slope, Add	*42.04*	
		For 8 In 12 Slope, Add	*50.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 53 00-0019	EA	44' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	636.14	195.12
		For Up To 15, Add	*18.44*	
		For >35, Deduct	*-12.30*	
		For 3 In 12 Slope, Add	*7.38*	
		For 5 In 12 Slope, Add	*19.67*	
		For 6 In 12 Slope, Add	*36.89*	
		For 7 In 12 Slope, Add	*49.18*	
		For 8 In 12 Slope, Add	*59.02*	
06 17 53 00-0020	EA	46' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	658.52	202.34
		For Up To 15, Add	*19.04*	
		For >35, Deduct	*-12.69*	
		For 3 In 12 Slope, Add	*7.61*	
		For 5 In 12 Slope, Add	*20.31*	
		For 6 In 12 Slope, Add	*38.07*	
		For 7 In 12 Slope, Add	*50.76*	
		For 8 In 12 Slope, Add	*60.92*	
06 17 53 00-0021	EA	48' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	690.48	209.57
		For Up To 15, Add	*20.35*	
		For >35, Deduct	*-13.57*	
		For 3 In 12 Slope, Add	*8.14*	
		For 5 In 12 Slope, Add	*21.71*	
		For 6 In 12 Slope, Add	*40.70*	
		For 7 In 12 Slope, Add	*54.27*	
		For 8 In 12 Slope, Add	*65.12*	
06 17 53 00-0022	EA	50' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	780.91	216.80
		For Up To 15, Add	*26.05*	
		For >35, Deduct	*-17.37*	
		For 3 In 12 Slope, Add	*10.42*	
		For 5 In 12 Slope, Add	*27.78*	
		For 6 In 12 Slope, Add	*52.10*	
		For 7 In 12 Slope, Add	*69.46*	
		For 8 In 12 Slope, Add	*83.35*	
06 17 53 00-0023	EA	52' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	744.24	194.98
		For Up To 15, Add	*23.30*	
		For >35, Deduct	*-15.53*	
		For 3 In 12 Slope, Add	*9.32*	
		For 5 In 12 Slope, Add	*24.85*	
		For 6 In 12 Slope, Add	*46.60*	
		For 7 In 12 Slope, Add	*62.13*	
		For 8 In 12 Slope, Add	*74.55*	
06 17 53 00-0024	EA	54' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	780.92	227.64
		For Up To 15, Add	*24.42*	
		For >35, Deduct	*-16.28*	
		For 3 In 12 Slope, Add	*9.77*	
		For 5 In 12 Slope, Add	*26.05*	
		For 6 In 12 Slope, Add	*48.85*	
		For 7 In 12 Slope, Add	*65.13*	
		For 8 In 12 Slope, Add	*78.15*	
06 17 53 00-0025	EA	56' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	811.38	211.02
		For Up To 15, Add	*25.62*	
		For >35, Deduct	*-17.08*	
		For 3 In 12 Slope, Add	*10.25*	
		For 5 In 12 Slope, Add	*27.33*	
		For 6 In 12 Slope, Add	*51.25*	
		For 7 In 12 Slope, Add	*68.33*	
		For 8 In 12 Slope, Add	*81.99*	
06 17 53 00-0026	EA	58' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	837.57	238.48
		For Up To 15, Add	*27.05*	
		For >35, Deduct	*-18.03*	
		For 3 In 12 Slope, Add	*10.82*	
		For 5 In 12 Slope, Add	*28.85*	
		For 6 In 12 Slope, Add	*54.09*	
		For 7 In 12 Slope, Add	*72.12*	
		For 8 In 12 Slope, Add	*86.55*	
06 17 53 00-0027	EA	60' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	854.57	242.10
		For Up To 15, Add	*27.78*	
		For >35, Deduct	*-18.52*	
		For 3 In 12 Slope, Add	*11.11*	
		For 5 In 12 Slope, Add	*29.63*	
		For 6 In 12 Slope, Add	*55.56*	
		For 7 In 12 Slope, Add	*74.08*	
		For 8 In 12 Slope, Add	*88.89*	

06 17 53 00-0028 Pre-Assembled Wood Gable End Roof Trusses *(06 17 53)*

Note: 24" on center gable studs. Includes 2" x 4" top and bottom chords up to 42' and with 2" x 6" top and bottom chords >42'.

06 17 53 00-0029	EA	10' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	197.93	75.88
		For 3 In 12 Slope, Add	*1.39*	
		For 5 In 12 Slope, Add	*3.69*	
		For 6 In 12 Slope, Add	*6.93*	
		For 7 In 12 Slope, Add	*9.23*	
		For 8 In 12 Slope, Add	*11.08*	
		For 16" On Center Gable Studs, Add	*9.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 53 00-0030	EA	12' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	220.14	83.11
		For 3 In 12 Slope, Add	*1.62*	
		For 5 In 12 Slope, Add	*4.31*	
		For 6 In 12 Slope, Add	*8.09*	
		For 7 In 12 Slope, Add	*10.79*	
		For 8 In 12 Slope, Add	*12.94*	
		For 16" On Center Gable Studs, Add	*10.79*	
06 17 53 00-0031	EA	14' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	245.57	90.33
		For 3 In 12 Slope, Add	*1.95*	
		For 5 In 12 Slope, Add	*5.19*	
		For 6 In 12 Slope, Add	*9.74*	
		For 7 In 12 Slope, Add	*12.98*	
		For 8 In 12 Slope, Add	*15.58*	
		For 16" On Center Gable Studs, Add	*12.98*	
06 17 53 00-0032	EA	16' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	279.45	97.56
		For 3 In 12 Slope, Add	*2.53*	
		For 5 In 12 Slope, Add	*6.75*	
		For 6 In 12 Slope, Add	*12.65*	
		For 7 In 12 Slope, Add	*16.87*	
		For 8 In 12 Slope, Add	*20.24*	
		For 16" On Center Gable Studs, Add	*16.87*	
06 17 53 00-0033	EA	18' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	308.46	104.79
		For 3 In 12 Slope, Add	*2.97*	
		For 5 In 12 Slope, Add	*7.91*	
		For 6 In 12 Slope, Add	*14.83*	
		For 7 In 12 Slope, Add	*19.78*	
		For 8 In 12 Slope, Add	*23.73*	
		For 16" On Center Gable Studs, Add	*19.78*	
06 17 53 00-0034	EA	20' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	335.31	115.63
		For 3 In 12 Slope, Add	*3.12*	
		For 5 In 12 Slope, Add	*8.32*	
		For 6 In 12 Slope, Add	*15.61*	
		For 7 In 12 Slope, Add	*20.81*	
		For 8 In 12 Slope, Add	*24.97*	
		For 16" On Center Gable Studs, Add	*20.81*	
06 17 53 00-0035	EA	22' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	352.80	122.86
		For 3 In 12 Slope, Add	*3.21*	
		For 5 In 12 Slope, Add	*8.57*	
		For 6 In 12 Slope, Add	*16.06*	
		For 7 In 12 Slope, Add	*21.42*	
		For 8 In 12 Slope, Add	*25.70*	
		For 16" On Center Gable Studs, Add	*21.42*	
06 17 53 00-0036	EA	24' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	376.32	130.08
		For 3 In 12 Slope, Add	*3.48*	
		For 5 In 12 Slope, Add	*9.29*	
		For 6 In 12 Slope, Add	*17.42*	
		For 7 In 12 Slope, Add	*23.23*	
		For 8 In 12 Slope, Add	*27.88*	
		For 16" On Center Gable Studs, Add	*23.23*	
06 17 53 00-0037	EA	26' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	400.83	137.31
		For 3 In 12 Slope, Add	*3.79*	
		For 5 In 12 Slope, Add	*10.10*	
		For 6 In 12 Slope, Add	*18.93*	
		For 7 In 12 Slope, Add	*25.24*	
		For 8 In 12 Slope, Add	*30.29*	
		For 16" On Center Gable Studs, Add	*25.24*	
06 17 53 00-0038	EA	28' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	426.68	144.53
		For 3 In 12 Slope, Add	*4.13*	
		For 5 In 12 Slope, Add	*11.01*	
		For 6 In 12 Slope, Add	*20.64*	
		For 7 In 12 Slope, Add	*27.52*	
		For 8 In 12 Slope, Add	*33.03*	
		For 16" On Center Gable Studs, Add	*27.52*	
06 17 53 00-0039	EA	30' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	446.70	151.76
		For 3 In 12 Slope, Add	*4.30*	
		For 5 In 12 Slope, Add	*11.45*	
		For 6 In 12 Slope, Add	*21.48*	
		For 7 In 12 Slope, Add	*28.64*	
		For 8 In 12 Slope, Add	*34.36*	
		For 16" On Center Gable Studs, Add	*28.64*	
06 17 53 00-0040	EA	32' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	468.25	155.37
		For 3 In 12 Slope, Add	*4.73*	
		For 5 In 12 Slope, Add	*12.60*	
		For 6 In 12 Slope, Add	*23.63*	
		For 7 In 12 Slope, Add	*31.50*	
		For 8 In 12 Slope, Add	*37.80*	
		For 16" On Center Gable Studs, Add	*31.50*	
06 17 53 00-0041	EA	34' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	514.03	162.60
		For 3 In 12 Slope, Add	*5.66*	
		For 5 In 12 Slope, Add	*15.11*	
		For 6 In 12 Slope, Add	*28.32*	
		For 7 In 12 Slope, Add	*37.77*	
		For 8 In 12 Slope, Add	*45.32*	
		For 16" On Center Gable Studs, Add	*37.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 53 00-0042	EA	36' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	536.14	166.21
		For 3 In 12 Slope, Add	*6.11*	
		For 5 In 12 Slope, Add	*16.30*	
		For 6 In 12 Slope, Add	*30.56*	
		For 7 In 12 Slope, Add	*40.74*	
		For 8 In 12 Slope, Add	*48.89*	
		For 16" On Center Gable Studs, Add	*40.74*	
06 17 53 00-0043	EA	38' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	564.49	173.44
		For 3 In 12 Slope, Add	*6.53*	
		For 5 In 12 Slope, Add	*17.41*	
		For 6 In 12 Slope, Add	*32.64*	
		For 7 In 12 Slope, Add	*43.52*	
		For 8 In 12 Slope, Add	*52.23*	
		For 16" On Center Gable Studs, Add	*43.52*	
06 17 53 00-0044	EA	40' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	597.62	180.67
		For 3 In 12 Slope, Add	*7.09*	
		For 5 In 12 Slope, Add	*18.90*	
		For 6 In 12 Slope, Add	*35.44*	
		For 7 In 12 Slope, Add	*47.26*	
		For 8 In 12 Slope, Add	*56.71*	
		For 16" On Center Gable Studs, Add	*47.26*	
06 17 53 00-0045	EA	42' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	662.02	187.90
		For 3 In 12 Slope, Add	*8.59*	
		For 5 In 12 Slope, Add	*22.90*	
		For 6 In 12 Slope, Add	*42.94*	
		For 7 In 12 Slope, Add	*57.25*	
		For 8 In 12 Slope, Add	*68.70*	
		For 16" On Center Gable Studs, Add	*57.25*	
06 17 53 00-0046	EA	44' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	725.09	195.12
		For 3 In 12 Slope, Add	*10.05*	
		For 5 In 12 Slope, Add	*26.79*	
		For 6 In 12 Slope, Add	*50.23*	
		For 7 In 12 Slope, Add	*66.97*	
		For 8 In 12 Slope, Add	*80.36*	
		For 16" On Center Gable Studs, Add	*66.97*	
06 17 53 00-0047	EA	46' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	750.34	202.34
		For 3 In 12 Slope, Add	*10.37*	
		For 5 In 12 Slope, Add	*27.65*	
		For 6 In 12 Slope, Add	*51.85*	
		For 7 In 12 Slope, Add	*69.13*	
		For 8 In 12 Slope, Add	*82.95*	
		For 16" On Center Gable Studs, Add	*69.13*	
06 17 53 00-0048	EA	48' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	788.61	209.57
		For 3 In 12 Slope, Add	*11.08*	
		For 5 In 12 Slope, Add	*29.56*	
		For 6 In 12 Slope, Add	*55.42*	
		For 7 In 12 Slope, Add	*73.89*	
		For 8 In 12 Slope, Add	*88.67*	
		For 16" On Center Gable Studs, Add	*73.89*	
06 17 53 00-0049	EA	50' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	857.55	216.80
		For 3 In 12 Slope, Add	*12.72*	
		For 5 In 12 Slope, Add	*33.92*	
		For 6 In 12 Slope, Add	*63.59*	
		For 7 In 12 Slope, Add	*84.79*	
		For 8 In 12 Slope, Add	*101.75*	
		For 16" On Center Gable Studs, Add	*84.79*	
06 17 53 00-0050	EA	52' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	877.65	224.03
		For 3 In 12 Slope, Add	*12.89*	
		For 5 In 12 Slope, Add	*34.37*	
		For 6 In 12 Slope, Add	*64.44*	
		For 7 In 12 Slope, Add	*85.92*	
		For 8 In 12 Slope, Add	*103.10*	
		For 16" On Center Gable Studs, Add	*85.92*	
06 17 53 00-0051	EA	54' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	905.64	227.64
		For 3 In 12 Slope, Add	*13.51*	
		For 5 In 12 Slope, Add	*36.03*	
		For 6 In 12 Slope, Add	*67.55*	
		For 7 In 12 Slope, Add	*90.07*	
		For 8 In 12 Slope, Add	*108.09*	
		For 16" On Center Gable Studs, Add	*90.07*	
06 17 53 00-0052	EA	56' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	942.22	234.87
		For 3 In 12 Slope, Add	*14.17*	
		For 5 In 12 Slope, Add	*37.80*	
		For 6 In 12 Slope, Add	*70.87*	
		For 7 In 12 Slope, Add	*94.50*	
		For 8 In 12 Slope, Add	*113.40*	
		For 16" On Center Gable Studs, Add	*94.50*	
06 17 53 00-0053	EA	58' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	975.67	238.48
		For 3 In 12 Slope, Add	*14.96*	
		For 5 In 12 Slope, Add	*39.90*	
		For 6 In 12 Slope, Add	*74.81*	
		For 7 In 12 Slope, Add	*99.74*	
		For 8 In 12 Slope, Add	*119.69*	
		For 16" On Center Gable Studs, Add	*99.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 53 00-0054	EA	60' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	996.42	242.10
		For 3 In 12 Slope, Add	*15.37*	
		For 5 In 12 Slope, Add	*40.98*	
		For 6 In 12 Slope, Add	*76.83*	
		For 7 In 12 Slope, Add	*102.45*	
		For 8 In 12 Slope, Add	*122.94*	
		For 16" On Center Gable Studs, Add	*102.45*	

06 18 Glued-Laminated Construction *(06 10)*

06 18 13 Glued-Laminated Beams *(06 18)*

06 18 13 00-0001 Glue Laminated Straight Beams *(06 18 13)*

Note: Based on southern yellow pine or hemlock lumber with waterproof glue and factor applied sealer.

06 18 13 00-0002	LF	3-1/2" x 6" Glue Laminated Straight Beam	9.95	3.14
06 18 13 00-0003	LF	3-1/2" x 7-1/2" Glue Laminated Straight Beam	12.44	3.92
06 18 13 00-0004	LF	3-1/2" x 9" Glue Laminated Straight Beam	14.93	4.70
06 18 13 00-0005	LF	3-1/2" x 9-1/2" Glue Laminated Straight Beam	15.75	4.97
06 18 13 00-0006	LF	3-1/2" x 10-1/2" Glue Laminated Straight Beam	17.39	5.49
06 18 13 00-0007	LF	3-1/2" x 12" Glue Laminated Straight Beam	19.89	6.28
06 18 13 00-0008	LF	3-1/2" x 13-1/2" Glue Laminated Straight Beam	22.38	7.05
06 18 13 00-0009	LF	3-1/2" x 14" Glue Laminated Straight Beam	23.20	7.33
06 18 13 00-0010	LF	3-1/2" x 15" Glue Laminated Straight Beam	24.87	7.84
06 18 13 00-0011	LF	3-1/2" x 16" Glue Laminated Straight Beam	26.51	8.38
06 18 13 00-0012	LF	3-1/2" x 16-1/2" Glue Laminated Straight Beam	27.36	8.64
06 18 13 00-0013	LF	3-1/2" x 18" Glue Laminated Straight Beam	29.83	9.42
06 18 13 00-0014	LF	3-1/2" x 19-1/2" Glue Laminated Straight Beam	32.32	10.20
06 18 13 00-0015	LF	3-1/2" x 21" Glue Laminated Straight Beam	34.81	10.99
06 18 13 00-0016	LF	3-1/2" x 22.5" Glue Laminated Straight Beam	37.31	11.78
06 18 13 00-0017	LF	5-1/2" x 6" Glue Laminated Straight Beam	15.63	4.93
06 18 13 00-0018	LF	5-1/2" x 7-1/2" Glue Laminated Straight Beam	19.54	6.17
06 18 13 00-0019	LF	5-1/2" x 9" Glue Laminated Straight Beam	23.45	7.39
06 18 13 00-0020	LF	5-1/2" x 9-1/2" Glue Laminated Straight Beam	24.75	7.82
06 18 13 00-0021	LF	5-1/2" x 10-1/2" Glue Laminated Straight Beam	27.36	8.64
06 18 13 00-0022	LF	5-1/2" x 12" Glue Laminated Straight Beam	31.27	9.86
06 18 13 00-0023	LF	5-1/2" x 13-1/2" Glue Laminated Straight Beam	35.17	11.10
06 18 13 00-0024	LF	5-1/2" x 14" Glue Laminated Straight Beam	36.47	11.51
06 18 13 00-0025	LF	5-1/2" x 15" Glue Laminated Straight Beam	39.08	12.33
06 18 13 00-0026	LF	5-1/2" x 16" Glue Laminated Straight Beam	41.67	13.16
06 18 13 00-0027	LF	5-1/2" x 16-1/2" Glue Laminated Straight Beam	42.99	13.57
06 18 13 00-0028	LF	5-1/2" x 18" Glue Laminated Straight Beam	46.89	14.80
06 18 13 00-0029	LF	5-1/2" x 19-1/2" Glue Laminated Straight Beam	50.80	16.03
06 18 13 00-0030	LF	5-1/2" x 21" Glue Laminated Straight Beam	54.70	17.26
06 18 13 00-0031	LF	5-1/2" x 22.5" Glue Laminated Straight Beam	58.63	18.50
06 18 13 00-0032	LF	5-1/2" x 24" Glue Laminated Straight Beam	62.53	19.73
06 18 13 00-0033	LF	6-3/4" x 9" Glue Laminated Straight Beam	28.79	9.08
06 18 13 00-0034	LF	6-3/4" x 9-1/2" Glue Laminated Straight Beam	30.37	9.58
06 18 13 00-0035	LF	6-3/4" x 10-1/2" Glue Laminated Straight Beam	33.58	10.60
06 18 13 00-0036	LF	6-3/4" x 12" Glue Laminated Straight Beam	38.36	12.11
06 18 13 00-0037	LF	6-3/4" x 13-1/2" Glue Laminated Straight Beam	43.17	13.62
06 18 13 00-0038	LF	6-3/4" x 14" Glue Laminated Straight Beam	44.76	14.13
06 18 13 00-0039	LF	6-3/4" x 15" Glue Laminated Straight Beam	47.96	15.14
06 18 13 00-0040	LF	6-3/4" x 16" Glue Laminated Straight Beam	51.16	16.13
06 18 13 00-0041	LF	6-3/4" x 16-1/2" Glue Laminated Straight Beam	52.76	16.64
06 18 13 00-0042	LF	6-3/4" x 18" Glue Laminated Straight Beam	57.54	18.15
06 18 13 00-0043	LF	6-3/4" x 19-1/2" Glue Laminated Straight Beam	62.34	19.67
06 18 13 00-0044	LF	6-3/4" x 21" Glue Laminated Straight Beam	67.14	21.18
06 18 13 00-0045	LF	6-3/4" x 22.5" Glue Laminated Straight Beam	71.93	22.70
06 18 13 00-0046	LF	6-3/4" x 24" Glue Laminated Straight Beam	76.73	24.21
06 18 13 00-0047	LF	8-3/4" x 9" Glue Laminated Straight Beam	37.31	11.78
06 18 13 00-0048	LF	8-3/4" x 9-1/2" Glue Laminated Straight Beam	39.37	12.42
06 18 13 00-0049	LF	8-3/4" x 10-1/2" Glue Laminated Straight Beam	43.51	13.74
06 18 13 00-0050	LF	8-3/4" x 12" Glue Laminated Straight Beam	49.73	15.69
06 18 13 00-0051	LF	8-3/4" x 13-1/2" Glue Laminated Straight Beam	55.96	17.65
06 18 13 00-0052	LF	8-3/4" x 14" Glue Laminated Straight Beam	58.01	18.31
06 18 13 00-0053	LF	8-3/4" x 15" Glue Laminated Straight Beam	62.16	19.61
06 18 13 00-0054	LF	8-3/4" x 16" Glue Laminated Straight Beam	66.31	20.93
06 18 13 00-0055	LF	8-3/4" x 16-1/2" Glue Laminated Straight Beam	68.38	21.58
06 18 13 00-0056	LF	8-3/4" x 18" Glue Laminated Straight Beam	74.61	23.53
06 18 13 00-0057	LF	8-3/4" x 19-1/2" Glue Laminated Straight Beam	80.82	25.49
06 18 13 00-0058	LF	8-3/4" x 21" Glue Laminated Straight Beam	87.04	27.47
06 18 13 00-0059	LF	8-3/4" x 22.5" Glue Laminated Straight Beam	93.26	29.43
06 18 13 00-0060	LF	8-3/4" x 24" Glue Laminated Straight Beam	99.47	31.39

06 18 13 00-0061 Glue Laminated Decking *(06 18 13)*

06 18 13 00-0062	LF	2" - 4" Thick x 4" Wide Glue Laminated Decking	5.06	1.97
06 18 13 00-0063	LF	2" - 4" Thick x 6" Wide Glue Laminated Decking	5.22	1.97
06 18 13 00-0064	LF	2" - 4" Thick x 8" Wide Glue Laminated Decking	5.35	1.85

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 18 16		**Glued-Laminated Columns** *(06 18)*		
06 18 16 00-0001		Glue Laminated Structural Units *(06 18 16)* Note: Based on southern yellow pine or hemlock lumber in 2" laminations with waterproof glue and factor applied sealer.		
06 18 16 00-0002	LF	3-1/4" x 7-1/2" Glue Laminated Purlin Or Column	14.87	4.01
06 18 16 00-0003	LF	3-1/4" x 9-1/4" Glue Laminated Purlin Or Column	16.75	4.46
06 18 16 00-0004	LF	5-1/4" x 9-1/4" Glue Laminated Purlin Or Column	31.50	9.52
06 18 16 00-0005	LF	5-1/4" x 13" Glue Laminated Purlin Or Column	34.59	9.98
06 20		**Finish Carpentry** *(06)*		
06 20 23		**Interior Finish Carpentry** *(06 20)*		
06 20 23 00-0001		Residential Wood Shelving *(06 20 23)* Note: Wood shelving is clear or finger jointed pine, poplar, laminated particleboard or medium-density fiberboard (MDF) shelving. Includes brackets.		
06 20 23 00-0002	LF	12" Wide Wood Shelving For Residential Closets	32.19	7.29
06 20 23 00-0003	LF	16" Wide Wood Shelving For Residential Closets	48.31	11.04
06 20 23 00-0004	LF	20" Wide Wood Shelving For Residential Closets	64.64	14.69
06 22		**Millwork** *(06 20)*		
06 22 13		**Standard Pattern Wood Trim** *(06 22)*		
06 22 13 00-0001		Pine Moldings (All Dimensions Are Nominal) *(06 22 13)*		
06 22 13 00-0002	LF	1/4" x 1-1/4" Wood Lattice Strip	3.32	1.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.43*	
06 22 13 00-0003	LF	1/4" x 1-5/8" Wood Lattice Strip	3.49	0.91
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.43*	
06 22 13 00-0004	LF	1/4" x 2-1/2" Wood Lattice Strip	4.46	0.91
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.43*	
06 22 13 00-0005	LF	1/4" x 3-1/2" Wood Lattice Strip	5.02	0.91
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.43*	
06 22 13 00-0006		Ceilings (All Dimensions Are Nominal) *(06 22 13)*		
06 22 13 00-0007		White Pine *(06 22 13 00-0006)*		
06 22 13 00-0008	LF	9/16" x 3-5/8" White Pine Crown Or Bed Molding	15.79	3.99
		For Birch, Add	*3.63*	
		For Mahogany, Oak, Maple Or Walnut, Add	*5.11*	
		For Poplar, Add	*2.02*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.31*	
		For Stain Grade Material (No Finger Joints), Add	*1.31*	
06 22 13 00-0009	LF	11/16" x 4-5/8" White Pine Crown Or Bed Molding	21.23	4.78
		For Birch, Add	*5.18*	
		For Mahogany, Oak, Maple Or Walnut, Add	*7.16*	
		For Poplar, Add	*2.88*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.57*	
		For Stain Grade Material (No Finger Joints), Add	*1.87*	
06 22 13 00-0010	LF	3/4" x 3/4" White Pine Crown Or Bed Molding	7.55	2.73
		For Birch, Add	*1.08*	
		For Mahogany, Oak, Maple Or Walnut, Add	*1.81*	
		For Poplar, Add	*0.60*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.05*	
		For Stain Grade Material (No Finger Joints), Add	*0.39*	
06 22 13 00-0011	LF	9/16" x 1-5/8" White Pine Crown Or Bed Molding	8.65	2.73
		For Birch, Add	*1.48*	
		For Mahogany, Oak, Maple Or Walnut, Add	*2.30*	
		For Poplar, Add	*0.82*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.05*	
		For Stain Grade Material (No Finger Joints), Add	*0.53*	
06 22 13 00-0012	LF	9/16" x 2-1/4" White Pine Crown Or Bed Molding	11.38	3.41
		For Birch, Add	*2.04*	
		For Mahogany, Oak, Maple Or Walnut, Add	*3.13*	
		For Poplar, Add	*1.14*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.31*	
		For Stain Grade Material (No Finger Joints), Add	*0.74*	
06 22 13 00-0013	LF	3/4" x 3-1/2" White Pine Crown Or Bed Molding	13.18	3.41
		For Birch, Add	*2.69*	
		For Mahogany, Oak, Maple Or Walnut, Add	*3.94*	
		For Poplar, Add	*1.50*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.31*	
		For Stain Grade Material (No Finger Joints), Add	*0.97*	
06 22 13 00-0014	LF	5/8" x 4-1/4" White Pine Crown Or Bed Molding	16.39	4.10
		For Birch, Add	*3.44*	
		For Mahogany, Oak, Maple Or Walnut, Add	*4.99*	
		For Poplar, Add	*1.91*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.57*	
		For Stain Grade Material (No Finger Joints), Add	*1.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 22 13 00-0015	LF	1" x 2" White Pine Dentil Molding	7.84	3.19
		For Birch, Add	*1.18*	
		For Mahogany, Oak, Maple Or Walnut, Add	*1.94*	
		For Poplar, Add	*0.66*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.05*	
		For Stain Grade Material (No Finger Joints), Add	*0.43*	
06 22 13 00-0016	LF	9/16" x 1-3/4" White Pine Cove Molding	6.64	2.40
		For Birch, Add	*1.16*	
		For Mahogany, Oak, Maple Or Walnut, Add	*1.79*	
		For Poplar, Add	*0.65*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.78*	
		For Stain Grade Material (No Finger Joints), Add	*0.42*	
06 22 13 00-0017	LF	11/16" x 2-3/4" White Pine Cove Molding	10.10	2.40
		For Birch, Add	*2.41*	
		For Mahogany, Oak, Maple Or Walnut, Add	*3.35*	
		For Poplar, Add	*1.34*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.78*	
		For Stain Grade Material (No Finger Joints), Add	*0.87*	
06 22 13 00-0018	LF	3/8" x 3/8" White Pine Cove Molding	3.91	1.37
		For Birch, Add	*0.55*	
		For Mahogany, Oak, Maple Or Walnut, Add	*0.93*	
		For Poplar, Add	*0.31*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.55*	
		For Stain Grade Material (No Finger Joints), Add	*0.20*	
06 22 13 00-0019	LF	1/2" x 1/2" White Pine Cove Molding	4.29	1.37
		For Birch, Add	*0.69*	
		For Mahogany, Oak, Maple Or Walnut, Add	*1.10*	
		For Poplar, Add	*0.38*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.55*	
		For Stain Grade Material (No Finger Joints), Add	*0.25*	
06 22 13 00-0020	LF	5/8" x 5/8" White Pine Cove Molding	5.74	1.71
		For Birch, Add	*1.04*	
		For Mahogany, Oak, Maple Or Walnut, Add	*1.59*	
		For Poplar, Add	*0.58*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.66*	
		For Stain Grade Material (No Finger Joints), Add	*0.38*	
06 22 13 00-0021	LF	3/4" x 3/4" White Pine Cove Molding	5.74	1.71
		For Birch, Add	*1.04*	
		For Mahogany, Oak, Maple Or Walnut, Add	*1.59*	
		For Poplar, Add	*0.58*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.66*	
		For Stain Grade Material (No Finger Joints), Add	*0.38*	
06 22 13 00-0022	LF	15/16" x 15/16" White Pine Cove Molding	7.49	1.71
		For Birch, Add	*1.67*	
		For Mahogany, Oak, Maple Or Walnut, Add	*2.37*	
		For Poplar, Add	*0.93*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.66*	
		For Stain Grade Material (No Finger Joints), Add	*0.60*	
06 22 13 00-0023	LF	7-1/2" Wide White Pine Mullion Covers	49.64	2.05
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.94*	
06 22 13 00-0024	LF	Three Piece White Pine Mullion Trim, 2 Cove Moldings	62.91	2.05
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.94*	

06 22 13 00-0025 Cedar Trim *(06 22 13 00-0006)*

06 22 13 00-0026	LF	2" x 4" Cedar Ceiling Trim	13.19	5.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.90*	

06 22 13 00-0027 Oak Trim *(06 22 13 00-0006)*

06 22 13 00-0028	LF	1" x 8" Clear Oak Ceiling Trim	13.78	5.28
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.76*	

06 22 13 00-0029 Closet Poles *(06 22 13)*

06 22 13 00-0030	LF	1-1/8" Diameter Pine Closet Poles	11.56	2.96
06 22 13 00-0031	LF	1-5/8" Diameter Pine Closet Poles	14.15	2.96
06 22 13 00-0032	LF	2" Diameter Pine Closet Poles	19.48	3.30

06 25 Prefinished Paneling *(06 20)*

06 25 16 Prefinished Plywood Paneling *(06 25)*

06 25 16 00-0001 Hardboard Panels *(06 25 16)*
Note: Excludes furring and trim.

06 25 16 00-0002 Tempered Hardboard Panels *(06 25 16 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 25 16 00-0003	SF	1/4" Tempered Hardboard Panels	7.21	2.06
		For Waterproof Glue, Add	*0.18*	
		For Ceiling Installation, Add	*1.41*	
		For Glue Laminated Installation, Add	*0.36*	
		For 1/8" Thick Paneling, Deduct	*-0.75*	
		For 1/2" Thick Paneling, Add	*1.92*	
		For 5/8" Thick Paneling, Add	*2.45*	
		For 3/4" Thick Paneling, Add	*3.13*	
		For Fire Retardant Treatment (Class I), Add	*1.99*	

06 40 Architectural Woodwork *(06)*

06 41 Architectural Wood Casework *(06 40)*

06 41 13 Wood-Veneer-Faced Architectural Cabinets *(06 41)*

06 41 13 00-0001 Removal And Reinstallation Of Cabinet Or Counters *(06 41 13)*
Note: Includes storage, cleaning and supply materials. Any height or width.

06 41 13 00-0002	LF	Removal And Reinstallation Of Wood Base Cabinets	87.13	
06 41 13 00-0003	LF	Removal And Reinstallation Of Wall Cabinets	75.76	
06 41 13 00-0004	LF	Removal And Reinstallation Of Plastic Laminated Countertops	18.08	

06 41 13 00-0005 Wood-Veneer Faced Wall And Base Cabinets *(06 41 13)*
Note: Kitchen cabinets are constructed of 3/8" and 1/2" thick laminated particleboard with corner braces. Shelves are 3/4" laminated particleboard. The face frame is 3/4" x 1-1/2" solid wood. Hinges are 6 way adjustable, fully concealed steel. Drawers are 1/2" thick laminated particleboard boxes with 3/8" laminated particleboard bottoms. Drawer guides are side mounted, epoxy coated double rails. Excludes door or drawer pull hardware.

06 41 13 00-0006 Solid Maple Face Frame And Door, Wall And Base Cabinets *(06 41 13 00-0005)*

06 41 13 00-0007 Base Cabinets, 35" High, 23-3/4" Deep *(06 41 13 00-0006)*

06 41 13 00-0008	EA	12" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	382.22	22.77
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*112.79*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0009	EA	15" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	406.65	28.47
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*112.79*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0010	EA	18" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	425.18	34.16
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*112.79*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0011	EA	21" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	447.32	39.86
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*112.79*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0012	EA	24" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	508.98	45.55
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*112.79*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0013	EA	27" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	532.08	51.25
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*112.79*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0014	EA	30" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	575.50	56.94
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*112.79*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0015	EA	33" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	606.22	62.63
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*112.79*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0016	EA	36" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	625.04	68.33
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*112.79*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0017	EA	48" Wide, 35" High x 23-3/4" Deep, Double Drawer and Double Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	712.94	91.11
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*225.58*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0018	EA	30" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	789.61	56.94
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*225.58*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0019	EA	36" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	876.43	68.33
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*225.58*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0020	EA	30" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	828.80	56.94
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*338.37*	
		For All Plywood Box Construction, Add	*117.57*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0021	EA	36" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	925.18	68.33
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*338.37*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0022	EA	12" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	387.96	22.77
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*338.37*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0023	EA	15" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	397.09	28.47
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*338.37*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0024	EA	18" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	433.78	34.16
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*338.37*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0025	EA	21" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	461.66	39.86
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*338.37*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0026	EA	24" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	481.26	45.55
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*338.37*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0027	EA	27" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	505.32	51.25
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*338.37*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0028	EA	30" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	826.89	56.94
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*338.37*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0029	EA	33" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	871.95	62.63
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*338.37*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0030	EA	36" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	916.58	68.33
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*338.37*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0031	EA	12" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	475.90	22.77
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*451.17*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0032	EA	15" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	485.98	28.47
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*451.17*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0033	EA	18" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	527.45	34.16
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*451.17*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0034	EA	21" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	561.07	39.86
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*451.17*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0035	EA	24" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	590.23	45.55
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*451.17*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0036	EA	27" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	620.02	51.25
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*451.17*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0037	EA	30" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	867.03	56.94
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*451.17*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0038	EA	33" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	916.88	62.63
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*451.17*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0039	EA	36" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	968.20	68.33
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*451.17*	
		For All Plywood Box Construction, Add	*117.57*	

06 41 13 00-0040 Wall Cabinet, 12" High, 12" Deep *(06 41 13 00-0006)*

06 41 13 00-0041	EA	30" Wide, 12" High x 12" Deep, Double Door, Solid Maple Face Frame and Doors, Wall Cabinet	343.03	56.94
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0042	EA	33" Wide, 12" High x 12" Deep, Double Door, Solid Maple Face Frame and Doors, Wall Cabinet	365.91	62.63
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0043	EA	36" Wide, 12" High x 12" Deep, Double Door, Solid Maple Face Frame and Doors, Wall Cabinet	403.35	68.33
		For All Plywood Box Construction, Add	*63.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0044	EA	39" Wide, 12" High x 12" Deep, Double Door, Solid Maple Face Frame and Doors, Wall Cabinet	430.11	74.02
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0045		**Wall Cabinets, 14" High, 12" Deep** *(06 41 13 00-0006)*		
06 41 13 00-0046	EA	12" Wide, 14" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	291.08	22.77
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0047	EA	15" Wide, 14" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	298.13	28.47
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0048	EA	18" Wide, 14" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	312.83	34.16
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0049	EA	21" Wide, 14" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	320.85	39.86
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0050	EA	24" Wide, 14" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	329.82	45.55
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0051	EA	30" Wide, 14" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	345.47	56.94
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0052	EA	33" Wide, 14" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	369.74	62.63
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0053	EA	36" Wide, 14" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	403.35	68.33
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0054	EA	39" Wide, 14" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	430.11	74.02
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0055		**Wall Cabinets, 18" High, 12" Deep** *(06 41 13 00-0006)*		
06 41 13 00-0056	EA	12" Wide, 18" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	302.55	22.77
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0057	EA	15" Wide, 18" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	318.20	28.47
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0058	EA	18" Wide, 18" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	330.04	34.16
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0059	EA	21" Wide, 18" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	342.83	39.86
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0060	EA	24" Wide, 18" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	360.41	45.55
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0061	EA	27" Wide, 18" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	380.66	51.27
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0062	EA	30" Wide, 18" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	399.00	56.94
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0063	EA	33" Wide, 18" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	413.71	62.63
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0064	EA	36" Wide, 18" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	422.47	68.33
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0065		**Wall Cabinets, 30" High, 12" Deep** *(06 41 13 00-0006)*		
06 41 13 00-0066	EA	12" Wide, 30" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	329.44	22.77
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0067	EA	15" Wide, 30" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	358.52	28.47
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0068	EA	18" Wide, 30" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	382.55	34.16
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0069	EA	21" Wide, 30" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	411.53	39.86
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0070	EA	24" Wide, 30" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	439.60	45.55
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0071	EA	27" Wide, 30" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	481.83	51.27
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0072	EA	30" Wide, 30" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	493.48	56.94
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0073	EA	33" Wide, 30" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	538.00	62.63
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0074	EA	36" Wide, 30" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	553.82	68.33
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0075		**Wall Cabinets, 36" High, 12" Deep** *(06 41 13 00-0006)*		
06 41 13 00-0076	EA	12" Wide, 36" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	370.54	22.77
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0077	EA	15" Wide, 36" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	401.53	28.47
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0078	EA	18" Wide, 36" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	428.43	34.16
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0079	EA	21" Wide, 36" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	459.32	39.86
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0080	EA	24" Wide, 36" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	538.06	45.55
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0081	EA	27" Wide, 36" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	541.09	51.27
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0082	EA	30" Wide, 36" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	560.39	56.94
		For All Plywood Box Construction, Add	*63.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0083	EA	33" Wide, 36" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	612.56	62.63
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0084	EA	36" Wide, 36" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	628.38	68.33
		For All Plywood Box Construction, Add	*63.09*	

06 41 13 00-0085 Wall Cabinets, 42" High, 12" Deep *(06 41 13 00-0006)*

06 41 13 00-0086	EA	12" Wide, 42" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	413.56	22.77
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0087	EA	15" Wide, 42" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	451.23	28.47
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0088	EA	18" Wide, 42" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	480.05	34.16
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0089	EA	21" Wide, 42" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	509.98	39.86
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0090	EA	24" Wide, 42" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	555.26	45.55
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0091	EA	27" Wide, 42" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	592.71	51.27
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0092	EA	30" Wide, 42" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	623.48	56.94
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0093	EA	33" Wide, 42" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	682.33	62.63
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0094	EA	36" Wide, 42" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	702.94	68.33
		For All Plywood Box Construction, Add	*63.09*	

06 41 13 00-0095 Wall Cabinets, 12" High, 23-3/4" Deep *(06 41 13 00-0006)*

06 41 13 00-0096	EA	30" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	392.93	56.94
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0097	EA	33" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	421.74	62.63
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0098	EA	36" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	452.99	68.33
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0099	EA	39" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	489.62	74.02
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0100	EA	48" Wide, 12" High x 23-3/4" Deep, Triple Door, Solid Maple Face Frame and Door, Wall Cabinet	577.95	91.11
		For All Plywood Box Construction, Add	*63.09*	

06 41 13 00-0101 Utility Cabinets, 84" High *(06 41 13 00-0006)*

06 41 13 00-0102	EA	15" Wide, 84" High x 12" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet	751.90	50.61
		For All Plywood Box Construction, Add	*233.23*	
06 41 13 00-0103	EA	18" Wide, 84" High x 12" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet	850.23	60.74
		For All Plywood Box Construction, Add	*233.23*	
06 41 13 00-0104	EA	21" Wide, 84" High x 12" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet	955.27	475.77
		For All Plywood Box Construction, Add	*233.23*	
06 41 13 00-0105	EA	24" Wide, 84" High x 12" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet	1,003.92	80.99
		For All Plywood Box Construction, Add	*233.23*	
06 41 13 00-0106	EA	30" Wide, 84" High x 12" Deep, Four Door, Solid Maple Face Frame and Door, Pantry Cabinet	1,214.09	101.22
		For All Plywood Box Construction, Add	*233.23*	
06 41 13 00-0107	EA	36" Wide, 84" High x 12" Deep, Four Door, Solid Maple Face Frame and Door, Pantry Cabinet	1,399.42	121.47
		For All Plywood Box Construction, Add	*233.23*	
06 41 13 00-0108	EA	15" Wide, 84" High x 24" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet	849.40	50.61
		For All Plywood Box Construction, Add	*233.23*	
06 41 13 00-0109	EA	18" Wide, 84" High x 24" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet	939.13	60.74
		For All Plywood Box Construction, Add	*233.23*	
06 41 13 00-0110	EA	21" Wide, 84" High x 24" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet	1,071.89	70.86
		For All Plywood Box Construction, Add	*233.23*	
06 41 13 00-0111	EA	24" Wide, 84" High x 24" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet	1,138.69	80.99
		For All Plywood Box Construction, Add	*233.23*	
06 41 13 00-0112	EA	30" Wide, 84" High x 24" Deep, Four Door, Solid Maple Face Frame and Door, Pantry Cabinet	1,411.96	101.22
		For All Plywood Box Construction, Add	*233.23*	
06 41 13 00-0113	EA	36" Wide, 84" High x 24" Deep, Four Door, Solid Maple Face Frame and Door, Pantry Cabinet	1,613.53	121.47
		For All Plywood Box Construction, Add	*233.23*	

06 41 13 00-0114 Solid Oak Face Frame And Door, Wall And Base Cabinets *(06 41 13 00-0005)*

06 41 13 00-0115 Base Cabinets, 35" High, 23-3/4" Deep *(06 41 13 00-0114)*

06 41 13 00-0116	EA	12" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet	344.94	22.77
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*112.79*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0117	EA	15" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet	366.50	28.47
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*112.79*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0118	EA	18" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet	383.12	34.16
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*112.79*	
		For All Plywood Box Construction, Add	*117.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0119	EA	21" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet	403.35	39.86
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*112.79*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0120	EA	24" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet	457.36	45.55
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*112.79*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0121	EA	27" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet	478.56	51.25
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*112.79*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0122	EA	30" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet	516.23	56.94
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*112.79*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0123	EA	33" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet	544.09	62.63
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*112.79*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0124	EA	36" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet	561.00	68.33
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*112.79*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0125	EA	48" Wide, 35" High x 23-3/4" Deep, Double Drawer and Double Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet	639.34	91.11
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*225.58*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0126	EA	30" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	705.49	56.94
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*225.58*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0127	EA	36" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	781.80	68.33
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*225.58*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0128	EA	30" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	739.90	56.94
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*338.37*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0129	EA	36" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	824.82	68.33
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*338.37*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0130	EA	12" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	350.68	22.77
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*338.37*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0131	EA	15" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	358.85	28.47
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*338.37*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0132	EA	18" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	390.77	34.16
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*338.37*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0133	EA	21" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	415.78	39.86
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*338.37*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0134	EA	24" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	433.47	45.55
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*338.37*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0135	EA	27" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	454.66	51.25
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*338.37*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0136	EA	30" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	737.99	56.94
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*338.37*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0137	EA	33" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	777.32	62.63
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*338.37*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0138	EA	36" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	817.17	68.33
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*338.37*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0139	EA	12" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	427.15	22.77
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*451.17*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0140	EA	15" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	437.24	28.47
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*451.17*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0141	EA	18" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	473.93	34.16
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*451.17*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0142	EA	21" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	503.72	39.86
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*451.17*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0143	EA	24" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	529.05	45.55
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*451.17*	
		For All Plywood Box Construction, Add	*117.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0144	EA	27" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	555.98	51.25
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*451.17*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0145	EA	30" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	773.36	56.94
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*451.17*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0146	EA	33" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	817.47	62.63
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*451.17*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0147	EA	36" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	863.05	68.33
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*451.17*	
		For All Plywood Box Construction, Add	*117.57*	

06 41 13 00-0148 Wall Cabinets, 12" High, 12" Deep *(06 41 13 00-0114)*

06 41 13 00-0149	EA	30" Wide, 12" High x 12" Deep, Double Door, Solid Oak Face Frame and Doors, Wall Cabinet	310.53	56.94
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0150	EA	33" Wide, 12" High x 12" Deep, Double Door, Solid Oak Face Frame and Doors, Wall Cabinet	330.54	62.63
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0151	EA	36" Wide, 12" High x 12" Deep, Double Door, Solid Oak Face Frame and Doors, Wall Cabinet	364.16	68.33
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0152	EA	39" Wide, 12" High x 12" Deep, Double Door, Solid Oak Face Frame and Doors, Wall Cabinet	388.06	74.02
		For All Plywood Box Construction, Add	*63.09*	

06 41 13 00-0153 Wall Cabinets, 14" High, 12" Deep *(06 41 13 00-0114)*

06 41 13 00-0154	EA	12" Wide, 14" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	264.31	22.77
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0155	EA	15" Wide, 14" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	270.41	28.47
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0156	EA	18" Wide, 14" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	283.20	34.16
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0157	EA	21" Wide, 14" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	291.22	39.86
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0158	EA	24" Wide, 14" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	299.23	45.55
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0159	EA	30" Wide, 14" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	312.97	56.94
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0160	EA	33" Wide, 14" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	334.37	62.63
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0161	EA	36" Wide, 14" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	364.16	68.33
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0162	EA	39" Wide, 14" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	388.06	74.02
		For All Plywood Box Construction, Add	*63.09*	

06 41 13 00-0163 Wall Cabinets, 18" High, 12" Deep *(06 41 13 00-0114)*

06 41 13 00-0164	EA	12" Wide, 18" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	273.87	22.77
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0165	EA	15" Wide, 18" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	287.61	28.47
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0166	EA	18" Wide, 18" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	298.50	34.16
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0167	EA	21" Wide, 18" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	310.33	39.86
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0168	EA	24" Wide, 18" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	326.00	45.55
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0169	EA	27" Wide, 18" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	344.33	51.27
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0170	EA	30" Wide, 18" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	359.81	56.94
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0171	EA	33" Wide, 18" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	373.56	62.63
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0172	EA	36" Wide, 18" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	381.37	68.33
		For All Plywood Box Construction, Add	*63.09*	

06 41 13 00-0173 Wall Cabinets, 30" High, 12" Deep *(06 41 13 00-0114)*

06 41 13 00-0174	EA	12" Wide, 30" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	299.81	22.77
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0175	EA	15" Wide, 30" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	326.02	28.47
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0176	EA	18" Wide, 30" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	347.18	34.16
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0177	EA	21" Wide, 30" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	372.34	39.86
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0178	EA	24" Wide, 30" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	397.55	45.55
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0179	EA	27" Wide, 30" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	434.99	51.27
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0180	EA	30" Wide, 30" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	445.69	56.94
		For All Plywood Box Construction, Add	*63.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0181	EA	33" Wide, 30" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	484.47	62.63
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0182	EA	36" Wide, 30" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	499.34	68.33
		For All Plywood Box Construction, Add	*63.09*	

06 41 13 00-0183 Wall Cabinets, 36" High, 12" Deep *(06 41 13 00-0114)*

06 41 13 00-0184	EA	12" Wide, 36" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	336.13	22.77
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0185	EA	15" Wide, 36" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	363.30	28.47
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0186	EA	18" Wide, 36" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	387.33	34.16
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0187	EA	21" Wide, 36" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	414.40	39.86
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0188	EA	24" Wide, 36" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	484.53	45.55
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0189	EA	27" Wide, 36" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	486.61	51.27
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0190	EA	30" Wide, 36" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	504.00	56.94
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0191	EA	33" Wide, 36" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	550.43	62.63
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0192	EA	36" Wide, 36" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	564.34	68.33
		For All Plywood Box Construction, Add	*63.09*	

06 41 13 00-0193 Wall Cabinets, 42" High, 12" Deep *(06 41 13 00-0114)*

06 41 13 00-0194	EA	12" Wide, 42" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	373.41	22.77
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0195	EA	15" Wide, 42" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	407.26	28.47
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0196	EA	18" Wide, 42" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	433.21	34.16
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0197	EA	21" Wide, 42" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	459.32	39.86
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0198	EA	24" Wide, 42" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	499.82	45.55
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0199	EA	27" Wide, 42" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	532.49	51.27
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0200	EA	30" Wide, 42" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	559.44	56.94
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0201	EA	33" Wide, 42" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	611.60	62.63
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0202	EA	36" Wide, 42" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	630.29	68.33
		For All Plywood Box Construction, Add	*63.09*	

06 41 13 00-0203 Wall Cabinets, 12" High, 23-3/4" Deep *(06 41 13 00-0114)*

06 41 13 00-0204	EA	30" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	355.65	56.94
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0205	EA	33" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	381.59	62.63
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0206	EA	36" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	409.02	68.33
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0207	EA	39" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	441.82	74.02
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0208	EA	48" Wide, 12" High x 23-3/4" Deep, Triple Door, Solid Oak Face Frame and Door, Wall Cabinet	519.64	91.11
		For All Plywood Box Construction, Add	*63.09*	

06 41 13 00-0209 Utility Cabinets, 84" High *(06 41 13 00-0114)*

06 41 13 00-0210	EA	15" Wide, 84" High x 12" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet	683.08	50.61
		For All Plywood Box Construction, Add	*233.23*	
06 41 13 00-0211	EA	18" Wide, 84" High x 12" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet	771.85	60.74
		For All Plywood Box Construction, Add	*233.23*	
06 41 13 00-0212	EA	21" Wide, 84" High x 12" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet	866.38	475.77
		For All Plywood Box Construction, Add	*233.23*	
06 41 13 00-0213	EA	24" Wide, 84" High x 12" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet	911.20	80.99
		For All Plywood Box Construction, Add	*233.23*	
06 41 13 00-0214	EA	30" Wide, 84" High x 12" Deep, Four Door, Solid Oak Face Frame and Door, Pantry Cabinet	1,097.48	101.22
		For All Plywood Box Construction, Add	*233.23*	
06 41 13 00-0215	EA	36" Wide, 84" High x 12" Deep, Four Door, Solid Oak Face Frame and Door, Pantry Cabinet	1,262.73	121.47
		For All Plywood Box Construction, Add	*233.23*	
06 41 13 00-0216	EA	15" Wide, 84" High x 24" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet	769.11	50.61
		For All Plywood Box Construction, Add	*233.23*	
06 41 13 00-0217	EA	18" Wide, 84" High x 24" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet	850.23	60.74
		For All Plywood Box Construction, Add	*233.23*	
06 41 13 00-0218	EA	21" Wide, 84" High x 24" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet	968.66	70.86
		For All Plywood Box Construction, Add	*233.23*	
06 41 13 00-0219	EA	24" Wide, 84" High x 24" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet	1,029.73	80.99
		For All Plywood Box Construction, Add	*233.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0220	EA	30" Wide, 84" High x 24" Deep, Four Door, Solid Oak Face Frame and Door, Pantry Cabinet	1,271.45	101.22
		For All Plywood Box Construction, Add	*233.23*	
06 41 13 00-0221	EA	36" Wide, 84" High x 24" Deep, Four Door, Solid Oak Face Frame and Door, Pantry Cabinet	1,451.03	121.47
		For All Plywood Box Construction, Add	*233.23*	
06 41 13 00-0222		Solid Wood Face Frame And Thermofoil Door, Wall And Base Cabinets *(06 41 13 00-0005)*		
06 41 13 00-0223		Base Cabinets, 35" High, 23-3/4" Deep *(06 41 13 00-0222)*		
06 41 13 00-0224	EA	12" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet	344.94	22.77
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*112.79*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0225	EA	15" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet	366.50	28.47
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*112.79*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0226	EA	18" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet	383.12	34.16
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*112.79*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0227	EA	21" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet	403.35	39.86
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*112.79*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0228	EA	24" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet	457.36	45.55
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*112.79*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0229	EA	27" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet	478.56	51.25
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*112.79*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0230	EA	30" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet	516.23	56.94
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*112.79*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0231	EA	33" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet	544.09	62.63
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*112.79*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0232	EA	36" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet	561.00	68.33
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*112.79*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0233	EA	48" Wide, 35" High x 23-3/4" Deep, Double Drawer and Double Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet	639.34	91.11
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*225.58*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0234	EA	30" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	705.49	56.94
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*225.58*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0235	EA	36" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	781.80	68.33
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*225.58*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0236	EA	30" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	739.90	56.94
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*338.37*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0237	EA	36" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	824.82	68.33
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*338.37*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0238	EA	12" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	350.68	22.77
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*338.37*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0239	EA	15" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	358.85	28.47
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*338.37*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0240	EA	18" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	390.77	34.16
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*338.37*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0241	EA	21" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	415.78	39.86
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*338.37*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0242	EA	24" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	433.47	45.55
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*338.37*	
		For All Plywood Box Construction, Add	*117.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0243	EA	27" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	454.66	51.25
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*338.37*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0244	EA	30" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	737.99	56.94
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*338.37*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0245	EA	33" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	777.32	62.63
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*338.37*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0246	EA	36" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	817.17	68.33
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*338.37*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0247	EA	12" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	427.15	22.77
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*451.17*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0248	EA	15" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	437.24	28.47
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*451.17*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0249	EA	18" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	473.93	34.16
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*451.17*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0250	EA	21" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	503.72	39.86
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*451.17*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0251	EA	24" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	529.05	45.55
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*451.17*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0252	EA	27" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	555.98	51.25
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*451.17*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0253	EA	30" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	773.36	56.94
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*451.17*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0254	EA	33" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	817.47	62.63
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*451.17*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0255	EA	36" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	863.05	68.33
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*451.17*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0256		**Wall Cabinets, 12" High, 12" Deep** *(06 41 13 00-0222)*		
06 41 13 00-0257	EA	30" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	310.53	56.94
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0258	EA	33" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	330.54	62.63
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0259	EA	36" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	364.16	68.33
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0260	EA	39" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	388.06	74.02
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0261		**Wall Cabinets, 14" High, 12" Deep** *(06 41 13 00-0222)*		
06 41 13 00-0262	EA	12" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	264.31	22.77
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0263	EA	15" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	270.41	28.47
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0264	EA	18" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	283.20	34.16
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0265	EA	21" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	291.22	39.86
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0266	EA	24" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	299.23	45.55
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0267	EA	30" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	312.97	56.94
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0268	EA	33" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	334.37	62.63
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0269	EA	36" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	364.16	68.33
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0270	EA	39" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	388.06	74.02
		For All Plywood Box Construction, Add	*63.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0271		**Wall Cabinets, 18" High, 12" Deep** *(06 41 13 00-0222)*		
06 41 13 00-0272	EA	12" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	273.87	22.77
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0273	EA	15" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	287.61	28.47
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0274	EA	18" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	298.50	34.16
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0275	EA	21" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	310.33	39.86
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0276	EA	24" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	326.00	45.55
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0277	EA	27" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	344.33	51.27
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0278	EA	30" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	359.81	56.94
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0279	EA	33" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	373.56	62.63
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0280	EA	36" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	381.37	68.33
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0281		**Wall Cabinets, 30" High, 12" Deep** *(06 41 13 00-0222)*		
06 41 13 00-0282	EA	12" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	299.81	22.77
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0283	EA	15" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	326.02	28.47
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0284	EA	18" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	347.18	34.16
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0285	EA	21" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	372.34	39.86
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0286	EA	24" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	397.55	45.55
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0287	EA	27" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	434.99	51.27
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0288	EA	30" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	445.69	56.94
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0289	EA	33" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	484.47	62.63
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0290	EA	36" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	499.34	68.33
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0291		**Wall Cabinets, 36" High, 12" Deep** *(06 41 13 00-0222)*		
06 41 13 00-0292	EA	12" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	336.13	22.77
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0293	EA	15" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	363.30	28.47
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0294	EA	18" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	387.33	34.16
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0295	EA	21" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	414.40	39.86
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0296	EA	24" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	484.53	45.55
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0297	EA	27" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	486.61	51.27
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0298	EA	30" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	504.00	56.94
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0299	EA	33" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	550.43	62.63
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0300	EA	36" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	564.34	68.33
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0301		**Wall Cabinets, 42" High, 12" Deep** *(06 41 13 00-0222)*		
06 41 13 00-0302	EA	12" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	373.41	22.77
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0303	EA	15" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	407.26	28.47
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0304	EA	18" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	433.21	34.16
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0305	EA	21" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	459.32	39.86
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0306	EA	24" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	499.82	45.55
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0307	EA	27" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	532.49	51.27
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0308	EA	30" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	559.44	56.94
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0309	EA	33" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	611.60	62.63
		For All Plywood Box Construction, Add	*63.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0310	EA	36" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	630.29	68.33
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0311		**Wall Cabinets, 12" High, 23-3/4" Deep** *(06 41 13 00-0222)*		
06 41 13 00-0312	EA	30" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	355.65	56.94
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0313	EA	33" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	381.59	62.63
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0314	EA	36" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	409.02	68.33
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0315	EA	39" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	441.82	74.02
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0316	EA	48" Wide, 12" High x 23-3/4" Deep, Triple Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	519.64	91.11
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0317		**Utility Cabinets, 84" High** *(06 41 13 00-0222)*		
06 41 13 00-0318	EA	15" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	683.08	50.61
		For All Plywood Box Construction, Add	*233.23*	
06 41 13 00-0319	EA	18" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	771.85	60.74
		For All Plywood Box Construction, Add	*233.23*	
06 41 13 00-0320	EA	21" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	866.38	475.77
		For All Plywood Box Construction, Add	*233.23*	
06 41 13 00-0321	EA	24" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	911.20	80.99
		For All Plywood Box Construction, Add	*233.23*	
06 41 13 00-0322	EA	30" Wide, 84" High x 12" Deep, Four Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	1,097.48	101.22
		For All Plywood Box Construction, Add	*233.23*	
06 41 13 00-0323	EA	36" Wide, 84" High x 12" Deep, Four Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	1,262.73	121.47
		For All Plywood Box Construction, Add	*233.23*	
06 41 13 00-0324	EA	15" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	769.11	50.61
		For All Plywood Box Construction, Add	*233.23*	
06 41 13 00-0325	EA	18" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	850.23	60.74
		For All Plywood Box Construction, Add	*233.23*	
06 41 13 00-0326	EA	21" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	968.66	70.86
		For All Plywood Box Construction, Add	*233.23*	
06 41 13 00-0327	EA	24" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	1,029.73	80.99
		For All Plywood Box Construction, Add	*233.23*	
06 41 13 00-0328	EA	30" Wide, 84" High x 24" Deep, Four Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	1,271.45	101.22
		For All Plywood Box Construction, Add	*233.23*	
06 41 13 00-0329	EA	36" Wide, 84" High x 24" Deep, Four Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	1,451.03	121.47
		For All Plywood Box Construction, Add	*233.23*	
06 41 13 00-0330		**Solid Wood Face Frame And Decorative Laminate Veneer Door, Wall And Base Cabinets** *(06 41 13 00-0005)*		
06 41 13 00-0331		**Base Cabinets, 35" High, 23-3/4" Deep** *(06 41 13 00-0330)*		
06 41 13 00-0332	EA	12" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	344.94	22.77
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*112.79*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0333	EA	15" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	366.50	28.47
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*112.79*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0334	EA	18" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	383.12	34.16
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*112.79*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0335	EA	21" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	403.35	39.86
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*112.79*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0336	EA	24" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	457.36	45.55
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*112.79*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0337	EA	27" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	478.56	51.25
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*112.79*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0338	EA	30" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	516.23	56.94
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*112.79*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0339	EA	33" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	544.09	62.63
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*112.79*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0340	EA	36" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	561.00	68.33
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*112.79*	
		For All Plywood Box Construction, Add	*117.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0341	EA	48" Wide, 35" High x 23-3/4" Deep, Double Drawer and Double Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	639.34	91.11
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*225.58*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0342	EA	30" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	705.49	56.94
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*225.58*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0343	EA	36" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	781.80	68.33
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*225.58*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0344	EA	30" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	739.90	56.94
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*338.37*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0345	EA	36" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	824.82	68.33
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*338.37*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0346	EA	12" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	350.68	22.77
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*338.37*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0347	EA	15" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	358.85	28.47
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*338.37*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0348	EA	18" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	390.77	34.16
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*338.37*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0349	EA	21" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	415.78	39.86
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*338.37*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0350	EA	24" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	433.47	45.55
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*338.37*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0351	EA	27" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	454.66	51.25
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*338.37*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0352	EA	30" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	737.99	56.94
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*338.37*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0353	EA	33" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	777.32	62.63
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*338.37*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0354	EA	36" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	817.17	68.33
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*338.37*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0355	EA	12" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	427.15	22.77
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*451.17*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0356	EA	15" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	437.24	28.47
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*451.17*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0357	EA	18" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	473.93	34.16
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*451.17*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0358	EA	21" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	503.72	39.86
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*451.17*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0359	EA	24" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	529.05	45.55
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*451.17*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0360	EA	27" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	555.98	51.25
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*451.17*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0361	EA	30" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	773.36	56.94
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*451.17*	
		For All Plywood Box Construction, Add	*117.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0362	EA	33" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	817.47	62.63
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*451.17*	
		For All Plywood Box Construction, Add	*117.57*	
06 41 13 00-0363	EA	36" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	863.05	68.33
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*451.17*	
		For All Plywood Box Construction, Add	*117.57*	

06 41 13 00-0364 Wall Cabinets, 12" High, 12" Deep *(06 41 13 00-0330)*

06 41 13 00-0365	EA	30" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	310.53	56.94
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0366	EA	33" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	330.54	62.63
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0367	EA	36" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	364.16	68.33
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0368	EA	39" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	388.06	74.02
		For All Plywood Box Construction, Add	*63.09*	

06 41 13 00-0369 Wall Cabinets, 14" High, 12" Deep *(06 41 13 00-0330)*

06 41 13 00-0370	EA	12" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	264.31	22.77
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0371	EA	15" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	270.41	28.47
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0372	EA	18" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	283.20	34.16
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0373	EA	21" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	291.22	39.86
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0374	EA	24" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	299.23	45.55
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0375	EA	30" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	312.97	56.94
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0376	EA	33" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	334.37	62.63
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0377	EA	36" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	364.16	68.33
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0378	EA	39" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	388.06	74.02
		For All Plywood Box Construction, Add	*63.09*	

06 41 13 00-0379 Wall Cabinets, 18" High, 12" Deep *(06 41 13 00-0330)*

06 41 13 00-0380	EA	12" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	273.87	22.77
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0381	EA	15" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	287.61	28.47
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0382	EA	18" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	298.50	34.16
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0383	EA	21" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	310.33	39.86
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0384	EA	24" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	326.00	45.55
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0385	EA	27" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	344.33	51.27
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0386	EA	30" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	359.81	56.94
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0387	EA	33" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	373.56	62.63
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0388	EA	36" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	381.37	68.33
		For All Plywood Box Construction, Add	*63.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0389		**Wall Cabinets, 30" High, 12" Deep** *(06 41 13 00-0330)*		
06 41 13 00-0390	EA	12" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	299.81	22.77
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0391	EA	15" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	326.02	28.47
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0392	EA	18" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	347.18	34.16
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0393	EA	21" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	372.34	39.86
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0394	EA	24" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	397.55	45.55
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0395	EA	27" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	434.99	51.27
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0396	EA	30" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	445.69	56.94
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0397	EA	33" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	484.47	62.63
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0398	EA	36" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	499.34	68.33
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0399		**Wall Cabinets, 36" High, 12" Deep** *(06 41 13 00-0330)*		
06 41 13 00-0400	EA	12" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	336.13	22.77
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0401	EA	15" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	363.30	28.47
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0402	EA	18" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	387.33	34.16
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0403	EA	21" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	414.40	39.86
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0404	EA	24" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	484.53	45.55
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0405	EA	27" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	486.61	51.27
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0406	EA	30" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	504.00	56.94
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0407	EA	33" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	550.43	62.63
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0408	EA	36" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	564.34	68.33
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0409		**Wall Cabinets, 42" High, 12" Deep** *(06 41 13 00-0330)*		
06 41 13 00-0410	EA	12" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	373.41	22.77
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0411	EA	15" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	407.26	28.47
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0412	EA	18" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	433.21	34.16
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0413	EA	21" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	459.32	39.86
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0414	EA	24" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	499.82	45.55
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0415	EA	27" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	532.49	51.27
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0416	EA	30" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	559.44	56.94
		For All Plywood Box Construction, Add	*63.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0417	EA	33" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	611.60	62.63
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0418	EA	36" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	630.29	68.33
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0419		**Wall Cabinets, 12" High, 23-3/4" Deep** *(06 41 13 00-0330)*		
06 41 13 00-0420	EA	30" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	355.65	56.94
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0421	EA	33" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	381.59	62.63
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0422	EA	36" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	409.02	68.33
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0423	EA	39" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	441.82	74.02
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0424	EA	48" Wide, 12" High x 23-3/4" Deep, Triple Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	519.64	91.11
		For All Plywood Box Construction, Add	*63.09*	
06 41 13 00-0425		**Utility Cabinets, 84" High** *(06 41 13 00-0330)*		
06 41 13 00-0426	EA	15" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	683.08	50.61
		For All Plywood Box Construction, Add	*233.23*	
06 41 13 00-0427	EA	18" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	771.85	60.74
		For All Plywood Box Construction, Add	*233.23*	
06 41 13 00-0428	EA	21" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	866.38	475.77
		For All Plywood Box Construction, Add	*233.23*	
06 41 13 00-0429	EA	24" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	911.20	80.99
		For All Plywood Box Construction, Add	*233.23*	
06 41 13 00-0430	EA	30" Wide, 84" High x 12" Deep, Four Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	1,097.48	101.22
		For All Plywood Box Construction, Add	*233.23*	
06 41 13 00-0431	EA	36" Wide, 84" High x 12" Deep, Four Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	1,262.73	121.47
		For All Plywood Box Construction, Add	*233.23*	
06 41 13 00-0432	EA	15" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	769.11	50.61
		For All Plywood Box Construction, Add	*233.23*	
06 41 13 00-0433	EA	18" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	850.23	60.74
		For All Plywood Box Construction, Add	*233.23*	
06 41 13 00-0434	EA	21" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	968.66	70.86
		For All Plywood Box Construction, Add	*233.23*	
06 41 13 00-0435	EA	24" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	1,029.73	80.99
		For All Plywood Box Construction, Add	*233.23*	
06 41 13 00-0436	EA	30" Wide, 84" High x 24" Deep, Four Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	1,271.45	101.22
		For All Plywood Box Construction, Add	*233.23*	
06 41 13 00-0437	EA	36" Wide, 84" High x 24" Deep, Four Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	1,451.03	121.47
		For All Plywood Box Construction, Add	*233.23*	

06 41 93 Cabinet and Drawer Hardware *(06 41)*

06 41 93 00-0001 Cabinet Hardware *(06 41 93)*

Note: Includes all finishes, and mounting screws.

06 41 93 00-0002	EA	4" To 6" Long, 1/2" Diameter, Cabinet Bar Pull	27.83	9.68
06 41 93 00-0003	EA	7" To 9" Long, 1/2" Diameter, Cabinet Bar Pull	28.77	9.68
06 41 93 00-0004	EA	10" To 12" Long, 1/2" Diameter, Cabinet Bar Pull	30.41	9.68
06 41 93 00-0005	EA	3" To 4-1/2", Flat Cabinet Pull Handle	32.24	9.68
06 41 93 00-0006	EA	5" To 6-1/2", Flat Cabinet Pull Handle	33.18	9.68
06 41 93 00-0007	EA	7" To 8-1/2", Flat Cabinet Pull Handle	43.30	9.68
06 41 93 00-0008	EA	12" To 12-1/2", Flat Cabinet Pull Handle	85.16	9.68
06 41 93 00-0009	EA	1-7/16" Diameter, Mushroom Cabinet Pull Knobs	21.74	7.40
06 41 93 00-0010	EA	3-7/16" x 1-5/8" x 1" Projection, Cabinet Cup Pull	21.57	7.40
06 41 93 00-0011	EA	1-1/4" Long, Finger Cabinet Pull	29.42	8.54
06 41 93 00-0012	EA	3" Long, Finger Cabinet Pull	33.82	8.54
06 41 93 00-0013	EA	4" Long, Finger Cabinet Pull	36.83	8.54
06 41 93 00-0014	EA	6" Long, Finger Cabinet Pull	40.94	8.54
06 41 93 00-0015	EA	12" Long, Finger Cabinet Pull	60.04	8.54
06 41 93 00-0016	EA	Cabinet Spring Loaded Adjustable Barrel Ball Catch	42.97	11.39

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 93 00-0017	EA	Cabinet Surface Mounted Square or Matchbook Latch	63.29	11.39
06 41 93 00-0018	EA	Cabinet Door or Drawer Mortised Lock With 2 Keys	169.27	17.09
06 41 93 00-0019	EA	Cabinet Door or Drawer Bored Lock with 2 Keys	56.61	9.68
06 41 93 00-0020	EA	Cabinet Surface Mounted Slide or Barrel Bolt Latch	38.09	9.68
06 41 93 00-0021	EA	4" Wire Pull Handles, Aluminum Satin Finihs (Stanley 4484)	26.09	9.68
06 41 93 00-0022	EA	180 Degree Overlay Clip Top Hinges, Concealed (Stanley BB8180 S826-149)	52.59	11.39
06 41 93 00-0023	EA	1-1/4" Diameter Pull Knobs, Solid Brass (Stanley 4482)	37.81	7.40
06 41 93 00-0024	EA	14" To 22" Full Extension Drawer Slide (KV 8400)	65.23	9.68

06 42 Wood Paneling *(06 40)*

Note: Includes glue for installation.

06 42 13 Wood Board Paneling *(06 42)*

06 42 13 00-0001 Solid Wood Paneling *(06 42 13)*

06 42 13 00-0002 7/16" Solid Wood Paneling, Tongue And Groove, 3" To 5" Wide *(06 42 13 00-0001)*

06 42 13 00-0003	SF	Homestead Cedar Paneling Tongue And Groove, 7/16"	11.52	2.40
06 42 13 00-0004	SF	Homestead Juniper Paneling Tongue And Groove, 7/16"	12.18	2.40

06 42 13 00-0005 7/16" Solid Wood Paneling, Tongue And Groove, 6" To 10" Wide *(06 42 13 00-0001)*

06 42 13 00-0006	SF	8" Random Plank Tongue And Groove, 7/16"	23.39	2.27
06 42 13 00-0007	SF	8" Solid Plank Tongue And Groove, 7/16"	21.29	2.27

06 42 13 00-0008 1/2" Solid Wood Paneling, Tongue And Groove, 4" To 6" Wide *(06 42 13 00-0001)*

06 42 13 00-0009	SF	Alder Wood Tongue And Groove Paneling, 1/2"	13.48	2.40

06 42 13 00-0010 1" Solid Wood Paneling, Shiplap, 6" To 8" Wide *(06 42 13 00-0001)*

06 42 13 00-0011	SF	1" Teredo (Driftwood) Wood Shiplap	8.50	2.05

06 42 16 Flush Wood Paneling *(06 42)*

06 42 16 00-0001 Veneer Hardboard Panels *(06 42 16)*

06 42 16 00-0002	SF	1/4" Maple Or Birch Veneer Paneling	8.66	2.06
		For Waterproof Glue, Add	*0.28*	
		For Ceiling Installation, Add	*1.41*	

06 42 16 00-0003 Plywood Unfinished With Trim 1/4" Thick *(06 42 16)*

06 42 16 00-0004 Birch *(06 42 16 00-0003)*

06 42 16 00-0005	SF	1/4" Unfinished Birch Plywood, Natural Faced With Trim	5.41	1.84
		For Waterproof Glue, Add	*0.09*	
		For Ceiling Installation, Add	*1.24*	
		For Installation On Metal Studs Or Furring, Add	*0.45*	
		For Glue Laminated Installation, Add	*0.27*	
		For Lumber Core, Add	*0.14*	
		For 1/8" Thick Paneling, Deduct	*-0.50*	
		For 1/2" Thick Paneling, Add	*1.19*	
		For 5/8" Thick Paneling, Add	*1.46*	
		For 3/4" Thick Paneling, Add	*1.81*	
		For Fire Retardant Treatment (Class I), Add	*1.02*	

06 42 16 00-0006 Top Grade Plywood Prefinished With Trim 1/4" Thick *(06 42 16)*

06 42 16 00-0007	SF	1/4" Top Grade Plywood, Birch Veneer Prefinished With Trim	6.03	2.06
		For Flitch Matched Veneer, Add	*0.72*	
		For Second Grade Veneer, Deduct	*-0.14*	
		For Third Grade Veneer, Deduct	*-0.22*	
		For Waterproof Glue, Add	*0.10*	
		For Ceiling Installation, Add	*1.38*	
		For Installation On Metal Studs Or Furring, Add	*0.50*	
		For Glue Laminated Installation, Add	*0.30*	
		For Lumber Core, Add	*0.16*	
		For 1/8" Thick Paneling, Deduct	*-0.56*	
		For 1/2" Thick Paneling, Add	*1.33*	
		For 5/8" Thick Paneling, Add	*1.63*	
		For 3/4" Thick Paneling, Add	*2.02*	
		For Fire Retardant Treatment (Class I), Add	*1.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 42 16 00-0008	SF	1/4" Top Grade Plywood, Cherry Veneer Prefinished With Trim	6.67	2.06
		For Flitch Matched Veneer, Add	*1.04*	
		For Second Grade Veneer, Deduct	*-0.21*	
		For Third Grade Veneer, Deduct	*-0.31*	
		For Waterproof Glue, Add	*0.15*	
		For Ceiling Installation, Add	*1.38*	
		For Installation On Metal Studs Or Furring, Add	*0.50*	
		For Glue Laminated Installation, Add	*0.33*	
		For Lumber Core, Add	*0.23*	
		For 1/8" Thick Paneling, Deduct	*-0.67*	
		For 1/2" Thick Paneling, Add	*1.67*	
		For 5/8" Thick Paneling, Add	*2.11*	
		For 3/4" Thick Paneling, Add	*2.67*	
		For Fire Retardant Treatment (Class I), Add	*1.64*	
06 42 16 00-0009	SF	1/4" Top Grade Plywood, Mahogany Veneer Prefinished With Trim	8.75	2.06
		For Flitch Matched Veneer, Add	*1.80*	
		For Second Grade Veneer, Deduct	*-0.36*	
		For Third Grade Veneer, Deduct	*-0.54*	
		For Waterproof Glue, Add	*0.25*	
		For Ceiling Installation, Add	*1.55*	
		For Installation On Metal Studs Or Furring, Add	*0.57*	
		For Glue Laminated Installation, Add	*0.44*	
		For Lumber Core, Add	*0.39*	
		For 1/8" Thick Paneling, Deduct	*-0.96*	
		For 1/2" Thick Paneling, Add	*2.56*	
		For 5/8" Thick Paneling, Add	*3.31*	
		For 3/4" Thick Paneling, Add	*4.28*	
		For Fire Retardant Treatment (Class I), Add	*2.84*	
06 42 16 00-0010	SF	1/4" Top Grade Plywood, Red Oak Veneer Prefinished With Trim	6.18	2.06
		For Flitch Matched Veneer, Add	*0.80*	
		For Second Grade Veneer, Deduct	*-0.16*	
		For Third Grade Veneer, Deduct	*-0.24*	
		For Waterproof Glue, Add	*0.11*	
		For Ceiling Installation, Add	*1.38*	
		For Installation On Metal Studs Or Furring, Add	*0.50*	
		For Glue Laminated Installation, Add	*0.31*	
		For Lumber Core, Add	*0.17*	
		For 1/8" Thick Paneling, Deduct	*-0.59*	
		For 1/2" Thick Paneling, Add	*1.41*	
		For 5/8" Thick Paneling, Add	*1.74*	
		For 3/4" Thick Paneling, Add	*2.17*	
		For Fire Retardant Treatment (Class I), Add	*1.26*	
06 42 16 00-0011	SF	1/4" Top Grade Plywood, Walnut Veneer Prefinished With Trim	7.65	2.06
		For Flitch Matched Veneer, Add	*1.53*	
		For Second Grade Veneer, Deduct	*-0.31*	
		For Third Grade Veneer, Deduct	*-0.46*	
		For Waterproof Glue, Add	*0.21*	
		For Ceiling Installation, Add	*1.38*	
		For Installation On Metal Studs Or Furring, Add	*0.50*	
		For Glue Laminated Installation, Add	*0.38*	
		For Lumber Core, Add	*0.34*	
		For 1/8" Thick Paneling, Deduct	*-0.83*	
		For 1/2" Thick Paneling, Add	*2.20*	
		For 5/8" Thick Paneling, Add	*2.85*	
		For 3/4" Thick Paneling, Add	*3.67*	
		For Fire Retardant Treatment (Class I), Add	*2.42*	
06 42 16 00-0012	SF	1/4" Top Grade Plywood, Maple Veneer Prefinished With Trim	6.21	2.06
		For Flitch Matched Veneer, Add	*0.81*	
		For Second Grade Veneer, Deduct	*-0.16*	
		For Third Grade Veneer, Deduct	*-0.24*	
		For Waterproof Glue, Add	*0.11*	
		For Ceiling Installation, Add	*1.38*	
		For Installation On Metal Studs Or Furring, Add	*0.50*	
		For Glue Laminated Installation, Add	*0.31*	
		For Lumber Core, Add	*0.18*	
		For 1/8" Thick Paneling, Deduct	*-0.59*	
		For 1/2" Thick Paneling, Add	*1.43*	
		For 5/8" Thick Paneling, Add	*1.77*	
		For 3/4" Thick Paneling, Add	*2.20*	
		For Fire Retardant Treatment (Class I), Add	*1.28*	
06 42 16 00-0013		Accessories *(06 42 16)*		
06 42 16 00-0014	EA	Aluminum Panel Retainer "J" With Bolt	40.76	

06 42 19 Plastic-Laminate-Faced Wood Paneling *(06 42)*

06 42 19 00-0001		Plastic Laminate *(06 42 19)* Note: Standard colors and patterns.		
06 42 19 00-0002	SF	1/16" Plastic Laminate Faced Panel Note: Includes cutting to fit.	11.28	3.99

06 43 Wood Stairs and Railings *(06 40)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 43 16		**Wood Railings** *(06 43)*		
06 43 16 00-0001		Handrails *(06 43 16)*		
06 43 16 00-0002		Wood Handrail With Brackets *(06 43 16 00-0001)*		
		Note: Includes pine, fir or red oak interior grade or pressure treated exterior grade handrail with brackets.		
06 43 16 00-0003	LF	1-1/2" x 1-11/16", Wood Handrail With Brackets	19.20	5.70
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*2.62*	
06 43 16 00-0004	LF	1-7/8" x 2-5/8", Wood Handrail With Brackets	20.78	5.70
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*2.62*	
06 43 16 00-0005	LF	1-1/2" Diameter, Wood Handrail With Brackets	26.04	5.70
06 43 16 00-0006	LF	1-3/4" Diameter, Wood Handrail With Brackets	27.35	5.70
06 43 16 00-0007	LF	2" Diameter, Wood Handrail With Brackets	32.08	5.70
06 43 16 00-0008	LF	2-1/2" Diameter, Wood Handrail With Brackets	46.69	5.70
06 44		**Ornamental Woodwork** *(06 40)*		
06 44 39		**Wood Posts and Columns** *(06 44)*		
06 44 39 00-0001		Columns *(06 44 39)*		
06 44 39 00-0002		Pine Colonial Columns, Round Tapered With Cap And Base *(06 44 39 00-0001)*		
		Note: Paint grade/finger jointed pine.		
06 44 39 00-0003	LF	6" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	78.88	7.44
06 44 39 00-0004	LF	8" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	98.63	10.87
06 44 39 00-0005	LF	10" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	121.04	12.59
06 44 39 00-0006	LF	12" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	145.04	13.16
06 44 39 00-0007	LF	14" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	324.85	14.88
06 44 39 00-0008	LF	16" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	377.47	16.03
06 44 39 00-0009	LF	18" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	454.54	17.17
06 44 39 00-0010	LF	20" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	542.84	18.32
06 44 39 00-0011	LF	6" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	90.90	7.44
06 44 39 00-0012	LF	8" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	108.26	10.87
06 44 39 00-0013	LF	10" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	134.35	12.59
06 44 39 00-0014	LF	12" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	159.26	13.16
06 44 39 00-0015	LF	14" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	353.75	14.88
06 44 39 00-0016	LF	16" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	481.15	16.03
06 44 39 00-0017	LF	18" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	518.76	17.17
06 44 39 00-0018	LF	20" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	584.12	18.32
06 44 39 00-0019		Pine Colonial Columns, Round Non-Tapered With Cap And Base *(06 44 39 00-0001)*		
		Note: Paint grade/finger jointed pine.		
06 44 39 00-0020	LF	6" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	95.03	7.44
06 44 39 00-0021	LF	8" Diameter Plain Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base	116.98	10.87
06 44 39 00-0022	LF	10" Diameter Plain Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base	144.90	12.59
06 44 39 00-0023	LF	12" Diameter Plain Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base	174.86	13.16
06 44 39 00-0024	LF	14" Diameter Plain Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base	399.67	14.88
06 44 39 00-0025	LF	16" Diameter Plain Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base	465.09	16.03
06 44 39 00-0026	LF	18" Diameter Plain Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base	561.10	17.17
06 44 39 00-0027	LF	20" Diameter Plain Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base	671.19	18.32
06 44 39 00-0028	LF	6" Diameter Fluted Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base	110.08	7.44
06 44 39 00-0029	LF	8" Diameter Fluted Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base	130.14	10.87
06 44 39 00-0030	LF	10" Diameter Fluted Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base	162.15	12.59
06 44 39 00-0031	LF	12" Diameter Fluted Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base	193.11	13.16
06 44 39 00-0032	LF	14" Diameter Fluted Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base	435.87	14.88
06 44 39 00-0033	LF	16" Diameter Fluted Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base	595.05	16.03
06 44 39 00-0034	LF	18" Diameter Fluted Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base	641.61	17.17
06 44 39 00-0035	LF	20" Diameter Fluted Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base	722.98	18.32
06 44 39 00-0036		Pine Classical Columns, Round Tapered With Cap And Base *(06 44 39 00-0001)*		
		Note: Paint grade/finger jointed pine.		
06 44 39 00-0037	LF	6" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base	84.59	7.44
06 44 39 00-0038	LF	8" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base	105.50	10.87
06 44 39 00-0039	LF	10" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base	129.68	12.59
06 44 39 00-0040	LF	12" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base	155.74	13.16
06 44 39 00-0041	LF	6" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base	97.69	7.44
06 44 39 00-0042	LF	8" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base	116.00	10.87
06 44 39 00-0043	LF	10" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base	144.18	12.59
06 44 39 00-0044	LF	12" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base	171.23	13.16
06 44 39 00-0045		Redwood Colonial Columns, Round Tapered With Cap And Base *(06 44 39 00-0001)*		
		Note: Paint grade/finger jointed redwood.		
06 44 39 00-0046	LF	6" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base	132.64	7.44
06 44 39 00-0047	LF	8" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base	159.18	10.87
06 44 39 00-0048	LF	10" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base	198.57	12.59
06 44 39 00-0049	LF	12" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base	243.21	13.16
06 44 39 00-0050	LF	6" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base	152.83	7.44
06 44 39 00-0051	LF	8" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base	180.74	10.87

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 44 39 00-0052	LF	10" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base	223.80	12.59
06 44 39 00-0053	LF	12" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base	276.24	13.16
06 44 39 00-0054		Ornamental Or Decorative Cap And Bases, Resin *(06 44 39 00-0001)*		
		Note: For tapered wood columns.		
06 44 39 00-0055	EA	6" Resin Corinthian Capital And Base	416.23	15.45
06 44 39 00-0056	EA	8" Resin Corinthian Capital And Base	630.69	17.17
06 44 39 00-0057	EA	10" Resin Corinthian Capital And Base	879.53	20.03
06 44 39 00-0058	EA	12" Resin Corinthian Capital And Base	1,123.79	22.90
06 44 39 00-0059	EA	6" Resin Greek Erectheum Cap And Base	370.36	15.45
06 44 39 00-0060	EA	8" Resin Greek Erectheum Cap And Base	516.01	17.17
06 44 39 00-0061	EA	10" Resin Greek Erectheum Cap And Base	641.00	20.03
06 44 39 00-0062	EA	12" Resin Greek Erectheum Cap And Base	839.39	22.90
06 44 39 00-0063	EA	6" Resin Roman Ionic Capital And Base	389.86	16.03
06 44 39 00-0064	EA	8" Resin Roman Ionic Capital And Base	516.01	17.17
06 44 39 00-0065	EA	10" Resin Roman Ionic Capital And Base	641.00	20.03
06 44 39 00-0066	EA	12" Resin Roman Ionic Capital And Base	816.45	22.90
06 44 39 00-0067	EA	6" Resin Scamozzi Capital And Base	394.45	16.03
06 44 39 00-0068	EA	8" Resin Scamozzi Capital And Base	561.88	17.17
06 44 39 00-0069	EA	10" Resin Scamozzi Capital And Base	663.93	20.03
06 44 39 00-0070	EA	12" Resin Scamozzi Capital And Base	912.78	22.90
06 44 39 00-0071	EA	6" Resin Temple Of Winds Cap And Base	394.45	16.03
06 44 39 00-0072	EA	8" Resin Temple Of Winds Cap And Base	612.34	17.17
06 44 39 00-0073	EA	10" Resin Temple Of Winds Cap And Base	810.72	20.03
06 44 39 00-0074	EA	12" Resin Temple Of Winds Cap And Base	1,004.53	22.90
06 44 39 00-0075		Ornamental Or Decorative Cap And Bases, Plaster *(06 44 39 00-0001)*		
		Note: For tapered wood columns.		
06 44 39 00-0076	EA	6" Plaster Corinthian Capital And Base	842.85	15.45
06 44 39 00-0077	EA	8" Plaster Corinthian Capital And Base	947.21	17.17
06 44 39 00-0078	EA	10" Plaster Corinthian Capital And Base	1,205.23	20.03
06 44 39 00-0079	EA	12" Plaster Corinthian Capital And Base	1,325.63	22.90
06 44 39 00-0080	EA	6" Plaster Greek Erectheum Cap And Base	558.44	15.45
06 44 39 00-0081	EA	8" Plaster Greek Erectheum Cap And Base	649.04	17.17
06 44 39 00-0082	EA	10" Plaster Greek Erectheum Cap And Base	801.55	20.03
06 44 39 00-0083	EA	12" Plaster Greek Erectheum Cap And Base	1,009.12	22.90
06 44 39 00-0084	EA	6" Plaster Roman Ionic Capital And Base	536.65	16.03
06 44 39 00-0085	EA	8" Plaster Roman Ionic Capital And Base	704.08	17.17
06 44 39 00-0086	EA	10" Plaster Roman Ionic Capital And Base	852.01	20.03
06 44 39 00-0087	EA	12" Plaster Roman Ionic Capital And Base	1,009.12	22.90
06 44 39 00-0088	EA	6" Plaster Scamozzi Capital And Base	637.57	16.03
06 44 39 00-0089	EA	8" Plaster Scamozzi Capital And Base	846.29	17.17
06 44 39 00-0090	EA	10" Plaster Scamozzi Capital And Base	952.93	20.03
06 44 39 00-0091	EA	12" Plaster Scamozzi Capital And Base	1,210.95	22.90
06 44 39 00-0092	EA	6" Plaster Temple Of Winds Cap And Base	536.65	16.03
06 44 39 00-0093	EA	8" Plaster Temple Of Winds Cap And Base	694.91	17.17
06 44 39 00-0094	EA	10" Plaster Temple Of Winds Cap And Base	907.06	20.03
06 44 39 00-0095	EA	12" Plaster Temple Of Winds Cap And Base	1,160.50	22.90
06 44 39 00-0096	EA	6" Plaster Empire Capital And Base	605.46	16.03
06 44 39 00-0097	EA	8" Plaster Empire Capital And Base	740.78	17.17
06 44 39 00-0098	EA	10" Plaster Empire Capital And Base	902.47	20.03
06 44 39 00-0099	EA	12" Plaster Empire Capital And Base	1,009.12	22.90

06 46 Wood Trim *(06 40)*

06 46 13 Wood Door and Window Casings *(06 46)*

06 46 13 00-0001 Door and Window Casings *(06 46 13)*

06 46 13 00-0002	LF	1-1/8" Wide Plain Pine Door And Window Molding	5.46	1.82
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.94*	
06 46 13 00-0003	LF	1-1/8" Wide Detailed Pine Door And Window Molding	5.51	1.82
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.94*	
06 46 13 00-0004	LF	2-1/2" Wide Pine Complete Door And Window Trim	7.00	1.82
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.94*	

06 46 19 Wood Base and Shoe Moldings *(06 46)*

06 46 19 00-0001 Base And Shoe Molding *(06 46 19)*

06 46 19 00-0002	LF	1/2" x 1/2" Pine Quarter Round Trim	5.59	2.16
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.09*	
06 46 19 00-0003	LF	3/4" x 3/4" Pine Quarter Round Trim	6.02	2.16
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.09*	
06 46 19 00-0004	LF	3-1/2" High White Pine Base Molding, All Dimensions Are Nominal	7.28	1.37
		For Clear Birch, Add	*0.87*	
		For Clear Mahogany, Oak, Maple Or Walnut, Add	*1.68*	
		For Stain Grade Material (No Finger Joints), Add	*0.49*	
		For Clear Poplar, Add	*0.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 19 00-0005	LF	4-1/2" High White Pine Base Molding, All Dimensions Are Nominal	8.85	1.71
		For Clear Birch, Add	*1.01*	
		For Clear Mahogany, Oak, Maple Or Walnut, Add	*1.99*	
		For Stain Grade Material (No Finger Joints), Add	*0.57*	
		For Clear Poplar, Add	*0.63*	
06 46 19 00-0006	LF	5-1/2" High White Pine Base Molding, All Dimensions Are Nominal	11.13	1.93
		For Clear Birch, Add	*1.56*	
		For Clear Mahogany, Oak, Maple Or Walnut, Add	*2.82*	
		For Stain Grade Material (No Finger Joints), Add	*0.88*	
		For Clear Poplar, Add	*0.97*	
06 46 19 00-0007	LF	3/4" x 1" Oak Base Shoe	7.12	2.16
06 46 19 00-0008	LF	3/4" x 1" White Pine Base Shoe, Stain Grade	6.87	2.16
06 46 19 00-0009	LF	3/4" x 1" White Pine Base Shoe, Paint Grade	6.33	2.16

06 46 23 Wood Chair Rails *(06 46)*

06 46 23 00-0001 Chair Rails *(06 46 23)*

06 46 23 00-0002	LF	5/8" x 2-1/2" White Pine Shaped Chair Rail	9.03	2.05
		For Birch, Add	*1.43*	
		For Mahogany, Oak, Maple Or Walnut, Add	*2.47*	
		For Poplar, Add	*0.90*	
06 46 23 00-0003	LF	5/8" x 3-1/2" White Pine Shaped Chair Rail	11.30	2.05
		For Birch, Add	*2.16*	
		For Mahogany, Oak, Maple Or Walnut, Add	*3.49*	
		For Poplar, Add	*1.35*	
06 46 23 00-0004	LF	1/2" x 1-5/8" White Pine Shaped Chair Rail	6.69	2.05
		For Birch, Add	*1.05*	
		For Mahogany, Oak, Maple Or Walnut, Add	*1.82*	
		For Poplar, Add	*0.66*	

06 46 26 Wood Cornices *(06 46)*

06 46 26 00-0001 Wood Cornices *(06 46 26)*

06 46 26 00-0002	LF	1" x 2" White Pine Cornices, All Dimensions Are Nominal	6.59	2.05
		For Birch, Add	*0.73*	
		For Mahogany, Oak, Maple, Or Walnut, Add	*1.37*	
		For Poplar, Add	*0.92*	
06 46 26 00-0003	LF	1" x 4" White Pine Cornices, All Dimensions Are Nominal	8.42	2.16
		For Birch, Add	*1.32*	
		For Mahogany, Oak, Maple, Or Walnut, Add	*2.13*	
		For Poplar, Add	*1.66*	
06 46 26 00-0004	LF	1" x 6" White Pine Cornices, All Dimensions Are Nominal	11.98	2.27
		For Birch, Add	*2.53*	
		For Mahogany, Oak, Maple, Or Walnut, Add	*3.66*	
		For Poplar, Add	*3.16*	
06 46 26 00-0005	LF	1" x 8" White Pine Cornices, All Dimensions Are Nominal	13.90	2.27
		For Birch, Add	*3.14*	
		For Mahogany, Oak, Maple, Or Walnut, Add	*4.45*	
		For Poplar, Add	*3.93*	
06 46 26 00-0006	LF	1" x 10" White Pine Cornices, All Dimensions Are Nominal	16.13	2.40
		For Birch, Add	*3.86*	
		For Mahogany, Oak, Maple, Or Walnut, Add	*5.36*	
		For Poplar, Add	*4.82*	
06 46 26 00-0007	LF	1" x 12" White Pine Cornices, All Dimensions Are Nominal	20.95	2.62
		For Birch, Add	*5.49*	
		For Mahogany, Oak, Maple, Or Walnut, Add	*7.43*	
		For Poplar, Add	*6.86*	

06 46 29 Wood Fasciae and Soffits *(06 46)*

06 46 29 00-0001 Fascia Board *(06 46 29)*

06 46 29 00-0002 Pine Fascia Board *(06 46 29 00-0001)*

06 46 29 00-0003	LF	1" x 6" Pine Fascia Board	5.36	2.27
06 46 29 00-0004	LF	1" x 8" Pine Fascia Board	6.14	2.53
06 46 29 00-0005	LF	1" x 10" Pine Fascia Board	6.64	2.66
06 46 29 00-0006	LF	1" x 12" Pine Fascia Board	7.81	2.97
06 46 29 00-0007	LF	2" x 6" Pine Fascia Board	5.30	2.27
06 46 29 00-0008	LF	2" x 8" Pine Fascia Board	6.05	2.53
06 46 29 00-0009	LF	2" x 10" Pine Fascia Board	6.76	2.66
06 46 29 00-0010	LF	2" x 12" Pine Fascia Board	8.18	2.97
06 46 29 00-0011	LF	2" x 6" Trim, Exterior, Pine, Resawn Fascia	7.18	2.27
06 46 29 00-0012	LF	2" x 8" Trim, Exterior, Pine, Resawn Fascia	8.53	2.53
06 46 29 00-0013	LF	2" x 10" Trim, Exterior, Pine, Resawn Fascia	9.72	2.66
06 46 29 00-0014	LF	2" x 12" Trim, Exterior, Pine, Resawn Fascia	12.60	2.97

06 46 29 00-0015 Cedar Fascia Board *(06 46 29 00-0001)*

06 46 29 00-0016	LF	1" x 6" Cedar Fascia Board	5.74	2.27
06 46 29 00-0017	LF	1" x 8" Cedar Fascia Board	6.74	2.53
06 46 29 00-0018	LF	1" x 10" Cedar Fascia Board	7.80	2.66

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 29 00-0019	LF	1" x 12" Cedar Fascia Board	9.44	2.97
06 46 29 00-0020		**Engineered Wood Fascia Board** *(06 46 29 00-0001)*		
06 46 29 00-0021	LF	1" x 6" Engineered Wood Fascia Board	5.14	2.27
06 46 29 00-0022	LF	1" x 8" Engineered Wood Fascia Board	5.84	2.53
06 46 29 00-0023	LF	1" x 12" Engineered Wood Fascia Board	7.11	2.97
06 46 29 00-0024		**Soffit** *(06 46 29)*		
06 46 29 00-0025		**Sanded Plywood Soffit** *(06 46 29 00-0024)*		
06 46 29 00-0026	SF	3/8" Thick, Sanded Plywood Soffit	4.50	1.72
06 46 29 00-0027	SF	1/2" Thick, Sanded Plywood Soffit	4.93	1.81
06 46 29 00-0028	SF	5/8" Thick, Sanded Plywood Soffit	5.17	1.89
06 46 29 00-0029	SF	3/4" Thick, Sanded Plywood Soffit	5.70	1.99
06 46 29 00-0030		**MDO Plywood Soffit** *(06 46 29 00-0024)*		
06 46 29 00-0031	SF	3/8" Thick, MDO Plywood Soffit	4.99	1.72
06 46 29 00-0032	SF	1/2" Thick, MDO Plywood Soffit	5.55	1.81
06 46 29 00-0033	SF	3/4" Thick, MDO Plywood Soffit	6.90	1.99
06 46 29 00-0034		**Exterior Ceiling Gypsum Board Soffit** *(06 46 29 00-0024)*		
06 46 29 00-0035	SF	1/2" Thick, Exterior Ceiling Gypsum Board Soffit	3.75	1.50
06 46 29 00-0036	SF	5/8" Thick, Fire Rated, Exterior Ceiling Gypsum Board Soffit	4.06	1.58
06 46 36		**Custom Wood Molding** *(06 46)*		
		Note: Includes set-up, knife charge, gluing (Where necessary for widths over 7-1/2"). All dimensions are nominal.		
06 46 36 00-0001		**Ash** *(06 46 36)*		
06 46 36 00-0002	LF	3/4" x 1-1/2" Custom Shaped Ash	8.60	1.25
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.92*	
06 46 36 00-0003	LF	3/4" x 2-1/2" Custom Shaped Ash	11.02	1.25
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	
06 46 36 00-0004	LF	3/4" x 3-1/2" Custom Shaped Ash	13.44	1.25
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.98*	
06 46 36 00-0005	LF	3/4" x 4-1/2" Custom Shaped Ash	15.87	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0006	LF	3/4" x 5-1/2" Custom Shaped Ash	18.41	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.07*	
06 46 36 00-0007	LF	3/4" x 6-1/2" Custom Shaped Ash	20.96	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.13*	
06 46 36 00-0008	LF	3/4" x 7-1/2" Custom Shaped Ash	23.37	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.15*	
06 46 36 00-0009	LF	3/4" x 8-1/2" Custom Shaped Ash	25.81	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.19*	
06 46 36 00-0010	LF	3/4" x 9-1/2" Custom Shaped Ash	28.18	1.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.21*	
06 46 36 00-0011	LF	3/4" x 10-1/2" Custom Shaped Ash	30.75	1.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.27*	
06 46 36 00-0012	LF	3/4" x 11-1/2" Custom Shaped Ash	33.22	1.71
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.31*	
06 46 36 00-0013	LF	1" x 1-1/2" Custom Shaped Ash	10.29	1.25
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	
06 46 36 00-0014	LF	1" x 2-1/2" Custom Shaped Ash	13.48	1.25
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.98*	
06 46 36 00-0015	LF	1" x 3-1/2" Custom Shaped Ash	16.67	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0016	LF	1" x 4-1/2" Custom Shaped Ash	19.86	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0017	LF	1" x 5-1/2" Custom Shaped Ash	23.22	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.09*	
06 46 36 00-0018	LF	1" x 6-1/2" Custom Shaped Ash	26.54	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.15*	
06 46 36 00-0019	LF	1" x 7-1/2" Custom Shaped Ash	29.70	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.18*	
06 46 36 00-0020	LF	1" x 8-1/2" Custom Shaped Ash	32.91	1.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.21*	
06 46 36 00-0021	LF	1" x 9-1/2" Custom Shaped Ash	36.10	1.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.23*	
06 46 36 00-0022	LF	1" x 10-1/2" Custom Shaped Ash	39.44	1.71
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.30*	
06 46 36 00-0023	LF	1" x 11-1/2" Custom Shaped Ash	42.67	1.71
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.34*	
06 46 36 00-0024	LF	1-1/4" x 1-1/2" Custom Shaped Ash	12.43	1.25
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.98*	
06 46 36 00-0025	LF	1-1/4" x 2-1/2" Custom Shaped Ash	16.66	1.25
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0026	LF	1-1/4" x 3-1/2" Custom Shaped Ash	20.87	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0027	LF	1-1/4" x 4-1/2" Custom Shaped Ash	25.10	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
06 46 36 00-0028	LF	1-1/4" x 5-1/2" Custom Shaped Ash	29.45	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.12*	
06 46 36 00-0029	LF	1-1/4" x 6-1/2" Custom Shaped Ash	33.80	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.18*	
06 46 36 00-0030	LF	1-1/4" x 7-1/2" Custom Shaped Ash	38.01	1.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.21*	
06 46 36 00-0031	LF	1-1/4" x 8-1/2" Custom Shaped Ash	42.26	1.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.24*	
06 46 36 00-0032	LF	1-1/4" x 9-1/2" Custom Shaped Ash	46.42	1.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.26*	
06 46 36 00-0033	LF	1-1/4" x 10-1/2" Custom Shaped Ash	50.80	1.71
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.32*	
06 46 36 00-0034	LF	1-1/4" x 11-1/2" Custom Shaped Ash	55.08	1.82
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.36*	
06 46 36 00-0035	LF	1-1/2" x 1-1/2" Custom Shaped Ash	15.49	1.25
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.00*	
06 46 36 00-0036	LF	1-1/2" x 2-1/2" Custom Shaped Ash	21.19	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.03*	
06 46 36 00-0037	LF	1-1/2" x 3-1/2" Custom Shaped Ash	26.88	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
06 46 36 00-0038	LF	1-1/2" x 4-1/2" Custom Shaped Ash	32.58	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.09*	
06 46 36 00-0039	LF	1-1/2" x 5-1/2" Custom Shaped Ash	38.30	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.12*	
06 46 36 00-0040	LF	1-1/2" x 6-1/2" Custom Shaped Ash	44.23	1.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.21*	
06 46 36 00-0041	LF	1-1/2" x 7-1/2" Custom Shaped Ash	50.03	1.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.23*	
06 46 36 00-0042	LF	1-1/2" x 8-1/2" Custom Shaped Ash	55.65	1.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.27*	
06 46 36 00-0043	LF	1-1/2" x 9-1/2" Custom Shaped Ash	61.29	1.71
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.29*	
06 46 36 00-0044	LF	1-1/2" x 10-1/2" Custom Shaped Ash	67.68	1.71
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.35*	
06 46 36 00-0045	LF	1-1/2" x 11-1/2" Custom Shaped Ash	72.88	1.82
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.39*	
06 46 36 00-0046		**Basswood** *(06 46 36)*		
06 46 36 00-0047	LF	3/4" x 1-1/2" Custom Shaped Basswood	7.07	1.25
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.92*	
06 46 36 00-0048	LF	3/4" x 2-1/2" Custom Shaped Basswood	8.73	1.25
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	
06 46 36 00-0049	LF	3/4" x 3-1/2" Custom Shaped Basswood	10.39	1.25
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.98*	
06 46 36 00-0050	LF	3/4" x 4-1/2" Custom Shaped Basswood	12.05	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0051	LF	3/4" x 5-1/2" Custom Shaped Basswood	13.82	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.07*	
06 46 36 00-0052	LF	3/4" x 6-1/2" Custom Shaped Basswood	15.60	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.13*	
06 46 36 00-0053	LF	3/4" x 7-1/2" Custom Shaped Basswood	17.25	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.15*	
06 46 36 00-0054	LF	3/4" x 8-1/2" Custom Shaped Basswood	18.93	1.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.19*	
06 46 36 00-0055	LF	3/4" x 9-1/2" Custom Shaped Basswood	20.53	1.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.21*	
06 46 36 00-0056	LF	3/4" x 10-1/2" Custom Shaped Basswood	22.34	1.71
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.27*	
06 46 36 00-0057	LF	3/4" x 11-1/2" Custom Shaped Basswood	24.05	1.71
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.31*	
06 46 36 00-0058	LF	1" x 1-1/2" Custom Shaped Basswood	8.11	1.25
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	
06 46 36 00-0059	LF	1" x 2-1/2" Custom Shaped Basswood	10.20	1.25
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.98*	
06 46 36 00-0060	LF	1" x 3-1/2" Custom Shaped Basswood	12.30	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0061	LF	1" x 4-1/2" Custom Shaped Basswood	14.39	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0062	LF	1" x 5-1/2" Custom Shaped Basswood	16.67	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.09*	
06 46 36 00-0063	LF	1" x 6-1/2" Custom Shaped Basswood	18.89	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.15*	
06 46 36 00-0064	LF	1" x 7-1/2" Custom Shaped Basswood	20.97	1.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.18*	
06 46 36 00-0065	LF	1" x 8-1/2" Custom Shaped Basswood	23.08	1.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.21*	
06 46 36 00-0066	LF	1" x 9-1/2" Custom Shaped Basswood	25.17	1.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.23*	
06 46 36 00-0067	LF	1" x 10-1/2" Custom Shaped Basswood	27.43	1.71
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0068	LF	1" x 11-1/2" Custom Shaped Basswood	29.57	1.71
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.34*	
06 46 36 00-0069	LF	1-1/2" x 1-1/2" Custom Shaped Basswood	11.23	1.25
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.98*	
06 46 36 00-0070	LF	1-1/2" x 2-1/2" Custom Shaped Basswood	14.86	1.25
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0071	LF	1-1/2" x 3-1/2" Custom Shaped Basswood	18.47	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.03*	
06 46 36 00-0072	LF	1-1/2" x 4-1/2" Custom Shaped Basswood	22.10	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
06 46 36 00-0073	LF	1-1/2" x 5-1/2" Custom Shaped Basswood	25.85	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.12*	
06 46 36 00-0074	LF	1-1/2" x 6-1/2" Custom Shaped Basswood	29.60	1.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.18*	
06 46 36 00-0075	LF	1-1/2" x 7-1/2" Custom Shaped Basswood	33.20	1.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.21*	
06 46 36 00-0076	LF	1-1/2" x 8-1/2" Custom Shaped Basswood	36.86	1.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.24*	
06 46 36 00-0077	LF	1-1/2" x 9-1/2" Custom Shaped Basswood	40.41	1.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.26*	
06 46 36 00-0078	LF	1-1/2" x 10-1/2" Custom Shaped Basswood	44.20	1.71
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.32*	
06 46 36 00-0079	LF	1-1/2" x 11-1/2" Custom Shaped Basswood	47.87	1.82
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.36*	
06 46 36 00-0080	LF	3-1/2" x 3-1/2" Custom Shaped Basswood	45.09	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.13*	
06 46 36 00-0081	LF	3-1/2" x 4-1/2" Custom Shaped Basswood	55.36	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.18*	
06 46 36 00-0082	LF	3-1/2" x 5-1/2" Custom Shaped Basswood	65.53	1.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.21*	
06 46 36 00-0083	LF	3-1/2" x 6-1/2" Custom Shaped Basswood	75.92	1.71
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.28*	
06 46 36 00-0084	LF	3-1/2" x 7-1/2" Custom Shaped Basswood	86.09	1.71
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.31*	
06 46 36 00-0085	LF	3-1/2" x 8-1/2" Custom Shaped Basswood	96.46	1.82
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.36*	
06 46 36 00-0086	LF	3-1/2" x 9-1/2" Custom Shaped Basswood	106.51	1.82
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.39*	
06 46 36 00-0087	LF	3-1/2" x 10-1/2" Custom Shaped Basswood	116.68	1.82
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.41*	
06 46 36 00-0088	LF	3-1/2" x 11-1/2" Custom Shaped Basswood	127.07	1.93
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.49*	

06 46 36 00-0089 Birch *(06 46 36)*

06 46 36 00-0090	LF	3/4" x 1-1/2" Custom Shaped Birch	7.61	1.25
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.92*	
06 46 36 00-0091	LF	3/4" x 2-1/2" Custom Shaped Birch	9.55	1.25
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	
06 46 36 00-0092	LF	3/4" x 3-1/2" Custom Shaped Birch	11.48	1.25
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.98*	
06 46 36 00-0093	LF	3/4" x 4-1/2" Custom Shaped Birch	13.41	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0094	LF	3/4" x 5-1/2" Custom Shaped Birch	15.46	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.07*	
06 46 36 00-0095	LF	3/4" x 6-1/2" Custom Shaped Birch	17.52	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.13*	
06 46 36 00-0096	LF	3/4" x 7-1/2" Custom Shaped Birch	19.44	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.15*	
06 46 36 00-0097	LF	3/4" x 8-1/2" Custom Shaped Birch	21.39	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.19*	
06 46 36 00-0098	LF	3/4" x 9-1/2" Custom Shaped Birch	23.26	1.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.21*	
06 46 36 00-0099	LF	3/4" x 10-1/2" Custom Shaped Birch	25.34	1.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.27*	
06 46 36 00-0100	LF	3/4" x 11-1/2" Custom Shaped Birch	27.33	1.71
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.31*	
06 46 36 00-0101	LF	1" x 1-1/2" Custom Shaped Birch	8.93	1.25
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	
06 46 36 00-0102	LF	1" x 2-1/2" Custom Shaped Birch	11.40	1.25
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.98*	
06 46 36 00-0103	LF	1" x 3-1/2" Custom Shaped Birch	13.94	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0104	LF	1" x 4-1/2" Custom Shaped Birch	16.47	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0105	LF	1" x 5-1/2" Custom Shaped Birch	19.12	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.09*	
06 46 36 00-0106	LF	1" x 6-1/2" Custom Shaped Birch	21.73	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.15*	
06 46 36 00-0107	LF	1" x 7-1/2" Custom Shaped Birch	24.24	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.18*	
06 46 36 00-0108	LF	1" x 8-1/2" Custom Shaped Birch	26.80	1.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0109	LF	1" x 9-1/2" Custom Shaped Birch	29.27	1.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.23*	
06 46 36 00-0110	LF	1" x 10-1/2" Custom Shaped Birch	31.91	1.71
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.30*	
06 46 36 00-0111	LF	1" x 11-1/2" Custom Shaped Birch	34.48	1.71
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.34*	
06 46 36 00-0112	LF	1-1/4" x 1-1/2" Custom Shaped Birch	10.47	1.25
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.98*	
06 46 36 00-0113	LF	1-1/4" x 2-1/2" Custom Shaped Birch	13.71	1.25
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0114	LF	1-1/4" x 3-1/2" Custom Shaped Birch	16.94	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.03*	
06 46 36 00-0115	LF	1-1/4" x 4-1/2" Custom Shaped Birch	20.18	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
06 46 36 00-0116	LF	1-1/4" x 5-1/2" Custom Shaped Birch	23.56	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.12*	
06 46 36 00-0117	LF	1-1/4" x 6-1/2" Custom Shaped Birch	26.92	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.18*	
06 46 36 00-0118	LF	1-1/4" x 7-1/2" Custom Shaped Birch	30.14	1.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.21*	
06 46 36 00-0119	LF	1-1/4" x 8-1/2" Custom Shaped Birch	33.42	1.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.24*	
06 46 36 00-0120	LF	1-1/4" x 9-1/2" Custom Shaped Birch	36.59	1.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.26*	
06 46 36 00-0121	LF	1-1/4" x 10-1/2" Custom Shaped Birch	39.99	1.71
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.32*	
06 46 36 00-0122	LF	1-1/4" x 11-1/2" Custom Shaped Birch	43.28	1.82
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.36*	
06 46 36 00-0123	LF	1-1/2" x 1-1/2" Custom Shaped Birch	12.87	1.25
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.00*	
06 46 36 00-0124	LF	1-1/2" x 2-1/2" Custom Shaped Birch	17.26	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.03*	
06 46 36 00-0125	LF	1-1/2" x 3-1/2" Custom Shaped Birch	21.64	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
06 46 36 00-0126	LF	1-1/2" x 4-1/2" Custom Shaped Birch	26.03	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.09*	
06 46 36 00-0127	LF	1-1/2" x 5-1/2" Custom Shaped Birch	30.44	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.12*	
06 46 36 00-0128	LF	1-1/2" x 6-1/2" Custom Shaped Birch	35.06	1.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.21*	
06 46 36 00-0129	LF	1-1/2" x 7-1/2" Custom Shaped Birch	39.44	1.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.23*	
06 46 36 00-0130	LF	1-1/2" x 8-1/2" Custom Shaped Birch	43.86	1.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.27*	
06 46 36 00-0131	LF	1-1/2" x 9-1/2" Custom Shaped Birch	48.19	1.71
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.29*	
06 46 36 00-0132	LF	1-1/2" x 10-1/2" Custom Shaped Birch	53.26	1.71
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.35*	
06 46 36 00-0133	LF	1-1/2" x 11-1/2" Custom Shaped Birch	57.16	1.82
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.39*	

06 46 36 00-0134 Clear Western Cedar *(06 46 36)*

06 46 36 00-0135	LF	3/4" x 1-1/2" Custom Shaped Clear West Cedar	7.61	1.25
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.92*	
06 46 36 00-0136	LF	3/4" x 2-1/2" Custom Shaped Clear West Cedar	9.55	1.25
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	
06 46 36 00-0137	LF	3/4" x 3-1/2" Custom Shaped Clear West Cedar	11.48	1.25
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.98*	
06 46 36 00-0138	LF	3/4" x 4-1/2" Custom Shaped Clear West Cedar	13.41	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0139	LF	3/4" x 5-1/2" Custom Shaped Clear West Cedar	15.46	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.07*	
06 46 36 00-0140	LF	3/4" x 6-1/2" Custom Shaped Clear West Cedar	17.52	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.13*	
06 46 36 00-0141	LF	1" x 1-1/2" Custom Shaped Clear West Cedar	9.04	1.25
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	
06 46 36 00-0142	LF	1" x 2-1/2" Custom Shaped Clear West Cedar	11.62	1.25
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.98*	
06 46 36 00-0143	LF	1" x 3-1/2" Custom Shaped Clear West Cedar	14.21	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0144	LF	1" x 4-1/2" Custom Shaped Clear West Cedar	16.80	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0145	LF	1" x 5-1/2" Custom Shaped Clear West Cedar	19.50	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.09*	
06 46 36 00-0146	LF	1" x 6-1/2" Custom Shaped Clear West Cedar	22.22	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.15*	
06 46 36 00-0147	LF	1-1/4" x 1-1/2" Custom Shaped Clear West Cedar	11.89	1.25
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.98*	
06 46 36 00-0148	LF	1-1/4" x 2-1/2" Custom Shaped Clear West Cedar	15.84	1.25
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0149	LF	1-1/4" x 3-1/2" Custom Shaped Clear West Cedar	19.78	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0150	LF	1-1/4" x 4-1/2" Custom Shaped Clear West Cedar	23.73	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
06 46 36 00-0151	LF	1-1/4" x 5-1/2" Custom Shaped Clear West Cedar	27.82	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.12*	
06 46 36 00-0152	LF	1-1/4" x 6-1/2" Custom Shaped Clear West Cedar	31.89	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.18*	
06 46 36 00-0153	LF	1-1/2" x 1-1/2" Custom Shaped Clear West Cedar	12.21	1.25
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.00*	
06 46 36 00-0154	LF	1-1/2" x 2-1/2" Custom Shaped Clear West Cedar	16.28	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.03*	
06 46 36 00-0155	LF	1-1/2" x 3-1/2" Custom Shaped Clear West Cedar	20.33	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
06 46 36 00-0156	LF	1-1/2" x 4-1/2" Custom Shaped Clear West Cedar	24.39	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.09*	
06 46 36 00-0157	LF	1-1/2" x 5-1/2" Custom Shaped Clear West Cedar	28.47	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.12*	
06 46 36 00-0158	LF	1-1/2" x 6-1/2" Custom Shaped Clear West Cedar	32.76	1.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.21*	
06 46 36 00-0159	LF	3-1/2" x 3-1/2" Custom Shaped Clear West Cedar	39.85	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.13*	
06 46 36 00-0160	LF	3-1/2" x 4-1/2" Custom Shaped Clear West Cedar	48.81	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.18*	
06 46 36 00-0161	LF	3-1/2" x 5-1/2" Custom Shaped Clear West Cedar	57.67	1.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.21*	
06 46 36 00-0162	LF	3-1/2" x 6-1/2" Custom Shaped Clear West Cedar	66.74	1.71
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.28*	
06 46 36 00-0163	LF	3-1/2" x 7-1/2" Custom Shaped Clear West Cedar	75.60	1.71
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.31*	
06 46 36 00-0164	LF	3-1/2" x 8-1/2" Custom Shaped Clear West Cedar	84.56	1.82
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.36*	
06 46 36 00-0165	LF	3-1/2" x 9-1/2" Custom Shaped Clear West Cedar	93.41	1.82
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.39*	
06 46 36 00-0166	LF	3-1/2" x 10-1/2" Custom Shaped Clear West Cedar	102.26	1.82
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.41*	
06 46 36 00-0167	LF	3-1/2" x 11-1/2" Custom Shaped Clear West Cedar	111.34	1.93
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.49*	

06 46 36 00-0168 Cherry *(06 46 36)*

06 46 36 00-0169	LF	3/4" x 1-1/2" Custom Shaped Cherry	9.36	1.25
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.92*	
06 46 36 00-0170	LF	3/4" x 2-1/2" Custom Shaped Cherry	12.17	1.25
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	
06 46 36 00-0171	LF	3/4" x 3-1/2" Custom Shaped Cherry	14.97	1.25
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.98*	
06 46 36 00-0172	LF	3/4" x 4-1/2" Custom Shaped Cherry	17.78	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0173	LF	3/4" x 5-1/2" Custom Shaped Cherry	20.71	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.07*	
06 46 36 00-0174	LF	3/4" x 6-1/2" Custom Shaped Cherry	23.63	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.13*	
06 46 36 00-0175	LF	3/4" x 7-1/2" Custom Shaped Cherry	26.43	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.15*	
06 46 36 00-0176	LF	3/4" x 8-1/2" Custom Shaped Cherry	29.25	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.19*	
06 46 36 00-0177	LF	3/4" x 9-1/2" Custom Shaped Cherry	32.00	1.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.21*	
06 46 36 00-0178	LF	3/4" x 10-1/2" Custom Shaped Cherry	34.96	1.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.27*	
06 46 36 00-0179	LF	3/4" x 11-1/2" Custom Shaped Cherry	37.81	1.71
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.31*	
06 46 36 00-0180	LF	1" x 1-1/2" Custom Shaped Cherry	11.22	1.25
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	
06 46 36 00-0181	LF	1" x 2-1/2" Custom Shaped Cherry	14.90	1.25
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.98*	
06 46 36 00-0182	LF	1" x 3-1/2" Custom Shaped Cherry	18.58	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0183	LF	1" x 4-1/2" Custom Shaped Cherry	22.26	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0184	LF	1" x 5-1/2" Custom Shaped Cherry	26.06	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.09*	
06 46 36 00-0185	LF	1" x 6-1/2" Custom Shaped Cherry	29.87	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.15*	
06 46 36 00-0186	LF	1" x 7-1/2" Custom Shaped Cherry	33.53	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.18*	
06 46 36 00-0187	LF	1" x 8-1/2" Custom Shaped Cherry	37.28	1.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.21*	
06 46 36 00-0188	LF	1" x 9-1/2" Custom Shaped Cherry	40.85	1.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.23*	
06 46 36 00-0189	LF	1" x 10-1/2" Custom Shaped Cherry	44.69	1.71
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.30*	
06 46 36 00-0190	LF	1" x 11-1/2" Custom Shaped Cherry	48.41	1.71
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.34*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0191	LF	1-1/4" x 1-1/2" Custom Shaped Cherry	13.25	1.25
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.98*	
06 46 36 00-0192	LF	1-1/4" x 2-1/2" Custom Shaped Cherry	17.91	1.25
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0193	LF	1-1/4" x 3-1/2" Custom Shaped Cherry	22.51	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.03*	
06 46 36 00-0194	LF	1-1/4" x 4-1/2" Custom Shaped Cherry	27.17	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
06 46 36 00-0195	LF	1-1/4" x 5-1/2" Custom Shaped Cherry	31.91	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.12*	
06 46 36 00-0196	LF	1-1/4" x 6-1/2" Custom Shaped Cherry	36.69	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.18*	
06 46 36 00-0197	LF	1-1/4" x 7-1/2" Custom Shaped Cherry	41.28	1.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.21*	
06 46 36 00-0198	LF	1-1/4" x 8-1/2" Custom Shaped Cherry	45.98	1.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.24*	
06 46 36 00-0199	LF	1-1/4" x 9-1/2" Custom Shaped Cherry	50.51	1.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.26*	
06 46 36 00-0200	LF	1-1/4" x 10-1/2" Custom Shaped Cherry	55.34	1.71
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.32*	
06 46 36 00-0201	LF	1-1/4" x 11-1/2" Custom Shaped Cherry	59.99	1.82
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.36*	
06 46 36 00-0202	LF	1-1/2" x 1-1/2" Custom Shaped Cherry	17.02	1.25
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.00*	
06 46 36 00-0203	LF	1-1/2" x 2-1/2" Custom Shaped Cherry	23.48	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.03*	
06 46 36 00-0204	LF	1-1/2" x 3-1/2" Custom Shaped Cherry	29.94	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
06 46 36 00-0205	LF	1-1/2" x 4-1/2" Custom Shaped Cherry	36.40	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.09*	
06 46 36 00-0206	LF	1-1/2" x 5-1/2" Custom Shaped Cherry	42.89	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.12*	
06 46 36 00-0207	LF	1-1/2" x 6-1/2" Custom Shaped Cherry	49.58	1.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.21*	
06 46 36 00-0208	LF	1-1/2" x 7-1/2" Custom Shaped Cherry	56.04	1.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.23*	
06 46 36 00-0209	LF	1-1/2" x 8-1/2" Custom Shaped Cherry	62.53	1.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.27*	
06 46 36 00-0210	LF	1-1/2" x 9-1/2" Custom Shaped Cherry	68.94	1.71
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.29*	
06 46 36 00-0211	LF	1-1/2" x 10-1/2" Custom Shaped Cherry	75.65	1.71
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.35*	
06 46 36 00-0212	LF	1-1/2" x 11-1/2" Custom Shaped Cherry	82.06	1.82
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.39*	
06 46 36 00-0213		Cypress *(06 46 36)*		
06 46 36 00-0214	LF	3/4" x 1-1/2" Custom Shaped Cypress	7.07	1.25
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.92*	
06 46 36 00-0215	LF	3/4" x 2-1/2" Custom Shaped Cypress	8.73	1.25
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	
06 46 36 00-0216	LF	3/4" x 3-1/2" Custom Shaped Cypress	10.39	1.25
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.98*	
06 46 36 00-0217	LF	3/4" x 4-1/2" Custom Shaped Cypress	12.05	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0218	LF	3/4" x 5-1/2" Custom Shaped Cypress	13.82	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.07*	
06 46 36 00-0219	LF	3/4" x 6-1/2" Custom Shaped Cypress	15.60	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.13*	
06 46 36 00-0220	LF	3/4" x 7-1/2" Custom Shaped Cypress	17.69	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.15*	
06 46 36 00-0221	LF	3/4" x 8-1/2" Custom Shaped Cypress	19.42	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.19*	
06 46 36 00-0222	LF	3/4" x 9-1/2" Custom Shaped Cypress	22.72	1.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.21*	
06 46 36 00-0223	LF	3/4" x 10-1/2" Custom Shaped Cypress	24.74	1.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.27*	
06 46 36 00-0224	LF	1" x 1-1/2" Custom Shaped Cypress	9.47	1.25
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	
06 46 36 00-0225	LF	1" x 2-1/2" Custom Shaped Cypress	12.22	1.25
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.98*	
06 46 36 00-0226	LF	1" x 3-1/2" Custom Shaped Cypress	15.03	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0227	LF	1" x 4-1/2" Custom Shaped Cypress	17.83	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0228	LF	1" x 5-1/2" Custom Shaped Cypress	20.76	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.09*	
06 46 36 00-0229	LF	1" x 6-1/2" Custom Shaped Cypress	23.64	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.15*	
06 46 36 00-0230	LF	1" x 7-1/2" Custom Shaped Cypress	26.43	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.18*	
06 46 36 00-0231	LF	1" x 8-1/2" Custom Shaped Cypress	29.25	1.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0232	LF	1" x 9-1/2" Custom Shaped Cypress	32.00	1.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.23*	
06 46 36 00-0233	LF	1" x 10-1/2" Custom Shaped Cypress	35.02	1.71
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.30*	
06 46 36 00-0234	LF	1" x 11-1/2" Custom Shaped Cypress	37.76	1.71
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.34*	
06 46 36 00-0235	LF	1-1/2" x 1-1/2" Custom Shaped Cypress	11.12	1.25
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.00*	
06 46 36 00-0236	LF	1-1/2" x 2-1/2" Custom Shaped Cypress	14.64	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.03*	
06 46 36 00-0237	LF	1-1/2" x 3-1/2" Custom Shaped Cypress	18.14	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
06 46 36 00-0238	LF	1-1/2" x 4-1/2" Custom Shaped Cypress	21.66	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.09*	
06 46 36 00-0239	LF	1-1/2" x 5-1/2" Custom Shaped Cypress	25.20	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.12*	
06 46 36 00-0240	LF	1-1/2" x 6-1/2" Custom Shaped Cypress	28.94	1.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.21*	
06 46 36 00-0241	LF	1-1/2" x 7-1/2" Custom Shaped Cypress	32.45	1.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.23*	
06 46 36 00-0242	LF	1-1/2" x 8-1/2" Custom Shaped Cypress	35.99	1.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.27*	
06 46 36 00-0243	LF	1-1/2" x 9-1/2" Custom Shaped Cypress	42.73	1.71
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.29*	
06 46 36 00-0244	LF	1-1/2" x 10-1/2" Custom Shaped Cypress	46.60	1.71
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.35*	

06 46 36 00-0245 Fir *(06 46 36)*

06 46 36 00-0246	LF	3/4" x 1-1/2" Custom Shaped Fir	7.94	1.25
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.92*	
06 46 36 00-0247	LF	3/4" x 2-1/2" Custom Shaped Fir	10.04	1.25
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	
06 46 36 00-0248	LF	3/4" x 3-1/2" Custom Shaped Fir	12.13	1.25
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.98*	
06 46 36 00-0249	LF	3/4" x 4-1/2" Custom Shaped Fir	14.23	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0250	LF	3/4" x 5-1/2" Custom Shaped Fir	16.45	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.07*	
06 46 36 00-0251	LF	3/4" x 6-1/2" Custom Shaped Fir	18.66	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.13*	
06 46 36 00-0252	LF	3/4" x 7-1/2" Custom Shaped Fir	20.75	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.15*	
06 46 36 00-0253	LF	3/4" x 8-1/2" Custom Shaped Fir	22.86	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.19*	
06 46 36 00-0254	LF	3/4" x 9-1/2" Custom Shaped Fir	24.90	1.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.21*	
06 46 36 00-0255	LF	3/4" x 10-1/2" Custom Shaped Fir	27.15	1.71
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.27*	
06 46 36 00-0256	LF	1" x 1-1/2" Custom Shaped Fir	9.47	1.25
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	
06 46 36 00-0257	LF	1" x 2-1/2" Custom Shaped Fir	12.22	1.25
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.98*	
06 46 36 00-0258	LF	1" x 3-1/2" Custom Shaped Fir	15.03	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0259	LF	1" x 4-1/2" Custom Shaped Fir	17.83	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0260	LF	1" x 5-1/2" Custom Shaped Fir	20.76	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.09*	
06 46 36 00-0261	LF	1" x 6-1/2" Custom Shaped Fir	23.64	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.15*	
06 46 36 00-0262	LF	1" x 7-1/2" Custom Shaped Fir	26.43	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.18*	
06 46 36 00-0263	LF	1" x 8-1/2" Custom Shaped Fir	29.25	1.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.21*	
06 46 36 00-0264	LF	1" x 9-1/2" Custom Shaped Fir	32.00	1.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.23*	
06 46 36 00-0265	LF	1" x 10-1/2" Custom Shaped Fir	35.02	1.71
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.30*	
06 46 36 00-0266	LF	1" x 11-1/2" Custom Shaped Fir	37.76	1.71
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.34*	
06 46 36 00-0267	LF	1-1/4" x 1-1/2" Custom Shaped Fir	10.63	1.25
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.98*	
06 46 36 00-0268	LF	1-1/4" x 2-1/2" Custom Shaped Fir	13.98	1.25
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0269	LF	1-1/4" x 3-1/2" Custom Shaped Fir	17.27	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.03*	
06 46 36 00-0270	LF	1-1/4" x 4-1/2" Custom Shaped Fir	20.62	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
06 46 36 00-0271	LF	1-1/4" x 5-1/2" Custom Shaped Fir	24.05	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.12*	
06 46 36 00-0272	LF	1-1/4" x 6-1/2" Custom Shaped Fir	27.52	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0273	LF	1-1/4" x 7-1/2" Custom Shaped Fir	30.80	1.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.21*	
06 46 36 00-0274	LF	1-1/4" x 8-1/2" Custom Shaped Fir	34.18	1.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.24*	
06 46 36 00-0275	LF	1-1/4" x 9-1/2" Custom Shaped Fir	37.41	1.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.26*	
06 46 36 00-0276	LF	1-1/4" x 10-1/2" Custom Shaped Fir	40.92	1.71
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.32*	
06 46 36 00-0277	LF	1-1/4" x 11-1/2" Custom Shaped Fir	44.27	1.82
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.36*	
06 46 36 00-0278	LF	1-1/2" x 1-1/2" Custom Shaped Fir	12.21	1.25
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.00*	
06 46 36 00-0279	LF	1-1/2" x 2-1/2" Custom Shaped Fir	16.28	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.03*	
06 46 36 00-0280	LF	1-1/2" x 3-1/2" Custom Shaped Fir	20.33	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
06 46 36 00-0281	LF	1-1/2" x 4-1/2" Custom Shaped Fir	24.39	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.09*	
06 46 36 00-0282	LF	1-1/2" x 5-1/2" Custom Shaped Fir	28.47	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.12*	
06 46 36 00-0283	LF	1-1/2" x 6-1/2" Custom Shaped Fir	32.76	1.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.21*	
06 46 36 00-0284	LF	1-1/2" x 7-1/2" Custom Shaped Fir	36.82	1.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.23*	
06 46 36 00-0285	LF	1-1/2" x 8-1/2" Custom Shaped Fir	40.91	1.71
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.27*	
06 46 36 00-0286	LF	1-1/2" x 9-1/2" Custom Shaped Fir	44.91	1.71
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.29*	
06 46 36 00-0287	LF	1-1/2" x 10-1/2" Custom Shaped Fir	49.11	1.82
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.35*	
06 46 36 00-0288	LF	1-1/2" x 11-1/2" Custom Shaped Fir	53.22	1.82
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.39*	
06 46 36 00-0289	LF	2-1/2" x 1-1/2" Custom Shaped Fir	20.29	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.05*	
06 46 36 00-0290	LF	2-1/2" x 2-1/2" Custom Shaped Fir	28.26	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.07*	
06 46 36 00-0291	LF	2-1/2" x 3-1/2" Custom Shaped Fir	36.25	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.10*	
06 46 36 00-0292	LF	2-1/2" x 4-1/2" Custom Shaped Fir	44.32	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.15*	
06 46 36 00-0293	LF	2-1/2" x 5-1/2" Custom Shaped Fir	52.30	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.18*	
06 46 36 00-0294	LF	2-1/2" x 6-1/2" Custom Shaped Fir	60.51	1.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.26*	
06 46 36 00-0295	LF	2-1/2" x 7-1/2" Custom Shaped Fir	68.49	1.71
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.28*	
06 46 36 00-0296	LF	2-1/2" x 8-1/2" Custom Shaped Fir	76.68	1.71
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.33*	
06 46 36 00-0297	LF	2-1/2" x 9-1/2" Custom Shaped Fir	84.56	1.82
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.36*	
06 46 36 00-0298	LF	2-1/2" x 10-1/2" Custom Shaped Fir	92.53	1.82
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.39*	
06 46 36 00-0299	LF	3-1/2" x 3-1/2" Custom Shaped Fir	45.20	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.13*	
06 46 36 00-0300	LF	3-1/2" x 4-1/2" Custom Shaped Fir	55.36	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.18*	
06 46 36 00-0301	LF	3-1/2" x 5-1/2" Custom Shaped Fir	65.53	1.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.21*	
06 46 36 00-0302	LF	3-1/2" x 6-1/2" Custom Shaped Fir	75.92	1.71
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.28*	
06 46 36 00-0303	LF	3-1/2" x 7-1/2" Custom Shaped Fir	86.09	1.71
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.31*	
06 46 36 00-0304	LF	3-1/2" x 8-1/2" Custom Shaped Fir	96.36	1.82
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.36*	
06 46 36 00-0305	LF	3-1/2" x 9-1/2" Custom Shaped Fir	106.51	1.82
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.39*	
06 46 36 00-0306	LF	3-1/2" x 10-1/2" Custom Shaped Fir	116.68	1.82
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.41*	

06 46 36 00-0307 Honduran Mahogany *(06 46 36)*

06 46 36 00-0308	LF	3/4" x 1-1/2" Custom Shaped Honduras Mahogany	10.02	1.25
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.92*	
06 46 36 00-0309	LF	3/4" x 2-1/2" Custom Shaped Honduras Mahogany	13.15	1.25
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	
06 46 36 00-0310	LF	3/4" x 3-1/2" Custom Shaped Honduras Mahogany	16.28	1.25
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.98*	
06 46 36 00-0311	LF	3/4" x 4-1/2" Custom Shaped Honduras Mahogany	19.42	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0312	LF	3/4" x 5-1/2" Custom Shaped Honduras Mahogany	22.67	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.07*	
06 46 36 00-0313	LF	3/4" x 6-1/2" Custom Shaped Honduras Mahogany	25.93	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0314	LF	3/4" x 7-1/2" Custom Shaped Honduras Mahogany	29.05	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.15*	
06 46 36 00-0315	LF	3/4" x 8-1/2" Custom Shaped Honduras Mahogany	32.20	1.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.19*	
06 46 36 00-0316	LF	3/4" x 9-1/2" Custom Shaped Honduras Mahogany	35.28	1.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.21*	
06 46 36 00-0317	LF	3/4" x 10-1/2" Custom Shaped Honduras Mahogany	38.56	1.71
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.27*	
06 46 36 00-0318	LF	3/4" x 11-1/2" Custom Shaped Honduras Mahogany	41.74	1.71
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.31*	
06 46 36 00-0319	LF	1" x 1-1/2" Custom Shaped Honduras Mahogany	12.20	1.25
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	
06 46 36 00-0320	LF	1" x 2-1/2" Custom Shaped Honduras Mahogany	16.32	1.25
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.98*	
06 46 36 00-0321	LF	1" x 3-1/2" Custom Shaped Honduras Mahogany	20.49	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0322	LF	1" x 4-1/2" Custom Shaped Honduras Mahogany	24.66	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0323	LF	1" x 5-1/2" Custom Shaped Honduras Mahogany	28.95	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.09*	
06 46 36 00-0324	LF	1" x 6-1/2" Custom Shaped Honduras Mahogany	33.20	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.15*	
06 46 36 00-0325	LF	1" x 7-1/2" Custom Shaped Honduras Mahogany	37.35	1.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.18*	
06 46 36 00-0326	LF	1" x 8-1/2" Custom Shaped Honduras Mahogany	41.54	1.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.21*	
06 46 36 00-0327	LF	1" x 9-1/2" Custom Shaped Honduras Mahogany	45.65	1.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.23*	
06 46 36 00-0328	LF	1" x 10-1/2" Custom Shaped Honduras Mahogany	49.93	1.71
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.30*	
06 46 36 00-0329	LF	1" x 11-1/2" Custom Shaped Honduras Mahogany	54.69	1.71
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.34*	
06 46 36 00-0330	LF	1-1/4" x 1-1/2" Custom Shaped Honduras Mahogany	13.91	1.25
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.98*	
06 46 36 00-0331	LF	1-1/4" x 2-1/2" Custom Shaped Honduras Mahogany	18.90	1.25
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0332	LF	1-1/4" x 3-1/2" Custom Shaped Honduras Mahogany	23.82	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.03*	
06 46 36 00-0333	LF	1-1/4" x 4-1/2" Custom Shaped Honduras Mahogany	28.81	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
06 46 36 00-0334	LF	1-1/4" x 5-1/2" Custom Shaped Honduras Mahogany	33.88	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.12*	
06 46 36 00-0335	LF	1-1/4" x 6-1/2" Custom Shaped Honduras Mahogany	38.99	1.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.18*	
06 46 36 00-0336	LF	1-1/4" x 7-1/2" Custom Shaped Honduras Mahogany	43.90	1.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.21*	
06 46 36 00-0337	LF	1-1/4" x 8-1/2" Custom Shaped Honduras Mahogany	48.92	1.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.24*	
06 46 36 00-0338	LF	1-1/4" x 9-1/2" Custom Shaped Honduras Mahogany	52.70	1.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.26*	
06 46 36 00-0339	LF	1-1/4" x 10-1/2" Custom Shaped Honduras Mahogany	58.94	1.71
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.32*	
06 46 36 00-0340	LF	1-1/4" x 11-1/2" Custom Shaped Honduras Mahogany	63.93	1.82
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.36*	
06 46 36 00-0341	LF	1-1/2" x 1-1/2" Custom Shaped Honduras Mahogany	17.24	1.25
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.00*	
06 46 36 00-0342	LF	1-1/2" x 2-1/2" Custom Shaped Honduras Mahogany	23.81	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.03*	
06 46 36 00-0343	LF	1-1/2" x 3-1/2" Custom Shaped Honduras Mahogany	30.38	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
06 46 36 00-0344	LF	1-1/2" x 4-1/2" Custom Shaped Honduras Mahogany	36.95	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.09*	
06 46 36 00-0345	LF	1-1/2" x 5-1/2" Custom Shaped Honduras Mahogany	43.54	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.12*	
06 46 36 00-0346	LF	1-1/2" x 6-1/2" Custom Shaped Honduras Mahogany	50.35	1.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.21*	
06 46 36 00-0347	LF	1-1/2" x 7-1/2" Custom Shaped Honduras Mahogany	56.91	1.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.23*	
06 46 36 00-0348	LF	1-1/2" x 8-1/2" Custom Shaped Honduras Mahogany	63.52	1.71
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.27*	
06 46 36 00-0349	LF	1-1/2" x 9-1/2" Custom Shaped Honduras Mahogany	70.03	1.71
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.29*	
06 46 36 00-0350	LF	1-1/2" x 10-1/2" Custom Shaped Honduras Mahogany	76.74	1.71
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.35*	
06 46 36 00-0351	LF	1-1/2" x 11-1/2" Custom Shaped Honduras Mahogany	83.48	1.82
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.39*	
06 46 36 00-0352	LF	2" x 1-1/2" Custom Shaped Honduras Mahogany	20.55	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0353	LF	2" x 2-1/2" Custom Shaped Honduras Mahogany	28.75	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.05*	
06 46 36 00-0354	LF	2" x 3-1/2" Custom Shaped Honduras Mahogany	36.89	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.07*	
06 46 36 00-0355	LF	2" x 4-1/2" Custom Shaped Honduras Mahogany	45.19	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0356	LF	2" x 5-1/2" Custom Shaped Honduras Mahogany	53.34	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.15*	
06 46 36 00-0357	LF	2" x 6-1/2" Custom Shaped Honduras Mahogany	61.76	1.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.23*	
06 46 36 00-0358	LF	2" x 7-1/2" Custom Shaped Honduras Mahogany	69.90	1.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.26*	
06 46 36 00-0359	LF	2" x 8-1/2" Custom Shaped Honduras Mahogany	78.21	1.71
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.31*	
06 46 36 00-0360	LF	2" x 9-1/2" Custom Shaped Honduras Mahogany	86.35	1.71
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.33*	
06 46 36 00-0361	LF	2" x 10-1/2" Custom Shaped Honduras Mahogany	94.55	1.82
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.36*	
06 46 36 00-0362	LF	2" x 11-1/2" Custom Shaped Honduras Mahogany	102.93	1.93
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.44*	
06 46 36 00-0363	LF	2-1/2" x 1-1/2" Custom Shaped Honduras Mahogany	25.31	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.05*	
06 46 36 00-0364	LF	2-1/2" x 2-1/2" Custom Shaped Honduras Mahogany	34.16	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.07*	
06 46 36 00-0365	LF	2-1/2" x 3-1/2" Custom Shaped Honduras Mahogany	44.11	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.10*	
06 46 36 00-0366	LF	2-1/2" x 4-1/2" Custom Shaped Honduras Mahogany	54.15	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.15*	
06 46 36 00-0367	LF	2-1/2" x 5-1/2" Custom Shaped Honduras Mahogany	64.10	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.18*	
06 46 36 00-0368	LF	2-1/2" x 6-1/2" Custom Shaped Honduras Mahogany	74.27	1.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.26*	
06 46 36 00-0369	LF	2-1/2" x 7-1/2" Custom Shaped Honduras Mahogany	84.22	1.71
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.28*	
06 46 36 00-0370	LF	2-1/2" x 8-1/2" Custom Shaped Honduras Mahogany	94.27	1.71
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.33*	
06 46 36 00-0371	LF	2-1/2" x 9-1/2" Custom Shaped Honduras Mahogany	104.22	1.82
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.36*	
06 46 36 00-0372	LF	2-1/2" x 10-1/2" Custom Shaped Honduras Mahogany	114.16	1.82
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.39*	
06 46 36 00-0373	LF	2-1/2" x 11-1/2" Custom Shaped Honduras Mahogany	124.34	1.93
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.47*	
06 46 36 00-0374	LF	3-1/2" x 3-1/2" Custom Shaped Honduras Mahogany	59.95	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.13*	
06 46 36 00-0375	LF	3-1/2" x 4-1/2" Custom Shaped Honduras Mahogany	73.93	1.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.18*	
06 46 36 00-0376	LF	3-1/2" x 5-1/2" Custom Shaped Honduras Mahogany	87.81	1.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.21*	
06 46 36 00-0377	LF	3-1/2" x 6-1/2" Custom Shaped Honduras Mahogany	101.91	1.71
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.28*	
06 46 36 00-0378	LF	3-1/2" x 7-1/2" Custom Shaped Honduras Mahogany	115.80	1.71
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.31*	
06 46 36 00-0379	LF	3-1/2" x 8-1/2" Custom Shaped Honduras Mahogany	129.78	1.82
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.36*	
06 46 36 00-0380	LF	3-1/2" x 9-1/2" Custom Shaped Honduras Mahogany	143.65	1.82
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.39*	
06 46 36 00-0381	LF	3-1/2" x 10-1/2" Custom Shaped Honduras Mahogany	157.53	1.82
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.41*	
06 46 36 00-0382	LF	3-1/2" x 11-1/2" Custom Shaped Honduras Mahogany	171.63	1.93
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.49*	

06 46 36 00-0383 Maple *(06 46 36)*

06 46 36 00-0384	LF	3/4" x 1-1/2" Custom Shaped Maple	7.51	1.25
06 46 36 00-0385	LF	3/4" x 2-1/2" Custom Shaped Maple	9.38	1.25
06 46 36 00-0386	LF	3/4" x 3-1/2" Custom Shaped Maple	11.26	1.25
06 46 36 00-0387	LF	3/4" x 4-1/2" Custom Shaped Maple	13.14	1.37
06 46 36 00-0388	LF	3/4" x 5-1/2" Custom Shaped Maple	15.14	1.37
06 46 36 00-0389	LF	3/4" x 6-1/2" Custom Shaped Maple	17.13	1.48
06 46 36 00-0390	LF	3/4" x 7-1/2" Custom Shaped Maple	19.00	1.48
06 46 36 00-0391	LF	3/4" x 8-1/2" Custom Shaped Maple	20.90	1.48
06 46 36 00-0392	LF	3/4" x 9-1/2" Custom Shaped Maple	22.72	1.59
06 46 36 00-0393	LF	3/4" x 10-1/2" Custom Shaped Maple	24.74	1.71
06 46 36 00-0394	LF	3/4" x 11-1/2" Custom Shaped Maple	26.67	1.71
06 46 36 00-0395	LF	1" x 1-1/2" Custom Shaped Maple	8.93	1.25
06 46 36 00-0396	LF	1" x 2-1/2" Custom Shaped Maple	11.40	1.25
06 46 36 00-0397	LF	1" x 3-1/2" Custom Shaped Maple	13.94	1.37
06 46 36 00-0398	LF	1" x 4-1/2" Custom Shaped Maple	16.47	1.37
06 46 36 00-0399	LF	1" x 5-1/2" Custom Shaped Maple	19.12	1.48
06 46 36 00-0400	LF	1" x 6-1/2" Custom Shaped Maple	21.73	1.48
06 46 36 00-0401	LF	1" x 7-1/2" Custom Shaped Maple	24.24	1.48
06 46 36 00-0402	LF	1" x 8-1/2" Custom Shaped Maple	26.80	1.59
06 46 36 00-0403	LF	1" x 9-1/2" Custom Shaped Maple	29.27	1.59
06 46 36 00-0404	LF	1" x 10-1/2" Custom Shaped Maple	30.82	1.71
06 46 36 00-0405	LF	1" x 11-1/2" Custom Shaped Maple	34.48	1.71
06 46 36 00-0406	LF	1-1/4" x 1-1/2" Custom Shaped Maple	10.14	1.25
06 46 36 00-0407	LF	1-1/4" x 2-1/2" Custom Shaped Maple	13.22	1.25
06 46 36 00-0408	LF	1-1/4" x 3-1/2" Custom Shaped Maple	16.29	1.37
06 46 36 00-0409	LF	1-1/4" x 4-1/2" Custom Shaped Maple	19.36	1.37

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0410	LF	1-1/4" x 5-1/2" Custom Shaped Maple	22.57	1.48
06 46 36 00-0411	LF	1-1/4" x 6-1/2" Custom Shaped Maple	25.77	1.48
06 46 36 00-0412	LF	1-1/4" x 7-1/2" Custom Shaped Maple	28.83	1.59
06 46 36 00-0413	LF	1-1/4" x 8-1/2" Custom Shaped Maple	31.94	1.59
06 46 36 00-0414	LF	1-1/4" x 9-1/2" Custom Shaped Maple	34.95	1.59
06 46 36 00-0415	LF	1-1/4" x 10-1/2" Custom Shaped Maple	38.19	1.71
06 46 36 00-0416	LF	1-1/4" x 11-1/2" Custom Shaped Maple	41.32	1.82
06 46 36 00-0417	LF	1-1/2" x 1-1/2" Custom Shaped Maple	12.65	1.25
06 46 36 00-0418	LF	1-1/2" x 2-1/2" Custom Shaped Maple	16.93	1.37
06 46 36 00-0419	LF	1-1/2" x 3-1/2" Custom Shaped Maple	21.20	1.37
06 46 36 00-0420	LF	1-1/2" x 4-1/2" Custom Shaped Maple	25.48	1.48
06 46 36 00-0421	LF	1-1/2" x 5-1/2" Custom Shaped Maple	29.78	1.48
06 46 36 00-0422	LF	1-1/2" x 6-1/2" Custom Shaped Maple	34.29	1.59
06 46 36 00-0423	LF	1-1/2" x 7-1/2" Custom Shaped Maple	38.56	1.59
06 46 36 00-0424	LF	1-1/2" x 8-1/2" Custom Shaped Maple	43.42	1.71
06 46 36 00-0425	LF	1-1/2" x 9-1/2" Custom Shaped Maple	47.09	1.71
06 46 36 00-0426	LF	1-1/2" x 10-1/2" Custom Shaped Maple	51.62	1.82
06 46 36 00-0427	LF	1-1/2" x 11-1/2" Custom Shaped Maple	55.84	1.82
06 46 36 00-0428	LF	2" x 1-1/2" Custom Shaped Maple	16.73	1.37
06 46 36 00-0429	LF	2" x 2-1/2" Custom Shaped Maple	23.02	1.37
06 46 36 00-0430	LF	2" x 3-1/2" Custom Shaped Maple	29.24	1.37
06 46 36 00-0431	LF	2" x 4-1/2" Custom Shaped Maple	35.64	1.48
06 46 36 00-0432	LF	2" x 5-1/2" Custom Shaped Maple	41.87	1.48
06 46 36 00-0433	LF	2" x 6-1/2" Custom Shaped Maple	48.38	1.59
06 46 36 00-0434	LF	2" x 7-1/2" Custom Shaped Maple	54.61	1.59
06 46 36 00-0435	LF	2" x 8-1/2" Custom Shaped Maple	61.01	1.71
06 46 36 00-0436	LF	2" x 9-1/2" Custom Shaped Maple	67.24	1.71
06 46 36 00-0437	LF	2" x 10-1/2" Custom Shaped Maple	73.53	1.82
06 46 36 00-0438	LF	2" x 11-1/2" Custom Shaped Maple	80.54	1.93
06 46 36 00-0439	LF	3-1/2" x 3-1/2" Custom Shaped Maple	64.32	1.48
06 46 36 00-0440	LF	3-1/2" x 4-1/2" Custom Shaped Maple	79.39	1.48
06 46 36 00-0441	LF	3-1/2" x 5-1/2" Custom Shaped Maple	94.36	1.59
06 46 36 00-0442	LF	3-1/2" x 6-1/2" Custom Shaped Maple	109.56	1.71
06 46 36 00-0443	LF	3-1/2" x 7-1/2" Custom Shaped Maple	124.53	1.71
06 46 36 00-0444	LF	3-1/2" x 8-1/2" Custom Shaped Maple	139.61	1.82
06 46 36 00-0445	LF	3-1/2" x 9-1/2" Custom Shaped Maple	154.57	1.82
06 46 36 00-0446	LF	3-1/2" x 10-1/2" Custom Shaped Maple	169.54	1.82
06 46 36 00-0447	LF	3-1/2" x 11-1/2" Custom Shaped Maple	184.74	1.93

06 46 36 00-0448 Appl Soft Maple *(06 46 36)*

06 46 36 00-0449	LF	3/4" x 1-1/2" Custom Shaped Appl Soft Maple	7.61	1.25
06 46 36 00-0450	LF	3/4" x 2-1/2" Custom Shaped Appl Soft Maple	9.55	1.25
06 46 36 00-0451	LF	3/4" x 3-1/2" Custom Shaped Appl Soft Maple	11.48	1.25
06 46 36 00-0452	LF	3/4" x 4-1/2" Custom Shaped Appl Soft Maple	13.41	1.37
06 46 36 00-0453	LF	3/4" x 5-1/2" Custom Shaped Appl Soft Maple	15.46	1.37
06 46 36 00-0454	LF	3/4" x 6-1/2" Custom Shaped Appl Soft Maple	17.52	1.48
06 46 36 00-0455	LF	3/4" x 7-1/2" Custom Shaped Appl Soft Maple	19.44	1.48
06 46 36 00-0456	LF	3/4" x 8-1/2" Custom Shaped Appl Soft Maple	21.39	1.48
06 46 36 00-0457	LF	3/4" x 9-1/2" Custom Shaped Appl Soft Maple	23.26	1.59
06 46 36 00-0458	LF	3/4" x 10-1/2" Custom Shaped Appl Soft Maple	25.34	1.71
06 46 36 00-0459	LF	3/4" x 11-1/2" Custom Shaped Appl Soft Maple	27.33	1.71
06 46 36 00-0460	LF	1" x 1-1/2" Custom Shaped Appl Soft Maple	8.65	1.25
06 46 36 00-0461	LF	1" x 2-1/2" Custom Shaped Appl Soft Maple	11.02	1.25
06 46 36 00-0462	LF	1" x 3-1/2" Custom Shaped Appl Soft Maple	13.39	1.37
06 46 36 00-0463	LF	1" x 4-1/2" Custom Shaped Appl Soft Maple	15.71	1.37
06 46 36 00-0464	LF	1" x 5-1/2" Custom Shaped Appl Soft Maple	18.30	1.48
06 46 36 00-0465	LF	1" x 6-1/2" Custom Shaped Appl Soft Maple	20.80	1.48
06 46 36 00-0466	LF	1" x 7-1/2" Custom Shaped Appl Soft Maple	23.15	1.48
06 46 36 00-0467	LF	1" x 8-1/2" Custom Shaped Appl Soft Maple	25.54	1.59
06 46 36 00-0468	LF	1" x 9-1/2" Custom Shaped Appl Soft Maple	27.90	1.59
06 46 36 00-0469	LF	1" x 10-1/2" Custom Shaped Appl Soft Maple	30.43	1.71
06 46 36 00-0470	LF	1" x 11-1/2" Custom Shaped Appl Soft Maple	32.84	1.71
06 46 36 00-0471	LF	1-1/4" x 1-1/2" Custom Shaped Appl Soft Maple	9.65	1.25
06 46 36 00-0472	LF	1-1/4" x 2-1/2" Custom Shaped Appl Soft Maple	12.51	1.25
06 46 36 00-0473	LF	1-1/4" x 3-1/2" Custom Shaped Appl Soft Maple	15.30	1.37
06 46 36 00-0474	LF	1-1/4" x 4-1/2" Custom Shaped Appl Soft Maple	18.16	1.37
06 46 36 00-0475	LF	1-1/4" x 5-1/2" Custom Shaped Appl Soft Maple	21.10	1.48
06 46 36 00-0476	LF	1-1/4" x 6-1/2" Custom Shaped Appl Soft Maple	24.08	1.48
06 46 36 00-0477	LF	1-1/4" x 7-1/2" Custom Shaped Appl Soft Maple	26.87	1.59
06 46 36 00-0478	LF	1-1/4" x 8-1/2" Custom Shaped Appl Soft Maple	29.76	1.59
06 46 36 00-0479	LF	1-1/4" x 9-1/2" Custom Shaped Appl Soft Maple	32.49	1.59
06 46 36 00-0480	LF	1-1/4" x 10-1/2" Custom Shaped Appl Soft Maple	35.51	1.71
06 46 36 00-0481	LF	1-1/4" x 11-1/2" Custom Shaped Appl Soft Maple	38.37	1.82
06 46 36 00-0482	LF	1-1/2" x 1-1/2" Custom Shaped Appl Soft Maple	11.56	1.25
06 46 36 00-0483	LF	1-1/2" x 2-1/2" Custom Shaped Appl Soft Maple	15.29	1.37
06 46 36 00-0484	LF	1-1/2" x 3-1/2" Custom Shaped Appl Soft Maple	19.02	1.37
06 46 36 00-0485	LF	1-1/2" x 4-1/2" Custom Shaped Appl Soft Maple	22.75	1.48
06 46 36 00-0486	LF	1-1/2" x 5-1/2" Custom Shaped Appl Soft Maple	26.51	1.48
06 46 36 00-0487	LF	1-1/2" x 6-1/2" Custom Shaped Appl Soft Maple	30.47	1.59
06 46 36 00-0488	LF	1-1/2" x 7-1/2" Custom Shaped Appl Soft Maple	34.19	1.59

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0489	LF	1-1/2" x 8-1/2" Custom Shaped Appl Soft Maple	37.96	1.71
06 46 36 00-0490	LF	1-1/2" x 9-1/2" Custom Shaped Appl Soft Maple	41.63	1.71
06 46 36 00-0491	LF	1-1/2" x 10-1/2" Custom Shaped Appl Soft Maple	45.51	1.82
06 46 36 00-0492	LF	1-1/2" x 11-1/2" Custom Shaped Appl Soft Maple	49.29	1.82
06 46 36 00-0493		**Red Oak** *(06 46 36)*		
06 46 36 00-0494	LF	3/4" x 1-1/2" Custom Shaped Red Oak	8.16	1.25
06 46 36 00-0495	LF	3/4" x 2-1/2" Custom Shaped Red Oak	10.37	1.25
06 46 36 00-0496	LF	3/4" x 3-1/2" Custom Shaped Red Oak	12.57	1.25
06 46 36 00-0497	LF	3/4" x 4-1/2" Custom Shaped Red Oak	14.78	1.37
06 46 36 00-0498	LF	3/4" x 5-1/2" Custom Shaped Red Oak	17.10	1.37
06 46 36 00-0499	LF	3/4" x 6-1/2" Custom Shaped Red Oak	19.43	1.48
06 46 36 00-0500	LF	3/4" x 7-1/2" Custom Shaped Red Oak	21.62	1.48
06 46 36 00-0501	LF	3/4" x 8-1/2" Custom Shaped Red Oak	23.85	1.48
06 46 36 00-0502	LF	3/4" x 9-1/2" Custom Shaped Red Oak	25.99	1.59
06 46 36 00-0503	LF	3/4" x 10-1/2" Custom Shaped Red Oak	28.35	1.71
06 46 36 00-0504	LF	3/4" x 11-1/2" Custom Shaped Red Oak	30.60	1.71
06 46 36 00-0505	LF	1" x 1-1/2" Custom Shaped Red Oak	9.85	1.25
06 46 36 00-0506	LF	1" x 2-1/2" Custom Shaped Red Oak	12.88	1.25
06 46 36 00-0507	LF	1" x 3-1/2" Custom Shaped Red Oak	15.85	1.37
06 46 36 00-0508	LF	1" x 4-1/2" Custom Shaped Red Oak	19.96	1.37
06 46 36 00-0509	LF	1" x 5-1/2" Custom Shaped Red Oak	21.96	1.48
06 46 36 00-0510	LF	1" x 6-1/2" Custom Shaped Red Oak	25.12	1.48
06 46 36 00-0511	LF	1" x 7-1/2" Custom Shaped Red Oak	28.07	1.48
06 46 36 00-0512	LF	1" x 8-1/2" Custom Shaped Red Oak	31.06	1.59
06 46 36 00-0513	LF	1" x 9-1/2" Custom Shaped Red Oak	34.02	1.59
06 46 36 00-0514	LF	1" x 10-1/2" Custom Shaped Red Oak	37.20	1.71
06 46 36 00-0515	LF	1" x 11-1/2" Custom Shaped Red Oak	40.21	1.71
06 46 36 00-0516	LF	1-1/4" x 1-1/2" Custom Shaped Red Oak	12.27	1.25
06 46 36 00-0517	LF	1-1/4" x 2-1/2" Custom Shaped Red Oak	16.44	1.25
06 46 36 00-0518	LF	1-1/4" x 3-1/2" Custom Shaped Red Oak	20.55	1.37
06 46 36 00-0519	LF	1-1/4" x 4-1/2" Custom Shaped Red Oak	24.72	1.37
06 46 36 00-0520	LF	1-1/4" x 5-1/2" Custom Shaped Red Oak	28.96	1.48
06 46 36 00-0521	LF	1-1/4" x 6-1/2" Custom Shaped Red Oak	33.25	1.48
06 46 36 00-0522	LF	1-1/4" x 7-1/2" Custom Shaped Red Oak	37.35	1.59
06 46 36 00-0523	LF	1-1/4" x 8-1/2" Custom Shaped Red Oak	41.55	1.59
06 46 36 00-0524	LF	1-1/4" x 9-1/2" Custom Shaped Red Oak	45.60	1.59
06 46 36 00-0525	LF	1-1/4" x 10-1/2" Custom Shaped Red Oak	49.93	1.71
06 46 36 00-0526	LF	1-1/4" x 11-1/2" Custom Shaped Red Oak	54.10	1.82
06 46 36 00-0527	LF	1-1/2" x 1-1/2" Custom Shaped Red Oak	17.24	1.25
06 46 36 00-0528	LF	1-1/2" x 2-1/2" Custom Shaped Red Oak	23.81	1.37
06 46 36 00-0529	LF	1-1/2" x 3-1/2" Custom Shaped Red Oak	30.38	1.37
06 46 36 00-0530	LF	1-1/2" x 4-1/2" Custom Shaped Red Oak	36.95	1.37
06 46 36 00-0531	LF	1-1/2" x 5-1/2" Custom Shaped Red Oak	43.54	1.48
06 46 36 00-0532	LF	1-1/2" x 6-1/2" Custom Shaped Red Oak	50.46	1.59
06 46 36 00-0533	LF	1-1/2" x 7-1/2" Custom Shaped Red Oak	56.91	1.59
06 46 36 00-0534	LF	1-1/2" x 8-1/2" Custom Shaped Red Oak	64.61	1.71
06 46 36 00-0535	LF	1-1/2" x 9-1/2" Custom Shaped Red Oak	70.03	1.71
06 46 36 00-0536	LF	1-1/2" x 10-1/2" Custom Shaped Red Oak	76.74	1.71
06 46 36 00-0537	LF	1-1/2" x 11-1/2" Custom Shaped Red Oak	83.37	1.82
06 46 36 00-0538	LF	2" x 1-1/2" Custom Shaped Red Oak	26.56	1.37
06 46 36 00-0539	LF	2" x 2-1/2" Custom Shaped Red Oak	37.76	1.37
06 46 36 00-0540	LF	2" x 3-1/2" Custom Shaped Red Oak	48.90	1.37
06 46 36 00-0541	LF	2" x 4-1/2" Custom Shaped Red Oak	60.21	1.48
06 46 36 00-0542	LF	2" x 5-1/2" Custom Shaped Red Oak	71.36	1.48
06 46 36 00-0543	LF	2" x 6-1/2" Custom Shaped Red Oak	82.79	1.59
06 46 36 00-0544	LF	2" x 7-1/2" Custom Shaped Red Oak	93.93	1.59
06 46 36 00-0545	LF	2" x 8-1/2" Custom Shaped Red Oak	105.25	1.71
06 46 36 00-0546	LF	2" x 9-1/2" Custom Shaped Red Oak	116.39	1.71
06 46 36 00-0547	LF	2" x 10-1/2" Custom Shaped Red Oak	127.59	1.82
06 46 36 00-0548	LF	2" x 11-1/2" Custom Shaped Red Oak	138.97	1.93
06 46 36 00-0549		**White Oak** *(06 46 36)*		
06 46 36 00-0550	LF	3/4" x 1-1/2" Custom Shaped White Oak	8.27	1.25
06 46 36 00-0551	LF	3/4" x 2-1/2" Custom Shaped White Oak	10.53	1.25
06 46 36 00-0552	LF	3/4" x 3-1/2" Custom Shaped White Oak	12.79	1.25
06 46 36 00-0553	LF	3/4" x 4-1/2" Custom Shaped White Oak	15.05	1.37
06 46 36 00-0554	LF	3/4" x 5-1/2" Custom Shaped White Oak	17.43	1.37
06 46 36 00-0555	LF	3/4" x 6-1/2" Custom Shaped White Oak	19.81	1.48
06 46 36 00-0556	LF	3/4" x 7-1/2" Custom Shaped White Oak	22.06	1.48
06 46 36 00-0557	LF	3/4" x 8-1/2" Custom Shaped White Oak	24.34	1.48
06 46 36 00-0558	LF	3/4" x 9-1/2" Custom Shaped White Oak	26.54	1.59
06 46 36 00-0559	LF	3/4" x 10-1/2" Custom Shaped White Oak	28.95	1.71
06 46 36 00-0560	LF	3/4" x 11-1/2" Custom Shaped White Oak	31.26	1.71
06 46 36 00-0561	LF	1" x 1-1/2" Custom Shaped White Oak	9.85	1.25
06 46 36 00-0562	LF	1" x 2-1/2" Custom Shaped White Oak	12.88	1.25
06 46 36 00-0563	LF	1" x 3-1/2" Custom Shaped White Oak	15.85	1.37
06 46 36 00-0564	LF	1" x 4-1/2" Custom Shaped White Oak	19.96	1.37
06 46 36 00-0565	LF	1" x 5-1/2" Custom Shaped White Oak	21.96	1.48

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0566	LF	1" x 6-1/2" Custom Shaped White Oak	25.12	1.48
06 46 36 00-0567	LF	1" x 7-1/2" Custom Shaped White Oak	28.07	1.48
06 46 36 00-0568	LF	1" x 8-1/2" Custom Shaped White Oak	31.06	1.59
06 46 36 00-0569	LF	1" x 9-1/2" Custom Shaped White Oak	34.02	1.59
06 46 36 00-0570	LF	1" x 10-1/2" Custom Shaped White Oak	37.20	1.71
06 46 36 00-0571	LF	1" x 11-1/2" Custom Shaped White Oak	40.21	1.71
06 46 36 00-0572	LF	1-1/4" x 1-1/2" Custom Shaped White Oak	12.43	1.25
06 46 36 00-0573	LF	1-1/4" x 2-1/2" Custom Shaped White Oak	16.66	1.25
06 46 36 00-0574	LF	1-1/4" x 3-1/2" Custom Shaped White Oak	20.87	1.37
06 46 36 00-0575	LF	1-1/4" x 4-1/2" Custom Shaped White Oak	25.10	1.37
06 46 36 00-0576	LF	1-1/4" x 5-1/2" Custom Shaped White Oak	29.45	1.48
06 46 36 00-0577	LF	1-1/4" x 6-1/2" Custom Shaped White Oak	33.80	1.48
06 46 36 00-0578	LF	1-1/4" x 7-1/2" Custom Shaped White Oak	38.01	1.59
06 46 36 00-0579	LF	1-1/4" x 8-1/2" Custom Shaped White Oak	42.26	1.59
06 46 36 00-0580	LF	1-1/4" x 9-1/2" Custom Shaped White Oak	46.42	1.59
06 46 36 00-0581	LF	1-1/4" x 10-1/2" Custom Shaped White Oak	50.80	1.71
06 46 36 00-0582	LF	1-1/4" x 11-1/2" Custom Shaped White Oak	55.08	1.82
06 46 36 00-0583	LF	1-1/2" x 1-1/2" Custom Shaped White Oak	20.51	1.25
06 46 36 00-0584	LF	1-1/2" x 2-1/2" Custom Shaped White Oak	28.73	1.37
06 46 36 00-0585	LF	1-1/2" x 3-1/2" Custom Shaped White Oak	36.93	1.37
06 46 36 00-0586	LF	1-1/2" x 4-1/2" Custom Shaped White Oak	45.14	1.48
06 46 36 00-0587	LF	1-1/2" x 5-1/2" Custom Shaped White Oak	53.37	1.48
06 46 36 00-0588	LF	1-1/2" x 6-1/2" Custom Shaped White Oak	61.82	1.59
06 46 36 00-0589	LF	1-1/2" x 7-1/2" Custom Shaped White Oak	70.02	1.59
06 46 36 00-0590	LF	1-1/2" x 8-1/2" Custom Shaped White Oak	78.26	1.71
06 46 36 00-0591	LF	1-1/2" x 9-1/2" Custom Shaped White Oak	85.32	1.71
06 46 36 00-0592	LF	1-1/2" x 10-1/2" Custom Shaped White Oak	94.77	1.82
06 46 36 00-0593	LF	1-1/2" x 11-1/2" Custom Shaped White Oak	103.03	1.82
06 46 36 00-0594		**White Pine** *(06 46 36)*		
06 46 36 00-0595	LF	3/4" x 1-1/2" Custom Shaped White Pine	9.25	1.25
06 46 36 00-0596	LF	3/4" x 2-1/2" Custom Shaped White Pine	12.00	1.25
06 46 36 00-0597	LF	3/4" x 3-1/2" Custom Shaped White Pine	14.76	1.25
06 46 36 00-0598	LF	3/4" x 4-1/2" Custom Shaped White Pine	17.51	1.37
06 46 36 00-0599	LF	3/4" x 5-1/2" Custom Shaped White Pine	20.38	1.37
06 46 36 00-0600	LF	3/4" x 6-1/2" Custom Shaped White Pine	23.25	1.48
06 46 36 00-0601	LF	3/4" x 7-1/2" Custom Shaped White Pine	25.99	1.48
06 46 36 00-0602	LF	3/4" x 8-1/2" Custom Shaped White Pine	28.76	1.48
06 46 36 00-0603	LF	3/4" x 9-1/2" Custom Shaped White Pine	33.09	1.59
06 46 36 00-0604	LF	3/4" x 10-1/2" Custom Shaped White Pine	36.16	1.71
06 46 36 00-0605	LF	1" x 1-1/2" Custom Shaped White Pine	10.40	1.25
06 46 36 00-0606	LF	1" x 2-1/2" Custom Shaped White Pine	13.70	1.25
06 46 36 00-0607	LF	1" x 3-1/2" Custom Shaped White Pine	16.94	1.37
06 46 36 00-0608	LF	1" x 4-1/2" Custom Shaped White Pine	20.24	1.37
06 46 36 00-0609	LF	1" x 5-1/2" Custom Shaped White Pine	23.60	1.48
06 46 36 00-0610	LF	1" x 6-1/2" Custom Shaped White Pine	27.03	1.48
06 46 36 00-0611	LF	1" x 7-1/2" Custom Shaped White Pine	30.25	1.48
06 46 36 00-0612	LF	1" x 8-1/2" Custom Shaped White Pine	33.57	1.59
06 46 36 00-0613	LF	1" x 9-1/2" Custom Shaped White Pine	36.75	1.59
06 46 36 00-0614	LF	1" x 10-1/2" Custom Shaped White Pine	40.21	1.71
06 46 36 00-0615	LF	1" x 11-1/2" Custom Shaped White Pine	43.49	1.71
06 46 36 00-0616	LF	1-1/4" x 1-1/2" Custom Shaped White Pine	11.78	1.25
06 46 36 00-0617	LF	1-1/4" x 2-1/2" Custom Shaped White Pine	15.67	1.25
06 46 36 00-0618	LF	1-1/4" x 3-1/2" Custom Shaped White Pine	19.67	1.37
06 46 36 00-0619	LF	1-1/4" x 4-1/2" Custom Shaped White Pine	23.46	1.37
06 46 36 00-0620	LF	1-1/4" x 5-1/2" Custom Shaped White Pine	27.49	1.48
06 46 36 00-0621	LF	1-1/4" x 6-1/2" Custom Shaped White Pine	31.51	1.48
06 46 36 00-0622	LF	1-1/4" x 7-1/2" Custom Shaped White Pine	35.39	1.59
06 46 36 00-0623	LF	1-1/4" x 8-1/2" Custom Shaped White Pine	39.31	1.59
06 46 36 00-0624	LF	1-1/4" x 9-1/2" Custom Shaped White Pine	43.14	1.59
06 46 36 00-0625	LF	1-1/4" x 10-1/2" Custom Shaped White Pine	47.20	1.71
06 46 36 00-0626	LF	1-1/4" x 11-1/2" Custom Shaped White Pine	51.15	1.82
06 46 36 00-0627	LF	1-1/2" x 1-1/2" Custom Shaped White Pine	14.84	1.25
06 46 36 00-0628	LF	1-1/2" x 2-1/2" Custom Shaped White Pine	20.21	1.37
06 46 36 00-0629	LF	1-1/2" x 3-1/2" Custom Shaped White Pine	25.57	1.37
06 46 36 00-0630	LF	1-1/2" x 4-1/2" Custom Shaped White Pine	30.94	1.48
06 46 36 00-0631	LF	1-1/2" x 5-1/2" Custom Shaped White Pine	36.34	1.48
06 46 36 00-0632	LF	1-1/2" x 6-1/2" Custom Shaped White Pine	41.94	1.59
06 46 36 00-0633	LF	1-1/2" x 7-1/2" Custom Shaped White Pine	47.30	1.59
06 46 36 00-0634	LF	1-1/2" x 8-1/2" Custom Shaped White Pine	52.70	1.71
06 46 36 00-0635	LF	1-1/2" x 9-1/2" Custom Shaped White Pine	59.11	1.71
06 46 36 00-0636	LF	1-1/2" x 10-1/2" Custom Shaped White Pine	63.53	1.82
06 46 36 00-0637	LF	1-1/2" x 11-1/2" Custom Shaped White Pine	68.95	1.82
06 46 36 00-0638	LF	2" x 1-1/2" Custom Shaped White Pine	23.01	1.37
06 46 36 00-0639	LF	2" x 2-1/2" Custom Shaped White Pine	32.41	1.37
06 46 36 00-0640	LF	2" x 3-1/2" Custom Shaped White Pine	41.81	1.37
06 46 36 00-0641	LF	2" x 4-1/2" Custom Shaped White Pine	51.31	1.48
06 46 36 00-0642	LF	2" x 5-1/2" Custom Shaped White Pine	60.71	1.48
06 46 36 00-0643	LF	2" x 6-1/2" Custom Shaped White Pine	70.34	1.59
06 46 36 00-0644	LF	2" x 7-1/2" Custom Shaped White Pine	79.73	1.59

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0645	LF	2" x 8-1/2" Custom Shaped White Pine	89.24	1.71
06 46 36 00-0646	LF	2" x 9-1/2" Custom Shaped White Pine	98.64	1.71
06 46 36 00-0647	LF	2" x 10-1/2" Custom Shaped White Pine	108.04	1.82
06 46 36 00-0648	LF	2" x 11-1/2" Custom Shaped White Pine	117.68	1.93
06 46 36 00-0649	LF	2-1/2" x 1-1/2" Custom Shaped White Pine	27.50	1.37
06 46 36 00-0650	LF	2-1/2" x 2-1/2" Custom Shaped White Pine	39.07	1.37
06 46 36 00-0651	LF	2-1/2" x 3-1/2" Custom Shaped White Pine	50.66	1.48
06 46 36 00-0652	LF	2-1/2" x 4-1/2" Custom Shaped White Pine	62.34	1.48
06 46 36 00-0653	LF	2-1/2" x 5-1/2" Custom Shaped White Pine	73.93	1.48
06 46 36 00-0654	LF	2-1/2" x 6-1/2" Custom Shaped White Pine	85.74	1.59
06 46 36 00-0655	LF	2-1/2" x 7-1/2" Custom Shaped White Pine	97.33	1.71
06 46 36 00-0656	LF	2-1/2" x 8-1/2" Custom Shaped White Pine	109.01	1.71
06 46 36 00-0657	LF	2-1/2" x 9-1/2" Custom Shaped White Pine	120.60	1.82
06 46 36 00-0658	LF	2-1/2" x 10-1/2" Custom Shaped White Pine	132.18	1.82
06 46 36 00-0659	LF	2-1/2" x 11-1/2" Custom Shaped White Pine	144.00	1.93
06 46 36 00-0660	LF	3-1/2" x 3-1/2" Custom Shaped White Pine	70.43	1.48
06 46 36 00-0661	LF	3-1/2" x 4-1/2" Custom Shaped White Pine	87.04	1.48
06 46 36 00-0662	LF	3-1/2" x 5-1/2" Custom Shaped White Pine	103.54	1.59
06 46 36 00-0663	LF	3-1/2" x 6-1/2" Custom Shaped White Pine	120.26	1.71
06 46 36 00-0664	LF	3-1/2" x 7-1/2" Custom Shaped White Pine	136.77	1.71
06 46 36 00-0665	LF	3-1/2" x 8-1/2" Custom Shaped White Pine	153.37	1.82
06 46 36 00-0666	LF	3-1/2" x 9-1/2" Custom Shaped White Pine	169.86	1.82
06 46 36 00-0667	LF	3-1/2" x 10-1/2" Custom Shaped White Pine	186.37	1.82
06 46 36 00-0668	LF	3-1/2" x 11-1/2" Custom Shaped White Pine	203.09	1.93
06 46 36 00-0669		**Clear Yellow Pine** *(06 46 36)*		
06 46 36 00-0670	LF	3/4" x 1-1/2" Custom Shaped "C" Y Pine	6.19	1.25
06 46 36 00-0671	LF	3/4" x 2-1/2" Custom Shaped "C" Y Pine	7.42	1.25
06 46 36 00-0672	LF	3/4" x 3-1/2" Custom Shaped "C" Y Pine	8.64	1.25
06 46 36 00-0673	LF	3/4" x 4-1/2" Custom Shaped "C" Y Pine	9.86	1.37
06 46 36 00-0674	LF	3/4" x 5-1/2" Custom Shaped "C" Y Pine	11.20	1.37
06 46 36 00-0675	LF	3/4" x 6-1/2" Custom Shaped "C" Y Pine	12.55	1.48
06 46 36 00-0676	LF	3/4" x 7-1/2" Custom Shaped "C" Y Pine	13.76	1.48
06 46 36 00-0677	LF	3/4" x 8-1/2" Custom Shaped "C" Y Pine	15.00	1.48
06 46 36 00-0678	LF	1" x 1-1/2" Custom Shaped "C" Y Pine	7.12	1.25
06 46 36 00-0679	LF	1" x 2-1/2" Custom Shaped "C" Y Pine	8.78	1.25
06 46 36 00-0680	LF	1" x 3-1/2" Custom Shaped "C" Y Pine	10.39	1.37
06 46 36 00-0681	LF	1" x 4-1/2" Custom Shaped "C" Y Pine	12.05	1.37
06 46 36 00-0682	LF	1" x 5-1/2" Custom Shaped "C" Y Pine	13.77	1.48
06 46 36 00-0683	LF	1" x 6-1/2" Custom Shaped "C" Y Pine	15.56	1.48
06 46 36 00-0684	LF	1" x 7-1/2" Custom Shaped "C" Y Pine	17.69	1.48
06 46 36 00-0685	LF	1" x 8-1/2" Custom Shaped "C" Y Pine	19.42	1.59
06 46 36 00-0686	LF	1-1/2" x 1-1/2" Custom Shaped "C" Y Pine	8.28	1.25
06 46 36 00-0687	LF	1-1/2" x 2-1/2" Custom Shaped "C" Y Pine	10.38	1.37
06 46 36 00-0688	LF	1-1/2" x 3-1/2" Custom Shaped "C" Y Pine	12.46	1.37
06 46 36 00-0689	LF	1-1/2" x 4-1/2" Custom Shaped "C" Y Pine	14.56	1.48
06 46 36 00-0690	LF	1-1/2" x 5-1/2" Custom Shaped "C" Y Pine	16.68	1.48
06 46 36 00-0691	LF	1-1/2" x 6-1/2" Custom Shaped "C" Y Pine	19.00	1.59
06 46 36 00-0692	LF	1-1/2" x 7-1/2" Custom Shaped "C" Y Pine	21.09	1.59
06 46 36 00-0693	LF	1-1/2" x 8-1/2" Custom Shaped "C" Y Pine	23.21	1.71
06 46 36 00-0694	LF	1-1/2" x 9-1/2" Custom Shaped "C" Y Pine	26.89	1.71
06 46 36 00-0695	LF	1-1/2" x 10-1/2" Custom Shaped "C" Y Pine	27.70	1.82
06 46 36 00-0696		**Poplar** *(06 46 36)*		
06 46 36 00-0697	LF	3/4" x 1-1/2" Custom Shaped Poplar	6.52	1.25
06 46 36 00-0698	LF	3/4" x 2-1/2" Custom Shaped Poplar	7.91	1.25
06 46 36 00-0699	LF	3/4" x 3-1/2" Custom Shaped Poplar	9.29	1.25
06 46 36 00-0700	LF	3/4" x 4-1/2" Custom Shaped Poplar	10.68	1.37
06 46 36 00-0701	LF	3/4" x 5-1/2" Custom Shaped Poplar	12.19	1.37
06 46 36 00-0702	LF	3/4" x 6-1/2" Custom Shaped Poplar	13.69	1.48
06 46 36 00-0703	LF	3/4" x 7-1/2" Custom Shaped Poplar	15.07	1.48
06 46 36 00-0704	LF	3/4" x 8-1/2" Custom Shaped Poplar	16.47	1.48
06 46 36 00-0705	LF	3/4" x 9-1/2" Custom Shaped Poplar	17.80	1.59
06 46 36 00-0706	LF	3/4" x 10-1/2" Custom Shaped Poplar	19.34	1.71
06 46 36 00-0707	LF	3/4" x 11-1/2" Custom Shaped Poplar	20.88	1.71
06 46 36 00-0708	LF	1" x 1-1/2" Custom Shaped Poplar	7.56	1.25
06 46 36 00-0709	LF	1" x 2-1/2" Custom Shaped Poplar	9.38	1.25
06 46 36 00-0710	LF	1" x 3-1/2" Custom Shaped Poplar	11.21	1.37
06 46 36 00-0711	LF	1" x 4-1/2" Custom Shaped Poplar	13.03	1.37
06 46 36 00-0712	LF	1" x 5-1/2" Custom Shaped Poplar	15.03	1.48
06 46 36 00-0713	LF	1" x 6-1/2" Custom Shaped Poplar	16.98	1.48
06 46 36 00-0714	LF	1" x 7-1/2" Custom Shaped Poplar	18.78	1.48
06 46 36 00-0715	LF	1" x 8-1/2" Custom Shaped Poplar	20.63	1.59
06 46 36 00-0716	LF	1" x 9-1/2" Custom Shaped Poplar	22.44	1.59
06 46 36 00-0717	LF	1" x 10-1/2" Custom Shaped Poplar	24.43	1.71
06 46 36 00-0718	LF	1" x 11-1/2" Custom Shaped Poplar	26.29	1.71
06 46 36 00-0719	LF	1-1/4" x 1-1/2" Custom Shaped Poplar	8.50	1.25
06 46 36 00-0720	LF	1-1/4" x 2-1/2" Custom Shaped Poplar	10.76	1.25
06 46 36 00-0721	LF	1-1/4" x 3-1/2" Custom Shaped Poplar	13.01	1.37

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0722	LF	1-1/4" x 4-1/2" Custom Shaped Poplar	15.27	1.37
06 46 36 00-0723	LF	1-1/4" x 5-1/2" Custom Shaped Poplar	17.66	1.48
06 46 36 00-0724	LF	1-1/4" x 6-1/2" Custom Shaped Poplar	20.04	1.48
06 46 36 00-0725	LF	1-1/4" x 7-1/2" Custom Shaped Poplar	22.28	1.59
06 46 36 00-0726	LF	1-1/4" x 8-1/2" Custom Shaped Poplar	24.57	1.59
06 46 36 00-0727	LF	1-1/4" x 9-1/2" Custom Shaped Poplar	26.76	1.59
06 46 36 00-0728	LF	1-1/4" x 10-1/2" Custom Shaped Poplar	29.18	1.71
06 46 36 00-0729	LF	1-1/4" x 11-1/2" Custom Shaped Poplar	31.49	1.82
06 46 36 00-0730	LF	1-1/2" x 1-1/2" Custom Shaped Poplar	10.68	1.25
06 46 36 00-0731	LF	1-1/2" x 2-1/2" Custom Shaped Poplar	13.98	1.37
06 46 36 00-0732	LF	1-1/2" x 3-1/2" Custom Shaped Poplar	17.27	1.37
06 46 36 00-0733	LF	1-1/2" x 4-1/2" Custom Shaped Poplar	20.57	1.48
06 46 36 00-0734	LF	1-1/2" x 5-1/2" Custom Shaped Poplar	23.88	1.48
06 46 36 00-0735	LF	1-1/2" x 6-1/2" Custom Shaped Poplar	27.41	1.59
06 46 36 00-0736	LF	1-1/2" x 7-1/2" Custom Shaped Poplar	30.70	1.59
06 46 36 00-0737	LF	1-1/2" x 8-1/2" Custom Shaped Poplar	34.03	1.71
06 46 36 00-0738	LF	1-1/2" x 9-1/2" Custom Shaped Poplar	37.26	1.71
06 46 36 00-0739	LF	1-1/2" x 10-1/2" Custom Shaped Poplar	40.70	1.82
06 46 36 00-0740	LF	1-1/2" x 11-1/2" Custom Shaped Poplar	44.05	1.82
06 46 36 00-0741	LF	2" x 1-1/2" Custom Shaped Poplar	14.00	1.37
06 46 36 00-0742	LF	2" x 2-1/2" Custom Shaped Poplar	18.92	1.37
06 46 36 00-0743	LF	2" x 3-1/2" Custom Shaped Poplar	23.78	1.37
06 46 36 00-0744	LF	2" x 4-1/2" Custom Shaped Poplar	28.81	1.48
06 46 36 00-0745	LF	2" x 5-1/2" Custom Shaped Poplar	33.68	1.48
06 46 36 00-0746	LF	2" x 6-1/2" Custom Shaped Poplar	38.83	1.59
06 46 36 00-0747	LF	2" x 7-1/2" Custom Shaped Poplar	43.69	1.59
06 46 36 00-0748	LF	2" x 8-1/2" Custom Shaped Poplar	48.72	1.71
06 46 36 00-0749	LF	2" x 9-1/2" Custom Shaped Poplar	53.58	1.71
06 46 36 00-0750	LF	2" x 10-1/2" Custom Shaped Poplar	58.51	1.82
06 46 36 00-0751	LF	2" x 11-1/2" Custom Shaped Poplar	63.61	1.93
06 46 36 00-0752	LF	2-1/2" x 1-1/2" Custom Shaped Poplar	17.34	1.37
06 46 36 00-0753	LF	2-1/2" x 2-1/2" Custom Shaped Poplar	23.84	1.37
06 46 36 00-0754	LF	2-1/2" x 3-1/2" Custom Shaped Poplar	30.35	1.48
06 46 36 00-0755	LF	2-1/2" x 4-1/2" Custom Shaped Poplar	36.95	1.48
06 46 36 00-0756	LF	2-1/2" x 5-1/2" Custom Shaped Poplar	43.46	1.48
06 46 36 00-0757	LF	2-1/2" x 6-1/2" Custom Shaped Poplar	50.19	1.59
06 46 36 00-0758	LF	2-1/2" x 7-1/2" Custom Shaped Poplar	56.70	1.71
06 46 36 00-0759	LF	2-1/2" x 8-1/2" Custom Shaped Poplar	63.30	1.71
06 46 36 00-0760	LF	2-1/2" x 9-1/2" Custom Shaped Poplar	69.81	1.82
06 46 36 00-0761	LF	2-1/2" x 10-1/2" Custom Shaped Poplar	76.31	1.82
06 46 36 00-0762	LF	2-1/2" x 11-1/2" Custom Shaped Poplar	83.05	1.93
06 46 36 00-0763	LF	3-1/2" x 3-1/2" Custom Shaped Poplar	41.60	1.48
06 46 36 00-0764	LF	3-1/2" x 4-1/2" Custom Shaped Poplar	50.99	1.48
06 46 36 00-0765	LF	3-1/2" x 5-1/2" Custom Shaped Poplar	60.29	1.59
06 46 36 00-0766	LF	3-1/2" x 6-1/2" Custom Shaped Poplar	69.91	1.71
06 46 36 00-0767	LF	3-1/2" x 7-1/2" Custom Shaped Poplar	79.10	1.71
06 46 36 00-0768	LF	3-1/2" x 8-1/2" Custom Shaped Poplar	88.49	1.82
06 46 36 00-0769	LF	3-1/2" x 9-1/2" Custom Shaped Poplar	97.78	1.82
06 46 36 00-0770	LF	3-1/2" x 10-1/2" Custom Shaped Poplar	107.07	1.82
06 46 36 00-0771	LF	3-1/2" x 11-1/2" Custom Shaped Poplar	116.59	1.93

06 46 36 00-0772 Clear Heart Redwood *(06 46 36)*

06 46 36 00-0773	LF	3/4" x 1-1/2" Custom Shaped Clear Heart Redwood	8.05	1.25
06 46 36 00-0774	LF	3/4" x 2-1/2" Custom Shaped Clear Heart Redwood	10.20	1.25
06 46 36 00-0775	LF	3/4" x 3-1/2" Custom Shaped Clear Heart Redwood	12.35	1.25
06 46 36 00-0776	LF	3/4" x 4-1/2" Custom Shaped Clear Heart Redwood	14.50	1.37
06 46 36 00-0777	LF	3/4" x 5-1/2" Custom Shaped Clear Heart Redwood	16.77	1.37
06 46 36 00-0778	LF	3/4" x 6-1/2" Custom Shaped Clear Heart Redwood	19.04	1.48
06 46 36 00-0779	LF	3/4" x 7-1/2" Custom Shaped Clear Heart Redwood	23.37	1.48
06 46 36 00-0780	LF	3/4" x 8-1/2" Custom Shaped Clear Heart Redwood	25.81	1.48
06 46 36 00-0781	LF	3/4" x 9-1/2" Custom Shaped Clear Heart Redwood	25.94	1.59
06 46 36 00-0782	LF	3/4" x 10-1/2" Custom Shaped Clear Heart Redwood	27.75	1.71
06 46 36 00-0783	LF	1" x 1-1/2" Custom Shaped Clear Heart Redwood	9.74	1.25
06 46 36 00-0784	LF	1" x 2-1/2" Custom Shaped Clear Heart Redwood	12.66	1.25
06 46 36 00-0785	LF	1" x 3-1/2" Custom Shaped Clear Heart Redwood	15.58	1.37
06 46 36 00-0786	LF	1" x 4-1/2" Custom Shaped Clear Heart Redwood	18.49	1.37
06 46 36 00-0787	LF	1" x 5-1/2" Custom Shaped Clear Heart Redwood	21.58	1.48
06 46 36 00-0788	LF	1" x 6-1/2" Custom Shaped Clear Heart Redwood	24.63	1.48
06 46 36 00-0789	LF	1" x 7-1/2" Custom Shaped Clear Heart Redwood	31.34	1.48
06 46 36 00-0790	LF	1" x 8-1/2" Custom Shaped Clear Heart Redwood	34.77	1.59
06 46 36 00-0791	LF	1" x 9-1/2" Custom Shaped Clear Heart Redwood	38.12	1.59
06 46 36 00-0792	LF	1" x 10-1/2" Custom Shaped Clear Heart Redwood	41.68	1.71
06 46 36 00-0793	LF	1-1/2" x 1-1/2" Custom Shaped Clear Heart Redwood	12.87	1.25
06 46 36 00-0794	LF	1-1/2" x 2-1/2" Custom Shaped Clear Heart Redwood	17.26	1.37
06 46 36 00-0795	LF	1-1/2" x 3-1/2" Custom Shaped Clear Heart Redwood	21.64	1.37
06 46 36 00-0796	LF	1-1/2" x 4-1/2" Custom Shaped Clear Heart Redwood	26.03	1.48
06 46 36 00-0797	LF	1-1/2" x 5-1/2" Custom Shaped Clear Heart Redwood	30.44	1.48
06 46 36 00-0798	LF	1-1/2" x 6-1/2" Custom Shaped Clear Heart Redwood	35.17	1.59
06 46 36 00-0799	LF	1-1/2" x 7-1/2" Custom Shaped Clear Heart Redwood	47.30	1.59
06 46 36 00-0800	LF	1-1/2" x 8-1/2" Custom Shaped Clear Heart Redwood	52.70	1.71

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0801	LF	1-1/2" x 9-1/2" Custom Shaped Clear Heart Redwood	62.39	1.71
06 46 36 00-0802	LF	1-1/2" x 10-1/2" Custom Shaped Clear Heart Redwood	68.33	1.82
06 46 36 00-0803	LF	3-1/2" x 3-1/2" Custom Shaped Clear Heart Redwood	66.06	1.48
06 46 36 00-0804	LF	3-1/2" x 4-1/2" Custom Shaped Clear Heart Redwood	81.57	1.48
06 46 36 00-0805	LF	3-1/2" x 5-1/2" Custom Shaped Clear Heart Redwood	96.99	1.59
06 46 36 00-0806	LF	3-1/2" x 6-1/2" Custom Shaped Clear Heart Redwood	112.62	1.71
06 46 36 00-0807	LF	3-1/2" x 7-1/2" Custom Shaped Clear Heart Redwood	128.03	1.71
06 46 36 00-0808	LF	3-1/2" x 8-1/2" Custom Shaped Clear Heart Redwood	143.54	1.82
06 46 36 00-0809	LF	3-1/2" x 9-1/2" Custom Shaped Clear Heart Redwood	158.94	1.82
06 46 36 00-0810	LF	3-1/2" x 10-1/2" Custom Shaped Clear Heart Redwood	174.35	1.82
06 46 36 00-0811	LF	3-1/2" x 11-1/2" Custom Shaped Clear Heart Redwood	189.98	1.93
06 46 36 00-0812		Teak *(06 46 36)*		
06 46 36 00-0813	LF	3/4" x 1-1/2" Custom Shaped Teak	22.69	1.25
06 46 36 00-0814	LF	3/4" x 2-1/2" Custom Shaped Teak	32.16	1.25
06 46 36 00-0815	LF	3/4" x 3-1/2" Custom Shaped Teak	41.62	1.25
06 46 36 00-0816	LF	3/4" x 4-1/2" Custom Shaped Teak	51.09	1.37
06 46 36 00-0817	LF	3/4" x 5-1/2" Custom Shaped Teak	60.68	1.37
06 46 36 00-0818	LF	3/4" x 6-1/2" Custom Shaped Teak	70.27	1.48
06 46 36 00-0819	LF	3/4" x 7-1/2" Custom Shaped Teak	79.73	1.48
06 46 36 00-0820	LF	3/4" x 8-1/2" Custom Shaped Teak	89.22	1.48
06 46 36 00-0821	LF	3/4" x 9-1/2" Custom Shaped Teak	98.62	1.59
06 46 36 00-0822	LF	3/4" x 10-1/2" Custom Shaped Teak	108.24	1.71
06 46 36 00-0823	LF	3/4" x 11-1/2" Custom Shaped Teak	117.76	1.71
06 46 36 00-0824	LF	1-1/2" x 1-1/2" Custom Shaped Teak	52.63	1.25
06 46 36 00-0825	LF	1-1/2" x 2-1/2" Custom Shaped Teak	60.51	1.37
06 46 36 00-0826	LF	1-1/2" x 3-1/2" Custom Shaped Teak	79.31	1.37
06 46 36 00-0827	LF	1-1/2" x 4-1/2" Custom Shaped Teak	98.11	1.48
06 46 36 00-0828	LF	1-1/2" x 5-1/2" Custom Shaped Teak	116.94	1.48
06 46 36 00-0829	LF	1-1/2" x 6-1/2" Custom Shaped Teak	135.43	1.59
06 46 36 00-0830	LF	1-1/2" x 7-1/2" Custom Shaped Teak	154.77	1.59
06 46 36 00-0831	LF	1-1/2" x 8-1/2" Custom Shaped Teak	173.61	1.71
06 46 36 00-0832	LF	1-1/2" x 9-1/2" Custom Shaped Teak	192.36	1.71
06 46 36 00-0833	LF	1-1/2" x 10-1/2" Custom Shaped Teak	211.31	1.82
06 46 36 00-0834	LF	1-1/2" x 11-1/2" Custom Shaped Teak	230.16	1.82
06 46 36 00-0835		Walnut *(06 46 36)*		
06 46 36 00-0836	LF	3/4" x 1-1/2" Custom Shaped Walnut	12.31	1.25
06 46 36 00-0837	LF	3/4" x 2-1/2" Custom Shaped Walnut	16.59	1.25
06 46 36 00-0838	LF	3/4" x 3-1/2" Custom Shaped Walnut	20.87	1.25
06 46 36 00-0839	LF	3/4" x 4-1/2" Custom Shaped Walnut	25.15	1.37
06 46 36 00-0840	LF	3/4" x 5-1/2" Custom Shaped Walnut	29.55	1.37
06 46 36 00-0841	LF	3/4" x 6-1/2" Custom Shaped Walnut	33.95	1.48
06 46 36 00-0842	LF	3/4" x 7-1/2" Custom Shaped Walnut	38.22	1.48
06 46 36 00-0843	LF	3/4" x 8-1/2" Custom Shaped Walnut	42.52	1.48
06 46 36 00-0844	LF	3/4" x 9-1/2" Custom Shaped Walnut	46.74	1.59
06 46 36 00-0845	LF	3/4" x 10-1/2" Custom Shaped Walnut	51.17	1.71
06 46 36 00-0846	LF	3/4" x 11-1/2" Custom Shaped Walnut	55.50	1.71
06 46 36 00-0847	LF	1" x 1-1/2" Custom Shaped Walnut	14.77	1.25
06 46 36 00-0848	LF	1" x 2-1/2" Custom Shaped Walnut	20.25	1.25
06 46 36 00-0849	LF	1" x 3-1/2" Custom Shaped Walnut	25.68	1.37
06 46 36 00-0850	LF	1" x 4-1/2" Custom Shaped Walnut	31.16	1.37
06 46 36 00-0851	LF	1" x 5-1/2" Custom Shaped Walnut	36.71	1.48
06 46 36 00-0852	LF	1" x 6-1/2" Custom Shaped Walnut	42.32	1.48
06 46 36 00-0853	LF	1" x 7-1/2" Custom Shaped Walnut	47.73	1.48
06 46 36 00-0854	LF	1" x 8-1/2" Custom Shaped Walnut	53.23	1.59
06 46 36 00-0855	LF	1" x 9-1/2" Custom Shaped Walnut	58.60	1.59
06 46 36 00-0856	LF	1" x 10-1/2" Custom Shaped Walnut	64.24	1.71
06 46 36 00-0857	LF	1" x 11-1/2" Custom Shaped Walnut	69.70	1.71
06 46 36 00-0858	LF	1-1/4" x 1-1/2" Custom Shaped Walnut	18.17	1.25
06 46 36 00-0859	LF	1-1/4" x 2-1/2" Custom Shaped Walnut	25.29	1.25
06 46 36 00-0860	LF	1-1/4" x 3-1/2" Custom Shaped Walnut	32.34	1.37
06 46 36 00-0861	LF	1-1/4" x 4-1/2" Custom Shaped Walnut	39.46	1.37
06 46 36 00-0862	LF	1-1/4" x 5-1/2" Custom Shaped Walnut	46.66	1.48
06 46 36 00-0863	LF	1-1/4" x 6-1/2" Custom Shaped Walnut	53.90	1.48
06 46 36 00-0864	LF	1-1/4" x 7-1/2" Custom Shaped Walnut	60.94	1.59
06 46 36 00-0865	LF	1-1/4" x 8-1/2" Custom Shaped Walnut	68.09	1.59
06 46 36 00-0866	LF	1-1/4" x 9-1/2" Custom Shaped Walnut	75.09	1.59
06 46 36 00-0867	LF	1-1/4" x 10-1/2" Custom Shaped Walnut	82.37	1.71
06 46 36 00-0868	LF	1-1/4" x 11-1/2" Custom Shaped Walnut	89.48	1.82
06 46 36 00-0869	LF	1-1/2" x 1-1/2" Custom Shaped Walnut	24.67	1.25
06 46 36 00-0870	LF	1-1/2" x 2-1/2" Custom Shaped Walnut	34.95	1.37
06 46 36 00-0871	LF	1-1/2" x 3-1/2" Custom Shaped Walnut	45.23	1.37
06 46 36 00-0872	LF	1-1/2" x 4-1/2" Custom Shaped Walnut	55.52	1.48
06 46 36 00-0873	LF	1-1/2" x 5-1/2" Custom Shaped Walnut	65.83	1.48
06 46 36 00-0874	LF	1-1/2" x 6-1/2" Custom Shaped Walnut	76.34	1.59
06 46 36 00-0875	LF	1-1/2" x 7-1/2" Custom Shaped Walnut	86.62	1.59
06 46 36 00-0876	LF	1-1/2" x 8-1/2" Custom Shaped Walnut	96.94	1.71
06 46 36 00-0877	LF	1-1/2" x 9-1/2" Custom Shaped Walnut	108.26	1.71

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0878	LF	1-1/2" x 10-1/2" Custom Shaped Walnut	117.59	1.82
06 46 36 00-0879	LF	1-1/2" x 11-1/2" Custom Shaped Walnut	127.93	1.82
06 46 36 00-0880	LF	2" x 1-1/2" Custom Shaped Walnut	41.58	1.37
06 46 36 00-0881	LF	2" x 2-1/2" Custom Shaped Walnut	60.26	1.37
06 46 36 00-0882	LF	2" x 3-1/2" Custom Shaped Walnut	78.94	1.37
06 46 36 00-0883	LF	2" x 4-1/2" Custom Shaped Walnut	97.73	1.48
06 46 36 00-0884	LF	2" x 5-1/2" Custom Shaped Walnut	116.42	1.48
06 46 36 00-0885	LF	2" x 6-1/2" Custom Shaped Walnut	135.32	1.59
06 46 36 00-0886	LF	2" x 7-1/2" Custom Shaped Walnut	154.00	1.59
06 46 36 00-0887	LF	2" x 8-1/2" Custom Shaped Walnut	172.80	1.71
06 46 36 00-0888	LF	2" x 9-1/2" Custom Shaped Walnut	191.48	1.71
06 46 36 00-0889	LF	2" x 10-1/2" Custom Shaped Walnut	210.16	1.82
06 46 36 00-0890	LF	2" x 11-1/2" Custom Shaped Walnut	229.08	1.93
06 46 36 00-0891	LF	2-1/2" x 1-1/2" Custom Shaped Walnut	52.07	1.37
06 46 36 00-0892	LF	2-1/2" x 2-1/2" Custom Shaped Walnut	75.94	1.37
06 46 36 00-0893	LF	2-1/2" x 3-1/2" Custom Shaped Walnut	99.81	1.48
06 46 36 00-0894	LF	2-1/2" x 4-1/2" Custom Shaped Walnut	123.78	1.48
06 46 36 00-0895	LF	2-1/2" x 5-1/2" Custom Shaped Walnut	147.65	1.48
06 46 36 00-0896	LF	2-1/2" x 6-1/2" Custom Shaped Walnut	171.75	1.59
06 46 36 00-0897	LF	2-1/2" x 7-1/2" Custom Shaped Walnut	195.62	1.71
06 46 36 00-0898	LF	2-1/2" x 8-1/2" Custom Shaped Walnut	219.60	1.71
06 46 36 00-0899	LF	2-1/2" x 9-1/2" Custom Shaped Walnut	243.48	1.82
06 46 36 00-0900	LF	2-1/2" x 10-1/2" Custom Shaped Walnut	267.34	1.82
06 46 36 00-0901	LF	2-1/2" x 11-1/2" Custom Shaped Walnut	291.45	1.93

06 48 Wood Frames *(06 40)*

Note: Includes perimeter caulk, sealant (as required), anchors and silencers.

06 48 13 Exterior Wood Door Frames *(06 48)*

06 48 13 00-0001 Exterior Door Frames *(06 48 13)*

Note: 6'-8" and 7'-2" frames are the same price as 7' frames. Custom made with threshold, includes all trim molding, up to 8" depth.

06 48 13 00-0002	EA	3' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim	320.98	64.58
		For Birch, Add	*67.18*	
		For Mahogany, Add	*163.16*	
06 48 13 00-0003	EA	3'-6" x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim	337.55	67.67
		For Birch, Add	*70.98*	
		For Mahogany, Add	*172.39*	
06 48 13 00-0004	EA	4' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim	354.14	70.31
		For Birch, Add	*74.78*	
		For Mahogany, Add	*181.61*	
06 48 13 00-0005	EA	5' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim	385.90	75.24
		For Birch, Add	*82.37*	
		For Mahogany, Add	*200.04*	
06 48 13 00-0006	EA	6' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim	418.34	80.63
		For Birch, Add	*89.97*	
		For Mahogany, Add	*218.49*	
06 48 13 00-0007	EA	3' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	482.17	64.80
06 48 13 00-0008	EA	3'-6" x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	490.82	67.67
06 48 13 00-0009	EA	4' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	499.44	70.54
06 48 13 00-0010	EA	5' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	514.48	75.12
06 48 13 00-0011	EA	6' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	531.91	80.86
06 48 13 00-0012	EA	3' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	376.57	64.80
06 48 13 00-0013	EA	3'-6" x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	394.76	67.67
06 48 13 00-0014	EA	4' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	413.04	70.54
06 48 13 00-0015	EA	5' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	447.12	75.12
06 48 13 00-0016	EA	6' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	483.50	80.86

06 48 16 Interior Wood Door Frames *(06 48)*

06 48 16 00-0001 Interior Door Frames *(06 48 16)*

Note: 6'-8" and 7'-2" frames are the same price as 7' frames. Custom made, includes all trim molding.

06 48 16 00-0002	EA	2'-0" Or 2'-4" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	160.80	30.73
		For Oak Or Maple, Add	*30.80*	
		For Birch, Add	*34.77*	
		For Mahogany, Add	*84.45*	
		For Walnut Frame, Add	*44.71*	
06 48 16 00-0003	EA	2'-6" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	161.92	30.86
		For Oak Or Maple, Add	*31.06*	
		For Birch, Add	*35.06*	
		For Mahogany, Add	*85.15*	
		For Walnut Frame, Add	*45.08*	
06 48 16 00-0004	EA	2'-8" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	163.88	31.43
		For Oak Or Maple, Add	*31.29*	
		For Birch, Add	*35.33*	
		For Mahogany, Add	*85.80*	
		For Walnut Frame, Add	*45.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 48 16 00-0005	EA	3' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	166.46	32.23
		For Oak Or Maple, Add	*31.60*	
		For Birch, Add	*35.68*	
		For Mahogany, Add	*86.65*	
		For Walnut Frame, Add	*45.87*	
06 48 16 00-0006	EA	3'-4" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	170.26	33.03
		For Oak Or Maple, Add	*32.27*	
		For Birch, Add	*36.43*	
		For Mahogany, Add	*88.48*	
		For Walnut Frame, Add	*46.84*	
06 48 16 00-0007	EA	4' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	179.84	35.09
		For Oak Or Maple, Add	*33.97*	
		For Birch, Add	*38.36*	
		For Mahogany, Add	*93.15*	
		For Walnut Frame, Add	*49.32*	
06 48 16 00-0008	EA	5' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	191.11	37.97
		For Oak Or Maple, Add	*35.69*	
		For Birch, Add	*40.29*	
		For Mahogany, Add	*97.85*	
		For Walnut Frame, Add	*51.80*	
06 48 16 00-0009	EA	6' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	201.26	40.38
		For Oak Or Maple, Add	*37.39*	
		For Birch, Add	*42.22*	
		For Mahogany, Add	*102.53*	
		For Walnut Frame, Add	*54.28*	
06 48 16 00-0010	LF	4-9/16", Pine Interior Door Frame	7.33	2.75
		For Oak Or Maple, Add	*0.56*	
		For Birch, Add	*0.64*	
		For Mahogany, Add	*1.55*	
		For Walnut Frame, Add	*0.82*	

06 50 Structural Plastics *(06)*

06 51 Structural Plastic Shapes and Plates *(06 50)*

06 51 13 Plastic Lumber *(06 51)*

06 51 13 00-0001 Beams And Girders, Recycled Plastic Lumber *(06 51 13)*

06 51 13 00-0002	LF	2" x 6", Beam Or Girder, Recycled Plastic Lumber	13.41	1.85
		For Reinforced Structural Plastic Lumber, Add	*3.98*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.65*	
		For White Color, Add	*1.35*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*2.80*	
		For >750, Deduct	*-0.97*	
06 51 13 00-0003	LF	2" x 8", Beam Or Girder, Recycled Plastic Lumber	17.20	2.01
		For Reinforced Structural Plastic Lumber, Add	*5.30*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.86*	
		For White Color, Add	*1.79*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*3.72*	
		For >750, Deduct	*-1.29*	
06 51 13 00-0004	LF	2" x 10", Beam Or Girder, Recycled Plastic Lumber	20.62	2.16
		For Reinforced Structural Plastic Lumber, Add	*6.49*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*1.05*	
		For White Color, Add	*2.19*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*4.56*	
		For >750, Deduct	*-1.58*	
06 51 13 00-0005	LF	3" x 10", Beam Or Girder, Recycled Plastic Lumber	30.25	2.57
		For Reinforced Structural Plastic Lumber, Add	*9.83*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*1.59*	
		For White Color, Add	*3.32*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*6.91*	
		For >750, Deduct	*-2.39*	
06 51 13 00-0006	LF	3" x 12", Beam Or Girder, Recycled Plastic Lumber	36.27	2.89
		For Reinforced Structural Plastic Lumber, Add	*11.89*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*1.93*	
		For White Color, Add	*4.02*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*8.35*	
		For >750, Deduct	*-2.89*	
06 51 13 00-0007	LF	4" x 4", Beam Or Girder, Recycled Plastic Lumber	19.37	2.49
		For Reinforced Structural Plastic Lumber, Add	*5.85*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.95*	
		For White Color, Add	*1.98*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*4.11*	
		For >500, Deduct	*-1.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 13 00-0008	LF	4" x 6", Beam Or Girder, Recycled Plastic Lumber	26.25	2.65
		For Reinforced Structural Plastic Lumber, Add	*8.31*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*1.35*	
		For White Color, Add	*2.81*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*5.84*	
		For >500, Deduct	*-2.25*	
06 51 13 00-0009	LF	5" x 5", Beam Or Girder, Recycled Plastic Lumber	27.32	2.73
		For Reinforced Structural Plastic Lumber, Add	*8.67*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*1.41*	
		For White Color, Add	*2.93*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*6.09*	
		For >500, Deduct	*-2.34*	
06 51 13 00-0010	LF	6" x 6", Beam Or Girder, Recycled Plastic Lumber	37.87	2.97
		For Reinforced Structural Plastic Lumber, Add	*12.44*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*2.02*	
		For White Color, Add	*4.20*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*8.74*	
		For >500, Deduct	*-3.36*	
06 51 13 00-0011	LF	6" x 8", Beam Or Girder, Recycled Plastic Lumber	51.85	3.13
		For Reinforced Structural Plastic Lumber, Add	*17.53*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*2.84*	
		For White Color, Add	*5.92*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*12.32*	
		For >500, Deduct	*-4.74*	

06 51 13 00-0012 Joists, Recycled Plastic Lumber *(06 51 13)*

06 51 13 00-0013	LF	2" x 4", Joist, Recycled Plastic Lumber	8.75	1.04
		For Reinforced Structural Plastic Lumber, Add	*2.69*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.44*	
		For White Color, Add	*0.91*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*1.89*	
		For >750, Deduct	*-0.65*	
06 51 13 00-0014	LF	2" x 6", Joist, Recycled Plastic Lumber	12.26	1.09
		For Reinforced Structural Plastic Lumber, Add	*3.98*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.65*	
		For White Color, Add	*1.35*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*2.80*	
		For >750, Deduct	*-0.97*	
06 51 13 00-0015	LF	2" x 8", Joist, Recycled Plastic Lumber	16.04	1.21
		For Reinforced Structural Plastic Lumber, Add	*5.30*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.86*	
		For White Color, Add	*1.79*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*3.72*	
		For >750, Deduct	*-1.29*	
06 51 13 00-0016	LF	2" x 10", Joist, Recycled Plastic Lumber	19.59	1.44
		For Reinforced Structural Plastic Lumber, Add	*6.49*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*1.05*	
		For White Color, Add	*2.19*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*4.56*	
		For >750, Deduct	*-1.58*	
06 51 13 00-0017	LF	3" x 10", Joist, Recycled Plastic Lumber	28.99	1.69
		For Reinforced Structural Plastic Lumber, Add	*9.83*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*1.59*	
		For White Color, Add	*3.32*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*6.91*	
		For >750, Deduct	*-2.39*	
06 51 13 00-0018	LF	3" x 12", Joist, Recycled Plastic Lumber	35.23	2.16
		For Reinforced Structural Plastic Lumber, Add	*11.89*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*1.93*	
		For White Color, Add	*4.02*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*8.35*	
		For >750, Deduct	*-2.89*	
06 51 13 00-0019	LF	4" x 4", Joist, Recycled Plastic Lumber	17.98	1.52
		For Reinforced Structural Plastic Lumber, Add	*5.85*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.95*	
		For White Color, Add	*1.98*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*4.11*	
		For >500, Deduct	*-1.58*	
06 51 13 00-0020	LF	4" x 6", Joist, Recycled Plastic Lumber	24.76	1.61
		For Reinforced Structural Plastic Lumber, Add	*8.31*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*1.35*	
		For White Color, Add	*2.81*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*5.84*	
		For >500, Deduct	*-2.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 13 00-0021	LF	5" x 5", Joist, Recycled Plastic Lumber	25.94	1.77
		For Reinforced Structural Plastic Lumber, Add	*8.67*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*1.41*	
		For White Color, Add	*2.93*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*6.09*	
		For >500, Deduct	*-2.34*	
06 51 13 00-0022	LF	6" x 6", Joist, Recycled Plastic Lumber	36.49	2.01
		For Reinforced Structural Plastic Lumber, Add	*12.44*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*2.02*	
		For White Color, Add	*4.20*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*8.74*	
		For >500, Deduct	*-3.36*	
06 51 13 00-0023	LF	6" x 8", Joist, Recycled Plastic Lumber	50.47	2.16
		For Reinforced Structural Plastic Lumber, Add	*17.53*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*2.84*	
		For White Color, Add	*5.92*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*12.32*	
		For >500, Deduct	*-4.74*	
06 51 13 00-0024		**Columns, Recycled Plastic Lumber** *(06 51 13)*		
06 51 13 00-0025	LF	4" x 4", Column, Recycled Plastic Lumber	20.51	3.29
		For Reinforced Structural Plastic Lumber, Add	*5.85*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.95*	
		For White Color, Add	*1.98*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*4.11*	
		For >500, Deduct	*-1.58*	
06 51 13 00-0026	LF	4" x 6", Column, Recycled Plastic Lumber	29.11	4.65
		For Reinforced Structural Plastic Lumber, Add	*8.31*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*1.35*	
		For White Color, Add	*2.81*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*5.84*	
		For >500, Deduct	*-2.25*	
06 51 13 00-0027	LF	5" x 5", Column, Recycled Plastic Lumber	30.88	5.22
		For Reinforced Structural Plastic Lumber, Add	*8.67*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*1.41*	
		For White Color, Add	*2.93*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*6.09*	
		For >500, Deduct	*-2.34*	
06 51 13 00-0028	LF	6" x 6", Column, Recycled Plastic Lumber	42.10	5.94
		For Reinforced Structural Plastic Lumber, Add	*12.44*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*2.02*	
		For White Color, Add	*4.20*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*8.74*	
		For >500, Deduct	*-3.36*	
06 51 13 00-0029	LF	6" x 8", Column, Recycled Plastic Lumber	57.80	7.31
		For Reinforced Structural Plastic Lumber, Add	*17.53*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*2.84*	
		For White Color, Add	*5.92*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*12.32*	
		For >500, Deduct	*-4.74*	
06 51 13 00-0030		**Walls, Recycled Plastic Lumber** *(06 51 13)*		
06 51 13 00-0031	LF	2" x 3", Walls, Recycled Plastic Lumber	7.84	1.04
		For Reinforced Structural Plastic Lumber, Add	*2.35*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.38*	
		For White Color, Add	*0.79*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*1.65*	
		For >750, Deduct	*-0.57*	
06 51 13 00-0032	LF	2" x 4", Walls, Recycled Plastic Lumber	8.99	1.21
		For Reinforced Structural Plastic Lumber, Add	*2.69*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.44*	
		For White Color, Add	*0.91*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*1.89*	
		For >750, Deduct	*-0.65*	
06 51 13 00-0033	LF	2" x 6", Walls, Recycled Plastic Lumber	12.61	1.28
		For Reinforced Structural Plastic Lumber, Add	*3.98*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.65*	
		For White Color, Add	*1.35*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*2.80*	
		For >750, Deduct	*-0.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 13 00-0034	LF	2" x 8", Walls, Recycled Plastic Lumber	16.26	1.36
		For Reinforced Structural Plastic Lumber, Add	*5.30*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.86*	
		For White Color, Add	*1.79*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*3.72*	
		For >750, Deduct	*-1.29*	
06 51 13 00-0035		Other Shapes, Recycled Plastic Lumber *(06 51 13)*		
06 51 13 00-0036	LF	5/4" x 4", Other Shapes, Recycled Plastic Lumber	7.66	0.91
		For Reinforced Structural Plastic Lumber, Add	*2.32*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.38*	
		For White Color, Add	*0.78*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*1.63*	
		For Grooved Edge Deck Boards With Hidden Fasteners, Add	*0.40*	
		For >750, Deduct	*-0.56*	
06 51 13 00-0037	LF	5/4" x 6", Other Shapes, Recycled Plastic Lumber	9.79	1.04
		For Reinforced Structural Plastic Lumber, Add	*3.07*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.50*	
		For White Color, Add	*1.04*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*2.16*	
		For Grooved Edge Deck Boards With Hidden Fasteners, Add	*0.40*	
		For >750, Deduct	*-0.75*	
06 51 13 00-0038	LF	5/4" x 8", Other Shapes, Recycled Plastic Lumber	12.88	1.04
		For Reinforced Structural Plastic Lumber, Add	*4.21*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.68*	
		For White Color, Add	*1.42*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*2.96*	
		For Grooved Edge Deck Boards With Hidden Fasteners, Add	*0.40*	
		For >750, Deduct	*-1.03*	
06 51 13 00-0039	LF	1" x 4", Other Shapes, Recycled Plastic Lumber	7.70	0.91
		For Reinforced Structural Plastic Lumber, Add	*2.33*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.38*	
		For White Color, Add	*0.79*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*1.64*	
		For Grooved Edge Deck Boards With Hidden Fasteners, Add	*0.40*	
		For >750, Deduct	*-0.57*	
06 51 13 00-0040	LF	1" x 6", Other Shapes, Recycled Plastic Lumber	8.53	1.04
		For Reinforced Structural Plastic Lumber, Add	*2.60*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.42*	
		For White Color, Add	*0.88*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*1.83*	
		For Grooved Edge Deck Boards With Hidden Fasteners, Add	*0.40*	
		For >750, Deduct	*-0.63*	
06 51 13 00-0041	LF	1" x 6", Tongue And Grooved, Other Shapes, Recycled Plastic Lumber	8.69	1.04
		For Reinforced Structural Plastic Lumber, Add	*2.66*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.43*	
		For White Color, Add	*0.90*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*1.87*	
		For >750, Deduct	*-0.65*	
06 51 13 00-0042	LF	2" x 2", Other Shapes, Recycled Plastic Lumber	5.28	0.88
		For Reinforced Structural Plastic Lumber, Add	*1.48*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.24*	
		For White Color, Add	*0.50*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*1.04*	
		For >750, Deduct	*-0.36*	
06 51 13 00-0043	LF	2" x 3", Other Shapes, Recycled Plastic Lumber	7.84	1.04
		For Reinforced Structural Plastic Lumber, Add	*2.35*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.38*	
		For White Color, Add	*0.79*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*1.65*	
		For >750, Deduct	*-0.57*	
06 51 13 00-0044	LF	2" x 4", Other Shapes, Recycled Plastic Lumber	8.99	1.21
		For Reinforced Structural Plastic Lumber, Add	*2.69*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.44*	
		For White Color, Add	*0.91*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*1.89*	
		For >750, Deduct	*-0.65*	
06 51 13 00-0045	LF	2" x 6", Other Shapes, Recycled Plastic Lumber	12.61	1.28
		For Reinforced Structural Plastic Lumber, Add	*3.98*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.65*	
		For White Color, Add	*1.35*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*2.80*	
		For >750, Deduct	*-0.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 13 00-0046	LF	2" x 8", Other Shapes, Recycled Plastic Lumber	16.26	1.36
		For Reinforced Structural Plastic Lumber, Add	*5.30*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.86*	
		For White Color, Add	*1.79*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*3.72*	
		For >750, Deduct	*-1.29*	
06 51 13 00-0047	LF	2" x 10", Other Shapes, Recycled Plastic Lumber	19.59	1.44
		For Reinforced Structural Plastic Lumber, Add	*6.49*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*1.05*	
		For White Color, Add	*2.19*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*4.56*	
		For >750, Deduct	*-1.58*	
06 51 13 00-0048	LF	2" x 12", Other Shapes, Recycled Plastic Lumber	23.72	1.52
		For Reinforced Structural Plastic Lumber, Add	*7.98*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*1.29*	
		For White Color, Add	*2.70*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*5.61*	
		For >750, Deduct	*-1.94*	
06 51 13 00-0049	LF	3" x 4", Other Shapes, Recycled Plastic Lumber	12.94	1.40
		For Reinforced Structural Plastic Lumber, Add	*4.04*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.66*	
		For White Color, Add	*1.37*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*2.84*	
		For >750, Deduct	*-0.98*	
06 51 13 00-0050	LF	3" x 6", Other Shapes, Recycled Plastic Lumber	19.10	1.50
		For Reinforced Structural Plastic Lumber, Add	*6.28*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*1.02*	
		For White Color, Add	*2.12*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*4.41*	
		For >750, Deduct	*-1.53*	
06 51 13 00-0051	LF	3" x 8", Other Shapes, Recycled Plastic Lumber	24.97	1.61
		For Reinforced Structural Plastic Lumber, Add	*8.40*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*1.36*	
		For White Color, Add	*2.84*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*5.90*	
		For >750, Deduct	*-2.04*	
06 51 13 00-0052	LF	3" x 10", Other Shapes, Recycled Plastic Lumber	28.99	1.69
		For Reinforced Structural Plastic Lumber, Add	*9.83*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*1.59*	
		For White Color, Add	*3.32*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*6.91*	
		For >750, Deduct	*-2.39*	
06 51 13 00-0053	LF	3" x 12", Other Shapes, Recycled Plastic Lumber	35.23	2.16
		For Reinforced Structural Plastic Lumber, Add	*11.89*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*1.93*	
		For White Color, Add	*4.02*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*8.35*	
		For >750, Deduct	*-2.89*	
06 51 13 00-0054	LF	4" x 4", Other Shapes, Recycled Plastic Lumber	17.98	1.52
		For Reinforced Structural Plastic Lumber, Add	*5.85*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.95*	
		For White Color, Add	*1.98*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*4.11*	
		For >500, Deduct	*-1.58*	
06 51 13 00-0055	LF	4" x 6", Other Shapes, Recycled Plastic Lumber	24.76	1.61
		For Reinforced Structural Plastic Lumber, Add	*8.31*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*1.35*	
		For White Color, Add	*2.81*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*5.84*	
		For >500, Deduct	*-2.25*	
06 51 13 00-0056	LF	4" x 8", Other Shapes, Recycled Plastic Lumber	33.37	1.75
		For Reinforced Structural Plastic Lumber, Add	*11.43*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*1.85*	
		For White Color, Add	*3.86*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*8.03*	
		For >500, Deduct	*-3.09*	
06 51 13 00-0057	LF	5" x 5", Other Shapes, Recycled Plastic Lumber	25.94	1.77
		For Reinforced Structural Plastic Lumber, Add	*8.67*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*1.41*	
		For White Color, Add	*2.93*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*6.09*	
		For >500, Deduct	*-2.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 13 00-0058	LF	6" x 6", Other Shapes, Recycled Plastic Lumber	36.49	2.01
		For Reinforced Structural Plastic Lumber, Add	*12.44*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*2.02*	
		For White Color, Add	*4.20*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*8.74*	
		For >500, Deduct	*-3.36*	
06 51 13 00-0059	LF	6" x 8", Other Shapes, Recycled Plastic Lumber	50.47	2.16
		For Reinforced Structural Plastic Lumber, Add	*17.53*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*2.84*	
		For White Color, Add	*5.92*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*12.32*	
		For >500, Deduct	*-4.74*	
06 51 13 00-0060	LF	6" x 12", Other Shapes, Recycled Plastic Lumber	71.41	2.41
		For Reinforced Structural Plastic Lumber, Add	*25.15*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*4.08*	
		For White Color, Add	*8.50*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*17.67*	
		For >500, Deduct	*-6.80*	
06 51 13 00-0061	LF	8" x 8", Other Shapes, Recycled Plastic Lumber	63.46	2.32
		For Reinforced Structural Plastic Lumber, Add	*22.26*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*3.61*	
		For White Color, Add	*7.52*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*15.64*	
		For >500, Deduct	*-6.02*	
06 51 13 00-0062	LF	8" x 10", Other Shapes, Recycled Plastic Lumber	108.76	2.41
		For Reinforced Structural Plastic Lumber, Add	*38.97*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*6.32*	
		For White Color, Add	*13.17*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*27.38*	
		For >500, Deduct	*-10.53*	
06 51 13 00-0063	LF	10" x 10", Other Shapes, Recycled Plastic Lumber	151.07	2.52
		For Reinforced Structural Plastic Lumber, Add	*54.57*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*8.85*	
		For White Color, Add	*18.44*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*38.34*	
		For >500, Deduct	*-14.75*	
06 51 13 00-0064	LF	2" Diameter, Other Shapes, Recycled Plastic Lumber	5.69	0.80
		For Reinforced Structural Plastic Lumber, Add	*1.68*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.27*	
		For White Color, Add	*0.57*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*1.18*	
06 51 13 00-0065	LF	3-1/2" Diameter, Other Shapes, Recycled Plastic Lumber	16.61	1.04
		For Reinforced Structural Plastic Lumber, Add	*5.59*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*0.91*	
		For White Color, Add	*1.89*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*3.93*	
06 51 13 00-0066	LF	4" Diameter, Other Shapes, Recycled Plastic Lumber	18.31	1.21
		For Reinforced Structural Plastic Lumber, Add	*6.14*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*1.00*	
		For White Color, Add	*2.07*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*4.31*	
06 51 13 00-0067	LF	5" Diameter, Other Shapes, Recycled Plastic Lumber	22.68	1.44
		For Reinforced Structural Plastic Lumber, Add	*7.63*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*1.24*	
		For White Color, Add	*2.58*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*5.36*	
06 51 13 00-0068	LF	6" Diameter, Other Shapes, Recycled Plastic Lumber	50.53	1.69
		For Reinforced Structural Plastic Lumber, Add	*17.80*	
		Note: High-density polyethylene combined with fiberglass.		
		For Brown Color With Wood Grain, Add	*2.89*	
		For White Color, Add	*6.02*	
		For Premium Colors (Except Gray, Black, Brown Or White), Add	*12.51*	
06 51 13 00-0069	SF	1/8" Thick, Other Shapes, Recycled Plastic Sheeting	4.55	0.88
06 51 13 00-0070	SF	1/4" Thick, Other Shapes, Recycled Plastic Sheeting	6.73	0.91
06 51 13 00-0071	SF	3/8" Thick, Other Shapes, Recycled Plastic Sheeting	9.80	0.98
06 51 13 00-0072	SF	1/2" Thick, Other Shapes, Recycled Plastic Sheeting	12.55	1.01

06 51 23 Plastic Channel and Shapes *(06 51)*

06 51 23 00-0001 Channel *(06 51 23)*

06 51 23 00-0002	LF	1-5/8" x 1-5/8" Plastic Polyester Channel (B-Line BFP22)	19.60	2.58
06 51 23 00-0003	LF	1-5/8" x 1-5/8" Plastic Polyester Channel (B-Line BFP22H1-7/8)	35.54	2.58
06 51 23 00-0004	LF	1-5/8" x 1-5/8" Plastic Polyester Channel (B-Line BFP22SH)	35.54	2.58
06 51 23 00-0005	LF	1-5/8" x 1-5/8" Plastic Polyester Channel (B-Line BFP22A)	46.16	2.58
06 51 23 00-0006	LF	1-5/8" x 1-5/8" Vinyl Ester Resin Channel (B-Line BFV22)	24.28	2.58

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 23 00-0007	LF	1-5/8" x 1-5/8" Vinyl Ester Resin Channel (B-Line BFV22H1-7/8)	40.43	2.58
06 51 23 00-0008	LF	1-5/8" x 1-5/8" Vinyl Ester Resin Channel (B-Line BFV22SH)	40.43	2.58
06 51 23 00-0009	LF	1-5/8" x 1-5/8" Vinyl Ester Resin Channel (B-Line BFV22A)	50.63	2.58
06 51 23 00-0010	LF	1-5/8" x 1" Plastic Polyester Channel (B-Line BFP42)	19.81	2.58
06 51 23 00-0011	LF	1-5/8" x 1" Plastic Polyester Channel (B-Line BFP42H1-7/8)	31.08	2.58
06 51 23 00-0012	LF	1-5/8" x 1" Plastic Polyester Channel (B-Line BFP42SH)	31.08	2.58
06 51 23 00-0013	LF	1-5/8" x 1" Plastic Polyester Channel (B-Line BFP42A)	41.70	2.58
06 51 23 00-0014	LF	1-5/8" x 1" Vinyl Ester Resin Channel (B-Line BFV42)	23.85	2.58
06 51 23 00-0015	LF	1-5/8" x 1" Vinyl Ester Resin Channel (B-Line BFV42H1-7/8)	35.54	2.58
06 51 23 00-0016	LF	1-5/8" x 1" Vinyl Ester Resin Channel (B-Line BFV42SH)	35.54	2.58
06 51 23 00-0017	LF	1-5/8" x 1" Vinyl Ester Resin Channel (B-Line BFV42A)	43.61	2.58

06 51 33 Carbon Fiber Plates *(06 51)*

06 51 33 00-0001 Carbon Fiber Plates *(06 51 33)*

Note: Outer Material: 2x2 Twill Carbon Fiber Prepreg, Inner Material: 0/90 (Balanced) Unidirectional Carbon Fiber Prepreg, Exterior Finish: Matte/Matte

06 51 33 00-0002	EA	6" x 6", 0.039" Thickness, Carbon Fiber Plates	19.90
06 51 33 00-0003	EA	6" x 12", 0.039" Thickness, Carbon Fiber Plates	31.42
06 51 33 00-0004	EA	6" x 24", 0.039" Thickness, Carbon Fiber Plates	54.32
06 51 33 00-0005	EA	12" x 12", 0.039" Thickness, Carbon Fiber Plates	54.32
06 51 33 00-0006	EA	12" x 24", 0.039" Thickness, Carbon Fiber Plates	96.96
06 51 33 00-0007	EA	12" x 48", 0.039" Thickness, Carbon Fiber Plates	179.98
06 51 33 00-0008	EA	24" x 24", 0.039" Thickness, Carbon Fiber Plates	180.56
06 51 33 00-0009	EA	24" x 48", 0.039" Thickness, Carbon Fiber Plates	344.10
06 51 33 00-0010	EA	38" x 48", 0.039" Thickness, Carbon Fiber Plates	516.60
06 51 33 00-0011	EA	38" x 96", 0.039" Thickness, Carbon Fiber Plates	1,029.41
06 51 33 00-0012	EA	6" x 6", 1/16" Thickness, Carbon Fiber Plates	24.96
06 51 33 00-0013	EA	6" x 12", 1/16" Thickness, Carbon Fiber Plates	44.08
06 51 33 00-0014	EA	6" x 24", 1/16" Thickness, Carbon Fiber Plates	75.84
06 51 33 00-0015	EA	12" x 12", 1/16" Thickness, Carbon Fiber Plates	75.84
06 51 33 00-0016	EA	12" x 24", 1/16" Thickness, Carbon Fiber Plates	134.94
06 51 33 00-0017	EA	12" x 48", 1/16" Thickness, Carbon Fiber Plates	254.68
06 51 33 00-0018	EA	24" x 24", 1/16" Thickness, Carbon Fiber Plates	255.26
06 51 33 00-0019	EA	24" x 48", 1/16" Thickness, Carbon Fiber Plates	483.36
06 51 33 00-0020	EA	38" x 48", 1/16" Thickness, Carbon Fiber Plates	731.82
06 51 33 00-0021	EA	38" x 96", 1/16" Thickness, Carbon Fiber Plates	1,459.85
06 51 33 00-0022	EA	6" x 6", 0.079" Thickness, Carbon Fiber Plates	30.03
06 51 33 00-0023	EA	6" x 12", 0.079" Thickness, Carbon Fiber Plates	49.15
06 51 33 00-0024	EA	6" x 24", 0.079" Thickness, Carbon Fiber Plates	87.24
06 51 33 00-0025	EA	12" x 12", 0.079" Thickness, Carbon Fiber Plates	87.24
06 51 33 00-0026	EA	12" x 24", 0.079" Thickness, Carbon Fiber Plates	174.19
06 51 33 00-0027	EA	12" x 48", 0.079" Thickness, Carbon Fiber Plates	333.17
06 51 33 00-0028	EA	24" x 24", 0.079" Thickness, Carbon Fiber Plates	333.75
06 51 33 00-0029	EA	24" x 48", 0.079" Thickness, Carbon Fiber Plates	552.99
06 51 33 00-0030	EA	38" x 48", 0.079" Thickness, Carbon Fiber Plates	840.70
06 51 33 00-0031	EA	38" x 96", 0.079" Thickness, Carbon Fiber Plates	1,666.21
06 51 33 00-0032	EA	6" x 6", 3/32" Thickness, Carbon Fiber Plates	33.83
06 51 33 00-0033	EA	6" x 12", 3/32" Thickness, Carbon Fiber Plates	58.01
06 51 33 00-0034	EA	6" x 24", 3/32" Thickness, Carbon Fiber Plates	96.10
06 51 33 00-0035	EA	12" x 12", 3/32" Thickness, Carbon Fiber Plates	96.10
06 51 33 00-0036	EA	12" x 24", 3/32" Thickness, Carbon Fiber Plates	176.72
06 51 33 00-0037	EA	12" x 48", 3/32" Thickness, Carbon Fiber Plates	331.90
06 51 33 00-0038	EA	24" x 24", 3/32" Thickness, Carbon Fiber Plates	332.48
06 51 33 00-0039	EA	24" x 48", 3/32" Thickness, Carbon Fiber Plates	635.28
06 51 33 00-0040	EA	38" x 48", 3/32" Thickness, Carbon Fiber Plates	960.97
06 51 33 00-0041	EA	38" x 96", 3/32" Thickness, Carbon Fiber Plates	1,915.61
06 51 33 00-0042	EA	6" x 6", 0.119" Thickness, Carbon Fiber Plates	38.89
06 51 33 00-0043	EA	6" x 12", 0.119" Thickness, Carbon Fiber Plates	70.67
06 51 33 00-0044	EA	6" x 24", 0.119" Thickness, Carbon Fiber Plates	113.82
06 51 33 00-0045	EA	12" x 12", 0.119" Thickness, Carbon Fiber Plates	113.82
06 51 33 00-0046	EA	12" x 24", 0.119" Thickness, Carbon Fiber Plates	204.57
06 51 33 00-0047	EA	12" x 48", 0.119" Thickness, Carbon Fiber Plates	390.14
06 51 33 00-0048	EA	24" x 24", 0.119" Thickness, Carbon Fiber Plates	390.72
06 51 33 00-0049	EA	24" x 48", 0.119" Thickness, Carbon Fiber Plates	741.62
06 51 33 00-0050	EA	38" x 48", 0.119" Thickness, Carbon Fiber Plates	1,124.28
06 51 33 00-0051	EA	38" x 96", 0.119" Thickness, Carbon Fiber Plates	2,238.44
06 51 33 00-0052	EA	6" x 6", 1/8" Thickness, Carbon Fiber Plates	37.62
06 51 33 00-0053	EA	6" x 12", 1/8" Thickness, Carbon Fiber Plates	66.87
06 51 33 00-0054	EA	6" x 24", 1/8" Thickness, Carbon Fiber Plates	113.82
06 51 33 00-0055	EA	12" x 12", 1/8" Thickness, Carbon Fiber Plates	113.82
06 51 33 00-0056	EA	12" x 24", 1/8" Thickness, Carbon Fiber Plates	190.64
06 51 33 00-0057	EA	12" x 48", 1/8" Thickness, Carbon Fiber Plates	369.88
06 51 33 00-0058	EA	24" x 24", 1/8" Thickness, Carbon Fiber Plates	370.46
06 51 33 00-0059	EA	24" x 48", 1/8" Thickness, Carbon Fiber Plates	703.64
06 51 33 00-0060	EA	38" x 48", 1/8" Thickness, Carbon Fiber Plates	1,111.62
06 51 33 00-0061	EA	38" x 96", 1/8" Thickness, Carbon Fiber Plates	2,173.87
06 51 33 00-0062	EA	6" x 6", 0.157" Thickness, Carbon Fiber Plates	46.49
06 51 33 00-0063	EA	6" x 12", 0.157" Thickness, Carbon Fiber Plates	92.19
06 51 33 00-0064	EA	6" x 24", 0.157" Thickness, Carbon Fiber Plates	139.14
06 51 33 00-0065	EA	12" x 12", 0.157" Thickness, Carbon Fiber Plates	139.14

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 33 00-0066	EA	12" x 24", 0.157" Thickness, Carbon Fiber Plates	241.28	
06 51 33 00-0067	EA	12" x 48", 0.157" Thickness, Carbon Fiber Plates	459.77	
06 51 33 00-0068	EA	24" x 24", 0.157" Thickness, Carbon Fiber Plates	460.35	
06 51 33 00-0069	EA	24" x 48", 0.157" Thickness, Carbon Fiber Plates	880.88	
06 51 33 00-0070	EA	38" x 48", 0.157" Thickness, Carbon Fiber Plates	1,334.44	
06 51 33 00-0071	EA	38" x 96", 0.157" Thickness, Carbon Fiber Plates	2,662.55	
06 51 33 00-0072	EA	6" x 6", 3/16" Thickness, Carbon Fiber Plates	52.82	
06 51 33 00-0073	EA	6" x 12", 3/16" Thickness, Carbon Fiber Plates	94.72	
06 51 33 00-0074	EA	6" x 24", 3/16" Thickness, Carbon Fiber Plates	159.40	
06 51 33 00-0075	EA	12" x 12", 3/16" Thickness, Carbon Fiber Plates	159.40	
06 51 33 00-0076	EA	12" x 24", 3/16" Thickness, Carbon Fiber Plates	274.20	
06 51 33 00-0077	EA	12" x 48", 3/16" Thickness, Carbon Fiber Plates	529.40	
06 51 33 00-0078	EA	24" x 24", 3/16" Thickness, Carbon Fiber Plates	529.98	
06 51 33 00-0079	EA	24" x 48", 3/16" Thickness, Carbon Fiber Plates	1,007.48	
06 51 33 00-0080	EA	38" x 48", 3/16" Thickness, Carbon Fiber Plates	1,524.34	
06 51 33 00-0081	EA	38" x 96", 3/16" Thickness, Carbon Fiber Plates	3,029.69	
06 51 33 00-0082	EA	6" x 6", 0.197" Thickness, Carbon Fiber Plates	54.08	
06 51 33 00-0083	EA	6" x 12", 0.197" Thickness, Carbon Fiber Plates	101.05	
06 51 33 00-0084	EA	6" x 24", 0.197" Thickness, Carbon Fiber Plates	173.33	
06 51 33 00-0085	EA	12" x 12", 0.197" Thickness, Carbon Fiber Plates	151.80	
06 51 33 00-0086	EA	12" x 24", 0.197" Thickness, Carbon Fiber Plates	304.58	
06 51 33 00-0087	EA	12" x 48", 0.197" Thickness, Carbon Fiber Plates	534.46	
06 51 33 00-0088	EA	24" x 24", 0.197" Thickness, Carbon Fiber Plates	535.04	
06 51 33 00-0089	EA	24" x 48", 0.197" Thickness, Carbon Fiber Plates	1,015.08	
06 51 33 00-0090	EA	38" x 48", 0.197" Thickness, Carbon Fiber Plates	1,542.06	
06 51 33 00-0091	EA	38" x 96", 0.197" Thickness, Carbon Fiber Plates	3,061.34	
06 51 33 00-0092	EA	6" x 6", 1/4" Thickness, Carbon Fiber Plates	62.94	
06 51 33 00-0093	EA	6" x 12", 1/4" Thickness, Carbon Fiber Plates	113.71	
06 51 33 00-0094	EA	6" x 24", 1/4" Thickness, Carbon Fiber Plates	189.78	
06 51 33 00-0095	EA	12" x 12", 1/4" Thickness, Carbon Fiber Plates	189.78	
06 51 33 00-0096	EA	12" x 24", 1/4" Thickness, Carbon Fiber Plates	342.56	
06 51 33 00-0097	EA	12" x 48", 1/4" Thickness, Carbon Fiber Plates	654.73	
06 51 33 00-0098	EA	24" x 24", 1/4" Thickness, Carbon Fiber Plates	655.31	
06 51 33 00-0099	EA	24" x 48", 1/4" Thickness, Carbon Fiber Plates	1,248.02	
06 51 33 00-0100	EA	38" x 48", 1/4" Thickness, Carbon Fiber Plates	1,896.54	
06 51 33 00-0101	EA	38" x 96", 1/4" Thickness, Carbon Fiber Plates	3,769.03	

06 52 Plastic Structural Assemblies *(06 50)*

06 52 13 Plastic Columns *(06 52)*

06 52 13 00-0001 Round Fiberglass Columns *(06 52 13)*

06 52 13 00-0002	LF	6" Diameter, Round Fiberglass Column	19.65	7.56
06 52 13 00-0003	LF	8" Diameter, Round Fiberglass Column	27.93	10.99
06 52 13 00-0004	LF	10" Diameter, Round Fiberglass Column	32.17	12.36
06 52 13 00-0005	LF	12" Diameter, Round Fiberglass Column	38.29	12.94
06 52 13 00-0006	LF	15" Diameter, Round Fiberglass Column	46.22	14.94
06 52 13 00-0007	EA	6" Diameter, Base And Cap For Round Fiberglass Columns	37.65	14.31
06 52 13 00-0008	EA	8" Diameter, Base And Cap For Round Fiberglass Columns	41.46	15.45
06 52 13 00-0009	EA	10" Diameter, Base And Cap For Round Fiberglass Columns	48.22	17.17
06 52 13 00-0010	EA	12" Diameter, Base And Cap For Round Fiberglass Columns	63.30	18.32
06 52 13 00-0011	EA	15" Diameter, Base And Cap For Round Fiberglass Columns	82.79	20.03

06 52 13 00-0012 Fluted Fiberglass Columns *(06 52 13)*

06 52 13 00-0013	LF	6" Diameter, Fluted Fiberglass Column	20.53	7.56
06 52 13 00-0014	LF	8" Diameter, Fluted Fiberglass Column	29.11	10.99
06 52 13 00-0015	LF	10" Diameter, Fluted Fiberglass Column	33.66	12.36
06 52 13 00-0016	LF	12" Diameter, Fluted Fiberglass Column	40.79	12.94
06 52 13 00-0017	LF	15" Diameter, Fluted Fiberglass Column	49.49	14.99
06 52 13 00-0018	EA	6" Diameter, Base And Cap For Fluted Fiberglass Columns	39.45	14.31
06 52 13 00-0019	EA	8" Diameter, Base And Cap For Fluted Fiberglass Columns	43.57	15.45
06 52 13 00-0020	EA	10" Diameter, Base And Cap For Fluted Fiberglass Columns	51.00	17.17
06 52 13 00-0021	EA	12" Diameter, Base And Cap For Fluted Fiberglass Columns	68.64	18.32
06 52 13 00-0022	EA	15" Diameter, Base And Cap For Fluted Fiberglass Columns	91.34	20.03

06 52 13 00-0023 Ornamental Or Decorative Cap And Base For Fiberglass Columns *(06 52 13)*

06 52 13 00-0024	EA	8" Roman Ionic Cap And Base For Fiberglass Columns	129.91	17.17
06 52 13 00-0025	EA	10" Roman Ionic Cap And Base For Fiberglass Columns	171.32	20.03
06 52 13 00-0026	EA	12" Roman Ionic Cap And Base For Fiberglass Columns	217.56	22.90
06 52 13 00-0027	EA	8" Scamozzi Cap And Base For Fiberglass Columns	152.29	17.17
06 52 13 00-0028	EA	10" Scamozzi Cap And Base For Fiberglass Columns	182.81	20.03
06 52 13 00-0029	EA	12" Scamozzi Cap And Base For Fiberglass Columns	262.32	22.90
06 52 13 00-0030	EA	8" Corinthian Cap And Base For Fiberglass Columns	188.58	17.17
06 52 13 00-0031	EA	10" Corinthian Cap And Base For Fiberglass Columns	228.17	20.03
06 52 13 00-0032	EA	12" Corinthian Cap And Base For Fiberglass Columns	299.83	22.90
06 52 13 00-0033	EA	8" Temple Of Winds Cap And Base For Fiberglass Columns	131.72	17.17
06 52 13 00-0034	EA	10" Temple Of Winds Cap And Base For Fiberglass Columns	174.95	20.03
06 52 13 00-0035	EA	12" Temple Of Winds Cap And Base For Fiberglass Columns	221.19	22.90

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 52 13 00-0036	EA	8" Greek Erectheum Cap And Base For Fiberglass Columns	131.72	17.17
06 52 13 00-0037	EA	10" Greek Erectheum Cap And Base For Fiberglass Columns	158.01	20.03
06 52 13 00-0038	EA	12" Greek Erectheum Cap And Base For Fiberglass Columns	206.07	22.90

06 53 Plastic Decking *(06 50)*

06 53 16 Plastic Stair Treads *(06 53)*

06 53 16 00-0001 Fiberglass Reinforced Plastic Stair Treads *(06 53 16)*

Note: Includes standard colors and anchors. Excludes stringers.

06 53 16 00-0002	LF	1" Thick, 12" Wide, Fiberglass Reinforced Plastic Stair Tread With Safety Nosing, Excluding Stringer	51.06	2.95
06 53 16 00-0003	LF	1-1/2" Thick, 12" Wide, Fiberglass Reinforced Plastic Stair Tread With Safety Nosing, Excluding Stringer	69.29	3.54
06 53 16 00-0004	LF	2" Thick, 12" Wide, Fiberglass Reinforced Plastic Stair Tread With Safety Nosing, Excluding Stringer	91.05	3.90

06 60 Plastic Fabrications *(06)*

06 65 Plastic Trim *(06 60)*

06 65 00 00-0001 Plastic Moldings *(06 65)*

Note: All dimensions are nominal.

06 65 00 00-0002 Base, Plastic Moldings *(06 65 00 00-0001)*

06 65 00 00-0003	LF	3-1/2" High, Base, Plastic Molding	6.70	2.27
06 65 00 00-0004	LF	4-1/2" High, Base, Plastic Molding	8.18	2.85
06 65 00 00-0005	LF	3/4" x 1", Base Shoe, Plastic Molding	6.21	2.40

06 65 00 00-0006 Cornice, Plastic Moldings *(06 65 00 00-0001)*

06 65 00 00-0007	LF	1" x 2" Cornice, Plastic Molding	6.16	2.27
06 65 00 00-0008	LF	1" x 4" Cornice, Plastic Molding	7.64	2.40
06 65 00 00-0009	LF	1" x 6" Cornice, Plastic Molding	10.49	2.51
06 65 00 00-0010	LF	1" x 8" Cornice, Plastic Molding	12.05	2.62
06 65 00 00-0011	LF	1" x 10" Cornice, Plastic Molding	13.87	2.73
06 65 00 00-0012	LF	1" x 12" Cornice, Plastic Molding	17.72	2.85

06 65 00 00-0013 Crown Or Bed, Plastic Moldings *(06 65 00 00-0001)*

06 65 00 00-0014	LF	9/16" x 1-5/8" Crown Or Bed, Plastic Molding	11.01	2.27
06 65 00 00-0015	LF	9/16" x 2-1/4" Crown Or Bed, Plastic Molding	14.75	2.85
06 65 00 00-0016	LF	9/16" x 3-1/2" Crown Or Bed, Plastic Molding	15.37	2.85
06 65 00 00-0017	LF	9/16" x 3-5/8" Crown Or Bed, Plastic Molding	15.99	2.85
06 65 00 00-0018	LF	5/8" x 4-1/4" Crown Or Bed, Plastic Molding	20.84	3.41
06 65 00 00-0019	LF	11/16" x 4-5/8" Crown Or Bed, Plastic Molding	24.69	3.41

06 65 00 00-0020 Dentil, Plastic Moldings *(06 65 00 00-0001)*

06 65 00 00-0021	LF	11/16" x 1-3/8" Dentil, Plastic Molding	9.36	2.27
06 65 00 00-0022	LF	5/8" x 2-1/2" Dentil, Plastic Molding	10.54	2.27
06 65 00 00-0023	LF	1-3/8" x 3-3/8" Dentil, Plastic Molding	13.19	2.27
06 65 00 00-0024	LF	1-1/2" x 4-1/2" Dentil, Plastic Molding	17.77	2.27

06 65 00 00-0025 Cove, Plastic Moldings *(06 65 00 00-0001)*

06 65 00 00-0026	LF	3/8" x 3/8" Cove, Plastic Molding	3.59	1.25
06 65 00 00-0027	LF	1/2" x 1/2" Cove, Plastic Molding	3.90	1.25
06 65 00 00-0028	LF	5/8" x 5/8" Cove, Plastic Molding	5.13	1.48
06 65 00 00-0029	LF	3/4" x 3/4" Cove, Plastic Molding	5.13	1.48
06 65 00 00-0030	LF	15/16" x 15/16" Cove, Plastic Molding	6.51	1.48
06 65 00 00-0031	LF	9/16" x 1-3/4" Cove, Plastic Molding	8.50	1.71
06 65 00 00-0032	LF	11/16" x 2-3/4" Cove, Plastic Molding	11.41	1.71

06 65 00 00-0033 Chair Rail, Plastic Moldings *(06 65 00 00-0001)*

06 65 00 00-0034	LF	1/2" x 1-5/8" Chair Rail, Plastic Molding	5.99	1.71
06 65 00 00-0035	LF	5/8" x 2-1/2" Chair Rail, Plastic Molding	8.08	2.27
06 65 00 00-0036	LF	5/8" x 3-1/2" Chair Rail, Plastic Molding	9.87	2.27

06 65 00 00-0037 Door, Plastic Moldings *(06 65 00 00-0001)*

06 65 00 00-0038	LF	1-1/8" Wide, Door, Plastic Molding	5.16	2.05
06 65 00 00-0039	LF	1-1/8" Wide, Detailed Door, Plastic Molding	5.21	2.05

06 65 00 00-0040 Trim, Plastic Moldings *(06 65 00 00-0001)*

06 65 00 00-0041	LF	1/2" x 1/2" Quarter Round Trim, Plastic Molding	5.41	2.40
06 65 00 00-0042	LF	3/4" x 3/4" Quarter Round Trim, Plastic Molding	7.38	2.40
06 65 00 00-0043	LF	1-1/4" x 2" Brick Mould, Plastic Molding	7.10	2.27
06 65 00 00-0044	LF	1-17/32" x 1-1/2" x 1-3/8" Sill Nose, Plastic Molding	8.29	2.27

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 65 00 00-0045	LF	11/16" x 1-5/8" Drip Cap, Plastic Molding	5.94	2.27
06 65 00 00-0046	LF	2-3/4" x 2" Water Table, Plastic Molding	9.16	2.27
06 65 00 00-0047	LF	3/8" x 2" Garage Door Stop, Plastic Molding	6.59	2.27
06 65 00 00-0048		Extruded Polyvinyl Chloride (PVC) Trimboard *(06 65)*		
		Note: As manufactured by Azek or Kleer. All dimensions are nominal.		
06 65 00 00-0049	LF	1" x 4" Extruded Polyvinyl Chloride (PVC) Trimboard	4.55	0.91
06 65 00 00-0050	LF	1" x 6" Extruded Polyvinyl Chloride (PVC) Trimboard	6.58	1.03
06 65 00 00-0051	LF	1" x 8" Extruded Polyvinyl Chloride (PVC) Trimboard	8.64	1.14
06 65 00 00-0052	LF	1" x 10" Extruded Polyvinyl Chloride (PVC) Trimboard	10.44	1.16
06 65 00 00-0053	LF	1" x 12" Extruded Polyvinyl Chloride (PVC) Trimboard	12.43	1.20
06 65 00 00-0054	LF	5/4" x 4" Extruded Polyvinyl Chloride (PVC) Trimboard	5.61	0.91
06 65 00 00-0055	LF	5/4" x 6" Extruded Polyvinyl Chloride (PVC) Trimboard	8.22	1.03
06 65 00 00-0056	LF	5/4" x 8" Extruded Polyvinyl Chloride (PVC) Trimboard	10.48	1.14
06 65 00 00-0057	LF	5/4" x 10" Extruded Polyvinyl Chloride (PVC) Trimboard	12.95	1.16
06 65 00 00-0058	LF	5/4" x 12" Extruded Polyvinyl Chloride (PVC) Trimboard	15.22	1.20
06 65 00 00-0059	LF	3-1/2" x 3-1/2" Extruded Polyvinyl Chloride (PVC) Corner Board	12.37	1.16
06 65 00 00-0060	LF	5-1/2" x 5-1/2" Extruded Polyvinyl Chloride (PVC) Corner Board	16.48	1.20
06 65 00 00-0061	SF	1/2" Smooth/Wood Grain Reversible Extruded Polyvinyl Chloride (PVC) Sheets	8.64	1.03
06 65 00 00-0062	SF	3/4" Smooth/Wood Grain Reversible Extruded Polyvinyl Chloride (PVC) Sheets	12.49	1.14

06 70 Structural Composites *(06)*

06 74 Composite Gratings *(06 70)*

06 74 13 Fiberglass Reinforced Gratings *(06 74)*

06 74 13 00-0001		Molded Fiberglass Gratings And Coverings *(06 74 13)*		
06 74 13 00-0002		Vi-Corr Resin System *(06 74 13 00-0001)*		
		Note: Orange or dark gray.		
06 74 13 00-0003	SF	1" Molded Fiberglass Grate, 1" x 4" Mesh, Vi-Corr Resin, Meniscus Top	46.41	2.12
06 74 13 00-0004	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Meniscus Top	45.08	2.12
06 74 13 00-0005	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Meniscus Top	58.83	2.12
06 74 13 00-0006	SF	2" Molded Fiberglass Grate, 2" x 2" Mesh, Vi-Corr Resin, Meniscus Top	63.70	2.72
06 74 13 00-0007	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh, Vi-Corr Resin, Applied Grit Top	48.70	2.12
06 74 13 00-0008	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Applied Grit Top	47.32	2.12
06 74 13 00-0009	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Applied Grit Top	62.14	2.12
06 74 13 00-0010	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, Vi-Corr Resin, Applied Grit Top	66.82	2.72
06 74 13 00-0011	SF	1/4" Vi-Corr Resin Polyester Resin, Fiberplate Covering	43.96	1.70
06 74 13 00-0012	SF	1/2" Vi-Corr Resin Polyester Resin, Fiberplate Covering	71.24	1.87
06 74 13 00-0013	SF	3/4 Vi-Corr Resin Polyester Resin, Fiberplate Covering	97.63	2.05
06 74 13 00-0014		IFR Fire Retardant Isophthalic Resin *(06 74 13 00-0001)*		
06 74 13 00-0015	SF	1" Molded Fiberglass Grate, 1" x 4" Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top	42.68	2.12
06 74 13 00-0016	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top	39.97	2.12
06 74 13 00-0017	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top	51.44	2.12
06 74 13 00-0018	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top	55.51	2.72
06 74 13 00-0019	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top	44.56	2.12
06 74 13 00-0020	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top	41.04	2.12
06 74 13 00-0021	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top	55.90	2.72
06 74 13 00-0022	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top	58.59	2.72
06 74 13 00-0023	SF	1/4" IFR Fire Retardant Isophthalic Resin Polyester Resin, Fiberplate Covering	38.75	1.70
06 74 13 00-0024	SF	1/2" IFR Fire Retardant Isophthalic Resin Polyester Resin, Fiberplate Covering	54.87	1.87
06 74 13 00-0025	SF	3/4" IFR Fire Retardant Isophthalic Resin Polyester Resin, Fiberplate Covering	75.38	2.05
06 74 13 00-0026		Corvex Polyester Resin *(06 74 13 00-0001)*		
		Note: Dark gray.		
06 74 13 00-0027	SF	1" Molded Fiberglass Grate, 1" x 4" Mesh, Corvex Polyester Resin, Meniscus Top	36.21	2.12
06 74 13 00-0028	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Meniscus Top	34.78	2.12
06 74 13 00-0029	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Meniscus Top	42.16	2.12
06 74 13 00-0030	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, Corvex Polyester Resin, Meniscus Top	48.47	2.72
06 74 13 00-0031	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh, Corvex Polyester Resin, Applied Grit Top	38.59	2.12
06 74 13 00-0032	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Applied Grit Top	37.14	2.12
06 74 13 00-0033	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Applied Grit Top	44.92	2.12
06 74 13 00-0034	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, Corvex Polyester Resin, Applied Grit Top	50.83	2.72
06 74 13 00-0035	SF	1/4" Corvex Polyester Resin, Fiberplate Covering	34.22	1.70
06 74 13 00-0036	SF	1/2" Corvex Polyester Resin, Fiberplate Covering	54.63	1.87
06 74 13 00-0037	SF	3/4" Corvex Polyester Resin, Fiberplate Covering	75.78	2.05
06 74 13 00-0038		XFR Extra Fire Retardant *(06 74 13 00-0001)*		
06 74 13 00-0039	SF	1" Molded Fiberglass Grate, 1" x 4" Mesh, XFR Extra Fire Retardant, Meniscus Top	53.29	2.12
06 74 13 00-0040	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Meniscus Top	51.74	2.12
06 74 13 00-0041	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Meniscus Top	70.84	2.12
06 74 13 00-0042	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, XFR Extra Fire Retardant, Meniscus Top	75.68	2.72
06 74 13 00-0043	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh XFR Extra Fire Retardant, Applied Grit Top	55.62	2.12

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 74 13 00-0044	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Applied Grit Top	54.10	2.12
06 74 13 00-0045	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Applied Grit Top	73.60	2.12
06 74 13 00-0046	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, XFR Extra Fire Retardant, Applied Grit Top	79.02	2.72
06 74 13 00-0047	SF	1/4" XFR Extra Fire Retardant Resin, Fiberplate Covering	50.37	1.70
06 74 13 00-0048	SF	1/2" XFR Extra Fire Retardant Resin, Fiberplate Covering	81.48	1.87
06 74 13 00-0049		ELS Extremely Low Smoke Resin *(06 74 13 00-0001)*		
06 74 13 00-0050	SF	1" Molded Fiberglass Grate, 1" x 4" Mesh, ELS Extremity Low Smoke Resin, Meniscus Top	54.65	2.12
06 74 13 00-0051	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremity Low Smoke Resin, Meniscus Top	53.00	2.12
06 74 13 00-0052	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremity Low Smoke Resin, Meniscus Top	68.94	2.12
06 74 13 00-0053	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, ELS Extremity Low Smoke Resin, Meniscus Top	73.88	2.72
06 74 13 00-0054	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh, ELS Extremity Low Smoke Resin, Applied Grit Top	56.81	2.12
06 74 13 00-0055	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremity Low Smoke Resin, Applied Grit Top	55.45	2.12
06 74 13 00-0056	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremity Low Smoke Resin, Applied Grit Top	71.60	2.12
06 74 13 00-0057	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, ELS Extremity Low Smoke Resin, Applied Grit Top	76.57	2.72
06 74 13 00-0058	SF	1/4" ELS Extremity Low Smoke Resin, Fiberplate Covering	56.30	1.70
06 74 13 00-0059	SF	1/2 ELS Extremity Low Smoke Resin, Fiberplate Covering	101.55	1.87
06 74 13 00-0060		Pultruded Fiberglass Grating *(06 74 13)*		
06 74 13 00-0061		ISOFR Isophthalic Polyester Resin System *(06 74 13 00-0060)*		
		Note: For moderately corrosive environments, green.		
06 74 13 00-0062		1" ISOFR Isophthalic Polyester Resin System *(06 74 13 00-0061)*		
06 74 13 00-0063	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	38.85	2.72
06 74 13 00-0064	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	34.47	2.12
06 74 13 00-0065	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin	43.94	2.72
06 74 13 00-0066	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin	40.63	2.12
06 74 13 00-0067	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 38% Open, ISOFR Isophthalic Polyester Resin	30.29	2.72
06 74 13 00-0068	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 38% Open, ISOFR Isophthalic Polyester Resin	26.82	2.12
06 74 13 00-0069	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin	34.71	2.72
06 74 13 00-0070	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin	31.33	2.12
06 74 13 00-0071		1-1/2" ISOFR Isophthalic Polyester Resin System *(06 74 13 00-0061)*		
06 74 13 00-0072	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	43.89	2.72
06 74 13 00-0073	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	39.62	2.12
06 74 13 00-0074	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin	49.34	2.72
06 74 13 00-0075	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin	46.28	2.12
06 74 13 00-0076	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin	38.57	2.72
06 74 13 00-0077	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin	35.19	2.12
06 74 13 00-0078		2" ISOFR Isophthalic Polyester Resin System *(06 74 13 00-0061)*		
06 74 13 00-0079	SF	2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	38.06	2.72
06 74 13 00-0080	SF	2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	42.13	2.72
06 74 13 00-0081	SF	2" Pultruded Fiberglass Grate, 6" Bar Space, 33% Open, ISOFR Isophthalic Polyester Resin	50.95	2.72
06 74 13 00-0082	SF	2" Pultruded Fiberglass Grate, 12" Bar Space, 33% Open, ISOFR Isophthalic Polyester Resin	48.07	2.72
06 74 13 00-0083		VERF Vinyl Ester Resin System *(06 74 13 00-0060)*		
06 74 13 00-0084		1" VERF Vinyl Ester Resin System *(06 74 13 00-0083)*		
06 74 13 00-0085	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, VERF Vinyl Ester Resin	41.14	2.12
06 74 13 00-0086	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, VERF Vinyl Ester Resin	36.78	2.12
06 74 13 00-0087	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, VERF Vinyl Ester Resin	46.28	2.12
06 74 13 00-0088	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, VERF Vinyl Ester Resin	53.15	2.12
06 74 13 00-0089	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 38% Open, VERF Vinyl Ester Resin	31.55	2.12
06 74 13 00-0090	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 38% Open, VERF Vinyl Ester Resin	28.19	2.12
06 74 13 00-0091	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, VERF Vinyl Ester Resin	36.24	2.12
06 74 13 00-0092	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, VERF Vinyl Ester Resin	33.24	2.12
06 74 13 00-0093		1-1/2" VERF Vinyl Ester Resin System *(06 74 13 00-0083)*		
06 74 13 00-0094	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, VERF Vinyl Ester Resin	45.18	2.12
06 74 13 00-0095	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, VERF Vinyl Ester Resin	40.87	2.12
06 74 13 00-0096	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, VERF Vinyl Ester Resin	51.67	2.12
06 74 13 00-0097	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, VERF Vinyl Ester Resin	48.23	2.12
06 74 13 00-0098	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, VERF Vinyl Ester Resin	40.59	2.12
06 74 13 00-0099	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, VERF Vinyl Ester Resin	37.38	2.12
06 74 13 00-0100		2" VERF Vinyl Ester Resin System *(06 74 13 00-0083)*		
06 74 13 00-0101	SF	2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, VERF Vinyl Ester Resin	39.99	2.72
06 74 13 00-0102	SF	2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, VERF Vinyl Ester Resin	36.87	2.72
06 74 13 00-0103	SF	2" Pultruded Fiberglass Grate, 6" Bar Space, 33% Open, VERF Vinyl Ester Resin	53.66	2.72
06 74 13 00-0104	SF	2" Pultruded Fiberglass Grate, 12" Bar Space, 33% Open, VERF Vinyl Ester Resin	52.11	2.72

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 74 13 00-0105		Moltruded Fiberglass Rigidex Grating *(06 74 13 00-0060)*		
06 74 13 00-0106	SF	Rigidex I, 1-1/2" Deep Fiberglass Grating, 1-1/2" x 4" Bar Space, Metallic Grey Color, Moltruded, Corvex Resin	23.80	2.36
06 74 13 00-0107	SF	Rigidex I, 2" Deep Fiberglass Grating, 1-1/2" x 4" Bar Space, Metallic Grey Color, Moltruded, Corvex Resin	28.61	2.95
06 74 13 00-0108	SF	Rigidex II, 1-1/2" Deep Fiberglass Grating, 1" x 4" Bar Space, Yellow Color, Moltruded, SOFR Resin	31.98	2.36
06 74 13 00-0109	SF	Rigidex II, 2" Deep Fiberglass Grating, 1" x 4" Bar Space, Yellow Color, Moltruded, ISOFR Resin	36.79	2.95

06 80 Composite Fabrications *(06)*

06 81 Composite Railings *(06 80)*

06 81 13 Glass-Fiber-Reinforced Plastic Railings *(06 81)*

06 81 13 00-0001		Fiberglass Handrail Assemblies *(06 81 13)* Note: Assembly includes posts, rails, kick plates, fasteners and accessories. Not to be used in conjunction with handrail components.		
06 81 13 00-0002	LF	Fiberglass Side Mount Handrail, 2-1/8" Square Tube Posts Up To 42" High, Set 5' On Center, Two Horizontal 1-3/4" Square Tube Rails, 4" Kick Plate, Stainless Steel Fasteners And Accessories Assembly	81.11	23.61
		For Each LF Of Anchoring Posts Into Masonry Or Concrete, Add	*3.00*	
		For Sloped Floor Installation, Add	*6.42*	
		For Stair Installation (Without Kick Plates), Add	*11.98*	
06 81 13 00-0003	LF	Fiberglass Top Mount Handrail, 2-1/8" Square Tube Posts Up To 42" High, Set 5' On Center, Two Horizontal 1-3/4" Square Tube Rails, 4" Kick Plate, Stainless Steel Fasteners And Accessories Assembly	91.47	22.13
06 81 13 00-0004	LF	Fiberglass Handrail For Stairs, 2-1/8" Square Tube Posts Up To 42" High, Set 5' On Center, Two Horizontal 1-3/4" Square Tube Rails, Stainless Steel Fasteners And Accessories Assembly	87.48	29.51
06 81 13 00-0005		Fiberglass Handrail Components *(06 81 13)* Note: This section is only to be used when entire handrail assembly is not required.		
06 81 13 00-0006	LF	Fiberglass Kick Plate (12' Sections) With Splice Kit	19.13	5.90
06 81 13 00-0007	LF	Fiberglass Kick Plate (24' sections) With Splice Kit	17.10	5.90
06 81 13 00-0008	EA	Fiberglass Side Mount Post For Handrail	182.35	35.41
06 81 13 00-0009	EA	Fiberglass Top Mount Post For Handrail With Stainless Steel Base	209.33	23.61
06 81 13 00-0010	LF	Fiberglass Square Tube For Horizontal Handrail, ISOFR 1-3/4" x 1/8" (12' sections)	20.88	7.08
06 81 13 00-0011	LF	Fiberglass Square Tube For Horizontal Handrail, ISOFR 1-3/4" x 1/8" (24' sections)	19.83	7.08
06 81 13 00-0012	LF	Fiberglass Square Tube For Horizontal Handrail, ISOFR 2-1/8" x 3/16" (21' sections)	21.40	7.08

06 82 Composite Trim *(06 80)*

06 82 00 00-0001		Fiberglass Castings *(06 82)*		
06 82 00 00-0002		Fiberglass Angle, Equal Legs *(06 82 00 00-0001)*		
06 82 00 00-0003	LF	1" x 1" x 1/8" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	10.10	3.54
06 82 00 00-0004	LF	1" x 1" x 1/8" Thick Fiberglass Angle, VERF Vinyl Ester Resin	10.58	3.54
06 82 00 00-0005	LF	3" x 3" x 1/4" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	18.81	4.25
06 82 00 00-0006	LF	3" x 3" x 1/4" Thick Fiberglass Angle, VERF Vinyl Ester Resin	20.76	4.25
06 82 00 00-0007	LF	4" x 4" x 1/4" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	20.88	4.25
06 82 00 00-0008	LF	4" x 4" x 1/4" Thick Fiberglass Angle, VERF Vinyl Ester Resin	22.29	4.25
06 82 00 00-0009	LF	4" x 4" x 3/8" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	24.19	4.25
06 82 00 00-0010	LF	4" x 4" x 3/8" Thick Fiberglass Angle, VERF Vinyl Ester Resin	27.21	4.25
06 82 00 00-0011	LF	6" x 6" x 1/2" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	65.03	5.32
06 82 00 00-0012	LF	6" x 6" x 1/2" Thick Fiberglass Angle, VERF Vinyl Ester Resin	74.78	5.32
06 82 00 00-0013		Fiberglass Channels *(06 82 00 00-0001)*		
06 82 00 00-0014	LF	3" x 1" x 1/4" Fiberglass Channel, ISOFR Isophthalic Polyester Resin	11.67	5.32
06 82 00 00-0015	LF	3" x 1" x 1/4" Fiberglass Channel, VERF Vinyl Ester Resin	12.15	5.32
06 82 00 00-0016	LF	4" x 1 1/8" x 1/4" Fiberglass Channel, ISOFR Isophthalic Polyester Resin	24.25	6.02
06 82 00 00-0017	LF	4" x 1 1/8" x 1/4" Fiberglass Channel, VERF Vinyl Ester Resin	24.25	6.02
06 82 00 00-0018	LF	6" x 1 11/16" x 3/8" Fiberglass Channel, ISOFR Isophthalic Polyester Resin	37.93	6.02
06 82 00 00-0019	LF	6" x 1 11/16" x 3/8" Fiberglass Channel, VERF Vinyl Ester Resin	44.09	6.02
06 82 00 00-0020	LF	8" x 2 3/16" x 3/8" Fiberglass Channel, ISOFR Isophthalic Polyester Resin	35.64	6.02
06 82 00 00-0021	LF	8" x 2 3/16" x 3/8" Fiberglass Channel, VERF Vinyl Ester Resin	43.13	6.02
06 82 00 00-0022	LF	10" x 2-3/4" x 1/2" Fiberglass Channel, ISOFR Isophthalic Polyester Resin	54.31	8.27
06 82 00 00-0023	LF	10" x 2-3/4" x 1/2" Fiberglass Channel, VERF Vinyl Ester Resin	62.24	8.27
06 82 00 00-0024		Fiberglass Wide Flange Beams *(06 82 00 00-0001)*		
06 82 00 00-0025	LF	4" x 4" x 1/4"Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin	33.18	7.08
06 82 00 00-0026	LF	4" x 4" x 1/4" Fiberglass Wide Flange Beam, VERF Vinyl Ester Resin	36.26	7.08
06 82 00 00-0027	LF	6" x 6" x 1/4" Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin	42.44	8.50
06 82 00 00-0028	LF	6" x 6" x 1/4" Fiberglass Wide Flange Beam, VERF Vinyl Ester Resin	43.91	8.50
06 82 00 00-0029	LF	8" x 8" x 3/8" Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin	68.35	10.62
06 82 00 00-0030	LF	8" x 8" x 3/8" Fiberglass Wide Flange Beam, VERF Vinyl Ester Resin	85.67	10.62
06 82 00 00-0031	LF	10" x 10" x 1/2" Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin	151.43	12.98
06 82 00 00-0032	LF	10" x 10" x 1/2" Fiberglass Wide Flange Beam, VERF Vinyl Ester Resin	170.37	12.98
06 82 00 00-0033		Fiberglass Flat Sheet *(06 82 00 00-0001)* Note: Not to be used for bathroom board.		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 82 00 00-0034	SF	1/8" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin	27.43	6.02
06 82 00 00-0035	SF	1/8" Thick Fiberglass Flat Sheet, VERF Vinyl Ester Resin	28.64	6.02
06 82 00 00-0036	SF	1/4" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin	43.02	7.08
06 82 00 00-0037	SF	1/4" Thick Fiberglass Flat Sheet, VERF Vinyl Ester Resin	49.45	7.08
06 82 00 00-0038	SF	3/8" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin	58.33	8.50
06 82 00 00-0039	SF	3/8" Thick Fiberglass Flat Sheet, VERF Vinyl Ester Resin	67.99	8.50
06 82 00 00-0040	SF	1/2" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin	78.63	10.62
06 82 00 00-0041	SF	1/2" Thick Fiberglass Flat Sheet, VERF Vinyl Ester Resin	93.42	10.62
06 82 00 00-0042		Fiberglass Bars *(06 82 00 00-0001)*		
06 82 00 00-0043		Square Bars *(06 82 00 00-0042)*		
06 82 00 00-0044	LF	1" Square Fiberglass Solid Square Bar, ISO Isophthalic Polyester Resin	16.34	4.25
06 82 00 00-0045	LF	1-1/4" Square Fiberglass Solid Square Bar, ISO Isophthalic Polyester Resin	23.39	6.25
06 82 00 00-0046	LF	1-1/2" Square Fiberglass Solid Square Bar, ISOFR Isophthalic Polyester Resin	27.41	8.27
06 82 00 00-0047		Round Bars *(06 82 00 00-0042)*		
06 82 00 00-0048	LF	1/4" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin	10.53	3.54
06 82 00 00-0049	LF	1" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin	22.50	5.32
06 82 00 00-0050	LF	1" Diameter Fiberglass Solid Round Bar, VERF Vinyl Ester Resin	25.43	5.32
06 82 00 00-0051	LF	1-1/4" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin	33.64	5.32
06 82 00 00-0052	LF	1-1/2" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin	40.20	6.02
06 82 00 00-0053		Fiberglass Tubes *(06 82 00 00-0001)*		
06 82 00 00-0054		Square Tube *(06 82 00 00-0053)*		
06 82 00 00-0055	LF	1" x 1" x 1/8" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin	11.86	3.54
06 82 00 00-0056	LF	1" x 1" x 1/8" Thick Fiberglass Square Tube, VERF Vinyl Ester Resin	12.80	3.54
06 82 00 00-0057	LF	2" x 2" x 1/8" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin	17.50	4.25
06 82 00 00-0058	LF	2" x 2" x 1/8" Thick Fiberglass Square Tube, VERF Vinyl Ester Resin	19.17	4.25
06 82 00 00-0059	LF	3" x 3" x 1/4" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin	33.28	5.32
06 82 00 00-0060	LF	3" x 3" x 1/4" Thick Fiberglass Square Tube, VERF Vinyl Ester Resin	37.15	5.32
06 82 00 00-0061	LF	4" x 4" x 1/4" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin	39.17	6.37
06 82 00 00-0062	LF	4" x 4" x 1/4" Thick Fiberglass Square Tube, VERF Vinyl Ester Resin	49.94	6.37
06 82 00 00-0063		Round Tube *(06 82 00 00-0053)*		
06 82 00 00-0064	LF	1" Diameter x 1/8" Thick Fiberglass Round Tube, ISOFR Isophthalic Polyester Resin	11.36	3.54
06 82 00 00-0065	LF	1" Diameter x 1/8" Thick Fiberglass Round Tube, VERF Vinyl Ester Resin	11.79	3.54
06 82 00 00-0066	LF	2" Diameter x 1/4" Thick Fiberglass Round Tube, ISOFR Isophthalic Polyester Resin	21.22	4.25
06 82 00 00-0067	LF	2" Diameter x 1/4" Thick Fiberglass Round Tube, VERF Vinyl Ester Resin	22.64	4.25
06 82 00 00-0068		Fiberglass Threaded Rods *(06 82 00 00-0001)*		
06 82 00 00-0069	LF	3/8" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin	15.27	2.72
06 82 00 00-0070	LF	1/2" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin	16.25	2.72
06 82 00 00-0071	LF	5/8" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin	18.66	3.07
06 82 00 00-0072	LF	3/4" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin	20.55	3.07
06 82 00 00-0073	LF	1" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin	22.71	3.07
06 82 00 00-0074		Grating Support Legs, VEFR Resin *(06 82 00 00-0001)*		
06 82 00 00-0075	EA	Grating Support Legs, Fixed Height With Base Miscellaneous Fiberglass Castings	13.52	
06 82 00 00-0076	EA	Grate Support Legs Fixed Height Without Base Miscellaneous Fiberglass Castings	5.79	
06 82 00 00-0077	EA	Grating Support Legs, Adjustable To 60" Miscellaneous Fiberglass Castings	21.78	
06 82 00 00-0078		Fiberglass Netting *(06 82 00 00-0001)*		
06 82 00 00-0079	SF	1/2" x 1/2" Mesh, Clear Flexible Fiberglass Netting	0.85	0.41
06 82 00 00-0080	SF	1/2" x 2" Mesh, Clear Flexible Fiberglass Netting	0.85	0.41
06 82 00 00-0081	SF	3/4" x 5/8" Mesh, Clear Flexible Fiberglass Netting	0.85	0.41
06 82 00 00-0082	SF	7/8" x 7/8" Mesh, Clear Flexible Fiberglass Netting	0.85	0.41
06 82 00 00-0083	SF	1" x 1" Mesh, Clear Flexible Fiberglass Netting	0.85	0.41
06 82 00 00-0084	SF	1/2" x 1/2" Mesh, Green Flexible Fiberglass Netting	0.84	0.41
06 82 00 00-0085	SF	1/2" x 2" Mesh, Green Flexible Fiberglass Netting	0.84	0.41
06 82 00 00-0086	SF	3/4" x 5/8" Mesh, Green Flexible Fiberglass Netting	0.84	0.41
06 82 00 00-0087	SF	7/8" x 7/8" Mesh, Green Flexible Fiberglass Netting	0.84	0.41
06 82 00 00-0088	SF	1" x 1" Mesh, Green Flexible Fiberglass Netting	0.84	0.41
06 82 00 00-0089		Fiberglass Stair Treads *(06 82)*		
06 82 00 00-0090		Fiberglass Stair Treads *(06 82 00 00-0089)*		
06 82 00 00-0091		10-1/2" Deep Isophthalic Resin System *(06 82 00 00-0090)*		
06 82 00 00-0092	EA	1" Fiberglass Stair Tread, 10-1/2" Deep x 24" Wide Isophthalic Resin System	118.10	18.53
06 82 00 00-0093	EA	1" Fiberglass Stair Tread, 10-1/2" Deep x 30" Wide Isophthalic Resin System	138.40	18.53
06 82 00 00-0094	EA	1" Fiberglass Stair Tread, 10-1/2" Deep x 36" Wide Isophthalic Resin System	158.71	18.53

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 82 00 00-0095	EA	1" Fiberglass Stair Tread, 10-1/2" Deep x 42" Wide Isophthalic Resin System	179.01	18.53
06 82 00 00-0096	EA	1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 24" Wide Isophthalic Resin System	130.28	18.53
06 82 00 00-0097	EA	1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 30" Wide Isophthalic Resin System	153.63	18.53
06 82 00 00-0098	EA	1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 36" Wide Isophthalic Resin System	176.98	18.53
06 82 00 00-0099	EA	1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 42" Wide Isophthalic Resin System	200.33	18.53
06 82 00 00-0100	EA	2" Fiberglass Stair Tread, 10-1/2" Deep x 24" Wide Isophthalic Resin System	148.96	18.53
06 82 00 00-0101	EA	2" Fiberglass Stair Tread, 10-1/2" Deep x 30" Wide Isophthalic Resin System	176.98	18.53
06 82 00 00-0102	EA	2" Fiberglass Stair Tread, 10-1/2" Deep x 36" Wide Isophthalic Resin System	205.00	18.53
06 82 00 00-0103	EA	2" Fiberglass Stair Tread, 10-1/2" Deep x 42" Wide Isophthalic Resin System	233.02	18.53
06 82 00 00-0104		12" Deep Isophthalic Resin System *(06 82 00 00-0090)*		
06 82 00 00-0105	EA	1" Fiberglass Stair Tread, 12" Deep x 24" Wide Isophthalic Resin System	129.71	18.53
06 82 00 00-0106	EA	1" Fiberglass Stair Tread, 12" Deep x 30" Wide Isophthalic Resin System	152.91	18.53
06 82 00 00-0107	EA	1" Fiberglass Stair Tread, 12" Deep x 36" Wide Isophthalic Resin System	176.12	18.53
06 82 00 00-0108	EA	1" Fiberglass Stair Tread, 12" Deep x 42" Wide Isophthalic Resin System	199.32	18.53
06 82 00 00-0109	EA	1-1/2" Fiberglass Stair Tread, 12" Deep x 24" Wide Isophthalic Resin System	143.63	18.53
06 82 00 00-0110	EA	1-1/2" Fiberglass Stair Tread, 12" Deep x 30" Wide Isophthalic Resin System	170.31	18.53
06 82 00 00-0111	EA	1-1/2" Fiberglass Stair Tread, 12" Deep x 36" Wide Isophthalic Resin System	197.00	18.53
06 82 00 00-0112	EA	1-1/2" Fiberglass Stair Tread, 12" Deep x 42" Wide Isophthalic Resin System	223.69	18.53
06 82 00 00-0113	EA	2" Fiberglass Stair Tread, 12" Deep x 24" Wide Isophthalic Resin System	164.98	18.53
06 82 00 00-0114	EA	2" Fiberglass Stair Tread, 12" Deep x 30" Wide Isophthalic Resin System	197.00	18.53
06 82 00 00-0115	EA	2" Fiberglass Stair Tread, 12" Deep x 36" Wide Isophthalic Resin System	229.03	18.53
06 82 00 00-0116	EA	2" Fiberglass Stair Tread, 12" Deep x 42" Wide Isophthalic Resin System	261.05	18.53
06 82 00 00-0117		Other Fiberglass *(06 82)*		
06 82 00 00-0118		Fiberglass Splash Blocks *(06 82 00 00-0117)*		
06 82 00 00-0119	EA	Standard Size Fiberglass Splash Block	19.94	4.12

END OF SECTION 06

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

07 Thermal And Moisture Protection

07 01 Operation and Maintenance of Thermal and Moisture Protection *(07)*

07 01 50 Maintenance of Membrane Roofing *(07 01)*

07 01 50 19 Preparation for Re-Roofing *(07 01 50)*

07 01 50 19-0001 Preparation For Re-Roofing *(07 01 50 19)*

07 01 50 19-0002	SQ	Removal Of Pea Gravel Ballast From Roof, Vacuum And Disposal	84.94	
07 01 50 19-0003	SQ	Removal Of Gravel Ballast From Roof, Vacuum And Disposal	148.59	

07 01 50 81 Roof Replacement *(07 01 50)*

07 01 50 81-0001 Roof Repair *(07 01 50 81)*

Note: Less than 100 SF areas. Excludes mobilization of crew for small quantity of roof work. See CSI section 07 05 13 00-0001 for mobilization of crew for small quantity of roof work.

07 01 50 81-0002	LF	Heat Weld Roofing Seams For Repair	8.48	

07 01 50 81-0003 Emergency Roof Patch *(07 01 50 81)*

Note: 4 Hour response time.

07 01 50 81-0004	EA	Mobilize For Emergency Roof Patching	794.63	
07 01 50 81-0005	EA	16 SF Granule Emergency Roof Patch Cover	112.04	

07 01 50 81-0006 Adhesives *(07 01 50 81)*

Note: For repair of seams.

07 01 50 81-0007 Mastic Sealer *(07 01 50 81-0006)*

07 01 50 81-0008 Applied At Joints Only *(07 01 50 81-0007)*

07 01 50 81-0009	LF	Mastic Sealer, 1/4" Bead At Joint For Roof Repair	5.23	2.25

07 01 50 91 Roofing Restoration *(07 01 50)*

07 01 50 91-0001 Pressure Wash Membrane Roofing *(07 01 50 91)*

07 01 50 91-0002	SF	Up To 2,500 PSI, Pressure Wash Membrane Roofing	0.24	
		For Up To 100, Add	*0.18*	
		For >100 To 250, Add	*0.08*	
		For >250 To 500, Add	*0.04*	
		For >5,000 To 10,000, Deduct	*-0.01*	
		For >10,000 To 15,000, Deduct	*-0.02*	
		For >15,000 To 30,000, Deduct	*-0.04*	
		For >30,000, Deduct	*-0.05*	

07 01 60 Maintenance of Flashing and Sheet Metal *(07 01)*

07 01 60 91 Flashing and Sheet Metal Restoration *(07 01 60)*

07 01 60 91-0001 Re-connecting Downspouts To Gutters *(07 01 60 91)*

07 01 60 91-0002	EA	Re-connecting Existing Downspouts To Gutter With Fasteners	37.56	
07 01 60 91-0003	EA	Re-connecting Existing Downspouts To Gutter By Welding	62.12	

07 01 70 Operation and Maintenance of Roof Specialties and Accessories *(07 01)*

07 01 70 00-0001 Metal Roofing Edge Repair *(07 01 70)*

07 01 70 00-0002	LF	Cut Existing Metal Roofing Edge, 20 to 26 Gauge	5.25	
07 01 70 00-0003	LF	Cut Existing Metal Roofing Edge, 16 to 19 Gauge	6.57	
07 01 70 00-0004	LF	Cut Existing Metal Roofing Edge, 11 to 15 Gauge	7.51	

07 01 70 00-0005 Metal Roofing Repair *(07 01 70)*

07 01 70 00-0006	SF	Roof Repair, 24 Gauge Galvanized Metal Standing Seam Roofing, Up To 10 SF	30.93	
07 01 70 00-0007	SF	Roof Repair, 24 Gauge Galvanized Metal Standing Seam Roofing, 11 To 25 SF	28.10	
07 01 70 00-0008	SF	Roof Repair, 24 Gauge Galvanized Metal Standing Seam Roofing, 25 To 50 SF	25.92	
07 01 70 00-0009	SF	Roof Repair, 24 Gauge Galvanized Metal Standing Seam Roofing, 50 To 100 SF	24.36	

07 01 70 00-0010 Removal And Reinstallation Of Metal Coping *(07 01 70)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 01 70 00-0011	LF	Removal And Reinstallation Of Metal Coping	11.08	
		For Up To 25 LF, Add	*5.54*	
		For >25 To 100 LF, Add	*2.77*	
		For >1,000 LF, Deduct	*-1.11*	

07 05 Common Work Results for Thermal and Moisture Protection *(07)*

07 05 13 Mobilization Of Crew For Small Quantity Of Roof Work *(07 05)*

07 05 13 00-0001 Mobilization Of Crew For Small Quantity Of Roof Work *(07 05 13)*

Note: For use with all roofing tasks where the total quantity of roof work is 4 squares or less.

07 05 13 00-0002	EA	Up To 1 SQ, Mobilization Of Crew For Small Quantity Of Roof Work	1,591.81
07 05 13 00-0003	EA	>1 To 2 SQ, Mobilization Of Crew For Small Quantity Of Roof Work	1,190.99
07 05 13 00-0004	EA	>2 To 3 SQ, Mobilization Of Crew For Small Quantity Of Roof Work	795.90
07 05 13 00-0005	EA	>3 To 4 SQ, Mobilization Of Crew For Small Quantity Of Roof Work	397.00

07 10 Dampproofing and Waterproofing *(07)*

Note: The following tasks are for application to vertical (walls and foundations) surfaces. For horizontal (flat) surfaces apply the appropriate modifier to reduce the labor cost (where listed). Waterproofing is the treatment of a surface or structure to PREVENT the passage of water under hydrostatic pressure. Dampproofing is the treatment of a surface or structure to RESIST the passage of water in the absence of hydrostatic pressure.

07 11 Dampproofing *(07 10)*

07 11 13 Bituminous Dampproofing *(07 11)*

07 11 13 00-0001 Fibrous Asphalt Dampproofing, Brush, Roller Or Spray *(07 11 13)*

07 11 13 00-0002	CSF	1 Coat, Fibrous Asphalt Dampproofing, Brush, Roller Or Spray	197.77
07 11 13 00-0003	CSF	2 Coats, Brush, Roller Or Spray, Fibrous Asphalt Dampproofing	303.72

07 11 13 00-0004 Fibrous Asphalt Dampproofing, Troweled On *(07 11 13)*

07 11 13 00-0005	CSF	Primer And 1 Coat, Fibrous Asphalt Dampproofing, Troweled On	340.54
07 11 13 00-0006	CSF	Primer And 2 Coats, Troweled On, Fibrous Asphalt Dampproofing	529.10

07 11 13 00-0007 Asphaltic Paint Dampproofing *(07 11 13)*

07 11 13 00-0008	CSF	1 Coat, Asphaltic Paint Dampproofing, Brushed On	158.71
07 11 13 00-0009	CSF	2 Coats, Brushed On, Asphaltic Paint Dampproofing	293.55

07 11 19 Sheet Dampproofing *(07 11)*

07 11 19 00-0001 Neoprene *(07 11 19)*

07 11 19 00-0002	SF	1/16" Patch Neoprene Roof (5 To 20 SF)	42.27

07 13 Sheet Waterproofing *(07 10)*

07 13 13 Bituminous Sheet Waterproofing *(07 13)*

07 13 13 00-0001 15 Lb. Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped *(07 13 13)*

07 13 13 00-0002	CSF	1 Ply, 15 Lb. Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped	357.20	127.05
		For 30 Lb. Felt, Add	*77.33*	
		For Application To Horizontal Surfaces, Deduct	*-38.12*	
07 13 13 00-0003	CSF	2 Ply, 15 Lb. Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped	448.10	142.93
		For 30 Lb. Felt, Add	*121.68*	
		For Application To Horizontal Surfaces, Deduct	*-42.88*	
07 13 13 00-0004	CSF	3 Ply, 15 Lb. Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped	539.00	158.81
		For 30 Lb. Felt, Add	*166.03*	
		For Application To Horizontal Surfaces, Deduct	*-47.64*	
07 13 13 00-0005	CSF	4 Ply, 15 Lb. Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped	629.90	174.70
		For 30 Lb. Felt, Add	*210.38*	
		For Application To Horizontal Surfaces, Deduct	*-52.41*	
07 13 13 00-0006	CSF	5 Ply, 15 Lb. Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped	720.80	190.58
		For 30 Lb. Felt, Add	*254.74*	
		For Application To Horizontal Surfaces, Deduct	*-57.17*	

07 13 13 00-0007 Asphalt Coated Protective Board *(07 13 13)*

07 13 13 00-0008	CSF	1/8" Asphalt Coated Protective Board	317.17	127.54
		For Application To Horizontal Surfaces, Deduct	*-42.54*	
07 13 13 00-0009	CSF	1/4" Asphalt Coated Protective Board	421.40	132.44
		For Application To Horizontal Surfaces, Deduct	*-44.15*	
07 13 13 00-0010	CSF	3/8" Asphalt Coated Protective Board	547.00	138.01
		For Application To Horizontal Surfaces, Deduct	*-45.99*	
07 13 13 00-0011	CSF	1/2" Asphalt Coated Protective Board	611.03	143.57
		For Application To Horizontal Surfaces, Deduct	*-47.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

07 13 53 Elastomeric Sheet Waterproofing *(07 13)*

07 13 53 00-0001 Rubberized Membrane Sheet *(07 13 53)*

07 13 53 00-0002	SF	215 Mil Rubberized Asphalt Membrane Sheet, Vertical Surface	8.82	1.32
		For Floor Surfaces, Deduct	*-1.31*	

07 13 53 00-0003 Ethylene Propylene Diene Monomer (EPDM) *(07 13 53)*

07 13 53 00-0004	CSF	45 Mil Ethylene Propylene Diene Monomer (EPDM) Membrane	525.14	186.33
		For Application To Horizontal Surfaces, Deduct	*-55.89*	
07 13 53 00-0005	CSF	60 Mil Ethylene Propylene Diene Monomer (EPDM) Membrane	595.55	186.33
		For Application To Horizontal Surfaces, Deduct	*-55.89*	

07 13 53 00-0006 Butyl Sheet Waterproofing *(07 13 53)*

07 13 53 00-0007	CSF	1/32" Butyl Sheet Waterproofing	109.92	46.58
		For Joint Taping, Add	*16.23*	
		For Each Additional Ply, Add	*81.61*	
		For Application To Horizontal Surfaces, Deduct	*-7.00*	
07 13 53 00-0008	CSF	1/16" Butyl Sheet Waterproofing	130.05	46.58
		For Joint Taping, Add	*17.24*	
		For Each Additional Ply, Add	*95.70*	
		For Application To Horizontal Surfaces, Deduct	*-7.00*	

07 13 53 00-0009 Butyl With Nylon *(07 13 53)*

07 13 53 00-0010	CSF	1/32" Butyl Elastomeric Waterproofing With Nylon	121.43	46.58
		For Joint Taping, Add	*16.81*	
		For Each Additional Ply, Add	*89.67*	
		For Application To Horizontal Surfaces, Deduct	*-7.00*	
07 13 53 00-0011	CSF	1/16" Butyl Elastomeric Waterproofing With Nylon	134.37	46.58
		For Joint Taping, Add	*17.45*	
		For Each Additional Ply, Add	*98.73*	
		For Application To Horizontal Surfaces, Deduct	*-7.00*	

07 13 53 00-0012 Neoprene Sheet Waterproofing *(07 13 53)*

07 13 53 00-0013	CSF	1/32" Neoprene Sheet Waterproofing	187.62	46.58
		For Joint Taping, Add	*20.12*	
		For Each Additional Ply, Add	*136.00*	
		For Application To Horizontal Surfaces, Deduct	*-7.00*	
07 13 53 00-0014	CSF	1/16" Neoprene Sheet Waterproofing	273.28	46.58
		For Joint Taping, Add	*24.40*	
		For Each Additional Ply, Add	*195.96*	
		For Application To Horizontal Surfaces, Deduct	*-7.00*	

07 13 53 00-0015 Neoprene With Nylon *(07 13 53)*

07 13 53 00-0016	CSF	1/32" Neoprene Elastomeric Waterproofing With Nylon	196.56	46.58
		For Joint Taping, Add	*20.56*	
		For Each Additional Ply, Add	*142.26*	
		For Application To Horizontal Surfaces, Deduct	*-7.00*	
07 13 53 00-0017	CSF	1/16" Neoprene Elastomeric Waterproofing With Nylon	287.56	46.58
		For Joint Taping, Add	*25.11*	
		For Each Additional Ply, Add	*205.96*	
		For Application To Horizontal Surfaces, Deduct	*-7.00*	

07 13 53 00-0018 Plastic Vapor Barrier (Polyethylene) *(07 13 53)*

07 13 53 00-0019	CSF	4 Mil Polyethylene Vapor Barrier	38.26	13.89
		For Joint Taping, Add	*8.98*	
		For Each Additional Ply, Add	*29.86*	
		For Application To Horizontal Surfaces, Deduct	*-4.61*	
07 13 53 00-0020	CSF	6 Mil Polyethylene Vapor Barrier	39.85	13.89
		For Joint Taping, Add	*9.06*	
		For Each Additional Ply, Add	*30.97*	
		For Application To Horizontal Surfaces, Deduct	*-4.61*	
07 13 53 00-0021	CSF	10 Mil Polyethylene Vapor Barrier	66.94	13.89
		For Joint Taping, Add	*10.42*	
		For Each Additional Ply, Add	*49.93*	
		For Application To Horizontal Surfaces, Deduct	*-4.61*	
07 13 53 00-0022	CSF	60 Mil Polyethylene Vapor Barrier With Bentonite	145.60	13.89
		Note: Includes seam tape, liquid mastic, anchors and termination bar.		
		For Each Additional Ply, Add	*105.34*	
		For Application To Horizontal Surfaces, Deduct	*-5.12*	

07 13 53 00-0023 Plastic Vapor Barrier (PVC) *(07 13 53)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 13 53 00-0024	CSF	10 Mil Polyvinyl Chloride (PVC) Vapor Barrier	54.30	15.37
		For Joint Taping, Add	*9.79*	
		For Each Additional Ply, Add	*41.08*	
		For Application To Horizontal Surfaces, Deduct	*-4.61*	
07 13 53 00-0025	CSF	20 Mil Polyvinyl Chloride (PVC) Vapor Barrier	72.60	15.94
		For Joint Taping, Add	*10.97*	
		For Each Additional Ply, Add	*54.01*	
		For Application To Horizontal Surfaces, Deduct	*-4.79*	
07 13 53 00-0026	CSF	30 Mil Polyvinyl Chloride (PVC) Vapor Barrier	97.27	16.50
		For Joint Taping, Add	*12.46*	
		For Each Additional Ply, Add	*71.39*	
		For Application To Horizontal Surfaces, Deduct	*-4.95*	
07 13 53 00-0027		Vinyl Plastic Vapor Barrier *(07 13 53)*		
07 13 53 00-0028	CSF	4 Mil Vinyl Plastic Vapor Barrier With Fiberglass Insulation At Joints (Tu-Tuf #4)	47.22	14.23

07 14 Fluid-Applied Waterproofing *(07 10)*

07 14 13 Hot Fluid-Applied Rubberized Asphalt Waterproofing *(07 14)*

07 14 13 00-0001		Hot Applied Rubberized Asphalt Waterproofing Coating *(07 14 13)*		
07 14 13 00-0002	SF	90 Mil Hot Applied Rubberized Asphalt Waterproofing Coating, Vertical Surface Note: Includes primer.	2.68	1.32
		For Floor Surfaces, Deduct	*-0.37*	
		For Reinforcing Fabric, Add	*0.60*	
07 14 13 00-0003	SF	125 Mil Hot Applied Rubberized Asphalt Waterproofing Coating, Vertical Surface Note: Includes primer.	3.14	
		For Floor Surfaces, Deduct	*-0.40*	
		For Application To Horizontal Surfaces, Deduct	*-0.26*	
		For Reinforcing Fabric, Add	*0.60*	
07 14 13 00-0004		Acrylic Deck Waterproofing Coating *(07 14 13)*		
07 14 13 00-0005	SF	Pedestrian Walking Deck Waterproofing Coating System (Dex-O-Tex Weatherwear) Note: Includes primer.	20.57	
		For Floor Surfaces, Deduct	*-2.20*	
		For Reinforcing Fabric, Add	*0.60*	

07 16 Cementitious and Reactive Waterproofing *(07 10)*

07 16 13 Polymer Modified Cement Waterproofing *(07 16)*

07 16 13 00-0001	SF	Polymer Modified Cementitious Waterproofing Assembly, 2 Coats Note: As manufactured by Thoro Consumer Products. Includes Thoroseal, Acryl 60, acrylic waterproof coating and white pigmented acrylic copolymer primer.	4.99	

07 16 16 Crystalline Waterproofing *(07 16)*

07 16 16 00-0001	SF	Crystalline Cementitious Waterproofing. 2 Coats (Xypex Concentrate)	6.05	

07 16 19 Metal Oxide Waterproofing *(07 16)*

07 16 19 00-0001		Metallic Oxide Waterproofing *(07 16 19)* Note: Includes one broom applied bond coat and three brush applied waterproof coats. Excludes concrete repairs to subbase and final protective concrete surface coat. See CSI section 03 54 16 00-0001 for self leveling underlayment for concrete floors.		
07 16 19 00-0002	CSF	Catalyzed Metallic Waterproofing Treatment, Metal Oxide Waterproofing (Euclid Iron Waterpeller)	510.71	
		For Application To Horizontal Surfaces, Deduct	*-63.70*	

07 17 Bentonite Waterproofing *(07 10)*

07 17 13 Bentonite Panel Waterproofing *(07 17)*

07 17 13 00-0001	CSF	3/16" Bentonite Waterproofing Panels	529.35	152.18
		For Application To Horizontal Surfaces, Deduct	*-45.66*	
07 17 13 00-0002	CSF	1/4" Bentonite Waterproofing Panels	486.64	160.78
		For Application To Horizontal Surfaces, Deduct	*-49.42*	
07 17 13 00-0003	CSF	5/8" Bentonite Waterproofing Panels	663.74	167.67
		For Application To Horizontal Surfaces, Deduct	*-50.29*	
07 17 13 00-0004	CSF	3/8" Granular Bentonite, Troweled	535.85	139.46
		For Application To Horizontal Surfaces, Deduct	*-41.82*	

07 18 Traffic Coatings *(07 10)*

07 18 13 Pedestrian Traffic Coatings *(07 18)*

07 18 13 00-0001		Elastomeric Plaza Deck System (Garland Dura-Walk®) *(07 18 13)* Note: For pedestrian and vehicular traffic. Includes 10 year warranty. Exlucdes surface preparaion, deck crack repair, joint sealants or markings.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 18 13 00-0002	SQ	Porous Concrete Primer (Garland Dura-Walk® FC Primer Kit)	180.63	
07 18 13 00-0003	SQ	32 mils, Base Coat, One-Component, Polyurethane, Elastomeric Plaza Deck System (Garland Dura-Walk®)	511.45	
07 18 13 00-0004	SQ	16 mils, Wear Coat, One-Component, Polyurethane, Elastomeric Plaza Deck System (Garland Dura-Walk®)	295.91	
07 18 13 00-0005	SQ	16 mils, Top Coat, One-Component, Polyurethane, Elastomeric Plaza Deck System (Garland Dura-Walk®)	353.48	
07 18 13 00-0006	LF	6" Wide, Poly Joint Tape (Garland Dura-Walk®)	1.82	

07 18 16 Vehicular Traffic Coatings *(07 18)*

07 18 16 00-0001 Preparation For Vehicular Traffic Coating *(07 18 16)*

See CSI section 03 01 30 71-0027 for crack repairs, 32 17 23 00-0000 for pavement markings.

07 18 16 00-0002	SF	Grinding Of Existing Concrete Floor Prior To Installation Of Deck Coating	1.13	
07 18 16 00-0003	SF	Shot Blasting Concrete Surface For Vehicular Traffic Coating	2.68	

07 18 16 00-0004 Vehicular Traffic Coating (Sika) *(07 18 16)*

Note: Excludes surface preparaion, deck crack repair, joint sealants or pavement markings. See CSI section 03 01 30 71-0027 for crack repairs, 07 18 16 00-0001 for surface preparaion, 32 17 23 00-0000 for pavement markings.

07 18 16 00-0005	SF	23 Mil Thick, Traffic Coating, Two-Component, Elastomeric Polyurethane Waterproofing, Concrete Coating With Primer (Sika Sikalastic® 720) Note: Excludes crack repair or caulking.	3.92	
07 18 16 00-0006	SF	12 Mil Thick, Vehicular Traffic Bearing Two-Component Aliphatic, Elastomeric Polyurethane, Protective Concrete Coating (Sika Sikalastic®-745 AL) Note: Excludes crack repair or caulking.	2.41	
07 18 16 00-0007	SF	14 Mil Thick, Vehicular Traffic Bearing Two-Component Aliphatic, Elastomeric Polyurethane, Protective Concrete Coating (Sika Sikalastic®-745 AL) Note: Excludes crack repair or caulking.	2.56	
07 18 16 00-0008	SF	16 Mil Thick, Vehicular Traffic Bearing Two-Component Aliphatic, Elastomeric Polyurethane, Protective Concrete Coating (Sika Sikalastic®-745 AL) Note: Excludes crack repair or caulking.	2.73	
07 18 16 00-0009	SF	18 Mil Thick, Vehicular Traffic Bearing Two-Component Aliphatic, Elastomeric Polyurethane, Protective Concrete Coating (Sika Sikalastic®-745 AL) Note: Excludes crack repair or caulking.	2.87	
07 18 16 00-0010	SF	14 Mil Thick, Vehicular Traffic Bearing Two-Component Aliphatic, Elastomeric Polyurethane, Wear And Top Concrete Coating (Sika Sikalastic®-745 Textured) Note: Excludes crack repair or caulking.	2.78	
07 18 16 00-0011	SF	16 Mil Thick, Vehicular Traffic Bearing Two-Component Aliphatic, Elastomeric Polyurethane, Wear And Top Concrete Coating (Sika Sikalastic®-745 Textured) Note: Excludes crack repair or caulking.	3.02	
07 18 16 00-0012	SF	18 Mil Thick, Vehicular Traffic Bearing Two-Component Aliphatic, Elastomeric Polyurethane, Wear And Top Concrete Coating (Sika Sikalastic®-745 Textured) Note: Excludes crack repair or caulking.	3.27	

07 18 21 Traffic-Bearing Roof Deck Surfacing *(07 18)*

07 18 21 00-0001 Decking Coating System (Polycoat POLY-I-GARD® 575FC) *(07 18 21)*

Note: Excludes surface preparaion, deck crack repair or other joint sealants. See CSI section 07 18 16 00-0001 for surface preparaion.

07 18 21 00-0002	SF	4 Dry Mils, Epoxy Primer For Deck Coating System (Polycoat Polyprime® 21)	1.31	
07 18 21 00-0003	SF	24 ± 2 Dry Mils, Base For Deck Coating System (Polycoat PC-260)	3.76	
07 18 21 00-0004	SF	18 ± 2 Dry Mils, Topcoat For Deck Coating System (Polycoat Poly-I-Gard® 295)	3.52	
07 18 21 00-0005	SF	15 ± 2 Dry Mils, Topcoat For Deck Coating System (Polycoat Poly-I-Gard® 295) Note: Additional coat for ramps, turn radii, and other heavy traffic areas.	3.12	

07 18 21 00-0006 Weatherwear Roof Deck Coating System (Dex-O-Tex) *(07 18 21)*

07 18 21 00-0007	SF	Dex-O-Tex Weatherwear Promenade Roof Deck System Note: Includes mobilize and set up. Install Dex-O-Tex Weatherwear Promenade Roof Deck System per manufacturer's specifications and waterproof at drain locations. (Supply and installation of drains by others). Final clean up and demobilize.	38.27	
07 18 21 00-0008	LF	Dex-O-Tex 26G Bonderized 4" x 8" flashing Note: supply and install 26G Bonderized 4" x 8" flashing at deck to wall transitions per plans and specifications. (Flashing per detail A.1/3.)	17.87	
07 18 21 00-0009	SF	Dex-O-Tex G-26 Underlayment at 3" Average for Sloping Note: Includes mobilize and set up. Install Dex-O-Tex G-26 Cementitious Underlayment for sloping at 3" average per A.1/B. Clean up.	44.82	
07 18 21 00-0010	SF	Mechanically Prepare Surface For Underlayment Note: Mechanically prepare surface to create bonding profile per manufacturer specifications.	3.31	

07 19 Water Repellents *(07 10)*

07 19 13 Acrylic Sealer *(07 19)*

Note: Per coat.

07 19 13 00-0001	SF	Spray On Concrete, Acrylic Sealer	2.88	
07 19 13 00-0002	SF	Spray On Concrete Block/Brick, Acrylic Sealer	3.43	
07 19 13 00-0003	SF	Spray On Stone, Acrylic Sealer	3.77	

07 19 16 Silane Water Repellents *(07 19)*

07 19 16 00-0001 Silane Concrete Sealer *(07 19 16)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 19 16 00-0002	SF	Spray On Concrete, Water Based, Silane Penetrating Water Repellent Sealer (Specchem SpecSilane 40 WB)	0.78	
07 19 16 00-0003	SF	Spray On Concrete Block/Brick, Water Based, Silane Penetrating Water Repellent Sealer (Specchem SpecSilane 40 WB)	1.15	

07 19 16 00-0004 Silane/Siloxane Concrete Sealer *(07 19 16)*

07 19 16 00-0005	SF	Spray On Concrete, Solvent Based, Silane/Siloxane Concrete Penetrating Water Repellent Sealer (Anti-Hydro Aridox 40) Note: 40% silane, alcohol based.	1.39	
07 19 16 00-0006	SF	Spray On Concrete Block/Brick, Solvent Based, Silane/Siloxane Penetrating Water Repellent Sealer (Anti-Hydro Aridox 40) Note: 40% silane, alcohol based.	2.02	
07 19 16 00-0007	SF	Spray On Concrete, Water-Based, Silane/Siloxane Penetrating Water Repellent Sealer (Prosoco Saltguard WB) Note: 200 SF/GAL	0.55	
07 19 16 00-0008	SF	Spray On Concrete Block/Masonry, Water-Based, Silane/Siloxane Penetrating Water Repellent Sealer (Prosoco Saltguard WB)	0.80	

07 20 Thermal Protection *(07)*

07 21 Thermal Insulation *(07 20)*

07 21 13 Board Insulation *(07 21)*

Note: Types are stock sizes, mastic applied.

07 21 13 13 Foam Board Insulation *(07 21 13)*

07 21 13 13-0001 Cold Adhesive Applied Foam Board Insulation *(07 21 13 13)*

07 21 13 13-0002 Cold Adhesive Applied, Foam Glass (Cellular Glass), Foam Board Insulation *(07 21 13 13-0001)*

07 21 13 13-0003	SF	1" Thick, R3.44, Foam Glass (Cellular Glass), Foam Board Insulation, Cold Adhesive Applied	4.23	0.39
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0004	SF	1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Foam Board Insulation, Cold Adhesive Applied	5.95	0.40
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0005	SF	2" Thick, R6.88, Foam Glass (Cellular Glass), Foam Board Insulation, Cold Adhesive Applied	7.10	0.40
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0006	SF	2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Foam Board Insulation, Cold Adhesive Applied	9.39	0.41
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	

07 21 13 13-0007 Cold Adhesive Applied, Expanded Polystyrene, Foam Board Insulation *(07 21 13 13-0001)*

07 21 13 13-0008	SF	3/8" Thick, R1.44, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied	1.83	0.39
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0009	SF	1/2" Thick, R1.93, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied	1.90	0.39
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0010	SF	3/4" Thick, R2.89, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied	2.19	0.39
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0011	SF	1" Thick, R3.85, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied	2.46	0.39
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0012	SF	2" Thick, R7.70, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied	3.58	0.40
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0013	SF	3" Thick, R11.55, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied	4.68	0.41
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0014	SF	4" Thick, R15.40, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied	5.80	0.42
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0015	SF	5" Thick, R19.25, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied	6.91	0.43
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0016	SF	6" Thick, R23.1, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied	8.02	0.44
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	

07 21 13 13-0017 Cold Adhesive Applied, Extruded Polystyrene, Foam Board Insulation *(07 21 13 13-0001)*

Note: 15 PSI compressive strength.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 13-0018	SF	3/8" Thick, R1.9, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied	2.11	0.39
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.24*	
		For 40 PSI Compressive Strength, Add	*0.56*	
		For 60 PSI Compressive Strength, Add	*0.88*	
		For 115 PSI Compressive Strength, Add	*3.84*	
07 21 13 13-0019	SF	1/2" Thick, R2.5, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied	2.49	0.39
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.30*	
		For 40 PSI Compressive Strength, Add	*0.70*	
		For 60 PSI Compressive Strength, Add	*1.11*	
		For 115 PSI Compressive Strength, Add	*4.82*	
07 21 13 13-0020	SF	3/4" Thick, R3.7, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied	2.81	0.39
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.35*	
		For 40 PSI Compressive Strength, Add	*0.82*	
		For 60 PSI Compressive Strength, Add	*1.29*	
		For 115 PSI Compressive Strength, Add	*5.62*	
07 21 13 13-0021	SF	1" Thick, R5.0, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied	2.86	0.39
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.35*	
		For 40 PSI Compressive Strength, Add	*0.84*	
		For 60 PSI Compressive Strength, Add	*1.31*	
		For 115 PSI Compressive Strength, Add	*5.74*	
07 21 13 13-0022	SF	2" Thick, R10.0, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied	4.38	0.40
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.59*	
		For 40 PSI Compressive Strength, Add	*1.41*	
		For 60 PSI Compressive Strength, Add	*2.19*	
		For 115 PSI Compressive Strength, Add	*9.60*	
07 21 13 13-0023	SF	3" Thick, R15.0, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied	5.89	0.41
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.83*	
		For 40 PSI Compressive Strength, Add	*1.98*	
		For 60 PSI Compressive Strength, Add	*3.06*	
		For 115 PSI Compressive Strength, Add	*13.46*	
07 21 13 13-0024	SF	4" Thick, R20.0, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied	6.66	0.42
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.95*	
		For 40 PSI Compressive Strength, Add	*2.26*	
		For 60 PSI Compressive Strength, Add	*3.49*	
		For 115 PSI Compressive Strength, Add	*15.39*	

07 21 13 13-0025 Mechanically Fastened Foam Board Insulation *(07 21 13 13)*

Note: Mechanically fastened to wood or steel.

07 21 13 13-0026 Mechanically Fastened, Foam Glass (Cellular Glass), Foam Board Insulation *(07 21 13 13-0025)*

Note: Mechanically fastened to wood or steel.

07 21 13 13-0027	SF	1" Thick, R3.44, Foam Glass (Cellular Glass), Foam Board Insulation, Mechanically Fastened	4.16	0.39
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.78*	
		For Mechanically Fastened To Gypsum, Add	*2.30*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.37*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.81*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.55*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.21*	
07 21 13 13-0028	SF	1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Foam Board Insulation, Mechanically Fastened	5.98	0.40
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.24*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.96*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.43*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.81*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.44*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.61*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 13-0029	SF	2" Thick, R6.88, Foam Glass (Cellular Glass), Foam Board Insulation, Mechanically Fastened	7.13	0.40
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.24*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.96*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.43*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.84*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.44*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.61*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.26*	
07 21 13 13-0030	SF	2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Foam Board Insulation, Mechanically Fastened	9.52	0.41
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Gypsum, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.10*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.58*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.02*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.64*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.87*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.53*	
07 21 13 13-0031		Mechanically Fastened, Expanded Polystyrene, Foam Board Insulation *(07 21 13 13-0025)*		
07 21 13 13-0032	SF	3/8" Thick, R1.44, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	1.76	0.39
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.78*	
		For Mechanically Fastened To Gypsum, Add	*2.30*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.37*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.81*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.55*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.21*	
07 21 13 13-0033	SF	1/2" Thick, R1.93, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	1.83	0.39
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.78*	
		For Mechanically Fastened To Gypsum, Add	*2.30*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.37*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.81*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.55*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.21*	
07 21 13 13-0034	SF	3/4" Thick, R2.89, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	2.10	0.39
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.78*	
		For Mechanically Fastened To Gypsum, Add	*2.30*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.37*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.81*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.55*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.21*	
07 21 13 13-0035	SF	1" Thick, R3.85, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	2.39	0.39
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.78*	
		For Mechanically Fastened To Gypsum, Add	*2.30*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.37*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.81*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.55*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.21*	
07 21 13 13-0036	SF	2" Thick, R7.70, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	3.61	0.40
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.24*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.96*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.43*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.84*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.44*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.61*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 13-0037	SF	3" Thick, R11.55, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	4.83	0.41
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Gypsum, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.10*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.58*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.02*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.64*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.87*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.53*	
07 21 13 13-0038	SF	4" Thick, R15.40, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	6.09	0.42
		For Horizontal Surface Application, Deduct	*-0.09*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.94*	
		For Mechanically Fastened To Gypsum, Add	*2.34*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.30*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.80*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.20*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.95*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.19*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.78*	
07 21 13 13-0039	SF	5" Thick, R19.25, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	7.40	0.43
		For Horizontal Surface Application, Deduct	*-0.09*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.99*	
		For Mechanically Fastened To Gypsum, Add	*2.70*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.54*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.04*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.35*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*8.86*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.55*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*5.03*	
07 21 13 13-0040	SF	6" Thick, R23.1, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	8.80	0.44
		For Horizontal Surface Application, Deduct	*-0.09*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*2.04*	
		For Mechanically Fastened To Gypsum, Add	*2.28*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.87*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.38*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.61*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.80*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.07*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*5.42*	

07 21 13 13-0041 Mechanically Fastened, Extruded Polystyrene, Foam Board Insulation *(07 21 13 13-0025)*

Note: 15 PSI compressive strength. Mechanically fastened to wood or steel.

07 21 13 13-0042	SF	3/8" Thick, R1.9, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	2.04	0.39
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.20*	
		For 40 PSI Compressive Strength, Add	*0.48*	
		For 60 PSI Compressive Strength, Add	*0.78*	
		For 115 PSI Compressive Strength, Add	*3.34*	
		For Mechanically Fastened To Concrete, Add	*1.78*	
		For Mechanically Fastened To Gypsum, Add	*2.30*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.37*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.81*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.55*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.21*	
07 21 13 13-0043	SF	1/2" Thick, R2.5, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	2.42	0.39
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.26*	
		For 40 PSI Compressive Strength, Add	*0.63*	
		For 60 PSI Compressive Strength, Add	*1.00*	
		For 115 PSI Compressive Strength, Add	*4.32*	
		For Mechanically Fastened To Concrete, Add	*1.78*	
		For Mechanically Fastened To Gypsum, Add	*2.30*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.37*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.81*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.55*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 13-0044	SF	3/4" Thick, R3.7, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	2.73	0.39
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.31*	
		For 40 PSI Compressive Strength, Add	*0.74*	
		For 60 PSI Compressive Strength, Add	*1.18*	
		For 115 PSI Compressive Strength, Add	*5.11*	
		For Mechanically Fastened To Concrete, Add	*1.78*	
		For Mechanically Fastened To Gypsum, Add	*2.30*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.37*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.81*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.55*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.21*	
07 21 13 13-0045	SF	1" Thick, R5.0, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	2.79	0.39
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.32*	
		For 40 PSI Compressive Strength, Add	*0.76*	
		For 60 PSI Compressive Strength, Add	*1.20*	
		For 115 PSI Compressive Strength, Add	*5.24*	
		For Mechanically Fastened To Concrete, Add	*1.78*	
		For Mechanically Fastened To Gypsum, Add	*2.30*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.37*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.81*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.55*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.21*	
07 21 13 13-0046	SF	2" Thick, R10.0, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	4.41	0.40
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.58*	
		For 40 PSI Compressive Strength, Add	*1.37*	
		For 60 PSI Compressive Strength, Add	*2.13*	
		For 115 PSI Compressive Strength, Add	*9.33*	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.24*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.96*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.43*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.84*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.44*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.61*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.26*	
07 21 13 13-0047	SF	3" Thick, R15.0, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	6.03	0.41
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.83*	
		For 40 PSI Compressive Strength, Add	*1.97*	
		For 60 PSI Compressive Strength, Add	*3.05*	
		For 115 PSI Compressive Strength, Add	*13.42*	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Gypsum, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.10*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.58*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.02*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.64*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.87*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.53*	
07 21 13 13-0048	SF	4" Thick, R20.0, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	6.95	0.42
		For Horizontal Surface Application, Deduct	*-0.09*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.98*	
		For 40 PSI Compressive Strength, Add	*2.32*	
		For 60 PSI Compressive Strength, Add	*3.58*	
		For 115 PSI Compressive Strength, Add	*15.76*	
		For Mechanically Fastened To Concrete, Add	*1.94*	
		For Mechanically Fastened To Gypsum, Add	*2.34*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.30*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.80*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.20*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.95*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.19*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.78*	

07 21 13 16 Fibrous Board Insulation *(07 21 13)*

07 21 13 16-0001 Cold Adhesive Applied Fibrous Board Insulation *(07 21 13 16)*

07 21 13 16-0002 Cold Adhesive Applied, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation *(07 21 13 16-0001)*

07 21 13 16-0003	SF	1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Cold Adhesive Applied	2.66	0.49
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 16-0004	SF	2" Thick, R5.2, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Cold Adhesive Applied	3.95	0.59
		For Horizontal Surface Application, Deduct	*-0.10*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 16-0005	SF	3" Thick, R7.8, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Cold Adhesive Applied	5.23	0.68
		For Horizontal Surface Application, Deduct	*-0.12*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	

07 21 13 16-0006 Cold Adhesive Applied, Fiberglass, Fibrous Board Insulation *(07 21 13 16-0001)*

07 21 13 16-0007	SF	1" Thick, R4.2, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied	4.89	0.39
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 16-0008	SF	1-1/2" Thick, R6.0, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied	5.80	0.40
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 16-0009	SF	2" Thick, R8.0, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied	7.18	0.40
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 16-0010	SF	2-1/2" Thick, R10.0, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied	8.30	0.40
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 16-0011	SF	3" Thick, R12.4, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied	9.42	0.41
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	

07 21 13 16-0012 Mechanically Fastened Fibrous Board Insulation *(07 21 13 16)*

Note: Mechanically fastened to wood or steel.

07 21 13 16-0013 Mechanically Fastened, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation *(07 21 13 16-0012)*

Note: Mechanically fastened to wood or steel.

07 21 13 16-0014	SF	1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Mechanically Fastened	2.46	0.49
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.78*	
		For Mechanically Fastened To Gypsum, Add	*2.30*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.37*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.81*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.55*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.21*	
07 21 13 16-0015	SF	2" Thick, R5.2, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Mechanically Fastened	3.84	0.59
		For Horizontal Surface Application, Deduct	*-0.10*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.24*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.96*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.43*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.84*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.44*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.61*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.26*	
07 21 13 16-0016	SF	3" Thick, R7.8, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Mechanically Fastened	5.21	0.68
		For Horizontal Surface Application, Deduct	*-0.12*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Gypsum, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.10*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.58*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.02*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.64*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.87*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.53*	

07 21 13 16-0017 Mechanically Fastened, Fiberglass, Fibrous Board Insulation *(07 21 13 16-0012)*

Note: Mechanically fastened to wood or steel.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 16-0018	SF	1" Thick, R4.2, Fiberglass, Fibrous Board Insulation, Mechanically Fastened	4.82	0.39
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.78*	
		For Mechanically Fastened To Gypsum, Add	*2.30*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.37*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.81*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.55*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.21*	
07 21 13 16-0019	SF	1-1/2" Thick, R6.0, Fiberglass, Fibrous Board Insulation, Mechanically Fastened	5.83	0.40
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.24*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.96*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.43*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.81*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.44*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.61*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.21*	
07 21 13 16-0020	SF	2" Thick, R8.0, Fiberglass, Fibrous Board Insulation, Mechanically Fastened	7.21	0.40
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.24*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.96*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.43*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.84*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.44*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.61*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.26*	
07 21 13 16-0021	SF	2-1/2" Thick, R10.0, Fiberglass, Fibrous Board Insulation, Mechanically Fastened	8.44	0.40
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.10*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.58*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.64*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.87*	
		For Mechanically Fastened To Gypsum, Add	*2.27*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.97*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.45*	
07 21 13 16-0022	SF	3" Thick, R12.4, Fiberglass, Fibrous Board Insulation, Mechanically Fastened	9.56	0.41
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Gypsum, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.10*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.58*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.02*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.64*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.87*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.53*	

07 21 13 19 Mineral Board Insulation *(07 21 13)*

07 21 13 19-0001 Cold Adhesive Applied Mineral Board Insulation *(07 21 13 19)*

07 21 13 19-0002 Cold Adhesive Applied, High-Density Fiberboard, Mineral Board Insulation *(07 21 13 19-0001)*

07 21 13 19-0003	SF	1/2" Thick, R1.3, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied	2.00	0.44
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 19-0004	SF	25/32" Thick, R1.9, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied	2.39	0.46
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 19-0005	SF	1" Thick, R2.5, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied	2.79	0.49
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 19-0006	SF	1-1/2" Thick, R3.8, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied	3.51	0.54
		For Horizontal Surface Application, Deduct	*-0.09*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 19-0007	SF	2" Thick, R5.0, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied	4.22	0.59
		For Horizontal Surface Application, Deduct	*-0.10*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 19-0008	SF	3" Thick, R7.5, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied	5.64	0.68
		For Horizontal Surface Application, Deduct	*-0.12*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 19-0009		Mechanically Fastened Mineral Board Insulation *(07 21 13 19)*		
		Note: Mechanically fastened to wood or steel.		
07 21 13 19-0010		Mechanically Fastened, High-Density Fiberboard, Mineral Board Insulation *(07 21 13 19-0009)*		
		Note: Mechanically fastened to wood or steel.		
07 21 13 19-0011	SF	1/2" Thick, R1.3, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened	1.79	0.44
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.78*	
		For Mechanically Fastened To Gypsum, Add	*2.30*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.37*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.81*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.55*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.21*	
07 21 13 19-0012	SF	25/32" Thick, R1.9, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened	2.19	0.46
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.78*	
		For Mechanically Fastened To Gypsum, Add	*2.30*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.37*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.81*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.55*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.21*	
07 21 13 19-0013	SF	1" Thick, R2.5, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened	2.59	0.49
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.78*	
		For Mechanically Fastened To Gypsum, Add	*2.30*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.37*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.81*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.55*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.21*	
07 21 13 19-0014	SF	1-1/2" Thick, R3.8, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened	3.40	0.54
		For Horizontal Surface Application, Deduct	*-0.09*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.24*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.96*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.43*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.81*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.44*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.61*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.21*	
07 21 13 19-0015	SF	2" Thick, R5.0, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened	4.11	0.59
		For Horizontal Surface Application, Deduct	*-0.10*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.24*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.96*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.43*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.84*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.44*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.61*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.26*	
07 21 13 19-0016	SF	3" Thick, R7.5, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened	5.62	0.68
		For Horizontal Surface Application, Deduct	*-0.12*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Gypsum, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.10*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.58*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.02*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.64*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.87*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.53*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 16		**Blanket Insulation** *(07 21)*		
		Note: All insulation rolls or batts applied to wood or steel studs or between rafters or between metal building "skin" and framing.		
07 21 16 00-0001		Fiberglass Flexible Insulation *(07 21 16)*		
		Note: Rolls or batts.		
07 21 16 00-0002		Kraft Faced, Fiberglass Flexible Insulation *(07 21 16 00-0001)*		
07 21 16 00-0003	SF	3-1/2" Thick, Kraft Faced, R-11 Fiberglass Flexible Insulation	1.55	0.46
		For >1,600, Deduct	*-0.18*	
07 21 16 00-0004	SF	3-1/2" Thick, Kraft Faced, R-13 Fiberglass Flexible Insulation	1.68	0.46
		For >1,600, Deduct	*-0.20*	
07 21 16 00-0005	SF	3-1/2" Thick, Kraft Faced, R-15 Fiberglass Flexible Insulation	1.73	0.46
		For >1,600, Deduct	*-0.21*	
07 21 16 00-0006	SF	5-1/2" Thick, Kraft Faced, R-21 Fiberglass Flexible Insulation	2.33	0.46
		For >1,600, Deduct	*-0.33*	
07 21 16 00-0007	SF	6-1/4" Thick, Kraft Faced, R-19 Fiberglass Flexible Insulation	1.96	0.46
		For >1,600, Deduct	*-0.25*	
07 21 16 00-0008	SF	9-1/2" Thick, Kraft Faced, R-30 Fiberglass Flexible Insulation	2.75	0.57
		For >1,600, Deduct	*-0.38*	
07 21 16 00-0009	SF	12" Thick, Kraft Faced, R-38 Fiberglass Flexible Insulation	3.12	0.57
		For >1,600, Deduct	*-0.43*	
07 21 16 00-0010		Unfaced, Fiberglass Flexible Insulation *(07 21 16 00-0001)*		
07 21 16 00-0011	SF	3-1/2" Thick, Unfaced, R-11 Fiberglass Flexible Insulation	1.47	0.46
		For >1,600, Deduct	*-0.16*	
07 21 16 00-0012	SF	3-1/2" Thick, Unfaced, R-13 Fiberglass Flexible Insulation	1.62	0.46
		For >1,600, Deduct	*-0.19*	
07 21 16 00-0013	SF	3-1/2" Thick, Unfaced, R-15 Fiberglass Flexible Insulation	2.07	0.46
		For >1,600, Deduct	*-0.28*	
07 21 16 00-0014	SF	5-1/2" Thick, Unfaced, R-21 Fiberglass Flexible Insulation	2.24	0.46
		For >1,600, Deduct	*-0.31*	
07 21 16 00-0015	SF	6-1/4" Thick, Unfaced, R-19 Fiberglass Flexible Insulation	2.33	0.46
		For >1,600, Deduct	*-0.32*	
07 21 16 00-0016	SF	9-1/2" Thick, Unfaced, R-30 Fiberglass Flexible Insulation	2.58	0.57
		For >1,600, Deduct	*-0.35*	
07 21 16 00-0017	SF	12" Thick, Unfaced, R-38 Fiberglass Flexible Insulation	3.01	0.57
		For >1,600, Deduct	*-0.41*	
07 21 16 00-0018		Foil Faced, Fiberglass Flexible Insulation *(07 21 16 00-0001)*		
07 21 16 00-0019	SF	3-1/2" Thick, Foil Faced, R-11 Fiberglass Flexible Insulation	1.79	0.46
		For >1,600, Deduct	*-0.22*	
07 21 16 00-0020	SF	3-1/2" Thick, Foil Faced, R-13 Fiberglass Flexible Insulation	2.01	0.46
		For >1,600, Deduct	*-0.27*	
07 21 16 00-0021	SF	6-1/4" Thick, Foil Faced, R-19 Fiberglass Flexible Insulation	2.26	0.46
		For >1,600, Deduct	*-0.31*	
07 21 16 00-0022	SF	10-1/4" Thick, Foil Faced, R-38 Fiberglass Flexible Insulation	3.22	0.57
		For >1,600, Deduct	*-0.46*	
07 21 16 00-0023	SF	12" Thick, Foil Faced, R-38 Fiberglass Flexible Insulation	3.53	0.57
		For >1,600, Deduct	*-0.51*	
07 21 16 00-0024		Poly-Encapsulated, Fiberglass Flexible Insulation *(07 21 16 00-0001)*		
07 21 16 00-0025	SF	3-1/2" Thick, Poly-Encapsulated, R-11 Fiberglass Flexible Insulation	1.60	0.46
		For >1,600, Deduct	*-0.19*	
07 21 16 00-0026	SF	3-1/2" Thick, Poly-Encapsulated, R-13 Fiberglass Flexible Insulation	1.73	0.46
		For >1,600, Deduct	*-0.21*	
07 21 16 00-0027	SF	5-1/2" Thick, Poly-Encapsulated, R-21 Fiberglass Flexible Insulation	2.41	0.46
		For >1,600, Deduct	*-0.34*	
07 21 16 00-0028	SF	6-1/2" Thick, Poly-Encapsulated, R-19 Fiberglass Flexible Insulation	1.98	0.46
		For >1,600, Deduct	*-0.25*	
07 21 16 00-0029	SF	8-1/4" Thick, Poly-Encapsulated, R-25 Fiberglass Flexible Insulation	2.68	0.57
		For >1,600, Deduct	*-0.38*	
07 21 16 00-0030	SF	10-1/4" Thick, Poly-Encapsulated, R-30 Fiberglass Flexible Insulation	3.01	0.57
		For >1,600, Deduct	*-0.41*	
07 21 16 00-0031		Mineral Wool Flexible Insulation *(07 21 16)*		
07 21 16 00-0032		Kraft Faced, Mineral Wool Flexible Insulation *(07 21 16 00-0031)*		
07 21 16 00-0033	SF	3-1/2" Kraft Faced, R-11 Mineral Wool Flexible Insulation	1.75	0.46
		For >1,600, Deduct	*-0.22*	
07 21 16 00-0034	SF	6-1/4" Kraft Faced, R-19 Mineral Wool Flexible Insulation	2.36	0.46
		For >1,600, Deduct	*-0.33*	
07 21 16 00-0035	SF	9-1/2" Kraft Faced, R-30 Mineral Wool Flexible Insulation	3.73	0.46
		For >1,600, Deduct	*-0.58*	
07 21 16 00-0036	SF	12" Kraft Faced, R-38 Mineral Wool Flexible Insulation	4.44	0.46
		For >1,600, Deduct	*-0.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 16 00-0037		Unfaced, Mineral Wool Flexible Insulation *(07 21 16 00-0031)*		
07 21 16 00-0038	SF	3-1/2" Unfaced, R-11 Mineral Wool Flexible Insulation	1.62	0.46
		For >1,600, Deduct	*-0.19*	
07 21 16 00-0039	SF	6-1/4" Unfaced, R-19 Mineral Wool Flexible Insulation	2.15	0.46
		For >1,600, Deduct	*-0.28*	
07 21 16 00-0040	SF	9-1/2" Unfaced, R-30 Mineral Wool Flexible Insulation	3.34	0.46
		For >1,600, Deduct	*-0.50*	
07 21 16 00-0041	SF	12" Unfaced, R-38 Mineral Wool Flexible Insulation	3.97	0.46
		For >1,600, Deduct	*-0.60*	
07 21 16 00-0042		Natural Cotton Insulation *(07 21 16)*		
07 21 16 00-0043		UltraTouch™ Natural Cotton Insulation *(07 21 16 00-0042)*		
		Note: 85% recycled denim cotton.		
07 21 16 00-0044	SF	3-1/2", R-13 UltraTouch™ Natural Cotton Insulation	2.43	0.46
		For >1,600, Deduct	*-0.35*	
07 21 16 00-0045	SF	5-1/2", R-19 UltraTouch™ Natural Cotton Insulation	2.72	0.46
		For >1,600, Deduct	*-0.40*	
07 21 16 00-0046	SF	5-1/2", R-21 UltraTouch™ Natural Cotton Insulation	3.06	0.46
		For >1,600, Deduct	*-0.47*	
07 21 16 00-0047	SF	8", R-30 UltraTouch™ Natural Cotton Insulation	4.10	0.46
		For >1,600, Deduct	*-0.66*	
07 21 23		**Loose-Fill Insulation** *(07 21)*		
07 21 23 00-0001		Poured Type, Loose Fill Insulation *(07 21 23)*		
07 21 23 00-0002	CF	R-4/Inch, Poured Type, Fiberglass Loose Fill Insulation	6.97	2.64
07 21 23 00-0003	CF	R-3.8/Inch, Poured Type, Cellulose Loose Fill Insulation	7.46	2.64
07 21 23 00-0004		Concrete Block Wall Cavity Insulation *(07 21 23)*		
07 21 23 00-0005	CF	R-2.7, Vermiculite Or Perlite, Concrete Block Wall Cavity Insulation	9.99	2.64
07 21 23 00-0006	CF	R-4, Polystyrene Foam, Concrete Block Wall Cavity Insulation	9.89	2.64
07 21 26		**Blown Insulation** *(07 21)*		
07 21 26 00-0001		Fiberglass Blown-In Insulation *(07 21 26)*		
07 21 26 00-0002		Attic, Fiberglass Blown-In Insulation *(07 21 26 00-0001)*		
07 21 26 00-0003	SF	4-1/2" Thick, R-11 Attic, Fiberglass Blown In Insulation	1.54	1.21
07 21 26 00-0004	SF	5-1/4" Thick, R-13 Attic, Fiberglass Blown In Insulation	1.72	1.33
07 21 26 00-0005	SF	6-1/2" Thick, R-17 Attic, Fiberglass Blown In Insulation	1.92	1.46
07 21 26 00-0006	SF	7-1/2" Thick, R-19 Attic, Fiberglass Blown In Insulation	2.15	1.58
07 21 26 00-0007	SF	8-1/2" Thick, R-22 Attic, Fiberglass Blown In Insulation	2.28	1.63
07 21 26 00-0008	SF	10-1/4" Thick, R-26 Attic, Fiberglass Blown In Insulation	2.48	1.70
07 21 26 00-0009	SF	11-1/2" Thick, R-30 Attic, Fiberglass Blown In Insulation	2.67	1.75
07 21 26 00-0010	SF	12-1/2" Thick, R-32 Attic, Fiberglass Blown In Insulation	2.81	1.82
07 21 26 00-0011	SF	13-1/2" Thick, R-35 Attic, Fiberglass Blown In Insulation	3.02	1.94
07 21 26 00-0012	SF	14-1/2" Thick, R-38 Attic, Fiberglass Blown In Insulation	3.19	2.00
07 21 26 00-0013	SF	16-1/2" Thick, R-44 Attic, Fiberglass Blown In Insulation	3.44	2.06
07 21 26 00-0014	SF	18-1/2" Thick, R-49 Attic, Fiberglass Blown In Insulation	3.74	2.18
07 21 26 00-0015	SF	21-3/4" Thick, R-60 Attic, Fiberglass Blown In Insulation	4.35	2.43
07 21 26 00-0016		New Wall, Fiberglass Blown-In Insulation *(07 21 26 00-0001)*		
07 21 26 00-0017	SF	3-1/2" Thick, R-15 New Wall, Fiberglass Blown In Insulation	2.34	1.21
07 21 26 00-0018	SF	5-1/2" Thick, R-23 New Wall, Fiberglass Blown In Insulation	3.15	1.46
07 21 26 00-0019	SF	7-1/4" Thick, R-31 New Wall, Fiberglass Blown In Insulation	3.75	1.58
07 21 26 00-0020	SF	9-1/4" Thick, R-39 New Wall, Fiberglass Blown In Insulation	4.48	1.70
07 21 26 00-0021		Existing Wall, Fiberglass Blown-In Insulation *(07 21 26 00-0001)*		
		Note: Includes drilling. Excludes patching.		
07 21 26 00-0022	SF	3-1/2" Thick, R-15 Existing Wall, Fiberglass Blown In Insulation	2.21	1.21
07 21 26 00-0023	SF	5-1/2" Thick, R-23 Existing Wall, Fiberglass Blown In Insulation	3.02	1.46
07 21 26 00-0024	SF	7-1/4" Thick, R-31 Existing Wall, Fiberglass Blown In Insulation	3.62	1.58
07 21 26 00-0025	SF	9-1/4" Thick, R-39 Existing Wall, Fiberglass Blown In Insulation	4.36	1.70
07 21 26 00-0026		Cellulose Blown-In Insulation *(07 21 26)*		
07 21 26 00-0027		Attic, Cellulose Blown-In Insulation *(07 21 26 00-0026)*		
07 21 26 00-0028	SF	3-3/4" Thick, R-13 Attic, Cellulose Blown In Insulation	1.63	1.21
07 21 26 00-0029	SF	5-1/2" Thick, R-19 Attic, Cellulose Blown In Insulation	1.97	1.33
07 21 26 00-0030	SF	6-1/4" Thick, R-22 Attic, Cellulose Blown In Insulation	2.21	1.46
07 21 26 00-0031	SF	7-3/4" Thick, R-28 Attic, Cellulose Blown In Insulation	2.59	1.58
07 21 26 00-0032	SF	8-1/2" Thick, R-30 Attic, Cellulose Blown In Insulation	2.65	1.58
07 21 26 00-0033	SF	10-3/4" Thick, R-38 Attic, Cellulose Blown In Insulation	3.10	1.70
07 21 26 00-0034	SF	11-1/4" Thick, R-40 Attic, Cellulose Blown In Insulation	3.19	1.70

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 26 00-0035	SF	12-1/2" Thick, R-45 Attic, Cellulose Blown In Insulation	3.49	1.82
07 21 26 00-0036	SF	13-3/4" Thick, R-50 Attic, Cellulose Blown In Insulation	3.73	1.82
07 21 26 00-0037	SF	15-1/2" Thick, R-55 Attic, Cellulose Blown In Insulation	4.03	1.94
07 21 26 00-0038	SF	16-1/2" Thick, R-60 Attic, Cellulose Blown In Insulation	4.26	1.94
07 21 26 00-0039		New Wall, Cellulose Blown-In Insulation *(07 21 26 00-0026)*		
07 21 26 00-0040	SF	3-1/2" Thick, R-13 New Wall, Cellulose Blown In Insulation	2.23	1.21
07 21 26 00-0041	SF	5-1/2" Thick, R-20 New Wall, Cellulose Blown In Insulation	2.99	1.46
07 21 26 00-0042	SF	7-1/4" Thick, R-27 New Wall, Cellulose Blown In Insulation	3.53	1.58
07 21 26 00-0043	SF	9-1/4" Thick, R-34 New Wall, Cellulose Blown In Insulation	4.20	1.70
07 21 26 00-0044		Existing Wall, Cellulose Blown-In Insulation *(07 21 26 00-0026)*		
		Note: Includes drilling. Excludes patching.		
07 21 26 00-0045	SF	3-1/2" Thick, R-13 Existing Wall, Cellulose Blown In Insulation	2.10	1.21
07 21 26 00-0046	SF	5-1/2" Thick, R-20 Existing Wall, Cellulose Blown In Insulation	2.87	1.46
07 21 26 00-0047	SF	7-1/4" Thick, R-27 Existing Wall, Cellulose Blown In Insulation	3.41	1.58
07 21 26 00-0048	SF	9-1/4" Thick, R-34 Existing Wall, Cellulose Blown In Insulation	4.07	1.70
07 21 29		**Sprayed Insulation** *(07 21)*		
07 21 29 00-0001		Fiber Sprayed On Insulation *(07 21 29)*		
		Note: Per each 1" of thickness.		
07 21 29 00-0002	SF	1" Thick, R2.7, Spray-on Perlite Insulation	2.72	0.78
07 21 29 00-0003	SF	1" Thick, R3.7, Spray-on Fibrous/Cementitious Insulation	1.98	0.78
07 21 29 00-0004		Cellulose Sprayed On Insulation *(07 21 29)*		
07 21 29 00-0005	SF	1" Thick, Spray-on Cellulose Insulation	3.91	0.78
07 21 53		**Reflective Insulation** *(07 21)*		
07 21 53 00-0001		Reflective Barrier Insulation (Foil - Single Bubble - Foil) *(07 21 53)*		
07 21 53 00-0002	SF	3/16" Nominal Thickness, Reflective Barrier Insulation, With Single Bubble Air Space	1.17	
07 21 53 00-0003		Reflective Radiant Foil Backed Paper *(07 21 53)*		
07 21 53 00-0004	CSF	Reflective Radiant Foil Backed Kraft Paper With Tape	73.35	24.03
		For >15' To 20' Installed Height, Add	*4.79*	
		For >20' To 25' Installed Height, Add	*7.19*	
		For >25' To 30' Installed Height, Add	*11.99*	

07 22 Roof and Deck Insulation *(07 20)*

07 22 16 Roof Board Insulation *(07 22)*

Note: Use these items for specified related installations with systems per CSI section 07 50 00. Items are for single layer of panels attached per FM I-90 requirements. Types are stock sizes set in cold applied adhesive. Apply modifiers for specified alternate attachment.

07 22 16 00-0001		Rigid Board Roofing Insulation *(07 22 16)*		
		Note: Use these items for specified related installations with systems per CSI section 07 50 00. Items are for single layer of panels attached per FM I-90 requirements. See CSI section 07 22 16 00-0466 for demolition of insulation board.		
07 22 16 00-0002		Cold Adhesive Applied Rigid Board Roofing Insulation *(07 22 16 00-0001)*		
07 22 16 00-0003		Cold Adhesive Applied, High-Density Fiberboard, Roof Board Insulation *(07 22 16 00-0002)*		
07 22 16 00-0004	SF	1/2" Thick, R1.3, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied	2.70	
07 22 16 00-0005	SF	25/32" Thick, R1.9, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied	3.13	
07 22 16 00-0006	SF	1" Thick, R2.5, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied	3.56	
07 22 16 00-0007	SF	1-1/2" Thick, R3.8, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied	4.35	
07 22 16 00-0008	SF	2" Thick, R5, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied	5.14	
07 22 16 00-0009		Cold Adhesive Applied, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation *(07 22 16 00-0002)*		
07 22 16 00-0010	SF	1/2" Thick, R1.3, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Cold Adhesive Applied	2.94	
07 22 16 00-0011	SF	1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Cold Adhesive Applied	3.43	
07 22 16 00-0012		Cold Adhesive Applied, Perlite, Roof Board Insulation *(07 22 16 00-0002)*		
07 22 16 00-0013	SF	1/2" Thick, R1.32, Perlite, Roof Board Insulation, Cold Adhesive Applied	2.61	
07 22 16 00-0014	SF	1/2" Thick, R1.32, Perlite, Roof Board Insulation, Cold Adhesive Applied	2.61	
07 22 16 00-0015	SF	3/4" Thick, R2.08, Perlite, Roof Board Insulation, Cold Adhesive Applied	2.87	
07 22 16 00-0016	SF	1" Thick, R2.78, Perlite, Roof Board Insulation, Cold Adhesive Applied	3.18	
07 22 16 00-0017	SF	1-1/2" Thick, R4.17, Perlite, Roof Board Insulation, Cold Adhesive Applied	3.92	
07 22 16 00-0018	SF	2" Thick, R5.56, Perlite, Roof Board Insulation, Cold Adhesive Applied	4.41	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0019		Cold Adhesive Applied, Basalt Mineral Wool, Roof Board Insulation *(07 22 16 00-0002)*			
07 22 16 00-0020	SF	1" Thick, R3.5, Basalt Mineral Wool, Roof Board Insulation, Cold Adhesive Applied		3.59	
07 22 16 00-0021	SF	2" Thick, R7.4, Basalt Mineral Wool, Roof Board Insulation, Cold Adhesive Applied		4.78	
07 22 16 00-0022	SF	3" Thick, R11.1, Basalt Mineral Wool, Roof Board Insulation, Cold Adhesive Applied		6.19	
07 22 16 00-0023		Cold Adhesive Applied, Foam Glass (Cellular Glass), Roof Board Insulation *(07 22 16 00-0002)*			
07 22 16 00-0024	SF	1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Roof Board Insulation, Cold Adhesive Applied		6.57	
07 22 16 00-0025	SF	2" Thick, R6.88, Foam Glass (Cellular Glass), Roof Board Insulation, Cold Adhesive Applied		7.73	
07 22 16 00-0026	SF	2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Roof Board Insulation, Cold Adhesive Applied		10.04	
07 22 16 00-0027	SF	3-1/2" Thick, R12.04, Foam Glass (Cellular Glass), Roof Board Insulation, Cold Adhesive Applied		13.15	
07 22 16 00-0028		Cold Adhesive Applied, Molded Expanded Polystyrene, Roof Board Insulation *(07 22 16 00-0002)*			
07 22 16 00-0029	SF	3/8" Thick, R1.44, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied		2.27	
		For Loose-Laid, Deduct		*-1.24*	
07 22 16 00-0030	SF	1/2" Thick, R1.93, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied		2.34	
		For Loose-Laid, Deduct		*-1.24*	
07 22 16 00-0031	SF	3/4" Thick, R2.89, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied		2.63	
		For Loose-Laid, Deduct		*-1.25*	
07 22 16 00-0032	SF	1" Thick, R3.85, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied		2.91	
		For Loose-Laid, Deduct		*-1.25*	
07 22 16 00-0033	SF	2" Thick, R7.70, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied		4.03	
		For Loose-Laid, Deduct		*-1.26*	
07 22 16 00-0034	SF	3" Thick, R11.55, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied		5.15	
		For Loose-Laid, Deduct		*-1.28*	
07 22 16 00-0035	SF	4" Thick, R15.40, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied		6.28	
		For Loose-Laid, Deduct		*-1.29*	
07 22 16 00-0036	SF	5" Thick, R19.25, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied		7.39	
		For Loose-Laid, Deduct		*-1.30*	
07 22 16 00-0037	SF	6" Thick, R23.1, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied		8.52	
		For Loose-Laid, Deduct		*-1.32*	
07 22 16 00-0038		Cold Adhesive Applied, Extruded Polystyrene, Roof Board Insulation *(07 22 16 00-0002)*			
		Note: 15 PSI compressive strength.			
07 22 16 00-0039	SF	3/4" Thick, R3.7, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied		3.42	
		For Loose-Laid, Deduct		*-1.33*	
		For 25 PSI Compressive Strength, Add		*0.35*	
		For 40 PSI Compressive Strength, Add		*0.82*	
		For 60 PSI Compressive Strength, Add		*1.32*	
		For 115 PSI Compressive Strength, Add		*5.68*	
07 22 16 00-0040	SF	1" Thick, R5.0, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied		3.48	
		For Loose-Laid, Deduct		*-1.34*	
		For 25 PSI Compressive Strength, Add		*0.35*	
		For 40 PSI Compressive Strength, Add		*0.84*	
		For 60 PSI Compressive Strength, Add		*1.35*	
		For 115 PSI Compressive Strength, Add		*5.81*	
07 22 16 00-0041	SF	1-1/2" Thick, R7.5, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied		4.41	
		For Loose-Laid, Deduct		*-1.34*	
		For 25 PSI Compressive Strength, Add		*0.50*	
		For 40 PSI Compressive Strength, Add		*1.19*	
		For 60 PSI Compressive Strength, Add		*1.88*	
		For 100 PSI Compressive Strength, Add		*2.42*	
		For 115 PSI Compressive Strength, Add		*8.20*	
07 22 16 00-0042	SF	2" Thick, R10.0, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied		5.01	
		For Loose-Laid, Deduct		*-1.35*	
		For 25 PSI Compressive Strength, Add		*0.59*	
		For 40 PSI Compressive Strength, Add		*1.41*	
		For 60 PSI Compressive Strength, Add		*2.22*	
		For 115 PSI Compressive Strength, Add		*9.66*	
07 22 16 00-0043	SF	2-1/2" Thick, R12.5, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied		6.05	
		For Loose-Laid, Deduct		*-1.35*	
		For 25 PSI Compressive Strength, Add		*0.76*	
		For 40 PSI Compressive Strength, Add		*1.81*	
		For 60 PSI Compressive Strength, Add		*2.82*	
		For 100 PSI Compressive Strength, Add		*3.63*	
		For 115 PSI Compressive Strength, Add		*12.34*	
07 22 16 00-0044	SF	3" Thick, R15.0, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied		6.54	
		For Loose-Laid, Deduct		*-1.37*	
		For 25 PSI Compressive Strength, Add		*0.83*	
		For 40 PSI Compressive Strength, Add		*1.98*	
		For 60 PSI Compressive Strength, Add		*3.09*	
		For 115 PSI Compressive Strength, Add		*13.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0045	SF	4" Thick, R20.0, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied	7.32	
		For Loose-Laid, Deduct	*-1.38*	
		For 25 PSI Compressive Strength, Add	*0.95*	
		For 40 PSI Compressive Strength, Add	*2.26*	
		For 60 PSI Compressive Strength, Add	*3.52*	
		For 115 PSI Compressive Strength, Add	*15.45*	
07 22 16 00-0046		**Cold Adhesive Applied, Polyisocyanurate Board Roofing Insulation** *(07 22 16 00-0002)*		
07 22 16 00-0047	SF	3/4" Thick, R4.3, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	3.08	
		For Loose-Laid, Deduct	*-1.33*	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.18*	
07 22 16 00-0048	SF	1" Thick, R5.7, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	3.19	
		For Loose-Laid, Deduct	*-1.34*	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.19*	
07 22 16 00-0049	SF	1-1/2" Thick, R8.6, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	3.37	
		For Loose-Laid, Deduct	*-1.34*	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.21*	
07 22 16 00-0050	SF	2" Thick, R11.4, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	3.84	
		For Loose-Laid, Deduct	*-1.35*	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.25*	
07 22 16 00-0051	SF	2-1/2" Thick, R14.4, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	4.31	
		For Loose-Laid, Deduct	*-1.36*	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.30*	
07 22 16 00-0052	SF	3" Thick, R17.4, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	4.79	
		For Loose-Laid, Deduct	*-1.37*	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.35*	
07 22 16 00-0053	SF	3-1/2" Thick, R20.5, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	5.30	
		For Loose-Laid, Deduct	*-1.38*	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.40*	
07 22 16 00-0054	SF	4" Thick, R23.6, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	5.75	
		For Loose-Laid, Deduct	*-1.38*	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.44*	
07 22 16 00-0055		**Cold Adhesive Applied, High-Density Polyisocyanurate Cover Board And Roofing Insulation** *(07 22 16 00-0002)*		
07 22 16 00-0056	SF	1/2" Thick, R2.5, High-Density Polyisocyanurate Cover Board And Roofing Insulation, Cold Adhesive Applied	3.57	
07 22 16 00-0057		**Cold Adhesive Applied, Gypsum-Fiber, Roof Board Insulation (USG Securock)** *(07 22 16 00-0002)*		
07 22 16 00-0058	SF	1/4" Thick, R0.2, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Cold Adhesive Applied	3.31	
07 22 16 00-0059	SF	3/8" Thick, R0.3, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Cold Adhesive Applied	3.50	
07 22 16 00-0060	SF	1/2" Thick, R0.5, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Cold Adhesive Applied	3.63	
07 22 16 00-0061	SF	5/8" Thick, R0.6, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Cold Adhesive Applied	3.70	
07 22 16 00-0062		**Cold Adhesive Applied, Glass-Mat, Roof Board Insulation (USG Securock)** *(07 22 16 00-0002)*		
07 22 16 00-0063	SF	1/4" Thick, R0.36, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Cold Adhesive Applied	3.24	
07 22 16 00-0064	SF	1/2" Thick, R0.53, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Cold Adhesive Applied	3.53	
07 22 16 00-0065	SF	5/8" Thick, R0.54, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Cold Adhesive Applied	3.60	
07 22 16 00-0066		**Cold Adhesive Applied, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation** *(07 22 16 00-0002)*		
		Note: Includes a polyisocyanurate foam core bonded to a 7/16" oriented strand board (OSB) facer.		
07 22 16 00-0067	SF	1.5" Thick, R6.2, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied	5.71	
07 22 16 00-0068	SF	2" Thick, R9.1, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied	6.00	
07 22 16 00-0069	SF	2.5" Thick, R12.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied	6.38	
07 22 16 00-0070	SF	3" Thick, R15.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied	6.63	
07 22 16 00-0071	SF	3.5" Thick, R18.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied	7.20	
07 22 16 00-0072	SF	4" Thick, R21.1, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied	7.44	
07 22 16 00-0073	SF	4.5" Thick, R24.2, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied	7.82	

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CSI		UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0074			Cold Adhesive Applied, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation *(07 22 16 00-0002)*		
			Note: Includes a polyisocyanurate foam core bonded to a 7/16" oriented strand board (OSB) facer.		
07 22 16 00-0075		SF	2.5" Thick, R5.7, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	5.76	
07 22 16 00-0076		SF	3" Thick, R8.6, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	6.27	
07 22 16 00-0077		SF	3.5" Thick, R11.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	6.87	
07 22 16 00-0078		SF	4" Thick, R14.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	7.27	
07 22 16 00-0079		SF	4.5" Thick, R17.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	7.77	
07 22 16 00-0080		SF	5" Thick, R20.5, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	8.31	
07 22 16 00-0081		SF	5.5" Thick, R23.6, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	9.29	
07 22 16 00-0082			Hot-Mopped Rigid Board Roofing Insulation *(07 22 16 00-0001)*		
07 22 16 00-0083			Hot-Mopped, High-Density Fiberboard, Roof Board Insulation *(07 22 16 00-0082)*		
07 22 16 00-0084		SF	1/2" Thick, R1.3, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped	2.42	
07 22 16 00-0085		SF	25/32" Thick, R1.9, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped	2.85	
07 22 16 00-0086		SF	1" Thick, R2.5, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped	3.30	
07 22 16 00-0087		SF	1-1/2" Thick, R3.8, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped	4.11	
07 22 16 00-0088		SF	2" Thick, R5, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped	4.90	
07 22 16 00-0089			Hot-Mopped, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation *(07 22 16 00-0082)*		
07 22 16 00-0090		SF	1/2" Thick, R1.3, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Hot-Mopped	2.67	
07 22 16 00-0091		SF	1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Hot-Mopped	3.16	
07 22 16 00-0092			Hot-Mopped, Perlite, Roof Board Insulation *(07 22 16 00-0082)*		
07 22 16 00-0093		SF	1/2" Thick, R1.32, Perlite, Roof Board Insulation, Hot-Mopped	2.32	
07 22 16 00-0094		SF	3/4" Thick, R2.08, Perlite, Roof Board Insulation, Hot-Mopped	2.57	
07 22 16 00-0095		SF	1" Thick, R2.78, Perlite, Roof Board Insulation, Hot-Mopped	2.87	
07 22 16 00-0096		SF	1-1/2" Thick, R4.17, Perlite, Roof Board Insulation, Hot-Mopped	3.63	
07 22 16 00-0097		SF	2" Thick, R5.56, Perlite, Roof Board Insulation, Hot-Mopped	4.10	
07 22 16 00-0098			Hot-Mopped, Basalt Mineral Wool, Roof Board Insulation *(07 22 16 00-0082)*		
07 22 16 00-0099		SF	1" Thick, R3.5, Basalt Mineral Wool, Roof Board Insulation, Hot-Mopped	3.28	
07 22 16 00-0100		SF	2" Thick, R7.4, Basalt Mineral Wool, Roof Board Insulation, Hot-Mopped	4.47	
07 22 16 00-0101		SF	3" Thick, R11.1, Basalt Mineral Wool, Roof Board Insulation, Hot-Mopped	5.91	
07 22 16 00-0102			Hot-Mopped, Foam Glass (Cellular Glass), Roof Board Insulation *(07 22 16 00-0082)*		
07 22 16 00-0103		SF	1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Roof Board Insulation, Hot-Mopped	6.27	
07 22 16 00-0104		SF	2" Thick, R6.88, Foam Glass (Cellular Glass), Roof Board Insulation, Hot-Mopped	7.43	
07 22 16 00-0105		SF	2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Roof Board Insulation, Hot-Mopped	9.76	
07 22 16 00-0106		SF	3-1/2" Thick, R12.04, Foam Glass (Cellular Glass), Roof Board Insulation, Hot-Mopped	12.88	
07 22 16 00-0107			Hot-Mopped, Molded Expanded Polystyrene, Roof Board Insulation *(07 22 16 00-0082)*		
07 22 16 00-0108		SF	3/8" Thick, R1.44, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	1.95	
07 22 16 00-0109		SF	1/2" Thick, R1.93, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	2.03	
07 22 16 00-0110		SF	3/4" Thick, R2.89, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	2.20	
07 22 16 00-0111		SF	1" Thick, R3.85, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	2.57	
07 22 16 00-0112		SF	2" Thick, R7.70, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	3.71	
07 22 16 00-0113		SF	3" Thick, R11.55, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	4.85	
07 22 16 00-0114		SF	4" Thick, R15.40, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	5.96	
07 22 16 00-0115		SF	5" Thick, R19.25, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	7.10	
07 22 16 00-0116		SF	6" Thick, R23.1, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	8.21	
07 22 16 00-0117			Hot-Mopped, Extruded Polystyrene, Roof Board Insulation *(07 22 16 00-0082)*		
			Note: 15 PSI compressive strength.		
07 22 16 00-0118		SF	3/4" Thick, R3.7, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped	3.11	
			For 25 PSI Compressive Strength, Add	*0.28*	
			For 40 PSI Compressive Strength, Add	*0.66*	
			For 60 PSI Compressive Strength, Add	*1.07*	
			For 115 PSI Compressive Strength, Add	*4.58*	
07 22 16 00-0119		SF	1" Thick, R5.0, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped	3.18	
			For 25 PSI Compressive Strength, Add	*0.29*	
			For 40 PSI Compressive Strength, Add	*0.68*	
			For 60 PSI Compressive Strength, Add	*1.11*	
			For 115 PSI Compressive Strength, Add	*4.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0120	SF	1-1/2" Thick, R7.5, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped	4.10	
		For 25 PSI Compressive Strength, Add	*0.43*	
		For 40 PSI Compressive Strength, Add	*1.03*	
		For 60 PSI Compressive Strength, Add	*1.64*	
		For 100 PSI Compressive Strength, Add	*2.10*	
		For 115 PSI Compressive Strength, Add	*7.10*	
07 22 16 00-0121	SF	2" Thick, R10.0, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped	4.86	
		For 25 PSI Compressive Strength, Add	*0.52*	
		For 40 PSI Compressive Strength, Add	*1.25*	
		For 60 PSI Compressive Strength, Add	*1.98*	
		For 115 PSI Compressive Strength, Add	*8.59*	
07 22 16 00-0122	SF	2-1/2" Thick, R12.5, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped	18.60	
		For 25 PSI Compressive Strength, Add	*0.69*	
		For 40 PSI Compressive Strength, Add	*1.64*	
		For 60 PSI Compressive Strength, Add	*3.22*	
		For 100 PSI Compressive Strength, Add	*3.95*	
		For 115 PSI Compressive Strength, Add	*12.53*	
07 22 16 00-0123	SF	3" Thick, R15.0, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped	6.26	
		For 25 PSI Compressive Strength, Add	*0.76*	
		For 40 PSI Compressive Strength, Add	*1.82*	
		For 60 PSI Compressive Strength, Add	*2.85*	
		For 115 PSI Compressive Strength, Add	*12.43*	
07 22 16 00-0124	SF	4" Thick, R20.0, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped	7.04	
		For 25 PSI Compressive Strength, Add	*0.88*	
		For 40 PSI Compressive Strength, Add	*2.10*	
		For 60 PSI Compressive Strength, Add	*3.28*	
		For 115 PSI Compressive Strength, Add	*14.36*	

07 22 16 00-0125 Hot-Mopped, Polyisocyanurate Board Roofing Insulation *(07 22 16 00-0082)*

07 22 16 00-0126	SF	3/4" Thick, R4.3, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	2.77	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.14*	
07 22 16 00-0127	SF	1" Thick, R5.7, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	2.89	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.15*	
07 22 16 00-0128	SF	1-1/2" Thick, R8.6, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	3.07	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.17*	
07 22 16 00-0129	SF	2" Thick, R11.4, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	3.53	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.21*	
07 22 16 00-0130	SF	2-1/2" Thick, R14.4, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	4.03	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.26*	
07 22 16 00-0131	SF	3" Thick, R17.4, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	4.51	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.30*	
07 22 16 00-0132	SF	3-1/2" Thick, R20.5, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	4.87	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.35*	
07 22 16 00-0133	SF	4" Thick, R23.6, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	5.47	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.40*	

07 22 16 00-0134 Hot-Mopped, Gypsum-Fiber, Roof Board Insulation (USG Securock) *(07 22 16 00-0082)*

07 22 16 00-0135	SF	1/4" Thick, R0.2, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Hot-Mopped	3.03
07 22 16 00-0136	SF	3/8" Thick, R0.3, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Hot-Mopped	3.22
07 22 16 00-0137	SF	1/2" Thick, R0.5, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Hot-Mopped	3.35
07 22 16 00-0138	SF	5/8" Thick, R0.6, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Hot-Mopped	3.42

07 22 16 00-0139 Hot-Mopped, Glass-Mat, Roof Board Insulation (USG Securock) *(07 22 16 00-0082)*

07 22 16 00-0140	SF	1/4" Thick, R0.36, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Hot-Mopped	2.96
07 22 16 00-0141	SF	1/2" Thick, R0.53, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Hot-Mopped	3.25
07 22 16 00-0142	SF	5/8" Thick, R0.54, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Hot-Mopped	3.32

07 22 16 00-0143 Mechanically Fastened Rigid Board Roofing Insulation *(07 22 16 00-0001)*

Note: Mechanically fastened to wood or steel.

07 22 16 00-0144 Mechanically Fastened, High-Density Fiberboard, Roof Board Insulation *(07 22 16 00-0143)*

Note: Mechanically fastened to wood or steel.

07 22 16 00-0145	SF	1/2" Thick, R1.3, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened	2.49	
		For Mechanically Fastened To Concrete, Add	*1.78*	
		For Mechanically Fastened To Gypsum, Add	*2.30*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.75*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.81*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.89*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.21*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0146	SF	25/32" Thick, R1.9, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened	2.93	
		For Mechanically Fastened To Concrete, Add	*1.78*	
		For Mechanically Fastened To Gypsum, Add	*2.30*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.78*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.81*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.92*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.21*	
07 22 16 00-0147	SF	1" Thick, R2.5, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened	3.36	
		For Mechanically Fastened To Concrete, Add	*1.78*	
		For Mechanically Fastened To Gypsum, Add	*2.30*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.80*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.81*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.94*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.21*	
07 22 16 00-0148	SF	1-1/2" Thick, R3.8, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened	4.24	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.30*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.96*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.43*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.81*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.44*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.65*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.21*	
07 22 16 00-0149	SF	2" Thick, R5, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened	5.03	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.24*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.96*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.43*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.84*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.44*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.65*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.26*	

07 22 16 00-0150 Mechanically Fastened, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation *(07 22 16 00-0143)*

Note: Mechanically fastened to wood or steel.

07 22 16 00-0151	SF	1/2" Thick, R1.3, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Mechanically Fastened	2.73	
		For Mechanically Fastened To Concrete, Add	*1.78*	
		For Mechanically Fastened To Gypsum, Add	*2.30*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.80*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.81*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.94*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.21*	
07 22 16 00-0152	SF	1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Mechanically Fastened	3.23	
		For Mechanically Fastened To Concrete, Add	*1.78*	
		For Mechanically Fastened To Gypsum, Add	*2.30*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.80*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.81*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.94*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.21*	

07 22 16 00-0153 Mechanically Fastened, Perlite, Roof Board Insulation *(07 22 16 00-0143)*

Note: Mechanically fastened to wood or steel.

07 22 16 00-0154	SF	1/2" Thick, R1.32, Perlite, Roof Board Insulation, Mechanically Fastened	2.41	
		For Mechanically Fastened To Concrete, Add	*1.78*	
		For Mechanically Fastened To Gypsum, Add	*2.30*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.69*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.81*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.83*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.21*	
07 22 16 00-0155	SF	3/4" Thick, R2.08, Perlite, Roof Board Insulation, Mechanically Fastened	2.67	
		For Mechanically Fastened To Concrete, Add	*1.78*	
		For Mechanically Fastened To Gypsum, Add	*2.30*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.70*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.81*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.84*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0156	SF	1" Thick, R2.78, Perlite, Roof Board Insulation, Mechanically Fastened	2.98	
		For Mechanically Fastened To Concrete, Add	*1.78*	
		For Mechanically Fastened To Gypsum, Add	*2.30*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.70*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.81*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.84*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.21*	
07 22 16 00-0157	SF	1-1/2" Thick, R4.17, Perlite, Roof Board Insulation, Mechanically Fastened	3.81	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.30*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.96*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.43*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.81*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.44*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.65*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.21*	
07 22 16 00-0158	SF	2" Thick, R5.56, Perlite, Roof Board Insulation, Mechanically Fastened	4.29	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.24*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.96*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.43*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.84*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.44*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.65*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.26*	
07 22 16 00-0159		Mechanically Fastened, Basalt Mineral Wool, Roof Board Insulation *(07 22 16 00-0143)*		
		Note: Mechanically fastened to wood or steel.		
07 22 16 00-0160	SF	1" Thick, R3.5, Basalt Mineral Wool, Roof Board Insulation, Mechanically Fastened	3.39	
		For Mechanically Fastened To Concrete, Add	*1.78*	
		For Mechanically Fastened To Gypsum, Add	*2.30*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.70*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.81*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.84*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.21*	
07 22 16 00-0161	SF	2" Thick, R7.4, Basalt Mineral Wool, Roof Board Insulation, Mechanically Fastened	4.67	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.24*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.96*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.43*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.84*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.44*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.65*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.26*	
07 22 16 00-0162	SF	3" Thick, R11.1, Basalt Mineral Wool, Roof Board Insulation, Mechanically Fastened	6.17	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Gypsum, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.10*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.02*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.08*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.64*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.31*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.53*	
07 22 16 00-0163		Mechanically Fastened, Foam Glass (Cellular Glass), Roof Board Insulation *(07 22 16 00-0143)*		
		Note: Mechanically fastened to wood or steel.		
07 22 16 00-0164	SF	1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Roof Board Insulation, Mechanically Fastened	6.46	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.30*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.96*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.43*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.81*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.44*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.65*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.21*	
07 22 16 00-0165	SF	2" Thick, R6.88, Foam Glass (Cellular Glass), Roof Board Insulation, Mechanically Fastened	7.62	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.24*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.96*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.43*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.84*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.44*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.65*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.26*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0166	SF	2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Roof Board Insulation, Mechanically Fastened	10.02	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Gypsum, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.10*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.02*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.08*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.64*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.31*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.53*	
07 22 16 00-0167	SF	3-1/2" Thick, R12.04, Foam Glass (Cellular Glass), Roof Board Insulation, Mechanically Fastened	13.29	
		For Mechanically Fastened To Concrete, Add	*1.94*	
		For Mechanically Fastened To Gypsum, Add	*2.26*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.30*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.80*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.56*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.95*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.19*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*5.11*	

07 22 16 00-0168 Mechanically Fastened, Molded Expanded Polystyrene, Roof Board Insulation *(07 22 16 00-0143)*

Note: Mechanically fastened to wood or steel.

07 22 16 00-0169	SF	3/8" Thick, R1.44, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	2.07	
		For Mechanically Fastened To Concrete, Add	*1.78*	
		For Mechanically Fastened To Gypsum, Add	*2.30*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.64*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.81*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.78*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.21*	
07 22 16 00-0170	SF	1/2" Thick, R1.93, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	2.14	
		For Mechanically Fastened To Concrete, Add	*1.78*	
		For Mechanically Fastened To Gypsum, Add	*2.30*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.64*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.81*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.78*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.21*	
07 22 16 00-0171	SF	3/4" Thick, R2.89, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	2.42	
		For Mechanically Fastened To Concrete, Add	*1.78*	
		For Mechanically Fastened To Gypsum, Add	*2.30*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.64*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.81*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.78*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.21*	
07 22 16 00-0172	SF	1" Thick, R3.85, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	2.71	
		For Mechanically Fastened To Concrete, Add	*1.78*	
		For Mechanically Fastened To Gypsum, Add	*2.30*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.64*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.81*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.78*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.21*	
07 22 16 00-0173	SF	2" Thick, R7.70, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	3.92	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.24*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.96*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.43*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.84*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.44*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.65*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.26*	
07 22 16 00-0174	SF	3" Thick, R11.55, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	5.14	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Gypsum, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.10*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.96*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.08*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.64*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.25*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.53*	
07 22 16 00-0175	SF	4" Thick, R15.40, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	6.42	
		For Mechanically Fastened To Concrete, Add	*1.94*	
		For Mechanically Fastened To Gypsum, Add	*2.34*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.30*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.80*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.20*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.95*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.19*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0176	SF	5" Thick, R19.25, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	7.73	
		For Mechanically Fastened To Concrete, Add	*1.99*	
		For Mechanically Fastened To Gypsum, Add	*2.31*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.54*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.04*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.75*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.30*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.55*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*5.43*	
07 22 16 00-0177	SF	6" Thick, R23.1, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	9.40	
		For Mechanically Fastened To Concrete, Add	*2.04*	
		For Mechanically Fastened To Gypsum, Add	*2.28*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.87*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.38*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*4.02*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.80*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.07*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*5.83*	

07 22 16 00-0178 Mechanically Fastened, Extruded Polystyrene, Roof Board Insulation *(07 22 16 00-0143)*

Note: 15 PSI compressive strength. Mechanically fastened to wood or steel.

07 22 16 00-0179	SF	3/4" Thick, R3.7, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened	3.22	
		For 25 PSI Compressive Strength, Add	*0.31*	
		For 40 PSI Compressive Strength, Add	*0.74*	
		For 60 PSI Compressive Strength, Add	*1.20*	
		For 115 PSI Compressive Strength, Add	*5.16*	
		For Mechanically Fastened To Concrete, Add	*1.78*	
		For Mechanically Fastened To Gypsum, Add	*2.30*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.70*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.81*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.84*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.21*	
07 22 16 00-0180	SF	1" Thick, R5.0, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened	3.28	
		For 25 PSI Compressive Strength, Add	*0.32*	
		For 40 PSI Compressive Strength, Add	*0.76*	
		For 60 PSI Compressive Strength, Add	*1.23*	
		For 115 PSI Compressive Strength, Add	*5.29*	
		For Mechanically Fastened To Concrete, Add	*1.78*	
		For Mechanically Fastened To Gypsum, Add	*2.30*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.70*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.81*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.84*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.21*	
07 22 16 00-0181	SF	1-1/2" Thick, R7.5, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened	4.30	
		For 25 PSI Compressive Strength, Add	*0.48*	
		For 40 PSI Compressive Strength, Add	*1.15*	
		For 60 PSI Compressive Strength, Add	*1.82*	
		For 100 PSI Compressive Strength, Add	*2.34*	
		For 115 PSI Compressive Strength, Add	*7.91*	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.30*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.96*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.43*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.81*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.44*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.65*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.21*	
07 22 16 00-0182	SF	2" Thick, R10.0, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened	4.90	
		For 25 PSI Compressive Strength, Add	*0.58*	
		For 40 PSI Compressive Strength, Add	*1.37*	
		For 60 PSI Compressive Strength, Add	*2.15*	
		For 115 PSI Compressive Strength, Add	*9.38*	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.24*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.96*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.43*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.84*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.44*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.65*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0183	SF	2-1/2" Thick, R12.5, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened	6.04	
		For 25 PSI Compressive Strength, Add	*0.76*	
		For 40 PSI Compressive Strength, Add	*1.80*	
		For 60 PSI Compressive Strength, Add	*2.81*	
		For 100 PSI Compressive Strength, Add	*3.62*	
		For 115 PSI Compressive Strength, Add	*12.31*	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Gypsum, Add	*2.27*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.10*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.01*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.97*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.64*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.30*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.45*	
07 22 16 00-0184	SF	3" Thick, R15.0, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened	6.52	
		For 25 PSI Compressive Strength, Add	*0.83*	
		For 40 PSI Compressive Strength, Add	*1.97*	
		For 60 PSI Compressive Strength, Add	*3.08*	
		For 115 PSI Compressive Strength, Add	*13.47*	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Gypsum, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.10*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.02*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.08*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.64*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.31*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.53*	
07 22 16 00-0185	SF	4" Thick, R20.0, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened	7.46	
		For 25 PSI Compressive Strength, Add	*0.98*	
		For 40 PSI Compressive Strength, Add	*2.32*	
		For 60 PSI Compressive Strength, Add	*3.61*	
		For 115 PSI Compressive Strength, Add	*15.81*	
		For Mechanically Fastened To Concrete, Add	*1.94*	
		For Mechanically Fastened To Gypsum, Add	*2.34*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.30*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.80*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.20*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.95*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.19*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.78*	

07 22 16 00-0186 Mechanically Fastened, Polyisocyanurate Board Roofing Insulation *(07 22 16 00-0143)*

Note: Mechanically fastened to wood or steel.

07 22 16 00-0187	SF	3/4" Thick, R4.3, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	2.87	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.16*	
		For Mechanically Fastened To Concrete, Add	*1.78*	
		For Mechanically Fastened To Gypsum, Add	*2.30*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.70*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.81*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.84*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.21*	
07 22 16 00-0188	SF	1" Thick, R5.7, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	2.99	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.78*	
		For Mechanically Fastened To Gypsum, Add	*2.30*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.70*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.81*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.84*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.21*	
07 22 16 00-0189	SF	1-1/2" Thick, R8.6, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	3.25	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.20*	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.30*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.96*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.43*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.81*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.44*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.65*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0190	SF	2" Thick, R11.4, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	3.73	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.24*	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.24*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.96*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.43*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.84*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.44*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.65*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.26*	
07 22 16 00-0191	SF	2-1/2" Thick, R14.4, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	4.29	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.30*	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Gypsum, Add	*2.27*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.10*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.01*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.97*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.64*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.30*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.45*	
07 22 16 00-0192	SF	3" Thick, R17.4, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	4.77	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.34*	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Gypsum, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.10*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.02*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.08*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.64*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.31*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.53*	
07 22 16 00-0193	SF	3-1/2" Thick, R20.5, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	5.44	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.41*	
		For Mechanically Fastened To Concrete, Add	*1.94*	
		For Mechanically Fastened To Gypsum, Add	*2.26*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.30*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.80*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.57*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.95*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.19*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*5.12*	
07 22 16 00-0194	SF	4" Thick, R23.6, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	5.89	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.45*	
		For Mechanically Fastened To Concrete, Add	*1.94*	
		For Mechanically Fastened To Gypsum, Add	*2.34*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.30*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.80*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.20*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.95*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.19*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.78*	

07 22 16 00-0195 Mechanically Fastened, High-Density Polyisocyanurate Cover Board And Roofing Insulation *(07 22 16 00-0143)*

Note: Mechanically fastened to wood or steel.

07 22 16 00-0196	SF	1/2" Thick, R2.5, High-Density Polyisocyanurate Cover Board And Roofing Insulation, Mechanically Fastened	3.37	
		For Mechanically Fastened To Concrete, Add	*1.78*	
		For Mechanically Fastened To Gypsum, Add	*2.30*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.75*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.81*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.89*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.21*	

07 22 16 00-0197 Mechanically Fastened, Gypsum-Fiber, Roof Board Insulation (USG Securock) *(07 22 16 00-0143)*

Note: Mechanically fastened to wood or steel.

07 22 16 00-0198	SF	1/4" Thick, R0.2, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Mechanically Fastened	3.10	
		For Mechanically Fastened To Concrete, Add	*1.78*	
		For Mechanically Fastened To Gypsum, Add	*2.30*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.75*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.81*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.89*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0199	SF	3/8" Thick, R0.3, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Mechanically Fastened	3.30	
		For Mechanically Fastened To Concrete, Add	*1.78*	
		For Mechanically Fastened To Gypsum, Add	*2.30*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.75*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.81*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.89*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.21*	
07 22 16 00-0200	SF	1/2" Thick, R0.5, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Mechanically Fastened	3.43	
		For Mechanically Fastened To Concrete, Add	*1.78*	
		For Mechanically Fastened To Gypsum, Add	*2.30*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.75*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.81*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.89*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.21*	
07 22 16 00-0201	SF	5/8" Thick, R0.6, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Mechanically Fastened	3.49	
		For Mechanically Fastened To Concrete, Add	*1.78*	
		For Mechanically Fastened To Gypsum, Add	*2.30*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.75*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.81*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.89*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.21*	

07 22 16 00-0202 Mechanically Fastened, Glass-Mat, Roof Board Insulation (USG Securock)

(07 22 16 00-0143)

Note: Mechanically fastened to wood or steel.

07 22 16 00-0203	SF	1/4" Thick, R0.36, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Mechanically Fastened	3.04	
		For Mechanically Fastened To Concrete, Add	*1.78*	
		For Mechanically Fastened To Gypsum, Add	*2.30*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.75*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.81*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.89*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.21*	
07 22 16 00-0204	SF	1/2" Thick, R0.53, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Mechanically Fastened	3.33	
		For Mechanically Fastened To Concrete, Add	*1.78*	
		For Mechanically Fastened To Gypsum, Add	*2.30*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.75*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.81*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.89*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.21*	
07 22 16 00-0205	SF	5/8" Thick, R0.54, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Mechanically Fastened	3.39	
		For Mechanically Fastened To Concrete, Add	*1.78*	
		For Mechanically Fastened To Gypsum, Add	*2.30*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.75*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.81*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.89*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.21*	

07 22 16 00-0206 Mechanically Fastened, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation *(07 22 16 00-0143)*

Note: Includes a polyisocyanurate foam core bonded to a 7/16" oriented strand board (OSB) facer. Mechanically fastened to wood or steel.

07 22 16 00-0207	SF	1.5" Thick, R6.2, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened	5.60	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.30*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.96*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.43*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.84*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.44*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.65*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.26*	
07 22 16 00-0208	SF	2" Thick, R9.1, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened	5.88	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Gypsum, Add	*2.24*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.96*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.43*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.84*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.44*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.65*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0209	SF	2.5" Thick, R12.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened	6.36	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Gypsum, Add	*2.27*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.10*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.22*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.97*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.64*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.51*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.45*	
07 22 16 00-0210	SF	3" Thick, R15.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened	6.61	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Gypsum, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.10*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.22*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.08*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.64*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.51*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.53*	
07 22 16 00-0211	SF	3.5" Thick, R18.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened	7.34	
		For Mechanically Fastened To Concrete, Add	*1.94*	
		For Mechanically Fastened To Gypsum, Add	*2.26*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.30*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.80*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.78*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.95*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.19*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*5.33*	
07 22 16 00-0212	SF	4" Thick, R21.1, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened	7.58	
		For Mechanically Fastened To Concrete, Add	*1.94*	
		For Mechanically Fastened To Gypsum, Add	*2.34*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.30*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.80*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.20*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.95*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.19*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.78*	
07 22 16 00-0213	SF	4.5" Thick, R24.2, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened	8.16	
		For Mechanically Fastened To Concrete, Add	*1.99*	
		For Mechanically Fastened To Gypsum, Add	*2.31*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.54*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.04*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*4.06*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.30*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.55*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*5.74*	

07 22 16 00-0214 Mechanically Fastened, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation *(07 22 16 00-0143)*

Note: Includes a polyisocyanurate foam core bonded to a 7/16" oriented strand board (OSB) facer. Mechanically fastened to wood or steel.

07 22 16 00-0215	SF	2.5" Thick, R5.7, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened	5.75	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Gypsum, Add	*2.27*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.10*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.20*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.97*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.64*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.49*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.45*	
07 22 16 00-0216	SF	3" Thick, R8.6, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened	6.25	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Gypsum, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.10*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.21*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.08*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.64*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.50*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.53*	
07 22 16 00-0217	SF	3.5" Thick, R11.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened	7.01	
		For Mechanically Fastened To Concrete, Add	*1.94*	
		For Mechanically Fastened To Gypsum, Add	*2.26*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.30*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.80*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.76*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.95*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.19*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*5.31*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0218	SF	4" Thick, R14.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened	7.41	
		For Mechanically Fastened To Concrete, Add	*1.94*	
		For Mechanically Fastened To Gypsum, Add	*2.34*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.30*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.80*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.20*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.95*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.19*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.78*	
07 22 16 00-0219	SF	4.5" Thick, R17.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened	8.10	
		For Mechanically Fastened To Concrete, Add	*1.99*	
		For Mechanically Fastened To Gypsum, Add	*2.31*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.54*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.04*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*4.01*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.30*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.55*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*5.69*	
07 22 16 00-0220	SF	5" Thick, R20.5, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened	8.64	
		For Mechanically Fastened To Concrete, Add	*1.99*	
		For Mechanically Fastened To Gypsum, Add	*2.31*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.54*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.04*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*4.01*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.30*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.55*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*5.69*	
07 22 16 00-0221	SF	5.5" Thick, R23.6, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened	9.91	
		For Mechanically Fastened To Concrete, Add	*2.04*	
		For Mechanically Fastened To Gypsum, Add	*2.28*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.87*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.38*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*4.32*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.80*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.07*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*6.13*	

07 22 16 00-0222 Rigid Board Tapered Roofing Insulation *(07 22 16)*

Note: Includes tapered board and filler board required to maintain slope starting at 1/2" minimum thickness. Excludes base layer of board, if required. Average thickness and average R-value of tapered system excludes thickness and R-value of base layer insulation and/or cover board. See CSI section 07 22 16 00-0466 for demolition of insulation board.

07 22 16 00-0223 Cold Adhesive Applied Rigid Board Tapered Roofing Insulation *(07 22 16 00-0222)*

07 22 16 00-0224 Cold Adhesive Applied, Tapered Polyisocyanurate Board *(07 22 16 00-0223)*

Note: Includes polyurethane adhesive.

07 22 16 00-0225 Cold Adhesive Applied, 1/8" Slope, Tapered Polyisocyanurate Board *(07 22 16 00-0224)*

07 22 16 00-0226	SF	2.25" Average Thickness (12.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	5.57	
		For 25 PSI Compressive Strength, Add	*0.37*	
07 22 16 00-0227	SF	2.75" Average Thickness (15.7 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	7.58	
		For 25 PSI Compressive Strength, Add	*0.42*	
07 22 16 00-0228	SF	3.25" Average Thickness (18.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	8.25	
		For 25 PSI Compressive Strength, Add	*0.49*	
07 22 16 00-0229	SF	3.75" Average Thickness (21.4 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	8.91	
		For 25 PSI Compressive Strength, Add	*0.55*	
07 22 16 00-0230	SF	4.25" Average Thickness (24.2 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	9.57	
		For 25 PSI Compressive Strength, Add	*0.62*	
07 22 16 00-0231	SF	4.75" Average Thickness (27.1 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	11.60	
		For 25 PSI Compressive Strength, Add	*0.67*	
07 22 16 00-0232	SF	5.25" Average Thickness (30.0 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	12.26	
		For 25 PSI Compressive Strength, Add	*0.74*	
07 22 16 00-0233	SF	5.75" Average Thickness (32.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	12.93	
		For 25 PSI Compressive Strength, Add	*0.81*	
07 22 16 00-0234	SF	6.25" Average Thickness (35.6 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	13.59	
		For 25 PSI Compressive Strength, Add	*0.87*	
07 22 16 00-0235	SF	6.75" Average Thickness (38.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	15.59	
		For 25 PSI Compressive Strength, Add	*0.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0236		**Cold Adhesive Applied, 1/4" Slope, Tapered Polyisocyanurate Board** *(07 22 16 00-0224)*		
07 22 16 00-0237	SF	2" Average Thickness (11.4 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	5.24	
		For 25 PSI Compressive Strength, Add	*0.34*	
07 22 16 00-0238	SF	3" Average Thickness (17.1 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	7.91	
		For 25 PSI Compressive Strength, Add	*0.45*	
07 22 16 00-0239	SF	4" Average Thickness (22.8 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	9.24	
		For 25 PSI Compressive Strength, Add	*0.59*	
07 22 16 00-0240	SF	5" Average Thickness (28.5 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	11.93	
		For 25 PSI Compressive Strength, Add	*0.71*	
07 22 16 00-0241	SF	6" Average Thickness (34.2 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	13.26	
		For 25 PSI Compressive Strength, Add	*0.84*	
07 22 16 00-0242	SF	7" Average Thickness (39.9 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	15.92	
		For 25 PSI Compressive Strength, Add	*0.95*	
07 22 16 00-0243		**Cold Adhesive Applied, 1/2" Slope, Tapered Polyisocyanurate Board** *(07 22 16 00-0224)*		
07 22 16 00-0244	SF	3.5" Average Thickness (20.0 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	8.58	
		For 25 PSI Compressive Strength, Add	*0.52*	
07 22 16 00-0245	SF	5.5" Average Thickness (31.4 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	12.59	
		For 25 PSI Compressive Strength, Add	*0.77*	
07 22 16 00-0246	SF	7.5" Average Thickness (42.8 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	16.59	
		For 25 PSI Compressive Strength, Add	*1.02*	
07 22 16 00-0247	SF	9.5" Average Thickness (54.2 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	20.60	
		For 25 PSI Compressive Strength, Add	*1.27*	
07 22 16 00-0248		**Cold Adhesive Applied, Tapered Expanded Polystyrene Board (EPS)** *(07 22 16 00-0223)*		
		Note: Includes polyurethane adhesive.		
07 22 16 00-0249		**Cold Adhesive Applied, 1/8" Slope, Tapered Expanded Polystyrene Board (EPS)** *(07 22 16 00-0248)*		
07 22 16 00-0250	SF	2.25" Average Thickness (10.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	4.82	
07 22 16 00-0251	SF	2.75" Average Thickness (12.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	6.88	
07 22 16 00-0252	SF	3.25" Average Thickness (14.63 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	7.38	
07 22 16 00-0253	SF	3.75" Average Thickness (16.88 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	7.87	
07 22 16 00-0254	SF	4.25" Average Thickness (19.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	8.37	
07 22 16 00-0255	SF	4.75" Average Thickness (21.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	10.43	
07 22 16 00-0256	SF	5.25" Average Thickness (23.63 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	10.93	
07 22 16 00-0257	SF	5.75" Average Thickness (25.88 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	11.43	
07 22 16 00-0258	SF	6.25" Average Thickness (28.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	11.92	
07 22 16 00-0259	SF	6.75" Average Thickness (30.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	13.97	
07 22 16 00-0260		**Cold Adhesive Applied, 1/4" Slope, Tapered Expanded Polystyrene Board (EPS)** *(07 22 16 00-0248)*		
07 22 16 00-0261	SF	2" Average Thickness (9 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	4.58	
07 22 16 00-0262	SF	3" Average Thickness (13.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	7.13	
07 22 16 00-0263	SF	4" Average Thickness (18 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	8.12	
07 22 16 00-0264	SF	5" Average Thickness (22.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	10.68	
07 22 16 00-0265	SF	6" Average Thickness (27 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	11.68	
07 22 16 00-0266	SF	7" Average Thickness (31.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	14.22	
07 22 16 00-0267		**Cold Adhesive Applied, 1/2" Slope, Tapered Expanded Polystyrene Board (EPS)** *(07 22 16 00-0248)*		

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0268	SF	3.5" Average Thickness (15.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	7.63	
07 22 16 00-0269	SF	5.5" Average Thickness (24.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	11.18	
07 22 16 00-0270	SF	7.5" Average Thickness (33.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	14.71	
07 22 16 00-0271	SF	9.5" Average Thickness (42.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	18.76	
07 22 16 00-0272		Cold Adhesive Applied, Tapered Extruded Polystyrene Board (XEPS) *(07 22 16 00-0223)*		
		Note: Includes polyurethane adhesive.		
07 22 16 00-0273		Cold Adhesive Applied, 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS) *(07 22 16 00-0272)*		
07 22 16 00-0274	SF	2.25" Average Thickness (12.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	5.42	
07 22 16 00-0275	SF	2.75" Average Thickness (15.125 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	7.44	
07 22 16 00-0276	SF	3.25" Average Thickness (17.88 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	8.07	
07 22 16 00-0277	SF	3.75" Average Thickness (20.63 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	8.70	
07 22 16 00-0278	SF	4.25" Average Thickness (23.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	9.33	
07 22 16 00-0279	SF	4.75" Average Thickness (26.13 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	11.36	
07 22 16 00-0280	SF	5.25" Average Thickness (28.88 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	12.00	
07 22 16 00-0281	SF	5.75" Average Thickness (31.63 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	12.63	
07 22 16 00-0282	SF	6.25" Average Thickness (34.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	13.26	
07 22 16 00-0283	SF	6.75" Average Thickness (37.13 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	15.27	
07 22 16 00-0284		Cold Adhesive Applied, 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS) *(07 22 16 00-0272)*		
07 22 16 00-0285	SF	2" Average Thickness (11 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	5.11	
07 22 16 00-0286	SF	3" Average Thickness (16.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	7.76	
07 22 16 00-0287	SF	4" Average Thickness (22 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	9.02	
07 22 16 00-0288	SF	5" Average Thickness (27.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	11.68	
07 22 16 00-0289	SF	6" Average Thickness (33 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	12.94	
07 22 16 00-0290	SF	7" Average Thickness (38.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	15.58	
07 22 16 00-0291		Cold Adhesive Applied, 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS) *(07 22 16 00-0272)*		
07 22 16 00-0292	SF	3.5" Average Thickness (19.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	8.39	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.32*	
07 22 16 00-0293	SF	5.5" Average Thickness (30.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	12.31	
07 22 16 00-0294	SF	7.5" Average Thickness (41.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	16.21	
07 22 16 00-0295	SF	9.5" Average Thickness (52.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	20.13	
07 22 16 00-0296		Cold Adhesive Applied, Tapered Perlite Board *(07 22 16 00-0223)*		
		Note: Includes polyurethane adhesive.		
07 22 16 00-0297		Cold Adhesive Applied, 1/8" Slope, Tapered Perlite Board *(07 22 16 00-0296)*		
07 22 16 00-0298	SF	2.25" Average Thickness (6.26 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	7.67	
07 22 16 00-0299	SF	2.75" Average Thickness (7.65 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	9.08	
07 22 16 00-0300	SF	3.25" Average Thickness (9.04 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	10.37	
07 22 16 00-0301	SF	3.75" Average Thickness (10.43 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	10.95	
07 22 16 00-0302	SF	4.25" Average Thickness (11.82 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	12.23	
07 22 16 00-0303	SF	4.75" Average Thickness (13.21 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	13.64	
07 22 16 00-0304	SF	5.25" Average Thickness (14.60 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	14.93	
07 22 16 00-0305	SF	5.75" Average Thickness (15.99 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	15.50	
07 22 16 00-0306	SF	6.25" Average Thickness (17.38 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	16.79	
07 22 16 00-0307	SF	6.75" Average Thickness (18.77 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	18.20	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0308		**Cold Adhesive Applied, 1/4" Slope, Tapered Perlite Board** *(07 22 16 00-0296)*		
07 22 16 00-0309	SF	2" Average Thickness (5.56 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied	7.02	
07 22 16 00-0310	SF	3" Average Thickness (8.34 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied	9.73	
07 22 16 00-0311	SF	4" Average Thickness (11.12 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied	11.59	
07 22 16 00-0312	SF	5" Average Thickness (13.9 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied	14.29	
07 22 16 00-0313	SF	6" Average Thickness (16.68 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied	16.15	
07 22 16 00-0314	SF	7" Average Thickness (19.46 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied	18.84	
07 22 16 00-0315		**Cold Adhesive Applied, 1/2" Slope, Tapered Perlite Board** *(07 22 16 00-0296)*		
07 22 16 00-0316	SF	3.5" Average Thickness (9.73 Average R-Value), 1/2" Slope, Tapered Perlite Board, Cold Adhesive Applied	11.02	
07 22 16 00-0317	SF	5.5" Average Thickness (15.29 Average R-Value), 1/2" Slope, Tapered Perlite Board, Cold Adhesive Applied	15.57	
07 22 16 00-0318	SF	7.5" Average Thickness (20.85 Average R-Value), 1/2" Slope, Tapered Perlite Board, Cold Adhesive Applied	20.13	
07 22 16 00-0319	SF	9.5" Average Thickness (26.41 Average R-Value), 1/2" Slope, Tapered Perlite Board, Cold Adhesive Applied	24.69	
07 22 16 00-0320		**Hot-Mopped Rigid Board Tapered Roofing Insulation** *(07 22 16 00-0222)*		
07 22 16 00-0321		**Hot-Mopped, Tapered Polyisocyanurate Board** *(07 22 16 00-0320)*		
07 22 16 00-0322		**Hot-Mopped, 1/8" Slope, Tapered Polyisocyanurate Board** *(07 22 16 00-0321)*		
07 22 16 00-0323	SF	2.25" Average Thickness (12.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	5.14	
		For 25 PSI Compressive Strength, Add	*0.33*	
07 22 16 00-0324	SF	2.75" Average Thickness (15.7 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	7.12	
		For 25 PSI Compressive Strength, Add	*0.34*	
07 22 16 00-0325	SF	3.25" Average Thickness (18.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	7.78	
		For 25 PSI Compressive Strength, Add	*0.41*	
07 22 16 00-0326	SF	3.75" Average Thickness (21.4 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	8.10	
		For 25 PSI Compressive Strength, Add	*0.47*	
07 22 16 00-0327	SF	4.25" Average Thickness (24.2 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	9.11	
		For 25 PSI Compressive Strength, Add	*0.54*	
07 22 16 00-0328	SF	4.75" Average Thickness (27.1 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	10.90	
		For 25 PSI Compressive Strength, Add	*0.55*	
07 22 16 00-0329	SF	5.25" Average Thickness (30.0 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	11.57	
		For 25 PSI Compressive Strength, Add	*0.62*	
07 22 16 00-0330	SF	5.75" Average Thickness (32.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	12.23	
		For 25 PSI Compressive Strength, Add	*0.69*	
07 22 16 00-0331	SF	6.25" Average Thickness (35.6 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	12.89	
		For 25 PSI Compressive Strength, Add	*0.75*	
07 22 16 00-0332	SF	6.75" Average Thickness (38.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	14.67	
		For 25 PSI Compressive Strength, Add	*0.77*	
07 22 16 00-0333		**Hot-Mopped, 1/4" Slope, Tapered Polyisocyanurate Board** *(07 22 16 00-0321)*		
07 22 16 00-0334	SF	2" Average Thickness (11.4 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	5.00	
		For 25 PSI Compressive Strength, Add	*0.29*	
07 22 16 00-0335	SF	3" Average Thickness (17.1 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	7.45	
		For 25 PSI Compressive Strength, Add	*0.37*	
07 22 16 00-0336	SF	4" Average Thickness (22.8 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	8.78	
		For 25 PSI Compressive Strength, Add	*0.51*	
07 22 16 00-0337	SF	5" Average Thickness (28.5 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	11.24	
		For 25 PSI Compressive Strength, Add	*0.59*	
07 22 16 00-0338	SF	6" Average Thickness (34.2 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	12.56	
		For 25 PSI Compressive Strength, Add	*0.72*	
07 22 16 00-0339	SF	7" Average Thickness (39.9 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	15.00	
		For 25 PSI Compressive Strength, Add	*0.80*	
07 22 16 00-0340		**Hot-Mopped, 1/2" Slope, Tapered Polyisocyanurate Board** *(07 22 16 00-0321)*		
07 22 16 00-0341	SF	3.5" Average Thickness (20.0 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	8.11	
		For 25 PSI Compressive Strength, Add	*0.44*	
07 22 16 00-0342	SF	5.5" Average Thickness (31.4 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	11.90	
		For 25 PSI Compressive Strength, Add	*0.65*	
07 22 16 00-0343	SF	7.5" Average Thickness (42.8 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	15.67	
		For 25 PSI Compressive Strength, Add	*0.87*	
07 22 16 00-0344	SF	9.5" Average Thickness (54.2 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	19.45	
		For 25 PSI Compressive Strength, Add	*1.08*	
07 22 16 00-0345		**Hot-Mopped, Tapered Perlite Board** *(07 22 16 00-0320)*		
07 22 16 00-0346		**Hot-Mopped, 1/8" Slope, Tapered Perlite Board** *(07 22 16 00-0345)*		
07 22 16 00-0347	SF	2.25" Average Thickness (6.26 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	6.76	
07 22 16 00-0348	SF	2.75" Average Thickness (7.65 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	8.62	
07 22 16 00-0349	SF	3.25" Average Thickness (9.04 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	9.91	
07 22 16 00-0350	SF	3.75" Average Thickness (10.43 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	9.81	
07 22 16 00-0351	SF	4.25" Average Thickness (11.82 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	11.10	
07 22 16 00-0352	SF	4.75" Average Thickness (13.21 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	12.95	
07 22 16 00-0353	SF	5.25" Average Thickness (14.60 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	14.24	
07 22 16 00-0354	SF	5.75" Average Thickness (15.99 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	14.14	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0355	SF	6.25" Average Thickness (17.38 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	15.43	
07 22 16 00-0356	SF	6.75" Average Thickness (18.77 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	17.28	
07 22 16 00-0357		Hot-Mopped, 1/4" Slope, Tapered Perlite Board *(07 22 16 00-0345)*		
07 22 16 00-0358	SF	2" Average Thickness (5.56 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped	6.12	
07 22 16 00-0359	SF	3" Average Thickness (8.34 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped	9.26	
07 22 16 00-0360	SF	4" Average Thickness (11.12 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped	10.46	
07 22 16 00-0361	SF	5" Average Thickness (13.9 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped	13.59	
07 22 16 00-0362	SF	6" Average Thickness (16.68 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped	14.79	
07 22 16 00-0363	SF	7" Average Thickness (19.46 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped	17.92	
07 22 16 00-0364		Hot-Mopped, 1/2" Slope, Tapered Perlite Board *(07 22 16 00-0345)*		
07 22 16 00-0365	SF	3.5" Average Thickness (9.73 Average R-Value), 1/2" Slope, Tapered Perlite Board, Hot-Mopped	10.55	
07 22 16 00-0366	SF	5.5" Average Thickness (15.29 Average R-Value), 1/2" Slope, Tapered Perlite Board, Hot-Mopped	14.88	
07 22 16 00-0367	SF	7.5" Average Thickness (20.85 Average R-Value), 1/2" Slope, Tapered Perlite Board, Hot-Mopped	82.41	
07 22 16 00-0368	SF	9.5" Average Thickness (26.41 Average R-Value), 1/2" Slope, Tapered Perlite Board, Hot-Mopped	23.54	
07 22 16 00-0369		Mechanically Fastened Tapered Roofing Insulation *(07 22 16 00-0222)* Note: Mechanically fastened to wood or steel. Includes tapered board and filler board required to maintain slope starting at 1/2" minimum thickness. Excludes base layer of board, if required. Average thickness and average R-value of tapered system excludes thickness and R-value of base layer insulation and/or coverboard.		
07 22 16 00-0370		Mechanically Fastened, Tapered Polyisocyanurate Board *(07 22 16 00-0369)* Note: Mechanically fastened to wood or steel.		
07 22 16 00-0371		Mechanically Fastened, 1/8" Slope, Tapered Polyisocyanurate Board *(07 22 16 00-0370)*		
07 22 16 00-0372	SF	2.25" Average Thickness (12.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	5.46	
		For 25 PSI Compressive Strength, Add	*0.36*	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.21*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.96*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.43*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.81*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.44*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.65*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.21*	
07 22 16 00-0373	SF	2.75" Average Thickness (15.7 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	6.90	
		For 25 PSI Compressive Strength, Add	*0.35*	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.27*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.10*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.58*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.97*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.64*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.87*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.45*	
07 22 16 00-0374	SF	3.25" Average Thickness (18.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	7.56	
		For 25 PSI Compressive Strength, Add	*0.42*	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.10*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.58*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.02*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.64*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.87*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.53*	
07 22 16 00-0375	SF	3.75" Average Thickness (21.4 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	8.38	
		For 25 PSI Compressive Strength, Add	*0.50*	
		For Mechanically Fastened To Concrete, Add	*1.94*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.26*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.30*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.80*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.12*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.95*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.19*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.67*	
07 22 16 00-0376	SF	4.25" Average Thickness (24.2 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	9.05	
		For 25 PSI Compressive Strength, Add	*0.57*	
		For Mechanically Fastened To Concrete, Add	*1.94*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.34*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.30*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.80*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.20*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.95*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.19*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0377	SF	4.75" Average Thickness (27.1 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	10.60	
		For 25 PSI Compressive Strength, Add	*0.57*	
		For Mechanically Fastened To Concrete, Add	*1.99*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.31*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.54*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.35*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.30*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.55*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.03*	
07 22 16 00-0378	SF	5.25" Average Thickness (30.0 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	11.26	
		For 25 PSI Compressive Strength, Add	*0.64*	
		For Mechanically Fastened To Concrete, Add	*1.99*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.31*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.54*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.35*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.30*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.55*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.03*	
07 22 16 00-0379	SF	5.75" Average Thickness (32.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	12.21	
		For 25 PSI Compressive Strength, Add	*0.73*	
		For Mechanically Fastened To Concrete, Add	*2.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.28*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.87*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.38*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.61*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.80*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.07*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.42*	
07 22 16 00-0380	SF	6.25" Average Thickness (35.6 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	12.87	
		For 25 PSI Compressive Strength, Add	*0.80*	
		For Mechanically Fastened To Concrete, Add	*2.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.28*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.87*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.38*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.61*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.80*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.07*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.42*	
07 22 16 00-0381	SF	6.75" Average Thickness (38.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	14.51	
		For 25 PSI Compressive Strength, Add	*0.81*	
		For Mechanically Fastened To Concrete, Add	*2.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.37*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*2.17*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.68*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*4.01*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*3.25*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.52*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*6.01*	
07 22 16 00-0382		Mechanically Fastened, 1/4" Slope, Tapered Polyisocyanurate Board *(07 22 16 00-0370)*		
07 22 16 00-0383	SF	2" Average Thickness (11.4 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	5.13	
		For 25 PSI Compressive Strength, Add	*0.33*	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.21*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.96*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.43*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.81*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.44*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.65*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.21*	
07 22 16 00-0384	SF	3" Average Thickness (17.1 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	7.23	
		For 25 PSI Compressive Strength, Add	*0.39*	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.27*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.10*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.58*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.97*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.64*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.87*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0385	SF	4" Average Thickness (22.8 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	8.72	
		For 25 PSI Compressive Strength, Add	*0.53*	
		For Mechanically Fastened To Concrete, Add	*1.94*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.26*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.30*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.80*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.12*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.95*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.19*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.67*	
07 22 16 00-0386	SF	5" Average Thickness (28.5 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	10.93	
		For 25 PSI Compressive Strength, Add	*0.61*	
		For Mechanically Fastened To Concrete, Add	*1.99*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.31*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.54*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.35*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.30*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.55*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.03*	
07 22 16 00-0387	SF	6" Average Thickness (34.2 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	12.54	
		For 25 PSI Compressive Strength, Add	*0.77*	
		For Mechanically Fastened To Concrete, Add	*2.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.28*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.87*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.38*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.61*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.80*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.07*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.42*	
07 22 16 00-0388	SF	7" Average Thickness (39.9 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	14.84	
		For 25 PSI Compressive Strength, Add	*0.85*	
		For Mechanically Fastened To Concrete, Add	*2.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.37*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*2.17*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.68*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*4.01*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*3.25*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.52*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*6.01*	
07 22 16 00-0389		Mechanically Fastened, 1/2" Slope, Tapered Polyisocyanurate Board *(07 22 16 00-0370)*		
07 22 16 00-0390	SF	3.5" Average Thickness (20.0 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	7.89	
		For 25 PSI Compressive Strength, Add	*0.45*	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.10*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.58*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.02*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.64*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.87*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.53*	
07 22 16 00-0391	SF	5.5" Average Thickness (31.4 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	11.20	
		For 25 PSI Compressive Strength, Add	*0.63*	
		For Mechanically Fastened To Concrete, Add	*1.99*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.31*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.54*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.35*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.30*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.55*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.03*	
07 22 16 00-0392	SF	7.5" Average Thickness (42.8 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	15.51	
		For 25 PSI Compressive Strength, Add	*0.91*	
		For Mechanically Fastened To Concrete, Add	*2.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.37*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*2.17*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.68*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*4.01*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*3.25*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.52*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*6.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0393	SF	9.5" Average Thickness (54.2 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	19.67	
		For 25 PSI Compressive Strength, Add	*1.18*	
		For Mechanically Fastened To Concrete, Add	*1.81*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*3.03*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*4.27*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*4.54*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*6.40*	

07 22 16 00-0394 Mechanically Fastened, Tapered Expanded Polystyrene Board (EPS) *(07 22 16 00-0369)*

Note: Mechanically fastened to wood or steel.

07 22 16 00-0395 Mechanically Fastened, 1/8" Slope, Tapered Expanded Polystyrene Board (EPS) *(07 22 16 00-0394)*

07 22 16 00-0396	SF	2.25" Average Thickness (10.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	4.71	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.21*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.96*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.43*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.81*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.44*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.65*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.21*	
07 22 16 00-0397	SF	2.75" Average Thickness (12.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	6.19	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.27*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.10*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.58*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.97*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.64*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.87*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.45*	
07 22 16 00-0398	SF	3.25" Average Thickness (14.63 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	6.69	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.10*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.58*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.02*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.64*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.87*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.53*	
07 22 16 00-0399	SF	3.75" Average Thickness (16.88 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	7.35	
		For Mechanically Fastened To Concrete, Add	*1.94*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.26*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.30*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.80*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.12*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.95*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.19*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.67*	
07 22 16 00-0400	SF	4.25" Average Thickness (19.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	7.84	
		For Mechanically Fastened To Concrete, Add	*1.94*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.34*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.30*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.80*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.20*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.95*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.19*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.78*	
07 22 16 00-0401	SF	4.75" Average Thickness (21.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	9.43	
		For Mechanically Fastened To Concrete, Add	*1.99*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.31*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.54*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.35*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.30*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.55*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.03*	
07 22 16 00-0402	SF	5.25" Average Thickness (23.63 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	9.93	
		For Mechanically Fastened To Concrete, Add	*1.99*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.31*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.54*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.35*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.30*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.55*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0403	SF	5.75" Average Thickness (25.88 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	10.71	
		For Mechanically Fastened To Concrete, Add	*2.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.28*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.87*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.38*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.61*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.80*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.07*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.42*	
07 22 16 00-0404	SF	6.25" Average Thickness (28.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	11.21	
		For Mechanically Fastened To Concrete, Add	*2.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.28*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.87*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.38*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.61*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.80*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.07*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.42*	
07 22 16 00-0405	SF	6.75" Average Thickness (30.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	12.89	
		For Mechanically Fastened To Concrete, Add	*2.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.37*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*2.17*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.68*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*4.01*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*3.25*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.52*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*6.01*	

07 22 16 00-0406 Mechanically Fastened, 1/4" Slope, Tapered Expanded Polystyrene Board (EPS) *(07 22 16 00-0394)*

07 22 16 00-0407	SF	2" Average Thickness (9 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	4.46	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.21*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.96*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.43*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.81*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.44*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.65*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.21*	
07 22 16 00-0408	SF	3" Average Thickness (13.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	6.44	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.27*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.10*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.58*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.97*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.64*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.87*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.45*	
07 22 16 00-0409	SF	4" Average Thickness (18 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	7.60	
		For Mechanically Fastened To Concrete, Add	*1.94*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.26*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.30*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.80*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.12*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.95*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.19*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.67*	
07 22 16 00-0410	SF	5" Average Thickness (22.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	9.68	
		For Mechanically Fastened To Concrete, Add	*1.99*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.31*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.54*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.35*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.30*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.55*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.03*	
07 22 16 00-0411	SF	6" Average Thickness (27 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	10.96	
		For Mechanically Fastened To Concrete, Add	*2.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.28*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.87*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.38*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.61*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.80*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.07*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0412	SF	7" Average Thickness (31.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	13.14	
		For Mechanically Fastened To Concrete, Add	*2.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.37*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*2.17*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.68*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*4.01*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*3.25*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.52*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*6.01*	

07 22 16 00-0413 Mechanically Fastened, 1/2" Slope, Tapered Expanded Polystyrene Board (EPS) *(07 22 16 00-0394)*

07 22 16 00-0414	SF	3.5" Average Thickness (15.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	6.94	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.10*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.58*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.02*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.64*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.87*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.53*	
07 22 16 00-0415	SF	5.5" Average Thickness (24.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	10.18	
		For Mechanically Fastened To Concrete, Add	*1.99*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.31*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.54*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.35*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.30*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.55*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.03*	
07 22 16 00-0416	SF	7.5" Average Thickness (33.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	13.64	
		For Mechanically Fastened To Concrete, Add	*2.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.37*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*2.17*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.68*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*4.01*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*3.25*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.52*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*6.01*	
07 22 16 00-0417	SF	9.5" Average Thickness (42.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	17.84	
		For Mechanically Fastened To Concrete, Add	*1.81*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*3.03*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*4.27*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*4.54*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*6.40*	

07 22 16 00-0418 Mechanically Fastened, Tapered Extruded Polystyrene Board (XEPS) *(07 22 16 00-0369)*

Note: Mechanically fastened to wood or steel.

07 22 16 00-0419 Mechanically Fastened, 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS) *(07 22 16 00-0418)*

07 22 16 00-0420	SF	2.25" Average Thickness (12.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	5.31	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.21*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.96*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.43*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.81*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.44*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.65*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.21*	
07 22 16 00-0421	SF	2.75" Average Thickness (15.125 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	6.76	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.27*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.10*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.58*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.97*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.64*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.87*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.45*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0422	SF	3.25" Average Thickness (17.88 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	8.77	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.10*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.58*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.02*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.64*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.87*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.53*	
07 22 16 00-0423	SF	3.75" Average Thickness (20.63 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	8.18	
		For Mechanically Fastened To Concrete, Add	*1.94*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.26*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.30*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.80*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.12*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.95*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.19*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.67*	
07 22 16 00-0424	SF	4.25" Average Thickness (23.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	8.81	
		For Mechanically Fastened To Concrete, Add	*1.94*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.34*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.30*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.80*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.20*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.95*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.19*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.78*	
07 22 16 00-0425	SF	4.75" Average Thickness (26.13 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	10.36	
		For Mechanically Fastened To Concrete, Add	*1.99*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.31*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.54*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.35*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.30*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.55*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.03*	
07 22 16 00-0426	SF	5.25" Average Thickness (28.88 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	10.99	
		For Mechanically Fastened To Concrete, Add	*1.99*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.31*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.54*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.35*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.30*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.55*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.03*	
07 22 16 00-0427	SF	5.75" Average Thickness (31.63 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	11.91	
		For Mechanically Fastened To Concrete, Add	*2.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.28*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.87*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.38*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.61*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.80*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.07*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.42*	
07 22 16 00-0428	SF	6.25" Average Thickness (34.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	12.54	
		For Mechanically Fastened To Concrete, Add	*2.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.28*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.87*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.38*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.61*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.80*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.07*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.42*	
07 22 16 00-0429	SF	6.75" Average Thickness (37.13 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	14.19	
		For Mechanically Fastened To Concrete, Add	*2.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.37*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*2.17*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.68*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*4.01*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*3.25*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.52*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*6.01*	

07 22 16 00-0430 Mechanically Fastened, 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS) *(07 22 16 00-0418)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0431	SF	2" Average Thickness (11 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	4.99	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.21*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.96*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.43*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.81*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.44*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.65*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.21*	
07 22 16 00-0432	SF	3" Average Thickness (16.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	7.07	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.27*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.10*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.58*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.97*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.64*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.87*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.45*	
07 22 16 00-0433	SF	4" Average Thickness (22 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	8.49	
		For Mechanically Fastened To Concrete, Add	*1.94*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.26*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.30*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.80*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.12*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.95*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.19*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.67*	
07 22 16 00-0434	SF	5" Average Thickness (27.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	10.68	
		For Mechanically Fastened To Concrete, Add	*1.99*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.31*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.54*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.35*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.30*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.55*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.03*	
07 22 16 00-0435	SF	6" Average Thickness (33 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	12.23	
		For Mechanically Fastened To Concrete, Add	*2.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.28*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.87*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.38*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.61*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.80*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.07*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.42*	
07 22 16 00-0436	SF	7" Average Thickness (38.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	14.50	
		For Mechanically Fastened To Concrete, Add	*2.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.37*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*2.17*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.68*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*4.01*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*3.25*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.52*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*6.01*	

07 22 16 00-0437 Mechanically Fastened, 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS) *(07 22 16 00-0418)*

07 22 16 00-0438	SF	3.5" Average Thickness (19.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	7.70	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.10*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.58*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.02*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.64*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.87*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.53*	
07 22 16 00-0439	SF	5.5" Average Thickness (30.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	11.31	
		For Mechanically Fastened To Concrete, Add	*1.99*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.31*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.54*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.35*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.30*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.55*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.03*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0440	SF	7.5" Average Thickness (41.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	15.13	
		For Mechanically Fastened To Concrete, Add	*2.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.37*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*2.17*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.68*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*4.01*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*3.25*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.52*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*6.01*	
07 22 16 00-0441	SF	9.5" Average Thickness (52.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	18.95	
		For Mechanically Fastened To Concrete, Add	*1.81*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*3.03*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*4.27*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*4.54*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*6.40*	

07 22 16 00-0442 Mechanically Fastened, Tapered Perlite Board *(07 22 16 00-0369)*

Note: Mechanically fastened to wood or steel.

07 22 16 00-0443 Mechanically Fastened, 1/8" Slope, Tapered Perlite Board *(07 22 16 00-0442)*

07 22 16 00-0444	SF	2.25" Average Thickness (6.26 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	6.89	
		For Mechanically Fastened To Concrete, Add	*1.83*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.21*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.96*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.43*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.81*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.44*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.65*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.21*	
07 22 16 00-0445	SF	2.75" Average Thickness (7.65 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	8.40	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.27*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.10*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.58*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.97*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.64*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.87*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.45*	
07 22 16 00-0446	SF	3.25" Average Thickness (9.04 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	9.69	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.10*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.58*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.02*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.64*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.87*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.53*	
07 22 16 00-0447	SF	3.75" Average Thickness (10.43 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	9.75	
		For Mechanically Fastened To Concrete, Add	*1.94*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.26*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.30*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.80*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.12*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.95*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.19*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.67*	
07 22 16 00-0448	SF	4.25" Average Thickness (11.82 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	11.04	
		For Mechanically Fastened To Concrete, Add	*1.94*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.34*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.30*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.80*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.20*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.95*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.19*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.78*	
07 22 16 00-0449	SF	4.75" Average Thickness (13.21 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	12.64	
		For Mechanically Fastened To Concrete, Add	*1.99*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.31*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.54*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.35*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.30*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.55*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.03*	
07 22 16 00-0450	SF	5.25" Average Thickness (14.60 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	13.93	
		For Mechanically Fastened To Concrete, Add	*1.99*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.31*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.54*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.35*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.30*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.55*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.03*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0451	SF	5.75" Average Thickness (15.99 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened		14.12	
		For Mechanically Fastened To Concrete, Add		*2.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add		*2.28*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add		*1.87*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add		*3.38*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add		*3.61*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add		*2.80*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add		*5.07*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add		*5.42*	
07 22 16 00-0452	SF	6.25" Average Thickness (17.38 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened		15.41	
		For Mechanically Fastened To Concrete, Add		*2.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add		*2.28*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add		*1.87*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add		*3.38*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add		*3.61*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add		*2.80*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add		*5.07*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add		*5.42*	
07 22 16 00-0453	SF	6.75" Average Thickness (18.77 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened		17.12	
		For Mechanically Fastened To Concrete, Add		*2.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add		*2.37*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add		*2.17*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add		*3.68*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add		*4.01*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add		*3.25*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add		*5.52*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add		*6.01*	

07 22 16 00-0454 Mechanically Fastened, 1/4" Slope, Tapered Perlite Board *(07 22 16 00-0442)*

CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0455	SF	2" Average Thickness (5.56 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened		6.24	
		For Mechanically Fastened To Concrete, Add		*1.83*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add		*2.21*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add		*0.96*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add		*2.43*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add		*2.81*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add		*1.44*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add		*3.65*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add		*4.21*	
07 22 16 00-0456	SF	3" Average Thickness (8.34 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened		9.04	
		For Mechanically Fastened To Concrete, Add		*1.88*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add		*2.27*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add		*1.10*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add		*2.58*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add		*2.97*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add		*1.64*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add		*3.87*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add		*4.45*	
07 22 16 00-0457	SF	4" Average Thickness (11.12 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened		10.40	
		For Mechanically Fastened To Concrete, Add		*1.94*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add		*2.26*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add		*1.30*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add		*2.80*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add		*3.12*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add		*1.95*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add		*4.19*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add		*4.67*	
07 22 16 00-0458	SF	5" Average Thickness (13.9 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened		13.28	
		For Mechanically Fastened To Concrete, Add		*1.99*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add		*2.31*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add		*1.54*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add		*3.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add		*3.35*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add		*2.30*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add		*4.55*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add		*5.03*	
07 22 16 00-0459	SF	6" Average Thickness (16.68 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened		14.77	
		For Mechanically Fastened To Concrete, Add		*2.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add		*2.28*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add		*1.87*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add		*3.38*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add		*3.61*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add		*2.80*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add		*5.07*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add		*5.42*	
07 22 16 00-0460	SF	7" Average Thickness (19.46 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened		17.76	
		For Mechanically Fastened To Concrete, Add		*2.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add		*2.37*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add		*2.17*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add		*3.68*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add		*4.01*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add		*3.25*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add		*5.52*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add		*6.01*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0461		Mechanically Fastened, 1/2" Slope, Tapered Perlite Board *(07 22 16 00-0442)*		
07 22 16 00-0462	SF	3.5" Average Thickness (9.73 Average R-Value), 1/2" Slope, Tapered Perlite Board, Mechanically Fastened	10.33	
		For Mechanically Fastened To Concrete, Add	*1.88*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.10*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.58*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.02*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.64*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.87*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.53*	
07 22 16 00-0463	SF	5.5" Average Thickness (15.29 Average R-Value), 1/2" Slope, Tapered Perlite Board, Mechanically Fastened	14.57	
		For Mechanically Fastened To Concrete, Add	*1.99*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.31*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.54*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.35*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.30*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.55*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.03*	
07 22 16 00-0464	SF	7.5" Average Thickness (20.85 Average R-Value), 1/2" Slope, Tapered Perlite Board, Mechanically Fastened	19.05	
		For Mechanically Fastened To Concrete, Add	*2.04*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.37*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*2.17*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.68*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*4.01*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*3.25*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.52*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*6.01*	
07 22 16 00-0465	SF	9.5" Average Thickness (26.41 Average R-Value), 1/2" Slope, Tapered Perlite Board, Mechanically Fastened	23.76	
		For Mechanically Fastened To Concrete, Add	*1.81*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*3.03*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*4.27*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*4.01*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*4.54*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*6.40*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*6.01*	
07 22 16 00-0466		Demolish Rigid Board Roofing Insulation *(07 22 16)* Note: Includes removing any combination of roofing insulation systems and/or recovery board. Includes removal of any basic roof accessories and any sheet metals; except special existing conditions (mechanical equipment piping, electrical, ducts, etc.).		
07 22 16 00-0467	SF	Demolish Up To 1/2" Average Thickness, Rigid Board Roofing Insulation		0.70
07 22 16 00-0468	SF	Demolish >1/2" To 1" Average Thickness, Rigid Board Roofing Insulation		0.72
07 22 16 00-0469	SF	Demolish >1" To 2" Average Thickness, Rigid Board Roofing Insulation		0.73
07 22 16 00-0470	SF	Demolish >2" To 3" Average Thickness, Rigid Board Roofing Insulation		0.76
07 22 16 00-0471	SF	Demolish >3" To 4" Average Thickness, Rigid Board Roofing Insulation		0.78
07 22 16 00-0472	SF	Demolish >4" To 5" Average Thickness, Rigid Board Roofing Insulation		0.80
07 22 16 00-0473	SF	Demolish >5" To 6" Average Thickness, Rigid Board Roofing Insulation		0.82
07 22 16 00-0474	SF	Demolish >6" To 7" Average Thickness, Rigid Board Roofing Insulation		0.83
07 22 16 00-0475	SF	Demolish >7" To 8" Average Thickness, Rigid Board Roofing Insulation		0.85
07 22 16 00-0476	SF	Demolish >8" To 9" Average Thickness, Rigid Board Roofing Insulation		0.87
07 22 16 00-0477	SF	Demolish >9" To 10" Average Thickness, Rigid Board Roofing Insulation		0.90
07 22 16 00-0478	SF	Demolish >10" To 11" Average Thickness, Rigid Board Roofing Insulation		0.92
07 22 16 00-0479	SF	Demolish >11" To 12" Average Thickness, Rigid Board Roofing Insulation		0.94

07 24 Exterior Insulation and Finish Systems *(07 20)*

07 24 13 Polymer-Based Exterior Insulation and Finish System *(07 24)*

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 24 13 00-0001		Exterior Insulation Finishing System (EIFS) *(07 24 13)*		
07 24 13 00-0002		Insulation For Exterior Insulation Finishing Systems (EIFS) *(07 24 13 00-0001)*		
07 24 13 00-0003	SF	1" Thick, R3.85, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied	4.20	
		For Up To 100, Add	*0.85*	
		For >100 To 500, Add	*0.42*	
		For >5,000, Deduct	*-0.17*	
		For Adhesive And Mechanically Fastened To Wood Or Steel, Add	*1.68*	
		For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add	*2.49*	
07 24 13 00-0004	SF	1-1/2" Thick, R5.78, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied	4.78	
		For Up To 100, Add	*0.86*	
		For >100 To 500, Add	*0.43*	
		For >5,000, Deduct	*-0.17*	
		For Adhesive And Mechanically Fastened To Wood Or Steel, Add	*1.71*	
		For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add	*2.51*	
07 24 13 00-0005	SF	2" Thick, R7.70, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied	5.35	
		For Up To 100, Add	*0.87*	
		For >100 To 500, Add	*0.44*	
		For >5,000, Deduct	*-0.17*	
		For Adhesive And Mechanically Fastened To Wood Or Steel, Add	*1.89*	
		For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add	*2.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 24 13 00-0006	SF	2-1/2" Thick, R9.63, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied	5.92	
		For Up To 100, Add	*0.88*	
		For >100 To 500, Add	*0.44*	
		For >5,000, Deduct	*-0.18*	
		For Adhesive And Mechanically Fastened To Wood Or Steel, Add	*1.98*	
		For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add	*2.79*	
07 24 13 00-0007	SF	3" Thick, R11.55, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied	6.48	
		For Up To 100, Add	*0.89*	
		For >100 To 500, Add	*0.45*	
		For >5,000, Deduct	*-0.18*	
		For Adhesive And Mechanically Fastened To Wood Or Steel, Add	*1.98*	
		For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add	*2.79*	
07 24 13 00-0008	SF	4" Thick, R15.40, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied	7.60	
		For Up To 100, Add	*0.90*	
		For >100 To 500, Add	*0.45*	
		For >5,000, Deduct	*-0.18*	
		For Adhesive And Mechanically Fastened To Wood Or Steel, Add	*2.21*	
		For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add	*2.98*	

07 24 13 00-0009 Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) *(07 24 13 00-0001)*

Note: Includes applying a layer of base coat to the insulation board and fully embedding the reinforcing fabric in the wet base coat.

07 24 13 00-0010	SF	4.3 OZ, Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) (Dryvit S-Mesh), Embedded In A Layer Of Base Coat	5.45	
		For Up To 100, Add	*1.69*	
		For >100 To 500, Add	*0.85*	
		For >5,000, Deduct	*-0.34*	
07 24 13 00-0011	SF	6.0 OZ, Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) (Dryvit SP-Mesh), Embedded In A Layer Of Base Coat	6.06	
		For Up To 100, Add	*1.69*	
		For >100 To 500, Add	*0.85*	
		For >5,000, Deduct	*-0.34*	
07 24 13 00-0012	SF	15.0 OZ, Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) (Dryvit Panzer® 15), Embedded In A Layer Of Base Coat	7.70	
		For Up To 100, Add	*1.69*	
		For >100 To 500, Add	*0.85*	
		For >5,000, Deduct	*-0.34*	
07 24 13 00-0013	SF	20.0 OZ, Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) (Dryvit Panzer® 20), Embedded In A Layer Of Base Coat	8.20	
		For Up To 100, Add	*1.69*	
		For >100 To 500, Add	*0.85*	
		For >5,000, Deduct	*-0.34*	

07 24 13 00-0014 Base Coats For Exterior Insulation Finishing Systems (EIFS) *(07 24 13 00-0001)*

07 24 13 00-0015	SF	Polymer-Based, Fiber-Reinforced Base Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Genesis® DM)	2.66	
		For Up To 100, Add	*0.85*	
		For >100 To 500, Add	*0.42*	
		For >5,000, Deduct	*-0.17*	
07 24 13 00-0016	SF	Acrylic-Modified, Fiber-Reinforced Base Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Genesis®)	3.11	
		For Up To 100, Add	*0.85*	
		For >100 To 500, Add	*0.42*	
		For >5,000, Deduct	*-0.17*	
07 24 13 00-0017	SF	Water Resistant, Acrylic Co-Polymer Base Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Dryflex®)	5.55	
		For Up To 100, Add	*0.85*	
		For >100 To 500, Add	*0.42*	
		For >5,000, Deduct	*-0.17*	
07 24 13 00-0018	SF	Hydrostatic Water Resistant, Acrylic Co-Polymer Base Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Dryflex®)	7.49	
		For Up To 100, Add	*0.85*	
		For >100 To 500, Add	*0.42*	
		For >5,000, Deduct	*-0.17*	

07 24 13 00-0019 Finish Coats For Exterior Insulation Finishing Systems (EIFS) *(07 24 13 00-0001)*

Note: Includes all standard manufacturers' colors.

07 24 13 00-0020	SF	100% Acrylic-Based Aggregate Fine Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit DPR Finish)	4.47	
		For Up To 100, Add	*1.69*	
		For >100 To 500, Add	*0.85*	
		For >5,000, Deduct	*-0.34*	
07 24 13 00-0021	SF	100% Acrylic-Based Aggregate Textured Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit DPR Finish)	4.57	
		For Up To 100, Add	*1.69*	
		For >100 To 500, Add	*0.85*	
		For >5,000, Deduct	*-0.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 24 13 00-0022	SF	Lightweight Elastic, 100% Acrylic-Based Aggregate Fine Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit E™ Finish)	5.28	
		For Up To 100, Add	*1.69*	
		For >100 To 500, Add	*0.85*	
		For >5,000, Deduct	*-0.34*	
07 24 13 00-0023	SF	Lightweight Elastic, 100% Acrylic-Based Aggregate Textured Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit E™ Finish)	5.92	
		For Up To 100, Add	*1.69*	
		For >100 To 500, Add	*0.85*	
		For >5,000, Deduct	*-0.34*	
07 24 13 00-0024	SF	Mildew Resistant, 100% Acrylic-Based Aggregate Fine Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit PMR™ Finish)	5.29	
		For Up To 100, Add	*1.69*	
		For >100 To 500, Add	*0.85*	
		For >5,000, Deduct	*-0.34*	
07 24 13 00-0025	SF	Mildew Resistant, 100% Acrylic-Based Aggregate Textured Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit PMR™ Finish)	5.92	
		For Up To 100, Add	*1.69*	
		For >100 To 500, Add	*0.85*	
		For >5,000, Deduct	*-0.34*	
07 24 13 00-0026	SF	Flexible Elastomeric, 100% Acrylic-Based Smooth Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Weatherlastic® Smooth)	4.67	
		For Up To 100, Add	*1.69*	
		For >100 To 500, Add	*0.85*	
		For >5,000, Deduct	*-0.34*	
07 24 13 00-0027	SF	Flexible Elastomeric, 100% Acrylic-Based Textured Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Weatherlastic®)	5.33	
		For Up To 100, Add	*1.69*	
		For >100 To 500, Add	*0.85*	
		For >5,000, Deduct	*-0.34*	
07 24 13 00-0028	SF	100% Acrylic-Based Finish With Multi-Colored Quartz Aggregates, Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Ameristone™)	10.99	
		For Up To 100, Add	*1.69*	
		For >100 To 500, Add	*0.85*	
		For >5,000, Deduct	*-0.34*	
07 24 13 00-0029		**Primer And Sealers For Exterior Insulation Finishing Systems (EIFS)** *(07 24 13 00-0001)*		
07 24 13 00-0030	SF	100% Acrylic-Based Primer/Adhesion Promoter For Exterior Insulation Finishing Systems (EIFS) (Dryvit Prymit®)	1.35	
		For Up To 100, Add	*0.48*	
		For >100 To 500, Add	*0.24*	
		For >5,000, Deduct	*-0.10*	
07 24 13 00-0031	SF	100% Acrylic Emulsion Primer/Sealer For Exterior Insulation Finishing Systems (EIFS) (Dryvit SealClear™)	1.38	
		For Up To 100, Add	*0.48*	
		For >100 To 500, Add	*0.24*	
		For >5,000, Deduct	*-0.10*	
07 24 13 00-0032		**Air/Water/Vapor Barriers For Exterior Insulation Finishing Systems (EIFS)** *(07 24 13 00-0001)*		
07 24 13 00-0033	SF	Smooth, High Performance, Polymer-Based, Non-Cementitious Water-Resistive Membrane And Air Barrier For Exterior Insulation Finishing Systems (EIFS) (Dryvit Backstop® NT™), Per Coat	1.88	
		For Up To 100, Add	*0.48*	
		For >100 To 500, Add	*0.24*	
		For >5,000, Deduct	*-0.10*	
07 24 13 00-0034	SF	Texture, High Performance, Polymer-Based, Non-Cementitious Water-Resistive Membrane And Air Barrier For Exterior Insulation Finishing Systems (EIFS) (Dryvit Backstop® NT™), Per Coat	2.34	
		For Up To 100, Add	*0.48*	
		For >100 To 500, Add	*0.24*	
		For >5,000, Deduct	*-0.10*	
07 24 13 00-0035		**Drainage Accessories For Exterior Insulation Finishing Systems (EIFS)** *(07 24 13 00-0001)*		
07 24 13 00-0036	SF	1/8" Thick, Flexible Polyamide Drainage Mat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Drainage Mat)	2.90	
		For Up To 100, Add	*0.53*	
		For >100 To 500, Add	*0.26*	
		For >5,000, Deduct	*-0.11*	
07 24 13 00-0037		**Starter Tracks For Exterior Insulation Finishing Systems (EIFS)** *(07 24 13 00-0001)*		
07 24 13 00-0038	LF	1" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track (Dryvit Starter Trac STWP)	4.27	
07 24 13 00-0039	LF	1-1/2" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track (Dryvit Starter Trac STWP)	4.61	
07 24 13 00-0040	LF	2" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track (Dryvit Starter Trac STWP)	5.01	
07 24 13 00-0041	LF	3" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track (Dryvit Starter Trac STWP)	5.84	
07 24 13 00-0042	LF	1" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track With Drip Edge (Dryvit Starter Trac STDE)	4.61	
07 24 13 00-0043	LF	1-1/2" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track With Drip Edge (Dryvit Starter Trac STDE)	5.01	
07 24 13 00-0044	LF	2" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track With Drip Edge (Dryvit Starter Trac STDE)	5.40	
07 24 13 00-0045	LF	3" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track With Drip Edge (Dryvit Starter Trac STDE)	6.32	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 24 13 00-0046		Demolish Exterior Insulation Finishing Systems (EIFS) *(07 24 13 00-0001)*		
07 24 13 00-0047	SF	Demolish Exterior Insulation Finishing Systems (EIFS)	7.08	
		Note: Includes demolition of all finish coats, base coats, reinforcing layers and insulation layers down to the substrate. Excludes demolition of sheathing.		
		For Up To 100, Add	*3.54*	
		For >100 To 500, Add	*1.77*	
		For >5,000, Deduct	*-0.71*	

07 25 Weather Barriers *(07)*

07 26 Vapor Retarders *(07 25)*

07 26 13 Above-Grade Vapor Retarders *(07 26)*

07 26 13 00-0001	CSF	Two Layer Kraft Paper Laminated With Asphalt, Grade "B" Building Paper (Aquabar B)	31.53	
07 26 13 00-0002	CSF	Asphalt Saturated Kraft Building Paper, Grade D (Fortifiber Jumbo Tex)	29.20	
07 26 13 00-0003	CSF	60 Minute Asphalt Saturated Kraft Building Paper, Grade D (Fortifiber Super Jumbo Tex 60 Minute)	36.67	
07 26 13 00-0004	CSF	Two Ply 60 Minute Asphalt Saturated Kraft Building Paper, Grade D (Fortifiber Two Ply Super Jumbo Tex 60 Minute)	47.64	
07 26 13 00-0005	CSF	Regular Weight Red Rosin Sized Sheathing	26.80	
07 26 13 00-0006	CLF	6" Wide Two Layer Kraft Paper Laminated With Asphalt, Building Flashing Paper (Bond Beam Paper)	90.02	
07 26 13 00-0007	CLF	4" Wide Self-Adhering Butyl Sealing Tape	137.80	
07 26 13 00-0008	CLF	6" Wide Self Adhesive Butyl Sealing Tape	199.47	
07 26 13 00-0009	CLF	9" Wide Self Adhesive Butyl Sealing Tape	277.74	
07 26 13 00-0010	CSF	Building Wrap (Tyvek)	77.89	

07 27 Air Barriers *(07 25)*

07 27 23 Board Product Air Barriers *(07 27)*

07 27 23 00-0001 Barriers For Plenums *(07 27 23)*

07 27 23 00-0002	SF	0.5" Thick Leaded Vinyl Acoustic Plenum Barrier 0.48 Lb./SF	13.26	3.41
		For Up To 50, Add	*4.67*	
		For >50 To 200, Add	*2.66*	
		For >200 To 500, Add	*1.00*	
		For >2,500, Deduct	*-0.66*	
07 27 23 00-0003	SF	0.625" Thick Leaded Vinyl Acoustic Plenum Barrier 0.87 Lb./SF	14.34	3.41
		For Up To 50, Add	*5.09*	
		For >50 To 200, Add	*2.90*	
		For >200 To 500, Add	*1.08*	
		For >2,500, Deduct	*-0.72*	
07 27 23 00-0004	SF	Aluminum Foil Fiberglass Reinforced Plenum Bar Parallel With Joists 1" Thick	5.09	2.27
		For Up To 50, Add	*2.42*	
		For >50 To 200, Add	*1.34*	
		For >200 To 500, Add	*0.46*	
		For >2,500, Deduct	*-0.25*	
07 27 23 00-0005	SF	Aluminum Foil Fiberglass Reinforced Plenum Bar Perpendicular With Joists 1" Thick	9.37	3.41
		For Up To 50, Add	*4.35*	
		For >50 To 200, Add	*2.41*	
		For >200 To 500, Add	*0.84*	
		For >2,500, Deduct	*-0.47*	
07 27 23 00-0006	SF	Aluminum Mesh Barrier For Plenum Kraft Paper Backed	6.38	2.27
		For Up To 50, Add	*2.61*	
		For >50 To 200, Add	*1.47*	
		For >200 To 500, Add	*0.53*	
		For >2,500, Deduct	*-0.32*	
07 27 23 00-0007	SF	1/64" Thick Sheet Lead Barrier For Plenum 1 Lb./SF	10.30	2.27
		For Up To 50, Add	*3.06*	
		For >50 To 200, Add	*1.79*	
		For >200 To 500, Add	*0.70*	
		For >2,500, Deduct	*-0.52*	

07 27 23 00-0008 Under Slab Insulation, Extruded Polystyrene (XPS) Sheets *(07 27 23)*

07 27 23 00-0009	SF	1" Extruded Polystyrene Foam (XPS) Sheet Under Slab Insulation	2.19
07 27 23 00-0010	SF	2" Extruded Polystyrene Foam (XPS) Sheet Under Slab Insulation	3.36
07 27 23 00-0011	SF	3" Extruded Polystyrene Foam (XPS) Sheet Under Slab Insulation	4.42
07 27 23 00-0012	SF	4" Extruded Polystyrene Foam (XPS) Sheet Under Slab Insulation	5.45

07 30 Steep Slope Roofing *(07)*

Note: Includes starter strips and manufacturer's product specific warranties.

07 31 Shingles and Shakes *(07 30)*

07 31 13 Asphalt Shingles *(07 31)*

07 31 13 13 Fiberglass-Reinforced Asphalt Shingles *(07 31 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 31 13 13-0001		**Three Tab Fiberglass Reinforced, Asphalt Composition Shingle** *(07 31 13 13)*		
		Note: Excludes underlayment, drip edges, and ridge vent/shingles.		
07 31 13 13-0002	SQ	200 Lb./SQ, 5" Exposure, Three Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed CT 20)	336.32	229.42
		For >35 To 75, Deduct	*-12.77*	
		For >75 To 100, Deduct	*-20.54*	
		For >100 To 200, Deduct	*-30.86*	
		For >200, Deduct	*-46.40*	
		For Steep Roof, Over 7 To 12, Add	*66.77*	
07 31 13 13-0003	SQ	220 Lb./SQ, 5" Exposure, Three Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed XT 25)	352.71	240.94
		For >35 To 75, Deduct	*-13.37*	
		For >75 To 100, Deduct	*-21.52*	
		For >100 To 200, Deduct	*-32.34*	
		For >200, Deduct	*-48.64*	
		For Steep Roof, Over 7 To 12, Add	*70.09*	
07 31 13 13-0004	SQ	230 Lb./SQ, 5" Exposure, Three Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed XT 30)	406.17	252.95
		For >35 To 75, Deduct	*-17.61*	
		For >75 To 100, Deduct	*-26.89*	
		For >100 To 200, Deduct	*-39.68*	
		For >200, Deduct	*-58.23*	
		For Steep Roof, Over 7 To 12, Add	*73.61*	
07 31 13 13-0005		**Architectural Fiberglass Reinforced, Asphalt Composition Shingle** *(07 31 13 13)*		
		Note: Excludes underlayment, drip edges, and ridge vent/shingles.		
07 31 13 13-0006	SQ	245 Lb./SQ, 5" Exposure, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark)	419.96	292.88
		For >35 To 75, Deduct	*-15.37*	
		For >75 To 100, Deduct	*-25.10*	
		For >100 To 200, Deduct	*-37.91*	
		For >200, Deduct	*-57.37*	
		For Steep Roof, Over 7 To 12, Add	*85.19*	
07 31 13 13-0007	SQ	240 Lb./SQ, 8" Exposure, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Highland Slate)	442.13	278.86
		For >35 To 75, Deduct	*-18.86*	
		For >75 To 100, Deduct	*-28.97*	
		For >100 To 200, Deduct	*-42.85*	
		For >200, Deduct	*-63.07*	
		For Steep Roof, Over 7 To 12, Add	*81.14*	
07 31 13 13-0008	SQ	265 Lb./SQ, 5" Exposure, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark Plus)	479.38	307.52
		For >35 To 75, Deduct	*-19.98*	
		For >75 To 100, Deduct	*-30.96*	
		For >100 To 200, Deduct	*-45.94*	
		For >200, Deduct	*-67.92*	
		For Steep Roof, Over 7 To 12, Add	*89.48*	
07 31 13 13-0009	SQ	235 Lb./SQ, 8" Exposure, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Hatteras)	460.46	265.59
		For >35 To 75, Deduct	*-21.90*	
		For >75 To 100, Deduct	*-32.32*	
		For >100 To 200, Deduct	*-47.12*	
		For >200, Deduct	*-67.95*	
		For Steep Roof, Over 7 To 12, Add	*77.26*	
07 31 13 13-0010	SQ	300 Lb./SQ, 5" Exposure, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark Premium)	519.23	322.91
		For >35 To 75, Deduct	*-22.57*	
		For >75 To 100, Deduct	*-34.43*	
		For >100 To 200, Deduct	*-50.79*	
		For >200, Deduct	*-74.50*	
		For Steep Roof, Over 7 To 12, Add	*93.92*	
07 31 13 13-0011	SQ	300 Lb./SQ, 5" Exposure, Random Laminated Tabs, One Piece, Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Independence)	552.31	322.91
		For >35 To 75, Deduct	*-25.88*	
		For >75 To 100, Deduct	*-38.39*	
		For >100 To 200, Deduct	*-56.08*	
		For >200, Deduct	*-81.11*	
		For Steep Roof, Over 7 To 12, Add	*93.92*	
07 31 13 13-0012	SQ	355 Lb./SQ, 4" Exposure, Sculpted Edge, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Presidential Shake)	603.44	355.96
		For >35 To 75, Deduct	*-27.98*	
		For >75 To 100, Deduct	*-41.66*	
		For >100 To 200, Deduct	*-60.95*	
		For >200, Deduct	*-88.32*	
		For Steep Roof, Over 7 To 12, Add	*103.57*	
07 31 13 13-0013	SQ	340 Lb./SQ, 5" Exposure, Three Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark TL)	597.33	339.06
		For >35 To 75, Deduct	*-28.92*	
		For >75 To 100, Deduct	*-42.41*	
		For >100 To 200, Deduct	*-61.68*	
		For >200, Deduct	*-88.65*	
		For Steep Roof, Over 7 To 12, Add	*98.60*	
07 31 13 13-0014	SQ	300 Lb./SQ, 5" Exposure, Reflective Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark Solaris)	593.00	322.91
		For >35 To 75, Deduct	*-29.95*	
		For >75 To 100, Deduct	*-43.28*	
		For >100 To 200, Deduct	*-62.60*	
		For >200, Deduct	*-89.25*	
		For Steep Roof, Over 7 To 12, Add	*93.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 31 13 13-0015	SQ	355 Lb./SQ, 8" Exposure, Two Full Size Layers, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Centennial Slate)	692.51	355.96
		For >35 To 75, Deduct	*-36.88*	
		For >75 To 100, Deduct	*-52.35*	
		For >100 To 200, Deduct	*-75.20*	
		For >200, Deduct	*-106.14*	
		For Steep Roof, Over 7 To 12, Add	*103.57*	
07 31 13 13-0016	SQ	355 Lb./SQ, 8" Exposure, Scalloped Cut, Two Full Size Layers, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Carriage House)	715.70	355.96
		For >35 To 75, Deduct	*-39.20*	
		For >75 To 100, Deduct	*-55.14*	
		For >100 To 200, Deduct	*-78.91*	
		For >200, Deduct	*-110.77*	
		For Steep Roof, Over 7 To 12, Add	*103.57*	
07 31 13 13-0017	SQ	480 Lb./SQ, 4" Exposure, Sculpted Edge, Three Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Presidential Shake TL)	794.88	392.51
		For >35 To 75, Deduct	*-43.81*	
		For >75 To 100, Deduct	*-61.49*	
		For >100 To 200, Deduct	*-87.93*	
		For >200, Deduct	*-123.29*	
		For Steep Roof, Over 7 To 12, Add	*114.19*	
07 31 13 13-0018	SQ	425 Lb./SQ, 8" Exposure, Random Laminated Tabs, Two Full Size Layers, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed GrandManor)	781.87	373.73
		For >35 To 75, Deduct	*-44.21*	
		For >75 To 100, Deduct	*-61.54*	
		For >100 To 200, Deduct	*-87.72*	
		For >200, Deduct	*-122.39*	
		For Steep Roof, Over 7 To 12, Add	*108.74*	

07 31 13 13-0019 Asphalt Shingle Accessories *(07 31 13 13)*

07 31 13 13-0020	LF	Hip And Ridge Roll Vent Note: Excludes shingles.	9.39	1.38
07 31 13 13-0021	LF	Three Tab Hip And Ridge Shingles	4.75	3.41
07 31 13 13-0022	LF	Architectural Hip And Ridge Shingles	5.72	3.80
07 31 13 13-0023	SQ	Demolish Each Additional Layer Of Shingles	106.38	

07 31 16 Metal Shingles *(07 31)*

07 31 16 00-0001 Aluminum Shingles *(07 31 16)*

07 31 16 00-0002	SQ	Aluminum Shingles, Mill Finish, 0.020" Thick	775.96	220.78
		For Colors, Anodized Finish, Add	*30.00*	
		For Bonderized Finish, Add	*47.00*	
		For 1" Factory Applied Polystyrene, Add	*37.00*	
07 31 16 00-0003	SQ	Aluminum Shingles, Mill Finish, 0.030" Thick	1,020.63	241.30
		For Colors, Anodized Finish, Add	*30.00*	
		For Bonderized Finish, Add	*47.00*	
		For 1" Factory Applied Polystyrene, Add	*37.00*	
07 31 16 00-0004	LF	Aluminum Shingles, Ridge Cap, 0.020" Thick	13.62	3.18
07 31 16 00-0005	LF	Aluminum Shingles, Ridge Cap, 0.030" Thick	14.16	3.18
07 31 16 00-0006	LF	Aluminum Shingles, Valley Section, 0.020" Thick	9.54	3.18
07 31 16 00-0007	LF	Aluminum Shingles, Valley Section, 0.030" Thick	10.63	3.18

07 31 16 00-0008 Galvanized Steel Shingles *(07 31 16)*

07 31 16 00-0009	SQ	24 Gauge, 0.0276" Thickness, Galvanized Steel Shingles	621.75	193.17
		For Factory Applied 1" Polystyrene Insulation, Add	*24.75*	
		For >50 To 75, Deduct	*-9.41*	
		For >75 To 100, Deduct	*-26.13*	
		For >100 To 200, Deduct	*-45.21*	
		For >200, Deduct	*-61.93*	
		For Steep Roof, Over 7 To 12, Add	*123.64*	
07 31 16 00-0010	SQ	26 Gauge, 0.0217" Thickness, Galvanized Steel Shingles	599.08	191.62
		For Factory Applied 1" Polystyrene Insulation, Add	*24.75*	
		For >50 To 75, Deduct	*-8.64*	
		For >75 To 100, Deduct	*-24.70*	
		For >100 To 200, Deduct	*-42.91*	
		For >200, Deduct	*-58.97*	
		For Steep Roof, Over 7 To 12, Add	*122.60*	
07 31 16 00-0011	SQ	24 Gauge, 0.0276" Thickness, Galvanized And Bonderized Steel Shingles	964.88	193.17
		For Factory Applied 1" Polystyrene Insulation, Add	*24.75*	
		For >50 To 75, Deduct	*-23.14*	
		For >75 To 100, Deduct	*-50.15*	
		For >100 To 200, Deduct	*-82.95*	
		For >200, Deduct	*-109.97*	
		For Steep Roof, Over 7 To 12, Add	*123.64*	
07 31 16 00-0012	SQ	26 Gauge, 0.0276" Thickness, Galvanized And Bonderized Steel Shingles	890.27	191.62
		For Factory Applied 1" Polystyrene Insulation, Add	*24.75*	
		For >50 To 75, Deduct	*-20.29*	
		For >75 To 100, Deduct	*-45.08*	
		For >100 To 200, Deduct	*-74.94*	
		For >200, Deduct	*-99.74*	
		For Steep Roof, Over 7 To 12, Add	*122.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 31 16 00-0013	LF	Galvanized Steel Shingles, Ridge Or Valley	10.02	2.58
		For Factory Applied 1" Polystyrene Insulation, Add	*24.75*	
		For >50 To 75, Deduct	*-0.20*	
		For >75 To 100, Deduct	*-0.47*	
		For >100 To 200, Deduct	*-0.80*	
		For >200, Deduct	*-1.07*	
		For Steep Roof, Over 7 To 12, Add	*1.62*	

07 31 26 Slate Shingles *(07 31)*

Note: Includes 30 Lb. felt and fasteners.

07 31 26 00-0001 Shingles Including 30 Lb. Felt And Nails *(07 31 26)*

07 31 26 00-0002	SQ	Slate Shingles, Buckingham, Virginia Black, 3/16" Thick	1,277.56	329.47
		For >50 To 75, Deduct	*-21.82*	
		For >75 To 100, Deduct	*-56.49*	
		For >100 To 200, Deduct	*-96.61*	
		For >200, Deduct	*-131.27*	
		For Graduated Shapes, Add	*81.82*	
		For Steep Roof, Over 7 To 12, Add	*234.27*	
07 31 26 00-0003	SQ	Slate Shingles, Buckingham, Virginia Black, 1/4" Thick	1,424.74	329.47
		For >50 To 75, Deduct	*-27.71*	
		For >75 To 100, Deduct	*-66.79*	
		For >100 To 200, Deduct	*-112.80*	
		For >200, Deduct	*-151.88*	
		For Graduated Shapes, Add	*103.90*	
		For Steep Roof, Over 7 To 12, Add	*234.27*	
07 31 26 00-0004	SQ	Slate Shingles, Penn Black Bangor	1,380.58	329.47
		For >50 To 75, Deduct	*-25.94*	
		For >75 To 100, Deduct	*-63.70*	
		For >100 To 200, Deduct	*-107.94*	
		For >200, Deduct	*-145.70*	
		For Graduated Shapes, Add	*97.27*	
		For Steep Roof, Over 7 To 12, Add	*234.27*	
07 31 26 00-0005	SQ	Slate Shingles, Vermont, Unfading Colors, Green	1,395.30	329.47
		For >50 To 75, Deduct	*-26.53*	
		For >75 To 100, Deduct	*-64.73*	
		For >100 To 200, Deduct	*-109.56*	
		For >200, Deduct	*-147.76*	
		For Graduated Shapes, Add	*99.48*	
		For Steep Roof, Over 7 To 12, Add	*234.27*	
07 31 26 00-0006	SQ	Slate Shingles, Vermont, Unfading Colors, Semi-Weathered, Green/Gray	1,454.17	329.47
		For >50 To 75, Deduct	*-28.88*	
		For >75 To 100, Deduct	*-68.85*	
		For >100 To 200, Deduct	*-116.03*	
		For >200, Deduct	*-156.00*	
		For Graduated Shapes, Add	*108.31*	
		For Steep Roof, Over 7 To 12, Add	*234.27*	
07 31 26 00-0007	SQ	Slate Shingles, Vermont, Unfading Color, Purple	1,380.58	329.47
		For >50 To 75, Deduct	*-25.94*	
		For >75 To 100, Deduct	*-63.70*	
		For >100 To 200, Deduct	*-107.94*	
		For >200, Deduct	*-145.70*	
		For Graduated Shapes, Add	*97.27*	
		For Steep Roof, Over 7 To 12, Add	*234.27*	
07 31 26 00-0008	SQ	Slate Shingles, Vermont, Unfading Color, Black Or Gray	1,336.43	329.47
		For >50 To 75, Deduct	*-24.17*	
		For >75 To 100, Deduct	*-60.61*	
		For >100 To 200, Deduct	*-103.08*	
		For >200, Deduct	*-139.51*	
		For Graduated Shapes, Add	*90.65*	
		For Steep Roof, Over 7 To 12, Add	*234.27*	
07 31 26 00-0009	SQ	Slate Shingles, Vermont, Unfading Color, Red	2,256.10	329.47
		For >50 To 75, Deduct	*-60.96*	
		For >75 To 100, Deduct	*-124.98*	
		For >100 To 200, Deduct	*-204.25*	
		For >200, Deduct	*-268.27*	
		For Graduated Shapes, Add	*228.60*	
		For Steep Roof, Over 7 To 12, Add	*234.27*	
07 31 26 00-0010	SQ	Slate Shingles, Vermont, Unfading Color, Variegated Purple	1,380.58	329.47
		For >50 To 75, Deduct	*-25.94*	
		For >75 To 100, Deduct	*-63.70*	
		For >100 To 200, Deduct	*-107.94*	
		For >200, Deduct	*-145.70*	
		For Graduated Shapes, Add	*97.27*	
		For Steep Roof, Over 7 To 12, Add	*234.27*	

07 31 29 Wood Shingles and Shakes *(07 31)*

07 31 29 13 Wood Shingles *(07 31 29)*

07 31 29 13-0001 #1 Grade, Red Cedar Shingles *(07 31 29 13)*

07 31 29 13-0002 #1 Grade, Red Cedar Shingles Installed On Roofs *(07 31 29 13-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 31 29 13-0003	SQ	3-3/4" Exposure, 16" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof	949.35	227.66
		For Steep Roof, Over 7 To 12, Add	*145.71*	
		For Pressure-Impregnated Treated (Preservative), Add	*74.10*	
07 31 29 13-0004	SQ	5" Exposure, 16" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof	687.32	170.75
		For Steep Roof, Over 7 To 12, Add	*109.28*	
		For Pressure-Impregnated Treated (Preservative), Add	*51.87*	
07 31 29 13-0005	SQ	4-1/2" Exposure, 18" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof	843.99	193.52
		For Steep Roof, Over 7 To 12, Add	*123.85*	
		For Pressure-Impregnated Treated (Preservative), Add	*68.54*	
07 31 29 13-0006	SQ	5-1/2" Exposure, 18" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof	691.15	159.36
		For Steep Roof, Over 7 To 12, Add	*101.99*	
		For Pressure-Impregnated Treated (Preservative), Add	*55.86*	
07 31 29 13-0007	SQ	5-3/4" Exposure, 24" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof	924.16	150.83
		For Steep Roof, Over 7 To 12, Add	*96.53*	
		For Pressure-Impregnated Treated (Preservative), Add	*93.38*	
07 31 29 13-0008	SQ	7-1/2" Exposure, 24" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof	713.66	128.06
		For Steep Roof, Over 7 To 12, Add	*81.96*	
		For Pressure-Impregnated Treated (Preservative), Add	*68.63*	
07 31 29 13-0009		#1 Grade, Red Cedar Shingles Installed On Walls *(07 31 29 13-0001)*		
07 31 29 13-0010	SQ	7" Exposure, 16" Shingle, #1 Grade, Red Cedar Shingles Installed On Wall	656.81	204.90
		For Pressure-Impregnated Treated (Preservative), Add	*37.05*	
07 31 29 13-0011	SQ	8" Exposure, 18" Shingle, #1 Grade, Red Cedar Shingles Installed On Wall	643.88	193.52
		For Pressure-Impregnated Treated (Preservative), Add	*38.53*	
07 31 29 13-0012	SQ	10-1/2" Exposure, 24" Shingle, #1 Grade, Red Cedar Shingles Installed On Wall	662.63	167.91
		For Pressure-Impregnated Treated (Preservative), Add	*49.02*	
07 31 29 13-0013		#2 Grade, Red Cedar Shingles *(07 31 29 13)*		
07 31 29 13-0014		#2 Grade, Red Cedar Shingles Installed On Roofs *(07 31 29 13-0013)*		
07 31 29 13-0015	SQ	3-1/2" Exposure, 16" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof	877.11	239.05
		For Steep Roof, Over 7 To 12, Add	*152.99*	
		For Pressure-Impregnated Treated (Preservative), Add	*59.85*	
07 31 29 13-0016	SQ	4" Exposure, 16" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof	781.70	216.28
		For Steep Roof, Over 7 To 12, Add	*138.42*	
		For Pressure-Impregnated Treated (Preservative), Add	*52.37*	
07 31 29 13-0017	SQ	4" Exposure, 18" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof	836.17	216.28
		For Steep Roof, Over 7 To 12, Add	*138.42*	
		For Pressure-Impregnated Treated (Preservative), Add	*60.54*	
07 31 29 13-0018	SQ	4-1/2" Exposure, 18" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof	746.08	193.52
		For Steep Roof, Over 7 To 12, Add	*123.85*	
		For Pressure-Impregnated Treated (Preservative), Add	*53.86*	
07 31 29 13-0019	SQ	5-3/4" Exposure, 24" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof	735.96	150.83
		For Steep Roof, Over 7 To 12, Add	*96.53*	
		For Pressure-Impregnated Treated (Preservative), Add	*65.15*	
07 31 29 13-0020	SQ	6-1/2" Exposure, 24" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof	600.09	130.91
		For Steep Roof, Over 7 To 12, Add	*83.78*	
		For Pressure-Impregnated Treated (Preservative), Add	*50.74*	
07 31 29 13-0021		#2 Grade, Red Cedar Shingles Installed On Walls *(07 31 29 13-0013)*		
07 31 29 13-0022	SQ	6" Exposure, 16" Shingle, #2 Grade, Red Cedar Shingles Installed On Wall	632.07	216.28
		For Pressure-Impregnated Treated (Preservative), Add	*29.93*	
07 31 29 13-0023	SQ	7" Exposure, 18" Shingle, #2 Grade, Red Cedar Shingles Installed On Wall	611.60	204.90
		For Pressure-Impregnated Treated (Preservative), Add	*30.27*	
07 31 29 13-0024	SQ	9" Exposure, 24" Shingle, #2 Grade, Red Cedar Shingles Installed On Wall	592.27	182.14
		For Pressure-Impregnated Treated (Preservative), Add	*34.20*	
07 31 29 16		**Wood Shakes** *(07 31 29)*		
07 31 29 16-0001		#1 Grade, Red Cedar Shakes *(07 31 29 16)*		
07 31 29 16-0002		#1 Grade, Red Cedar Shakes Installed On Roofs *(07 31 29 16-0001)*		
07 31 29 16-0003	SQ	8-1/2" Exposure, 1/2" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Roof	689.18	184.97
		For Steep Roof, Over 7 To 12, Add	*118.39*	
		For Pressure-Impregnated Treated (Preservative), Add	*47.88*	
07 31 29 16-0004	SQ	8-1/2" Exposure, 3/4" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Roof	795.58	184.97
		For Steep Roof, Over 7 To 12, Add	*118.39*	
		For Pressure-Impregnated Treated (Preservative), Add	*63.84*	
07 31 29 16-0005	SQ	10" Exposure, 1/2" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Roof	740.57	150.83
		For Steep Roof, Over 7 To 12, Add	*96.53*	
		For Pressure-Impregnated Treated (Preservative), Add	*65.84*	
07 31 29 16-0006	SQ	10" Exposure, 3/4" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Roof	785.79	150.83
		For Steep Roof, Over 7 To 12, Add	*96.53*	
		For Pressure-Impregnated Treated (Preservative), Add	*72.62*	
07 31 29 16-0007		#1 Grade, Red Cedar Shakes Installed On Walls *(07 31 29 16-0001)*		
07 31 29 16-0008	SQ	8-1/2" Exposure, 1/2" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Wall	717.64	199.20
		For Pressure-Impregnated Treated (Preservative), Add	*47.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 31 29 16-0009	SQ	8-1/2" Exposure, 3/4" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Wall	824.04	199.20
		For Pressure-Impregnated Treated (Preservative), Add	*63.84*	
07 31 29 16-0010	SQ	10" Exposure, 1/2" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Wall	780.42	170.75
		For Pressure-Impregnated Treated (Preservative), Add	*65.84*	
07 31 29 16-0011	SQ	10" Exposure, 3/4" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Wall	825.64	170.75
		For Pressure-Impregnated Treated (Preservative), Add	*72.62*	

07 31 29 17 Wood Hip and Ridge Cap *(07 31 29)*

07 31 29 17-0001 Accessories *(07 31 29 17)*

07 31 29 17-0002	LF	Hip Or Ridge Cap For Wood Shingles Or Shakes	11.87	1.48
		For Steep Roof, Over 7 To 12, Add	*1.10*	
		For Pressure-Impregnated Treated (Preservative) Ridge, Add	*1.26*	

07 31 33 Composite Rubber Shingles *(07 31)*

07 31 33 00-0001 Synthetic Polymeric Rubber Slate Shingles *(07 31 33)*

Note: As manufactured by EcoStar.

07 31 33 00-0002	SQ	Class C Rectangular Edges Polymeric Rubber Slate Shingles, 7.0" Exposure Note: Gray or black.	1,463.20	295.87
		For Purple Or Green Color, Add	*139.45*	
		For Brown Or Red Color, Add	*357.33*	
		For Steep Roof, Over 7 To 12, Add	*189.33*	
		For >50 To 75, Deduct	*-21.79*	
		For >75 To 100, Deduct	*-58.37*	
		For >100 To 200, Deduct	*-94.95*	
		For >200, Deduct	*-146.32*	
		For 6.5" Exposure, Add	*101.70*	
		For 6.0" Exposure, Add	*203.39*	
07 31 33 00-0003	SQ	Class A Rectangular Edges Polymeric Rubber Slate Shingles, 7.0" Exposure Note: Fire resistant. Gray or black.	2,044.23	295.87
		For Purple, Green, Brown Or Red, Add	*217.89*	
		For Steep Roof, Over 7 To 12, Add	*189.33*	
		For >50 To 75, Deduct	*-36.31*	
		For >75 To 100, Deduct	*-87.42*	
		For >100 To 200, Deduct	*-138.53*	
		For >200, Deduct	*-204.42*	
		For 6.5" Exposure, Add	*143.20*	
		For 6.0" Exposure, Add	*286.40*	
07 31 33 00-0004	SQ	Class C Shaped Polymeric Rubber Slate Shingle, 7.0" Exposure Note: Beaver tail, chisel point or beveled edges. Gray or black.	1,702.45	295.87
		For Purple, Green, Brown Or Red, Add	*399.88*	
		For Steep Roof, Over 7 To 12, Add	*189.33*	
		For >50 To 75, Deduct	*-27.77*	
		For >75 To 100, Deduct	*-70.33*	
		For >100 To 200, Deduct	*-112.89*	
		For >200, Deduct	*-170.25*	
		For 6.5" Exposure, Add	*118.79*	
		For 6.0" Exposure, Add	*237.57*	
07 31 33 00-0005	SQ	Class A Shaped Polymeric Rubber Slate Shingle, 7.0" Exposure Note: Fire resistant. Beaver tail, chisel point or beveled edges. Gray or black.	2,163.86	295.87
		For Purple, Green, Brown Or Red, Add	*172.94*	
		For Steep Roof, Over 7 To 12, Add	*189.33*	
		For >50 To 75, Deduct	*-39.31*	
		For >75 To 100, Deduct	*-93.40*	
		For >100 To 200, Deduct	*-147.50*	
		For >200, Deduct	*-216.39*	
		For 6.5" Exposure, Add	*151.75*	
		For 6.0" Exposure, Add	*303.49*	
07 31 33 00-0006	LF	Hip Or Ridge Polymeric Rubber Slate Shingle Note: Beveled or pointed edges, gray or black.	16.63	1.99

07 32 Roof Tiles *(07 30)*

07 32 13 Clay Roof Tiles *(07 32)*

Note: 8-1/4" x 11" exposure. Includes mortar, battens, fasteners, felt underlayment and 90# cap sheet.

07 32 13 00-0001 Clay Roofing Tile 8-1/4" x 11" Exposure *(07 32 13)*

Note: Includes mortar, battens, fasteners, felt underlayment and 90# cap sheet.

07 32 13 00-0002	SQ	Lanai Or Classic Tile, 158 Piece Per SQ	1,417.29	312.46
		For >25 To 50, Deduct	*-47.54*	
		For >50 To 75, Deduct	*-94.85*	
		For >75 To 100, Deduct	*-134.25*	
		For >100 To 200, Deduct	*-165.72*	
		For >200, Deduct	*-189.27*	
		For 20 Year Warranty, Add	*55.46*	
07 32 13 00-0003	SQ	Americana (Most Colors) Tile Roofing, 158 Piece Per SQ	1,671.27	312.46
		For >25 To 50, Deduct	*-62.78*	
		For >50 To 75, Deduct	*-120.25*	
		For >75 To 100, Deduct	*-167.27*	
		For >100 To 200, Deduct	*-203.82*	
		For >200, Deduct	*-229.90*	
		For 20 Year Warranty, Add	*73.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 32 13 00-0004	SQ	Americana (Green, Gray Or Brown) Tile, 158 Piece Per SQ	1,671.27	312.46
		For >25 To 50, Deduct	*-62.78*	
		For >50 To 75, Deduct	*-120.25*	
		For >75 To 100, Deduct	*-167.27*	
		For >100 To 200, Deduct	*-203.82*	
		For >200, Deduct	*-229.90*	
		For 20 Year Warranty, Add	*73.24*	
07 32 13 00-0005	SQ	Americana (Blue) Tile, 158 Piece Per SQ	1,886.78	312.46
		For >25 To 50, Deduct	*-75.71*	
		For >50 To 75, Deduct	*-141.80*	
		For >75 To 100, Deduct	*-195.28*	
		For >100 To 200, Deduct	*-236.14*	
		For >200, Deduct	*-264.38*	
		For 20 Year Warranty, Add	*88.32*	
07 32 13 00-0006	SQ	French Tile Roofing, Red, 133 Piece Per SQ	1,692.90	382.04
		For >25 To 50, Deduct	*-55.73*	
		For >50 To 75, Deduct	*-111.99*	
		For >75 To 100, Deduct	*-158.95*	
		For >100 To 200, Deduct	*-196.63*	
		For >200, Deduct	*-225.02*	
		For 20 Year Warranty, Add	*65.02*	
07 32 13 00-0007	SQ	French Tile Roofing, Blue Or Green, 133 Piece Per SQ	2,072.00	382.04
		For >25 To 50, Deduct	*-78.48*	
		For >50 To 75, Deduct	*-149.90*	
		For >75 To 100, Deduct	*-208.24*	
		For >100 To 200, Deduct	*-253.50*	
		For >200, Deduct	*-285.68*	
		For 20 Year Warranty, Add	*91.56*	
07 32 13 00-0008	SQ	Norman Tile Roofing, 317 Piece Per SQ	2,653.98	515.39
		For >25 To 50, Deduct	*-97.41*	
		For >50 To 75, Deduct	*-188.11*	
		For >75 To 100, Deduct	*-262.58*	
		For >100 To 200, Deduct	*-320.81*	
		For >200, Deduct	*-362.81*	
		For 20 Year Warranty, Add	*113.65*	
07 32 13 00-0009	SQ	Williamsburg Tile Roofing, Aged Cedar, 158 Piece Per SQ	1,503.22	382.04
		For >25 To 50, Deduct	*-44.35*	
		For >50 To 75, Deduct	*-93.02*	
		For >75 To 100, Deduct	*-134.29*	
		For >100 To 200, Deduct	*-168.18*	
		For >200, Deduct	*-194.67*	
		For 20 Year Warranty, Add	*51.74*	
07 32 13 00-0010	SQ	Williamsburg Tile Roofing, Gray Or Green, 158 Piece Per SQ	1,810.32	382.04
		For >25 To 50, Deduct	*-62.78*	
		For >50 To 75, Deduct	*-123.73*	
		For >75 To 100, Deduct	*-174.22*	
		For >100 To 200, Deduct	*-214.24*	
		For >200, Deduct	*-243.81*	
		For 20 Year Warranty, Add	*73.24*	
07 32 13 00-0011	SQ	Spanish Tile Roofing, Red, 171 Piece Per SQ	1,272.08	286.05
		For >25 To 50, Deduct	*-42.00*	
		For >50 To 75, Deduct	*-84.30*	
		For >75 To 100, Deduct	*-119.60*	
		For >100 To 200, Deduct	*-147.90*	
		For >200, Deduct	*-169.20*	
		For 20 Year Warranty, Add	*49.00*	
07 32 13 00-0012	SQ	Spanish Tile Roofing, Blend, 171 Piece Per SQ	1,603.03	286.05
		For >25 To 50, Deduct	*-61.85*	
		For >50 To 75, Deduct	*-117.39*	
		For >75 To 100, Deduct	*-162.62*	
		For >100 To 200, Deduct	*-197.54*	
		For >200, Deduct	*-222.16*	
		For 20 Year Warranty, Add	*72.16*	
07 32 13 00-0013	SQ	Spanish Tile Roofing, Glazed White, 171 Piece Per SQ	1,887.80	286.05
		For >25 To 50, Deduct	*-78.94*	
		For >50 To 75, Deduct	*-145.87*	
		For >75 To 100, Deduct	*-199.64*	
		For >100 To 200, Deduct	*-240.26*	
		For >200, Deduct	*-267.72*	
		For 20 Year Warranty, Add	*92.10*	
07 32 13 00-0014	SQ	Two Piece Mission Tile Roofing, 192 Piece Per SQ	2,327.88	448.39
		For >25 To 50, Deduct	*-85.87*	
		For >50 To 75, Deduct	*-165.53*	
		For >75 To 100, Deduct	*-230.88*	
		For >100 To 200, Deduct	*-281.92*	
		For >200, Deduct	*-318.65*	
		For 20 Year Warranty, Add	*100.18*	
07 32 13 00-0015	SQ	One Piece Mission Tile Roofing, 75 Piece Per SQ	1,086.34	312.46
		For >25 To 50, Deduct	*-27.68*	
		For >50 To 75, Deduct	*-61.76*	
		For >75 To 100, Deduct	*-91.22*	
		For >100 To 200, Deduct	*-116.08*	
		For >200, Deduct	*-136.31*	
		For 20 Year Warranty, Add	*32.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 32 13 00-0016	SQ	One Piece Mission Tile Roofing, 134 Piece Per SQ	1,462.02	448.39
		For >25 To 50, Deduct	*-33.91*	
		For >50 To 75, Deduct	*-78.94*	
		For >75 To 100, Deduct	*-118.32*	
		For >100 To 200, Deduct	*-152.04*	
		For >200, Deduct	*-180.12*	
		For 20 Year Warranty, Add	*39.57*	

07 32 16 Concrete Roof Tiles *(07 32)*

07 32 16 00-0001 Corrugated Tiles And Shakes Nailed To Wood *(07 32 16)*

Note: Includes 30 Lb. felt underlayment.

07 32 16 00-0002	SQ	13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 Lb./SQ, Earthtone Colors, Corrugated	1,251.66	473.65
		For >50 To 75, Deduct	*-12.17*	
		For >75 To 100, Deduct	*-44.98*	
		For >100 To 200, Deduct	*-80.84*	
		For >200, Deduct	*-113.65*	
		For Steep Roof, Over 7 To 12, Add	*303.17*	
07 32 16 00-0003	SQ	13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 Lb./SQ, Custom Blues, Corrugated	1,556.00	473.65
		For >50 To 75, Deduct	*-24.34*	
		For >75 To 100, Deduct	*-66.29*	
		For >100 To 200, Deduct	*-114.31*	
		For >200, Deduct	*-156.26*	
		For Steep Roof, Over 7 To 12, Add	*303.17*	
07 32 16 00-0004	SQ	13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 Lb./SQ, Custom Greens Corrugated	1,312.53	473.65
		For >50 To 75, Deduct	*-14.60*	
		For >75 To 100, Deduct	*-49.24*	
		For >100 To 200, Deduct	*-87.53*	
		For >200, Deduct	*-122.17*	
		For Steep Roof, Over 7 To 12, Add	*303.17*	
07 32 16 00-0005	SQ	13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 Lb./SQ, Colors, Shakes	1,228.02	423.78
		For >50 To 75, Deduct	*-15.21*	
		For >75 To 100, Deduct	*-47.81*	
		For >100 To 200, Deduct	*-84.22*	
		For >200, Deduct	*-116.82*	
		For Steep Roof, Over 7 To 12, Add	*271.26*	

07 32 16 00-0006 Accessories *(07 32 16)*

07 32 16 00-0007	EA	Ridge And Hip, 10" X 16-1/2", 8 Lb. Each For Concrete Tile Roof	5.14
07 32 16 00-0008	EA	Rake, 6-1/2" X 16-3/4", 9 Lb. Each For Concrete Tile Roof	3.38
07 32 16 00-0009	EA	Mansard Hip, 10" X 16-1/2", 9.2 Lb. Each For Concrete Tile Roof	5.11
07 32 16 00-0010	EA	Hip Starter, 10" X 16-1/2", 10.5 Lb. Each For Concrete Tile Roof	5.85
07 32 16 00-0011	EA	3 Or 4 Way Apex, 10" Each Side, 11.5 Lb. Each For Concrete Tile Roof	6.09

07 34 Roofing Underlayment *(07 30)*

07 34 00 00-0001 Mechanically Fastened, Roofing Underlayment *(07 34)*

Note: Standard slope.

07 34 00 00-0002	SQ	15 Lb., Asphalt Saturated Organic Felt Roofing Underlayment, Mechanically Fastened	41.65	9.53
		For Steep Roof, Over 7 To 12, Add	*6.10*	
		For >50 To 75, Deduct	*-0.90*	
		For >75 To 100, Deduct	*-2.06*	
		For >100 To 200, Deduct	*-3.44*	
		For >200, Deduct	*-5.07*	
07 34 00 00-0003	SQ	30 Lb., Asphalt Saturated Organic Felt Roofing Underlayment, Mechanically Fastened	63.97	13.12
		For Steep Roof, Over 7 To 12, Add	*8.39*	
		For >50 To 75, Deduct	*-1.51*	
		For >75 To 100, Deduct	*-3.30*	
		For >100 To 200, Deduct	*-5.46*	
		For >200, Deduct	*-7.91*	
07 34 00 00-0004	SQ	30 Lb., Asphalt Saturated Organic Felt Shake Underlayment, Mechanically Fastened	71.08	13.12
		For Steep Roof, Over 7 To 12, Add	*8.39*	
		For >50 To 75, Deduct	*-1.79*	
		For >75 To 100, Deduct	*-3.80*	
		For >100 To 200, Deduct	*-6.25*	
		For >200, Deduct	*-8.90*	
07 34 00 00-0005	SQ	Fire Rated, Polypropylene Roofing Underlayment, Mechanically Fastened (Rex™ Synfelt)	80.04	19.87
		For Steep Roof, Over 7 To 12, Add	*12.71*	
		For >50 To 75, Deduct	*-1.61*	
		For >75 To 100, Deduct	*-3.81*	
		For >100 To 200, Deduct	*-6.42*	
		For >200, Deduct	*-9.62*	
07 34 00 00-0006	SQ	17 Mil, Fire Rated, High Temperature, Coated Woven Synthetic Roofing Underlayment, Mechanically Fastened (TITANIUM™ UDL 25)	88.45	19.87
		For Steep Roof, Over 7 To 12, Add	*12.71*	
		For >50 To 75, Deduct	*-1.95*	
		For >75 To 100, Deduct	*-4.40*	
		For >100 To 200, Deduct	*-7.35*	
		For >200, Deduct	*-10.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 34 00 00-0007	SQ	25 Mil, Fire Rated, High Temperature, Coated Woven Synthetic Roofing Underlayment, Mechanically Fastened (TITANIUM™ UDL 30)	102.32	19.87
		For Steep Roof, Over 7 To 12, Add	*12.71*	
		For >50 To 75, Deduct	*-2.50*	
		For >75 To 100, Deduct	*-5.37*	
		For >100 To 200, Deduct	*-8.87*	
		For >200, Deduct	*-12.74*	
07 34 00 00-0008	SQ	30 Mil, Fire Rated, High Temperature, Coated Woven Synthetic Roofing Underlayment, Mechanically Fastened (TITANIUM™ UDL 50)	95.39	19.87
		For Steep Roof, Over 7 To 12, Add	*12.71*	
		For >50 To 75, Deduct	*-2.23*	
		For >75 To 100, Deduct	*-4.89*	
		For >100 To 200, Deduct	*-8.11*	
		For >200, Deduct	*-11.77*	
07 34 00 00-0009		**Self-Adhering, Roofing Underlayment** *(07 34)*		
		Note: Standard slope.		
07 34 00 00-0010	SQ	48 Mil, Fire Rated, Polymeric Asphalt Surfaced, Fiberglass Mat Reinforced, Styrene-Butadiene-Styrene (SBS) Modified Roofing Underlayment, Self-Adhering (Owens Corning® WeatherLock® Mat)	163.29	24.10
		For Steep Roof, Over 7 To 12, Add	*15.41*	
		For >50 To 75, Deduct	*-4.60*	
		For >75 To 100, Deduct	*-9.26*	
		For >100 To 200, Deduct	*-15.07*	
		For >200, Deduct	*-20.93*	
07 34 00 00-0011	SQ	60 Mil, Fire Rated, Granule Surfaced, Rubberized Asphalt Adhesive, Roofing Underlayment, Self-Adhering (Grace Basik®)	243.70	24.10
		For Steep Roof, Over 7 To 12, Add	*15.41*	
		For >50 To 75, Deduct	*-7.82*	
		For >75 To 100, Deduct	*-14.89*	
		For >100 To 200, Deduct	*-23.92*	
		For >200, Deduct	*-32.19*	
07 34 00 00-0012	SQ	53 Mil, Fire Rated, Granule Surfaced, Fiberglass Mat Reinforced, Styrene-Butadiene-Styrene (SBS) Modified Roofing Underlayment, Self-Adhering (Owens Corning® WeatherLock® G)	173.23	24.10
		For Steep Roof, Over 7 To 12, Add	*15.41*	
		For >50 To 75, Deduct	*-5.00*	
		For >75 To 100, Deduct	*-9.96*	
		For >100 To 200, Deduct	*-16.17*	
		For >200, Deduct	*-22.33*	
07 34 00 00-0013	SQ	65 Mil, Fire Rated, Polyester Non-Woven Fabric Surfaced, Fiberglass Mat Reinforced, Styrene-Butadiene-Styrene (SBS) Modified Roofing Underlayment, Self-Adhering (Owens Corning® WeatherLock® Specialty Tile And Metal)	163.29	24.10
		For Steep Roof, Over 7 To 12, Add	*15.41*	
		For >50 To 75, Deduct	*-4.60*	
		For >75 To 100, Deduct	*-9.26*	
		For >100 To 200, Deduct	*-15.07*	
		For >200, Deduct	*-20.93*	
07 34 00 00-0014	SQ	45 Mil, Fire Rated, High Temperature, Synthetic Polymer Surfaced, Modified Rubberized Asphalt, Roofing Underlayment, Self-Adhering (TITANIUM™ PSU-30)	232.10	24.10
		For Steep Roof, Over 7 To 12, Add	*15.41*	
		For >50 To 75, Deduct	*-7.36*	
		For >75 To 100, Deduct	*-14.08*	
		For >100 To 200, Deduct	*-22.64*	
		For >200, Deduct	*-30.57*	
07 34 00 00-0015	SQ	25 Mil, Fire Rated, Embossed Surface, Rubberized Asphalt Adhesive, High-Density Cross Laminated Polyethylene Reinforcement, Roofing Underlayment, Self-Adhering (Grace Select)	195.76	24.10
		For Steep Roof, Over 7 To 12, Add	*15.41*	
		For >50 To 75, Deduct	*-5.90*	
		For >75 To 100, Deduct	*-11.54*	
		For >100 To 200, Deduct	*-18.64*	
		For >200, Deduct	*-25.48*	
07 34 00 00-0016	SQ	40 Mil, Fire Rated, Embossed Surface, Rubberized Asphalt Adhesive, High-Density Cross Laminated Polyethylene Reinforcement, Roofing Underlayment, Self-Adhering (Grace Ice And Water Shield®)	289.39	24.10
		For Steep Roof, Over 7 To 12, Add	*15.41*	
		For >50 To 75, Deduct	*-9.65*	
		For >75 To 100, Deduct	*-18.09*	
		For >100 To 200, Deduct	*-28.94*	
		For >200, Deduct	*-38.59*	
07 34 00 00-0017	SQ	40 Mil, Fire Rated, High Temperature, Embossed Surface, Rubberized Asphalt Adhesive, High-Density Cross Laminated Polyethylene Reinforcement, Roofing Underlayment, Self-Adhering (Grace Ice And Water Shield® HT)	330.40	24.10
		For Steep Roof, Over 7 To 12, Add	*15.41*	
		For >50 To 75, Deduct	*-11.29*	
		For >75 To 100, Deduct	*-20.96*	
		For >100 To 200, Deduct	*-33.45*	
		For >200, Deduct	*-44.33*	
07 34 00 00-0018	SQ	30 Mil, Fire Rated, High Temperature, Fire Rated, Embossed Surface, Butyl Rubber Based Adhesive, High-Density Cross Laminated Polyethylene Reinforcement, Roofing Underlayment, Self-Adhering (Grace Ultra)	484.27	24.10
		For Steep Roof, Over 7 To 12, Add	*15.41*	
		For >50 To 75, Deduct	*-17.44*	
		For >75 To 100, Deduct	*-31.73*	
		For >100 To 200, Deduct	*-50.38*	
		For >200, Deduct	*-65.87*	

07 40 Roofing and Siding Panels *(07)*

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

07 41 Roof Panels *(07 40)*

Note: Includes standard fasteners, grommets, cleats for installation.

07 41 13 Metal Roof Panels *(07 41)*

07 41 13 00-0001 Exposed Fastener Metal Roofing *(07 41 13)*

Note: Includes 15 year warranty and all warranties are no dollar limit to include material and labor.

07 41 13 00-0002 Galvanized Exposed Fastener Metal Roofing *(07 41 13 00-0001)*

07 41 13 00-0003 Galvanized Steel Exposed Fastener Metal Roof Panels *(07 41 13 00-0002)*

07 41 13 00-0004	SF	18 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels		7.37	2.94
		For Fluoropolymer (Kynar®) Coating, Add		*1.61*	
		For Steep Roof, Over 7 To 12, Add		*1.51*	
07 41 13 00-0005	SF	20 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels		6.90	2.94
		For Fluoropolymer (Kynar®) Coating, Add		*1.61*	
		For Steep Roof, Over 7 To 12, Add		*1.51*	
07 41 13 00-0006	SF	22 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels		6.58	2.94
		For Fluoropolymer (Kynar®) Coating, Add		*1.61*	
		For Steep Roof, Over 7 To 12, Add		*1.51*	
07 41 13 00-0007	SF	24 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels		6.25	2.94
		For Fluoropolymer (Kynar®) Coating, Add		*1.61*	
		For Steep Roof, Over 7 To 12, Add		*1.51*	
07 41 13 00-0008	SF	26 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels		5.98	2.94
		For Fluoropolymer (Kynar®) Coating, Add		*1.61*	
		For Steep Roof, Over 7 To 12, Add		*1.51*	
07 41 13 00-0009	SF	28 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels		5.75	2.94
		For Fluoropolymer (Kynar®) Coating, Add		*1.61*	
		For Steep Roof, Over 7 To 12, Add		*1.51*	
07 41 13 00-0010	SF	30 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels		5.66	2.94
		For Fluoropolymer (Kynar®) Coating, Add		*1.61*	
		For Steep Roof, Over 7 To 12, Add		*1.51*	

07 41 13 00-0011 Galvanized Exposed Fastener Metal Roof Accessories *(07 41 13 00-0002)*

See CSI section 07 41 13 00-0038 for accessories.

07 41 13 00-0012	LF	Ridge Flashing For Galvanized Steel Exposed Fastener Roofing		28.53	3.06
		For Steep Roof, Over 7 To 12, Add		*3.96*	
		For Fluoropolymer (Kynar®) Coating, Add		*1.62*	
07 41 13 00-0013	LF	9" To 12" Girth, Eave Or Gable Flashing For Galvanized Steel Exposed Fastener Roofing		17.83	2.01
		For Steep Roof, Over 7 To 12, Add		*2.64*	
		For Fluoropolymer (Kynar®) Coating, Add		*0.96*	
07 41 13 00-0014	LF	Valley Flashing For Galvanized Steel Exposed Fastener Roofing		34.87	3.06
		For Steep Roof, Over 7 To 12, Add		*3.96*	
		For Fluoropolymer (Kynar®) Coating, Add		*2.25*	
07 41 13 00-0015	LF	Hip Flashing For Galvanized Steel Exposed Fastener Roofing		29.10	3.06
		For Steep Roof, Over 7 To 12, Add		*3.96*	
		For Fluoropolymer (Kynar®) Coating, Add		*1.67*	

07 41 13 00-0016 Aluminum Exposed Fastener Metal Roofing *(07 41 13 00-0001)*

07 41 13 00-0017 Aluminum Exposed Fastener Metal Roof Panels *(07 41 13 00-0016)*

07 41 13 00-0018	SF	0.0155", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels		7.14	2.94
		For Fluoropolymer (Kynar®) Coating, Add		*1.61*	
		For Steep Roof, Over 7 To 12, Add		*1.51*	
07 41 13 00-0019	SF	0.018", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels		7.53	2.94
		For Fluoropolymer (Kynar®) Coating, Add		*1.61*	
		For Steep Roof, Over 7 To 12, Add		*1.51*	
07 41 13 00-0020	SF	0.024", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels		8.47	2.94
		For Fluoropolymer (Kynar®) Coating, Add		*1.61*	
		For Steep Roof, Over 7 To 12, Add		*1.51*	
07 41 13 00-0021	SF	0.032", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels		9.71	2.94
		For Fluoropolymer (Kynar®) Coating, Add		*1.61*	
		For Steep Roof, Over 7 To 12, Add		*1.51*	
07 41 13 00-0022	SF	0.040", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels		10.96	2.94
		For Fluoropolymer (Kynar®) Coating, Add		*1.61*	
		For Steep Roof, Over 7 To 12, Add		*1.51*	
07 41 13 00-0023	SF	0.050", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels		12.52	2.94
		For Fluoropolymer (Kynar®) Coating, Add		*1.61*	
		For Steep Roof, Over 7 To 12, Add		*1.51*	

07 41 13 00-0024 Aluminum Exposed Fastener Metal Roof Accessories *(07 41 13 00-0016)*

07 41 13 00-0025	LF	Ridge Flashing For Aluminum Exposed Fastener Metal Roofing		32.42	3.06
		For Steep Roof, Over 7 To 12, Add		*3.96*	
		For Fluoropolymer (Kynar®) Coating, Add		*2.00*	
07 41 13 00-0026	LF	9" To 12" Girth, Eave Or Gable Flashing For Aluminum Exposed Fastener Metal Roofing		20.08	2.12
		For Steep Roof, Over 7 To 12, Add		*2.64*	
		For Fluoropolymer (Kynar®) Coating, Add		*1.18*	
07 41 13 00-0027	LF	Valley Flashing For Aluminum Exposed Fastener Metal Roofing		40.34	3.06
		For Steep Roof, Over 7 To 12, Add		*3.96*	
		For Fluoropolymer (Kynar®) Coating, Add		*2.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 41 13 00-0028	LF	Hip Flashing For Aluminum Exposed Fastener Metal Roofing	33.14	3.06
		For Steep Roof, Over 7 To 12, Add	*3.96*	
		For Fluoropolymer (Kynar®) Coating, Add	*2.08*	

07 41 13 00-0029 Standing Seam Roofs *(07 41 13)*

Note: Includes all profiles of vertical leg and batten style standing seam roofing. Includes all clips, neoprene closures, metal closures, battens, tape sealer, tube sealant, fasteners, vent material, panel starters and cleats. Based on Garland R-Mer Clad or R-Mer Seam architectural roofing, R-Mer Loc architectural/structural roofing, and R-Mer Span structural roofing. Architectural roofing requires a solid substrate and underlayment, requires a minimum 3:12 pitch, and includes a 20 year no dollar limit warranty. Architectural/structural roofing does not require a solid substrate or underlayment, requires a minimum 3:12 pitch, and includes a 25 year no dollar limit warranty. Structural roofing does not require a solid substrate or underlayment, requires a minimum 1/4" per foot slope, and includes a 25 year no dollar limit warranty.

07 41 13 00-0030 Galvanized Steel Standing Seam Concealed Fastener Roofing *(07 41 13 00-0029)*

Note: All steel is galvanized G90 rated or galvalume®. Factory paint finish is Kynar 500®, Hylar 5000® or equal polyvinylidene fluoride (PVDF) finish.

07 41 13 00-0031 Galvanized Steel Standing Seam Concealed Fastener Roofing *(07 41 13 00-0030)*

07 41 13 00-0032	SF	Architectural 24 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing	13.61	3.13
		For Steep Roof, Over 6 To 12, Add	*1.88*	
		For 140 MPH Wind Load, Add	*0.77*	
		For Panels <16" Wide, Add	*1.84*	
		For Up To 1,500, Add	*3.40*	
		For >1,500 To 5,000, Add	*2.04*	
		For >5,000 To 10,000, Add	*0.34*	
07 41 13 00-0033	SF	Architectural 22 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing	14.30	3.13
		For Steep Roof, Over 6 To 12, Add	*1.88*	
		For 140 MPH Wind Load, Add	*0.79*	
		For Panels <16" Wide, Add	*1.87*	
		For Up To 1,500, Add	*3.58*	
		For >1,500 To 5,000, Add	*2.15*	
		For >5,000 To 10,000, Add	*0.36*	
07 41 13 00-0034	SF	Architectural/Structural 24 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing	13.00	3.13
		For Steep Roof, Over 6 To 12, Add	*1.88*	
		For 140 MPH Wind Load, Add	*0.76*	
		For Panels <16" Wide, Add	*1.81*	
		For Up To 1,500, Add	*3.25*	
		For >1,500 To 5,000, Add	*1.95*	
		For >5,000 To 10,000, Add	*0.33*	
07 41 13 00-0035	SF	Architectural/Structural 22 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing	13.24	3.13
		For Steep Roof, Over 6 To 12, Add	*1.88*	
		For 140 MPH Wind Load, Add	*0.76*	
		For Panels <16" Wide, Add	*1.82*	
		For Up To 1,500, Add	*3.31*	
		For >1,500 To 5,000, Add	*1.99*	
		For >5,000 To 10,000, Add	*0.33*	
07 41 13 00-0036	SF	Structural 24 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing	13.52	3.13
		For Steep Roof, Over 6 To 12, Add	*1.88*	
		For 140 MPH Wind Load, Add	*0.77*	
		For Panels <16" Wide, Add	*1.83*	
		For Up To 1,500, Add	*3.38*	
		For >1,500 To 5,000, Add	*2.03*	
		For >5,000 To 10,000, Add	*0.34*	
07 41 13 00-0037	SF	Structural 22 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing	14.52	3.13
		For Steep Roof, Over 6 To 12, Add	*1.88*	
		For 140 MPH Wind Load, Add	*0.79*	
		For Panels <16" Wide, Add	*1.88*	
		For Up To 1,500, Add	*3.63*	
		For >1,500 To 5,000, Add	*2.18*	
		For >5,000 To 10,000, Add	*0.36*	

07 41 13 00-0038 Accessories For Galvanized Steel Standing Seam Roofing *(07 41 13 00-0030)*

07 41 13 00-0039	LF	Ridge Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing	30.14	3.06
		For Steep Roof, Over 6 To 12, Add	*3.71*	
		For 140 MPH Wind Load, Add	*1.59*	
07 41 13 00-0040	LF	9" To 12" Girth, Eave Or Gable Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing	18.79	2.12
		For Steep Roof, Over 6 To 12, Add	*2.48*	
		For 140 MPH Wind Load, Add	*1.04*	
07 41 13 00-0041	LF	Valley Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing	37.12	3.06
		For Steep Roof, Over 6 To 12, Add	*3.71*	
		For 140 MPH Wind Load, Add	*1.73*	
07 41 13 00-0042	LF	Hip Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing	30.78	3.06
		For Steep Roof, Over 6 To 12, Add	*3.71*	
		For 140 MPH Wind Load, Add	*1.61*	

07 41 13 00-0043 Aluminum Standing Seam Concealed Fastener Roofing *(07 41 13 00-0029)*

Note: Factory paint finish is Kynar 500®, Hylar 5000® or equal polyvinylidene fluoride (PVDF) finish.

07 41 13 00-0044 Aluminum Standing Seam Concealed Fastener Roofing *(07 41 13 00-0043)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 41 13 00-0045	SF	Architectural 0.032" Aluminum Standing Seam Concealed Fastener Roofing	14.09	3.13
		For Steep Roof, Over 6 To 12, Add	*1.88*	
		For 140 MPH Wind Load, Add	*0.78*	
		For Panels <16" Wide, Add	*1.86*	
		For Up To 1,500, Add	*3.52*	
		For >1,500 To 5,000, Add	*2.11*	
		For >5,000 To 10,000, Add	*0.35*	
07 41 13 00-0046	SF	Architectural 0.040" Aluminum Standing Seam Concealed Fastener Roofing	14.68	3.13
		For Steep Roof, Over 6 To 12, Add	*1.88*	
		For 140 MPH Wind Load, Add	*0.79*	
		For Panels <16" Wide, Add	*1.89*	
		For Up To 1,500, Add	*3.67*	
		For >1,500 To 5,000, Add	*2.20*	
		For >5,000 To 10,000, Add	*0.37*	
07 41 13 00-0047	SF	Architectural/Structural Or Structural 0.032" Aluminum Standing Seam Concealed Fastener Roofing	13.76	3.13
		For Steep Roof, Over 6 To 12, Add	*1.88*	
		For 140 MPH Wind Load, Add	*0.78*	
		For Panels <16" Wide, Add	*1.84*	
		For Up To 1,500, Add	*3.44*	
		For >1,500 To 5,000, Add	*2.06*	
		For >5,000 To 10,000, Add	*0.34*	
07 41 13 00-0048	SF	Architectural/Structural Or Structural 0.040" Aluminum Standing Seam Concealed Fastener Roofing	14.84	3.13
		For Steep Roof, Over 6 To 12, Add	*1.88*	
		For 140 MPH Wind Load, Add	*0.80*	
		For Panels <16" Wide, Add	*1.90*	
		For Up To 1,500, Add	*3.71*	
		For >1,500 To 5,000, Add	*2.23*	
		For >5,000 To 10,000, Add	*0.37*	
07 41 13 00-0049		Accessories For Aluminum Standing Seam Roofing *(07 41 13 00-0043)*		
07 41 13 00-0050	LF	Ridge Flashing For Aluminum Standing Seam Concealed Fastener Roofing	34.42	3.06
		For Steep Roof, Over 6 To 12, Add	*3.71*	
		For 140 MPH Wind Load, Add	*1.68*	
07 41 13 00-0051	LF	9" To 12" Girth, Eave Or Gable Flashing For Aluminum Standing Seam Concealed Fastener Roofing	21.26	2.12
		For Steep Roof, Over 6 To 12, Add	*2.48*	
		For 140 MPH Wind Load, Add	*1.09*	
07 41 13 00-0052	LF	Valley Flashing For Aluminum Standing Seam Concealed Fastener Roofing	43.14	3.06
		For Steep Roof, Over 6 To 12, Add	*3.71*	
		For 140 MPH Wind Load, Add	*1.85*	
07 41 13 00-0053	LF	Hip Flashing For Aluminum Standing Seam Concealed Fastener Roofing	35.22	3.06
		For Steep Roof, Over 6 To 12, Add	*3.71*	
		For 140 MPH Wind Load, Add	*1.69*	
07 41 13 00-0054		Stainless Steel Standing Seam Concealed Fastener Roofing *(07 41 13 00-0029)*		
07 41 13 00-0055		Stainless Steel Standing Seam Concealed Fastener Roofing *(07 41 13 00-0054)*		
07 41 13 00-0056	SF	Architectural 24 Gauge T304 Stainless Steel Standing Seam Concealed Fastener Roofing	26.31	3.75
		For Steep Roof, Over 6 To 12, Add	*2.81*	
		For 140 MPH Wind Load, Add	*1.28*	
		For Panels <16" Wide, Add	*3.05*	
		For Up To 1,500, Add	*6.58*	
		For >1,500 To 5,000, Add	*3.95*	
		For >5,000 To 10,000, Add	*0.66*	
07 41 13 00-0057	SF	Architectural 22 Gauge T304 Stainless Steel Standing Seam Concealed Fastener Roofing	29.91	3.75
		For Steep Roof, Over 6 To 12, Add	*2.81*	
		For 140 MPH Wind Load, Add	*1.35*	
		For Panels <16" Wide, Add	*3.23*	
		For Up To 1,500, Add	*7.48*	
		For >1,500 To 5,000, Add	*4.49*	
		For >5,000 To 10,000, Add	*0.75*	
07 41 13 00-0058	SF	Architectural 24 Gauge T316 Stainless Steel Standing Seam Concealed Fastener Roofing	34.18	3.75
		For Steep Roof, Over 6 To 12, Add	*2.81*	
		For 140 MPH Wind Load, Add	*1.43*	
		For Panels <16" Wide, Add	*3.44*	
		For Up To 1,500, Add	*8.55*	
		For >1,500 To 5,000, Add	*5.13*	
		For >5,000 To 10,000, Add	*0.85*	
07 41 13 00-0059	SF	Architectural 22 Gauge T316 Stainless Steel Standing Seam Concealed Fastener Roofing	39.66	3.75
		For Steep Roof, Over 6 To 12, Add	*2.81*	
		For 140 MPH Wind Load, Add	*1.54*	
		For Panels <16" Wide, Add	*3.72*	
		For Up To 1,500, Add	*9.92*	
		For >1,500 To 5,000, Add	*5.95*	
		For >5,000 To 10,000, Add	*0.99*	
07 41 13 00-0060		Accessories For Stainless Steel Standing Seam Concealed Fastener Roofing *(07 41 13 00-0054)*		
07 41 13 00-0061	LF	Ridge Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing	79.79	3.42
		For Steep Roof, Over 6 To 12, Add	*4.10*	
		For 140 MPH Wind Load, Add	*2.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 41 13 00-0062	LF	9" To 12" Girth, Eave Or Gable Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing	43.17	2.24
		For Steep Roof, Over 6 To 12, Add	*2.72*	
		For 140 MPH Wind Load, Add	*1.59*	
07 41 13 00-0063	LF	Valley Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing	109.95	3.42
		For Steep Roof, Over 6 To 12, Add	*4.07*	
		For 140 MPH Wind Load, Add	*3.28*	
07 41 13 00-0064	LF	Hip Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing	82.18	3.42
		For Steep Roof, Over 6 To 12, Add	*4.10*	
		For 140 MPH Wind Load, Add	*2.74*	
07 41 13 00-0065		Metal Roof Surfacing *(07 41 13)*		
07 41 13 00-0066	SF	Acrylic, Metal Roof Primer, One Coat	0.82	
		For Steep Roof, Over 7 To 12, Add	*0.17*	
07 41 13 00-0067	SF	Acrylic Elastomeric, Surface Or Base Coating For Metal Roofing, One Coat Note: 55% solids by volume.	1.07	
		For Steep Roof, Over 7 To 12, Add	*0.17*	
07 41 33		**Plastic Roof Panels** *(07 41)*		
07 41 33 00-0001		Polyvinyl Chloride (PVC) Roofing Panels *(07 41 33)*		
07 41 33 00-0002		Polyvinyl Chloride (PVC) Roofing Panels *(07 41 33 00-0001)*		
07 41 33 00-0003	SF	Solid Polyvinyl Chloride (PVC) Roofing Panels, 8" Wide	7.27	2.66
07 41 33 00-0004	SF	Solid Polyvinyl Chloride (PVC) Roofing Panels, 10" Wide	6.87	2.40
07 41 33 00-0005	SF	Solid Polyvinyl Chloride (PVC) Roofing Panels, Double 8" Wide	7.49	2.66
07 41 33 00-0006	SF	Solid Polyvinyl Chloride (PVC) Roofing Panels, Double 10" Wide	7.05	2.40
07 41 33 00-0007		Polyvinyl Chloride (PVC) Roofing Accessories *(07 41 33 00-0001)*		
07 41 33 00-0008	LF	1" "J" Channel, Starter Strip Trim	4.59	2.00
07 41 33 00-0009	LF	3-1/2" "J" Channel, Starter Strip Trim	6.22	2.00
07 41 33 00-0010	LF	Outside Corner Post, 7/8" Pocket	6.69	2.00
07 41 33 00-0011	LF	Inside Corner Post, 7/8" Pocket	5.42	2.00
07 41 33 00-0012		Fiberglass Roofing Panel *(07 41 33)*		
07 41 33 00-0013		Corrugated Panels *(07 41 33 00-0012)*		
07 41 33 00-0014	SF	8 Ounce Corrugated Fiberglass Panel	8.18	2.13
07 41 33 00-0015	SF	12 Ounce Corrugated Fiberglass Panel	9.45	2.13
07 42		**Wall Panels** *(07 40)*		
07 42 13		**Metal Wall Panels** *(07 42)*		
07 42 13 19		**Insulated Metal Wall Panels** *(07 42 13)*		
07 42 13 19-0001		Insulated Panels For Sash/Window Replacement *(07 42 13 19)* Note: Porcelain or polymer finish on aluminum panel with polystyrene core.		
07 42 13 19-0002	SF	1" Insulated Panel For Sash Or Window Replacement	39.44	4.55
		For Non-Insulated Panels, Deduct	*-7.57*	
07 42 13 19-0003	SF	1-1/4" Insulated Panel For Sash Or Window Replacement	42.50	5.12
		For Non-Insulated Panels, Deduct	*-8.09*	
07 42 13 19-0004	SF	1-3/4" Insulated Panel For Sash Or Window Replacement	45.38	5.70
		For Non-Insulated Panels, Deduct	*-8.61*	
07 42 13 19-0005	SF	2-1/4" Insulated Panel For Sash Or Window Replacement	48.38	5.92
		For Non-Insulated Panels, Deduct	*-9.13*	
07 42 13 19-0006	SF	3-1/4" Insulated Panel For Sash Or Window Replacement	55.36	6.49
		For Non-Insulated Panels, Deduct	*-10.61*	
07 42 13 19-0007	SF	4-1/4" Insulated Panel For Sash Or Window Replacement	65.14	7.18
		For Non-Insulated Panels, Deduct	*-12.73*	
07 42 13 23		**Metal Composite Material Wall Panels** *(07 42 13)*		
07 42 13 23-0001		24 Gauge, Galvanized Steel Insulated Tongue And Groove Metal Siding Panels *(07 42 13 23)* Note: G-90 galvanized steel, 24 gauge exterior face and 24 gauge interior liner. Galvalume® AZ-55 coating designation with texture. Non-CFC polyurethane foam core. Standard color on exterior and interior panels. CF Mesa Profile wall panels as manufactured by Metl-Span Corporation.		
07 42 13 23-0002	SF	2" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels	23.70	2.71
		For AZ-50 Aluminum-Zinc Coated Exterior, Add	*0.24*	
		For Premium Exterior Colors, Add	*0.12*	
07 42 13 23-0003	SF	2-1/2" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels	26.57	3.06
		For AZ-50 Aluminum-Zinc Coated Exterior, Add	*0.24*	
		For Premium Exterior Colors, Add	*0.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 42 13 23-0004	SF	3" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels	28.98	3.48
		For AZ-50 Aluminum-Zinc Coated Exterior, Add	*0.24*	
		For Premium Exterior Colors, Add	*0.12*	
07 42 13 23-0005	SF	4" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels	32.25	4.60
		For AZ-50 Aluminum-Zinc Coated Exterior, Add	*0.24*	
		For Premium Exterior Colors, Add	*0.12*	

07 42 93 Soffit Panels *(07 42)*

07 42 93 00-0001 Aluminum Soffit And Fascia *(07 42 93)*

Note: Excludes J-channel.

07 42 93 00-0002	LF	6" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	4.76	1.60
		For 0.015" Thick, Deduct	*-0.11*	
07 42 93 00-0003	LF	10" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	5.95	1.68
		For 0.015" Thick, Deduct	*-0.17*	
07 42 93 00-0004	LF	1' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	6.55	1.72
		For 0.015" Thick, Deduct	*-0.21*	
07 42 93 00-0005	LF	1'-6" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	8.29	1.81
		For 0.015" Thick, Deduct	*-0.34*	
07 42 93 00-0006	LF	2' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	10.20	1.98
		For 0.015" Thick, Deduct	*-0.45*	
07 42 93 00-0007	LF	3' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	13.70	2.19
		For 0.015" Thick, Deduct	*-0.68*	
07 42 93 00-0008	LF	4' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	17.26	2.41
		For 0.015" Thick, Deduct	*-0.89*	
07 42 93 00-0009	LF	5' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	20.84	2.65
		For 0.015" Thick, Deduct	*-1.12*	
07 42 93 00-0010	LF	4" Exposure, 0.024" Thick, Aluminum Fascia	5.66	1.56
07 42 93 00-0011	LF	6" Exposure, 0.024" Thick, Aluminum Fascia	6.22	1.60
07 42 93 00-0012	LF	8" Exposure, 0.024" Thick, Aluminum Fascia	7.36	1.64
07 42 93 00-0013	LF	10" Exposure, 0.024" Thick, Aluminum Fascia	8.58	1.68

07 46 Siding *(07 40)*

07 46 16 Aluminum Siding *(07 46)*

Note: Includes fasteners, all necessary furring strips, trim for corners, windows and doors.

07 46 16 00-0001 Aluminum Coil Stock Cladding *(07 46 16)*

Note: Per SF of board, includes overlappage.

07 46 16 00-0002	SF	0.016" Thick, Aluminum Clad Siding	12.54	4.05
07 46 16 00-0003	SF	0.019" Thick, Aluminum Clad Siding	12.72	4.05
07 46 16 00-0004	SF	0.024" Thick, Aluminum Clad Siding	13.00	4.05

07 46 16 00-0005 Aluminum Siding Panels *(07 46 16)*

07 46 16 00-0006 Corrugated Aluminum Siding Panels *(07 46 16 00-0005)*

Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.

07 46 16 00-0007	SF	0.019", Painted Finish, Corrugated Aluminum Siding Panel	9.21	2.36
07 46 16 00-0008	SF	0.021", Painted Finish, Corrugated Aluminum Siding Panel	9.61	2.36
07 46 16 00-0009	SF	0.024", Painted Finish, Corrugated Aluminum Siding Panel	10.86	2.36
07 46 16 00-0010	SF	0.032", Painted Finish, Corrugated Aluminum Siding Panel	13.30	2.36

07 46 16 00-0011 V- Beam Aluminum Siding Panels *(07 46 16 00-0005)*

Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.

07 46 16 00-0012	SF	0.032", Painted Finish, V- Beam Aluminum Siding Panel	13.20	2.36
07 46 16 00-0013	SF	0.040", Painted Finish, V- Beam Aluminum Siding Panel	14.83	2.36
07 46 16 00-0014	SF	0.050", Painted Finish, V- Beam Aluminum Siding Panel	18.71	2.36

07 46 16 00-0015 Box Ribbed Aluminum Siding Panels *(07 46 16 00-0005)*

Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.

07 46 16 00-0016	SF	0.032", Painted Finish, Box Ribbed Aluminum Siding Panel	13.92	2.36
07 46 16 00-0017	SF	0.040", Painted Finish, Box Ribbed Aluminum Siding Panel	15.50	2.36
07 46 16 00-0018	SF	0.050", Painted Finish, Box Ribbed Aluminum Siding Panel	16.47	2.36

07 46 16 00-0019 Aluminum Siding Accessories *(07 46 16)*

07 46 16 00-0020	LF	3/8" Pocket, Aluminum J-Channel	3.66	1.49
07 46 16 00-0021	LF	1/2" Pocket, Aluminum J-Channel	3.66	1.49
07 46 16 00-0022	LF	3/4" Pocket, Aluminum J-Channel	4.37	1.49
07 46 16 00-0023	LF	3/8" Pocket, Aluminum F-Channel	4.07	1.49
07 46 16 00-0024	LF	1/2" Pocket, Aluminum F-Channel	4.07	1.49

07 46 19 Steel Siding *(07 46)*

Note: Includes fasteners, all necessary furring strips, trim for corners, windows and doors.

07 46 19 00-0001 Steel Siding Panels *(07 46 19)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 46 19 00-0002		**Corrugated Steel Siding Panels** *(07 46 19 00-0001)*		
		Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.		
07 46 19 00-0003	SF	20 Gauge, Painted Finish, Corrugated Steel Siding Panel	12.51	2.36
		For Galvanized Instead Of Painted Steel, Add	*1.95*	
07 46 19 00-0004	SF	22 Gauge, Painted Finish, Corrugated Steel Siding Panel	11.51	2.36
		For Galvanized Instead Of Painted Steel, Add	*1.70*	
07 46 19 00-0005	SF	24 Gauge, Painted Finish, Corrugated Steel Siding Panel	11.26	2.36
		For Galvanized Instead Of Painted Steel, Add	*1.64*	
07 46 19 00-0006	SF	26 Gauge, Painted Finish, Corrugated Steel Siding Panel	8.31	2.36
		For Galvanized Instead Of Painted Steel, Add	*0.90*	
07 46 19 00-0007	SF	28 Gauge, Painted Finish, Corrugated Steel Siding Panel	8.10	2.36
		For Galvanized Instead Of Painted Steel, Add	*0.85*	
07 46 19 00-0008	SF	30 Gauge, Painted Finish, Corrugated Steel Siding Panel	7.96	2.36
		For Galvanized Instead Of Painted Steel, Add	*0.81*	
07 46 19 00-0009		**Box Ribbed Steel Siding Panels** *(07 46 19 00-0001)*		
		Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.		
07 46 19 00-0010	SF	20 Gauge, Painted Finish, Box Ribbed Steel Siding Panel	11.76	2.36
		For Galvanized Instead Of Painted Steel, Add	*1.76*	
07 46 19 00-0011	SF	22 Gauge, Painted Finish, Box Ribbed Steel Siding Panel	11.31	2.36
		For Galvanized Instead Of Painted Steel, Add	*1.65*	
07 46 19 00-0012	SF	24 Gauge, Painted Finish, Box Ribbed Steel Siding Panel	11.01	2.36
		For Galvanized Instead Of Painted Steel, Add	*1.57*	
07 46 19 00-0013	SF	26 Gauge, Painted Finish, Box Ribbed Steel Siding Panel	10.51	2.36
		For Galvanized Instead Of Painted Steel, Add	*1.45*	
07 46 19 00-0014	SF	28 Gauge, Painted Finish, Box Ribbed Steel Siding Panel	9.44	2.36
		For Galvanized Instead Of Painted Steel, Add	*1.18*	
07 46 19 00-0015		**Clapboard Steel Siding Panels** *(07 46 19 00-0001)*		
		Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.		
07 46 19 00-0016	SF	29 Gauge, Painted Finish, Clapboard Steel Siding Panel	9.50	1.18
07 46 23		**Wood Siding** *(07 46)*		
		Note: Includes fasteners, all necessary furring strips, trim for corners, windows and doors.		
07 46 23 00-0001		**Wood Lap Siding** *(07 46 23)*		
07 46 23 00-0002	LF	8" Wide Rough Sawn Cedar Lap Siding	4.32	1.65
07 46 23 00-0003	LF	10" Wide Rough Sawn Cedar Lap Siding	4.87	1.76
07 46 23 00-0004	LF	12" Wide Rough Sawn Cedar Lap Siding	5.44	1.87
07 46 23 00-0005	LF	6" To 8" Wide Southern Yellow Pine Lap Siding, D Grade	4.62	1.65
07 46 23 00-0006	LF	6" To 8" Wide Spruce Lap Siding, #2 Or Better	5.14	1.65
07 46 23 00-0007	LF	6" To 8" Wide Western Red Cedar, B Grade Lap Siding	6.24	1.65
07 46 23 00-0008	LF	6" To 8" Wide Western Red Cedar, A Grade Lap Siding	6.68	1.65
07 46 23 00-0009	LF	6" To 8" Wide Clear Heart Redwood Lap Siding	6.06	1.65
07 46 23 00-0010	LF	1" x 8" Cedar Round Or Flat Front Siding, Log Cabin	4.39	1.76
07 46 23 00-0011	LF	1" x 8" Cedar Beveled Siding, Channel, Rustic	4.39	1.76
07 46 23 00-0012		**Tongue And Groove Siding** *(07 46 23)*		
07 46 23 00-0013	SF	1" x 6" Tongue And Groove Southern Yellow Pine Siding	4.31	1.65
07 46 23 00-0014	SF	1" x 8" Tongue And Groove Southern Yellow Pine Siding	4.77	1.65
07 46 23 00-0015	SF	1" x 6" 105 Southern Yellow Pine Siding	4.42	1.65
07 46 23 00-0016	SF	1" x 8" 105 Southern Yellow Pine Siding	5.04	1.65
07 46 29		**Plywood Siding** *(07 46)*		
		Note: Includes fasteners, all necessary furring strips, trim for corners, windows and doors.		
07 46 29 00-0001		**T-111 Siding** *(07 46 29)*		
07 46 29 00-0002	SF	5/8" T-111, Fine Grade Siding, Paint Ready Applied To Blackboard / Stud	2.95	0.80
		For Pressure Treated, Add	*0.18*	
07 46 33		**Plastic Siding** *(07 46)*		
		Note: Includes fasteners, all necessary furring strips, trim for corners, windows and doors.		
07 46 33 00-0001		**Vinyl Siding** *(07 46 33)*		
		Note: Includes standard manufacturer's colors.		
07 46 33 00-0002		**Vinyl Siding Panels** *(07 46 33 00-0001)*		
		Note: Excludes J-channels, starter strips and trim.		
07 46 33 00-0003		**Horizontal Vinyl Siding Panels** *(07 46 33 00-0002)*		
		Note: Includes single, double or triple profiles. Includes traditional clapboard or dutch lap styles.		
07 46 33 00-0004	SF	7" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel	5.23	1.95
		For 0.040" Thick, Deduct	*-0.18*	
		For 0.042" Thick, Deduct	*-0.08*	
		For 0.046" Thick, Add	*0.92*	
		For Manufacturer's Custom Colors, Add	*0.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 46 33 00-0005	SF	8" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel	5.00	1.84
		For 0.040" Thick, Deduct	*-0.18*	
		For 0.042" Thick, Deduct	*-0.08*	
		For 0.046" Thick, Add	*0.92*	
		For Manufacturer's Custom Colors, Add	*0.07*	
07 46 33 00-0006	SF	9" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel	4.83	1.75
		For 0.040" Thick, Deduct	*-0.18*	
		For 0.042" Thick, Deduct	*-0.08*	
		For 0.046" Thick, Add	*0.92*	
		For Manufacturer's Custom Colors, Add	*0.07*	
07 46 33 00-0007	SF	10" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel	4.65	1.67
		For 0.040" Thick, Deduct	*-0.18*	
		For 0.042" Thick, Deduct	*-0.08*	
		For 0.046" Thick, Add	*0.92*	
		For Manufacturer's Custom Colors, Add	*0.07*	
07 46 33 00-0008	SF	12" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel	4.43	1.54
		For 0.040" Thick, Deduct	*-0.18*	
		For 0.042" Thick, Deduct	*-0.08*	
		For 0.046" Thick, Add	*0.92*	
		For Manufacturer's Custom Colors, Add	*0.07*	
07 46 33 00-0009		**Vertical Vinyl Siding Panels** *(07 46 33 00-0002)*		
07 46 33 00-0010	SF	7" Exposure, 0.048" Thick, Board And Batten, Vinyl Siding Panel	6.25	1.95
		For Manufacturer's Custom Colors, Add	*0.12*	
07 46 33 00-0011		**Vinyl Siding Accessories** *(07 46 33 00-0001)*		
07 46 33 00-0012	LF	3/4" Pocket, Outside Corner Post For Vinyl Siding	6.36	1.49
		For Manufacturer's Custom Colors, Add	*0.17*	
07 46 33 00-0013	LF	1-1/8" Pocket, Outside Corner Post For Vinyl Siding	11.52	1.49
		For Manufacturer's Custom Colors, Add	*0.43*	
07 46 33 00-0014	LF	3/4" Pocket, Inside Corner Post For Vinyl Siding	5.06	1.49
		For Manufacturer's Custom Colors, Add	*0.10*	
07 46 33 00-0015	LF	1-1/8" Pocket, Inside Corner Post For Vinyl Siding	6.15	1.49
		For Manufacturer's Custom Colors, Add	*0.16*	
07 46 33 00-0016	LF	3/8" Pocket, J-Channel For Vinyl Siding	3.78	1.49
		For Manufacturer's Custom Colors, Add	*0.05*	
07 46 33 00-0017	LF	1/2" Pocket, J-Channel For Vinyl Siding	3.53	1.49
		For Manufacturer's Custom Colors, Add	*0.04*	
07 46 33 00-0018	LF	5/8" Pocket, J-Channel For Vinyl Siding	3.48	1.49
		For Manufacturer's Custom Colors, Add	*0.04*	
07 46 33 00-0019	LF	3/4" Pocket, J-Channel For Vinyl Siding	3.65	1.49
		For Manufacturer's Custom Colors, Add	*0.05*	
07 46 33 00-0020	LF	1" Pocket, J-Channel For Vinyl Siding	4.31	1.49
		For Manufacturer's Custom Colors, Add	*0.07*	
07 46 33 00-0021	LF	1-1/4" Pocket, J-Channel For Vinyl Siding	4.69	1.49
		For Manufacturer's Custom Colors, Add	*0.09*	
07 46 33 00-0022	LF	2-1/2" Pocket, J-Channel For Vinyl Siding	5.26	1.49
		For Manufacturer's Custom Colors, Add	*0.08*	
07 46 33 00-0023	LF	1/2" Pocket, F-Channel For Vinyl Siding	3.59	1.49
		For Manufacturer's Custom Colors, Add	*0.06*	
07 46 33 00-0024	LF	3/4" Pocket, 3-1/2" Lineal Trim For Vinyl Siding	8.10	2.06
		For Manufacturer's Custom Colors, Add	*0.20*	
07 46 33 00-0025	LF	3/4" Pocket, 5" Lineal Trim For Vinyl Siding	8.46	2.06
		For Manufacturer's Custom Colors, Add	*0.22*	
07 46 33 00-0026	LF	1-1/8" Pocket, 3-1/2" Lineal Trim For Vinyl Siding	9.26	2.06
		For Manufacturer's Custom Colors, Add	*0.26*	
07 46 33 00-0027	LF	3/8" Pocket, 1-7/8" H-Mold For Vinyl Siding	4.85	1.49
		For Manufacturer's Custom Colors, Add	*0.09*	
07 46 33 00-0028	LF	Vinyl Starter Strip For Vinyl Siding	5.99	1.49
		For Manufacturer's Custom Colors, Add	*0.15*	
07 46 33 00-0029	LF	Undersill Trim For Vinyl Siding	5.17	1.49
		For Manufacturer's Custom Colors, Add	*0.11*	
07 46 33 00-0030		**Vinyl Soffit And Fascia** *(07 46 33 00-0001)*		
		Note: Excludes J-channel.		
07 46 33 00-0031	LF	6" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	4.42	1.60
		For 0.038" Thick, Deduct	*-0.54*	
		For 0.040" Thick, Deduct	*-0.45*	
		For Manufacturer's Custom Colors, Add	*0.06*	
07 46 33 00-0032	LF	10" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	5.39	1.68
		For 0.038" Thick, Deduct	*-0.93*	
		For 0.040" Thick, Deduct	*-0.78*	
		For Manufacturer's Custom Colors, Add	*0.10*	
07 46 33 00-0033	LF	1' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	5.87	1.72
		For 0.038" Thick, Deduct	*-1.10*	
		For 0.040" Thick, Deduct	*-0.92*	
		For Manufacturer's Custom Colors, Add	*0.12*	
07 46 33 00-0034	LF	1'-6" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	7.27	1.81
		For 0.038" Thick, Deduct	*-1.66*	
		For 0.040" Thick, Deduct	*-1.39*	
		For Manufacturer's Custom Colors, Add	*0.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 46 33 00-0035	LF	2' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	8.85	1.98
		For 0.038" Thick, Deduct	*-2.22*	
		For 0.040" Thick, Deduct	*-1.86*	
		For Manufacturer's Custom Colors, Add	*0.24*	
07 46 33 00-0036	LF	3' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	11.67	2.19
		For 0.038" Thick, Deduct	*-3.35*	
		For 0.040" Thick, Deduct	*-2.81*	
		For Manufacturer's Custom Colors, Add	*0.37*	
07 46 33 00-0037	LF	4' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	14.54	2.41
		For 0.038" Thick, Deduct	*-4.47*	
		For 0.040" Thick, Deduct	*-3.75*	
		For Manufacturer's Custom Colors, Add	*0.49*	
07 46 33 00-0038	LF	5' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	17.44	2.65
		For 0.038" Thick, Deduct	*-5.59*	
		For 0.040" Thick, Deduct	*-4.67*	
		For Manufacturer's Custom Colors, Add	*0.61*	
07 46 33 00-0039	LF	4" Exposure, Vinyl Fascia	4.58	1.56
		For Manufacturer's Custom Colors, Add	*0.07*	
07 46 33 00-0040	LF	6" Exposure, Vinyl Fascia	5.09	1.60
		For Manufacturer's Custom Colors, Add	*0.09*	
07 46 33 00-0041	LF	8" Exposure, Vinyl Fascia	5.04	1.64
		For Manufacturer's Custom Colors, Add	*0.09*	
07 46 33 00-0042	LF	10" Exposure, Vinyl Fascia	5.74	1.68
		For Manufacturer's Custom Colors, Add	*0.12*	
07 46 33 00-0043		Fiberglass Siding *(07 46 33)*		
07 46 33 00-0044		Corrugated Panels *(07 46 33 00-0043)*		
07 46 33 00-0045	SF	6 Ounce Corrugated Fiberglass Panels	7.49	2.30
07 46 33 00-0046	SF	8 Ounce Corrugated Fiberglass Panels	8.02	2.06
07 46 33 00-0047	SF	12 Ounce Corrugated Fiberglass Panels	8.99	2.06
07 46 33 00-0048		Flat Panels *(07 46 33 00-0043)*		
07 46 33 00-0049	SF	6 Ounce Flat Fiberglass Panels	7.15	2.06
07 46 33 00-0050	SF	8 Ounce Flat Fiberglass Panels	8.02	2.06
07 46 46		**Fiber-Cement Siding** *(07 46)*		
		Note: Smooth or patterns. Includes sealer and primer.		
07 46 46 00-0001		5/16" Thick, Fiber Cement Lap Siding *(07 46 46)*		
07 46 46 00-0002	SF	5-1/4" Board with 4" Exposure, 5/16" Thick, Fiber Cement Lap Siding	6.89	2.41
07 46 46 00-0003	SF	6-1/4" Board with 5" Exposure, 5/16" Thick, Fiber Cement Lap Siding	6.56	2.30
07 46 46 00-0004	SF	7-1/4" Board with 6" Exposure, 5/16" Thick, Fiber Cement Lap Siding	6.41	2.24
07 46 46 00-0005	SF	8-1/4" Board with 7" Exposure, 5/16" Thick, Fiber Cement Lap Siding	6.26	2.17
07 46 46 00-0006	SF	9-1/2" Board with 8" Exposure, 5/16" Thick, Fiber Cement Lap Siding	5.98	2.06
07 46 46 00-0007	SF	12" Board with 10-3/4" Exposure, 5/16" Thick, Fiber Cement Lap Siding	5.71	1.95
07 46 46 00-0008	LF	Starter Strip, Fiber Cement Lap Siding	1.51	0.57
07 46 46 00-0009		Fiber Cement Shingle Siding *(07 46 46)*		
07 46 46 00-0010	SF	Fiber Cement Shingle Siding	10.60	2.12
07 46 46 00-0011		Fiber Cement Vertical Panel Siding *(07 46 46)*		
07 46 46 00-0012	SF	Fiber Cement Vertical Panel Siding	5.07	1.72
07 46 46 00-0013		Fiber Cement Trim Boards *(07 46 46)*		
07 46 46 00-0014		7/16" Thick, Fiber Cement Trim Boards *(07 46 46 00-0013)*		
07 46 46 00-0015	LF	4" Wide, 7/16" Thick, Fiber Cement Trim Board	3.31	1.15
07 46 46 00-0016	LF	6" Wide, 7/16" Thick, Fiber Cement Trim Board	4.20	1.26
07 46 46 00-0017	LF	8" Wide, 7/16" Thick, Fiber Cement Trim Board	5.06	1.37
07 46 46 00-0018	LF	12" Wide, 7/16" Thick, Fiber Cement Trim Board	6.66	1.61
07 46 46 00-0019		3/4" Thick Fiber Cement Trim Boards *(07 46 46 00-0013)*		
07 46 46 00-0020	LF	4" Wide, 3/4" Thick, Fiber Cement Trim Board	3.48	1.15
07 46 46 00-0021	LF	6" Wide, 3/4" Thick, Fiber Cement Trim Board	4.45	1.26
07 46 46 00-0022	LF	8" Wide, 3/4" Thick, Fiber Cement Trim Board	5.48	1.37
07 46 46 00-0023	LF	12" Wide, 3/4" Thick, Fiber Cement Trim Board	5.73	1.61
07 46 46 00-0024		1" Thick Fiber Cement Trim Boards *(07 46 46 00-0013)*		
07 46 46 00-0025	LF	4" Wide, 1" Thick, Fiber Cement Trim Board	3.69	1.15
07 46 46 00-0026	LF	6" Wide, 1" Thick, Fiber Cement Trim Board	4.83	1.26
07 46 46 00-0027	LF	8" Wide, 1" Thick, Fiber Cement Trim Board	6.03	1.37
07 46 46 00-0028	LF	12" Wide, 1" Thick, Fiber Cement Trim Board	8.04	1.61

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 46 46 00-0029		Fiber Cement Fascia Board *(07 46 46)*		
07 46 46 00-0030	LF	5/4" x 3-1/2" Fiber Cement Fascia Board	6.04	2.27
07 46 46 00-0031	LF	5/4" x 5-1/2" Fiber Cement Fascia Board	7.44	2.53
07 46 46 00-0032	LF	5/4" x 7-1/4" Fiber Cement Fascia Board	8.18	2.53
07 46 46 00-0033	LF	5/4" x 11-1/4" Fiber Cement Fascia Board	10.69	2.97
07 46 46 00-0034		Fiber Cement Soffit Boards *(07 46 46)*		
07 46 46 00-0035	SF	1/4" Thick, Non-Vented Fiber Cement Soffit	7.42	1.64
07 46 46 00-0036	SF	1/4" Thick, Vented Fiber Cement Soffit	7.96	1.64

07 46 63 Fabricated Panel Assemblies with Siding *(07 46)*

07 46 63 00-0001		Metal Liner Panels *(07 46 63)*		
07 46 63 00-0002		Galvanized Metal Liner Panels *(07 46 63 00-0001)*		
07 46 63 00-0003	SF	24 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel	10.65	1.96
07 46 63 00-0004	SF	22 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel	11.73	1.96
07 46 63 00-0005	SF	20 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel	13.63	1.96
07 46 63 00-0006	SF	18 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel	13.83	1.96

07 50 Membrane Roofing *(07)*

See CSI section 07 22 16 00-0000 for insulation, 07 60 00 00-0000 for additional flashing, sheet metal and trim, 07 70 00 00-0000 for additional roof accessories.

07 51 Built-Up Bituminous Roofing *(07 50)*

07 51 13 Built-Up Asphalt Roofing *(07 51)*

07 51 13 00-0001 Built-Up Asphalt Roofing Components *(07 51 13)*

07 51 13 00-0002 Built-Up Asphalt Membrane Roofing *(07 51 13 00-0001)*

Note: Includes all standard manufacturers' colors including white for granule and smooth surfaced cap sheets and flashing. See CSI section 07 51 13 00-0067 for built-up roofing demolition.

07 51 13 00-0003 Cold Adhesive Applied, Built-Up Asphalt Membrane Roofing *(07 51 13 00-0002)*

Note: Includes applying cold adhesive and embedding the membrane.

07 51 13 00-0004 Cold Adhesive Applied, Built-Up Asphalt Roofing Base, Ply And Cap Sheets *(07 51 13 00-0003)*

07 51 13 00-0005	SQ	Type IV, Asphalt Coated Fiberglass Ply Sheet, Cold Adhesive Applied	120.87
		For Up To 10, Add	*32.52*
		For >10 To 20, Add	*18.34*
		For >20 To 40, Add	*10.21*
		For >75 To 100, Deduct	*-5.11*
		For >100 To 200, Deduct	*-11.26*
		For >200, Deduct	*-16.36*
07 51 13 00-0006	SQ	Asphalt Coated Polyester And Fiberglass Scrim, Base Or Ply Sheet, Cold Adhesive Applied	327.17
		For Up To 10, Add	*73.78*
		For >10 To 20, Add	*38.97*
		For >20 To 40, Add	*20.53*
		For >75 To 100, Deduct	*-10.26*
		For >100 To 200, Deduct	*-21.57*
		For >200, Deduct	*-31.84*

07 51 13 00-0007 Cold Adhesive Applied, Built-Up Asphalt Roofing Flashing *(07 51 13 00-0003)*

07 51 13 00-0008	SF	Asphalt Coated Polyester And Fiberglass Scrim, Flashing, Cold Adhesive Applied	7.98

07 51 13 00-0009 Hot-Mopped, Built-Up Asphalt Membrane Roofing *(07 51 13 00-0002)*

Note: Includes mopping hot asphalt and embedding the membrane.

07 51 13 00-0010 Hot-Mopped, Built-Up Asphalt Roofing Base, Ply And Cap Sheets *(07 51 13 00-0009)*

07 51 13 00-0011	SQ	Type IV, Asphalt Coated Fiberglass Ply Sheet, Hot-Mopped	90.08
		For Up To 10, Add	*26.48*
		For >10 To 20, Add	*15.36*
		For >20 To 40, Add	*8.74*
		For >75 To 100, Deduct	*-4.37*
		For >100 To 200, Deduct	*-9.80*
		For >200, Deduct	*-14.17*
07 51 13 00-0012	SQ	Type VI, Asphalt Coated Fiberglass Ply Sheet, Hot-Mopped	95.96
		For Up To 10, Add	*27.66*
		For >10 To 20, Add	*15.95*
		For >20 To 40, Add	*9.03*
		For >75 To 100, Deduct	*-4.52*
		For >100 To 200, Deduct	*-10.09*
		For >200, Deduct	*-14.61*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0013	SQ	Fine Mineral Surfaced, Asphalt Coated Fiberglass Base Sheet, Hot-Mopped	102.64	
		For Up To 10, Add	*29.00*	
		For >10 To 20, Add	*16.62*	
		For >20 To 40, Add	*9.37*	
		For >75 To 100, Deduct	*-4.68*	
		For >100 To 200, Deduct	*-10.42*	
		For >200, Deduct	*-15.11*	
07 51 13 00-0014	SQ	Asphalt Coated Fiberglass Venting Base Sheet, Hot-Mopped	176.77	
		For Up To 10, Add	*43.82*	
		For >10 To 20, Add	*24.03*	
		For >20 To 40, Add	*13.07*	
		For >75 To 100, Deduct	*-6.54*	
		For >100 To 200, Deduct	*-14.13*	
		For >200, Deduct	*-20.67*	
07 51 13 00-0015	SQ	Asphalt Coated Polyester And Fiberglass Scrim, Base Or Ply Sheet, Hot-Mopped	296.39	
		For Up To 10, Add	*67.75*	
		For >10 To 20, Add	*35.99*	
		For >20 To 40, Add	*19.05*	
		For >75 To 100, Deduct	*-9.53*	
		For >100 To 200, Deduct	*-20.11*	
		For >200, Deduct	*-29.64*	
07 51 13 00-0016	SQ	Granule Surfaced, Asphalt Coated Fiberglass Cap Sheet, Hot-Mopped	226.03	
		For Up To 10, Add	*54.48*	
		For >10 To 20, Add	*29.56*	
		For >20 To 40, Add	*15.94*	
		For >75 To 100, Deduct	*-7.97*	
		For >100 To 200, Deduct	*-17.10*	
		For >200, Deduct	*-25.07*	

07 51 13 00-0017 Hot-Mopped, Built-Up Asphalt Roofing Flashing *(07 51 13 00-0009)*

07 51 13 00-0018	SF	Asphalt Coated Polyester And Fiberglass Scrim, Flashing, Hot-Mopped	5.17	

07 51 13 00-0019 Mechanically Fastened, Built-Up Asphalt Membrane Roofing *(07 51 13 00-0002)*

Note: Includes fasteners.

07 51 13 00-0020 Mechanically Fastened, Built-Up Asphalt Roofing Base, Ply And Cap Sheets *(07 51 13 00-0019)*

07 51 13 00-0021	SQ	Type VI, Asphalt Coated Fiberglass Ply Sheet, Mechanically Fastened	92.52	
		For Up To 10, Add	*22.67*	
		For >10 To 20, Add	*12.38*	
		For >20 To 40, Add	*6.71*	
		For >75 To 100, Deduct	*-3.36*	
		For >100 To 200, Deduct	*-7.23*	
		For >200, Deduct	*-10.59*	
07 51 13 00-0022	SQ	Asphalt Coated Fiberglass Venting Base Sheet, Mechanically Fastened	173.33	
		For Up To 10, Add	*38.83*	
		For >10 To 20, Add	*20.46*	
		For >20 To 40, Add	*10.75*	
		For >75 To 100, Deduct	*-5.38*	
		For >100 To 200, Deduct	*-11.27*	
		For >200, Deduct	*-16.65*	
07 51 13 00-0023	SQ	Asphalt Coated Polyester And Fiberglass Scrim, Base Or Ply Sheet, Mechanically Fastened	292.94	
		For Up To 10, Add	*62.76*	
		For >10 To 20, Add	*32.42*	
		For >20 To 40, Add	*16.73*	
		For >75 To 100, Deduct	*-8.37*	
		For >100 To 200, Deduct	*-17.25*	
		For >200, Deduct	*-25.62*	

07 51 13 00-0024 Mechanically Fastened, Built-Up Asphalt Roofing Flashing *(07 51 13 00-0019)*

07 51 13 00-0025	SF	Asphalt Coated Polyester And Fiberglass Scrim, Flashing, Mechanically Fastened	6.21	

07 51 13 00-0026 Asphalt Saturated Organic Felt *(07 51 13 00-0001)*

07 51 13 00-0027 Cold Adhesive Applied, Asphalt Saturated Organic Felt *(07 51 13 00-0026)*

Note: Includes applying cold adhesive and embedding the felt.

07 51 13 00-0028	SQ	15 Lb., Asphalt Saturated Organic Base Or Ply Sheet, Cold Adhesive Applied	117.19	
		For Up To 10, Add	*31.78*	
		For >10 To 20, Add	*17.98*	
		For >20 To 40, Add	*10.03*	
		For >75 To 100, Deduct	*-5.02*	
		For >100 To 200, Deduct	*-11.07*	
		For >200, Deduct	*-16.09*	
07 51 13 00-0029	SQ	30 Lb., Asphalt Saturated Organic Base Or Ply Sheet, Cold Adhesive Applied	132.35	
		For Up To 10, Add	*34.81*	
		For >10 To 20, Add	*19.49*	
		For >20 To 40, Add	*10.79*	
		For >75 To 100, Deduct	*-5.39*	
		For >100 To 200, Deduct	*-11.83*	
		For >200, Deduct	*-17.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0030		**Hot-Mopped, Asphalt Saturated Organic Felt** *(07 51 13 00-0026)* Note: Includes mopping hot asphalt and embedding the felt.		
07 51 13 00-0031	SQ	15 Lb., Asphalt Saturated Organic Base Or Ply Sheet, Hot-Mopped	86.40	
		For Up To 10, Add	*25.75*	
		For >10 To 20, Add	*14.99*	
		For >20 To 40, Add	*8.55*	
		For >75 To 100, Deduct	*-4.28*	
		For >100 To 200, Deduct	*-9.61*	
		For >200, Deduct	*-13.89*	
07 51 13 00-0032	SQ	30 Lb., Asphalt Saturated Organic Base Or Ply Sheet, Hot-Mopped	101.57	
		For Up To 10, Add	*28.78*	
		For >10 To 20, Add	*16.51*	
		For >20 To 40, Add	*9.31*	
		For >75 To 100, Deduct	*-4.66*	
		For >100 To 200, Deduct	*-10.37*	
		For >200, Deduct	*-15.03*	
07 51 13 00-0033		**Mechanically Fastened, Asphalt Saturated Organic Felt** *(07 51 13 00-0026)* Note: Includes fasteners.		
07 51 13 00-0034	SQ	15 Lb., Asphalt Saturated Organic Base Or Ply Sheet, Mechanically Fastened	43.42	
		For Up To 10, Add	*12.85*	
		For >10 To 20, Add	*7.47*	
		For >20 To 40, Add	*4.26*	
		For >75 To 100, Deduct	*-2.13*	
		For >100 To 200, Deduct	*-4.78*	
		For >200, Deduct	*-6.90*	
07 51 13 00-0035	SQ	30 Lb., Asphalt Saturated Organic Base Or Ply Sheet, Mechanically Fastened	58.59	
		For Up To 10, Add	*15.89*	
		For >10 To 20, Add	*8.99*	
		For >20 To 40, Add	*5.01*	
		For >75 To 100, Deduct	*-2.51*	
		For >100 To 200, Deduct	*-5.53*	
		For >200, Deduct	*-8.04*	
07 51 13 00-0036		**Surfacing** *(07 51 13 00-0001)*		
07 51 13 00-0037	SQ	400 Lb./SQ, Gravel Roofing Ballast, Set In Hot Asphalt Flood Coat	192.97	
		For Up To 10, Add	*59.45*	
		For >10 To 20, Add	*34.94*	
		For >20 To 40, Add	*20.08*	
		For >75 To 100, Deduct	*-10.04*	
		For >100 To 200, Deduct	*-22.69*	
		For >200, Deduct	*-32.73*	
07 51 13 00-0038	SQ	400 Lb./SQ, Gravel Roofing Ballast, Set In Cold Adhesive Flood Coat	282.24	
		For Up To 10, Add	*77.31*	
		For >10 To 20, Add	*43.87*	
		For >20 To 40, Add	*24.54*	
		For >75 To 100, Deduct	*-12.27*	
		For >100 To 200, Deduct	*-27.15*	
		For >200, Deduct	*-39.42*	
07 51 13 00-0039	CY	Gravel Roofing Ballast, Spread To Desired Thickness Note: Excludes hot asphalt or cold adhesive.	204.03	
07 51 13 00-0040	SQ	Protective Polypropylene Fabric Mat, Loose Laid Note: Installed as a separator mat (under membrane), a crushed stone mat (above membrane) or as a stone separator mat in ballasted systems.	55.54	
		For Up To 10, Add	*13.86*	
		For >10 To 20, Add	*7.62*	
		For >20 To 40, Add	*4.15*	
		For >75 To 100, Deduct	*-2.08*	
		For >100 To 200, Deduct	*-4.50*	
		For >200, Deduct	*-6.57*	
07 51 13 00-0041	SQ	Clay-Stabilized, Water-Based Asphalt Emulsion With Reinforcing Fibers, Weather-Proofing Surface Coating, Price Per Coat Note: Protective coating for use over built-up, SBS and APP modified bitumen, metal, concrete and wood roofs.	134.79	
		For Up To 10, Add	*31.96*	
		For >10 To 20, Add	*17.23*	
		For >20 To 40, Add	*9.24*	
		For >75 To 100, Deduct	*-4.62*	
		For >100 To 200, Deduct	*-9.87*	
		For >200, Deduct	*-14.49*	
07 51 13 00-0042	SQ	Fibrated Aluminum, Asphalt-Based, Reflective Weather-Proofing Surface Coating, Price Per Coat Note: Protective and reflective coating for use over built-up, SBS and APP modified bitumen and metal roofs.	120.03	
		For Up To 10, Add	*29.01*	
		For >10 To 20, Add	*15.76*	
		For >20 To 40, Add	*8.50*	
		For >75 To 100, Deduct	*-4.25*	
		For >100 To 200, Deduct	*-9.13*	
		For >200, Deduct	*-13.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0043	SQ	Aluminum Flakes And Reinforcing Fibers Suspended In Emulsified Asphalt, Reflective Surface Coating, Price Per Coat	160.31	
		Note: Reflective coating for use over smooth-surfaced built-up roofs.		
		For Up To 10, Add	*37.07*	
		For >10 To 20, Add	*19.79*	
		For >20 To 40, Add	*10.52*	
		For >75 To 100, Deduct	*-5.26*	
		For >100 To 200, Deduct	*-11.14*	
		For >200, Deduct	*-16.40*	
07 51 13 00-0044	SQ	100% Acrylic Elastomeric, Reflective Surface Coating, Price Per Coat	161.63	
		Note: Reflective coating for use over built-up, SBS and APP modified bitumen roofs. For use on smooth or granule surfaced roofing systems.		
		For Up To 10, Add	*37.33*	
		For >10 To 20, Add	*19.92*	
		For >20 To 40, Add	*10.58*	
		For >75 To 100, Deduct	*-5.29*	
		For >100 To 200, Deduct	*-11.21*	
		For >200, Deduct	*-16.50*	
		For Installation Over Granule Surfaced Asphalt Roof Systems, Add	*47.58*	
07 51 13 00-0045	SQ	100% Acrylic Elastomeric, Bleed Blocking Base Coating, Price Per Coat	167.06	
		Note: Bleed blocking coating for use over built-up, Styrene-Butadiene-Styrene (SBS) and Atactic-Polypropylene (APP) modified bitumen roofs. For use on smooth or granule surfaced roofing systems.		
		For Up To 10, Add	*38.42*	
		For >10 To 20, Add	*20.46*	
		For >20 To 40, Add	*10.86*	
		For >75 To 100, Deduct	*-5.43*	
		For >100 To 200, Deduct	*-11.48*	
		For >200, Deduct	*-16.91*	
		For Installation Over Granule Surfaced Asphalt Roof Systems, Add	*49.37*	
07 51 13 00-0046	SF	Ceramic Coated Roofing Granules, Hand Broadcast	2.73	
		Note: For application over liquid flashing/membranes, asphalt bleed-out areas, modified or BUR membrane repairs, etc.		
07 51 13 00-0047	SF	Energy Star, Ceramic Coated UltraWhite Roofing Granules, Hand Broadcast	4.79	
		Note: For application over liquid flashing/membranes, asphalt bleed-out areas, modified or BUR membrane repairs, etc.		
07 51 13 00-0048	SQ	Vapor Permeable Synthetic Underlayment (GAF Deck-Armor™)	44.05	
07 51 13 00-0049		**Walkway Pads** *(07 51 13 00-0001)*		
		Note: Set in hot asphalt or cold adhesive.		
07 51 13 00-0050	LF	5/16" Thick, 32" Wide, Skid Resistant, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Walkway Pad	33.70	
07 51 13 00-0051	LF	1/2" Thick, 32" Wide, Skid Resistant, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Walkway Pad	40.06	
07 51 13 00-0052		**Cant And Tapered Edge Strips** *(07 51 13 00-0001)*		
07 51 13 00-0053	LF	2" x 2" Perlite Cant Strip	4.94	
07 51 13 00-0054	LF	3" x 3" Perlite Cant Strip	5.09	
07 51 13 00-0055	LF	4" x 4" Perlite Cant Strip	5.79	
07 51 13 00-0056	LF	3" x 3" Pressure Treated Wood Cant Strip, Cut Diagonally	4.74	
07 51 13 00-0057	LF	4" x 4" Pressure Treated Wood Cant Strip, Cut Diagonally	4.87	
07 51 13 00-0058	LF	1/2" x 6" Perlite Tapered Edge Strip	5.55	
07 51 13 00-0059	LF	1/2" x 12" Perlite Tapered Edge Strip	6.34	
07 51 13 00-0060	LF	1" x 12" Perlite Tapered Edge Strip	6.56	
07 51 13 00-0061	LF	1" x 24" Perlite Tapered Edge Strip	7.39	
07 51 13 00-0062	LF	1-1/2" x 12" Perlite Tapered Edge Strip	7.31	
07 51 13 00-0063	LF	1-1/2" x 18" Perlite Tapered Edge Strip	8.81	
07 51 13 00-0064	LF	1-1/2" x 24" Perlite Tapered Edge Strip	9.90	
07 51 13 00-0065		**Asphalt Primer** *(07 51 13 00-0001)*		
07 51 13 00-0066	SQ	Asphalt Primer For Roofing Systems	41.03	
		Note: Foundation coating for hot-mopped and cold applied asphalt coatings, roof cements, and asphalt based roof adhesives. For use on weathered roofing, asphalt, concrete, gypsum, masonry, block, brick and metal surfaces.		
07 51 13 00-0067		**Demolish Built-Up Roofing** *(07 51 13 00-0001)*		
		Note: For removing any asphalt, coal tar or modified bitumen roofing system, including surfacing material down to the insulation or recovery board. Includes removal of any basic roof accessories and any sheet metals; except special existing conditions (mechanical equipment piping, electrical, ducts, etc.).		
07 51 13 00-0068	SQ	Demolish Gravel/Slag Surfaced, Built Up Roofing System		438.07
		For Up To 10, Add		*108.77*
		For >10 To 25, Add		*65.26*
07 51 13 00-0069	SQ	Demolish Cap Sheet Surfaced, Built Up Roofing System		337.94
		Note: Includes protective surfacing.		
		For Up To 10, Add		*83.91*
		For >10 To 25, Add		*50.35*
07 51 13 00-0070		**Roofing System Warranty** *(07 51 13 00-0001)*		
		Note: The warranty tasks below are only to be used in conjunction with the built-up bituminous and modified bituminous membrane roofing sections. The appropriate task is to be applied to the completed roofing membrane systems, not individual components. All warranties are no dollar limit to include material, equipment and labor.		
07 51 13 00-0071	EA	Up To 50 SQ, 10 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty	653.66	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0072	SQ	>50 SQ, 10 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty	9.34	
07 51 13 00-0073	EA	Up To 50 SQ, 15 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty	747.04	
07 51 13 00-0074	SQ	>50 SQ, 15 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty	14.94	
07 51 13 00-0075	EA	Up To 50 SQ, 20 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty	1,027.18	
07 51 13 00-0076	SQ	>50 SQ, 20 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty	20.54	

07 51 13 00-0077 Built-Up Roofing Components (Garland) *(07 51 13)*

Note: All tasks presented as a single layer. Adhesives are priced separately.

07 51 13 00-0078 Modified Cap Membranes *(07 51 13 00-0077)*

See CSI section 07 51 13 00-0102 for base membrane.

07 51 13 00-0079 Modified Cap Membranes, Hot/Cold Applied *(07 51 13 00-0078)*

Note: As manufactured by Garland. Pricing represents single ply per square. Includes 30 year leak-free warranty.

07 51 13 00-0080	SQ	Stressply® FR Mineral Dual Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Fiberglass Reinforced Membrane, Minimum 145 Mil	747.90	
07 51 13 00-0081	SQ	Stressply® Plus Poly/Fiberglass Reinforced, Smooth Styrene-Butadiene-Styrene (SBS) Modified Membrane With Recycled Rubber, 105 Mil	535.39	
07 51 13 00-0082	SQ	Stressply® Plus FR Mineral Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Fiberglass Reinforced Membrane With Recycled Rubber, Minimum 155 Mil	662.60	
07 51 13 00-0083	SQ	Stressply® E Eco-Responsible, Smooth Styrene-Butadiene-Styrene (SBS)/Styrene-Isoprene-Styrene (SIS) Membrane With High Recycled Content And Renewable Materials	688.49	
07 51 13 00-0084	SQ	Stressply® E FR Mineral Eco-Responsible, Styrene-Butadiene-Styrene (SBS)/Styrene-Isoprene-Styrene (SIS) Membrane With High Recycled Content And Renewable Materials, Minimum 160 Mil	958.13	
07 51 13 00-0085	SQ	Stressply® EUV Fiberglass Reinforced, Minimum Poly/Fiberglass Reinforced White T-24 Styrene-Butadiene-Styrene (SBS)/Styrene-Isoprene-Styrene (SIS) Modified Membrane With Recycled Rubber, 160 Mil	1,076.95	
07 51 13 00-0086	SQ	Versiply® III 80 Dual Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Membrane, 80 Mil Note: Low strength cap sheet for hot or cold modified systems used with gravel.	452.29	
07 51 13 00-0087	SQ	Versiply® III Mineral Dual Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Membrane, Minimum 145 Mil	571.20	
07 51 13 00-0088	SQ	BiFlex® Cap Fiberglass Reinforced, Mineral Surfaced Styrene-Butadiene-Styrene (SBS) Modified Membrane, 140 Mil	349.76	

07 51 13 00-0089 Modified Cap Membranes, Self-Adhering *(07 51 13 00-0078)*

Note: As manufactured by Garland. Pricing represents single ply per square. Includes 25 year leak-free warranty.

07 51 13 00-0090	SQ	Stressply® SA FR Mineral Styrene-Butadiene-Styrene (SBS) Modified Self-Adhering Fiberglass Reinforced Membrane, Minimum 140 Mil Note: Self adhering system. One HPR SA FR base with one ply Stress Ply SA FR cap sheet.	677.07	

07 51 13 00-0091 Modified Cap Membranes, Torch-Applied *(07 51 13 00-0078)*

Note: As manufactured by Garland. Pricing represents single ply per square. Includes 30 year leak-free warranty.

07 51 13 00-0092	SQ	Stressply® IV Dual Fiberglass Reinforced, Smooth Styrene-Butadiene-Styrene (SBS) Modified Membrane, Torch Applied, 180 Mil Note: Smooth surfaced Styrene-Butadiene-Styrene (SBS) torch modified top ply of torch system with gravel.	833.22	
07 51 13 00-0093	SQ	Stressply® IV Mineral Dual Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Membrane, Torch Applied, Minimum 195 Mil	906.35	
07 51 13 00-0094	SQ	Stressply® IV UV Mineral Fiberglass Reinforced, Starburst Surface Styrene-Butadiene-Styrene (SBS) Modified Membrane, Torch Applied, Title 24 Compliant, 195 Mil	955.09	
07 51 13 00-0095	SQ	StressPly® IV Plus Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Membrane, Torch Applied, 180 Mil	872.83	
07 51 13 00-0096	SQ	StressPly® IV Plus Mineral Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Mineral Surfaced Membrane, Torch Applied, 195 Mil	924.63	
07 51 13 00-0097	SQ	StressPly® IV Plus UV Mineral Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Reflective Mineral Membrane, Torch Applied, 195 Mil	970.33	

07 51 13 00-0098 Modified Cap Membranes, Coal Tar Pitch Systems *(07 51 13 00-0078)*

Note: As manufactured by Garland. Pricing represents single ply per square. Includes 30 year leak-free warranty.

07 51 13 00-0099	SQ	Millennium® Poly/Fiberglass Reinforced, Smooth Styrene-Butadiene-Styrene (SBS) Modified Coal Tar Membrane, Minimum 120 Mil	767.06	
07 51 13 00-0100	SQ	Millennium® FR Mineral Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Coal Tar Fiberglass Reinforced Membrane, Minimum 160 Mil	1,214.06	
07 51 13 00-0101	SQ	Millennium® Mineral Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Coal Tar Membrane, Minimum 160 Mil	988.61	

07 51 13 00-0102 Base Ply *(07 51 13 00-0077)*

Note: Used with modified cap membranes, underlayment for metal systems, and reinforcement for restoration systems. See CSI section 07 51 13 00-0078 for cap membrane.

07 51 13 00-0103	SQ	Flexbase® E120 Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Base Sheet Used As Base Ply With Biflex Cap, 120 Mil	683.92	
07 51 13 00-0104	SQ	Flexbase® 80 Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Base Sheet Used As Base Ply With Biflex Cap, 80 Mil	430.28	
07 51 13 00-0105	SQ	HPR® Glasbase Heavy-Duty Double Coated ASTM D 4601, Type II Fiberglass, Type II, 55 Mil Note: Glasbase used in cold system, nailed to deck, or inner ply 2 plies with cap.	98.88	
07 51 13 00-0106	SQ	HPR® Glasfelt Asphalt Saturated Fiberglass Felt, ASTM D 2178 Type IV, 20 Mil Note: Inner ply felts for hot applied built up and modified BUR systems.	65.67	
07 51 13 00-0107	SQ	HPR® Premium Glasbase High Strength, Double Coated Premium Base Sheet, Far Exceeds ASTM D 4601 Type II, 55 Mil	79.83	
07 51 13 00-0108	SQ	HPR® Premium Glasfelt Premium Asphalt Saturated Fiberglass Felt, ASTM D 2178 Type VI, 25 Mil	86.68	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0109	SQ	HPR® Tribase Premium Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Base Sheet, 60 Mil	134.10	
		Note: Inner plies for cold applied modified, Styrene-Butadiene-Styrene (SBS) modified, or 2 plies under cap sheet.		
07 51 13 00-0110	SQ	Millennium® Base Poly/Fiberglass Reinforced Coal Tar Base Sheet For Cold Millennium Systems, 80 Mil	434.97	
07 51 13 00-0111	SQ	HPR® SA FR Base Sheet Styrene-Butadiene-Styrene (SBS) Modified Self-Adhering Underlayment Used In SP SA Fiberglass Reinforced Systems, Minimum 80 Mil	376.21	
		Note: Self adhering base ply for self adhering 2 ply system.		
07 51 13 00-0112	SQ	SA Base IV Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Underlayment Used With StressPly Cap Sheets, 110 Mil	350.42	
07 51 13 00-0113	SQ	StressBase® 120 Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Underlayment Used With VersiPly And StressPly Cap Sheets, 120 Mil	381.46	
07 51 13 00-0114	SQ	StressBase® 80 Fiberglass Reinforced, Smooth Styrene-Butadiene-Styrene (SBS) Modified Underlayment Used With VersiPly And StressPly Cap Sheets, 80 Mil	316.72	
07 51 13 00-0115	LF	Garmesh® 6" Styrene-Butadiene-Styrene (SBS) Coated Woven Fiberglass Reinforcing Fabric	6.03	
07 51 13 00-0116	LF	Grip Polyester® Firm Polyester Reinforcement Used For Cold Application Over Smooth BUR Or Modified Roof Systems	16.33	
07 51 13 00-0117	SQ	Grip Polyester® Soft Polyester Reinforcement Used For Cold Applications Over Metal, Modified, Or Single Ply Roof Systems	76.40	
07 51 13 00-0118	LF	Grip Polyester® Soft 12" Polyester Reinforcement Used For Cold Applications Over Metal, Modified, Or Single Ply Roof Systems	7.83	
07 51 13 00-0119	LF	Grip Polyester® Soft 4" Polyester Reinforcement Used For Cold Applications Over Metal, Modified, Or Single Ply Roof Systems	5.72	
07 51 13 00-0120	LF	Grip Polyester® Soft 6" Polyester Reinforcement Used For Cold Applications Over Metal, Modified, Or Single Ply Roof Systems	6.61	
07 51 13 00-0121	SQ	HPR® Polyscrim Plus Polyester Reinforcement For Hot Bitumen Applications	166.21	

07 51 13 00-0122 Coatings And Mastics For Roof Installation, Restoration And Repairs *(07 51 13 00-0077)*

07 51 13 00-0123	SQ	Water Based Roof Primer, GarlaPrime VOC Primer	49.10	
07 51 13 00-0124	SQ	Black-Knight® Primer	45.51	
07 51 13 00-0125	SQ	Black-Knight® Cold, Cold Process Polymer Modified Coal Tar, Interply	183.53	
07 51 13 00-0126	SQ	Black-Knight® Cold, Cold Process Polymer Modified Coal Tar, Flood Coat (4-5 GAL/SQ)	195.08	
07 51 13 00-0127	SQ	Black-Knight® Cold, Cold Process Polymer Modified Coal Tar, Restoration (6-8 GAL/SQ)	310.60	
07 51 13 00-0128	SQ	Black-Knight® LV Hot Applied Polymer Modified Lower Viscosity Coal Tar Adhesive, Interply	496.86	
07 51 13 00-0129	SQ	Black-Knight® LV Hot Applied Polymer Modified Lower Viscosity Coal Tar Adhesive, Flood Coat	512.27	
07 51 13 00-0130	SQ	Energizer® K Plus FR Cold Applied Styrene-Butadiene-Styrene (SBS) Modified Asphalt Coating With Kevlar® For Smooth And Mineral Restoration, One Coat (3 GAL/SQ)	239.96	
07 51 13 00-0131	SQ	Energizer® K Plus FR Cold Applied Styrene-Butadiene-Styrene (SBS) Modified Asphalt Coating With Kevlar® For Smooth And Mineral Restoration, Restoration	396.53	
07 51 13 00-0132	SQ	Energizer® LO Low Odor Cold Applied Polyurethane Modified Asphalt Liquid Membrane For Smooth And Mineral Restoration, One Coat (3 GAL/SQ)	609.11	
07 51 13 00-0133	SQ	Energizer® LO Low Odor Cold Applied Polyurethane Modified Asphalt Liquid Membrane For Smooth And Mineral Restoration, Restoration	1,011.97	
07 51 13 00-0134	SQ	Garlastic® KM Plus Premium Hot Applied, Styrene-Ethylene-Butadiene-Styrene (SEBS) Modified Adhesive/Waterproofer, Interply	424.44	
07 51 13 00-0135	SQ	Garlastic® KM Plus Premium Hot Applied, Styrene-Ethylene-Butadiene-Styrene (SEBS) Modified Adhesive/Waterproofer, Flood Coat	439.85	
07 51 13 00-0136	SQ	Green-Lock® Flashing Adhesive 100% Solids Polyether, Zero VOC, Flashing Adhesive To Be Used With Styrene-Butadiene-Styrene (SBS) Sheets Only	928.68	
07 51 13 00-0137	SQ	Green-Lock® Membrane Adhesive 100% Solids Polyether, Zero VOC, Membrane Adhesive To Be Used With Styrene-Butadiene-Styrene (SBS) Sheets Only	403.14	
07 51 13 00-0138	SQ	HPR® All-Temp Asphalt Hot Applied, High Softening Point, High Penetration Mopping Asphalt, Interply	198.02	
07 51 13 00-0139	SQ	HPR® All-Temp Asphalt Hot Applied, High Softening Point, High Penetration Mopping Asphalt, Flood Coat	213.43	
07 51 13 00-0140	SQ	Insul-Lock® E HR Bio-Based High Rise Urethane Insulation Adhesive For New Construction Or Gravel	185.80	
07 51 13 00-0141	SQ	Insul-Lock® HR High Rise Urethane Insulation Adhesive For New Construction Or Gravel Recovers	173.70	
07 51 13 00-0142	SQ	Insul-Lock® HR Universal Primer All-Purpose Water Based Primer Designed For Use With The Insul-Lock Products	22.74	
		Note: Adheres all insulation layers for cold systems.		
07 51 13 00-0143	SQ	Pyramic® Plus LO White, Water-Based Acrylic, Low VOC, Reflective Roof Coating, Energy Star, Top Coat Required	208.08	
07 51 13 00-0144	SQ	Pyramic® Plus LO Base Coat, Water-Based, Acrylic, Low VOC, Base Coating For A Pyramic System	201.75	
07 51 13 00-0145	LF	Silver-Flash® Aluminized Asphalt Fibered Trowel Grade Mastic Used With GarMesh	26.45	
07 51 13 00-0146	SQ	Solex® White, Kynar® Acrylic Topcoat Roof Coating Used With Pyramic Base Coat	269.04	
07 51 13 00-0147	SQ	Tuff-Flash™ Multi-Purpose Asphaltic Polyurethane Liquid Flashing Membrane Used With Reinforcing Fabric	1,553.24	
07 51 13 00-0148	SQ	Weatherscreen™ Rubberized, Fiber-Reinforced Fire-Rated Restoration For Modified And Gravel, Flood Coat (4-5 GAL/SQ)	344.63	
07 51 13 00-0149	SQ	Weatherscreen™ Rubberized, Fiber-Reinforced Fire-Rated Restoration For Modified And Gravel	419.88	
07 51 13 00-0150	SQ	Weatherking® Cold Applied Rubber Modified Asphalt Interplay Adhesive For Slopes Up To 3:12, Interply	157.10	
07 51 13 00-0151	SQ	Weatherking® Flashing Adhesive Brush Grade, Cold Applied Asphalt Adhesive For Flashings In A Weatherking System	530.83	
07 51 13 00-0152	SQ	Weatherking® Plus WC Cold Applied Rubber Modified, VOC Compliant Asphalt Interply Adhesive For Slopes Up To 2:12, Interply	155.94	
		Note: Inner ply and flood coat SEBS modified adhesive for all cold systems with gravel.		

07 51 13 00-0153 Built-Up Roofing Components (Tremco) *(07 51 13)*

Note: All tasks presented as a single layer. Adhesives are priced separately.

07 51 13 00-0154 Cold Applied BUR Base Plies And Ply Sheets *(07 51 13 00-0153)*

07 51 13 00-0155	SQ	BURmastic Composite Ply, Cold Applied BUR Component	150.85	
		Note: Asphalt coated polyester/glass/polyester trilaminate reinforced ply sheet. Type II. 55 mils. Also used as a hot or cold applied base sheet.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0156	SQ	BURmastic Premium Composite Ply, Cold Applied BUR Component Note: Asphalt coated polyester/glass/polyester trilaminate reinforced high strength ply sheet. Type II. 57 mil. Also used as a hot or cold applied base sheet.	182.81	
07 51 13 00-0157	SQ	BURmastic Supreme Composite Ply, Cold Applied BUR Component Note: Asphalt coated polyester/glass/polyester trilaminate reinforced high strength ply sheet. Type II. 51 mil. Also used as a hot or cold applied base sheet.	210.26	
07 51 13 00-0158	SQ	28 Lb. BURmastic Glass Ply, Cold Applied BUR Component Note: Asphalt coated fiberglass base or ply sheet. Type II.	47.96	
07 51 13 00-0159	SQ	33 Lb. BURmastic Glass Ply, Cold Applied BUR Component Note: Asphalt coated fiberglass base or ply sheet. Type II.	69.38	
07 51 13 00-0160	SQ	POWERply Modified HE Base Sheet, Hot Or Cold Applied BUR Component Note: Smooth surfaced, high elongation polyester reinforced modified bitumen base sheet. Type I, Grade S. 94 mil.	287.07	
07 51 13 00-0161	SQ	POWERply Modified Heavy-Duty Base Sheet, Hot Applied BUR Component Note: A smooth surfaced, non-woven fiberglass/scrim fiberglass bilaminate reinforced modified bitumen membrane. 120 mil.	265.58	

07 51 13 00-0162 Hot Or Cold Applied Modified Bitumen Cap Membrane *(07 51 13 00-0153)*

07 51 13 00-0163	SQ	POWERply Standard Smooth Cap Membrane, Hot Or Cold Applied BUR Component Note: Fiberglass reinforced modified bitumen membrane. Type I, Grade S. 80 mils. Also used as a hot or cold applied ply.	163.05	
07 51 13 00-0164	SQ	POWERply Premium Smooth Cap Membrane, Hot Or Cold Applied BUR Component Note: Polyester/glass bilaminate reinforced modified bitumen membrane. Type III, Grade S. 90 mils. Also used as a hot or cold applied ply.	430.49	
07 51 13 00-0165	SQ	POWERply Supreme Smooth Cap Membrane, Hot Or Cold Applied BUR Component Note: Polyester/glass bilaminate reinforced modified bitumen membrane. Type III, Grade S. 98 mils. Also used as a hot or cold applied ply.	711.54	
07 51 13 00-0166	SQ	POWERply Standard Cap Membrane, Hot Or Cold Applied BUR Component Note: Granule surface, fiberglass reinforced modified bitumen cap sheet membrane. 120 mils. Black or white surface.	190.66	
07 51 13 00-0167	SQ	POWERply Standard FR Cap Membrane, Hot Or Cold Applied BUR Component Note: Fire rated, granule surfaced, fiberglass reinforced modified bitumen membrane. Type I, Grade G. 120 mils.	291.94	
07 51 13 00-0168	SQ	POWERply Premium FR Cap Membrane, Hot Or Cold Applied BUR Component Note: Fire rated, granule surfaced, polyester/glass bilaminate reinforced modified bitumen membrane. Type III, Grade S. 160 mils. Black or white surface.	706.29	
07 51 13 00-0169	SQ	POWERply Standard FR GT24W Cap Membrane, Hot Or Cold Applied BUR Component Note: Highly reflective, fire rated, granule surfaced, fiberglass reinforced modified bitumen membrane meeting California's Title 24 requirements. Type I, Grade G. 120 mils.	514.46	
07 51 13 00-0170	SQ	POWERply HE FR Cap Sheet, Hot Applied BUR Component Note: High elongation, fire rated, granule surfaced, polyester reinforced modified bitumen membrane. 160 mils.	509.21	

07 51 13 00-0171 Self Adhesive Base Plies And Ply Sheets *(07 51 13 00-0153)*

07 51 13 00-0172	SQ	POWERply SA Base Sheet, Self Adhesive Roofing Note: A self adhesive, fiberglass reinforced Styrene-Butadiene-Styrene (SBS) modified bitumen base sheet/underlayment. Type 1, Grade S. 80 mils.	295.80	
07 51 13 00-0173	SQ	POWERply SA FR Membrane, Self Adhesive Roofing Note: A fire rated, granule surfaced, polyester reinforced, self adhesive Styrene-Butadiene-Styrene (SBS) modified bitumen membrane. Type I, Grade G. 130 mils.	586.68	

07 51 13 00-0174 Flashings *(07 51 13 00-0153)*

07 51 13 00-0175	LF	11-1/2" Hypalon Elastomeric Flashing Note: 45 mils.	18.53	
07 51 13 00-0176	LF	19" Hypalon Elastomeric Flashing Note: 45 mils.	30.10	
07 51 13 00-0177	LF	25" Hypalon Elastomeric Flashing Note: 45 mils.	39.97	
07 51 13 00-0178	LF	38" Hypalon Elastomeric Flashing Note: 45 mils.	58.62	
07 51 13 00-0179	LF	60-1/2" Hypalon Elastomeric Flashing Note: 45 mils.	96.57	
07 51 13 00-0180	LF	12" TRA Elastomeric Flashing Membrane Note: Polyester reinforced flashing membrane. 45 mils.	14.73	
07 51 13 00-0181	LF	18" TRA Elastomeric Flashing Membrane Note: Polyester reinforced flashing membrane. 45 mils.	24.01	
07 51 13 00-0182	LF	24" TRA Elastomeric Flashing Membrane Note: Polyester reinforced flashing membrane. 45 mils.	31.99	
07 51 13 00-0183	LF	36" TRA Elastomeric Flashing Membrane Note: Polyester reinforced flashing membrane. 45 mils.	46.74	
07 51 13 00-0184	LF	60" TRA Elastomeric Flashing Membrane Note: Polyester reinforced flashing membrane. 45 mils.	78.69	
07 51 13 00-0185	LF	4" BURmesh Fabric Note: Glass membrane for reinforcement or repair of roof membranes and flashings.	4.22	
07 51 13 00-0186	LF	6" BURmesh Fabric Note: Glass membrane for reinforcement or repair of roof membranes and flashings.	4.40	
07 51 13 00-0187	LF	12" BURmesh Fabric Note: Glass membrane for reinforcement or repair of roof membranes and flashings.	6.20	
07 51 13 00-0188	LF	36" BURmesh Fabric Note: Glass membrane for reinforcement or repair of roof membranes and flashings.	16.01	

07 51 13 00-0189 Cold Applied Adhesives *(07 51 13 00-0153)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0190	SQ	BURmastic Inter-Ply Cold Applied Adhesive	184.77	
07 51 13 00-0191	SQ	BURmastic Flood Coat Cold Applied Adhesive	304.55	
07 51 13 00-0192	SQ	BURmastic SF Inter-Ply Cold Applied Adhesive	234.99	
07 51 13 00-0193	SQ	BURmastic LV Inter-Ply Cold Applied Adhesive	184.77	
07 51 13 00-0194	SQ	POWERply Standard Inter-Ply Cold Applied Adhesive	94.27	
07 51 13 00-0195	SQ	POWERply Standard Flood Coat Cold Applied Adhesive	208.75	
07 51 13 00-0196	SQ	POWERply White On White Cold Applied Adhesive	206.02	
07 51 13 00-0197	SQ	Rock-It Cold Applied Adhesive For Gravel Applications	571.28	
07 51 13 00-0198	SQ	FAS-n-FREE Cold Applied Adhesive (Beads 12" OC) Note: For insulation only.	315.63	
07 51 13 00-0199	SQ	ECOLastic Cold Applied Adhesive	355.49	
07 51 13 00-0200		**Hot Applied Adhesives** *(07 51 13 00-0153)*		
07 51 13 00-0201	SQ	Premium III Asphalt Inter-Ply Hot Applied Adhesive	67.49	
07 51 13 00-0202	SQ	Premium III Asphalt Flood Coat Hot Applied Adhesive	123.99	
07 51 13 00-0203		**Flashings Adhesives** *(07 51 13 00-0153)*		
07 51 13 00-0204	LF	Sheeting Bond Flashing Adhesive Note: Used to attach Hypalon sheeting to asphalt or coal-tar roofing membranes.	22.95	
07 51 13 00-0205	LF	Polyroof SF Flashing Mastic Note: A solvent free, one part elastomeric roof mastic. Used to seal edges or as a repair mastic for split or cracked seals.	30.14	
07 51 13 00-0206	LF	ELS Flashing Mastic Note: Used for repairing flashings and asphalt built-up roof defects.	18.63	
07 51 13 00-0207	LF	TremSEAL D General Purpose Sealant	7.12	
07 51 13 00-0208	LF	TremSEAL HP High Performance Sealant	7.31	
07 51 13 00-0209	LF	TremSEAL S Silicone Sealant	7.16	
07 51 13 00-0210		**Surfacing** *(07 51 13 00-0153)*		
07 51 13 00-0211	SQ	TremLastic SP Non-Fibered Elastomeric Emulsion Cold Applied Coating	274.80	
07 51 13 00-0212	SQ	ICE Coating, Water Based, Heavy Bodied Elastomeric Roof Coating	615.16	
07 51 13 00-0213	SQ	Polar Coat	158.91	
07 51 13 00-0214	SQ	Alumanation 301, Asphalt Based, Fibrated Aluminum Roof Coating	194.41	
07 51 13 00-0215	SQ	Wall-Tite, Elastomeric Coating For Exterior Above-Grade Walls	562.59	
07 51 13 00-0216	SQ	Solarguard Hy-Build, Elastomeric Coating For Exterior Above-Grade Walls	256.50	
07 51 13 00-0217	SQ	100% Stitchbonded, Polyester Fabric (Tremco PERMAFAB)	72.45	
07 51 13 00-0218		**Walkway Protection Pads** *(07 51 13 00-0153)*		
07 51 13 00-0219	LF	36" Wide, Fiberglass Reinforced Asphaltic Walkway Protection Pad (Tremco Trem-Tred®)	36.08	
07 51 13 00-0220		**Primer** *(07 51 13 00-0153)*		
07 51 13 00-0221	SQ	TREMprime WB Primer Note: Water based polymer modified asphalt primer.	41.54	
07 51 13 00-0222	SQ	Solarguard Masonry Primer, Acrylic Latex Primer For Wall Tite F Coating	90.96	
07 51 13 00-0223		**Liquid Applied Roofing** *(07 51 13 00-0153)*		
07 51 13 00-0224	SQ	Trem-LAR LRM H Waterproofing (Horizontal) Note: One part liquid applied elastomeric roofing membrane. 60 mils.	468.00	
07 51 13 00-0225	SQ	Trem-LAR LRM V Waterproofing (Vertical) Note: One part liquid applied elastomeric roofing membrane. 60 mils.	476.98	
07 51 13 00-0226	SQ	AlphaGuard BIO Base Coat, High Performance, Two-Part, Polyurethane Roof Coating For Smooth BUR/MB, Concrete Or Single Ply Surfaces Note: Two part liquid applied polyurethane roof coating. 48 mils.	611.63	
07 51 13 00-0227	SQ	AlphaGuard BIO Base Coat, High Performance, Two-Part, Polyurethane Roof Coating For Granule MB Surfaces Note: Two part liquid applied polyurethane roof coating. 64 mils.	794.97	
07 51 13 00-0228	SQ	AlphaGuard BIO Top Coat, High Performance, Two-Part, Polyurethane Roof Coating Note: Two part liquid applied polyurethane roof coating. 32 mils.	464.63	
07 51 13 00-0229	SQ	AlphaGuard Glass Mat Note: Reinforcement mat for AlphaGuard systems.	89.32	
07 51 13 00-0230	SQ	AlphaGuard C-Prime Primer Note: 100% solids epoxy primer for concrete surfaces.	91.23	
07 51 13 00-0231	SQ	AlphaGuard M-Prime Primer Note: Water based primer for metal and plastic surfaces.	97.96	
07 51 13 00-0232	SQ	Geogard Primer Note: Reactivation primer for cured AlphaGuard MT roof systems and coatings.	72.54	
07 51 13 00-0233	SQ	AlphaGuard Primer WB Note: Water based polymer modified primer which conditions a variety of roofing substrates prior to the application of AlphaGuard systems.	65.38	
07 51 13 00-0234		**Atactic-Polypropylene (APP) Products** *(07 51 13 00-0153)*		
07 51 13 00-0235	SQ	POWERply Atactic-Polypropylene (APP) Base Sheet	241.58	
07 51 13 00-0236	SQ	POWERply Atactic-Polypropylene (APP) FR	456.58	
07 51 13 00-0237	SQ	POWERply Atactic-Polypropylene (APP) Smooth	365.92	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0238		**Tri-Polymer Alloy (TPA) White Membrane** *(07 51 13 00-0153)*		
07 51 13 00-0239	SQ	45 Mil Tri-Polymer Alloy (TPA) White Membrane	642.51	
07 51 13 00-0240	SQ	60 Mil Tri-Polymer Alloy (TPA) White Membrane	879.06	
07 51 13 00-0241	SQ	80 Mil Tri-Polymer Alloy (TPA) White Membrane	997.80	
07 51 13 00-0242		**Tri-Polymer Alloy (TPA) Polyester Fleece Backed White Membrane** *(07 51 13 00-0153)*		
07 51 13 00-0243	SQ	45 Mil Tri-Polymer Alloy (TPA) Polyester Fleece Backed White Membrane	737.64	
07 51 13 00-0244	SQ	60 Mil Tri-Polymer Alloy (TPA) Polyester Fleece Backed White Membrane	903.52	
07 51 13 00-0245	SQ	80 Mil Tri-Polymer Alloy (TPA) Polyester Fleece Backed White Membrane	1,104.13	
07 51 13 00-0246		**Tri-Polymer Alloy (TPA) Membrane Accessories** *(07 51 13 00-0153)*		
07 51 13 00-0247	EA	>1" To 4" Pipe Diameter, Prefabricated Tri-Polymer Alloy (TPA) Pipe Cone/Boot (Tremco)	132.14	
07 51 13 00-0248	EA	>4" To 8" Pipe Diameter, Prefabricated Tri-Polymer Alloy (TPA) Pipe Cone/Boot (Tremco)	150.06	
07 51 13 00-0249	LF	36" Wide, Thermoplastic Tri-Polymer Alloy (TPA) Walkway Protection Pad (Tremco)	21.95	
07 51 13 00-0250	SQ	Factory Coated Steel Fasteners And Steel Or Plastic Membrane Plates (Tremco)	76.48	
07 51 13 00-0251		**Thermoplastic Polyolefin (TPO) Polyester White Membrane** *(07 51 13 00-0153)*		
07 51 13 00-0252	SQ	45 Mil Thermoplastic Polyolefin (TPO) Polyester White Membrane	347.27	
07 51 13 00-0253	SQ	60 Mil Thermoplastic Polyolefin (TPO) Polyester White Membrane	351.20	
07 51 13 00-0254	SQ	80 Mil Thermoplastic Polyolefin (TPO) Polyester White Membrane	623.28	
07 51 13 00-0255		**Thermoplastic Polyolefin (TPO) Polyester Fleece Backed White Membrane** *(07 51 13 00-0153)*		
07 51 13 00-0256	SQ	45 Mil Thermoplastic Polyolefin (TPO) Polyester Fleece Backed White Membrane	402.43	
07 51 13 00-0257	SQ	60 Mil Thermoplastic Polyolefin (TPO) Polyester Fleece Backed White Membrane	452.51	
07 51 13 00-0258	SQ	80 Mil Thermoplastic Polyolefin (TPO) Polyester Fleece Backed White Membrane	656.33	
07 51 13 00-0259		**Chlorosulfonated Polyethylene (CSPE) White Membrane (Tremply HP 4510)** *(07 51 13 00-0153)*		
07 51 13 00-0260	SQ	45 Mil Chlorosulfonated Polyethylene (CSPE) White Membrane (Tremply HP 4510)	1,073.10	
07 51 13 00-0261		**Single Ply Adhesives** *(07 51 13 00-0153)*		
07 51 13 00-0262	SQ	Low VOC, TPA Bonding Adhesive (Tremco)	175.33	
07 51 13 00-0263	SQ	Water Based, TPA Bonding Adhesive (Tremco)	197.77	
07 51 13 00-0264	SQ	Water Based, Fleece Backed Single Ply Bonding Adhesive (Tremco)	172.08	
07 51 13 00-0265	SQ	Low VOC, TPO Bonding Adhesive (Tremco)	115.50	
07 51 13 00-0266		**Warranty (Tremco)** *(07 51 13 00-0153)*		
07 51 13 00-0267	EA	Up To 10,000 SF 15 Year Roofing System Warranty	1,500.00	
07 51 13 00-0268	SF	>10,000 SF 15 Year Roofing System Warranty	0.15	
07 51 13 00-0269	EA	Up To 10,000 SF 20 Year Roofing System Warranty	2,000.00	
07 51 13 00-0270	SF	>10,000 SF 20 Year Roofing System Warranty	0.20	
07 51 13 00-0271		**Built-Up Roofing Components (GAF)** *(07 51 13)*		
07 51 13 00-0272	SQ	75 LB, Base Or Ply Sheet (GAF GAFGLAS®)	47.16	
		For Up To 10, Add	*13.60*	
		For >10 To 20, Add	*7.84*	
		For >20 To 40, Add	*4.44*	
		For >75 To 100, Deduct	*-2.22*	
		For >100 To 200, Deduct	*-4.96*	
		For >200, Deduct	*-7.18*	
07 51 13 00-0273	SQ	Single Ply Sheet, Torch Applied (GAF RUBEROID® Torch Smooth)	175.92	
		For Up To 10, Add	*43.53*	
		For >10 To 20, Add	*23.85*	
		For >20 To 40, Add	*12.97*	
		For >75 To 100, Deduct	*-6.48*	
		For >100 To 200, Deduct	*-14.01*	
		For >200, Deduct	*-20.49*	
07 51 13 00-0274	SQ	Surface Membrane Sheet, Torch Applied (GAF RUBEROID® EnergyCap™ Torch Granule FR)	177.81	
		For Up To 10, Add	*43.90*	
		For >10 To 20, Add	*24.04*	
		For >20 To 40, Add	*13.06*	
		For >75 To 100, Deduct	*-6.53*	
		For >100 To 200, Deduct	*-14.10*	
		For >200, Deduct	*-20.64*	

07 52 Modified Bituminous Membrane Roofing *(07 50)*

07 52 13 Atactic-Polypropylene Modified Bituminous Membrane Roofing *(07 52)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

Note: Includes all standard manufacturers' colors including white for granule and smooth surfaced cap sheets and flashing. See CSI section 07 51 13 00-0001 for additional components such as concrete primers, cant strips, surfacing, walkway boards, demolition and warranties.

07 52 13 11 Cold Adhesive Applied Atactic-Polypropylene-Modified Bituminous Membrane Roofing *(07 52 13)*

07 52 13 11-0001 Cold Adhesive Applied Atactic-Polypropylene (APP) Modified Bituminous Membrane Roofing *(07 52 13 11)*

Note: Includes fiberglass and/or polyester reinforcement. Includes applying cold adhesive and embedding the membrane. Includes heat welding side and end laps when required.

07 52 13 11-0002 Cold Adhesive Applied, Atactic-Polypropylene (APP) Modified Bitumen Roofing Base, Ply And Cap Sheets *(07 52 13 11-0001)*

07 52 13 11-0003	SQ	80 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Sheet, Cold Adhesive Applied	219.76
		For Up To 10, Add	*52.29*
		For >10 To 20, Add	*28.23*
		For >20 To 40, Add	*15.16*
		For >75 To 100, Deduct	*-7.58*
		For >100 To 200, Deduct	*-16.20*
		For >200, Deduct	*-23.78*
07 52 13 11-0004	SQ	90 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Or Ply Sheet, Cold Adhesive Applied	266.86
		For Up To 10, Add	*61.71*
		For >10 To 20, Add	*32.94*
		For >20 To 40, Add	*17.51*
		For >75 To 100, Deduct	*-8.76*
		For >100 To 200, Deduct	*-18.56*
		For >200, Deduct	*-27.31*
07 52 13 11-0005	SQ	160 Mil, Atactic-Polypropylene (APP) Modified Bitumen Ply Sheet, Cold Adhesive Applied	417.27
		For Up To 10, Add	*91.80*
		For >10 To 20, Add	*47.98*
		For >20 To 40, Add	*25.03*
		For >75 To 100, Deduct	*-12.52*
		For >100 To 200, Deduct	*-26.08*
		For >200, Deduct	*-38.59*
07 52 13 11-0006	SQ	160 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Cold Adhesive Applied	421.24
		For Up To 10, Add	*93.38*
		For >10 To 20, Add	*48.98*
		For >20 To 40, Add	*25.63*
		For >75 To 100, Deduct	*-12.82*
		For >100 To 200, Deduct	*-26.77*
		For >200, Deduct	*-39.59*
07 52 13 11-0007	SQ	160 Mil, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Cold Adhesive Applied	302.44
		For Up To 10, Add	*69.62*
		For >10 To 20, Add	*37.10*
		For >20 To 40, Add	*19.69*
		For >75 To 100, Deduct	*-9.85*
		For >100 To 200, Deduct	*-20.83*
		For >200, Deduct	*-30.68*
		For Factory Applied White Reflective Surfacing, Add	*108.28*
07 52 13 11-0008	SQ	160 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Cold Adhesive Applied	350.09
		For Up To 10, Add	*79.15*
		For >10 To 20, Add	*41.86*
		For >20 To 40, Add	*22.07*
		For >75 To 100, Deduct	*-11.04*
		For >100 To 200, Deduct	*-23.21*
		For >200, Deduct	*-34.25*
		For Factory Applied White Reflective Surfacing, Add	*108.28*
07 52 13 11-0009	SQ	180 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Cold Adhesive Applied	479.90
		For Up To 10, Add	*105.12*
		For >10 To 20, Add	*54.84*
		For >20 To 40, Add	*28.56*
		For >75 To 100, Deduct	*-14.28*
		For >100 To 200, Deduct	*-29.71*
		For >200, Deduct	*-43.99*
		For Factory Applied White Reflective Surfacing, Add	*108.28*

07 52 13 11-0010 Cold Adhesive Applied, Atactic-Polypropylene (APP) Modified Bitumen Roofing Flashing *(07 52 13 11-0001)*

07 52 13 11-0011	SF	160 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Cold Adhesive Applied	6.30
07 52 13 11-0012	SF	180 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Cold Adhesive Applied	9.46
		For Factory Applied White Reflective Surfacing, Add	*1.08*

07 52 13 13 Torch-Applied Atactic-Polypropylene-Modified Bituminous Membrane Roofing *(07 52 13)*

07 52 13 13-0001 Torch-Applied Atactic-Polypropylene (APP) Modified Bituminous Membrane Roofing *(07 52 13 13)*

Note: Includes fiberglass and/or polyester reinforcement. Includes adhering the membrane with a torch.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 13 13-0002		Torch-Applied, Atactic-Polypropylene (APP) Modified Bitumen Roofing Base, Ply And Cap Sheets *(07 52 13 13-0001)*		
07 52 13 13-0003	SQ	80 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Sheet, Torch-Applied	159.42	
		For Up To 10, Add	*40.22*	
		For >10 To 20, Add	*22.19*	
		For >20 To 40, Add	*12.14*	
		For >75 To 100, Deduct	*-6.07*	
		For >100 To 200, Deduct	*-13.18*	
		For >200, Deduct	*-19.25*	
07 52 13 13-0004	SQ	90 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Or Ply Sheet, Torch-Applied	206.52	
		For Up To 10, Add	*49.64*	
		For >10 To 20, Add	*26.90*	
		For >20 To 40, Add	*14.49*	
		For >75 To 100, Deduct	*-7.25*	
		For >100 To 200, Deduct	*-15.54*	
		For >200, Deduct	*-22.78*	
07 52 13 13-0005	SQ	150 Mil, Atactic-Polypropylene (APP) Modified Bitumen Ply Sheet, Torch-Applied	249.55	
		For Up To 10, Add	*62.43*	
		For >10 To 20, Add	*34.34*	
		For >20 To 40, Add	*18.74*	
		For >75 To 100, Deduct	*-9.37*	
		For >100 To 200, Deduct	*-20.30*	
		For >200, Deduct	*-29.67*	
07 52 13 13-0006	SQ	160 Mil, Atactic-Polypropylene (APP) Modified Bitumen Ply Sheet, Torch-Applied	261.61	
		For Up To 10, Add	*64.84*	
		For >10 To 20, Add	*35.55*	
		For >20 To 40, Add	*19.34*	
		For >75 To 100, Deduct	*-9.67*	
		For >100 To 200, Deduct	*-20.90*	
		For >200, Deduct	*-30.57*	
07 52 13 13-0007	SQ	180 Mil, Atactic-Polypropylene (APP) Modified Bitumen Ply Sheet, Torch-Applied	359.46	
		For Up To 10, Add	*84.41*	
		For >10 To 20, Add	*45.33*	
		For >20 To 40, Add	*24.23*	
		For >75 To 100, Deduct	*-12.12*	
		For >100 To 200, Deduct	*-25.80*	
		For >200, Deduct	*-37.91*	
07 52 13 13-0008	SQ	150 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	249.55	
		For Up To 10, Add	*62.43*	
		For >10 To 20, Add	*34.34*	
		For >20 To 40, Add	*18.74*	
		For >75 To 100, Deduct	*-9.37*	
		For >100 To 200, Deduct	*-20.30*	
		For >200, Deduct	*-29.67*	
07 52 13 13-0009	SQ	160 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	264.62	
		For Up To 10, Add	*65.44*	
		For >10 To 20, Add	*35.85*	
		For >20 To 40, Add	*19.49*	
		For >75 To 100, Deduct	*-9.75*	
		For >100 To 200, Deduct	*-21.05*	
		For >200, Deduct	*-30.80*	
07 52 13 13-0010	SQ	180 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	359.46	
		For Up To 10, Add	*84.41*	
		For >10 To 20, Add	*45.33*	
		For >20 To 40, Add	*24.23*	
		For >75 To 100, Deduct	*-12.12*	
		For >100 To 200, Deduct	*-25.80*	
		For >200, Deduct	*-37.91*	
07 52 13 13-0011	SQ	160 Mil, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	259.05	
		For Up To 10, Add	*64.33*	
		For >10 To 20, Add	*35.29*	
		For >20 To 40, Add	*19.21*	
		For >75 To 100, Deduct	*-9.61*	
		For >100 To 200, Deduct	*-20.78*	
		For >200, Deduct	*-30.38*	
		For Factory Applied White Reflective Surfacing, Add	*108.28*	
07 52 13 13-0012	SQ	170 Mil, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	273.67	
		For Up To 10, Add	*67.25*	
		For >10 To 20, Add	*36.76*	
		For >20 To 40, Add	*19.94*	
		For >75 To 100, Deduct	*-9.97*	
		For >100 To 200, Deduct	*-21.51*	
		For >200, Deduct	*-31.48*	
		For Factory Applied White Reflective Surfacing, Add	*108.28*	
07 52 13 13-0013	SQ	160 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	309.55	
		For Up To 10, Add	*74.43*	
		For >10 To 20, Add	*40.34*	
		For >20 To 40, Add	*21.74*	
		For >75 To 100, Deduct	*-10.87*	
		For >100 To 200, Deduct	*-23.30*	
		For >200, Deduct	*-34.17*	
		For Factory Applied White Reflective Surfacing, Add	*108.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 13 13-0014	SQ	170 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	313.93	
		For Up To 10, Add	*75.30*	
		For >10 To 20, Add	*40.78*	
		For >20 To 40, Add	*21.96*	
		For >75 To 100, Deduct	*-10.98*	
		For >100 To 200, Deduct	*-23.52*	
		For >200, Deduct	*-34.50*	
		For Factory Applied White Reflective Surfacing, Add	*108.28*	
07 52 13 13-0015	SQ	180 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	436.50	
		For Up To 10, Add	*99.82*	
		For >10 To 20, Add	*53.04*	
		For >20 To 40, Add	*28.08*	
		For >75 To 100, Deduct	*-14.04*	
		For >100 To 200, Deduct	*-29.65*	
		For >200, Deduct	*-43.69*	
		For Factory Applied White Reflective Surfacing, Add	*108.28*	

07 52 13 13-0016 Torch-Applied, Atactic-Polypropylene (APP) Modified Bitumen Roofing Flashing *(07 52 13 13-0001)*

07 52 13 13-0017	SF	150 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied	3.74	
07 52 13 13-0018	SF	160 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied	3.89	
07 52 13 13-0019	SF	180 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied	4.84	
07 52 13 13-0020	SF	170 Mil, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied	3.98	
		For Factory Applied White Reflective Surfacing, Add	*1.08*	
07 52 13 13-0021	SF	170 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied	4.38	
		For Factory Applied White Reflective Surfacing, Add	*1.08*	
07 52 13 13-0022	SF	180 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied	5.61	
		For Factory Applied White Reflective Surfacing, Add	*1.08*	

07 52 13 14 Mechanically Fastened Atactic-Polypropylene-Modified Bituminous Membrane Roofing *(07 52 13)*

07 52 13 14-0001 Mechanically Fastened Atactic-Polypropylene (APP) Modified Bituminous Membrane Roofing *(07 52 13 14)*

Note: Includes fiberglass and/or polyester reinforcement. Includes fasteners.

07 52 13 14-0002 Mechanically Fastened, Atactic-Polypropylene (APP) Modified Bitumen Roofing Base And Ply Sheets *(07 52 13 14-0001)*

07 52 13 14-0003	SQ	90 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Or Ply Sheet, Mechanically Fastened	232.64	
		For Up To 10, Add	*50.70*	
		For >10 To 20, Add	*26.39*	
		For >20 To 40, Add	*13.72*	
		For >75 To 100, Deduct	*-6.86*	
		For >100 To 200, Deduct	*-14.24*	
		For >200, Deduct	*-21.10*	

07 52 16 Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing *(07 52)*

Note: Includes all standard manufacturers' colors including white for granule and smooth surfaced cap sheets and flashing. See CSI section 07 51 13 00-0001 for additional components such as concrete primers, cant strips, surfacing, walkway boards, demolition and warranties.

07 52 16 11 Cold Adhesive Applied Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing *(07 52 16)*

07 52 16 11-0001 Cold Adhesive Applied Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing *(07 52 16 11)*

Note: Includes fiberglass and/or polyester reinforcement. Includes applying cold adhesive and embedding the membrane. Includes heat welding side and end laps when required.

07 52 16 11-0002 Cold Adhesive Applied, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Base, Ply And Cap Sheets *(07 52 16 11-0001)*

07 52 16 11-0003	SQ	50 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Cold Adhesive Applied	173.64	
		For Up To 10, Add	*43.07*	
		For >10 To 20, Add	*23.62*	
		For >20 To 40, Add	*12.85*	
		For >75 To 100, Deduct	*-6.43*	
		For >100 To 200, Deduct	*-13.90*	
		For >200, Deduct	*-20.32*	
07 52 16 11-0004	SQ	80 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Cold Adhesive Applied	225.94	
		For Up To 10, Add	*53.53*	
		For >10 To 20, Add	*28.85*	
		For >20 To 40, Add	*15.47*	
		For >75 To 100, Deduct	*-7.73*	
		For >100 To 200, Deduct	*-16.51*	
		For >200, Deduct	*-24.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 11-0005	SQ	90 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Cold Adhesive Applied	232.69	
		For Up To 10, Add	*54.88*	
		For >10 To 20, Add	*29.53*	
		For >20 To 40, Add	*15.81*	
		For >75 To 100, Deduct	*-7.90*	
		For >100 To 200, Deduct	*-16.85*	
		For >200, Deduct	*-24.75*	
07 52 16 11-0006	SQ	120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Or Ply Sheet, Cold Adhesive Applied	316.11	
		For Up To 10, Add	*71.56*	
		For >10 To 20, Add	*37.87*	
		For >20 To 40, Add	*19.98*	
		For >75 To 100, Deduct	*-9.99*	
		For >100 To 200, Deduct	*-21.02*	
		For >200, Deduct	*-31.01*	
07 52 16 11-0007	SQ	125 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Ply Sheet, Cold Adhesive Applied	400.55	
		For Up To 10, Add	*88.45*	
		For >10 To 20, Add	*46.31*	
		For >20 To 40, Add	*24.20*	
		For >75 To 100, Deduct	*-12.10*	
		For >100 To 200, Deduct	*-25.24*	
		For >200, Deduct	*-37.34*	
07 52 16 11-0008	SQ	140 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	334.53	
		For Up To 10, Add	*76.04*	
		For >10 To 20, Add	*40.31*	
		For >20 To 40, Add	*21.29*	
		For >75 To 100, Deduct	*-10.65*	
		For >100 To 200, Deduct	*-22.44*	
		For >200, Deduct	*-33.08*	
07 52 16 11-0009	SQ	150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	343.60	
		For Up To 10, Add	*77.86*	
		For >10 To 20, Add	*41.21*	
		For >20 To 40, Add	*21.75*	
		For >75 To 100, Deduct	*-10.87*	
		For >100 To 200, Deduct	*-22.89*	
		For >200, Deduct	*-33.76*	
07 52 16 11-0010	SQ	125 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	301.09	
		For Up To 10, Add	*69.35*	
		For >10 To 20, Add	*36.96*	
		For >20 To 40, Add	*19.62*	
		For >75 To 100, Deduct	*-9.81*	
		For >100 To 200, Deduct	*-20.76*	
		For >200, Deduct	*-30.58*	
		For Factory Applied White Reflective Surfacing, Add	*108.28*	
07 52 16 11-0011	SQ	140 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	305.01	
		For Up To 10, Add	*70.14*	
		For >10 To 20, Add	*37.35*	
		For >20 To 40, Add	*19.82*	
		For >75 To 100, Deduct	*-9.91*	
		For >100 To 200, Deduct	*-20.96*	
		For >200, Deduct	*-30.87*	
		For Factory Applied White Reflective Surfacing, Add	*108.28*	
07 52 16 11-0012	SQ	150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	341.19	
		For Up To 10, Add	*77.37*	
		For >10 To 20, Add	*40.97*	
		For >20 To 40, Add	*21.63*	
		For >75 To 100, Deduct	*-10.81*	
		For >100 To 200, Deduct	*-22.77*	
		For >200, Deduct	*-33.58*	
		For Factory Applied White Reflective Surfacing, Add	*108.28*	
07 52 16 11-0013	SQ	160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	347.22	
		For Up To 10, Add	*78.58*	
		For >10 To 20, Add	*41.57*	
		For >20 To 40, Add	*21.93*	
		For >75 To 100, Deduct	*-10.96*	
		For >100 To 200, Deduct	*-23.07*	
		For >200, Deduct	*-34.04*	
		For Factory Applied White Reflective Surfacing, Add	*108.28*	
07 52 16 11-0014	SQ	170 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	399.99	
		For Up To 10, Add	*89.13*	
		For >10 To 20, Add	*46.85*	
		For >20 To 40, Add	*24.57*	
		For >75 To 100, Deduct	*-12.28*	
		For >100 To 200, Deduct	*-25.71*	
		For >200, Deduct	*-37.99*	
		For Factory Applied White Reflective Surfacing, Add	*108.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 11-0015	SQ	180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	496.12	
		For Up To 10, Add	*108.36*	
		For >10 To 20, Add	*56.46*	
		For >20 To 40, Add	*29.37*	
		For >75 To 100, Deduct	*-14.69*	
		For >100 To 200, Deduct	*-30.52*	
		For >200, Deduct	*-45.20*	
		For Factory Applied White Reflective Surfacing, Add	*108.28*	
07 52 16 11-0016	SQ	125 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	307.63	
		For Up To 10, Add	*70.66*	
		For >10 To 20, Add	*37.62*	
		For >20 To 40, Add	*19.95*	
		For >75 To 100, Deduct	*-9.97*	
		For >100 To 200, Deduct	*-21.09*	
		For >200, Deduct	*-31.07*	
		For Factory Applied White Reflective Surfacing, Add	*108.28*	
07 52 16 11-0017	SQ	140 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	317.07	
		For Up To 10, Add	*72.55*	
		For >10 To 20, Add	*38.56*	
		For >20 To 40, Add	*20.42*	
		For >75 To 100, Deduct	*-10.21*	
		For >100 To 200, Deduct	*-21.56*	
		For >200, Deduct	*-31.77*	
		For Factory Applied White Reflective Surfacing, Add	*108.28*	
07 52 16 11-0018	SQ	150 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	368.33	
		For Up To 10, Add	*82.80*	
		For >10 To 20, Add	*43.69*	
		For >20 To 40, Add	*22.98*	
		For >75 To 100, Deduct	*-11.49*	
		For >100 To 200, Deduct	*-24.13*	
		For >200, Deduct	*-35.62*	
		For Factory Applied White Reflective Surfacing, Add	*108.28*	
07 52 16 11-0019	SQ	160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	369.54	
		For Up To 10, Add	*83.04*	
		For >10 To 20, Add	*43.81*	
		For >20 To 40, Add	*23.05*	
		For >75 To 100, Deduct	*-11.52*	
		For >100 To 200, Deduct	*-24.19*	
		For >200, Deduct	*-35.71*	
		For Factory Applied White Reflective Surfacing, Add	*108.28*	
07 52 16 11-0020	SQ	170 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	392.45	
		For Up To 10, Add	*87.63*	
		For >10 To 20, Add	*46.10*	
		For >20 To 40, Add	*24.19*	
		For >75 To 100, Deduct	*-12.10*	
		For >100 To 200, Deduct	*-25.33*	
		For >200, Deduct	*-37.43*	
		For Factory Applied White Reflective Surfacing, Add	*108.28*	

07 52 16 11-0021 Cold Adhesive Applied, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Flashing *(07 52 16 11-0001)*

07 52 16 11-0022	SF	150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	5.52	
07 52 16 11-0023	SF	125 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	5.10	
		For Factory Applied White Reflective Surfacing, Add	*1.08*	
07 52 16 11-0024	SF	140 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	5.14	
		For Factory Applied White Reflective Surfacing, Add	*1.08*	
07 52 16 11-0025	SF	160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	5.56	
		For Factory Applied White Reflective Surfacing, Add	*1.08*	
07 52 16 11-0026	SF	170 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	6.09	
		For Factory Applied White Reflective Surfacing, Add	*1.08*	
07 52 16 11-0027	SF	180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	7.05	
		For Factory Applied White Reflective Surfacing, Add	*1.08*	
07 52 16 11-0028	SF	125 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	5.16	
		For Factory Applied White Reflective Surfacing, Add	*1.08*	
07 52 16 11-0029	SF	140 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	5.26	
		For Factory Applied White Reflective Surfacing, Add	*1.08*	
07 52 16 11-0030	SF	160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	5.78	
		For Factory Applied White Reflective Surfacing, Add	*1.08*	
07 52 16 11-0031	SF	170 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	6.01	
		For Factory Applied White Reflective Surfacing, Add	*1.08*	
07 52 16 11-0032	SF	145 Mil, Aluminum Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	7.89	
07 52 16 11-0033	SF	160 Mil, Copper Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	14.67	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 12		**Hot-Mopped Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing** *(07 52 16)*		
07 52 16 12-0001		Hot-Mopped Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing *(07 52 16 12)* Note: Includes fiberglass and/or polyester reinforcement. Includes mopping hot asphalt and embedding the membrane.		
07 52 16 12-0002		Hot-Mopped, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Base, Ply And Cap Sheets *(07 52 16 12-0001)*		
07 52 16 12-0003	SQ	50 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Hot-Mopped	142.85	
		For Up To 10, Add	*37.04*	
		For >10 To 20, Add	*20.64*	
		For >20 To 40, Add	*11.38*	
		For >75 To 100, Deduct	*-5.69*	
		For >100 To 200, Deduct	*-12.44*	
		For >200, Deduct	*-18.12*	
07 52 16 12-0004	SQ	80 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Hot-Mopped	195.15	
		For Up To 10, Add	*47.50*	
		For >10 To 20, Add	*25.87*	
		For >20 To 40, Add	*13.99*	
		For >75 To 100, Deduct	*-7.00*	
		For >100 To 200, Deduct	*-15.05*	
		For >200, Deduct	*-22.05*	
07 52 16 12-0005	SQ	90 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Hot-Mopped	201.90	
		For Up To 10, Add	*48.85*	
		For >10 To 20, Add	*26.54*	
		For >20 To 40, Add	*14.33*	
		For >75 To 100, Deduct	*-7.16*	
		For >100 To 200, Deduct	*-15.39*	
		For >200, Deduct	*-22.55*	
07 52 16 12-0006	SQ	120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Or Ply Sheet, Hot-Mopped	285.33	
		For Up To 10, Add	*65.53*	
		For >10 To 20, Add	*34.88*	
		For >20 To 40, Add	*18.50*	
		For >75 To 100, Deduct	*-9.25*	
		For >100 To 200, Deduct	*-19.56*	
		For >200, Deduct	*-28.81*	
07 52 16 12-0007	SQ	125 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Ply Sheet, Hot-Mopped	369.76	
		For Up To 10, Add	*82.42*	
		For >10 To 20, Add	*43.33*	
		For >20 To 40, Add	*22.72*	
		For >75 To 100, Deduct	*-11.36*	
		For >100 To 200, Deduct	*-23.78*	
		For >200, Deduct	*-35.14*	
07 52 16 12-0008	SQ	140 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	303.80	
		For Up To 10, Add	*70.03*	
		For >10 To 20, Add	*37.34*	
		For >20 To 40, Add	*19.83*	
		For >75 To 100, Deduct	*-9.91*	
		For >100 To 200, Deduct	*-20.99*	
		For >200, Deduct	*-30.90*	
07 52 16 12-0009	SQ	150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	312.88	
		For Up To 10, Add	*71.85*	
		For >10 To 20, Add	*38.24*	
		For >20 To 40, Add	*20.28*	
		For >75 To 100, Deduct	*-10.14*	
		For >100 To 200, Deduct	*-21.44*	
		For >200, Deduct	*-31.58*	
07 52 16 12-0010	SQ	125 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	270.36	
		For Up To 10, Add	*63.35*	
		For >10 To 20, Add	*33.99*	
		For >20 To 40, Add	*18.16*	
		For >75 To 100, Deduct	*-9.08*	
		For >100 To 200, Deduct	*-19.31*	
		For >200, Deduct	*-28.39*	
		For Factory Applied White Reflective Surfacing, Add	*108.28*	
07 52 16 12-0011	SQ	140 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	274.28	
		For Up To 10, Add	*64.13*	
		For >10 To 20, Add	*34.38*	
		For >20 To 40, Add	*18.35*	
		For >75 To 100, Deduct	*-9.18*	
		For >100 To 200, Deduct	*-19.51*	
		For >200, Deduct	*-28.69*	
		For Factory Applied White Reflective Surfacing, Add	*108.28*	
07 52 16 12-0012	SQ	150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	310.47	
		For Up To 10, Add	*71.37*	
		For >10 To 20, Add	*38.00*	
		For >20 To 40, Add	*20.16*	
		For >75 To 100, Deduct	*-10.08*	
		For >100 To 200, Deduct	*-21.32*	
		For >200, Deduct	*-31.40*	
		For Factory Applied White Reflective Surfacing, Add	*108.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 12-0013	SQ	160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	316.50	
		For Up To 10, Add	*72.57*	
		For >10 To 20, Add	*38.61*	
		For >20 To 40, Add	*20.46*	
		For >75 To 100, Deduct	*-10.23*	
		For >100 To 200, Deduct	*-21.62*	
		For >200, Deduct	*-31.85*	
		For Factory Applied White Reflective Surfacing, Add	*108.28*	
07 52 16 12-0014	SQ	170 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	369.27	
		For Up To 10, Add	*83.13*	
		For >10 To 20, Add	*43.88*	
		For >20 To 40, Add	*23.10*	
		For >75 To 100, Deduct	*-11.55*	
		For >100 To 200, Deduct	*-24.26*	
		For >200, Deduct	*-35.81*	
		For Factory Applied White Reflective Surfacing, Add	*108.28*	
07 52 16 12-0015	SQ	180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	465.40	
		For Up To 10, Add	*102.35*	
		For >10 To 20, Add	*53.50*	
		For >20 To 40, Add	*27.91*	
		For >75 To 100, Deduct	*-13.95*	
		For >100 To 200, Deduct	*-29.07*	
		For >200, Deduct	*-43.02*	
		For Factory Applied White Reflective Surfacing, Add	*108.28*	
07 52 16 12-0016	SQ	125 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	276.91	
		For Up To 10, Add	*64.66*	
		For >10 To 20, Add	*34.65*	
		For >20 To 40, Add	*18.48*	
		For >75 To 100, Deduct	*-9.24*	
		For >100 To 200, Deduct	*-19.64*	
		For >200, Deduct	*-28.88*	
		For Factory Applied White Reflective Surfacing, Add	*108.28*	
07 52 16 12-0017	SQ	140 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	286.34	
		For Up To 10, Add	*66.54*	
		For >10 To 20, Add	*35.59*	
		For >20 To 40, Add	*18.95*	
		For >75 To 100, Deduct	*-9.48*	
		For >100 To 200, Deduct	*-20.11*	
		For >200, Deduct	*-29.59*	
		For Factory Applied White Reflective Surfacing, Add	*108.28*	
07 52 16 12-0018	SQ	150 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	337.61	
		For Up To 10, Add	*76.80*	
		For >10 To 20, Add	*40.72*	
		For >20 To 40, Add	*21.52*	
		For >75 To 100, Deduct	*-10.76*	
		For >100 To 200, Deduct	*-22.68*	
		For >200, Deduct	*-33.44*	
		For Factory Applied White Reflective Surfacing, Add	*108.28*	
07 52 16 12-0019	SQ	160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	338.81	
		For Up To 10, Add	*77.04*	
		For >10 To 20, Add	*40.84*	
		For >20 To 40, Add	*21.58*	
		For >75 To 100, Deduct	*-10.79*	
		For >100 To 200, Deduct	*-22.74*	
		For >200, Deduct	*-33.53*	
		For Factory Applied White Reflective Surfacing, Add	*108.28*	
07 52 16 12-0020	SQ	170 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	361.73	
		For Up To 10, Add	*81.62*	
		For >10 To 20, Add	*43.13*	
		For >20 To 40, Add	*22.72*	
		For >75 To 100, Deduct	*-11.36*	
		For >100 To 200, Deduct	*-23.88*	
		For >200, Deduct	*-35.24*	
		For Factory Applied White Reflective Surfacing, Add	*108.28*	

07 52 16 12-0021 Hot-Mopped, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Flashing *(07 52 16 12-0001)*

07 52 16 12-0022	SF	150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	5.29	
07 52 16 12-0023	SF	125 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	4.87	
		For Factory Applied White Reflective Surfacing, Add	*1.08*	
07 52 16 12-0024	SF	140 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	4.91	
		For Factory Applied White Reflective Surfacing, Add	*1.08*	
07 52 16 12-0025	SF	150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	5.27	
		For Factory Applied White Reflective Surfacing, Add	*1.08*	
07 52 16 12-0026	SF	160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	5.33	
		For Factory Applied White Reflective Surfacing, Add	*1.08*	
07 52 16 12-0027	SF	170 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	5.86	
		For Factory Applied White Reflective Surfacing, Add	*1.08*	
07 52 16 12-0028	SF	180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	6.82	
		For Factory Applied White Reflective Surfacing, Add	*1.08*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 12-0029	SF	125 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	4.93	
		For Factory Applied White Reflective Surfacing, Add	*1.08*	
07 52 16 12-0030	SF	140 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	5.03	
		For Factory Applied White Reflective Surfacing, Add	*1.08*	
07 52 16 12-0031	SF	160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	5.46	
		For Factory Applied White Reflective Surfacing, Add	*1.08*	
07 52 16 12-0032	SF	170 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	5.78	
		For Factory Applied White Reflective Surfacing, Add	*1.08*	
07 52 16 12-0033	SF	145 Mil, Aluminum Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	7.66	
07 52 16 12-0034	SF	160 Mil, Copper Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	14.43	

07 52 16 13 Torch-Applied Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing *(07 52 16)*

07 52 16 13-0001 Torch-Applied Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing *(07 52 16 13)*

Note: Includes fiberglass and/or polyester reinforcement. Includes adhering the membrane with a torch.

07 52 16 13-0002 Torch-Applied, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Base, Ply And Cap Sheets *(07 52 16 13-0001)*

07 52 16 13-0003	SQ	120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Or Ply Sheet, Torch-Applied	291.76	
		For Up To 10, Add	*70.87*	
		For >10 To 20, Add	*38.56*	
		For >20 To 40, Add	*20.85*	
		For >75 To 100, Deduct	*-10.42*	
		For >100 To 200, Deduct	*-22.41*	
		For >200, Deduct	*-32.84*	
07 52 16 13-0004	SQ	150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied	262.51	
		For Up To 10, Add	*65.02*	
		For >10 To 20, Add	*35.64*	
		For >20 To 40, Add	*19.38*	
		For >75 To 100, Deduct	*-9.69*	
		For >100 To 200, Deduct	*-20.95*	
		For >200, Deduct	*-30.64*	
		For Factory Applied White Reflective Surfacing, Add	*108.28*	
07 52 16 13-0005	SQ	160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied	296.89	
		For Up To 10, Add	*71.90*	
		For >10 To 20, Add	*39.08*	
		For >20 To 40, Add	*21.10*	
		For >75 To 100, Deduct	*-10.55*	
		For >100 To 200, Deduct	*-22.67*	
		For >200, Deduct	*-33.22*	
		For Factory Applied White Reflective Surfacing, Add	*108.28*	
07 52 16 13-0006	SQ	180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied	452.73	
		For Up To 10, Add	*103.06*	
		For >10 To 20, Add	*54.66*	
		For >20 To 40, Add	*28.90*	
		For >75 To 100, Deduct	*-14.45*	
		For >100 To 200, Deduct	*-30.46*	
		For >200, Deduct	*-44.91*	
		For Factory Applied White Reflective Surfacing, Add	*108.28*	
07 52 16 13-0007	SQ	150 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied	272.34	
		For Up To 10, Add	*66.99*	
		For >10 To 20, Add	*36.62*	
		For >20 To 40, Add	*19.88*	
		For >75 To 100, Deduct	*-9.94*	
		For >100 To 200, Deduct	*-21.44*	
		For >200, Deduct	*-31.38*	
		For Factory Applied White Reflective Surfacing, Add	*108.28*	
07 52 16 13-0008	SQ	160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied	312.87	
		For Up To 10, Add	*75.09*	
		For >10 To 20, Add	*40.68*	
		For >20 To 40, Add	*21.90*	
		For >75 To 100, Deduct	*-10.95*	
		For >100 To 200, Deduct	*-23.47*	
		For >200, Deduct	*-34.42*	
		For Factory Applied White Reflective Surfacing, Add	*108.28*	
07 52 16 13-0009	SQ	165 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied	325.87	
		For Up To 10, Add	*77.88*	
		For >10 To 20, Add	*42.12*	
		For >20 To 40, Add	*22.65*	
		For >75 To 100, Deduct	*-11.32*	
		For >100 To 200, Deduct	*-24.23*	
		For >200, Deduct	*-35.56*	
		For Factory Applied White Reflective Surfacing, Add	*108.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 13-0010	SQ	180 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied	420.47	
		For Up To 10, Add	*96.80*	
		For >10 To 20, Add	*51.58*	
		For >20 To 40, Add	*27.38*	
		For >75 To 100, Deduct	*-13.69*	
		For >100 To 200, Deduct	*-28.96*	
		For >200, Deduct	*-42.65*	
		For Factory Applied White Reflective Surfacing, Add	*108.28*	

07 52 16 13-0011 Torch-Applied, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Flashing *(07 52 16 13-0001)*

07 52 16 13-0012	SF	150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	4.25	
07 52 16 13-0013	SF	150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	4.22	
		For Factory Applied White Reflective Surfacing, Add	*1.08*	
07 52 16 13-0014	SF	180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	5.77	
		For Factory Applied White Reflective Surfacing, Add	*1.08*	
07 52 16 13-0015	SF	160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	4.41	
		For Factory Applied White Reflective Surfacing, Add	*1.08*	
07 52 16 13-0016	SF	165 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	4.49	
		For Factory Applied White Reflective Surfacing, Add	*1.08*	
07 52 16 13-0017	SF	180 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	5.45	
		For Factory Applied White Reflective Surfacing, Add	*1.08*	
07 52 16 13-0018	SF	150 Mil, Aluminum Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	5.65	
07 52 16 13-0019	SF	160 Mil, Copper Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	13.39	

07 52 16 14 Mechanically Fastened Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing *(07 52 16)*

07 52 16 14-0001 Mechanically Fastened Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing *(07 52 16 14)*

Note: Includes fiberglass and/or polyester reinforcement. Includes fasteners.

07 52 16 14-0002 Mechanically Fastened, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Base And Ply Sheets *(07 52 16 14-0001)*

07 52 16 14-0003	SQ	35 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Ply Sheet, Mechanically Fastened	180.67	
		For Up To 10, Add	*40.30*	
		For >10 To 20, Add	*21.19*	
		For >20 To 40, Add	*11.12*	
		For >75 To 100, Deduct	*-5.56*	
		For >100 To 200, Deduct	*-11.64*	
		For >200, Deduct	*-17.20*	
07 52 16 14-0004	SQ	50 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Mechanically Fastened	139.41	
		For Up To 10, Add	*32.05*	
		For >10 To 20, Add	*17.07*	
		For >20 To 40, Add	*9.05*	
		For >75 To 100, Deduct	*-4.53*	
		For >100 To 200, Deduct	*-9.58*	
		For >200, Deduct	*-14.10*	
07 52 16 14-0005	SQ	80 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Mechanically Fastened	180.03	
		For Up To 10, Add	*40.17*	
		For >10 To 20, Add	*21.13*	
		For >20 To 40, Add	*11.09*	
		For >75 To 100, Deduct	*-5.54*	
		For >100 To 200, Deduct	*-11.61*	
		For >200, Deduct	*-17.15*	
07 52 16 14-0006	SQ	90 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Mechanically Fastened	224.90	
		For Up To 10, Add	*49.15*	
		For >10 To 20, Add	*25.62*	
		For >20 To 40, Add	*13.33*	
		For >75 To 100, Deduct	*-6.66*	
		For >100 To 200, Deduct	*-13.85*	
		For >200, Deduct	*-20.51*	
07 52 16 14-0007	SQ	120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Or Ply Sheet, Mechanically Fastened	281.89	
		For Up To 10, Add	*60.55*	
		For >10 To 20, Add	*31.32*	
		For >20 To 40, Add	*16.18*	
		For >75 To 100, Deduct	*-8.09*	
		For >100 To 200, Deduct	*-16.70*	
		For >200, Deduct	*-24.79*	

07 52 16 14-0008 Mechanically Fastened, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Flashing *(07 52 16 14-0001)*

07 52 16 14-0009	SF	150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Mechanically Fastened	3.63	
07 52 16 14-0010	SF	160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Mechanically Fastened	3.71	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 15		**Self-Adhering Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing** *(07 52 16)*			
07 52 16 15-0001		Self-Adhering Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing *(07 52 16 15)*			
		Note: Includes fiberglass and/or polyester reinforcement. Includes removing the release film(s) from the membrane and applying the membrane.			
07 52 16 15-0002		Self-Adhering, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Base, Ply And Cap Sheets *(07 52 16 15-0001)*			
07 52 16 15-0003	SQ	60 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Self-Adhering		145.54	
		For Up To 10, Add		*34.11*	
		For >10 To 20, Add		*18.31*	
		For >20 To 40, Add		*9.78*	
		For >75 To 100, Deduct		*-4.89*	
		For >100 To 200, Deduct		*-10.41*	
		For >200, Deduct		*-15.30*	
07 52 16 15-0004	SQ	70 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Self-Adhering		154.09	
		For Up To 10, Add		*35.82*	
		For >10 To 20, Add		*19.16*	
		For >20 To 40, Add		*10.21*	
		For >75 To 100, Deduct		*-5.10*	
		For >100 To 200, Deduct		*-10.83*	
		For >200, Deduct		*-15.94*	
07 52 16 15-0005	SQ	120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Self-Adhering		258.74	
		For Up To 10, Add		*57.13*	
		For >10 To 20, Add		*29.91*	
		For >20 To 40, Add		*15.63*	
		For >75 To 100, Deduct		*-7.81*	
		For >100 To 200, Deduct		*-16.30*	
		For >200, Deduct		*-24.11*	
07 52 16 15-0006	SQ	150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Self-Adhering		308.85	
		For Up To 10, Add		*67.15*	
		For >10 To 20, Add		*34.92*	
		For >20 To 40, Add		*18.13*	
		For >75 To 100, Deduct		*-9.07*	
		For >100 To 200, Deduct		*-18.81*	
		For >200, Deduct		*-27.87*	
		For Factory Applied White Reflective Surfacing, Add		*108.28*	
07 52 16 15-0007	SQ	160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Self-Adhering		456.61	
		For Up To 10, Add		*96.70*	
		For >10 To 20, Add		*49.70*	
		For >20 To 40, Add		*25.52*	
		For >75 To 100, Deduct		*-12.76*	
		For >100 To 200, Deduct		*-26.19*	
		For >200, Deduct		*-38.96*	
		For Factory Applied White Reflective Surfacing, Add		*108.28*	
07 52 16 15-0008		Self-Adhering, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Flashing *(07 52 16 15-0001)*			
07 52 16 15-0009	SF	70 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Self-Adhering		4.20	
07 52 16 15-0010	SF	150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Self-Adhering		4.69	
		For Factory Applied White Reflective Surfacing, Add		*1.08*	
07 52 16 15-0011	SF	160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Self-Adhering		6.17	
		For Factory Applied White Reflective Surfacing, Add		*1.08*	
07 53		**Elastomeric Membrane Roofing** *(07 50)*			
		Note: Includes 10 year warranty. All warranties are no dollar limit to include material, equipment and labor. Excludes concrete primer, insulation, slip sheets, wood nailers, cant strips, coping removal and reinstallation, gravel stop, walkway pads and drainage devices. See CSI section 07 26 13 00-0000 for wood deck building paper.			
07 53 16		**Chlorosulfonate-Polyethylene Roofing** *(07 53)*			
07 53 16 00-0001		Chlorosulfonated Polyethylene-Hypalon (CSPE) Roofing Membranes *(07 53 16)*			
		Note: Includes hot air welding or adhesive bonding of seams.			
07 53 16 00-0002	SQ	45 Mil, Single Ply Chlorosulfonated Polyethylene-Hypalon (CSPE) Roofing Membrane, Fully Adhered		565.20	100.13
		Note: Includes adhesive.			
		For Up To 10, Add		*153.09*	
		For >10 To 20, Add		*86.56*	
		For >20 To 40, Add		*48.29*	
		For >75 To 100, Deduct		*-24.14*	
		For >100 To 200, Deduct		*-53.29*	
		For >200, Deduct		*-77.44*	
		For 15 Year Warranty, Add		*3.00*	
07 53 16 00-0003	SQ	45 Mil, Single Ply Chlorosulfonated Polyethylene-Hypalon (CSPE) Roofing Membrane, Ballasted		412.47	50.06
		Note: Includes ballast.			
		For Up To 10, Add		*102.52*	
		For >10 To 20, Add		*56.27*	
		For >20 To 40, Add		*30.64*	
		For >75 To 100, Deduct		*-15.32*	
		For >100 To 200, Deduct		*-33.14*	
		For >200, Deduct		*-48.46*	
		For 15 Year Warranty, Add		*3.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 53 16 00-0004	SQ	45 Mil, Single Ply Chlorosulfonated Polyethylene-Hypalon (CSPE) Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	446.27	75.10
		For Up To 10, Add	*119.29*	
		For >10 To 20, Add	*67.16*	
		For >20 To 40, Add	*37.33*	
		For >75 To 100, Deduct	*-18.67*	
		For >100 To 200, Deduct	*-41.09*	
		For >200, Deduct	*-59.75*	
		For 15 Year Warranty, Add	*3.00*	
		For Mechanically Fastened To Concrete Decks, Add	*37.55*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*38.87*	

07 53 23 Ethylene-Propylene-Diene-Monomer Roofing *(07 53)*

07 53 23 00-0001 Ethylene Propylene Diene Monomer (EPDM) Roofing Membranes *(07 53 23)*

Note: Includes splicing of seams using adhesive or seam tape. Black ethylene propylene diene monomer (EPDM).

07 53 23 00-0002	SQ	45 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Ballasted Note: Includes ballast.	304.75	50.06
		For Up To 10, Add	*80.98*	
		For >10 To 20, Add	*45.49*	
		For >20 To 40, Add	*25.25*	
		For >75 To 100, Deduct	*-12.63*	
		For >100 To 200, Deduct	*-27.75*	
		For >200, Deduct	*-40.38*	
		For 15 Year Warranty, Add	*3.00*	
		For Low Slope Fire Rated, Add	*8.70*	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	*27.68*	
07 53 23 00-0003	SQ	60 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Ballasted Note: Includes ballast.	389.80	53.19
		For Up To 10, Add	*99.24*	
		For >10 To 20, Add	*54.94*	
		For >20 To 40, Add	*30.13*	
		For >75 To 100, Deduct	*-15.06*	
		For >100 To 200, Deduct	*-32.79*	
		For >200, Deduct	*-47.85*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Low Slope Fire Rated, Add	*8.70*	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	*27.68*	
07 53 23 00-0004	SQ	90 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Ballasted Note: Includes ballast.	520.09	56.32
		For Up To 10, Add	*126.55*	
		For >10 To 20, Add	*68.91*	
		For >20 To 40, Add	*37.27*	
		For >75 To 100, Deduct	*-18.63*	
		For >100 To 200, Deduct	*-40.09*	
		For >200, Deduct	*-58.72*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Low Slope Fire Rated, Add	*8.70*	
07 53 23 00-0005	SQ	45 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Partially Adhered (40%) Note: Includes adhesive and fasteners.	365.77	75.10
		For Up To 10, Add	*103.19*	
		For >10 To 20, Add	*59.11*	
		For >20 To 40, Add	*33.31*	
		For >75 To 100, Deduct	*-16.65*	
		For >100 To 200, Deduct	*-37.06*	
		For >200, Deduct	*-53.72*	
		For 15 Year Warranty, Add	*3.00*	
		For Low Slope Fire Rated, Add	*8.70*	
		For Low VOC Adhesive, Add	*32.17*	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	*27.68*	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	*83.02*	
		For Integral Polyester Fleece-Backing, Add	*117.15*	
07 53 23 00-0006	SQ	60 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Partially Adhered (40%) Note: Includes adhesive and fasteners.	450.83	78.22
		For Up To 10, Add	*121.46*	
		For >10 To 20, Add	*68.55*	
		For >20 To 40, Add	*38.19*	
		For >75 To 100, Deduct	*-19.09*	
		For >100 To 200, Deduct	*-42.10*	
		For >200, Deduct	*-61.19*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Low Slope Fire Rated, Add	*8.70*	
		For Low VOC Adhesive, Add	*32.17*	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	*27.68*	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	*83.02*	
		For Integral Polyester Fleece-Backing, Add	*129.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 53 23 00-0007	SQ	90 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Partially Adhered (40%) Note: Includes adhesive and fasteners.	581.11	81.35
		For Up To 10, Add	*148.76*	
		For >10 To 20, Add	*82.52*	
		For >20 To 40, Add	*45.33*	
		For >75 To 100, Deduct	*-22.66*	
		For >100 To 200, Deduct	*-49.39*	
		For >200, Deduct	*-72.06*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Low Slope Fire Rated, Add	*8.70*	
		For Low VOC Adhesive, Add	*32.17*	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	*83.02*	
		For Integral Polyester Fleece-Backing, Add	*143.83*	
07 53 23 00-0008	SQ	45 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Fully Adhered Note: Includes adhesive and fasteners.	482.16	100.13
		For Up To 10, Add	*136.48*	
		For >10 To 20, Add	*78.26*	
		For >20 To 40, Add	*44.13*	
		For >75 To 100, Deduct	*-22.07*	
		For >100 To 200, Deduct	*-49.14*	
		For >200, Deduct	*-71.21*	
		For 15 Year Warranty, Add	*3.00*	
		For Low Slope Fire Rated, Add	*8.70*	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	*27.68*	
		For Low VOC Adhesive, Add	*80.43*	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	*83.02*	
		For Integral Polyester Fleece-Backing, Add	*117.15*	
07 53 23 00-0009	SQ	60 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Fully Adhered Note: Includes adhesive and fasteners.	567.21	103.26
		For Up To 10, Add	*154.74*	
		For >10 To 20, Add	*87.70*	
		For >20 To 40, Add	*49.01*	
		For >75 To 100, Deduct	*-24.51*	
		For >100 To 200, Deduct	*-54.17*	
		For >200, Deduct	*-78.68*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Low Slope Fire Rated, Add	*8.70*	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	*27.68*	
		For Low VOC Adhesive, Add	*80.43*	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	*83.02*	
		For Integral Polyester Fleece-Backing, Add	*129.91*	
07 53 23 00-0010	SQ	90 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Fully Adhered Note: Includes adhesive and fasteners.	697.49	106.38
		For Up To 10, Add	*182.05*	
		For >10 To 20, Add	*101.67*	
		For >20 To 40, Add	*56.15*	
		For >75 To 100, Deduct	*-28.08*	
		For >100 To 200, Deduct	*-61.47*	
		For >200, Deduct	*-89.55*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Low Slope Fire Rated, Add	*8.70*	
		For Low VOC Adhesive, Add	*80.43*	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	*83.02*	
		For Integral Polyester Fleece-Backing, Add	*143.83*	
07 53 23 00-0011	SQ	45 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	338.30	75.10
		For Up To 10, Add	*97.70*	
		For >10 To 20, Add	*56.36*	
		For >20 To 40, Add	*31.93*	
		For >75 To 100, Deduct	*-15.97*	
		For >100 To 200, Deduct	*-35.69*	
		For >200, Deduct	*-51.66*	
		For 15 Year Warranty, Add	*3.00*	
		For Low Slope Fire Rated, Add	*8.70*	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	*27.68*	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	*83.02*	
		For Mechanically Fastened To Concrete Decks, Add	*37.55*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*38.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 53 23 00-0012	SQ	60 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	423.36	78.22
		For Up To 10, Add	*115.96*	
		For >10 To 20, Add	*65.80*	
		For >20 To 40, Add	*36.81*	
		For >75 To 100, Deduct	*-18.41*	
		For >100 To 200, Deduct	*-40.72*	
		For >200, Deduct	*-59.13*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Low Slope Fire Rated, Add	*8.70*	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	*27.68*	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	*83.02*	
		For Mechanically Fastened To Concrete Decks, Add	*39.11*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*40.43*	
07 53 23 00-0013	SQ	90 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	553.64	81.35
		For Up To 10, Add	*143.27*	
		For >10 To 20, Add	*79.77*	
		For >20 To 40, Add	*43.95*	
		For >75 To 100, Deduct	*-21.98*	
		For >100 To 200, Deduct	*-48.02*	
		For >200, Deduct	*-70.00*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Low Slope Fire Rated, Add	*8.70*	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	*83.02*	
		For Mechanically Fastened To Concrete Decks, Add	*40.68*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*42.00*	
07 53 23 00-0014		Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane Accessories *(07 53 23)*		
07 53 23 00-0015	SQ	Acrylic, Ethylene Propylene Diene Monomer (EPDM) Roofing Primer, Price Per Coat	75.93	
		For Up To 10, Add	*20.19*	
		For >10 To 20, Add	*11.35*	
		For >20 To 40, Add	*6.30*	
		For >75 To 100, Deduct	*-3.15*	
		For >100 To 200, Deduct	*-6.93*	
		For >200, Deduct	*-10.08*	
07 53 23 00-0016	SQ	Acrylic Elastomeric, Surface Or Base Coating For Ethylene Propylene Diene Monomer (EPDM) Roofing, Price Per Coat Note: 55% solids by volume.	78.47	
		For Up To 10, Add	*20.70*	
		For >10 To 20, Add	*11.60*	
		For >20 To 40, Add	*6.43*	
		For >75 To 100, Deduct	*-3.21*	
		For >100 To 200, Deduct	*-7.05*	
		For >200, Deduct	*-10.27*	
07 53 23 00-0017	EA	Up To 4" Pipe Diameter, Prefabricated Ethylene Propylene Diene Monomer (EPDM) Pipe Cone/Boot Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	48.50	11.89
07 53 23 00-0018	EA	>4" To 8" Pipe Diameter, Prefabricated Ethylene Propylene Diene Monomer (EPDM) Pipe Cone/Boot Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	68.59	11.89
07 53 23 00-0019	EA	>8" To 13" Pipe Diameter, Prefabricated Ethylene Propylene Diene Monomer (EPDM) Pipe Cone/Boot Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	126.55	11.89
07 53 23 00-0020	EA	6" Diameter, Prefabricated Ethylene Propylene Diene Monomer (EPDM) Penetration Pocket Note: Includes attaching the pocket to the membrane, sealing around the penetration and filling the pocket with pourable sealer.	167.41	13.14
07 53 23 00-0021	LF	30" Wide, Ethylene Propylene Diene Monomer (EPDM) Walkway Protection Pad Note: Includes factory installed peel and stick adhesive tape.	37.39	7.26
07 53 23 00-0022	SF	Ethylene Propylene Diene Monomer (EPDM) Membrane Base Flashing	7.18	1.87
07 53 23 00-0023	SF	Ethylene Propylene Diene Monomer (EPDM) Membrane Curb Flashing	9.05	2.82
07 53 29		**Polyisobutylene Roofing** *(07 53)*		
07 53 29 00-0001		Polyisobutylene (PIB) Roofing Membranes *(07 53 29)* Note: Includes integral polyester fleece-backing. Includes splicing of seams using adhesive or seam tape.		
07 53 29 00-0002	SQ	100 Mil, Single Ply PIB Roofing Membrane, Ballasted Note: Includes ballast.	546.25	56.32
		For Up To 10, Add	*131.78*	
		For >10 To 20, Add	*71.52*	
		For >20 To 40, Add	*38.58*	
		For >75 To 100, Deduct	*-19.29*	
		For >100 To 200, Deduct	*-41.39*	
		For >200, Deduct	*-60.68*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 53 29 00-0003	SQ	100 Mil, Single Ply PIB Roofing Membrane, Partially Adhered (40%) Note: Includes adhesive.	613.05	81.35
		For Up To 10, Add	*155.15*	
		For >10 To 20, Add	*85.71*	
		For >20 To 40, Add	*46.92*	
		For >75 To 100, Deduct	*-23.46*	
		For >100 To 200, Deduct	*-50.99*	
		For >200, Deduct	*-74.45*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
07 53 29 00-0004	SQ	100 Mil, Single Ply PIB Roofing Membrane, Fully Adhered Note: Includes adhesive.	738.12	106.38
		For Up To 10, Add	*190.18*	
		For >10 To 20, Add	*105.73*	
		For >20 To 40, Add	*58.18*	
		For >75 To 100, Deduct	*-29.09*	
		For >100 To 200, Deduct	*-63.50*	
		For >200, Deduct	*-92.60*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	

07 54 Thermoplastic Membrane Roofing *(07 50)*

Note: Includes 10 year warranty. All warranties are no dollar limit to include material, equipment and labor. Excludes concrete primer, insulation, slip sheets, wood nailers, cant strips, coping removal and reinstallation, gravel stop, walkway pads and drainage devices. See CSI section 07 26 13 00-0000 for wood deck building paper.

07 54 19 Polyvinyl-Chloride Roofing *(07 54)*

07 54 19 00-0001 Reinforced Polyvinyl Chloride (RPVC) Roofing Membranes *(07 54 19)*

Note: Includes polyester fabric reinforcement and hot air welding of seams. RPVC membranes meet or exceed all of the requirements of ASTM D4434 Type III.

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 54 19 00-0002	SQ	48 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Ballasted Note: Includes ballast.	253.55	50.06
		For Up To 10, Add	*70.74*	
		For >10 To 20, Add	*40.37*	
		For >20 To 40, Add	*22.69*	
		For >75 To 100, Deduct	*-11.35*	
		For >100 To 200, Deduct	*-25.19*	
		For >200, Deduct	*-36.54*	
		For 15 Year Warranty, Add	*3.00*	
		For Colors, Add	*26.00*	
		For Integral Polyester Fleece-Backing, Add	*44.09*	
07 54 19 00-0003	SQ	60 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Ballasted Note: Includes ballast.	282.85	53.19
		For Up To 10, Add	*77.85*	
		For >10 To 20, Add	*44.24*	
		For >20 To 40, Add	*24.78*	
		For >75 To 100, Deduct	*-12.39*	
		For >100 To 200, Deduct	*-27.44*	
		For >200, Deduct	*-39.83*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Colors, Add	*26.00*	
		For Integral Polyester Fleece-Backing, Add	*44.09*	
07 54 19 00-0004	SQ	72 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Ballasted Note: Includes ballast.	315.45	54.76
		For Up To 10, Add	*84.99*	
		For >10 To 20, Add	*47.97*	
		For >20 To 40, Add	*26.72*	
		For >75 To 100, Deduct	*-13.36*	
		For >100 To 200, Deduct	*-29.46*	
		For >200, Deduct	*-42.82*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Colors, Add	*26.00*	
		For Integral Polyester Fleece-Backing, Add	*44.09*	
07 54 19 00-0005	SQ	80 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Ballasted Note: Includes ballast.	331.40	56.32
		For Up To 10, Add	*88.81*	
		For >10 To 20, Add	*50.04*	
		For >20 To 40, Add	*27.84*	
		For >75 To 100, Deduct	*-13.92*	
		For >100 To 200, Deduct	*-30.65*	
		For >200, Deduct	*-44.57*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Colors, Add	*26.00*	
		For Integral Polyester Fleece-Backing, Add	*44.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 54 19 00-0006	SQ	48 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Fully Adhered Note: Includes adhesive.	475.65	100.13
		For Up To 10, Add	*135.18*	
		For >10 To 20, Add	*77.60*	
		For >20 To 40, Add	*43.81*	
		For >75 To 100, Deduct	*-21.90*	
		For >100 To 200, Deduct	*-48.82*	
		For >200, Deduct	*-70.72*	
		For 15 Year Warranty, Add	*3.00*	
		For Colors, Add	*26.00*	
		For Low VOC Adhesive, Add	*84.43*	
		For Integral Polyester Fleece-Backing, Add	*44.09*	
07 54 19 00-0007	SQ	60 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Fully Adhered Note: Includes adhesive.	504.96	103.26
		For Up To 10, Add	*142.29*	
		For >10 To 20, Add	*81.47*	
		For >20 To 40, Add	*45.90*	
		For >75 To 100, Deduct	*-22.95*	
		For >100 To 200, Deduct	*-51.06*	
		For >200, Deduct	*-74.01*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Colors, Add	*26.00*	
		For Low VOC Adhesive, Add	*84.43*	
		For Integral Polyester Fleece-Backing, Add	*44.09*	
07 54 19 00-0008	SQ	72 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Fully Adhered Note: Includes adhesive.	537.55	104.82
		For Up To 10, Add	*149.44*	
		For >10 To 20, Add	*85.20*	
		For >20 To 40, Add	*47.84*	
		For >75 To 100, Deduct	*-23.92*	
		For >100 To 200, Deduct	*-53.08*	
		For >200, Deduct	*-77.00*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Colors, Add	*26.00*	
		For Low VOC Adhesive, Add	*84.43*	
		For Integral Polyester Fleece-Backing, Add	*44.09*	
07 54 19 00-0009	SQ	80 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Fully Adhered Note: Includes adhesive.	553.50	106.38
		For Up To 10, Add	*153.26*	
		For >10 To 20, Add	*87.27*	
		For >20 To 40, Add	*48.95*	
		For >75 To 100, Deduct	*-24.48*	
		For >100 To 200, Deduct	*-54.27*	
		For >200, Deduct	*-78.75*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Colors, Add	*26.00*	
		For Low VOC Adhesive, Add	*84.43*	
		For Integral Polyester Fleece-Backing, Add	*44.09*	
07 54 19 00-0010	SQ	48 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	278.85	75.10
		For Up To 10, Add	*85.81*	
		For >10 To 20, Add	*50.41*	
		For >20 To 40, Add	*28.96*	
		For >75 To 100, Deduct	*-14.48*	
		For >100 To 200, Deduct	*-32.72*	
		For >200, Deduct	*-47.20*	
		For 15 Year Warranty, Add	*3.00*	
		For Colors, Add	*26.00*	
		For Integral Polyester Fleece-Backing, Add	*44.09*	
		For Mechanically Fastened To Concrete Decks, Add	*37.55*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*38.87*	
07 54 19 00-0011	SQ	60 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	308.17	78.22
		For Up To 10, Add	*92.92*	
		For >10 To 20, Add	*54.28*	
		For >20 To 40, Add	*31.05*	
		For >75 To 100, Deduct	*-15.53*	
		For >100 To 200, Deduct	*-34.96*	
		For >200, Deduct	*-50.49*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Colors, Add	*26.00*	
		For Integral Polyester Fleece-Backing, Add	*44.09*	
		For Mechanically Fastened To Concrete Decks, Add	*39.11*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*40.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 54 19 00-0012	SQ	72 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	340.76	79.79
		For Up To 10, Add	*100.07*	
		For >10 To 20, Add	*58.01*	
		For >20 To 40, Add	*33.00*	
		For >75 To 100, Deduct	*-16.50*	
		For >100 To 200, Deduct	*-36.99*	
		For >200, Deduct	*-53.48*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Colors, Add	*26.00*	
		For Integral Polyester Fleece-Backing, Add	*44.09*	
		For Mechanically Fastened To Concrete Decks, Add	*39.90*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*41.22*	
07 54 19 00-0013	SQ	80 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	356.70	81.35
		For Up To 10, Add	*103.88*	
		For >10 To 20, Add	*60.08*	
		For >20 To 40, Add	*34.11*	
		For >75 To 100, Deduct	*-17.05*	
		For >100 To 200, Deduct	*-38.17*	
		For >200, Deduct	*-55.23*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Colors, Add	*26.00*	
		For Integral Polyester Fleece-Backing, Add	*44.09*	
		For Mechanically Fastened To Concrete Decks, Add	*40.68*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*42.00*	
07 54 19 00-0014		**Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane Accessories** *(07 54 19)*		
07 54 19 00-0015	SQ	Acrylic, Polyvinyl Chloride (PVC) Roofing Cleaner/Primer, Price Per Coat	75.93	
		For Up To 10, Add	*20.19*	
		For >10 To 20, Add	*11.35*	
		For >20 To 40, Add	*6.30*	
		For >75 To 100, Deduct	*-3.15*	
		For >100 To 200, Deduct	*-6.93*	
		For >200, Deduct	*-10.08*	
07 54 19 00-0016	SQ	Acrylic Elastomeric, Surface Or Base Coating For Polyvinyl Chloride (PVC) Roofing, Price Per Coat Note: 55% solids by volume.	78.47	
		For Up To 10, Add	*20.70*	
		For >10 To 20, Add	*11.60*	
		For >20 To 40, Add	*6.43*	
		For >75 To 100, Deduct	*-3.21*	
		For >100 To 200, Deduct	*-7.05*	
		For >200, Deduct	*-10.27*	
07 54 19 00-0017	EA	Up To 3" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	78.89	10.64
07 54 19 00-0018	EA	>3" To 7" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	110.26	11.89
07 54 19 00-0019	EA	>7" To 12" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	140.70	13.14
07 54 19 00-0020	EA	6" Diameter, Prefabricated Polyvinyl Chloride (PVC) Penetration Pocket Note: Includes attaching the pocket to the membrane, sealing around the penetration and filling the pocket with pourable sealer.	178.42	13.14
07 54 19 00-0021	LF	36" Wide, Polyvinyl Chloride (PVC) Walkway Protection Pad	32.21	7.26
07 54 19 00-0022	SF	Polyvinyl Chloride (PVC) Membrane Base Flashing	8.49	1.87
07 54 19 00-0023	SF	Polyvinyl Chloride (PVC) Membrane Curb Flashing	10.36	2.82
07 54 19 00-0024	SF	Polyvinyl Chloride (PVC) Clad Edge Metal Or Base Flashing Note: 20 Mil polyvinyl chloride (PVC) membrane laminated to 24 gauge galvanized steel.	11.37	1.87
07 54 19 00-0025		**Reinforced Polyvinyl Chloride (RPVC) Roofing Membranes (Sika Sarnafil® EnergySmart Roof® Membranes)** *(07 54 19)*		
07 54 19 00-0026		**Reinforced Polyvinyl Chloride (RPVC) Roofing Membranes (Sika Sarnafil® EnergySmart Roof® Membranes)** *(07 54 19 00-0025)* Note: Includes integral fiberglass mat reinforcement and hot air welding of seams. Sarnafil® G410 fully adhered membranes meet or exceed all of the requirements of ASTM D4434 Type II. Sarnafil® S327 mechanically attached membranes meet or exceed all of the requirements of ASTM D4434 Type III.		
07 54 19 00-0027	SQ	48 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane (Sika Sarnafil® EnergySmart Roof® Membranes), Fully Adhered Note: Includes adhesive.	544.58	100.13
		For Up To 10, Add	*148.97*	
		For >10 To 20, Add	*84.50*	
		For >20 To 40, Add	*47.26*	
		For >75 To 100, Deduct	*-23.63*	
		For >100 To 200, Deduct	*-52.26*	
		For >200, Deduct	*-75.89*	
		For 15 Year Warranty, Add	*3.75*	
		For 20 Year Warranty, Add	*13.14*	
		For 25 Year Warranty, Add	*24.40*	
		For Integral Felt Backing, Add	*65.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 54 19 00-0028	SQ	60 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane (Sika Sarnafil® EnergySmart Roof® Membranes), Fully Adhered	584.72	103.26
		Note: Includes adhesive.		
		For Up To 10, Add	*158.25*	
		For >10 To 20, Add	*89.45*	
		For >20 To 40, Add	*49.89*	
		For >75 To 100, Deduct	*-24.94*	
		For >100 To 200, Deduct	*-55.05*	
		For >200, Deduct	*-79.99*	
		For 15 Year Warranty, Add	*3.75*	
		For 20 Year Warranty, Add	*13.14*	
		For 25 Year Warranty, Add	*24.40*	
		For Integral Felt Backing, Add	*65.68*	
07 54 19 00-0029	SQ	72 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane (Sika Sarnafil® EnergySmart Roof® Membranes), Fully Adhered	623.87	104.82
		Note: Includes adhesive.		
		For Up To 10, Add	*166.70*	
		For >10 To 20, Add	*93.83*	
		For >20 To 40, Add	*52.16*	
		For >75 To 100, Deduct	*-26.08*	
		For >100 To 200, Deduct	*-57.40*	
		For >200, Deduct	*-83.48*	
		For 15 Year Warranty, Add	*3.75*	
		For 20 Year Warranty, Add	*13.14*	
		For 25 Year Warranty, Add	*24.40*	
		For Integral Felt Backing, Add	*65.68*	
07 54 19 00-0030	SQ	80 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane (Sika Sarnafil® EnergySmart Roof® Membranes), Fully Adhered	665.14	106.38
		Note: Includes adhesive.		
		For Up To 10, Add	*175.58*	
		For >10 To 20, Add	*98.43*	
		For >20 To 40, Add	*54.54*	
		For >75 To 100, Deduct	*-27.27*	
		For >100 To 200, Deduct	*-59.85*	
		For >200, Deduct	*-87.12*	
		For 15 Year Warranty, Add	*3.75*	
		For 20 Year Warranty, Add	*13.14*	
		For 25 Year Warranty, Add	*24.40*	
		For Integral Felt Backing, Add	*65.68*	
07 54 19 00-0031	SQ	48 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane (Sika Sarnafil® EnergySmart Roof® Membranes), Mechanically Fastened	440.41	75.10
		Note: Includes fasteners and plates for mechanically fastening to wood or steel decks.		
		For Up To 10, Add	*118.12*	
		For >10 To 20, Add	*66.57*	
		For >20 To 40, Add	*37.04*	
		For >75 To 100, Deduct	*-18.52*	
		For >100 To 200, Deduct	*-40.79*	
		For >200, Deduct	*-59.31*	
		For Mechanically Fastened To Concrete Decks, Add	*37.55*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*38.87*	
		For 15 Year Warranty, Add	*3.75*	
		For 20 Year Warranty, Add	*13.14*	
		For 25 Year Warranty, Add	*24.40*	
		For Integral Felt Backing, Add	*65.68*	
		For Mechanically Fastened With Sarnabar, Add	*38.57*	
07 54 19 00-0032	SQ	60 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane (Sika Sarnafil® EnergySmart Roof® Membranes), Mechanically Fastened	480.57	78.22
		Note: Includes fasteners and plates for mechanically fastening to wood or steel decks.		
		For Up To 10, Add	*127.40*	
		For >10 To 20, Add	*71.52*	
		For >20 To 40, Add	*39.67*	
		For >75 To 100, Deduct	*-19.84*	
		For >100 To 200, Deduct	*-43.58*	
		For >200, Deduct	*-63.42*	
		For Mechanically Fastened To Concrete Decks, Add	*39.11*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*40.43*	
		For 15 Year Warranty, Add	*3.75*	
		For 20 Year Warranty, Add	*13.14*	
		For 25 Year Warranty, Add	*24.40*	
		For Integral Felt Backing, Add	*65.68*	
		For Mechanically Fastened With Sarnabar, Add	*38.57*	
07 54 19 00-0033	SQ	72 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane (Sika Sarnafil® EnergySmart Roof® Membranes), Mechanically Fastened	519.71	79.79
		Note: Includes fasteners and plates for mechanically fastening to wood or steel decks.		
		For Up To 10, Add	*135.86*	
		For >10 To 20, Add	*75.91*	
		For >20 To 40, Add	*41.94*	
		For >75 To 100, Deduct	*-20.97*	
		For >100 To 200, Deduct	*-45.93*	
		For >200, Deduct	*-66.90*	
		For Mechanically Fastened To Concrete Decks, Add	*39.90*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*41.22*	
		For 15 Year Warranty, Add	*3.75*	
		For 20 Year Warranty, Add	*13.14*	
		For 25 Year Warranty, Add	*24.40*	
		For Integral Felt Backing, Add	*65.68*	
		For Mechanically Fastened With Sarnabar, Add	*38.57*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 54 19 00-0034	SQ	80 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane (Sika Sarnafil® EnergySmart Roof® Membranes), Mechanically Fastened	560.97	81.35
		Note: Includes fasteners and plates for mechanically fastening to wood or steel decks.		
		For Up To 10, Add	*144.74*	
		For >10 To 20, Add	*80.50*	
		For >20 To 40, Add	*44.32*	
		For >75 To 100, Deduct	*-22.16*	
		For >100 To 200, Deduct	*-48.39*	
		For >200, Deduct	*-70.55*	
		For Mechanically Fastened To Concrete Decks, Add	*40.68*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*42.00*	
		For 15 Year Warranty, Add	*3.75*	
		For 20 Year Warranty, Add	*13.14*	
		For 25 Year Warranty, Add	*24.40*	
		For Integral Felt Backing, Add	*65.68*	
		For Mechanically Fastened With Sarnabar, Add	*38.57*	

07 54 19 00-0035 Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane Accessories (Sika Sarnafil® EnergySmart Roof® Membranes) *(07 54 19 00-0025)*

07 54 19 00-0036	LF	3/4" Wide Multi-Purpose Tape (Sika Sarnafil®)	1.26	
07 54 19 00-0037	LF	Roofing Membrane Aluminum Termination Bar (Sika Sarnafil® Sarnastop)	5.76	1.80
		Note: Includes fasteners and caulking.		
07 54 19 00-0038	EA	4-1/2" Diameter, Polyvinyl Chloride (PVC) Membrane Prefabricated Patch (Sika Sarnafil® Sarnacircles)	5.95	1.56
07 54 19 00-0039	LF	8" Polyvinyl Chloride (PVC) Membrane Cover Strip (Sika Sarnafil® Coverstrip)	6.52	1.56
		Note: Includes aluminum tape.		
07 54 19 00-0040	LF	12" Polyvinyl Chloride (PVC) Membrane Cover Strip (Sika Sarnafil® Coverstrip)	6.52	1.56
		Note: Includes aluminum tape.		
07 54 19 00-0041	LF	Surface Mount Vertical Termination Bar (Sika Sarnafil® Sarnareglet)	8.72	2.00
		Note: Includes fasteners, splice plates and caulking.		
07 54 19 00-0042	SF	Polyvinyl Chloride (PVC) Membrane Flashing (Sika Sarnafil® G459)	9.12	1.87
07 54 19 00-0043	SF	Polyvinyl Chloride (PVC) Membrane Flashing (Sika Sarnafil® Detail Membrane)	10.98	2.82
07 54 19 00-0044	SF	Polyvinyl Chloride (PVC) Clad Edge Metal Or Base Flashing (Sika Sarnafil® Sarnaclad)	13.14	1.87
		Note: 20 Mil white polyvinyl chloride (PVC) membrane laminated to 24 gauge galvanized steel.		
		For Colored PVC, Add	*1.36*	
07 54 19 00-0045	LF	39" Wide, 96 Mil, Polyester Reinforced, Polyvinyl Chloride (PVC) Walkway Protection Pad (Sika Sarnafil® Sarnatred -V)	35.36	7.26
07 54 19 00-0046	EA	Up To 3" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot (Sika Sarnafil® Sarnastack)	94.35	10.64
		Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		
07 54 19 00-0047	EA	>3" To 5" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot (Sika Sarnafil® Sarnastack)	96.86	11.89
		Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		
07 54 19 00-0048	EA	>5" To 7" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot (Sika Sarnafil® Sarnastack)	99.37	13.14
		Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		
07 54 19 00-0049	EA	6" Diameter, Seamless Heavy-Duty Aluminum Roof Drain (Sika Sarnafil® Sarnadrain With U-Flow®)	1,340.79	220.18
07 54 19 00-0050	EA	Inside Corner, Prefabricated Polyvinyl Chloride (PVC) Membrane Flashing (Sika Sarnafil® Sarnacorners - Inside)	27.48	
07 54 19 00-0051	EA	Outside Corner, Prefabricated Polyvinyl Chloride (PVC) Membrane Flashing (Sika Sarnafil® Sarnacorners - Outside)	27.48	
07 54 19 00-0052	SQ	9 OZ/SY, Protective Polypropylene Fabric Separation Layer (Sika Sarnafil® Sarnafelt NWP), Loose Laid	65.49	
07 54 19 00-0053	SQ	11 OZ/SY, Protective Polypropylene Fabric Separation Layer (Sika Sarnafil® Sarnafelt), Loose Laid	102.44	
07 54 19 00-0054	SQ	10 Mil, Low Density Polyethylene, Vapor/Air Barrier Sheet (Sika Sarnafil® Sarnavap - 10), Loose Laid	57.12	
07 54 19 00-0055	SQ	32 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Vapor/Air Barrier Sheet (Sika Sarnafil® Sarnavap Self-Adhered), Self-Adhering	161.01	

07 54 19 00-0056 Snap-On Cover Fascia (Sika Sarnafil® Edge Grip) *(07 54 19 00-0025)*

07 54 19 00-0057 Aluminum Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip) *(07 54 19 00-0056)*

07 54 19 00-0058 Mill Finish, Aluminum Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip) *(07 54 19 00-0057)*

07 54 19 00-0059 Mill Finish, Aluminum Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip) *(07 54 19 00-0058)*

07 54 19 00-0060	LF	8.25" Face Height, Mill Finish, Aluminum Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip)	22.68	3.59

07 54 19 00-0061 Accessories For Mill Finish, Aluminum Snap-On Cover Fascia Systems *(07 54 19 00-0058)*

07 54 19 00-0062	EA	Fascia Overflow Scupper For 8.25" Face Height, Mill Finish, Aluminum Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip)	140.52	13.31
07 54 19 00-0063	EA	Fascia Spillout Scupper For 8.25" Face Height, Mill Finish, Aluminum Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip)	140.52	13.31
07 54 19 00-0064	EA	Fascia Downspout Scupper For 8.25" Face Height, Mill Finish, Aluminum Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip)	171.50	13.31
07 54 19 00-0065	EA	Inside/Outside Miter For 8.25" Face Height, Mill Finish, Aluminum Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip)	64.70	3.59

07 54 19 00-0066 KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip) *(07 54 19 00-0057)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 54 19 00-0067		KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip) *(07 54 19 00-0066)*		
07 54 19 00-0068	LF	8.25" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip)	26.26	3.59
07 54 19 00-0069		Accessories For KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems *(07 54 19 00-0066)*		
07 54 19 00-0070	EA	Fascia Overflow Scupper For 8.25" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip)	147.67	13.31
07 54 19 00-0071	EA	Fascia Spillout Scupper For 8.25" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip)	147.67	13.31
07 54 19 00-0072	EA	Fascia Downspout Scupper For 8.25" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip)	185.81	13.31
07 54 19 00-0073	EA	Inside/Outside Miter For 8.25" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip)	71.87	3.59
07 54 19 00-0074		Galvanized Steel Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip) *(07 54 19 00-0056)*		
07 54 19 00-0075		KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip) *(07 54 19 00-0074)*		
07 54 19 00-0076		KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip) *(07 54 19 00-0075)*		
07 54 19 00-0077	LF	8.25" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip)	23.51	3.59
07 54 19 00-0078		Accessories For KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip) *(07 54 19 00-0075)*		
07 54 19 00-0079	EA	Fascia Overflow Scupper For 8.25" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip)	142.17	13.31
07 54 19 00-0080	EA	Fascia Spillout Scupper For 8.25" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip)	142.17	13.31
07 54 19 00-0081	EA	Fascia Downspout Scupper For 8.25" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip)	174.81	13.31
07 54 19 00-0082	EA	Inside/Outside Miter For 8.25" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip)	66.35	3.59
07 54 23		**Thermoplastic-Polyolefin Roofing** *(07 54)*		
07 54 23 00-0001		Thermoplastic Polyolefin (TPO) Roofing Membranes *(07 54 23)* Note: Includes polyester fabric reinforcement and hot air welding of seams.		
07 54 23 00-0002	SQ	45 Mil, Single Ply Thermoplastic Polyolefin (TPO) Roofing Membrane, Fully Adhered Note: Includes adhesive.	473.69	100.13
		For Up To 10, Add	*134.79*	
		For >10 To 20, Add	*77.41*	
		For >20 To 40, Add	*43.71*	
		For >75 To 100, Deduct	*-21.86*	
		For >100 To 200, Deduct	*-48.72*	
		For >200, Deduct	*-70.57*	
		For 15 Year Warranty, Add	*3.00*	
		For Low VOC Adhesive, Add	*80.43*	
		For Integral Polyester Fleece-Backing, Add	*33.25*	
07 54 23 00-0003	SQ	50 Mil, Single Ply Thermoplastic Polyolefin (TPO) Roofing Membrane, Fully Adhered Note: Includes adhesive.	495.24	101.69
		For Up To 10, Add	*139.73*	
		For >10 To 20, Add	*80.03*	
		For >20 To 40, Add	*45.10*	
		For >75 To 100, Deduct	*-22.55*	
		For >100 To 200, Deduct	*-50.19*	
		For >200, Deduct	*-72.74*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Low VOC Adhesive, Add	*80.43*	
		For Integral Polyester Fleece-Backing, Add	*33.25*	
07 54 23 00-0004	SQ	60 Mil, Single Ply Thermoplastic Polyolefin (TPO) Roofing Membrane, Fully Adhered Note: Includes adhesive.	506.56	103.26
		For Up To 10, Add	*142.61*	
		For >10 To 20, Add	*81.63*	
		For >20 To 40, Add	*45.98*	
		For >75 To 100, Deduct	*-22.99*	
		For >100 To 200, Deduct	*-51.14*	
		For >200, Deduct	*-74.13*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Low VOC Adhesive, Add	*80.43*	
		For Integral Polyester Fleece-Backing, Add	*33.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 54 23 00-0005	SQ	80 Mil, Single Ply Thermoplastic Polyolefin (TPO) Roofing Membrane, Fully Adhered Note: Includes adhesive.	649.60	106.38
		For Up To 10, Add	*172.48*	
		For >10 To 20, Add	*96.88*	
		For >20 To 40, Add	*53.76*	
		For >75 To 100, Deduct	*-26.88*	
		For >100 To 200, Deduct	*-59.08*	
		For >200, Deduct	*-85.96*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Low VOC Adhesive, Add	*80.43*	
		For Integral Polyester Fleece-Backing, Add	*33.25*	
07 54 23 00-0006	SQ	45 Mil, Single Ply Thermoplastic Polyolefin (TPO) Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	316.81	75.10
		For Up To 10, Add	*93.40*	
		For >10 To 20, Add	*54.21*	
		For >20 To 40, Add	*30.86*	
		For >75 To 100, Deduct	*-15.43*	
		For >100 To 200, Deduct	*-34.61*	
		For >200, Deduct	*-50.04*	
		For 15 Year Warranty, Add	*3.00*	
		For Integral Polyester Fleece-Backing, Add	*33.25*	
		For Mechanically Fastened To Concrete Decks, Add	*37.55*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*38.87*	
07 54 23 00-0007	SQ	50 Mil, Single Ply Thermoplastic Polyolefin (TPO) Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	338.36	76.66
		For Up To 10, Add	*98.34*	
		For >10 To 20, Add	*56.83*	
		For >20 To 40, Add	*32.25*	
		For >75 To 100, Deduct	*-16.13*	
		For >100 To 200, Deduct	*-36.08*	
		For >200, Deduct	*-52.21*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Integral Polyester Fleece-Backing, Add	*33.25*	
		For Mechanically Fastened To Concrete Decks, Add	*38.33*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*39.65*	
07 54 23 00-0008	SQ	60 Mil, Single Ply Thermoplastic Polyolefin (TPO) Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	349.68	78.22
		For Up To 10, Add	*101.23*	
		For >10 To 20, Add	*58.44*	
		For >20 To 40, Add	*33.13*	
		For >75 To 100, Deduct	*-16.56*	
		For >100 To 200, Deduct	*-37.04*	
		For >200, Deduct	*-53.60*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Integral Polyester Fleece-Backing, Add	*33.25*	
		For Mechanically Fastened To Concrete Decks, Add	*39.11*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*40.43*	
07 54 23 00-0009	SQ	80 Mil, Single Ply Thermoplastic Polyolefin (TPO) Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	492.71	81.35
		For Up To 10, Add	*131.08*	
		For >10 To 20, Add	*73.68*	
		For >20 To 40, Add	*40.91*	
		For >75 To 100, Deduct	*-20.45*	
		For >100 To 200, Deduct	*-44.97*	
		For >200, Deduct	*-65.43*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Integral Polyester Fleece-Backing, Add	*33.25*	
		For Mechanically Fastened To Concrete Decks, Add	*40.68*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*42.00*	

07 54 23 00-0010 Thermoplastic Polyolefin (TPO) Roofing Membrane Accessories *(07 54 23)*

07 54 23 00-0011	SQ	Acrylic, Thermoplastic Polyolefin (TPO) Roofing Primer, Price Per Coat	89.93	
		For Up To 10, Add	*22.99*	
		For >10 To 20, Add	*12.75*	
		For >20 To 40, Add	*7.00*	
		For >75 To 100, Deduct	*-3.50*	
		For >100 To 200, Deduct	*-7.63*	
		For >200, Deduct	*-11.13*	
07 54 23 00-0012	SQ	Acrylic Elastomeric, Surface Or Base Coating For Thermoplastic Polyolefin (TPO) Roofing, Price Per Coat Note: 55% solids by volume.	78.47	
		For Up To 10, Add	*20.70*	
		For >10 To 20, Add	*11.60*	
		For >20 To 40, Add	*6.43*	
		For >75 To 100, Deduct	*-3.21*	
		For >100 To 200, Deduct	*-7.05*	
		For >200, Deduct	*-10.27*	
		For Tan Or Gray Color, Add	*2.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 54 23 00-0013	EA	Up To 3" Pipe Diameter, Prefabricated Thermoplastic Polyolefin (TPO) Pipe Cone/Boot Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	68.19	10.64
07 54 23 00-0014	EA	>3" To 8" Pipe Diameter, Prefabricated Thermoplastic Polyolefin (TPO) Pipe Cone/Boot Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	73.68	11.89
07 54 23 00-0015	EA	6" Diameter, Prefabricated Thermoplastic Polyolefin (TPO) Penetration Pocket Note: Includes attaching the pocket to the membrane, sealing around the penetration and filling the pocket with pourable sealer.	133.89	13.14
07 54 23 00-0016	LF	30" Wide, Thermoplastic Polyolefin (TPO) Walkway Protection Pad	31.82	7.26
07 54 23 00-0017	SF	Thermoplastic Polyolefin (TPO) Membrane Base Flashing	8.86	1.87
07 54 23 00-0018	SF	Thermoplastic Polyolefin (TPO) Curb Flashing	7.83	1.87
		For Tan Or Gray Color, Add	*0.11*	
07 54 23 00-0019	SF	Thermoplastic Polyolefin (TPO) Clad Edge Metal Or Base Flashing Note: 20 Mil TPO membrane laminated to 24 gauge galvanized steel.	12.84	1.87

07 55 Protected Membrane Roofing *(07 50)*

07 55 52 Modified Bituminous Protected Membrane Roofing *(07 55)*

07 55 52 13 Atactic-Polypropylene Modified Bituminous Protected Membrane Roofing *(07 55 52)*

See CSI section 07 22 16 00-0000 for roof board insulation, 07 51 13 00-0039 for gravel roof ballast, 07 52 13 00-0000 for atactic-polypropylene modified bituminous membrane roofing.

07 55 52 16 Styrene-Butadiene-Styrene Modified Bituminous Protected Membrane Roofing *(07 55 52)*

See CSI section 07 22 16 00-0000 for roof board insulation, 07 51 13 00-0039 for gravel roof ballast, 07 52 16 00-0000 for styrene-butadiene-styrene modified bituminous membrane roofing.

07 56 Fluid-Applied Roofing *(07 50)*

07 56 00 00-0001 Neoprene Hypalon Liquid Roofing, 5 Coats *(07 56)*

07 56 00 00-0002	SQ	60 Mil 5 Coat Spray-on Neoprene Hypalon Liquid Roofing	1,152.13	166.84
		For Each Additional Coat, Add	*172.82*	

07 56 00 00-0003 Vinyl Spray Liquid Roofing *(07 56)*

07 56 00 00-0004	SQ	2 Mil Vinyl Liquid Roofing	1,430.44	175.83
07 56 00 00-0005	SQ	4 Mil Vinyl Liquid Roofing	1,600.80	196.36

07 56 00 00-0006 Silicone Elastomeric Liquid Roofing *(07 56)*

07 56 00 00-0007	SQ	65% Solids, Silicone Elastomeric Spray-on Roofing, 3 Coats, 16 Mil Per Coat	473.81	100.75
07 56 00 00-0008	SQ	65% Solids, Silicone Elastomeric Rolled-on Roofing, 3 Coats, 16 Mil Per Coat	571.46	100.75
07 56 00 00-0009	SQ	65% Solids, Silicone Elastomeric Brushed-on Roofing, 3 Coats, 16 Mil Per Coat	644.90	100.75

07 56 00 00-0010 High Tensile Elastomeric Roof Coating *(07 56)*

07 56 00 00-0011	SQ	Up To 45 SQ, High Tensile Elastomeric Roof Coating (Roof Mate HT) Note: Includes 20 year warranty	122.10	
07 56 00 00-0012	SQ	> 45 To 100 SQ, High Tensile Elastomeric Roof Coating (Roof Mate HT) Note: Includes 20 year warranty	112.70	
07 56 00 00-0013	SQ	> 100 To 500 SQ, High Tensile Elastomeric Roof Coating (Roof Mate HT) Note: Includes 20 year warranty	101.64	
07 56 00 00-0014	SQ	> 500 SQ, High Tensile Elastomeric Roof Coating (Roof Mate HT) Note: Includes 20 year warranty	90.99	

07 56 00 00-0015 Elastomeric Asphalt/Urethane Liquid Roofing Membrane *(07 56)*

07 56 00 00-0016	SQ	90 Mil, Elastomeric Asphalt/Urethane Liquid Roofing Membrane Note: Includes applying a 30 mil base coat, rolling in a stichbonded polyester reinforcing scrim and applying a 60 mil second coat.	1,844.05	100.75

07 56 00 00-0017 Urethane Liquid Roofing Membrane *(07 56)*

Note: Garland White Knight Energy Star single component urethane restoration system. 10 year warranty. Used for restoration of membrane, built up, metal and modified roofing systems.

07 56 00 00-0018	SQ	Ulti-Mat™ 38" Non-Woven Fiberglass Reinforcing Membrane For White-Knight Systems	101.52	
07 56 00 00-0019	LF	Ulti-Mat™ 6" Non-Woven Fiberglass Reinforcing Membrane For White-Knight Systems	5.90	
07 56 00 00-0020	SQ	White-Knight® Premium Multi-Purpose Urethane Restoration Reflective Coating For Metal, Membrane, BUR, Single-Ply (2 GAL/SQ)	386.87	
07 56 00 00-0021	SQ	White-Knight® Metal Primer One Component Metal Primer For Placement Under The White-Knight System	100.45	
07 56 00 00-0022	SQ	White-Knight® Plus High Strength, Multi-Purpose Urethane Restoration Coating For Metal, Membrane, BUR, Single-Ply	951.44	
07 56 00 00-0023	SQ	White-Knight® Plus Base Coat High Strength, Multi-Purpose Urethane Restoration Coating For Metal, Membrane, BUR, Single-Ply	1,436.64	
07 56 00 00-0024	SQ	White-Knight® Plus WC High Strength, Multi-Purpose, VOC Compliant, Urethane Restoration Coating For Metal, Membrane, BUR, Single-Ply	984.24	
07 56 00 00-0025	SQ	White-Star Premium, White Polyurea Restoration Adhesive For Mineral And Smooth Modified And BUR (2 GAL/SQ)	255.43	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

07 57 Coated Foamed Roofing *(07 50)*

07 57 13 Sprayed Polyurethane Foam Roofing *(07 57)*

Note: Includes power washing. Excludes ballast removal and priming metal surfaces. Excludes walkways.

07 57 13 00-0001 Sprayed Polyurethane Foam Roofing Systems *(07 57 13)*

07 57 13 00-0002 Sprayed Polyurethane Foam Roofing Systems With Acrylic Elastomeric Coating *(07 57 13 00-0001)*

07 57 13 00-0003 Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating *(07 57 13 00-0002)*

Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with acrylic elastomeric coating. Includes 5 year warranty.

07 57 13 00-0004	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating		419.77	62.11
07 57 13 00-0005	SQ	1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating		504.04	66.55
07 57 13 00-0006	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating		588.32	70.99
07 57 13 00-0007	SQ	2-1/2" Thick, R16.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating		680.99	75.42
07 57 13 00-0008	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating		773.66	79.85
07 57 13 00-0009	SQ	3-1/2" Thick, R22.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating		849.54	84.29
07 57 13 00-0010	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating		925.41	88.73
07 57 13 00-0011	SQ	4-1/2" Thick, R29.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating		1,009.68	93.16
07 57 13 00-0012	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating		1,093.96	97.60
07 57 13 00-0013	SQ	5-1/2" Thick, R35.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating		1,178.23	102.04
07 57 13 00-0014	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating		1,262.50	106.47

07 57 13 00-0015 Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating *(07 57 13 00-0002)*

Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with acrylic elastomeric coating. Includes 10 year warranty.

07 57 13 00-0016	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating		432.84	62.11
07 57 13 00-0017	SQ	1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating		517.12	66.55
07 57 13 00-0018	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating		601.39	70.99
07 57 13 00-0019	SQ	2-1/2" Thick, R16.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating		685.65	75.42
07 57 13 00-0020	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating		769.93	79.85
07 57 13 00-0021	SQ	3-1/2" Thick, R22.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating		854.21	84.29
07 57 13 00-0022	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating		938.48	88.73
07 57 13 00-0023	SQ	4-1/2" Thick, R29.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating		1,022.75	93.16
07 57 13 00-0024	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating		1,107.03	97.60
07 57 13 00-0025	SQ	5-1/2" Thick, R35.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating		1,191.31	102.04
07 57 13 00-0026	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating		1,275.57	106.47

07 57 13 00-0027 Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating *(07 57 13 00-0002)*

Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with acrylic elastomeric coating. Includes 15 year warranty.

07 57 13 00-0028	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating		464.59	62.11
07 57 13 00-0029	SQ	1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating		546.06	66.55
07 57 13 00-0030	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating		627.53	70.99
07 57 13 00-0031	SQ	2-1/2" Thick, R16.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating		711.80	75.42
07 57 13 00-0032	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating		796.08	79.85
07 57 13 00-0033	SQ	3-1/2" Thick, R22.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating		915.27	84.29

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 57 13 00-0034	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	1,034.47	88.73
07 57 13 00-0035	SQ	4-1/2" Thick, R29.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	1,125.84	93.16
07 57 13 00-0036	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	1,217.21	97.60
07 57 13 00-0037	SQ	5-1/2" Thick, R35.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	1,308.58	102.04
07 57 13 00-0038	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	1,399.95	106.47

07 57 13 00-0039 Sprayed Polyurethane Foam Roofing Systems With Silicone Elastomeric Coating *(07 57 13 00-0001)*

07 57 13 00-0040 Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating *(07 57 13 00-0039)*

Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with 65% solids silicone elastomeric coating. Includes 5 year warranty.

07 57 13 00-0041	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	473.93	62.11
07 57 13 00-0042	SQ	1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	565.30	66.55
07 57 13 00-0043	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	656.67	70.99
07 57 13 00-0044	SQ	2-1/2" Thick, R16.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	748.03	75.42
07 57 13 00-0045	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	839.40	79.85
07 57 13 00-0046	SQ	3-1/2" Thick, R22.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	930.77	84.29
07 57 13 00-0047	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	1,022.14	88.73
07 57 13 00-0048	SQ	4-1/2" Thick, R29.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	1,113.52	93.16
07 57 13 00-0049	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	1,204.89	97.60
07 57 13 00-0050	SQ	5-1/2" Thick, R35.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	1,296.26	102.04
07 57 13 00-0051	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	1,387.62	106.47

07 57 13 00-0052 Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating *(07 57 13 00-0039)*

Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with 65% solids silicone elastomeric coating. Includes 10 year warranty.

07 57 13 00-0053	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	492.41	62.11
07 57 13 00-0054	SQ	1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	583.78	66.55
07 57 13 00-0055	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	675.16	70.99
07 57 13 00-0056	SQ	2-1/2" Thick, R16.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	766.52	75.42
07 57 13 00-0057	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	857.89	79.85
07 57 13 00-0058	SQ	3-1/2" Thick, R22.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	949.26	84.29
07 57 13 00-0059	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	1,040.63	88.73
07 57 13 00-0060	SQ	4-1/2" Thick, R29.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	1,132.00	93.16
07 57 13 00-0061	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	1,223.38	97.60
07 57 13 00-0062	SQ	5-1/2" Thick, R35.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	1,314.75	102.04
07 57 13 00-0063	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	1,406.11	106.47

07 57 13 00-0064 Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating *(07 57 13 00-0039)*

Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with 65% solids silicone elastomeric coating. Includes 15 year warranty.

07 57 13 00-0065	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	506.79	62.11
07 57 13 00-0066	SQ	1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	598.16	66.55
07 57 13 00-0067	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	689.54	70.99
07 57 13 00-0068	SQ	2-1/2" Thick, R16.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	780.90	75.42

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 57 13 00-0069		SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	872.27	79.85
07 57 13 00-0070		SQ	3-1/2" Thick, R22.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	963.64	84.29
07 57 13 00-0071		SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	1,055.01	88.73
07 57 13 00-0072		SQ	4-1/2" Thick, R29.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	1,146.38	93.16
07 57 13 00-0073		SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	1,237.76	97.60
07 57 13 00-0074		SQ	5-1/2" Thick, R35.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	1,329.13	102.04
07 57 13 00-0075		SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	1,420.49	106.47

07 58 Roll Roofing *(07 50)*

07 58 00 00-0001 Prepared Roll Roofing *(07 58)*

Note: Fastened with roofing nails and roofing cement. Includes fasteners and adhesive. Excludes warranty. See CSI section 07 51 13 00-0033 for underlayment.

07 58 00 00-0002		SQ	Granule Surfaced, 90 Lb., Asphalt Saturated Organic Felt Roll Roofing	266.59	39.73

07 59 Membrane Roofing Termination Bar *(07 50)*

07 59 00 00-0001 Membrane Roofing Termination Bar *(07 59)*

07 59 00 00-0002		LF	Membrane Roofing Termination Bar Note: Includes fasteners and caulking.	5.50	1.80

07 60 Flashing and Sheet Metal *(07)*

07 61 Sheet Metal Roofing *(07 60)*

07 61 13 Standing Seam Sheet Metal Roofing *(07 61)*

07 61 13 00-0001 Standing Seam Concealed Fastener Roofing *(07 61 13)*

07 61 13 00-0002 Copper Standing Seam Concealed Fastener Roofing *(07 61 13 00-0001)*

07 61 13 00-0003		SF	Architectural 16 Ounce Copper Standing Seam Concealed Fastener Roofing	37.53	3.63
			For Steep Roof, Over 6 To 12, Add	*2.18*	
			For 140 MPH Wind Load, Add	*1.33*	
			For Panels <16" Wide, Add	*3.22*	
			For Up To 1,500, Add	*9.38*	
			For >1,500 To 5,000, Add	*5.63*	
			For >5,000 To 10,000, Add	*0.94*	
07 61 13 00-0004		SF	Architectural 18 Ounce Copper Standing Seam Concealed Fastener Roofing	41.09	3.94
			For Steep Roof, Over 6 To 12, Add	*2.36*	
			For 140 MPH Wind Load, Add	*1.45*	
			For Panels <16" Wide, Add	*3.51*	
			For Up To 1,500, Add	*10.27*	
			For >1,500 To 5,000, Add	*6.16*	
			For >5,000 To 10,000, Add	*1.03*	
07 61 13 00-0005		SF	Architectural 20 Ounce Copper Standing Seam Concealed Fastener Roofing	48.45	4.29
			For Steep Roof, Over 6 To 12, Add	*2.57*	
			For 140 MPH Wind Load, Add	*1.65*	
			For Panels <16" Wide, Add	*4.01*	
			For Up To 1,500, Add	*12.11*	
			For >1,500 To 5,000, Add	*7.27*	
			For >5,000 To 10,000, Add	*1.21*	

07 61 13 00-0006 Zinc/Copper Standing Seam Concealed Fastener Roofing *(07 61 13 00-0001)*

07 61 13 00-0007		SF	0.020" Thick, Zinc/Copper Standing Seam Concealed Fastener Roofing	43.90	3.94
			For Steep Roof, Over 6 To 12, Add	*2.36*	
			For 140 MPH Wind Load, Add	*1.51*	
			For Panels <16" Wide, Add	*3.65*	
			For Up To 1,500, Add	*10.98*	
			For >1,500 To 5,000, Add	*6.59*	
			For >5,000 To 10,000, Add	*1.10*	
			For Tin/Copper, Deduct	*-0.72*	
07 61 13 00-0008		SF	0.027" Thick, Zinc/Copper Standing Seam Concealed Fastener Roofing	53.25	4.10
			For Steep Roof, Over 6 To 12, Add	*2.46*	
			For 140 MPH Wind Load, Add	*1.72*	
			For Panels <16" Wide, Add	*4.18*	
			For Up To 1,500, Add	*13.31*	
			For >1,500 To 5,000, Add	*7.99*	
			For >5,000 To 10,000, Add	*1.33*	
			For Tin/Copper, Deduct	*-0.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 61 13 00-0009	SF	0.032" Thick, Zinc/Copper Standing Seam Concealed Fastener Roofing	60.56	4.29
		For Steep Roof, Over 6 To 12, Add	*2.57*	
		For 140 MPH Wind Load, Add	*1.90*	
		For Panels <16" Wide, Add	*4.61*	
		For Up To 1,500, Add	*15.14*	
		For >1,500 To 5,000, Add	*9.08*	
		For >5,000 To 10,000, Add	*1.51*	
		For Tin/Copper, Deduct	*-1.04*	
07 61 13 00-0010	SF	0.040" Thick, Zinc/Copper Standing Seam Concealed Fastener Roofing	76.03	4.50
		For Steep Roof, Over 6 To 12, Add	*2.69*	
		For 140 MPH Wind Load, Add	*2.24*	
		For Panels <16" Wide, Add	*5.46*	
		For Up To 1,500, Add	*19.01*	
		For >1,500 To 5,000, Add	*11.40*	
		For >5,000 To 10,000, Add	*1.90*	
		For Tin/Copper, Deduct	*-1.34*	

07 61 13 00-0011 Accessories For Copper Standing Seam Concealed Fastener Roofing *(07 61 13 00-0001)*

07 61 13 00-0012	LF	Ridge Flashing For Copper Standing Seam Concealed Fastener Roofing	158.19	7.50
		For Steep Roof, Over 6 To 12, Add	*5.62*	
		For 140 MPH Wind Load, Add	*4.66*	
07 61 13 00-0013	LF	Eave Flashing For Copper Standing Seam Concealed Fastener Roofing	90.66	7.50
		For Steep Roof, Over 6 To 12, Add	*5.62*	
		For 140 MPH Wind Load, Add	*3.31*	
07 61 13 00-0014	LF	Valley Flashing For Copper Standing Seam Concealed Fastener Roofing	222.04	7.50
		For Steep Roof, Over 6 To 12, Add	*5.62*	
		For 140 MPH Wind Load, Add	*5.94*	
07 61 13 00-0015	LF	Hip Flashing For Copper Standing Seam Concealed Fastener Roofing	163.23	7.50
		For Steep Roof, Over 6 To 12, Add	*5.62*	
		For 140 MPH Wind Load, Add	*4.76*	

07 61 16 Batten Seam Sheet Metal Roofing *(07 61)*

07 61 16 00-0001 Copper Batten Seam Concealed Fastener Roofing *(07 61 16)*

07 61 16 00-0002 Copper Batten Seam Concealed Fastener Roofing *(07 61 16 00-0001)*

07 61 16 00-0003	SF	16 Ounce Copper Batten Seam Concealed Fastener Roofing	46.23	4.29
		For Steep Roof, Over 6 To 12, Add	*2.57*	
		For 140 MPH Wind Load, Add	*1.61*	
		For Panels <16" Wide, Add	*3.90*	
		For Up To 1,500, Add	*11.56*	
		For >1,500 To 5,000, Add	*6.93*	
		For >5,000 To 10,000, Add	*1.16*	
07 61 16 00-0004	SF	18 Ounce Copper Batten Seam Concealed Fastener Roofing	51.09	4.51
		For Steep Roof, Over 6 To 12, Add	*2.70*	
		For 140 MPH Wind Load, Add	*1.74*	
		For Panels <16" Wide, Add	*4.22*	
		For Up To 1,500, Add	*12.77*	
		For >1,500 To 5,000, Add	*7.66*	
		For >5,000 To 10,000, Add	*1.28*	
07 61 16 00-0005	SF	20 Ounce Copper Batten Seam Concealed Fastener Roofing	59.66	4.72
		For Steep Roof, Over 6 To 12, Add	*2.83*	
		For 140 MPH Wind Load, Add	*1.95*	
		For Panels <16" Wide, Add	*4.73*	
		For Up To 1,500, Add	*14.92*	
		For >1,500 To 5,000, Add	*8.95*	
		For >5,000 To 10,000, Add	*1.49*	

07 61 16 00-0006 Zinc/Copper Batten Seam Concealed Fastener Roofing *(07 61 16 00-0001)*

07 61 16 00-0007	SF	0.020" Thick, Zinc/Copper Batten Seam Concealed Fastener Roofing	47.00	3.94
		For Steep Roof, Over 6 To 12, Add	*2.36*	
		For 140 MPH Wind Load, Add	*1.57*	
		For Panels <16" Wide, Add	*3.80*	
		For Up To 1,500, Add	*11.75*	
		For >1,500 To 5,000, Add	*7.05*	
		For >5,000 To 10,000, Add	*1.18*	
		For Tin/Copper, Deduct	*-0.78*	
07 61 16 00-0008	SF	0.027" Thick, Zinc/Copper Batten Seam Concealed Fastener Roofing	57.69	4.10
		For Steep Roof, Over 6 To 12, Add	*2.46*	
		For 140 MPH Wind Load, Add	*1.81*	
		For Panels <16" Wide, Add	*4.40*	
		For Up To 1,500, Add	*14.42*	
		For >1,500 To 5,000, Add	*8.65*	
		For >5,000 To 10,000, Add	*1.44*	
		For Tin/Copper, Deduct	*-0.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 61 16 00-0009	SF	0.032" Thick, Zinc/Copper Batten Seam Concealed Fastener Roofing	64.69	4.29
		For Steep Roof, Over 6 To 12, Add	*2.57*	
		For 140 MPH Wind Load, Add	*1.98*	
		For Panels <16" Wide, Add	*4.82*	
		For Up To 1,500, Add	*16.17*	
		For >1,500 To 5,000, Add	*9.70*	
		For >5,000 To 10,000, Add	*1.62*	
		For Tin/Copper, Deduct	*-1.12*	
07 61 16 00-0010	SF	0.040" Thick, Zinc/Copper Batten Seam Concealed Fastener Roofing	81.35	4.50
		For Steep Roof, Over 6 To 12, Add	*2.69*	
		For 140 MPH Wind Load, Add	*2.35*	
		For Panels <16" Wide, Add	*5.73*	
		For Up To 1,500, Add	*20.34*	
		For >1,500 To 5,000, Add	*12.20*	
		For >5,000 To 10,000, Add	*2.03*	
		For Tin/Copper, Deduct	*-1.45*	

07 61 19 Flat Seam Sheet Metal Roofing *(07 61)*

07 61 19 00-0001 Copper Flat Seam Concealed Fastener Roofing *(07 61 19)*

07 61 19 00-0002 Copper Flat Seam Concealed Fastener Roofing *(07 61 19 00-0001)*

07 61 19 00-0003	SF	16 Ounce Copper Flat Seam Concealed Fastener Roofing	35.63	3.94
		For Steep Roof, Over 6 To 12, Add	*2.36*	
		For 140 MPH Wind Load, Add	*1.34*	
		For Panels <16" Wide, Add	*3.24*	
		For Up To 1,500, Add	*8.91*	
		For >1,500 To 5,000, Add	*5.34*	
		For >5,000 To 10,000, Add	*0.89*	
07 61 19 00-0004	SF	18 Ounce Copper Flat Seam Concealed Fastener Roofing	39.23	4.10
		For Steep Roof, Over 6 To 12, Add	*2.46*	
		For 140 MPH Wind Load, Add	*1.44*	
		For Panels <16" Wide, Add	*3.48*	
		For Up To 1,500, Add	*9.81*	
		For >1,500 To 5,000, Add	*5.88*	
		For >5,000 To 10,000, Add	*0.98*	
07 61 19 00-0005	SF	20 Ounce Copper Flat Seam Concealed Fastener Roofing	45.49	4.29
		For Steep Roof, Over 6 To 12, Add	*2.57*	
		For 140 MPH Wind Load, Add	*1.60*	
		For Panels <16" Wide, Add	*3.86*	
		For Up To 1,500, Add	*11.37*	
		For >1,500 To 5,000, Add	*6.82*	
		For >5,000 To 10,000, Add	*1.14*	

07 61 19 00-0006 Zinc/Copper Flat Seam Concealed Fastener Roofing *(07 61 19 00-0001)*

07 61 19 00-0007	SF	0.020" Thick, Zinc/Copper Flat Seam Concealed Fastener Roofing	41.09	3.94
		For Steep Roof, Over 6 To 12, Add	*2.36*	
		For 140 MPH Wind Load, Add	*1.45*	
		For Panels <16" Wide, Add	*3.51*	
		For Up To 1,500, Add	*10.27*	
		For >1,500 To 5,000, Add	*6.16*	
		For >5,000 To 10,000, Add	*1.03*	
		For Tin/Copper, Deduct	*-0.66*	
07 61 19 00-0008	SF	0.027" Thick, Zinc/Copper Flat Seam Concealed Fastener Roofing	50.30	4.10
		For Steep Roof, Over 6 To 12, Add	*2.46*	
		For 140 MPH Wind Load, Add	*1.66*	
		For Panels <16" Wide, Add	*4.03*	
		For Up To 1,500, Add	*12.58*	
		For >1,500 To 5,000, Add	*7.55*	
		For >5,000 To 10,000, Add	*1.26*	
		For Tin/Copper, Deduct	*-0.84*	
07 61 19 00-0009	SF	0.032" Thick, Zinc/Copper Flat Seam Concealed Fastener Roofing	56.57	4.29
		For Steep Roof, Over 6 To 12, Add	*2.57*	
		For 140 MPH Wind Load, Add	*1.82*	
		For Panels <16" Wide, Add	*4.41*	
		For Up To 1,500, Add	*14.14*	
		For >1,500 To 5,000, Add	*8.49*	
		For >5,000 To 10,000, Add	*1.41*	
		For Tin/Copper, Deduct	*-0.96*	
07 61 19 00-0010	SF	0.040" Thick, Zinc/Copper Flat Seam Concealed Fastener Roofing	71.01	4.50
		For Steep Roof, Over 6 To 12, Add	*2.69*	
		For 140 MPH Wind Load, Add	*2.14*	
		For Panels <16" Wide, Add	*5.21*	
		For Up To 1,500, Add	*17.75*	
		For >1,500 To 5,000, Add	*10.65*	
		For >5,000 To 10,000, Add	*1.78*	
		For Tin/Copper, Deduct	*-1.24*	

07 62 Sheet Metal Flashing and Trim *(07 60)*

07 62 13 Fabricated Copings *(07 62)*

07 62 13 00-0001 Lead Flashing And Trim *(07 62 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 62 13 00-0002	SF	2.5 Lb./SF, Sheet Lead Flashing	24.44	5.89
		For Up To 100, Add	*6.11*	
07 62 13 00-0003	SF	4 Lb./SF, Sheet Lead Flashing	31.97	5.89
		For Up To 100, Add	*7.99*	
07 62 13 00-0004		Copper Flashing And Trim *(07 62 13)*		
07 62 13 00-0005		Copper Flashing And Trim *(07 62 13 00-0004)*		
07 62 13 00-0006	SF	16 Ounce, 0.021" Thick, Copper Flashing And Trim	29.11	5.75
		For Up To 100, Add	*7.28*	
		For >500 To 2,000, Deduct	*-4.01*	
		For >2,000, Deduct	*-4.90*	
		For Copper Valley For Steep Slope Roofing, Over 7 To 12, Add	*2.28*	
		For Wrap Around Window Panning, Add	*11.38*	
07 62 13 00-0007	SF	20 Ounce, 0.027" Thick, Copper Flashing And Trim	30.07	5.89
		For Up To 100, Add	*7.52*	
		For >500 To 2,000, Deduct	*-4.15*	
		For >2,000, Deduct	*-5.06*	
		For Copper Valley For Steep Slope Roofing, Over 7 To 12, Add	*2.38*	
		For Wrap Around Window Panning, Add	*11.89*	
07 62 13 00-0008	SF	24 Ounce, 0.032" Thick, Copper Flashing And Trim	34.27	6.28
		For Up To 100, Add	*8.57*	
		For >500 To 2,000, Deduct	*-4.70*	
		For >2,000, Deduct	*-5.79*	
		For Copper Valley For Steep Slope Roofing, Over 7 To 12, Add	*2.49*	
		For Wrap Around Window Panning, Add	*12.46*	
07 62 13 00-0009	SF	32 Ounce, 0.043" Thick, Copper Flashing And Trim	42.16	6.54
		For Up To 100, Add	*10.54*	
		For >500 To 2,000, Deduct	*-5.74*	
		For >2,000, Deduct	*-7.20*	
		For Copper Valley For Steep Slope Roofing, Over 7 To 12, Add	*2.62*	
		For Wrap Around Window Panning, Add	*13.08*	
07 62 13 00-0010		Stainless Steel Flashing And Trim *(07 62 13)*		
07 62 13 00-0011		Stainless Steel Flashing And Trim *(07 62 13 00-0010)*		
07 62 13 00-0012	SF	32 Gauge, 0.010" Thick, Stainless Steel Flashing And Trim	11.25	3.14
		For Up To 100, Add	*2.81*	
		For Wrap Around Window Panning, Add	*8.08*	
		For Mechanically Keyed Flashing, Add	*1.27*	
07 62 13 00-0013	SF	30 Gauge, 0.0125" Thick, Stainless Steel Flashing And Trim	12.17	3.53
		For Up To 100, Add	*3.04*	
		For Wrap Around Window Panning, Add	*8.21*	
		For Mechanically Keyed Flashing, Add	*1.58*	
07 62 13 00-0014	SF	28 Gauge, 0.0156" Thick, Stainless Steel Flashing And Trim	13.09	3.92
		For Up To 100, Add	*3.27*	
		For Wrap Around Window Panning, Add	*8.34*	
		For Mechanically Keyed Flashing, Add	*1.90*	
07 62 13 00-0015	SF	26 Gauge, 0.0187" Thick, Stainless Steel Flashing And Trim	14.54	4.32
		For Up To 100, Add	*3.64*	
		For Wrap Around Window Panning, Add	*8.60*	
		For Mechanically Keyed Flashing, Add	*2.38*	
07 62 13 00-0016	SF	24 Gauge, 0.025" Thick, Stainless Steel Flashing And Trim	17.00	4.58
		For Up To 100, Add	*4.25*	
		For Wrap Around Window Panning, Add	*9.09*	
		For Mechanically Keyed Flashing, Add	*3.16*	
07 62 13 00-0017	SF	22 Gauge, 0.031" Thick, Stainless Steel Flashing And Trim	18.55	4.81
		For Up To 100, Add	*4.64*	
		For Wrap Around Window Panning, Add	*9.62*	
		For Mechanically Keyed Flashing, Add	*3.57*	
07 62 13 00-0018	SF	20 Gauge, 0.0375" Thick, Stainless Steel Flashing And Trim	19.86	5.10
		For Up To 100, Add	*4.97*	
		For Wrap Around Window Panning, Add	*10.18*	
		For Mechanically Keyed Flashing, Add	*3.87*	
07 62 13 00-0019		Aluminum Flashing And Trim *(07 62 13)*		
07 62 13 00-0020		Aluminum Flashing And Trim *(07 62 13 00-0019)*		
07 62 13 00-0021	SF	0.013" Thick, Mill Finish, Aluminum Flashing And Trim	13.32	4.05
		For Up To 100, Add	*3.33*	
		For Baked Aluminum Colors, Add	*0.43*	
		For Wrap Around Window Panning, Add	*9.02*	
07 62 13 00-0022	SF	0.016" Thick, Mill Finish, Aluminum Flashing And Trim	14.25	4.05
		For Up To 100, Add	*3.56*	
		For Baked Aluminum Colors, Add	*0.52*	
		For Wrap Around Window Panning, Add	*9.02*	
07 62 13 00-0023	SF	0.019" Thick, Mill Finish, Aluminum Flashing And Trim	15.00	4.05
		For Up To 100, Add	*3.75*	
		For Baked Aluminum Colors, Add	*0.60*	
		For Wrap Around Window Panning, Add	*9.02*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 62 13 00-0024	SF	0.024" Thick, Mill Finish, Aluminum Flashing And Trim	16.07	4.05
		For Up To 100, Add	*4.02*	
		For Baked Aluminum Colors, Add	*0.71*	
		For Wrap Around Window Panning, Add	*9.02*	
07 62 13 00-0025	SF	0.032" Thick, Mill Finish, Aluminum Flashing And Trim	17.57	4.05
		For Up To 100, Add	*4.39*	
		For Baked Aluminum Colors, Add	*0.86*	
		For Wrap Around Window Panning, Add	*9.02*	
07 62 13 00-0026	SF	0.040" Thick, Mill Finish, Aluminum Flashing And Trim	18.49	4.05
		For Up To 100, Add	*4.62*	
		For Baked Aluminum Colors, Add	*0.95*	
		For Wrap Around Window Panning, Add	*9.02*	
07 62 13 00-0027	SF	0.050" Thick, Mill Finish, Aluminum Flashing And Trim	19.24	4.05
		For Up To 100, Add	*4.81*	
		For Baked Aluminum Colors, Add	*1.02*	
		For Wrap Around Window Panning, Add	*9.02*	
07 62 13 00-0028		Steel Flashing And Trim *(07 62 13)*		
07 62 13 00-0029		Galvanized Steel Flashing And Trim *(07 62 13 00-0028)*		
07 62 13 00-0030	SF	28 Gauge, 0.019" Thick, Galvanized Steel Flashing	13.03	3.92
		For Up To 100, Add	*3.26*	
		For Wrap Around Window Panning, Add	*8.34*	
07 62 13 00-0031	SF	26 Gauge, 0.022" Thick, Galvanized Steel Flashing	13.54	4.32
		For Up To 100, Add	*3.39*	
		For Wrap Around Window Panning, Add	*8.60*	
07 62 13 00-0032	SF	24 Gauge, 0.028" Thick, Galvanized Steel Flashing	14.43	4.58
		For Up To 100, Add	*3.61*	
		For Wrap Around Window Panning, Add	*9.09*	
07 62 13 00-0033	SF	22 Gauge, 0.034" Thick, Galvanized Steel Flashing	15.34	4.81
		For Up To 100, Add	*3.84*	
		For Wrap Around Window Panning, Add	*9.62*	
07 62 13 00-0034	SF	20 Gauge, 0.04" Thick, Galvanized Steel Flashing	16.58	5.10
		For Up To 100, Add	*4.15*	
		For Wrap Around Window Panning, Add	*10.18*	

07 62 19 Fabricated Gravel Stops and Fasciae *(07 62)*

07 62 19 00-0001		Drip Edge *(07 62 19)*		
07 62 19 00-0002		Aluminum Drip Edge *(07 62 19 00-0001)*		
		Note: Girth (stretch-out) equals the total (flattened) width of the drip edge.		
07 62 19 00-0003		KYNAR 500® Finish, Aluminum Drip Edge *(07 62 19 00-0002)*		
07 62 19 00-0004		0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge *(07 62 19 00-0003)*		
07 62 19 00-0005	LF	Up To 5" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge	13.89	2.00
07 62 19 00-0006	LF	>5" To 7" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge	17.26	2.13
07 62 19 00-0007	LF	>7" To 9" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge	19.48	2.40
07 62 19 00-0008	LF	>9" To 12" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge	23.38	2.53
07 62 19 00-0009	LF	>12" To 15" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge	29.79	2.66
07 62 19 00-0010		0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge *(07 62 19 00-0003)*		
07 62 19 00-0011	LF	Up To 5" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge	14.84	2.00
07 62 19 00-0012	LF	>5" To 7" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge	18.32	2.13
07 62 19 00-0013	LF	>7" To 9" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge	21.06	2.40
07 62 19 00-0014	LF	>9" To 12" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge	25.27	2.53
07 62 19 00-0015	LF	>12" To 15" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge	31.58	2.66
07 62 19 00-0016		0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge *(07 62 19 00-0003)*		
07 62 19 00-0017	LF	Up To 5" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge	15.78	2.00
07 62 19 00-0018	LF	>5" To 7" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge	19.58	2.13
07 62 19 00-0019	LF	>7" To 9" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge	22.58	2.40
07 62 19 00-0020	LF	>9" To 12" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge	27.17	2.53
07 62 19 00-0021	LF	>12" To 15" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge	34.11	2.66
07 62 19 00-0022		0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge *(07 62 19 00-0003)*		
07 62 19 00-0023	LF	Up To 5" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge	17.68	2.00
07 62 19 00-0024	LF	>5" To 7" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge	22.11	2.13
07 62 19 00-0025	LF	>7" To 9" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge	25.59	2.40
07 62 19 00-0026	LF	>9" To 12" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge	30.96	2.53
07 62 19 00-0027	LF	>12" To 15" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge	39.17	2.66
07 62 19 00-0028		0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge *(07 62 19 00-0003)*		
07 62 19 00-0029	LF	Up To 5" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge	18.31	2.00
07 62 19 00-0030	LF	>5" To 7" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge	23.06	2.13
07 62 19 00-0031	LF	>7" To 9" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge	26.59	2.40

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 62 19 00-0032	LF	>9" To 12" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge	32.23	2.53
07 62 19 00-0033	LF	>12" To 15" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge	40.85	2.66
07 62 19 00-0034		**0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge** *(07 62 19 00-0003)*		
07 62 19 00-0035	LF	Up To 5" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge	20.52	2.00
07 62 19 00-0036	LF	>5" To 7" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge	25.90	2.13
07 62 19 00-0037	LF	>7" To 9" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge	30.06	2.40
07 62 19 00-0038	LF	>9" To 12" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge	36.65	2.53
07 62 19 00-0039	LF	>12" To 15" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge	46.75	2.66
07 62 19 00-0040		**0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge** *(07 62 19 00-0003)*		
07 62 19 00-0041	LF	Up To 5" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge	23.68	2.00
07 62 19 00-0042	LF	>5" To 7" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge	30.11	2.13
07 62 19 00-0043	LF	>7" To 9" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge	35.07	2.40
07 62 19 00-0044	LF	>9" To 12" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge	42.97	2.53
07 62 19 00-0045	LF	>12" To 15" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge	55.17	2.66
07 62 19 00-0046		**0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge** *(07 62 19 00-0003)*		
07 62 19 00-0047	LF	Up To 5" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge	27.48	2.00
07 62 19 00-0048	LF	>5" To 7" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge	35.17	2.13
07 62 19 00-0049	LF	>7" To 9" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge	41.07	2.40
07 62 19 00-0050	LF	>9" To 12" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge	50.55	2.53
07 62 19 00-0051	LF	>12" To 15" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge	65.28	2.66
07 62 19 00-0052		**Mill Finish, Aluminum Drip Edge** *(07 62 19 00-0002)*		
07 62 19 00-0053		**0.016" Thick, Mill Finish, Aluminum Drip Edge** *(07 62 19 00-0052)*		
07 62 19 00-0054	LF	Up To 5" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge	11.44	2.00
07 62 19 00-0055	LF	>5" To 7" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge	13.93	2.13
07 62 19 00-0056	LF	>7" To 9" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge	15.62	2.40
07 62 19 00-0057	LF	>9" To 12" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge	18.48	2.53
07 62 19 00-0058	LF	>12" To 15" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge	23.03	2.66
07 62 19 00-0059		**0.019" Thick, Mill Finish, Aluminum Drip Edge** *(07 62 19 00-0052)*		
07 62 19 00-0060	LF	Up To 5" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge	12.09	2.00
07 62 19 00-0061	LF	>5" To 7" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge	14.66	2.13
07 62 19 00-0062	LF	>7" To 9" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge	16.71	2.40
07 62 19 00-0063	LF	>9" To 12" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge	19.78	2.53
07 62 19 00-0064	LF	>12" To 15" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge	24.26	2.66
07 62 19 00-0065		**0.025" Thick, Mill Finish, Aluminum Drip Edge** *(07 62 19 00-0052)*		
07 62 19 00-0066	LF	Up To 5" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge	12.75	2.00
07 62 19 00-0067	LF	>5" To 7" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge	15.53	2.13
07 62 19 00-0068	LF	>7" To 9" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge	17.76	2.40
07 62 19 00-0069	LF	>9" To 12" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge	21.09	2.53
07 62 19 00-0070	LF	>12" To 15" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge	26.00	2.66
07 62 19 00-0071		**0.032" Thick, Mill Finish, Aluminum Drip Edge** *(07 62 19 00-0052)*		
07 62 19 00-0072	LF	Up To 5" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge	14.05	2.00
07 62 19 00-0073	LF	>5" To 7" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge	17.27	2.13
07 62 19 00-0074	LF	>7" To 9" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge	19.83	2.40
07 62 19 00-0075	LF	>9" To 12" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge	23.70	2.53
07 62 19 00-0076	LF	>12" To 15" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge	29.49	2.66
07 62 19 00-0077		**0.040" Thick, Mill Finish, Aluminum Drip Edge** *(07 62 19 00-0052)*		
07 62 19 00-0078	LF	Up To 5" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge	14.49	2.00
07 62 19 00-0079	LF	>5" To 7" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge	17.92	2.13
07 62 19 00-0080	LF	>7" To 9" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge	20.52	2.40
07 62 19 00-0081	LF	>9" To 12" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge	24.58	2.53
07 62 19 00-0082	LF	>12" To 15" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge	30.65	2.66
07 62 19 00-0083		**0.050" Thick, Mill Finish, Aluminum Drip Edge** *(07 62 19 00-0052)*		
07 62 19 00-0084	LF	Up To 5" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge	16.01	2.00
07 62 19 00-0085	LF	>5" To 7" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge	19.88	2.13
07 62 19 00-0086	LF	>7" To 9" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge	22.92	2.40
07 62 19 00-0087	LF	>9" To 12" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge	27.63	2.53
07 62 19 00-0088	LF	>12" To 15" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge	34.72	2.66
07 62 19 00-0089		**0.063" Thick, Mill Finish, Aluminum Drip Edge** *(07 62 19 00-0052)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 62 19 00-0090	LF	Up To 5" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge	18.19	2.00
07 62 19 00-0091	LF	>5" To 7" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge	22.79	2.13
07 62 19 00-0092	LF	>7" To 9" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge	26.37	2.40
07 62 19 00-0093	LF	>9" To 12" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge	31.99	2.53
07 62 19 00-0094	LF	>12" To 15" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge	40.53	2.66
07 62 19 00-0095		**0.080" Thick, Mill Finish, Aluminum Drip Edge** *(07 62 19 00-0052)*		
07 62 19 00-0096	LF	Up To 5" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge	20.81	2.00
07 62 19 00-0097	LF	>5" To 7" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge	26.28	2.13
07 62 19 00-0098	LF	>7" To 9" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge	30.51	2.40
07 62 19 00-0099	LF	>9" To 12" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge	37.22	2.53
07 62 19 00-0100	LF	>12" To 15" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge	47.50	2.66
07 62 19 00-0101		**Clear Anodized Finish, Aluminum Drip Edge** *(07 62 19 00-0002)*		
07 62 19 00-0102		**0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge** *(07 62 19 00-0101)*		
07 62 19 00-0103	LF	Up To 5" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge	14.36	2.00
07 62 19 00-0104	LF	>5" To 7" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge	17.91	2.13
07 62 19 00-0105	LF	>7" To 9" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge	20.22	2.40
07 62 19 00-0106	LF	>9" To 12" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge	24.33	2.53
07 62 19 00-0107	LF	>12" To 15" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge	31.10	2.66
07 62 19 00-0108		**0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge** *(07 62 19 00-0101)*		
07 62 19 00-0109	LF	Up To 5" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge	15.37	2.00
07 62 19 00-0110	LF	>5" To 7" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge	19.02	2.13
07 62 19 00-0111	LF	>7" To 9" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge	21.90	2.40
07 62 19 00-0112	LF	>9" To 12" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge	26.34	2.53
07 62 19 00-0113	LF	>12" To 15" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge	33.00	2.66
07 62 19 00-0114		**0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge** *(07 62 19 00-0101)*		
07 62 19 00-0115	LF	Up To 5" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge	16.37	2.00
07 62 19 00-0116	LF	>5" To 7" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge	20.36	2.13
07 62 19 00-0117	LF	>7" To 9" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge	23.52	2.40
07 62 19 00-0118	LF	>9" To 12" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge	28.34	2.53
07 62 19 00-0119	LF	>12" To 15" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge	35.68	2.66
07 62 19 00-0120		**0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge** *(07 62 19 00-0101)*		
07 62 19 00-0121	LF	Up To 5" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge	18.38	2.00
07 62 19 00-0122	LF	>5" To 7" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge	23.04	2.13
07 62 19 00-0123	LF	>7" To 9" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge	26.70	2.40
07 62 19 00-0124	LF	>9" To 12" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge	32.36	2.53
07 62 19 00-0125	LF	>12" To 15" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge	41.04	2.66
07 62 19 00-0126		**0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge** *(07 62 19 00-0101)*		
07 62 19 00-0127	LF	Up To 5" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge	19.05	2.00
07 62 19 00-0128	LF	>5" To 7" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge	24.05	2.13
07 62 19 00-0129	LF	>7" To 9" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge	27.76	2.40
07 62 19 00-0130	LF	>9" To 12" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge	33.70	2.53
07 62 19 00-0131	LF	>12" To 15" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge	42.82	2.66
07 62 19 00-0132		**0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge** *(07 62 19 00-0101)*		
07 62 19 00-0133	LF	Up To 5" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge	21.40	2.00
07 62 19 00-0134	LF	>5" To 7" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge	27.06	2.13
07 62 19 00-0135	LF	>7" To 9" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge	31.44	2.40
07 62 19 00-0136	LF	>9" To 12" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge	38.39	2.53
07 62 19 00-0137	LF	>12" To 15" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge	49.07	2.66
07 62 19 00-0138		**0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge** *(07 62 19 00-0101)*		
07 62 19 00-0139	LF	Up To 5" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge	24.75	2.00
07 62 19 00-0140	LF	>5" To 7" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge	31.53	2.13
07 62 19 00-0141	LF	>7" To 9" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge	36.75	2.40
07 62 19 00-0142	LF	>9" To 12" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge	45.09	2.53
07 62 19 00-0143	LF	>12" To 15" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge	58.00	2.66
07 62 19 00-0144		**0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge** *(07 62 19 00-0101)*		
07 62 19 00-0145	LF	Up To 5" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge	28.76	2.00
07 62 19 00-0146	LF	>5" To 7" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge	36.89	2.13
07 62 19 00-0147	LF	>7" To 9" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge	43.11	2.40
07 62 19 00-0148	LF	>9" To 12" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge	53.13	2.53
07 62 19 00-0149	LF	>12" To 15" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge	68.72	2.66

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 62 19 00-0150		Galvanized Steel Drip Edge *(07 62 19 00-0001)* Note: Girth (stretch-out) equals the total (flattened) width of the drip edge.		
07 62 19 00-0151		Galvanized Steel Drip Edge *(07 62 19 00-0150)*		
07 62 19 00-0152		26 Gauge, Galvanized Steel Drip Edge *(07 62 19 00-0151)*		
07 62 19 00-0153	LF	Up To 5" Girth, 26 Gauge, Galvanized Steel Drip Edge	13.25	2.00
07 62 19 00-0154	LF	>5" To 7" Girth, 26 Gauge, Galvanized Steel Drip Edge	16.27	2.13
07 62 19 00-0155	LF	>7" To 9" Girth, 26 Gauge, Galvanized Steel Drip Edge	18.57	2.40
07 62 19 00-0156	LF	>9" To 12" Girth, 26 Gauge, Galvanized Steel Drip Edge	22.11	2.53
07 62 19 00-0157	LF	>12" To 15" Girth, 26 Gauge, Galvanized Steel Drip Edge	27.36	2.66
07 62 19 00-0158		24 Gauge, Galvanized Steel Drip Edge *(07 62 19 00-0151)*		
07 62 19 00-0159	LF	Up To 5" Girth, 24 Gauge, Galvanized Steel Drip Edge	14.35	2.00
07 62 19 00-0160	LF	>5" To 7" Girth, 24 Gauge, Galvanized Steel Drip Edge	17.73	2.13
07 62 19 00-0161	LF	>7" To 9" Girth, 24 Gauge, Galvanized Steel Drip Edge	20.29	2.40
07 62 19 00-0162	LF	>9" To 12" Girth, 24 Gauge, Galvanized Steel Drip Edge	24.30	2.53
07 62 19 00-0163	LF	>12" To 15" Girth, 24 Gauge, Galvanized Steel Drip Edge	30.25	2.66
07 62 19 00-0164		KYNAR 500® Finish, Galvanized Steel Drip Edge *(07 62 19 00-0150)*		
07 62 19 00-0165		26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge *(07 62 19 00-0164)*		
07 62 19 00-0166	LF	Up To 5" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	16.52	2.00
07 62 19 00-0167	LF	>5" To 7" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	20.65	2.13
07 62 19 00-0168	LF	>7" To 9" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	23.75	2.40
07 62 19 00-0169	LF	>9" To 12" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	28.64	2.53
07 62 19 00-0170	LF	>12" To 15" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	36.08	2.66
07 62 19 00-0171		24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge *(07 62 19 00-0164)*		
07 62 19 00-0172	LF	Up To 5" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	18.10	2.00
07 62 19 00-0173	LF	>5" To 7" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	22.77	2.13
07 62 19 00-0174	LF	>7" To 9" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	26.25	2.40
07 62 19 00-0175	LF	>9" To 12" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	31.80	2.53
07 62 19 00-0176	LF	>12" To 15" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	40.29	2.66
07 62 19 00-0177		Stainless Steel Drip Edge *(07 62 19 00-0001)* Note: Girth (stretch-out) equals the total (flattened) width of the drip edge.		
07 62 19 00-0178		26 Gauge, Stainless Steel Drip Edge *(07 62 19 00-0177)*		
07 62 19 00-0179	LF	Up To 5" Girth, 26 Gauge, Stainless Steel Drip Edge	22.55	2.00
07 62 19 00-0180	LF	>5" To 7" Girth, 26 Gauge, Stainless Steel Drip Edge	28.61	2.13
07 62 19 00-0181	LF	>7" To 9" Girth, 26 Gauge, Stainless Steel Drip Edge	33.28	2.40
07 62 19 00-0182	LF	>9" To 12" Girth, 26 Gauge, Stainless Steel Drip Edge	40.71	2.53
07 62 19 00-0183	LF	>12" To 15" Girth, 26 Gauge, Stainless Steel Drip Edge	52.16	2.66
07 62 19 00-0184		24 Gauge, Stainless Steel Drip Edge *(07 62 19 00-0177)*		
07 62 19 00-0185	LF	Up To 5" Girth, 24 Gauge, Stainless Steel Drip Edge	27.77	2.00
07 62 19 00-0186	LF	>5" To 7" Girth, 24 Gauge, Stainless Steel Drip Edge	35.56	2.13
07 62 19 00-0187	LF	>7" To 9" Girth, 24 Gauge, Stainless Steel Drip Edge	41.56	2.40
07 62 19 00-0188	LF	>9" To 12" Girth, 24 Gauge, Stainless Steel Drip Edge	51.14	2.53
07 62 19 00-0189	LF	>12" To 15" Girth, 24 Gauge, Stainless Steel Drip Edge	66.07	2.66
07 62 19 00-0190		22 Gauge, Stainless Steel Drip Edge *(07 62 19 00-0177)*		
07 62 19 00-0191	LF	Up To 5" Girth, 22 Gauge, Stainless Steel Drip Edge	33.91	2.00
07 62 19 00-0192	LF	>5" To 7" Girth, 22 Gauge, Stainless Steel Drip Edge	43.74	2.13
07 62 19 00-0193	LF	>7" To 9" Girth, 22 Gauge, Stainless Steel Drip Edge	51.27	2.40
07 62 19 00-0194	LF	>9" To 12" Girth, 22 Gauge, Stainless Steel Drip Edge	63.41	2.53
07 62 19 00-0195	LF	>12" To 15" Girth, 22 Gauge, Stainless Steel Drip Edge	82.43	2.66

07 63 Sheet Metal Roofing Specialties *(07 60)*

07 63 00 00-0001		Pitch Pockets *(07 63)* Note: Cut into deck, filled with non-shrink grout, includes blocking.		
07 63 00 00-0002		24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pockets *(07 63 00 00-0001)*		
07 63 00 00-0003	EA	4" x 4" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	97.06	
		For Pourable Sealer Filled, Add	*40.59*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*20.31*	
07 63 00 00-0004	EA	6" x 6" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	117.26	
		For Pourable Sealer Filled, Add	*91.38*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*45.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 63 00 00-0005	EA	8" x 8" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	143.00	
		For Pourable Sealer Filled, Add	*162.37*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*81.00*	
07 63 00 00-0006	EA	8" x 10" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	157.02	
		For Pourable Sealer Filled, Add	*202.96*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*101.81*	
07 63 00 00-0007	EA	8" x 12" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	170.30	
		For Pourable Sealer Filled, Add	*243.55*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*121.79*	
07 63 00 00-0008	SF	24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	200.30	
		For Pourable Sealer Filled, Add	*365.33*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*181.54*	

07 63 00 00-0009 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pockets *(07 63 00 00-0001)*

07 63 00 00-0010	EA	4" x 4" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	101.40	
		For Pourable Sealer Filled, Add	*40.59*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*20.31*	
07 63 00 00-0011	EA	6" x 6" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	122.05	
		For Pourable Sealer Filled, Add	*91.38*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*45.82*	
07 63 00 00-0012	EA	8" x 8" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	149.12	
		For Pourable Sealer Filled, Add	*162.37*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*81.00*	
07 63 00 00-0013	EA	8" x 10" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	166.22	
		For Pourable Sealer Filled, Add	*202.96*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*101.81*	
07 63 00 00-0014	EA	8" x 12" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	179.41	
		For Pourable Sealer Filled, Add	*243.55*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*121.79*	
07 63 00 00-0015	SF	16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	210.17	
		For Pourable Sealer Filled, Add	*365.33*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*181.54*	

07 63 00 00-0016 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pockets *(07 63 00 00-0001)*

07 63 00 00-0017	EA	4" x 4" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	107.45	
		For Pourable Sealer Filled, Add	*40.59*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*20.31*	
07 63 00 00-0018	EA	6" x 6" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	128.33	
		For Pourable Sealer Filled, Add	*91.38*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*45.82*	
07 63 00 00-0019	EA	8" x 8" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	149.62	
		For Pourable Sealer Filled, Add	*162.37*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*81.00*	
07 63 00 00-0020	EA	8" x 10" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	162.68	
		For Pourable Sealer Filled, Add	*202.96*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*101.81*	
07 63 00 00-0021	EA	8" x 12" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	174.78	
		For Pourable Sealer Filled, Add	*243.55*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*121.79*	
07 63 00 00-0022	SF	24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	202.43	
		For Pourable Sealer Filled, Add	*365.33*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*181.54*	

07 63 00 00-0023 Clean, Repair And Refill Existing Pitch Pockets With Non-Shrink Grout *(07 63 00 00-0001)*

Note: Includes removing existing filler and refilling with non-shrink grout.

07 63 00 00-0024	EA	Clean, Repair And Refill Existing 4" x 4" Pitch Pocket With Non-Shrink Grout	87.17	
		For Pourable Sealer Filled, Add	*40.59*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*20.31*	
07 63 00 00-0025	EA	Clean, Repair And Refill Existing 6" x 6" Pitch Pocket With Non-Shrink Grout	99.40	
		For Pourable Sealer Filled, Add	*91.38*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*45.82*	
07 63 00 00-0026	EA	Clean, Repair And Refill Existing 8" x 8" Pitch Pocket With Non-Shrink Grout	115.59	
		For Pourable Sealer Filled, Add	*162.37*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*81.00*	
07 63 00 00-0027	EA	Clean, Repair And Refill Existing 8" x 10" Pitch Pocket With Non-Shrink Grout	125.95	
		For Pourable Sealer Filled, Add	*202.96*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*101.81*	
07 63 00 00-0028	EA	Clean, Repair And Refill Existing 8" x 12" Pitch Pocket With Non-Shrink Grout	136.31	
		For Pourable Sealer Filled, Add	*243.55*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*121.79*	
07 63 00 00-0029	SF	Clean, Repair And Refill Existing Pitch Pocket With Non-Shrink Grout	162.08	
		For Pourable Sealer Filled, Add	*365.33*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*181.54*	

07 63 00 00-0030 Lead Pipe Flashing For Roofs *(07 63)*

Note: Includes 6" skirt base.

07 63 00 00-0031	EA	1-1/4" ID x 12" Riser Pipe, 4 Lb. Lead Pipe Flashing For Roofs, Fits 3/4" Pipe	97.71	31.44
07 63 00 00-0032	EA	1-1/2" ID x 12" Riser Pipe, 4 Lb. Lead Pipe Flashing For Roofs, Fits 1" Pipe	97.71	31.44

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 63 00 00-0033	EA	2-3/4" ID x 12" Riser Pipe, 4 Lb. Lead Pipe Flashing For Roofs, Fits 2" Pipe	117.22	31.44
07 63 00 00-0034	EA	3-3/4" ID x 12" Riser Pipe, 4 Lb. Lead Pipe Flashing For Roofs, Fits 3" Pipe	128.37	31.44
07 63 00 00-0035	EA	4-1/4" ID x 12" Riser Pipe, 4 Lb. Lead Pipe Flashing For Roofs, Fits 3-1/2" Pipe	133.95	31.44
07 63 00 00-0036	EA	4-3/4" ID x 12" Riser Pipe, 4 Lb. Lead Pipe Flashing For Roofs, Fits 4" Pipe	136.74	31.44
07 63 00 00-0037	EA	6-7/8" ID x 12" Riser Pipe, 4 Lb. Lead Pipe Flashing For Roofs, Fits 6" Pipe	164.61	31.44
07 63 00 00-0038	EA	8-7/8" ID x 12" Riser Pipe, 4 Lb. Lead Pipe Flashing For Roofs, Fits 8" Pipe	177.16	31.44

07 63 00 00-0039 Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing *(07 63)*

07 63 00 00-0040	EA	2" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing	83.38	20.32
07 63 00 00-0041	EA	3" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing	84.65	20.32
07 63 00 00-0042	EA	4" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing	89.22	20.32
07 63 00 00-0043	EA	6" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing	93.16	20.32

07 65 Flexible Flashing *(07 60)*

07 65 16 Modified Bituminous Sheet Flashing *(07 65)*

07 65 16 00-0001 Liquid Flashing System For Modified And BUR Systems *(07 65 16)*

See CSI section 07 51 13 00-0036 for ceramic coated roofing granules.

07 65 16 00-0002	SF	60 Mil, Urethane Elastomer Liquid Applied Flashing Note: Includes applying a 30 mil base coat, rolling in a stichbonded polyester reinforcing scrim and applying a 30 mil second coat.	15.00	2.51

07 65 19 Plastic Sheet Flashing *(07 65)*

07 65 19 00-0001 Plastic Flashing And Trim *(07 65 19)*

07 65 19 00-0002 Neoprene Flashing *(07 65 19 00-0001)*

07 65 19 00-0003 60 Mil Thick *(07 65 19 00-0002)*

07 65 19 00-0004	LF	6" Wide Strip, 60 Mil, Neoprene Flashing	10.93	3.57
07 65 19 00-0005	LF	12" Wide Strip, 60 Mil, Neoprene Flashing	14.34	3.84
07 65 19 00-0006	LF	18" Wide Strip, 60 Mil, Neoprene Flashing	18.16	4.23
07 65 19 00-0007	LF	24" Wide Strip, 60 Mil, Neoprene Flashing	22.19	4.77

07 65 33 Flexible Roof Boot *(07 65)*

07 65 33 00-0001 Neoprene Roof Boot *(07 65 33)*

07 65 33 00-0002	EA	2" Diameter Pipe, Neoprene Roof Boot	47.34	10.99
07 65 33 00-0003	EA	3" Diameter Pipe, Neoprene Roof Boot	55.27	12.31
07 65 33 00-0004	EA	4" Diameter Pipe, Neoprene Roof Boot	61.08	13.25

07 70 Roof and Wall Specialties and Accessories *(07)*

07 71 Roof Specialties *(07 70)*

07 71 13 Manufactured Copings *(07 71)*

07 71 13 00-0001 Galvanized Steel Copings *(07 71 13)*

07 71 13 00-0002 KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats *(07 71 13 00-0001)*

Note: Stretch-out width = face height + wall thickness + back leg. Coping system includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.

07 71 13 00-0003	LF	10" To 14" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats	35.87	2.87
		For Up To 25 LF, Add	*5.50*	
		For >25 To 100 LF, Add	*2.75*	
		For >1,000 LF, Deduct	*-0.48*	
07 71 13 00-0004	LF	>14" To 16" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats	37.86	3.12
		For Up To 25 LF, Add	*5.86*	
		For >25 To 100 LF, Add	*2.93*	
		For >1,000 LF, Deduct	*-0.52*	
07 71 13 00-0005	LF	>16" To 22" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats	43.11	3.28
		For Up To 25 LF, Add	*6.50*	
		For >25 To 100 LF, Add	*3.25*	
		For >1,000 LF, Deduct	*-0.55*	
07 71 13 00-0006	LF	>22" To 30" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats	50.03	3.59
		For Up To 25 LF, Add	*7.40*	
		For >25 To 100 LF, Add	*3.70*	
		For >1,000 LF, Deduct	*-0.60*	
07 71 13 00-0007	LF	>30" To 42" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats	60.31	3.75
		For Up To 25 LF, Add	*8.53*	
		For >25 To 100 LF, Add	*4.27*	
		For >1,000 LF, Deduct	*-0.63*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 13 00-0008		Aluminum Copings *(07 71 13)*		
07 71 13 00-0009		Mill Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0008)* Note: Stretch-out width = face height + wall thickness + back leg. Coping system includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 13 00-0010		0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0009)*		
07 71 13 00-0011	LF	10" To 14" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	28.62	2.87
		For Up To 25 LF, Add	*4.78*	
		For >25 To 100 LF, Add	*2.39*	
		For >1,000 LF, Deduct	*-0.48*	
07 71 13 00-0012	LF	>14" To 16" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	30.56	3.12
		For Up To 25 LF, Add	*5.13*	
		For >25 To 100 LF, Add	*2.57*	
		For >1,000 LF, Deduct	*-0.52*	
07 71 13 00-0013	LF	>16" To 22" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	35.54	3.28
		For Up To 25 LF, Add	*5.74*	
		For >25 To 100 LF, Add	*2.87*	
		For >1,000 LF, Deduct	*-0.55*	
07 71 13 00-0014	LF	>22" To 30" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	42.35	3.59
		For Up To 25 LF, Add	*6.63*	
		For >25 To 100 LF, Add	*3.32*	
		For >1,000 LF, Deduct	*-0.60*	
07 71 13 00-0015	LF	>30" To 42" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	52.45	3.75
		For Up To 25 LF, Add	*7.75*	
		For >25 To 100 LF, Add	*3.87*	
		For >1,000 LF, Deduct	*-0.63*	
07 71 13 00-0016		0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0009)*		
07 71 13 00-0017	LF	10" To 14" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	31.00	2.87
		For Up To 25 LF, Add	*5.02*	
		For >25 To 100 LF, Add	*2.51*	
		For >1,000 LF, Deduct	*-0.48*	
07 71 13 00-0018	LF	>14" To 16" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	33.10	3.12
		For Up To 25 LF, Add	*5.39*	
		For >25 To 100 LF, Add	*2.69*	
		For >1,000 LF, Deduct	*-0.52*	
07 71 13 00-0019	LF	>16" To 22" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	38.55	3.28
		For Up To 25 LF, Add	*6.04*	
		For >25 To 100 LF, Add	*3.02*	
		For >1,000 LF, Deduct	*-0.55*	
07 71 13 00-0020	LF	>22" To 30" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	45.99	3.59
		For Up To 25 LF, Add	*7.00*	
		For >25 To 100 LF, Add	*3.50*	
		For >1,000 LF, Deduct	*-0.60*	
07 71 13 00-0021	LF	>30" To 42" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	57.06	3.75
		For Up To 25 LF, Add	*8.21*	
		For >25 To 100 LF, Add	*4.10*	
		For >1,000 LF, Deduct	*-0.63*	
07 71 13 00-0022		0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0009)*		
07 71 13 00-0023	LF	10" To 14" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	32.96	2.87
		For Up To 25 LF, Add	*5.21*	
		For >25 To 100 LF, Add	*2.61*	
		For >1,000 LF, Deduct	*-0.48*	
07 71 13 00-0024	LF	>14" To 16" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	35.36	3.12
		For Up To 25 LF, Add	*5.61*	
		For >25 To 100 LF, Add	*2.81*	
		For >1,000 LF, Deduct	*-0.52*	
07 71 13 00-0025	LF	>16" To 22" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	42.29	3.28
		For Up To 25 LF, Add	*6.41*	
		For >25 To 100 LF, Add	*3.21*	
		For >1,000 LF, Deduct	*-0.55*	
07 71 13 00-0026	LF	>22" To 30" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	52.69	3.59
		For Up To 25 LF, Add	*7.67*	
		For >25 To 100 LF, Add	*3.83*	
		For >1,000 LF, Deduct	*-0.60*	
07 71 13 00-0027	LF	>30" To 42" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	67.91	3.75
		For Up To 25 LF, Add	*9.29*	
		For >25 To 100 LF, Add	*4.65*	
		For >1,000 LF, Deduct	*-0.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 13 00-0028		KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0008)*		
		Note: Stretch-out width = face height + wall thickness + back leg. Coping system includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 13 00-0029		0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0028)*		
07 71 13 00-0030	LF	10" To 14" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	39.34	2.87
		For Up To 25 LF, Add	*5.85*	
		For >25 To 100 LF, Add	*2.93*	
		For >1,000 LF, Deduct	*-0.48*	
07 71 13 00-0031	LF	>14" To 16" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	41.98	3.12
		For Up To 25 LF, Add	*6.27*	
		For >25 To 100 LF, Add	*3.14*	
		For >1,000 LF, Deduct	*-0.52*	
07 71 13 00-0032	LF	>16" To 22" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	49.08	3.28
		For Up To 25 LF, Add	*7.09*	
		For >25 To 100 LF, Add	*3.55*	
		For >1,000 LF, Deduct	*-0.55*	
07 71 13 00-0033	LF	>22" To 30" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	58.72	3.59
		For Up To 25 LF, Add	*8.27*	
		For >25 To 100 LF, Add	*4.13*	
		For >1,000 LF, Deduct	*-0.60*	
07 71 13 00-0034	LF	>30" To 42" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	73.23	3.75
		For Up To 25 LF, Add	*9.82*	
		For >25 To 100 LF, Add	*4.91*	
		For >1,000 LF, Deduct	*-0.63*	
07 71 13 00-0035		0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0028)*		
07 71 13 00-0036	LF	10" To 14" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	42.79	2.87
		For Up To 25 LF, Add	*6.20*	
		For >25 To 100 LF, Add	*3.10*	
		For >1,000 LF, Deduct	*-0.48*	
07 71 13 00-0037	LF	>14" To 16" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	45.66	3.12
		For Up To 25 LF, Add	*6.64*	
		For >25 To 100 LF, Add	*3.32*	
		For >1,000 LF, Deduct	*-0.52*	
07 71 13 00-0038	LF	>16" To 22" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	53.44	3.28
		For Up To 25 LF, Add	*7.53*	
		For >25 To 100 LF, Add	*3.76*	
		For >1,000 LF, Deduct	*-0.55*	
07 71 13 00-0039	LF	>22" To 30" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	63.99	3.59
		For Up To 25 LF, Add	*8.80*	
		For >25 To 100 LF, Add	*4.40*	
		For >1,000 LF, Deduct	*-0.60*	
07 71 13 00-0040	LF	>30" To 42" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	79.93	3.75
		For Up To 25 LF, Add	*10.49*	
		For >25 To 100 LF, Add	*5.25*	
		For >1,000 LF, Deduct	*-0.63*	
07 71 13 00-0041		0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0028)*		
07 71 13 00-0042	LF	10" To 14" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	45.63	2.87
		For Up To 25 LF, Add	*6.48*	
		For >25 To 100 LF, Add	*3.24*	
		For >1,000 LF, Deduct	*-0.48*	
07 71 13 00-0043	LF	>14" To 16" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	48.94	3.12
		For Up To 25 LF, Add	*6.97*	
		For >25 To 100 LF, Add	*3.49*	
		For >1,000 LF, Deduct	*-0.52*	
07 71 13 00-0044	LF	>16" To 22" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	58.86	3.28
		For Up To 25 LF, Add	*8.07*	
		For >25 To 100 LF, Add	*4.04*	
		For >1,000 LF, Deduct	*-0.55*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 13 00-0045	LF	>22" To 30" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	73.71	3.59
		For Up To 25 LF, Add	*9.77*	
		For >25 To 100 LF, Add	*4.88*	
		For >1,000 LF, Deduct	*-0.60*	
07 71 13 00-0046	LF	>30" To 42" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	95.66	3.75
		For Up To 25 LF, Add	*12.07*	
		For >25 To 100 LF, Add	*6.03*	
		For >1,000 LF, Deduct	*-0.63*	

07 71 13 00-0047 Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0008)*

Note: Stretch-out width = face height + wall thickness + back leg. Coping system includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.

07 71 13 00-0048 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0047)*

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 13 00-0049	LF	10" To 14" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	41.41	2.87
		For Up To 25 LF, Add	*6.06*	
		For >25 To 100 LF, Add	*3.03*	
		For >1,000 LF, Deduct	*-0.48*	
07 71 13 00-0050	LF	>14" To 16" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	44.19	3.12
		For Up To 25 LF, Add	*6.50*	
		For >25 To 100 LF, Add	*3.25*	
		For >1,000 LF, Deduct	*-0.52*	
07 71 13 00-0051	LF	>16" To 22" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	51.69	3.28
		For Up To 25 LF, Add	*7.35*	
		For >25 To 100 LF, Add	*3.68*	
		For >1,000 LF, Deduct	*-0.55*	
07 71 13 00-0052	LF	>22" To 30" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	61.88	3.59
		For Up To 25 LF, Add	*8.58*	
		For >25 To 100 LF, Add	*4.29*	
		For >1,000 LF, Deduct	*-0.60*	
07 71 13 00-0053	LF	>30" To 42" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	77.25	3.75
		For Up To 25 LF, Add	*10.23*	
		For >25 To 100 LF, Add	*5.11*	
		For >1,000 LF, Deduct	*-0.63*	

07 71 13 00-0054 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0047)*

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 13 00-0055	LF	10" To 14" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	45.07	2.87
		For Up To 25 LF, Add	*6.42*	
		For >25 To 100 LF, Add	*3.21*	
		For >1,000 LF, Deduct	*-0.48*	
07 71 13 00-0056	LF	>14" To 16" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	48.09	3.12
		For Up To 25 LF, Add	*6.89*	
		For >25 To 100 LF, Add	*3.44*	
		For >1,000 LF, Deduct	*-0.52*	
07 71 13 00-0057	LF	>16" To 22" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	56.32	3.28
		For Up To 25 LF, Add	*7.82*	
		For >25 To 100 LF, Add	*3.91*	
		For >1,000 LF, Deduct	*-0.55*	
07 71 13 00-0058	LF	>22" To 30" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	67.47	3.59
		For Up To 25 LF, Add	*9.14*	
		For >25 To 100 LF, Add	*4.57*	
		For >1,000 LF, Deduct	*-0.60*	
07 71 13 00-0059	LF	>30" To 42" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	84.35	3.75
		For Up To 25 LF, Add	*10.94*	
		For >25 To 100 LF, Add	*5.47*	
		For >1,000 LF, Deduct	*-0.63*	

07 71 13 00-0060 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0047)*

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 13 00-0061	LF	10" To 14" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	48.08	2.87
		For Up To 25 LF, Add	*6.72*	
		For >25 To 100 LF, Add	*3.36*	
		For >1,000 LF, Deduct	*-0.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 13 00-0062	LF	>14" To 16" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	51.57	3.12
		For Up To 25 LF, Add	*7.23*	
		For >25 To 100 LF, Add	*3.62*	
		For >1,000 LF, Deduct	*-0.52*	
07 71 13 00-0063	LF	>16" To 22" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	62.06	3.28
		For Up To 25 LF, Add	*8.39*	
		For >25 To 100 LF, Add	*4.20*	
		For >1,000 LF, Deduct	*-0.55*	
07 71 13 00-0064	LF	>22" To 30" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	77.77	3.59
		For Up To 25 LF, Add	*10.17*	
		For >25 To 100 LF, Add	*5.09*	
		For >1,000 LF, Deduct	*-0.60*	
07 71 13 00-0065	LF	>30" To 42" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	101.02	3.75
		For Up To 25 LF, Add	*12.60*	
		For >25 To 100 LF, Add	*6.30*	
		For >1,000 LF, Deduct	*-0.63*	

07 71 19 Manufactured Gravel Stops and Fasciae *(07 71)*

07 71 19 00-0001 Gravel Stop *(07 71 19)*

07 71 19 00-0002 Aluminum Gravel Stop *(07 71 19 00-0001)*

07 71 19 00-0003 Aluminum Gravel Stop *(07 71 19 00-0002)*

07 71 19 00-0004 KYNAR 500® Finish, Aluminum Gravel Stop *(07 71 19 00-0003)*

07 71 19 00-0005 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop *(07 71 19 00-0004)*

07 71 19 00-0006	LF	4" To 6" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	42.25	2.26
		For Up To 25 LF, Add	*6.89*	
		For >25 To 100 LF, Add	*3.44*	
		For >1,000 LF, Deduct	*-0.67*	
07 71 19 00-0007	LF	>6" To 10" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	43.73	2.66
		For Up To 25 LF, Add	*7.52*	
		For >25 To 100 LF, Add	*3.76*	
		For >1,000 LF, Deduct	*-0.79*	
07 71 19 00-0008	LF	>10" To 18" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	45.25	2.92
		For Up To 25 LF, Add	*8.09*	
		For >25 To 100 LF, Add	*4.04*	
		For >1,000 LF, Deduct	*-0.89*	

07 71 19 00-0009 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop *(07 71 19 00-0004)*

07 71 19 00-0010	LF	4" To 6" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	44.87	2.26
		For Up To 25 LF, Add	*7.15*	
		For >25 To 100 LF, Add	*3.58*	
		For >1,000 LF, Deduct	*-0.67*	
07 71 19 00-0011	LF	>6" To 10" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	46.47	2.66
		For Up To 25 LF, Add	*7.79*	
		For >25 To 100 LF, Add	*3.90*	
		For >1,000 LF, Deduct	*-0.79*	
07 71 19 00-0012	LF	>10" To 18" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	48.13	2.92
		For Up To 25 LF, Add	*8.38*	
		For >25 To 100 LF, Add	*4.19*	
		For >1,000 LF, Deduct	*-0.89*	

07 71 19 00-0013 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop *(07 71 19 00-0004)*

07 71 19 00-0014	LF	4" To 6" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	48.28	2.26
		For Up To 25 LF, Add	*7.49*	
		For >25 To 100 LF, Add	*3.75*	
		For >1,000 LF, Deduct	*-0.67*	
07 71 19 00-0015	LF	>6" To 10" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	49.73	2.66
		For Up To 25 LF, Add	*8.12*	
		For >25 To 100 LF, Add	*4.06*	
		For >1,000 LF, Deduct	*-0.79*	
07 71 19 00-0016	LF	>10" To 18" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	51.76	2.92
		For Up To 25 LF, Add	*8.74*	
		For >25 To 100 LF, Add	*4.37*	
		For >1,000 LF, Deduct	*-0.89*	

07 71 19 00-0017 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop *(07 71 19 00-0004)*

07 71 19 00-0018	LF	4" To 6" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	50.60	2.26
		For Up To 25 LF, Add	*7.72*	
		For >25 To 100 LF, Add	*3.86*	
		For >1,000 LF, Deduct	*-0.67*	
07 71 19 00-0019	LF	>6" To 10" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	52.14	2.66
		For Up To 25 LF, Add	*8.36*	
		For >25 To 100 LF, Add	*4.18*	
		For >1,000 LF, Deduct	*-0.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0020	LF	>10" To 18" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	54.31	2.92
		For Up To 25 LF, Add	*9.00*	
		For >25 To 100 LF, Add	*4.50*	
		For >1,000 LF, Deduct	*-0.89*	

07 71 19 00-0021 Mill Finish, Aluminum Gravel Stop *(07 71 19 00-0003)*

07 71 19 00-0022 0.032" Thick, Mill Finish, Aluminum Gravel Stop *(07 71 19 00-0021)*

07 71 19 00-0023	LF	4" To 6" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop	27.72	2.26
		For Up To 25 LF, Add	*5.44*	
		For >25 To 100 LF, Add	*2.72*	
		For >1,000 LF, Deduct	*-0.67*	
07 71 19 00-0024	LF	>6" To 10" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop	29.94	2.66
		For Up To 25 LF, Add	*6.14*	
		For >25 To 100 LF, Add	*3.07*	
		For >1,000 LF, Deduct	*-0.79*	
07 71 19 00-0025	LF	>10" To 18" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop	32.15	2.92
		For Up To 25 LF, Add	*6.78*	
		For >25 To 100 LF, Add	*3.39*	
		For >1,000 LF, Deduct	*-0.89*	

07 71 19 00-0026 0.040" Thick, Mill Finish, Aluminum Gravel Stop *(07 71 19 00-0021)*

07 71 19 00-0027	LF	4" To 6" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop	29.90	2.26
		For Up To 25 LF, Add	*5.65*	
		For >25 To 100 LF, Add	*2.83*	
		For >1,000 LF, Deduct	*-0.67*	
07 71 19 00-0028	LF	>6" To 10" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop	31.83	2.66
		For Up To 25 LF, Add	*6.33*	
		For >25 To 100 LF, Add	*3.16*	
		For >1,000 LF, Deduct	*-0.79*	
07 71 19 00-0029	LF	>10" To 18" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop	33.61	2.92
		For Up To 25 LF, Add	*6.93*	
		For >25 To 100 LF, Add	*3.46*	
		For >1,000 LF, Deduct	*-0.89*	

07 71 19 00-0030 0.050" Thick, Mill Finish, Aluminum Gravel Stop *(07 71 19 00-0021)*

07 71 19 00-0031	LF	4" To 6" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop	32.08	2.26
		For Up To 25 LF, Add	*5.87*	
		For >25 To 100 LF, Add	*2.94*	
		For >1,000 LF, Deduct	*-0.67*	
07 71 19 00-0032	LF	>6" To 10" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop	34.01	2.66
		For Up To 25 LF, Add	*6.55*	
		For >25 To 100 LF, Add	*3.27*	
		For >1,000 LF, Deduct	*-0.79*	
07 71 19 00-0033	LF	>10" To 18" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop	35.97	2.92
		For Up To 25 LF, Add	*7.16*	
		For >25 To 100 LF, Add	*3.58*	
		For >1,000 LF, Deduct	*-0.89*	

07 71 19 00-0034 0.063" Thick, Mill Finish, Aluminum Gravel Stop *(07 71 19 00-0021)*

07 71 19 00-0035	LF	4" To 6" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop	34.44	2.26
		For Up To 25 LF, Add	*6.11*	
		For >25 To 100 LF, Add	*3.05*	
		For >1,000 LF, Deduct	*-0.67*	
07 71 19 00-0036	LF	>6" To 10" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop	36.19	2.66
		For Up To 25 LF, Add	*6.76*	
		For >25 To 100 LF, Add	*3.38*	
		For >1,000 LF, Deduct	*-0.79*	
07 71 19 00-0037	LF	>10" To 18" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop	37.72	2.92
		For Up To 25 LF, Add	*7.34*	
		For >25 To 100 LF, Add	*3.67*	
		For >1,000 LF, Deduct	*-0.89*	

07 71 19 00-0038 Clear Anodized Finish, Aluminum Gravel Stop *(07 71 19 00-0003)*

07 71 19 00-0039 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop *(07 71 19 00-0038)*

07 71 19 00-0040	LF	4" To 6" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop	50.31	2.26
		For Up To 25 LF, Add	*7.70*	
		For >25 To 100 LF, Add	*3.85*	
		For >1,000 LF, Deduct	*-0.67*	
07 71 19 00-0041	LF	>6" To 10" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop	52.14	2.66
		For Up To 25 LF, Add	*8.36*	
		For >25 To 100 LF, Add	*4.18*	
		For >1,000 LF, Deduct	*-0.79*	
07 71 19 00-0042	LF	>10" To 18" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop	53.78	2.92
		For Up To 25 LF, Add	*8.94*	
		For >25 To 100 LF, Add	*4.47*	
		For >1,000 LF, Deduct	*-0.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0043		0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop *(07 71 19 00-0038)*		
07 71 19 00-0044	LF	4" To 6" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop	53.45	2.26
		For Up To 25 LF, Add	*8.01*	
		For >25 To 100 LF, Add	*4.00*	
		For >1,000 LF, Deduct	*-0.67*	
07 71 19 00-0045	LF	>6" To 10" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop	55.42	2.66
		For Up To 25 LF, Add	*8.69*	
		For >25 To 100 LF, Add	*4.34*	
		For >1,000 LF, Deduct	*-0.79*	
07 71 19 00-0046	LF	>10" To 18" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop	57.21	2.92
		For Up To 25 LF, Add	*9.29*	
		For >25 To 100 LF, Add	*4.64*	
		For >1,000 LF, Deduct	*-0.89*	
07 71 19 00-0047		0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop *(07 71 19 00-0038)*		
07 71 19 00-0048	LF	4" To 6" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop	57.55	2.26
		For Up To 25 LF, Add	*8.42*	
		For >25 To 100 LF, Add	*4.21*	
		For >1,000 LF, Deduct	*-0.67*	
07 71 19 00-0049	LF	>6" To 10" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop	59.34	2.66
		For Up To 25 LF, Add	*9.08*	
		For >25 To 100 LF, Add	*4.54*	
		For >1,000 LF, Deduct	*-0.79*	
07 71 19 00-0050	LF	>10" To 18" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop	60.84	2.92
		For Up To 25 LF, Add	*9.65*	
		For >25 To 100 LF, Add	*4.82*	
		For >1,000 LF, Deduct	*-0.89*	
07 71 19 00-0051		0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop *(07 71 19 00-0038)*		
07 71 19 00-0052	LF	4" To 6" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop	60.33	2.26
		For Up To 25 LF, Add	*8.70*	
		For >25 To 100 LF, Add	*4.35*	
		For >1,000 LF, Deduct	*-0.67*	
07 71 19 00-0053	LF	>6" To 10" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop	62.23	2.66
		For Up To 25 LF, Add	*9.37*	
		For >25 To 100 LF, Add	*4.68*	
		For >1,000 LF, Deduct	*-0.79*	
07 71 19 00-0054	LF	>10" To 18" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop	63.84	2.92
		For Up To 25 LF, Add	*9.95*	
		For >25 To 100 LF, Add	*4.97*	
		For >1,000 LF, Deduct	*-0.89*	
07 71 19 00-0055		Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0002)*		
		Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 19 00-0056		KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0055)*		
07 71 19 00-0057		0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0056)*		
07 71 19 00-0058	LF	4" To 6" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	47.63	2.40
		For Up To 25 LF, Add	*7.69*	
		For >25 To 100 LF, Add	*3.85*	
		For >1,000 LF, Deduct	*-0.73*	
07 71 19 00-0059	LF	>6" To 10" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	50.70	2.86
		For Up To 25 LF, Add	*8.53*	
		For >25 To 100 LF, Add	*4.27*	
		For >1,000 LF, Deduct	*-0.87*	
07 71 19 00-0060	LF	>10" To 18" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	54.18	3.26
		For Up To 25 LF, Add	*9.36*	
		For >25 To 100 LF, Add	*4.68*	
		For >1,000 LF, Deduct	*-0.99*	
07 71 19 00-0061		0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0056)*		
07 71 19 00-0062	LF	4" To 6" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	50.25	2.40
		For Up To 25 LF, Add	*7.95*	
		For >25 To 100 LF, Add	*3.98*	
		For >1,000 LF, Deduct	*-0.73*	
07 71 19 00-0063	LF	>6" To 10" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	53.43	2.86
		For Up To 25 LF, Add	*8.80*	
		For >25 To 100 LF, Add	*4.40*	
		For >1,000 LF, Deduct	*-0.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0064	LF	>10" To 18" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	57.06	3.26
		For Up To 25 LF, Add	*9.65*	
		For >25 To 100 LF, Add	*4.82*	
		For >1,000 LF, Deduct	*-0.99*	
07 71 19 00-0065		0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0056)*		
07 71 19 00-0066	LF	4" To 6" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	53.66	2.40
		For Up To 25 LF, Add	*8.29*	
		For >25 To 100 LF, Add	*4.15*	
		For >1,000 LF, Deduct	*-0.73*	
07 71 19 00-0067	LF	>6" To 10" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	56.70	2.86
		For Up To 25 LF, Add	*9.13*	
		For >25 To 100 LF, Add	*4.57*	
		For >1,000 LF, Deduct	*-0.87*	
07 71 19 00-0068	LF	>10" To 18" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	60.69	3.26
		For Up To 25 LF, Add	*10.01*	
		For >25 To 100 LF, Add	*5.00*	
		For >1,000 LF, Deduct	*-0.99*	
07 71 19 00-0069		0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0056)*		
07 71 19 00-0070	LF	4" To 6" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	55.98	2.40
		For Up To 25 LF, Add	*8.53*	
		For >25 To 100 LF, Add	*4.26*	
		For >1,000 LF, Deduct	*-0.73*	
07 71 19 00-0071	LF	>6" To 10" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	59.10	2.86
		For Up To 25 LF, Add	*9.37*	
		For >25 To 100 LF, Add	*4.69*	
		For >1,000 LF, Deduct	*-0.87*	
07 71 19 00-0072	LF	>10" To 18" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	63.24	3.26
		For Up To 25 LF, Add	*10.26*	
		For >25 To 100 LF, Add	*5.13*	
		For >1,000 LF, Deduct	*-0.99*	
07 71 19 00-0073		Mill Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0055)*		
07 71 19 00-0074		0.032" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0073)*		
07 71 19 00-0075	LF	4" To 6" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	35.12	2.40
		For Up To 25 LF, Add	*6.44*	
		For >25 To 100 LF, Add	*3.22*	
		For >1,000 LF, Deduct	*-0.73*	
07 71 19 00-0076	LF	>6" To 10" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	37.65	2.86
		For Up To 25 LF, Add	*7.23*	
		For >25 To 100 LF, Add	*3.61*	
		For >1,000 LF, Deduct	*-0.87*	
07 71 19 00-0077	LF	>10" To 18" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	40.54	3.26
		For Up To 25 LF, Add	*7.99*	
		For >25 To 100 LF, Add	*4.00*	
		For >1,000 LF, Deduct	*-0.99*	
07 71 19 00-0078		0.040" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0073)*		
07 71 19 00-0079	LF	4" To 6" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	36.93	2.40
		For Up To 25 LF, Add	*6.62*	
		For >25 To 100 LF, Add	*3.31*	
		For >1,000 LF, Deduct	*-0.73*	
07 71 19 00-0080	LF	>6" To 10" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	39.53	2.86
		For Up To 25 LF, Add	*7.41*	
		For >25 To 100 LF, Add	*3.71*	
		For >1,000 LF, Deduct	*-0.87*	
07 71 19 00-0081	LF	>10" To 18" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	42.54	3.26
		For Up To 25 LF, Add	*8.19*	
		For >25 To 100 LF, Add	*4.10*	
		For >1,000 LF, Deduct	*-0.99*	
07 71 19 00-0082		0.050" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0073)*		
07 71 19 00-0083	LF	4" To 6" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	39.28	2.40
		For Up To 25 LF, Add	*6.86*	
		For >25 To 100 LF, Add	*3.43*	
		For >1,000 LF, Deduct	*-0.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0084	LF	>6" To 10" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	41.79	2.86
		For Up To 25 LF, Add	*7.64*	
		For >25 To 100 LF, Add	*3.82*	
		For >1,000 LF, Deduct	*-0.87*	
07 71 19 00-0085	LF	>10" To 18" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	44.90	3.26
		For Up To 25 LF, Add	*8.43*	
		For >25 To 100 LF, Add	*4.22*	
		For >1,000 LF, Deduct	*-0.99*	

07 71 19 00-0086 0.063" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0073)*

07 71 19 00-0087	LF	4" To 6" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	40.88	2.40
		For Up To 25 LF, Add	*7.02*	
		For >25 To 100 LF, Add	*3.51*	
		For >1,000 LF, Deduct	*-0.73*	
07 71 19 00-0088	LF	>6" To 10" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	43.44	2.86
		For Up To 25 LF, Add	*7.80*	
		For >25 To 100 LF, Add	*3.90*	
		For >1,000 LF, Deduct	*-0.87*	
07 71 19 00-0089	LF	>10" To 18" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	46.65	3.26
		For Up To 25 LF, Add	*8.61*	
		For >25 To 100 LF, Add	*4.30*	
		For >1,000 LF, Deduct	*-0.99*	

07 71 19 00-0090 Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0055)*

07 71 19 00-0091 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0090)*

07 71 19 00-0092	LF	4" To 6" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	55.69	2.40
		For Up To 25 LF, Add	*8.50*	
		For >25 To 100 LF, Add	*4.25*	
		For >1,000 LF, Deduct	*-0.73*	
07 71 19 00-0093	LF	>6" To 10" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	59.11	2.86
		For Up To 25 LF, Add	*9.37*	
		For >25 To 100 LF, Add	*4.69*	
		For >1,000 LF, Deduct	*-0.87*	
07 71 19 00-0094	LF	>10" To 18" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	62.71	3.26
		For Up To 25 LF, Add	*10.21*	
		For >25 To 100 LF, Add	*5.11*	
		For >1,000 LF, Deduct	*-0.99*	

07 71 19 00-0095 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0090)*

07 71 19 00-0096	LF	4" To 6" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	58.83	2.40
		For Up To 25 LF, Add	*8.81*	
		For >25 To 100 LF, Add	*4.41*	
		For >1,000 LF, Deduct	*-0.73*	
07 71 19 00-0097	LF	>6" To 10" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	62.39	2.86
		For Up To 25 LF, Add	*9.70*	
		For >25 To 100 LF, Add	*4.85*	
		For >1,000 LF, Deduct	*-0.87*	
07 71 19 00-0098	LF	>10" To 18" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	66.14	3.26
		For Up To 25 LF, Add	*10.55*	
		For >25 To 100 LF, Add	*5.28*	
		For >1,000 LF, Deduct	*-0.99*	

07 71 19 00-0099 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0090)*

07 71 19 00-0100	LF	4" To 6" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	62.93	2.40
		For Up To 25 LF, Add	*9.22*	
		For >25 To 100 LF, Add	*4.61*	
		For >1,000 LF, Deduct	*-0.73*	
07 71 19 00-0101	LF	>6" To 10" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	66.31	2.86
		For Up To 25 LF, Add	*10.09*	
		For >25 To 100 LF, Add	*5.05*	
		For >1,000 LF, Deduct	*-0.87*	
07 71 19 00-0102	LF	>10" To 18" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	69.77	3.26
		For Up To 25 LF, Add	*10.92*	
		For >25 To 100 LF, Add	*5.46*	
		For >1,000 LF, Deduct	*-0.99*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0103		0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0090)*		
07 71 19 00-0104	LF	4" To 6" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	65.71	2.40
		For Up To 25 LF, Add	*9.50*	
		For >25 To 100 LF, Add	*4.75*	
		For >1,000 LF, Deduct	*-0.73*	
07 71 19 00-0105	LF	>6" To 10" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	69.19	2.86
		For Up To 25 LF, Add	*10.38*	
		For >25 To 100 LF, Add	*5.19*	
		For >1,000 LF, Deduct	*-0.87*	
07 71 19 00-0106	LF	>10" To 18" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	72.77	3.26
		For Up To 25 LF, Add	*11.22*	
		For >25 To 100 LF, Add	*5.61*	
		For >1,000 LF, Deduct	*-0.99*	
07 71 19 00-0107		Stainless Steel Gravel Stop *(07 71 19 00-0001)*		
07 71 19 00-0108		Stainless Steel Gravel Stop *(07 71 19 00-0107)*		
07 71 19 00-0109		26 Gauge, Stainless Steel Gravel Stop *(07 71 19 00-0108)*		
07 71 19 00-0110	LF	4" To 6" Face Height, 26 Gauge, Stainless Steel Gravel Stop	40.51	2.26
		For Up To 25 LF, Add	*6.72*	
		For >25 To 100 LF, Add	*3.36*	
		For >1,000 LF, Deduct	*-0.67*	
07 71 19 00-0111	LF	>6" To 10" Face Height, 26 Gauge, Stainless Steel Gravel Stop	53.16	2.66
		For Up To 25 LF, Add	*8.46*	
		For >25 To 100 LF, Add	*4.23*	
		For >1,000 LF, Deduct	*-0.79*	
07 71 19 00-0112	LF	>10" To 18" Face Height, 26 Gauge, Stainless Steel Gravel Stop	78.65	2.92
		For Up To 25 LF, Add	*11.43*	
		For >25 To 100 LF, Add	*5.71*	
		For >1,000 LF, Deduct	*-0.89*	
07 71 19 00-0113		24 Gauge, Stainless Steel Gravel Stop *(07 71 19 00-0108)*		
07 71 19 00-0114	LF	4" To 6" Face Height, 24 Gauge, Stainless Steel Gravel Stop	50.32	2.26
		For Up To 25 LF, Add	*7.70*	
		For >25 To 100 LF, Add	*3.85*	
		For >1,000 LF, Deduct	*-0.67*	
07 71 19 00-0115	LF	>6" To 10" Face Height, 24 Gauge, Stainless Steel Gravel Stop	66.25	2.66
		For Up To 25 LF, Add	*9.77*	
		For >25 To 100 LF, Add	*4.88*	
		For >1,000 LF, Deduct	*-0.79*	
07 71 19 00-0116	LF	>10" To 18" Face Height, 24 Gauge, Stainless Steel Gravel Stop	98.28	2.92
		For Up To 25 LF, Add	*13.39*	
		For >25 To 100 LF, Add	*6.70*	
		For >1,000 LF, Deduct	*-0.89*	
07 71 19 00-0117		22 Gauge, Stainless Steel Gravel Stop *(07 71 19 00-0108)*		
07 71 19 00-0118	LF	4" To 6" Face Height, 22 Gauge, Stainless Steel Gravel Stop	60.75	2.26
		For Up To 25 LF, Add	*8.74*	
		For >25 To 100 LF, Add	*4.37*	
		For >1,000 LF, Deduct	*-0.67*	
07 71 19 00-0119	LF	>6" To 10" Face Height, 22 Gauge, Stainless Steel Gravel Stop	80.15	2.66
		For Up To 25 LF, Add	*11.16*	
		For >25 To 100 LF, Add	*5.58*	
		For >1,000 LF, Deduct	*-0.79*	
07 71 19 00-0120	LF	>10" To 18" Face Height, 22 Gauge, Stainless Steel Gravel Stop	119.14	2.92
		For Up To 25 LF, Add	*15.48*	
		For >25 To 100 LF, Add	*7.74*	
		For >1,000 LF, Deduct	*-0.89*	
07 71 19 00-0121		Stainless Steel Gravel Stop System With Continuous Cleat *(07 71 19 00-0107)*		
		Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 19 00-0122		26 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat *(07 71 19 00-0121)*		
07 71 19 00-0123	LF	4" To 6" Face Height, 26 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	47.81	2.40
		For Up To 25 LF, Add	*7.71*	
		For >25 To 100 LF, Add	*3.85*	
		For >1,000 LF, Deduct	*-0.73*	
07 71 19 00-0124	LF	>6" To 10" Face Height, 26 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	62.64	2.86
		For Up To 25 LF, Add	*9.72*	
		For >25 To 100 LF, Add	*4.86*	
		For >1,000 LF, Deduct	*-0.87*	
07 71 19 00-0125	LF	>10" To 18" Face Height, 26 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	90.83	3.26
		For Up To 25 LF, Add	*13.02*	
		For >25 To 100 LF, Add	*6.51*	
		For >1,000 LF, Deduct	*-0.99*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0126		24 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat *(07 71 19 00-0121)*		
07 71 19 00-0127	LF	4" To 6" Face Height, 24 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	57.63	2.40
		For Up To 25 LF, Add	*8.69*	
		For >25 To 100 LF, Add	*4.35*	
		For >1,000 LF, Deduct	*-0.73*	
07 71 19 00-0128	LF	>6" To 10" Face Height, 24 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	75.73	2.86
		For Up To 25 LF, Add	*11.03*	
		For >25 To 100 LF, Add	*5.52*	
		For >1,000 LF, Deduct	*-0.87*	
07 71 19 00-0129	LF	>10" To 18" Face Height, 24 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	110.47	3.26
		For Up To 25 LF, Add	*14.99*	
		For >25 To 100 LF, Add	*7.49*	
		For >1,000 LF, Deduct	*-0.99*	
07 71 19 00-0130		22 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat *(07 71 19 00-0121)*		
07 71 19 00-0131	LF	4" To 6" Face Height, 22 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	68.06	2.40
		For Up To 25 LF, Add	*9.73*	
		For >25 To 100 LF, Add	*4.87*	
		For >1,000 LF, Deduct	*-0.73*	
07 71 19 00-0132	LF	>6" To 10" Face Height, 22 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	89.63	2.86
		For Up To 25 LF, Add	*12.42*	
		For >25 To 100 LF, Add	*6.21*	
		For >1,000 LF, Deduct	*-0.87*	
07 71 19 00-0133	LF	>10" To 18" Face Height, 22 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	131.33	3.26
		For Up To 25 LF, Add	*17.07*	
		For >25 To 100 LF, Add	*8.54*	
		For >1,000 LF, Deduct	*-0.99*	
07 71 19 00-0134		Galvanized Steel Gravel Stop *(07 71 19 00-0001)*		
07 71 19 00-0135		Galvanized Steel Gravel Stop *(07 71 19 00-0134)*		
07 71 19 00-0136		KYNAR 500® Finish, Galvanized Steel Gravel Stop *(07 71 19 00-0135)*		
07 71 19 00-0137		24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop *(07 71 19 00-0136)*		
07 71 19 00-0138	LF	4" To 6" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop	38.78	2.26
		For Up To 25 LF, Add	*6.54*	
		For >25 To 100 LF, Add	*3.27*	
		For >1,000 LF, Deduct	*-0.67*	
07 71 19 00-0139	LF	>6" To 10" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop	40.21	2.66
		For Up To 25 LF, Add	*7.17*	
		For >25 To 100 LF, Add	*3.58*	
		For >1,000 LF, Deduct	*-0.79*	
07 71 19 00-0140	LF	>10" To 18" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop	41.89	2.92
		For Up To 25 LF, Add	*7.75*	
		For >25 To 100 LF, Add	*3.88*	
		For >1,000 LF, Deduct	*-0.89*	
07 71 19 00-0141		Galvanized Steel Gravel Stop System With Continuous Cleat *(07 71 19 00-0134)*		
		Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 19 00-0142		KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat *(07 71 19 00-0141)*		
07 71 19 00-0143		24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat *(07 71 19 00-0142)*		
07 71 19 00-0144	LF	4" To 6" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat	44.31	2.40
		For Up To 25 LF, Add	*7.36*	
		For >25 To 100 LF, Add	*3.68*	
		For >1,000 LF, Deduct	*-0.73*	
07 71 19 00-0145	LF	>6" To 10" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat	47.37	2.86
		For Up To 25 LF, Add	*8.20*	
		For >25 To 100 LF, Add	*4.10*	
		For >1,000 LF, Deduct	*-0.87*	
07 71 19 00-0146	LF	>10" To 18" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat	51.08	3.26
		For Up To 25 LF, Add	*9.05*	
		For >25 To 100 LF, Add	*4.52*	
		For >1,000 LF, Deduct	*-0.99*	
07 71 19 00-0147		Copper Gravel Stop *(07 71 19 00-0001)*		
07 71 19 00-0148		Copper Gravel Stop *(07 71 19 00-0147)*		
07 71 19 00-0149		20 Ounce, Copper Gravel Stop *(07 71 19 00-0148)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0150	LF	4" To 6" Face Height, 20 Ounce, Copper Gravel Stop	64.59	2.26
		For Up To 25 LF, Add	*9.12*	
		For >25 To 100 LF, Add	*4.56*	
		For >1,000 LF, Deduct	*-0.67*	
07 71 19 00-0151	LF	>6" To 10" Face Height, 20 Ounce, Copper Gravel Stop	73.98	2.66
		For Up To 25 LF, Add	*10.54*	
		For >25 To 100 LF, Add	*5.27*	
		For >1,000 LF, Deduct	*-0.79*	
07 71 19 00-0152	LF	>10" To 18" Face Height, 20 Ounce, Copper Gravel Stop	85.44	2.92
		For Up To 25 LF, Add	*12.11*	
		For >25 To 100 LF, Add	*6.05*	
		For >1,000 LF, Deduct	*-0.89*	

07 71 19 00-0153 16 Ounce, Copper Gravel Stop *(07 71 19 00-0148)*

07 71 19 00-0154	LF	4" To 6" Face Height, 16 Ounce, Copper Gravel Stop	78.33	2.26
		For Up To 25 LF, Add	*10.50*	
		For >25 To 100 LF, Add	*5.25*	
		For >1,000 LF, Deduct	*-0.67*	
07 71 19 00-0155	LF	>6" To 10" Face Height, 16 Ounce, Copper Gravel Stop	90.77	2.66
		For Up To 25 LF, Add	*12.22*	
		For >25 To 100 LF, Add	*6.11*	
		For >1,000 LF, Deduct	*-0.79*	
07 71 19 00-0156	LF	>10" To 18" Face Height, 16 Ounce, Copper Gravel Stop	103.76	2.92
		For Up To 25 LF, Add	*13.94*	
		For >25 To 100 LF, Add	*6.97*	
		For >1,000 LF, Deduct	*-0.89*	

07 71 19 00-0157 Copper Gravel Stop System With Continuous Cleat *(07 71 19 00-0147)*

Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.

07 71 19 00-0158 20 Ounce, Copper Gravel Stop System With Continuous Cleat *(07 71 19 00-0157)*

07 71 19 00-0159	LF	4" To 6" Face Height, 20 Ounce, Copper Gravel Stop System With Continuous Cleat	67.24	2.40
		For Up To 25 LF, Add	*9.65*	
		For >25 To 100 LF, Add	*4.83*	
		For >1,000 LF, Deduct	*-0.73*	
07 71 19 00-0160	LF	>6" To 10" Face Height, 20 Ounce, Copper Gravel Stop System With Continuous Cleat	77.36	2.86
		For Up To 25 LF, Add	*11.20*	
		For >25 To 100 LF, Add	*5.60*	
		For >1,000 LF, Deduct	*-0.87*	
07 71 19 00-0161	LF	>10" To 18" Face Height, 20 Ounce, Copper Gravel Stop System With Continuous Cleat	89.74	3.26
		For Up To 25 LF, Add	*12.91*	
		For >25 To 100 LF, Add	*6.46*	
		For >1,000 LF, Deduct	*-0.99*	

07 71 19 00-0162 16 Ounce, Copper Gravel Stop System With Continuous Cleat *(07 71 19 00-0157)*

07 71 19 00-0163	LF	4" To 6" Face Height, 16 Ounce, Copper Gravel Stop System With Continuous Cleat	80.98	2.40
		For Up To 25 LF, Add	*11.03*	
		For >25 To 100 LF, Add	*5.51*	
		For >1,000 LF, Deduct	*-0.73*	
07 71 19 00-0164	LF	>6" To 10" Face Height, 16 Ounce, Copper Gravel Stop System With Continuous Cleat	94.16	2.86
		For Up To 25 LF, Add	*12.88*	
		For >25 To 100 LF, Add	*6.44*	
		For >1,000 LF, Deduct	*-0.87*	
07 71 19 00-0165	LF	>10" To 18" Face Height, 16 Ounce, Copper Gravel Stop System With Continuous Cleat	108.06	3.26
		For Up To 25 LF, Add	*14.75*	
		For >25 To 100 LF, Add	*7.37*	
		For >1,000 LF, Deduct	*-0.99*	

07 71 19 00-0166 Fascia *(07 71 19)*

07 71 19 00-0167 Snap-On Cover Fascia *(07 71 19 00-0166)*

Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.

07 71 19 00-0168 Galvanized Steel Snap-On Cover Fascia *(07 71 19 00-0167)*

07 71 19 00-0169 KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia *(07 71 19 00-0168)*

07 71 19 00-0170 24 Gauge, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia *(07 71 19 00-0169)*

07 71 19 00-0171	LF	3" To 5" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Cleat	47.31	3.33
		For Up To 25 LF, Add	*7.40*	
		For >25 To 100 LF, Add	*3.70*	
		For >1,000 LF, Deduct	*-0.67*	
07 71 19 00-0172	LF	>5" To 7" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Cleat	53.18	3.46
		For Up To 25 LF, Add	*8.09*	
		For >25 To 100 LF, Add	*4.04*	
		For >1,000 LF, Deduct	*-0.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0173	LF	>7" To 9" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Cleat	56.95	3.59
		For Up To 25 LF, Add	*8.57*	
		For >25 To 100 LF, Add	*4.29*	
		For >1,000 LF, Deduct	*-0.72*	
07 71 19 00-0174		Accessories For KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems *(07 71 19 00-0169)*		
07 71 19 00-0175		Fascia Sumps For KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems *(07 71 19 00-0174)*		
07 71 19 00-0176	EA	Fascia Sump For 3" To 5" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems	326.96	4.66
07 71 19 00-0177	EA	Fascia Sump For >5" To 7" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems	349.18	4.66
07 71 19 00-0178	EA	Fascia Sump For >7" To 9" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems	363.14	4.66
07 71 19 00-0179		Fascia Spillout Scuppers For KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems *(07 71 19 00-0174)*		
07 71 19 00-0180	EA	Fascia Spillout Scupper For 3" To 5" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems	266.45	4.66
07 71 19 00-0181	EA	Fascia Spillout Scupper For >5" To 7" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems	277.67	4.66
07 71 19 00-0182	EA	Fascia Spillout Scupper For >7" To 9" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems	284.50	4.66
07 71 19 00-0183		Aluminum Snap-On Cover Fascia *(07 71 19 00-0167)*		
07 71 19 00-0184		KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat *(07 71 19 00-0183)*		
07 71 19 00-0185		0.040" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat *(07 71 19 00-0184)*		
07 71 19 00-0186	LF	3" To 5" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	27.01	3.33
		For Up To 25 LF, Add	*5.37*	
		For >25 To 100 LF, Add	*2.68*	
		For >1,000 LF, Deduct	*-0.67*	
07 71 19 00-0187	LF	>5" To 7" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	30.48	3.46
		For Up To 25 LF, Add	*5.82*	
		For >25 To 100 LF, Add	*2.91*	
		For >1,000 LF, Deduct	*-0.69*	
07 71 19 00-0188	LF	>7" To 9" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	32.33	3.59
		For Up To 25 LF, Add	*6.11*	
		For >25 To 100 LF, Add	*3.05*	
		For >1,000 LF, Deduct	*-0.72*	
07 71 19 00-0189		0.050" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat *(07 71 19 00-0184)*		
07 71 19 00-0190	LF	3" To 5" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	28.34	3.33
		For Up To 25 LF, Add	*5.50*	
		For >25 To 100 LF, Add	*2.75*	
		For >1,000 LF, Deduct	*-0.67*	
07 71 19 00-0191	LF	>5" To 7" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	32.19	3.46
		For Up To 25 LF, Add	*5.99*	
		For >25 To 100 LF, Add	*2.99*	
		For >1,000 LF, Deduct	*-0.69*	
07 71 19 00-0192	LF	>7" To 9" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	34.25	3.59
		For Up To 25 LF, Add	*6.30*	
		For >25 To 100 LF, Add	*3.15*	
		For >1,000 LF, Deduct	*-0.72*	
07 71 19 00-0193		Accessories For KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems *(07 71 19 00-0184)*		
07 71 19 00-0194		Fascia Sumps For KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems *(07 71 19 00-0193)*		
07 71 19 00-0195	EA	Fascia Sump For 3" To 5" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems	171.26	4.66
07 71 19 00-0196	EA	Fascia Sump For >5" To 7" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems	185.64	4.66
07 71 19 00-0197	EA	Fascia Sump For >7" To 9" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems	191.93	4.66

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0198		Fascia Spillout Scuppers For KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems *(07 71 19 00-0193)*		
07 71 19 00-0199	EA	Fascia Spillout Scupper For 3" To 5" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems	135.80	4.66
07 71 19 00-0200	EA	Fascia Spillout Scupper For >5" To 7" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems	142.97	4.66
07 71 19 00-0201	EA	Fascia Spillout Scupper For >7" To 9" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems	146.10	4.66
07 71 19 00-0202		Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat *(07 71 19 00-0183)*		
07 71 19 00-0203		0.040" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat *(07 71 19 00-0202)*		
07 71 19 00-0204	LF	3" To 5" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	31.08	3.33
		For Up To 25 LF, Add	*5.77*	
		For >25 To 100 LF, Add	*2.89*	
		For >1,000 LF, Deduct	*-0.67*	
07 71 19 00-0205	LF	>5" To 7" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	35.19	3.46
		For Up To 25 LF, Add	*6.29*	
		For >25 To 100 LF, Add	*3.14*	
		For >1,000 LF, Deduct	*-0.69*	
07 71 19 00-0206	LF	>7" To 9" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	37.35	3.59
		For Up To 25 LF, Add	*6.61*	
		For >25 To 100 LF, Add	*3.31*	
		For >1,000 LF, Deduct	*-0.72*	
07 71 19 00-0207		0.050" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat *(07 71 19 00-0202)*		
07 71 19 00-0208	LF	3" To 5" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	32.67	3.33
		For Up To 25 LF, Add	*5.93*	
		For >25 To 100 LF, Add	*2.97*	
		For >1,000 LF, Deduct	*-0.67*	
07 71 19 00-0209	LF	>5" To 7" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	37.24	3.46
		For Up To 25 LF, Add	*6.49*	
		For >25 To 100 LF, Add	*3.25*	
		For >1,000 LF, Deduct	*-0.69*	
07 71 19 00-0210	LF	>7" To 9" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	39.66	3.59
		For Up To 25 LF, Add	*6.84*	
		For >25 To 100 LF, Add	*3.42*	
		For >1,000 LF, Deduct	*-0.72*	
07 71 19 00-0211		Accessories For Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems *(07 71 19 00-0202)*		
07 71 19 00-0212		Fascia Sumps For Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems *(07 71 19 00-0211)*		
07 71 19 00-0213	EA	Fascia Sump For 3" To 5" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems	211.74	4.66
07 71 19 00-0214	EA	Fascia Sump For >5" To 7" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems	229.72	4.66
07 71 19 00-0215	EA	Fascia Sump For >7" To 9" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems	237.58	4.66
07 71 19 00-0216		Fascia Spillout Scuppers For Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems *(07 71 19 00-0211)*		
07 71 19 00-0217	EA	Fascia Spillout Scupper For 3" To 5" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems	167.42	4.66
07 71 19 00-0218	EA	Fascia Spillout Scupper For >5" To 7" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems	176.38	4.66
07 71 19 00-0219	EA	Fascia Spillout Scupper For >7" To 9" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems	180.30	4.66
07 71 23		**Manufactured Gutters and Downspouts** *(07 71)*		
		Note: Includes all necessary support straps.		
07 71 23 00-0001		Aluminum Gutters And Downspouts *(07 71 23)*		
07 71 23 00-0002		Aluminum Gutters *(07 71 23 00-0001)*		
		Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.		
07 71 23 00-0003		K-Style Aluminum Gutters *(07 71 23 00-0002)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0004	LF	5", 0.027" Thick, K-Style Aluminum Gutter	11.36	4.84
		For Up To 100', Add	*2.33*	
		For >100' To 250', Add	*0.97*	
		For >1,000', Deduct	*-0.80*	
		For Kynar 500® Finish, Add	*1.52*	
07 71 23 00-0005	LF	6", 0.027" Thick, K-Style Aluminum Gutter	12.68	5.10
		For Up To 100', Add	*2.52*	
		For >100' To 250', Add	*1.05*	
		For >1,000', Deduct	*-0.84*	
		For Kynar 500® Finish, Add	*1.94*	
07 71 23 00-0006	LF	5", 0.032" Thick, K-Style Aluminum Gutter	11.85	4.84
		For Up To 100', Add	*2.38*	
		For >100' To 250', Add	*0.99*	
		For >1,000', Deduct	*-0.80*	
		For Kynar 500® Finish, Add	*1.74*	
07 71 23 00-0007	LF	6", 0.032" Thick, K-Style Aluminum Gutter	13.31	5.10
		For Up To 100', Add	*2.59*	
		For >100' To 250', Add	*1.08*	
		For >1,000', Deduct	*-0.84*	
		For Kynar 500® Finish, Add	*2.22*	
07 71 23 00-0008	LF	7", 0.032" Thick, K-Style Aluminum Gutter	24.97	5.36
		For Up To 100', Add	*3.85*	
		For >100' To 250', Add	*1.70*	
		For >1,000', Deduct	*-0.90*	
		For Kynar 500® Finish, Add	*7.18*	
07 71 23 00-0009	LF	8", 0.032" Thick, K-Style Aluminum Gutter	27.38	6.02
		For Up To 100', Add	*4.23*	
		For >100' To 250', Add	*1.87*	
		For >1,000', Deduct	*-0.99*	
		For Kynar 500® Finish, Add	*7.85*	
07 71 23 00-0010	LF	8", 0.040" Thick, K-Style Aluminum Gutter	30.74	6.02
		For Up To 100', Add	*4.57*	
		For >100' To 250', Add	*2.03*	
		For >1,000', Deduct	*-0.99*	
		For Kynar 500® Finish, Add	*9.36*	

07 71 23 00-0011 Half Round Aluminum Gutters *(07 71 23 00-0002)*

07 71 23 00-0012	LF	5", 0.027" Thick, Half Round Aluminum Gutter	21.11	4.84
		For Up To 100', Add	*3.31*	
		For >100' To 250', Add	*1.45*	
		For >1,000', Deduct	*-0.80*	
		For Kynar 500® Finish, Add	*5.91*	
07 71 23 00-0013	LF	6", 0.032" Thick, Half Round Aluminum Gutter	25.46	5.10
		For Up To 100', Add	*3.80*	
		For >100' To 250', Add	*1.69*	
		For >1,000', Deduct	*-0.84*	
		For Kynar 500® Finish, Add	*7.69*	

07 71 23 00-0014 Box Style Aluminum Gutters *(07 71 23 00-0002)*

07 71 23 00-0015	LF	6", 0.027" Thick, Box Style Aluminum Gutter	22.12	6.02
		For Up To 100', Add	*3.70*	
		For >100' To 250', Add	*1.60*	
		For >1,000', Deduct	*-0.99*	
		For Kynar 500® Finish, Add	*5.48*	
07 71 23 00-0016	LF	6", 0.032" Thick, Box Style Aluminum Gutter	22.18	6.02
		For Up To 100', Add	*3.71*	
		For >100' To 250', Add	*1.61*	
		For >1,000', Deduct	*-0.99*	
		For Kynar 500® Finish, Add	*5.51*	
07 71 23 00-0017	LF	7", 0.032" Thick, Box Style Aluminum Gutter	25.84	6.41
		For Up To 100', Add	*4.17*	
		For >100' To 250', Add	*1.82*	
		For >1,000', Deduct	*-1.06*	
		For Kynar 500® Finish, Add	*6.86*	
07 71 23 00-0018	LF	8", 0.032" Thick, Box Style Aluminum Gutter	29.21	6.80
		For Up To 100', Add	*4.61*	
		For >100' To 250', Add	*2.02*	
		For >1,000', Deduct	*-1.13*	
		For Kynar 500® Finish, Add	*8.08*	

07 71 23 00-0019 Aluminum Gutter End Caps *(07 71 23 00-0001)*

07 71 23 00-0020 K-Style, Aluminum Gutter End Caps *(07 71 23 00-0019)*

07 71 23 00-0021	EA	5", K-Style Aluminum Gutter End Cap	3.79	
		For Kynar 500® Finish, Add	*0.53*	
07 71 23 00-0022	EA	6", K-Style Aluminum Gutter End Cap	4.75	
		For Kynar 500® Finish, Add	*0.96*	
07 71 23 00-0023	EA	7", K-Style Aluminum Gutter End Cap	10.56	
		For Kynar 500® Finish, Add	*3.57*	
07 71 23 00-0024	EA	8", K-Style Aluminum Gutter End Cap	12.33	
		For Kynar 500® Finish, Add	*4.37*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0025		Half Round, Aluminum Gutter End Caps *(07 71 23 00-0019)*		
07 71 23 00-0026	EA	5", Half Round Aluminum Gutter End Cap	6.23	
		For Kynar 500® Finish, Add	*1.62*	
07 71 23 00-0027	EA	6", Half Round Aluminum Gutter End Cap	9.76	
		For Kynar 500® Finish, Add	*3.21*	
07 71 23 00-0028		Box Style, Aluminum Gutter End Caps *(07 71 23 00-0019)*		
07 71 23 00-0029	EA	6", Box Style Aluminum Gutter End Cap	11.53	
		For Kynar 500® Finish, Add	*4.01*	
07 71 23 00-0030	EA	7", Box Style Aluminum Gutter End Cap	12.55	
		For Kynar 500® Finish, Add	*4.47*	
07 71 23 00-0031	EA	8", Box Style Aluminum Gutter End Cap	14.77	
		For Kynar 500® Finish, Add	*5.47*	
07 71 23 00-0032		Aluminum Gutter Miters *(07 71 23 00-0001)*		
		Note: Inside or outside miters.		
07 71 23 00-0033		K-Style, Aluminum Gutter Miters *(07 71 23 00-0032)*		
07 71 23 00-0034	EA	5", K-Style Aluminum Gutter Miter	22.50	
		For Kynar 500® Finish, Add	*4.18*	
07 71 23 00-0035	EA	6", K-Style Aluminum Gutter Miter	30.20	
		For Kynar 500® Finish, Add	*7.23*	
07 71 23 00-0036	EA	7", K-Style Aluminum Gutter Miter	92.40	
		For Kynar 500® Finish, Add	*34.81*	
07 71 23 00-0037	EA	8", K-Style Aluminum Gutter Miter	100.32	
		For Kynar 500® Finish, Add	*37.90*	
07 71 23 00-0038		Half Round, Aluminum Gutter Miters *(07 71 23 00-0032)*		
07 71 23 00-0039	EA	5", Half Round Aluminum Gutter Miter	39.54	
		For Kynar 500® Finish, Add	*11.85*	
07 71 23 00-0040	EA	6", Half Round Aluminum Gutter Miter	62.63	
		For Kynar 500® Finish, Add	*21.83*	
07 71 23 00-0041		Box Style, Aluminum Gutter Miters *(07 71 23 00-0032)*		
07 71 23 00-0042	EA	6", Box Style Aluminum Gutter Miter	74.76	
		For Kynar 500® Finish, Add	*27.28*	
07 71 23 00-0043	EA	7", Box Style Aluminum Gutter Miter	111.75	
		For Kynar 500® Finish, Add	*43.52*	
07 71 23 00-0044	EA	8", Box Style Aluminum Gutter Miter	121.38	
		For Kynar 500® Finish, Add	*47.38*	
07 71 23 00-0045		Aluminum Gutter Wire Strainers *(07 71 23 00-0001)*		
07 71 23 00-0046	EA	3" Diameter, Round Aluminum Wire Strainer	16.36	3.27
		For Kynar 500® Finish, Add	*4.30*	
		For 0.024" Thick, Add	*1.34*	
		For 0.027" Thick, Add	*2.77*	
		For 0.031" Thick, Add	*4.01*	
07 71 23 00-0047	EA	4" Diameter, Round Aluminum Wire Strainer	24.40	3.27
		For Kynar 500® Finish, Add	*7.92*	
		For 0.024" Thick, Add	*2.46*	
		For 0.027" Thick, Add	*5.10*	
		For 0.031" Thick, Add	*7.39*	
07 71 23 00-0048		Aluminum Downspouts *(07 71 23 00-0001)*		
		Note: Includes elbows, hangers and fasteners.		
07 71 23 00-0049		Round Aluminum Downspouts *(07 71 23 00-0048)*		
07 71 23 00-0050	LF	3" Diameter, 0.019" Thick, Round Aluminum Downspout	8.03	3.14
		For Up To 100', Add	*1.31*	
		For >100 To 250', Add	*0.57*	
		For >1,000', Deduct	*-0.34*	
		For Kynar 500® Finish, Add	*2.08*	
		For 0.024" Thick, Add	*0.65*	
		For 0.027" Thick, Add	*1.34*	
		For 0.031" Thick, Add	*1.94*	
07 71 23 00-0051	LF	4" Diameter, 0.019" Thick, Round Aluminum Downspout	9.12	3.14
		For Up To 100', Add	*1.42*	
		For >100 To 250', Add	*0.63*	
		For >1,000', Deduct	*-0.34*	
		For Kynar 500® Finish, Add	*2.57*	
		For 0.024" Thick, Add	*0.80*	
		For 0.027" Thick, Add	*1.66*	
		For 0.031" Thick, Add	*2.40*	
07 71 23 00-0052		Rectangular Aluminum Downspouts *(07 71 23 00-0048)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0053	LF	2" x 3", 0.019" Thick, Rectangular Aluminum Downspout	5.77	3.14
		For Up To 100', Add	*1.09*	
		For >100 To 250', Add	*0.46*	
		For >1,000', Deduct	*-0.34*	
		For Kynar 500® Finish, Add	*1.07*	
		For 0.024" Thick, Add	*0.33*	
		For 0.027" Thick, Add	*0.69*	
		For 0.031" Thick, Add	*1.00*	
07 71 23 00-0054	LF	3" x 4", 0.019" Thick, Rectangular Aluminum Downspout	7.15	3.14
		For Up To 100', Add	*1.23*	
		For >100 To 250', Add	*0.53*	
		For >1,000', Deduct	*-0.34*	
		For Kynar 500® Finish, Add	*1.69*	
		For 0.024" Thick, Add	*0.53*	
		For 0.027" Thick, Add	*1.09*	
		For 0.031" Thick, Add	*1.58*	
07 71 23 00-0055	LF	4" x 5", 0.019" Thick, Rectangular Aluminum Downspout	12.97	3.14
		For Up To 100', Add	*1.81*	
		For >100 To 250', Add	*0.82*	
		For >1,000', Deduct	*-0.34*	
		For Kynar 500® Finish, Add	*4.31*	
		For 0.024" Thick, Add	*1.34*	
		For 0.027" Thick, Add	*2.78*	
		For 0.031" Thick, Add	*4.02*	

07 71 23 00-0056 Aluminum Devices *(07 71 23 00-0001)*

07 71 23 00-0057	EA	Thru-Wall Aluminum Scupper Outlet	272.37	29.79
		For Kynar 500® Finish, Add	*77.87*	
07 71 23 00-0058	EA	Aluminum Leader/Conductor Head	267.74	33.11
		For Kynar 500® Finish, Add	*90.68*	

07 71 23 00-0059 Copper Gutters And Downspouts *(07 71 23)*

07 71 23 00-0060 Copper Gutters *(07 71 23 00-0059)*

Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.

07 71 23 00-0061 K-Style Copper Gutters *(07 71 23 00-0060)*

07 71 23 00-0062	LF	4", 16 Ounce, K-Style Copper Gutter	19.31	4.58
		For Up To 100', Add	*3.07*	
		For >100' To 250', Add	*1.35*	
		For >1,000', Deduct	*-0.76*	
07 71 23 00-0063	LF	5", 16 Ounce, K-Style Copper Gutter	27.03	4.84
		For Up To 100', Add	*3.90*	
		For >100' To 250', Add	*1.75*	
		For >1,000', Deduct	*-0.80*	
07 71 23 00-0064	LF	6", 16 Ounce, K-Style Copper Gutter	32.10	5.10
		For Up To 100', Add	*4.47*	
		For >100' To 250', Add	*2.02*	
		For >1,000', Deduct	*-0.84*	
07 71 23 00-0065	LF	5", 20 Ounce, K-Style Copper Gutter	33.87	4.84
		For Up To 100', Add	*4.58*	
		For >100' To 250', Add	*2.09*	
		For >1,000', Deduct	*-0.80*	
07 71 23 00-0066	LF	6", 20 Ounce, K-Style Copper Gutter	41.79	5.10
		For Up To 100', Add	*5.43*	
		For >100' To 250', Add	*2.51*	
		For >1,000', Deduct	*-0.84*	
07 71 23 00-0067	LF	7", 20 Ounce, K-Style Copper Gutter	48.73	5.36
		For Up To 100', Add	*6.23*	
		For >100' To 250', Add	*2.89*	
		For >1,000', Deduct	*-0.90*	
07 71 23 00-0068	LF	8", 20 Ounce, K-Style Copper Gutter	54.17	6.02
		For Up To 100', Add	*6.91*	
		For >100' To 250', Add	*3.21*	
		For >1,000', Deduct	*-0.99*	

07 71 23 00-0069 Half Round Copper Gutters *(07 71 23 00-0060)*

07 71 23 00-0070	LF	5", 16 Ounce, Half Round Copper Gutter	23.46	4.84
		For Up To 100', Add	*3.54*	
		For >100' To 250', Add	*1.57*	
		For >1,000', Deduct	*-0.80*	
07 71 23 00-0071	LF	6", 16 Ounce, Half Round Copper Gutter	29.44	5.10
		For Up To 100', Add	*4.20*	
		For >100' To 250', Add	*1.89*	
		For >1,000', Deduct	*-0.84*	
07 71 23 00-0072	LF	7", 16 Ounce, Half Round Copper Gutter	48.69	5.36
		For Up To 100', Add	*6.22*	
		For >100' To 250', Add	*2.89*	
		For >1,000', Deduct	*-0.90*	
07 71 23 00-0073	LF	5", 20 Ounce, Half Round Copper Gutter	27.20	4.84
		For Up To 100', Add	*3.92*	
		For >100' To 250', Add	*1.76*	
		For >1,000', Deduct	*-0.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0074	LF	6", 20 Ounce, Half Round Copper Gutter	33.41	5.10
		For Up To 100', Add	*4.60*	
		For >100' To 250', Add	*2.09*	
		For >1,000', Deduct	*-0.84*	
07 71 23 00-0075	LF	7", 20 Ounce, Half Round Copper Gutter	51.11	5.36
		For Up To 100', Add	*6.46*	
		For >100' To 250', Add	*3.01*	
		For >1,000', Deduct	*-0.90*	
07 71 23 00-0076	LF	8", 20 Ounce, Half Round Copper Gutter	58.03	6.02
		For Up To 100', Add	*7.29*	
		For >100' To 250', Add	*3.40*	
		For >1,000', Deduct	*-0.99*	
07 71 23 00-0077		Box Style Copper Gutters *(07 71 23 00-0060)*		
07 71 23 00-0078	LF	5", 16 Ounce, Box Style Copper Gutter	27.34	5.49
		For Up To 100', Add	*4.11*	
		For >100' To 250', Add	*1.83*	
		For >1,000', Deduct	*-0.92*	
07 71 23 00-0079	LF	6", 16 Ounce, Box Style Copper Gutter	29.42	6.02
		For Up To 100', Add	*4.43*	
		For >100' To 250', Add	*1.97*	
		For >1,000', Deduct	*-0.99*	
07 71 23 00-0080	LF	7", 16 Ounce, Box Style Copper Gutter	35.50	6.41
		For Up To 100', Add	*5.14*	
		For >100' To 250', Add	*2.30*	
		For >1,000', Deduct	*-1.06*	
07 71 23 00-0081	LF	8", 16 Ounce, Box Style Copper Gutter	36.31	6.80
		For Up To 100', Add	*5.32*	
		For >100' To 250', Add	*2.38*	
		For >1,000', Deduct	*-1.13*	
07 71 23 00-0082	LF	5", 20 Ounce, Box Style Copper Gutter	30.99	5.49
		For Up To 100', Add	*4.47*	
		For >100' To 250', Add	*2.01*	
		For >1,000', Deduct	*-0.92*	
07 71 23 00-0083	LF	6", 20 Ounce, Box Style Copper Gutter	33.07	6.02
		For Up To 100', Add	*4.80*	
		For >100' To 250', Add	*2.15*	
		For >1,000', Deduct	*-0.99*	
07 71 23 00-0084	LF	7", 20 Ounce, Box Style Copper Gutter	39.15	6.41
		For Up To 100', Add	*5.50*	
		For >100' To 250', Add	*2.49*	
		For >1,000', Deduct	*-1.06*	
07 71 23 00-0085	LF	8", 20 Ounce, Box Style Copper Gutter	39.96	6.80
		For Up To 100', Add	*5.68*	
		For >100' To 250', Add	*2.56*	
		For >1,000', Deduct	*-1.13*	
07 71 23 00-0086		Copper Gutter End Caps *(07 71 23 00-0059)*		
07 71 23 00-0087		K-Style, Copper Gutter End Caps *(07 71 23 00-0086)*		
07 71 23 00-0088	EA	4", K-Style Copper Gutter End Cap	6.66	
07 71 23 00-0089	EA	5", K-Style Copper Gutter End Cap	7.11	
07 71 23 00-0090	EA	6", K-Style Copper Gutter End Cap	7.55	
07 71 23 00-0091	EA	7", K-Style Copper Gutter End Cap	19.51	
07 71 23 00-0092	EA	8", K-Style Copper Gutter End Cap	23.71	
07 71 23 00-0093		Half Round, Copper Gutter End Caps *(07 71 23 00-0086)*		
07 71 23 00-0094	EA	4", Half Round Copper Gutter End Cap	7.99	
07 71 23 00-0095	EA	5", Half Round Copper Gutter End Cap	8.93	
07 71 23 00-0096	EA	6", Half Round Copper Gutter End Cap	13.31	
07 71 23 00-0097	EA	7", Half Round Copper Gutter End Cap	39.36	
07 71 23 00-0098	EA	8", Half Round Copper Gutter End Cap	46.43	
07 71 23 00-0099		Box Style, Copper Gutter End Caps *(07 71 23 00-0086)*		
07 71 23 00-0100	EA	5", Box Style Copper Gutter End Cap	15.03	
07 71 23 00-0101	EA	6", Box Style Copper Gutter End Cap	15.76	
07 71 23 00-0102	EA	7", Box Style Copper Gutter End Cap	16.49	
07 71 23 00-0103	EA	8", Box Style Copper Gutter End Cap	17.95	
07 71 23 00-0104		Copper Gutter Miters *(07 71 23 00-0059)*		
		Note: Inside or outside miters.		
07 71 23 00-0105		K-Style, Copper Gutter Miters *(07 71 23 00-0104)*		
07 71 23 00-0106	EA	4", K-Style Copper Gutter Miter	42.26	
07 71 23 00-0107	EA	5", K-Style Copper Gutter Miter	47.78	
07 71 23 00-0108	EA	6", K-Style Copper Gutter Miter	68.14	
07 71 23 00-0109	EA	7", K-Style Copper Gutter Miter	95.75	
07 71 23 00-0110	EA	8", K-Style Copper Gutter Miter	112.13	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0111		**Half Round, Copper Gutter Miters** *(07 71 23 00-0104)*		
07 71 23 00-0112	EA	4", Half Round Copper Gutter Miter	65.09	
07 71 23 00-0113	EA	5", Half Round Copper Gutter Miter	60.43	
07 71 23 00-0114	EA	6", Half Round Copper Gutter Miter	86.44	
07 71 23 00-0115	EA	7", Half Round Copper Gutter Miter	102.85	
07 71 23 00-0116	EA	8", Half Round Copper Gutter Miter	121.33	
07 71 23 00-0117		**Box Style, Copper Gutter Miters** *(07 71 23 00-0104)*		
07 71 23 00-0118	EA	5", 16 Ounce Box Style Copper Gutter Miter	71.55	
07 71 23 00-0119	EA	6", 16 Ounce Box Style Copper Gutter Miter	73.93	
07 71 23 00-0120	EA	7", 16 Ounce Box Style Copper Gutter Miter	80.68	
07 71 23 00-0121	EA	8", 16 Ounce Box Style Copper Gutter Miter	82.40	
07 71 23 00-0122	EA	5", 20 Ounce Box Style Copper Gutter Miter	78.85	
07 71 23 00-0123	EA	6", 20 Ounce Box Style Copper Gutter Miter	81.23	
07 71 23 00-0124	EA	7", 20 Ounce Box Style Copper Gutter Miter	87.98	
07 71 23 00-0125	EA	8", 20 Ounce Box Style Copper Gutter Miter	96.33	
07 71 23 00-0126		**Copper Gutter Wire Strainers** *(07 71 23 00-0059)*		
07 71 23 00-0127	EA	2" Diameter, Round Copper Wire Strainer	21.25	3.27
07 71 23 00-0128	EA	3" Diameter, Round Copper Wire Strainer	26.00	3.27
07 71 23 00-0129	EA	4" Diameter, Round Copper Wire Strainer	41.49	3.27
07 71 23 00-0130	EA	5" Diameter, Round Copper Wire Strainer	54.99	3.27
07 71 23 00-0131	EA	6" Diameter, Round Copper Wire Strainer	66.29	3.27
07 71 23 00-0132		**Copper Downspouts** *(07 71 23 00-0059)*		
		Note: Includes elbows, hangers and fasteners.		
07 71 23 00-0133		**Round Copper Downspouts** *(07 71 23 00-0132)*		
07 71 23 00-0134	LF	2" Diameter, 16 Ounce, Round Copper Downspout	26.56	3.14
		For Up To 100', Add	*3.17*	
		For >100 To 250', Add	*1.50*	
		For >1,000', Deduct	*-0.34*	
07 71 23 00-0135	LF	3" Diameter, 16 Ounce, Round Copper Downspout	18.65	3.14
		For Up To 100', Add	*2.38*	
		For >100 To 250', Add	*1.10*	
		For >1,000', Deduct	*-0.34*	
07 71 23 00-0136	LF	4" Diameter, 16 Ounce, Round Copper Downspout	23.37	3.14
		For Up To 100', Add	*2.85*	
		For >100 To 250', Add	*1.34*	
		For >1,000', Deduct	*-0.34*	
07 71 23 00-0137	LF	5" Diameter, 16 Ounce, Round Copper Downspout	37.05	3.14
		For Up To 100', Add	*4.22*	
		For >100 To 250', Add	*2.02*	
		For >1,000', Deduct	*-0.34*	
07 71 23 00-0138	LF	6" Diameter, 16 Ounce, Round Copper Downspout	47.49	3.14
		For Up To 100', Add	*5.26*	
		For >100 To 250', Add	*2.54*	
		For >1,000', Deduct	*-0.34*	
07 71 23 00-0139	LF	3" Diameter, 20 Ounce, Round Copper Downspout	25.05	3.14
		For Up To 100', Add	*3.02*	
		For >100 To 250', Add	*1.42*	
		For >1,000', Deduct	*-0.34*	
07 71 23 00-0140	LF	4" Diameter, 20 Ounce, Round Copper Downspout	32.35	3.14
		For Up To 100', Add	*3.75*	
		For >100 To 250', Add	*1.79*	
		For >1,000', Deduct	*-0.34*	
07 71 23 00-0141	LF	5" Diameter, 20 Ounce, Round Copper Downspout	48.91	3.14
		For Up To 100', Add	*5.40*	
		For >100 To 250', Add	*2.62*	
		For >1,000', Deduct	*-0.34*	
07 71 23 00-0142		**Square Copper Downspouts** *(07 71 23 00-0132)*		
07 71 23 00-0143	LF	3" Diameter, 16 Ounce, Square Copper Downspout	13.08	3.14
		For Up To 100', Add	*1.82*	
		For >100 To 250', Add	*0.82*	
		For >1,000', Deduct	*-0.34*	
07 71 23 00-0144	LF	4" Diameter, 16 Ounce, Square Copper Downspout	16.21	3.14
		For Up To 100', Add	*2.13*	
		For >100 To 250', Add	*0.98*	
		For >1,000', Deduct	*-0.34*	
07 71 23 00-0145	LF	5" Diameter, 16 Ounce, Square Copper Downspout	22.99	3.14
		For Up To 100', Add	*2.81*	
		For >100 To 250', Add	*1.32*	
		For >1,000', Deduct	*-0.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0146	LF	3" Diameter, 20 Ounce, Square Copper Downspout	15.01	3.14
		For Up To 100', Add	*2.01*	
		For >100 To 250', Add	*0.92*	
		For >1,000', Deduct	*-0.34*	
07 71 23 00-0147	LF	4" Diameter, 20 Ounce, Square Copper Downspout	18.93	3.14
		For Up To 100', Add	*2.40*	
		For >100 To 250', Add	*1.12*	
		For >1,000', Deduct	*-0.34*	
07 71 23 00-0148	LF	5" Diameter, 20 Ounce, Square Copper Downspout	26.97	3.14
		For Up To 100', Add	*3.21*	
		For >100 To 250', Add	*1.52*	
		For >1,000', Deduct	*-0.34*	

07 71 23 00-0149 Rectangular Copper Downspouts *(07 71 23 00-0132)*

07 71 23 00-0150	LF	2" x 3", 16 Ounce, Rectangular Copper Downspout	19.14	3.14
		For Up To 100', Add	*2.42*	
		For >100 To 250', Add	*1.13*	
		For >1,000', Deduct	*-0.34*	
07 71 23 00-0151	LF	3" x 4", 16 Ounce, Rectangular Copper Downspout	24.07	3.14
		For Up To 100', Add	*2.92*	
		For >100 To 250', Add	*1.37*	
		For >1,000', Deduct	*-0.34*	
07 71 23 00-0152	LF	4" x 5", 16 Ounce, Rectangular Copper Downspout	34.02	3.14
		For Up To 100', Add	*3.91*	
		For >100 To 250', Add	*1.87*	
		For >1,000', Deduct	*-0.34*	
07 71 23 00-0153	LF	2" x 3", 20 Ounce, Rectangular Copper Downspout	22.20	3.14
		For Up To 100', Add	*2.73*	
		For >100 To 250', Add	*1.28*	
		For >1,000', Deduct	*-0.34*	
07 71 23 00-0154	LF	3" x 4", 20 Ounce, Rectangular Copper Downspout	28.32	3.14
		For Up To 100', Add	*3.34*	
		For >100 To 250', Add	*1.59*	
		For >1,000', Deduct	*-0.34*	
07 71 23 00-0155	LF	4" x 5", 20 Ounce, Rectangular Copper Downspout	40.43	3.14
		For Up To 100', Add	*4.55*	
		For >100 To 250', Add	*2.19*	
		For >1,000', Deduct	*-0.34*	

07 71 23 00-0156 Copper Devices And Accessories *(07 71 23 00-0059)*

07 71 23 00-0157	EA	Thru-Wall Copper Scupper Outlet	231.12	29.79
07 71 23 00-0158	EA	Copper Leader/Conductor Head	317.12	33.11
07 71 23 00-0159	EA	Copper Eave Box	141.73	19.62

07 71 23 00-0160 Galvanized Steel Gutters And Downspouts *(07 71 23)*

07 71 23 00-0161 Galvanized Steel Gutters *(07 71 23 00-0160)*

Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.

07 71 23 00-0162 K-Style Galvanized Steel Gutters *(07 71 23 00-0161)*

07 71 23 00-0163	LF	5", 26 Gauge, K-Style Galvanized Steel Gutter	14.47	4.84
		For Up To 100', Add	*2.64*	
		For >100' To 250', Add	*1.12*	
		For >1,000', Deduct	*-0.80*	
		For Kynar 500® Finish, Add	*2.92*	
		For 24 Gauge, Add	*1.82*	
		For 22 Gauge, Add	*3.57*	
07 71 23 00-0164	LF	6", 26 Gauge, K-Style Galvanized Steel Gutter	16.84	5.10
		For Up To 100', Add	*2.94*	
		For >100' To 250', Add	*1.26*	
		For >1,000', Deduct	*-0.84*	
		For Kynar 500® Finish, Add	*3.81*	
		For 24 Gauge, Add	*2.37*	
		For 22 Gauge, Add	*4.66*	
07 71 23 00-0165	LF	7", 26 Gauge, K-Style Galvanized Steel Gutter	35.08	5.36
		For Up To 100', Add	*4.86*	
		For >100' To 250', Add	*2.21*	
		For >1,000', Deduct	*-0.90*	
		For Kynar 500® Finish, Add	*11.73*	
		For 24 Gauge, Add	*7.30*	
		For 22 Gauge, Add	*14.33*	
07 71 23 00-0166	LF	8", 26 Gauge, K-Style Galvanized Steel Gutter	36.99	6.02
		For Up To 100', Add	*5.19*	
		For >100' To 250', Add	*2.35*	
		For >1,000', Deduct	*-0.99*	
		For Kynar 500® Finish, Add	*12.17*	
		For 24 Gauge, Add	*7.57*	
		For 22 Gauge, Add	*14.88*	

07 71 23 00-0167 Half Round Galvanized Steel Gutters *(07 71 23 00-0161)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0168	LF	5", 26 Gauge, Half Round Galvanized Steel Gutter	21.17	4.84
		For Up To 100', Add	*3.31*	
		For >100' To 250', Add	*1.46*	
		For >1,000', Deduct	*-0.80*	
		For Kynar 500® Finish, Add	*5.94*	
		For 24 Gauge, Add	*3.69*	
		For 22 Gauge, Add	*7.25*	
07 71 23 00-0169	LF	6", 26 Gauge, Half Round Galvanized Steel Gutter	26.71	5.10
		For Up To 100', Add	*3.93*	
		For >100' To 250', Add	*1.75*	
		For >1,000', Deduct	*-0.84*	
		For Kynar 500® Finish, Add	*8.25*	
		For 24 Gauge, Add	*5.14*	
		For 22 Gauge, Add	*10.09*	
07 71 23 00-0170	LF	7", 26 Gauge, Half Round Galvanized Steel Gutter	67.44	5.36
		For Up To 100', Add	*8.10*	
		For >100' To 250', Add	*3.82*	
		For >1,000', Deduct	*-0.90*	
		For Kynar 500® Finish, Add	*26.29*	
		For 24 Gauge, Add	*16.36*	
		For 22 Gauge, Add	*32.13*	
07 71 23 00-0171	LF	8", 26 Gauge, Half Round Galvanized Steel Gutter	71.95	6.02
		For Up To 100', Add	*8.69*	
		For >100' To 250', Add	*4.09*	
		For >1,000', Deduct	*-0.99*	
		For Kynar 500® Finish, Add	*27.90*	
		For 24 Gauge, Add	*17.36*	
		For 22 Gauge, Add	*34.11*	

07 71 23 00-0172 Box Style Galvanized Steel Gutters *(07 71 23 00-0161)*

07 71 23 00-0173	LF	5", 24 Gauge, Box Style Galvanized Steel Gutter	25.34	5.49
		For Up To 100', Add	*3.91*	
		For >100' To 250', Add	*1.73*	
		For >1,000', Deduct	*-0.92*	
		For Kynar 500® Finish, Add	*7.28*	
		For 22 Gauge, Add	*3.56*	
07 71 23 00-0174	LF	6", 24 Gauge, Box Style Galvanized Steel Gutter	29.75	6.02
		For Up To 100', Add	*4.47*	
		For >100' To 250', Add	*1.98*	
		For >1,000', Deduct	*-0.99*	
		For Kynar 500® Finish, Add	*8.91*	
		For 22 Gauge, Add	*4.36*	
07 71 23 00-0175	LF	7", 24 Gauge, Box Style Galvanized Steel Gutter	37.66	5.36
		For Up To 100', Add	*5.12*	
		For >100' To 250', Add	*2.33*	
		For >1,000', Deduct	*-0.90*	
		For Kynar 500® Finish, Add	*12.89*	
		For 22 Gauge, Add	*6.30*	
07 71 23 00-0176	LF	8", 24 Gauge, Box Style Galvanized Steel Gutter	41.81	6.80
		For Up To 100', Add	*5.87*	
		For >100' To 250', Add	*2.65*	
		For >1,000', Deduct	*-1.13*	
		For Kynar 500® Finish, Add	*13.75*	
		For 22 Gauge, Add	*6.72*	

07 71 23 00-0177 Galvanized Steel Gutter End Caps *(07 71 23 00-0160)*

07 71 23 00-0178 K-Style, Galvanized Steel Gutter End Caps *(07 71 23 00-0177)*

07 71 23 00-0179	EA	5", K-Style Galvanized Steel Gutter End Cap	6.51	
		For Kynar 500® Finish, Add	*1.75*	
07 71 23 00-0180	EA	6", K-Style Galvanized Steel Gutter End Cap	7.53	
		For Kynar 500® Finish, Add	*2.21*	
07 71 23 00-0181	EA	7", K-Style Galvanized Steel Gutter End Cap	16.61	
		For Kynar 500® Finish, Add	*6.30*	
07 71 23 00-0182	EA	8", K-Style Galvanized Steel Gutter End Cap	24.19	
		For Kynar 500® Finish, Add	*9.71*	

07 71 23 00-0183 Half Round, Galvanized Steel Gutter End Caps *(07 71 23 00-0177)*

07 71 23 00-0184	EA	5", Half Round Galvanized Steel Gutter End Cap	8.43	
		For Kynar 500® Finish, Add	*2.61*	
07 71 23 00-0185	EA	6", Half Round Galvanized Steel Gutter End Cap	9.74	
		For Kynar 500® Finish, Add	*3.20*	
07 71 23 00-0186	EA	7", Half Round Galvanized Steel Gutter End Cap	18.34	
		For Kynar 500® Finish, Add	*7.07*	
07 71 23 00-0187	EA	8", Half Round Galvanized Steel Gutter End Cap	24.87	
		For Kynar 500® Finish, Add	*10.01*	

07 71 23 00-0188 Box Style, Galvanized Steel Gutter End Caps *(07 71 23 00-0177)*

07 71 23 00-0189	EA	5", Box Style Galvanized Steel Gutter End Cap	15.30	
		For Kynar 500® Finish, Add	*5.71*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0190	EA	6", Box Style Galvanized Steel Gutter End Cap	18.47	
		For Kynar 500® Finish, Add	*7.13*	
07 71 23 00-0191	EA	7", Box Style Galvanized Steel Gutter End Cap	20.72	
		For Kynar 500® Finish, Add	*8.15*	
07 71 23 00-0192	EA	8", Box Style Galvanized Steel Gutter End Cap	27.84	
		For Kynar 500® Finish, Add	*11.35*	

07 71 23 00-0193 Galvanized Steel Gutter Miters *(07 71 23 00-0160)*

Note: Inside or outside miters.

07 71 23 00-0194 K-Style, Galvanized Steel Gutter Miters *(07 71 23 00-0193)*

07 71 23 00-0195	EA	5", K-Style Galvanized Steel Gutter Miter	39.55	
		For Kynar 500® Finish, Add	*11.85*	
07 71 23 00-0196	EA	6", K-Style Galvanized Steel Gutter Miter	64.54	
		For Kynar 500® Finish, Add	*22.68*	
07 71 23 00-0197	EA	7", K-Style Galvanized Steel Gutter Miter	103.69	
		For Kynar 500® Finish, Add	*39.89*	
07 71 23 00-0198	EA	8", K-Style Galvanized Steel Gutter Miter	116.60	
		For Kynar 500® Finish, Add	*45.23*	

07 71 23 00-0199 Half Round, Galvanized Steel Gutter Miters *(07 71 23 00-0193)*

07 71 23 00-0200	EA	5", Half Round Galvanized Steel Gutter Miter	54.45	
		For Kynar 500® Finish, Add	*18.56*	
07 71 23 00-0201	EA	6", Half Round Galvanized Steel Gutter Miter	61.24	
		For Kynar 500® Finish, Add	*21.20*	
07 71 23 00-0202	EA	7", Half Round Galvanized Steel Gutter Miter	175.25	
		For Kynar 500® Finish, Add	*72.09*	
07 71 23 00-0203	EA	8", Half Round Galvanized Steel Gutter Miter	185.20	
		For Kynar 500® Finish, Add	*76.10*	

07 71 23 00-0204 Box Style, Galvanized Steel Gutter Miters *(07 71 23 00-0193)*

07 71 23 00-0205	EA	5", Box Style Galvanized Steel Gutter Miter	51.47	
		For Kynar 500® Finish, Add	*17.22*	
07 71 23 00-0206	EA	6", Box Style Galvanized Steel Gutter Miter	84.25	
		For Kynar 500® Finish, Add	*31.55*	
07 71 23 00-0207	EA	7", Box Style Galvanized Steel Gutter Miter	109.62	
		For Kynar 500® Finish, Add	*42.56*	
07 71 23 00-0208	EA	8", Box Style Galvanized Steel Gutter Miter	116.60	
		For Kynar 500® Finish, Add	*45.23*	

07 71 23 00-0209 Galvanized Steel Gutter Wire Strainers *(07 71 23 00-0160)*

07 71 23 00-0210	EA	3" Diameter, Round Galvanized Steel Wire Strainer	14.41	3.27
		For Kynar 500® Finish, Add	*3.42*	
07 71 23 00-0211	EA	4" Diameter, Round Galvanized Steel Wire Strainer	20.89	3.27
		For Kynar 500® Finish, Add	*6.34*	

07 71 23 00-0212 Galvanized Steel Downspouts *(07 71 23 00-0160)*

Note: Includes elbows, hangers and fasteners.

07 71 23 00-0213 Round Galvanized Steel Downspouts *(07 71 23 00-0212)*

07 71 23 00-0214	LF	3" Diameter, 26 Gauge, Round Galvanized Steel Downspout	8.14	3.14
		For Up To 100', Add	*1.32*	
		For >100 To 250', Add	*0.58*	
		For >1,000', Deduct	*-0.34*	
		For Kynar 500® Finish, Add	*2.13*	
		For 24 Gauge, Add	*1.33*	
		For 22 Gauge, Add	*2.61*	
07 71 23 00-0215	LF	4" Diameter, 26 Gauge, Round Galvanized Steel Downspout	10.16	3.14
		For Up To 100', Add	*1.53*	
		For >100 To 250', Add	*0.68*	
		For >1,000', Deduct	*-0.34*	
		For Kynar 500® Finish, Add	*3.04*	
		For 24 Gauge, Add	*1.89*	
		For 22 Gauge, Add	*3.72*	
07 71 23 00-0216	LF	5" Diameter, 26 Gauge, Round Galvanized Steel Downspout	13.91	3.14
		For Up To 100', Add	*1.90*	
		For >100 To 250', Add	*0.87*	
		For >1,000', Deduct	*-0.34*	
		For Kynar 500® Finish, Add	*4.73*	
		For 24 Gauge, Add	*2.94*	
		For 22 Gauge, Add	*5.78*	
07 71 23 00-0217	LF	6" Diameter, 26 Gauge, Round Galvanized Steel Downspout	31.23	3.14
		For Up To 100', Add	*3.63*	
		For >100 To 250', Add	*1.73*	
		For >1,000', Deduct	*-0.34*	
		For Kynar 500® Finish, Add	*12.52*	
		For 24 Gauge, Add	*7.79*	
		For 22 Gauge, Add	*15.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0218		**Square Galvanized Steel Downspouts** *(07 71 23 00-0212)*		
07 71 23 00-0219	LF	4" x 4", 26 Gauge, Square Galvanized Steel Downspout	9.27	3.14
		For Up To 100', Add	*1.44*	
		For >100 To 250', Add	*0.63*	
		For >1,000', Deduct	*-0.34*	
		For Kynar 500® Finish, Add	*2.64*	
		For 24 Gauge, Add	*1.64*	
		For 22 Gauge, Add	*3.23*	
07 71 23 00-0220	LF	5" x 5", 26 Gauge, Square Galvanized Steel Downspout	11.94	3.14
		For Up To 100', Add	*1.70*	
		For >100 To 250', Add	*0.77*	
		For >1,000', Deduct	*-0.34*	
		For Kynar 500® Finish, Add	*3.84*	
		For 24 Gauge, Add	*2.39*	
		For 22 Gauge, Add	*4.70*	
07 71 23 00-0221		**Rectangular Galvanized Steel Downspouts** *(07 71 23 00-0212)*		
07 71 23 00-0222	LF	2" x 3", 26 Gauge, Rectangular Galvanized Steel Downspout	8.29	3.14
		For Up To 100', Add	*1.34*	
		For >100 To 250', Add	*0.58*	
		For >1,000', Deduct	*-0.34*	
		For Kynar 500® Finish, Add	*2.20*	
		For 24 Gauge, Add	*1.37*	
		For 22 Gauge, Add	*2.69*	
07 71 23 00-0223	LF	3" x 4", 26 Gauge, Rectangular Galvanized Steel Downspout	10.63	3.14
		For Up To 100', Add	*1.57*	
		For >100 To 250', Add	*0.70*	
		For >1,000', Deduct	*-0.34*	
		For Kynar 500® Finish, Add	*3.25*	
		For 24 Gauge, Add	*2.02*	
		For 22 Gauge, Add	*3.98*	
07 71 23 00-0224	LF	4" x 5", 26 Gauge, Rectangular Galvanized Steel Downspout	19.93	3.14
		For Up To 100', Add	*2.50*	
		For >100 To 250', Add	*1.17*	
		For >1,000', Deduct	*-0.34*	
		For Kynar 500® Finish, Add	*7.44*	
		For 24 Gauge, Add	*4.63*	
		For 22 Gauge, Add	*9.09*	
07 71 23 00-0225		**Galvanized Steel Devices** *(07 71 23 00-0160)*		
07 71 23 00-0226	EA	Galvanized Steel Leader/Conductor Head	368.89	33.11
		For Kynar 500® Finish, Add	*136.20*	
07 71 23 00-0227	EA	Thru-Wall Galvanized Steel Scupper Outlet	191.55	29.79
		For Kynar 500® Finish, Add	*41.50*	
07 71 23 00-0228		**Stainless Steel Gutters And Downspouts** *(07 71 23)*		
		Note: AISI type 304 stainless steel.		
07 71 23 00-0229		**Stainless Steel Gutters** *(07 71 23 00-0228)*		
		Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.		
07 71 23 00-0230		**K-Style, Stainless Steel Gutters** *(07 71 23 00-0229)*		
07 71 23 00-0231	LF	5", 26 Gauge, K-Style Stainless Steel Gutter	30.75	4.84
		For Up To 100', Add	*4.27*	
		For >100' To 250', Add	*1.94*	
		For >1,000', Deduct	*-0.80*	
		For 316 Stainless Steel, Add	*8.65*	
		For 24 Gauge, Add	*7.51*	
		For 22 Gauge, Add	*15.03*	
		For 20 Gauge, Add	*22.54*	
07 71 23 00-0232	LF	6", 26 Gauge, K-Style Stainless Steel Gutter	36.84	5.10
		For Up To 100', Add	*4.94*	
		For >100' To 250', Add	*2.26*	
		For >1,000', Deduct	*-0.84*	
		For 316 Stainless Steel, Add	*10.82*	
		For 24 Gauge, Add	*9.40*	
		For 22 Gauge, Add	*18.79*	
		For 20 Gauge, Add	*28.19*	
07 71 23 00-0233		**Half Round, Stainless Steel Gutters** *(07 71 23 00-0229)*		
07 71 23 00-0234	LF	5", 26 Gauge, Half Round Stainless Steel Gutter	42.46	4.84
		For Up To 100', Add	*5.44*	
		For >100' To 250', Add	*2.52*	
		For >1,000', Deduct	*-0.80*	
		For 316 Stainless Steel, Add	*13.10*	
		For 24 Gauge, Add	*11.38*	
		For 22 Gauge, Add	*22.76*	
		For 20 Gauge, Add	*34.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0235	LF	6", 26 Gauge, Half Round Stainless Steel Gutter	51.40	5.10
		For Up To 100', Add	*6.40*	
		For >100' To 250', Add	*2.99*	
		For >1,000', Deduct	*-0.84*	
		For 316 Stainless Steel, Add	*16.35*	
		For 24 Gauge, Add	*14.20*	
		For 22 Gauge, Add	*28.40*	
		For 20 Gauge, Add	*42.60*	
07 71 23 00-0236		Box Style, Stainless Steel Gutters *(07 71 23 00-0229)*		
07 71 23 00-0237	LF	5", 26 Gauge, Box Style Stainless Steel Gutter	41.63	5.49
		For Up To 100', Add	*5.54*	
		For >100' To 250', Add	*2.54*	
		For >1,000', Deduct	*-0.92*	
		For 316 Stainless Steel, Add	*12.34*	
		For 24 Gauge, Add	*10.72*	
		For 22 Gauge, Add	*21.43*	
		For 20 Gauge, Add	*32.15*	
		For 18 Gauge, Add	*53.90*	
		For Seamless Gutter, Add	*-0.25*	
07 71 23 00-0238	LF	6", 26 Gauge, Box Style Stainless Steel Gutter	50.73	6.02
		For Up To 100', Add	*6.56*	
		For >100' To 250', Add	*3.03*	
		For >1,000', Deduct	*-0.99*	
		For 316 Stainless Steel, Add	*15.50*	
		For 24 Gauge, Add	*13.46*	
		For 22 Gauge, Add	*26.92*	
		For 20 Gauge, Add	*40.38*	
		For 18 Gauge, Add	*67.71*	
		For Seamless Gutter, Add	*-0.55*	
07 71 23 00-0239	LF	7", 26 Gauge, Box Style Stainless Steel Gutter	59.89	6.41
		For Up To 100', Add	*7.58*	
		For >100' To 250', Add	*3.52*	
		For >1,000', Deduct	*-1.06*	
		For 316 Stainless Steel, Add	*18.73*	
		For 24 Gauge, Add	*16.27*	
		For 22 Gauge, Add	*32.54*	
		For 20 Gauge, Add	*48.81*	
		For 18 Gauge, Add	*81.84*	
		For Seamless Gutter, Add	*-0.88*	
07 71 23 00-0240	LF	8", 26 Gauge, Box Style Stainless Steel Gutter	65.11	6.80
		For Up To 100', Add	*8.20*	
		For >100' To 250', Add	*3.82*	
		For >1,000', Deduct	*-1.13*	
		For 316 Stainless Steel, Add	*20.47*	
		For 24 Gauge, Add	*17.77*	
		For 22 Gauge, Add	*35.55*	
		For 20 Gauge, Add	*53.32*	
		For 18 Gauge, Add	*89.41*	
		For Seamless Gutter, Add	*-1.01*	
07 71 23 00-0241		Stainless Steel Gutter End Caps *(07 71 23 00-0228)*		
07 71 23 00-0242		K-Style, Stainless Steel Gutter End Caps *(07 71 23 00-0241)*		
07 71 23 00-0243	EA	5", K-Style Stainless Steel Gutter End Cap	9.74	
		For 316 Stainless Steel, Add	*2.71*	
07 71 23 00-0244	EA	6", K-Style Stainless Steel Gutter End Cap	11.17	
		For 316 Stainless Steel, Add	*3.25*	
07 71 23 00-0245		Half Round, Stainless Steel Gutter End Caps *(07 71 23 00-0241)*		
07 71 23 00-0246	EA	5", Half Round Stainless Steel Gutter End Cap	11.52	
		For 316 Stainless Steel, Add	*3.38*	
07 71 23 00-0247	EA	6", Half Round Stainless Steel Gutter End Cap	13.30	
		For 316 Stainless Steel, Add	*4.06*	
07 71 23 00-0248		Box Style, Stainless Steel Gutter End Caps *(07 71 23 00-0241)*		
07 71 23 00-0249	EA	5", Box Style Stainless Steel Gutter End Cap	12.17	
		For 316 Stainless Steel, Add	*3.38*	
07 71 23 00-0250	EA	6", Box Style Stainless Steel Gutter End Cap	13.95	
		For 316 Stainless Steel, Add	*4.06*	
07 71 23 00-0251	EA	7", Box Style Stainless Steel Gutter End Cap	14.59	
		For 316 Stainless Steel, Add	*4.39*	
07 71 23 00-0252	EA	8", Box Style Stainless Steel Gutter End Cap	17.69	
		For 316 Stainless Steel, Add	*5.40*	
07 71 23 00-0253		Stainless Steel Gutter Miters *(07 71 23 00-0228)*		
		Note: Inside or outside box miters.		
07 71 23 00-0254		K-Style, Stainless Steel Gutter Miters *(07 71 23 00-0253)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0255	EA	5", K-Style Stainless Steel Gutter Miter	50.01	
		For 316 Stainless Steel, Add	*13.98*	
07 71 23 00-0256	EA	6", K-Style Stainless Steel Gutter Miter	79.42	
		For 316 Stainless Steel, Add	*24.81*	
07 71 23 00-0257		**Half Round, Stainless Steel Gutter Miters** *(07 71 23 00-0253)*		
07 71 23 00-0258	EA	5", Half Round Stainless Steel Gutter Miter	121.24	
		For 316 Stainless Steel, Add	*41.05*	
07 71 23 00-0259	EA	6", Half Round Stainless Steel Gutter Miter	148.23	
		For 316 Stainless Steel, Add	*50.96*	
07 71 23 00-0260		**Box-Style, Stainless Steel Gutter Miters** *(07 71 23 00-0253)*		
07 71 23 00-0261	EA	5", Box-Style Stainless Steel Gutter Miter	57.37	
		For 316 Stainless Steel, Add	*16.78*	
07 71 23 00-0262	EA	6", Box-Style Stainless Steel Gutter Miter	92.48	
		For 316 Stainless Steel, Add	*29.77*	
07 71 23 00-0263	EA	7", Box-Style Stainless Steel Gutter Miter	106.45	
		For 316 Stainless Steel, Add	*34.74*	
07 71 23 00-0264	EA	8", Box-Style Stainless Steel Gutter Miter	120.56	
		For 316 Stainless Steel, Add	*39.70*	
07 71 23 00-0265		**Stainless Steel Gutter Wire Strainers** *(07 71 23 00-0228)*		
07 71 23 00-0266	EA	3" Diameter, Round Stainless Steel Wire Strainer	47.71	3.27
07 71 23 00-0267	EA	4" Diameter, Round Stainless Steel Wire Strainer	48.83	3.27
07 71 23 00-0268		**Stainless Steel Downspouts** *(07 71 23 00-0228)*		
		Note: Includes elbows, hangers and fasteners.		
07 71 23 00-0269		**Round Stainless Steel Downspouts** *(07 71 23 00-0268)*		
07 71 23 00-0270	LF	3" Diameter, 26 Gauge, Round Stainless Steel Downspout	18.11	3.14
		For Up To 100', Add	*2.32*	
		For >100 To 250', Add	*1.08*	
		For >1,000', Deduct	*-0.34*	
		For 316 Stainless Steel, Add	*5.59*	
		For 24 Gauge, Add	*4.85*	
		For 22 Gauge, Add	*9.71*	
		For 20 Gauge, Add	*14.56*	
07 71 23 00-0271	LF	4" Diameter, 26 Gauge, Round Stainless Steel Downspout	23.82	3.14
		For Up To 100', Add	*2.89*	
		For >100 To 250', Add	*1.36*	
		For >1,000', Deduct	*-0.34*	
		For 316 Stainless Steel, Add	*7.76*	
		For 24 Gauge, Add	*6.74*	
		For 22 Gauge, Add	*13.48*	
		For 20 Gauge, Add	*20.22*	
07 71 23 00-0272	LF	5" Diameter, 26 Gauge, Round Stainless Steel Downspout	34.60	3.14
		For Up To 100', Add	*3.97*	
		For >100 To 250', Add	*1.90*	
		For >1,000', Deduct	*-0.34*	
		For 316 Stainless Steel, Add	*11.86*	
		For 24 Gauge, Add	*10.30*	
		For 22 Gauge, Add	*20.59*	
		For 20 Gauge, Add	*30.89*	
07 71 23 00-0273		**Rectangular Stainless Steel Downspouts** *(07 71 23 00-0268)*		
07 71 23 00-0274	LF	2" x 3", 26 Gauge, Rectangular Stainless Steel Downspout	18.53	3.14
		For Up To 100', Add	*2.36*	
		For >100 To 250', Add	*1.10*	
		For >1,000', Deduct	*-0.34*	
		For 316 Stainless Steel, Add	*5.75*	
		For 24 Gauge, Add	*4.99*	
		For 22 Gauge, Add	*9.99*	
		For 20 Gauge, Add	*14.98*	
		For 18 Gauge, Add	*25.12*	
07 71 23 00-0275	LF	3" x 4", 26 Gauge, Rectangular Stainless Steel Downspout	24.67	3.14
		For Up To 100', Add	*2.98*	
		For >100 To 250', Add	*1.40*	
		For >1,000', Deduct	*-0.34*	
		For 316 Stainless Steel, Add	*8.08*	
		For 24 Gauge, Add	*7.02*	
		For 22 Gauge, Add	*14.04*	
		For 20 Gauge, Add	*21.06*	
		For 18 Gauge, Add	*35.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0276	LF	4" x 5", 26 Gauge, Rectangular Stainless Steel Downspout	31.86	3.14
		For Up To 100', Add	*3.70*	
		For >100 To 250', Add	*1.76*	
		For >1,000', Deduct	*-0.34*	
		For 316 Stainless Steel, Add	*10.81*	
		For 24 Gauge, Add	*9.39*	
		For 22 Gauge, Add	*18.78*	
		For 20 Gauge, Add	*28.18*	
		For 18 Gauge, Add	*47.24*	
07 71 23 00-0277		**Stainless Steel Devices** *(07 71 23 00-0228)*		
07 71 23 00-0278	EA	Thru-Wall Stainless Steel Scupper Outlet	278.12	29.43
		For 316 Stainless Steel, Add	*68.41*	
07 71 23 00-0279	EA	Stainless Steel Leader/Conductor Head	489.15	29.43
		For 316 Stainless Steel, Add	*161.02*	
07 71 23 00-0280		**Vinyl Gutters And Downspouts** *(07 71 23)*		
07 71 23 00-0281		**Vinyl Gutters** *(07 71 23 00-0280)*		
		Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.		
07 71 23 00-0282		**K-Style Vinyl Gutters** *(07 71 23 00-0281)*		
07 71 23 00-0283	LF	4", K-Style Vinyl Gutter	12.32	3.27
		For Up To 100', Add	*2.05*	
		For >100' To 250', Add	*0.89*	
		For >1,000', Deduct	*-0.55*	
07 71 23 00-0284	LF	5", K-Style Vinyl Gutter	15.86	3.27
		For Up To 100', Add	*2.40*	
		For >100' To 250', Add	*1.07*	
		For >1,000', Deduct	*-0.55*	
07 71 23 00-0285		**Half Round Vinyl Gutters** *(07 71 23 00-0281)*		
07 71 23 00-0286	LF	4", Half Round Vinyl Gutter	12.72	3.27
		For Up To 100', Add	*2.09*	
		For >100' To 250', Add	*0.91*	
		For >1,000', Deduct	*-0.55*	
07 71 23 00-0287	LF	5", Half Round Vinyl Gutter	13.37	3.27
		For Up To 100', Add	*2.15*	
		For >100' To 250', Add	*0.94*	
		For >1,000', Deduct	*-0.55*	
07 71 23 00-0288		**Vinyl Gutter End Caps** *(07 71 23 00-0280)*		
07 71 23 00-0289		**K-Style, Vinyl Gutter End Caps** *(07 71 23 00-0288)*		
07 71 23 00-0290	EA	4", K-Style Vinyl Gutter End Cap	7.60	
07 71 23 00-0291	EA	5", K-Style Vinyl Gutter End Cap	10.54	
07 71 23 00-0292		**Half Round, Vinyl Gutter End Caps** *(07 71 23 00-0288)*		
07 71 23 00-0293	EA	4", Half Round Vinyl Gutter End Cap	8.68	
07 71 23 00-0294	EA	5", Half Round Vinyl Gutter End Cap	8.20	
07 71 23 00-0295		**Vinyl Gutter Miters** *(07 71 23 00-0280)*		
		Note: Inside or outside miters.		
07 71 23 00-0296		**K-Style, Vinyl Gutter Miters** *(07 71 23 00-0295)*		
07 71 23 00-0297	EA	4", K-Style Vinyl Gutter Miter	18.90	
07 71 23 00-0298	EA	5", K-Style Vinyl Gutter Miter	28.38	
07 71 23 00-0299		**Half Round, Vinyl Gutter Miters** *(07 71 23 00-0295)*		
07 71 23 00-0300	EA	4", Half Round Vinyl Gutter Miter	18.90	
07 71 23 00-0301	EA	5", Half Round Vinyl Gutter Miter	20.53	
07 71 23 00-0302		**Vinyl Downspouts** *(07 71 23 00-0280)*		
		Note: Includes elbows, hangers and fasteners.		
07 71 23 00-0303		**Round Vinyl Downspouts** *(07 71 23 00-0302)*		
07 71 23 00-0304	LF	2-1/2" Diameter, Round Vinyl Downspout	8.09	3.14
		For Up To 100', Add	*1.32*	
		For >100 To 250', Add	*0.57*	
		For >1,000', Deduct	*-0.34*	
07 71 23 00-0305	LF	3" Diameter, Round Vinyl Downspout	8.43	3.14
		For Up To 100', Add	*1.35*	
		For >100 To 250', Add	*0.59*	
		For >1,000', Deduct	*-0.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0306		**Square Vinyl Downspouts** *(07 71 23 00-0302)*		
07 71 23 00-0307	LF	2-1/2", Square Vinyl Downspout	7.95	3.14
		For Up To 100', Add	*1.31*	
		For >100 To 250', Add	*0.57*	
		For >1,000', Deduct	*-0.34*	
07 71 23 00-0308		**Rectangular Vinyl Downspouts** *(07 71 23 00-0302)*		
07 71 23 00-0309	LF	2" x 3", Rectangular Vinyl Downspout	10.16	3.14
		For Up To 100', Add	*1.53*	
		For >100 To 250', Add	*0.68*	
		For >1,000', Deduct	*-0.34*	
07 71 23 00-0310		**Gutter And Downspout Boots** *(07 71 23)*		
07 71 23 00-0311		**Cast Iron Roof Drainage Downspout Boots** *(07 71 23 00-0310)*		
07 71 23 00-0312	EA	2" x 3" x 18" Long, Cast Iron Roof Drainage Downspout Boot	348.10	4.71
07 71 23 00-0313	EA	3" x 4" x 18" Long, Cast Iron Roof Drainage Downspout Boot	453.95	4.71
07 71 23 00-0314	EA	4" x 5" x 24" Long, Cast Iron Roof Drainage Downspout Boot	541.97	4.71
07 71 23 00-0315		**Cast Iron Roof Drainage Downspout Boots With Cleanouts** *(07 71 23 00-0310)*		
07 71 23 00-0316	EA	3" x 4" x 18" Long, Cast Iron Roof Drainage Downspout Boot With Cleanout	601.88	4.71
07 71 23 00-0317	EA	4" x 5" x 24" Long, Cast Iron Roof Drainage Downspout Boot With Cleanout	735.45	4.71
07 71 23 00-0318	EA	5" x 7" x 30" Long, Cast Iron Roof Drainage Downspout Boot With Cleanout	1,335.27	4.71
07 71 23 00-0319		**Wall Mounted Downspout Covers With Hinged Perforated Cover** *(07 71 23)*		
07 71 23 00-0320	EA	3" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-03)	1,199.76	29.72
		For Polished Brass Finish (-PB), Add	*114.03*	
		For Chrome Plated Finish (-CP), Add	*171.05*	
		For Vandal Proof (-U), Add	*57.02*	
07 71 23 00-0321	EA	4" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-04)	1,219.57	39.63
		For Polished Brass Finish (-PB), Add	*114.03*	
		For Chrome Plated Finish (-CP), Add	*171.05*	
		For Vandal Proof (-U), Add	*57.02*	
07 71 23 00-0322	EA	6" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-06)	1,311.43	53.55
		For Polished Brass Finish (-PB), Add	*120.43*	
		For Chrome Plated Finish (-CP), Add	*180.65*	
		For Vandal Proof (-U), Add	*60.22*	
07 71 23 00-0323	EA	8" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-08)	1,397.51	67.61
		For Polished Brass Finish (-PB), Add	*126.23*	
		For Chrome Plated Finish (-CP), Add	*189.34*	
		For Vandal Proof (-U), Add	*63.11*	
07 71 23 00-0324	EA	10" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-10)	1,502.28	83.30
		For Polished Brass Finish (-PB), Add	*133.57*	
		For Chrome Plated Finish (-CP), Add	*200.36*	
		For Vandal Proof (-U), Add	*66.79*	
07 71 23 00-0325	EA	12" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-12)	1,649.42	116.28
		For Polished Brass Finish (-PB), Add	*141.68*	
		For Chrome Plated Finish (-CP), Add	*212.53*	
		For Vandal Proof (-U), Add	*70.84*	
07 71 23 00-0326	EA	15" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-15)	1,820.31	161.72
		For Polished Brass Finish (-PB), Add	*149.69*	
		For Chrome Plated Finish (-CP), Add	*224.53*	
		For Vandal Proof (-U), Add	*74.84*	
07 71 23 00-0327		**Wall Mounted Downspout Nozzle** *(07 71 23)*		
07 71 23 00-0328	EA	3" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-03)	305.62	29.72
		For Nickel Bronze Finish (-NB), Add	*172.32*	
		For Polished Bronze Finish (-PB), Add	*135.39*	
		For Chrome Plated Finish (-CP), Add	*219.09*	
07 71 23 00-0329	EA	4" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-04)	325.43	39.63
		For Nickel Bronze Finish (-NB), Add	*172.32*	
		For Polished Bronze Finish (-PB), Add	*135.39*	
		For Chrome Plated Finish (-CP), Add	*219.09*	
07 71 23 00-0330	EA	6" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-06)	691.04	53.55
		For Nickel Bronze Finish (-NB), Add	*175.19*	
		For Polished Bronze Finish (-PB), Add	*99.27*	
		For Chrome Plated Finish (-CP), Add	*256.94*	
07 71 23 00-0331	EA	8" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-08)	1,021.64	67.61
		For Nickel Bronze Finish (-NB), Add	*150.69*	
		For Polished Bronze Finish (-PB), Add	*115.23*	
		For Chrome Plated Finish (-CP), Add	*257.06*	
07 71 23 00-0332	EA	10" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-10)	1,317.38	83.30
		For Nickel Bronze Finish (-NB), Add	*195.64*	
		For Polished Bronze Finish (-PB), Add	*149.60*	
		For Chrome Plated Finish (-CP), Add	*333.73*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0333		EA	12" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-12)	1,680.32	116.28
			For Nickel Bronze Finish (-NB), Add	*246.12*	
			For Polished Bronze Finish (-PB), Add	*188.21*	
			For Chrome Plated Finish (-CP), Add	*419.84*	

07 71 23 00-0334 Leaf Guards And Cleaning *(07 71 23)*

07 71 23 00-0335		LF	Aluminum Mesh Gutter Leaf Guard	3.91	0.91
			For Up To 100', Add	*0.66*	
			For >100' To 250', Add	*0.29*	
			For >1,000', Deduct	*-0.18*	
07 71 23 00-0336		LF	Vinyl Mesh Gutter Leaf Guard	3.04	0.91
			For Up To 100', Add	*0.58*	
			For >100' To 250', Add	*0.24*	
			For >1,000', Deduct	*-0.18*	
07 71 23 00-0337		LF	6" Wide Stainless Steel Gutter Leaf Guard, 1/4" x 1/4" x 0.08" Wire	16.78	1.14
			For Up To 100', Add	*2.02*	
			For >100' To 250', Add	*0.95*	
			For >1,000', Deduct	*-0.23*	
07 71 23 00-0338		LF	9" Wide Stainless Steel Gutter Leaf Guard, 1/4" x 1/4" x 0.08" Wire	24.05	1.14
			For Up To 100', Add	*2.75*	
			For >100' To 250', Add	*1.32*	
			For >1,000', Deduct	*-0.23*	
07 71 23 00-0339		LF	6" Wide Stainless Steel Gutter Leaf Guard, 3/8" x 3/8" Mesh	12.77	1.14
			For Up To 100', Add	*1.55*	
			For >100' To 250', Add	*0.73*	
			For >1,000', Deduct	*-0.18*	
07 71 23 00-0340		LF	9" Wide Stainless Steel Gutter Leaf Guard, 3/8" x 3/8" Mesh	19.74	1.14
			For Up To 100', Add	*2.25*	
			For >100' To 250', Add	*1.08*	
			For >1,000', Deduct	*-0.18*	
07 71 23 00-0341		EA	Cleanout Roof Drain	180.83	
			Note: Includes removing dome and flushing.		
07 71 23 00-0342		LF	Cleanout Roof Gutters And Downspouts	2.11	
07 71 23 00-0343		LF	Cleanout Blocked Downspouts By Hydrojetting	3.43	

07 71 26 Reglets *(07 71)*

07 71 26 00-0001 Counter Flashing With Reglet *(07 71 26)*

Note: Includes reglet cut.

07 71 26 00-0002 Galvanized Steel Counter Flashing With Reglet *(07 71 26 00-0001)*

07 71 26 00-0003 Galvanized Steel Counter Flashing With Reglet *(07 71 26 00-0002)*

07 71 26 00-0004		LF	28 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet	18.59	5.92
07 71 26 00-0005		LF	26 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet	18.77	5.92
07 71 26 00-0006		LF	24 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet	19.09	5.92
07 71 26 00-0007		LF	22 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet	20.32	5.92
07 71 26 00-0008		LF	20 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet	21.01	5.92
07 71 26 00-0009		LF	18 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet	21.81	5.92

07 71 26 00-0010 KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet *(07 71 26 00-0002)*

07 71 26 00-0011		LF	28 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet	21.62	5.92
07 71 26 00-0012		LF	26 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet	21.89	5.92
07 71 26 00-0013		LF	24 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet	22.35	5.92
07 71 26 00-0014		LF	22 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet	24.12	5.92
07 71 26 00-0015		LF	20 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet	25.13	5.92
07 71 26 00-0016		LF	18 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet	26.30	5.92

07 71 26 00-0017 Aluminum Counter Flashing With Reglet *(07 71 26 00-0001)*

07 71 26 00-0018 KYNAR 500® Finish, Aluminum Counter Flashing With Reglet *(07 71 26 00-0017)*

07 71 26 00-0019		LF	0.019" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet	16.09	5.92
07 71 26 00-0020		LF	0.025" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet	16.76	5.92
07 71 26 00-0021		LF	0.032" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet	17.43	5.92
07 71 26 00-0022		LF	0.040" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet	17.91	5.92
07 71 26 00-0023		LF	0.050" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet	18.99	5.92
07 71 26 00-0024		LF	0.063" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet	20.56	5.92

07 71 26 00-0025 Mill Finish, Aluminum Counter Flashing With Reglet *(07 71 26 00-0017)*

07 71 26 00-0026		LF	0.019" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet	14.56	5.92
07 71 26 00-0027		LF	0.025" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet	14.99	5.92
07 71 26 00-0028		LF	0.032" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet	15.41	5.92
07 71 26 00-0029		LF	0.040" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet	15.72	5.92
07 71 26 00-0030		LF	0.050" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet	16.41	5.92
07 71 26 00-0031		LF	0.063" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet	17.41	5.92

07 71 26 00-0032 Clear Anodized Finish, Aluminum Counter Flashing With Reglet *(07 71 26 00-0017)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 26 00-0033	LF	0.019" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet	15.78	5.92
07 71 26 00-0034	LF	0.025" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet	16.40	5.92
07 71 26 00-0035	LF	0.032" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet	17.02	5.92
07 71 26 00-0036	LF	0.040" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet	17.47	5.92
07 71 26 00-0037	LF	0.050" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet	18.46	5.92
07 71 26 00-0038	LF	0.063" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet	19.91	5.92
07 71 26 00-0039		Stainless Steel Counter Flashing With Reglet *(07 71 26 00-0001)*		
07 71 26 00-0040		Stainless Steel Counter Flashing With Reglet *(07 71 26 00-0039)*		
07 71 26 00-0041	LF	24 Gauge, Up To 12" Wide, Stainless Steel Counter Flashing With Reglet	21.60	5.92
07 71 26 00-0042	LF	22 Gauge, Up To 12" Wide, Stainless Steel Counter Flashing With Reglet	22.90	5.92
07 71 26 00-0043	LF	20 Gauge, Up To 12" Wide, Stainless Steel Counter Flashing With Reglet	23.33	5.92
07 71 26 00-0044		Copper Counter Flashing With Reglet *(07 71 26 00-0001)*		
07 71 26 00-0045		Copper Counter Flashing With Reglet *(07 71 26 00-0044)*		
07 71 26 00-0046	LF	16 Ounce, Up To 12" Wide, Copper Counter Flashing With Reglet	51.37	5.92

07 72 Roof Accessories *(07 70)*

07 72 13 Manufactured Curbs *(07 72)*

07 72 13 00-0001 Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13)*
Note: Includes fasteners and sealants. Excludes flashing. See CSI section 07 62 13 00-0000 for flashinig and trim.

07 72 13 00-0002 Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0001)*
Note: Includes pressure treated wood nailer, 1-1/2" rigid foam insulation, mill finish galvanized steel exterior wall construction, painted galvanized steel interior wall construction, installation clips and 3/16" wire mesh, 6" x 6" grids, safety security guard with installation clips.

07 72 13 00-0003 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0002)*

07 72 13 00-0004 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0003)*

07 72 13 00-0005	EA	26" x 26" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,043.88	271.31
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*70.47*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*174.86*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-40.18*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*6.29*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*30.64*	
07 72 13 00-0006	EA	26" x 38" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,059.44	271.31
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*72.03*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*177.97*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-49.31*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*12.65*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*34.78*	
07 72 13 00-0007	EA	26" x 50" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,152.00	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*77.05*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*192.25*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-60.27*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*17.18*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*32.68*	
07 72 13 00-0008	EA	26" x 74" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,211.63	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*83.01*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*204.17*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-80.36*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*19.22*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*34.72*	
07 72 13 00-0009	EA	26" x 98" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,255.71	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*87.42*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*212.99*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*20.25*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*128.69*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*141.96*	
07 72 13 00-0010	EA	26" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,516.82	339.14
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*109.29*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*260.97*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-133.32*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-33.74*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*8.31*	
07 72 13 00-0011	EA	38" x 38" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,064.62	271.31
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*72.55*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*179.01*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.62*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*100.14*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*139.97*	
07 72 13 00-0012	EA	38" x 50" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,154.59	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*77.31*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*192.77*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-76.69*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*16.24*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*53.86*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0013	EA	38" x 62" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,188.30	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*80.68*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*199.51*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-94.97*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*2.40*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*33.38*	
07 72 13 00-0014	EA	38" x 74" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,201.26	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*81.97*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*202.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*20.58*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*126.80*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*155.57*	
07 72 13 00-0015	EA	38" x 98" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,475.33	339.14
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*105.14*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*252.67*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*26.56*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*143.84*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*188.10*	
07 72 13 00-0016	EA	38" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,614.56	373.05
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*114.82*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*276.28*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*32.53*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*167.52*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*220.64*	
07 72 13 00-0017	EA	50" x 50" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,273.86	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*89.23*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*216.62*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-98.62*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-1.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*23.09*	
07 72 13 00-0018	EA	50" x 62" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,392.36	339.14
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*96.84*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*236.08*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-118.71*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-27.98*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*16.28*	
07 72 13 00-0019	EA	50" x 74" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,420.88	339.14
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*99.70*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*241.78*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-140.63*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-63.16*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*12.07*	
07 72 13 00-0020	EA	50" x 86" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,560.11	373.05
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*109.38*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*265.39*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-164.37*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-64.77*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*6.03*	
07 72 13 00-0021	EA	51" x 99" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,676.02	406.96
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*116.73*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*284.33*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*34.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*158.12*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*213.44*	
07 72 13 00-0022	EA	51" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,812.65	440.88
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*126.16*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*307.42*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-226.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-87.05*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*-11.79*	
07 72 13 00-0023	EA	62" x 62" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,420.88	339.14
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*99.70*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*241.78*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*27.22*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*100.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*184.34*	
07 72 13 00-0024	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,531.59	373.05
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*106.53*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*259.69*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-171.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-63.24*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*5.36*	
07 72 13 00-0025	EA	62" x 86" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,673.42	406.96
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*116.47*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*283.81*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-222.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-114.38*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*-50.20*	
07 72 13 00-0026	EA	62" x 98" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,699.35	406.96
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*119.06*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*289.00*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*40.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*148.93*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*259.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0027	EA	62" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,841.18	440.88
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*129.01*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*313.13*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-281.26*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-170.61*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*-28.96*	
07 72 13 00-0028		12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0003)*		
07 72 13 00-0029	EA	26" x 26" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,077.59	271.31
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*73.85*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*181.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-40.18*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*6.29*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*30.64*	
07 72 13 00-0030	EA	26" x 38" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,085.37	271.31
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*74.62*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*183.16*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-49.31*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*12.65*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*34.78*	
07 72 13 00-0031	EA	26" x 50" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,177.92	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*79.64*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*197.43*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-60.27*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*17.18*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*32.68*	
07 72 13 00-0032	EA	26" x 74" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,245.34	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*86.38*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*210.92*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-80.36*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*19.22*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*34.72*	
07 72 13 00-0033	EA	26" x 98" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,294.60	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*91.31*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*220.77*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*20.25*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*128.69*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*141.96*	
07 72 13 00-0034	EA	26" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,547.93	339.14
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*112.40*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*267.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-133.32*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-33.74*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*8.31*	
07 72 13 00-0035	EA	38" x 38" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,087.96	271.31
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*74.88*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*183.68*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.62*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*100.14*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*139.97*	
07 72 13 00-0036	EA	38" x 50" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,224.60	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*84.31*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*206.77*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-76.69*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*16.24*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*53.86*	
07 72 13 00-0037	EA	38" x 62" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,276.45	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*89.49*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*217.14*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-94.97*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*2.40*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*33.38*	
07 72 13 00-0038	EA	38" x 74" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,336.09	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*95.46*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*229.07*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*20.58*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*126.80*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*155.57*	
07 72 13 00-0039	EA	38" x 98" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,516.82	339.14
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*109.29*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*260.97*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*26.56*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*143.84*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*188.10*	
07 72 13 00-0040	EA	38" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,666.42	373.05
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*120.01*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*286.65*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*32.53*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*167.52*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*220.64*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0041	EA	50" x 50" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,304.98	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*92.35*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*222.84*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-98.62*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-1.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*23.09*	
07 72 13 00-0042	EA	50" x 62" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,418.29	339.14
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*99.44*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*241.27*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-118.71*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-27.98*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*16.28*	
07 72 13 00-0043	EA	50" x 74" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,459.77	339.14
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*103.58*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*249.56*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-140.63*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-63.16*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*12.07*	
07 72 13 00-0044	EA	50" x 86" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,601.60	373.05
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*113.53*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*273.69*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-164.37*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-64.77*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*6.03*	
07 72 13 00-0045	EA	51" x 99" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,725.28	406.96
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*121.66*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*294.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*34.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*158.12*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*213.44*	
07 72 13 00-0046	EA	51" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,869.70	440.88
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*131.86*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*318.83*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-226.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-87.05*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*-11.79*	
07 72 13 00-0047	EA	62" x 62" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,459.77	339.14
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*103.58*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*249.56*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*27.22*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*100.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*184.34*	
07 72 13 00-0048	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,573.08	373.05
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*110.68*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*267.98*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-171.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-63.24*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*5.36*	
07 72 13 00-0049	EA	62" x 86" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,717.50	406.96
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*120.88*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*292.63*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-222.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-114.38*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*-50.20*	
07 72 13 00-0050	EA	62" x 98" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,751.21	406.96
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*124.25*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*299.37*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*40.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*148.93*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*259.58*	
07 72 13 00-0051	EA	62" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,898.22	440.88
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*134.71*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*324.53*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-281.26*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-170.61*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*-28.96*	

07 72 13 00-0052 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0003)*

07 72 13 00-0053	EA	26" x 26" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,095.74	271.31
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*75.66*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*185.23*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-40.18*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*6.29*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*30.64*	
07 72 13 00-0054	EA	26" x 38" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,103.52	271.31
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*76.44*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*186.79*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-49.31*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*12.65*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*34.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0055	EA	26" x 50" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,190.89	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*80.94*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*200.03*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-60.27*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*17.18*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*32.68*	
07 72 13 00-0056	EA	26" x 74" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,266.08	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*88.46*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*215.06*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-80.36*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*19.22*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*34.72*	
07 72 13 00-0057	EA	26" x 98" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,323.13	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*94.16*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*226.47*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*20.25*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*128.69*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*141.96*	
07 72 13 00-0058	EA	26" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,584.23	339.14
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*116.03*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*274.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-133.32*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-33.74*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*8.31*	
07 72 13 00-0059	EA	38" x 38" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,103.52	271.31
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*76.44*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*186.79*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.62*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*100.14*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*139.97*	
07 72 13 00-0060	EA	38" x 50" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,190.89	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*80.94*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*200.03*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-76.69*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*16.24*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*53.86*	
07 72 13 00-0061	EA	38" x 62" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,323.13	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*94.16*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*226.47*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-94.97*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*2.40*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*33.38*	
07 72 13 00-0062	EA	38" x 74" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,385.36	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*100.38*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*238.92*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*20.58*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*126.80*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*155.57*	
07 72 13 00-0063	EA	38" x 98" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,547.93	339.14
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*112.40*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*267.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*26.56*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*143.84*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*188.10*	
07 72 13 00-0064	EA	38" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,700.13	373.05
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*123.38*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*293.39*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*32.53*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*167.52*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*220.64*	
07 72 13 00-0065	EA	50" x 50" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,325.72	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*94.42*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*226.99*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-98.62*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-1.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*23.09*	
07 72 13 00-0066	EA	50" x 62" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,359.05	339.14
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*93.51*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*229.42*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-118.71*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-27.98*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*16.28*	
07 72 13 00-0067	EA	50" x 74" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,485.70	339.14
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*106.18*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*254.75*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-140.63*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-63.16*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*12.07*	
07 72 13 00-0068	EA	50" x 86" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,632.71	373.05
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*116.64*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*279.91*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-164.37*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-64.77*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*6.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0069	EA	51" x 99" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,756.40	406.96
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*124.77*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*300.41*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*34.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*158.12*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*213.44*	
07 72 13 00-0070	EA	51" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,906.00	440.88
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*135.49*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*326.09*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-226.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-87.05*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*-11.79*	
07 72 13 00-0071	EA	62" x 62" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,485.70	339.14
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*106.18*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*254.75*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*27.22*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*100.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*184.34*	
07 72 13 00-0072	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,601.60	373.05
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*113.53*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*273.69*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-171.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-63.24*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*5.36*	
07 72 13 00-0073	EA	62" x 86" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,751.21	406.96
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*124.25*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*299.37*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-222.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-114.38*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*-50.20*	
07 72 13 00-0074	EA	62" x 98" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,784.92	406.96
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*127.62*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*306.11*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*40.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*148.93*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*259.58*	
07 72 13 00-0075	EA	62" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,937.11	440.88
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*138.60*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*332.31*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-281.26*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-170.61*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*-28.96*	
07 72 13 00-0076		14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0002)*		
07 72 13 00-0077		9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0076)*		
07 72 13 00-0078	EA	26" x 26" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,015.36	271.31
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*67.62*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*169.16*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-40.18*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*6.29*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*30.64*	
07 72 13 00-0079	EA	26" x 38" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,049.06	271.31
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*70.99*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*175.90*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-49.31*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*12.65*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*34.78*	
07 72 13 00-0080	EA	26" x 50" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,198.67	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*81.71*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*201.58*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-60.27*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*17.18*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*32.68*	
07 72 13 00-0081	EA	26" x 74" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,276.45	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*89.49*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*217.14*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-80.36*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*19.22*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*34.72*	
07 72 13 00-0082	EA	26" x 98" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,333.50	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*95.20*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*228.55*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*20.25*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*128.69*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*141.96*	
07 72 13 00-0083	EA	26" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,625.72	339.14
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*120.18*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*282.75*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-133.32*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-33.74*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*8.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0084	EA	38" x 38" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,111.29	271.31
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*77.22*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*188.34*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.62*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*100.14*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*139.97*	
07 72 13 00-0085	EA	38" x 50" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,219.41	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*83.79*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*205.73*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-76.69*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*16.24*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*53.86*	
07 72 13 00-0086	EA	38" x 62" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,245.34	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*86.38*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*210.92*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-94.97*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*2.40*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*33.38*	
07 72 13 00-0087	EA	38" x 74" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,268.68	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*88.72*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*215.58*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*20.58*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*126.80*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*155.57*	
07 72 13 00-0088	EA	38" x 98" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,563.49	339.14
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*113.96*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*270.31*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*26.56*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*143.84*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*188.10*	
07 72 13 00-0089	EA	38" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,718.28	373.05
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*125.20*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*297.02*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*32.53*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*167.52*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*220.64*	
07 72 13 00-0090	EA	50" x 50" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,336.09	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*95.46*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*229.07*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-98.62*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-1.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*23.09*	
07 72 13 00-0091	EA	50" x 62" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,457.18	339.14
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*103.33*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*249.04*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-118.71*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-27.98*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*16.28*	
07 72 13 00-0092	EA	50" x 74" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,498.67	339.14
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*107.47*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*257.34*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-140.63*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-63.16*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*12.07*	
07 72 13 00-0093	EA	50" x 86" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,648.27	373.05
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*118.20*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*283.02*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-164.37*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-64.77*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*6.03*	
07 72 13 00-0094	EA	51" x 99" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,771.95	406.96
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*126.32*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*303.52*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*34.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*158.12*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*213.44*	
07 72 13 00-0095	EA	51" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,924.15	440.88
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*137.31*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*329.72*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-226.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-87.05*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*-11.79*	
07 72 13 00-0096	EA	62" x 62" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,498.67	339.14
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*107.47*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*257.34*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*27.22*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*100.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*184.34*	
07 72 13 00-0097	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,614.56	373.05
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*114.82*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*276.28*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-171.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-63.24*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*5.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0098	EA	62" x 86" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,766.77	406.96
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*125.81*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*302.48*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-222.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-114.38*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*-50.20*	
07 72 13 00-0099	EA	62" x 98" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,803.07	406.96
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*129.44*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*309.74*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*40.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*148.93*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*259.58*	
07 72 13 00-0100	EA	62" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,957.86	440.88
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*140.68*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*336.46*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-281.26*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-170.61*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*-28.96*	

07 72 13 00-0101 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0076)*

07 72 13 00-0102	EA	26" x 26" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,038.69	271.31
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*69.96*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*173.82*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-40.18*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*6.29*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*30.64*	
07 72 13 00-0103	EA	26" x 38" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,077.59	271.31
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*73.85*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*181.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-49.31*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*12.65*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*34.78*	
07 72 13 00-0104	EA	26" x 50" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,237.56	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*85.60*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*209.36*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-60.27*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*17.18*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*32.68*	
07 72 13 00-0105	EA	26" x 74" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,323.13	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*94.16*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*226.47*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-80.36*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*19.22*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*34.72*	
07 72 13 00-0106	EA	26" x 98" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,393.13	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*101.16*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*240.47*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*20.25*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*128.69*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*141.96*	
07 72 13 00-0107	EA	26" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,636.09	339.14
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*121.22*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*284.83*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-133.32*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-33.74*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*8.31*	
07 72 13 00-0108	EA	38" x 38" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,145.00	271.31
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*80.59*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*195.09*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.62*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*100.14*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*139.97*	
07 72 13 00-0109	EA	38" x 50" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,260.90	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*87.94*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*214.03*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-76.69*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*16.24*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*53.86*	
07 72 13 00-0110	EA	38" x 62" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,294.60	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*91.31*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*220.77*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-94.97*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*2.40*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*33.38*	
07 72 13 00-0111	EA	38" x 74" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,325.72	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*94.42*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*226.99*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*20.58*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*126.80*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*155.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0112	EA	38" x 98" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,625.72	339.14
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*120.18*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*282.75*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*26.56*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*143.84*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*188.10*	
07 72 13 00-0113	EA	38" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,793.47	373.05
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*132.72*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*312.06*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*32.53*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*167.52*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*220.64*	
07 72 13 00-0114	EA	50" x 50" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,382.76	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*100.12*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*238.40*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-98.62*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-1.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*23.09*	
07 72 13 00-0115	EA	50" x 62" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,509.04	339.14
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*108.51*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*259.42*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-118.71*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-27.98*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*16.28*	
07 72 13 00-0116	EA	50" x 74" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,558.30	339.14
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*113.44*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*269.27*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-140.63*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-63.16*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*12.07*	
07 72 13 00-0117	EA	50" x 86" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,710.50	373.05
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*124.42*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*295.47*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-164.37*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-64.77*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*6.03*	
07 72 13 00-0118	EA	51" x 99" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,844.56	406.96
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*133.59*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*318.04*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*34.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*158.12*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*213.44*	
07 72 13 00-0119	EA	51" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	2,007.12	440.88
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*145.60*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*346.31*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-226.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-87.05*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*-11.79*	
07 72 13 00-0120	EA	62" x 62" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,558.30	339.14
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*113.44*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*269.27*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*27.22*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*100.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*184.34*	
07 72 13 00-0121	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,681.98	373.05
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*121.57*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*289.76*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-171.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-63.24*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*5.36*	
07 72 13 00-0122	EA	62" x 86" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,839.37	406.96
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*133.07*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*317.00*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-222.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-114.38*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*-50.20*	
07 72 13 00-0123	EA	62" x 98" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,878.26	406.96
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*136.96*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*324.78*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*40.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*148.93*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*259.58*	
07 72 13 00-0124	EA	62" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	2,046.02	440.88
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*149.49*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*354.09*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-281.26*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-170.61*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*-28.96*	

07 72 13 00-0125 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0076)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0126	EA	26" x 26" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,056.84	271.31
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*71.77*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*177.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-40.18*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*6.29*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*30.64*	
07 72 13 00-0127	EA	26" x 38" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,098.33	271.31
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*75.92*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*185.75*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-49.31*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*12.65*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*34.78*	
07 72 13 00-0128	EA	26" x 50" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,260.90	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*87.94*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*214.03*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-60.27*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*17.18*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*32.68*	
07 72 13 00-0129	EA	26" x 74" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,354.24	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*97.27*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*232.70*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-80.36*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*19.22*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*34.72*	
07 72 13 00-0130	EA	26" x 98" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,432.03	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*105.05*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*248.25*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*20.25*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*128.69*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*141.96*	
07 72 13 00-0131	EA	26" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,719.06	339.14
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*129.51*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*301.42*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-133.32*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-33.74*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*8.31*	
07 72 13 00-0132	EA	38" x 38" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,170.93	271.31
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*83.18*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*200.27*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.62*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*100.14*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*139.97*	
07 72 13 00-0133	EA	38" x 50" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,304.98	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*92.35*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*222.84*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-76.69*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*16.24*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*53.86*	
07 72 13 00-0134	EA	38" x 62" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,351.65	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*97.01*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*232.18*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-94.97*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*2.40*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*33.38*	
07 72 13 00-0135	EA	38" x 74" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,362.02	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*98.05*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*234.25*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*20.58*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*126.80*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*155.57*	
07 72 13 00-0136	EA	38" x 98" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,672.39	339.14
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*124.85*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*292.09*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*26.56*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*143.84*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*188.10*	
07 72 13 00-0137	EA	38" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,845.33	373.05
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*137.90*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*322.43*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*32.53*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*167.52*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*220.64*	
07 72 13 00-0138	EA	50" x 50" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,413.88	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*103.24*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*244.62*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-98.62*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-1.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*23.09*	
07 72 13 00-0139	EA	50" x 62" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,440.93	339.14
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*101.70*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*245.79*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-118.71*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-27.98*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*16.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0140	EA	50" x 74" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,597.20	339.14
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*117.33*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*277.05*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-140.63*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-63.16*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*12.07*	
07 72 13 00-0141	EA	50" x 86" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,757.17	373.05
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*129.09*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*304.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-164.37*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-64.77*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*6.03*	
07 72 13 00-0142	EA	51" x 99" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,891.23	406.96
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*138.25*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*327.38*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*34.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*158.12*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*213.44*	
07 72 13 00-0143	EA	51" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	2,064.17	440.88
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*151.31*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*357.72*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-226.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-87.05*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*-11.79*	
07 72 13 00-0144	EA	62" x 62" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,597.20	339.14
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*117.33*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*277.05*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*27.22*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*100.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*184.34*	
07 72 13 00-0145	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,728.65	373.05
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*126.23*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*299.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-171.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-63.24*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*5.36*	
07 72 13 00-0146	EA	62" x 86" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,883.45	406.96
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*137.47*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*325.82*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-222.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-114.38*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*-50.20*	
07 72 13 00-0147	EA	62" x 98" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,930.12	406.96
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*142.14*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*335.15*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*40.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*148.93*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*259.58*	
07 72 13 00-0148	EA	62" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	2,103.06	440.88
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*155.20*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*365.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-281.26*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-170.61*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*-28.96*	

07 72 13 00-0149 Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curbs *(07 72 13 00-0001)*

Note: Includes 1" rigid foam insulation, mill finish galvanized steel exterior wall construction, painted galvanized steel interior wall construction and installation clips.

07 72 13 00-0150 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curbs *(07 72 13 00-0149)*

07 72 13 00-0151	EA	14-1/2" To 23" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	999.27	271.31
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*66.01*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*165.94*	
07 72 13 00-0152	EA	23-1/2" To 32" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,141.77	271.31
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*80.26*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*194.44*	
07 72 13 00-0153	EA	32-1/2" To 41" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,305.80	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*92.43*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*223.01*	
07 72 13 00-0154	EA	41" To 49-1/2" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,419.58	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*103.81*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*245.76*	
07 72 13 00-0155	EA	50" To 58-1/2" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,570.54	339.14
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*114.66*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*271.72*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0156		12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curbs *(07 72 13 00-0149)*		
07 72 13 00-0157	EA	14-1/2" To 23" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,207.93	271.31
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*86.88*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*207.67*	
07 72 13 00-0158	EA	23-1/2" To 32" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,401.33	271.31
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*106.22*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*246.35*	
07 72 13 00-0159	EA	32-1/2" To 41" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,491.56	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*111.00*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*260.16*	
07 72 13 00-0160	EA	41" To 49-1/2" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,564.27	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*118.27*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*274.70*	
07 72 13 00-0161	EA	50" To 58-1/2" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,750.84	339.14
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*132.69*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*307.78*	
07 72 13 00-0162	EA	64" To 72-1/2" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	2,725.56	373.05
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*225.92*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*498.48*	
07 72 13 00-0163		18" To 24" Height, 16 Gauge, Ventilated Galvanized Steel, Adjustable Width Prefabricated Roof Curbs *(07 72 13 00-0149)*		
07 72 13 00-0164	EA	17-1/2" To 22" Square Outside Dimensions, 24" Height, 16 Gauge, Ventilated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,550.74	271.31
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*121.16*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*276.23*	
07 72 13 00-0165	EA	24" To 29" Square Outside Dimensions, 24" Height, 16 Gauge, Ventilated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,748.49	271.31
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*140.94*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*315.78*	
07 72 13 00-0166	EA	31" To 46" Square Outside Dimensions, 18" Height, 16 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	2,068.11	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*168.66*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*375.47*	
07 72 13 00-0167		Wood, Prefabricated Roof Curbs *(07 72 13)*		
		Note: Includes Douglas fir construction, galvanized steel corner straps, fasteners, sealants, and installation clips. Includes 3/16" wire mesh, 6" x 6" grids, safety security guard with installation clips. Excludes flashing. See CSI section 07 62 13 00-0000 for flashing and trim.		
07 72 13 00-0168		Wood Framed, Prefabricated Roof Curbs *(07 72 13 00-0167)*		
07 72 13 00-0169		2 x 6 Wood Framed, Prefabricated Roof Curbs *(07 72 13 00-0168)*		
07 72 13 00-0170	EA	26" x 26" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	857.53	271.31
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*51.84*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*137.59*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-40.18*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*6.29*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*30.64*	
07 72 13 00-0171	EA	26" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	955.59	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*57.41*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*152.97*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-60.27*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*17.18*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*32.68*	
07 72 13 00-0172	EA	26" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	1,013.13	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*63.16*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*164.47*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*20.25*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*128.69*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*141.96*	
07 72 13 00-0173	EA	38" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	1,006.49	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*62.50*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*163.15*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-94.97*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*2.40*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*33.38*	
07 72 13 00-0174	EA	38" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	1,021.98	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*64.05*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*166.24*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*20.58*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*126.80*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*155.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0175	EA	38" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	1,144.39	339.14
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*72.05*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*186.49*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*26.56*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*143.84*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*188.10*	
07 72 13 00-0176	EA	50" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	1,017.56	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*63.60*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*165.36*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-98.62*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-1.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*23.09*	
07 72 13 00-0177	EA	50" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	1,164.31	339.14
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*74.04*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*190.47*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-140.63*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-63.16*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*12.07*	
07 72 13 00-0178	EA	51" x 99" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	1,333.88	406.96
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*82.52*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*215.91*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*34.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*158.12*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*213.44*	
07 72 13 00-0179	EA	62" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	1,124.47	339.14
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*70.05*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*182.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*27.22*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*100.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*184.34*	
07 72 13 00-0180	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	1,235.81	373.05
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*76.95*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*200.53*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-171.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-63.24*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*5.36*	
07 72 13 00-0181	EA	62" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	1,378.14	406.96
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*86.94*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*224.76*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*40.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*148.93*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*259.58*	
07 72 13 00-0182		2 x 8 Wood Framed, Prefabricated Roof Curbs *(07 72 13 00-0168)*		
07 72 13 00-0183	EA	26" x 26" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	870.81	271.31
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*53.17*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*140.25*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-40.18*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*6.29*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*30.64*	
07 72 13 00-0184	EA	26" x 50" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	971.08	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*58.96*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*156.06*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-60.27*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*17.18*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*32.68*	
07 72 13 00-0185	EA	26" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	1,055.18	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*67.37*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*172.88*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*20.25*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*128.69*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*141.96*	
07 72 13 00-0186	EA	38" x 62" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	1,033.05	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*65.15*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*168.46*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-94.97*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*2.40*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*33.38*	
07 72 13 00-0187	EA	38" x 74" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	1,055.18	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*67.37*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*172.88*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*20.58*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*126.80*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*155.57*	
07 72 13 00-0188	EA	38" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	1,177.59	339.14
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*75.37*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*193.13*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*26.56*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*143.84*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*188.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0189	EA	50" x 50" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	1,041.90	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*66.04*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*170.23*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-98.62*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-1.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*23.09*	
07 72 13 00-0190	EA	50" x 74" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	1,195.29	339.14
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*77.14*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*196.67*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-140.63*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-63.16*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*12.07*	
07 72 13 00-0191	EA	51" x 99" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	1,364.86	406.96
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*85.62*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*222.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*34.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*158.12*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*213.44*	
07 72 13 00-0192	EA	62" x 62" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	1,148.82	339.14
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*72.49*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*187.37*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*27.22*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*100.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*184.34*	
07 72 13 00-0193	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	1,264.58	373.05
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*79.83*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*206.28*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-171.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-63.24*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*5.36*	
07 72 13 00-0194	EA	62" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	1,409.12	406.96
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*90.04*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*230.95*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*40.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*148.93*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*259.58*	
07 72 13 00-0195		2 x 10 Wood Framed, Prefabricated Roof Curbs *(07 72 13 00-0168)*		
07 72 13 00-0196	EA	26" x 26" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	879.66	271.31
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*54.05*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*142.02*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-40.18*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*6.29*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*30.64*	
07 72 13 00-0197	EA	26" x 50" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	986.57	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*60.50*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*159.16*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-60.27*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*17.18*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*32.68*	
07 72 13 00-0198	EA	26" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	1,059.60	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*67.81*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*173.77*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*20.25*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*128.69*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*141.96*	
07 72 13 00-0199	EA	38" x 62" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	1,048.54	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*66.70*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*171.56*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-94.97*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*2.40*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*33.38*	
07 72 13 00-0200	EA	38" x 74" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	1,075.09	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*69.36*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*176.87*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*20.58*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*126.80*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*155.57*	
07 72 13 00-0201	EA	38" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	1,199.72	339.14
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*77.58*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*197.55*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*26.56*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*143.84*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*188.10*	
07 72 13 00-0202	EA	50" x 50" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	1,057.39	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*67.59*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*173.33*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-98.62*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-1.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*23.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0203	EA	50" x 74" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	1,215.21	339.14
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*79.13*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*200.65*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-140.63*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-63.16*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*12.07*	
07 72 13 00-0204	EA	51" x 99" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	1,384.78	406.96
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*87.61*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*226.09*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*34.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*158.12*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*213.44*	
07 72 13 00-0205	EA	62" x 62" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	1,164.31	339.14
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*74.04*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*190.47*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*27.22*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*100.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*184.34*	
07 72 13 00-0206	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	1,282.28	373.05
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*81.60*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*209.82*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-171.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-63.24*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*5.36*	
07 72 13 00-0207	EA	62" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	1,431.25	406.96
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*92.25*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*235.38*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*40.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*148.93*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*259.58*	

07 72 13 00-0208 2 x 12 Wood Framed, Prefabricated Roof Curbs *(07 72 13 00-0168)*

07 72 13 00-0209	EA	26" x 26" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	890.73	271.31
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*55.16*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*144.23*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-40.18*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*6.29*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*30.64*	
07 72 13 00-0210	EA	26" x 50" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	995.42	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*61.39*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*160.93*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-60.27*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*17.18*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*32.68*	
07 72 13 00-0211	EA	26" x 98" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	1,079.52	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*69.80*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*177.75*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*20.25*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*128.69*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*141.96*	
07 72 13 00-0212	EA	38" x 74" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	1,097.22	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*71.57*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*181.29*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*20.58*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*126.80*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*155.57*	
07 72 13 00-0213	EA	38" x 98" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	1,224.06	339.14
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*80.01*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*202.42*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*26.56*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*143.84*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*188.10*	
07 72 13 00-0214	EA	50" x 50" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	1,077.31	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*69.58*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*177.31*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-98.62*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-1.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*23.09*	
07 72 13 00-0215	EA	50" x 74" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	1,237.34	339.14
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*81.34*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*205.08*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-140.63*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-63.16*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*12.07*	
07 72 13 00-0216	EA	51" x 99" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	1,411.33	406.96
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*90.26*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*231.40*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*34.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*158.12*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*213.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0217	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	1,299.99	373.05
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*83.37*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*213.37*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-171.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-63.24*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*5.36*	
07 72 13 00-0218		Wood Framed With Liner, Prefabricated Roof Curbs *(07 72 13 00-0167)*		
07 72 13 00-0219		2 x 6 Wood Framed With Liner, Prefabricated Roof Curbs *(07 72 13 00-0218)*		
07 72 13 00-0220	EA	26" x 26" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	875.24	271.31
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*53.61*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*141.13*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-40.18*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*6.29*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*30.64*	
07 72 13 00-0221	EA	26" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	971.08	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*58.96*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*156.06*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-60.27*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*17.18*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*32.68*	
07 72 13 00-0222	EA	26" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	1,041.90	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*66.04*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*170.23*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*20.25*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*128.69*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*141.96*	
07 72 13 00-0223	EA	38" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	1,026.41	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*64.49*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*167.13*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-94.97*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*2.40*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*33.38*	
07 72 13 00-0224	EA	38" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	1,046.32	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*66.48*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*171.11*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*20.58*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*126.80*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*155.57*	
07 72 13 00-0225	EA	38" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	1,170.95	339.14
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*74.70*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*191.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*26.56*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*143.84*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*188.10*	
07 72 13 00-0226	EA	50" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	1,037.47	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*65.59*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*169.34*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-98.62*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-1.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*23.09*	
07 72 13 00-0227	EA	50" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	1,188.65	339.14
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*76.47*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*195.34*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-140.63*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-63.16*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*12.07*	
07 72 13 00-0228	EA	51" x 99" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	1,358.22	406.96
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*84.95*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*220.77*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*34.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*158.12*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*213.44*	
07 72 13 00-0229	EA	62" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	1,151.03	339.14
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*72.71*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*187.81*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*27.22*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*100.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*184.34*	
07 72 13 00-0230	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	1,260.15	373.05
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*79.38*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*205.40*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-171.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-63.24*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*5.36*	
07 72 13 00-0231	EA	62" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	1,409.12	406.96
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*90.04*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*230.95*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*40.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*148.93*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*259.58*	
07 72 13 00-0232		2 x 8 Wood Framed With Liner, Prefabricated Roof Curbs *(07 72 13 00-0218)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0233	EA	26" x 26" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	890.73	271.31
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*55.16*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*144.23*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-40.18*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*6.29*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*30.64*	
07 72 13 00-0234	EA	26" x 50" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	988.79	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*60.73*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*159.61*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-60.27*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*17.18*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*32.68*	
07 72 13 00-0235	EA	26" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	1,068.45	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*68.69*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*175.54*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*20.25*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*128.69*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*141.96*	
07 72 13 00-0236	EA	38" x 62" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	1,052.96	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*67.14*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*172.44*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-94.97*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*2.40*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*33.38*	
07 72 13 00-0237	EA	38" x 74" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	1,081.73	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*70.02*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*178.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*20.58*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*126.80*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*155.57*	
07 72 13 00-0238	EA	38" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	1,210.78	339.14
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*78.69*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*199.76*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*26.56*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*143.84*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*188.10*	
07 72 13 00-0239	EA	50" x 50" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	1,068.45	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*68.69*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*175.54*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-98.62*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-1.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*23.09*	
07 72 13 00-0240	EA	50" x 74" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	1,226.27	339.14
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*80.23*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*202.86*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-140.63*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-63.16*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*12.07*	
07 72 13 00-0241	EA	51" x 99" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	1,400.27	406.96
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*89.16*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*229.18*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*34.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*158.12*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*213.44*	
07 72 13 00-0242	EA	62" x 62" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	1,179.80	339.14
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*75.59*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*193.57*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*27.22*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*100.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*184.34*	
07 72 13 00-0243	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	1,293.35	373.05
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*82.70*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*212.04*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-171.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-63.24*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*5.36*	
07 72 13 00-0244	EA	62" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	1,446.74	406.96
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*93.80*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*238.48*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*40.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*148.93*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*259.58*	

07 72 13 00-0245 2 x 10 Wood Framed With Liner, Prefabricated Roof Curbs *(07 72 13 00-0218)*

07 72 13 00-0246	EA	26" x 26" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	904.01	271.31
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*56.49*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*146.89*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-40.18*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*6.29*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*30.64*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0247		EA	26" x 50" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	1,006.49	305.22
			For Sloped Roofs Up To 1 In 12 Pitch, Add	*62.50*	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*163.15*	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-60.27*	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*17.18*	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*32.68*	
07 72 13 00-0248		EA	26" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	1,095.01	305.22
			For Sloped Roofs Up To 1 In 12 Pitch, Add	*71.35*	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*180.85*	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*20.25*	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*128.69*	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*141.96*	
07 72 13 00-0249		EA	38" x 62" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	1,072.88	305.22
			For Sloped Roofs Up To 1 In 12 Pitch, Add	*69.14*	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*176.42*	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-94.97*	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*2.40*	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*33.38*	
07 72 13 00-0250		EA	38" x 74" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	1,108.29	305.22
			For Sloped Roofs Up To 1 In 12 Pitch, Add	*72.68*	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*183.51*	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*20.58*	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*126.80*	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*155.57*	
07 72 13 00-0251		EA	38" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	1,239.55	339.14
			For Sloped Roofs Up To 1 In 12 Pitch, Add	*81.56*	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*205.52*	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*26.56*	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*143.84*	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*188.10*	
07 72 13 00-0252		EA	50" x 50" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	1,088.37	305.22
			For Sloped Roofs Up To 1 In 12 Pitch, Add	*70.68*	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*179.52*	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-98.62*	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-1.25*	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*23.09*	
07 72 13 00-0253		EA	50" x 74" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	1,250.62	339.14
			For Sloped Roofs Up To 1 In 12 Pitch, Add	*82.67*	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*207.73*	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-140.63*	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-63.16*	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*12.07*	
07 72 13 00-0254		EA	51" x 99" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	1,426.82	406.96
			For Sloped Roofs Up To 1 In 12 Pitch, Add	*91.81*	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*234.49*	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*34.19*	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*158.12*	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*213.44*	
07 72 13 00-0255		EA	62" x 62" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	1,201.93	339.14
			For Sloped Roofs Up To 1 In 12 Pitch, Add	*77.80*	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*197.99*	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*27.22*	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*100.25*	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*184.34*	
07 72 13 00-0256		EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	1,317.69	373.05
			For Sloped Roofs Up To 1 In 12 Pitch, Add	*85.14*	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*216.91*	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-171.66*	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-63.24*	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*5.36*	
07 72 13 00-0257		EA	62" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	1,475.51	406.96
			For Sloped Roofs Up To 1 In 12 Pitch, Add	*96.68*	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*244.23*	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*40.50*	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*148.93*	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*259.58*	

07 72 13 00-0258 2 x 12 Wood Framed With Liner, Prefabricated Roof Curbs *(07 72 13 00-0218)*

07 72 13 00-0259		EA	26" x 26" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	930.56	271.31
			For Sloped Roofs Up To 1 In 12 Pitch, Add	*59.14*	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*152.20*	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-40.18*	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*6.29*	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*30.64*	
07 72 13 00-0260		EA	26" x 50" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	1,019.77	305.22
			For Sloped Roofs Up To 1 In 12 Pitch, Add	*63.82*	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*165.80*	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-60.27*	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*17.18*	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*32.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0261	EA	26" x 98" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	1,114.93	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*73.34*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*184.83*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*20.25*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*128.69*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*141.96*	
07 72 13 00-0262	EA	38" x 74" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	1,130.42	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*74.89*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*187.93*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*20.58*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*126.80*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*155.57*	
07 72 13 00-0263	EA	38" x 98" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	1,323.65	339.14
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*89.97*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*222.34*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*26.56*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*143.84*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*188.10*	
07 72 13 00-0264	EA	50" x 50" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	1,152.55	305.22
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*77.10*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*192.36*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-98.62*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-1.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*23.09*	
07 72 13 00-0265	EA	50" x 74" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	1,328.07	339.14
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*90.41*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*223.22*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-140.63*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-63.16*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*12.07*	
07 72 13 00-0266	EA	51" x 99" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	1,515.34	406.96
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*100.66*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*252.20*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*34.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*158.12*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*213.44*	
07 72 13 00-0267	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	1,399.57	373.05
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*93.33*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*233.28*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-171.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-63.24*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*5.36*	

07 72 23 Relief Vents *(07 72)*

07 72 23 00-0001 Wind Driven Turbine Ventilators *(07 72 23)*

Note: Excludes curb or flange base.

07 72 23 00-0002 Galvanized Steel, Wind Driven Turbine Ventilators *(07 72 23 00-0001)*

07 72 23 00-0003	EA	6" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	191.13	36.56
		For Curb Or Flange Base, Add	*210.84*	
07 72 23 00-0004	EA	9" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	229.79	40.48
		For Curb Or Flange Base, Add	*231.57*	
07 72 23 00-0005	EA	12" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	247.43	48.32
		For Curb Or Flange Base, Add	*257.11*	
07 72 23 00-0006	EA	15" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	480.52	53.54
		For Curb Or Flange Base, Add	*417.82*	
07 72 23 00-0007	EA	18" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	663.70	60.07
		For Curb Or Flange Base, Add	*452.28*	
07 72 23 00-0008	EA	21" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	801.80	65.29
		For Curb Or Flange Base, Add	*491.04*	
07 72 23 00-0009	EA	24" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	1,025.52	73.12
		For Curb Or Flange Base, Add	*602.40*	
07 72 23 00-0010	EA	36" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	1,697.28	97.93
		For Curb Or Flange Base, Add	*991.58*	

07 72 23 00-0011 Mill Finish Aluminum, Wind Driven Turbine Ventilators *(07 72 23 00-0001)*

07 72 23 00-0012	EA	6" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	177.16	36.56
		For Curb Or Flange Base, Add	*211.39*	
07 72 23 00-0013	EA	9" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	221.13	40.48
		For Curb Or Flange Base, Add	*232.76*	
07 72 23 00-0014	EA	12" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	247.48	48.32
		For Curb Or Flange Base, Add	*257.95*	
07 72 23 00-0015	EA	15" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	442.79	53.54
		For Curb Or Flange Base, Add	*443.09*	
07 72 23 00-0016	EA	18" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	571.95	60.07
		For Curb Or Flange Base, Add	*473.37*	
07 72 23 00-0017	EA	21" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	724.21	65.29
		For Curb Or Flange Base, Add	*533.59*	
07 72 23 00-0018	EA	24" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	978.80	73.12
		For Curb Or Flange Base, Add	*644.85*	
07 72 23 00-0019	EA	36" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	1,458.63	97.93
		For Curb Or Flange Base, Add	*970.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 23 00-0020		**Stationary Siphon Ventilators** *(07 72 23)* Note: Excludes curb or flange base.		
07 72 23 00-0021		**Galvanized Steel, Stationary Siphon Ventilators** *(07 72 23 00-0020)*		
07 72 23 00-0022	EA	6" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	160.64	36.56
		For Curb Or Flange Base, Add	*210.84*	
07 72 23 00-0023	EA	9" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	212.35	40.48
		For Curb Or Flange Base, Add	*231.57*	
07 72 23 00-0024	EA	12" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	233.13	48.32
		For Curb Or Flange Base, Add	*257.11*	
07 72 23 00-0025	EA	15" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	402.26	53.54
		For Curb Or Flange Base, Add	*417.82*	
07 72 23 00-0026	EA	18" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	465.64	60.07
		For Curb Or Flange Base, Add	*452.28*	
07 72 23 00-0027	EA	21" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	661.83	65.29
		For Curb Or Flange Base, Add	*491.04*	
07 72 23 00-0028	EA	24" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	863.30	73.12
		For Curb Or Flange Base, Add	*602.40*	
07 72 23 00-0029	EA	36" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	1,252.26	97.93
		For Curb Or Flange Base, Add	*991.58*	
07 72 23 00-0030		**Mill Finish Aluminum, Stationary Siphon Ventilators** *(07 72 23 00-0020)*		
07 72 23 00-0031	EA	6" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator	170.22	36.56
		For Curb Or Flange Base, Add	*211.39*	
07 72 23 00-0032	EA	9" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator	225.28	40.48
		For Curb Or Flange Base, Add	*232.76*	
07 72 23 00-0033	EA	12" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator	250.96	48.32
		For Curb Or Flange Base, Add	*257.95*	
07 72 23 00-0034	EA	15" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator	410.11	53.54
		For Curb Or Flange Base, Add	*443.09*	
07 72 23 00-0035	EA	18" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator	516.44	60.07
		For Curb Or Flange Base, Add	*473.37*	
07 72 23 00-0036	EA	21" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator	633.99	65.29
		For Curb Or Flange Base, Add	*533.59*	
07 72 23 00-0037	EA	24" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator	909.44	73.12
		For Curb Or Flange Base, Add	*644.85*	
07 72 23 00-0038	EA	36" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator	1,369.96	97.93
		For Curb Or Flange Base, Add	*970.30*	
07 72 23 00-0039		**Spun Aluminum, Stationary Mushroom Gravity Ventilators** *(07 72 23)* Note: Includes flange base and bird screen. Excludes curb.		
07 72 23 00-0040	EA	8" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	344.84	58.76
		For Backdraft Damper, Add	*188.42*	
		For Curb Base, Add	*272.81*	
07 72 23 00-0041	EA	10" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	427.01	65.29
		For Backdraft Damper, Add	*206.15*	
		For Curb Base, Add	*298.33*	
07 72 23 00-0042	EA	12" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	481.82	78.35
		For Backdraft Damper, Add	*281.52*	
		For Curb Base, Add	*378.84*	
07 72 23 00-0043	EA	16" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	590.07	86.19
		For Backdraft Damper, Add	*321.42*	
		For Curb Base, Add	*439.55*	
07 72 23 00-0044	EA	24" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	1,599.41	117.53
		For Backdraft Damper, Add	*403.43*	
		For Curb Base, Add	*578.22*	
07 72 23 00-0045	EA	30" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	1,955.44	135.80
		For Backdraft Damper, Add	*476.58*	
		For Curb Base, Add	*691.81*	
07 72 23 00-0046	EA	36" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	2,672.68	156.69
		For Backdraft Damper, Add	*476.58*	
		For Curb Base, Add	*717.76*	
07 72 23 00-0047	EA	42" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	3,771.53	169.76
		For Backdraft Damper, Add	*498.75*	
		For Curb Base, Add	*742.85*	
07 72 23 00-0048	EA	48" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	5,444.50	182.81
		For Backdraft Damper, Add	*554.16*	
		For Curb Base, Add	*836.65*	
07 72 23 00-0049		**Galvanized Steel, Stationary Gooseneck Ventilators** *(07 72 23)* Note: Includes flange base and bird screen. Excludes curb.		
07 72 23 00-0050	EA	8" x 8", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator	673.72	65.29
07 72 23 00-0051	EA	12" x 12", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator	786.12	86.19
07 72 23 00-0052	EA	16" x 16", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator	1,134.70	117.53
07 72 23 00-0053	EA	24" x 24", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator	1,781.09	135.80

07 72 26 Ridge Vents *(07 72)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 26 00-0001		**Aluminum Ridge Vents** *(07 72 26)*		
07 72 26 00-0002	LF	Aluminum Ridge Vent Strips	15.83	3.79
07 72 26 00-0003	EA	Aluminum Ridge Univent Connectors	60.36	23.54
07 72 26 00-0004	EA	Aluminum Ridge Univent End Cap	55.89	23.54
07 72 26 00-0005		**Galvanized Ridge Vents** *(07 72 26)*		
07 72 26 00-0006	LF	Galvanized Sheet Metal Ridge Vent Strips	14.68	4.05
07 72 29		**Rafter Vent** *(07 72)*		
07 72 29 00-0001		**Rafter Vent** *(07 72 29)*		
		Note: Built-in baffle is designed to help keep air flowing freely from soffits to ridge vents.		
07 72 29 00-0002	EA	22" x 4' Rafter Vent	11.01	
07 72 29 00-0003	EA	14" x 4' Rafter Vent	9.90	
07 72 33		**Roof Hatches** *(07 72)*		
		Note: Includes curb with integral insulation, lockable hatch and gaskets.		
07 72 33 00-0001		**Galvanized Steel Cover And Curb** *(07 72 33)*		
07 72 33 00-0002	EA	2'-6" x 3'-0" Galvanized Steel Roof Hatch	1,503.56	169.77
07 72 33 00-0003	EA	2'-6" x 4'-6" Galvanized Steel Roof Hatch	2,216.46	188.64
07 72 33 00-0004	EA	2'-6" x 8'-0" Galvanized Steel Roof Hatch	3,926.52	257.25
07 72 33 00-0005	EA	3'-0" x 3'-0" Galvanized Steel Roof Hatch	2,186.37	188.64
07 72 33 00-0006	EA	4'-0" x 4'-0" Galvanized Steel Roof Hatch	2,467.98	209.63
07 72 33 00-0007	EA	3'-0" x 8'-0" Galvanized Steel Roof Hatch	4,058.37	285.91
07 72 33 00-0008		**Aluminum Cover And Curb** *(07 72 33)*		
07 72 33 00-0009	EA	2'-6" x 3'-0" Aluminum Roof Hatch	1,284.64	169.77
07 72 33 00-0010	EA	2'-6" x 4'-6" Aluminum Roof Hatch	1,662.91	188.64
07 72 33 00-0011	EA	2'-6" x 8'-0" Aluminum Roof Hatch	3,004.30	257.25
07 72 33 00-0012	EA	3'-0" x 3'-0" Aluminum Roof Hatch	1,625.00	188.64
07 72 33 00-0013	EA	4'-0" x 4'-0" Aluminum Roof Hatch	2,871.58	209.63
07 72 33 00-0014	EA	3'-0" x 8'-0" Aluminum Roof Hatch	3,164.95	285.91
07 72 33 00-0015	EA	3'-0" x 2'-6" Aluminum Roof Scuttle With Skylight	1,816.55	188.64
07 72 33 00-0016		**Steel, Plain, Primed** *(07 72 33)*		
07 72 33 00-0017	EA	2'-6" x 3'-0" Plain Steel Roof Hatch Primed	1,440.66	169.77
07 72 33 00-0018	EA	2'-6" x 4'-6" Plain Steel Roof Hatch Primed	1,955.19	188.64
07 72 33 00-0019	EA	2'-6" x 8'-0" Plain Steel Roof Hatch Primed	2,678.69	257.25
07 72 33 00-0020	EA	3'-0" x 3'-0" Plain Steel Roof Hatch Primed	1,814.94	188.64
07 72 33 00-0021	EA	4'-0" x 4'-0" Plain Steel Roof Hatch Primed	2,228.34	209.63
07 72 33 00-0022	EA	3'-0" x 8'-0" Plain Steel Roof Hatch Primed	3,027.94	285.91
07 72 33 00-0023		**Stainless Steel** *(07 72 33)*		
07 72 33 00-0024	EA	2'-6" x 3'-0" Stainless Steel Roof Hatch	3,069.67	169.77
07 72 33 00-0025	EA	2'-6" x 4'-6" Stainless Steel Roof Hatch	5,874.60	188.64
07 72 33 00-0026	EA	2'-6" x 8'-0" Stainless Steel Roof Hatch	8,834.17	257.25
07 72 33 00-0027	EA	3'-0" x 3'-0" Stainless Steel Roof Hatch	4,714.59	188.64
07 72 33 00-0028	EA	4'-0" x 4'-0" Stainless Steel Roof Hatch	9,964.78	209.63
07 72 33 00-0029	EA	3'-0" x 8'-0" Stainless Steel Roof Hatch	11,160.77	285.91
07 72 33 00-0030		**Removal And Reinstallation Of Roof Hatch** *(07 72 33)*		
		Note: Includes storage, cleaning and supply materials.		
07 72 33 00-0031	EA	Removal And Reinstallation Of Roof Hatch (All Types)	522.20	
07 72 33 00-0032		**Aluminum Cover And Galvanized Steel Curb** *(07 72 33)*		
07 72 33 00-0033	EA	Aluminum Cover, Galvanized Steel Curb 3'-0" x 2'-6" Roof	1,245.53	188.64
07 72 33 00-0034	EA	Aluminum Cover, Galvanized Steel Curb 2'-6" x 4'-6" Roof	1,623.80	209.63
07 72 33 00-0035	EA	Aluminum Cover, Galvanized Steel Curb 2'-6" x 8'-0" Roof	2,902.62	285.79
07 72 33 00-0036	EA	Aluminum Cover, Galvanized Steel Curb 3'-0" x 3'-0" Roof	1,593.71	194.53
07 72 33 00-0037	EA	Aluminum Cover, Galvanized Steel Curb 4'-0" x 4'-0" Roof	2,785.53	215.52
07 72 33 00-0038		**Roof Hatch Accessories** *(07 72 33)*		
07 72 33 00-0039	EA	Enamel Steel, Roof Hatch Ladderup Safety Post	941.39	88.42
07 72 33 00-0040		**Roof Hatch Safety Railing** *(07 72 33)*		
		Note: Included mounting bracket to attach to roof hatch		
07 72 33 00-0041	EA	24" x 24" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate	2,104.81	
07 72 33 00-0042	EA	24" x 36" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate	2,185.10	
07 72 33 00-0043	EA	30" x 30" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate	2,239.92	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 33 00-0044	EA	30" x 36" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate	2,437.41	
07 72 33 00-0045	EA	36" x 36" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate	2,665.36	
07 72 33 00-0046	EA	48" x 48" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate	3,407.94	

07 72 36 Smoke Vents *(07 72)*

07 72 36 00-0001 Fire Vent *(07 72 36)*

07 72 36 00-0002 Galvanized Steel Covers And Curb *(07 72 36 00-0001)*

07 72 36 00-0003	EA	4'-0" x 4'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent	3,974.11	157.28
07 72 36 00-0004	EA	4'-0" x 6'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent	4,565.77	216.23
07 72 36 00-0005	EA	4'-0" x 7'-6" Galvanized Steel Covers And Curb, Smoke And Fire Vent	5,206.32	235.92
07 72 36 00-0006	EA	4'-0" x 8'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent	5,307.87	247.71
07 72 36 00-0007	EA	5'-0" x 5'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent	6,171.32	216.23
07 72 36 00-0008	EA	5'-0" x 6'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent	6,560.26	235.92
07 72 36 00-0009	EA	5'-0" x 7'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent	6,925.20	255.61
07 72 36 00-0010	EA	5'-0" x 8'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent	7,889.24	275.29
07 72 36 00-0011	EA	5'-0" x 10'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent	9,799.86	294.87
07 72 36 00-0012	EA	5'-6" x 5'-6" Galvanized Steel Covers And Curb, Smoke And Fire Vent	6,553.76	255.61
07 72 36 00-0013	EA	5'-6" x 12'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent	13,831.25	314.56
07 72 36 00-0014	EA	6'-0" x 6'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent	7,546.33	334.24

07 72 36 00-0015 Aluminum Covers And Galvanized Steel Curb *(07 72 36 00-0001)*

07 72 36 00-0016	EA	4'-0" x 4'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	2,770.16	157.28
07 72 36 00-0017	EA	4'-0" x 6'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	3,179.30	216.23
07 72 36 00-0018	EA	4'-0" x 7'-6" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	3,576.42	235.92
07 72 36 00-0019	EA	4'-0" x 8'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	3,703.60	247.71
07 72 36 00-0020	EA	5'-0" x 5'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	3,593.87	216.23
07 72 36 00-0021	EA	5'-0" x 6'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	4,585.47	235.92
07 72 36 00-0022	EA	5'-0" x 7'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	4,904.33	255.61
07 72 36 00-0023	EA	5'-0" x 8'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	4,777.36	275.29
07 72 36 00-0024	EA	5'-0" x 10'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	6,699.79	294.87
07 72 36 00-0025	EA	5'-6" x 5'-6" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	4,630.56	255.61
07 72 36 00-0026	EA	5'-6" x 12'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	8,778.67	314.56
07 72 36 00-0027	EA	6'-0" x 6'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	4,552.91	334.24

07 72 36 00-0028 Aluminum Covers And Curb *(07 72 36 00-0001)*

07 72 36 00-0029	EA	4'-0" x 4'-0" Aluminum Covers And Curb, Smoke And Fire Vent	3,020.47	157.28
07 72 36 00-0030	EA	4'-0" x 6'-0" Aluminum Covers And Curb, Smoke And Fire Vent	3,593.87	216.23
07 72 36 00-0031	EA	4'-0" x 7'-6" Aluminum Covers And Curb, Smoke And Fire Vent	3,944.05	235.92
07 72 36 00-0032	EA	4'-0" x 8'-0" Aluminum Covers And Curb, Smoke And Fire Vent	4,172.93	247.71
07 72 36 00-0033	EA	5'-0" x 5'-0" Aluminum Covers And Curb, Smoke And Fire Vent	3,781.60	216.23
07 72 36 00-0034	EA	5'-0" x 6'-0" Aluminum Covers And Curb, Smoke And Fire Vent	4,781.02	235.92
07 72 36 00-0035	EA	5'-0" x 7'-0" Aluminum Covers And Curb, Smoke And Fire Vent	5,076.42	255.61
07 72 36 00-0036	EA	5'-0" x 8'-0" Aluminum Covers And Curb, Smoke And Fire Vent	5,246.69	275.29
07 72 36 00-0037	EA	5'-0" x 10'-0" Aluminum Covers And Curb, Smoke And Fire Vent	6,363.44	294.87
07 72 36 00-0038	EA	5'-6" x 5'-6" Aluminum Covers And Curb, Smoke And Fire Vent	4,849.58	255.61
07 72 36 00-0039	EA	5'-6" x 12'-0" Aluminum Covers And Curb, Smoke And Fire Vent	9,584.35	314.56
07 72 36 00-0040	EA	6'-0" x 6'-0" Aluminum Covers And Curb, Smoke And Fire Vent	5,022.23	334.24

07 72 36 00-0041 Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb *(07 72 36)*

07 72 36 00-0042	EA	4'-0" x 4'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent	2,989.18	156.81
07 72 36 00-0043	EA	4'-0" x 6'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent	3,789.41	216.23
07 72 36 00-0044	EA	4'-0" x 8'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent	4,008.66	247.71
07 72 36 00-0045	EA	5'-0" x 5'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent	4,297.87	216.23
07 72 36 00-0046	EA	5'-0" x 8'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent	4,542.72	275.29

07 72 38 Roof Dormers *(07 72)*

07 72 38 13 Roof Dormer Vent *(07 72 38)*

07 72 38 13-0001 Copper Roof Dormer Vent *(07 72 38 13)*

Note: Includes insect screen on the inside of the louvers and fabricated with sturdy wooden framing.

07 72 38 13-0002 Half Round Copper Roof Dormer Vent *(07 72 38 13-0001)*

07 72 38 13-0003	EA	18" Half Round Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	459.35	74.56
07 72 38 13-0004	EA	18" Half Round Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	574.11	74.56
07 72 38 13-0005	EA	18" Half Round Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	704.27	74.56
07 72 38 13-0006	EA	18" Half Round Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	801.89	74.56
07 72 38 13-0007	EA	18" Half Round Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	918.36	74.56
07 72 38 13-0008	EA	18" Half Round Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,031.40	74.56
07 72 38 13-0009	EA	18" Half Round Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,146.15	74.56
07 72 38 13-0010	EA	18" Half Round Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,260.90	74.56
07 72 38 13-0011	EA	18" Half Round Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,375.65	74.56
07 72 38 13-0012	EA	18" Half Round Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,488.69	74.56
07 72 38 13-0013	EA	18" Half Round Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	1,603.44	74.56

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-0014	EA	18" Half Round Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	1,718.19	74.56
07 72 38 13-0015	EA	18" Half Round Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	829.30	74.56
07 72 38 13-0016	EA	18" Half Round Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	944.05	74.56
07 72 38 13-0017	EA	18" Half Round Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,074.21	74.56
07 72 38 13-0018	EA	18" Half Round Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,171.84	74.56
07 72 38 13-0019	EA	18" Half Round Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,288.30	74.56
07 72 38 13-0020	EA	18" Half Round Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,401.34	74.56
07 72 38 13-0021	EA	18" Half Round Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,516.09	74.56
07 72 38 13-0022	EA	18" Half Round Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	1,630.84	74.56
07 72 38 13-0023	EA	18" Half Round Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	1,745.59	74.56
07 72 38 13-0024	EA	18" Half Round Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	1,858.63	74.56
07 72 38 13-0025	EA	18" Half Round Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	1,973.38	74.56
07 72 38 13-0026	EA	18" Half Round Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,088.13	74.56
07 72 38 13-0027	EA	24" Half Round Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	542.58	90.26
07 72 38 13-0028	EA	24" Half Round Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	657.33	90.26
07 72 38 13-0029	EA	24" Half Round Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	787.50	90.26
07 72 38 13-0030	EA	24" Half Round Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	885.12	90.26
07 72 38 13-0031	EA	24" Half Round Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,001.59	90.26
07 72 38 13-0032	EA	24" Half Round Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,114.63	90.26
07 72 38 13-0033	EA	24" Half Round Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,229.38	90.26
07 72 38 13-0034	EA	24" Half Round Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,344.13	90.26
07 72 38 13-0035	EA	24" Half Round Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,458.88	90.26
07 72 38 13-0036	EA	24" Half Round Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,571.92	90.26
07 72 38 13-0037	EA	24" Half Round Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	1,686.67	90.26
07 72 38 13-0038	EA	24" Half Round Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	1,801.42	90.26
07 72 38 13-0039	EA	24" Half Round Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	912.53	90.26
07 72 38 13-0040	EA	24" Half Round Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,027.28	90.26
07 72 38 13-0041	EA	24" Half Round Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,157.44	90.26
07 72 38 13-0042	EA	24" Half Round Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,255.07	90.26
07 72 38 13-0043	EA	24" Half Round Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,371.53	90.26
07 72 38 13-0044	EA	24" Half Round Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,484.57	90.26
07 72 38 13-0045	EA	24" Half Round Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,599.32	90.26
07 72 38 13-0046	EA	24" Half Round Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	1,714.07	90.26
07 72 38 13-0047	EA	24" Half Round Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	1,828.82	90.26
07 72 38 13-0048	EA	24" Half Round Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	1,941.86	90.26
07 72 38 13-0049	EA	24" Half Round Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,056.61	90.26
07 72 38 13-0050	EA	24" Half Round Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,171.36	90.26
07 72 38 13-0051	EA	30" Half Round Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	631.34	100.72
07 72 38 13-0052	EA	30" Half Round Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	746.09	100.72
07 72 38 13-0053	EA	30" Half Round Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	876.25	100.72
07 72 38 13-0054	EA	30" Half Round Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	973.88	100.72
07 72 38 13-0055	EA	30" Half Round Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,090.34	100.72
07 72 38 13-0056	EA	30" Half Round Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,203.38	100.72
07 72 38 13-0057	EA	30" Half Round Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,318.13	100.72
07 72 38 13-0058	EA	30" Half Round Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,432.88	100.72
07 72 38 13-0059	EA	30" Half Round Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,547.63	100.72
07 72 38 13-0060	EA	30" Half Round Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,660.67	100.72
07 72 38 13-0061	EA	30" Half Round Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	1,775.42	100.72
07 72 38 13-0062	EA	30" Half Round Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	1,890.17	100.72
07 72 38 13-0063	EA	30" Half Round Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,001.28	100.72
07 72 38 13-0064	EA	30" Half Round Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,116.03	100.72
07 72 38 13-0065	EA	30" Half Round Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,246.20	100.72
07 72 38 13-0066	EA	30" Half Round Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,343.82	100.72
07 72 38 13-0067	EA	30" Half Round Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,460.29	100.72
07 72 38 13-0068	EA	30" Half Round Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,573.32	100.72
07 72 38 13-0069	EA	30" Half Round Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,688.07	100.72
07 72 38 13-0070	EA	30" Half Round Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	1,802.83	100.72
07 72 38 13-0071	EA	30" Half Round Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	1,917.58	100.72
07 72 38 13-0072	EA	30" Half Round Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,030.61	100.72
07 72 38 13-0073	EA	30" Half Round Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,145.37	100.72
07 72 38 13-0074	EA	30" Half Round Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,260.12	100.72
07 72 38 13-0075	EA	36" Half Round Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	736.66	115.11
07 72 38 13-0076	EA	36" Half Round Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	851.41	115.11
07 72 38 13-0077	EA	36" Half Round Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	981.58	115.11
07 72 38 13-0078	EA	36" Half Round Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,079.20	115.11
07 72 38 13-0079	EA	36" Half Round Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,195.66	115.11
07 72 38 13-0080	EA	36" Half Round Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,308.70	115.11
07 72 38 13-0081	EA	36" Half Round Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,423.45	115.11
07 72 38 13-0082	EA	36" Half Round Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,538.20	115.11
07 72 38 13-0083	EA	36" Half Round Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,652.95	115.11
07 72 38 13-0084	EA	36" Half Round Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,765.99	115.11
07 72 38 13-0085	EA	36" Half Round Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	1,880.74	115.11
07 72 38 13-0086	EA	36" Half Round Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	1,995.49	115.11
07 72 38 13-0087	EA	36" Half Round Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,106.60	115.11
07 72 38 13-0088	EA	36" Half Round Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,221.35	115.11
07 72 38 13-0089	EA	36" Half Round Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,351.52	115.11
07 72 38 13-0090	EA	36" Half Round Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,449.14	115.11
07 72 38 13-0091	EA	36" Half Round Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,565.61	115.11
07 72 38 13-0092	EA	36" Half Round Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,678.65	115.11
07 72 38 13-0093	EA	36" Half Round Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,793.40	115.11
07 72 38 13-0094	EA	36" Half Round Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	1,908.15	115.11

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-0095	EA	36" Half Round Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,022.90	115.11
07 72 38 13-0096	EA	36" Half Round Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,135.94	115.11
07 72 38 13-0097	EA	36" Half Round Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,250.69	115.11
07 72 38 13-0098	EA	36" Half Round Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,365.44	115.11
07 72 38 13-0099	EA	42" Half Round Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,044.77	128.20
07 72 38 13-0100	EA	42" Half Round Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,159.52	128.20
07 72 38 13-0101	EA	42" Half Round Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,289.68	128.20
07 72 38 13-0102	EA	42" Half Round Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,387.31	128.20
07 72 38 13-0103	EA	42" Half Round Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,503.77	128.20
07 72 38 13-0104	EA	42" Half Round Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,616.81	128.20
07 72 38 13-0105	EA	42" Half Round Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,731.56	128.20
07 72 38 13-0106	EA	42" Half Round Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,846.31	128.20
07 72 38 13-0107	EA	42" Half Round Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,961.06	128.20
07 72 38 13-0108	EA	42" Half Round Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,074.10	128.20
07 72 38 13-0109	EA	42" Half Round Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,188.85	128.20
07 72 38 13-0110	EA	42" Half Round Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,303.60	128.20
07 72 38 13-0111	EA	42" Half Round Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,414.71	128.20
07 72 38 13-0112	EA	42" Half Round Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,529.46	128.20
07 72 38 13-0113	EA	42" Half Round Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,659.63	128.20
07 72 38 13-0114	EA	42" Half Round Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,757.25	128.20
07 72 38 13-0115	EA	42" Half Round Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,873.71	128.20
07 72 38 13-0116	EA	42" Half Round Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,986.75	128.20
07 72 38 13-0117	EA	42" Half Round Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,101.50	128.20
07 72 38 13-0118	EA	42" Half Round Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,216.25	128.20
07 72 38 13-0119	EA	42" Half Round Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,331.01	128.20
07 72 38 13-0120	EA	42" Half Round Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,444.04	128.20
07 72 38 13-0121	EA	42" Half Round Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,558.79	128.20
07 72 38 13-0122	EA	42" Half Round Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,673.55	128.20
07 72 38 13-0123	EA	48" Half Round Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,411.71	128.20
07 72 38 13-0124	EA	48" Half Round Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,543.48	138.66
07 72 38 13-0125	EA	48" Half Round Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,673.65	138.66
07 72 38 13-0126	EA	48" Half Round Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,771.27	138.66
07 72 38 13-0127	EA	48" Half Round Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,887.74	138.66
07 72 38 13-0128	EA	48" Half Round Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,000.78	138.66
07 72 38 13-0129	EA	48" Half Round Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,115.53	138.66
07 72 38 13-0130	EA	48" Half Round Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,230.28	138.66
07 72 38 13-0131	EA	48" Half Round Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,345.03	138.66
07 72 38 13-0132	EA	48" Half Round Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,458.07	138.66
07 72 38 13-0133	EA	48" Half Round Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,572.82	138.66
07 72 38 13-0134	EA	48" Half Round Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,687.57	138.66
07 72 38 13-0135	EA	48" Half Round Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,798.68	138.66
07 72 38 13-0136	EA	48" Half Round Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,913.43	138.66
07 72 38 13-0137	EA	48" Half Round Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,043.59	138.66
07 72 38 13-0138	EA	48" Half Round Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,141.22	138.66
07 72 38 13-0139	EA	48" Half Round Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,257.68	138.66
07 72 38 13-0140	EA	48" Half Round Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,370.72	138.66
07 72 38 13-0141	EA	48" Half Round Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,485.47	138.66
07 72 38 13-0142	EA	48" Half Round Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,600.22	138.66
07 72 38 13-0143	EA	48" Half Round Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,714.97	138.66
07 72 38 13-0144	EA	48" Half Round Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,828.01	138.66
07 72 38 13-0145	EA	48" Half Round Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,942.76	138.66
07 72 38 13-0146	EA	48" Half Round Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,057.51	138.66

07 72 38 13-0147 Third Round Copper Roof Dormer Vent *(07 72 38 13-0001)*

07 72 38 13-0148	EA	36" Third Round Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	692.15	115.11
07 72 38 13-0149	EA	36" Third Round Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	806.90	115.11
07 72 38 13-0150	EA	36" Third Round Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	937.06	115.11
07 72 38 13-0151	EA	36" Third Round Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,034.69	115.11
07 72 38 13-0152	EA	36" Third Round Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,151.15	115.11
07 72 38 13-0153	EA	36" Third Round Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,264.19	115.11
07 72 38 13-0154	EA	36" Third Round Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,378.94	115.11
07 72 38 13-0155	EA	36" Third Round Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,493.69	115.11
07 72 38 13-0156	EA	36" Third Round Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,608.44	115.11
07 72 38 13-0157	EA	36" Third Round Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,721.48	115.11
07 72 38 13-0158	EA	36" Third Round Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	1,836.23	115.11
07 72 38 13-0159	EA	36" Third Round Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	1,950.98	115.11
07 72 38 13-0160	EA	36" Third Round Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	907.95	115.11
07 72 38 13-0161	EA	36" Third Round Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,022.70	115.11
07 72 38 13-0162	EA	36" Third Round Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,152.86	115.11
07 72 38 13-0163	EA	36" Third Round Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,250.49	115.11
07 72 38 13-0164	EA	36" Third Round Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,366.95	115.11
07 72 38 13-0165	EA	36" Third Round Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,479.99	115.11
07 72 38 13-0166	EA	36" Third Round Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,594.74	115.11
07 72 38 13-0167	EA	36" Third Round Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	1,709.49	115.11
07 72 38 13-0168	EA	36" Third Round Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	1,824.24	115.11
07 72 38 13-0169	EA	36" Third Round Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	1,937.28	115.11
07 72 38 13-0170	EA	36" Third Round Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,052.03	115.11
07 72 38 13-0171	EA	36" Third Round Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,166.78	115.11
07 72 38 13-0172	EA	42" Third Round Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	788.14	128.20
07 72 38 13-0173	EA	42" Third Round Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	902.89	128.20

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-0174	EA	42" Third Round Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,033.05	128.20
07 72 38 13-0175	EA	42" Third Round Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,130.68	128.20
07 72 38 13-0176	EA	42" Third Round Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,247.14	128.20
07 72 38 13-0177	EA	42" Third Round Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,360.18	128.20
07 72 38 13-0178	EA	42" Third Round Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,474.93	128.20
07 72 38 13-0179	EA	42" Third Round Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,589.68	128.20
07 72 38 13-0180	EA	42" Third Round Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,704.43	128.20
07 72 38 13-0181	EA	42" Third Round Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,817.47	128.20
07 72 38 13-0182	EA	42" Third Round Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	1,932.22	128.20
07 72 38 13-0183	EA	42" Third Round Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,046.97	128.20
07 72 38 13-0184	EA	42" Third Round Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,003.94	128.20
07 72 38 13-0185	EA	42" Third Round Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,118.69	128.20
07 72 38 13-0186	EA	42" Third Round Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,248.85	128.20
07 72 38 13-0187	EA	42" Third Round Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,346.48	128.20
07 72 38 13-0188	EA	42" Third Round Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,462.94	128.20
07 72 38 13-0189	EA	42" Third Round Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,575.98	128.20
07 72 38 13-0190	EA	42" Third Round Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,690.73	128.20
07 72 38 13-0191	EA	42" Third Round Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	1,805.48	128.20
07 72 38 13-0192	EA	42" Third Round Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	1,920.23	128.20
07 72 38 13-0193	EA	42" Third Round Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,033.27	128.20
07 72 38 13-0194	EA	42" Third Round Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,148.02	128.20
07 72 38 13-0195	EA	42" Third Round Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,262.77	128.20
07 72 38 13-0196	EA	48" Third Round Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,004.95	128.20
07 72 38 13-0197	EA	48" Third Round Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,136.72	138.66
07 72 38 13-0198	EA	48" Third Round Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,266.88	138.66
07 72 38 13-0199	EA	48" Third Round Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,364.51	138.66
07 72 38 13-0200	EA	48" Third Round Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,480.97	138.66
07 72 38 13-0201	EA	48" Third Round Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,594.01	138.66
07 72 38 13-0202	EA	48" Third Round Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,708.76	138.66
07 72 38 13-0203	EA	48" Third Round Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,823.51	138.66
07 72 38 13-0204	EA	48" Third Round Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,938.26	138.66
07 72 38 13-0205	EA	48" Third Round Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,051.30	138.66
07 72 38 13-0206	EA	48" Third Round Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,166.05	138.66
07 72 38 13-0207	EA	48" Third Round Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,280.80	138.66
07 72 38 13-0208	EA	48" Third Round Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,237.77	138.66
07 72 38 13-0209	EA	48" Third Round Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,352.52	138.66
07 72 38 13-0210	EA	48" Third Round Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,482.68	138.66
07 72 38 13-0211	EA	48" Third Round Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,580.31	138.66
07 72 38 13-0212	EA	48" Third Round Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,696.77	138.66
07 72 38 13-0213	EA	48" Third Round Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,809.81	138.66
07 72 38 13-0214	EA	48" Third Round Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,924.56	138.66
07 72 38 13-0215	EA	48" Third Round Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,039.31	138.66
07 72 38 13-0216	EA	48" Third Round Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,154.06	138.66
07 72 38 13-0217	EA	48" Third Round Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,267.10	138.66
07 72 38 13-0218	EA	48" Third Round Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,381.85	138.66
07 72 38 13-0219	EA	48" Third Round Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,496.60	138.66

07 72 38 13-0220 Triangle Copper Roof Dormer Vent *(07 72 38 13-0001)*

07 72 38 13-0221	EA	18" x 9" Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	777.81	74.56
07 72 38 13-0222	EA	18" x 9" Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	892.56	74.56
07 72 38 13-0223	EA	18" x 9" Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,022.73	74.56
07 72 38 13-0224	EA	18" x 9" Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,120.35	74.56
07 72 38 13-0225	EA	18" x 9" Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,236.82	74.56
07 72 38 13-0226	EA	18" x 9" Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,349.86	74.56
07 72 38 13-0227	EA	18" x 9" Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,464.61	74.56
07 72 38 13-0228	EA	18" x 9" Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,579.36	74.56
07 72 38 13-0229	EA	18" x 9" Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,694.11	74.56
07 72 38 13-0230	EA	18" x 9" Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,807.15	74.56
07 72 38 13-0231	EA	18" x 9" Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	1,921.90	74.56
07 72 38 13-0232	EA	18" x 9" Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,036.65	74.56
07 72 38 13-0233	EA	18" x 9" Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,147.76	74.56
07 72 38 13-0234	EA	18" x 9" Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,262.51	74.56
07 72 38 13-0235	EA	18" x 9" Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,392.67	74.56
07 72 38 13-0236	EA	18" x 9" Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,490.30	74.56
07 72 38 13-0237	EA	18" x 9" Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,606.76	74.56
07 72 38 13-0238	EA	18" x 9" Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,719.80	74.56
07 72 38 13-0239	EA	18" x 9" Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,834.55	74.56
07 72 38 13-0240	EA	18" x 9" Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	1,949.30	74.56
07 72 38 13-0241	EA	18" x 9" Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,064.05	74.56
07 72 38 13-0242	EA	18" x 9" Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,177.09	74.56
07 72 38 13-0243	EA	18" x 9" Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,291.84	74.56
07 72 38 13-0244	EA	18" x 9" Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,406.59	74.56
07 72 38 13-0245	EA	18" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	837.00	74.56
07 72 38 13-0246	EA	18" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	951.76	74.56
07 72 38 13-0247	EA	18" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,081.92	74.56
07 72 38 13-0248	EA	18" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,179.54	74.56
07 72 38 13-0249	EA	18" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,296.01	74.56
07 72 38 13-0250	EA	18" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,409.05	74.56
07 72 38 13-0251	EA	18" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,523.80	74.56
07 72 38 13-0252	EA	18" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,638.55	74.56

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-0253	EA	18" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,753.30	74.56
07 72 38 13-0254	EA	18" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,866.34	74.56
07 72 38 13-0255	EA	18" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	1,981.09	74.56
07 72 38 13-0256	EA	18" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,095.84	74.56
07 72 38 13-0257	EA	18" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,206.95	74.56
07 72 38 13-0258	EA	18" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,321.70	74.56
07 72 38 13-0259	EA	18" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,451.86	74.56
07 72 38 13-0260	EA	18" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,549.49	74.56
07 72 38 13-0261	EA	18" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,665.95	74.56
07 72 38 13-0262	EA	18" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,778.99	74.56
07 72 38 13-0263	EA	18" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,893.74	74.56
07 72 38 13-0264	EA	18" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,008.49	74.56
07 72 38 13-0265	EA	18" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,123.24	74.56
07 72 38 13-0266	EA	18" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,236.28	74.56
07 72 38 13-0267	EA	18" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,351.03	74.56
07 72 38 13-0268	EA	18" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,465.78	74.56
07 72 38 13-0269	EA	24" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	938.17	90.26
07 72 38 13-0270	EA	24" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,052.92	90.26
07 72 38 13-0271	EA	24" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,183.08	90.26
07 72 38 13-0272	EA	24" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,280.71	90.26
07 72 38 13-0273	EA	24" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,397.17	90.26
07 72 38 13-0274	EA	24" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,510.21	90.26
07 72 38 13-0275	EA	24" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,624.96	90.26
07 72 38 13-0276	EA	24" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,739.71	90.26
07 72 38 13-0277	EA	24" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,854.46	90.26
07 72 38 13-0278	EA	24" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,967.50	90.26
07 72 38 13-0279	EA	24" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,082.25	90.26
07 72 38 13-0280	EA	24" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,197.00	90.26
07 72 38 13-0281	EA	24" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,308.11	90.26
07 72 38 13-0282	EA	24" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,422.86	90.26
07 72 38 13-0283	EA	24" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,553.03	90.26
07 72 38 13-0284	EA	24" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,650.65	90.26
07 72 38 13-0285	EA	24" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,767.11	90.26
07 72 38 13-0286	EA	24" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,880.15	90.26
07 72 38 13-0287	EA	24" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,994.90	90.26
07 72 38 13-0288	EA	24" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,109.65	90.26
07 72 38 13-0289	EA	24" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,224.40	90.26
07 72 38 13-0290	EA	24" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,337.44	90.26
07 72 38 13-0291	EA	24" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,452.19	90.26
07 72 38 13-0292	EA	24" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,566.94	90.26
07 72 38 13-0293	EA	24" x 16" Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,043.39	90.26
07 72 38 13-0294	EA	24" x 16" Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,158.15	90.26
07 72 38 13-0295	EA	24" x 16" Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,288.31	90.26
07 72 38 13-0296	EA	24" x 16" Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,385.93	90.26
07 72 38 13-0297	EA	24" x 16" Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,502.40	90.26
07 72 38 13-0298	EA	24" x 16" Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,615.44	90.26
07 72 38 13-0299	EA	24" x 16" Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,730.19	90.26
07 72 38 13-0300	EA	24" x 16" Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,844.94	90.26
07 72 38 13-0301	EA	24" x 16" Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,959.69	90.26
07 72 38 13-0302	EA	24" x 16" Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,072.73	90.26
07 72 38 13-0303	EA	24" x 16" Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,187.48	90.26
07 72 38 13-0304	EA	24" x 16" Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,302.23	90.26
07 72 38 13-0305	EA	24" x 16" Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,413.34	90.26
07 72 38 13-0306	EA	24" x 16" Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,528.09	90.26
07 72 38 13-0307	EA	24" x 16" Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,658.25	90.26
07 72 38 13-0308	EA	24" x 16" Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,755.88	90.26
07 72 38 13-0309	EA	24" x 16" Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,872.34	90.26
07 72 38 13-0310	EA	24" x 16" Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,985.38	90.26
07 72 38 13-0311	EA	24" x 16" Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,100.13	90.26
07 72 38 13-0312	EA	24" x 16" Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,214.88	90.26
07 72 38 13-0313	EA	24" x 16" Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,329.63	90.26
07 72 38 13-0314	EA	24" x 16" Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,442.67	90.26
07 72 38 13-0315	EA	24" x 16" Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,557.42	90.26
07 72 38 13-0316	EA	24" x 16" Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,672.17	90.26
07 72 38 13-0317	EA	30" x 15" Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,132.75	100.72
07 72 38 13-0318	EA	30" x 15" Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,247.50	100.72
07 72 38 13-0319	EA	30" x 15" Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,377.66	100.72
07 72 38 13-0320	EA	30" x 15" Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,475.29	100.72
07 72 38 13-0321	EA	30" x 15" Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,591.75	100.72
07 72 38 13-0322	EA	30" x 15" Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,704.79	100.72
07 72 38 13-0323	EA	30" x 15" Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,819.54	100.72
07 72 38 13-0324	EA	30" x 15" Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,934.29	100.72
07 72 38 13-0325	EA	30" x 15" Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,049.04	100.72
07 72 38 13-0326	EA	30" x 15" Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,162.08	100.72
07 72 38 13-0327	EA	30" x 15" Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,276.83	100.72
07 72 38 13-0328	EA	30" x 15" Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,391.58	100.72
07 72 38 13-0329	EA	30" x 15" Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,502.69	100.72
07 72 38 13-0330	EA	30" x 15" Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,617.44	100.72
07 72 38 13-0331	EA	30" x 15" Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,747.61	100.72
07 72 38 13-0332	EA	30" x 15" Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,845.23	100.72
07 72 38 13-0333	EA	30" x 15" Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,961.70	100.72

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-0334	EA	30" x 15" Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,074.73	100.72
07 72 38 13-0335	EA	30" x 15" Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,189.48	100.72
07 72 38 13-0336	EA	30" x 15" Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,304.24	100.72
07 72 38 13-0337	EA	30" x 15" Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,418.99	100.72
07 72 38 13-0338	EA	30" x 15" Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,532.02	100.72
07 72 38 13-0339	EA	30" x 15" Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,646.78	100.72
07 72 38 13-0340	EA	30" x 15" Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,761.53	100.72
07 72 38 13-0341	EA	30" x 20" Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,297.17	100.72
07 72 38 13-0342	EA	30" x 20" Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,411.92	100.72
07 72 38 13-0343	EA	30" x 20" Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,542.08	100.72
07 72 38 13-0344	EA	30" x 20" Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,639.71	100.72
07 72 38 13-0345	EA	30" x 20" Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,756.17	100.72
07 72 38 13-0346	EA	30" x 20" Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,869.21	100.72
07 72 38 13-0347	EA	30" x 20" Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,983.96	100.72
07 72 38 13-0348	EA	30" x 20" Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,098.71	100.72
07 72 38 13-0349	EA	30" x 20" Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,213.46	100.72
07 72 38 13-0350	EA	30" x 20" Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,326.50	100.72
07 72 38 13-0351	EA	30" x 20" Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,441.25	100.72
07 72 38 13-0352	EA	30" x 20" Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,556.00	100.72
07 72 38 13-0353	EA	30" x 20" Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,667.11	100.72
07 72 38 13-0354	EA	30" x 20" Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,781.86	100.72
07 72 38 13-0355	EA	30" x 20" Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,912.03	100.72
07 72 38 13-0356	EA	30" x 20" Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,009.65	100.72
07 72 38 13-0357	EA	30" x 20" Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,126.11	100.72
07 72 38 13-0358	EA	30" x 20" Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,239.15	100.72
07 72 38 13-0359	EA	30" x 20" Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,353.90	100.72
07 72 38 13-0360	EA	30" x 20" Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,468.65	100.72
07 72 38 13-0361	EA	30" x 20" Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,583.41	100.72
07 72 38 13-0362	EA	30" x 20" Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,696.44	100.72
07 72 38 13-0363	EA	30" x 20" Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,811.19	100.72
07 72 38 13-0364	EA	30" x 20" Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,925.95	100.72
07 72 38 13-0365	EA	36" x 18" Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,370.70	115.11
07 72 38 13-0366	EA	36" x 18" Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,485.45	115.11
07 72 38 13-0367	EA	36" x 18" Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,615.62	115.11
07 72 38 13-0368	EA	36" x 18" Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,713.24	115.11
07 72 38 13-0369	EA	36" x 18" Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,829.71	115.11
07 72 38 13-0370	EA	36" x 18" Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,942.74	115.11
07 72 38 13-0371	EA	36" x 18" Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,057.49	115.11
07 72 38 13-0372	EA	36" x 18" Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,172.25	115.11
07 72 38 13-0373	EA	36" x 18" Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,287.00	115.11
07 72 38 13-0374	EA	36" x 18" Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,400.03	115.11
07 72 38 13-0375	EA	36" x 18" Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,514.79	115.11
07 72 38 13-0376	EA	36" x 18" Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,629.54	115.11
07 72 38 13-0377	EA	36" x 18" Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,740.65	115.11
07 72 38 13-0378	EA	36" x 18" Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,855.40	115.11
07 72 38 13-0379	EA	36" x 18" Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,985.56	115.11
07 72 38 13-0380	EA	36" x 18" Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,083.19	115.11
07 72 38 13-0381	EA	36" x 18" Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,199.65	115.11
07 72 38 13-0382	EA	36" x 18" Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,312.69	115.11
07 72 38 13-0383	EA	36" x 18" Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,427.44	115.11
07 72 38 13-0384	EA	36" x 18" Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,542.19	115.11
07 72 38 13-0385	EA	36" x 18" Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,656.94	115.11
07 72 38 13-0386	EA	36" x 18" Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,769.98	115.11
07 72 38 13-0387	EA	36" x 18" Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,884.73	115.11
07 72 38 13-0388	EA	36" x 18" Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,999.48	115.11
07 72 38 13-0389	EA	36" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,607.47	115.11
07 72 38 13-0390	EA	36" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,722.22	115.11
07 72 38 13-0391	EA	36" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,852.38	115.11
07 72 38 13-0392	EA	36" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,950.01	115.11
07 72 38 13-0393	EA	36" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,066.47	115.11
07 72 38 13-0394	EA	36" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,179.51	115.11
07 72 38 13-0395	EA	36" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,294.26	115.11
07 72 38 13-0396	EA	36" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,409.01	115.11
07 72 38 13-0397	EA	36" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,523.76	115.11
07 72 38 13-0398	EA	36" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,636.80	115.11
07 72 38 13-0399	EA	36" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,751.55	115.11
07 72 38 13-0400	EA	36" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,866.30	115.11
07 72 38 13-0401	EA	36" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,977.41	115.11
07 72 38 13-0402	EA	36" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,092.16	115.11
07 72 38 13-0403	EA	36" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,222.32	115.11
07 72 38 13-0404	EA	36" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,319.95	115.11
07 72 38 13-0405	EA	36" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,436.41	115.11
07 72 38 13-0406	EA	36" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,549.45	115.11
07 72 38 13-0407	EA	36" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,664.20	115.11
07 72 38 13-0408	EA	36" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,778.95	115.11
07 72 38 13-0409	EA	36" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,893.70	115.11
07 72 38 13-0410	EA	36" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,006.74	115.11
07 72 38 13-0411	EA	36" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,121.49	115.11
07 72 38 13-0412	EA	36" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,236.24	115.11
07 72 38 13-0413	EA	42" x 21" Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,646.82	128.20
07 72 38 13-0414	EA	42" x 21" Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,761.57	128.20

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-0415	EA	42" x 21" Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,891.73	128.20
07 72 38 13-0416	EA	42" x 21" Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,989.36	128.20
07 72 38 13-0417	EA	42" x 21" Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,105.82	128.20
07 72 38 13-0418	EA	42" x 21" Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,218.86	128.20
07 72 38 13-0419	EA	42" x 21" Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,333.61	128.20
07 72 38 13-0420	EA	42" x 21" Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,448.36	128.20
07 72 38 13-0421	EA	42" x 21" Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,563.11	128.20
07 72 38 13-0422	EA	42" x 21" Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,676.15	128.20
07 72 38 13-0423	EA	42" x 21" Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,790.90	128.20
07 72 38 13-0424	EA	42" x 21" Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,905.65	128.20
07 72 38 13-0425	EA	42" x 21" Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,016.76	128.20
07 72 38 13-0426	EA	42" x 21" Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,131.51	128.20
07 72 38 13-0427	EA	42" x 21" Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,261.68	128.20
07 72 38 13-0428	EA	42" x 21" Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,359.30	128.20
07 72 38 13-0429	EA	42" x 21" Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,475.76	128.20
07 72 38 13-0430	EA	42" x 21" Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,588.80	128.20
07 72 38 13-0431	EA	42" x 21" Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,703.55	128.20
07 72 38 13-0432	EA	42" x 21" Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,818.30	128.20
07 72 38 13-0433	EA	42" x 21" Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,933.05	128.20
07 72 38 13-0434	EA	42" x 21" Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,046.09	128.20
07 72 38 13-0435	EA	42" x 21" Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,160.84	128.20
07 72 38 13-0436	EA	42" x 21" Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,275.59	128.20
07 72 38 13-0437	EA	42" x 28" Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,969.08	127.77
07 72 38 13-0438	EA	42" x 28" Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	2,083.83	127.77
07 72 38 13-0439	EA	42" x 28" Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	2,213.99	127.77
07 72 38 13-0440	EA	42" x 28" Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,311.62	127.77
07 72 38 13-0441	EA	42" x 28" Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,428.08	127.77
07 72 38 13-0442	EA	42" x 28" Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,541.12	127.77
07 72 38 13-0443	EA	42" x 28" Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,655.87	127.77
07 72 38 13-0444	EA	42" x 28" Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,770.62	127.77
07 72 38 13-0445	EA	42" x 28" Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,885.37	127.77
07 72 38 13-0446	EA	42" x 28" Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,998.41	127.77
07 72 38 13-0447	EA	42" x 28" Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	3,113.16	127.77
07 72 38 13-0448	EA	42" x 28" Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,227.91	127.77
07 72 38 13-0449	EA	42" x 28" Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,339.02	127.77
07 72 38 13-0450	EA	42" x 28" Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,453.77	127.77
07 72 38 13-0451	EA	42" x 28" Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,583.94	127.77
07 72 38 13-0452	EA	42" x 28" Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,681.56	127.77
07 72 38 13-0453	EA	42" x 28" Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,798.02	127.77
07 72 38 13-0454	EA	42" x 28" Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,911.06	127.77
07 72 38 13-0455	EA	42" x 28" Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	3,025.81	127.77
07 72 38 13-0456	EA	42" x 28" Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,140.56	127.77
07 72 38 13-0457	EA	42" x 28" Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,255.32	127.77
07 72 38 13-0458	EA	42" x 28" Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,368.35	127.77
07 72 38 13-0459	EA	42" x 28" Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,483.10	127.77
07 72 38 13-0460	EA	42" x 28" Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,597.86	127.77
07 72 38 13-0461	EA	48" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,942.77	127.77
07 72 38 13-0462	EA	48" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	2,074.54	139.00
07 72 38 13-0463	EA	48" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	2,204.71	139.00
07 72 38 13-0464	EA	48" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,302.33	139.00
07 72 38 13-0465	EA	48" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,418.79	139.00
07 72 38 13-0466	EA	48" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,531.83	139.00
07 72 38 13-0467	EA	48" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,646.58	139.00
07 72 38 13-0468	EA	48" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,761.33	139.00
07 72 38 13-0469	EA	48" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,876.09	139.00
07 72 38 13-0470	EA	48" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,989.12	139.00
07 72 38 13-0471	EA	48" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	3,103.87	139.00
07 72 38 13-0472	EA	48" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,218.63	139.00
07 72 38 13-0473	EA	48" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,329.73	139.00
07 72 38 13-0474	EA	48" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,444.48	139.00
07 72 38 13-0475	EA	48" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,574.65	139.00
07 72 38 13-0476	EA	48" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,672.27	139.00
07 72 38 13-0477	EA	48" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,788.74	139.00
07 72 38 13-0478	EA	48" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,901.78	139.00
07 72 38 13-0479	EA	48" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	3,016.53	139.00
07 72 38 13-0480	EA	48" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,131.28	139.00
07 72 38 13-0481	EA	48" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,246.03	139.00
07 72 38 13-0482	EA	48" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,359.07	139.00
07 72 38 13-0483	EA	48" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,473.82	139.00
07 72 38 13-0484	EA	48" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,588.57	139.00
07 72 38 13-0485	EA	48" x 32" Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	2,363.68	127.77
07 72 38 13-0486	EA	48" x 32" Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	2,495.45	139.00
07 72 38 13-0487	EA	48" x 32" Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	2,625.62	139.00
07 72 38 13-0488	EA	48" x 32" Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,723.24	139.00
07 72 38 13-0489	EA	48" x 32" Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,839.71	139.00
07 72 38 13-0490	EA	48" x 32" Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,952.75	139.00
07 72 38 13-0491	EA	48" x 32" Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	3,067.50	139.00
07 72 38 13-0492	EA	48" x 32" Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	3,182.25	139.00
07 72 38 13-0493	EA	48" x 32" Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	3,297.00	139.00
07 72 38 13-0494	EA	48" x 32" Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	3,410.04	139.00
07 72 38 13-0495	EA	48" x 32" Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	3,524.79	139.00

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-0496	EA	48" x 32" Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,639.54	139.00
07 72 38 13-0497	EA	48" x 32" Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,750.65	139.00
07 72 38 13-0498	EA	48" x 32" Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,865.40	139.00
07 72 38 13-0499	EA	48" x 32" Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,995.56	139.00
07 72 38 13-0500	EA	48" x 32" Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	3,093.19	139.00
07 72 38 13-0501	EA	48" x 32" Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	3,209.65	139.00
07 72 38 13-0502	EA	48" x 32" Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	3,322.69	139.00
07 72 38 13-0503	EA	48" x 32" Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	3,437.44	139.00
07 72 38 13-0504	EA	48" x 32" Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,552.19	139.00
07 72 38 13-0505	EA	48" x 32" Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,666.94	139.00
07 72 38 13-0506	EA	48" x 32" Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,779.98	139.00
07 72 38 13-0507	EA	48" x 32" Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,894.73	139.00
07 72 38 13-0508	EA	48" x 32" Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	4,009.48	139.00

07 72 38 13-0509 Arched Triangle Copper Roof Dormer Vent *(07 72 38 13-0001)*

07 72 38 13-0510	EA	18" x 9" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	866.57	74.56
07 72 38 13-0511	EA	18" x 9" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	981.32	74.56
07 72 38 13-0512	EA	18" x 9" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,111.48	74.56
07 72 38 13-0513	EA	18" x 9" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,209.11	74.56
07 72 38 13-0514	EA	18" x 9" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,325.57	74.56
07 72 38 13-0515	EA	18" x 9" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,438.61	74.56
07 72 38 13-0516	EA	18" x 9" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,553.36	74.56
07 72 38 13-0517	EA	18" x 9" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,668.11	74.56
07 72 38 13-0518	EA	18" x 9" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,782.86	74.56
07 72 38 13-0519	EA	18" x 9" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,895.90	74.56
07 72 38 13-0520	EA	18" x 9" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,010.65	74.56
07 72 38 13-0521	EA	18" x 9" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,125.40	74.56
07 72 38 13-0522	EA	18" x 9" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,236.51	74.56
07 72 38 13-0523	EA	18" x 9" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,351.26	74.56
07 72 38 13-0524	EA	18" x 9" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,481.43	74.56
07 72 38 13-0525	EA	18" x 9" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,579.05	74.56
07 72 38 13-0526	EA	18" x 9" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,695.51	74.56
07 72 38 13-0527	EA	18" x 9" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,808.55	74.56
07 72 38 13-0528	EA	18" x 9" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,923.30	74.56
07 72 38 13-0529	EA	18" x 9" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,038.05	74.56
07 72 38 13-0530	EA	18" x 9" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,152.80	74.56
07 72 38 13-0531	EA	18" x 9" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,265.84	74.56
07 72 38 13-0532	EA	18" x 9" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,380.59	74.56
07 72 38 13-0533	EA	18" x 9" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,495.34	74.56
07 72 38 13-0534	EA	18" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	936.34	74.56
07 72 38 13-0535	EA	18" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,051.09	74.56
07 72 38 13-0536	EA	18" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,181.26	74.56
07 72 38 13-0537	EA	18" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,278.88	74.56
07 72 38 13-0538	EA	18" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,395.34	74.56
07 72 38 13-0539	EA	18" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,508.38	74.56
07 72 38 13-0540	EA	18" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,623.13	74.56
07 72 38 13-0541	EA	18" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,737.88	74.56
07 72 38 13-0542	EA	18" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,852.64	74.56
07 72 38 13-0543	EA	18" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,965.67	74.56
07 72 38 13-0544	EA	18" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,080.42	74.56
07 72 38 13-0545	EA	18" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,195.18	74.56
07 72 38 13-0546	EA	18" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,306.28	74.56
07 72 38 13-0547	EA	18" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,421.04	74.56
07 72 38 13-0548	EA	18" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,551.20	74.56
07 72 38 13-0549	EA	18" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,648.82	74.56
07 72 38 13-0550	EA	18" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,765.29	74.56
07 72 38 13-0551	EA	18" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,878.33	74.56
07 72 38 13-0552	EA	18" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,993.08	74.56
07 72 38 13-0553	EA	18" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,107.83	74.56
07 72 38 13-0554	EA	18" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,222.58	74.56
07 72 38 13-0555	EA	18" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,335.62	74.56
07 72 38 13-0556	EA	18" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,450.37	74.56
07 72 38 13-0557	EA	18" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,565.12	74.56
07 72 38 13-0558	EA	24" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,051.62	90.26
07 72 38 13-0559	EA	24" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,166.37	90.26
07 72 38 13-0560	EA	24" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,296.53	90.26
07 72 38 13-0561	EA	24" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,394.16	90.26
07 72 38 13-0562	EA	24" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,510.62	90.26
07 72 38 13-0563	EA	24" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,623.66	90.26
07 72 38 13-0564	EA	24" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,738.41	90.26
07 72 38 13-0565	EA	24" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,853.16	90.26
07 72 38 13-0566	EA	24" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,967.91	90.26
07 72 38 13-0567	EA	24" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,080.95	90.26
07 72 38 13-0568	EA	24" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,195.70	90.26
07 72 38 13-0569	EA	24" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,310.45	90.26
07 72 38 13-0570	EA	24" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,421.56	90.26
07 72 38 13-0571	EA	24" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,536.31	90.26
07 72 38 13-0572	EA	24" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,666.47	90.26
07 72 38 13-0573	EA	24" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,764.10	90.26
07 72 38 13-0574	EA	24" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,880.56	90.26

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-0575	EA	24" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,993.60	90.26
07 72 38 13-0576	EA	24" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,108.35	90.26
07 72 38 13-0577	EA	24" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,223.10	90.26
07 72 38 13-0578	EA	24" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,337.85	90.26
07 72 38 13-0579	EA	24" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,450.89	90.26
07 72 38 13-0580	EA	24" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,565.64	90.26
07 72 38 13-0581	EA	24" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,680.39	90.26
07 72 38 13-0582	EA	24" x 16" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,175.67	90.26
07 72 38 13-0583	EA	24" x 16" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,290.42	90.26
07 72 38 13-0584	EA	24" x 16" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,420.58	90.26
07 72 38 13-0585	EA	24" x 16" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,518.21	90.26
07 72 38 13-0586	EA	24" x 16" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,634.67	90.26
07 72 38 13-0587	EA	24" x 16" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,747.71	90.26
07 72 38 13-0588	EA	24" x 16" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,862.46	90.26
07 72 38 13-0589	EA	24" x 16" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,977.21	90.26
07 72 38 13-0590	EA	24" x 16" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,091.96	90.26
07 72 38 13-0591	EA	24" x 16" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,205.00	90.26
07 72 38 13-0592	EA	24" x 16" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,319.75	90.26
07 72 38 13-0593	EA	24" x 16" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,434.50	90.26
07 72 38 13-0594	EA	24" x 16" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,545.61	90.26
07 72 38 13-0595	EA	24" x 16" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,660.36	90.26
07 72 38 13-0596	EA	24" x 16" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,790.53	90.26
07 72 38 13-0597	EA	24" x 16" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,888.15	90.26
07 72 38 13-0598	EA	24" x 16" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,004.61	90.26
07 72 38 13-0599	EA	24" x 16" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,117.65	90.26
07 72 38 13-0600	EA	24" x 16" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,232.40	90.26
07 72 38 13-0601	EA	24" x 16" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,347.15	90.26
07 72 38 13-0602	EA	24" x 16" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,461.90	90.26
07 72 38 13-0603	EA	24" x 16" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,574.94	90.26
07 72 38 13-0604	EA	24" x 16" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,689.69	90.26
07 72 38 13-0605	EA	24" x 16" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,804.44	90.26
07 72 38 13-0606	EA	30" x 15" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,277.97	100.72
07 72 38 13-0607	EA	30" x 15" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,392.72	100.72
07 72 38 13-0608	EA	30" x 15" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,522.88	100.72
07 72 38 13-0609	EA	30" x 15" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,620.51	100.72
07 72 38 13-0610	EA	30" x 15" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,736.97	100.72
07 72 38 13-0611	EA	30" x 15" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,850.01	100.72
07 72 38 13-0612	EA	30" x 15" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,964.76	100.72
07 72 38 13-0613	EA	30" x 15" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,079.51	100.72
07 72 38 13-0614	EA	30" x 15" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,194.26	100.72
07 72 38 13-0615	EA	30" x 15" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,307.30	100.72
07 72 38 13-0616	EA	30" x 15" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,422.05	100.72
07 72 38 13-0617	EA	30" x 15" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,536.80	100.72
07 72 38 13-0618	EA	30" x 15" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,647.91	100.72
07 72 38 13-0619	EA	30" x 15" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,762.66	100.72
07 72 38 13-0620	EA	30" x 15" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,892.83	100.72
07 72 38 13-0621	EA	30" x 15" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,990.45	100.72
07 72 38 13-0622	EA	30" x 15" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,106.92	100.72
07 72 38 13-0623	EA	30" x 15" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,219.95	100.72
07 72 38 13-0624	EA	30" x 15" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,334.70	100.72
07 72 38 13-0625	EA	30" x 15" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,449.46	100.72
07 72 38 13-0626	EA	30" x 15" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,564.21	100.72
07 72 38 13-0627	EA	30" x 15" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,677.24	100.72
07 72 38 13-0628	EA	30" x 15" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,792.00	100.72
07 72 38 13-0629	EA	30" x 15" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,906.75	100.72
07 72 38 13-0630	EA	30" x 20" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,471.79	100.72
07 72 38 13-0631	EA	30" x 20" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,586.55	100.72
07 72 38 13-0632	EA	30" x 20" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,716.71	100.72
07 72 38 13-0633	EA	30" x 20" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,814.33	100.72
07 72 38 13-0634	EA	30" x 20" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,930.80	100.72
07 72 38 13-0635	EA	30" x 20" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,043.84	100.72
07 72 38 13-0636	EA	30" x 20" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,158.59	100.72
07 72 38 13-0637	EA	30" x 20" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,273.34	100.72
07 72 38 13-0638	EA	30" x 20" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,388.09	100.72
07 72 38 13-0639	EA	30" x 20" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,501.13	100.72
07 72 38 13-0640	EA	30" x 20" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,615.88	100.72
07 72 38 13-0641	EA	30" x 20" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,730.63	100.72
07 72 38 13-0642	EA	30" x 20" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,841.74	100.72
07 72 38 13-0643	EA	30" x 20" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,956.49	100.72
07 72 38 13-0644	EA	30" x 20" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,086.65	100.72
07 72 38 13-0645	EA	30" x 20" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,184.28	100.72
07 72 38 13-0646	EA	30" x 20" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,300.74	100.72
07 72 38 13-0647	EA	30" x 20" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,413.78	100.72
07 72 38 13-0648	EA	30" x 20" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,528.53	100.72
07 72 38 13-0649	EA	30" x 20" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,643.28	100.72
07 72 38 13-0650	EA	30" x 20" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,758.03	100.72
07 72 38 13-0651	EA	30" x 20" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,871.07	100.72
07 72 38 13-0652	EA	30" x 20" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,985.82	100.72
07 72 38 13-0653	EA	30" x 20" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,100.57	100.72
07 72 38 13-0654	EA	36" x 18" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,554.73	115.11
07 72 38 13-0655	EA	36" x 18" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,669.48	115.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-0656	EA	36" x 18" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,799.65	115.11
07 72 38 13-0657	EA	36" x 18" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,897.27	115.11
07 72 38 13-0658	EA	36" x 18" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,013.74	115.11
07 72 38 13-0659	EA	36" x 18" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,126.77	115.11
07 72 38 13-0660	EA	36" x 18" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,241.52	115.11
07 72 38 13-0661	EA	36" x 18" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,356.28	115.11
07 72 38 13-0662	EA	36" x 18" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,471.03	115.11
07 72 38 13-0663	EA	36" x 18" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,584.06	115.11
07 72 38 13-0664	EA	36" x 18" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,698.82	115.11
07 72 38 13-0665	EA	36" x 18" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,813.57	115.11
07 72 38 13-0666	EA	36" x 18" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,924.67	115.11
07 72 38 13-0667	EA	36" x 18" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,039.43	115.11
07 72 38 13-0668	EA	36" x 18" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,169.59	115.11
07 72 38 13-0669	EA	36" x 18" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,267.21	115.11
07 72 38 13-0670	EA	36" x 18" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,383.68	115.11
07 72 38 13-0671	EA	36" x 18" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,496.72	115.11
07 72 38 13-0672	EA	36" x 18" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,611.47	115.11
07 72 38 13-0673	EA	36" x 18" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,726.22	115.11
07 72 38 13-0674	EA	36" x 18" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,840.97	115.11
07 72 38 13-0675	EA	36" x 18" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,954.01	115.11
07 72 38 13-0676	EA	36" x 18" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,068.76	115.11
07 72 38 13-0677	EA	36" x 18" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,183.51	115.11
07 72 38 13-0678	EA	36" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,833.85	115.11
07 72 38 13-0679	EA	36" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,948.60	115.11
07 72 38 13-0680	EA	36" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	2,078.77	115.11
07 72 38 13-0681	EA	36" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,176.39	115.11
07 72 38 13-0682	EA	36" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,292.85	115.11
07 72 38 13-0683	EA	36" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,405.89	115.11
07 72 38 13-0684	EA	36" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,520.64	115.11
07 72 38 13-0685	EA	36" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,635.39	115.11
07 72 38 13-0686	EA	36" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,750.14	115.11
07 72 38 13-0687	EA	36" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,863.18	115.11
07 72 38 13-0688	EA	36" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,977.93	115.11
07 72 38 13-0689	EA	36" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,092.68	115.11
07 72 38 13-0690	EA	36" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,203.79	115.11
07 72 38 13-0691	EA	36" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,318.54	115.11
07 72 38 13-0692	EA	36" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,448.71	115.11
07 72 38 13-0693	EA	36" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,546.33	115.11
07 72 38 13-0694	EA	36" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,662.80	115.11
07 72 38 13-0695	EA	36" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,775.84	115.11
07 72 38 13-0696	EA	36" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,890.59	115.11
07 72 38 13-0697	EA	36" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,005.34	115.11
07 72 38 13-0698	EA	36" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,120.09	115.11
07 72 38 13-0699	EA	36" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,233.13	115.11
07 72 38 13-0700	EA	36" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,347.88	115.11
07 72 38 13-0701	EA	36" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,462.63	115.11
07 72 38 13-0702	EA	42" x 21" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,876.73	128.20
07 72 38 13-0703	EA	42" x 21" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,991.48	128.20
07 72 38 13-0704	EA	42" x 21" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	2,121.64	128.20
07 72 38 13-0705	EA	42" x 21" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,219.27	128.20
07 72 38 13-0706	EA	42" x 21" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,335.73	128.20
07 72 38 13-0707	EA	42" x 21" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,448.77	128.20
07 72 38 13-0708	EA	42" x 21" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,563.52	128.20
07 72 38 13-0709	EA	42" x 21" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,678.27	128.20
07 72 38 13-0710	EA	42" x 21" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,793.02	128.20
07 72 38 13-0711	EA	42" x 21" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,906.06	128.20
07 72 38 13-0712	EA	42" x 21" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	3,020.81	128.20
07 72 38 13-0713	EA	42" x 21" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,135.56	128.20
07 72 38 13-0714	EA	42" x 21" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,246.67	128.20
07 72 38 13-0715	EA	42" x 21" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,361.42	128.20
07 72 38 13-0716	EA	42" x 21" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,491.59	128.20
07 72 38 13-0717	EA	42" x 21" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,589.21	128.20
07 72 38 13-0718	EA	42" x 21" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,705.68	128.20
07 72 38 13-0719	EA	42" x 21" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,818.71	128.20
07 72 38 13-0720	EA	42" x 21" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,933.46	128.20
07 72 38 13-0721	EA	42" x 21" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,048.22	128.20
07 72 38 13-0722	EA	42" x 21" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,162.97	128.20
07 72 38 13-0723	EA	42" x 21" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,276.00	128.20
07 72 38 13-0724	EA	42" x 21" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,390.76	128.20
07 72 38 13-0725	EA	42" x 21" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,505.51	128.20
07 72 38 13-0726	EA	42" x 28" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	2,256.64	127.77
07 72 38 13-0727	EA	42" x 28" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	2,371.39	127.77
07 72 38 13-0728	EA	42" x 28" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	2,501.56	127.77
07 72 38 13-0729	EA	42" x 28" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,599.18	127.77
07 72 38 13-0730	EA	42" x 28" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,715.64	127.77
07 72 38 13-0731	EA	42" x 28" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,828.68	127.77
07 72 38 13-0732	EA	42" x 28" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,943.43	127.77
07 72 38 13-0733	EA	42" x 28" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	3,058.18	127.77
07 72 38 13-0734	EA	42" x 28" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	3,172.93	127.77
07 72 38 13-0735	EA	42" x 28" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	3,285.97	127.77
07 72 38 13-0736	EA	42" x 28" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	3,400.72	127.77

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-0737	EA	42" x 28" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,515.47	127.77
07 72 38 13-0738	EA	42" x 28" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,626.58	127.77
07 72 38 13-0739	EA	42" x 28" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,741.33	127.77
07 72 38 13-0740	EA	42" x 28" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,871.50	127.77
07 72 38 13-0741	EA	42" x 28" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,969.12	127.77
07 72 38 13-0742	EA	42" x 28" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	3,085.59	127.77
07 72 38 13-0743	EA	42" x 28" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	3,198.62	127.77
07 72 38 13-0744	EA	42" x 28" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	3,313.38	127.77
07 72 38 13-0745	EA	42" x 28" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,428.13	127.77
07 72 38 13-0746	EA	42" x 28" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,542.88	127.77
07 72 38 13-0747	EA	42" x 28" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,655.92	127.77
07 72 38 13-0748	EA	42" x 28" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,770.67	127.77
07 72 38 13-0749	EA	42" x 28" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,885.42	127.77
07 72 38 13-0750	EA	48" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	2,225.62	127.77
07 72 38 13-0751	EA	48" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	2,357.39	139.00
07 72 38 13-0752	EA	48" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	2,487.56	139.00
07 72 38 13-0753	EA	48" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,585.18	139.00
07 72 38 13-0754	EA	48" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,701.65	139.00
07 72 38 13-0755	EA	48" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,814.68	139.00
07 72 38 13-0756	EA	48" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,929.44	139.00
07 72 38 13-0757	EA	48" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	3,044.19	139.00
07 72 38 13-0758	EA	48" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	3,158.94	139.00
07 72 38 13-0759	EA	48" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	3,271.98	139.00
07 72 38 13-0760	EA	48" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	3,386.73	139.00
07 72 38 13-0761	EA	48" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,501.48	139.00
07 72 38 13-0762	EA	48" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,612.59	139.00
07 72 38 13-0763	EA	48" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,727.34	139.00
07 72 38 13-0764	EA	48" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,857.50	139.00
07 72 38 13-0765	EA	48" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,955.13	139.00
07 72 38 13-0766	EA	48" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	3,071.59	139.00
07 72 38 13-0767	EA	48" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	3,184.63	139.00
07 72 38 13-0768	EA	48" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	3,299.38	139.00
07 72 38 13-0769	EA	48" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,414.13	139.00
07 72 38 13-0770	EA	48" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,528.88	139.00
07 72 38 13-0771	EA	48" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,641.92	139.00
07 72 38 13-0772	EA	48" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,756.67	139.00
07 72 38 13-0773	EA	48" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,871.42	139.00
07 72 38 13-0774	EA	48" x 32" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	2,721.83	127.77
07 72 38 13-0775	EA	48" x 32" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	2,853.60	139.00
07 72 38 13-0776	EA	48" x 32" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	2,983.76	139.00
07 72 38 13-0777	EA	48" x 32" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	3,081.39	139.00
07 72 38 13-0778	EA	48" x 32" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	3,197.85	139.00
07 72 38 13-0779	EA	48" x 32" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	3,310.89	139.00
07 72 38 13-0780	EA	48" x 32" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	3,425.64	139.00
07 72 38 13-0781	EA	48" x 32" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	3,540.39	139.00
07 72 38 13-0782	EA	48" x 32" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	3,655.14	139.00
07 72 38 13-0783	EA	48" x 32" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	3,768.18	139.00
07 72 38 13-0784	EA	48" x 32" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	3,882.93	139.00
07 72 38 13-0785	EA	48" x 32" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,997.68	139.00
07 72 38 13-0786	EA	48" x 32" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	3,108.79	139.00
07 72 38 13-0787	EA	48" x 32" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	3,223.54	139.00
07 72 38 13-0788	EA	48" x 32" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	3,353.71	139.00
07 72 38 13-0789	EA	48" x 32" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	3,451.33	139.00
07 72 38 13-0790	EA	48" x 32" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	3,567.79	139.00
07 72 38 13-0791	EA	48" x 32" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	3,680.83	139.00
07 72 38 13-0792	EA	48" x 32" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	3,795.58	139.00
07 72 38 13-0793	EA	48" x 32" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,910.33	139.00
07 72 38 13-0794	EA	48" x 32" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	4,025.08	139.00
07 72 38 13-0795	EA	48" x 32" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	4,138.12	139.00
07 72 38 13-0796	EA	48" x 32" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	4,252.87	139.00
07 72 38 13-0797	EA	48" x 32" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	4,367.62	139.00

07 72 38 13-0798 Eyebrow Copper Roof Dormer Vent *(07 72 38 13-0001)*

07 72 38 13-0799	EA	36" x 15" Eyebrow Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	730.00	115.11
07 72 38 13-0800	EA	36" x 15" Eyebrow Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	844.75	115.11
07 72 38 13-0801	EA	36" x 15" Eyebrow Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	974.91	115.11
07 72 38 13-0802	EA	36" x 15" Eyebrow Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,072.54	115.11
07 72 38 13-0803	EA	36" x 15" Eyebrow Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,189.00	115.11
07 72 38 13-0804	EA	36" x 15" Eyebrow Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,302.04	115.11
07 72 38 13-0805	EA	36" x 15" Eyebrow Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,416.79	115.11
07 72 38 13-0806	EA	36" x 15" Eyebrow Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,531.54	115.11
07 72 38 13-0807	EA	36" x 15" Eyebrow Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,646.29	115.11
07 72 38 13-0808	EA	36" x 15" Eyebrow Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,759.33	115.11
07 72 38 13-0809	EA	36" x 15" Eyebrow Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	1,874.08	115.11
07 72 38 13-0810	EA	36" x 15" Eyebrow Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	1,988.83	115.11
07 72 38 13-0811	EA	36" x 15" Eyebrow Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,099.94	115.11
07 72 38 13-0812	EA	36" x 15" Eyebrow Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,214.69	115.11
07 72 38 13-0813	EA	36" x 15" Eyebrow Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,344.86	115.11
07 72 38 13-0814	EA	36" x 15" Eyebrow Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,442.48	115.11
07 72 38 13-0815	EA	36" x 15" Eyebrow Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,558.94	115.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-0816	EA	36" x 15" Eyebrow Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,671.98	115.11
07 72 38 13-0817	EA	36" x 15" Eyebrow Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,786.73	115.11
07 72 38 13-0818	EA	36" x 15" Eyebrow Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	1,901.48	115.11
07 72 38 13-0819	EA	36" x 15" Eyebrow Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,016.24	115.11
07 72 38 13-0820	EA	36" x 15" Eyebrow Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,129.27	115.11
07 72 38 13-0821	EA	36" x 15" Eyebrow Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,244.02	115.11
07 72 38 13-0822	EA	36" x 15" Eyebrow Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,358.78	115.11
07 72 38 13-0823	EA	42" x 18" Eyebrow Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,236.14	128.20
07 72 38 13-0824	EA	42" x 18" Eyebrow Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,350.90	128.20
07 72 38 13-0825	EA	42" x 18" Eyebrow Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,481.06	128.20
07 72 38 13-0826	EA	42" x 18" Eyebrow Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,578.68	128.20
07 72 38 13-0827	EA	42" x 18" Eyebrow Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,695.15	128.20
07 72 38 13-0828	EA	42" x 18" Eyebrow Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,808.19	128.20
07 72 38 13-0829	EA	42" x 18" Eyebrow Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,922.94	128.20
07 72 38 13-0830	EA	42" x 18" Eyebrow Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,037.69	128.20
07 72 38 13-0831	EA	42" x 18" Eyebrow Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,152.44	128.20
07 72 38 13-0832	EA	42" x 18" Eyebrow Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,265.48	128.20
07 72 38 13-0833	EA	42" x 18" Eyebrow Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,380.23	128.20
07 72 38 13-0834	EA	42" x 18" Eyebrow Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,494.98	128.20
07 72 38 13-0835	EA	42" x 18" Eyebrow Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,606.09	128.20
07 72 38 13-0836	EA	42" x 18" Eyebrow Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,720.84	128.20
07 72 38 13-0837	EA	42" x 18" Eyebrow Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,851.00	128.20
07 72 38 13-0838	EA	42" x 18" Eyebrow Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,948.63	128.20
07 72 38 13-0839	EA	42" x 18" Eyebrow Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,065.09	128.20
07 72 38 13-0840	EA	42" x 18" Eyebrow Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,178.13	128.20
07 72 38 13-0841	EA	42" x 18" Eyebrow Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,292.88	128.20
07 72 38 13-0842	EA	42" x 18" Eyebrow Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,407.63	128.20
07 72 38 13-0843	EA	42" x 18" Eyebrow Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,522.38	128.20
07 72 38 13-0844	EA	42" x 18" Eyebrow Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,635.42	128.20
07 72 38 13-0845	EA	42" x 18" Eyebrow Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,750.17	128.20
07 72 38 13-0846	EA	42" x 18" Eyebrow Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,864.92	128.20
07 72 38 13-0847	EA	48" x 21" Eyebrow Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,653.15	128.20
07 72 38 13-0848	EA	48" x 21" Eyebrow Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,784.92	138.66
07 72 38 13-0849	EA	48" x 21" Eyebrow Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,915.09	138.66
07 72 38 13-0850	EA	48" x 21" Eyebrow Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,012.71	138.66
07 72 38 13-0851	EA	48" x 21" Eyebrow Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,129.18	138.66
07 72 38 13-0852	EA	48" x 21" Eyebrow Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,242.21	138.66
07 72 38 13-0853	EA	48" x 21" Eyebrow Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,356.97	138.66
07 72 38 13-0854	EA	48" x 21" Eyebrow Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,471.72	138.66
07 72 38 13-0855	EA	48" x 21" Eyebrow Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,586.47	138.66
07 72 38 13-0856	EA	48" x 21" Eyebrow Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,699.51	138.66
07 72 38 13-0857	EA	48" x 21" Eyebrow Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,814.26	138.66
07 72 38 13-0858	EA	48" x 21" Eyebrow Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,929.01	138.66
07 72 38 13-0859	EA	48" x 21" Eyebrow Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,040.12	138.66
07 72 38 13-0860	EA	48" x 21" Eyebrow Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,154.87	138.66
07 72 38 13-0861	EA	48" x 21" Eyebrow Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,285.03	138.66
07 72 38 13-0862	EA	48" x 21" Eyebrow Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,382.66	138.66
07 72 38 13-0863	EA	48" x 21" Eyebrow Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,499.12	138.66
07 72 38 13-0864	EA	48" x 21" Eyebrow Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,612.16	138.66
07 72 38 13-0865	EA	48" x 21" Eyebrow Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,726.91	138.66
07 72 38 13-0866	EA	48" x 21" Eyebrow Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,841.66	138.66
07 72 38 13-0867	EA	48" x 21" Eyebrow Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,956.41	138.66
07 72 38 13-0868	EA	48" x 21" Eyebrow Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,069.45	138.66
07 72 38 13-0869	EA	48" x 21" Eyebrow Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,184.20	138.66
07 72 38 13-0870	EA	48" x 21" Eyebrow Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,298.95	138.66

07 72 38 13-0871 Rectangle Copper Roof Dormer Vent *(07 72 38 13-0001)*

07 72 38 13-0872	EA	12" x 18" Rectangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	849.66	75.11
07 72 38 13-0873	EA	12" x 18" Rectangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	919.73	75.11
07 72 38 13-0874	EA	12" x 18" Rectangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	989.79	75.11
07 72 38 13-0875	EA	12" x 18" Rectangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,059.86	75.11
07 72 38 13-0876	EA	12" x 18" Rectangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,129.93	75.11
07 72 38 13-0877	EA	12" x 18" Rectangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,199.99	75.11
07 72 38 13-0878	EA	12" x 18" Rectangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,270.06	75.11
07 72 38 13-0879	EA	12" x 18" Rectangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,340.13	75.11
07 72 38 13-0880	EA	12" x 18" Rectangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,410.19	75.11
07 72 38 13-0881	EA	12" x 18" Rectangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,480.26	75.11
07 72 38 13-0882	EA	12" x 18" Rectangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	1,550.33	75.11
07 72 38 13-0883	EA	12" x 18" Rectangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	1,620.39	75.11
07 72 38 13-0884	EA	12" x 18" Rectangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,219.60	75.11
07 72 38 13-0885	EA	12" x 18" Rectangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,289.67	75.11
07 72 38 13-0886	EA	12" x 18" Rectangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,359.74	75.11
07 72 38 13-0887	EA	12" x 18" Rectangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,429.80	75.11
07 72 38 13-0888	EA	12" x 18" Rectangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,499.87	75.11
07 72 38 13-0889	EA	12" x 18" Rectangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,569.94	75.11
07 72 38 13-0890	EA	12" x 18" Rectangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,640.00	75.11
07 72 38 13-0891	EA	12" x 18" Rectangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	1,710.07	75.11
07 72 38 13-0892	EA	12" x 18" Rectangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	1,780.14	75.11
07 72 38 13-0893	EA	12" x 18" Rectangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	1,850.20	75.11
07 72 38 13-0894	EA	12" x 18" Rectangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	1,920.27	75.11

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-0895	EA	12" x 18" Rectangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	1,990.34	75.11
07 72 38 13-0896	EA	15" x 21" Rectangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,016.03	89.78
07 72 38 13-0897	EA	15" x 21" Rectangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,086.09	89.78
07 72 38 13-0898	EA	15" x 21" Rectangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,156.16	89.78
07 72 38 13-0899	EA	15" x 21" Rectangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,226.22	89.78
07 72 38 13-0900	EA	15" x 21" Rectangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,296.29	89.78
07 72 38 13-0901	EA	15" x 21" Rectangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,366.36	89.78
07 72 38 13-0902	EA	15" x 21" Rectangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,436.42	89.78
07 72 38 13-0903	EA	15" x 21" Rectangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,506.49	89.78
07 72 38 13-0904	EA	15" x 21" Rectangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,576.56	89.78
07 72 38 13-0905	EA	15" x 21" Rectangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,646.62	89.78
07 72 38 13-0906	EA	15" x 21" Rectangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	1,716.69	89.78
07 72 38 13-0907	EA	15" x 21" Rectangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	1,786.76	89.78
07 72 38 13-0908	EA	15" x 21" Rectangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,385.97	89.78
07 72 38 13-0909	EA	15" x 21" Rectangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,456.04	89.78
07 72 38 13-0910	EA	15" x 21" Rectangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,526.10	89.78
07 72 38 13-0911	EA	15" x 21" Rectangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,596.17	89.78
07 72 38 13-0912	EA	15" x 21" Rectangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,666.23	89.78
07 72 38 13-0913	EA	15" x 21" Rectangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,736.30	89.78
07 72 38 13-0914	EA	15" x 21" Rectangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,806.37	89.78
07 72 38 13-0915	EA	15" x 21" Rectangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	1,876.43	89.78
07 72 38 13-0916	EA	15" x 21" Rectangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	1,946.50	89.78
07 72 38 13-0917	EA	15" x 21" Rectangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,016.57	89.78
07 72 38 13-0918	EA	15" x 21" Rectangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,086.63	89.78
07 72 38 13-0919	EA	15" x 21" Rectangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,156.70	89.78
07 72 38 13-0920	EA	18" x 27" Rectangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,281.98	101.01
07 72 38 13-0921	EA	18" x 27" Rectangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,352.04	101.01
07 72 38 13-0922	EA	18" x 27" Rectangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,422.11	101.01
07 72 38 13-0923	EA	18" x 27" Rectangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,492.18	101.01
07 72 38 13-0924	EA	18" x 27" Rectangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,562.24	101.01
07 72 38 13-0925	EA	18" x 27" Rectangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,632.31	101.01
07 72 38 13-0926	EA	18" x 27" Rectangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,702.38	101.01
07 72 38 13-0927	EA	18" x 27" Rectangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,772.44	101.01
07 72 38 13-0928	EA	18" x 27" Rectangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,842.51	101.01
07 72 38 13-0929	EA	18" x 27" Rectangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,912.58	101.01
07 72 38 13-0930	EA	18" x 27" Rectangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	1,982.64	101.01
07 72 38 13-0931	EA	18" x 27" Rectangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,052.71	101.01
07 72 38 13-0932	EA	18" x 27" Rectangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,651.92	101.01
07 72 38 13-0933	EA	18" x 27" Rectangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,721.99	101.01
07 72 38 13-0934	EA	18" x 27" Rectangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,792.05	101.01
07 72 38 13-0935	EA	18" x 27" Rectangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,862.12	101.01
07 72 38 13-0936	EA	18" x 27" Rectangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,932.19	101.01
07 72 38 13-0937	EA	18" x 27" Rectangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,002.25	101.01
07 72 38 13-0938	EA	18" x 27" Rectangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,072.32	101.01
07 72 38 13-0939	EA	18" x 27" Rectangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,142.39	101.01
07 72 38 13-0940	EA	18" x 27" Rectangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,212.45	101.01
07 72 38 13-0941	EA	18" x 27" Rectangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,282.52	101.01
07 72 38 13-0942	EA	18" x 27" Rectangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,352.59	101.01
07 72 38 13-0943	EA	18" x 27" Rectangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,422.65	101.01
07 72 38 13-0944	EA	24" x 36" Rectangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,853.19	114.83
07 72 38 13-0945	EA	24" x 36" Rectangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,923.25	114.83
07 72 38 13-0946	EA	24" x 36" Rectangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,993.32	114.83
07 72 38 13-0947	EA	24" x 36" Rectangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,063.39	114.83
07 72 38 13-0948	EA	24" x 36" Rectangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,133.45	114.83
07 72 38 13-0949	EA	24" x 36" Rectangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,203.52	114.83
07 72 38 13-0950	EA	24" x 36" Rectangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,273.59	114.83
07 72 38 13-0951	EA	24" x 36" Rectangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,343.65	114.83
07 72 38 13-0952	EA	24" x 36" Rectangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,413.72	114.83
07 72 38 13-0953	EA	24" x 36" Rectangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,483.79	114.83
07 72 38 13-0954	EA	24" x 36" Rectangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,553.85	114.83
07 72 38 13-0955	EA	24" x 36" Rectangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,623.92	114.83
07 72 38 13-0956	EA	24" x 36" Rectangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,223.13	114.83
07 72 38 13-0957	EA	24" x 36" Rectangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,293.20	114.83
07 72 38 13-0958	EA	24" x 36" Rectangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,363.26	114.83
07 72 38 13-0959	EA	24" x 36" Rectangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,433.33	114.83
07 72 38 13-0960	EA	24" x 36" Rectangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,503.40	114.83
07 72 38 13-0961	EA	24" x 36" Rectangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,573.46	114.83
07 72 38 13-0962	EA	24" x 36" Rectangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,643.53	114.83
07 72 38 13-0963	EA	24" x 36" Rectangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,713.60	114.83
07 72 38 13-0964	EA	24" x 36" Rectangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,783.66	114.83
07 72 38 13-0965	EA	24" x 36" Rectangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,853.73	114.83
07 72 38 13-0966	EA	24" x 36" Rectangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,923.80	114.83
07 72 38 13-0967	EA	24" x 36" Rectangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,993.86	114.83
07 72 38 13-0968	EA	30" x 42" Rectangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	2,449.30	127.77
07 72 38 13-0969	EA	30" x 42" Rectangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	2,519.37	127.77
07 72 38 13-0970	EA	30" x 42" Rectangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	2,589.43	127.77
07 72 38 13-0971	EA	30" x 42" Rectangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,659.50	127.77
07 72 38 13-0972	EA	30" x 42" Rectangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,729.57	127.77
07 72 38 13-0973	EA	30" x 42" Rectangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,799.63	127.77
07 72 38 13-0974	EA	30" x 42" Rectangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,869.70	127.77
07 72 38 13-0975	EA	30" x 42" Rectangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,939.77	127.77

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-0976	EA	30" x 42" Rectangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	3,009.83	127.77
07 72 38 13-0977	EA	30" x 42" Rectangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	3,079.90	127.77
07 72 38 13-0978	EA	30" x 42" Rectangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	3,149.97	127.77
07 72 38 13-0979	EA	30" x 42" Rectangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,220.03	127.77
07 72 38 13-0980	EA	30" x 42" Rectangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,819.24	127.77
07 72 38 13-0981	EA	30" x 42" Rectangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,889.31	127.77
07 72 38 13-0982	EA	30" x 42" Rectangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,959.38	127.77
07 72 38 13-0983	EA	30" x 42" Rectangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	3,029.44	127.77
07 72 38 13-0984	EA	30" x 42" Rectangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	3,099.51	127.77
07 72 38 13-0985	EA	30" x 42" Rectangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	3,169.58	127.77
07 72 38 13-0986	EA	30" x 42" Rectangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	3,239.64	127.77
07 72 38 13-0987	EA	30" x 42" Rectangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,309.71	127.77
07 72 38 13-0988	EA	30" x 42" Rectangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,379.78	127.77
07 72 38 13-0989	EA	30" x 42" Rectangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,449.84	127.77
07 72 38 13-0990	EA	30" x 42" Rectangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,519.91	127.77
07 72 38 13-0991	EA	30" x 42" Rectangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,589.98	127.77
07 72 38 13-0992	EA	36" x 48" Rectangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	3,130.61	127.77
07 72 38 13-0993	EA	36" x 48" Rectangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	3,217.70	139.00
07 72 38 13-0994	EA	36" x 48" Rectangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	3,287.77	139.00
07 72 38 13-0995	EA	36" x 48" Rectangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	3,357.83	139.00
07 72 38 13-0996	EA	36" x 48" Rectangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	3,427.90	139.00
07 72 38 13-0997	EA	36" x 48" Rectangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	3,497.97	139.00
07 72 38 13-0998	EA	36" x 48" Rectangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	3,568.03	139.00
07 72 38 13-0999	EA	36" x 48" Rectangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	3,638.10	139.00
07 72 38 13-1000	EA	36" x 48" Rectangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	3,708.17	139.00
07 72 38 13-1001	EA	36" x 48" Rectangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	3,778.23	139.00
07 72 38 13-1002	EA	36" x 48" Rectangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	3,848.30	139.00
07 72 38 13-1003	EA	36" x 48" Rectangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,918.37	139.00
07 72 38 13-1004	EA	36" x 48" Rectangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	3,517.58	139.00
07 72 38 13-1005	EA	36" x 48" Rectangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	3,587.64	139.00
07 72 38 13-1006	EA	36" x 48" Rectangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	3,657.71	139.00
07 72 38 13-1007	EA	36" x 48" Rectangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	3,727.78	139.00
07 72 38 13-1008	EA	36" x 48" Rectangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	3,797.84	139.00
07 72 38 13-1009	EA	36" x 48" Rectangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	3,867.91	139.00
07 72 38 13-1010	EA	36" x 48" Rectangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	3,937.98	139.00
07 72 38 13-1011	EA	36" x 48" Rectangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	4,008.04	139.00
07 72 38 13-1012	EA	36" x 48" Rectangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	4,078.11	139.00
07 72 38 13-1013	EA	36" x 48" Rectangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	4,148.18	139.00
07 72 38 13-1014	EA	36" x 48" Rectangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	4,218.24	139.00
07 72 38 13-1015	EA	36" x 48" Rectangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	4,288.31	139.00
07 72 38 13-1016		Tombstone Copper Roof Dormer Vent *(07 72 38 13-0001)*		
07 72 38 13-1017	EA	12" x 18" Tombstone Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	892.84	75.11
07 72 38 13-1018	EA	12" x 18" Tombstone Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,007.59	75.11
07 72 38 13-1019	EA	12" x 18" Tombstone Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,137.75	75.11
07 72 38 13-1020	EA	12" x 18" Tombstone Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,235.38	75.11
07 72 38 13-1021	EA	12" x 18" Tombstone Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,351.84	75.11
07 72 38 13-1022	EA	12" x 18" Tombstone Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,464.88	75.11
07 72 38 13-1023	EA	12" x 18" Tombstone Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,579.63	75.11
07 72 38 13-1024	EA	12" x 18" Tombstone Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,694.38	75.11
07 72 38 13-1025	EA	12" x 18" Tombstone Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,809.13	75.11
07 72 38 13-1026	EA	12" x 18" Tombstone Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,922.17	75.11
07 72 38 13-1027	EA	12" x 18" Tombstone Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,036.92	75.11
07 72 38 13-1028	EA	12" x 18" Tombstone Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,151.67	75.11
07 72 38 13-1029	EA	12" x 18" Tombstone Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,262.78	75.11
07 72 38 13-1030	EA	12" x 18" Tombstone Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,377.53	75.11
07 72 38 13-1031	EA	12" x 18" Tombstone Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,507.70	75.11
07 72 38 13-1032	EA	12" x 18" Tombstone Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,605.32	75.11
07 72 38 13-1033	EA	12" x 18" Tombstone Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,721.79	75.11
07 72 38 13-1034	EA	12" x 18" Tombstone Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,834.82	75.11
07 72 38 13-1035	EA	12" x 18" Tombstone Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,949.57	75.11
07 72 38 13-1036	EA	12" x 18" Tombstone Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,064.33	75.11
07 72 38 13-1037	EA	12" x 18" Tombstone Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,179.08	75.11
07 72 38 13-1038	EA	12" x 18" Tombstone Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,292.11	75.11
07 72 38 13-1039	EA	12" x 18" Tombstone Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,406.87	75.11
07 72 38 13-1040	EA	12" x 18" Tombstone Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,521.62	75.11
07 72 38 13-1041	EA	15" x 21" Tombstone Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,034.47	89.78
07 72 38 13-1042	EA	15" x 21" Tombstone Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,149.22	89.78
07 72 38 13-1043	EA	15" x 21" Tombstone Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,279.39	89.78
07 72 38 13-1044	EA	15" x 21" Tombstone Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,377.01	89.78
07 72 38 13-1045	EA	15" x 21" Tombstone Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,493.47	89.78
07 72 38 13-1046	EA	15" x 21" Tombstone Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,606.51	89.78
07 72 38 13-1047	EA	15" x 21" Tombstone Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,721.26	89.78
07 72 38 13-1048	EA	15" x 21" Tombstone Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,836.01	89.78
07 72 38 13-1049	EA	15" x 21" Tombstone Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,950.77	89.78
07 72 38 13-1050	EA	15" x 21" Tombstone Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,063.80	89.78
07 72 38 13-1051	EA	15" x 21" Tombstone Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,178.55	89.78
07 72 38 13-1052	EA	15" x 21" Tombstone Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,293.31	89.78
07 72 38 13-1053	EA	15" x 21" Tombstone Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,404.41	89.78
07 72 38 13-1054	EA	15" x 21" Tombstone Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,519.17	89.78

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-1055	EA	15" x 21" Tombstone Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,649.33	89.78
07 72 38 13-1056	EA	15" x 21" Tombstone Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,746.95	89.78
07 72 38 13-1057	EA	15" x 21" Tombstone Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,863.42	89.78
07 72 38 13-1058	EA	15" x 21" Tombstone Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,976.46	89.78
07 72 38 13-1059	EA	15" x 21" Tombstone Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,091.21	89.78
07 72 38 13-1060	EA	15" x 21" Tombstone Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,205.96	89.78
07 72 38 13-1061	EA	15" x 21" Tombstone Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,320.71	89.78
07 72 38 13-1062	EA	15" x 21" Tombstone Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,433.75	89.78
07 72 38 13-1063	EA	15" x 21" Tombstone Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,548.50	89.78
07 72 38 13-1064	EA	15" x 21" Tombstone Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,663.25	89.78
07 72 38 13-1065	EA	18" x 27" Tombstone Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,257.69	101.01
07 72 38 13-1066	EA	18" x 27" Tombstone Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,372.44	101.01
07 72 38 13-1067	EA	18" x 27" Tombstone Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,502.61	101.01
07 72 38 13-1068	EA	18" x 27" Tombstone Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,600.23	101.01
07 72 38 13-1069	EA	18" x 27" Tombstone Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,716.69	101.01
07 72 38 13-1070	EA	18" x 27" Tombstone Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,829.73	101.01
07 72 38 13-1071	EA	18" x 27" Tombstone Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,944.48	101.01
07 72 38 13-1072	EA	18" x 27" Tombstone Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,059.23	101.01
07 72 38 13-1073	EA	18" x 27" Tombstone Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,173.98	101.01
07 72 38 13-1074	EA	18" x 27" Tombstone Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,287.02	101.01
07 72 38 13-1075	EA	18" x 27" Tombstone Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,401.77	101.01
07 72 38 13-1076	EA	18" x 27" Tombstone Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,516.52	101.01
07 72 38 13-1077	EA	18" x 27" Tombstone Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,627.63	101.01
07 72 38 13-1078	EA	18" x 27" Tombstone Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,742.38	101.01
07 72 38 13-1079	EA	18" x 27" Tombstone Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,872.55	101.01
07 72 38 13-1080	EA	18" x 27" Tombstone Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,970.17	101.01
07 72 38 13-1081	EA	18" x 27" Tombstone Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,086.64	101.01
07 72 38 13-1082	EA	18" x 27" Tombstone Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,199.68	101.01
07 72 38 13-1083	EA	18" x 27" Tombstone Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,314.43	101.01
07 72 38 13-1084	EA	18" x 27" Tombstone Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,429.18	101.01
07 72 38 13-1085	EA	18" x 27" Tombstone Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,543.93	101.01
07 72 38 13-1086	EA	18" x 27" Tombstone Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,656.97	101.01
07 72 38 13-1087	EA	18" x 27" Tombstone Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,771.72	101.01
07 72 38 13-1088	EA	18" x 27" Tombstone Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,886.47	101.01
07 72 38 13-1089	EA	24" x 36" Tombstone Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,734.43	114.83
07 72 38 13-1090	EA	24" x 36" Tombstone Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,849.18	114.83
07 72 38 13-1091	EA	24" x 36" Tombstone Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,979.34	114.83
07 72 38 13-1092	EA	24" x 36" Tombstone Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,076.97	114.83
07 72 38 13-1093	EA	24" x 36" Tombstone Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,193.43	114.83
07 72 38 13-1094	EA	24" x 36" Tombstone Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,306.47	114.83
07 72 38 13-1095	EA	24" x 36" Tombstone Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,421.22	114.83
07 72 38 13-1096	EA	24" x 36" Tombstone Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,535.97	114.83
07 72 38 13-1097	EA	24" x 36" Tombstone Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,650.72	114.83
07 72 38 13-1098	EA	24" x 36" Tombstone Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,763.76	114.83
07 72 38 13-1099	EA	24" x 36" Tombstone Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,878.51	114.83
07 72 38 13-1100	EA	24" x 36" Tombstone Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,993.26	114.83
07 72 38 13-1101	EA	24" x 36" Tombstone Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,104.37	114.83
07 72 38 13-1102	EA	24" x 36" Tombstone Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,219.12	114.83
07 72 38 13-1103	EA	24" x 36" Tombstone Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,349.29	114.83
07 72 38 13-1104	EA	24" x 36" Tombstone Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,446.91	114.83
07 72 38 13-1105	EA	24" x 36" Tombstone Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,563.37	114.83
07 72 38 13-1106	EA	24" x 36" Tombstone Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,676.41	114.83
07 72 38 13-1107	EA	24" x 36" Tombstone Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,791.16	114.83
07 72 38 13-1108	EA	24" x 36" Tombstone Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,905.91	114.83
07 72 38 13-1109	EA	24" x 36" Tombstone Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,020.67	114.83
07 72 38 13-1110	EA	24" x 36" Tombstone Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,133.70	114.83
07 72 38 13-1111	EA	24" x 36" Tombstone Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,248.45	114.83
07 72 38 13-1112	EA	24" x 36" Tombstone Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,363.21	114.83
07 72 38 13-1113	EA	30" x 42" Tombstone Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	2,231.58	127.77
07 72 38 13-1114	EA	30" x 42" Tombstone Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	2,346.33	127.77
07 72 38 13-1115	EA	30" x 42" Tombstone Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	2,476.50	127.77
07 72 38 13-1116	EA	30" x 42" Tombstone Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,574.12	127.77
07 72 38 13-1117	EA	30" x 42" Tombstone Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,690.59	127.77
07 72 38 13-1118	EA	30" x 42" Tombstone Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,803.62	127.77
07 72 38 13-1119	EA	30" x 42" Tombstone Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,918.38	127.77
07 72 38 13-1120	EA	30" x 42" Tombstone Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	3,033.13	127.77
07 72 38 13-1121	EA	30" x 42" Tombstone Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	3,147.88	127.77
07 72 38 13-1122	EA	30" x 42" Tombstone Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	3,260.92	127.77
07 72 38 13-1123	EA	30" x 42" Tombstone Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	3,375.67	127.77
07 72 38 13-1124	EA	30" x 42" Tombstone Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,490.42	127.77
07 72 38 13-1125	EA	30" x 42" Tombstone Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,601.53	127.77
07 72 38 13-1126	EA	30" x 42" Tombstone Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,716.28	127.77
07 72 38 13-1127	EA	30" x 42" Tombstone Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,846.44	127.77
07 72 38 13-1128	EA	30" x 42" Tombstone Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,944.07	127.77
07 72 38 13-1129	EA	30" x 42" Tombstone Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	3,060.53	127.77
07 72 38 13-1130	EA	30" x 42" Tombstone Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	3,173.57	127.77
07 72 38 13-1131	EA	30" x 42" Tombstone Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	3,288.32	127.77
07 72 38 13-1132	EA	30" x 42" Tombstone Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,403.07	127.77
07 72 38 13-1133	EA	30" x 42" Tombstone Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,517.82	127.77
07 72 38 13-1134	EA	30" x 42" Tombstone Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,630.86	127.77
07 72 38 13-1135	EA	30" x 42" Tombstone Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,745.61	127.77

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-1136	EA	30" x 42" Tombstone Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,860.36	127.77
07 72 38 13-1137	EA	36" x 48" Tombstone Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	2,795.95	127.77
07 72 38 13-1138	EA	36" x 48" Tombstone Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	2,927.72	139.00
07 72 38 13-1139	EA	36" x 48" Tombstone Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	3,057.89	139.00
07 72 38 13-1140	EA	36" x 48" Tombstone Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	3,155.51	139.00
07 72 38 13-1141	EA	36" x 48" Tombstone Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	3,271.98	139.00
07 72 38 13-1142	EA	36" x 48" Tombstone Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	3,385.01	139.00
07 72 38 13-1143	EA	36" x 48" Tombstone Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	3,499.76	139.00
07 72 38 13-1144	EA	36" x 48" Tombstone Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	3,614.52	139.00
07 72 38 13-1145	EA	36" x 48" Tombstone Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	3,729.27	139.00
07 72 38 13-1146	EA	36" x 48" Tombstone Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	3,842.30	139.00
07 72 38 13-1147	EA	36" x 48" Tombstone Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	3,957.06	139.00
07 72 38 13-1148	EA	36" x 48" Tombstone Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	4,071.81	139.00
07 72 38 13-1149	EA	36" x 48" Tombstone Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	3,182.92	139.00
07 72 38 13-1150	EA	36" x 48" Tombstone Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	3,297.67	139.00
07 72 38 13-1151	EA	36" x 48" Tombstone Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	3,427.83	139.00
07 72 38 13-1152	EA	36" x 48" Tombstone Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	3,525.46	139.00
07 72 38 13-1153	EA	36" x 48" Tombstone Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	3,641.92	139.00
07 72 38 13-1154	EA	36" x 48" Tombstone Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	3,754.96	139.00
07 72 38 13-1155	EA	36" x 48" Tombstone Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	3,869.71	139.00
07 72 38 13-1156	EA	36" x 48" Tombstone Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,984.46	139.00
07 72 38 13-1157	EA	36" x 48" Tombstone Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	4,099.21	139.00
07 72 38 13-1158	EA	36" x 48" Tombstone Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	4,212.25	139.00
07 72 38 13-1159	EA	36" x 48" Tombstone Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	4,327.00	139.00
07 72 38 13-1160	EA	36" x 48" Tombstone Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	4,441.75	139.00

07 72 38 13-1161 Arched Top Copper Roof Dormer Vent *(07 72 38 13-0001)*

07 72 38 13-1162	EA	12" x 15" Arched Top Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	888.06	75.11
07 72 38 13-1163	EA	12" x 15" Arched Top Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	993.15	75.11
07 72 38 13-1164	EA	12" x 15" Arched Top Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,098.24	75.11
07 72 38 13-1165	EA	12" x 15" Arched Top Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,203.33	75.11
07 72 38 13-1166	EA	12" x 15" Arched Top Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,308.43	75.11
07 72 38 13-1167	EA	12" x 15" Arched Top Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,413.52	75.11
07 72 38 13-1168	EA	12" x 15" Arched Top Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,518.61	75.11
07 72 38 13-1169	EA	12" x 15" Arched Top Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,623.70	75.11
07 72 38 13-1170	EA	12" x 15" Arched Top Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,728.79	75.11
07 72 38 13-1171	EA	12" x 15" Arched Top Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,833.88	75.11
07 72 38 13-1172	EA	12" x 15" Arched Top Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	1,938.97	75.11
07 72 38 13-1173	EA	12" x 15" Arched Top Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,044.06	75.11
07 72 38 13-1174	EA	12" x 15" Arched Top Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,258.00	75.11
07 72 38 13-1175	EA	12" x 15" Arched Top Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,363.09	75.11
07 72 38 13-1176	EA	12" x 15" Arched Top Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,468.19	75.11
07 72 38 13-1177	EA	12" x 15" Arched Top Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,573.28	75.11
07 72 38 13-1178	EA	12" x 15" Arched Top Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,678.37	75.11
07 72 38 13-1179	EA	12" x 15" Arched Top Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,783.46	75.11
07 72 38 13-1180	EA	12" x 15" Arched Top Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,888.55	75.11
07 72 38 13-1181	EA	12" x 15" Arched Top Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	1,993.64	75.11
07 72 38 13-1182	EA	12" x 15" Arched Top Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,098.73	75.11
07 72 38 13-1183	EA	12" x 15" Arched Top Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,203.82	75.11
07 72 38 13-1184	EA	12" x 15" Arched Top Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,308.92	75.11
07 72 38 13-1185	EA	12" x 15" Arched Top Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,414.01	75.11
07 72 38 13-1186	EA	15" x 18.75" Arched Top Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,045.60	89.78
07 72 38 13-1187	EA	15" x 18.75" Arched Top Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,150.69	89.78
07 72 38 13-1188	EA	15" x 18.75" Arched Top Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,255.79	89.78
07 72 38 13-1189	EA	15" x 18.75" Arched Top Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,360.88	89.78
07 72 38 13-1190	EA	15" x 18.75" Arched Top Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,465.97	89.78
07 72 38 13-1191	EA	15" x 18.75" Arched Top Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,571.06	89.78
07 72 38 13-1192	EA	15" x 18.75" Arched Top Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,676.15	89.78
07 72 38 13-1193	EA	15" x 18.75" Arched Top Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,781.24	89.78
07 72 38 13-1194	EA	15" x 18.75" Arched Top Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,886.33	89.78
07 72 38 13-1195	EA	15" x 18.75" Arched Top Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,991.42	89.78
07 72 38 13-1196	EA	15" x 18.75" Arched Top Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,096.52	89.78
07 72 38 13-1197	EA	15" x 18.75" Arched Top Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,201.61	89.78
07 72 38 13-1198	EA	15" x 18.75" Arched Top Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,415.55	89.78
07 72 38 13-1199	EA	15" x 18.75" Arched Top Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,520.64	89.78
07 72 38 13-1200	EA	15" x 18.75" Arched Top Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,625.73	89.78
07 72 38 13-1201	EA	15" x 18.75" Arched Top Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,730.82	89.78
07 72 38 13-1202	EA	15" x 18.75" Arched Top Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,835.91	89.78
07 72 38 13-1203	EA	15" x 18.75" Arched Top Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,941.00	89.78
07 72 38 13-1204	EA	15" x 18.75" Arched Top Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,046.09	89.78
07 72 38 13-1205	EA	15" x 18.75" Arched Top Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,151.19	89.78
07 72 38 13-1206	EA	15" x 18.75" Arched Top Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,256.28	89.78
07 72 38 13-1207	EA	15" x 18.75" Arched Top Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,361.37	89.78
07 72 38 13-1208	EA	15" x 18.75" Arched Top Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,466.46	89.78
07 72 38 13-1209	EA	15" x 18.75" Arched Top Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,571.55	89.78
07 72 38 13-1210	EA	18" x 22.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,228.81	101.01
07 72 38 13-1211	EA	18" x 22.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,333.91	101.01
07 72 38 13-1212	EA	18" x 22.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,439.00	101.01
07 72 38 13-1213	EA	18" x 22.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,544.09	101.01
07 72 38 13-1214	EA	18" x 22.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,649.18	101.01

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-1215	EA	18" x 22.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,754.27	101.01
07 72 38 13-1216	EA	18" x 22.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,859.36	101.01
07 72 38 13-1217	EA	18" x 22.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,964.45	101.01
07 72 38 13-1218	EA	18" x 22.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,069.54	101.01
07 72 38 13-1219	EA	18" x 22.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,174.64	101.01
07 72 38 13-1220	EA	18" x 22.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,279.73	101.01
07 72 38 13-1221	EA	18" x 22.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,384.82	101.01
07 72 38 13-1222	EA	18" x 22.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,598.76	101.01
07 72 38 13-1223	EA	18" x 22.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,703.85	101.01
07 72 38 13-1224	EA	18" x 22.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,808.94	101.01
07 72 38 13-1225	EA	18" x 22.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,914.03	101.01
07 72 38 13-1226	EA	18" x 22.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,019.12	101.01
07 72 38 13-1227	EA	18" x 22.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,124.21	101.01
07 72 38 13-1228	EA	18" x 22.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,229.30	101.01
07 72 38 13-1229	EA	18" x 22.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,334.40	101.01
07 72 38 13-1230	EA	18" x 22.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,439.49	101.01
07 72 38 13-1231	EA	18" x 22.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,544.58	101.01
07 72 38 13-1232	EA	18" x 22.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,649.67	101.01
07 72 38 13-1233	EA	18" x 22.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,754.76	101.01
07 72 38 13-1234	EA	24" x 30" Arched Top Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,644.07	114.83
07 72 38 13-1235	EA	24" x 30" Arched Top Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,749.16	114.83
07 72 38 13-1236	EA	24" x 30" Arched Top Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,854.25	114.83
07 72 38 13-1237	EA	24" x 30" Arched Top Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,959.34	114.83
07 72 38 13-1238	EA	24" x 30" Arched Top Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,064.43	114.83
07 72 38 13-1239	EA	24" x 30" Arched Top Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,169.52	114.83
07 72 38 13-1240	EA	24" x 30" Arched Top Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,274.61	114.83
07 72 38 13-1241	EA	24" x 30" Arched Top Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,379.70	114.83
07 72 38 13-1242	EA	24" x 30" Arched Top Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,484.80	114.83
07 72 38 13-1243	EA	24" x 30" Arched Top Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,589.89	114.83
07 72 38 13-1244	EA	24" x 30" Arched Top Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,694.98	114.83
07 72 38 13-1245	EA	24" x 30" Arched Top Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,800.07	114.83
07 72 38 13-1246	EA	24" x 30" Arched Top Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,014.01	114.83
07 72 38 13-1247	EA	24" x 30" Arched Top Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,119.10	114.83
07 72 38 13-1248	EA	24" x 30" Arched Top Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,224.19	114.83
07 72 38 13-1249	EA	24" x 30" Arched Top Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,329.28	114.83
07 72 38 13-1250	EA	24" x 30" Arched Top Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,434.37	114.83
07 72 38 13-1251	EA	24" x 30" Arched Top Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,539.47	114.83
07 72 38 13-1252	EA	24" x 30" Arched Top Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,644.56	114.83
07 72 38 13-1253	EA	24" x 30" Arched Top Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,749.65	114.83
07 72 38 13-1254	EA	24" x 30" Arched Top Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,854.74	114.83
07 72 38 13-1255	EA	24" x 30" Arched Top Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,959.83	114.83
07 72 38 13-1256	EA	24" x 30" Arched Top Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,064.92	114.83
07 72 38 13-1257	EA	24" x 30" Arched Top Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,170.01	114.83
07 72 38 13-1258	EA	30" x 37.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	2,204.78	127.77
07 72 38 13-1259	EA	30" x 37.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	2,309.87	127.77
07 72 38 13-1260	EA	30" x 37.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	2,414.96	127.77
07 72 38 13-1261	EA	30" x 37.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,520.05	127.77
07 72 38 13-1262	EA	30" x 37.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,625.14	127.77
07 72 38 13-1263	EA	30" x 37.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,730.24	127.77
07 72 38 13-1264	EA	30" x 37.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,835.33	127.77
07 72 38 13-1265	EA	30" x 37.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,940.42	127.77
07 72 38 13-1266	EA	30" x 37.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	3,045.51	127.77
07 72 38 13-1267	EA	30" x 37.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	3,150.60	127.77
07 72 38 13-1268	EA	30" x 37.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	3,255.69	127.77
07 72 38 13-1269	EA	30" x 37.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,360.78	127.77
07 72 38 13-1270	EA	30" x 37.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,574.72	127.77
07 72 38 13-1271	EA	30" x 37.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,679.81	127.77
07 72 38 13-1272	EA	30" x 37.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,784.91	127.77
07 72 38 13-1273	EA	30" x 37.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,890.00	127.77
07 72 38 13-1274	EA	30" x 37.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,995.09	127.77
07 72 38 13-1275	EA	30" x 37.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	3,100.18	127.77
07 72 38 13-1276	EA	30" x 37.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	3,205.27	127.77
07 72 38 13-1277	EA	30" x 37.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,310.36	127.77
07 72 38 13-1278	EA	30" x 37.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,415.45	127.77
07 72 38 13-1279	EA	30" x 37.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,520.54	127.77
07 72 38 13-1280	EA	30" x 37.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,625.64	127.77
07 72 38 13-1281	EA	30" x 37.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,730.73	127.77
07 72 38 13-1282	EA	36" x 45" Arched Top Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	2,823.25	127.77
07 72 38 13-1283	EA	36" x 45" Arched Top Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	2,945.36	139.00
07 72 38 13-1284	EA	36" x 45" Arched Top Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	3,050.45	139.00
07 72 38 13-1285	EA	36" x 45" Arched Top Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	3,155.55	139.00
07 72 38 13-1286	EA	36" x 45" Arched Top Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	3,260.64	139.00
07 72 38 13-1287	EA	36" x 45" Arched Top Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	3,365.73	139.00
07 72 38 13-1288	EA	36" x 45" Arched Top Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	3,470.82	139.00
07 72 38 13-1289	EA	36" x 45" Arched Top Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	3,575.91	139.00
07 72 38 13-1290	EA	36" x 45" Arched Top Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	3,681.00	139.00
07 72 38 13-1291	EA	36" x 45" Arched Top Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	3,786.09	139.00
07 72 38 13-1292	EA	36" x 45" Arched Top Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	3,891.19	139.00
07 72 38 13-1293	EA	36" x 45" Arched Top Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,996.28	139.00
07 72 38 13-1294	EA	36" x 45" Arched Top Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	3,210.22	139.00
07 72 38 13-1295	EA	36" x 45" Arched Top Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	3,315.31	139.00

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-1296	EA	36" x 45" Arched Top Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	3,420.40	139.00
07 72 38 13-1297	EA	36" x 45" Arched Top Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	3,525.49	139.00
07 72 38 13-1298	EA	36" x 45" Arched Top Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	3,630.58	139.00
07 72 38 13-1299	EA	36" x 45" Arched Top Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	3,735.67	139.00
07 72 38 13-1300	EA	36" x 45" Arched Top Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	3,840.76	139.00
07 72 38 13-1301	EA	36" x 45" Arched Top Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,945.85	139.00
07 72 38 13-1302	EA	36" x 45" Arched Top Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	4,050.95	139.00
07 72 38 13-1303	EA	36" x 45" Arched Top Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	4,156.04	139.00
07 72 38 13-1304	EA	36" x 45" Arched Top Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	4,261.13	139.00
07 72 38 13-1305	EA	36" x 45" Arched Top Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	4,366.22	139.00

07 72 38 13-1306 Hipped Roof Copper Roof Dormer Vent *(07 72 38 13-0001)*

07 72 38 13-1307	EA	12" x 18" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	892.84	75.11
07 72 38 13-1308	EA	12" x 18" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	982.36	75.11
07 72 38 13-1309	EA	12" x 18" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,071.88	75.11
07 72 38 13-1310	EA	12" x 18" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,161.41	75.11
07 72 38 13-1311	EA	12" x 18" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,250.93	75.11
07 72 38 13-1312	EA	12" x 18" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,340.45	75.11
07 72 38 13-1313	EA	12" x 18" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,429.98	75.11
07 72 38 13-1314	EA	12" x 18" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,519.50	75.11
07 72 38 13-1315	EA	12" x 18" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,609.02	75.11
07 72 38 13-1316	EA	12" x 18" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,698.54	75.11
07 72 38 13-1317	EA	12" x 18" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	1,788.07	75.11
07 72 38 13-1318	EA	12" x 18" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	1,877.59	75.11
07 72 38 13-1319	EA	12" x 18" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,262.78	75.11
07 72 38 13-1320	EA	12" x 18" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,352.30	75.11
07 72 38 13-1321	EA	12" x 18" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,441.83	75.11
07 72 38 13-1322	EA	12" x 18" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,531.35	75.11
07 72 38 13-1323	EA	12" x 18" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,620.87	75.11
07 72 38 13-1324	EA	12" x 18" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,710.40	75.11
07 72 38 13-1325	EA	12" x 18" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,799.92	75.11
07 72 38 13-1326	EA	12" x 18" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	1,889.44	75.11
07 72 38 13-1327	EA	12" x 18" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	1,978.96	75.11
07 72 38 13-1328	EA	12" x 18" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,068.49	75.11
07 72 38 13-1329	EA	12" x 18" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,158.01	75.11
07 72 38 13-1330	EA	12" x 18" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,247.53	75.11
07 72 38 13-1331	EA	15" x 21" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	988.48	89.78
07 72 38 13-1332	EA	15" x 21" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,078.01	89.78
07 72 38 13-1333	EA	15" x 21" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,167.53	89.78
07 72 38 13-1334	EA	15" x 21" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,257.05	89.78
07 72 38 13-1335	EA	15" x 21" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,346.58	89.78
07 72 38 13-1336	EA	15" x 21" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,436.10	89.78
07 72 38 13-1337	EA	15" x 21" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,525.62	89.78
07 72 38 13-1338	EA	15" x 21" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,615.14	89.78
07 72 38 13-1339	EA	15" x 21" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,704.67	89.78
07 72 38 13-1340	EA	15" x 21" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,794.19	89.78
07 72 38 13-1341	EA	15" x 21" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	1,883.71	89.78
07 72 38 13-1342	EA	15" x 21" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	1,973.24	89.78
07 72 38 13-1343	EA	15" x 21" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,358.43	89.78
07 72 38 13-1344	EA	15" x 21" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,447.95	89.78
07 72 38 13-1345	EA	15" x 21" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,537.47	89.78
07 72 38 13-1346	EA	15" x 21" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,627.00	89.78
07 72 38 13-1347	EA	15" x 21" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,716.52	89.78
07 72 38 13-1348	EA	15" x 21" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,806.04	89.78
07 72 38 13-1349	EA	15" x 21" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,895.57	89.78
07 72 38 13-1350	EA	15" x 21" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	1,985.09	89.78
07 72 38 13-1351	EA	15" x 21" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,074.61	89.78
07 72 38 13-1352	EA	15" x 21" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,164.13	89.78
07 72 38 13-1353	EA	15" x 21" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,253.66	89.78
07 72 38 13-1354	EA	15" x 21" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,343.18	89.78
07 72 38 13-1355	EA	18" x 27" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,198.79	101.01
07 72 38 13-1356	EA	18" x 27" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,288.31	101.01
07 72 38 13-1357	EA	18" x 27" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,377.84	101.01
07 72 38 13-1358	EA	18" x 27" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,467.36	101.01
07 72 38 13-1359	EA	18" x 27" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,556.88	101.01
07 72 38 13-1360	EA	18" x 27" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,646.40	101.01
07 72 38 13-1361	EA	18" x 27" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,735.93	101.01
07 72 38 13-1362	EA	18" x 27" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,825.45	101.01
07 72 38 13-1363	EA	18" x 27" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,914.97	101.01
07 72 38 13-1364	EA	18" x 27" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,004.50	101.01
07 72 38 13-1365	EA	18" x 27" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,094.02	101.01
07 72 38 13-1366	EA	18" x 27" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,183.54	101.01
07 72 38 13-1367	EA	18" x 27" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,568.73	101.01
07 72 38 13-1368	EA	18" x 27" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,658.26	101.01
07 72 38 13-1369	EA	18" x 27" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,747.78	101.01
07 72 38 13-1370	EA	18" x 27" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,837.30	101.01
07 72 38 13-1371	EA	18" x 27" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,926.82	101.01
07 72 38 13-1372	EA	18" x 27" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,016.35	101.01
07 72 38 13-1373	EA	18" x 27" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,105.87	101.01
07 72 38 13-1374	EA	18" x 27" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,195.39	101.01

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-1375	EA	18" x 27" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,284.92	101.01
07 72 38 13-1376	EA	18" x 27" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,374.44	101.01
07 72 38 13-1377	EA	18" x 27" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,463.96	101.01
07 72 38 13-1378	EA	18" x 27" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,553.48	101.01
07 72 38 13-1379	EA	24" x 36" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,646.99	114.83
07 72 38 13-1380	EA	24" x 36" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,736.52	114.83
07 72 38 13-1381	EA	24" x 36" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,826.04	114.83
07 72 38 13-1382	EA	24" x 36" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,915.56	114.83
07 72 38 13-1383	EA	24" x 36" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,005.09	114.83
07 72 38 13-1384	EA	24" x 36" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,094.61	114.83
07 72 38 13-1385	EA	24" x 36" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,184.13	114.83
07 72 38 13-1386	EA	24" x 36" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,273.65	114.83
07 72 38 13-1387	EA	24" x 36" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,363.18	114.83
07 72 38 13-1388	EA	24" x 36" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,452.70	114.83
07 72 38 13-1389	EA	24" x 36" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,542.22	114.83
07 72 38 13-1390	EA	24" x 36" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,631.75	114.83
07 72 38 13-1391	EA	24" x 36" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,016.94	114.83
07 72 38 13-1392	EA	24" x 36" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,106.46	114.83
07 72 38 13-1393	EA	24" x 36" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,195.98	114.83
07 72 38 13-1394	EA	24" x 36" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,285.51	114.83
07 72 38 13-1395	EA	24" x 36" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,375.03	114.83
07 72 38 13-1396	EA	24" x 36" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,464.55	114.83
07 72 38 13-1397	EA	24" x 36" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,554.07	114.83
07 72 38 13-1398	EA	24" x 36" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,643.60	114.83
07 72 38 13-1399	EA	24" x 36" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,733.12	114.83
07 72 38 13-1400	EA	24" x 36" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,822.64	114.83
07 72 38 13-1401	EA	24" x 36" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,912.17	114.83
07 72 38 13-1402	EA	24" x 36" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,001.69	114.83
07 72 38 13-1403	EA	30" x 42" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	2,114.25	127.77
07 72 38 13-1404	EA	30" x 42" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	2,203.77	127.77
07 72 38 13-1405	EA	30" x 42" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	2,293.29	127.77
07 72 38 13-1406	EA	30" x 42" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,382.81	127.77
07 72 38 13-1407	EA	30" x 42" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,472.34	127.77
07 72 38 13-1408	EA	30" x 42" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,561.86	127.77
07 72 38 13-1409	EA	30" x 42" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,651.38	127.77
07 72 38 13-1410	EA	30" x 42" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,740.91	127.77
07 72 38 13-1411	EA	30" x 42" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,830.43	127.77
07 72 38 13-1412	EA	30" x 42" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,919.95	127.77
07 72 38 13-1413	EA	30" x 42" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	3,009.47	127.77
07 72 38 13-1414	EA	30" x 42" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,099.00	127.77
07 72 38 13-1415	EA	30" x 42" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,484.19	127.77
07 72 38 13-1416	EA	30" x 42" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,573.71	127.77
07 72 38 13-1417	EA	30" x 42" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,663.23	127.77
07 72 38 13-1418	EA	30" x 42" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,752.76	127.77
07 72 38 13-1419	EA	30" x 42" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,842.28	127.77
07 72 38 13-1420	EA	30" x 42" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,931.80	127.77
07 72 38 13-1421	EA	30" x 42" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	3,021.33	127.77
07 72 38 13-1422	EA	30" x 42" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,110.85	127.77
07 72 38 13-1423	EA	30" x 42" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,200.37	127.77
07 72 38 13-1424	EA	30" x 42" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,289.89	127.77
07 72 38 13-1425	EA	30" x 42" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,379.42	127.77
07 72 38 13-1426	EA	30" x 42" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,468.94	127.77
07 72 38 13-1427	EA	36" x 48" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	2,643.26	127.77
07 72 38 13-1428	EA	36" x 48" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	2,749.81	139.00
07 72 38 13-1429	EA	36" x 48" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	2,839.33	139.00
07 72 38 13-1430	EA	36" x 48" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,928.85	139.00
07 72 38 13-1431	EA	36" x 48" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	3,018.38	139.00
07 72 38 13-1432	EA	36" x 48" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	3,107.90	139.00
07 72 38 13-1433	EA	36" x 48" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	3,197.42	139.00
07 72 38 13-1434	EA	36" x 48" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	3,286.94	139.00
07 72 38 13-1435	EA	36" x 48" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	3,376.47	139.00
07 72 38 13-1436	EA	36" x 48" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	3,465.99	139.00
07 72 38 13-1437	EA	36" x 48" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	3,555.51	139.00
07 72 38 13-1438	EA	36" x 48" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,645.04	139.00
07 72 38 13-1439	EA	36" x 48" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	3,030.23	139.00
07 72 38 13-1440	EA	36" x 48" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	3,119.75	139.00
07 72 38 13-1441	EA	36" x 48" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	3,209.27	139.00
07 72 38 13-1442	EA	36" x 48" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	3,298.80	139.00
07 72 38 13-1443	EA	36" x 48" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	3,388.32	139.00
07 72 38 13-1444	EA	36" x 48" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	3,477.84	139.00
07 72 38 13-1445	EA	36" x 48" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	3,567.37	139.00
07 72 38 13-1446	EA	36" x 48" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,656.89	139.00
07 72 38 13-1447	EA	36" x 48" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,746.41	139.00
07 72 38 13-1448	EA	36" x 48" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,835.93	139.00
07 72 38 13-1449	EA	36" x 48" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,925.46	139.00
07 72 38 13-1450	EA	36" x 48" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	4,014.98	139.00
07 72 38 13-1451		Gabled Roof Copper Roof Dormer Vent *(07 72 38 13-0001)*		
07 72 38 13-1452	EA	12" x 18" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	829.57	75.11
07 72 38 13-1453	EA	12" x 18" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	919.09	75.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-1454	EA	12" x 18" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,008.62	75.11
07 72 38 13-1455	EA	12" x 18" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,098.14	75.11
07 72 38 13-1456	EA	12" x 18" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,187.66	75.11
07 72 38 13-1457	EA	12" x 18" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,277.19	75.11
07 72 38 13-1458	EA	12" x 18" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,366.71	75.11
07 72 38 13-1459	EA	12" x 18" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,456.23	75.11
07 72 38 13-1460	EA	12" x 18" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,545.75	75.11
07 72 38 13-1461	EA	12" x 18" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,635.28	75.11
07 72 38 13-1462	EA	12" x 18" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	1,724.80	75.11
07 72 38 13-1463	EA	12" x 18" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	1,814.32	75.11
07 72 38 13-1464	EA	12" x 18" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,199.51	75.11
07 72 38 13-1465	EA	12" x 18" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,289.04	75.11
07 72 38 13-1466	EA	12" x 18" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,378.56	75.11
07 72 38 13-1467	EA	12" x 18" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,468.08	75.11
07 72 38 13-1468	EA	12" x 18" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,557.61	75.11
07 72 38 13-1469	EA	12" x 18" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,647.13	75.11
07 72 38 13-1470	EA	12" x 18" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,736.65	75.11
07 72 38 13-1471	EA	12" x 18" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	1,826.17	75.11
07 72 38 13-1472	EA	12" x 18" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	1,915.70	75.11
07 72 38 13-1473	EA	12" x 18" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,005.22	75.11
07 72 38 13-1474	EA	12" x 18" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,094.74	75.11
07 72 38 13-1475	EA	12" x 18" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,184.27	75.11
07 72 38 13-1476	EA	15" x 21" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	958.63	89.78
07 72 38 13-1477	EA	15" x 21" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,048.16	89.78
07 72 38 13-1478	EA	15" x 21" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,137.68	89.78
07 72 38 13-1479	EA	15" x 21" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,227.20	89.78
07 72 38 13-1480	EA	15" x 21" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,316.72	89.78
07 72 38 13-1481	EA	15" x 21" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,406.25	89.78
07 72 38 13-1482	EA	15" x 21" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,495.77	89.78
07 72 38 13-1483	EA	15" x 21" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,585.29	89.78
07 72 38 13-1484	EA	15" x 21" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,674.82	89.78
07 72 38 13-1485	EA	15" x 21" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,764.34	89.78
07 72 38 13-1486	EA	15" x 21" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	1,853.86	89.78
07 72 38 13-1487	EA	15" x 21" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	1,943.38	89.78
07 72 38 13-1488	EA	15" x 21" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,328.58	89.78
07 72 38 13-1489	EA	15" x 21" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,418.10	89.78
07 72 38 13-1490	EA	15" x 21" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,507.62	89.78
07 72 38 13-1491	EA	15" x 21" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,597.14	89.78
07 72 38 13-1492	EA	15" x 21" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,686.67	89.78
07 72 38 13-1493	EA	15" x 21" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,776.19	89.78
07 72 38 13-1494	EA	15" x 21" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,865.71	89.78
07 72 38 13-1495	EA	15" x 21" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	1,955.24	89.78
07 72 38 13-1496	EA	15" x 21" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,044.76	89.78
07 72 38 13-1497	EA	15" x 21" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,134.28	89.78
07 72 38 13-1498	EA	15" x 21" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,223.80	89.78
07 72 38 13-1499	EA	15" x 21" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,313.33	89.78
07 72 38 13-1500	EA	18" x 27" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,160.15	101.01
07 72 38 13-1501	EA	18" x 27" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,249.67	101.01
07 72 38 13-1502	EA	18" x 27" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,339.20	101.01
07 72 38 13-1503	EA	18" x 27" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,428.72	101.01
07 72 38 13-1504	EA	18" x 27" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,518.24	101.01
07 72 38 13-1505	EA	18" x 27" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,607.77	101.01
07 72 38 13-1506	EA	18" x 27" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,697.29	101.01
07 72 38 13-1507	EA	18" x 27" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,786.81	101.01
07 72 38 13-1508	EA	18" x 27" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,876.33	101.01
07 72 38 13-1509	EA	18" x 27" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,965.86	101.01
07 72 38 13-1510	EA	18" x 27" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,055.38	101.01
07 72 38 13-1511	EA	18" x 27" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,144.90	101.01
07 72 38 13-1512	EA	18" x 27" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,530.10	101.01
07 72 38 13-1513	EA	18" x 27" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,619.62	101.01
07 72 38 13-1514	EA	18" x 27" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,709.14	101.01
07 72 38 13-1515	EA	18" x 27" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,798.66	101.01
07 72 38 13-1516	EA	18" x 27" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,888.19	101.01
07 72 38 13-1517	EA	18" x 27" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,977.71	101.01
07 72 38 13-1518	EA	18" x 27" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,067.23	101.01
07 72 38 13-1519	EA	18" x 27" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,156.75	101.01
07 72 38 13-1520	EA	18" x 27" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,246.28	101.01
07 72 38 13-1521	EA	18" x 27" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,335.80	101.01
07 72 38 13-1522	EA	18" x 27" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,425.32	101.01
07 72 38 13-1523	EA	18" x 27" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,514.85	101.01
07 72 38 13-1524	EA	24" x 36" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,588.93	114.83
07 72 38 13-1525	EA	24" x 36" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,678.46	114.83
07 72 38 13-1526	EA	24" x 36" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,767.98	114.83
07 72 38 13-1527	EA	24" x 36" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,857.50	114.83
07 72 38 13-1528	EA	24" x 36" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,947.03	114.83
07 72 38 13-1529	EA	24" x 36" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,036.55	114.83
07 72 38 13-1530	EA	24" x 36" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,126.07	114.83
07 72 38 13-1531	EA	24" x 36" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,215.59	114.83
07 72 38 13-1532	EA	24" x 36" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,305.12	114.83
07 72 38 13-1533	EA	24" x 36" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,394.64	114.83
07 72 38 13-1534	EA	24" x 36" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,484.16	114.83

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-1535	EA	24" x 36" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,573.69	114.83
07 72 38 13-1536	EA	24" x 36" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,958.88	114.83
07 72 38 13-1537	EA	24" x 36" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,048.40	114.83
07 72 38 13-1538	EA	24" x 36" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,137.92	114.83
07 72 38 13-1539	EA	24" x 36" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,227.45	114.83
07 72 38 13-1540	EA	24" x 36" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,316.97	114.83
07 72 38 13-1541	EA	24" x 36" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,406.49	114.83
07 72 38 13-1542	EA	24" x 36" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,496.01	114.83
07 72 38 13-1543	EA	24" x 36" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,585.54	114.83
07 72 38 13-1544	EA	24" x 36" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,675.06	114.83
07 72 38 13-1545	EA	24" x 36" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,764.58	114.83
07 72 38 13-1546	EA	24" x 36" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,854.11	114.83
07 72 38 13-1547	EA	24" x 36" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,943.63	114.83
07 72 38 13-1548	EA	30" x 42" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	2,035.84	127.77
07 72 38 13-1549	EA	30" x 42" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	2,125.36	127.77
07 72 38 13-1550	EA	30" x 42" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	2,214.88	127.77
07 72 38 13-1551	EA	30" x 42" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,304.41	127.77
07 72 38 13-1552	EA	30" x 42" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,393.93	127.77
07 72 38 13-1553	EA	30" x 42" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,483.45	127.77
07 72 38 13-1554	EA	30" x 42" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,572.98	127.77
07 72 38 13-1555	EA	30" x 42" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,662.50	127.77
07 72 38 13-1556	EA	30" x 42" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,752.02	127.77
07 72 38 13-1557	EA	30" x 42" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,841.54	127.77
07 72 38 13-1558	EA	30" x 42" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,931.07	127.77
07 72 38 13-1559	EA	30" x 42" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,020.59	127.77
07 72 38 13-1560	EA	30" x 42" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,405.78	127.77
07 72 38 13-1561	EA	30" x 42" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,495.30	127.77
07 72 38 13-1562	EA	30" x 42" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,584.83	127.77
07 72 38 13-1563	EA	30" x 42" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,674.35	127.77
07 72 38 13-1564	EA	30" x 42" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,763.87	127.77
07 72 38 13-1565	EA	30" x 42" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,853.40	127.77
07 72 38 13-1566	EA	30" x 42" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,942.92	127.77
07 72 38 13-1567	EA	30" x 42" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,032.44	127.77
07 72 38 13-1568	EA	30" x 42" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,121.96	127.77
07 72 38 13-1569	EA	30" x 42" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,211.49	127.77
07 72 38 13-1570	EA	30" x 42" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,301.01	127.77
07 72 38 13-1571	EA	30" x 42" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,390.53	127.77
07 72 38 13-1572	EA	36" x 48" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	2,540.81	127.77
07 72 38 13-1573	EA	36" x 48" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	2,647.35	139.00
07 72 38 13-1574	EA	36" x 48" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	2,736.88	139.00
07 72 38 13-1575	EA	36" x 48" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,826.40	139.00
07 72 38 13-1576	EA	36" x 48" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,915.92	139.00
07 72 38 13-1577	EA	36" x 48" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	3,005.45	139.00
07 72 38 13-1578	EA	36" x 48" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	3,094.97	139.00
07 72 38 13-1579	EA	36" x 48" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	3,184.49	139.00
07 72 38 13-1580	EA	36" x 48" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	3,274.01	139.00
07 72 38 13-1581	EA	36" x 48" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	3,363.54	139.00
07 72 38 13-1582	EA	36" x 48" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	3,453.06	139.00
07 72 38 13-1583	EA	36" x 48" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,542.58	139.00
07 72 38 13-1584	EA	36" x 48" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,927.77	139.00
07 72 38 13-1585	EA	36" x 48" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	3,017.30	139.00
07 72 38 13-1586	EA	36" x 48" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	3,106.82	139.00
07 72 38 13-1587	EA	36" x 48" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	3,196.34	139.00
07 72 38 13-1588	EA	36" x 48" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	3,285.87	139.00
07 72 38 13-1589	EA	36" x 48" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	3,375.39	139.00
07 72 38 13-1590	EA	36" x 48" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	3,464.91	139.00
07 72 38 13-1591	EA	36" x 48" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,554.43	139.00
07 72 38 13-1592	EA	36" x 48" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,643.96	139.00
07 72 38 13-1593	EA	36" x 48" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,733.48	139.00
07 72 38 13-1594	EA	36" x 48" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,823.00	139.00
07 72 38 13-1595	EA	36" x 48" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,912.53	139.00
07 72 38 13-1596		Pedimented Copper Roof Dormer Vent *(07 72 38 13-0001)*		
07 72 38 13-1597	EA	12" x 18" Pedimented Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,062.84	75.11
07 72 38 13-1598	EA	12" x 18" Pedimented Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,152.36	75.11
07 72 38 13-1599	EA	12" x 18" Pedimented Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,241.89	75.11
07 72 38 13-1600	EA	12" x 18" Pedimented Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,331.41	75.11
07 72 38 13-1601	EA	12" x 18" Pedimented Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,420.93	75.11
07 72 38 13-1602	EA	12" x 18" Pedimented Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,510.46	75.11
07 72 38 13-1603	EA	12" x 18" Pedimented Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,599.98	75.11
07 72 38 13-1604	EA	12" x 18" Pedimented Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,689.50	75.11
07 72 38 13-1605	EA	12" x 18" Pedimented Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,779.02	75.11
07 72 38 13-1606	EA	12" x 18" Pedimented Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,868.55	75.11
07 72 38 13-1607	EA	12" x 18" Pedimented Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	1,958.07	75.11
07 72 38 13-1608	EA	12" x 18" Pedimented Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,047.59	75.11
07 72 38 13-1609	EA	12" x 18" Pedimented Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,432.78	75.11
07 72 38 13-1610	EA	12" x 18" Pedimented Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,522.31	75.11
07 72 38 13-1611	EA	12" x 18" Pedimented Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,611.83	75.11
07 72 38 13-1612	EA	12" x 18" Pedimented Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,701.35	75.11
07 72 38 13-1613	EA	12" x 18" Pedimented Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,790.88	75.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-1614	EA	12" x 18" Pedimented Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,880.40	75.11
07 72 38 13-1615	EA	12" x 18" Pedimented Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,969.92	75.11
07 72 38 13-1616	EA	12" x 18" Pedimented Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,059.44	75.11
07 72 38 13-1617	EA	12" x 18" Pedimented Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,148.97	75.11
07 72 38 13-1618	EA	12" x 18" Pedimented Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,238.49	75.11
07 72 38 13-1619	EA	12" x 18" Pedimented Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,328.01	75.11
07 72 38 13-1620	EA	12" x 18" Pedimented Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,417.54	75.11
07 72 38 13-1621	EA	15" x 21" Pedimented Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,271.59	89.78
07 72 38 13-1622	EA	15" x 21" Pedimented Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,361.12	89.78
07 72 38 13-1623	EA	15" x 21" Pedimented Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,450.64	89.78
07 72 38 13-1624	EA	15" x 21" Pedimented Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,540.16	89.78
07 72 38 13-1625	EA	15" x 21" Pedimented Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,629.69	89.78
07 72 38 13-1626	EA	15" x 21" Pedimented Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,719.21	89.78
07 72 38 13-1627	EA	15" x 21" Pedimented Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,808.73	89.78
07 72 38 13-1628	EA	15" x 21" Pedimented Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,898.25	89.78
07 72 38 13-1629	EA	15" x 21" Pedimented Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,987.78	89.78
07 72 38 13-1630	EA	15" x 21" Pedimented Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,077.30	89.78
07 72 38 13-1631	EA	15" x 21" Pedimented Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,166.82	89.78
07 72 38 13-1632	EA	15" x 21" Pedimented Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,256.35	89.78
07 72 38 13-1633	EA	15" x 21" Pedimented Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,641.54	89.78
07 72 38 13-1634	EA	15" x 21" Pedimented Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,731.06	89.78
07 72 38 13-1635	EA	15" x 21" Pedimented Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,820.58	89.78
07 72 38 13-1636	EA	15" x 21" Pedimented Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,910.11	89.78
07 72 38 13-1637	EA	15" x 21" Pedimented Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,999.63	89.78
07 72 38 13-1638	EA	15" x 21" Pedimented Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,089.15	89.78
07 72 38 13-1639	EA	15" x 21" Pedimented Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,178.67	89.78
07 72 38 13-1640	EA	15" x 21" Pedimented Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,268.20	89.78
07 72 38 13-1641	EA	15" x 21" Pedimented Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,357.72	89.78
07 72 38 13-1642	EA	15" x 21" Pedimented Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,447.24	89.78
07 72 38 13-1643	EA	15" x 21" Pedimented Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,536.77	89.78
07 72 38 13-1644	EA	15" x 21" Pedimented Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,626.29	89.78
07 72 38 13-1645	EA	18" x 27" Pedimented Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,610.76	101.01
07 72 38 13-1646	EA	18" x 27" Pedimented Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,700.29	101.01
07 72 38 13-1647	EA	18" x 27" Pedimented Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,789.81	101.01
07 72 38 13-1648	EA	18" x 27" Pedimented Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,879.33	101.01
07 72 38 13-1649	EA	18" x 27" Pedimented Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,968.85	101.01
07 72 38 13-1650	EA	18" x 27" Pedimented Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,058.38	101.01
07 72 38 13-1651	EA	18" x 27" Pedimented Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,147.90	101.01
07 72 38 13-1652	EA	18" x 27" Pedimented Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,237.42	101.01
07 72 38 13-1653	EA	18" x 27" Pedimented Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,326.95	101.01
07 72 38 13-1654	EA	18" x 27" Pedimented Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,416.47	101.01
07 72 38 13-1655	EA	18" x 27" Pedimented Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,505.99	101.01
07 72 38 13-1656	EA	18" x 27" Pedimented Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,595.51	101.01
07 72 38 13-1657	EA	18" x 27" Pedimented Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,980.71	101.01
07 72 38 13-1658	EA	18" x 27" Pedimented Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,070.23	101.01
07 72 38 13-1659	EA	18" x 27" Pedimented Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,159.75	101.01
07 72 38 13-1660	EA	18" x 27" Pedimented Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,249.27	101.01
07 72 38 13-1661	EA	18" x 27" Pedimented Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,338.80	101.01
07 72 38 13-1662	EA	18" x 27" Pedimented Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,428.32	101.01
07 72 38 13-1663	EA	18" x 27" Pedimented Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,517.84	101.01
07 72 38 13-1664	EA	18" x 27" Pedimented Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,607.37	101.01
07 72 38 13-1665	EA	18" x 27" Pedimented Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,696.89	101.01
07 72 38 13-1666	EA	18" x 27" Pedimented Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,786.41	101.01
07 72 38 13-1667	EA	18" x 27" Pedimented Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,875.93	101.01
07 72 38 13-1668	EA	18" x 27" Pedimented Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,965.46	101.01
07 72 38 13-1669	EA	24" x 36" Pedimented Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	2,343.82	114.83
07 72 38 13-1670	EA	24" x 36" Pedimented Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	2,433.35	114.83
07 72 38 13-1671	EA	24" x 36" Pedimented Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	2,522.87	114.83
07 72 38 13-1672	EA	24" x 36" Pedimented Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,612.39	114.83
07 72 38 13-1673	EA	24" x 36" Pedimented Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,701.92	114.83
07 72 38 13-1674	EA	24" x 36" Pedimented Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,791.44	114.83
07 72 38 13-1675	EA	24" x 36" Pedimented Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,880.96	114.83
07 72 38 13-1676	EA	24" x 36" Pedimented Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,970.48	114.83
07 72 38 13-1677	EA	24" x 36" Pedimented Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	3,060.01	114.83
07 72 38 13-1678	EA	24" x 36" Pedimented Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	3,149.53	114.83
07 72 38 13-1679	EA	24" x 36" Pedimented Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	3,239.05	114.83
07 72 38 13-1680	EA	24" x 36" Pedimented Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,328.57	114.83
07 72 38 13-1681	EA	24" x 36" Pedimented Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,713.77	114.83
07 72 38 13-1682	EA	24" x 36" Pedimented Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,803.29	114.83
07 72 38 13-1683	EA	24" x 36" Pedimented Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,892.81	114.83
07 72 38 13-1684	EA	24" x 36" Pedimented Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,982.34	114.83
07 72 38 13-1685	EA	24" x 36" Pedimented Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	3,071.86	114.83
07 72 38 13-1686	EA	24" x 36" Pedimented Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	3,161.38	114.83
07 72 38 13-1687	EA	24" x 36" Pedimented Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	3,250.90	114.83
07 72 38 13-1688	EA	24" x 36" Pedimented Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,340.43	114.83
07 72 38 13-1689	EA	24" x 36" Pedimented Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,429.95	114.83
07 72 38 13-1690	EA	24" x 36" Pedimented Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,519.47	114.83
07 72 38 13-1691	EA	24" x 36" Pedimented Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,609.00	114.83
07 72 38 13-1692	EA	24" x 36" Pedimented Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,698.52	114.83
07 72 38 13-1693	EA	30" x 42" Pedimented Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	3,109.50	127.77
07 72 38 13-1694	EA	30" x 42" Pedimented Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	3,199.02	127.77

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-1695	EA	30" x 42" Pedimented Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	3,288.54	127.77
07 72 38 13-1696	EA	30" x 42" Pedimented Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	3,378.06	127.77
07 72 38 13-1697	EA	30" x 42" Pedimented Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	3,467.59	127.77
07 72 38 13-1698	EA	30" x 42" Pedimented Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	3,557.11	127.77
07 72 38 13-1699	EA	30" x 42" Pedimented Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	3,646.63	127.77
07 72 38 13-1700	EA	30" x 42" Pedimented Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	3,736.16	127.77
07 72 38 13-1701	EA	30" x 42" Pedimented Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	3,825.68	127.77
07 72 38 13-1702	EA	30" x 42" Pedimented Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	3,915.20	127.77
07 72 38 13-1703	EA	30" x 42" Pedimented Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	4,004.72	127.77
07 72 38 13-1704	EA	30" x 42" Pedimented Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	4,094.25	127.77
07 72 38 13-1705	EA	30" x 42" Pedimented Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	3,479.44	127.77
07 72 38 13-1706	EA	30" x 42" Pedimented Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	3,568.96	127.77
07 72 38 13-1707	EA	30" x 42" Pedimented Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	3,658.48	127.77
07 72 38 13-1708	EA	30" x 42" Pedimented Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	3,748.01	127.77
07 72 38 13-1709	EA	30" x 42" Pedimented Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	3,837.53	127.77
07 72 38 13-1710	EA	30" x 42" Pedimented Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	3,927.05	127.77
07 72 38 13-1711	EA	30" x 42" Pedimented Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	4,016.58	127.77
07 72 38 13-1712	EA	30" x 42" Pedimented Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	4,106.10	127.77
07 72 38 13-1713	EA	30" x 42" Pedimented Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	4,195.62	127.77
07 72 38 13-1714	EA	30" x 42" Pedimented Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	4,285.14	127.77
07 72 38 13-1715	EA	30" x 42" Pedimented Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	4,374.67	127.77
07 72 38 13-1716	EA	30" x 42" Pedimented Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	4,464.19	127.77
07 72 38 13-1717	EA	36" x 48" Pedimented Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	3,991.19	127.77
07 72 38 13-1718	EA	36" x 48" Pedimented Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	4,097.74	139.00
07 72 38 13-1719	EA	36" x 48" Pedimented Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	4,187.26	139.00
07 72 38 13-1720	EA	36" x 48" Pedimented Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	4,276.78	139.00
07 72 38 13-1721	EA	36" x 48" Pedimented Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	4,366.31	139.00
07 72 38 13-1722	EA	36" x 48" Pedimented Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	4,455.83	139.00
07 72 38 13-1723	EA	36" x 48" Pedimented Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	4,545.35	139.00
07 72 38 13-1724	EA	36" x 48" Pedimented Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	4,634.87	139.00
07 72 38 13-1725	EA	36" x 48" Pedimented Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	4,724.40	139.00
07 72 38 13-1726	EA	36" x 48" Pedimented Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	4,813.92	139.00
07 72 38 13-1727	EA	36" x 48" Pedimented Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	4,903.44	139.00
07 72 38 13-1728	EA	36" x 48" Pedimented Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	4,992.97	139.00
07 72 38 13-1729	EA	36" x 48" Pedimented Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	4,378.16	139.00
07 72 38 13-1730	EA	36" x 48" Pedimented Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	4,467.68	139.00
07 72 38 13-1731	EA	36" x 48" Pedimented Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	4,557.20	139.00
07 72 38 13-1732	EA	36" x 48" Pedimented Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	4,646.73	139.00
07 72 38 13-1733	EA	36" x 48" Pedimented Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	4,736.25	139.00
07 72 38 13-1734	EA	36" x 48" Pedimented Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	4,825.77	139.00
07 72 38 13-1735	EA	36" x 48" Pedimented Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	4,915.29	139.00
07 72 38 13-1736	EA	36" x 48" Pedimented Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	5,004.82	139.00
07 72 38 13-1737	EA	36" x 48" Pedimented Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	5,094.34	139.00
07 72 38 13-1738	EA	36" x 48" Pedimented Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	5,183.86	139.00
07 72 38 13-1739	EA	36" x 48" Pedimented Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	5,273.39	139.00
07 72 38 13-1740	EA	36" x 48" Pedimented Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	5,362.91	139.00
07 72 38 13-1741		**Mantle Clock Copper Roof Dormer Vent** *(07 72 38 13-0001)*		
07 72 38 13-1742	EA	30" x 36" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,115.24	114.83
07 72 38 13-1743	EA	30" x 36" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,294.76	114.83
07 72 38 13-1744	EA	30" x 36" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,474.29	114.83
07 72 38 13-1745	EA	30" x 36" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,653.81	114.83
07 72 38 13-1746	EA	30" x 36" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,833.34	114.83
07 72 38 13-1747	EA	30" x 36" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,012.86	114.83
07 72 38 13-1748	EA	30" x 36" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,192.39	114.83
07 72 38 13-1749	EA	30" x 36" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,371.91	114.83
07 72 38 13-1750	EA	30" x 36" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,551.44	114.83
07 72 38 13-1751	EA	30" x 36" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,730.96	114.83
07 72 38 13-1752	EA	30" x 36" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,910.49	114.83
07 72 38 13-1753	EA	30" x 36" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,090.01	114.83
07 72 38 13-1754	EA	30" x 36" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,594.79	114.83
07 72 38 13-1755	EA	30" x 36" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,774.32	114.83
07 72 38 13-1756	EA	30" x 36" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,953.84	114.83
07 72 38 13-1757	EA	30" x 36" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,133.37	114.83
07 72 38 13-1758	EA	30" x 36" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,312.89	114.83
07 72 38 13-1759	EA	30" x 36" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,492.42	114.83
07 72 38 13-1760	EA	30" x 36" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,671.94	114.83
07 72 38 13-1761	EA	30" x 36" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,851.47	114.83
07 72 38 13-1762	EA	30" x 36" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,030.99	114.83
07 72 38 13-1763	EA	30" x 36" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,210.52	114.83
07 72 38 13-1764	EA	30" x 36" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,390.04	114.83
07 72 38 13-1765	EA	30" x 36" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,569.57	114.83
07 72 38 13-1766	EA	36" x 42" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,416.01	127.77
07 72 38 13-1767	EA	36" x 42" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,595.54	127.77
07 72 38 13-1768	EA	36" x 42" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,775.06	127.77
07 72 38 13-1769	EA	36" x 42" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,954.59	127.77
07 72 38 13-1770	EA	36" x 42" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,134.11	127.77
07 72 38 13-1771	EA	36" x 42" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,313.64	127.77
07 72 38 13-1772	EA	36" x 42" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,493.16	127.77
07 72 38 13-1773	EA	36" x 42" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,672.69	127.77

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-1774	EA	36" x 42" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,852.21	127.77
07 72 38 13-1775	EA	36" x 42" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	3,031.74	127.77
07 72 38 13-1776	EA	36" x 42" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	3,211.26	127.77
07 72 38 13-1777	EA	36" x 42" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,390.79	127.77
07 72 38 13-1778	EA	36" x 42" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,895.57	127.77
07 72 38 13-1779	EA	36" x 42" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,075.09	127.77
07 72 38 13-1780	EA	36" x 42" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,254.62	127.77
07 72 38 13-1781	EA	36" x 42" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,434.14	127.77
07 72 38 13-1782	EA	36" x 42" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,613.67	127.77
07 72 38 13-1783	EA	36" x 42" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,793.19	127.77
07 72 38 13-1784	EA	36" x 42" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,972.72	127.77
07 72 38 13-1785	EA	36" x 42" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,152.25	127.77
07 72 38 13-1786	EA	36" x 42" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,331.77	127.77
07 72 38 13-1787	EA	36" x 42" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,511.30	127.77
07 72 38 13-1788	EA	36" x 42" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,690.82	127.77
07 72 38 13-1789	EA	36" x 42" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,870.35	127.77
07 72 38 13-1790	EA	42" x 49" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	2,824.37	127.77
07 72 38 13-1791	EA	42" x 49" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	3,020.91	139.00
07 72 38 13-1792	EA	42" x 49" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	3,200.44	139.00
07 72 38 13-1793	EA	42" x 49" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	3,379.96	139.00
07 72 38 13-1794	EA	42" x 49" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	3,559.49	139.00
07 72 38 13-1795	EA	42" x 49" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	3,739.01	139.00
07 72 38 13-1796	EA	42" x 49" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	3,918.54	139.00
07 72 38 13-1797	EA	42" x 49" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	4,098.06	139.00
07 72 38 13-1798	EA	42" x 49" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	4,277.59	139.00
07 72 38 13-1799	EA	42" x 49" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	4,457.11	139.00
07 72 38 13-1800	EA	42" x 49" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	4,636.64	139.00
07 72 38 13-1801	EA	42" x 49" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	4,816.16	139.00
07 72 38 13-1802	EA	42" x 49" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	3,320.94	139.00
07 72 38 13-1803	EA	42" x 49" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	3,500.47	139.00
07 72 38 13-1804	EA	42" x 49" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	3,679.99	139.00
07 72 38 13-1805	EA	42" x 49" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	3,859.52	139.00
07 72 38 13-1806	EA	42" x 49" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	4,039.04	139.00
07 72 38 13-1807	EA	42" x 49" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	4,218.57	139.00
07 72 38 13-1808	EA	42" x 49" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	4,398.09	139.00
07 72 38 13-1809	EA	42" x 49" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	4,577.62	139.00
07 72 38 13-1810	EA	42" x 49" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	4,757.14	139.00
07 72 38 13-1811	EA	42" x 49" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	4,936.67	139.00
07 72 38 13-1812	EA	42" x 49" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	5,116.19	139.00
07 72 38 13-1813	EA	42" x 49" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	5,295.72	139.00

07 72 38 13-1814 Aluminum Roof Dormer Vent *(07 72 38 13)*

Note: Includes insect screen on the inside of the louvers, 0.032 Kynar finish Aluminum and fabricated with sturdy wooden framing.

07 72 38 13-1815 Half Round Aluminum Roof Dormer Vent *(07 72 38 13-1814)*

07 72 38 13-1816	EA	18" Half Round Aluminum Dormer Vents, 16/12 Slope	564.41	75.11
07 72 38 13-1817	EA	18" Half Round Aluminum Dormer Vents, 15/12 Slope	779.52	75.11
07 72 38 13-1818	EA	18" Half Round Aluminum Dormer Vents, 14/12 Slope	1,023.52	75.11
07 72 38 13-1819	EA	18" Half Round Aluminum Dormer Vents, 13/12 Slope	1,206.53	75.11
07 72 38 13-1820	EA	18" Half Round Aluminum Dormer Vents, 12/12 Slope	1,424.85	75.11
07 72 38 13-1821	EA	18" Half Round Aluminum Dormer Vents, 11/12 Slope	1,636.75	75.11
07 72 38 13-1822	EA	18" Half Round Aluminum Dormer Vents, 10/12 Slope	1,851.86	75.11
07 72 38 13-1823	EA	18" Half Round Aluminum Dormer Vents, 9/12 Slope	2,066.97	75.11
07 72 38 13-1824	EA	18" Half Round Aluminum Dormer Vents, 8/12 Slope	2,282.08	75.11
07 72 38 13-1825	EA	18" Half Round Aluminum Dormer Vents, 7/12 Slope	2,493.98	75.11
07 72 38 13-1826	EA	18" Half Round Aluminum Dormer Vents, 6/12 Slope	2,709.09	75.11
07 72 38 13-1827	EA	18" Half Round Aluminum Dormer Vents, 5/12 Slope	2,924.20	75.11
07 72 38 13-1828	EA	24" Half Round Aluminum Dormer Vents, 16/12 Slope	666.17	89.78
07 72 38 13-1829	EA	24" Half Round Aluminum Dormer Vents, 15/12 Slope	881.28	89.78
07 72 38 13-1830	EA	24" Half Round Aluminum Dormer Vents, 14/12 Slope	1,125.29	89.78
07 72 38 13-1831	EA	24" Half Round Aluminum Dormer Vents, 13/12 Slope	1,308.29	89.78
07 72 38 13-1832	EA	24" Half Round Aluminum Dormer Vents, 12/12 Slope	1,526.62	89.78
07 72 38 13-1833	EA	24" Half Round Aluminum Dormer Vents, 11/12 Slope	1,738.51	89.78
07 72 38 13-1834	EA	24" Half Round Aluminum Dormer Vents, 10/12 Slope	1,953.62	89.78
07 72 38 13-1835	EA	24" Half Round Aluminum Dormer Vents, 9/12 Slope	2,168.74	89.78
07 72 38 13-1836	EA	24" Half Round Aluminum Dormer Vents, 8/12 Slope	2,383.85	89.78
07 72 38 13-1837	EA	24" Half Round Aluminum Dormer Vents, 7/12 Slope	2,595.74	89.78
07 72 38 13-1838	EA	24" Half Round Aluminum Dormer Vents, 6/12 Slope	2,810.86	89.78
07 72 38 13-1839	EA	24" Half Round Aluminum Dormer Vents, 5/12 Slope	3,025.97	89.78
07 72 38 13-1840	EA	30" Half Round Aluminum Dormer Vents, 16/12 Slope	776.74	101.01
07 72 38 13-1841	EA	30" Half Round Aluminum Dormer Vents, 15/12 Slope	991.85	101.01
07 72 38 13-1842	EA	30" Half Round Aluminum Dormer Vents, 14/12 Slope	1,235.86	101.01
07 72 38 13-1843	EA	30" Half Round Aluminum Dormer Vents, 13/12 Slope	1,418.86	101.01
07 72 38 13-1844	EA	30" Half Round Aluminum Dormer Vents, 12/12 Slope	1,637.18	101.01
07 72 38 13-1845	EA	30" Half Round Aluminum Dormer Vents, 11/12 Slope	1,849.08	101.01
07 72 38 13-1846	EA	30" Half Round Aluminum Dormer Vents, 10/12 Slope	2,064.19	101.01
07 72 38 13-1847	EA	30" Half Round Aluminum Dormer Vents, 9/12 Slope	2,279.30	101.01
07 72 38 13-1848	EA	30" Half Round Aluminum Dormer Vents, 8/12 Slope	2,494.41	101.01
07 72 38 13-1849	EA	30" Half Round Aluminum Dormer Vents, 7/12 Slope	2,706.31	101.01
07 72 38 13-1850	EA	30" Half Round Aluminum Dormer Vents, 6/12 Slope	2,921.42	101.01

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-1851	EA	30" Half Round Aluminum Dormer Vents, 5/12 Slope	3,136.53	101.01
07 72 38 13-1852	EA	36" Half Round Aluminum Dormer Vents, 16/12 Slope	907.72	114.83
07 72 38 13-1853	EA	36" Half Round Aluminum Dormer Vents, 15/12 Slope	1,122.83	114.83
07 72 38 13-1854	EA	36" Half Round Aluminum Dormer Vents, 14/12 Slope	1,366.84	114.83
07 72 38 13-1855	EA	36" Half Round Aluminum Dormer Vents, 13/12 Slope	1,549.84	114.83
07 72 38 13-1856	EA	36" Half Round Aluminum Dormer Vents, 12/12 Slope	1,768.16	114.83
07 72 38 13-1857	EA	36" Half Round Aluminum Dormer Vents, 11/12 Slope	1,980.06	114.83
07 72 38 13-1858	EA	36" Half Round Aluminum Dormer Vents, 10/12 Slope	2,195.17	114.83
07 72 38 13-1859	EA	36" Half Round Aluminum Dormer Vents, 9/12 Slope	2,410.28	114.83
07 72 38 13-1860	EA	36" Half Round Aluminum Dormer Vents, 8/12 Slope	2,625.39	114.83
07 72 38 13-1861	EA	36" Half Round Aluminum Dormer Vents, 7/12 Slope	2,837.29	114.83
07 72 38 13-1862	EA	36" Half Round Aluminum Dormer Vents, 6/12 Slope	3,052.40	114.83
07 72 38 13-1863	EA	36" Half Round Aluminum Dormer Vents, 5/12 Slope	3,267.51	114.83
07 72 38 13-1864	EA	42" Half Round Aluminum Dormer Vents, 16/12 Slope	1,480.11	127.77
07 72 38 13-1865	EA	42" Half Round Aluminum Dormer Vents, 15/12 Slope	1,695.22	127.77
07 72 38 13-1866	EA	42" Half Round Aluminum Dormer Vents, 14/12 Slope	1,939.23	127.77
07 72 38 13-1867	EA	42" Half Round Aluminum Dormer Vents, 13/12 Slope	2,122.23	127.77
07 72 38 13-1868	EA	42" Half Round Aluminum Dormer Vents, 12/12 Slope	2,340.55	127.77
07 72 38 13-1869	EA	42" Half Round Aluminum Dormer Vents, 11/12 Slope	2,552.45	127.77
07 72 38 13-1870	EA	42" Half Round Aluminum Dormer Vents, 10/12 Slope	2,767.56	127.77
07 72 38 13-1871	EA	42" Half Round Aluminum Dormer Vents, 9/12 Slope	2,982.67	127.77
07 72 38 13-1872	EA	42" Half Round Aluminum Dormer Vents, 8/12 Slope	3,197.78	127.77
07 72 38 13-1873	EA	42" Half Round Aluminum Dormer Vents, 7/12 Slope	3,409.68	127.77
07 72 38 13-1874	EA	42" Half Round Aluminum Dormer Vents, 6/12 Slope	3,624.79	127.77
07 72 38 13-1875	EA	42" Half Round Aluminum Dormer Vents, 5/12 Slope	3,839.90	127.77
07 72 38 13-1876	EA	48" Half Round Aluminum Dormer Vents, 16/12 Slope	2,117.93	127.77
07 72 38 13-1877	EA	48" Half Round Aluminum Dormer Vents, 15/12 Slope	2,350.06	139.00
07 72 38 13-1878	EA	48" Half Round Aluminum Dormer Vents, 14/12 Slope	2,594.06	139.00
07 72 38 13-1879	EA	48" Half Round Aluminum Dormer Vents, 13/12 Slope	2,777.07	139.00
07 72 38 13-1880	EA	48" Half Round Aluminum Dormer Vents, 12/12 Slope	2,995.39	139.00
07 72 38 13-1881	EA	48" Half Round Aluminum Dormer Vents, 11/12 Slope	3,207.29	139.00
07 72 38 13-1882	EA	48" Half Round Aluminum Dormer Vents, 10/12 Slope	3,422.40	139.00
07 72 38 13-1883	EA	48" Half Round Aluminum Dormer Vents, 9/12 Slope	3,637.51	139.00
07 72 38 13-1884	EA	48" Half Round Aluminum Dormer Vents, 8/12 Slope	3,852.62	139.00
07 72 38 13-1885	EA	48" Half Round Aluminum Dormer Vents, 7/12 Slope	4,064.52	139.00
07 72 38 13-1886	EA	48" Half Round Aluminum Dormer Vents, 6/12 Slope	4,279.63	139.00
07 72 38 13-1887	EA	48" Half Round Aluminum Dormer Vents, 5/12 Slope	4,494.74	139.00

07 72 38 13-1888 Triangle Aluminum Roof Dormer Vent *(07 72 38 13-1814)*

07 72 38 13-1889	EA	18" x 9" Triangle Aluminum Dormer Vents, 16/12 Slope	1,262.39	75.11
07 72 38 13-1890	EA	18" x 9" Triangle Aluminum Dormer Vents, 15/12 Slope	1,477.50	75.11
07 72 38 13-1891	EA	18" x 9" Triangle Aluminum Dormer Vents, 14/12 Slope	1,721.51	75.11
07 72 38 13-1892	EA	18" x 9" Triangle Aluminum Dormer Vents, 13/12 Slope	1,904.51	75.11
07 72 38 13-1893	EA	18" x 9" Triangle Aluminum Dormer Vents, 12/12 Slope	2,122.83	75.11
07 72 38 13-1894	EA	18" x 9" Triangle Aluminum Dormer Vents, 11/12 Slope	2,334.73	75.11
07 72 38 13-1895	EA	18" x 9" Triangle Aluminum Dormer Vents, 10/12 Slope	2,549.84	75.11
07 72 38 13-1896	EA	18" x 9" Triangle Aluminum Dormer Vents, 9/12 Slope	2,764.95	75.11
07 72 38 13-1897	EA	18" x 9" Triangle Aluminum Dormer Vents, 8/12 Slope	2,980.06	75.11
07 72 38 13-1898	EA	18" x 9" Triangle Aluminum Dormer Vents, 7/12 Slope	3,191.96	75.11
07 72 38 13-1899	EA	18" x 9" Triangle Aluminum Dormer Vents, 6/12 Slope	3,407.07	75.11
07 72 38 13-1900	EA	18" x 9" Triangle Aluminum Dormer Vents, 5/12 Slope	3,622.18	75.11
07 72 38 13-1901	EA	18" x 12" Triangle Aluminum Dormer Vents, 16/12 Slope	1,361.70	75.11
07 72 38 13-1902	EA	18" x 12" Triangle Aluminum Dormer Vents, 15/12 Slope	1,576.81	75.11
07 72 38 13-1903	EA	18" x 12" Triangle Aluminum Dormer Vents, 14/12 Slope	1,820.81	75.11
07 72 38 13-1904	EA	18" x 12" Triangle Aluminum Dormer Vents, 13/12 Slope	2,003.82	75.11
07 72 38 13-1905	EA	18" x 12" Triangle Aluminum Dormer Vents, 12/12 Slope	2,222.14	75.11
07 72 38 13-1906	EA	18" x 12" Triangle Aluminum Dormer Vents, 11/12 Slope	2,434.04	75.11
07 72 38 13-1907	EA	18" x 12" Triangle Aluminum Dormer Vents, 10/12 Slope	2,649.15	75.11
07 72 38 13-1908	EA	18" x 12" Triangle Aluminum Dormer Vents, 9/12 Slope	2,864.26	75.11
07 72 38 13-1909	EA	18" x 12" Triangle Aluminum Dormer Vents, 8/12 Slope	3,079.37	75.11
07 72 38 13-1910	EA	18" x 12" Triangle Aluminum Dormer Vents, 7/12 Slope	3,291.27	75.11
07 72 38 13-1911	EA	18" x 12" Triangle Aluminum Dormer Vents, 6/12 Slope	3,506.38	75.11
07 72 38 13-1912	EA	18" x 12" Triangle Aluminum Dormer Vents, 5/12 Slope	3,721.49	75.11
07 72 38 13-1913	EA	24" x 12" Triangle Aluminum Dormer Vents, 16/12 Slope	1,516.34	89.78
07 72 38 13-1914	EA	24" x 12" Triangle Aluminum Dormer Vents, 15/12 Slope	1,731.45	89.78
07 72 38 13-1915	EA	24" x 12" Triangle Aluminum Dormer Vents, 14/12 Slope	1,975.46	89.78
07 72 38 13-1916	EA	24" x 12" Triangle Aluminum Dormer Vents, 13/12 Slope	2,158.46	89.78
07 72 38 13-1917	EA	24" x 12" Triangle Aluminum Dormer Vents, 12/12 Slope	2,376.78	89.78
07 72 38 13-1918	EA	24" x 12" Triangle Aluminum Dormer Vents, 11/12 Slope	2,588.68	89.78
07 72 38 13-1919	EA	24" x 12" Triangle Aluminum Dormer Vents, 10/12 Slope	2,803.79	89.78
07 72 38 13-1920	EA	24" x 12" Triangle Aluminum Dormer Vents, 9/12 Slope	3,018.90	89.78
07 72 38 13-1921	EA	24" x 12" Triangle Aluminum Dormer Vents, 8/12 Slope	3,234.01	89.78
07 72 38 13-1922	EA	24" x 12" Triangle Aluminum Dormer Vents, 7/12 Slope	3,445.91	89.78
07 72 38 13-1923	EA	24" x 12" Triangle Aluminum Dormer Vents, 6/12 Slope	3,661.02	89.78
07 72 38 13-1924	EA	24" x 12" Triangle Aluminum Dormer Vents, 5/12 Slope	3,876.13	89.78
07 72 38 13-1925	EA	24" x 16" Triangle Aluminum Dormer Vents, 16/12 Slope	1,692.86	89.78
07 72 38 13-1926	EA	24" x 16" Triangle Aluminum Dormer Vents, 15/12 Slope	1,907.97	89.78
07 72 38 13-1927	EA	24" x 16" Triangle Aluminum Dormer Vents, 14/12 Slope	2,151.98	89.78
07 72 38 13-1928	EA	24" x 16" Triangle Aluminum Dormer Vents, 13/12 Slope	2,334.98	89.78
07 72 38 13-1929	EA	24" x 16" Triangle Aluminum Dormer Vents, 12/12 Slope	2,553.30	89.78

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-1930	EA	24" x 16" Triangle Aluminum Dormer Vents, 11/12 Slope	2,765.20	89.78
07 72 38 13-1931	EA	24" x 16" Triangle Aluminum Dormer Vents, 10/12 Slope	2,980.31	89.78
07 72 38 13-1932	EA	24" x 16" Triangle Aluminum Dormer Vents, 9/12 Slope	3,195.42	89.78
07 72 38 13-1933	EA	24" x 16" Triangle Aluminum Dormer Vents, 8/12 Slope	3,410.53	89.78
07 72 38 13-1934	EA	24" x 16" Triangle Aluminum Dormer Vents, 7/12 Slope	3,622.43	89.78
07 72 38 13-1935	EA	24" x 16" Triangle Aluminum Dormer Vents, 6/12 Slope	3,837.54	89.78
07 72 38 13-1936	EA	24" x 16" Triangle Aluminum Dormer Vents, 5/12 Slope	4,052.65	89.78
07 72 38 13-1937	EA	30" x 15" Triangle Aluminum Dormer Vents, 16/12 Slope	1,831.26	101.01
07 72 38 13-1938	EA	30" x 15" Triangle Aluminum Dormer Vents, 15/12 Slope	2,046.37	101.01
07 72 38 13-1939	EA	30" x 15" Triangle Aluminum Dormer Vents, 14/12 Slope	2,290.38	101.01
07 72 38 13-1940	EA	30" x 15" Triangle Aluminum Dormer Vents, 13/12 Slope	2,473.38	101.01
07 72 38 13-1941	EA	30" x 15" Triangle Aluminum Dormer Vents, 12/12 Slope	2,691.70	101.01
07 72 38 13-1942	EA	30" x 15" Triangle Aluminum Dormer Vents, 11/12 Slope	2,903.60	101.01
07 72 38 13-1943	EA	30" x 15" Triangle Aluminum Dormer Vents, 10/12 Slope	3,118.71	101.01
07 72 38 13-1944	EA	30" x 15" Triangle Aluminum Dormer Vents, 9/12 Slope	3,333.82	101.01
07 72 38 13-1945	EA	30" x 15" Triangle Aluminum Dormer Vents, 8/12 Slope	3,548.93	101.01
07 72 38 13-1946	EA	30" x 15" Triangle Aluminum Dormer Vents, 7/12 Slope	3,760.83	101.01
07 72 38 13-1947	EA	30" x 15" Triangle Aluminum Dormer Vents, 6/12 Slope	3,975.94	101.01
07 72 38 13-1948	EA	30" x 15" Triangle Aluminum Dormer Vents, 5/12 Slope	4,191.05	101.01
07 72 38 13-1949	EA	30" x 20" Triangle Aluminum Dormer Vents, 16/12 Slope	2,107.09	101.01
07 72 38 13-1950	EA	30" x 20" Triangle Aluminum Dormer Vents, 15/12 Slope	2,322.20	101.01
07 72 38 13-1951	EA	30" x 20" Triangle Aluminum Dormer Vents, 14/12 Slope	2,566.20	101.01
07 72 38 13-1952	EA	30" x 20" Triangle Aluminum Dormer Vents, 13/12 Slope	2,749.21	101.01
07 72 38 13-1953	EA	30" x 20" Triangle Aluminum Dormer Vents, 12/12 Slope	2,967.53	101.01
07 72 38 13-1954	EA	30" x 20" Triangle Aluminum Dormer Vents, 11/12 Slope	3,179.43	101.01
07 72 38 13-1955	EA	30" x 20" Triangle Aluminum Dormer Vents, 10/12 Slope	3,394.54	101.01
07 72 38 13-1956	EA	30" x 20" Triangle Aluminum Dormer Vents, 9/12 Slope	3,609.65	101.01
07 72 38 13-1957	EA	30" x 20" Triangle Aluminum Dormer Vents, 8/12 Slope	3,824.76	101.01
07 72 38 13-1958	EA	30" x 20" Triangle Aluminum Dormer Vents, 7/12 Slope	4,036.66	101.01
07 72 38 13-1959	EA	30" x 20" Triangle Aluminum Dormer Vents, 6/12 Slope	4,251.77	101.01
07 72 38 13-1960	EA	30" x 20" Triangle Aluminum Dormer Vents, 5/12 Slope	4,466.88	101.01
07 72 38 13-1961	EA	36" x 18" Triangle Aluminum Dormer Vents, 16/12 Slope	2,216.26	114.83
07 72 38 13-1962	EA	36" x 18" Triangle Aluminum Dormer Vents, 15/12 Slope	2,431.37	114.83
07 72 38 13-1963	EA	36" x 18" Triangle Aluminum Dormer Vents, 14/12 Slope	2,675.38	114.83
07 72 38 13-1964	EA	36" x 18" Triangle Aluminum Dormer Vents, 13/12 Slope	2,858.38	114.83
07 72 38 13-1965	EA	36" x 18" Triangle Aluminum Dormer Vents, 12/12 Slope	3,076.71	114.83
07 72 38 13-1966	EA	36" x 18" Triangle Aluminum Dormer Vents, 11/12 Slope	3,288.61	114.83
07 72 38 13-1967	EA	36" x 18" Triangle Aluminum Dormer Vents, 10/12 Slope	3,503.72	114.83
07 72 38 13-1968	EA	36" x 18" Triangle Aluminum Dormer Vents, 9/12 Slope	3,718.83	114.83
07 72 38 13-1969	EA	36" x 18" Triangle Aluminum Dormer Vents, 8/12 Slope	3,933.94	114.83
07 72 38 13-1970	EA	36" x 18" Triangle Aluminum Dormer Vents, 7/12 Slope	4,145.84	114.83
07 72 38 13-1971	EA	36" x 18" Triangle Aluminum Dormer Vents, 6/12 Slope	4,360.95	114.83
07 72 38 13-1972	EA	36" x 18" Triangle Aluminum Dormer Vents, 5/12 Slope	4,576.06	114.83
07 72 38 13-1973	EA	36" x 24" Triangle Aluminum Dormer Vents, 16/12 Slope	2,613.48	114.83
07 72 38 13-1974	EA	36" x 24" Triangle Aluminum Dormer Vents, 15/12 Slope	2,828.59	114.83
07 72 38 13-1975	EA	36" x 24" Triangle Aluminum Dormer Vents, 14/12 Slope	3,072.60	114.83
07 72 38 13-1976	EA	36" x 24" Triangle Aluminum Dormer Vents, 13/12 Slope	3,255.60	114.83
07 72 38 13-1977	EA	36" x 24" Triangle Aluminum Dormer Vents, 12/12 Slope	3,473.92	114.83
07 72 38 13-1978	EA	36" x 24" Triangle Aluminum Dormer Vents, 11/12 Slope	3,685.82	114.83
07 72 38 13-1979	EA	36" x 24" Triangle Aluminum Dormer Vents, 10/12 Slope	3,900.93	114.83
07 72 38 13-1980	EA	36" x 24" Triangle Aluminum Dormer Vents, 9/12 Slope	4,116.04	114.83
07 72 38 13-1981	EA	36" x 24" Triangle Aluminum Dormer Vents, 8/12 Slope	4,331.15	114.83
07 72 38 13-1982	EA	36" x 24" Triangle Aluminum Dormer Vents, 7/12 Slope	4,543.05	114.83
07 72 38 13-1983	EA	36" x 24" Triangle Aluminum Dormer Vents, 6/12 Slope	4,758.16	114.83
07 72 38 13-1984	EA	36" x 24" Triangle Aluminum Dormer Vents, 5/12 Slope	4,973.27	114.83
07 72 38 13-1985	EA	42" x 21" Triangle Aluminum Dormer Vents, 16/12 Slope	2,666.20	127.77
07 72 38 13-1986	EA	42" x 21" Triangle Aluminum Dormer Vents, 15/12 Slope	2,881.31	127.77
07 72 38 13-1987	EA	42" x 21" Triangle Aluminum Dormer Vents, 14/12 Slope	3,125.32	127.77
07 72 38 13-1988	EA	42" x 21" Triangle Aluminum Dormer Vents, 13/12 Slope	3,308.32	127.77
07 72 38 13-1989	EA	42" x 21" Triangle Aluminum Dormer Vents, 12/12 Slope	3,526.64	127.77
07 72 38 13-1990	EA	42" x 21" Triangle Aluminum Dormer Vents, 11/12 Slope	3,738.54	127.77
07 72 38 13-1991	EA	42" x 21" Triangle Aluminum Dormer Vents, 10/12 Slope	3,953.65	127.77
07 72 38 13-1992	EA	42" x 21" Triangle Aluminum Dormer Vents, 9/12 Slope	4,168.76	127.77
07 72 38 13-1993	EA	42" x 21" Triangle Aluminum Dormer Vents, 8/12 Slope	4,383.87	127.77
07 72 38 13-1994	EA	42" x 21" Triangle Aluminum Dormer Vents, 7/12 Slope	4,595.77	127.77
07 72 38 13-1995	EA	42" x 21" Triangle Aluminum Dormer Vents, 6/12 Slope	4,810.88	127.77
07 72 38 13-1996	EA	42" x 21" Triangle Aluminum Dormer Vents, 5/12 Slope	5,025.99	127.77
07 72 38 13-1997	EA	42" x 28" Triangle Aluminum Dormer Vents, 16/12 Slope	3,206.87	127.77
07 72 38 13-1998	EA	42" x 28" Triangle Aluminum Dormer Vents, 15/12 Slope	3,421.98	127.77
07 72 38 13-1999	EA	42" x 28" Triangle Aluminum Dormer Vents, 14/12 Slope	3,665.98	127.77
07 72 38 13-2000	EA	42" x 28" Triangle Aluminum Dormer Vents, 13/12 Slope	3,848.99	127.77
07 72 38 13-2001	EA	42" x 28" Triangle Aluminum Dormer Vents, 12/12 Slope	4,067.31	127.77
07 72 38 13-2002	EA	42" x 28" Triangle Aluminum Dormer Vents, 11/12 Slope	4,279.21	127.77
07 72 38 13-2003	EA	42" x 28" Triangle Aluminum Dormer Vents, 10/12 Slope	4,494.32	127.77
07 72 38 13-2004	EA	42" x 28" Triangle Aluminum Dormer Vents, 9/12 Slope	4,709.43	127.77
07 72 38 13-2005	EA	42" x 28" Triangle Aluminum Dormer Vents, 8/12 Slope	4,924.54	127.77
07 72 38 13-2006	EA	42" x 28" Triangle Aluminum Dormer Vents, 7/12 Slope	5,136.44	127.77
07 72 38 13-2007	EA	42" x 28" Triangle Aluminum Dormer Vents, 6/12 Slope	5,351.55	127.77
07 72 38 13-2008	EA	42" x 28" Triangle Aluminum Dormer Vents, 5/12 Slope	5,566.66	127.77
07 72 38 13-2009	EA	48" x 24" Triangle Aluminum Dormer Vents, 16/12 Slope	3,162.72	127.77
07 72 38 13-2010	EA	48" x 24" Triangle Aluminum Dormer Vents, 15/12 Slope	3,394.85	139.00

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-2011	EA	48" x 24" Triangle Aluminum Dormer Vents, 14/12 Slope	3,638.86	139.00
07 72 38 13-2012	EA	48" x 24" Triangle Aluminum Dormer Vents, 13/12 Slope	3,821.86	139.00
07 72 38 13-2013	EA	48" x 24" Triangle Aluminum Dormer Vents, 12/12 Slope	4,040.18	139.00
07 72 38 13-2014	EA	48" x 24" Triangle Aluminum Dormer Vents, 11/12 Slope	4,252.08	139.00
07 72 38 13-2015	EA	48" x 24" Triangle Aluminum Dormer Vents, 10/12 Slope	4,467.19	139.00
07 72 38 13-2016	EA	48" x 24" Triangle Aluminum Dormer Vents, 9/12 Slope	4,682.30	139.00
07 72 38 13-2017	EA	48" x 24" Triangle Aluminum Dormer Vents, 8/12 Slope	4,897.41	139.00
07 72 38 13-2018	EA	48" x 24" Triangle Aluminum Dormer Vents, 7/12 Slope	5,109.31	139.00
07 72 38 13-2019	EA	48" x 24" Triangle Aluminum Dormer Vents, 6/12 Slope	5,324.42	139.00
07 72 38 13-2020	EA	48" x 24" Triangle Aluminum Dormer Vents, 5/12 Slope	5,539.53	139.00
07 72 38 13-2021	EA	48" x 32" Triangle Aluminum Dormer Vents, 16/12 Slope	3,868.86	127.77
07 72 38 13-2022	EA	48" x 32" Triangle Aluminum Dormer Vents, 15/12 Slope	4,100.99	139.00
07 72 38 13-2023	EA	48" x 32" Triangle Aluminum Dormer Vents, 14/12 Slope	4,345.00	139.00
07 72 38 13-2024	EA	48" x 32" Triangle Aluminum Dormer Vents, 13/12 Slope	4,528.00	139.00
07 72 38 13-2025	EA	48" x 32" Triangle Aluminum Dormer Vents, 12/12 Slope	4,746.32	139.00
07 72 38 13-2026	EA	48" x 32" Triangle Aluminum Dormer Vents, 11/12 Slope	4,958.22	139.00
07 72 38 13-2027	EA	48" x 32" Triangle Aluminum Dormer Vents, 10/12 Slope	5,173.33	139.00
07 72 38 13-2028	EA	48" x 32" Triangle Aluminum Dormer Vents, 9/12 Slope	5,388.44	139.00
07 72 38 13-2029	EA	48" x 32" Triangle Aluminum Dormer Vents, 8/12 Slope	5,603.55	139.00
07 72 38 13-2030	EA	48" x 32" Triangle Aluminum Dormer Vents, 7/12 Slope	5,815.45	139.00
07 72 38 13-2031	EA	48" x 32" Triangle Aluminum Dormer Vents, 6/12 Slope	6,030.56	139.00
07 72 38 13-2032	EA	48" x 32" Triangle Aluminum Dormer Vents, 5/12 Slope	6,245.67	139.00
07 72 38 13-2033		**Rectangle Aluminum Roof Dormer Vent** *(07 72 38 13-1814)*		
07 72 38 13-2034	EA	12" x 18" Rectangle Aluminum Dormer Vents, 16/12 Slope	1,377.94	75.11
07 72 38 13-2035	EA	12" x 18" Rectangle Aluminum Dormer Vents, 15/12 Slope	1,509.29	75.11
07 72 38 13-2036	EA	12" x 18" Rectangle Aluminum Dormer Vents, 14/12 Slope	1,640.63	75.11
07 72 38 13-2037	EA	12" x 18" Rectangle Aluminum Dormer Vents, 13/12 Slope	1,771.98	75.11
07 72 38 13-2038	EA	12" x 18" Rectangle Aluminum Dormer Vents, 12/12 Slope	1,903.32	75.11
07 72 38 13-2039	EA	12" x 18" Rectangle Aluminum Dormer Vents, 11/12 Slope	2,034.67	75.11
07 72 38 13-2040	EA	12" x 18" Rectangle Aluminum Dormer Vents, 10/12 Slope	2,166.02	75.11
07 72 38 13-2041	EA	12" x 18" Rectangle Aluminum Dormer Vents, 9/12 Slope	2,297.36	75.11
07 72 38 13-2042	EA	12" x 18" Rectangle Aluminum Dormer Vents, 8/12 Slope	2,428.71	75.11
07 72 38 13-2043	EA	12" x 18" Rectangle Aluminum Dormer Vents, 7/12 Slope	2,560.05	75.11
07 72 38 13-2044	EA	12" x 18" Rectangle Aluminum Dormer Vents, 6/12 Slope	2,691.40	75.11
07 72 38 13-2045	EA	12" x 18" Rectangle Aluminum Dormer Vents, 5/12 Slope	2,822.74	75.11
07 72 38 13-2046	EA	15" x 21" Rectangle Aluminum Dormer Vents, 16/12 Slope	1,648.10	89.78
07 72 38 13-2047	EA	15" x 21" Rectangle Aluminum Dormer Vents, 15/12 Slope	1,779.45	89.78
07 72 38 13-2048	EA	15" x 21" Rectangle Aluminum Dormer Vents, 14/12 Slope	1,910.80	89.78
07 72 38 13-2049	EA	15" x 21" Rectangle Aluminum Dormer Vents, 13/12 Slope	2,042.14	89.78
07 72 38 13-2050	EA	15" x 21" Rectangle Aluminum Dormer Vents, 12/12 Slope	2,173.49	89.78
07 72 38 13-2051	EA	15" x 21" Rectangle Aluminum Dormer Vents, 11/12 Slope	2,304.83	89.78
07 72 38 13-2052	EA	15" x 21" Rectangle Aluminum Dormer Vents, 10/12 Slope	2,436.18	89.78
07 72 38 13-2053	EA	15" x 21" Rectangle Aluminum Dormer Vents, 9/12 Slope	2,567.52	89.78
07 72 38 13-2054	EA	15" x 21" Rectangle Aluminum Dormer Vents, 8/12 Slope	2,698.87	89.78
07 72 38 13-2055	EA	15" x 21" Rectangle Aluminum Dormer Vents, 7/12 Slope	2,830.22	89.78
07 72 38 13-2056	EA	15" x 21" Rectangle Aluminum Dormer Vents, 6/12 Slope	2,961.56	89.78
07 72 38 13-2057	EA	15" x 21" Rectangle Aluminum Dormer Vents, 5/12 Slope	3,092.91	89.78
07 72 38 13-2058	EA	18" x 27" Rectangle Aluminum Dormer Vents, 16/12 Slope	2,093.34	101.01
07 72 38 13-2059	EA	18" x 27" Rectangle Aluminum Dormer Vents, 15/12 Slope	2,224.69	101.01
07 72 38 13-2060	EA	18" x 27" Rectangle Aluminum Dormer Vents, 14/12 Slope	2,356.04	101.01
07 72 38 13-2061	EA	18" x 27" Rectangle Aluminum Dormer Vents, 13/12 Slope	2,487.38	101.01
07 72 38 13-2062	EA	18" x 27" Rectangle Aluminum Dormer Vents, 12/12 Slope	2,618.73	101.01
07 72 38 13-2063	EA	18" x 27" Rectangle Aluminum Dormer Vents, 11/12 Slope	2,750.07	101.01
07 72 38 13-2064	EA	18" x 27" Rectangle Aluminum Dormer Vents, 10/12 Slope	2,881.42	101.01
07 72 38 13-2065	EA	18" x 27" Rectangle Aluminum Dormer Vents, 9/12 Slope	3,012.76	101.01
07 72 38 13-2066	EA	18" x 27" Rectangle Aluminum Dormer Vents, 8/12 Slope	3,144.11	101.01
07 72 38 13-2067	EA	18" x 27" Rectangle Aluminum Dormer Vents, 7/12 Slope	3,275.45	101.01
07 72 38 13-2068	EA	18" x 27" Rectangle Aluminum Dormer Vents, 6/12 Slope	3,406.80	101.01
07 72 38 13-2069	EA	18" x 27" Rectangle Aluminum Dormer Vents, 5/12 Slope	3,538.15	101.01
07 72 38 13-2070	EA	24" x 36" Rectangle Aluminum Dormer Vents, 16/12 Slope	3,060.88	114.83
07 72 38 13-2071	EA	24" x 36" Rectangle Aluminum Dormer Vents, 15/12 Slope	3,192.22	114.83
07 72 38 13-2072	EA	24" x 36" Rectangle Aluminum Dormer Vents, 14/12 Slope	3,323.57	114.83
07 72 38 13-2073	EA	24" x 36" Rectangle Aluminum Dormer Vents, 13/12 Slope	3,454.91	114.83
07 72 38 13-2074	EA	24" x 36" Rectangle Aluminum Dormer Vents, 12/12 Slope	3,586.26	114.83
07 72 38 13-2075	EA	24" x 36" Rectangle Aluminum Dormer Vents, 11/12 Slope	3,717.61	114.83
07 72 38 13-2076	EA	24" x 36" Rectangle Aluminum Dormer Vents, 10/12 Slope	3,848.95	114.83
07 72 38 13-2077	EA	24" x 36" Rectangle Aluminum Dormer Vents, 9/12 Slope	3,980.30	114.83
07 72 38 13-2078	EA	24" x 36" Rectangle Aluminum Dormer Vents, 8/12 Slope	4,111.64	114.83
07 72 38 13-2079	EA	24" x 36" Rectangle Aluminum Dormer Vents, 7/12 Slope	4,242.99	114.83
07 72 38 13-2080	EA	24" x 36" Rectangle Aluminum Dormer Vents, 6/12 Slope	4,374.33	114.83
07 72 38 13-2081	EA	24" x 36" Rectangle Aluminum Dormer Vents, 5/12 Slope	4,505.68	114.83
07 72 38 13-2082	EA	30" x 42" Rectangle Aluminum Dormer Vents, 16/12 Slope	4,072.19	127.77
07 72 38 13-2083	EA	30" x 42" Rectangle Aluminum Dormer Vents, 15/12 Slope	4,203.53	127.77
07 72 38 13-2084	EA	30" x 42" Rectangle Aluminum Dormer Vents, 14/12 Slope	4,334.88	127.77
07 72 38 13-2085	EA	30" x 42" Rectangle Aluminum Dormer Vents, 13/12 Slope	4,466.22	127.77
07 72 38 13-2086	EA	30" x 42" Rectangle Aluminum Dormer Vents, 12/12 Slope	4,597.57	127.77
07 72 38 13-2087	EA	30" x 42" Rectangle Aluminum Dormer Vents, 11/12 Slope	4,728.92	127.77
07 72 38 13-2088	EA	30" x 42" Rectangle Aluminum Dormer Vents, 10/12 Slope	4,860.26	127.77
07 72 38 13-2089	EA	30" x 42" Rectangle Aluminum Dormer Vents, 9/12 Slope	4,991.61	127.77

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-2090	EA	30" x 42" Rectangle Aluminum Dormer Vents, 8/12 Slope	5,122.95	127.77
07 72 38 13-2091	EA	30" x 42" Rectangle Aluminum Dormer Vents, 7/12 Slope	5,254.30	127.77
07 72 38 13-2092	EA	30" x 42" Rectangle Aluminum Dormer Vents, 6/12 Slope	5,385.64	127.77
07 72 38 13-2093	EA	30" x 42" Rectangle Aluminum Dormer Vents, 5/12 Slope	5,516.99	127.77
07 72 38 13-2094	EA	36" x 48" Rectangle Aluminum Dormer Vents, 16/12 Slope	5,244.18	127.77
07 72 38 13-2095	EA	36" x 48" Rectangle Aluminum Dormer Vents, 15/12 Slope	5,392.55	139.00
07 72 38 13-2096	EA	36" x 48" Rectangle Aluminum Dormer Vents, 14/12 Slope	5,523.90	139.00
07 72 38 13-2097	EA	36" x 48" Rectangle Aluminum Dormer Vents, 13/12 Slope	5,655.24	139.00
07 72 38 13-2098	EA	36" x 48" Rectangle Aluminum Dormer Vents, 12/12 Slope	5,786.59	139.00
07 72 38 13-2099	EA	36" x 48" Rectangle Aluminum Dormer Vents, 11/12 Slope	5,917.93	139.00
07 72 38 13-2100	EA	36" x 48" Rectangle Aluminum Dormer Vents, 10/12 Slope	6,049.28	139.00
07 72 38 13-2101	EA	36" x 48" Rectangle Aluminum Dormer Vents, 9/12 Slope	6,180.62	139.00
07 72 38 13-2102	EA	36" x 48" Rectangle Aluminum Dormer Vents, 8/12 Slope	6,311.97	139.00
07 72 38 13-2103	EA	36" x 48" Rectangle Aluminum Dormer Vents, 7/12 Slope	6,443.32	139.00
07 72 38 13-2104	EA	36" x 48" Rectangle Aluminum Dormer Vents, 6/12 Slope	6,574.66	139.00
07 72 38 13-2105	EA	36" x 48" Rectangle Aluminum Dormer Vents, 5/12 Slope	6,706.01	139.00

07 72 38 13-2106 Tombstone Aluminum Roof Dormer Vent *(07 72 38 13-1814)*

07 72 38 13-2107	EA	12" x 18" Tombstone Aluminum Dormer Vents, 16/12 Slope	1,451.59	75.11
07 72 38 13-2108	EA	12" x 18" Tombstone Aluminum Dormer Vents, 15/12 Slope	1,666.70	75.11
07 72 38 13-2109	EA	12" x 18" Tombstone Aluminum Dormer Vents, 14/12 Slope	1,910.71	75.11
07 72 38 13-2110	EA	12" x 18" Tombstone Aluminum Dormer Vents, 13/12 Slope	2,093.71	75.11
07 72 38 13-2111	EA	12" x 18" Tombstone Aluminum Dormer Vents, 12/12 Slope	2,312.03	75.11
07 72 38 13-2112	EA	12" x 18" Tombstone Aluminum Dormer Vents, 11/12 Slope	2,523.93	75.11
07 72 38 13-2113	EA	12" x 18" Tombstone Aluminum Dormer Vents, 10/12 Slope	2,739.04	75.11
07 72 38 13-2114	EA	12" x 18" Tombstone Aluminum Dormer Vents, 9/12 Slope	2,954.15	75.11
07 72 38 13-2115	EA	12" x 18" Tombstone Aluminum Dormer Vents, 8/12 Slope	3,169.26	75.11
07 72 38 13-2116	EA	12" x 18" Tombstone Aluminum Dormer Vents, 7/12 Slope	3,381.16	75.11
07 72 38 13-2117	EA	12" x 18" Tombstone Aluminum Dormer Vents, 6/12 Slope	3,596.27	75.11
07 72 38 13-2118	EA	12" x 18" Tombstone Aluminum Dormer Vents, 5/12 Slope	3,811.38	75.11
07 72 38 13-2119	EA	15" x 21" Tombstone Aluminum Dormer Vents, 16/12 Slope	1,674.08	89.78
07 72 38 13-2120	EA	15" x 21" Tombstone Aluminum Dormer Vents, 15/12 Slope	1,889.19	89.78
07 72 38 13-2121	EA	15" x 21" Tombstone Aluminum Dormer Vents, 14/12 Slope	2,133.19	89.78
07 72 38 13-2122	EA	15" x 21" Tombstone Aluminum Dormer Vents, 13/12 Slope	2,316.20	89.78
07 72 38 13-2123	EA	15" x 21" Tombstone Aluminum Dormer Vents, 12/12 Slope	2,534.52	89.78
07 72 38 13-2124	EA	15" x 21" Tombstone Aluminum Dormer Vents, 11/12 Slope	2,746.42	89.78
07 72 38 13-2125	EA	15" x 21" Tombstone Aluminum Dormer Vents, 10/12 Slope	2,961.53	89.78
07 72 38 13-2126	EA	15" x 21" Tombstone Aluminum Dormer Vents, 9/12 Slope	3,176.64	89.78
07 72 38 13-2127	EA	15" x 21" Tombstone Aluminum Dormer Vents, 8/12 Slope	3,391.75	89.78
07 72 38 13-2128	EA	15" x 21" Tombstone Aluminum Dormer Vents, 7/12 Slope	3,603.65	89.78
07 72 38 13-2129	EA	15" x 21" Tombstone Aluminum Dormer Vents, 6/12 Slope	3,818.76	89.78
07 72 38 13-2130	EA	15" x 21" Tombstone Aluminum Dormer Vents, 5/12 Slope	4,033.87	89.78
07 72 38 13-2131	EA	18" x 27" Tombstone Aluminum Dormer Vents, 16/12 Slope	2,036.97	101.01
07 72 38 13-2132	EA	18" x 27" Tombstone Aluminum Dormer Vents, 15/12 Slope	2,252.08	101.01
07 72 38 13-2133	EA	18" x 27" Tombstone Aluminum Dormer Vents, 14/12 Slope	2,496.08	101.01
07 72 38 13-2134	EA	18" x 27" Tombstone Aluminum Dormer Vents, 13/12 Slope	2,679.09	101.01
07 72 38 13-2135	EA	18" x 27" Tombstone Aluminum Dormer Vents, 12/12 Slope	2,897.41	101.01
07 72 38 13-2136	EA	18" x 27" Tombstone Aluminum Dormer Vents, 11/12 Slope	3,109.31	101.01
07 72 38 13-2137	EA	18" x 27" Tombstone Aluminum Dormer Vents, 10/12 Slope	3,324.42	101.01
07 72 38 13-2138	EA	18" x 27" Tombstone Aluminum Dormer Vents, 9/12 Slope	3,539.53	101.01
07 72 38 13-2139	EA	18" x 27" Tombstone Aluminum Dormer Vents, 8/12 Slope	3,754.64	101.01
07 72 38 13-2140	EA	18" x 27" Tombstone Aluminum Dormer Vents, 7/12 Slope	3,966.54	101.01
07 72 38 13-2141	EA	18" x 27" Tombstone Aluminum Dormer Vents, 6/12 Slope	4,181.65	101.01
07 72 38 13-2142	EA	18" x 27" Tombstone Aluminum Dormer Vents, 5/12 Slope	4,396.76	101.01
07 72 38 13-2143	EA	24" x 36" Tombstone Aluminum Dormer Vents, 16/12 Slope	2,822.46	114.83
07 72 38 13-2144	EA	24" x 36" Tombstone Aluminum Dormer Vents, 15/12 Slope	3,037.57	114.83
07 72 38 13-2145	EA	24" x 36" Tombstone Aluminum Dormer Vents, 14/12 Slope	3,281.57	114.83
07 72 38 13-2146	EA	24" x 36" Tombstone Aluminum Dormer Vents, 13/12 Slope	3,464.58	114.83
07 72 38 13-2147	EA	24" x 36" Tombstone Aluminum Dormer Vents, 12/12 Slope	3,682.90	114.83
07 72 38 13-2148	EA	24" x 36" Tombstone Aluminum Dormer Vents, 11/12 Slope	3,894.80	114.83
07 72 38 13-2149	EA	24" x 36" Tombstone Aluminum Dormer Vents, 10/12 Slope	4,109.91	114.83
07 72 38 13-2150	EA	24" x 36" Tombstone Aluminum Dormer Vents, 9/12 Slope	4,325.02	114.83
07 72 38 13-2151	EA	24" x 36" Tombstone Aluminum Dormer Vents, 8/12 Slope	4,540.13	114.83
07 72 38 13-2152	EA	24" x 36" Tombstone Aluminum Dormer Vents, 7/12 Slope	4,752.03	114.83
07 72 38 13-2153	EA	24" x 36" Tombstone Aluminum Dormer Vents, 6/12 Slope	4,967.14	114.83
07 72 38 13-2154	EA	24" x 36" Tombstone Aluminum Dormer Vents, 5/12 Slope	5,182.25	114.83
07 72 38 13-2155	EA	30" x 42" Tombstone Aluminum Dormer Vents, 16/12 Slope	3,643.06	127.77
07 72 38 13-2156	EA	30" x 42" Tombstone Aluminum Dormer Vents, 15/12 Slope	3,858.17	127.77
07 72 38 13-2157	EA	30" x 42" Tombstone Aluminum Dormer Vents, 14/12 Slope	4,102.17	127.77
07 72 38 13-2158	EA	30" x 42" Tombstone Aluminum Dormer Vents, 13/12 Slope	4,285.18	127.77
07 72 38 13-2159	EA	30" x 42" Tombstone Aluminum Dormer Vents, 12/12 Slope	4,503.50	127.77
07 72 38 13-2160	EA	30" x 42" Tombstone Aluminum Dormer Vents, 11/12 Slope	4,715.40	127.77
07 72 38 13-2161	EA	30" x 42" Tombstone Aluminum Dormer Vents, 10/12 Slope	4,930.51	127.77
07 72 38 13-2162	EA	30" x 42" Tombstone Aluminum Dormer Vents, 9/12 Slope	5,145.62	127.77
07 72 38 13-2163	EA	30" x 42" Tombstone Aluminum Dormer Vents, 8/12 Slope	5,360.73	127.77
07 72 38 13-2164	EA	30" x 42" Tombstone Aluminum Dormer Vents, 7/12 Slope	5,572.63	127.77
07 72 38 13-2165	EA	30" x 42" Tombstone Aluminum Dormer Vents, 6/12 Slope	5,787.74	127.77
07 72 38 13-2166	EA	30" x 42" Tombstone Aluminum Dormer Vents, 5/12 Slope	6,002.85	127.77
07 72 38 13-2167	EA	36" x 48" Tombstone Aluminum Dormer Vents, 16/12 Slope	4,589.67	127.77
07 72 38 13-2168	EA	36" x 48" Tombstone Aluminum Dormer Vents, 15/12 Slope	4,821.80	139.00

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-2169	EA	36" x 48" Tombstone Aluminum Dormer Vents, 14/12 Slope	5,065.81	139.00
07 72 38 13-2170	EA	36" x 48" Tombstone Aluminum Dormer Vents, 13/12 Slope	5,248.81	139.00
07 72 38 13-2171	EA	36" x 48" Tombstone Aluminum Dormer Vents, 12/12 Slope	5,467.13	139.00
07 72 38 13-2172	EA	36" x 48" Tombstone Aluminum Dormer Vents, 11/12 Slope	5,679.03	139.00
07 72 38 13-2173	EA	36" x 48" Tombstone Aluminum Dormer Vents, 10/12 Slope	5,894.14	139.00
07 72 38 13-2174	EA	36" x 48" Tombstone Aluminum Dormer Vents, 9/12 Slope	6,109.25	139.00
07 72 38 13-2175	EA	36" x 48" Tombstone Aluminum Dormer Vents, 8/12 Slope	6,324.36	139.00
07 72 38 13-2176	EA	36" x 48" Tombstone Aluminum Dormer Vents, 7/12 Slope	6,536.26	139.00
07 72 38 13-2177	EA	36" x 48" Tombstone Aluminum Dormer Vents, 6/12 Slope	6,751.37	139.00
07 72 38 13-2178	EA	36" x 48" Tombstone Aluminum Dormer Vents, 5/12 Slope	6,966.48	139.00
07 72 38 13-2179		**Arched Top Aluminum Roof Dormer Vent** *(07 72 38 13-1814)*		
07 72 38 13-2180	EA	12" x 15" Arched Top Aluminum Dormer Vents, 16/12 Slope	1,384.01	75.11
07 72 38 13-2181	EA	12" x 15" Arched Top Aluminum Dormer Vents, 15/12 Slope	1,581.01	75.11
07 72 38 13-2182	EA	12" x 15" Arched Top Aluminum Dormer Vents, 14/12 Slope	1,778.01	75.11
07 72 38 13-2183	EA	12" x 15" Arched Top Aluminum Dormer Vents, 13/12 Slope	1,975.02	75.11
07 72 38 13-2184	EA	12" x 15" Arched Top Aluminum Dormer Vents, 12/12 Slope	2,172.02	75.11
07 72 38 13-2185	EA	12" x 15" Arched Top Aluminum Dormer Vents, 11/12 Slope	2,369.02	75.11
07 72 38 13-2186	EA	12" x 15" Arched Top Aluminum Dormer Vents, 10/12 Slope	2,566.02	75.11
07 72 38 13-2187	EA	12" x 15" Arched Top Aluminum Dormer Vents, 9/12 Slope	2,763.03	75.11
07 72 38 13-2188	EA	12" x 15" Arched Top Aluminum Dormer Vents, 8/12 Slope	2,960.03	75.11
07 72 38 13-2189	EA	12" x 15" Arched Top Aluminum Dormer Vents, 7/12 Slope	3,157.03	75.11
07 72 38 13-2190	EA	12" x 15" Arched Top Aluminum Dormer Vents, 6/12 Slope	3,354.03	75.11
07 72 38 13-2191	EA	12" x 15" Arched Top Aluminum Dormer Vents, 5/12 Slope	3,551.04	75.11
07 72 38 13-2192	EA	15" x 18.75" Arched Top Aluminum Dormer Vents, 16/12 Slope	1,617.54	89.78
07 72 38 13-2193	EA	15" x 18.75" Arched Top Aluminum Dormer Vents, 15/12 Slope	1,814.54	89.78
07 72 38 13-2194	EA	15" x 18.75" Arched Top Aluminum Dormer Vents, 14/12 Slope	2,011.54	89.78
07 72 38 13-2195	EA	15" x 18.75" Arched Top Aluminum Dormer Vents, 13/12 Slope	2,208.55	89.78
07 72 38 13-2196	EA	15" x 18.75" Arched Top Aluminum Dormer Vents, 12/12 Slope	2,405.55	89.78
07 72 38 13-2197	EA	15" x 18.75" Arched Top Aluminum Dormer Vents, 11/12 Slope	2,602.55	89.78
07 72 38 13-2198	EA	15" x 18.75" Arched Top Aluminum Dormer Vents, 10/12 Slope	2,799.55	89.78
07 72 38 13-2199	EA	15" x 18.75" Arched Top Aluminum Dormer Vents, 9/12 Slope	2,996.56	89.78
07 72 38 13-2200	EA	15" x 18.75" Arched Top Aluminum Dormer Vents, 8/12 Slope	3,193.56	89.78
07 72 38 13-2201	EA	15" x 18.75" Arched Top Aluminum Dormer Vents, 7/12 Slope	3,390.56	89.78
07 72 38 13-2202	EA	15" x 18.75" Arched Top Aluminum Dormer Vents, 6/12 Slope	3,587.56	89.78
07 72 38 13-2203	EA	15" x 18.75" Arched Top Aluminum Dormer Vents, 5/12 Slope	3,784.57	89.78
07 72 38 13-2204	EA	18" x 22.5" Arched Top Aluminum Dormer Vents, 16/12 Slope	1,892.81	101.01
07 72 38 13-2205	EA	18" x 22.5" Arched Top Aluminum Dormer Vents, 15/12 Slope	2,089.81	101.01
07 72 38 13-2206	EA	18" x 22.5" Arched Top Aluminum Dormer Vents, 14/12 Slope	2,286.81	101.01
07 72 38 13-2207	EA	18" x 22.5" Arched Top Aluminum Dormer Vents, 13/12 Slope	2,483.82	101.01
07 72 38 13-2208	EA	18" x 22.5" Arched Top Aluminum Dormer Vents, 12/12 Slope	2,680.82	101.01
07 72 38 13-2209	EA	18" x 22.5" Arched Top Aluminum Dormer Vents, 11/12 Slope	2,877.82	101.01
07 72 38 13-2210	EA	18" x 22.5" Arched Top Aluminum Dormer Vents, 10/12 Slope	3,074.82	101.01
07 72 38 13-2211	EA	18" x 22.5" Arched Top Aluminum Dormer Vents, 9/12 Slope	1,816.77	100.72
07 72 38 13-2212	EA	18" x 22.5" Arched Top Aluminum Dormer Vents, 8/12 Slope	1,921.86	100.72
07 72 38 13-2213	EA	18" x 22.5" Arched Top Aluminum Dormer Vents, 7/12 Slope	2,026.95	100.72
07 72 38 13-2214	EA	18" x 22.5" Arched Top Aluminum Dormer Vents, 6/12 Slope	2,132.04	100.72
07 72 38 13-2215	EA	18" x 22.5" Arched Top Aluminum Dormer Vents, 5/12 Slope	2,237.13	100.72
07 72 38 13-2216	EA	24" x 30" Arched Top Aluminum Dormer Vents, 16/12 Slope	1,452.72	115.11
07 72 38 13-2217	EA	24" x 30" Arched Top Aluminum Dormer Vents, 15/12 Slope	1,557.81	115.11
07 72 38 13-2218	EA	24" x 30" Arched Top Aluminum Dormer Vents, 14/12 Slope	1,662.91	115.11
07 72 38 13-2219	EA	24" x 30" Arched Top Aluminum Dormer Vents, 13/12 Slope	1,768.00	115.11
07 72 38 13-2220	EA	24" x 30" Arched Top Aluminum Dormer Vents, 12/12 Slope	1,873.09	115.11
07 72 38 13-2221	EA	24" x 30" Arched Top Aluminum Dormer Vents, 11/12 Slope	1,978.18	115.11
07 72 38 13-2222	EA	24" x 30" Arched Top Aluminum Dormer Vents, 10/12 Slope	2,083.27	115.11
07 72 38 13-2223	EA	24" x 30" Arched Top Aluminum Dormer Vents, 9/12 Slope	2,188.36	115.11
07 72 38 13-2224	EA	24" x 30" Arched Top Aluminum Dormer Vents, 8/12 Slope	2,293.45	115.11
07 72 38 13-2225	EA	24" x 30" Arched Top Aluminum Dormer Vents, 7/12 Slope	2,398.54	115.11
07 72 38 13-2226	EA	24" x 30" Arched Top Aluminum Dormer Vents, 6/12 Slope	2,503.64	115.11
07 72 38 13-2227	EA	24" x 30" Arched Top Aluminum Dormer Vents, 5/12 Slope	2,608.73	115.11
07 72 38 13-2228	EA	30" x 37.5" Arched Top Aluminum Dormer Vents, 16/12 Slope	1,923.21	128.20
07 72 38 13-2229	EA	30" x 37.5" Arched Top Aluminum Dormer Vents, 15/12 Slope	2,028.30	128.20
07 72 38 13-2230	EA	30" x 37.5" Arched Top Aluminum Dormer Vents, 14/12 Slope	2,133.39	128.20
07 72 38 13-2231	EA	30" x 37.5" Arched Top Aluminum Dormer Vents, 13/12 Slope	2,238.49	128.20
07 72 38 13-2232	EA	30" x 37.5" Arched Top Aluminum Dormer Vents, 12/12 Slope	2,343.58	128.20
07 72 38 13-2233	EA	30" x 37.5" Arched Top Aluminum Dormer Vents, 11/12 Slope	2,448.67	128.20
07 72 38 13-2234	EA	30" x 37.5" Arched Top Aluminum Dormer Vents, 10/12 Slope	2,553.76	128.20
07 72 38 13-2235	EA	30" x 37.5" Arched Top Aluminum Dormer Vents, 9/12 Slope	2,658.85	128.20
07 72 38 13-2236	EA	30" x 37.5" Arched Top Aluminum Dormer Vents, 8/12 Slope	2,763.94	128.20
07 72 38 13-2237	EA	30" x 37.5" Arched Top Aluminum Dormer Vents, 7/12 Slope	2,869.03	128.20
07 72 38 13-2238	EA	30" x 37.5" Arched Top Aluminum Dormer Vents, 6/12 Slope	2,974.12	128.20
07 72 38 13-2239	EA	30" x 37.5" Arched Top Aluminum Dormer Vents, 5/12 Slope	3,079.22	128.20
07 72 38 13-2240	EA	36" x 45" Arched Top Aluminum Dormer Vents, 16/12 Slope	2,474.27	128.20
07 72 38 13-2241	EA	36" x 45" Arched Top Aluminum Dormer Vents, 15/12 Slope	2,596.38	138.66
07 72 38 13-2242	EA	36" x 45" Arched Top Aluminum Dormer Vents, 14/12 Slope	2,701.48	138.66
07 72 38 13-2243	EA	36" x 45" Arched Top Aluminum Dormer Vents, 13/12 Slope	2,806.57	138.66
07 72 38 13-2244	EA	36" x 45" Arched Top Aluminum Dormer Vents, 12/12 Slope	2,911.66	138.66
07 72 38 13-2245	EA	36" x 45" Arched Top Aluminum Dormer Vents, 11/12 Slope	3,016.75	138.66
07 72 38 13-2246	EA	36" x 45" Arched Top Aluminum Dormer Vents, 10/12 Slope	3,121.84	138.66
07 72 38 13-2247	EA	36" x 45" Arched Top Aluminum Dormer Vents, 9/12 Slope	3,226.93	138.66

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-2248	EA	36" x 45" Arched Top Aluminum Dormer Vents, 8/12 Slope	3,332.02	138.66
07 72 38 13-2249	EA	36" x 45" Arched Top Aluminum Dormer Vents, 7/12 Slope	3,437.11	138.66
07 72 38 13-2250	EA	36" x 45" Arched Top Aluminum Dormer Vents, 6/12 Slope	3,542.21	138.66
07 72 38 13-2251	EA	36" x 45" Arched Top Aluminum Dormer Vents, 5/12 Slope	3,647.30	138.66
07 72 38 13-2252		**Hipped Roof Aluminum Roof Dormer Vent** *(07 72 38 13-1814)*		
07 72 38 13-2253	EA	12" x 18" Hipped Roof Aluminum Dormer Vents, 16/12 Slope	615.50	75.11
07 72 38 13-2254	EA	12" x 18" Hipped Roof Aluminum Dormer Vents, 15/12 Slope	705.02	75.11
07 72 38 13-2255	EA	12" x 18" Hipped Roof Aluminum Dormer Vents, 14/12 Slope	794.55	75.11
07 72 38 13-2256	EA	12" x 18" Hipped Roof Aluminum Dormer Vents, 13/12 Slope	884.07	75.11
07 72 38 13-2257	EA	12" x 18" Hipped Roof Aluminum Dormer Vents, 12/12 Slope	973.59	75.11
07 72 38 13-2258	EA	12" x 18" Hipped Roof Aluminum Dormer Vents, 11/12 Slope	1,063.12	75.11
07 72 38 13-2259	EA	12" x 18" Hipped Roof Aluminum Dormer Vents, 10/12 Slope	1,152.64	75.11
07 72 38 13-2260	EA	12" x 18" Hipped Roof Aluminum Dormer Vents, 9/12 Slope	1,242.16	75.11
07 72 38 13-2261	EA	12" x 18" Hipped Roof Aluminum Dormer Vents, 8/12 Slope	1,331.68	75.11
07 72 38 13-2262	EA	12" x 18" Hipped Roof Aluminum Dormer Vents, 7/12 Slope	1,421.21	75.11
07 72 38 13-2263	EA	12" x 18" Hipped Roof Aluminum Dormer Vents, 6/12 Slope	1,510.73	75.11
07 72 38 13-2264	EA	12" x 18" Hipped Roof Aluminum Dormer Vents, 5/12 Slope	1,600.25	75.11
07 72 38 13-2265	EA	15" x 21" Hipped Roof Aluminum Dormer Vents, 16/12 Slope	736.08	89.78
07 72 38 13-2266	EA	15" x 21" Hipped Roof Aluminum Dormer Vents, 15/12 Slope	825.61	89.78
07 72 38 13-2267	EA	15" x 21" Hipped Roof Aluminum Dormer Vents, 14/12 Slope	915.13	89.78
07 72 38 13-2268	EA	15" x 21" Hipped Roof Aluminum Dormer Vents, 13/12 Slope	1,004.65	89.78
07 72 38 13-2269	EA	15" x 21" Hipped Roof Aluminum Dormer Vents, 12/12 Slope	1,094.18	89.78
07 72 38 13-2270	EA	15" x 21" Hipped Roof Aluminum Dormer Vents, 11/12 Slope	1,183.70	89.78
07 72 38 13-2271	EA	15" x 21" Hipped Roof Aluminum Dormer Vents, 10/12 Slope	1,273.22	89.78
07 72 38 13-2272	EA	15" x 21" Hipped Roof Aluminum Dormer Vents, 9/12 Slope	1,362.74	89.78
07 72 38 13-2273	EA	15" x 21" Hipped Roof Aluminum Dormer Vents, 8/12 Slope	1,452.27	89.78
07 72 38 13-2274	EA	15" x 21" Hipped Roof Aluminum Dormer Vents, 7/12 Slope	1,541.79	89.78
07 72 38 13-2275	EA	15" x 21" Hipped Roof Aluminum Dormer Vents, 6/12 Slope	1,631.31	89.78
07 72 38 13-2276	EA	15" x 21" Hipped Roof Aluminum Dormer Vents, 5/12 Slope	1,720.84	89.78
07 72 38 13-2277	EA	18" x 27" Hipped Roof Aluminum Dormer Vents, 16/12 Slope	922.96	101.01
07 72 38 13-2278	EA	18" x 27" Hipped Roof Aluminum Dormer Vents, 15/12 Slope	1,012.48	101.01
07 72 38 13-2279	EA	18" x 27" Hipped Roof Aluminum Dormer Vents, 14/12 Slope	1,102.01	101.01
07 72 38 13-2280	EA	18" x 27" Hipped Roof Aluminum Dormer Vents, 13/12 Slope	1,191.53	101.01
07 72 38 13-2281	EA	18" x 27" Hipped Roof Aluminum Dormer Vents, 12/12 Slope	1,281.05	101.01
07 72 38 13-2282	EA	18" x 27" Hipped Roof Aluminum Dormer Vents, 11/12 Slope	1,370.57	101.01
07 72 38 13-2283	EA	18" x 27" Hipped Roof Aluminum Dormer Vents, 10/12 Slope	1,460.10	101.01
07 72 38 13-2284	EA	18" x 27" Hipped Roof Aluminum Dormer Vents, 9/12 Slope	1,549.62	101.01
07 72 38 13-2285	EA	18" x 27" Hipped Roof Aluminum Dormer Vents, 8/12 Slope	1,639.14	101.01
07 72 38 13-2286	EA	18" x 27" Hipped Roof Aluminum Dormer Vents, 7/12 Slope	1,728.67	101.01
07 72 38 13-2287	EA	18" x 27" Hipped Roof Aluminum Dormer Vents, 6/12 Slope	1,818.19	101.01
07 72 38 13-2288	EA	18" x 27" Hipped Roof Aluminum Dormer Vents, 5/12 Slope	1,907.71	101.01
07 72 38 13-2289	EA	24" x 36" Hipped Roof Aluminum Dormer Vents, 16/12 Slope	1,319.37	114.83
07 72 38 13-2290	EA	24" x 36" Hipped Roof Aluminum Dormer Vents, 15/12 Slope	1,408.90	114.83
07 72 38 13-2291	EA	24" x 36" Hipped Roof Aluminum Dormer Vents, 14/12 Slope	1,498.42	114.83
07 72 38 13-2292	EA	24" x 36" Hipped Roof Aluminum Dormer Vents, 13/12 Slope	1,587.94	114.83
07 72 38 13-2293	EA	24" x 36" Hipped Roof Aluminum Dormer Vents, 12/12 Slope	1,677.46	114.83
07 72 38 13-2294	EA	24" x 36" Hipped Roof Aluminum Dormer Vents, 11/12 Slope	1,766.99	114.83
07 72 38 13-2295	EA	24" x 36" Hipped Roof Aluminum Dormer Vents, 10/12 Slope	1,856.51	114.83
07 72 38 13-2296	EA	24" x 36" Hipped Roof Aluminum Dormer Vents, 9/12 Slope	1,946.03	114.83
07 72 38 13-2297	EA	24" x 36" Hipped Roof Aluminum Dormer Vents, 8/12 Slope	2,035.55	114.83
07 72 38 13-2298	EA	24" x 36" Hipped Roof Aluminum Dormer Vents, 7/12 Slope	2,125.08	114.83
07 72 38 13-2299	EA	24" x 36" Hipped Roof Aluminum Dormer Vents, 6/12 Slope	2,214.60	114.83
07 72 38 13-2300	EA	24" x 36" Hipped Roof Aluminum Dormer Vents, 5/12 Slope	2,304.12	114.83
07 72 38 13-2301	EA	30" x 42" Hipped Roof Aluminum Dormer Vents, 16/12 Slope	1,732.37	127.77
07 72 38 13-2302	EA	30" x 42" Hipped Roof Aluminum Dormer Vents, 15/12 Slope	1,821.89	127.77
07 72 38 13-2303	EA	30" x 42" Hipped Roof Aluminum Dormer Vents, 14/12 Slope	1,911.41	127.77
07 72 38 13-2304	EA	30" x 42" Hipped Roof Aluminum Dormer Vents, 13/12 Slope	2,000.93	127.77
07 72 38 13-2305	EA	30" x 42" Hipped Roof Aluminum Dormer Vents, 12/12 Slope	2,090.46	127.77
07 72 38 13-2306	EA	30" x 42" Hipped Roof Aluminum Dormer Vents, 11/12 Slope	2,179.98	127.77
07 72 38 13-2307	EA	30" x 42" Hipped Roof Aluminum Dormer Vents, 10/12 Slope	2,269.50	127.77
07 72 38 13-2308	EA	30" x 42" Hipped Roof Aluminum Dormer Vents, 9/12 Slope	2,359.03	127.77
07 72 38 13-2309	EA	30" x 42" Hipped Roof Aluminum Dormer Vents, 8/12 Slope	2,448.55	127.77
07 72 38 13-2310	EA	30" x 42" Hipped Roof Aluminum Dormer Vents, 7/12 Slope	2,538.07	127.77
07 72 38 13-2311	EA	30" x 42" Hipped Roof Aluminum Dormer Vents, 6/12 Slope	2,627.59	127.77
07 72 38 13-2312	EA	30" x 42" Hipped Roof Aluminum Dormer Vents, 5/12 Slope	2,717.12	127.77
07 72 38 13-2313	EA	36" x 48" Hipped Roof Aluminum Dormer Vents, 16/12 Slope	2,197.26	127.77
07 72 38 13-2314	EA	36" x 48" Hipped Roof Aluminum Dormer Vents, 15/12 Slope	2,303.80	139.00
07 72 38 13-2315	EA	36" x 48" Hipped Roof Aluminum Dormer Vents, 14/12 Slope	2,393.33	139.00
07 72 38 13-2316	EA	36" x 48" Hipped Roof Aluminum Dormer Vents, 13/12 Slope	2,482.85	139.00
07 72 38 13-2317	EA	36" x 48" Hipped Roof Aluminum Dormer Vents, 12/12 Slope	2,572.37	139.00
07 72 38 13-2318	EA	36" x 48" Hipped Roof Aluminum Dormer Vents, 11/12 Slope	2,661.89	139.00
07 72 38 13-2319	EA	36" x 48" Hipped Roof Aluminum Dormer Vents, 10/12 Slope	2,751.42	139.00
07 72 38 13-2320	EA	36" x 48" Hipped Roof Aluminum Dormer Vents, 9/12 Slope	2,840.94	139.00
07 72 38 13-2321	EA	36" x 48" Hipped Roof Aluminum Dormer Vents, 8/12 Slope	2,930.46	139.00
07 72 38 13-2322	EA	36" x 48" Hipped Roof Aluminum Dormer Vents, 7/12 Slope	3,019.99	139.00
07 72 38 13-2323	EA	36" x 48" Hipped Roof Aluminum Dormer Vents, 6/12 Slope	3,109.51	139.00
07 72 38 13-2324	EA	36" x 48" Hipped Roof Aluminum Dormer Vents, 5/12 Slope	3,199.03	139.00

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 46		**Roof Walkways** *(07 72)*		
07 72 46 00-0001		Recycled Rubber Walkway Pads *(07 72 46)*		
07 72 46 00-0002	SF	3/8" Thick, Button Surface, Recycled Rubber Walkway Pad	13.28	3.21
		For Diamond Surface, Add	*1.16*	
07 72 46 00-0003	SF	1/2" Thick, Button Surface, Recycled Rubber Walkway Pad	14.80	3.85
		For Diamond Surface, Add	*1.35*	
07 72 46 00-0004	SF	3/4" Thick, Button Surface, Recycled Rubber Walkway Pad	16.33	3.85
		For Diamond Surface, Add	*1.51*	
07 72 63		**Waste Containment Assemblies** *(07 72)*		
07 72 63 00-0001		Rooftop Oil And Grease Containment System *(07 72 63)*		
07 72 63 00-0002		Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD-E) *(07 72 63 00-0001)*		
07 72 63 00-0003	EA	48" Length, 48" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD100-E)	3,272.22	266.18
07 72 63 00-0004	EA	60" Length, 60" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD101-E)	3,651.00	266.18
07 72 63 00-0005	EA	60" Length, 90" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD106-E)	4,469.10	276.83
07 72 63 00-0006	EA	72" Length, 72" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD102-E)	4,447.45	276.83
07 72 63 00-0007	EA	72" Length, 108" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD103-E)	5,796.79	299.46
07 72 63 00-0008	EA	72" Length, 144" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD111-E)	4,535.64	299.46
07 72 63 00-0009	EA	90" Length, 90" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD105-E)	5,059.25	354.82
07 72 63 00-0010	EA	108" Length, 108" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD112-E)	7,436.36	443.59
07 72 63 00-0011	EA	120" Length, 120" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD107-E)	9,211.70	443.59
07 72 63 00-0012	EA	144" Length, 144" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD113-E)	11,647.39	443.59
07 72 63 00-0013		Heavy-Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD) *(07 72 63 00-0001)*		
07 72 63 00-0014	EA	48" Length, 48" Width, 3.5" Height, Heavy-Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD100)	4,013.64	266.18
07 72 63 00-0015	EA	60" Length, 60" Width, 3.5" Height, Heavy-Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD101)	4,506.21	266.18
07 72 63 00-0016	EA	60" Length, 90" Width, 3.5" Height, Heavy-Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD106)	5,557.05	276.83
07 72 63 00-0017	EA	72" Length, 72" Width, 3.5" Height, Heavy-Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD102)	5,654.50	276.83
07 72 63 00-0018	EA	72" Length, 108" Width, 3.5" Height, Heavy-Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD103)	8,053.87	299.46
07 72 63 00-0019	EA	72" Length, 144" Width, 3.5" Height, Heavy-Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD111)	8,827.88	299.46
07 72 63 00-0020	EA	90" Length, 90" Width, 3.5" Height, Heavy-Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD105)	8,220.24	354.82
07 72 63 00-0021	EA	108" Length, 108" Width, 3.5" Height, Heavy-Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD112)	9,265.83	443.59
07 72 63 00-0022	EA	120" Length, 120" Width, 3.5" Height, Heavy-Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD107)	11,577.02	443.59
07 72 63 00-0023	EA	144" Length, 144" Width, 3.5" Height, Heavy-Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD113)	14,743.41	443.59
07 72 63 00-0024		Replacement Filter Sets For Rooftop Oil And Grease Containment System *(07 72 63)* Note: Includes removing old filters and installing new filters.		
07 72 63 00-0025		Top And Center Replacement Filter Sets For Rooftop Oil And Grease Containment System *(07 72 63 00-0024)*		
07 72 63 00-0026		Light Duty, Top And Center Replacement Filter Sets For Rooftop Oil And Grease Containment System *(07 72 63 00-0025)*		
07 72 63 00-0027	SET	48" Length, 48" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL100-E)	268.50	
07 72 63 00-0028	SET	60" Length, 60" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL101-E)	376.76	
07 72 63 00-0029	SET	60" Length, 90" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL106-E)	539.12	
07 72 63 00-0030	SET	72" Length, 72" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL102-E)	498.31	
07 72 63 00-0031	SET	72" Length, 108" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL103-E)	931.33	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 63 00-0032	SET	72" Length, 144" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL111-E)	942.14	
07 72 63 00-0033	SET	90" Length, 90" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL105-E)	728.13	
07 72 63 00-0034	SET	108" Length, 108" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL112-E)	944.64	
07 72 63 00-0035	SET	120" Length, 120" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL107-E)	1,383.06	
07 72 63 00-0036	SET	144" Length, 144" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL113-E)	1,821.49	

07 72 63 00-0037 Complete Replacement Filter Sets For Rooftop Oil And Grease Containment System *(07 72 63 00-0024)*

07 72 63 00-0038 Light Duty, Complete Replacement Filter Sets For Rooftop Oil And Grease Containment System *(07 72 63 00-0037)*

07 72 63 00-0039	SET	48" Length, 48" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL100-EC)	559.09	
07 72 63 00-0040	SET	60" Length, 60" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL101-EC)	743.13	
07 72 63 00-0041	SET	60" Length, 90" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL106-EC)	1,078.72	
07 72 63 00-0042	SET	72" Length, 72" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL102-EC)	1,005.41	
07 72 63 00-0043	SET	72" Length, 108" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL103-EC)	1,930.97	
07 72 63 00-0044	SET	72" Length, 144" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL111-EC)	1,941.79	
07 72 63 00-0045	SET	90" Length, 90" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL105-EC)	1,440.90	
07 72 63 00-0046	SET	108" Length, 108" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL112-EC)	1,944.28	
07 72 63 00-0047	SET	120" Length, 120" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL107-EC)	2,848.19	
07 72 63 00-0048	SET	144" Length, 144" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL113-EC)	3,789.99	

07 72 63 00-0049 Heavy-Duty, Complete Replacement Filter Sets For Rooftop Oil And Grease Containment System *(07 72 63 00-0037)*

07 72 63 00-0050	SET	48" Length, 48" Width, 3.5" Height, Heavy-Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL100-C)	694.42	
07 72 63 00-0051	SET	60" Length, 60" Width, 3.5" Height, Heavy-Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL101-C)	862.22	
07 72 63 00-0052	SET	60" Length, 90" Width, 3.5" Height, Heavy-Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL106-C)	1,262.74	
07 72 63 00-0053	SET	72" Length, 72" Width, 3.5" Height, Heavy-Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL102-C)	1,194.86	
07 72 63 00-0054	SET	72" Length, 108" Width, 3.5" Height, Heavy-Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL103-C)	2,326.09	
07 72 63 00-0055	SET	72" Length, 144" Width, 3.5" Height, Heavy-Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL111-C)	2,315.27	
07 72 63 00-0056	SET	90" Length, 90" Width, 3.5" Height, Heavy-Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL105-C)	1,689.90	
07 72 63 00-0057	SET	108" Length, 108" Width, 3.5" Height, Heavy-Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL112-C)	2,339.40	
07 72 63 00-0058	SET	120" Length, 120" Width, 3.5" Height, Heavy-Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL107-C)	3,281.20	
07 72 63 00-0059	SET	144" Length, 144" Width, 3.5" Height, Heavy-Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL113-C)	4,564.01	

07 73 Roof Protection Board *(07 70)*

07 73 00 00-0001 Roof Protection Board *(07 73)*

Note: Use these items for specified related installations with systems per CSI section 07 50 00. Items are for single layer of panels attached per FM I-90 requirements.

07 73 00 00-0002 Cold Adhesive Applied, Roof Protection Board (Georgia-Pacific DensDeck®) *(07 73 00 00-0001)*

07 73 00 00-0003	SF	1/4" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck®)	4.40	0.67
		For No Adhesive, Deduct	*-0.97*	
07 73 00 00-0004	SF	1/2" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck®)	4.96	0.74
		For No Adhesive, Deduct	*-1.00*	
07 73 00 00-0005	SF	5/8" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck®)	5.24	0.80
		For No Adhesive, Deduct	*-1.02*	
07 73 00 00-0006	SF	1/4" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck® Prime)	4.46	0.67
		For No Adhesive, Deduct	*-0.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 73 00 00-0007	SF	1/2" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck® Prime)	5.05	0.74
		For No Adhesive, Deduct	*-1.00*	
07 73 00 00-0008	SF	5/8" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck® Prime)	5.33	0.80
		For No Adhesive, Deduct	*-1.02*	
07 73 00 00-0009		Hot-Mopped, Roof Protection Board (Georgia-Pacific DensDeck®) *(07 73 00 00-0001)*		
07 73 00 00-0010	SF	1/4" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck®)	4.23	0.67
07 73 00 00-0011	SF	1/2" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck®)	4.83	0.74
07 73 00 00-0012	SF	5/8" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck®)	5.13	0.80
07 73 00 00-0013	SF	1/4" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck® Prime)	4.29	0.67
07 73 00 00-0014	SF	1/2" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck® Prime)	4.92	0.74
07 73 00 00-0015	SF	5/8" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck® Prime)	5.22	0.80
07 73 00 00-0016		Mechanically Fastened, Roof Protection Board (Georgia-Pacific DensDeck®) *(07 73 00 00-0001)*		
		Note: Mechanically fastened to wood or steel.		
07 73 00 00-0017	SF	1/4" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck®)	4.20	0.67
		For Mechanically Fastened To Concrete, Add	*1.78*	
		For Mechanically Fastened To Gypsum, Add	*2.30*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.16*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.81*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.30*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.21*	
07 73 00 00-0018	SF	1/2" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck®)	4.76	0.74
		For Mechanically Fastened To Concrete, Add	*1.78*	
		For Mechanically Fastened To Gypsum, Add	*2.30*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.25*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.81*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.39*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.21*	
07 73 00 00-0019	SF	5/8" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck®)	5.04	0.80
		For Mechanically Fastened To Concrete, Add	*1.78*	
		For Mechanically Fastened To Gypsum, Add	*2.30*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.33*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.81*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.47*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.21*	
07 73 00 00-0020	SF	1/4" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck® Prime)	4.26	0.67
		For Mechanically Fastened To Concrete, Add	*1.78*	
		For Mechanically Fastened To Gypsum, Add	*2.30*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.16*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.81*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.30*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.21*	
07 73 00 00-0021	SF	1/2" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck® Prime)	4.85	0.74
		For Mechanically Fastened To Concrete, Add	*1.78*	
		For Mechanically Fastened To Gypsum, Add	*2.30*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.25*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.81*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.39*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.21*	
07 73 00 00-0022	SF	5/8" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck® Prime)	5.13	0.80
		For Mechanically Fastened To Concrete, Add	*1.78*	
		For Mechanically Fastened To Gypsum, Add	*2.30*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.33*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.81*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.17*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.47*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

07 76 Roof Pavers *(07 70)*

07 76 16 Roof Decking Pavers *(07 76)*

07 76 16 00-0001 Roof Pavers *(07 76 16)*

Note: For walkway application over roofing system.

07 76 16 00-0002	SF	Up To 100 SF, 2" Concrete Roof Paver	13.25	8.35
		For 1-1/2" Thickness, Deduct	*-1.33*	
		For 2-1/2" Thickness, Add	*1.44*	
		For 3" Thickness, Add	*2.88*	
07 76 16 00-0003	SF	>100 To 200 SF, 2" Concrete Roof Paver	11.84	6.29
		For 1-1/2" Thickness, Deduct	*-1.18*	
		For 2-1/2" Thickness, Add	*1.29*	
		For 3" Thickness, Add	*2.59*	
07 76 16 00-0004	SF	>200 To 400 SF, 2" Concrete Roof Paver	11.08	5.01
		For 1-1/2" Thickness, Deduct	*-1.11*	
		For 2-1/2" Thickness, Add	*1.21*	
		For 3" Thickness, Add	*2.43*	
07 76 16 00-0005	SF	>400 To 1,000 SF, 2" Concrete Roof Paver	10.63	4.37
		For 1-1/2" Thickness, Deduct	*-1.06*	
		For 2-1/2" Thickness, Add	*1.16*	
		For 3" Thickness, Add	*2.32*	
07 76 16 00-0006	SF	>1,000 SF, 2" Concrete Roof Paver	10.06	3.98
		For 1-1/2" Thickness, Deduct	*-1.01*	
		For 2-1/2" Thickness, Add	*1.10*	
		For 3" Thickness, Add	*2.20*	

07 76 16 00-0007 Roof Paver Pedestal *(07 76 16)*

07 76 16 00-0008	EA	2" To 3" High Adjustable Roof Paver Pedestal, 2" Base, 2" Top (Hanover Elevator)	27.20	1.33
07 76 16 00-0009	EA	3" To 4-3/4" High Adjustable Roof Paver Pedestal, 3" Base, 3" Top (Hanover Elevator)	28.53	1.33
07 76 16 00-0010	EA	4-3/4" To 7-3/4" High Adjustable Roof Paver Pedestal, 4" Base, 4" Top (Hanover Elevator)	29.86	1.33
07 76 16 00-0011	EA	Adjustable Roof Paver Pedestal Coupler, Adds 2-1/2" To 4" (Hanover Elevator)	15.07	1.33
07 76 16 00-0012	EA	Stay Bar, Used With Roof Paver Pedestals >16' High (Hanover Elevator)	13.60	1.33
07 76 16 00-0013	EA	5/8" High Tab Roof Paver Pedestal (Hanover High Tab Pedestal) Note: Stackable.	13.92	1.33
07 76 16 00-0014	EA	1/16" And 1/8" Flexible Leveling Plates For Roof Paver Pedestal Note: Used with High Tab and Elevator pedestals.	7.81	1.33
07 76 16 00-0015	EA	Roof Paver Leveling System, Twist To Adjust Pitch (Hanover Compensator) Note: Each Compensator levels 1/8" of slope and are stackable. Used with High Tab and Elevator pedestals.	10.50	1.33

07 76 19 Composite Insulation Concrete Protection Board *(07 76)*

Note: Manufactured by T. Clear Corp. 25 year warranty.

07 76 19 00-0001 Composite Insulation Concrete Protection Board *(07 76 19)*

Note: Manufactured by T. Clear Corp. 25 year warranty.

07 76 19 00-0002	SF	2" Extruded Polystyrene Insulation Board Lightguard Composite With 3/8" Latex Modified Concrete, 4.5 PSF	6.43
		For 20 Year Warranty, Deduct	*-0.37*
		For 15 Year Warranty, Deduct	*-0.75*
		For 10 Year Warranty, Deduct	*-1.02*
		For Winds >90 MPH To 120 MPH Warranty, Add	*0.10*
07 76 19 00-0003	SF	3" Extruded Polystyrene Insulation Board Lightguard Composite With 3/8" Latex Modified Concrete, 4.5 PSF	8.36
		For 20 Year Warranty, Deduct	*-0.53*
		For 15 Year Warranty, Deduct	*-1.07*
		For 10 Year Warranty, Deduct	*-1.44*
		For Winds >90 MPH To 120 MPH Warranty, Add	*0.10*
07 76 19 00-0004	SF	2" Extruded Polystyrene Insulation Board Heavyguard Composite With 15/16" Latex Modified Concrete, 11 PSF	9.83
		For 20 Year Warranty, Deduct	*-0.62*
		For 15 Year Warranty, Deduct	*-1.24*
		For 10 Year Warranty, Deduct	*-1.68*
		For Winds >90 MPH To 120 MPH Warranty, Add	*0.10*
07 76 19 00-0005	SF	3" Extruded Polystyrene Insulation Board Heavyguard Composite With 15/16" Latex Modified Concrete, 11 PSF	11.85
		For 20 Year Warranty, Deduct	*-0.77*
		For 15 Year Warranty, Deduct	*-1.56*
		For 10 Year Warranty, Deduct	*-2.10*
		For Winds >90 MPH To 120 MPH Warranty, Add	*0.10*

07 80 Fire and Smoke Protection *(07)*

07 81 Applied Fireproofing *(07 80)*

Note: Includes bonding agents as required.

07 81 16 Cementitious Fireproofing *(07 81)*

07 81 16 00-0001 Monokote Fireproofing *(07 81 16)*

07 81 16 00-0002	SF	Monokote Fireproofing For Ceiling/Decking, Per Inch Of Thickness	2.30	0.83
07 81 16 00-0003	SF	Monokote Fireproofing For Structural Steel, Per Inch Of Thickness	3.24	1.24

07 81 16 00-0004 Gunite Fireproofing *(07 81 16)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 81 16 00-0005	SF	1" Thick, Non-Reinforced, Gunite Fireproofing	3.81	0.74
07 81 16 00-0006	SF	1" Thick, Reinforced, Gunite Fireproofing	5.52	0.74

07 81 23 Intumescent Fireproofing *(07 81)*

07 81 23 00-0001 Intumescent Thin Film Fireproofing (Albi Clad TF) *(07 81 23)*

07 81 23 00-0002 Intumescent Thin Film Fireproofing For Beams (Albi Clad TF) *(07 81 23 00-0001)*

Note: Excludes primer.

07 81 23 00-0003	SF	1 Hour, Intumescent Thin Film Fireproofing For Beams (Albi Clad TF)	17.78	
		For >10,000, Deduct	*-1.72*	
07 81 23 00-0004	SF	1-1/2 Hour, Intumescent Thin Film Fireproofing For Beams (Albi Clad TF)	28.73	
		For >10,000, Deduct	*-2.81*	

07 81 23 00-0005 Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF) *(07 81 23 00-0001)*

Note: Excludes primer.

07 81 23 00-0006	SF	1 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)	11.43	
		For >10,000, Deduct	*-1.08*	
07 81 23 00-0007	SF	1-1/2 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)	25.69	
		For >10,000, Deduct	*-2.50*	
07 81 23 00-0008	SF	2 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)	58.55	
		For >10,000, Deduct	*-5.78*	
07 81 23 00-0009	SF	2-1/2 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)	80.71	
		For >10,000, Deduct	*-7.99*	
07 81 23 00-0010	SF	3 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)	102.88	
		For >10,000, Deduct	*-10.21*	
07 81 23 00-0011	SF	3-1/2 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)	125.09	
		For >10,000, Deduct	*-12.42*	

07 81 23 00-0012 Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF) *(07 81 23 00-0001)*

Note: Excludes primer.

07 81 23 00-0013	SF	1 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF)	23.39	
		For >10,000, Deduct	*-2.27*	
07 81 23 00-0014	SF	1-1/2 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF)	43.74	
		For >10,000, Deduct	*-4.30*	
07 81 23 00-0015	SF	2 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF)	69.60	
		For >10,000, Deduct	*-6.89*	
07 81 23 00-0016	SF	2-1/2 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF)	97.30	
		For >10,000, Deduct	*-9.65*	
07 81 23 00-0017	SF	3 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF)	123.16	
		For >10,000, Deduct	*-12.23*	

07 81 23 00-0018 Intumescent Thin Film Fireproofing (Albi Clad FP) *(07 81 23)*

07 81 23 00-0019 Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP) *(07 81 23 00-0018)*

Note: Excludes primer.

07 81 23 00-0020	SF	1 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP)	11.28	
		For >10,000, Deduct	*-1.09*	
07 81 23 00-0021	SF	1-1/2 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP)	25.95	
		For >10,000, Deduct	*-2.55*	
07 81 23 00-0022	SF	2 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP)	59.75	
		For >10,000, Deduct	*-5.92*	
07 81 23 00-0023	SF	2-1/2 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP)	82.54	
		For >10,000, Deduct	*-8.20*	
07 81 23 00-0024	SF	3 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP)	105.34	
		For >10,000, Deduct	*-10.47*	

07 81 33 Mineral-Fiber Fireproofing *(07 81)*

07 81 33 00-0001 Cellulose Fireproofing *(07 81 33)*

07 81 33 00-0002	SF	Cellulose Fireproofing, Per Inch Of Thickness	2.70	0.74

07 84 Firestopping *(07 80)*

07 84 13 Penetration Firestopping *(07 84)*

07 84 13 16 Penetration Firestopping Devices *(07 84 13)*

07 84 13 16-0001 Firestopping Systems For Cable Penetrations *(07 84 13 16)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 84 13 16-0002		**Intumescent Firestop Cable Sleeve For New Installations** *(07 84 13 16-0001)* Note: Includes putty, escutcheon plates, gaskets and bushings.		
07 84 13 16-0003	EA	1" Diameter Intumescent Firestop Sleeve (STI FS100)	64.79	
07 84 13 16-0004	EA	2" Diameter Intumescent Firestop Sleeve (STI FS201)	87.37	
07 84 13 16-0005	EA	4" Diameter Intumescent Firestop Sleeve (STI FS401)	142.30	
07 84 13 16-0006		**Intumescent Firestop Cable Pathway For New Or Existing Cable Installations** *(07 84 13 16-0001)* Note: Includes pathway, putty and wall/floor mounting plates.		
07 84 13 16-0007	EA	1-1/64" x 1-1/64" Intumescent Firestop Cable Pathway Through Up To 9" Thick Walls (STI EZD22)	119.02	
07 84 13 16-0008	EA	3" x 3" Intumescent Firestop Cable Pathway Through Up To 9" Thick Walls (STI EZDP33FWS)	209.25	
07 84 13 16-0009	EA	4" x 4-5/8" Intumescent Firestop Cable Pathway Through Up To 10" Thick Walls (STI EZDP44)	383.72	
07 84 13 16-0010		**3M Intumescent Firestopping Multi-Trade Pass Through Device** *(07 84 13 16)*		
07 84 13 16-0011	EA	2-1/2" Square Opening, Intumescent Firestop Multi-Trade Pass Through Device (3M QP2.5SD)	268.79	
07 84 13 16-0012	EA	4" Square Opening, Intumescent Firestop Multi-Trade Pass Through Device (3M QP4SD)	248.84	
07 84 13 16-0013	EA	4" Diameter Intumescent Firestop Multi-Trade Pass Through Device (3M QP2.5SD)	256.41	
07 84 13 16-0014		**Intumescent Firestopping Pipe Collar** *(07 84 13 16)*		
07 84 13 16-0015	EA	1-1/2" Intumescent Firestop Pipe Collar (3M ULTRAPPD1.5)	41.26	11.96
07 84 13 16-0016	EA	2" Intumescent Firestop Pipe Collar (3M ULTRAPPD2.0)	49.62	11.96
07 84 13 16-0017	EA	3" Intumescent Firestop Pipe Collar (3M ULTRAPPD3.0)	57.69	13.15
07 84 13 16-0018	EA	4" Intumescent Firestop Pipe Collar (3M ULTRAPPD4.0)	89.98	14.95
07 84 13 16-0019	EA	8" Intumescent Firestop Pipe Collar (Hilti CP644 8")	439.11	17.93
07 84 13 16-0020	EA	10" Intumescent Firestop Pipe Collar (Hilti CP644 10")	567.11	19.73
07 84 13 16-0021		**Fire Rated Enclosures (Fire Rated Product Specialties Corp.)** *(07 84 13 16)* Note: Includes fasteners. Excludes additional perimeter caulk where required. See CSI section 07 84 43 00-0001 for perimeter sealant caulk where required.		
07 84 13 16-0022	EA	12.2" Wide x 20.2" Long x 9.5" Deep Fire Rated Enclosure, 1 Hour Rated (FRPS #FN-Z-12-20-9) Note: Used for recessed lighting, speakers, controls, valves, plumbing drain terminations, etc.	171.26	
07 84 13 16-0023	EA	15.2" Wide x 16.2" Long x 9.5" Deep Fire Rated Enclosure, 1 Hour Rated (FRPS #FN-Z-15-16-9) Note: Used for recessed lighting, speakers, controls, valves, plumbing drain terminations, etc.	182.13	
07 84 13 16-0024	EA	11.8" Wide x 19.8" Long x 9.12" Deep Fire Rated Enclosure, 1 Hour Rated (FRPS #FN-Z-12-20-9-EXH) Note: Includes 4" duct connector. For use with bathroom ventilation and exhaust fans.	364.72	
07 84 13 16-0025	EA	14.0" Wide x 14.0" Long x 3.2" Deep Fire Rated Enclosure, 1 Hour Rated (FRPS #FN-Z-14-14-3) Note: Used for shut-off valves, shower and tub valves, washer boxes, icemaker water feeds, speakers, controls, junction boxes, etc.	229.97	
07 84 13 16-0026		**Intumescent Firestopping Wrap Strips** *(07 84 13 16)*		
07 84 13 16-0027	LF	1/8" Thick, 1-1/2" Wide, Intumescent Firestopping Wrap Strip (STI SpecSeal SSW Series)	6.51	
07 84 13 19		**Penetration Firestopping Caulk** *(07 84 13)*		
07 84 13 19-0001		**Intumescent Firestopping For Sealing Pipe Penetrations (3M CP 25WB+)** *(07 84 13 19)* Note: Includes firestop caulk and batt for floor or ceiling penetration or one side of a wall penetration. 1/2" thick caulk for annular spaces 1" and less. 1" thick caulk for annular spaces 1-1/4" or more.		
07 84 13 19-0002	EA	1" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	22.94	
		For Intumescent Sealant For Plastic Pipe, Add	*0.07*	
07 84 13 19-0003	EA	1-1/2" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	28.27	
		For Intumescent Sealant For Plastic Pipe, Add	*0.38*	
07 84 13 19-0004	EA	1-1/2" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	28.03	
		For Intumescent Sealant For Plastic Pipe, Add	*0.28*	
07 84 13 19-0005	EA	1-1/2" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	27.63	
		For Intumescent Sealant For Plastic Pipe, Add	*0.12*	
07 84 13 19-0006	EA	2" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	32.77	
		For Intumescent Sealant For Plastic Pipe, Add	*0.81*	
07 84 13 19-0007	EA	2" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	32.52	
		For Intumescent Sealant For Plastic Pipe, Add	*0.71*	
07 84 13 19-0008	EA	2" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	32.13	
		For Intumescent Sealant For Plastic Pipe, Add	*0.56*	
07 84 13 19-0009	EA	2" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	31.51	
		For Intumescent Sealant For Plastic Pipe, Add	*0.31*	
07 84 13 19-0010	EA	2" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	30.98	
		For Intumescent Sealant For Plastic Pipe, Add	*0.10*	
07 84 13 19-0011	EA	2-1/2" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	39.82	
		For Intumescent Sealant For Plastic Pipe, Add	*1.36*	
07 84 13 19-0012	EA	2-1/2" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	39.59	
		For Intumescent Sealant For Plastic Pipe, Add	*1.27*	
07 84 13 19-0013	EA	2-1/2" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	39.18	
		For Intumescent Sealant For Plastic Pipe, Add	*1.10*	
07 84 13 19-0014	EA	2-1/2" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	38.56	
		For Intumescent Sealant For Plastic Pipe, Add	*0.86*	
07 84 13 19-0015	EA	2-1/2" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	38.04	
		For Intumescent Sealant For Plastic Pipe, Add	*0.65*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 84 13 19-0016	EA	2-1/2" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	36.80	
		For Intumescent Sealant For Plastic Pipe, Add	*0.15*	
07 84 13 19-0017	EA	3" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	54.70	
		For Intumescent Sealant For Plastic Pipe, Add	*3.67*	
07 84 13 19-0018	EA	3" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	50.39	
		For Intumescent Sealant For Plastic Pipe, Add	*1.94*	
07 84 13 19-0019	EA	3" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	49.99	
		For Intumescent Sealant For Plastic Pipe, Add	*1.78*	
07 84 13 19-0020	EA	3" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	49.36	
		For Intumescent Sealant For Plastic Pipe, Add	*1.53*	
07 84 13 19-0021	EA	3" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	48.84	
		For Intumescent Sealant For Plastic Pipe, Add	*1.32*	
07 84 13 19-0022	EA	3" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	47.60	
		For Intumescent Sealant For Plastic Pipe, Add	*0.83*	
07 84 13 19-0023	EA	3" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	45.98	
		For Intumescent Sealant For Plastic Pipe, Add	*0.18*	
07 84 13 19-0024	EA	4" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	73.84	
		For Intumescent Sealant For Plastic Pipe, Add	*6.77*	
07 84 13 19-0025	EA	4" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	73.40	
		For Intumescent Sealant For Plastic Pipe, Add	*6.59*	
07 84 13 19-0026	EA	4" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	72.69	
		For Intumescent Sealant For Plastic Pipe, Add	*6.31*	
07 84 13 19-0027	EA	4" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	71.57	
		For Intumescent Sealant For Plastic Pipe, Add	*5.86*	
07 84 13 19-0028	EA	4" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	70.63	
		For Intumescent Sealant For Plastic Pipe, Add	*5.48*	
07 84 13 19-0029	EA	4" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	63.28	
		For Intumescent Sealant For Plastic Pipe, Add	*2.54*	
07 84 13 19-0030	EA	4" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	61.68	
		For Intumescent Sealant For Plastic Pipe, Add	*1.90*	
07 84 13 19-0031	EA	4" Diameter Hole With 3" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	59.22	
		For Intumescent Sealant For Plastic Pipe, Add	*0.92*	
07 84 13 19-0032	EA	6" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	118.73	
		For Intumescent Sealant For Plastic Pipe, Add	*15.62*	
07 84 13 19-0033	EA	6" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	118.29	
		For Intumescent Sealant For Plastic Pipe, Add	*15.44*	
07 84 13 19-0034	EA	6" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	117.58	
		For Intumescent Sealant For Plastic Pipe, Add	*15.16*	
07 84 13 19-0035	EA	6" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	116.47	
		For Intumescent Sealant For Plastic Pipe, Add	*14.71*	
07 84 13 19-0036	EA	6" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	115.52	
		For Intumescent Sealant For Plastic Pipe, Add	*14.33*	
07 84 13 19-0037	EA	6" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	113.28	
		For Intumescent Sealant For Plastic Pipe, Add	*13.44*	
07 84 13 19-0038	EA	6" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	110.37	
		For Intumescent Sealant For Plastic Pipe, Add	*12.27*	
07 84 13 19-0039	EA	6" Diameter Hole With 3" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	105.97	
		For Intumescent Sealant For Plastic Pipe, Add	*10.51*	
07 84 13 19-0040	EA	6" Diameter Hole With 4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	89.37	
		For Intumescent Sealant For Plastic Pipe, Add	*3.87*	
07 84 13 19-0041	EA	8" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	158.40	
		For Intumescent Sealant For Plastic Pipe, Add	*24.66*	
07 84 13 19-0042	EA	8" Diameter Hole With 3" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	153.99	
		For Intumescent Sealant For Plastic Pipe, Add	*22.90*	
07 84 13 19-0043	EA	8" Diameter Hole With 4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	145.15	
		For Intumescent Sealant For Plastic Pipe, Add	*19.36*	
07 84 13 19-0044	EA	8" Diameter Hole With 6" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	109.07	
		For Intumescent Sealant For Plastic Pipe, Add	*4.93*	
07 84 13 19-0045	EA	10" Diameter Hole With 4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	202.06	
		For Intumescent Sealant For Plastic Pipe, Add	*35.29*	
07 84 13 19-0046	EA	10" Diameter Hole With 6" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	175.82	
		For Intumescent Sealant For Plastic Pipe, Add	*24.80*	
07 84 13 19-0047	EA	10" Diameter Hole With 8" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	129.52	
		For Intumescent Sealant For Plastic Pipe, Add	*6.28*	

07 84 13 19-0048 Smoke, Noise And Infectious/Dust Control Sealant For Sealing Pipe Penetrations *(07 84 13 19)*

Note: Includes sealant and fiberglass or mineral wool batt for floor, ceiling or wall penetrations.

07 84 13 19-0049	EA	1-1/2" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	27.64
07 84 13 19-0050	EA	1-1/2" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	27.55
07 84 13 19-0051	EA	1-1/2" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	27.43
07 84 13 19-0052	EA	2" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	31.42
07 84 13 19-0053	EA	2" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	31.32
07 84 13 19-0054	EA	2" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	31.20
07 84 13 19-0055	EA	2" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	31.01

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 84 13 19-0056	EA	2" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	30.83	
07 84 13 19-0057	EA	2.5" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	37.59	
07 84 13 19-0058	EA	2.5" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	37.51	
07 84 13 19-0059	EA	2.5" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	37.37	
07 84 13 19-0060	EA	2.5" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	37.18	
07 84 13 19-0061	EA	2.5" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	37.01	
07 84 13 19-0062	EA	2.5" Diameter Hole With 2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	36.58	
07 84 13 19-0063	EA	3" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	47.26	
07 84 13 19-0064	EA	3" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	47.18	
07 84 13 19-0065	EA	3" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	47.05	
07 84 13 19-0066	EA	3" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	46.86	
07 84 13 19-0067	EA	3" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	46.69	
07 84 13 19-0068	EA	3" Diameter Hole With 2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	46.26	
07 84 13 19-0069	EA	3" Diameter Hole With 2-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	45.66	
07 84 13 19-0070	EA	4" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	60.15	
07 84 13 19-0071	EA	4" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	60.06	
07 84 13 19-0072	EA	4" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	59.93	
07 84 13 19-0073	EA	4" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	59.72	
07 84 13 19-0074	EA	4" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	59.52	
07 84 13 19-0075	EA	4" Diameter Hole With 2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	59.09	
07 84 13 19-0076	EA	4" Diameter Hole With 2-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	58.55	
07 84 13 19-0077	EA	4" Diameter Hole With 3" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	57.70	
07 84 13 19-0078	EA	6" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	87.13	
07 84 13 19-0079	EA	6" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	87.04	
07 84 13 19-0080	EA	6" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	86.91	
07 84 13 19-0081	EA	6" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	86.72	
07 84 13 19-0082	EA	6" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	86.55	
07 84 13 19-0083	EA	6" Diameter Hole With 2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	86.12	
07 84 13 19-0084	EA	6" Diameter Hole With 2-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	85.53	
07 84 13 19-0085	EA	6" Diameter Hole With 3" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	84.73	
07 84 13 19-0086	EA	6" Diameter Hole With 4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	82.98	
07 84 13 19-0087	EA	8" Diameter Hole With 2-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	108.51	
07 84 13 19-0088	EA	8" Diameter Hole With 3" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	107.70	
07 84 13 19-0089	EA	8" Diameter Hole With 4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	105.95	
07 84 13 19-0090	EA	8" Diameter Hole With 6" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	101.01	
07 84 13 19-0091	EA	10" Diameter Hole With 4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	130.66	
07 84 13 19-0092	EA	10" Diameter Hole With 6" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	125.71	
07 84 13 19-0093	EA	10" Diameter Hole With 8" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	119.17	

07 84 16 Annular Space Firestopping Protection *(07 84)*

07 84 16 00-0001 Intumescent Firestopping For Electrical Outlet Boxes *(07 84 16)*

07 84 16 00-0002 Intumescent Putty Pads For Wrapping Outlet Box Exteriors *(07 84 16 00-0001)*

07 84 16 00-0003	EA	1 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+)	36.03	
07 84 16 00-0004	EA	2 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+)	51.57	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 84 16 00-0005	EA	3 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+)	53.85	
07 84 16 00-0006	EA	4 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+)	56.13	
07 84 16 00-0007	EA	5 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+)	58.40	
07 84 16 00-0008	EA	6 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+)	73.95	

07 84 16 00-0009 Intumescent Firestop Gasket For Wall Plates *(07 84 16 00-0001)*

07 84 16 00-0010	EA	Single Switch Wall Plate, Intumescent Firestop Gasket (RectorSeal 66276)	14.58	
07 84 16 00-0011	EA	Double Switch Wall Plate, Intumescent Firestop Gasket (RectorSeal 66274)	15.14	
07 84 16 00-0012	EA	Single Receptacle Wall Plate, Intumescent Firestop Gasket (RectorSeal 66272)	14.11	
07 84 16 00-0013	EA	Double Receptacle Wall Plate, Intumescent Firestop Gasket (RectorSeal 66270)	15.18	
07 84 16 00-0014	EA	Single Decor Wall Plate, Intumescent Firestop Gasket (RectorSeal 66266)	14.76	
07 84 16 00-0015	EA	Double Decor Wall Plate, Intumescent Firestop Gasket (RectorSeal 66265)	14.18	

07 84 16 00-0016 Intumescent Fire Barrier Pillows For Sealing Large Openings *(07 84 16)*

07 84 16 00-0017	EA	2" x 4" x 9" Intumescent Fire Barrier Pillow (3M FB249)	37.40	
07 84 16 00-0018	EA	2" x 6" x 9" Intumescent Fire Barrier Pillow (3M FB269)	40.13	
07 84 16 00-0019	EA	3" x 6" x 9" Intumescent Fire Barrier Pillow (3M FB369)	43.48	

07 84 16 00-0020 Intumescent Fire Barrier Sheets For Sealing Large Openings *(07 84 16)*

Note: Price includes intumescent sheet, mounting fasteners and caulk for sealing one side of an opening.

07 84 16 00-0021	EA	16" x 28" Intumescent Firestop Sheet (3M CS-195+16x28)	339.65	
07 84 16 00-0022	EA	36" x 24" Intumescent Firestop Sheet (3M CS-195+3x2)	479.18	
07 84 16 00-0023	EA	36" x 36" Intumescent Firestop Sheet (3M CS-195+3x3)	648.87	

07 84 16 00-0024 Endothermic Mat Wrap Fire Barrier *(07 84 16)*

Note: Price includes endothermic mat wrap and sealant. Excludes cavity fill material; putty or fireproof caulk/sealant. See CSI section 07 84 16 00-0026 for filling openings.

07 84 16 00-0025	SF	0.408" Thick Aluminum Foil Faced Endothermic Mat (3M Interam E-5A-4)	51.13	

07 84 16 00-0026 Firestopping Caulk For Filling Opening *(07 84 16)*

07 84 16 00-0027	GAL	Latex Based Intumescent Fire Barrier Sealant (3M CP-25WB+)	142.05	

07 84 16 00-0028 Firestopping Mortar For Filling Opening *(07 84 16)*

07 84 16 00-0029	CF	Light-Weight Portland Cement-Based Firestop Mortar (STI SpecSeal SSM Series)	175.16	

07 84 23 Silicone Firestopping Foams *(07 84)*

07 84 23 00-0001 Silicone RTV Foam Seal For Blank Openings *(07 84 23)*

Note: Includes 7" depth of silicone foam barrier and 1" depth backer board

07 84 23 00-0002	EA	2" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam	43.38	
07 84 23 00-0003	EA	4" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam	94.87	
07 84 23 00-0004	EA	6" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam	169.71	
07 84 23 00-0005	EA	8" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam	253.45	
07 84 23 00-0006	EA	10" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam	360.40	
07 84 23 00-0007	EA	12" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam	487.74	
07 84 23 00-0008	EA	16" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam	988.48	
07 84 23 00-0009	EA	20" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam	1,475.89	
07 84 23 00-0010	EA	24" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam	2,068.66	

07 84 43 Joint Firestopping *(07 84)*

07 84 43 00-0001 Intumescent Firestopping Sealant For Joints (3M CP 25WB+) *(07 84 43)*

07 84 43 00-0002	CLF	1/4" x 1/4" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	401.28	102.45
		For Up To 6 CLF, Add	*22.41*	
		For >30 CLF, Deduct	*-24.76*	
07 84 43 00-0003	CLF	1/4" x 3/8" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	448.27	102.45
		For Up To 4 CLF, Add	*25.94*	
		For >20 CLF, Deduct	*-29.46*	
07 84 43 00-0004	CLF	1/4" x 1/2" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	506.62	105.86
		For Up To 3 CLF, Add	*30.03*	
		For >15 CLF, Deduct	*-34.73*	
07 84 43 00-0005	CLF	3/8" x 3/8" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	530.11	105.86
		For Up To 2.5 CLF, Add	*31.79*	
		For >13 CLF, Deduct	*-37.07*	
07 84 43 00-0006	CLF	3/8" x 1/2" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	600.57	105.86
		For Up To 2 CLF, Add	*37.07*	
		For >10 CLF, Deduct	*-44.12*	
07 84 43 00-0007	CLF	3/8" x 5/8" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	671.03	105.86
		For Up To 1.5 CLF, Add	*42.36*	
		For >8 CLF, Deduct	*-51.17*	
07 84 43 00-0008	CLF	3/8" x 3/4" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	752.87	110.42
		For Up To 1.3 CLF, Add	*48.21*	
		For >7 CLF, Deduct	*-58.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 84 43 00-0009	CLF	1/2" x 1/2" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	705.89	110.42
		For Up To 1.4 CLF, Add	*44.69*	
		For >7.5 CLF, Deduct	*-54.08*	
07 84 43 00-0010	CLF	1/2" x 5/8" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	811.23	113.83
		For Up To 1.15 CLF, Add	*52.30*	
		For >6 CLF, Deduct	*-64.05*	
07 84 43 00-0011	CLF	1/2" x 3/4" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	905.17	113.83
		For Up To 1 CLF, Add	*59.35*	
		For >5 CLF, Deduct	*-73.44*	
07 84 43 00-0012	CLF	1/2" x 7/8" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	1,010.50	117.24
		For Up To 0.8 CLF, Add	*66.97*	
		For >4.5 CLF, Deduct	*-83.41*	
07 84 43 00-0013	CLF	1/2" x 1" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	1,115.83	121.80
		For Up To 0.75 CLF, Add	*74.58*	
		For >4 CLF, Deduct	*-93.37*	
07 84 43 00-0014	CLF	3/4" x 3/4" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	1,221.15	125.21
		For Up To 0.65 CLF, Add	*82.20*	
		For >3.5 CLF, Deduct	*-103.33*	
07 84 43 00-0015	CLF	3/4" x 1" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	1,537.15	136.60
		For Up To 0.5 CLF, Add	*105.04*	
		For >2.5 CLF, Deduct	*-133.23*	
		For Silicone Sealant (Bio Fireshield BFS 100 or 200), add	*169.10*	
07 84 43 00-0016	CLF	1" x 1" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	1,958.46	151.40
		For Up To 0.4 CLF, Add	*135.50*	
		For >2 CLF, Deduct	*-173.08*	
07 84 43 00-0017		Latex-Based, Intumescent Firestop Sealant For Joints (STI SSS Series) *(07 84 43)*		
07 84 43 00-0018	CLF	1/4" x 1/4" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	414.36	102.45
		For Up To 6 CLF, Add	*23.39*	
		For >30 CLF, Deduct	*-26.07*	
07 84 43 00-0019	CLF	1/4" x 3/8" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	467.86	102.45
		For Up To 4 CLF, Add	*27.41*	
		For >20 CLF, Deduct	*-31.42*	
07 84 43 00-0020	CLF	1/4" x 1/2" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	532.75	105.86
		For Up To 3 CLF, Add	*31.99*	
		For >15 CLF, Deduct	*-37.34*	
07 84 43 00-0021	CLF	3/8" x 3/8" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	559.50	105.86
		For Up To 2.5 CLF, Add	*33.99*	
		For >13 CLF, Deduct	*-40.01*	
07 84 43 00-0022	CLF	3/8" x 1/2" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	639.75	105.86
		For Up To 2 CLF, Add	*40.01*	
		For >10 CLF, Deduct	*-48.04*	
07 84 43 00-0023	CLF	3/8" x 5/8" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	720.01	105.86
		For Up To 1.5 CLF, Add	*46.03*	
		For >8 CLF, Deduct	*-56.06*	
07 84 43 00-0024	CLF	3/8" x 3/4" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	811.64	110.42
		For Up To 1.3 CLF, Add	*52.62*	
		For >7 CLF, Deduct	*-64.66*	
07 84 43 00-0025	CLF	1/2" x 1/2" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	758.14	110.42
		For Up To 1.4 CLF, Add	*48.61*	
		For >7.5 CLF, Deduct	*-59.31*	
07 84 43 00-0026	CLF	1/2" x 5/8" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	876.54	113.83
		For Up To 1.15 CLF, Add	*57.20*	
		For >6 CLF, Deduct	*-70.58*	
07 84 43 00-0027	CLF	1/2" x 3/4" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	983.54	113.83
		For Up To 1 CLF, Add	*65.23*	
		For >5 CLF, Deduct	*-81.28*	
07 84 43 00-0028	CLF	1/2" x 7/8" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	1,101.93	117.24
		For Up To 0.8 CLF, Add	*73.82*	
		For >4.5 CLF, Deduct	*-92.55*	
07 84 43 00-0029	CLF	1/2" x 1" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	1,220.32	121.80
		For Up To 0.75 CLF, Add	*82.42*	
		For >4 CLF, Deduct	*-103.82*	
07 84 43 00-0030	CLF	3/4" x 3/4" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	1,338.71	125.21
		For Up To 0.65 CLF, Add	*91.01*	
		For >3.5 CLF, Deduct	*-115.09*	
07 84 43 00-0031	CLF	3/4" x 1" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	1,693.89	136.60
		For Up To 0.5 CLF, Add	*116.80*	
		For >2.5 CLF, Deduct	*-148.90*	
07 84 43 00-0032	CLF	1" x 1" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	2,167.45	151.40
		For Up To 0.4 CLF, Add	*151.18*	
		For >2 CLF, Deduct	*-193.98*	
07 84 43 00-0033		Passive Smoke And Fire Protection Sealant For Joints (STI ES Series) *(07 84 43)*		
07 84 43 00-0034	CLF	1/4" x 1/4" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	362.70	102.45
		For Up To 6 CLF, Add	*19.52*	
		For >30 CLF, Deduct	*-20.90*	
07 84 43 00-0035	CLF	1/4" x 3/8" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	390.37	102.45
		For Up To 4 CLF, Add	*21.59*	
		For >20 CLF, Deduct	*-23.67*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 84 43 00-0036		CLF	1/4" x 1/2" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	429.43	105.86
			For Up To 3 CLF, Add	*24.24*	
			For >15 CLF, Deduct	*-27.01*	
07 84 43 00-0037		CLF	3/8" x 3/8" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	443.26	105.86
			For Up To 2.5 CLF, Add	*25.28*	
			For >13 CLF, Deduct	*-28.39*	
07 84 43 00-0038		CLF	3/8" x 1/2" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	484.78	105.86
			For Up To 2 CLF, Add	*28.39*	
			For >10 CLF, Deduct	*-32.54*	
07 84 43 00-0039		CLF	3/8" x 5/8" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	526.29	105.86
			For Up To 1.5 CLF, Add	*31.50*	
			For >8 CLF, Deduct	*-36.69*	
07 84 43 00-0040		CLF	3/8" x 3/4" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	579.18	110.42
			For Up To 1.3 CLF, Add	*35.19*	
			For >7 CLF, Deduct	*-41.41*	
07 84 43 00-0041		CLF	1/2" x 1/2" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	551.50	110.42
			For Up To 1.4 CLF, Add	*33.11*	
			For >7.5 CLF, Deduct	*-38.64*	
07 84 43 00-0042		CLF	1/2" x 5/8" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	618.24	113.83
			For Up To 1.15 CLF, Add	*37.83*	
			For >6 CLF, Deduct	*-44.75*	
07 84 43 00-0043		CLF	1/2" x 3/4" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	673.59	113.83
			For Up To 1 CLF, Add	*41.98*	
			For >5 CLF, Deduct	*-50.28*	
07 84 43 00-0044		CLF	1/2" x 7/8" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	740.32	117.24
			For Up To 0.8 CLF, Add	*46.70*	
			For >4.5 CLF, Deduct	*-56.39*	
07 84 43 00-0045		CLF	1/2" x 1" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	807.05	121.80
			For Up To 0.75 CLF, Add	*51.42*	
			For >4 CLF, Deduct	*-62.49*	
07 84 43 00-0046		CLF	3/4" x 3/4" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	873.78	125.21
			For Up To 0.65 CLF, Add	*56.14*	
			For >3.5 CLF, Deduct	*-68.60*	
07 84 43 00-0047		CLF	3/4" x 1" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	1,073.98	136.60
			For Up To 0.5 CLF, Add	*70.30*	
			For >2.5 CLF, Deduct	*-86.91*	
07 84 43 00-0048		CLF	1" x 1" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	1,340.91	151.40
			For Up To 0.4 CLF, Add	*89.19*	
			For >2 CLF, Deduct	*-111.32*	

07 84 56 Fire Safing *(07 84)*

07 84 56 13 Fibrous Fire Safing *(07 84 56)*

07 84 56 13-0001 Thermal Barrier Wrap *(07 84 56 13)*

Note: Includes cutting wrap to fit pipe or conduit and sealing edges.

07 84 56 13-0002		SF	1/2" Thick Fire Barrier Plenum Wrap (3M Plenum Wrap 5A)	10.71	
			For Work In Restricted Working Space, Add	*1.43*	
07 84 56 13-0003		SF	1-1/2" Thick Fire Barrier Duct Wrap (3M Duct Wrap 15A)	17.11	
			Note: Includes cutting wrap to fit pipe or conduit and sealing edges.		
			For Work In Restricted Working Space, Add	*1.43*	
07 84 56 13-0004		SF	2" Thick Fire Barrier Duct Wrap (3M Duct Wrap 20A)	18.64	
			Note: Includes cutting wrap to fit pipe or conduit and sealing edges.		
			For Work In Restricted Working Space, Add	*1.43*	

07 84 56 13-0005 FireMaster Blanket Wrap Fireproofing *(07 84 56 13)*

07 84 56 13-0006		SF	1/2" Thermal Ceramics FireMaster Blanket Wrap	19.98	11.85
			For Work In Restricted Working Space, Add	*4.76*	
			For >500 To 5,000, Deduct	*-1.74*	
			For >5,000, Deduct	*-3.11*	
07 84 56 13-0007		SF	1" Thermal Ceramics FireMaster Blanket Wrap	23.40	11.85
			For Work In Restricted Working Space, Add	*4.76*	
			For >500 To 5,000, Deduct	*-2.53*	
			For >5,000, Deduct	*-4.38*	
07 84 56 13-0008		SF	1-1/2" Thermal Ceramics FireMaster Blanket Wrap	27.14	11.85
			For Work In Restricted Working Space, Add	*4.76*	
			For >500 To 5,000, Deduct	*-3.39*	
			For >5,000, Deduct	*-5.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 84 56 13-0009	SF	2" Thermal Ceramics FireMaster Blanket Wrap	30.89	11.85
		For Work In Restricted Working Space, Add	*4.76*	
		For >500 To 5,000, Deduct	*-4.25*	
		For >5,000, Deduct	*-7.15*	

07 90 Joint Protection *(07)*

07 91 Preformed Joint Seals *(07 90)*

07 91 23 Backer Rods *(07 91)*

07 91 23 00-0001 Backer Rods *(07 91 23)*

07 91 23 00-0002	LF	1/4" Polyethylene Or Polyurethane Backer Rod	2.45	0.66
07 91 23 00-0003	LF	3/8" Polyethylene Or Polyurethane Backer Rod	2.65	0.66
07 91 23 00-0004	LF	1/2" Polyethylene Or Polyurethane Backer Rod	2.96	0.66
07 91 23 00-0005	LF	5/8" Polyethylene Or Polyurethane Backer Rod	3.48	0.66
07 91 23 00-0006	LF	3/4" Polyethylene Or Polyurethane Backer Rod	3.64	0.79
07 91 23 00-0007	LF	7/8" Polyethylene Or Polyurethane Backer Rod	4.08	0.79
07 91 23 00-0008	LF	1" Polyethylene Or Polyurethane Backer Rod	5.25	0.79
07 91 23 00-0009	LF	1-1/4" Polyethylene Or Polyurethane Backer Rod	6.36	0.92
07 91 23 00-0010	LF	1-1/2" Polyethylene Or Polyurethane Backer Rod	7.59	1.06
07 91 23 00-0011	LF	2" Polyethylene Or Polyurethane Backer Rod	10.53	1.19
07 91 23 00-0012	LF	3" Polyethylene Or Polyurethane Backer Rod	22.14	1.46

07 91 26 Joint Fillers *(07 91)*

07 91 26 00-0001 Butyl Rubber Fillers *(07 91 26)*

07 91 26 00-0002	LF	1/4" x 1/4" Butyl Rubber Filler	3.05	0.79
		For Custom Match Coloring, Add	*0.06*	
07 91 26 00-0003	LF	1/2" x 1/2" Butyl Rubber Filler	9.20	2.25
		For Custom Match Coloring, Add	*0.22*	
07 91 26 00-0004	LF	1/2" x 3/4" Butyl Rubber Filler	11.17	2.39
		For Custom Match Coloring, Add	*0.35*	
07 91 26 00-0005	LF	3/4" x 3/4" Butyl Rubber Filler	12.19	2.52
07 91 26 00-0006	LF	1" x 1" Butyl Rubber Filler	16.42	4.64

07 91 26 00-0007 Closed Cell Neoprene *(07 91 26)*

07 91 26 00-0008	CLF	1/8" x 3" Neoprene Gasket Closed Cell, Adhesive	524.87	152.84
07 91 26 00-0009	CLF	1/8" x 6" Neoprene Gasket Closed Cell, Adhesive	828.71	220.78
07 91 26 00-0010	CLF	1/4" x 3" Neoprene Gasket Closed Cell, Adhesive	669.04	189.26
07 91 26 00-0011	CLF	1/4" x 6" Neoprene Gasket Closed Cell, Adhesive	760.30	198.66
07 91 26 00-0012	CLF	1/2" x 6" Neoprene Gasket Closed Cell, Adhesive	1,161.07	305.67
07 91 26 00-0013	CLF	1/2" x 9" Neoprene Gasket Closed Cell, Adhesive	1,318.80	331.09
07 91 26 00-0014	CLF	1/2" x 12" Neoprene Gasket Closed Cell, Adhesive	1,160.78	240.78

07 91 26 00-0015 Closed Cell Polyvinyl Chloride *(07 91 26)*

07 91 26 00-0016	CLF	1/8" x 3" Polyethylene Joint Backing, Closed Cell	545.67	189.26
07 91 26 00-0017	CLF	1/8" x 6" Polyethylene Joint Backing, Closed Cell	953.49	305.67
07 91 26 00-0018	CLF	1/4" x 3" Polyethylene Joint Backing, Closed Cell	722.18	260.91
07 91 26 00-0019	CLF	1/4" x 6" Polyethylene Joint Backing, Closed Cell	892.01	275.47
07 91 26 00-0020	CLF	1/2" x 6" Polyethylene Joint Backing, Closed Cell	1,356.32	422.48
07 91 26 00-0021	CLF	1/2" x 9" Polyethylene Joint Backing, Closed Cell	1,607.63	458.50
07 91 26 00-0022	CLF	1/2" x 12" Polyethylene Joint Backing, Closed Cell	2,160.99	549.62

07 91 26 00-0023 Silicon RTV Foam Penetration Seal *(07 91 26)*

07 91 26 00-0024	CLF	1/4" x 1/2" Silicon RTV Foam Seal	165.55	30.33
07 91 26 00-0025	CLF	1/2" x 1/2" Silicon RTV Foam Seal	331.10	60.52
07 91 26 00-0026	CLF	1/2" x 3/4" Silicon RTV Foam Seal	493.22	89.93
07 91 26 00-0027	CLF	3/4" x 3/4" Silicon RTV Foam Seal	694.54	121.18
07 91 26 00-0028	CLF	1/8" x 1" Silicon RTV Foam Seal	165.55	30.33
07 91 26 00-0029	CLF	1/8" x 3" Silicon RTV Foam Seal	492.68	89.67
07 91 26 00-0030	CLF	1/4" x 3" Silicon RTV Foam Seal	836.32	134.69
07 91 26 00-0031	CLF	1/4" x 6" Silicon RTV Foam Seal	1,670.25	268.45
07 91 26 00-0032	CLF	1/2" x 6" Silicon RTV Foam Seal	3,158.08	484.60
07 91 26 00-0033	CLF	1/2" x 9" Silicon RTV Foam Seal	4,834.52	757.01
07 91 26 00-0034	CLF	1/2" x 12" Silicon RTV Foam Seal	7,139.33	1,211.28

07 91 26 00-0035 Seals O-Ring Type Cord "J-Seal" *(07 91 26)*

07 91 26 00-0036	LF	1/4" Seals O-Ring Cord, J-Seal	5.67	1.73
07 91 26 00-0037	LF	1/2" Seals O-Ring Cord, J-Seal	6.01	1.73
07 91 26 00-0038	LF	3/4" Seals O-Ring Cord, J-Seal	6.31	1.87
07 91 26 00-0039	LF	1" Seals O-Ring Cord, J-Seal	6.65	2.00
07 91 26 00-0040	LF	1-1/4" Seals O-Ring Cord, J-Seal	7.11	2.13
07 91 26 00-0041	LF	1-1/2" Seals O-Ring Cord, J-Seal	7.43	2.13
07 91 26 00-0042	LF	1-3/4" Seals O-Ring Cord, J-Seal	7.83	2.26

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 91 26 00-0043	LF	2" Seals O-Ring Cord, J-Seal	8.08	2.26

07 91 33 Expansion Joint Seal Systems *(07 91)*

07 91 33 00-0001 Expansion Joint Seal Systems (Wabo®) *(07 91 33)*

07 91 33 00-0002 Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal Systems (Wabo® HSeal) *(07 91 33 00-0001)*

Note: Includes a pre-compressed seal, epoxy adhesive and traffic grade elastomeric top coating.

07 91 33 00-0003	LF	1/2" Minimum, 1-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 25EH)	95.23	7.22
07 91 33 00-0004	LF	3/4" Minimum, 2-1/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 40EH)	128.64	7.57
07 91 33 00-0005	LF	1" Minimum, 3" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 50EH)	163.88	7.91
07 91 33 00-0006	LF	1-1/4" Minimum, 3-3/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 65EH)	203.11	8.26
07 91 33 00-0007	LF	1-1/2" Minimum, 4-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 75EH)	264.76	8.61
07 91 33 00-0008	LF	1-3/4" Minimum, 5-1/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 90EH)	304.67	8.95
07 91 33 00-0009	LF	2" Minimum, 6" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 100EH)	354.22	9.29

07 91 33 00-0010 Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal Systems (Wabo® CompressionSeal) *(07 91 33 00-0001)*

Note: Includes preformed neoprene joint seal and lubricant adhesive.

07 91 33 00-0011	LF	0.625" Minimum, 1.381" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-162)	46.58	7.22
07 91 33 00-0012	LF	0.688" Minimum, 1.488" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-175)	51.17	7.33
07 91 33 00-0013	LF	0.875" Minimum, 1.700" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-200)	62.72	7.44
07 91 33 00-0014	LF	0.953" Minimum, 1.913" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-225)	66.77	7.57
07 91 33 00-0015	LF	1.000" Minimum, 2.125" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-250)	71.58	7.67
07 91 33 00-0016	LF	1.125" Minimum, 2.550" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-300)	88.74	7.77
07 91 33 00-0017	LF	1.375" Minimum, 2.975" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-350)	110.48	7.91
07 91 33 00-0018	LF	1.625" Minimum, 3.400" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-400)	131.34	8.26
07 91 33 00-0019	LF	1.687" Minimum, 4.250" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-500)	149.15	8.61

07 91 33 00-0020 Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal Systems (Wabo® CompressionSeal) *(07 91 33 00-0001)*

Note: Includes preformed Santoprene® joint seal and lubricant adhesive.

07 91 33 00-0021	LF	0.500" Minimum, 1.500" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-100)	38.29	7.22
07 91 33 00-0022	LF	0.688" Minimum, 1.938" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-225)	50.86	7.57
07 91 33 00-0023	LF	1.063" Minimum, 2.125" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-250)	63.21	7.91
07 91 33 00-0024	LF	1.250" Minimum, 2.563" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-300)	66.91	8.09
07 91 33 00-0025	LF	1.250" Minimum, 3.375" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-400)	74.65	8.26
07 91 33 00-0026	LF	1.438" Minimum, 4.250" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-500)	109.05	8.61
07 91 33 00-0027	LF	1.813" Minimum, 5.125" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-600)	151.65	8.95

07 91 33 00-0028 Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal Systems (Wabo® Seismic WeatherSeal) *(07 91 33 00-0001)*

Note: Includes a pre-compressed foam seal and silicone sealant.

07 91 33 00-0029	LF	1/2" Minimum, 1-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-100)	35.75	2.87
07 91 33 00-0030	LF	3/4" Minimum, 2-1/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-150)	60.63	2.99
07 91 33 00-0031	LF	1" Minimum, 3" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-200)	91.79	3.10
07 91 33 00-0032	LF	1-1/4" Minimum, 3-3/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-250)	115.99	3.21
07 91 33 00-0033	LF	1-1/2" Minimum, 4-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-300)	152.96	3.32

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 91 33 00-0034	LF	1-3/4" Minimum, 5-1/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-350)	202.71	3.44
07 91 33 00-0035	LF	2" Minimum, 6" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-400)	248.87	3.56
07 91 33 00-0036	LF	2-1/2" Minimum, 7-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-500)	336.04	3.67
07 91 33 00-0037	LF	3" Minimum, 9" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-600)	392.50	3.79
07 91 33 00-0038		Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal Systems (Wabo® WeatherSeal II) *(07 91 33 00-0001)*		
		Note: Includes a pre-compressed foam seal and silicone sealant.		
07 91 33 00-0039	LF	0.75" Minimum, 1.25" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-100)	34.86	2.87
07 91 33 00-0040	LF	1.13" Minimum, 1.88" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-150)	46.29	2.99
07 91 33 00-0041	LF	1.50" Minimum, 2.50" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-200)	62.44	3.10
07 91 33 00-0042	LF	1.88" Minimum, 3.13" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-250)	85.06	3.21
07 91 33 00-0043	LF	2.25" Minimum, 3.75" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-300)	97.17	3.32
07 91 33 00-0044	LF	2.63" Minimum, 4.38" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-350)	135.27	3.44
07 91 33 00-0045	LF	3.00" Minimum, 5.00" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-400)	182.10	3.56
07 91 33 00-0046	LF	3.75" Minimum, 6.25" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-500)	196.67	3.67
07 91 33 00-0047		Molded EPDM Rubber Cover, For Pedestrian Foot Traffic And Slow Speed Non-Commercial Vehicular Traffic (Wabo® SafetyFlexl) *(07 91 33 00-0001)*		
07 91 33 00-0048	LF	2-1/2" Minimum, 12" Maximum Joint Opening, Elastomeric Hinged Cover System for Pedestrian Walkway And Low-speed Vehicular Traffic Areas (Wabo® SafetyFlex SFP-600)	261.94	9.29
07 91 33 00-0049		Closed Cell Neoprene Expanded Rubber Foam Seal, Preformed Flexible Joint Seal Systems (Wabo® InverSeal) *(07 91 33 00-0001)*		
		Note: Includes epoxy adhesive.		
07 91 33 00-0050	LF	0.45" Minimum, 1.25" Maximum Joint Opening, Closed Cell Neoprene Expanded Rubber Foam Seal, Preformed Flexible Joint Seal Systems (Wabo® InverSeal IV-100)	28.78	
07 91 33 00-0051	LF	0.675" Minimum, 1.875" Maximum Joint Opening, Closed Cell Neoprene Expanded Rubber Foam Seal, Preformed Flexible Joint Seal Systems (Wabo® InverSeal IV-150)	31.53	
07 91 33 00-0052	LF	0.90" Minimum, 2.50" Maximum Joint Opening, Closed Cell Neoprene Expanded Rubber Foam Seal, Preformed Flexible Joint Seal Systems (Wabo® InverSeal IV-200)	41.55	
07 91 33 00-0053	LF	1.125" Minimum, 3.125" Maximum Joint Opening, Closed Cell Neoprene Expanded Rubber Foam Seal, Preformed Flexible Joint Seal Systems (Wabo® InverSeal IV-250)	51.65	
07 91 33 00-0054	LF	1.35" Minimum, 3.75" Maximum Joint Opening, Closed Cell Neoprene Expanded Rubber Foam Seal, Preformed Flexible Joint Seal Systems (Wabo® InverSeal IV-300)	119.99	
07 91 33 00-0055	LF	1.80" Minimum, 5.00" Maximum Joint Opening, Closed Cell Neoprene Expanded Rubber Foam Seal, Preformed Flexible Joint Seal Systems (Wabo® InverSeal IV-400)	157.69	

07 92 Joint Sealants *(07 90)*

07 92 13 Elastomeric Joint Sealants *(07 92)*

07 92 13 00-0001		Silicone Sealant And Caulking *(07 92 13)*		
07 92 13 00-0002	CLF	1/4" x 1/4" Joint, Silicone Sealant And Caulking	362.63	102.45
		For Custom Match Coloring, Add	*13.27*	
		For Up To 6 CLF, Add	*19.51*	
		For >30 CLF, Deduct	*-20.90*	
		For 1 Part Mildew Resistant, Add	*19.35*	
		For High-Modulus Non-Acid Curing, Add	*11.06*	
07 92 13 00-0003	CLF	1/4" x 3/8" Joint, Silicone Sealant And Caulking	390.28	102.45
		For Custom Match Coloring, Add	*19.90*	
		For Up To 4 CLF, Add	*21.59*	
		For >20 CLF, Deduct	*-23.66*	
		For 1 Part Mildew Resistant, Add	*29.03*	
		For High-Modulus Non-Acid Curing, Add	*16.59*	
07 92 13 00-0004	CLF	1/4" x 1/2" Joint, Silicone Sealant And Caulking	429.30	105.86
		For Custom Match Coloring, Add	*26.54*	
		For Up To 3 CLF, Add	*24.23*	
		For >15 CLF, Deduct	*-26.99*	
		For 1 Part Mildew Resistant, Add	*38.70*	
		For High-Modulus Non-Acid Curing, Add	*22.11*	
07 92 13 00-0005	CLF	3/8" x 3/8" Joint, Silicone Sealant And Caulking	443.12	105.86
		For Custom Match Coloring, Add	*29.85*	
		For Up To 2.5 CLF, Add	*25.27*	
		For >13 CLF, Deduct	*-28.38*	
		For 1 Part Mildew Resistant, Add	*43.54*	
		For High-Modulus Non-Acid Curing, Add	*24.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 92 13 00-0006	CLF	3/8" x 1/2" Joint, Silicone Sealant And Caulking	484.58	105.86
		For Custom Match Coloring, Add	*39.80*	
		For Up To 2 CLF, Add	*28.38*	
		For >10 CLF, Deduct	*-32.52*	
		For 1 Part Mildew Resistant, Add	*58.05*	
		For High-Modulus Non-Acid Curing, Add	*33.17*	
07 92 13 00-0007	CLF	3/8" x 5/8" Joint, Silicone Sealant And Caulking	526.05	105.86
		For Custom Match Coloring, Add	*49.76*	
		For Up To 1.5 CLF, Add	*31.49*	
		For >8 CLF, Deduct	*-36.67*	
		For 1 Part Mildew Resistant, Add	*72.56*	
		For High-Modulus Non-Acid Curing, Add	*41.46*	
07 92 13 00-0008	CLF	3/8" x 3/4" Joint, Silicone Sealant And Caulking	578.89	110.42
		For Custom Match Coloring, Add	*59.71*	
		For Up To 1.3 CLF, Add	*35.16*	
		For >7 CLF, Deduct	*-41.38*	
		For 1 Part Mildew Resistant, Add	*87.07*	
		For High-Modulus Non-Acid Curing, Add	*49.76*	
07 92 13 00-0009	CLF	1/2" x 1/2" Joint, Silicone Sealant And Caulking	551.25	110.42
		For Custom Match Coloring, Add	*53.07*	
		For Up To 1.4 CLF, Add	*33.09*	
		For >7.5 CLF, Deduct	*-38.62*	
		For 1 Part Mildew Resistant, Add	*77.40*	
		For High-Modulus Non-Acid Curing, Add	*44.23*	
07 92 13 00-0010	CLF	1/2" x 5/8" Joint, Silicone Sealant And Caulking	617.92	113.83
		For Custom Match Coloring, Add	*66.34*	
		For Up To 1.15 CLF, Add	*37.81*	
		For >6 CLF, Deduct	*-44.72*	
		For 1 Part Mildew Resistant, Add	*96.75*	
		For High-Modulus Non-Acid Curing, Add	*55.28*	
07 92 13 00-0011	CLF	1/2" x 3/4" Joint, Silicone Sealant And Caulking	673.21	113.83
		For Custom Match Coloring, Add	*79.61*	
		For Up To 1 CLF, Add	*41.95*	
		For >5 CLF, Deduct	*-50.25*	
		For 1 Part Mildew Resistant, Add	*116.10*	
		For High-Modulus Non-Acid Curing, Add	*66.34*	
07 92 13 00-0012	CLF	1/2" x 7/8" Joint, Silicone Sealant And Caulking	739.87	117.24
		For Custom Match Coloring, Add	*92.88*	
		For Up To 0.8 CLF, Add	*46.67*	
		For >4.5 CLF, Deduct	*-56.34*	
		For 1 Part Mildew Resistant, Add	*135.45*	
		For High-Modulus Non-Acid Curing, Add	*77.40*	
07 92 13 00-0013	CLF	1/2" x 1" Joint, Silicone Sealant And Caulking	806.53	121.80
		For Custom Match Coloring, Add	*106.14*	
		For Up To 0.75 CLF, Add	*51.38*	
		For >4 CLF, Deduct	*-62.44*	
		For 1 Part Mildew Resistant, Add	*154.79*	
		For High-Modulus Non-Acid Curing, Add	*88.45*	
07 92 13 00-0014	CLF	3/4" x 3/4" Joint, Silicone Sealant And Caulking	873.20	125.21
		For Custom Match Coloring, Add	*119.41*	
		For Up To 0.65 CLF, Add	*56.10*	
		For >3.5 CLF, Deduct	*-68.54*	
		For 1 Part Mildew Resistant, Add	*174.15*	
		For High-Modulus Non-Acid Curing, Add	*99.51*	
07 92 13 00-0015	CLF	3/4" x 1" Joint, Silicone Sealant And Caulking	1,073.21	136.60
		For Custom Match Coloring, Add	*159.22*	
		For Up To 0.5 CLF, Add	*70.25*	
		For >2.5 CLF, Deduct	*-86.83*	
		For 1 Part Mildew Resistant, Add	*232.19*	
		For High-Modulus Non-Acid Curing, Add	*132.68*	
07 92 13 00-0016	CLF	1" x 1" Joint, Silicone Sealant And Caulking	1,339.88	151.40
		For Custom Match Coloring, Add	*212.29*	
		For Up To 0.4 CLF, Add	*89.11*	
		For >2 CLF, Deduct	*-111.22*	
		For 1 Part Mildew Resistant, Add	*309.59*	
		For High-Modulus Non-Acid Curing, Add	*176.91*	

07 92 13 00-0017 Acrylic/Latex Sealant And Caulking *(07 92 13)*

07 92 13 00-0018	CLF	1/4" x 1/4" Joint, Acrylic/Latex Sealant And Caulking	326.75	102.45
		For Up To 6 CLF, Add	*16.82*	
		For >30 CLF, Deduct	*-17.31*	
07 92 13 00-0019	CLF	1/4" x 3/8" Joint, Acrylic/Latex Sealant And Caulking	336.44	102.45
		For Up To 4 CLF, Add	*17.55*	
		For >20 CLF, Deduct	*-18.28*	
07 92 13 00-0020	CLF	1/4" x 1/2" Joint, Acrylic/Latex Sealant And Caulking	357.52	105.86
		For Up To 3 CLF, Add	*18.85*	
		For >15 CLF, Deduct	*-19.82*	
07 92 13 00-0021	CLF	3/8" x 3/8" Joint, Acrylic/Latex Sealant And Caulking	362.37	105.86
		For Up To 2.5 CLF, Add	*19.21*	
		For >13 CLF, Deduct	*-20.30*	
07 92 13 00-0022	CLF	3/8" x 1/2" Joint, Acrylic/Latex Sealant And Caulking	376.92	105.86
		For Up To 2 CLF, Add	*20.30*	
		For >10 CLF, Deduct	*-21.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 92 13 00-0023	CLF	3/8" x 5/8" Joint, Acrylic/Latex Sealant And Caulking	391.46	105.86
		For Up To 1.5 CLF, Add	*21.39*	
		For >8 CLF, Deduct	*-23.21*	
07 92 13 00-0024	CLF	3/8" x 3/4" Joint, Acrylic/Latex Sealant And Caulking	417.39	110.42
		For Up To 1.3 CLF, Add	*23.05*	
		For >7 CLF, Deduct	*-25.23*	
07 92 13 00-0025	CLF	1/2" x 1/2" Joint, Acrylic/Latex Sealant And Caulking	407.69	110.42
		For Up To 1.4 CLF, Add	*22.32*	
		For >7.5 CLF, Deduct	*-24.26*	
07 92 13 00-0026	CLF	1/2" x 5/8" Joint, Acrylic/Latex Sealant And Caulking	438.48	113.83
		For Up To 1.15 CLF, Add	*24.35*	
		For >6 CLF, Deduct	*-26.77*	
07 92 13 00-0027	CLF	1/2" x 3/4" Joint, Acrylic/Latex Sealant And Caulking	457.87	113.83
		For Up To 1 CLF, Add	*25.80*	
		For >5 CLF, Deduct	*-28.71*	
07 92 13 00-0028	CLF	1/2" x 7/8" Joint, Acrylic/Latex Sealant And Caulking	488.65	117.24
		For Up To 0.8 CLF, Add	*27.83*	
		For >4.5 CLF, Deduct	*-31.22*	
07 92 13 00-0029	CLF	1/2" x 1" Joint, Acrylic/Latex Sealant And Caulking	519.42	121.80
		For Up To 0.75 CLF, Add	*29.85*	
		For >4 CLF, Deduct	*-33.73*	
07 92 13 00-0030	CLF	3/4" x 3/4" Joint, Acrylic/Latex Sealant And Caulking	550.20	125.21
		For Up To 0.65 CLF, Add	*31.87*	
		For >3.5 CLF, Deduct	*-36.24*	
07 92 13 00-0031	CLF	3/4" x 1" Joint, Acrylic/Latex Sealant And Caulking	642.55	136.60
		For Up To 0.5 CLF, Add	*37.95*	
		For >2.5 CLF, Deduct	*-43.77*	
07 92 13 00-0032	CLF	1" x 1" Joint, Acrylic/Latex Sealant And Caulking	765.66	151.40
		For Up To 0.4 CLF, Add	*46.04*	
		For >2 CLF, Deduct	*-53.80*	

07 92 13 00-0033 Polyurethane Sealant And Caulking *(07 92 13)*

Note: 1 or 2 part, non-sag.

07 92 13 00-0034	CLF	1/4" x 1/4" Joint, Polyurethane Sealant And Caulking	349.75	102.45
		For Up To 6 CLF, Add	*18.55*	
		For >30 CLF, Deduct	*-19.61*	
07 92 13 00-0035	CLF	1/4" x 3/8" Joint, Polyurethane Sealant And Caulking	370.95	102.45
		For Up To 4 CLF, Add	*20.14*	
		For >20 CLF, Deduct	*-21.73*	
07 92 13 00-0036	CLF	1/4" x 1/2" Joint, Polyurethane Sealant And Caulking	403.53	105.86
		For Up To 3 CLF, Add	*22.30*	
		For >15 CLF, Deduct	*-24.42*	
07 92 13 00-0037	CLF	3/8" x 3/8" Joint, Polyurethane Sealant And Caulking	414.13	105.86
		For Up To 2.5 CLF, Add	*23.09*	
		For >13 CLF, Deduct	*-25.48*	
07 92 13 00-0038	CLF	3/8" x 1/2" Joint, Polyurethane Sealant And Caulking	445.93	105.86
		For Up To 2 CLF, Add	*25.48*	
		For >10 CLF, Deduct	*-28.66*	
07 92 13 00-0039	CLF	3/8" x 5/8" Joint, Polyurethane Sealant And Caulking	477.73	105.86
		For Up To 1.5 CLF, Add	*27.86*	
		For >8 CLF, Deduct	*-31.84*	
07 92 13 00-0040	CLF	3/8" x 3/4" Joint, Polyurethane Sealant And Caulking	520.91	110.42
		For Up To 1.3 CLF, Add	*30.82*	
		For >7 CLF, Deduct	*-35.59*	
07 92 13 00-0041	CLF	1/2" x 1/2" Joint, Polyurethane Sealant And Caulking	499.71	110.42
		For Up To 1.4 CLF, Add	*29.23*	
		For >7.5 CLF, Deduct	*-33.47*	
07 92 13 00-0042	CLF	1/2" x 5/8" Joint, Polyurethane Sealant And Caulking	553.51	113.83
		For Up To 1.15 CLF, Add	*32.98*	
		For >6 CLF, Deduct	*-38.28*	
07 92 13 00-0043	CLF	1/2" x 3/4" Joint, Polyurethane Sealant And Caulking	595.91	113.83
		For Up To 1 CLF, Add	*36.16*	
		For >5 CLF, Deduct	*-42.52*	
07 92 13 00-0044	CLF	1/2" x 7/8" Joint, Polyurethane Sealant And Caulking	649.69	117.24
		For Up To 0.8 CLF, Add	*39.90*	
		For >4.5 CLF, Deduct	*-47.33*	
07 92 13 00-0045	CLF	1/2" x 1" Joint, Polyurethane Sealant And Caulking	703.47	121.80
		For Up To 0.75 CLF, Add	*43.65*	
		For >4 CLF, Deduct	*-52.13*	
07 92 13 00-0046	CLF	3/4" x 3/4" Joint, Polyurethane Sealant And Caulking	757.25	125.21
		For Up To 0.65 CLF, Add	*47.40*	
		For >3.5 CLF, Deduct	*-56.94*	
07 92 13 00-0047	CLF	3/4" x 1" Joint, Polyurethane Sealant And Caulking	918.61	136.60
		For Up To 0.5 CLF, Add	*58.65*	
		For >2.5 CLF, Deduct	*-71.37*	

07 92 13 00-0048 Flexible Polysulfide Sealant And Caulking, Clear *(07 92 13)*

Note: 1 or 2 part, non-sag.

07 92 13 00-0049	CLF	1/4" x 1/4" Joint, Polysulfide Sealant And Caulking	353.77	102.45
		For Up To 6 CLF, Add	*18.85*	
		For >30 CLF, Deduct	*-20.01*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 92 13 00-0050		CLF	1/4" x 3/8" Joint, Polysulfide Sealant And Caulking	377.01	102.45
			For Up To 4 CLF, Add	*20.59*	
			For >20 CLF, Deduct	*-22.33*	
07 92 13 00-0051		CLF	1/4" x 1/2" Joint, Polysulfide Sealant And Caulking	411.60	105.86
			For Up To 3 CLF, Add	*22.90*	
			For >15 CLF, Deduct	*-25.22*	
07 92 13 00-0052		CLF	3/8" x 3/8" Joint, Polysulfide Sealant And Caulking	423.21	105.86
			For Up To 2.5 CLF, Add	*23.77*	
			For >13 CLF, Deduct	*-26.38*	
07 92 13 00-0053		CLF	3/8" x 1/2" Joint, Polysulfide Sealant And Caulking	458.05	105.86
			For Up To 2 CLF, Add	*26.39*	
			For >10 CLF, Deduct	*-29.87*	
07 92 13 00-0054		CLF	3/8" x 5/8" Joint, Polysulfide Sealant And Caulking	492.86	105.86
			For Up To 1.5 CLF, Add	*29.00*	
			For >8 CLF, Deduct	*-33.35*	
07 92 13 00-0055		CLF	3/8" x 3/4" Joint, Polysulfide Sealant And Caulking	539.06	110.42
			For Up To 1.3 CLF, Add	*32.18*	
			For >7 CLF, Deduct	*-37.40*	
07 92 13 00-0056		CLF	1/2" x 1/2" Joint, Polysulfide Sealant And Caulking	515.85	110.42
			For Up To 1.4 CLF, Add	*30.44*	
			For >7.5 CLF, Deduct	*-35.08*	
07 92 13 00-0057		CLF	1/2" x 5/8" Joint, Polysulfide Sealant And Caulking	573.69	113.83
			For Up To 1.15 CLF, Add	*34.49*	
			For >6 CLF, Deduct	*-40.29*	
07 92 13 00-0058		CLF	1/2" x 3/4" Joint, Polysulfide Sealant And Caulking	620.11	113.83
			For Up To 1 CLF, Add	*37.97*	
			For >5 CLF, Deduct	*-44.94*	
07 92 13 00-0059		CLF	1/2" x 7/8" Joint, Polysulfide Sealant And Caulking	677.94	117.24
			For Up To 0.8 CLF, Add	*42.02*	
			For >4.5 CLF, Deduct	*-50.15*	
07 92 13 00-0060		CLF	1/2" x 1" Joint, Polysulfide Sealant And Caulking	735.74	121.80
			For Up To 0.75 CLF, Add	*46.07*	
			For >4 CLF, Deduct	*-55.36*	
07 92 13 00-0061		CLF	3/4" x 3/4" Joint, Polysulfide Sealant And Caulking	793.57	125.21
			For Up To 0.65 CLF, Add	*50.13*	
			For >3.5 CLF, Deduct	*-60.58*	
07 92 13 00-0062		CLF	3/4" x 1" Joint, Polysulfide Sealant And Caulking	967.02	136.60
			For Up To 0.5 CLF, Add	*62.28*	
			For >2.5 CLF, Deduct	*-76.21*	

07 92 13 00-0063 Flexible Polyurethane Security Sealant And Caulking *(07 92 13)*

Note: 1 or 2 part, non-sag.

07 92 13 00-0064		CLF	1/4" x 1/4" Joint, Flexible Polyurethane Security Sealant And Caulking	363.62	102.45
			For Up To 6 CLF, Add	*19.59*	
			For >30 CLF, Deduct	*-20.99*	
07 92 13 00-0065		CLF	1/4" x 3/8" Joint, Flexible Polyurethane Security Sealant And Caulking	391.76	102.45
			For Up To 4 CLF, Add	*21.70*	
			For >20 CLF, Deduct	*-23.81*	
07 92 13 00-0066		CLF	1/4" x 1/2" Joint, Flexible Polyurethane Security Sealant And Caulking	431.28	105.86
			For Up To 3 CLF, Add	*24.38*	
			For >15 CLF, Deduct	*-27.19*	
07 92 13 00-0067		CLF	3/8" x 3/8" Joint, Flexible Polyurethane Security Sealant And Caulking	445.35	105.86
			For Up To 2.5 CLF, Add	*25.43*	
			For >13 CLF, Deduct	*-28.60*	
07 92 13 00-0068		CLF	3/8" x 1/2" Joint, Flexible Polyurethane Security Sealant And Caulking	487.56	105.86
			For Up To 2 CLF, Add	*28.60*	
			For >10 CLF, Deduct	*-32.82*	
07 92 13 00-0069		CLF	3/8" x 5/8" Joint, Flexible Polyurethane Security Sealant And Caulking	529.76	105.86
			For Up To 1.5 CLF, Add	*31.76*	
			For >8 CLF, Deduct	*-37.04*	
07 92 13 00-0070		CLF	3/8" x 3/4" Joint, Flexible Polyurethane Security Sealant And Caulking	583.35	110.42
			For Up To 1.3 CLF, Add	*35.50*	
			For >7 CLF, Deduct	*-41.83*	
07 92 13 00-0071		CLF	1/2" x 1/2" Joint, Flexible Polyurethane Security Sealant And Caulking	555.21	110.42
			For Up To 1.4 CLF, Add	*33.39*	
			For >7.5 CLF, Deduct	*-39.02*	
07 92 13 00-0072		CLF	1/2" x 5/8" Joint, Flexible Polyurethane Security Sealant And Caulking	622.88	113.83
			For Up To 1.15 CLF, Add	*38.18*	
			For >6 CLF, Deduct	*-45.21*	
07 92 13 00-0073		CLF	1/2" x 3/4" Joint, Flexible Polyurethane Security Sealant And Caulking	679.15	113.83
			For Up To 1 CLF, Add	*42.40*	
			For >5 CLF, Deduct	*-50.84*	
07 92 13 00-0074		CLF	1/2" x 7/8" Joint, Flexible Polyurethane Security Sealant And Caulking	746.81	117.24
			For Up To 0.8 CLF, Add	*47.19*	
			For >4.5 CLF, Deduct	*-57.04*	
07 92 13 00-0075		CLF	1/2" x 1" Joint, Flexible Polyurethane Security Sealant And Caulking	814.46	121.80
			For Up To 0.75 CLF, Add	*51.98*	
			For >4 CLF, Deduct	*-63.23*	
07 92 13 00-0076		CLF	3/4" x 3/4" Joint, Flexible Polyurethane Security Sealant And Caulking	882.12	125.21
			For Up To 0.65 CLF, Add	*56.77*	
			For >3.5 CLF, Deduct	*-69.43*	
07 92 13 00-0077		CLF	3/4" x 1" Joint, Flexible Polyurethane Security Sealant And Caulking	1,085.10	136.60
			For Up To 0.5 CLF, Add	*71.14*	
			For >2.5 CLF, Deduct	*-88.02*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 92 19		**Acoustical Joint Sealants** *(07 92)*		
07 92 19 00-0001		Acoustical Sealant *(07 92 19)*		
07 92 19 00-0002	CLF	1/4" x 1/4" Joint, Acoustical Sealant	359.98	102.45
		For Custom Match Coloring, Add	*12.63*	
		For Up To 6 CLF, Add	*19.31*	
		For >30 CLF, Deduct	*-20.63*	
		For 1 Part Mildew Resistant, Add	*18.42*	
		For High-Modulus Non-Acid Curing, Add	*10.53*	
07 92 19 00-0003	CLF	1/4" x 3/8" Joint, Acoustical Sealant	379.96	102.45
		For Custom Match Coloring, Add	*17.43*	
		For Up To 4 CLF, Add	*20.81*	
		For >20 CLF, Deduct	*-22.63*	
		For 1 Part Mildew Resistant, Add	*25.41*	
		For High-Modulus Non-Acid Curing, Add	*14.52*	
07 92 19 00-0004	CLF	1/4" x 1/2" Joint, Acoustical Sealant	403.12	105.86
		For Custom Match Coloring, Add	*20.25*	
		For Up To 3 CLF, Add	*22.27*	
		For >15 CLF, Deduct	*-24.38*	
		For 1 Part Mildew Resistant, Add	*29.54*	
		For High-Modulus Non-Acid Curing, Add	*16.88*	
07 92 19 00-0005	CLF	3/8" x 3/8" Joint, Acoustical Sealant	435.82	105.86
		For Custom Match Coloring, Add	*28.10*	
		For Up To 2.5 CLF, Add	*24.72*	
		For >13 CLF, Deduct	*-27.65*	
		For 1 Part Mildew Resistant, Add	*40.98*	
		For High-Modulus Non-Acid Curing, Add	*23.42*	
07 92 19 00-0006	CLF	3/8" x 1/2" Joint, Acoustical Sealant	469.82	105.86
		For Custom Match Coloring, Add	*36.26*	
		For Up To 2 CLF, Add	*27.27*	
		For >10 CLF, Deduct	*-31.05*	
		For 1 Part Mildew Resistant, Add	*52.88*	
		For High-Modulus Non-Acid Curing, Add	*30.22*	
07 92 19 00-0007	CLF	1/2" x 1/2" Joint, Acoustical Sealant	543.00	110.42
		For Custom Match Coloring, Add	*51.09*	
		For Up To 1.4 CLF, Add	*32.47*	
		For >7.5 CLF, Deduct	*-37.79*	
		For 1 Part Mildew Resistant, Add	*74.51*	
		For High-Modulus Non-Acid Curing, Add	*42.58*	
07 95		**Expansion Control** *(07 90)*		
07 95 13		**Expansion Joint Cover Assemblies** *(07 95)*		
		Note: Includes necessary waterproofing mastics/caulking.		
07 95 13 13		**Interior Expansion Joint Cover Assemblies** *(07 95 13)*		
07 95 13 13-0001		Interior Floor Expansion Joint Cover Assemblies *(07 95 13 13)*		
07 95 13 13-0002		With 1" Space *(07 95 13 13-0001)*		
07 95 13 13-0003	LF	1" Opening Floor Assembly Type, With Aluminum Expansion Joint Cover	77.36	7.08
07 95 13 13-0004	LF	1" Opening Floor Assembly Type, With Bronze Expansion Joint Cover	58.67	7.08
07 95 13 13-0005	LF	1" Opening Floor Assembly Type, With Stainless Steel Expansion Joint Cover	97.18	7.08
07 95 13 13-0006		With 2" Space *(07 95 13 13-0001)*		
07 95 13 13-0007	LF	2" Opening Floor Assembly Type, Aluminum Expansion Joint Cover	103.59	7.08
07 95 13 13-0008	LF	2" Opening Floor Assembly Type, Bronze Expansion Joint Cover	69.92	7.08
07 95 13 13-0009	LF	2" Opening Floor Assembly Type, Stainless Steel Expansion Joint Cover	133.33	7.08
07 95 13 13-0010		Interior Ceiling And Wall Expansion Joint Cover Assemblies *(07 95 13 13)*		
07 95 13 13-0011		With 1" Space *(07 95 13 13-0010)*		
07 95 13 13-0012	LF	1" Opening Ceiling And Wall Assembly Type, Aluminum Expansion Joint Cover	57.29	7.08
07 95 13 13-0013	LF	1" Opening Ceiling And Wall Assembly Type, Bronze Expansion Joint Cover	53.58	7.08
07 95 13 13-0014	LF	1" Opening Ceiling And Wall Assembly Type, Stainless Steel Expansion Joint Cover	85.27	7.08
07 95 13 13-0015		With 2" Space *(07 95 13 13-0010)*		
07 95 13 13-0016	LF	2" Opening Ceiling And Wall Assembly Type, Aluminum Expansion Joint Cover	73.03	7.08
07 95 13 13-0017	LF	2" Opening Ceiling And Wall Assembly Type, Bronze Expansion Joint Cover	59.20	7.08
07 95 13 13-0018	LF	2" Opening Ceiling And Wall Assembly Type, Stainless Steel Expansion Joint Cover	103.34	7.08
07 95 13 16		**Exterior Expansion Joint Cover Assemblies** *(07 95 13)*		
07 95 13 16-0001		Exterior Roof Aluminum Expansion Joint Cover Assemblies *(07 95 13 16)*		
07 95 13 16-0002		Roof To Roof *(07 95 13 16-0001)*		
07 95 13 16-0003	LF	1" Opening Aluminum Assemblies, Exterior Roof To Roof Expansion Joint	105.31	4.72
07 95 13 16-0004	LF	2" Opening Aluminum Assemblies, Exterior Roof To Roof Expansion Joint	127.39	4.72

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 95 13 16-0005	LF	3" Opening Aluminum Assemblies, Exterior Roof To Roof Expansion Joint	142.60	4.72
07 95 13 16-0006		**Roof To Wall** *(07 95 13 16-0001)*		
07 95 13 16-0007	LF	1" Opening Aluminum Assemblies, Exterior Roof To Wall Expansion Joint	77.79	4.72
07 95 13 16-0008	LF	2" Opening Aluminum Assemblies, Exterior Roof To Wall Expansion Joint	104.82	4.72
07 95 13 16-0009		**Flat Wall To Wall** *(07 95 13 16-0001)*		
07 95 13 16-0010	LF	1" Opening Aluminum Assemblies, Exterior Wall To Wall Expansion Joint	57.50	4.72
07 95 13 16-0011	LF	2" Opening Aluminum Assemblies, Exterior Wall To Wall Expansion Joint	73.72	4.72
07 95 13 16-0012	LF	3" Opening Aluminum Assemblies, Exterior Wall To Wall Expansion Joint	93.28	4.72
07 95 13 16-0013		**Corner To Flat Wall** *(07 95 13 16-0001)*		
07 95 13 16-0014	LF	1" Opening Aluminum Assemblies, Exterior Corner To Wall Expansion Joint	53.89	4.72
07 95 13 16-0015	LF	2" Opening Aluminum Assemblies, Exterior Corner To Wall Expansion Joint	64.70	4.72
07 95 13 16-0016	LF	3" Opening Aluminum Assemblies, Exterior Corner To Wall Expansion Joint	95.07	4.72

END OF SECTION 07

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

08 Openings

08 01 Operation and Maintenance of Openings *(08)*

08 01 10 Operation and Maintenance of Doors and Frames *(08 01)*

08 01 11 Operation and Maintenance of Metal Doors and Frames *(08 01 10)*

08 01 11 61 Metal Doors and Frames Repair *(08 01 11)*

08 01 11 61-0001 Hollow Metal Door Repair *(08 01 11 61)*
Note: Repairs are based on holes or damage of less than 1/2 of a square foot.

08 01 11 61-0002	EA	Up To 1 SI, Patch Small Drill Holes	25.79
		Note: Per hinge location - sand to bare metal, mix/patch with bondo, fine grit sand smooth for finish	
08 01 11 61-0003	EA	>1 To 6 SI, Patch Small Drill Holes	51.72
		Note: Per hinge location - sand to bare metal, mix/patch with bondo, fine grit sand smooth for finish	
08 01 11 61-0004	LF	Patch Deep Scrapes Or Cuts In Doors	62.24

08 01 50 Operation and Maintenance of Windows *(08 01)*

08 01 52 Operation and Maintenance of Wood Windows *(08 01 50)*

08 01 52 61 Wood Window Repairs *(08 01 52)*

08 01 52 61-0001 Window Restoration And Replacement *(08 01 52 61)*

08 01 52 61-0002	EA	Removal And Replacement Of Sash Guides	12.94
08 01 52 61-0003	EA	Removal And Replacement Of Window Arms	37.17
08 01 52 61-0004	EA	Removal And Replacement Of Window Crank Operator	42.28
08 01 52 61-0005	EA	Removal And Replacement Of Brass Window Sash Pull	26.05
08 01 52 61-0006	EA	Removal And Replacement Of Brass Window Sash Lock	23.12
08 01 52 61-0007	EA	Removal And Replacement Of Window Balance, Removable Sash Window	28.59
		Note: Channel, spiral or coil balance.	
08 01 52 61-0008	EA	Removal And Replacement Of Window Balance, Sash Window, Wooden Stops And/or Casing	85.53
		Note: Channel, spiral or coil balance.	
		For Replacing Two Balances In One Window, Deduct	*-31.43*

08 01 70 Operation and Maintenance of Hardware *(08 01)*

08 01 71 Operation and Maintenance of Door Hardware *(08 01 70)*

08 01 71 81 Door Hardware Replacement *(08 01 71)*

08 01 71 81-0001 Replace Door Hardware *(08 01 71 81)*

08 01 71 81-0002 Replace Door Hardware Strikes *(08 01 71 81-0001)*

08 01 71 81-0003	EA	Replace 2-1/4" x 1" Round Corner, Door Strike (Pamex FD5SP)	13.26
		Note: All finishes.	

08 01 71 81-0004 Replace Door Hardware Deadbolts, Latches And Accessories *(08 01 71 81-0001)*

08 01 71 81-0005	EA	Replace 1" x 2-1/4" Dual Option Deadbolt Latch (Schlage 12-321)	74.94
		Note: Includes all finishes	
08 01 71 81-0006	EA	Replace 1" x 2-1/4" Satin Chrome Finish, Adjustable Deadbolt Latch (Schlage 12-288-626)	62.47
08 01 71 81-0007	EA	Replace 1" x 2-1/4" Satin Nickel Finish, Adjustable Deadbolt Latch (Schlage 12-288-619)	87.58
08 01 71 81-0008	EA	Replace Dead Bolt Adaptor Ring (Schlage 38-017)	61.95
		Note: Includes one 38-031 adaptor for cylinder and one 38-032 adaptor for B250 thumbturn	

08 01 80 Maintenance of Glazing *(08 01)*

08 01 81 Maintenance of Glass Glazing *(08 01 80)*

08 01 81 10 Maintenance of Glass Glazing *(08 01 81)*

08 01 81 10-0001 Glazing Compound Repair *(08 01 81 10)*

08 01 81 10-0002	LF	Removal And Replacement Of Up To 1/2" Wide Damaged, Broken Or Cracked Window Glazing (For Glazing Compound Repair)	8.60

08 05 Common Work Results for Openings *(08)*

08 05 13 Door Options and Modifications *(08 05)*

Note: Excludes removal and reinstallation of door.

08 05 13 00-0001 Door Vision Panels (Pemko LT-S1) *(08 05 13)*
Note: Factory primed or powder coated. See CSI section 08 81 00 00-0000 for glazing.

08 05 13 00-0002	EA	For Up To 1 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	151.19
		For 9/16" To 1-1/16" Glazing Pocket, Add	*75.60*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 05 13 00-0003	EA	For >1 To 2 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	191.38	
		For 9/16" To 1-1/16" Glazing Pocket, Add	*95.69*	
08 05 13 00-0004	EA	For >2 To 4 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	222.00	
		For 9/16" To 1-1/16" Glazing Pocket, Add	*111.00*	
08 05 13 00-0005	EA	For >4 To 6 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	283.24	
		For 9/16" To 1-1/16" Glazing Pocket, Add	*141.62*	
08 05 13 00-0006	EA	For >6 To 8 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	367.44	
		For 9/16" To 1-1/16" Glazing Pocket, Add	*183.72*	
08 05 13 00-0007	EA	For >8 To 10 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	468.87	
		For 9/16" To 1-1/16" Glazing Pocket, Add	*234.44*	
08 05 13 00-0008	EA	For >10 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	497.58	
		For 9/16" To 1-1/16" Glazing Pocket, Add	*248.79*	
08 05 13 00-0009	EA	For Up To 1 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	251.32	
		For 9/16" To 1-1/16" Glazing Pocket, Add	*68.72*	
08 05 13 00-0010	EA	For >1 To 2 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	299.25	
		For 9/16" To 1-1/16" Glazing Pocket, Add	*86.99*	
08 05 13 00-0011	EA	For >2 To 4 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	338.46	
		For 9/16" To 1-1/16" Glazing Pocket, Add	*100.91*	
08 05 13 00-0012	EA	For >4 To 6 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	405.53	
		For 9/16" To 1-1/16" Glazing Pocket, Add	*128.75*	
08 05 13 00-0013	EA	For >6 To 8 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	493.47	
		For 9/16" To 1-1/16" Glazing Pocket, Add	*167.02*	
08 05 13 00-0014	EA	For >8 To 10 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	597.06	
		For 9/16" To 1-1/16" Glazing Pocket, Add	*213.12*	
08 05 13 00-0015	EA	For >10 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	634.55	
		For 9/16" To 1-1/16" Glazing Pocket, Add	*226.17*	

08 05 13 00-0016 Door Louvers, Inverted "Y" 50% Free Air (Pemko LV-IY) *(08 05 13)*

Note: Factory primed or powder coated.

08 05 13 00-0017	EA	For Up To 1 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	144.16	
08 05 13 00-0018	EA	For >1 To 2 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	163.77	
08 05 13 00-0019	EA	For >2 To 4 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	222.58	
08 05 13 00-0020	EA	For >4 To 6 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	415.06	
08 05 13 00-0021	EA	For >6 To 8 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	513.29	
08 05 13 00-0022	EA	For >8 To 10 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	613.10	
08 05 13 00-0023	EA	For >10 To 14 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	800.04	
08 05 13 00-0024	EA	For >14 To 18 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	941.76	
		For 18 Gauge Louver And 18 Gauge Frame, Add	*113.01*	
08 05 13 00-0025	EA	For Up To 1 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	229.57	
08 05 13 00-0026	EA	For >1 To 2 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	257.72	
08 05 13 00-0027	EA	For >2 To 4 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	325.07	
08 05 13 00-0028	EA	For >4 To 6 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	526.09	
08 05 13 00-0029	EA	For >6 To 8 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	632.87	
08 05 13 00-0030	EA	For >8 To 10 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	741.21	
08 05 13 00-0031	EA	For >10 To 14 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	936.69	
08 05 13 00-0032	EA	For >14 To 18 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	1,084.11	
		For 18 Gauge Louver And 18 Gauge Frame, Add	*113.01*	

08 05 13 00-0033 Fire Rated Fusible Link Louvers (Pemko LV-FL) *(08 05 13)*

Note: Factory primed or powder coated.

08 05 13 00-0034	EA	For Up To 1 SF, Factory Installed 16 Gauge Galvannealed Adjustable "Z Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add	291.93	
08 05 13 00-0035	EA	For >1 To 2 SF, Factory Installed 16 Gauge Galvannealed Adjustable "Z Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add	334.06	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 05 13 00-0036	EA	For >2 To 4 SF, Factory Installed 16 Gauge Galvannealed Adjustable "Z Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add	392.39	
08 05 13 00-0037	EA	For Up To 1 SF, Site Installed 16 Gauge Galvannealed Adjustable "Z Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add	394.42	
08 05 13 00-0038	EA	For >1 To 2 SF, Site Installed 16 Gauge Galvannealed Adjustable "Z Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add	447.94	
08 05 13 00-0039	EA	For >2 To 4 SF, Site Installed 16 Gauge Galvannealed Adjustable "Z Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add	515.38	

08 05 13 00-0040 Door Hardware Preparation *(08 05 13)*

08 05 13 00-0041	EA	Factory Prepare Wood Door (Rated Or Non-Rated) For Mortise Lockset Hardware	85.37	
08 05 13 00-0042	EA	Prepare Existing Wood Door (Rated) For Mortise Lockset Hardware Note: Requires door to be taken off site for UL certification.	210.59	
08 05 13 00-0043	EA	Prepare Existing Wood Door (Non-Rated) For Mortise Lockset Hardware	96.75	
08 05 13 00-0044	EA	Prepare Existing Wood Door (Rated) For Cylindrical Lockset Hardware Note: Requires door to be taken off site for UL certification.	170.75	
08 05 13 00-0045	EA	Prepare Existing Wood Door (Non-Rated) For Cylindrical Lockset Hardware	28.46	
08 05 13 00-0046	EA	Prepare Existing Wood Door (Rated) For Concealed Vertical Rod Note: Requires door to be taken off site for UL certification.	313.07	
08 05 13 00-0047	EA	Prepare Existing Wood Door (Non-Rated) For Concealed Vertical Rod	199.20	
08 05 13 00-0048	EA	Prepare Existing Wood Door (Rated) For Electric Hardware Note: Requires door to be taken off site for UL certification.	210.59	
08 05 13 00-0049	EA	Prepare Existing Wood Door (Non-Rated) For Electric Hardware	96.75	

08 05 13 00-0050 Door Modifications *(08 05 13)*

08 05 13 00-0051	EA	Removal And Reinstallation Of Door	96.79	
08 05 13 00-0052	EA	Removal And Reinstallation Of Metal Door Frame	189.80	
08 05 13 00-0053	EA	Trim Bottom Of Existing Steel Door For Installation Of Carpet Or Tile Note: Excludes removal and reinstallation of door.	102.49	
08 05 13 00-0054	EA	Modify Metal Door Frame For Door Swing Note: Includes removal of door; install blank hinge plates, new continuous hinge, blank strike plate, new strike plate and reinstallation of door.	1,323.42	
08 05 13 00-0055	EA	Factory Installed Sound Proofing (STC 28) In Metal Door	120.08	
08 05 13 00-0056	SF	For 16 Gauge Steel Metal Plate Bolted On Door Note: Includes mounting hardware.	25.28	
08 05 13 00-0057	EA	Removal And Reinstallation Of Wood Door Frame	114.70	
08 05 13 00-0058	EA	Trim Bottom Of Existing Wood Door For Installation Of Carpet Or Tile Note: Excludes removal and reinstallation of door.	51.61	
08 05 13 00-0059	EA	Factory Trim Wood Door Edge For Custom Width	74.55	

08 10 Doors and Frames *(08)*

08 11 Metal Doors and Frames *(08 10)*

08 11 63 Metal Screen and Storm Doors and Frames *(08 11)*

08 11 63 13 Steel Screen and Storm Doors and Frames *(08 11 63)*

08 11 63 13-0001 Steel Screen Door *(08 11 63 13)*

Note: Includes frame, trim, necessary anchors and hardware (closures, chain and spring, latching, screens, etc.).

08 11 63 13-0002	EA	2'-8" x 7', Residential, Steel Screen Door With Frame, Trim, Hardware	888.68	156.59
08 11 63 13-0003	EA	3' x 7' Steel Screen Door, Residential, With Frame, Trim, Hardware	900.12	162.28
08 11 63 13-0004	EA	Steel Combination Type Residential Storm Door, With Mesh And Tempered Glass With Frame, Trim, Hardware	1,268.95	162.28

08 11 63 23 Aluminum Screen and Storm Doors and Frames *(08 11 63)*

08 11 63 23-0001 Aluminum Combination Type With Tempered Glass At Top And Bottom *(08 11 63 23)*

Note: Includes frame trim, necessary anchors and usual hardware (closures, chain and spring, latching, screens, etc.).

08 11 63 23-0002	EA	Aluminum Combination Type Residential Storm Door, Tempered Glass Top With Frame, Trim, Hardware	1,084.02	91.11
		For Special Finished, Add	*102.75*	
08 11 63 23-0003	EA	Aluminum Combination Type Residential Storm Door, Tempered Glass Top And Bottom With Frame, Trim, Hardware	1,141.77	91.11
08 11 63 23-0004	EA	Aluminum Screen Door	318.08	56.92
08 11 63 23-0005	SF	Repair Screen Door	18.53	

08 11 73 Sliding Metal Fire Doors *(08 11)*

08 11 73 00-0001 Motor Operated Fire Door With Fusible Link *(08 11 73)*

Note: 3 hour rating. Excludes electrical hook-up of motor.

08 11 73 00-0002	EA	3' x 6' 8" Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating	4,718.11	590.15
08 11 73 00-0003	EA	3' 8" x 6' 8" Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating	5,009.91	590.15
08 11 73 00-0004	EA	4' x 8' Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating	5,496.71	590.15
08 11 73 00-0005	EA	5' x 8' Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating	6,027.82	590.15

08 12 Metal Frames *(08 10)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

Note: Includes perimeter caulk, sealant (as required), anchors and silencers.

08 12 13 Hollow Metal Frames *(08 12)*

08 12 13 13 Standard Hollow Metal Frames *(08 12 13)*

Note: Shop prime coat. See CSI section 04 05 16 26-0017 for grouting frames.

08 12 13 13-0001 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13)*

Note: For non-rated or fire rated frame assemblies

08 12 13 13-0002 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0001)*

08 12 13 13-0003	EA	2' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	739.69	85.41
		For Auxiliary Frame Reinforcement For Hinges, Add	*85.33*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*68.26*	
		For Type 304 Stainless Steel Frame, Add	*1,032.51*	
		For Type 316 Stainless Steel Frame, Add	*1,203.17*	
		For Baked Enamel Finish, Add	*196.28*	
		For 18 Gauge Frame, Deduct	*-56.89*	
		For 14 Gauge Frame, Add	*142.22*	
		For 12 Gauge Frame, Add	*216.17*	
08 12 13 13-0004	EA	2'-4" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	865.13	93.95
		For Auxiliary Frame Reinforcement For Hinges, Add	*101.58*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*81.27*	
		For Type 304 Stainless Steel Frame, Add	*1,228.41*	
		For Type 316 Stainless Steel Frame, Add	*1,431.58*	
		For Baked Enamel Finish, Add	*231.35*	
		For 18 Gauge Frame, Deduct	*-67.72*	
		For 14 Gauge Frame, Add	*169.31*	
		For 12 Gauge Frame, Add	*257.35*	
08 12 13 13-0005	EA	2'-6" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	887.36	99.64
		For Auxiliary Frame Reinforcement For Hinges, Add	*103.21*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*82.57*	
		For Type 304 Stainless Steel Frame, Add	*1,248.49*	
		For Type 316 Stainless Steel Frame, Add	*1,454.91*	
		For Baked Enamel Finish, Add	*236.31*	
		For 18 Gauge Frame, Deduct	*-68.81*	
		For 14 Gauge Frame, Add	*172.02*	
		For 12 Gauge Frame, Add	*261.47*	
08 12 13 13-0006	EA	2'-8" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	904.44	108.18
		For Auxiliary Frame Reinforcement For Hinges, Add	*103.21*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*82.57*	
		For Type 304 Stainless Steel Frame, Add	*1,249.34*	
		For Type 316 Stainless Steel Frame, Add	*1,455.77*	
		For Baked Enamel Finish, Add	*238.88*	
		For 18 Gauge Frame, Deduct	*-68.81*	
		For 14 Gauge Frame, Add	*172.02*	
		For 12 Gauge Frame, Add	*261.47*	
08 12 13 13-0007	EA	2'-10" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	920.97	111.03
		For Auxiliary Frame Reinforcement For Hinges, Add	*104.84*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*83.87*	
		For Type 304 Stainless Steel Frame, Add	*1,269.12*	
		For Type 316 Stainless Steel Frame, Add	*1,478.79*	
		For Baked Enamel Finish, Add	*242.98*	
		For 18 Gauge Frame, Deduct	*-69.89*	
		For 14 Gauge Frame, Add	*174.73*	
		For 12 Gauge Frame, Add	*265.58*	
08 12 13 13-0008	EA	3' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	937.50	113.88
		For Auxiliary Frame Reinforcement For Hinges, Add	*106.46*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*85.17*	
		For Type 304 Stainless Steel Frame, Add	*1,288.92*	
		For Type 316 Stainless Steel Frame, Add	*1,501.84*	
		For Baked Enamel Finish, Add	*247.09*	
		For 18 Gauge Frame, Deduct	*-70.97*	
		For 14 Gauge Frame, Add	*177.44*	
		For 12 Gauge Frame, Add	*269.70*	
08 12 13 13-0009	EA	3'-4" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	997.64	119.58
		For Auxiliary Frame Reinforcement For Hinges, Add	*113.78*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*91.02*	
		For Type 304 Stainless Steel Frame, Add	*1,377.26*	
		For Type 316 Stainless Steel Frame, Add	*1,604.81*	
		For Baked Enamel Finish, Add	*263.42*	
		For 18 Gauge Frame, Deduct	*-75.85*	
		For 14 Gauge Frame, Add	*189.63*	
		For 12 Gauge Frame, Add	*288.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0010	EA	3'-6" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,009.03	125.27
		For Auxiliary Frame Reinforcement For Hinges, Add	*113.78*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*91.02*	
		For Type 304 Stainless Steel Frame, Add	*1,377.83*	
		For Type 316 Stainless Steel Frame, Add	*1,605.38*	
		For Baked Enamel Finish, Add	*265.13*	
		For 18 Gauge Frame, Deduct	*-75.85*	
		For 14 Gauge Frame, Add	*189.63*	
		For 12 Gauge Frame, Add	*288.23*	
08 12 13 13-0011	EA	4' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,047.51	130.96
		For Auxiliary Frame Reinforcement For Hinges, Add	*117.84*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*94.27*	
		For Type 304 Stainless Steel Frame, Add	*1,427.16*	
		For Type 316 Stainless Steel Frame, Add	*1,662.84*	
		For Baked Enamel Finish, Add	*274.97*	
		For 18 Gauge Frame, Deduct	*-78.56*	
		For 14 Gauge Frame, Add	*196.40*	
		For 12 Gauge Frame, Add	*298.52*	
08 12 13 13-0012	EA	5' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,085.99	136.65
		For Auxiliary Frame Reinforcement For Hinges, Add	*121.90*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*97.52*	
		For Type 304 Stainless Steel Frame, Add	*1,476.49*	
		For Type 316 Stainless Steel Frame, Add	*1,720.29*	
		For Baked Enamel Finish, Add	*284.80*	
		For 18 Gauge Frame, Deduct	*-81.27*	
		For 14 Gauge Frame, Add	*203.17*	
		For 12 Gauge Frame, Add	*308.82*	
08 12 13 13-0013	EA	5'-4" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,097.38	142.35
		For Auxiliary Frame Reinforcement For Hinges, Add	*121.90*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*97.52*	
		For Type 304 Stainless Steel Frame, Add	*1,477.06*	
		For Type 316 Stainless Steel Frame, Add	*1,720.86*	
		For Baked Enamel Finish, Add	*286.51*	
		For 18 Gauge Frame, Deduct	*-81.27*	
		For 14 Gauge Frame, Add	*203.17*	
		For 12 Gauge Frame, Add	*308.82*	
08 12 13 13-0014	EA	5'-8" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,116.61	145.20
		For Auxiliary Frame Reinforcement For Hinges, Add	*123.93*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*99.15*	
		For Type 304 Stainless Steel Frame, Add	*1,501.72*	
		For Type 316 Stainless Steel Frame, Add	*1,749.58*	
		For Baked Enamel Finish, Add	*291.42*	
		For 18 Gauge Frame, Deduct	*-82.62*	
		For 14 Gauge Frame, Add	*206.56*	
		For 12 Gauge Frame, Add	*313.96*	
08 12 13 13-0015	EA	6' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,135.86	148.04
		For Auxiliary Frame Reinforcement For Hinges, Add	*125.97*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*100.77*	
		For Type 304 Stainless Steel Frame, Add	*1,526.39*	
		For Type 316 Stainless Steel Frame, Add	*1,778.32*	
		For Baked Enamel Finish, Add	*296.34*	
		For 18 Gauge Frame, Deduct	*-83.98*	
		For 14 Gauge Frame, Add	*209.94*	
		For 12 Gauge Frame, Add	*319.11*	
08 12 13 13-0016	EA	7' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,195.72	150.89
		For Auxiliary Frame Reinforcement For Hinges, Add	*134.09*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*107.27*	
		For Type 304 Stainless Steel Frame, Add	*1,624.18*	
		For Type 316 Stainless Steel Frame, Add	*1,892.36*	
		For Baked Enamel Finish, Add	*313.45*	
		For 18 Gauge Frame, Deduct	*-89.39*	
		For 14 Gauge Frame, Add	*223.49*	
		For 12 Gauge Frame, Add	*339.70*	
08 12 13 13-0017	EA	8' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,255.60	153.74
		For Auxiliary Frame Reinforcement For Hinges, Add	*142.22*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*113.77*	
		For Type 304 Stainless Steel Frame, Add	*1,721.99*	
		For Type 316 Stainless Steel Frame, Add	*2,006.43*	
		For Baked Enamel Finish, Add	*330.56*	
		For 18 Gauge Frame, Deduct	*-94.81*	
		For 14 Gauge Frame, Add	*237.03*	
		For 12 Gauge Frame, Add	*360.29*	

08 12 13 13-0018 >7'-2" Through 9'-0" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0019	EA	2' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	802.90	85.41
		For Auxiliary Frame Reinforcement For Hinges, Add	*94.81*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*75.85*	
		For Type 304 Stainless Steel Frame, Add	*1,146.29*	
		For Type 316 Stainless Steel Frame, Add	*1,335.91*	
		For Baked Enamel Finish, Add	*215.25*	
		For 18 Gauge Frame, Deduct	*-63.21*	
		For 14 Gauge Frame, Add	*158.02*	
		For 12 Gauge Frame, Add	*240.19*	
08 12 13 13-0020	EA	2'-4" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	940.38	93.95
		For Auxiliary Frame Reinforcement For Hinges, Add	*112.87*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*90.30*	
		For Type 304 Stainless Steel Frame, Add	*1,363.86*	
		For Type 316 Stainless Steel Frame, Add	*1,589.60*	
		For Baked Enamel Finish, Add	*253.93*	
		For 18 Gauge Frame, Deduct	*-75.25*	
		For 14 Gauge Frame, Add	*188.12*	
		For 12 Gauge Frame, Add	*285.94*	
08 12 13 13-0021	EA	2'-6" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	963.81	99.64
		For Auxiliary Frame Reinforcement For Hinges, Add	*114.68*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*91.74*	
		For Type 304 Stainless Steel Frame, Add	*1,386.10*	
		For Type 316 Stainless Steel Frame, Add	*1,615.46*	
		For Baked Enamel Finish, Add	*259.25*	
		For 18 Gauge Frame, Deduct	*-76.45*	
		For 14 Gauge Frame, Add	*191.13*	
		For 12 Gauge Frame, Add	*290.52*	
08 12 13 13-0022	EA	2'-8" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	980.89	108.18
		For Auxiliary Frame Reinforcement For Hinges, Add	*114.68*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*91.74*	
		For Type 304 Stainless Steel Frame, Add	*1,386.95*	
		For Type 316 Stainless Steel Frame, Add	*1,616.31*	
		For Baked Enamel Finish, Add	*261.81*	
		For 18 Gauge Frame, Deduct	*-76.45*	
		For 14 Gauge Frame, Add	*191.13*	
		For 12 Gauge Frame, Add	*290.52*	
08 12 13 13-0023	EA	2'-10" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	998.63	111.03
		For Auxiliary Frame Reinforcement For Hinges, Add	*116.48*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*93.19*	
		For Type 304 Stainless Steel Frame, Add	*1,408.91*	
		For Type 316 Stainless Steel Frame, Add	*1,641.88*	
		For Baked Enamel Finish, Add	*266.28*	
		For 18 Gauge Frame, Deduct	*-77.66*	
		For 14 Gauge Frame, Add	*194.14*	
		For 12 Gauge Frame, Add	*295.09*	
08 12 13 13-0024	EA	3' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,016.36	113.88
		For Auxiliary Frame Reinforcement For Hinges, Add	*118.29*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*94.63*	
		For Type 304 Stainless Steel Frame, Add	*1,430.87*	
		For Type 316 Stainless Steel Frame, Add	*1,667.45*	
		For Baked Enamel Finish, Add	*270.74*	
		For 18 Gauge Frame, Deduct	*-78.86*	
		For 14 Gauge Frame, Add	*197.15*	
		For 12 Gauge Frame, Add	*299.67*	
08 12 13 13-0025	EA	3'-4" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,081.92	119.58
		For Auxiliary Frame Reinforcement For Hinges, Add	*126.42*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*101.13*	
		For Type 304 Stainless Steel Frame, Add	*1,528.96*	
		For Type 316 Stainless Steel Frame, Add	*1,781.80*	
		For Baked Enamel Finish, Add	*288.71*	
		For 18 Gauge Frame, Deduct	*-84.28*	
		For 14 Gauge Frame, Add	*210.70*	
		For 12 Gauge Frame, Add	*320.26*	
08 12 13 13-0026	EA	3'-6" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,093.31	125.27
		For Auxiliary Frame Reinforcement For Hinges, Add	*126.42*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*101.13*	
		For Type 304 Stainless Steel Frame, Add	*1,529.53*	
		For Type 316 Stainless Steel Frame, Add	*1,782.36*	
		For Baked Enamel Finish, Add	*290.41*	
		For 18 Gauge Frame, Deduct	*-84.28*	
		For 14 Gauge Frame, Add	*210.70*	
		For 12 Gauge Frame, Add	*320.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0027	EA	4' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,134.80	130.96
		For Auxiliary Frame Reinforcement For Hinges, Add	*130.93*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*104.75*	
		For Type 304 Stainless Steel Frame, Add	*1,584.28*	
		For Type 316 Stainless Steel Frame, Add	*1,846.14*	
		For Baked Enamel Finish, Add	*301.15*	
		For 18 Gauge Frame, Deduct	*-87.29*	
		For 14 Gauge Frame, Add	*218.22*	
		For 12 Gauge Frame, Add	*331.69*	
08 12 13 13-0028	EA	5' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,176.28	136.65
		For Auxiliary Frame Reinforcement For Hinges, Add	*135.45*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*108.36*	
		For Type 304 Stainless Steel Frame, Add	*1,639.01*	
		For Type 316 Stainless Steel Frame, Add	*1,909.90*	
		For Baked Enamel Finish, Add	*311.89*	
		For 18 Gauge Frame, Deduct	*-90.30*	
		For 14 Gauge Frame, Add	*225.74*	
		For 12 Gauge Frame, Add	*343.13*	
08 12 13 13-0029	EA	5'-4" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,187.67	142.35
		For Auxiliary Frame Reinforcement For Hinges, Add	*135.45*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*108.36*	
		For Type 304 Stainless Steel Frame, Add	*1,639.58*	
		For Type 316 Stainless Steel Frame, Add	*1,910.47*	
		For Baked Enamel Finish, Add	*313.60*	
		For 18 Gauge Frame, Deduct	*-90.30*	
		For 14 Gauge Frame, Add	*225.74*	
		For 12 Gauge Frame, Add	*343.13*	
08 12 13 13-0030	EA	5'-8" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,208.41	145.20
		For Auxiliary Frame Reinforcement For Hinges, Add	*137.70*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*110.16*	
		For Type 304 Stainless Steel Frame, Add	*1,666.96*	
		For Type 316 Stainless Steel Frame, Add	*1,942.36*	
		For Baked Enamel Finish, Add	*318.96*	
		For 18 Gauge Frame, Deduct	*-91.80*	
		For 14 Gauge Frame, Add	*229.51*	
		For 12 Gauge Frame, Add	*348.85*	
08 12 13 13-0031	EA	6' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,229.16	148.04
		For Auxiliary Frame Reinforcement For Hinges, Add	*139.96*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*111.97*	
		For Type 304 Stainless Steel Frame, Add	*1,694.33*	
		For Type 316 Stainless Steel Frame, Add	*1,974.25*	
		For Baked Enamel Finish, Add	*324.33*	
		For 18 Gauge Frame, Deduct	*-93.31*	
		For 14 Gauge Frame, Add	*233.27*	
		For 12 Gauge Frame, Add	*354.57*	
08 12 13 13-0032	EA	7' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,295.05	150.89
		For Auxiliary Frame Reinforcement For Hinges, Add	*148.99*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*119.19*	
		For Type 304 Stainless Steel Frame, Add	*1,802.98*	
		For Type 316 Stainless Steel Frame, Add	*2,100.96*	
		For Baked Enamel Finish, Add	*343.25*	
		For 18 Gauge Frame, Deduct	*-99.33*	
		For 14 Gauge Frame, Add	*248.32*	
		For 12 Gauge Frame, Add	*377.44*	
08 12 13 13-0033	EA	8' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,360.95	153.74
		For Auxiliary Frame Reinforcement For Hinges, Add	*158.02*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*126.42*	
		For Type 304 Stainless Steel Frame, Add	*1,911.62*	
		For Type 316 Stainless Steel Frame, Add	*2,227.66*	
		For Baked Enamel Finish, Add	*362.16*	
		For 18 Gauge Frame, Deduct	*-105.35*	
		For 14 Gauge Frame, Add	*263.37*	
		For 12 Gauge Frame, Add	*400.32*	

08 12 13 13-0034 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13)*
Note: For non-rated or fire rated frame assemblies

08 12 13 13-0035 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0034)*

08 12 13 13-0036	EA	2' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	802.90	85.41
		For Auxiliary Frame Reinforcement For Hinges, Add	*94.81*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*75.85*	
		For Type 304 Stainless Steel Frame, Add	*1,146.29*	
		For Type 316 Stainless Steel Frame, Add	*1,335.91*	
		For Baked Enamel Finish, Add	*215.25*	
		For 18 Gauge Frame, Deduct	*-63.21*	
		For 14 Gauge Frame, Add	*158.02*	
		For 12 Gauge Frame, Add	*240.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0037	EA	2'-4" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	940.38	93.95
		For Auxiliary Frame Reinforcement For Hinges, Add	*112.87*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*90.30*	
		For Type 304 Stainless Steel Frame, Add	*1,363.86*	
		For Type 316 Stainless Steel Frame, Add	*1,589.60*	
		For Baked Enamel Finish, Add	*253.93*	
		For 18 Gauge Frame, Deduct	*-75.25*	
		For 14 Gauge Frame, Add	*188.12*	
		For 12 Gauge Frame, Add	*285.94*	
08 12 13 13-0038	EA	2'-6" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	963.81	99.64
		For Auxiliary Frame Reinforcement For Hinges, Add	*114.68*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*91.74*	
		For Type 304 Stainless Steel Frame, Add	*1,386.10*	
		For Type 316 Stainless Steel Frame, Add	*1,615.46*	
		For Baked Enamel Finish, Add	*259.25*	
		For 18 Gauge Frame, Deduct	*-76.45*	
		For 14 Gauge Frame, Add	*191.13*	
		For 12 Gauge Frame, Add	*290.52*	
08 12 13 13-0039	EA	2'-8" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	980.89	108.18
		For Auxiliary Frame Reinforcement For Hinges, Add	*114.68*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*91.74*	
		For Type 304 Stainless Steel Frame, Add	*1,386.95*	
		For Type 316 Stainless Steel Frame, Add	*1,616.31*	
		For Baked Enamel Finish, Add	*261.81*	
		For 18 Gauge Frame, Deduct	*-76.45*	
		For 14 Gauge Frame, Add	*191.13*	
		For 12 Gauge Frame, Add	*290.52*	
08 12 13 13-0040	EA	2'-10" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	998.63	111.03
		For Auxiliary Frame Reinforcement For Hinges, Add	*116.48*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*93.19*	
		For Type 304 Stainless Steel Frame, Add	*1,408.91*	
		For Type 316 Stainless Steel Frame, Add	*1,641.88*	
		For Baked Enamel Finish, Add	*266.28*	
		For 18 Gauge Frame, Deduct	*-77.66*	
		For 14 Gauge Frame, Add	*194.14*	
		For 12 Gauge Frame, Add	*295.09*	
08 12 13 13-0041	EA	3' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,016.36	113.88
		For Auxiliary Frame Reinforcement For Hinges, Add	*118.29*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*94.63*	
		For Type 304 Stainless Steel Frame, Add	*1,430.87*	
		For Type 316 Stainless Steel Frame, Add	*1,667.45*	
		For Baked Enamel Finish, Add	*270.74*	
		For 18 Gauge Frame, Deduct	*-78.86*	
		For 14 Gauge Frame, Add	*197.15*	
		For 12 Gauge Frame, Add	*299.67*	
08 12 13 13-0042	EA	3'-4" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,081.92	119.58
		For Auxiliary Frame Reinforcement For Hinges, Add	*126.42*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*101.13*	
		For Type 304 Stainless Steel Frame, Add	*1,528.96*	
		For Type 316 Stainless Steel Frame, Add	*1,781.80*	
		For Baked Enamel Finish, Add	*288.71*	
		For 18 Gauge Frame, Deduct	*-84.28*	
		For 14 Gauge Frame, Add	*210.70*	
		For 12 Gauge Frame, Add	*320.26*	
08 12 13 13-0043	EA	3'-6" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,093.31	125.27
		For Auxiliary Frame Reinforcement For Hinges, Add	*126.42*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*101.13*	
		For Type 304 Stainless Steel Frame, Add	*1,529.53*	
		For Type 316 Stainless Steel Frame, Add	*1,782.36*	
		For Baked Enamel Finish, Add	*290.41*	
		For 18 Gauge Frame, Deduct	*-84.28*	
		For 14 Gauge Frame, Add	*210.70*	
		For 12 Gauge Frame, Add	*320.26*	
08 12 13 13-0044	EA	4' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,134.79	130.96
		For Auxiliary Frame Reinforcement For Hinges, Add	*130.93*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*104.74*	
		For Type 304 Stainless Steel Frame, Add	*1,584.26*	
		For Type 316 Stainless Steel Frame, Add	*1,846.12*	
		For Baked Enamel Finish, Add	*301.15*	
		For 18 Gauge Frame, Deduct	*-87.29*	
		For 14 Gauge Frame, Add	*218.22*	
		For 12 Gauge Frame, Add	*331.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0045	EA	5' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,176.28	136.65
		For Auxiliary Frame Reinforcement For Hinges, Add	*135.45*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*108.36*	
		For Type 304 Stainless Steel Frame, Add	*1,639.01*	
		For Type 316 Stainless Steel Frame, Add	*1,909.90*	
		For Baked Enamel Finish, Add	*311.89*	
		For 18 Gauge Frame, Deduct	*-90.30*	
		For 14 Gauge Frame, Add	*225.74*	
		For 12 Gauge Frame, Add	*343.13*	
08 12 13 13-0046	EA	5'-4" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,187.67	142.35
		For Auxiliary Frame Reinforcement For Hinges, Add	*135.45*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*108.36*	
		For Type 304 Stainless Steel Frame, Add	*1,639.58*	
		For Type 316 Stainless Steel Frame, Add	*1,910.47*	
		For Baked Enamel Finish, Add	*313.60*	
		For 18 Gauge Frame, Deduct	*-90.30*	
		For 14 Gauge Frame, Add	*225.74*	
		For 12 Gauge Frame, Add	*343.13*	
08 12 13 13-0047	EA	5'-8" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,208.41	145.20
		For Auxiliary Frame Reinforcement For Hinges, Add	*137.70*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*110.16*	
		For Type 304 Stainless Steel Frame, Add	*1,666.96*	
		For Type 316 Stainless Steel Frame, Add	*1,942.36*	
		For Baked Enamel Finish, Add	*318.96*	
		For 18 Gauge Frame, Deduct	*-91.80*	
		For 14 Gauge Frame, Add	*229.51*	
		For 12 Gauge Frame, Add	*348.85*	
08 12 13 13-0048	EA	6' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,229.16	148.04
		For Auxiliary Frame Reinforcement For Hinges, Add	*139.96*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*111.97*	
		For Type 304 Stainless Steel Frame, Add	*1,694.33*	
		For Type 316 Stainless Steel Frame, Add	*1,974.25*	
		For Baked Enamel Finish, Add	*324.33*	
		For 18 Gauge Frame, Deduct	*-93.31*	
		For 14 Gauge Frame, Add	*233.27*	
		For 12 Gauge Frame, Add	*354.57*	
08 12 13 13-0049	EA	7' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,295.05	150.89
		For Auxiliary Frame Reinforcement For Hinges, Add	*148.99*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*119.19*	
		For Type 304 Stainless Steel Frame, Add	*1,802.98*	
		For Type 316 Stainless Steel Frame, Add	*2,100.96*	
		For Baked Enamel Finish, Add	*343.25*	
		For 18 Gauge Frame, Deduct	*-99.33*	
		For 14 Gauge Frame, Add	*248.32*	
		For 12 Gauge Frame, Add	*377.44*	
08 12 13 13-0050	EA	8' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,360.95	153.74
		For Auxiliary Frame Reinforcement For Hinges, Add	*158.02*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*126.42*	
		For Type 304 Stainless Steel Frame, Add	*1,911.62*	
		For Type 316 Stainless Steel Frame, Add	*2,227.66*	
		For Baked Enamel Finish, Add	*362.16*	
		For 18 Gauge Frame, Deduct	*-105.35*	
		For 14 Gauge Frame, Add	*263.37*	
		For 12 Gauge Frame, Add	*400.32*	

08 12 13 13-0051 >7'-2" Through 9'-0" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0034)*

08 12 13 13-0052	EA	2' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	873.13	85.41
		For Auxiliary Frame Reinforcement For Hinges, Add	*105.35*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*84.28*	
		For Type 304 Stainless Steel Frame, Add	*1,272.70*	
		For Type 316 Stainless Steel Frame, Add	*1,483.39*	
		For Baked Enamel Finish, Add	*236.32*	
		For 18 Gauge Frame, Deduct	*-70.23*	
		For 14 Gauge Frame, Add	*175.58*	
		For 12 Gauge Frame, Add	*266.88*	
08 12 13 13-0053	EA	2'-4" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,023.99	93.95
		For Auxiliary Frame Reinforcement For Hinges, Add	*125.41*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*100.33*	
		For Type 304 Stainless Steel Frame, Add	*1,514.36*	
		For Type 316 Stainless Steel Frame, Add	*1,765.18*	
		For Baked Enamel Finish, Add	*279.01*	
		For 18 Gauge Frame, Deduct	*-83.61*	
		For 14 Gauge Frame, Add	*209.02*	
		For 12 Gauge Frame, Add	*317.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0054	EA	2'-6" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,048.75	99.64
		For Auxiliary Frame Reinforcement For Hinges, Add	*127.42*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*101.94*	
		For Type 304 Stainless Steel Frame, Add	*1,538.99*	
		For Type 316 Stainless Steel Frame, Add	*1,793.83*	
		For Baked Enamel Finish, Add	*284.73*	
		For 18 Gauge Frame, Deduct	*-84.95*	
		For 14 Gauge Frame, Add	*212.37*	
		For 12 Gauge Frame, Add	*322.79*	
08 12 13 13-0055	EA	2'-8" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,065.83	108.18
		For Auxiliary Frame Reinforcement For Hinges, Add	*127.42*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*101.94*	
		For Type 304 Stainless Steel Frame, Add	*1,539.85*	
		For Type 316 Stainless Steel Frame, Add	*1,794.68*	
		For Baked Enamel Finish, Add	*287.29*	
		For 18 Gauge Frame, Deduct	*-84.95*	
		For 14 Gauge Frame, Add	*212.37*	
		For 12 Gauge Frame, Add	*322.79*	
08 12 13 13-0056	EA	2'-10" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,084.91	111.03
		For Auxiliary Frame Reinforcement For Hinges, Add	*129.43*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*103.54*	
		For Type 304 Stainless Steel Frame, Add	*1,564.22*	
		For Type 316 Stainless Steel Frame, Add	*1,823.07*	
		For Baked Enamel Finish, Add	*292.16*	
		For 18 Gauge Frame, Deduct	*-86.28*	
		For 14 Gauge Frame, Add	*215.71*	
		For 12 Gauge Frame, Add	*327.88*	
08 12 13 13-0057	EA	3' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,103.98	113.88
		For Auxiliary Frame Reinforcement For Hinges, Add	*131.43*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*105.15*	
		For Type 304 Stainless Steel Frame, Add	*1,588.58*	
		For Type 316 Stainless Steel Frame, Add	*1,851.45*	
		For Baked Enamel Finish, Add	*297.03*	
		For 18 Gauge Frame, Deduct	*-87.62*	
		For 14 Gauge Frame, Add	*219.06*	
		For 12 Gauge Frame, Add	*332.96*	
08 12 13 13-0058	EA	3'-4" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,175.56	119.58
		For Auxiliary Frame Reinforcement For Hinges, Add	*140.46*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*112.37*	
		For Type 304 Stainless Steel Frame, Add	*1,697.51*	
		For Type 316 Stainless Steel Frame, Add	*1,978.44*	
		For Baked Enamel Finish, Add	*316.80*	
		For 18 Gauge Frame, Deduct	*-93.64*	
		For 14 Gauge Frame, Add	*234.11*	
		For 12 Gauge Frame, Add	*355.84*	
08 12 13 13-0059	EA	3'-6" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,186.95	125.27
		For Auxiliary Frame Reinforcement For Hinges, Add	*140.46*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*112.37*	
		For Type 304 Stainless Steel Frame, Add	*1,698.08*	
		For Type 316 Stainless Steel Frame, Add	*1,979.01*	
		For Baked Enamel Finish, Add	*318.51*	
		For 18 Gauge Frame, Deduct	*-93.64*	
		For 14 Gauge Frame, Add	*234.11*	
		For 12 Gauge Frame, Add	*355.84*	
08 12 13 13-0060	EA	4' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,231.78	130.96
		For Auxiliary Frame Reinforcement For Hinges, Add	*145.48*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*116.38*	
		For Type 304 Stainless Steel Frame, Add	*1,758.84*	
		For Type 316 Stainless Steel Frame, Add	*2,049.80*	
		For Baked Enamel Finish, Add	*330.25*	
		For 18 Gauge Frame, Deduct	*-96.99*	
		For 14 Gauge Frame, Add	*242.47*	
		For 12 Gauge Frame, Add	*368.55*	
08 12 13 13-0061	EA	5' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,276.61	136.65
		For Auxiliary Frame Reinforcement For Hinges, Add	*150.50*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*120.40*	
		For Type 304 Stainless Steel Frame, Add	*1,819.61*	
		For Type 316 Stainless Steel Frame, Add	*2,120.60*	
		For Baked Enamel Finish, Add	*341.99*	
		For 18 Gauge Frame, Deduct	*-100.33*	
		For 14 Gauge Frame, Add	*250.83*	
		For 12 Gauge Frame, Add	*381.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0062	EA	5'-4" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,288.00	142.35
		For Auxiliary Frame Reinforcement For Hinges, Add	*150.50*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*120.40*	
		For Type 304 Stainless Steel Frame, Add	*1,820.18*	
		For Type 316 Stainless Steel Frame, Add	*2,121.17*	
		For Baked Enamel Finish, Add	*343.70*	
		For 18 Gauge Frame, Deduct	*-100.33*	
		For 14 Gauge Frame, Add	*250.83*	
		For 12 Gauge Frame, Add	*381.25*	
08 12 13 13-0063	EA	5'-8" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,310.42	145.20
		For Auxiliary Frame Reinforcement For Hinges, Add	*153.00*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*122.40*	
		For Type 304 Stainless Steel Frame, Add	*1,850.57*	
		For Type 316 Stainless Steel Frame, Add	*2,156.58*	
		For Baked Enamel Finish, Add	*349.57*	
		For 18 Gauge Frame, Deduct	*-102.00*	
		For 14 Gauge Frame, Add	*255.01*	
		For 12 Gauge Frame, Add	*387.61*	
08 12 13 13-0064	EA	6' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,332.84	148.04
		For Auxiliary Frame Reinforcement For Hinges, Add	*155.51*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*124.41*	
		For Type 304 Stainless Steel Frame, Add	*1,880.95*	
		For Type 316 Stainless Steel Frame, Add	*2,191.98*	
		For Baked Enamel Finish, Add	*355.44*	
		For 18 Gauge Frame, Deduct	*-103.68*	
		For 14 Gauge Frame, Add	*259.19*	
		For 12 Gauge Frame, Add	*393.97*	
08 12 13 13-0065	EA	7' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,405.42	150.89
		For Auxiliary Frame Reinforcement For Hinges, Add	*165.55*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*132.44*	
		For Type 304 Stainless Steel Frame, Add	*2,001.64*	
		For Type 316 Stainless Steel Frame, Add	*2,332.73*	
		For Baked Enamel Finish, Add	*376.36*	
		For 18 Gauge Frame, Deduct	*-110.36*	
		For 14 Gauge Frame, Add	*275.91*	
		For 12 Gauge Frame, Add	*419.38*	
08 12 13 13-0066	EA	8' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,478.00	153.74
		For Auxiliary Frame Reinforcement For Hinges, Add	*175.58*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*140.46*	
		For Type 304 Stainless Steel Frame, Add	*2,122.31*	
		For Type 316 Stainless Steel Frame, Add	*2,473.47*	
		For Baked Enamel Finish, Add	*397.28*	
		For 18 Gauge Frame, Deduct	*-117.05*	
		For 14 Gauge Frame, Add	*292.63*	
		For 12 Gauge Frame, Add	*444.80*	

08 12 13 13-0067 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13)*

Note: For non-rated or fire rated frame assemblies

08 12 13 13-0068 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0067)*

08 12 13 13-0069	EA	2' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,171.48	85.41
		For Auxiliary Frame Reinforcement For Hinges, Add	*150.10*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*120.08*	
		For Type 304 Stainless Steel Frame, Add	*1,809.73*	
		For Type 316 Stainless Steel Frame, Add	*2,109.93*	
		For Baked Enamel Finish, Add	*325.82*	
		For 18 Gauge Frame, Deduct	*-100.07*	
		For 14 Gauge Frame, Add	*250.17*	
		For 12 Gauge Frame, Add	*380.25*	
08 12 13 13-0070	EA	2'-4" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,379.16	93.95
		For Auxiliary Frame Reinforcement For Hinges, Add	*178.69*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*142.95*	
		For Type 304 Stainless Steel Frame, Add	*2,153.66*	
		For Type 316 Stainless Steel Frame, Add	*2,511.04*	
		For Baked Enamel Finish, Add	*385.56*	
		For 18 Gauge Frame, Deduct	*-119.13*	
		For 14 Gauge Frame, Add	*297.82*	
		For 12 Gauge Frame, Add	*452.68*	
08 12 13 13-0071	EA	2'-6" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,409.61	99.64
		For Auxiliary Frame Reinforcement For Hinges, Add	*181.55*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*145.24*	
		For Type 304 Stainless Steel Frame, Add	*2,188.54*	
		For Type 316 Stainless Steel Frame, Add	*2,551.64*	
		For Baked Enamel Finish, Add	*392.99*	
		For 18 Gauge Frame, Deduct	*-121.03*	
		For 14 Gauge Frame, Add	*302.58*	
		For 12 Gauge Frame, Add	*459.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0072	EA	2'-8" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,426.69	108.18
		For Auxiliary Frame Reinforcement For Hinges, Add	*181.55*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*145.24*	
		For Type 304 Stainless Steel Frame, Add	*2,189.39*	
		For Type 316 Stainless Steel Frame, Add	*2,552.49*	
		For Baked Enamel Finish, Add	*395.55*	
		For 18 Gauge Frame, Deduct	*-121.03*	
		For 14 Gauge Frame, Add	*302.58*	
		For 12 Gauge Frame, Add	*459.92*	
08 12 13 13-0073	EA	2'-10" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,451.45	111.03
		For Auxiliary Frame Reinforcement For Hinges, Add	*184.41*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*147.53*	
		For Type 304 Stainless Steel Frame, Add	*2,223.99*	
		For Type 316 Stainless Steel Frame, Add	*2,592.80*	
		For Baked Enamel Finish, Add	*402.12*	
		For 18 Gauge Frame, Deduct	*-122.94*	
		For 14 Gauge Frame, Add	*307.35*	
		For 12 Gauge Frame, Add	*467.16*	
08 12 13 13-0074	EA	3' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,476.20	113.88
		For Auxiliary Frame Reinforcement For Hinges, Add	*187.27*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*149.81*	
		For Type 304 Stainless Steel Frame, Add	*2,258.58*	
		For Type 316 Stainless Steel Frame, Add	*2,633.11*	
		For Baked Enamel Finish, Add	*408.70*	
		For 18 Gauge Frame, Deduct	*-124.84*	
		For 14 Gauge Frame, Add	*312.11*	
		For 12 Gauge Frame, Add	*474.41*	
08 12 13 13-0075	EA	3'-4" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,573.35	119.58
		For Auxiliary Frame Reinforcement For Hinges, Add	*200.13*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*160.11*	
		For Type 304 Stainless Steel Frame, Add	*2,413.54*	
		For Type 316 Stainless Steel Frame, Add	*2,813.80*	
		For Baked Enamel Finish, Add	*436.13*	
		For 18 Gauge Frame, Deduct	*-133.42*	
		For 14 Gauge Frame, Add	*333.55*	
		For 12 Gauge Frame, Add	*507.00*	
08 12 13 13-0076	EA	3'-6" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,584.74	125.27
		For Auxiliary Frame Reinforcement For Hinges, Add	*200.13*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*160.11*	
		For Type 304 Stainless Steel Frame, Add	*2,414.10*	
		For Type 316 Stainless Steel Frame, Add	*2,814.37*	
		For Baked Enamel Finish, Add	*437.84*	
		For 18 Gauge Frame, Deduct	*-133.42*	
		For 14 Gauge Frame, Add	*333.55*	
		For 12 Gauge Frame, Add	*507.00*	
08 12 13 13-0077	EA	4' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,643.78	130.96
		For Auxiliary Frame Reinforcement For Hinges, Add	*207.28*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*165.82*	
		For Type 304 Stainless Steel Frame, Add	*2,500.44*	
		For Type 316 Stainless Steel Frame, Add	*2,915.00*	
		For Baked Enamel Finish, Add	*453.85*	
		For 18 Gauge Frame, Deduct	*-138.19*	
		For 14 Gauge Frame, Add	*345.47*	
		For 12 Gauge Frame, Add	*525.11*	
08 12 13 13-0078	EA	5' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,702.82	136.65
		For Auxiliary Frame Reinforcement For Hinges, Add	*214.43*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*171.54*	
		For Type 304 Stainless Steel Frame, Add	*2,586.78*	
		For Type 316 Stainless Steel Frame, Add	*3,015.64*	
		For Baked Enamel Finish, Add	*469.85*	
		For 18 Gauge Frame, Deduct	*-142.95*	
		For 14 Gauge Frame, Add	*357.38*	
		For 12 Gauge Frame, Add	*543.21*	
08 12 13 13-0079	EA	5'-4" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,714.21	142.35
		For Auxiliary Frame Reinforcement For Hinges, Add	*214.43*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*171.54*	
		For Type 304 Stainless Steel Frame, Add	*2,587.35*	
		For Type 316 Stainless Steel Frame, Add	*3,016.21*	
		For Baked Enamel Finish, Add	*471.56*	
		For 18 Gauge Frame, Deduct	*-142.95*	
		For 14 Gauge Frame, Add	*357.38*	
		For 12 Gauge Frame, Add	*543.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0080	EA	5'-8" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,743.72	145.20
		For Auxiliary Frame Reinforcement For Hinges, Add	*218.00*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*174.40*	
		For Type 304 Stainless Steel Frame, Add	*2,630.51*	
		For Type 316 Stainless Steel Frame, Add	*3,066.51*	
		For Baked Enamel Finish, Add	*479.56*	
		For 18 Gauge Frame, Deduct	*-145.33*	
		For 14 Gauge Frame, Add	*363.33*	
		For 12 Gauge Frame, Add	*552.27*	
08 12 13 13-0081	EA	6' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,773.25	148.04
		For Auxiliary Frame Reinforcement For Hinges, Add	*221.57*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*177.26*	
		For Type 304 Stainless Steel Frame, Add	*2,673.69*	
		For Type 316 Stainless Steel Frame, Add	*3,116.84*	
		For Baked Enamel Finish, Add	*487.56*	
		For 18 Gauge Frame, Deduct	*-147.72*	
		For 14 Gauge Frame, Add	*369.29*	
		For 12 Gauge Frame, Add	*561.32*	
08 12 13 13-0082	EA	7' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,874.23	150.89
		For Auxiliary Frame Reinforcement For Hinges, Add	*235.87*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*188.69*	
		For Type 304 Stainless Steel Frame, Add	*2,845.50*	
		For Type 316 Stainless Steel Frame, Add	*3,317.23*	
		For Baked Enamel Finish, Add	*517.00*	
		For 18 Gauge Frame, Deduct	*-157.25*	
		For 14 Gauge Frame, Add	*393.11*	
		For 12 Gauge Frame, Add	*597.53*	
08 12 13 13-0083	EA	8' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,975.24	153.74
		For Auxiliary Frame Reinforcement For Hinges, Add	*250.16*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*200.13*	
		For Type 304 Stainless Steel Frame, Add	*3,017.34*	
		For Type 316 Stainless Steel Frame, Add	*3,517.67*	
		For Baked Enamel Finish, Add	*546.45*	
		For 18 Gauge Frame, Deduct	*-166.78*	
		For 14 Gauge Frame, Add	*416.94*	
		For 12 Gauge Frame, Add	*633.75*	
08 12 13 13-0084		>7'-2" Through 9'-0" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0067)*		
08 12 13 13-0085	EA	2' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,282.66	85.41
		For Auxiliary Frame Reinforcement For Hinges, Add	*166.78*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*133.42*	
		For Type 304 Stainless Steel Frame, Add	*2,009.85*	
		For Type 316 Stainless Steel Frame, Add	*2,343.41*	
		For Baked Enamel Finish, Add	*359.18*	
		For 18 Gauge Frame, Deduct	*-111.18*	
		For 14 Gauge Frame, Add	*277.96*	
		For 12 Gauge Frame, Add	*422.50*	
08 12 13 13-0086	EA	2'-4" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,511.52	93.95
		For Auxiliary Frame Reinforcement For Hinges, Add	*198.54*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*158.83*	
		For Type 304 Stainless Steel Frame, Add	*2,391.91*	
		For Type 316 Stainless Steel Frame, Add	*2,789.00*	
		For Baked Enamel Finish, Add	*425.27*	
		For 18 Gauge Frame, Deduct	*-132.36*	
		For 14 Gauge Frame, Add	*330.91*	
		For 12 Gauge Frame, Add	*502.98*	
08 12 13 13-0087	EA	2'-6" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,544.09	99.64
		For Auxiliary Frame Reinforcement For Hinges, Add	*201.72*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*161.38*	
		For Type 304 Stainless Steel Frame, Add	*2,430.60*	
		For Type 316 Stainless Steel Frame, Add	*2,834.04*	
		For Baked Enamel Finish, Add	*433.33*	
		For 18 Gauge Frame, Deduct	*-134.48*	
		For 14 Gauge Frame, Add	*336.20*	
		For 12 Gauge Frame, Add	*511.02*	
08 12 13 13-0088	EA	2'-8" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,561.17	108.18
		For Auxiliary Frame Reinforcement For Hinges, Add	*201.72*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*161.38*	
		For Type 304 Stainless Steel Frame, Add	*2,431.46*	
		For Type 316 Stainless Steel Frame, Add	*2,834.90*	
		For Baked Enamel Finish, Add	*435.90*	
		For 18 Gauge Frame, Deduct	*-134.48*	
		For 14 Gauge Frame, Add	*336.20*	
		For 12 Gauge Frame, Add	*511.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0089	EA	2'-10" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,588.04	111.03
		For Auxiliary Frame Reinforcement For Hinges, Add	*204.90*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*163.92*	
		For Type 304 Stainless Steel Frame, Add	*2,469.85*	
		For Type 316 Stainless Steel Frame, Add	*2,879.64*	
		For Baked Enamel Finish, Add	*443.10*	
		For 18 Gauge Frame, Deduct	*-136.60*	
		For 14 Gauge Frame, Add	*341.49*	
		For 12 Gauge Frame, Add	*519.07*	
08 12 13 13-0090	EA	3' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,614.91	113.88
		For Auxiliary Frame Reinforcement For Hinges, Add	*208.07*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*166.46*	
		For Type 304 Stainless Steel Frame, Add	*2,508.26*	
		For Type 316 Stainless Steel Frame, Add	*2,924.40*	
		For Baked Enamel Finish, Add	*450.31*	
		For 18 Gauge Frame, Deduct	*-138.72*	
		For 14 Gauge Frame, Add	*346.79*	
		For 12 Gauge Frame, Add	*527.12*	
08 12 13 13-0091	EA	3'-4" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,721.59	119.58
		For Auxiliary Frame Reinforcement For Hinges, Add	*222.37*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*177.89*	
		For Type 304 Stainless Steel Frame, Add	*2,680.37*	
		For Type 316 Stainless Steel Frame, Add	*3,125.10*	
		For Baked Enamel Finish, Add	*480.61*	
		For 18 Gauge Frame, Deduct	*-148.25*	
		For 14 Gauge Frame, Add	*370.61*	
		For 12 Gauge Frame, Add	*563.33*	
08 12 13 13-0092	EA	3'-6" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,732.98	125.27
		For Auxiliary Frame Reinforcement For Hinges, Add	*222.37*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*177.89*	
		For Type 304 Stainless Steel Frame, Add	*2,680.94*	
		For Type 316 Stainless Steel Frame, Add	*3,125.67*	
		For Baked Enamel Finish, Add	*482.31*	
		For 18 Gauge Frame, Deduct	*-148.25*	
		For 14 Gauge Frame, Add	*370.61*	
		For 12 Gauge Frame, Add	*563.33*	
08 12 13 13-0093	EA	4' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,797.32	130.96
		For Auxiliary Frame Reinforcement For Hinges, Add	*230.31*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*184.25*	
		For Type 304 Stainless Steel Frame, Add	*2,776.82*	
		For Type 316 Stainless Steel Frame, Add	*3,237.44*	
		For Baked Enamel Finish, Add	*499.91*	
		For 18 Gauge Frame, Deduct	*-153.54*	
		For 14 Gauge Frame, Add	*383.85*	
		For 12 Gauge Frame, Add	*583.45*	
08 12 13 13-0094	EA	5' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,861.65	136.65
		For Auxiliary Frame Reinforcement For Hinges, Add	*238.25*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*190.60*	
		For Type 304 Stainless Steel Frame, Add	*2,872.68*	
		For Type 316 Stainless Steel Frame, Add	*3,349.18*	
		For Baked Enamel Finish, Add	*517.50*	
		For 18 Gauge Frame, Deduct	*-158.83*	
		For 14 Gauge Frame, Add	*397.09*	
		For 12 Gauge Frame, Add	*603.57*	
08 12 13 13-0095	EA	5'-4" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,873.04	142.35
		For Auxiliary Frame Reinforcement For Hinges, Add	*238.25*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*190.60*	
		For Type 304 Stainless Steel Frame, Add	*2,873.25*	
		For Type 316 Stainless Steel Frame, Add	*3,349.75*	
		For Baked Enamel Finish, Add	*519.21*	
		For 18 Gauge Frame, Deduct	*-158.83*	
		For 14 Gauge Frame, Add	*397.09*	
		For 12 Gauge Frame, Add	*603.57*	
08 12 13 13-0096	EA	5'-8" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,905.20	145.20
		For Auxiliary Frame Reinforcement For Hinges, Add	*242.22*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*193.78*	
		For Type 304 Stainless Steel Frame, Add	*2,921.18*	
		For Type 316 Stainless Steel Frame, Add	*3,405.62*	
		For Baked Enamel Finish, Add	*528.00*	
		For 18 Gauge Frame, Deduct	*-161.48*	
		For 14 Gauge Frame, Add	*403.70*	
		For 12 Gauge Frame, Add	*613.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0097	EA	6' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,937.38	148.04
		For Auxiliary Frame Reinforcement For Hinges, Add	*246.19*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*196.95*	
		For Type 304 Stainless Steel Frame, Add	*2,969.13*	
		For Type 316 Stainless Steel Frame, Add	*3,461.51*	
		For Baked Enamel Finish, Add	*536.80*	
		For 18 Gauge Frame, Deduct	*-164.13*	
		For 14 Gauge Frame, Add	*410.32*	
		For 12 Gauge Frame, Add	*623.69*	
08 12 13 13-0098	EA	7' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	2,048.94	150.89
		For Auxiliary Frame Reinforcement For Hinges, Add	*262.07*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*209.66*	
		For Type 304 Stainless Steel Frame, Add	*3,159.98*	
		For Type 316 Stainless Steel Frame, Add	*3,684.13*	
		For Baked Enamel Finish, Add	*569.42*	
		For 18 Gauge Frame, Deduct	*-174.72*	
		For 14 Gauge Frame, Add	*436.79*	
		For 12 Gauge Frame, Add	*663.92*	
08 12 13 13-0099	EA	8' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	2,160.54	153.74
		For Auxiliary Frame Reinforcement For Hinges, Add	*277.96*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*222.37*	
		For Type 304 Stainless Steel Frame, Add	*3,350.88*	
		For Type 316 Stainless Steel Frame, Add	*3,906.80*	
		For Baked Enamel Finish, Add	*602.04*	
		For 18 Gauge Frame, Deduct	*-185.31*	
		For 14 Gauge Frame, Add	*463.27*	
		For 12 Gauge Frame, Add	*704.16*	

08 12 13 13-0100 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13)*

Note: For non-rated or fire rated frame assemblies

08 12 13 13-0101 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0100)*

08 12 13 13-0102	EA	2' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,246.53	85.41
		For Auxiliary Frame Reinforcement For Hinges, Add	*161.36*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*129.09*	
		For Type 304 Stainless Steel Frame, Add	*1,944.82*	
		For Type 316 Stainless Steel Frame, Add	*2,267.53*	
		For Baked Enamel Finish, Add	*348.34*	
		For 18 Gauge Frame, Deduct	*-107.57*	
		For 14 Gauge Frame, Add	*268.93*	
		For 12 Gauge Frame, Add	*408.77*	
08 12 13 13-0103	EA	2'-4" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,468.50	93.95
		For Auxiliary Frame Reinforcement For Hinges, Add	*192.09*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*153.67*	
		For Type 304 Stainless Steel Frame, Add	*2,314.48*	
		For Type 316 Stainless Steel Frame, Add	*2,698.66*	
		For Baked Enamel Finish, Add	*412.37*	
		For 18 Gauge Frame, Deduct	*-128.06*	
		For 14 Gauge Frame, Add	*320.15*	
		For 12 Gauge Frame, Add	*486.63*	
08 12 13 13-0104	EA	2'-6" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,500.38	99.64
		For Auxiliary Frame Reinforcement For Hinges, Add	*195.16*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*156.13*	
		For Type 304 Stainless Steel Frame, Add	*2,351.93*	
		For Type 316 Stainless Steel Frame, Add	*2,742.25*	
		For Baked Enamel Finish, Add	*420.22*	
		For 18 Gauge Frame, Deduct	*-130.11*	
		For 14 Gauge Frame, Add	*325.27*	
		For 12 Gauge Frame, Add	*494.41*	
08 12 13 13-0105	EA	2'-8" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,517.46	108.18
		For Auxiliary Frame Reinforcement For Hinges, Add	*195.16*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*156.13*	
		For Type 304 Stainless Steel Frame, Add	*2,352.78*	
		For Type 316 Stainless Steel Frame, Add	*2,743.11*	
		For Baked Enamel Finish, Add	*422.78*	
		For 18 Gauge Frame, Deduct	*-130.11*	
		For 14 Gauge Frame, Add	*325.27*	
		For 12 Gauge Frame, Add	*494.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0106	EA	2'-10" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,543.65	111.03
		For Auxiliary Frame Reinforcement For Hinges, Add	*198.24*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*158.59*	
		For Type 304 Stainless Steel Frame, Add	*2,389.95*	
		For Type 316 Stainless Steel Frame, Add	*2,786.42*	
		For Baked Enamel Finish, Add	*429.78*	
		For 18 Gauge Frame, Deduct	*-132.16*	
		For 14 Gauge Frame, Add	*330.40*	
		For 12 Gauge Frame, Add	*502.20*	
08 12 13 13-0107	EA	3' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,569.83	113.88
		For Auxiliary Frame Reinforcement For Hinges, Add	*201.31*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*161.05*	
		For Type 304 Stainless Steel Frame, Add	*2,427.11*	
		For Type 316 Stainless Steel Frame, Add	*2,829.74*	
		For Baked Enamel Finish, Add	*436.79*	
		For 18 Gauge Frame, Deduct	*-134.21*	
		For 14 Gauge Frame, Add	*335.52*	
		For 12 Gauge Frame, Add	*509.99*	
08 12 13 13-0108	EA	3'-4" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,673.41	119.58
		For Auxiliary Frame Reinforcement For Hinges, Add	*215.14*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*172.11*	
		For Type 304 Stainless Steel Frame, Add	*2,593.64*	
		For Type 316 Stainless Steel Frame, Add	*3,023.92*	
		For Baked Enamel Finish, Add	*466.15*	
		For 18 Gauge Frame, Deduct	*-143.43*	
		For 14 Gauge Frame, Add	*358.57*	
		For 12 Gauge Frame, Add	*545.02*	
08 12 13 13-0109	EA	3'-6" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,684.80	125.27
		For Auxiliary Frame Reinforcement For Hinges, Add	*215.14*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*172.11*	
		For Type 304 Stainless Steel Frame, Add	*2,594.21*	
		For Type 316 Stainless Steel Frame, Add	*3,024.49*	
		For Baked Enamel Finish, Add	*467.86*	
		For 18 Gauge Frame, Deduct	*-143.43*	
		For 14 Gauge Frame, Add	*358.57*	
		For 12 Gauge Frame, Add	*545.02*	
08 12 13 13-0110	EA	4' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,747.42	130.96
		For Auxiliary Frame Reinforcement For Hinges, Add	*222.83*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*178.26*	
		For Type 304 Stainless Steel Frame, Add	*2,687.00*	
		For Type 316 Stainless Steel Frame, Add	*3,132.65*	
		For Baked Enamel Finish, Add	*484.94*	
		For 18 Gauge Frame, Deduct	*-148.55*	
		For 14 Gauge Frame, Add	*371.38*	
		For 12 Gauge Frame, Add	*564.49*	
08 12 13 13-0111	EA	5' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,810.03	136.65
		For Auxiliary Frame Reinforcement For Hinges, Add	*230.51*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*184.41*	
		For Type 304 Stainless Steel Frame, Add	*2,779.76*	
		For Type 316 Stainless Steel Frame, Add	*3,240.78*	
		For Baked Enamel Finish, Add	*502.01*	
		For 18 Gauge Frame, Deduct	*-153.67*	
		For 14 Gauge Frame, Add	*384.18*	
		For 12 Gauge Frame, Add	*583.95*	
08 12 13 13-0112	EA	5'-4" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,821.42	142.35
		For Auxiliary Frame Reinforcement For Hinges, Add	*230.51*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*184.41*	
		For Type 304 Stainless Steel Frame, Add	*2,780.33*	
		For Type 316 Stainless Steel Frame, Add	*3,241.35*	
		For Baked Enamel Finish, Add	*503.72*	
		For 18 Gauge Frame, Deduct	*-153.67*	
		For 14 Gauge Frame, Add	*384.18*	
		For 12 Gauge Frame, Add	*583.95*	
08 12 13 13-0113	EA	5'-8" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,852.72	145.20
		For Auxiliary Frame Reinforcement For Hinges, Add	*234.35*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*187.48*	
		For Type 304 Stainless Steel Frame, Add	*2,826.71*	
		For Type 316 Stainless Steel Frame, Add	*3,295.41*	
		For Baked Enamel Finish, Add	*512.26*	
		For 18 Gauge Frame, Deduct	*-156.23*	
		For 14 Gauge Frame, Add	*390.58*	
		For 12 Gauge Frame, Add	*593.69*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0114	EA	6' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,884.03	148.04
		For Auxiliary Frame Reinforcement For Hinges, Add	*238.19*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*190.55*	
		For Type 304 Stainless Steel Frame, Add	*2,873.10*	
		For Type 316 Stainless Steel Frame, Add	*3,349.48*	
		For Baked Enamel Finish, Add	*520.80*	
		For 18 Gauge Frame, Deduct	*-158.79*	
		For 14 Gauge Frame, Add	*396.99*	
		For 12 Gauge Frame, Add	*603.42*	
08 12 13 13-0115	EA	7' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,992.16	150.89
		For Auxiliary Frame Reinforcement For Hinges, Add	*253.56*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*202.85*	
		For Type 304 Stainless Steel Frame, Add	*3,057.77*	
		For Type 316 Stainless Steel Frame, Add	*3,564.89*	
		For Baked Enamel Finish, Add	*552.38*	
		For 18 Gauge Frame, Deduct	*-169.04*	
		For 14 Gauge Frame, Add	*422.60*	
		For 12 Gauge Frame, Add	*642.34*	
08 12 13 13-0116	EA	8' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	2,100.32	153.74
		For Auxiliary Frame Reinforcement For Hinges, Add	*268.93*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*215.14*	
		For Type 304 Stainless Steel Frame, Add	*3,242.49*	
		For Type 316 Stainless Steel Frame, Add	*3,780.34*	
		For Baked Enamel Finish, Add	*583.97*	
		For 18 Gauge Frame, Deduct	*-179.28*	
		For 14 Gauge Frame, Add	*448.21*	
		For 12 Gauge Frame, Add	*681.28*	

08 12 13 13-0117 >7'-2" Through 9'-0" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0100)*

08 12 13 13-0118	EA	2' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,366.05	85.41
		For Auxiliary Frame Reinforcement For Hinges, Add	*179.28*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*143.43*	
		For Type 304 Stainless Steel Frame, Add	*2,159.96*	
		For Type 316 Stainless Steel Frame, Add	*2,518.52*	
		For Baked Enamel Finish, Add	*384.19*	
		For 18 Gauge Frame, Deduct	*-119.52*	
		For 14 Gauge Frame, Add	*298.81*	
		For 12 Gauge Frame, Add	*454.19*	
08 12 13 13-0119	EA	2'-4" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,610.79	93.95
		For Auxiliary Frame Reinforcement For Hinges, Add	*213.43*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*170.75*	
		For Type 304 Stainless Steel Frame, Add	*2,570.60*	
		For Type 316 Stainless Steel Frame, Add	*2,997.46*	
		For Baked Enamel Finish, Add	*455.05*	
		For 18 Gauge Frame, Deduct	*-142.29*	
		For 14 Gauge Frame, Add	*355.72*	
		For 12 Gauge Frame, Add	*540.70*	
08 12 13 13-0120	EA	2'-6" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,644.94	99.64
		For Auxiliary Frame Reinforcement For Hinges, Add	*216.85*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*173.48*	
		For Type 304 Stainless Steel Frame, Add	*2,612.13*	
		For Type 316 Stainless Steel Frame, Add	*3,045.83*	
		For Baked Enamel Finish, Add	*463.59*	
		For 18 Gauge Frame, Deduct	*-144.57*	
		For 14 Gauge Frame, Add	*361.41*	
		For 12 Gauge Frame, Add	*549.35*	
08 12 13 13-0121	EA	2'-8" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,662.02	108.18
		For Auxiliary Frame Reinforcement For Hinges, Add	*216.85*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*173.48*	
		For Type 304 Stainless Steel Frame, Add	*2,612.99*	
		For Type 316 Stainless Steel Frame, Add	*3,046.68*	
		For Baked Enamel Finish, Add	*466.15*	
		For 18 Gauge Frame, Deduct	*-144.57*	
		For 14 Gauge Frame, Add	*361.41*	
		For 12 Gauge Frame, Add	*549.35*	
08 12 13 13-0122	EA	2'-10" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,690.49	111.03
		For Auxiliary Frame Reinforcement For Hinges, Add	*220.26*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*176.21*	
		For Type 304 Stainless Steel Frame, Add	*2,654.26*	
		For Type 316 Stainless Steel Frame, Add	*3,094.79*	
		For Baked Enamel Finish, Add	*473.84*	
		For 18 Gauge Frame, Deduct	*-146.84*	
		For 14 Gauge Frame, Add	*367.11*	
		For 12 Gauge Frame, Add	*558.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0123	EA	3' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,718.95	113.88
		For Auxiliary Frame Reinforcement For Hinges, Add	*223.68*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*178.94*	
		For Type 304 Stainless Steel Frame, Add	*2,695.53*	
		For Type 316 Stainless Steel Frame, Add	*3,142.89*	
		For Baked Enamel Finish, Add	*481.52*	
		For 18 Gauge Frame, Deduct	*-149.12*	
		For 14 Gauge Frame, Add	*372.80*	
		For 12 Gauge Frame, Add	*566.65*	
08 12 13 13-0124	EA	3'-4" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,832.78	119.58
		For Auxiliary Frame Reinforcement For Hinges, Add	*239.05*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*191.24*	
		For Type 304 Stainless Steel Frame, Add	*2,880.51*	
		For Type 316 Stainless Steel Frame, Add	*3,358.60*	
		For Baked Enamel Finish, Add	*513.96*	
		For 18 Gauge Frame, Deduct	*-159.36*	
		For 14 Gauge Frame, Add	*398.41*	
		For 12 Gauge Frame, Add	*605.58*	
08 12 13 13-0125	EA	3'-6" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,844.17	125.27
		For Auxiliary Frame Reinforcement For Hinges, Add	*239.05*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*191.24*	
		For Type 304 Stainless Steel Frame, Add	*2,881.08*	
		For Type 316 Stainless Steel Frame, Add	*3,359.17*	
		For Baked Enamel Finish, Add	*515.67*	
		For 18 Gauge Frame, Deduct	*-159.36*	
		For 14 Gauge Frame, Add	*398.41*	
		For 12 Gauge Frame, Add	*605.58*	
08 12 13 13-0126	EA	4' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,912.47	130.96
		For Auxiliary Frame Reinforcement For Hinges, Add	*247.58*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*198.07*	
		For Type 304 Stainless Steel Frame, Add	*2,984.09*	
		For Type 316 Stainless Steel Frame, Add	*3,479.25*	
		For Baked Enamel Finish, Add	*534.45*	
		For 18 Gauge Frame, Deduct	*-165.06*	
		For 14 Gauge Frame, Add	*412.64*	
		For 12 Gauge Frame, Add	*627.21*	
08 12 13 13-0127	EA	5' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,980.78	136.65
		For Auxiliary Frame Reinforcement For Hinges, Add	*256.12*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*204.90*	
		For Type 304 Stainless Steel Frame, Add	*3,087.11*	
		For Type 316 Stainless Steel Frame, Add	*3,599.35*	
		For Baked Enamel Finish, Add	*553.24*	
		For 18 Gauge Frame, Deduct	*-170.75*	
		For 14 Gauge Frame, Add	*426.87*	
		For 12 Gauge Frame, Add	*648.84*	
08 12 13 13-0128	EA	5'-4" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,992.17	142.35
		For Auxiliary Frame Reinforcement For Hinges, Add	*256.12*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*204.90*	
		For Type 304 Stainless Steel Frame, Add	*3,087.68*	
		For Type 316 Stainless Steel Frame, Add	*3,599.92*	
		For Baked Enamel Finish, Add	*554.95*	
		For 18 Gauge Frame, Deduct	*-170.75*	
		For 14 Gauge Frame, Add	*426.87*	
		For 12 Gauge Frame, Add	*648.84*	
08 12 13 13-0129	EA	5'-8" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	2,026.31	145.20
		For Auxiliary Frame Reinforcement For Hinges, Add	*260.39*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*208.31*	
		For Type 304 Stainless Steel Frame, Add	*3,139.18*	
		For Type 316 Stainless Steel Frame, Add	*3,659.95*	
		For Baked Enamel Finish, Add	*564.33*	
		For 18 Gauge Frame, Deduct	*-173.59*	
		For 14 Gauge Frame, Add	*433.98*	
		For 12 Gauge Frame, Add	*659.65*	
08 12 13 13-0130	EA	6' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	2,060.47	148.04
		For Auxiliary Frame Reinforcement For Hinges, Add	*264.66*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*211.73*	
		For Type 304 Stainless Steel Frame, Add	*3,190.69*	
		For Type 316 Stainless Steel Frame, Add	*3,720.00*	
		For Baked Enamel Finish, Add	*573.73*	
		For 18 Gauge Frame, Deduct	*-176.44*	
		For 14 Gauge Frame, Add	*441.10*	
		For 12 Gauge Frame, Add	*670.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0131	EA	7' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	2,179.97	150.89
		For Auxiliary Frame Reinforcement For Hinges, Add	*281.73*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*225.38*	
		For Type 304 Stainless Steel Frame, Add	*3,395.83*	
		For Type 316 Stainless Steel Frame, Add	*3,959.29*	
		For Baked Enamel Finish, Add	*608.72*	
		For 18 Gauge Frame, Deduct	*-187.82*	
		For 14 Gauge Frame, Add	*469.55*	
		For 12 Gauge Frame, Add	*713.71*	
08 12 13 13-0132	EA	8' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	2,299.52	153.74
		For Auxiliary Frame Reinforcement For Hinges, Add	*298.81*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*239.04*	
		For Type 304 Stainless Steel Frame, Add	*3,601.05*	
		For Type 316 Stainless Steel Frame, Add	*4,198.66*	
		For Baked Enamel Finish, Add	*643.73*	
		For 18 Gauge Frame, Deduct	*-199.20*	
		For 14 Gauge Frame, Add	*498.01*	
		For 12 Gauge Frame, Add	*756.98*	

08 12 13 13-0133 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13)*

Note: For non-rated or fire rated frame assemblies

08 12 13 13-0134 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0133)*

08 12 13 13-0135	EA	2' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,296.56	85.41
		For Auxiliary Frame Reinforcement For Hinges, Add	*168.86*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*135.09*	
		For Type 304 Stainless Steel Frame, Add	*2,034.87*	
		For Type 316 Stainless Steel Frame, Add	*2,372.60*	
		For Baked Enamel Finish, Add	*363.35*	
		For 18 Gauge Frame, Deduct	*-112.57*	
		For 14 Gauge Frame, Add	*281.44*	
		For 12 Gauge Frame, Add	*427.78*	
08 12 13 13-0136	EA	2'-4" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,528.06	93.95
		For Auxiliary Frame Reinforcement For Hinges, Add	*201.02*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*160.82*	
		For Type 304 Stainless Steel Frame, Add	*2,421.68*	
		For Type 316 Stainless Steel Frame, Add	*2,823.73*	
		For Baked Enamel Finish, Add	*430.23*	
		For 18 Gauge Frame, Deduct	*-134.02*	
		For 14 Gauge Frame, Add	*335.04*	
		For 12 Gauge Frame, Add	*509.26*	
08 12 13 13-0137	EA	2'-6" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,560.90	99.64
		For Auxiliary Frame Reinforcement For Hinges, Add	*204.24*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*163.39*	
		For Type 304 Stainless Steel Frame, Add	*2,460.86*	
		For Type 316 Stainless Steel Frame, Add	*2,869.35*	
		For Baked Enamel Finish, Add	*438.38*	
		For 18 Gauge Frame, Deduct	*-136.16*	
		For 14 Gauge Frame, Add	*340.40*	
		For 12 Gauge Frame, Add	*517.41*	
08 12 13 13-0138	EA	2'-8" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,577.98	108.18
		For Auxiliary Frame Reinforcement For Hinges, Add	*204.24*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*163.39*	
		For Type 304 Stainless Steel Frame, Add	*2,461.72*	
		For Type 316 Stainless Steel Frame, Add	*2,870.20*	
		For Baked Enamel Finish, Add	*440.94*	
		For 18 Gauge Frame, Deduct	*-136.16*	
		For 14 Gauge Frame, Add	*340.40*	
		For 12 Gauge Frame, Add	*517.41*	
08 12 13 13-0139	EA	2'-10" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,605.12	111.03
		For Auxiliary Frame Reinforcement For Hinges, Add	*207.46*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*165.97*	
		For Type 304 Stainless Steel Frame, Add	*2,500.59*	
		For Type 316 Stainless Steel Frame, Add	*2,915.51*	
		For Baked Enamel Finish, Add	*448.23*	
		For 18 Gauge Frame, Deduct	*-138.31*	
		For 14 Gauge Frame, Add	*345.76*	
		For 12 Gauge Frame, Add	*525.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0140	EA	3' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,632.25	113.88
		For Auxiliary Frame Reinforcement For Hinges, Add	*210.67*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*168.54*	
		For Type 304 Stainless Steel Frame, Add	*2,539.47*	
		For Type 316 Stainless Steel Frame, Add	*2,960.82*	
		For Baked Enamel Finish, Add	*455.51*	
		For 18 Gauge Frame, Deduct	*-140.45*	
		For 14 Gauge Frame, Add	*351.12*	
		For 12 Gauge Frame, Add	*533.71*	
08 12 13 13-0141	EA	3'-4" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,740.12	119.58
		For Auxiliary Frame Reinforcement For Hinges, Add	*225.15*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*180.12*	
		For Type 304 Stainless Steel Frame, Add	*2,713.72*	
		For Type 316 Stainless Steel Frame, Add	*3,164.02*	
		For Baked Enamel Finish, Add	*486.17*	
		For 18 Gauge Frame, Deduct	*-150.10*	
		For 14 Gauge Frame, Add	*375.25*	
		For 12 Gauge Frame, Add	*570.37*	
08 12 13 13-0142	EA	3'-6" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,751.51	125.27
		For Auxiliary Frame Reinforcement For Hinges, Add	*225.15*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*180.12*	
		For Type 304 Stainless Steel Frame, Add	*2,714.29*	
		For Type 316 Stainless Steel Frame, Add	*3,164.58*	
		For Baked Enamel Finish, Add	*487.87*	
		For 18 Gauge Frame, Deduct	*-150.10*	
		For 14 Gauge Frame, Add	*375.25*	
		For 12 Gauge Frame, Add	*570.37*	
08 12 13 13-0143	EA	4' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,816.51	130.96
		For Auxiliary Frame Reinforcement For Hinges, Add	*233.19*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*186.55*	
		For Type 304 Stainless Steel Frame, Add	*2,811.36*	
		For Type 316 Stainless Steel Frame, Add	*3,277.74*	
		For Baked Enamel Finish, Add	*505.67*	
		For 18 Gauge Frame, Deduct	*-155.46*	
		For 14 Gauge Frame, Add	*388.65*	
		For 12 Gauge Frame, Add	*590.74*	
08 12 13 13-0144	EA	5' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,881.51	136.65
		For Auxiliary Frame Reinforcement For Hinges, Add	*241.23*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*192.98*	
		For Type 304 Stainless Steel Frame, Add	*2,908.43*	
		For Type 316 Stainless Steel Frame, Add	*3,390.89*	
		For Baked Enamel Finish, Add	*523.46*	
		For 18 Gauge Frame, Deduct	*-160.82*	
		For 14 Gauge Frame, Add	*402.05*	
		For 12 Gauge Frame, Add	*611.12*	
08 12 13 13-0145	EA	5'-4" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,892.90	142.35
		For Auxiliary Frame Reinforcement For Hinges, Add	*241.23*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*192.98*	
		For Type 304 Stainless Steel Frame, Add	*2,909.00*	
		For Type 316 Stainless Steel Frame, Add	*3,391.46*	
		For Baked Enamel Finish, Add	*525.17*	
		For 18 Gauge Frame, Deduct	*-160.82*	
		For 14 Gauge Frame, Add	*402.05*	
		For 12 Gauge Frame, Add	*611.12*	
08 12 13 13-0146	EA	5'-8" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,925.39	145.20
		For Auxiliary Frame Reinforcement For Hinges, Add	*245.25*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*196.20*	
		For Type 304 Stainless Steel Frame, Add	*2,957.52*	
		For Type 316 Stainless Steel Frame, Add	*3,448.02*	
		For Baked Enamel Finish, Add	*534.06*	
		For 18 Gauge Frame, Deduct	*-163.50*	
		For 14 Gauge Frame, Add	*408.75*	
		For 12 Gauge Frame, Add	*621.30*	
08 12 13 13-0147	EA	6' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,957.89	148.04
		For Auxiliary Frame Reinforcement For Hinges, Add	*249.27*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*199.42*	
		For Type 304 Stainless Steel Frame, Add	*3,006.04*	
		For Type 316 Stainless Steel Frame, Add	*3,504.58*	
		For Baked Enamel Finish, Add	*542.95*	
		For 18 Gauge Frame, Deduct	*-166.18*	
		For 14 Gauge Frame, Add	*415.45*	
		For 12 Gauge Frame, Add	*631.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0148	EA	7' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	2,070.78	150.89
		For Auxiliary Frame Reinforcement For Hinges, Add	*265.35*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*212.28*	
		For Type 304 Stainless Steel Frame, Add	*3,199.29*	
		For Type 316 Stainless Steel Frame, Add	*3,729.99*	
		For Baked Enamel Finish, Add	*575.97*	
		For 18 Gauge Frame, Deduct	*-176.90*	
		For 14 Gauge Frame, Add	*442.25*	
		For 12 Gauge Frame, Add	*672.22*	
08 12 13 13-0149	EA	8' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	2,183.71	153.74
		For Auxiliary Frame Reinforcement For Hinges, Add	*281.43*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*225.15*	
		For Type 304 Stainless Steel Frame, Add	*3,392.59*	
		For Type 316 Stainless Steel Frame, Add	*3,955.46*	
		For Baked Enamel Finish, Add	*608.99*	
		For 18 Gauge Frame, Deduct	*-187.62*	
		For 14 Gauge Frame, Add	*469.06*	
		For 12 Gauge Frame, Add	*712.97*	
08 12 13 13-0150		>7'-2" Through 9'-0" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0133)*		
08 12 13 13-0151	EA	2' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,421.64	85.41
		For Auxiliary Frame Reinforcement For Hinges, Add	*187.62*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*150.10*	
		For Type 304 Stainless Steel Frame, Add	*2,260.02*	
		For Type 316 Stainless Steel Frame, Add	*2,635.26*	
		For Baked Enamel Finish, Add	*400.87*	
		For 18 Gauge Frame, Deduct	*-125.08*	
		For 14 Gauge Frame, Add	*312.71*	
		For 12 Gauge Frame, Add	*475.31*	
08 12 13 13-0152	EA	2'-4" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,676.97	93.95
		For Auxiliary Frame Reinforcement For Hinges, Add	*223.36*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*178.69*	
		For Type 304 Stainless Steel Frame, Add	*2,689.72*	
		For Type 316 Stainless Steel Frame, Add	*3,136.44*	
		For Baked Enamel Finish, Add	*474.91*	
		For 18 Gauge Frame, Deduct	*-148.91*	
		For 14 Gauge Frame, Add	*372.27*	
		For 12 Gauge Frame, Add	*565.85*	
08 12 13 13-0153	EA	2'-6" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,712.18	99.64
		For Auxiliary Frame Reinforcement For Hinges, Add	*226.93*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*181.55*	
		For Type 304 Stainless Steel Frame, Add	*2,733.17*	
		For Type 316 Stainless Steel Frame, Add	*3,187.03*	
		For Baked Enamel Finish, Add	*483.76*	
		For 18 Gauge Frame, Deduct	*-151.29*	
		For 14 Gauge Frame, Add	*378.22*	
		For 12 Gauge Frame, Add	*574.90*	
08 12 13 13-0154	EA	2'-8" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,729.26	108.18
		For Auxiliary Frame Reinforcement For Hinges, Add	*226.93*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*181.55*	
		For Type 304 Stainless Steel Frame, Add	*2,734.02*	
		For Type 316 Stainless Steel Frame, Add	*3,187.89*	
		For Baked Enamel Finish, Add	*486.32*	
		For 18 Gauge Frame, Deduct	*-151.29*	
		For 14 Gauge Frame, Add	*378.22*	
		For 12 Gauge Frame, Add	*574.90*	
08 12 13 13-0155	EA	2'-10" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,758.79	111.03
		For Auxiliary Frame Reinforcement For Hinges, Add	*230.51*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*184.41*	
		For Type 304 Stainless Steel Frame, Add	*2,777.20*	
		For Type 316 Stainless Steel Frame, Add	*3,238.22*	
		For Baked Enamel Finish, Add	*494.33*	
		For 18 Gauge Frame, Deduct	*-153.67*	
		For 14 Gauge Frame, Add	*384.18*	
		For 12 Gauge Frame, Add	*583.95*	
08 12 13 13-0156	EA	3' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,788.31	113.88
		For Auxiliary Frame Reinforcement For Hinges, Add	*234.08*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*187.27*	
		For Type 304 Stainless Steel Frame, Add	*2,820.38*	
		For Type 316 Stainless Steel Frame, Add	*3,288.54*	
		For Baked Enamel Finish, Add	*502.33*	
		For 18 Gauge Frame, Deduct	*-156.06*	
		For 14 Gauge Frame, Add	*390.14*	
		For 12 Gauge Frame, Add	*593.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0157	EA	3'-4" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,906.90	119.58
		For Auxiliary Frame Reinforcement For Hinges, Add	*250.16*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*200.13*	
		For Type 304 Stainless Steel Frame, Add	*3,013.93*	
		For Type 316 Stainless Steel Frame, Add	*3,514.25*	
		For Baked Enamel Finish, Add	*536.20*	
		For 18 Gauge Frame, Deduct	*-166.78*	
		For 14 Gauge Frame, Add	*416.94*	
		For 12 Gauge Frame, Add	*633.75*	
08 12 13 13-0158	EA	3'-6" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,918.29	125.27
		For Auxiliary Frame Reinforcement For Hinges, Add	*250.16*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*200.13*	
		For Type 304 Stainless Steel Frame, Add	*3,014.49*	
		For Type 316 Stainless Steel Frame, Add	*3,514.82*	
		For Baked Enamel Finish, Add	*537.91*	
		For 18 Gauge Frame, Deduct	*-166.78*	
		For 14 Gauge Frame, Add	*416.94*	
		For 12 Gauge Frame, Add	*633.75*	
08 12 13 13-0159	EA	4' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,989.24	130.96
		For Auxiliary Frame Reinforcement For Hinges, Add	*259.10*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*207.28*	
		For Type 304 Stainless Steel Frame, Add	*3,122.27*	
		For Type 316 Stainless Steel Frame, Add	*3,640.47*	
		For Baked Enamel Finish, Add	*557.48*	
		For 18 Gauge Frame, Deduct	*-172.73*	
		For 14 Gauge Frame, Add	*431.83*	
		For 12 Gauge Frame, Add	*656.38*	
08 12 13 13-0160	EA	5' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	2,060.19	136.65
		For Auxiliary Frame Reinforcement For Hinges, Add	*268.03*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*214.43*	
		For Type 304 Stainless Steel Frame, Add	*3,230.05*	
		For Type 316 Stainless Steel Frame, Add	*3,766.11*	
		For Baked Enamel Finish, Add	*577.06*	
		For 18 Gauge Frame, Deduct	*-178.69*	
		For 14 Gauge Frame, Add	*446.72*	
		For 12 Gauge Frame, Add	*679.01*	
08 12 13 13-0161	EA	5'-4" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	2,071.58	142.35
		For Auxiliary Frame Reinforcement For Hinges, Add	*268.03*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*214.43*	
		For Type 304 Stainless Steel Frame, Add	*3,230.62*	
		For Type 316 Stainless Steel Frame, Add	*3,766.68*	
		For Baked Enamel Finish, Add	*578.77*	
		For 18 Gauge Frame, Deduct	*-178.69*	
		For 14 Gauge Frame, Add	*446.72*	
		For 12 Gauge Frame, Add	*679.01*	
08 12 13 13-0162	EA	5'-8" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	2,107.06	145.20
		For Auxiliary Frame Reinforcement For Hinges, Add	*272.50*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*218.00*	
		For Type 304 Stainless Steel Frame, Add	*3,284.53*	
		For Type 316 Stainless Steel Frame, Add	*3,829.53*	
		For Baked Enamel Finish, Add	*588.56*	
		For 18 Gauge Frame, Deduct	*-181.67*	
		For 14 Gauge Frame, Add	*454.17*	
		For 12 Gauge Frame, Add	*690.33*	
08 12 13 13-0163	EA	6' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	2,142.54	148.04
		For Auxiliary Frame Reinforcement For Hinges, Add	*276.97*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*221.57*	
		For Type 304 Stainless Steel Frame, Add	*3,338.41*	
		For Type 316 Stainless Steel Frame, Add	*3,892.35*	
		For Baked Enamel Finish, Add	*598.35*	
		For 18 Gauge Frame, Deduct	*-184.65*	
		For 14 Gauge Frame, Add	*461.61*	
		For 12 Gauge Frame, Add	*701.65*	
08 12 13 13-0164	EA	7' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	2,267.33	150.89
		For Auxiliary Frame Reinforcement For Hinges, Add	*294.83*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*235.87*	
		For Type 304 Stainless Steel Frame, Add	*3,553.08*	
		For Type 316 Stainless Steel Frame, Add	*4,142.74*	
		For Baked Enamel Finish, Add	*634.93*	
		For 18 Gauge Frame, Deduct	*-196.56*	
		For 14 Gauge Frame, Add	*491.39*	
		For 12 Gauge Frame, Add	*746.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0165	EA	8' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	2,392.18	153.74
		For Auxiliary Frame Reinforcement For Hinges, Add	*312.71*	
		For Welded Frames, Add	*331.63*	
		For Galvanized Frames, Add	*250.16*	
		For Type 304 Stainless Steel Frame, Add	*3,767.83*	
		For Type 316 Stainless Steel Frame, Add	*4,393.24*	
		For Baked Enamel Finish, Add	*671.53*	
		For 18 Gauge Frame, Deduct	*-208.47*	
		For 14 Gauge Frame, Add	*521.18*	
		For 12 Gauge Frame, Add	*792.19*	
08 12 13 13-0166		**Sidelights And Transoms** *(08 12 13 13)*		
		Note: For non-rated or fire rated frame assemblies		
08 12 13 13-0167		**Operable Steel Transom Sash** *(08 12 13 13-0166)*		
		Note: Includes hardware.		
08 12 13 13-0168	SF	4-3/4" Deep, 16 Gauge Frame, Operable Steel Transom Sash	201.52	15.95
		For 18 Gauge Frame, Deduct	*-16.96*	
		For 14 Gauge Frame, Add	*42.41*	
		For 12 Gauge Frame, Add	*64.46*	
08 12 13 13-0169	SF	5-3/4" Deep, 16 Gauge Frame, Operable Steel Transom Sash	211.15	16.51
		For 18 Gauge Frame, Deduct	*-17.81*	
		For 14 Gauge Frame, Add	*44.53*	
		For 12 Gauge Frame, Add	*67.69*	
08 12 13 13-0170	SF	6-3/4" Deep, 16 Gauge Frame, Operable Steel Transom Sash	221.18	17.09
		For 18 Gauge Frame, Deduct	*-18.70*	
		For 14 Gauge Frame, Add	*46.76*	
		For 12 Gauge Frame, Add	*71.07*	
08 12 13 13-0171		**Sidelights, Steel Frame** *(08 12 13 13-0166)*		
		Note: Excludes glazing. See CSI section 08 80 00 00-0000 for glazing.		
08 12 13 13-0172	SF	4-3/4" Deep Sidelights, 16 Gauge Frame	140.67	15.95
		For 18 Gauge Frame, Deduct	*-10.88*	
		For 14 Gauge Frame, Add	*27.20*	
		For 12 Gauge Frame, Add	*41.34*	
08 12 13 13-0173	SF	5-3/4" Deep Sidelights, 16 Gauge Frame	147.26	16.51
		For 18 Gauge Frame, Deduct	*-11.42*	
		For 14 Gauge Frame, Add	*28.56*	
		For 12 Gauge Frame, Add	*43.41*	
08 12 13 13-0174	SF	6-3/4" Deep Sidelights, 16 Gauge Frame	154.08	17.09
		For 18 Gauge Frame, Deduct	*-11.99*	
		For 14 Gauge Frame, Add	*29.98*	
		For 12 Gauge Frame, Add	*45.57*	
08 12 13 13-0175		**Sundry Hollow Metal Frame Sections** *(08 12 13 13)*		
		Note: For non-rated or fire rated frame assemblies		
08 12 13 13-0176		**16 Gauge, Hollow Metal Frame Vertical Mullions** *(08 12 13 13-0175)*		
08 12 13 13-0177	LF	4-3/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Vertical Mullion	35.30	6.37
		For 18 Gauge Frame, Deduct	*-1.93*	
		For 14 Gauge Frame, Add	*4.82*	
		For 12 Gauge Frame, Add	*7.32*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0178	LF	4-3/4" x 2", 16 Gauge, Hollow Metal Frame Vertical Mullion	36.08	6.37
		For 18 Gauge Frame, Deduct	*-2.00*	
		For 14 Gauge Frame, Add	*5.01*	
		For 12 Gauge Frame, Add	*7.62*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0179	LF	5-1/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Vertical Mullion	35.76	6.60
		For 18 Gauge Frame, Deduct	*-1.93*	
		For 14 Gauge Frame, Add	*4.82*	
		For 12 Gauge Frame, Add	*7.32*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0180	LF	5-1/4" x 2", 16 Gauge, Hollow Metal Frame Vertical Mullion	36.96	6.60
		For 18 Gauge Frame, Deduct	*-2.05*	
		For 14 Gauge Frame, Add	*5.12*	
		For 12 Gauge Frame, Add	*7.77*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0181	LF	6-3/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Vertical Mullion	37.09	6.72
		For 18 Gauge Frame, Deduct	*-2.02*	
		For 14 Gauge Frame, Add	*5.06*	
		For 12 Gauge Frame, Add	*7.68*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0182	LF	6-3/4" x 2", 16 Gauge, Hollow Metal Frame Vertical Mullion	37.55	6.72
		For 18 Gauge Frame, Deduct	*-2.07*	
		For 14 Gauge Frame, Add	*5.17*	
		For 12 Gauge Frame, Add	*7.86*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	

08 12 13 13-0183 16 Gauge, Hollow Metal Frame Horizontal Rails *(08 12 13 13-0175)*

08 12 13 13-0184	LF	4-3/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Horizontal Rail	25.67	6.37
		For 18 Gauge Frame, Deduct	*-0.96*	
		For 14 Gauge Frame, Add	*2.41*	
		For 12 Gauge Frame, Add	*3.66*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0185	LF	4-3/4" x 2", 16 Gauge, Hollow Metal Frame Horizontal Rail	26.65	6.37
		For 18 Gauge Frame, Deduct	*-1.06*	
		For 14 Gauge Frame, Add	*2.65*	
		For 12 Gauge Frame, Add	*4.03*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0186	LF	5-1/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Horizontal Rail	26.13	6.60
		For 18 Gauge Frame, Deduct	*-0.96*	
		For 14 Gauge Frame, Add	*2.41*	
		For 12 Gauge Frame, Add	*3.66*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0187	LF	5-1/4" x 2", 16 Gauge, Hollow Metal Frame Horizontal Rail	27.11	6.60
		For 18 Gauge Frame, Deduct	*-1.06*	
		For 14 Gauge Frame, Add	*2.65*	
		For 12 Gauge Frame, Add	*4.03*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0188	LF	6-3/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Horizontal Rail	26.98	6.72
		For 18 Gauge Frame, Deduct	*-1.01*	
		For 14 Gauge Frame, Add	*2.53*	
		For 12 Gauge Frame, Add	*3.84*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0189	LF	6-3/4" x 2", 16 Gauge, Hollow Metal Frame Horizontal Rail	27.83	6.72
		For 18 Gauge Frame, Deduct	*-1.10*	
		For 14 Gauge Frame, Add	*2.74*	
		For 12 Gauge Frame, Add	*4.16*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	

08 12 13 13-0190 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullions *(08 12 13 13-0175)*

08 12 13 13-0191	EA	4-3/4" x 1-3/4" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion	875.77	44.64
		For 18 Gauge Frame, Deduct	*-76.42*	
		For 14 Gauge Frame, Add	*191.04*	
		For 12 Gauge Frame, Add	*290.38*	
08 12 13 13-0192	EA	4-3/4" x 2" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion	906.25	44.64
		For 18 Gauge Frame, Deduct	*-79.47*	
		For 14 Gauge Frame, Add	*198.66*	
		For 12 Gauge Frame, Add	*301.97*	
08 12 13 13-0193	EA	5-1/4" x 1-3/4" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion	1,002.20	46.70
		For 18 Gauge Frame, Deduct	*-88.72*	
		For 14 Gauge Frame, Add	*221.80*	
		For 12 Gauge Frame, Add	*337.13*	
		For 3 Hour Frame, Add	*56.00*	
		For 1-1/2 Hour Frame, Add	*36.00*	
		For 3/4 Hour Frame, Add	*28.00*	
08 12 13 13-0194	EA	5-1/4" x 2" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion	1,029.41	46.70
		For 18 Gauge Frame, Deduct	*-91.44*	
		For 14 Gauge Frame, Add	*228.60*	
		For 12 Gauge Frame, Add	*347.47*	
		For 3 Hour Frame, Add	*56.00*	
		For 1-1/2 Hour Frame, Add	*36.00*	
		For 3/4 Hour Frame, Add	*28.00*	
08 12 13 13-0195	EA	6-3/4" x 1-3/4" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion	1,162.42	47.83
		For 18 Gauge Frame, Deduct	*-104.28*	
		For 14 Gauge Frame, Add	*260.71*	
		For 12 Gauge Frame, Add	*396.28*	
		For 3 Hour Frame, Add	*56.00*	
		For 1-1/2 Hour Frame, Add	*36.00*	
		For 3/4 Hour Frame, Add	*28.00*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0196	EA	6-3/4" x 2" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion	1,180.93	47.83
		For 18 Gauge Frame, Deduct	*-106.14*	
		For 14 Gauge Frame, Add	*265.34*	
		For 12 Gauge Frame, Add	*403.31*	
		For 3 Hour Frame, Add	*56.00*	
		For 1-1/2 Hour Frame, Add	*36.00*	
		For 3/4 Hour Frame, Add	*28.00*	
08 12 13 13-0197		Metal Frames Accessories *(08 12 13 13)*		
08 12 13 13-0198	EA	For 1' Extension Of New Door Frame	34.56	

08 13 Metal Doors *(08 10)*

Note: Includes machining for all hardware. Excludes frames, finish hardware. See CSI section 08 70 00 00-0000 for finish hardware.

08 13 13 Hollow Metal Doors *(08 13)*

08 13 13 13 Standard Hollow Metal Doors *(08 13 13)*

Note: Hollow Metal Doors are full flush, fabricated from cold rolled steel conforming to ASTM A1008, honeycomb core, interlocking mechanical vertical edge seam, with epoxy baked-on primer. Galvanized steel doors are fabricated from a carbon steel sheet and coated with zinc on two sides by the continuous hot-dip process. Hollow Metal Doors are organized by the following levels: 20 Gauge, Level 1 Standard Duty; 18 Gauge, Level 2 Heavy-Duty; 16 Gauge, Level 3 Extra Heavy-Duty; 14 Gauge, Level 4 Maximum Duty.

08 13 13 13-0001 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13)*

08 13 13 13-0002 6'-8" High, 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0001)*

08 13 13 13-0003	EA	2' x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	569.19	62.63
		For Galvanized Steel Door, Add	*88.78*	
		For Type 304 Stainless Steel Door, Add	*355.14*	
		For Type 316 Stainless Steel Door, Add	*577.10*	
		For Embossed Panel Door, Add	*106.54*	
		For Baked Enamel Finish, Add	*151.97*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-31.59*	
		For >100, Deduct	*-45.82*	
		For Polystyrene Core, Add	*44.39*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*110.98*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*55.49*	
08 13 13 13-0004	EA	2'-4" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	569.19	62.63
		For Galvanized Steel Door, Add	*88.78*	
		For Type 304 Stainless Steel Door, Add	*355.14*	
		For Type 316 Stainless Steel Door, Add	*577.10*	
		For Embossed Panel Door, Add	*106.54*	
		For Baked Enamel Finish, Add	*151.97*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-31.59*	
		For >100, Deduct	*-45.82*	
		For Polystyrene Core, Add	*44.39*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*110.98*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*55.49*	
08 13 13 13-0005	EA	2'-6" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	583.96	65.48
		For Galvanized Steel Door, Add	*90.60*	
		For Type 304 Stainless Steel Door, Add	*362.40*	
		For Type 316 Stainless Steel Door, Add	*588.90*	
		For Embossed Panel Door, Add	*108.72*	
		For Baked Enamel Finish, Add	*155.54*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-32.47*	
		For >100, Deduct	*-47.07*	
		For Polystyrene Core, Add	*45.30*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*113.25*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*56.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0006	EA	2'-8" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	590.72	65.48
		For Galvanized Steel Door, Add	*91.95*	
		For Type 304 Stainless Steel Door, Add	*367.81*	
		For Type 316 Stainless Steel Door, Add	*597.69*	
		For Embossed Panel Door, Add	*110.34*	
		For Baked Enamel Finish, Add	*157.57*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-32.81*	
		For >100, Deduct	*-47.58*	
		For Polystyrene Core, Add	*45.98*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*114.94*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*57.47*	
08 13 13 13-0007	EA	2'-10" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	596.27	66.90
		For Galvanized Steel Door, Add	*92.49*	
		For Type 304 Stainless Steel Door, Add	*369.98*	
		For Type 316 Stainless Steel Door, Add	*601.21*	
		For Embossed Panel Door, Add	*110.99*	
		For Baked Enamel Finish, Add	*158.81*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-33.16*	
		For >100, Deduct	*-48.07*	
		For Polystyrene Core, Add	*46.25*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*115.62*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*57.81*	
08 13 13 13-0008	EA	3' x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	601.82	68.33
		For Galvanized Steel Door, Add	*93.03*	
		For Type 304 Stainless Steel Door, Add	*372.14*	
		For Type 316 Stainless Steel Door, Add	*604.72*	
		For Embossed Panel Door, Add	*111.64*	
		For Baked Enamel Finish, Add	*160.05*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-33.51*	
		For >100, Deduct	*-48.55*	
		For Polystyrene Core, Add	*46.52*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*116.29*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*58.15*	
08 13 13 13-0009	EA	3'-4" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	636.98	68.33
		For Galvanized Steel Door, Add	*100.07*	
		For Type 304 Stainless Steel Door, Add	*400.26*	
		For Type 316 Stainless Steel Door, Add	*650.43*	
		For Embossed Panel Door, Add	*120.08*	
		For Baked Enamel Finish, Add	*170.60*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-35.27*	
		For >100, Deduct	*-51.19*	
		For Polystyrene Core, Add	*50.03*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*125.08*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*62.54*	
08 13 13 13-0010	EA	3'-6" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	656.21	71.17
		For Galvanized Steel Door, Add	*102.77*	
		For Type 304 Stainless Steel Door, Add	*411.09*	
		For Type 316 Stainless Steel Door, Add	*668.02*	
		For Embossed Panel Door, Add	*123.33*	
		For Baked Enamel Finish, Add	*175.51*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-36.37*	
		For >100, Deduct	*-52.77*	
		For Polystyrene Core, Add	*51.39*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*128.47*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*64.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0011	EA	4' x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	721.68	76.87
		For Galvanized Steel Door, Add	*113.59*	
		For Type 304 Stainless Steel Door, Add	*454.35*	
		For Type 316 Stainless Steel Door, Add	*738.32*	
		For Embossed Panel Door, Add	*136.31*	
		For Baked Enamel Finish, Add	*193.44*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-39.93*	
		For >100, Deduct	*-57.97*	
		For Polystyrene Core, Add	*56.79*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*141.99*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*70.99*	
08 13 13 13-0012		7' High, 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0001)*		
08 13 13 13-0013	EA	2' x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	580.83	62.63
		For Galvanized Steel Door, Add	*91.11*	
		For Type 304 Stainless Steel Door, Add	*364.45*	
		For Type 316 Stainless Steel Door, Add	*592.23*	
		For Embossed Panel Door, Add	*109.33*	
		For Baked Enamel Finish, Add	*155.46*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-32.17*	
		For >100, Deduct	*-46.69*	
		For Polystyrene Core, Add	*45.56*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*113.89*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*56.95*	
08 13 13 13-0014	EA	2'-4" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	580.83	62.63
		For Galvanized Steel Door, Add	*91.11*	
		For Type 304 Stainless Steel Door, Add	*364.45*	
		For Type 316 Stainless Steel Door, Add	*592.23*	
		For Embossed Panel Door, Add	*109.33*	
		For Baked Enamel Finish, Add	*155.46*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-32.17*	
		For >100, Deduct	*-46.69*	
		For Polystyrene Core, Add	*45.56*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*113.89*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*56.95*	
08 13 13 13-0015	EA	2'-6" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	595.83	65.48
		For Galvanized Steel Door, Add	*92.97*	
		For Type 304 Stainless Steel Door, Add	*371.90*	
		For Type 316 Stainless Steel Door, Add	*604.33*	
		For Embossed Panel Door, Add	*111.57*	
		For Baked Enamel Finish, Add	*159.11*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-33.07*	
		For >100, Deduct	*-47.96*	
		For Polystyrene Core, Add	*46.49*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*116.22*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*58.11*	
08 13 13 13-0016	EA	2'-8" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	602.77	65.48
		For Galvanized Steel Door, Add	*94.36*	
		For Type 304 Stainless Steel Door, Add	*377.45*	
		For Type 316 Stainless Steel Door, Add	*613.35*	
		For Embossed Panel Door, Add	*113.23*	
		For Baked Enamel Finish, Add	*161.19*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-33.41*	
		For >100, Deduct	*-48.48*	
		For Polystyrene Core, Add	*47.18*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*117.95*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*58.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0017	EA	2'-10" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	608.39	66.90
		For Galvanized Steel Door, Add	*94.92*	
		For Type 304 Stainless Steel Door, Add	*379.67*	
		For Type 316 Stainless Steel Door, Add	*616.97*	
		For Embossed Panel Door, Add	*113.90*	
		For Baked Enamel Finish, Add	*162.45*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-33.76*	
		For >100, Deduct	*-48.97*	
		For Polystyrene Core, Add	*47.46*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*118.65*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*59.32*	
08 13 13 13-0018	EA	3' x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	614.01	68.33
		For Galvanized Steel Door, Add	*95.47*	
		For Type 304 Stainless Steel Door, Add	*381.89*	
		For Type 316 Stainless Steel Door, Add	*620.57*	
		For Embossed Panel Door, Add	*114.57*	
		For Baked Enamel Finish, Add	*163.71*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-34.12*	
		For >100, Deduct	*-49.47*	
		For Polystyrene Core, Add	*47.74*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*119.34*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*59.67*	
08 13 13 13-0019	EA	3'-4" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	650.09	68.33
		For Galvanized Steel Door, Add	*102.69*	
		For Type 304 Stainless Steel Door, Add	*410.75*	
		For Type 316 Stainless Steel Door, Add	*667.47*	
		For Embossed Panel Door, Add	*123.23*	
		For Baked Enamel Finish, Add	*174.53*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-35.92*	
		For >100, Deduct	*-52.17*	
		For Polystyrene Core, Add	*51.34*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*128.36*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*64.18*	
08 13 13 13-0020	EA	3'-6" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	669.67	71.17
		For Galvanized Steel Door, Add	*105.46*	
		For Type 304 Stainless Steel Door, Add	*421.86*	
		For Type 316 Stainless Steel Door, Add	*685.52*	
		For Embossed Panel Door, Add	*126.56*	
		For Baked Enamel Finish, Add	*179.55*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-37.04*	
		For >100, Deduct	*-53.78*	
		For Polystyrene Core, Add	*52.73*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*131.83*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*65.92*	
08 13 13 13-0021	EA	4' x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	736.57	76.87
		For Galvanized Steel Door, Add	*116.57*	
		For Type 304 Stainless Steel Door, Add	*466.26*	
		For Type 316 Stainless Steel Door, Add	*757.68*	
		For Embossed Panel Door, Add	*139.88*	
		For Baked Enamel Finish, Add	*197.91*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-40.67*	
		For >100, Deduct	*-59.09*	
		For Polystyrene Core, Add	*58.28*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*145.71*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*72.85*	

08 13 13 13-0022 7'-2" High, 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0023	EA	2' x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	592.12	62.63
		For Galvanized Steel Door, Add	*93.37*	
		For Type 304 Stainless Steel Door, Add	*373.48*	
		For Type 316 Stainless Steel Door, Add	*606.91*	
		For Embossed Panel Door, Add	*112.04*	
		For Baked Enamel Finish, Add	*158.85*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-32.74*	
		For >100, Deduct	*-47.54*	
		For Polystyrene Core, Add	*46.69*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*116.71*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*58.36*	
08 13 13 13-0024	EA	2'-4" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	592.12	62.63
		For Galvanized Steel Door, Add	*93.37*	
		For Type 304 Stainless Steel Door, Add	*373.48*	
		For Type 316 Stainless Steel Door, Add	*606.91*	
		For Embossed Panel Door, Add	*112.04*	
		For Baked Enamel Finish, Add	*158.85*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-32.74*	
		For >100, Deduct	*-47.54*	
		For Polystyrene Core, Add	*46.69*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*116.71*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*58.36*	
08 13 13 13-0025	EA	2'-6" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	607.36	65.48
		For Galvanized Steel Door, Add	*95.28*	
		For Type 304 Stainless Steel Door, Add	*381.12*	
		For Type 316 Stainless Steel Door, Add	*619.32*	
		For Embossed Panel Door, Add	*114.34*	
		For Baked Enamel Finish, Add	*162.56*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-33.64*	
		For >100, Deduct	*-48.83*	
		For Polystyrene Core, Add	*47.64*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*119.10*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*59.55*	
08 13 13 13-0026	EA	2'-8" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	614.47	65.48
		For Galvanized Steel Door, Add	*96.70*	
		For Type 304 Stainless Steel Door, Add	*386.81*	
		For Type 316 Stainless Steel Door, Add	*628.56*	
		For Embossed Panel Door, Add	*116.04*	
		For Baked Enamel Finish, Add	*164.70*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-34.00*	
		For >100, Deduct	*-49.36*	
		For Polystyrene Core, Add	*48.35*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*120.88*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*60.44*	
08 13 13 13-0027	EA	2'-10" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	620.15	66.90
		For Galvanized Steel Door, Add	*97.27*	
		For Type 304 Stainless Steel Door, Add	*389.08*	
		For Type 316 Stainless Steel Door, Add	*632.26*	
		For Embossed Panel Door, Add	*116.72*	
		For Baked Enamel Finish, Add	*165.98*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-34.35*	
		For >100, Deduct	*-49.86*	
		For Polystyrene Core, Add	*48.64*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*121.59*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*60.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0028	EA	3' x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	625.85	68.33
		For Galvanized Steel Door, Add	*97.84*	
		For Type 304 Stainless Steel Door, Add	*391.36*	
		For Type 316 Stainless Steel Door, Add	*635.96*	
		For Embossed Panel Door, Add	*117.41*	
		For Baked Enamel Finish, Add	*167.26*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-34.71*	
		For >100, Deduct	*-50.36*	
		For Polystyrene Core, Add	*48.92*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*122.30*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*61.15*	
08 13 13 13-0029	EA	3'-4" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	662.82	68.33
		For Galvanized Steel Door, Add	*105.23*	
		For Type 304 Stainless Steel Door, Add	*420.94*	
		For Type 316 Stainless Steel Door, Add	*684.02*	
		For Embossed Panel Door, Add	*126.28*	
		For Baked Enamel Finish, Add	*178.35*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-36.56*	
		For >100, Deduct	*-53.13*	
		For Polystyrene Core, Add	*52.62*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*131.54*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*65.77*	
08 13 13 13-0030	EA	3'-6" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	682.75	71.17
		For Galvanized Steel Door, Add	*108.08*	
		For Type 304 Stainless Steel Door, Add	*432.32*	
		For Type 316 Stainless Steel Door, Add	*702.52*	
		For Embossed Panel Door, Add	*129.70*	
		For Baked Enamel Finish, Add	*183.47*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-37.70*	
		For >100, Deduct	*-54.77*	
		For Polystyrene Core, Add	*54.04*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*135.10*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*67.55*	
08 13 13 13-0031	EA	4' x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	751.02	76.87
		For Galvanized Steel Door, Add	*119.46*	
		For Type 304 Stainless Steel Door, Add	*477.82*	
		For Type 316 Stainless Steel Door, Add	*776.46*	
		For Embossed Panel Door, Add	*143.35*	
		For Baked Enamel Finish, Add	*202.25*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-41.39*	
		For >100, Deduct	*-60.17*	
		For Polystyrene Core, Add	*59.73*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*149.32*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*74.66*	

08 13 13 13-0032 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13)*

08 13 13 13-0033 6'-8" High, 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0032)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0034	EA	2' x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	605.11	62.63
		For Galvanized Steel Door, Add	*95.97*	
		For Type 304 Stainless Steel Door, Add	*383.87*	
		For Type 316 Stainless Steel Door, Add	*623.79*	
		For Embossed Panel Door, Add	*115.16*	
		For Baked Enamel Finish, Add	*162.74*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-33.39*	
		For >100, Deduct	*-48.52*	
		For 2" Thick Door, Add	*37.92*	
		For Polystyrene Core, Add	*47.98*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*119.96*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*59.98*	
		For Steel Stiffened, Add	*119.96*	
08 13 13 13-0035	EA	2'-4" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	605.11	62.63
		For Galvanized Steel Door, Add	*95.97*	
		For Type 304 Stainless Steel Door, Add	*383.87*	
		For Type 316 Stainless Steel Door, Add	*623.79*	
		For Embossed Panel Door, Add	*115.16*	
		For Baked Enamel Finish, Add	*162.74*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-33.39*	
		For >100, Deduct	*-48.52*	
		For 2" Thick Door, Add	*37.92*	
		For Polystyrene Core, Add	*47.98*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*119.96*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*59.98*	
		For Steel Stiffened, Add	*119.96*	
08 13 13 13-0036	EA	2'-6" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	620.61	65.48
		For Galvanized Steel Door, Add	*97.93*	
		For Type 304 Stainless Steel Door, Add	*391.72*	
		For Type 316 Stainless Steel Door, Add	*636.55*	
		For Embossed Panel Door, Add	*117.52*	
		For Baked Enamel Finish, Add	*166.54*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-34.30*	
		For >100, Deduct	*-49.82*	
		For 2" Thick Door, Add	*38.77*	
		For Polystyrene Core, Add	*48.97*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*122.41*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*61.21*	
		For Steel Stiffened, Add	*122.41*	
08 13 13 13-0037	EA	2'-8" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	627.92	65.48
		For Galvanized Steel Door, Add	*99.39*	
		For Type 304 Stainless Steel Door, Add	*397.57*	
		For Type 316 Stainless Steel Door, Add	*646.05*	
		For Embossed Panel Door, Add	*119.27*	
		For Baked Enamel Finish, Add	*168.73*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-34.67*	
		For >100, Deduct	*-50.37*	
		For 2" Thick Door, Add	*39.30*	
		For Polystyrene Core, Add	*49.70*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*124.24*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*62.12*	
		For Steel Stiffened, Add	*124.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0038	EA	2'-10" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	633.67	66.90
		For Galvanized Steel Door, Add	*99.97*	
		For Type 304 Stainless Steel Door, Add	*399.90*	
		For Type 316 Stainless Steel Door, Add	*649.83*	
		For Embossed Panel Door, Add	*119.97*	
		For Baked Enamel Finish, Add	*170.03*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-35.03*	
		For >100, Deduct	*-50.87*	
		For 2" Thick Door, Add	*39.59*	
		For Polystyrene Core, Add	*49.99*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*124.97*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*62.48*	
		For Steel Stiffened, Add	*124.97*	
08 13 13 13-0039	EA	3' x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	639.46	68.33
		For Galvanized Steel Door, Add	*100.56*	
		For Type 304 Stainless Steel Door, Add	*402.25*	
		For Type 316 Stainless Steel Door, Add	*653.65*	
		For Embossed Panel Door, Add	*120.67*	
		For Baked Enamel Finish, Add	*171.34*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-35.39*	
		For >100, Deduct	*-51.38*	
		For 2" Thick Door, Add	*39.87*	
		For Polystyrene Core, Add	*50.28*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*125.70*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*62.85*	
		For Steel Stiffened, Add	*125.70*	
08 13 13 13-0040	EA	3'-4" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	677.46	68.33
		For Galvanized Steel Door, Add	*108.16*	
		For Type 304 Stainless Steel Door, Add	*432.65*	
		For Type 316 Stainless Steel Door, Add	*703.05*	
		For Embossed Panel Door, Add	*129.79*	
		For Baked Enamel Finish, Add	*182.74*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-37.29*	
		For >100, Deduct	*-54.23*	
		For 2" Thick Door, Add	*42.62*	
		For Polystyrene Core, Add	*54.08*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*135.20*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*67.60*	
		For Steel Stiffened, Add	*135.20*	
08 13 13 13-0041	EA	3'-6" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	697.78	71.17
		For Galvanized Steel Door, Add	*111.09*	
		For Type 304 Stainless Steel Door, Add	*444.34*	
		For Type 316 Stainless Steel Door, Add	*722.06*	
		For Embossed Panel Door, Add	*133.30*	
		For Baked Enamel Finish, Add	*187.98*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-38.45*	
		For >100, Deduct	*-55.89*	
		For 2" Thick Door, Add	*43.83*	
		For Polystyrene Core, Add	*55.54*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*138.86*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*69.43*	
		For Steel Stiffened, Add	*138.86*	

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MINOR CSI UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0042	EA 4' x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	767.63	76.87
	For Galvanized Steel Door, Add	*122.78*	
	For Type 304 Stainless Steel Door, Add	*491.11*	
	For Type 316 Stainless Steel Door, Add	*798.06*	
	For Embossed Panel Door, Add	*147.33*	
	For Baked Enamel Finish, Add	*207.23*	
	For 20 Minute Fire Rated Door, Add	*27.63*	
	For 45 Minute Fire Rated Door, Add	*41.40*	
	For 60 Minute Fire Rated Door, Add	*55.27*	
	For 90 Minute Fire Rated Door, Add	*93.38*	
	For 3 Hour Fire Rated Door, Add	*131.50*	
	For >50 To 100, Deduct	*-42.23*	
	For >100, Deduct	*-61.42*	
	For 2" Thick Door, Add	*48.35*	
	For Polystyrene Core, Add	*61.39*	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*153.47*	
	For Continuously Welded And Filled Vertical Edge Seam, Add	*76.74*	
	For Steel Stiffened, Add	*153.47*	

08 13 13 13-0043 7' High, 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0032)*

08 13 13 13-0044	EA 2' x 7' x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	616.50	62.63
	For Galvanized Steel Door, Add	*98.25*	
	For Type 304 Stainless Steel Door, Add	*392.98*	
	For Type 316 Stainless Steel Door, Add	*638.60*	
	For Embossed Panel Door, Add	*117.90*	
	For Baked Enamel Finish, Add	*166.16*	
	For 20 Minute Fire Rated Door, Add	*27.63*	
	For 45 Minute Fire Rated Door, Add	*41.40*	
	For 60 Minute Fire Rated Door, Add	*55.27*	
	For 90 Minute Fire Rated Door, Add	*93.38*	
	For 3 Hour Fire Rated Door, Add	*131.50*	
	For >50 To 100, Deduct	*-33.96*	
	For >100, Deduct	*-49.37*	
	For 2" Thick Door, Add	*38.75*	
	For Polystyrene Core, Add	*49.12*	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*122.81*	
	For Continuously Welded And Filled Vertical Edge Seam, Add	*61.40*	
	For Steel Stiffened, Add	*122.81*	
08 13 13 13-0045	EA 2'-4" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	616.50	62.63
	For Galvanized Steel Door, Add	*98.25*	
	For Type 304 Stainless Steel Door, Add	*392.98*	
	For Type 316 Stainless Steel Door, Add	*638.60*	
	For Embossed Panel Door, Add	*117.90*	
	For Baked Enamel Finish, Add	*166.16*	
	For 20 Minute Fire Rated Door, Add	*27.63*	
	For 45 Minute Fire Rated Door, Add	*41.40*	
	For 60 Minute Fire Rated Door, Add	*55.27*	
	For 90 Minute Fire Rated Door, Add	*93.38*	
	For 3 Hour Fire Rated Door, Add	*131.50*	
	For >50 To 100, Deduct	*-33.96*	
	For >100, Deduct	*-49.37*	
	For 2" Thick Door, Add	*38.75*	
	For Polystyrene Core, Add	*49.12*	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*122.81*	
	For Continuously Welded And Filled Vertical Edge Seam, Add	*61.40*	
	For Steel Stiffened, Add	*122.81*	
08 13 13 13-0046	EA 2'-6" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	632.23	65.48
	For Galvanized Steel Door, Add	*100.25*	
	For Type 304 Stainless Steel Door, Add	*401.02*	
	For Type 316 Stainless Steel Door, Add	*651.65*	
	For Embossed Panel Door, Add	*120.30*	
	For Baked Enamel Finish, Add	*170.03*	
	For 20 Minute Fire Rated Door, Add	*27.63*	
	For 45 Minute Fire Rated Door, Add	*41.40*	
	For 60 Minute Fire Rated Door, Add	*55.27*	
	For 90 Minute Fire Rated Door, Add	*93.38*	
	For 3 Hour Fire Rated Door, Add	*131.50*	
	For >50 To 100, Deduct	*-34.89*	
	For >100, Deduct	*-50.69*	
	For 2" Thick Door, Add	*39.62*	
	For Polystyrene Core, Add	*50.13*	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*125.32*	
	For Continuously Welded And Filled Vertical Edge Seam, Add	*62.66*	
	For Steel Stiffened, Add	*125.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0047	EA	2'-8" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	639.71	65.48
		For Galvanized Steel Door, Add	*101.75*	
		For Type 304 Stainless Steel Door, Add	*407.00*	
		For Type 316 Stainless Steel Door, Add	*661.38*	
		For Embossed Panel Door, Add	*122.10*	
		For Baked Enamel Finish, Add	*172.27*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-35.26*	
		For >100, Deduct	*-51.25*	
		For 2" Thick Door, Add	*40.16*	
		For Polystyrene Core, Add	*50.88*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*127.19*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*63.59*	
		For Steel Stiffened, Add	*127.19*	
08 13 13 13-0048	EA	2'-10" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	645.55	66.90
		For Galvanized Steel Door, Add	*102.35*	
		For Type 304 Stainless Steel Door, Add	*409.40*	
		For Type 316 Stainless Steel Door, Add	*665.28*	
		For Embossed Panel Door, Add	*122.82*	
		For Baked Enamel Finish, Add	*173.60*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-35.62*	
		For >100, Deduct	*-51.76*	
		For 2" Thick Door, Add	*40.45*	
		For Polystyrene Core, Add	*51.18*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*127.94*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*63.97*	
		For Steel Stiffened, Add	*127.94*	
08 13 13 13-0049	EA	3' x 7' x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	651.39	68.33
		For Galvanized Steel Door, Add	*102.95*	
		For Type 304 Stainless Steel Door, Add	*411.79*	
		For Type 316 Stainless Steel Door, Add	*669.16*	
		For Embossed Panel Door, Add	*123.54*	
		For Baked Enamel Finish, Add	*174.92*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-35.99*	
		For >100, Deduct	*-52.27*	
		For 2" Thick Door, Add	*40.73*	
		For Polystyrene Core, Add	*51.47*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*128.69*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*64.34*	
		For Steel Stiffened, Add	*128.69*	
08 13 13 13-0050	EA	3'-4" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	690.29	68.33
		For Galvanized Steel Door, Add	*110.73*	
		For Type 304 Stainless Steel Door, Add	*442.91*	
		For Type 316 Stainless Steel Door, Add	*719.73*	
		For Embossed Panel Door, Add	*132.87*	
		For Baked Enamel Finish, Add	*186.59*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-37.93*	
		For >100, Deduct	*-55.19*	
		For 2" Thick Door, Add	*43.56*	
		For Polystyrene Core, Add	*55.36*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*138.41*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*69.21*	
		For Steel Stiffened, Add	*138.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0051	EA	3'-6" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	710.96	71.17
		For Galvanized Steel Door, Add	*113.72*	
		For Type 304 Stainless Steel Door, Add	*454.89*	
		For Type 316 Stainless Steel Door, Add	*739.19*	
		For Embossed Panel Door, Add	*136.47*	
		For Baked Enamel Finish, Add	*191.94*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-39.11*	
		For >100, Deduct	*-56.88*	
		For 2" Thick Door, Add	*44.78*	
		For Polystyrene Core, Add	*56.86*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*142.15*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*71.08*	
		For Steel Stiffened, Add	*142.15*	
08 13 13 13-0052	EA	4' x 7' x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	782.20	76.87
		For Galvanized Steel Door, Add	*125.69*	
		For Type 304 Stainless Steel Door, Add	*502.77*	
		For Type 316 Stainless Steel Door, Add	*817.00*	
		For Embossed Panel Door, Add	*150.83*	
		For Baked Enamel Finish, Add	*211.60*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-42.95*	
		For >100, Deduct	*-62.51*	
		For 2" Thick Door, Add	*49.41*	
		For Polystyrene Core, Add	*62.85*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*157.12*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*78.56*	
		For Steel Stiffened, Add	*157.12*	

08 13 13 13-0053 7'-2" High, 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0032)*

08 13 13 13-0054	EA	2' x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	627.89	62.63
		For Galvanized Steel Door, Add	*100.52*	
		For Type 304 Stainless Steel Door, Add	*402.10*	
		For Type 316 Stainless Steel Door, Add	*653.41*	
		For Embossed Panel Door, Add	*120.63*	
		For Baked Enamel Finish, Add	*169.58*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-34.53*	
		For >100, Deduct	*-50.22*	
		For 2" Thick Door, Add	*39.57*	
		For Polystyrene Core, Add	*50.26*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*125.66*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*62.83*	
		For Steel Stiffened, Add	*125.66*	
08 13 13 13-0055	EA	2'-4" x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	627.89	62.63
		For Galvanized Steel Door, Add	*100.52*	
		For Type 304 Stainless Steel Door, Add	*402.10*	
		For Type 316 Stainless Steel Door, Add	*653.41*	
		For Embossed Panel Door, Add	*120.63*	
		For Baked Enamel Finish, Add	*169.58*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-34.53*	
		For >100, Deduct	*-50.22*	
		For 2" Thick Door, Add	*39.57*	
		For Polystyrene Core, Add	*50.26*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*125.66*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*62.83*	
		For Steel Stiffened, Add	*125.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0056	EA	2'-6" x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	643.85	65.48
		For Galvanized Steel Door, Add	*102.58*	
		For Type 304 Stainless Steel Door, Add	*410.31*	
		For Type 316 Stainless Steel Door, Add	*666.76*	
		For Embossed Panel Door, Add	*123.09*	
		For Baked Enamel Finish, Add	*173.51*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-35.47*	
		For >100, Deduct	*-51.56*	
		For 2" Thick Door, Add	*40.46*	
		For Polystyrene Core, Add	*51.29*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*128.22*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*64.11*	
		For Steel Stiffened, Add	*128.22*	
08 13 13 13-0057	EA	2'-8" x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	651.51	65.48
		For Galvanized Steel Door, Add	*104.11*	
		For Type 304 Stainless Steel Door, Add	*416.44*	
		For Type 316 Stainless Steel Door, Add	*676.72*	
		For Embossed Panel Door, Add	*124.93*	
		For Baked Enamel Finish, Add	*175.81*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-35.85*	
		For >100, Deduct	*-52.14*	
		For 2" Thick Door, Add	*41.01*	
		For Polystyrene Core, Add	*52.06*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*130.14*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*65.07*	
		For Steel Stiffened, Add	*130.14*	
08 13 13 13-0058	EA	3' x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	663.32	68.33
		For Galvanized Steel Door, Add	*105.33*	
		For Type 304 Stainless Steel Door, Add	*421.34*	
		For Type 316 Stainless Steel Door, Add	*684.67*	
		For Embossed Panel Door, Add	*126.40*	
		For Baked Enamel Finish, Add	*178.50*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-36.58*	
		For >100, Deduct	*-53.17*	
		For 2" Thick Door, Add	*41.60*	
		For Polystyrene Core, Add	*52.67*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*131.67*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*65.83*	
		For Steel Stiffened, Add	*131.67*	
08 13 13 13-0059	EA	3'-4" x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	703.13	68.33
		For Galvanized Steel Door, Add	*113.30*	
		For Type 304 Stainless Steel Door, Add	*453.18*	
		For Type 316 Stainless Steel Door, Add	*736.42*	
		For Embossed Panel Door, Add	*135.96*	
		For Baked Enamel Finish, Add	*190.44*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-38.57*	
		For >100, Deduct	*-56.15*	
		For 2" Thick Door, Add	*44.49*	
		For Polystyrene Core, Add	*56.65*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*141.62*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*70.81*	
		For Steel Stiffened, Add	*141.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0060	EA	3'-6" x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	724.14	71.17
		For Galvanized Steel Door, Add	*116.36*	
		For Type 304 Stainless Steel Door, Add	*465.43*	
		For Type 316 Stainless Steel Door, Add	*756.33*	
		For Embossed Panel Door, Add	*139.63*	
		For Baked Enamel Finish, Add	*195.89*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-39.77*	
		For >100, Deduct	*-57.87*	
		For 2" Thick Door, Add	*45.74*	
		For Polystyrene Core, Add	*58.18*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*145.45*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*72.72*	
		For Steel Stiffened, Add	*145.45*	
08 13 13 13-0061	EA	4' x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	796.77	76.87
		For Galvanized Steel Door, Add	*128.61*	
		For Type 304 Stainless Steel Door, Add	*514.42*	
		For Type 316 Stainless Steel Door, Add	*835.94*	
		For Embossed Panel Door, Add	*154.33*	
		For Baked Enamel Finish, Add	*215.97*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-43.68*	
		For >100, Deduct	*-63.60*	
		For 2" Thick Door, Add	*50.46*	
		For Polystyrene Core, Add	*64.30*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*160.76*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*80.38*	
		For Steel Stiffened, Add	*160.76*	
08 13 13 13-0062		8' High, 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0032)*		
08 13 13 13-0063	EA	2' x 8' x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	721.82	62.63
		For Up To 1' Extra Height, Add	*165.07*	
		For 1' To 1'-6" Extra Height, Add	*314.92*	
		For Galvanized Steel Door, Add	*119.31*	
		For Type 304 Stainless Steel Door, Add	*477.24*	
		For Type 316 Stainless Steel Door, Add	*775.52*	
		For Embossed Panel Door, Add	*143.17*	
		For Baked Enamel Finish, Add	*197.76*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-39.22*	
		For >100, Deduct	*-57.27*	
		For 2" Thick Door, Add	*46.38*	
		For Polystyrene Core, Add	*59.66*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*149.14*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*74.57*	
		For Steel Stiffened, Add	*149.14*	
08 13 13 13-0064	EA	2'-4" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	721.82	62.63
		For Up To 1' Extra Height, Add	*165.07*	
		For 1' To 1'-6" Extra Height, Add	*314.92*	
		For Galvanized Steel Door, Add	*119.31*	
		For Type 304 Stainless Steel Door, Add	*477.24*	
		For Type 316 Stainless Steel Door, Add	*775.52*	
		For Embossed Panel Door, Add	*143.17*	
		For Baked Enamel Finish, Add	*197.76*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-39.22*	
		For >100, Deduct	*-57.27*	
		For 2" Thick Door, Add	*46.38*	
		For Polystyrene Core, Add	*59.66*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*149.14*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*74.57*	
		For Steel Stiffened, Add	*149.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0065	EA	2'-6" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	739.71	65.48
		For Up To 1' Extra Height, Add	*168.44*	
		For 1' To 1'-6" Extra Height, Add	*321.36*	
		For Galvanized Steel Door, Add	*121.75*	
		For Type 304 Stainless Steel Door, Add	*487.00*	
		For Type 316 Stainless Steel Door, Add	*791.38*	
		For Embossed Panel Door, Add	*146.10*	
		For Baked Enamel Finish, Add	*202.27*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-40.26*	
		For >100, Deduct	*-58.75*	
		For 2" Thick Door, Add	*47.41*	
		For Polystyrene Core, Add	*60.88*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*152.19*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*76.09*	
		For Steel Stiffened, Add	*152.19*	
08 13 13 13-0066	EA	2'-8" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	748.80	65.48
		For Up To 1' Extra Height, Add	*170.96*	
		For 1' To 1'-6" Extra Height, Add	*326.16*	
		For Galvanized Steel Door, Add	*123.57*	
		For Type 304 Stainless Steel Door, Add	*494.27*	
		For Type 316 Stainless Steel Door, Add	*803.19*	
		For Embossed Panel Door, Add	*148.28*	
		For Baked Enamel Finish, Add	*205.00*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-40.71*	
		For >100, Deduct	*-59.43*	
		For 2" Thick Door, Add	*48.07*	
		For Polystyrene Core, Add	*61.78*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*154.46*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*77.23*	
		For Steel Stiffened, Add	*154.46*	
08 13 13 13-0067	EA	2'-10" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	755.27	66.90
		For Up To 1' Extra Height, Add	*171.96*	
		For 1' To 1'-6" Extra Height, Add	*328.07*	
		For Galvanized Steel Door, Add	*124.29*	
		For Type 304 Stainless Steel Door, Add	*497.18*	
		For Type 316 Stainless Steel Door, Add	*807.91*	
		For Embossed Panel Door, Add	*149.15*	
		For Baked Enamel Finish, Add	*206.51*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-41.11*	
		For >100, Deduct	*-59.99*	
		For 2" Thick Door, Add	*48.40*	
		For Polystyrene Core, Add	*62.15*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*155.37*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*77.68*	
		For Steel Stiffened, Add	*155.37*	
08 13 13 13-0068	EA	3' x 8' x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	761.75	68.33
		For Up To 1' Extra Height, Add	*172.97*	
		For 1' To 1'-6" Extra Height, Add	*329.99*	
		For Galvanized Steel Door, Add	*125.02*	
		For Type 304 Stainless Steel Door, Add	*500.08*	
		For Type 316 Stainless Steel Door, Add	*812.63*	
		For Embossed Panel Door, Add	*150.02*	
		For Baked Enamel Finish, Add	*208.03*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-41.50*	
		For >100, Deduct	*-60.55*	
		For 2" Thick Door, Add	*48.74*	
		For Polystyrene Core, Add	*62.51*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*156.28*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*78.14*	
		For Steel Stiffened, Add	*156.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0069	EA	3'-4" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	809.00	68.33
		For Up To 1' Extra Height, Add	*186.04*	
		For 1' To 1'-6" Extra Height, Add	*354.93*	
		For Galvanized Steel Door, Add	*134.47*	
		For Type 304 Stainless Steel Door, Add	*537.88*	
		For Type 316 Stainless Steel Door, Add	*874.06*	
		For Embossed Panel Door, Add	*161.36*	
		For Baked Enamel Finish, Add	*222.20*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-43.87*	
		For >100, Deduct	*-64.09*	
		For 2" Thick Door, Add	*52.16*	
		For Polystyrene Core, Add	*67.24*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*168.09*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*84.04*	
		For Steel Stiffened, Add	*168.09*	
08 13 13 13-0070	EA	3'-6" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	832.87	71.17
		For Up To 1' Extra Height, Add	*191.07*	
		For 1' To 1'-6" Extra Height, Add	*364.53*	
		For Galvanized Steel Door, Add	*138.10*	
		For Type 304 Stainless Steel Door, Add	*552.42*	
		For Type 316 Stainless Steel Door, Add	*897.68*	
		For Embossed Panel Door, Add	*165.72*	
		For Baked Enamel Finish, Add	*228.51*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-45.20*	
		For >100, Deduct	*-66.02*	
		For 2" Thick Door, Add	*53.62*	
		For Polystyrene Core, Add	*69.05*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*172.63*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*86.32*	
		For Steel Stiffened, Add	*172.63*	
08 13 13 13-0071	EA	4' x 8' x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door	916.95	76.87
		For Up To 1' Extra Height, Add	*211.18*	
		For 1' To 1'-6" Extra Height, Add	*402.90*	
		For Galvanized Steel Door, Add	*152.64*	
		For Type 304 Stainless Steel Door, Add	*610.57*	
		For Type 316 Stainless Steel Door, Add	*992.17*	
		For Embossed Panel Door, Add	*183.17*	
		For Baked Enamel Finish, Add	*252.02*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-49.69*	
		For >100, Deduct	*-72.61*	
		For 2" Thick Door, Add	*59.18*	
		For Polystyrene Core, Add	*76.32*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*190.80*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*95.40*	
		For Steel Stiffened, Add	*190.80*	

08 13 13 13-0072 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13)*

08 13 13 13-0073 6'-8" High, 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0072)*

08 13 13 13-0074	EA	2' x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	789.85	62.63
		For 14 Gauge, Level 4 Maximum Duty, Add	*265.83*	
		For Galvanized Steel Door, Add	*132.92*	
		For Type 304 Stainless Steel Door, Add	*531.66*	
		For Type 316 Stainless Steel Door, Add	*863.95*	
		For Embossed Panel Door, Add	*159.50*	
		For Baked Enamel Finish, Add	*218.16*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-42.62*	
		For >100, Deduct	*-62.37*	
		For 2" Thick Door, Add	*51.31*	
		For Polystyrene Core, Add	*66.46*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*166.15*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*83.07*	
		For Steel Stiffened, Add	*166.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0075	EA	2'-4" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	789.85	62.63
		For 14 Gauge, Level 4 Maximum Duty, Add	*265.83*	
		For Galvanized Steel Door, Add	*132.92*	
		For Type 304 Stainless Steel Door, Add	*531.66*	
		For Type 316 Stainless Steel Door, Add	*863.95*	
		For Embossed Panel Door, Add	*159.50*	
		For Baked Enamel Finish, Add	*218.16*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-42.62*	
		For >100, Deduct	*-62.37*	
		For 2" Thick Door, Add	*51.31*	
		For Polystyrene Core, Add	*66.46*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*166.15*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*83.07*	
		For Steel Stiffened, Add	*166.15*	
08 13 13 13-0076	EA	2'-6" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	809.13	65.48
		For 14 Gauge, Level 4 Maximum Duty, Add	*271.27*	
		For Galvanized Steel Door, Add	*135.63*	
		For Type 304 Stainless Steel Door, Add	*542.54*	
		For Type 316 Stainless Steel Door, Add	*881.62*	
		For Embossed Panel Door, Add	*162.76*	
		For Baked Enamel Finish, Add	*223.10*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-43.73*	
		For >100, Deduct	*-63.96*	
		For 2" Thick Door, Add	*52.44*	
		For Polystyrene Core, Add	*67.82*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*169.54*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*84.77*	
		For Steel Stiffened, Add	*169.54*	
08 13 13 13-0077	EA	2'-8" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	819.25	65.48
		For 14 Gauge, Level 4 Maximum Duty, Add	*275.32*	
		For Galvanized Steel Door, Add	*137.66*	
		For Type 304 Stainless Steel Door, Add	*550.63*	
		For Type 316 Stainless Steel Door, Add	*894.78*	
		For Embossed Panel Door, Add	*165.19*	
		For Baked Enamel Finish, Add	*226.13*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-44.24*	
		For >100, Deduct	*-64.72*	
		For 2" Thick Door, Add	*53.18*	
		For Polystyrene Core, Add	*68.83*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*172.07*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*86.04*	
		For Steel Stiffened, Add	*172.07*	
08 13 13 13-0078	EA	2'-10" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	826.15	66.90
		For 14 Gauge, Level 4 Maximum Duty, Add	*276.94*	
		For Galvanized Steel Door, Add	*138.47*	
		For Type 304 Stainless Steel Door, Add	*553.88*	
		For Type 316 Stainless Steel Door, Add	*900.06*	
		For Embossed Panel Door, Add	*166.16*	
		For Baked Enamel Finish, Add	*227.78*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-44.65*	
		For >100, Deduct	*-65.31*	
		For 2" Thick Door, Add	*53.54*	
		For Polystyrene Core, Add	*69.24*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*173.09*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*86.54*	
		For Steel Stiffened, Add	*173.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0079	EA	3' x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	833.04	68.33
		For 14 Gauge, Level 4 Maximum Duty, Add	*278.56*	
		For Galvanized Steel Door, Add	*139.28*	
		For Type 304 Stainless Steel Door, Add	*557.11*	
		For Type 316 Stainless Steel Door, Add	*905.31*	
		For Embossed Panel Door, Add	*167.13*	
		For Baked Enamel Finish, Add	*229.41*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-45.07*	
		For >100, Deduct	*-65.89*	
		For 2" Thick Door, Add	*53.90*	
		For Polystyrene Core, Add	*69.64*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*174.10*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*87.05*	
		For Steel Stiffened, Add	*174.10*	
08 13 13 13-0080	EA	3'-4" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	885.67	68.33
		For 14 Gauge, Level 4 Maximum Duty, Add	*299.61*	
		For Galvanized Steel Door, Add	*149.80*	
		For Type 304 Stainless Steel Door, Add	*599.22*	
		For Type 316 Stainless Steel Door, Add	*973.73*	
		For Embossed Panel Door, Add	*179.76*	
		For Baked Enamel Finish, Add	*245.20*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-47.70*	
		For >100, Deduct	*-69.84*	
		For 2" Thick Door, Add	*57.72*	
		For Polystyrene Core, Add	*74.90*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*187.26*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*93.63*	
		For Steel Stiffened, Add	*187.26*	
08 13 13 13-0081	EA	3'-6" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	911.61	71.17
		For 14 Gauge, Level 4 Maximum Duty, Add	*307.70*	
		For Galvanized Steel Door, Add	*153.85*	
		For Type 304 Stainless Steel Door, Add	*615.41*	
		For Type 316 Stainless Steel Door, Add	*1,000.04*	
		For Embossed Panel Door, Add	*184.62*	
		For Baked Enamel Finish, Add	*252.13*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-49.14*	
		For >100, Deduct	*-71.93*	
		For 2" Thick Door, Add	*59.33*	
		For Polystyrene Core, Add	*76.93*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*192.32*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*96.16*	
		For Steel Stiffened, Add	*192.32*	
08 13 13 13-0082	EA	4' x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	1,003.98	76.87
		For 14 Gauge, Level 4 Maximum Duty, Add	*340.10*	
		For Galvanized Steel Door, Add	*170.05*	
		For Type 304 Stainless Steel Door, Add	*680.19*	
		For Type 316 Stainless Steel Door, Add	*1,105.31*	
		For Embossed Panel Door, Add	*204.06*	
		For Baked Enamel Finish, Add	*278.13*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-54.04*	
		For >100, Deduct	*-79.14*	
		For 2" Thick Door, Add	*65.49*	
		For Polystyrene Core, Add	*85.02*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*212.56*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*106.28*	
		For Steel Stiffened, Add	*212.56*	

08 13 13 13-0083 7' High, 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0072)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0084	EA	2' x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	805.62	62.63
		For 14 Gauge, Level 4 Maximum Duty, Add	*272.14*	
		For Galvanized Steel Door, Add	*136.07*	
		For Type 304 Stainless Steel Door, Add	*544.28*	
		For Type 316 Stainless Steel Door, Add	*884.46*	
		For Embossed Panel Door, Add	*163.28*	
		For Baked Enamel Finish, Add	*222.90*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-43.41*	
		For >100, Deduct	*-63.55*	
		For 2" Thick Door, Add	*52.46*	
		For Polystyrene Core, Add	*68.04*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*170.09*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*85.04*	
		For Steel Stiffened, Add	*170.09*	
08 13 13 13-0085	EA	2'-4" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	805.62	62.63
		For 14 Gauge, Level 4 Maximum Duty, Add	*272.14*	
		For Galvanized Steel Door, Add	*136.07*	
		For Type 304 Stainless Steel Door, Add	*544.28*	
		For Type 316 Stainless Steel Door, Add	*884.46*	
		For Embossed Panel Door, Add	*163.28*	
		For Baked Enamel Finish, Add	*222.90*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-43.41*	
		For >100, Deduct	*-63.55*	
		For 2" Thick Door, Add	*52.46*	
		For Polystyrene Core, Add	*68.04*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*170.09*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*85.04*	
		For Steel Stiffened, Add	*170.09*	
08 13 13 13-0086	EA	2'-6" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	825.22	65.48
		For 14 Gauge, Level 4 Maximum Duty, Add	*277.70*	
		For Galvanized Steel Door, Add	*138.85*	
		For Type 304 Stainless Steel Door, Add	*555.41*	
		For Type 316 Stainless Steel Door, Add	*902.54*	
		For Embossed Panel Door, Add	*166.62*	
		For Baked Enamel Finish, Add	*227.92*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-44.54*	
		For >100, Deduct	*-65.17*	
		For 2" Thick Door, Add	*53.61*	
		For Polystyrene Core, Add	*69.43*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*173.57*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*86.78*	
		For Steel Stiffened, Add	*173.57*	
08 13 13 13-0087	EA	2'-8" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	835.58	65.48
		For 14 Gauge, Level 4 Maximum Duty, Add	*281.85*	
		For Galvanized Steel Door, Add	*140.92*	
		For Type 304 Stainless Steel Door, Add	*563.70*	
		For Type 316 Stainless Steel Door, Add	*916.01*	
		For Embossed Panel Door, Add	*169.11*	
		For Baked Enamel Finish, Add	*231.03*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-45.05*	
		For >100, Deduct	*-65.94*	
		For 2" Thick Door, Add	*54.36*	
		For Polystyrene Core, Add	*70.46*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*176.16*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*88.08*	
		For Steel Stiffened, Add	*176.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0088	EA	2'-10" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	842.57	66.90
		For 14 Gauge, Level 4 Maximum Duty, Add	*283.51*	
		For Galvanized Steel Door, Add	*141.75*	
		For Type 304 Stainless Steel Door, Add	*567.02*	
		For Type 316 Stainless Steel Door, Add	*921.40*	
		For Embossed Panel Door, Add	*170.10*	
		For Baked Enamel Finish, Add	*232.70*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-45.47*	
		For >100, Deduct	*-66.54*	
		For 2" Thick Door, Add	*54.73*	
		For Polystyrene Core, Add	*70.88*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*177.19*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*88.60*	
		For Steel Stiffened, Add	*177.19*	
08 13 13 13-0089	EA	3' x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	849.56	68.33
		For 14 Gauge, Level 4 Maximum Duty, Add	*285.16*	
		For Galvanized Steel Door, Add	*142.58*	
		For Type 304 Stainless Steel Door, Add	*570.33*	
		For Type 316 Stainless Steel Door, Add	*926.78*	
		For Embossed Panel Door, Add	*171.10*	
		For Baked Enamel Finish, Add	*234.37*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-45.89*	
		For >100, Deduct	*-67.13*	
		For 2" Thick Door, Add	*55.10*	
		For Polystyrene Core, Add	*71.29*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*178.23*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*89.11*	
		For Steel Stiffened, Add	*178.23*	
08 13 13 13-0090	EA	3'-4" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	903.45	68.33
		For 14 Gauge, Level 4 Maximum Duty, Add	*306.72*	
		For Galvanized Steel Door, Add	*153.36*	
		For Type 304 Stainless Steel Door, Add	*613.44*	
		For Type 316 Stainless Steel Door, Add	*996.84*	
		For Embossed Panel Door, Add	*184.03*	
		For Baked Enamel Finish, Add	*250.54*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-48.59*	
		For >100, Deduct	*-71.18*	
		For 2" Thick Door, Add	*59.01*	
		For Polystyrene Core, Add	*76.68*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*191.70*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*95.85*	
		For Steel Stiffened, Add	*191.70*	
08 13 13 13-0091	EA	3'-6" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	929.87	71.17
		For 14 Gauge, Level 4 Maximum Duty, Add	*315.01*	
		For Galvanized Steel Door, Add	*157.50*	
		For Type 304 Stainless Steel Door, Add	*630.02*	
		For Type 316 Stainless Steel Door, Add	*1,023.78*	
		For Embossed Panel Door, Add	*189.00*	
		For Baked Enamel Finish, Add	*257.61*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-50.05*	
		For >100, Deduct	*-73.30*	
		For 2" Thick Door, Add	*60.65*	
		For Polystyrene Core, Add	*78.75*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*196.88*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*98.44*	
		For Steel Stiffened, Add	*196.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0092	EA	4' x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	1,024.16	76.87
		For 14 Gauge, Level 4 Maximum Duty, Add	*348.17*	
		For Galvanized Steel Door, Add	*174.08*	
		For Type 304 Stainless Steel Door, Add	*696.34*	
		For Type 316 Stainless Steel Door, Add	*1,131.55*	
		For Embossed Panel Door, Add	*208.90*	
		For Baked Enamel Finish, Add	*284.19*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-55.05*	
		For >100, Deduct	*-80.66*	
		For 2" Thick Door, Add	*66.95*	
		For Polystyrene Core, Add	*87.04*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*217.61*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*108.80*	
		For Steel Stiffened, Add	*217.61*	
08 13 13 13-0093		7'-2" High, 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0072)*		
08 13 13 13-0094	EA	2' x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	821.39	62.63
		For 14 Gauge, Level 4 Maximum Duty, Add	*278.45*	
		For Galvanized Steel Door, Add	*139.22*	
		For Type 304 Stainless Steel Door, Add	*556.90*	
		For Type 316 Stainless Steel Door, Add	*904.96*	
		For Embossed Panel Door, Add	*167.07*	
		For Baked Enamel Finish, Add	*227.63*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-44.20*	
		For >100, Deduct	*-64.74*	
		For 2" Thick Door, Add	*53.60*	
		For Polystyrene Core, Add	*69.61*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*174.03*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*87.02*	
		For Steel Stiffened, Add	*174.03*	
08 13 13 13-0095	EA	2'-4" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	821.39	62.63
		For 14 Gauge, Level 4 Maximum Duty, Add	*278.45*	
		For Galvanized Steel Door, Add	*139.22*	
		For Type 304 Stainless Steel Door, Add	*556.90*	
		For Type 316 Stainless Steel Door, Add	*904.96*	
		For Embossed Panel Door, Add	*167.07*	
		For Baked Enamel Finish, Add	*227.63*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-44.20*	
		For >100, Deduct	*-64.74*	
		For 2" Thick Door, Add	*53.60*	
		For Polystyrene Core, Add	*69.61*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*174.03*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*87.02*	
		For Steel Stiffened, Add	*174.03*	
08 13 13 13-0096	EA	2'-6" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	841.32	65.48
		For 14 Gauge, Level 4 Maximum Duty, Add	*284.14*	
		For Galvanized Steel Door, Add	*142.07*	
		For Type 304 Stainless Steel Door, Add	*568.29*	
		For Type 316 Stainless Steel Door, Add	*923.47*	
		For Embossed Panel Door, Add	*170.49*	
		For Baked Enamel Finish, Add	*232.75*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-45.34*	
		For >100, Deduct	*-66.37*	
		For 2" Thick Door, Add	*54.78*	
		For Polystyrene Core, Add	*71.04*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*177.59*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*88.80*	
		For Steel Stiffened, Add	*177.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0097	EA	2'-8" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	851.92	65.48
		For 14 Gauge, Level 4 Maximum Duty, Add	*288.38*	
		For Galvanized Steel Door, Add	*144.19*	
		For Type 304 Stainless Steel Door, Add	*576.77*	
		For Type 316 Stainless Steel Door, Add	*937.25*	
		For Embossed Panel Door, Add	*173.03*	
		For Baked Enamel Finish, Add	*235.93*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-45.87*	
		For >100, Deduct	*-67.17*	
		For 2" Thick Door, Add	*55.54*	
		For Polystyrene Core, Add	*72.10*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*180.24*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*90.12*	
		For Steel Stiffened, Add	*180.24*	
08 13 13 13-0098	EA	2'-10" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	859.01	66.90
		For 14 Gauge, Level 4 Maximum Duty, Add	*290.08*	
		For Galvanized Steel Door, Add	*145.04*	
		For Type 304 Stainless Steel Door, Add	*580.17*	
		For Type 316 Stainless Steel Door, Add	*942.77*	
		For Embossed Panel Door, Add	*174.05*	
		For Baked Enamel Finish, Add	*237.63*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-46.30*	
		For >100, Deduct	*-67.77*	
		For 2" Thick Door, Add	*55.92*	
		For Polystyrene Core, Add	*72.52*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*181.30*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*90.65*	
		For Steel Stiffened, Add	*181.30*	
08 13 13 13-0099	EA	3' x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	866.09	68.33
		For 14 Gauge, Level 4 Maximum Duty, Add	*291.78*	
		For Galvanized Steel Door, Add	*145.89*	
		For Type 304 Stainless Steel Door, Add	*583.55*	
		For Type 316 Stainless Steel Door, Add	*948.27*	
		For Embossed Panel Door, Add	*175.07*	
		For Baked Enamel Finish, Add	*239.33*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-46.72*	
		For >100, Deduct	*-68.37*	
		For 2" Thick Door, Add	*56.30*	
		For Polystyrene Core, Add	*72.94*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*182.36*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*91.18*	
		For Steel Stiffened, Add	*182.36*	
08 13 13 13-0100	EA	3'-4" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	921.22	68.33
		For 14 Gauge, Level 4 Maximum Duty, Add	*313.83*	
		For Galvanized Steel Door, Add	*156.91*	
		For Type 304 Stainless Steel Door, Add	*627.66*	
		For Type 316 Stainless Steel Door, Add	*1,019.94*	
		For Embossed Panel Door, Add	*188.30*	
		For Baked Enamel Finish, Add	*255.87*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-49.48*	
		For >100, Deduct	*-72.51*	
		For 2" Thick Door, Add	*60.30*	
		For Polystyrene Core, Add	*78.46*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*196.14*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*98.07*	
		For Steel Stiffened, Add	*196.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0101	EA	3'-6" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	948.13	71.17
		For 14 Gauge, Level 4 Maximum Duty, Add	*322.31*	
		For Galvanized Steel Door, Add	*161.16*	
		For Type 304 Stainless Steel Door, Add	*644.62*	
		For Type 316 Stainless Steel Door, Add	*1,047.51*	
		For Embossed Panel Door, Add	*193.39*	
		For Baked Enamel Finish, Add	*263.09*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-50.97*	
		For >100, Deduct	*-74.67*	
		For 2" Thick Door, Add	*61.98*	
		For Polystyrene Core, Add	*80.58*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*201.45*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*100.72*	
		For Steel Stiffened, Add	*201.45*	
08 13 13 13-0102	EA	4' x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	1,044.34	76.87
		For 14 Gauge, Level 4 Maximum Duty, Add	*356.24*	
		For Galvanized Steel Door, Add	*178.12*	
		For Type 304 Stainless Steel Door, Add	*712.48*	
		For Type 316 Stainless Steel Door, Add	*1,157.78*	
		For Embossed Panel Door, Add	*213.74*	
		For Baked Enamel Finish, Add	*290.24*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-56.06*	
		For >100, Deduct	*-82.17*	
		For 2" Thick Door, Add	*68.41*	
		For Polystyrene Core, Add	*89.06*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*222.65*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*111.33*	
		For Steel Stiffened, Add	*222.65*	

08 13 13 13-0103 8' High, 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0072)*

08 13 13 13-0104	EA	2' x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	951.49	62.63
		For Up To 1' Extra Height, Add	*228.62*	
		For 14 Gauge, Level 4 Maximum Duty, Add	*330.49*	
		For Galvanized Steel Door, Add	*165.24*	
		For Type 304 Stainless Steel Door, Add	*660.98*	
		For Type 316 Stainless Steel Door, Add	*1,074.09*	
		For Embossed Panel Door, Add	*198.29*	
		For Baked Enamel Finish, Add	*266.66*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-50.71*	
		For >100, Deduct	*-74.49*	
		For 2" Thick Door, Add	*63.03*	
		For Polystyrene Core, Add	*82.62*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*206.56*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*103.28*	
		For Steel Stiffened, Add	*206.56*	
08 13 13 13-0105	EA	2'-4" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	951.49	62.63
		For Up To 1' Extra Height, Add	*228.62*	
		For 14 Gauge, Level 4 Maximum Duty, Add	*330.49*	
		For Galvanized Steel Door, Add	*165.24*	
		For Type 304 Stainless Steel Door, Add	*660.98*	
		For Type 316 Stainless Steel Door, Add	*1,074.09*	
		For Embossed Panel Door, Add	*198.29*	
		For Baked Enamel Finish, Add	*266.66*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-50.71*	
		For >100, Deduct	*-74.49*	
		For 2" Thick Door, Add	*63.03*	
		For Polystyrene Core, Add	*82.62*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*206.56*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*103.28*	
		For Steel Stiffened, Add	*206.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0106	EA	2'-6" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	974.08	65.48
		For Up To 1' Extra Height, Add	*233.29*	
		For 14 Gauge, Level 4 Maximum Duty, Add	*337.25*	
		For Galvanized Steel Door, Add	*168.62*	
		For Type 304 Stainless Steel Door, Add	*674.50*	
		For Type 316 Stainless Steel Door, Add	*1,096.06*	
		For Embossed Panel Door, Add	*202.35*	
		For Baked Enamel Finish, Add	*272.58*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-51.98*	
		For >100, Deduct	*-76.33*	
		For 2" Thick Door, Add	*64.40*	
		For Polystyrene Core, Add	*84.31*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*210.78*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*105.39*	
		For Steel Stiffened, Add	*210.78*	
08 13 13 13-0107	EA	2'-8" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	986.67	65.48
		For Up To 1' Extra Height, Add	*236.77*	
		For 14 Gauge, Level 4 Maximum Duty, Add	*342.28*	
		For Galvanized Steel Door, Add	*171.14*	
		For Type 304 Stainless Steel Door, Add	*684.57*	
		For Type 316 Stainless Steel Door, Add	*1,112.42*	
		For Embossed Panel Door, Add	*205.37*	
		For Baked Enamel Finish, Add	*276.36*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-52.61*	
		For >100, Deduct	*-77.27*	
		For 2" Thick Door, Add	*65.31*	
		For Polystyrene Core, Add	*85.57*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*213.93*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*106.96*	
		For Steel Stiffened, Add	*213.93*	
08 13 13 13-0108	EA	2'-10" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	994.53	66.90
		For Up To 1' Extra Height, Add	*238.16*	
		For 14 Gauge, Level 4 Maximum Duty, Add	*344.29*	
		For Galvanized Steel Door, Add	*172.15*	
		For Type 304 Stainless Steel Door, Add	*688.58*	
		For Type 316 Stainless Steel Door, Add	*1,118.95*	
		For Embossed Panel Door, Add	*206.58*	
		For Baked Enamel Finish, Add	*278.29*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-53.07*	
		For >100, Deduct	*-77.93*	
		For 2" Thick Door, Add	*65.75*	
		For Polystyrene Core, Add	*86.07*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*215.18*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*107.59*	
		For Steel Stiffened, Add	*215.18*	
08 13 13 13-0109	EA	3' x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	1,002.42	68.33
		For Up To 1' Extra Height, Add	*239.56*	
		For 14 Gauge, Level 4 Maximum Duty, Add	*346.31*	
		For Galvanized Steel Door, Add	*173.15*	
		For Type 304 Stainless Steel Door, Add	*692.62*	
		For Type 316 Stainless Steel Door, Add	*1,125.50*	
		For Embossed Panel Door, Add	*207.78*	
		For Baked Enamel Finish, Add	*280.23*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-53.54*	
		For >100, Deduct	*-78.60*	
		For 2" Thick Door, Add	*66.18*	
		For Polystyrene Core, Add	*86.58*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*216.44*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*108.22*	
		For Steel Stiffened, Add	*216.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0110	EA	3'-4" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	1,067.85	68.33
		For Up To 1' Extra Height, Add	*257.66*	
		For 14 Gauge, Level 4 Maximum Duty, Add	*372.48*	
		For Galvanized Steel Door, Add	*186.24*	
		For Type 304 Stainless Steel Door, Add	*744.96*	
		For Type 316 Stainless Steel Door, Add	*1,210.56*	
		For Embossed Panel Door, Add	*223.49*	
		For Baked Enamel Finish, Add	*299.86*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-56.81*	
		For >100, Deduct	*-83.51*	
		For 2" Thick Door, Add	*70.93*	
		For Polystyrene Core, Add	*93.12*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*232.80*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*116.40*	
		For Steel Stiffened, Add	*232.80*	
08 13 13 13-0111	EA	3'-6" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	1,098.73	71.17
		For Up To 1' Extra Height, Add	*264.63*	
		For 1' To 1'-6" Extra Height, Add	*504.87*	
		For 14 Gauge, Level 4 Maximum Duty, Add	*382.55*	
		For Galvanized Steel Door, Add	*191.28*	
		For Type 304 Stainless Steel Door, Add	*765.10*	
		For Type 316 Stainless Steel Door, Add	*1,243.29*	
		For Embossed Panel Door, Add	*229.53*	
		For Baked Enamel Finish, Add	*308.27*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-58.50*	
		For >100, Deduct	*-85.96*	
		For 2" Thick Door, Add	*72.90*	
		For Polystyrene Core, Add	*95.64*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*239.10*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*119.55*	
		For Steel Stiffened, Add	*239.10*	
08 13 13 13-0112	EA	4' x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door	1,210.78	76.87
		For Up To 1' Extra Height, Add	*292.48*	
		For 1' To 1'-6" Extra Height, Add	*558.01*	
		For 14 Gauge, Level 4 Maximum Duty, Add	*422.82*	
		For Galvanized Steel Door, Add	*211.41*	
		For Type 304 Stainless Steel Door, Add	*845.63*	
		For Type 316 Stainless Steel Door, Add	*1,374.15*	
		For Embossed Panel Door, Add	*253.69*	
		For Baked Enamel Finish, Add	*340.17*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-64.38*	
		For >100, Deduct	*-94.65*	
		For 2" Thick Door, Add	*80.48*	
		For Polystyrene Core, Add	*105.70*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*264.26*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*132.13*	
		For Steel Stiffened, Add	*264.26*	

08 13 76 Bifolding Metal Doors *(08 13)*

08 13 76 00-0001 Bi-Fold Metal Doors *(08 13 76)*

08 13 76 00-0002 Steel Full Louver Bi-Fold Doors *(08 13 76 00-0001)*

08 13 76 00-0003	EA	1'-6", Two 1" Doors, Painted, 24 Gauge Steel, Full Louvered Bi-Fold	261.35	62.61
08 13 76 00-0004	EA	2'-0", Two 1" Doors, Painted, 24 Gauge Steel, Full Louvered Bi-Fold	283.31	68.30
08 13 76 00-0005	EA	2'-6", Two 1" Doors, Painted, 24 Gauge Steel, Full Louvered Bi-Fold	308.77	73.99
08 13 76 00-0006	EA	3'-0", Two 1" Doors, Painted, 24 Gauge Steel, Full Louvered Bi-Fold	346.80	85.37
08 13 76 00-0007	EA	4'-0", Four 1" Doors, Painted, 24 Gauge Steel, Full Louvered Bi-Fold	453.28	91.07
08 13 76 00-0008	EA	5'-0", Four 1" Doors, Painted, 24 Gauge Steel, Full Louvered Bi-Fold	495.18	96.75
08 13 76 00-0009	EA	6'-0", Four 1" Doors, Painted, 24 Gauge Steel, Full Louvered Bi-Fold	525.34	102.45

08 13 76 00-0010 Steel Half Louver, Half Panel Bi-Fold Doors *(08 13 76 00-0001)*

08 13 76 00-0011	EA	2'-0", Two 1" Doors, Painted, 24 Gauge Steel, Half Louvered Half Paneled Bi-Fold	297.39	68.30
08 13 76 00-0012	EA	2'-6", Two 1" Doors, Painted, 24 Gauge Steel, Half Louvered Half Paneled Bi-Fold	324.03	73.99
08 13 76 00-0013	EA	3'-0", Two 1" Doors, Painted, 24 Gauge Steel, Half Louvered Half Paneled Bi-Fold	356.19	85.37
08 13 76 00-0014	EA	4'-0", Four 1" Doors, Painted, 24 Gauge Steel, Half Louvered Half Paneled Bi-Fold	479.10	91.07
08 13 76 00-0015	EA	5'-0", Four 1" Doors, Painted, 24 Gauge Steel, Half Louvered Half Paneled Bi-Fold	513.96	96.75
08 13 76 00-0016	EA	6'-0", Four 1" Doors, Painted, 24 Gauge Steel, Half Louvered Half Paneled Bi-Fold	553.51	102.45

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

08 14 Wood Doors *(08 10)*

Note: Includes machining for all hardware, except mortised locks. Excludes frames, finish hardware (unless note states included). See CSI section 08 05 13 00-0040 for mortise preparation, 08 70 00 00-0000 for finish hardware.

08 14 16 Flush Wood Doors *(08 14)*

08 14 16 00-0001 1-3/8" Thick, Hollow Core (HC), Wood Doors *(08 14 16)*

08 14 16 00-0002 Birch Faced Wood Door *(08 14 16 00-0001)*

08 14 16 00-0003	EA	2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	252.36	62.63
		For >50 To 100, Deduct	*-15.75*	
		For >100, Deduct	*-22.06*	
08 14 16 00-0004	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	252.36	62.63
		For >50 To 100, Deduct	*-15.75*	
		For >100, Deduct	*-22.06*	
08 14 16 00-0005	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	267.06	65.48
		For >50 To 100, Deduct	*-16.63*	
		For >100, Deduct	*-23.30*	
08 14 16 00-0006	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	273.69	65.48
		For >50 To 100, Deduct	*-16.96*	
		For >100, Deduct	*-23.80*	
08 14 16 00-0007	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	275.24	65.48
		For >50 To 100, Deduct	*-17.04*	
		For >100, Deduct	*-23.92*	
08 14 16 00-0008	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	281.71	68.33
		For >50 To 100, Deduct	*-17.50*	
		For >100, Deduct	*-24.54*	
08 14 16 00-0009	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	295.88	68.33
		For >50 To 100, Deduct	*-18.21*	
		For >100, Deduct	*-25.61*	
08 14 16 00-0010	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	311.77	71.17
		For >50 To 100, Deduct	*-19.15*	
		For >100, Deduct	*-26.94*	
08 14 16 00-0011	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	259.77	62.63
		For >50 To 100, Deduct	*-16.12*	
		For >100, Deduct	*-22.61*	
08 14 16 00-0012	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	259.77	62.63
		For >50 To 100, Deduct	*-16.12*	
		For >100, Deduct	*-22.61*	
08 14 16 00-0013	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	274.99	65.48
		For >50 To 100, Deduct	*-17.02*	
		For >100, Deduct	*-23.90*	
08 14 16 00-0014	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	282.00	65.48
		For >50 To 100, Deduct	*-17.37*	
		For >100, Deduct	*-24.42*	
08 14 16 00-0015	EA	2'-10" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	283.64	65.48
		For >50 To 100, Deduct	*-17.46*	
		For >100, Deduct	*-24.55*	
08 14 16 00-0016	EA	3'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	290.15	68.33
		For >50 To 100, Deduct	*-17.92*	
		For >100, Deduct	*-25.18*	
08 14 16 00-0017	EA	3'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	305.14	68.33
		For >50 To 100, Deduct	*-18.67*	
		For >100, Deduct	*-26.30*	
08 14 16 00-0018	EA	3'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	321.62	71.17
		For >50 To 100, Deduct	*-19.64*	
		For >100, Deduct	*-27.68*	
08 14 16 00-0019	EA	2'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	285.99	62.63
		For >50 To 100, Deduct	*-17.43*	
		For >100, Deduct	*-24.58*	
		For 9' Door Height, Add	*33.75*	
08 14 16 00-0020	EA	2'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	285.99	62.63
		For >50 To 100, Deduct	*-17.43*	
		For >100, Deduct	*-24.58*	
		For 9' Door Height, Add	*33.75*	
08 14 16 00-0021	EA	2'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	303.09	65.48
		For >50 To 100, Deduct	*-18.43*	
		For >100, Deduct	*-26.01*	
		For 9' Door Height, Add	*36.15*	
08 14 16 00-0022	EA	2'-8" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	311.44	65.48
		For >50 To 100, Deduct	*-18.85*	
		For >100, Deduct	*-26.63*	
		For 9' Door Height, Add	*37.90*	
08 14 16 00-0023	EA	2'-10" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	313.41	65.48
		For >50 To 100, Deduct	*-18.94*	
		For >100, Deduct	*-26.78*	
		For 9' Door Height, Add	*38.31*	
08 14 16 00-0024	EA	3'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	320.08	68.33
		For >50 To 100, Deduct	*-19.42*	
		For >100, Deduct	*-27.42*	
		For 9' Door Height, Add	*38.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0025	EA	3'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	338.00	68.33
		For >50 To 100, Deduct	*-20.32*	
		For >100, Deduct	*-28.77*	
		For 9' Door Height, Add	*42.28*	
08 14 16 00-0026	EA	3'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	356.57	71.17
		For >50 To 100, Deduct	*-21.39*	
		For >100, Deduct	*-30.30*	
		For 9' Door Height, Add	*44.99*	

08 14 16 00-0027 Oak Faced Wood Door *(08 14 16 00-0001)*

08 14 16 00-0028	EA	2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	382.71	62.63
		For >50 To 100, Deduct	*-22.27*	
		For >100, Deduct	*-31.84*	
08 14 16 00-0029	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	382.71	62.63
		For >50 To 100, Deduct	*-22.27*	
		For >100, Deduct	*-31.84*	
08 14 16 00-0030	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	406.64	65.48
		For >50 To 100, Deduct	*-23.61*	
		For >100, Deduct	*-33.77*	
08 14 16 00-0031	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	420.07	65.48
		For >50 To 100, Deduct	*-24.28*	
		For >100, Deduct	*-34.78*	
08 14 16 00-0032	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	422.43	65.48
		For >50 To 100, Deduct	*-24.40*	
		For >100, Deduct	*-34.96*	
08 14 16 00-0033	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	430.49	68.33
		For >50 To 100, Deduct	*-24.94*	
		For >100, Deduct	*-35.70*	
08 14 16 00-0034	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	459.14	68.33
		For >50 To 100, Deduct	*-26.37*	
		For >100, Deduct	*-37.85*	
08 14 16 00-0035	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	485.50	71.17
		For >50 To 100, Deduct	*-27.83*	
		For >100, Deduct	*-39.97*	
08 14 16 00-0036	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	397.68	62.63
		For >50 To 100, Deduct	*-23.02*	
		For >100, Deduct	*-32.96*	
08 14 16 00-0037	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	397.68	62.63
		For >50 To 100, Deduct	*-23.02*	
		For >100, Deduct	*-32.96*	
08 14 16 00-0038	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	422.69	65.48
		For >50 To 100, Deduct	*-24.41*	
		For >100, Deduct	*-34.98*	
08 14 16 00-0039	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	436.89	65.48
		For >50 To 100, Deduct	*-25.12*	
		For >100, Deduct	*-36.04*	
08 14 16 00-0040	EA	2'-10" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	439.38	65.48
		For >50 To 100, Deduct	*-25.24*	
		For >100, Deduct	*-36.23*	
08 14 16 00-0041	EA	3'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	447.57	68.33
		For >50 To 100, Deduct	*-25.79*	
		For >100, Deduct	*-36.98*	
08 14 16 00-0042	EA	3'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	477.91	68.33
		For >50 To 100, Deduct	*-27.31*	
		For >100, Deduct	*-39.26*	
08 14 16 00-0043	EA	3'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	505.46	71.17
		For >50 To 100, Deduct	*-28.83*	
		For >100, Deduct	*-41.47*	
08 14 16 00-0044	EA	2'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	450.82	62.63
		For >50 To 100, Deduct	*-25.67*	
		For >100, Deduct	*-36.94*	
		For 9' Door Height, Add	*68.37*	
08 14 16 00-0045	EA	2'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	450.82	62.63
		For >50 To 100, Deduct	*-25.67*	
		For >100, Deduct	*-36.94*	
		For 9' Door Height, Add	*68.37*	
08 14 16 00-0046	EA	2'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	479.57	65.48
		For >50 To 100, Deduct	*-27.25*	
		For >100, Deduct	*-39.24*	
		For 9' Door Height, Add	*73.21*	
08 14 16 00-0047	EA	2'-8" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	496.53	65.48
		For >50 To 100, Deduct	*-28.10*	
		For >100, Deduct	*-40.51*	
		For 9' Door Height, Add	*76.77*	
08 14 16 00-0048	EA	2'-10" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	499.54	65.48
		For >50 To 100, Deduct	*-28.25*	
		For >100, Deduct	*-40.74*	
		For 9' Door Height, Add	*77.40*	
08 14 16 00-0049	EA	3'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	508.20	68.33
		For >50 To 100, Deduct	*-28.83*	
		For >100, Deduct	*-41.53*	
		For 9' Door Height, Add	*78.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0050	EA	3'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	544.47	68.33
		For >50 To 100, Deduct	*-30.64*	
		For >100, Deduct	*-44.25*	
		For 9' Door Height, Add	*85.64*	
08 14 16 00-0051	EA	3'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	576.29	71.17
		For >50 To 100, Deduct	*-32.37*	
		For >100, Deduct	*-46.78*	
		For 9' Door Height, Add	*91.13*	
08 14 16 00-0052		**Maple Faced Wood Door** *(08 14 16 00-0001)*		
08 14 16 00-0053	EA	2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	313.92	62.63
		For >50 To 100, Deduct	*-18.83*	
		For >100, Deduct	*-26.68*	
08 14 16 00-0054	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	313.92	62.63
		For >50 To 100, Deduct	*-18.83*	
		For >100, Deduct	*-26.68*	
08 14 16 00-0055	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	332.96	65.48
		For >50 To 100, Deduct	*-19.92*	
		For >100, Deduct	*-28.25*	
08 14 16 00-0056	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	342.82	65.48
		For >50 To 100, Deduct	*-20.42*	
		For >100, Deduct	*-28.99*	
08 14 16 00-0057	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	344.55	65.48
		For >50 To 100, Deduct	*-20.50*	
		For >100, Deduct	*-29.12*	
08 14 16 00-0058	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	351.97	68.33
		For >50 To 100, Deduct	*-21.01*	
		For >100, Deduct	*-29.81*	
08 14 16 00-0059	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	372.97	68.33
		For >50 To 100, Deduct	*-22.06*	
		For >100, Deduct	*-31.39*	
08 14 16 00-0060	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	393.80	71.17
		For >50 To 100, Deduct	*-23.25*	
		For >100, Deduct	*-33.09*	
08 14 16 00-0061	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	324.88	62.63
		For >50 To 100, Deduct	*-19.38*	
		For >100, Deduct	*-27.50*	
08 14 16 00-0062	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	324.88	62.63
		For >50 To 100, Deduct	*-19.38*	
		For >100, Deduct	*-27.50*	
08 14 16 00-0063	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	344.73	65.48
		For >50 To 100, Deduct	*-20.51*	
		For >100, Deduct	*-29.13*	
08 14 16 00-0064	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	355.14	65.48
		For >50 To 100, Deduct	*-21.03*	
		For >100, Deduct	*-29.91*	
08 14 16 00-0065	EA	2'-10" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	356.98	65.48
		For >50 To 100, Deduct	*-21.12*	
		For >100, Deduct	*-30.05*	
08 14 16 00-0066	EA	3'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	364.48	68.33
		For >50 To 100, Deduct	*-21.64*	
		For >100, Deduct	*-30.75*	
08 14 16 00-0067	EA	3'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	386.71	68.33
		For >50 To 100, Deduct	*-22.75*	
		For >100, Deduct	*-32.42*	
08 14 16 00-0068	EA	3'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	408.44	71.17
		For >50 To 100, Deduct	*-23.98*	
		For >100, Deduct	*-34.19*	
08 14 16 00-0069	EA	2'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	363.82	62.63
		For >50 To 100, Deduct	*-21.32*	
		For >100, Deduct	*-30.42*	
		For 9' Door Height, Add	*50.10*	
08 14 16 00-0070	EA	2'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	363.82	62.63
		For >50 To 100, Deduct	*-21.32*	
		For >100, Deduct	*-30.42*	
		For 9' Door Height, Add	*50.10*	
08 14 16 00-0071	EA	2'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	386.41	65.48
		For >50 To 100, Deduct	*-22.59*	
		For >100, Deduct	*-32.25*	
		For 9' Door Height, Add	*53.64*	
08 14 16 00-0072	EA	2'-8" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	398.83	65.48
		For >50 To 100, Deduct	*-23.22*	
		For >100, Deduct	*-33.19*	
		For 9' Door Height, Add	*56.25*	
08 14 16 00-0073	EA	2'-10" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	401.04	65.48
		For >50 To 100, Deduct	*-23.33*	
		For >100, Deduct	*-33.35*	
		For 9' Door Height, Add	*56.72*	
08 14 16 00-0074	EA	3'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	408.91	68.33
		For >50 To 100, Deduct	*-23.86*	
		For >100, Deduct	*-34.08*	
		For 9' Door Height, Add	*57.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0075	EA	3'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	435.50	68.33
		For >50 To 100, Deduct	*-25.19*	
		For >100, Deduct	*-36.08*	
		For 9' Door Height, Add	*62.76*	
08 14 16 00-0076	EA	3'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	460.33	71.17
		For >50 To 100, Deduct	*-26.58*	
		For >100, Deduct	*-38.08*	
		For 9' Door Height, Add	*66.78*	

08 14 16 00-0077 Lauan Faced Wood Doors *(08 14 16 00-0001)*

08 14 16 00-0078	EA	2'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	216.65	62.63
		For >50 To 100, Deduct	*-13.96*	
		For >100, Deduct	*-19.38*	
08 14 16 00-0079	EA	2'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	216.65	62.63
		For >50 To 100, Deduct	*-13.96*	
		For >100, Deduct	*-19.38*	
08 14 16 00-0080	EA	2'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	228.53	65.48
		For >50 To 100, Deduct	*-14.70*	
		For >100, Deduct	*-20.41*	
08 14 16 00-0081	EA	2'-8" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	233.76	65.48
		For >50 To 100, Deduct	*-14.96*	
		For >100, Deduct	*-20.81*	
08 14 16 00-0082	EA	2'-10" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	235.60	65.48
		For >50 To 100, Deduct	*-15.05*	
		For >100, Deduct	*-20.94*	
08 14 16 00-0083	EA	3'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	243.14	68.33
		For >50 To 100, Deduct	*-15.57*	
		For >100, Deduct	*-21.65*	
08 14 16 00-0084	EA	3'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	253.32	68.33
		For >50 To 100, Deduct	*-16.08*	
		For >100, Deduct	*-22.42*	
08 14 16 00-0085	EA	3'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	266.50	71.17
		For >50 To 100, Deduct	*-16.88*	
		For >100, Deduct	*-23.55*	
08 14 16 00-0086	EA	2'-0" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	221.96	62.63
		For >50 To 100, Deduct	*-14.23*	
		For >100, Deduct	*-19.78*	
08 14 16 00-0087	EA	2'-4" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	225.82	62.63
		For >50 To 100, Deduct	*-14.42*	
		For >100, Deduct	*-20.07*	
08 14 16 00-0088	EA	2'-6" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	234.21	65.48
		For >50 To 100, Deduct	*-14.98*	
		For >100, Deduct	*-20.84*	
08 14 16 00-0089	EA	2'-8" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	239.74	65.48
		For >50 To 100, Deduct	*-15.26*	
		For >100, Deduct	*-21.25*	
08 14 16 00-0090	EA	2'-10" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	246.12	65.48
		For >50 To 100, Deduct	*-15.58*	
		For >100, Deduct	*-21.73*	
08 14 16 00-0091	EA	3'-0" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	249.33	68.33
		For >50 To 100, Deduct	*-15.88*	
		For >100, Deduct	*-22.12*	
08 14 16 00-0092	EA	3'-4" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	260.11	68.33
		For >50 To 100, Deduct	*-16.42*	
		For >100, Deduct	*-22.92*	
08 14 16 00-0093	EA	3'-6" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	278.97	71.17
		For >50 To 100, Deduct	*-17.51*	
		For >100, Deduct	*-24.48*	
08 14 16 00-0094	EA	2'-0" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	240.83	62.63
		For >50 To 100, Deduct	*-15.17*	
		For >100, Deduct	*-21.19*	
		For 9' Door Height, Add	*24.27*	
08 14 16 00-0095	EA	2'-4" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	240.80	62.63
		For >50 To 100, Deduct	*-15.17*	
		For >100, Deduct	*-21.19*	
		For 9' Door Height, Add	*24.26*	
08 14 16 00-0096	EA	2'-6" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	254.35	65.48
		For >50 To 100, Deduct	*-15.99*	
		For >100, Deduct	*-22.35*	
		For 9' Door Height, Add	*25.91*	
08 14 16 00-0097	EA	2'-8" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	260.94	65.48
		For >50 To 100, Deduct	*-16.32*	
		For >100, Deduct	*-22.84*	
		For 9' Door Height, Add	*27.30*	
08 14 16 00-0098	EA	2'-10" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	263.29	65.48
		For >50 To 100, Deduct	*-16.44*	
		For >100, Deduct	*-23.02*	
		For 9' Door Height, Add	*27.79*	
08 14 16 00-0099	EA	3'-0" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	271.31	68.33
		For >50 To 100, Deduct	*-16.98*	
		For >100, Deduct	*-23.76*	
		For 9' Door Height, Add	*28.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0100	EA	3'-4" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	284.19	68.33
		For >50 To 100, Deduct	*-17.63*	
		For >100, Deduct	*-24.73*	
		For 9' Door Height, Add	*30.98*	
08 14 16 00-0101	EA	3'-6" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	299.32	71.17
		For >50 To 100, Deduct	*-18.52*	
		For >100, Deduct	*-26.01*	
		For 9' Door Height, Add	*32.96*	

08 14 16 00-0102 Medium Density Overlay (MDO) Faced Wood Doors *(08 14 16 00-0001)*

08 14 16 00-0103	EA	2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	241.48	62.63
		For >50 To 100, Deduct	*-15.21*	
		For >100, Deduct	*-21.24*	
08 14 16 00-0104	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	241.48	62.63
		For >50 To 100, Deduct	*-15.21*	
		For >100, Deduct	*-21.24*	
08 14 16 00-0105	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	255.64	65.48
		For >50 To 100, Deduct	*-16.06*	
		For >100, Deduct	*-22.45*	
08 14 16 00-0106	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	259.65	65.48
		For >50 To 100, Deduct	*-16.26*	
		For >100, Deduct	*-22.75*	
08 14 16 00-0107	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	263.68	65.48
		For >50 To 100, Deduct	*-16.46*	
		For >100, Deduct	*-23.05*	
08 14 16 00-0108	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	273.37	68.33
		For >50 To 100, Deduct	*-17.08*	
		For >100, Deduct	*-23.92*	
08 14 16 00-0109	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	288.42	68.33
		For >50 To 100, Deduct	*-17.84*	
		For >100, Deduct	*-25.05*	
08 14 16 00-0110	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	303.82	71.17
		For >50 To 100, Deduct	*-18.75*	
		For >100, Deduct	*-26.35*	
08 14 16 00-0111	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	248.23	62.63
		For >50 To 100, Deduct	*-15.54*	
		For >100, Deduct	*-21.75*	
08 14 16 00-0112	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	248.23	62.63
		For >50 To 100, Deduct	*-15.54*	
		For >100, Deduct	*-21.75*	
08 14 16 00-0113	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	262.89	65.48
		For >50 To 100, Deduct	*-16.42*	
		For >100, Deduct	*-22.99*	
08 14 16 00-0114	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	267.14	65.48
		For >50 To 100, Deduct	*-16.63*	
		For >100, Deduct	*-23.31*	
08 14 16 00-0115	EA	2'-10" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	271.41	65.48
		For >50 To 100, Deduct	*-16.84*	
		For >100, Deduct	*-23.63*	
08 14 16 00-0116	EA	3'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	281.34	68.33
		For >50 To 100, Deduct	*-17.48*	
		For >100, Deduct	*-24.52*	
08 14 16 00-0117	EA	3'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	297.26	68.33
		For >50 To 100, Deduct	*-18.28*	
		For >100, Deduct	*-25.71*	
08 14 16 00-0118	EA	3'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	313.22	71.17
		For >50 To 100, Deduct	*-19.22*	
		For >100, Deduct	*-27.05*	
08 14 16 00-0119	EA	2'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	272.19	62.63
		For >50 To 100, Deduct	*-16.74*	
		For >100, Deduct	*-23.55*	
		For 9' Door Height, Add	*30.85*	
08 14 16 00-0120	EA	2'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	272.22	62.63
		For >50 To 100, Deduct	*-16.74*	
		For >100, Deduct	*-23.55*	
		For 9' Door Height, Add	*30.86*	
08 14 16 00-0121	EA	2'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	288.61	65.48
		For >50 To 100, Deduct	*-17.70*	
		For >100, Deduct	*-24.92*	
		For 9' Door Height, Add	*33.11*	
08 14 16 00-0122	EA	2'-8" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	293.71	65.48
		For >50 To 100, Deduct	*-17.96*	
		For >100, Deduct	*-25.30*	
		For 9' Door Height, Add	*34.18*	
08 14 16 00-0123	EA	2'-10" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	298.81	65.48
		For >50 To 100, Deduct	*-18.21*	
		For >100, Deduct	*-25.68*	
		For 9' Door Height, Add	*35.25*	
08 14 16 00-0124	EA	3'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	309.57	68.33
		For >50 To 100, Deduct	*-18.89*	
		For >100, Deduct	*-26.63*	
		For 9' Door Height, Add	*36.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0125	EA	3'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	328.58	68.33
		For >50 To 100, Deduct	*-19.85*	
		For >100, Deduct	*-28.06*	
		For 9' Door Height, Add	*40.31*	
08 14 16 00-0126	EA	3'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	346.55	71.17
		For >50 To 100, Deduct	*-20.89*	
		For >100, Deduct	*-29.55*	
		For 9' Door Height, Add	*42.88*	

08 14 16 00-0127 1-3/4" Thick, Hollow Core (HC), Wood Doors *(08 14 16)*

08 14 16 00-0128 Birch Faced Wood Doors *(08 14 16 00-0127)*

08 14 16 00-0129	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	284.13	62.63
		For >50 To 100, Deduct	*-17.34*	
		For >100, Deduct	*-24.44*	
08 14 16 00-0130	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	284.13	62.63
		For >50 To 100, Deduct	*-17.34*	
		For >100, Deduct	*-24.44*	
08 14 16 00-0131	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	295.81	65.48
		For >50 To 100, Deduct	*-18.06*	
		For >100, Deduct	*-25.46*	
08 14 16 00-0132	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	298.04	65.48
		For >50 To 100, Deduct	*-18.18*	
		For >100, Deduct	*-25.63*	
08 14 16 00-0133	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	302.93	65.48
		For >50 To 100, Deduct	*-18.42*	
		For >100, Deduct	*-25.99*	
08 14 16 00-0134	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	313.51	68.33
		For >50 To 100, Deduct	*-19.09*	
		For >100, Deduct	*-26.93*	
08 14 16 00-0135	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	339.44	68.33
		For >50 To 100, Deduct	*-20.39*	
		For >100, Deduct	*-28.87*	
08 14 16 00-0136	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	397.77	71.17
		For >50 To 100, Deduct	*-23.45*	
		For >100, Deduct	*-33.39*	
08 14 16 00-0137	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	410.54	71.17
		For >50 To 100, Deduct	*-24.09*	
		For >100, Deduct	*-34.35*	
08 14 16 00-0138	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	436.08	71.17
		For >50 To 100, Deduct	*-25.36*	
		For >100, Deduct	*-36.26*	
08 14 16 00-0139	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	293.39	62.63
		For >50 To 100, Deduct	*-17.80*	
		For >100, Deduct	*-25.14*	
08 14 16 00-0140	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	293.38	62.63
		For >50 To 100, Deduct	*-17.80*	
		For >100, Deduct	*-25.14*	
08 14 16 00-0141	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	305.40	65.48
		For >50 To 100, Deduct	*-18.54*	
		For >100, Deduct	*-26.18*	
08 14 16 00-0142	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	307.77	65.48
		For >50 To 100, Deduct	*-18.66*	
		For >100, Deduct	*-26.36*	
08 14 16 00-0143	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	312.94	65.48
		For >50 To 100, Deduct	*-18.92*	
		For >100, Deduct	*-26.74*	
08 14 16 00-0144	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	323.79	68.33
		For >50 To 100, Deduct	*-19.61*	
		For >100, Deduct	*-27.70*	
08 14 16 00-0145	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	351.24	68.33
		For >50 To 100, Deduct	*-20.98*	
		For >100, Deduct	*-29.76*	
08 14 16 00-0146	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	412.65	71.17
		For >50 To 100, Deduct	*-24.19*	
		For >100, Deduct	*-34.51*	
08 14 16 00-0147	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	426.15	71.17
		For >50 To 100, Deduct	*-24.87*	
		For >100, Deduct	*-35.52*	
08 14 16 00-0148	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	453.18	71.17
		For >50 To 100, Deduct	*-26.22*	
		For >100, Deduct	*-37.55*	
08 14 16 00-0149	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	326.17	62.63
		For >50 To 100, Deduct	*-19.44*	
		For >100, Deduct	*-27.59*	
		For 9' Door Height, Add	*42.19*	
08 14 16 00-0150	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	326.17	62.63
		For >50 To 100, Deduct	*-19.44*	
		For >100, Deduct	*-27.59*	
		For 9' Door Height, Add	*42.19*	
08 14 16 00-0151	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	339.43	65.48
		For >50 To 100, Deduct	*-20.25*	
		For >100, Deduct	*-28.73*	
		For 9' Door Height, Add	*43.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0152	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	342.24	65.48
		For >50 To 100, Deduct	*-20.39*	
		For >100, Deduct	*-28.94*	
		For 9' Door Height, Add	*44.37*	
08 14 16 00-0153	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	348.44	65.48
		For >50 To 100, Deduct	*-20.70*	
		For >100, Deduct	*-29.41*	
		For 9' Door Height, Add	*45.67*	
08 14 16 00-0154	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	360.28	68.33
		For >50 To 100, Deduct	*-21.43*	
		For >100, Deduct	*-30.44*	
		For 9' Door Height, Add	*46.96*	
08 14 16 00-0155	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	393.09	68.33
		For >50 To 100, Deduct	*-23.07*	
		For >100, Deduct	*-32.90*	
		For 9' Door Height, Add	*53.85*	
08 14 16 00-0156	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	465.35	71.17
		For >50 To 100, Deduct	*-26.83*	
		For >100, Deduct	*-38.46*	
		For 9' Door Height, Add	*67.83*	
08 14 16 00-0157	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	481.48	71.17
		For >50 To 100, Deduct	*-27.63*	
		For >100, Deduct	*-39.67*	
		For 9' Door Height, Add	*71.22*	
08 14 16 00-0158	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	513.80	71.17
		For >50 To 100, Deduct	*-29.25*	
		For >100, Deduct	*-42.09*	
		For 9' Door Height, Add	*78.00*	

08 14 16 00-0159 Oak Faced Wood Doors *(08 14 16 00-0127)*

08 14 16 00-0160	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	467.60	62.63
		For >50 To 100, Deduct	*-26.51*	
		For >100, Deduct	*-38.20*	
08 14 16 00-0161	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	467.60	62.63
		For >50 To 100, Deduct	*-26.51*	
		For >100, Deduct	*-38.20*	
08 14 16 00-0162	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	486.16	65.48
		For >50 To 100, Deduct	*-27.58*	
		For >100, Deduct	*-39.74*	
08 14 16 00-0163	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	490.98	65.48
		For >50 To 100, Deduct	*-27.82*	
		For >100, Deduct	*-40.10*	
08 14 16 00-0164	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	501.52	65.48
		For >50 To 100, Deduct	*-28.35*	
		For >100, Deduct	*-40.89*	
08 14 16 00-0165	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	517.71	68.33
		For >50 To 100, Deduct	*-29.30*	
		For >100, Deduct	*-42.24*	
08 14 16 00-0166	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	573.60	68.33
		For >50 To 100, Deduct	*-32.10*	
		For >100, Deduct	*-46.44*	
08 14 16 00-0167	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	692.72	71.17
		For >50 To 100, Deduct	*-38.19*	
		For >100, Deduct	*-55.51*	
08 14 16 00-0168	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	720.26	71.17
		For >50 To 100, Deduct	*-39.57*	
		For >100, Deduct	*-57.58*	
08 14 16 00-0169	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	775.33	71.17
		For >50 To 100, Deduct	*-42.33*	
		For >100, Deduct	*-61.71*	
08 14 16 00-0170	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	487.51	62.63
		For >50 To 100, Deduct	*-27.51*	
		For >100, Deduct	*-39.70*	
08 14 16 00-0171	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	487.52	62.63
		For >50 To 100, Deduct	*-27.51*	
		For >100, Deduct	*-39.70*	
08 14 16 00-0172	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	506.83	65.48
		For >50 To 100, Deduct	*-28.62*	
		For >100, Deduct	*-41.29*	
08 14 16 00-0173	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	511.93	65.48
		For >50 To 100, Deduct	*-28.87*	
		For >100, Deduct	*-41.67*	
08 14 16 00-0174	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	523.07	65.48
		For >50 To 100, Deduct	*-29.43*	
		For >100, Deduct	*-42.50*	
08 14 16 00-0175	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	539.88	68.33
		For >50 To 100, Deduct	*-30.41*	
		For >100, Deduct	*-43.91*	
08 14 16 00-0176	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	599.03	68.33
		For >50 To 100, Deduct	*-33.37*	
		For >100, Deduct	*-48.34*	
08 14 16 00-0177	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	724.76	71.17
		For >50 To 100, Deduct	*-39.80*	
		For >100, Deduct	*-57.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0178	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	753.91	71.17
		For >50 To 100, Deduct	*-41.25*	
		For >100, Deduct	*-60.10*	
08 14 16 00-0179	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	812.17	71.17
		For >50 To 100, Deduct	*-44.17*	
		For >100, Deduct	*-64.47*	
08 14 16 00-0180	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	558.13	62.63
		For >50 To 100, Deduct	*-31.04*	
		For >100, Deduct	*-44.99*	
		For 9' Door Height, Add	*90.90*	
08 14 16 00-0181	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	558.17	62.63
		For >50 To 100, Deduct	*-31.04*	
		For >100, Deduct	*-44.99*	
		For 9' Door Height, Add	*90.91*	
08 14 16 00-0182	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	580.13	65.48
		For >50 To 100, Deduct	*-32.28*	
		For >100, Deduct	*-46.78*	
		For 9' Door Height, Add	*94.33*	
08 14 16 00-0183	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	586.20	65.48
		For >50 To 100, Deduct	*-32.58*	
		For >100, Deduct	*-47.24*	
		For 9' Door Height, Add	*95.60*	
08 14 16 00-0184	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	599.53	65.48
		For >50 To 100, Deduct	*-33.25*	
		For >100, Deduct	*-48.24*	
		For 9' Door Height, Add	*98.40*	
08 14 16 00-0185	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	618.52	68.33
		For >50 To 100, Deduct	*-34.34*	
		For >100, Deduct	*-49.81*	
		For 9' Door Height, Add	*101.19*	
08 14 16 00-0186	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	689.22	68.33
		For >50 To 100, Deduct	*-37.88*	
		For >100, Deduct	*-55.11*	
		For 9' Door Height, Add	*116.04*	
08 14 16 00-0187	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	838.33	71.17
		For >50 To 100, Deduct	*-45.48*	
		For >100, Deduct	*-66.43*	
		For 9' Door Height, Add	*146.16*	
08 14 16 00-0188	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	873.18	71.17
		For >50 To 100, Deduct	*-47.22*	
		For >100, Deduct	*-69.05*	
		For 9' Door Height, Add	*153.47*	
08 14 16 00-0189	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	942.80	71.17
		For >50 To 100, Deduct	*-50.70*	
		For >100, Deduct	*-74.27*	
		For 9' Door Height, Add	*168.09*	

08 14 16 00-0190 Maple Faced Wood Doors *(08 14 16 00-0127)*

08 14 16 00-0191	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	376.12	62.63
		For >50 To 100, Deduct	*-21.94*	
		For >100, Deduct	*-31.34*	
08 14 16 00-0192	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	376.12	62.63
		For >50 To 100, Deduct	*-21.94*	
		For >100, Deduct	*-31.34*	
08 14 16 00-0193	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	391.24	65.48
		For >50 To 100, Deduct	*-22.84*	
		For >100, Deduct	*-32.62*	
08 14 16 00-0194	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	394.92	65.48
		For >50 To 100, Deduct	*-23.02*	
		For >100, Deduct	*-32.89*	
08 14 16 00-0195	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	402.56	65.48
		For >50 To 100, Deduct	*-23.40*	
		For >100, Deduct	*-33.47*	
08 14 16 00-0196	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	415.87	68.33
		For >50 To 100, Deduct	*-24.21*	
		For >100, Deduct	*-34.61*	
08 14 16 00-0197	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	456.84	68.33
		For >50 To 100, Deduct	*-26.26*	
		For >100, Deduct	*-37.68*	
08 14 16 00-0198	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	525.60	71.17
		For >50 To 100, Deduct	*-29.84*	
		For >100, Deduct	*-42.98*	
08 14 16 00-0199	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	565.82	71.17
		For >50 To 100, Deduct	*-31.85*	
		For >100, Deduct	*-46.00*	
08 14 16 00-0200	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	606.18	71.17
		For >50 To 100, Deduct	*-33.87*	
		For >100, Deduct	*-49.02*	
08 14 16 00-0201	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	390.73	62.63
		For >50 To 100, Deduct	*-22.67*	
		For >100, Deduct	*-32.44*	
08 14 16 00-0202	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	390.73	62.63
		For >50 To 100, Deduct	*-22.67*	
		For >100, Deduct	*-32.44*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0203	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	406.37	65.48
		For >50 To 100, Deduct	*-23.59*	
		For >100, Deduct	*-33.75*	
08 14 16 00-0204	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	410.29	65.48
		For >50 To 100, Deduct	*-23.79*	
		For >100, Deduct	*-34.05*	
08 14 16 00-0205	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	418.36	65.48
		For >50 To 100, Deduct	*-24.19*	
		For >100, Deduct	*-34.65*	
08 14 16 00-0206	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	432.11	68.33
		For >50 To 100, Deduct	*-25.02*	
		For >100, Deduct	*-35.82*	
08 14 16 00-0207	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	475.47	68.33
		For >50 To 100, Deduct	*-27.19*	
		For >100, Deduct	*-39.08*	
08 14 16 00-0208	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	547.80	71.17
		For >50 To 100, Deduct	*-30.95*	
		For >100, Deduct	*-44.64*	
08 14 16 00-0209	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	590.50	71.17
		For >50 To 100, Deduct	*-33.08*	
		For >100, Deduct	*-47.85*	
08 14 16 00-0210	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	633.17	71.17
		For >50 To 100, Deduct	*-35.22*	
		For >100, Deduct	*-51.05*	
08 14 16 00-0211	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	442.49	62.63
		For >50 To 100, Deduct	*-25.26*	
		For >100, Deduct	*-36.32*	
		For 9' Door Height, Add	*66.62*	
08 14 16 00-0212	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	442.49	62.63
		For >50 To 100, Deduct	*-25.26*	
		For >100, Deduct	*-36.32*	
		For 9' Door Height, Add	*66.62*	
08 14 16 00-0213	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	460.08	65.48
		For >50 To 100, Deduct	*-26.28*	
		For >100, Deduct	*-37.78*	
		For 9' Door Height, Add	*69.12*	
08 14 16 00-0214	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	464.76	65.48
		For >50 To 100, Deduct	*-26.51*	
		For >100, Deduct	*-38.13*	
		For 9' Door Height, Add	*70.10*	
08 14 16 00-0215	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	474.37	65.48
		For >50 To 100, Deduct	*-26.99*	
		For >100, Deduct	*-38.85*	
		For 9' Door Height, Add	*72.12*	
08 14 16 00-0216	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	489.73	68.33
		For >50 To 100, Deduct	*-27.90*	
		For >100, Deduct	*-40.15*	
		For 9' Door Height, Add	*74.15*	
08 14 16 00-0217	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	541.52	68.33
		For >50 To 100, Deduct	*-30.49*	
		For >100, Deduct	*-44.03*	
		For 9' Door Height, Add	*85.02*	
08 14 16 00-0218	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	626.89	71.17
		For >50 To 100, Deduct	*-34.90*	
		For >100, Deduct	*-50.58*	
		For 9' Door Height, Add	*101.75*	
08 14 16 00-0219	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	677.89	71.17
		For >50 To 100, Deduct	*-37.45*	
		For >100, Deduct	*-54.40*	
		For 9' Door Height, Add	*112.46*	
08 14 16 00-0220	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	728.91	71.17
		For >50 To 100, Deduct	*-40.00*	
		For >100, Deduct	*-58.23*	
		For 9' Door Height, Add	*123.18*	

08 14 16 00-0221 Walnut Faced Wood Doors *(08 14 16 00-0127)*

08 14 16 00-0222	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	589.03	62.63
		For >50 To 100, Deduct	*-32.58*	
		For >100, Deduct	*-47.31*	
08 14 16 00-0223	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	589.03	62.63
		For >50 To 100, Deduct	*-32.58*	
		For >100, Deduct	*-47.31*	
08 14 16 00-0224	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	597.94	65.48
		For >50 To 100, Deduct	*-33.17*	
		For >100, Deduct	*-48.12*	
08 14 16 00-0225	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	618.51	65.48
		For >50 To 100, Deduct	*-34.20*	
		For >100, Deduct	*-49.66*	
08 14 16 00-0226	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	621.65	65.48
		For >50 To 100, Deduct	*-34.36*	
		For >100, Deduct	*-49.90*	
08 14 16 00-0227	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	630.48	68.33
		For >50 To 100, Deduct	*-34.94*	
		For >100, Deduct	*-50.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0228	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	685.60	68.33
		For >50 To 100, Deduct	*-37.70*	
		For >100, Deduct	*-54.84*	
08 14 16 00-0229	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	833.59	71.17
		For >50 To 100, Deduct	*-45.24*	
		For >100, Deduct	*-66.08*	
08 14 16 00-0230	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	868.15	71.17
		For >50 To 100, Deduct	*-46.97*	
		For >100, Deduct	*-68.67*	
08 14 16 00-0231	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	937.34	71.17
		For >50 To 100, Deduct	*-50.43*	
		For >100, Deduct	*-73.86*	
08 14 16 00-0232	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	616.00	62.63
		For >50 To 100, Deduct	*-33.93*	
		For >100, Deduct	*-49.33*	
08 14 16 00-0233	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	616.00	62.63
		For >50 To 100, Deduct	*-33.93*	
		For >100, Deduct	*-49.33*	
08 14 16 00-0234	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	625.14	65.48
		For >50 To 100, Deduct	*-34.53*	
		For >100, Deduct	*-50.16*	
08 14 16 00-0235	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	646.87	65.48
		For >50 To 100, Deduct	*-35.62*	
		For >100, Deduct	*-51.79*	
08 14 16 00-0236	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	650.22	65.48
		For >50 To 100, Deduct	*-35.79*	
		For >100, Deduct	*-52.04*	
08 14 16 00-0237	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	659.23	68.33
		For >50 To 100, Deduct	*-36.38*	
		For >100, Deduct	*-52.86*	
08 14 16 00-0238	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	717.53	68.33
		For >50 To 100, Deduct	*-39.29*	
		For >100, Deduct	*-57.23*	
08 14 16 00-0239	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	873.83	71.17
		For >50 To 100, Deduct	*-47.25*	
		For >100, Deduct	*-69.10*	
08 14 16 00-0240	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	910.40	71.17
		For >50 To 100, Deduct	*-49.08*	
		For >100, Deduct	*-71.84*	
08 14 16 00-0241	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	983.59	71.17
		For >50 To 100, Deduct	*-52.74*	
		For >100, Deduct	*-77.33*	
08 14 16 00-0242	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	711.70	62.63
		For >50 To 100, Deduct	*-38.72*	
		For >100, Deduct	*-56.51*	
		For 9' Door Height, Add	*123.15*	
08 14 16 00-0243	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	711.70	62.63
		For >50 To 100, Deduct	*-38.72*	
		For >100, Deduct	*-56.51*	
		For 9' Door Height, Add	*123.15*	
08 14 16 00-0244	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	721.52	65.48
		For >50 To 100, Deduct	*-39.35*	
		For >100, Deduct	*-57.39*	
		For 9' Door Height, Add	*124.02*	
08 14 16 00-0245	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	747.47	65.48
		For >50 To 100, Deduct	*-40.65*	
		For >100, Deduct	*-59.33*	
		For 9' Door Height, Add	*129.47*	
08 14 16 00-0246	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	751.47	65.48
		For >50 To 100, Deduct	*-40.85*	
		For >100, Deduct	*-59.63*	
		For 9' Door Height, Add	*130.31*	
08 14 16 00-0247	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	761.12	68.33
		For >50 To 100, Deduct	*-41.47*	
		For >100, Deduct	*-60.50*	
		For 9' Door Height, Add	*131.14*	
08 14 16 00-0248	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	830.82	68.33
		For >50 To 100, Deduct	*-44.96*	
		For >100, Deduct	*-65.73*	
		For 9' Door Height, Add	*145.78*	
08 14 16 00-0249	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	1,016.46	71.17
		For >50 To 100, Deduct	*-54.38*	
		For >100, Deduct	*-79.79*	
		For 9' Door Height, Add	*183.56*	
08 14 16 00-0250	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	1,060.18	71.17
		For >50 To 100, Deduct	*-56.57*	
		For >100, Deduct	*-83.07*	
		For 9' Door Height, Add	*192.74*	
08 14 16 00-0251	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	1,147.61	71.17
		For >50 To 100, Deduct	*-60.94*	
		For >100, Deduct	*-89.63*	
		For 9' Door Height, Add	*211.10*	

08 14 16 00-0252 Lauan Faced Wood Doors *(08 14 16 00-0127)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0253	EA	2'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	241.36	62.63
		For >50 To 100, Deduct	*-15.20*	
		For >100, Deduct	*-21.23*	
08 14 16 00-0254	EA	2'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	241.36	62.63
		For >50 To 100, Deduct	*-15.20*	
		For >100, Deduct	*-21.23*	
08 14 16 00-0255	EA	2'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	255.03	65.48
		For >50 To 100, Deduct	*-16.03*	
		For >100, Deduct	*-22.40*	
08 14 16 00-0256	EA	2'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	261.52	65.48
		For >50 To 100, Deduct	*-16.35*	
		For >100, Deduct	*-22.89*	
08 14 16 00-0257	EA	2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	262.81	65.48
		For >50 To 100, Deduct	*-16.41*	
		For >100, Deduct	*-22.98*	
08 14 16 00-0258	EA	3'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	269.79	68.33
		For >50 To 100, Deduct	*-16.91*	
		For >100, Deduct	*-23.65*	
08 14 16 00-0259	EA	3'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	284.42	68.33
		For >50 To 100, Deduct	*-17.64*	
		For >100, Deduct	*-24.75*	
08 14 16 00-0260	EA	3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	308.99	71.17
		For >50 To 100, Deduct	*-19.01*	
		For >100, Deduct	*-26.73*	
08 14 16 00-0261	EA	3'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	317.30	71.17
		For >50 To 100, Deduct	*-19.42*	
		For >100, Deduct	*-27.36*	
08 14 16 00-0262	EA	4'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	333.98	71.17
		For >50 To 100, Deduct	*-20.26*	
		For >100, Deduct	*-28.61*	
08 14 16 00-0263	EA	2'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	248.10	62.63
		For >50 To 100, Deduct	*-15.54*	
		For >100, Deduct	*-21.74*	
08 14 16 00-0264	EA	2'-4" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	248.10	62.63
		For >50 To 100, Deduct	*-15.54*	
		For >100, Deduct	*-21.74*	
08 14 16 00-0265	EA	2'-6" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	262.26	65.48
		For >50 To 100, Deduct	*-16.39*	
		For >100, Deduct	*-22.94*	
08 14 16 00-0266	EA	2'-8" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	269.13	65.48
		For >50 To 100, Deduct	*-16.73*	
		For >100, Deduct	*-23.46*	
08 14 16 00-0267	EA	2'-10" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	270.49	65.48
		For >50 To 100, Deduct	*-16.80*	
		For >100, Deduct	*-23.56*	
08 14 16 00-0268	EA	3'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	277.53	68.33
		For >50 To 100, Deduct	*-17.29*	
		For >100, Deduct	*-24.23*	
08 14 16 00-0269	EA	3'-4" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	293.03	68.33
		For >50 To 100, Deduct	*-18.07*	
		For >100, Deduct	*-25.39*	
08 14 16 00-0270	EA	3'-6" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	318.68	71.17
		For >50 To 100, Deduct	*-19.49*	
		For >100, Deduct	*-27.46*	
08 14 16 00-0271	EA	3'-8" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	327.48	71.17
		For >50 To 100, Deduct	*-19.93*	
		For >100, Deduct	*-28.12*	
08 14 16 00-0272	EA	4'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	345.12	71.17
		For >50 To 100, Deduct	*-20.81*	
		For >100, Deduct	*-29.44*	
08 14 16 00-0273	EA	2'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	272.05	62.63
		For >50 To 100, Deduct	*-16.73*	
		For >100, Deduct	*-23.54*	
		For 9' Door Height, Add	*30.82*	
08 14 16 00-0274	EA	2'-4" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	272.05	62.63
		For >50 To 100, Deduct	*-16.73*	
		For >100, Deduct	*-23.54*	
		For 9' Door Height, Add	*30.82*	
08 14 16 00-0275	EA	2'-6" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	287.85	65.48
		For >50 To 100, Deduct	*-17.67*	
		For >100, Deduct	*-24.86*	
		For 9' Door Height, Add	*32.95*	
08 14 16 00-0276	EA	2'-8" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	296.06	65.48
		For >50 To 100, Deduct	*-18.08*	
		For >100, Deduct	*-25.48*	
		For 9' Door Height, Add	*34.67*	
08 14 16 00-0277	EA	2'-10" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	297.70	65.48
		For >50 To 100, Deduct	*-18.16*	
		For >100, Deduct	*-25.60*	
		For 9' Door Height, Add	*35.02*	
08 14 16 00-0278	EA	3'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	305.01	68.33
		For >50 To 100, Deduct	*-18.67*	
		For >100, Deduct	*-26.29*	
		For 9' Door Height, Add	*35.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0279	EA	3'-4" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	323.53	68.33
		For >50 To 100, Deduct	*-19.59*	
		For >100, Deduct	*-27.68*	
		For 9' Door Height, Add	*39.24*	
08 14 16 00-0280	EA	3'-6" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	353.05	71.17
		For >50 To 100, Deduct	*-21.21*	
		For >100, Deduct	*-30.04*	
		For 9' Door Height, Add	*44.25*	
08 14 16 00-0281	EA	3'-8" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	363.59	71.17
		For >50 To 100, Deduct	*-21.74*	
		For >100, Deduct	*-30.83*	
		For 9' Door Height, Add	*46.46*	
08 14 16 00-0282	EA	4'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	384.66	71.17
		For >50 To 100, Deduct	*-22.79*	
		For >100, Deduct	*-32.41*	
		For 9' Door Height, Add	*50.89*	

08 14 16 00-0283 Medium Density Overlay (MDO) Faced Wood Doors *(08 14 16 00-0127)*

08 14 16 00-0284	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	270.03	62.63
		For >50 To 100, Deduct	*-16.63*	
		For >100, Deduct	*-23.38*	
08 14 16 00-0285	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	270.07	62.63
		For >50 To 100, Deduct	*-16.64*	
		For >100, Deduct	*-23.39*	
08 14 16 00-0286	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	279.76	65.48
		For >50 To 100, Deduct	*-17.26*	
		For >100, Deduct	*-24.26*	
08 14 16 00-0287	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	287.83	65.48
		For >50 To 100, Deduct	*-17.67*	
		For >100, Deduct	*-24.86*	
08 14 16 00-0288	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	291.86	65.48
		For >50 To 100, Deduct	*-17.87*	
		For >100, Deduct	*-25.16*	
08 14 16 00-0289	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	301.53	68.33
		For >50 To 100, Deduct	*-18.49*	
		For >100, Deduct	*-26.03*	
08 14 16 00-0290	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	310.72	68.33
		For >50 To 100, Deduct	*-18.95*	
		For >100, Deduct	*-26.72*	
08 14 16 00-0291	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	346.33	71.17
		For >50 To 100, Deduct	*-20.88*	
		For >100, Deduct	*-29.53*	
08 14 16 00-0292	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	356.52	71.17
		For >50 To 100, Deduct	*-21.38*	
		For >100, Deduct	*-30.30*	
08 14 16 00-0293	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	376.95	71.17
		For >50 To 100, Deduct	*-22.41*	
		For >100, Deduct	*-31.83*	
08 14 16 00-0294	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	278.47	62.63
		For >50 To 100, Deduct	*-17.06*	
		For >100, Deduct	*-24.02*	
08 14 16 00-0295	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	278.48	62.63
		For >50 To 100, Deduct	*-17.06*	
		For >100, Deduct	*-24.02*	
08 14 16 00-0296	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	288.41	65.48
		For >50 To 100, Deduct	*-17.69*	
		For >100, Deduct	*-24.90*	
08 14 16 00-0297	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	296.95	65.48
		For >50 To 100, Deduct	*-18.12*	
		For >100, Deduct	*-25.55*	
08 14 16 00-0298	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	301.22	65.48
		For >50 To 100, Deduct	*-18.34*	
		For >100, Deduct	*-25.87*	
08 14 16 00-0299	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	311.13	68.33
		For >50 To 100, Deduct	*-18.97*	
		For >100, Deduct	*-26.75*	
08 14 16 00-0300	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	320.86	68.33
		For >50 To 100, Deduct	*-19.46*	
		For >100, Deduct	*-27.48*	
08 14 16 00-0301	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	358.21	71.17
		For >50 To 100, Deduct	*-21.47*	
		For >100, Deduct	*-30.42*	
08 14 16 00-0302	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	369.00	71.17
		For >50 To 100, Deduct	*-22.01*	
		For >100, Deduct	*-31.23*	
08 14 16 00-0303	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	390.59	71.17
		For >50 To 100, Deduct	*-23.09*	
		For >100, Deduct	*-32.85*	
08 14 16 00-0304	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	308.35	62.63
		For >50 To 100, Deduct	*-18.55*	
		For >100, Deduct	*-26.26*	
		For 9' Door Height, Add	*38.45*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0305	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	308.35	62.63
		For >50 To 100, Deduct	*-18.55*	
		For >100, Deduct	*-26.26*	
		For 9' Door Height, Add	*38.45*	
08 14 16 00-0306	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	319.11	65.48
		For >50 To 100, Deduct	*-19.23*	
		For >100, Deduct	*-27.21*	
		For 9' Door Height, Add	*39.51*	
08 14 16 00-0307	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	329.31	65.48
		For >50 To 100, Deduct	*-19.74*	
		For >100, Deduct	*-27.97*	
		For 9' Door Height, Add	*41.65*	
08 14 16 00-0308	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	334.41	65.48
		For >50 To 100, Deduct	*-19.99*	
		For >100, Deduct	*-28.35*	
		For 9' Door Height, Add	*42.72*	
08 14 16 00-0309	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	345.16	68.33
		For >50 To 100, Deduct	*-20.67*	
		For >100, Deduct	*-29.30*	
		For 9' Door Height, Add	*43.79*	
08 14 16 00-0310	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	356.80	68.33
		For >50 To 100, Deduct	*-21.26*	
		For >100, Deduct	*-30.18*	
		For 9' Door Height, Add	*46.23*	
08 14 16 00-0311	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	400.32	71.17
		For >50 To 100, Deduct	*-23.57*	
		For >100, Deduct	*-33.58*	
		For 9' Door Height, Add	*54.17*	
08 14 16 00-0312	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	413.20	71.17
		For >50 To 100, Deduct	*-24.22*	
		For >100, Deduct	*-34.55*	
		For 9' Door Height, Add	*56.88*	
08 14 16 00-0313	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	439.01	71.17
		For >50 To 100, Deduct	*-25.51*	
		For >100, Deduct	*-36.48*	
		For 9' Door Height, Add	*62.30*	

08 14 16 00-0314 1-3/8" Thick, Particleboard Core (PC), Wood Doors *(08 14 16)*

Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.

08 14 16 00-0315 Birch Faced Wood Doors *(08 14 16 00-0314)*

08 14 16 00-0316	EA	2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	293.23	62.63
		For 7 Ply Cold Press Construction, Deduct	*-3.36*	
		For Stave Lumber Core (SLC), Add	*125.97*	
		For Structural Composite Lumber Core (SCLC), Add	*75.58*	
		For >50 To 100, Deduct	*-17.79*	
		For >100, Deduct	*-25.12*	
08 14 16 00-0317	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	293.26	62.63
		For 7 Ply Cold Press Construction, Deduct	*-3.36*	
		For Stave Lumber Core (SLC), Add	*125.99*	
		For Structural Composite Lumber Core (SCLC), Add	*75.60*	
		For >50 To 100, Deduct	*-17.79*	
		For >100, Deduct	*-25.13*	
08 14 16 00-0318	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	307.76	65.48
		For 7 Ply Cold Press Construction, Deduct	*-3.54*	
		For Stave Lumber Core (SLC), Add	*132.60*	
		For Structural Composite Lumber Core (SCLC), Add	*79.56*	
		For >50 To 100, Deduct	*-18.66*	
		For >100, Deduct	*-26.36*	
08 14 16 00-0319	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	316.57	65.48
		For 7 Ply Cold Press Construction, Deduct	*-3.71*	
		For Stave Lumber Core (SLC), Add	*139.21*	
		For Structural Composite Lumber Core (SCLC), Add	*83.52*	
		For >50 To 100, Deduct	*-19.10*	
		For >100, Deduct	*-27.02*	
08 14 16 00-0320	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	321.94	65.48
		For 7 Ply Cold Press Construction, Deduct	*-3.82*	
		For Stave Lumber Core (SLC), Add	*143.24*	
		For Structural Composite Lumber Core (SCLC), Add	*85.94*	
		For >50 To 100, Deduct	*-19.37*	
		For >100, Deduct	*-27.42*	
08 14 16 00-0321	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	333.03	68.33
		For 7 Ply Cold Press Construction, Deduct	*-3.93*	
		For Stave Lumber Core (SLC), Add	*147.29*	
		For Structural Composite Lumber Core (SCLC), Add	*88.37*	
		For >50 To 100, Deduct	*-20.07*	
		For >100, Deduct	*-28.39*	
08 14 16 00-0322	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	354.57	68.33
		For 7 Ply Cold Press Construction, Deduct	*-4.36*	
		For Stave Lumber Core (SLC), Add	*163.44*	
		For Structural Composite Lumber Core (SCLC), Add	*98.06*	
		For >50 To 100, Deduct	*-21.14*	
		For >100, Deduct	*-30.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0323	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	374.21	71.17
		For 7 Ply Cold Press Construction, Deduct	*-4.64*	
		For Stave Lumber Core (SLC), Add	*173.90*	
		For Structural Composite Lumber Core (SCLC), Add	*104.34*	
		For >50 To 100, Deduct	*-22.27*	
		For >100, Deduct	*-31.62*	
08 14 16 00-0324	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	303.01	62.63
		For 7 Ply Cold Press Construction, Deduct	*-3.55*	
		For Stave Lumber Core (SLC), Add	*133.31*	
		For Structural Composite Lumber Core (SCLC), Add	*79.98*	
		For >50 To 100, Deduct	*-18.28*	
		For >100, Deduct	*-25.86*	
08 14 16 00-0325	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	303.02	62.63
		For 7 Ply Cold Press Construction, Deduct	*-3.56*	
		For Stave Lumber Core (SLC), Add	*133.31*	
		For Structural Composite Lumber Core (SCLC), Add	*79.99*	
		For >50 To 100, Deduct	*-18.28*	
		For >100, Deduct	*-25.86*	
08 14 16 00-0326	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	318.05	65.48
		For 7 Ply Cold Press Construction, Deduct	*-3.74*	
		For Stave Lumber Core (SLC), Add	*140.32*	
		For Structural Composite Lumber Core (SCLC), Add	*84.19*	
		For >50 To 100, Deduct	*-19.18*	
		For >100, Deduct	*-27.13*	
08 14 16 00-0327	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	327.38	65.48
		For 7 Ply Cold Press Construction, Deduct	*-3.93*	
		For Stave Lumber Core (SLC), Add	*147.32*	
		For Structural Composite Lumber Core (SCLC), Add	*88.39*	
		For >50 To 100, Deduct	*-19.64*	
		For >100, Deduct	*-27.83*	
08 14 16 00-0328	EA	2'-10" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	333.07	65.48
		For 7 Ply Cold Press Construction, Deduct	*-4.04*	
		For Stave Lumber Core (SLC), Add	*151.58*	
		For Structural Composite Lumber Core (SCLC), Add	*90.95*	
		For >50 To 100, Deduct	*-19.93*	
		For >100, Deduct	*-28.25*	
08 14 16 00-0329	EA	3'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	344.45	68.33
		For 7 Ply Cold Press Construction, Deduct	*-4.16*	
		For Stave Lumber Core (SLC), Add	*155.85*	
		For Structural Composite Lumber Core (SCLC), Add	*93.51*	
		For >50 To 100, Deduct	*-20.64*	
		For >100, Deduct	*-29.25*	
08 14 16 00-0330	EA	3'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	367.26	68.33
		For 7 Ply Cold Press Construction, Deduct	*-4.61*	
		For Stave Lumber Core (SLC), Add	*172.96*	
		For Structural Composite Lumber Core (SCLC), Add	*103.77*	
		For >50 To 100, Deduct	*-21.78*	
		For >100, Deduct	*-30.96*	
08 14 16 00-0331	EA	3'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	387.70	71.17
		For 7 Ply Cold Press Construction, Deduct	*-4.91*	
		For Stave Lumber Core (SLC), Add	*184.01*	
		For Structural Composite Lumber Core (SCLC), Add	*110.41*	
		For >50 To 100, Deduct	*-22.94*	
		For >100, Deduct	*-32.64*	
08 14 16 00-0332	EA	2'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	337.68	62.63
		For 7 Ply Cold Press Construction, Deduct	*-4.25*	
		For Stave Lumber Core (SLC), Add	*159.31*	
		For Structural Composite Lumber Core (SCLC), Add	*95.58*	
		For >50 To 100, Deduct	*-20.02*	
		For >100, Deduct	*-28.46*	
		For 9' Door Height, Add	*44.61*	
08 14 16 00-0333	EA	2'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	337.68	62.63
		For 7 Ply Cold Press Construction, Deduct	*-4.25*	
		For Stave Lumber Core (SLC), Add	*159.31*	
		For Structural Composite Lumber Core (SCLC), Add	*95.58*	
		For >50 To 100, Deduct	*-20.02*	
		For >100, Deduct	*-28.46*	
		For 9' Door Height, Add	*44.61*	
08 14 16 00-0334	EA	2'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	354.53	65.48
		For 7 Ply Cold Press Construction, Deduct	*-4.47*	
		For Stave Lumber Core (SLC), Add	*167.68*	
		For Structural Composite Lumber Core (SCLC), Add	*100.61*	
		For >50 To 100, Deduct	*-21.00*	
		For >100, Deduct	*-29.86*	
		For 9' Door Height, Add	*46.95*	
08 14 16 00-0335	EA	2'-8" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	365.68	65.48
		For 7 Ply Cold Press Construction, Deduct	*-4.69*	
		For Stave Lumber Core (SLC), Add	*176.04*	
		For Structural Composite Lumber Core (SCLC), Add	*105.62*	
		For >50 To 100, Deduct	*-21.56*	
		For >100, Deduct	*-30.70*	
		For 9' Door Height, Add	*49.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0336	EA	2'-10" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	372.47	65.48
		For 7 Ply Cold Press Construction, Deduct	*-4.83*	
		For Stave Lumber Core (SLC), Add	*181.13*	
		For Structural Composite Lumber Core (SCLC), Add	*108.68*	
		For >50 To 100, Deduct	*-21.90*	
		For >100, Deduct	*-31.21*	
		For 9' Door Height, Add	*50.72*	
08 14 16 00-0337	EA	3'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	384.98	68.33
		For 7 Ply Cold Press Construction, Deduct	*-4.97*	
		For Stave Lumber Core (SLC), Add	*186.25*	
		For Structural Composite Lumber Core (SCLC), Add	*111.75*	
		For >50 To 100, Deduct	*-22.67*	
		For >100, Deduct	*-32.29*	
		For 9' Door Height, Add	*52.15*	
08 14 16 00-0338	EA	3'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	412.22	68.33
		For 7 Ply Cold Press Construction, Deduct	*-5.51*	
		For Stave Lumber Core (SLC), Add	*206.68*	
		For Structural Composite Lumber Core (SCLC), Add	*124.01*	
		For >50 To 100, Deduct	*-24.03*	
		For >100, Deduct	*-34.33*	
		For 9' Door Height, Add	*57.87*	
08 14 16 00-0339	EA	3'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	435.54	71.17
		For 7 Ply Cold Press Construction, Deduct	*-5.86*	
		For Stave Lumber Core (SLC), Add	*219.89*	
		For Structural Composite Lumber Core (SCLC), Add	*131.94*	
		For >50 To 100, Deduct	*-25.34*	
		For >100, Deduct	*-36.22*	
		For 9' Door Height, Add	*61.57*	

08 14 16 00-0340 Oak Faced Wood Doors *(08 14 16 00-0314)*

08 14 16 00-0341	EA	2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	419.73	62.63
		For 7 Ply Cold Press Construction, Deduct	*-5.89*	
		For Stave Lumber Core (SLC), Add	*220.85*	
		For Structural Composite Lumber Core (SCLC), Add	*132.51*	
		For >50 To 100, Deduct	*-24.12*	
		For >100, Deduct	*-34.61*	
08 14 16 00-0342	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	419.73	62.63
		For 7 Ply Cold Press Construction, Deduct	*-5.89*	
		For Stave Lumber Core (SLC), Add	*220.85*	
		For Structural Composite Lumber Core (SCLC), Add	*132.51*	
		For >50 To 100, Deduct	*-24.12*	
		For >100, Deduct	*-34.61*	
08 14 16 00-0343	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	440.92	65.48
		For 7 Ply Cold Press Construction, Deduct	*-6.20*	
		For Stave Lumber Core (SLC), Add	*232.47*	
		For Structural Composite Lumber Core (SCLC), Add	*139.48*	
		For >50 To 100, Deduct	*-25.32*	
		For >100, Deduct	*-36.34*	
08 14 16 00-0344	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	456.38	65.48
		For 7 Ply Cold Press Construction, Deduct	*-6.51*	
		For Stave Lumber Core (SLC), Add	*244.07*	
		For Structural Composite Lumber Core (SCLC), Add	*146.44*	
		For >50 To 100, Deduct	*-26.09*	
		For >100, Deduct	*-37.50*	
08 14 16 00-0345	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	465.79	65.48
		For 7 Ply Cold Press Construction, Deduct	*-6.70*	
		For Stave Lumber Core (SLC), Add	*251.12*	
		For Structural Composite Lumber Core (SCLC), Add	*150.67*	
		For >50 To 100, Deduct	*-26.56*	
		For >100, Deduct	*-38.21*	
08 14 16 00-0346	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	480.94	68.33
		For 7 Ply Cold Press Construction, Deduct	*-6.89*	
		For Stave Lumber Core (SLC), Add	*258.22*	
		For Structural Composite Lumber Core (SCLC), Add	*154.93*	
		For >50 To 100, Deduct	*-27.46*	
		For >100, Deduct	*-39.49*	
08 14 16 00-0347	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	518.71	68.33
		For 7 Ply Cold Press Construction, Deduct	*-7.64*	
		For Stave Lumber Core (SLC), Add	*286.55*	
		For Structural Composite Lumber Core (SCLC), Add	*171.93*	
		For >50 To 100, Deduct	*-29.35*	
		For >100, Deduct	*-42.32*	
08 14 16 00-0348	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	548.82	71.17
		For 7 Ply Cold Press Construction, Deduct	*-8.13*	
		For Stave Lumber Core (SLC), Add	*304.85*	
		For Structural Composite Lumber Core (SCLC), Add	*182.91*	
		For >50 To 100, Deduct	*-31.00*	
		For >100, Deduct	*-44.72*	
08 14 16 00-0349	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	436.86	62.63
		For 7 Ply Cold Press Construction, Deduct	*-6.23*	
		For Stave Lumber Core (SLC), Add	*233.69*	
		For Structural Composite Lumber Core (SCLC), Add	*140.22*	
		For >50 To 100, Deduct	*-24.97*	
		For >100, Deduct	*-35.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0350	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	436.86	62.63
		For 7 Ply Cold Press Construction, Deduct	*-6.23*	
		For Stave Lumber Core (SLC), Add	*233.69*	
		For Structural Composite Lumber Core (SCLC), Add	*140.22*	
		For >50 To 100, Deduct	*-24.97*	
		For >100, Deduct	*-35.90*	
08 14 16 00-0351	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	458.98	65.48
		For 7 Ply Cold Press Construction, Deduct	*-6.56*	
		For Stave Lumber Core (SLC), Add	*246.02*	
		For Structural Composite Lumber Core (SCLC), Add	*147.61*	
		For >50 To 100, Deduct	*-26.22*	
		For >100, Deduct	*-37.70*	
08 14 16 00-0352	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	475.33	65.48
		For 7 Ply Cold Press Construction, Deduct	*-6.89*	
		For Stave Lumber Core (SLC), Add	*258.28*	
		For Structural Composite Lumber Core (SCLC), Add	*154.97*	
		For >50 To 100, Deduct	*-27.04*	
		For >100, Deduct	*-38.92*	
08 14 16 00-0353	EA	2'-10" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	485.28	65.48
		For 7 Ply Cold Press Construction, Deduct	*-7.09*	
		For Stave Lumber Core (SLC), Add	*265.74*	
		For Structural Composite Lumber Core (SCLC), Add	*159.44*	
		For >50 To 100, Deduct	*-27.54*	
		For >100, Deduct	*-39.67*	
08 14 16 00-0354	EA	3'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	500.97	68.33
		For 7 Ply Cold Press Construction, Deduct	*-7.29*	
		For Stave Lumber Core (SLC), Add	*273.24*	
		For Structural Composite Lumber Core (SCLC), Add	*163.94*	
		For >50 To 100, Deduct	*-28.46*	
		For >100, Deduct	*-40.99*	
08 14 16 00-0355	EA	3'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	540.95	68.33
		For 7 Ply Cold Press Construction, Deduct	*-8.09*	
		For Stave Lumber Core (SLC), Add	*303.23*	
		For Structural Composite Lumber Core (SCLC), Add	*181.94*	
		For >50 To 100, Deduct	*-30.46*	
		For >100, Deduct	*-43.99*	
08 14 16 00-0356	EA	3'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	572.50	71.17
		For 7 Ply Cold Press Construction, Deduct	*-8.60*	
		For Stave Lumber Core (SLC), Add	*322.61*	
		For Structural Composite Lumber Core (SCLC), Add	*193.57*	
		For >50 To 100, Deduct	*-32.18*	
		For >100, Deduct	*-46.50*	
08 14 16 00-0357	EA	2'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	497.61	62.63
		For 7 Ply Cold Press Construction, Deduct	*-7.45*	
		For Stave Lumber Core (SLC), Add	*279.26*	
		For Structural Composite Lumber Core (SCLC), Add	*167.55*	
		For >50 To 100, Deduct	*-28.01*	
		For >100, Deduct	*-40.45*	
		For 9' Door Height, Add	*78.19*	
08 14 16 00-0358	EA	2'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	497.61	62.63
		For 7 Ply Cold Press Construction, Deduct	*-7.45*	
		For Stave Lumber Core (SLC), Add	*279.26*	
		For Structural Composite Lumber Core (SCLC), Add	*167.55*	
		For >50 To 100, Deduct	*-28.01*	
		For >100, Deduct	*-40.45*	
		For 9' Door Height, Add	*78.19*	
08 14 16 00-0359	EA	2'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	522.94	65.48
		For 7 Ply Cold Press Construction, Deduct	*-7.84*	
		For Stave Lumber Core (SLC), Add	*293.99*	
		For Structural Composite Lumber Core (SCLC), Add	*176.39*	
		For >50 To 100, Deduct	*-29.42*	
		For >100, Deduct	*-42.49*	
		For 9' Door Height, Add	*82.32*	
08 14 16 00-0360	EA	2'-8" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	542.47	65.48
		For 7 Ply Cold Press Construction, Deduct	*-8.23*	
		For Stave Lumber Core (SLC), Add	*308.63*	
		For Structural Composite Lumber Core (SCLC), Add	*185.18*	
		For >50 To 100, Deduct	*-30.40*	
		For >100, Deduct	*-43.96*	
		For 9' Door Height, Add	*86.42*	
08 14 16 00-0361	EA	2'-10" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	554.37	65.48
		For 7 Ply Cold Press Construction, Deduct	*-8.47*	
		For Stave Lumber Core (SLC), Add	*317.56*	
		For Structural Composite Lumber Core (SCLC), Add	*190.53*	
		For >50 To 100, Deduct	*-30.99*	
		For >100, Deduct	*-44.85*	
		For 9' Door Height, Add	*88.92*	
08 14 16 00-0362	EA	3'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	572.03	68.33
		For 7 Ply Cold Press Construction, Deduct	*-8.71*	
		For Stave Lumber Core (SLC), Add	*326.54*	
		For Structural Composite Lumber Core (SCLC), Add	*195.92*	
		For >50 To 100, Deduct	*-32.02*	
		For >100, Deduct	*-46.32*	
		For 9' Door Height, Add	*91.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0363	EA	3'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	619.80	68.33
		For 7 Ply Cold Press Construction, Deduct	*-9.66*	
		For Stave Lumber Core (SLC), Add	*362.36*	
		For Structural Composite Lumber Core (SCLC), Add	*217.42*	
		For >50 To 100, Deduct	*-34.41*	
		For >100, Deduct	*-49.90*	
		For 9' Door Height, Add	*101.46*	
08 14 16 00-0364	EA	3'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	656.38	71.17
		For 7 Ply Cold Press Construction, Deduct	*-10.28*	
		For Stave Lumber Core (SLC), Add	*385.52*	
		For Structural Composite Lumber Core (SCLC), Add	*231.31*	
		For >50 To 100, Deduct	*-36.38*	
		For >100, Deduct	*-52.79*	
		For 9' Door Height, Add	*107.95*	
08 14 16 00-0365		**Maple Faced Wood Doors** *(08 14 16 00-0314)*		
08 14 16 00-0366	EA	2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	373.98	62.63
		For 7 Ply Cold Press Construction, Deduct	*-4.97*	
		For Stave Lumber Core (SLC), Add	*186.53*	
		For Structural Composite Lumber Core (SCLC), Add	*111.92*	
		For >50 To 100, Deduct	*-21.83*	
		For >100, Deduct	*-31.18*	
08 14 16 00-0367	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	373.98	62.63
		For 7 Ply Cold Press Construction, Deduct	*-4.97*	
		For Stave Lumber Core (SLC), Add	*186.53*	
		For Structural Composite Lumber Core (SCLC), Add	*111.92*	
		For >50 To 100, Deduct	*-21.83*	
		For >100, Deduct	*-31.18*	
08 14 16 00-0368	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	392.76	65.48
		For 7 Ply Cold Press Construction, Deduct	*-5.24*	
		For Stave Lumber Core (SLC), Add	*196.35*	
		For Structural Composite Lumber Core (SCLC), Add	*117.81*	
		For >50 To 100, Deduct	*-22.91*	
		For >100, Deduct	*-32.73*	
08 14 16 00-0369	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	405.82	65.48
		For 7 Ply Cold Press Construction, Deduct	*-5.50*	
		For Stave Lumber Core (SLC), Add	*206.15*	
		For Structural Composite Lumber Core (SCLC), Add	*123.69*	
		For >50 To 100, Deduct	*-23.57*	
		For >100, Deduct	*-33.71*	
08 14 16 00-0370	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	413.76	65.48
		For 7 Ply Cold Press Construction, Deduct	*-5.66*	
		For Stave Lumber Core (SLC), Add	*212.10*	
		For Structural Composite Lumber Core (SCLC), Add	*127.26*	
		For >50 To 100, Deduct	*-23.96*	
		For >100, Deduct	*-34.31*	
08 14 16 00-0371	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	427.44	68.33
		For 7 Ply Cold Press Construction, Deduct	*-5.82*	
		For Stave Lumber Core (SLC), Add	*218.09*	
		For Structural Composite Lumber Core (SCLC), Add	*130.86*	
		For >50 To 100, Deduct	*-24.79*	
		For >100, Deduct	*-35.47*	
08 14 16 00-0372	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	459.35	68.33
		For 7 Ply Cold Press Construction, Deduct	*-6.45*	
		For Stave Lumber Core (SLC), Add	*242.03*	
		For Structural Composite Lumber Core (SCLC), Add	*145.22*	
		For >50 To 100, Deduct	*-26.38*	
		For >100, Deduct	*-37.87*	
08 14 16 00-0373	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	485.66	71.17
		For 7 Ply Cold Press Construction, Deduct	*-6.87*	
		For Stave Lumber Core (SLC), Add	*257.48*	
		For Structural Composite Lumber Core (SCLC), Add	*154.49*	
		For >50 To 100, Deduct	*-27.84*	
		For >100, Deduct	*-39.98*	
08 14 16 00-0374	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	388.44	62.63
		For 7 Ply Cold Press Construction, Deduct	*-5.26*	
		For Stave Lumber Core (SLC), Add	*197.38*	
		For Structural Composite Lumber Core (SCLC), Add	*118.43*	
		For >50 To 100, Deduct	*-22.55*	
		For >100, Deduct	*-32.26*	
08 14 16 00-0375	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	388.44	62.63
		For 7 Ply Cold Press Construction, Deduct	*-5.26*	
		For Stave Lumber Core (SLC), Add	*197.38*	
		For Structural Composite Lumber Core (SCLC), Add	*118.43*	
		For >50 To 100, Deduct	*-22.55*	
		For >100, Deduct	*-32.26*	
08 14 16 00-0376	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	408.01	65.48
		For 7 Ply Cold Press Construction, Deduct	*-5.54*	
		For Stave Lumber Core (SLC), Add	*207.79*	
		For Structural Composite Lumber Core (SCLC), Add	*124.67*	
		For >50 To 100, Deduct	*-23.67*	
		For >100, Deduct	*-33.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0377	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	421.83	65.48
		For 7 Ply Cold Press Construction, Deduct	*-5.82*	
		For Stave Lumber Core (SLC), Add	*218.15*	
		For Structural Composite Lumber Core (SCLC), Add	*130.89*	
		For >50 To 100, Deduct	*-24.37*	
		For >100, Deduct	*-34.91*	
08 14 16 00-0378	EA	2'-10" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	430.23	65.48
		For 7 Ply Cold Press Construction, Deduct	*-5.99*	
		For Stave Lumber Core (SLC), Add	*224.45*	
		For Structural Composite Lumber Core (SCLC), Add	*134.67*	
		For >50 To 100, Deduct	*-24.79*	
		For >100, Deduct	*-35.54*	
08 14 16 00-0379	EA	3'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	444.38	68.33
		For 7 Ply Cold Press Construction, Deduct	*-6.15*	
		For Stave Lumber Core (SLC), Add	*230.80*	
		For Structural Composite Lumber Core (SCLC), Add	*138.48*	
		For >50 To 100, Deduct	*-25.64*	
		For >100, Deduct	*-36.74*	
08 14 16 00-0380	EA	3'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	478.14	68.33
		For 7 Ply Cold Press Construction, Deduct	*-6.83*	
		For Stave Lumber Core (SLC), Add	*256.12*	
		For Structural Composite Lumber Core (SCLC), Add	*153.67*	
		For >50 To 100, Deduct	*-27.32*	
		For >100, Deduct	*-39.28*	
08 14 16 00-0381	EA	3'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	505.65	71.17
		For 7 Ply Cold Press Construction, Deduct	*-7.27*	
		For Stave Lumber Core (SLC), Add	*272.48*	
		For Structural Composite Lumber Core (SCLC), Add	*163.49*	
		For >50 To 100, Deduct	*-28.84*	
		For >100, Deduct	*-41.48*	
08 14 16 00-0382	EA	2'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	439.76	62.63
		For 7 Ply Cold Press Construction, Deduct	*-6.29*	
		For Stave Lumber Core (SLC), Add	*235.87*	
		For Structural Composite Lumber Core (SCLC), Add	*141.52*	
		For >50 To 100, Deduct	*-25.12*	
		For >100, Deduct	*-36.11*	
		For 9' Door Height, Add	*66.04*	
08 14 16 00-0383	EA	2'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	439.76	62.63
		For 7 Ply Cold Press Construction, Deduct	*-6.29*	
		For Stave Lumber Core (SLC), Add	*235.87*	
		For Structural Composite Lumber Core (SCLC), Add	*141.52*	
		For >50 To 100, Deduct	*-25.12*	
		For >100, Deduct	*-36.11*	
		For 9' Door Height, Add	*66.04*	
08 14 16 00-0384	EA	2'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	462.03	65.48
		For 7 Ply Cold Press Construction, Deduct	*-6.62*	
		For Stave Lumber Core (SLC), Add	*248.30*	
		For Structural Composite Lumber Core (SCLC), Add	*148.98*	
		For >50 To 100, Deduct	*-26.38*	
		For >100, Deduct	*-37.93*	
		For 9' Door Height, Add	*69.52*	
08 14 16 00-0385	EA	2'-8" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	478.53	65.48
		For 7 Ply Cold Press Construction, Deduct	*-6.95*	
		For Stave Lumber Core (SLC), Add	*260.68*	
		For Structural Composite Lumber Core (SCLC), Add	*156.41*	
		For >50 To 100, Deduct	*-27.20*	
		For >100, Deduct	*-39.16*	
		For 9' Door Height, Add	*72.99*	
08 14 16 00-0386	EA	2'-10" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	488.59	65.48
		For 7 Ply Cold Press Construction, Deduct	*-7.15*	
		For Stave Lumber Core (SLC), Add	*268.22*	
		For Structural Composite Lumber Core (SCLC), Add	*160.93*	
		For >50 To 100, Deduct	*-27.70*	
		For >100, Deduct	*-39.92*	
		For 9' Door Height, Add	*75.10*	
08 14 16 00-0387	EA	3'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	504.37	68.33
		For 7 Ply Cold Press Construction, Deduct	*-7.35*	
		For Stave Lumber Core (SLC), Add	*275.79*	
		For Structural Composite Lumber Core (SCLC), Add	*165.47*	
		For >50 To 100, Deduct	*-28.63*	
		For >100, Deduct	*-41.24*	
		For 9' Door Height, Add	*77.22*	
08 14 16 00-0388	EA	3'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	544.73	68.33
		For 7 Ply Cold Press Construction, Deduct	*-8.16*	
		For Stave Lumber Core (SLC), Add	*306.06*	
		For Structural Composite Lumber Core (SCLC), Add	*183.64*	
		For >50 To 100, Deduct	*-30.65*	
		For >100, Deduct	*-44.27*	
		For 9' Door Height, Add	*85.70*	
08 14 16 00-0389	EA	3'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	576.50	71.17
		For 7 Ply Cold Press Construction, Deduct	*-8.68*	
		For Stave Lumber Core (SLC), Add	*325.61*	
		For Structural Composite Lumber Core (SCLC), Add	*195.37*	
		For >50 To 100, Deduct	*-32.38*	
		For >100, Deduct	*-46.80*	
		For 9' Door Height, Add	*91.17*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0390		**Lauan Faced Wood Doors** *(08 14 16 00-0314)*		
08 14 16 00-0391	EA	2'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	239.51	62.63
		For >50 To 100, Deduct	*-15.11*	
		For >100, Deduct	*-21.10*	
08 14 16 00-0392	EA	2'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	239.51	62.63
		For >50 To 100, Deduct	*-15.11*	
		For >100, Deduct	*-21.10*	
08 14 16 00-0393	EA	2'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	251.45	65.48
		For >50 To 100, Deduct	*-15.85*	
		For >100, Deduct	*-22.13*	
08 14 16 00-0394	EA	2'-8" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	257.75	65.48
		For >50 To 100, Deduct	*-16.16*	
		For >100, Deduct	*-22.61*	
08 14 16 00-0395	EA	2'-10" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	260.91	65.48
		For >50 To 100, Deduct	*-16.32*	
		For >100, Deduct	*-22.84*	
08 14 16 00-0396	EA	3'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	269.79	68.33
		For >50 To 100, Deduct	*-16.91*	
		For >100, Deduct	*-23.65*	
08 14 16 00-0397	EA	3'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	284.41	68.33
		For >50 To 100, Deduct	*-17.64*	
		For >100, Deduct	*-24.75*	
08 14 16 00-0398	EA	3'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	301.69	71.17
		For >50 To 100, Deduct	*-18.64*	
		For >100, Deduct	*-26.19*	
08 14 16 00-0399	EA	2'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	246.16	62.63
		For >50 To 100, Deduct	*-15.44*	
		For >100, Deduct	*-21.59*	
08 14 16 00-0400	EA	2'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	246.16	62.63
		For >50 To 100, Deduct	*-15.44*	
		For >100, Deduct	*-21.59*	
08 14 16 00-0401	EA	2'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	258.47	65.48
		For >50 To 100, Deduct	*-16.20*	
		For >100, Deduct	*-22.66*	
08 14 16 00-0402	EA	2'-8" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	265.13	65.48
		For >50 To 100, Deduct	*-16.53*	
		For >100, Deduct	*-23.16*	
08 14 16 00-0403	EA	2'-10" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	268.49	65.48
		For >50 To 100, Deduct	*-16.70*	
		For >100, Deduct	*-23.41*	
08 14 16 00-0404	EA	3'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	277.53	68.33
		For >50 To 100, Deduct	*-17.29*	
		For >100, Deduct	*-24.23*	
08 14 16 00-0405	EA	3'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	293.02	68.33
		For >50 To 100, Deduct	*-18.07*	
		For >100, Deduct	*-25.39*	
08 14 16 00-0406	EA	3'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	310.96	71.17
		For >50 To 100, Deduct	*-19.11*	
		For >100, Deduct	*-26.88*	
08 14 16 00-0407	EA	2'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	269.74	62.63
		For >50 To 100, Deduct	*-16.62*	
		For >100, Deduct	*-23.36*	
		For 9' Door Height, Add	*30.34*	
08 14 16 00-0408	EA	2'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	269.74	62.63
		For >50 To 100, Deduct	*-16.62*	
		For >100, Deduct	*-23.36*	
		For 9' Door Height, Add	*30.34*	
08 14 16 00-0409	EA	2'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	283.33	65.48
		For >50 To 100, Deduct	*-17.44*	
		For >100, Deduct	*-24.52*	
		For 9' Door Height, Add	*32.00*	
08 14 16 00-0410	EA	2'-8" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	291.30	65.48
		For >50 To 100, Deduct	*-17.84*	
		For >100, Deduct	*-25.12*	
		For 9' Door Height, Add	*33.67*	
08 14 16 00-0411	EA	2'-10" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	295.31	65.48
		For >50 To 100, Deduct	*-18.04*	
		For >100, Deduct	*-25.42*	
		For 9' Door Height, Add	*34.51*	
08 14 16 00-0412	EA	3'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	305.01	68.33
		For >50 To 100, Deduct	*-18.67*	
		For >100, Deduct	*-26.29*	
		For 9' Door Height, Add	*35.36*	
08 14 16 00-0413	EA	3'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	323.51	68.33
		For >50 To 100, Deduct	*-19.59*	
		For >100, Deduct	*-27.68*	
		For 9' Door Height, Add	*39.24*	
08 14 16 00-0414	EA	3'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	343.83	71.17
		For >50 To 100, Deduct	*-20.75*	
		For >100, Deduct	*-29.35*	
		For 9' Door Height, Add	*42.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0415		Medium Density Overlay (MDO) Faced Wood Doors *(08 14 16 00-0314)*		
08 14 16 00-0416	EA	2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	232.66	62.63
		For Stave Lumber Core (SLC), Add	*80.54*	
		For Structural Composite Lumber Core (SCLC), Add	*48.33*	
		For >50 To 100, Deduct	*-14.76*	
		For >100, Deduct	*-20.58*	
08 14 16 00-0417	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	232.66	62.63
		For Stave Lumber Core (SLC), Add	*80.54*	
		For Structural Composite Lumber Core (SCLC), Add	*48.33*	
		For >50 To 100, Deduct	*-14.76*	
		For >100, Deduct	*-20.58*	
08 14 16 00-0418	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	244.59	65.48
		For Stave Lumber Core (SLC), Add	*85.22*	
		For Structural Composite Lumber Core (SCLC), Add	*51.13*	
		For >50 To 100, Deduct	*-15.50*	
		For >100, Deduct	*-21.62*	
08 14 16 00-0419	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	250.81	65.48
		For Stave Lumber Core (SLC), Add	*89.89*	
		For Structural Composite Lumber Core (SCLC), Add	*53.93*	
		For >50 To 100, Deduct	*-15.81*	
		For >100, Deduct	*-22.08*	
08 14 16 00-0420	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	251.95	65.48
		For Stave Lumber Core (SLC), Add	*90.74*	
		For Structural Composite Lumber Core (SCLC), Add	*54.45*	
		For >50 To 100, Deduct	*-15.87*	
		For >100, Deduct	*-22.17*	
08 14 16 00-0421	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	258.80	68.33
		For Stave Lumber Core (SLC), Add	*91.61*	
		For Structural Composite Lumber Core (SCLC), Add	*54.97*	
		For >50 To 100, Deduct	*-16.36*	
		For >100, Deduct	*-22.83*	
08 14 16 00-0422	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	272.27	68.33
		For Stave Lumber Core (SLC), Add	*101.72*	
		For Structural Composite Lumber Core (SCLC), Add	*61.03*	
		For >50 To 100, Deduct	*-17.03*	
		For >100, Deduct	*-23.84*	
08 14 16 00-0423	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	302.54	71.17
		For Stave Lumber Core (SLC), Add	*120.14*	
		For Structural Composite Lumber Core (SCLC), Add	*72.09*	
		For >50 To 100, Deduct	*-18.69*	
		For >100, Deduct	*-26.25*	
08 14 16 00-0424	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	238.91	62.63
		For Stave Lumber Core (SLC), Add	*85.23*	
		For Structural Composite Lumber Core (SCLC), Add	*51.14*	
		For >50 To 100, Deduct	*-15.08*	
		For >100, Deduct	*-21.05*	
08 14 16 00-0425	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	238.92	62.63
		For Stave Lumber Core (SLC), Add	*85.24*	
		For Structural Composite Lumber Core (SCLC), Add	*51.14*	
		For >50 To 100, Deduct	*-15.08*	
		For >100, Deduct	*-21.05*	
08 14 16 00-0426	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	251.20	65.48
		For Stave Lumber Core (SLC), Add	*90.18*	
		For Structural Composite Lumber Core (SCLC), Add	*54.11*	
		For >50 To 100, Deduct	*-15.83*	
		For >100, Deduct	*-22.11*	
08 14 16 00-0427	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	257.78	65.48
		For Stave Lumber Core (SLC), Add	*95.12*	
		For Structural Composite Lumber Core (SCLC), Add	*57.07*	
		For >50 To 100, Deduct	*-16.16*	
		For >100, Deduct	*-22.61*	
08 14 16 00-0428	EA	2'-10" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	258.99	65.48
		For Stave Lumber Core (SLC), Add	*96.02*	
		For Structural Composite Lumber Core (SCLC), Add	*57.61*	
		For >50 To 100, Deduct	*-16.22*	
		For >100, Deduct	*-22.70*	
08 14 16 00-0429	EA	3'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	265.91	68.33
		For Stave Lumber Core (SLC), Add	*96.95*	
		For Structural Composite Lumber Core (SCLC), Add	*58.17*	
		For >50 To 100, Deduct	*-16.71*	
		For >100, Deduct	*-23.36*	
08 14 16 00-0430	EA	3'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	280.16	68.33
		For Stave Lumber Core (SLC), Add	*107.63*	
		For Structural Composite Lumber Core (SCLC), Add	*64.58*	
		For >50 To 100, Deduct	*-17.42*	
		For >100, Deduct	*-24.43*	
08 14 16 00-0431	EA	3'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	311.87	71.17
		For Stave Lumber Core (SLC), Add	*127.14*	
		For Structural Composite Lumber Core (SCLC), Add	*76.28*	
		For >50 To 100, Deduct	*-19.15*	
		For >100, Deduct	*-26.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0432	EA	2'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	261.06	62.63
		For Stave Lumber Core (SLC), Add	*101.84*	
		For Structural Composite Lumber Core (SCLC), Add	*61.11*	
		For >50 To 100, Deduct	*-16.18*	
		For >100, Deduct	*-22.71*	
		For 9' Door Height, Add	*28.52*	
08 14 16 00-0433	EA	2'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	261.08	62.63
		For Stave Lumber Core (SLC), Add	*101.86*	
		For Structural Composite Lumber Core (SCLC), Add	*61.11*	
		For >50 To 100, Deduct	*-16.19*	
		For >100, Deduct	*-22.71*	
		For 9' Door Height, Add	*28.52*	
08 14 16 00-0434	EA	2'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	274.65	65.48
		For Stave Lumber Core (SLC), Add	*107.77*	
		For Structural Composite Lumber Core (SCLC), Add	*64.66*	
		For >50 To 100, Deduct	*-17.01*	
		For >100, Deduct	*-23.87*	
		For 9' Door Height, Add	*30.17*	
08 14 16 00-0435	EA	2'-8" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	282.50	65.48
		For Stave Lumber Core (SLC), Add	*113.66*	
		For Structural Composite Lumber Core (SCLC), Add	*68.19*	
		For >50 To 100, Deduct	*-17.40*	
		For >100, Deduct	*-24.46*	
		For 9' Door Height, Add	*31.82*	
08 14 16 00-0436	EA	2'-10" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	283.95	65.48
		For Stave Lumber Core (SLC), Add	*114.74*	
		For Structural Composite Lumber Core (SCLC), Add	*68.85*	
		For >50 To 100, Deduct	*-17.47*	
		For >100, Deduct	*-24.57*	
		For 9' Door Height, Add	*32.13*	
08 14 16 00-0437	EA	3'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	291.12	68.33
		For Stave Lumber Core (SLC), Add	*115.85*	
		For Structural Composite Lumber Core (SCLC), Add	*69.51*	
		For >50 To 100, Deduct	*-17.97*	
		For >100, Deduct	*-25.25*	
		For 9' Door Height, Add	*32.44*	
08 14 16 00-0438	EA	3'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	308.16	68.33
		For Stave Lumber Core (SLC), Add	*128.63*	
		For Structural Composite Lumber Core (SCLC), Add	*77.18*	
		For >50 To 100, Deduct	*-18.82*	
		For >100, Deduct	*-26.53*	
		For 9' Door Height, Add	*36.02*	
08 14 16 00-0439	EA	3'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	344.93	71.17
		For Stave Lumber Core (SLC), Add	*151.94*	
		For Structural Composite Lumber Core (SCLC), Add	*91.16*	
		For >50 To 100, Deduct	*-20.81*	
		For >100, Deduct	*-29.43*	
		For 9' Door Height, Add	*42.54*	

08 14 16 00-0440 1-3/4" Thick, Particleboard Core (PC), Wood Doors *(08 14 16)*

Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.

08 14 16 00-0441 Birch Faced Wood Doors *(08 14 16 00-0440)*

08 14 16 00-0442	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	329.72	62.63
		For 7 Ply Cold Press Construction, Deduct	*-4.09*	
		For Stave Lumber Core (SLC), Add	*153.34*	
		For Structural Composite Lumber Core (SCLC), Add	*92.00*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*24.53*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*110.40*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*153.34*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*245.34*	
		For >50 To 100, Deduct	*-19.62*	
		For >100, Deduct	*-27.86*	
08 14 16 00-0443	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	329.72	62.63
		For 7 Ply Cold Press Construction, Deduct	*-4.09*	
		For Stave Lumber Core (SLC), Add	*153.34*	
		For Structural Composite Lumber Core (SCLC), Add	*92.00*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*24.53*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*110.40*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*153.34*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*245.34*	
		For >50 To 100, Deduct	*-19.62*	
		For >100, Deduct	*-27.86*	
08 14 16 00-0444	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	324.64	65.48
		For 7 Ply Cold Press Construction, Deduct	*-3.87*	
		For Stave Lumber Core (SLC), Add	*145.26*	
		For Structural Composite Lumber Core (SCLC), Add	*87.16*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*23.24*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*104.59*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*145.26*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*232.42*	
		For >50 To 100, Deduct	*-19.51*	
		For >100, Deduct	*-27.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0445	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	332.71	65.48
		For 7 Ply Cold Press Construction, Deduct	*-4.04*	
		For Stave Lumber Core (SLC), Add	*151.31*	
		For Structural Composite Lumber Core (SCLC), Add	*90.79*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*24.21*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*108.95*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*151.31*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*242.10*	
		For >50 To 100, Deduct	*-19.91*	
		For >100, Deduct	*-28.23*	
08 14 16 00-0446	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	338.11	65.48
		For 7 Ply Cold Press Construction, Deduct	*-4.14*	
		For Stave Lumber Core (SLC), Add	*155.36*	
		For Structural Composite Lumber Core (SCLC), Add	*93.22*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*24.86*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*111.86*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*155.36*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*248.58*	
		For >50 To 100, Deduct	*-20.18*	
		For >100, Deduct	*-28.63*	
08 14 16 00-0447	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	349.17	68.33
		For 7 Ply Cold Press Construction, Deduct	*-4.25*	
		For Stave Lumber Core (SLC), Add	*159.39*	
		For Structural Composite Lumber Core (SCLC), Add	*95.63*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*25.50*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*114.76*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*159.39*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*255.02*	
		For >50 To 100, Deduct	*-20.87*	
		For >100, Deduct	*-29.60*	
08 14 16 00-0448	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	372.54	68.33
		For 7 Ply Cold Press Construction, Deduct	*-4.72*	
		For Stave Lumber Core (SLC), Add	*176.92*	
		For Structural Composite Lumber Core (SCLC), Add	*106.15*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*28.31*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*127.38*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*176.92*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*283.07*	
		For >50 To 100, Deduct	*-22.04*	
		For >100, Deduct	*-31.36*	
08 14 16 00-0449	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	428.75	71.17
		For 7 Ply Cold Press Construction, Deduct	*-5.73*	
		For Stave Lumber Core (SLC), Add	*214.80*	
		For Structural Composite Lumber Core (SCLC), Add	*128.88*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*34.37*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*154.66*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*214.80*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*343.68*	
		For >50 To 100, Deduct	*-25.00*	
		For >100, Deduct	*-35.72*	
08 14 16 00-0450	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	443.07	71.17
		For 7 Ply Cold Press Construction, Deduct	*-6.01*	
		For Stave Lumber Core (SLC), Add	*225.54*	
		For Structural Composite Lumber Core (SCLC), Add	*135.32*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*36.09*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*162.39*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*225.54*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*360.86*	
		For >50 To 100, Deduct	*-25.71*	
		For >100, Deduct	*-36.79*	
08 14 16 00-0451	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	483.09	76.87
		For 7 Ply Cold Press Construction, Deduct	*-6.59*	
		For Stave Lumber Core (SLC), Add	*247.01*	
		For Structural Composite Lumber Core (SCLC), Add	*148.21*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*39.52*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*177.85*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*247.01*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*395.22*	
		For >50 To 100, Deduct	*-28.00*	
		For >100, Deduct	*-40.08*	
08 14 16 00-0452	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	320.05	62.63
		For 7 Ply Cold Press Construction, Deduct	*-3.90*	
		For Stave Lumber Core (SLC), Add	*146.09*	
		For Structural Composite Lumber Core (SCLC), Add	*87.65*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*23.37*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*105.18*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*146.09*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*233.74*	
		For >50 To 100, Deduct	*-19.13*	
		For >100, Deduct	*-27.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0453	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	320.05	62.63
		For 7 Ply Cold Press Construction, Deduct	*-3.90*	
		For Stave Lumber Core (SLC), Add	*146.09*	
		For Structural Composite Lumber Core (SCLC), Add	*87.65*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*23.37*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*105.18*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*146.09*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*233.74*	
		For >50 To 100, Deduct	*-19.13*	
		For >100, Deduct	*-27.14*	
08 14 16 00-0454	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	335.92	65.48
		For 7 Ply Cold Press Construction, Deduct	*-4.10*	
		For Stave Lumber Core (SLC), Add	*153.72*	
		For Structural Composite Lumber Core (SCLC), Add	*92.23*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*24.60*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*110.68*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*153.72*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*245.95*	
		For >50 To 100, Deduct	*-20.07*	
		For >100, Deduct	*-28.47*	
08 14 16 00-0455	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	344.46	65.48
		For 7 Ply Cold Press Construction, Deduct	*-4.27*	
		For Stave Lumber Core (SLC), Add	*160.13*	
		For Structural Composite Lumber Core (SCLC), Add	*96.08*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*25.62*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*115.29*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*160.13*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*256.20*	
		For >50 To 100, Deduct	*-20.50*	
		For >100, Deduct	*-29.11*	
08 14 16 00-0456	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	350.16	65.48
		For 7 Ply Cold Press Construction, Deduct	*-4.38*	
		For Stave Lumber Core (SLC), Add	*164.40*	
		For Structural Composite Lumber Core (SCLC), Add	*98.64*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*26.30*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*118.37*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*164.40*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*263.04*	
		For >50 To 100, Deduct	*-20.78*	
		For >100, Deduct	*-29.54*	
08 14 16 00-0457	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	361.53	68.33
		For 7 Ply Cold Press Construction, Deduct	*-4.50*	
		For Stave Lumber Core (SLC), Add	*168.66*	
		For Structural Composite Lumber Core (SCLC), Add	*101.20*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*26.99*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*121.44*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*168.66*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*269.86*	
		For >50 To 100, Deduct	*-21.49*	
		For >100, Deduct	*-30.53*	
08 14 16 00-0458	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	386.27	68.33
		For 7 Ply Cold Press Construction, Deduct	*-4.99*	
		For Stave Lumber Core (SLC), Add	*187.22*	
		For Structural Composite Lumber Core (SCLC), Add	*112.33*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*29.95*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*134.79*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*187.22*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*299.54*	
		For >50 To 100, Deduct	*-22.73*	
		For >100, Deduct	*-32.39*	
08 14 16 00-0459	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	445.42	71.17
		For 7 Ply Cold Press Construction, Deduct	*-6.06*	
		For Stave Lumber Core (SLC), Add	*227.30*	
		For Structural Composite Lumber Core (SCLC), Add	*136.38*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*36.37*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*163.66*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*227.30*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*363.68*	
		For >50 To 100, Deduct	*-25.83*	
		For >100, Deduct	*-36.97*	
08 14 16 00-0460	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	460.58	71.17
		For 7 Ply Cold Press Construction, Deduct	*-6.36*	
		For Stave Lumber Core (SLC), Add	*238.67*	
		For Structural Composite Lumber Core (SCLC), Add	*143.20*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*38.19*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*171.84*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*238.67*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*381.88*	
		For >50 To 100, Deduct	*-26.59*	
		For >100, Deduct	*-38.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0461	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	502.26	76.87
		For 7 Ply Cold Press Construction, Deduct	*-6.97*	
		For Stave Lumber Core (SLC), Add	*261.39*	
		For Structural Composite Lumber Core (SCLC), Add	*156.83*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*41.82*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*188.20*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*261.39*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*418.22*	
		For >50 To 100, Deduct	*-28.96*	
		For >100, Deduct	*-41.51*	
08 14 16 00-0462	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	383.80	62.63
		For 7 Ply Cold Press Construction, Deduct	*-5.17*	
		For Stave Lumber Core (SLC), Add	*193.90*	
		For Structural Composite Lumber Core (SCLC), Add	*116.34*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*31.02*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*139.61*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*193.90*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*310.24*	
		For >50 To 100, Deduct	*-22.32*	
		For >100, Deduct	*-31.92*	
		For 9' Door Height, Add	*54.29*	
08 14 16 00-0463	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	383.80	62.63
		For 7 Ply Cold Press Construction, Deduct	*-5.17*	
		For Stave Lumber Core (SLC), Add	*193.90*	
		For Structural Composite Lumber Core (SCLC), Add	*116.34*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*31.02*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*139.61*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*193.90*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*310.24*	
		For >50 To 100, Deduct	*-22.32*	
		For >100, Deduct	*-31.92*	
		For 9' Door Height, Add	*54.29*	
08 14 16 00-0464	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	375.88	65.48
		For 7 Ply Cold Press Construction, Deduct	*-4.90*	
		For Stave Lumber Core (SLC), Add	*183.69*	
		For Structural Composite Lumber Core (SCLC), Add	*110.21*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*29.39*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*132.26*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*183.69*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*293.90*	
		For >50 To 100, Deduct	*-22.07*	
		For >100, Deduct	*-31.47*	
		For 9' Door Height, Add	*51.43*	
08 14 16 00-0465	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	386.08	65.48
		For 7 Ply Cold Press Construction, Deduct	*-5.10*	
		For Stave Lumber Core (SLC), Add	*191.34*	
		For Structural Composite Lumber Core (SCLC), Add	*114.80*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*30.61*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*137.76*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*191.34*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*306.14*	
		For >50 To 100, Deduct	*-22.58*	
		For >100, Deduct	*-32.23*	
		For 9' Door Height, Add	*53.58*	
08 14 16 00-0466	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	392.90	65.48
		For 7 Ply Cold Press Construction, Deduct	*-5.24*	
		For Stave Lumber Core (SLC), Add	*196.46*	
		For Structural Composite Lumber Core (SCLC), Add	*117.87*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*31.43*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*141.45*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*196.46*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*314.33*	
		For >50 To 100, Deduct	*-22.92*	
		For >100, Deduct	*-32.74*	
		For 9' Door Height, Add	*55.01*	
08 14 16 00-0467	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	405.38	68.33
		For 7 Ply Cold Press Construction, Deduct	*-5.37*	
		For Stave Lumber Core (SLC), Add	*201.55*	
		For Structural Composite Lumber Core (SCLC), Add	*120.93*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*32.25*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*145.11*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*201.55*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*322.48*	
		For >50 To 100, Deduct	*-23.69*	
		For >100, Deduct	*-33.82*	
		For 9' Door Height, Add	*56.43*	
08 14 16 00-0468	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	434.94	68.33
		For 7 Ply Cold Press Construction, Deduct	*-5.97*	
		For Stave Lumber Core (SLC), Add	*223.72*	
		For Structural Composite Lumber Core (SCLC), Add	*134.23*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*35.79*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*161.08*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*223.72*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*357.95*	
		For >50 To 100, Deduct	*-25.16*	
		For >100, Deduct	*-36.04*	
		For 9' Door Height, Add	*62.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0469	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	504.51	71.17
		For 7 Ply Cold Press Construction, Deduct	*-7.24*	
		For Stave Lumber Core (SLC), Add	*271.62*	
		For Structural Composite Lumber Core (SCLC), Add	*162.97*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*43.46*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*195.57*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*271.62*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*434.59*	
		For >50 To 100, Deduct	*-28.78*	
		For >100, Deduct	*-41.40*	
		For 9' Door Height, Add	*76.05*	
08 14 16 00-0470	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	522.62	71.17
		For 7 Ply Cold Press Construction, Deduct	*-7.61*	
		For Stave Lumber Core (SLC), Add	*285.20*	
		For Structural Composite Lumber Core (SCLC), Add	*171.12*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*45.63*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*205.35*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*285.20*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*456.32*	
		For >50 To 100, Deduct	*-29.69*	
		For >100, Deduct	*-42.76*	
		For 9' Door Height, Add	*79.86*	
08 14 16 00-0471	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	570.22	76.87
		For 7 Ply Cold Press Construction, Deduct	*-8.33*	
		For Stave Lumber Core (SLC), Add	*312.36*	
		For Structural Composite Lumber Core (SCLC), Add	*187.42*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*49.98*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*224.90*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*312.36*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*499.78*	
		For >50 To 100, Deduct	*-32.35*	
		For >100, Deduct	*-46.61*	
		For 9' Door Height, Add	*87.46*	

08 14 16 00-0472 Oak Faced Wood Doors *(08 14 16 00-0440)*

08 14 16 00-0473	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	517.60	62.63
		For 7 Ply Cold Press Construction, Deduct	*-7.85*	
		For Stave Lumber Core (SLC), Add	*294.25*	
		For Structural Composite Lumber Core (SCLC), Add	*176.55*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*47.08*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*211.86*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*294.25*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*470.80*	
		For >50 To 100, Deduct	*-29.01*	
		For >100, Deduct	*-41.95*	
08 14 16 00-0474	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	517.60	62.63
		For 7 Ply Cold Press Construction, Deduct	*-7.85*	
		For Stave Lumber Core (SLC), Add	*294.25*	
		For Structural Composite Lumber Core (SCLC), Add	*176.55*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*47.08*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*211.86*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*294.25*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*470.80*	
		For >50 To 100, Deduct	*-29.01*	
		For >100, Deduct	*-41.95*	
08 14 16 00-0475	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	523.29	65.48
		For 7 Ply Cold Press Construction, Deduct	*-7.85*	
		For Stave Lumber Core (SLC), Add	*294.25*	
		For Structural Composite Lumber Core (SCLC), Add	*176.55*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*47.08*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*211.86*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*294.25*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*470.80*	
		For >50 To 100, Deduct	*-29.44*	
		For >100, Deduct	*-42.52*	
08 14 16 00-0476	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	527.32	65.48
		For 7 Ply Cold Press Construction, Deduct	*-7.93*	
		For Stave Lumber Core (SLC), Add	*297.27*	
		For Structural Composite Lumber Core (SCLC), Add	*178.36*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*47.56*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*214.03*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*297.27*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*475.63*	
		For >50 To 100, Deduct	*-29.64*	
		For >100, Deduct	*-42.82*	
08 14 16 00-0477	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	529.14	65.48
		For 7 Ply Cold Press Construction, Deduct	*-7.96*	
		For Stave Lumber Core (SLC), Add	*298.64*	
		For Structural Composite Lumber Core (SCLC), Add	*179.18*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*47.78*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*215.02*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*298.64*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*477.82*	
		For >50 To 100, Deduct	*-29.73*	
		For >100, Deduct	*-42.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0478	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	536.65	68.33
		For 7 Ply Cold Press Construction, Deduct	*-8.00*	
		For Stave Lumber Core (SLC), Add	*300.00*	
		For Structural Composite Lumber Core (SCLC), Add	*180.00*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*48.00*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*216.00*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*300.00*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*480.00*	
		For >50 To 100, Deduct	*-30.25*	
		For >100, Deduct	*-43.67*	
08 14 16 00-0479	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	580.59	68.33
		For 7 Ply Cold Press Construction, Deduct	*-8.88*	
		For Stave Lumber Core (SLC), Add	*332.96*	
		For Structural Composite Lumber Core (SCLC), Add	*199.77*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*53.27*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*239.73*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*332.96*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*532.73*	
		For >50 To 100, Deduct	*-32.45*	
		For >100, Deduct	*-46.96*	
08 14 16 00-0480	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	699.43	71.17
		For 7 Ply Cold Press Construction, Deduct	*-11.14*	
		For Stave Lumber Core (SLC), Add	*417.81*	
		For Structural Composite Lumber Core (SCLC), Add	*250.69*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*66.85*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*300.82*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*417.81*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*668.50*	
		For >50 To 100, Deduct	*-38.53*	
		For >100, Deduct	*-56.02*	
08 14 16 00-0481	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	727.67	71.17
		For 7 Ply Cold Press Construction, Deduct	*-11.71*	
		For Stave Lumber Core (SLC), Add	*438.99*	
		For Structural Composite Lumber Core (SCLC), Add	*263.39*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*70.24*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*316.07*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*438.99*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*702.38*	
		For >50 To 100, Deduct	*-39.94*	
		For >100, Deduct	*-58.13*	
08 14 16 00-0482	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	794.39	76.87
		For 7 Ply Cold Press Construction, Deduct	*-12.81*	
		For Stave Lumber Core (SLC), Add	*480.49*	
		For Structural Composite Lumber Core (SCLC), Add	*288.29*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*76.88*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*345.95*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*480.49*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*768.78*	
		For >50 To 100, Deduct	*-43.56*	
		For >100, Deduct	*-63.42*	
08 14 16 00-0483	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	540.42	62.63
		For 7 Ply Cold Press Construction, Deduct	*-8.30*	
		For Stave Lumber Core (SLC), Add	*311.36*	
		For Structural Composite Lumber Core (SCLC), Add	*186.82*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*49.82*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*224.18*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*311.36*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*498.18*	
		For >50 To 100, Deduct	*-30.15*	
		For >100, Deduct	*-43.66*	
08 14 16 00-0484	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	540.42	62.63
		For 7 Ply Cold Press Construction, Deduct	*-8.30*	
		For Stave Lumber Core (SLC), Add	*311.36*	
		For Structural Composite Lumber Core (SCLC), Add	*186.82*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*49.82*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*224.18*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*311.36*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*498.18*	
		For >50 To 100, Deduct	*-30.15*	
		For >100, Deduct	*-43.66*	
08 14 16 00-0485	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	546.11	65.48
		For 7 Ply Cold Press Construction, Deduct	*-8.30*	
		For Stave Lumber Core (SLC), Add	*311.36*	
		For Structural Composite Lumber Core (SCLC), Add	*186.82*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*49.82*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*224.18*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*311.36*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*498.18*	
		For >50 To 100, Deduct	*-30.58*	
		For >100, Deduct	*-44.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0486	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	550.37	65.48
		For 7 Ply Cold Press Construction, Deduct	*-8.39*	
		For Stave Lumber Core (SLC), Add	*314.56*	
		For Structural Composite Lumber Core (SCLC), Add	*188.73*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*50.33*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*226.48*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*314.56*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*503.29*	
		For >50 To 100, Deduct	*-30.79*	
		For >100, Deduct	*-44.55*	
08 14 16 00-0487	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	552.31	65.48
		For 7 Ply Cold Press Construction, Deduct	*-8.43*	
		For Stave Lumber Core (SLC), Add	*316.01*	
		For Structural Composite Lumber Core (SCLC), Add	*189.61*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*50.56*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*227.53*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*316.01*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*505.62*	
		For >50 To 100, Deduct	*-30.89*	
		For >100, Deduct	*-44.70*	
08 14 16 00-0488	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	559.94	68.33
		For 7 Ply Cold Press Construction, Deduct	*-8.47*	
		For Stave Lumber Core (SLC), Add	*317.47*	
		For Structural Composite Lumber Core (SCLC), Add	*190.48*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*50.79*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*228.58*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*317.47*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*507.95*	
		For >50 To 100, Deduct	*-31.41*	
		For >100, Deduct	*-45.41*	
08 14 16 00-0489	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	606.43	68.33
		For 7 Ply Cold Press Construction, Deduct	*-9.40*	
		For Stave Lumber Core (SLC), Add	*352.34*	
		For Structural Composite Lumber Core (SCLC), Add	*211.40*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*56.37*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*253.68*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*352.34*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*563.74*	
		For >50 To 100, Deduct	*-33.74*	
		For >100, Deduct	*-48.90*	
08 14 16 00-0490	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	731.86	71.17
		For 7 Ply Cold Press Construction, Deduct	*-11.79*	
		For Stave Lumber Core (SLC), Add	*442.13*	
		For Structural Composite Lumber Core (SCLC), Add	*265.28*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*70.74*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*318.34*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*442.13*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*707.41*	
		For >50 To 100, Deduct	*-40.15*	
		For >100, Deduct	*-58.45*	
08 14 16 00-0491	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	761.73	71.17
		For 7 Ply Cold Press Construction, Deduct	*-12.39*	
		For Stave Lumber Core (SLC), Add	*464.54*	
		For Structural Composite Lumber Core (SCLC), Add	*278.72*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*74.33*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*334.47*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*464.54*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*743.26*	
		For >50 To 100, Deduct	*-41.65*	
		For >100, Deduct	*-60.69*	
08 14 16 00-0492	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	831.66	76.87
		For 7 Ply Cold Press Construction, Deduct	*-13.56*	
		For Stave Lumber Core (SLC), Add	*508.44*	
		For Structural Composite Lumber Core (SCLC), Add	*305.06*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*81.35*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*366.08*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*508.44*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*813.50*	
		For >50 To 100, Deduct	*-45.43*	
		For >100, Deduct	*-66.22*	
08 14 16 00-0493	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	621.36	62.63
		For 7 Ply Cold Press Construction, Deduct	*-9.92*	
		For Stave Lumber Core (SLC), Add	*372.07*	
		For Structural Composite Lumber Core (SCLC), Add	*223.24*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*59.53*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*267.89*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*372.07*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*595.31*	
		For >50 To 100, Deduct	*-34.20*	
		For >100, Deduct	*-49.73*	
		For 9' Door Height, Add	*104.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0494	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	621.36	62.63
		For 7 Ply Cold Press Construction, Deduct	*-9.92*	
		For Stave Lumber Core (SLC), Add	*372.07*	
		For Structural Composite Lumber Core (SCLC), Add	*223.24*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*59.53*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*267.89*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*372.07*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*595.31*	
		For >50 To 100, Deduct	*-34.20*	
		For >100, Deduct	*-49.73*	
		For 9' Door Height, Add	*104.18*	
08 14 16 00-0495	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	627.05	65.48
		For 7 Ply Cold Press Construction, Deduct	*-9.92*	
		For Stave Lumber Core (SLC), Add	*372.07*	
		For Structural Composite Lumber Core (SCLC), Add	*223.24*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*59.53*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*267.89*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*372.07*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*595.31*	
		For >50 To 100, Deduct	*-34.63*	
		For >100, Deduct	*-50.30*	
		For 9' Door Height, Add	*104.18*	
08 14 16 00-0496	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	632.17	65.48
		For 7 Ply Cold Press Construction, Deduct	*-10.02*	
		For Stave Lumber Core (SLC), Add	*375.91*	
		For Structural Composite Lumber Core (SCLC), Add	*225.54*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*60.15*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*270.65*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*375.91*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*601.45*	
		For >50 To 100, Deduct	*-34.88*	
		For >100, Deduct	*-50.69*	
		For 9' Door Height, Add	*105.25*	
08 14 16 00-0497	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	634.49	65.48
		For 7 Ply Cold Press Construction, Deduct	*-10.07*	
		For Stave Lumber Core (SLC), Add	*377.65*	
		For Structural Composite Lumber Core (SCLC), Add	*226.59*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*60.42*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*271.91*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*377.65*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*604.24*	
		For >50 To 100, Deduct	*-35.00*	
		For >100, Deduct	*-50.86*	
		For 9' Door Height, Add	*105.74*	
08 14 16 00-0498	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	642.47	68.33
		For 7 Ply Cold Press Construction, Deduct	*-10.12*	
		For Stave Lumber Core (SLC), Add	*379.37*	
		For Structural Composite Lumber Core (SCLC), Add	*227.62*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*60.70*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*273.14*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*379.37*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*606.98*	
		For >50 To 100, Deduct	*-35.54*	
		For >100, Deduct	*-51.60*	
		For 9' Door Height, Add	*106.22*	
08 14 16 00-0499	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	698.03	68.33
		For 7 Ply Cold Press Construction, Deduct	*-11.23*	
		For Stave Lumber Core (SLC), Add	*421.04*	
		For Structural Composite Lumber Core (SCLC), Add	*252.62*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*67.37*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*303.15*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*421.04*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*673.66*	
		For >50 To 100, Deduct	*-38.32*	
		For >100, Deduct	*-55.77*	
		For 9' Door Height, Add	*117.89*	
08 14 16 00-0500	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	846.81	71.17
		For 7 Ply Cold Press Construction, Deduct	*-14.09*	
		For Stave Lumber Core (SLC), Add	*528.35*	
		For Structural Composite Lumber Core (SCLC), Add	*317.01*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*84.54*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*380.41*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*528.35*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*845.35*	
		For >50 To 100, Deduct	*-45.90*	
		For >100, Deduct	*-67.07*	
		For 9' Door Height, Add	*147.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0501	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	882.50	71.17
		For 7 Ply Cold Press Construction, Deduct	*-14.80*	
		For Stave Lumber Core (SLC), Add	*555.11*	
		For Structural Composite Lumber Core (SCLC), Add	*333.07*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*88.82*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*399.68*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*555.11*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*888.18*	
		For >50 To 100, Deduct	*-47.68*	
		For >100, Deduct	*-69.75*	
		For 9' Door Height, Add	*155.43*	
08 14 16 00-0502	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	963.86	76.87
		For 7 Ply Cold Press Construction, Deduct	*-16.20*	
		For Stave Lumber Core (SLC), Add	*607.59*	
		For Structural Composite Lumber Core (SCLC), Add	*364.55*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*97.21*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*437.46*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*607.59*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*972.14*	
		For >50 To 100, Deduct	*-52.04*	
		For >100, Deduct	*-76.13*	
		For 9' Door Height, Add	*170.13*	

08 14 16 00-0503 Maple Faced Wood Doors *(08 14 16 00-0440)*

08 14 16 00-0504	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	456.64	62.63
		For 7 Ply Cold Press Construction, Deduct	*-6.63*	
		For Stave Lumber Core (SLC), Add	*248.53*	
		For Structural Composite Lumber Core (SCLC), Add	*149.12*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*39.76*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*178.94*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*248.53*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*397.64*	
		For >50 To 100, Deduct	*-25.96*	
		For >100, Deduct	*-37.38*	
08 14 16 00-0505	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	456.64	62.63
		For 7 Ply Cold Press Construction, Deduct	*-6.63*	
		For Stave Lumber Core (SLC), Add	*248.53*	
		For Structural Composite Lumber Core (SCLC), Add	*149.12*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*39.76*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*178.94*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*248.53*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*397.64*	
		For >50 To 100, Deduct	*-25.96*	
		For >100, Deduct	*-37.38*	
08 14 16 00-0506	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	462.33	65.48
		For 7 Ply Cold Press Construction, Deduct	*-6.63*	
		For Stave Lumber Core (SLC), Add	*248.53*	
		For Structural Composite Lumber Core (SCLC), Add	*149.12*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*39.76*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*178.94*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*248.53*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*397.64*	
		For >50 To 100, Deduct	*-26.39*	
		For >100, Deduct	*-37.95*	
08 14 16 00-0507	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	465.74	65.48
		For 7 Ply Cold Press Construction, Deduct	*-6.70*	
		For Stave Lumber Core (SLC), Add	*251.09*	
		For Structural Composite Lumber Core (SCLC), Add	*150.65*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*40.17*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*180.78*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*251.09*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*401.74*	
		For >50 To 100, Deduct	*-26.56*	
		For >100, Deduct	*-38.20*	
08 14 16 00-0508	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	467.27	65.48
		For 7 Ply Cold Press Construction, Deduct	*-6.73*	
		For Stave Lumber Core (SLC), Add	*252.23*	
		For Structural Composite Lumber Core (SCLC), Add	*151.34*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*40.36*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*181.61*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*252.23*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*403.57*	
		For >50 To 100, Deduct	*-26.64*	
		For >100, Deduct	*-38.32*	
08 14 16 00-0509	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	474.51	68.33
		For 7 Ply Cold Press Construction, Deduct	*-6.76*	
		For Stave Lumber Core (SLC), Add	*253.40*	
		For Structural Composite Lumber Core (SCLC), Add	*152.04*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*40.54*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*182.44*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*253.40*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*405.43*	
		For >50 To 100, Deduct	*-27.14*	
		For >100, Deduct	*-39.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0510	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	511.63	68.33
		For 7 Ply Cold Press Construction, Deduct	*-7.50*	
		For Stave Lumber Core (SLC), Add	*281.24*	
		For Structural Composite Lumber Core (SCLC), Add	*168.74*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*45.00*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*202.49*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*281.24*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*449.98*	
		For >50 To 100, Deduct	*-29.00*	
		For >100, Deduct	*-41.79*	
08 14 16 00-0511	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	589.35	71.17
		For 7 Ply Cold Press Construction, Deduct	*-8.94*	
		For Stave Lumber Core (SLC), Add	*335.25*	
		For Structural Composite Lumber Core (SCLC), Add	*201.15*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*53.64*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*241.38*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*335.25*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*536.40*	
		For >50 To 100, Deduct	*-33.03*	
		For >100, Deduct	*-47.76*	
08 14 16 00-0512	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	636.39	71.17
		For 7 Ply Cold Press Construction, Deduct	*-9.88*	
		For Stave Lumber Core (SLC), Add	*370.53*	
		For Structural Composite Lumber Core (SCLC), Add	*222.32*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*59.28*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*266.78*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*370.53*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*592.85*	
		For >50 To 100, Deduct	*-35.38*	
		For >100, Deduct	*-51.29*	
08 14 16 00-0513	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	683.49	71.17
		For 7 Ply Cold Press Construction, Deduct	*-10.82*	
		For Stave Lumber Core (SLC), Add	*405.86*	
		For Structural Composite Lumber Core (SCLC), Add	*243.51*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*64.94*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*292.22*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*405.86*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*649.37*	
		For >50 To 100, Deduct	*-37.73*	
		For >100, Deduct	*-54.82*	
08 14 16 00-0514	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	475.92	62.63
		For 7 Ply Cold Press Construction, Deduct	*-7.01*	
		For Stave Lumber Core (SLC), Add	*262.99*	
		For Structural Composite Lumber Core (SCLC), Add	*157.79*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*42.08*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*189.35*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*262.99*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*420.78*	
		For >50 To 100, Deduct	*-26.93*	
		For >100, Deduct	*-38.83*	
08 14 16 00-0515	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	475.92	62.63
		For 7 Ply Cold Press Construction, Deduct	*-7.01*	
		For Stave Lumber Core (SLC), Add	*262.99*	
		For Structural Composite Lumber Core (SCLC), Add	*157.79*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*42.08*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*189.35*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*262.99*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*420.78*	
		For >50 To 100, Deduct	*-26.93*	
		For >100, Deduct	*-38.83*	
08 14 16 00-0516	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	481.61	65.48
		For 7 Ply Cold Press Construction, Deduct	*-7.01*	
		For Stave Lumber Core (SLC), Add	*262.99*	
		For Structural Composite Lumber Core (SCLC), Add	*157.79*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*42.08*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*189.35*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*262.99*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*420.78*	
		For >50 To 100, Deduct	*-27.35*	
		For >100, Deduct	*-39.39*	
08 14 16 00-0517	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	485.21	65.48
		For 7 Ply Cold Press Construction, Deduct	*-7.09*	
		For Stave Lumber Core (SLC), Add	*265.69*	
		For Structural Composite Lumber Core (SCLC), Add	*159.41*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*42.51*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*191.30*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*265.69*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*425.10*	
		For >50 To 100, Deduct	*-27.53*	
		For >100, Deduct	*-39.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0518	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	486.85	65.48
		For 7 Ply Cold Press Construction, Deduct	*-7.12*	
		For Stave Lumber Core (SLC), Add	*266.92*	
		For Structural Composite Lumber Core (SCLC), Add	*160.15*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*42.71*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*192.18*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*266.92*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*427.07*	
		For >50 To 100, Deduct	*-27.62*	
		For >100, Deduct	*-39.79*	
08 14 16 00-0519	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	494.17	68.33
		For 7 Ply Cold Press Construction, Deduct	*-7.15*	
		For Stave Lumber Core (SLC), Add	*268.14*	
		For Structural Composite Lumber Core (SCLC), Add	*160.88*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*42.90*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*193.06*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*268.14*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*429.02*	
		For >50 To 100, Deduct	*-28.12*	
		For >100, Deduct	*-40.48*	
08 14 16 00-0520	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	533.44	68.33
		For 7 Ply Cold Press Construction, Deduct	*-7.94*	
		For Stave Lumber Core (SLC), Add	*297.59*	
		For Structural Composite Lumber Core (SCLC), Add	*178.56*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*47.61*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*214.27*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*297.59*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*476.15*	
		For >50 To 100, Deduct	*-30.09*	
		For >100, Deduct	*-43.42*	
08 14 16 00-0521	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	615.37	71.17
		For 7 Ply Cold Press Construction, Deduct	*-9.46*	
		For Stave Lumber Core (SLC), Add	*354.77*	
		For Structural Composite Lumber Core (SCLC), Add	*212.86*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*56.76*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*255.43*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*354.77*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*567.62*	
		For >50 To 100, Deduct	*-34.33*	
		For >100, Deduct	*-49.71*	
08 14 16 00-0522	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	665.16	71.17
		For 7 Ply Cold Press Construction, Deduct	*-10.46*	
		For Stave Lumber Core (SLC), Add	*392.11*	
		For Structural Composite Lumber Core (SCLC), Add	*235.26*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*62.74*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*282.32*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*392.11*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*627.37*	
		For >50 To 100, Deduct	*-36.82*	
		For >100, Deduct	*-53.45*	
08 14 16 00-0523	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	714.99	71.17
		For 7 Ply Cold Press Construction, Deduct	*-11.45*	
		For Stave Lumber Core (SLC), Add	*429.48*	
		For Structural Composite Lumber Core (SCLC), Add	*257.69*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*68.72*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*309.23*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*429.48*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*687.17*	
		For >50 To 100, Deduct	*-39.31*	
		For >100, Deduct	*-57.18*	
08 14 16 00-0524	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	544.29	62.63
		For 7 Ply Cold Press Construction, Deduct	*-8.38*	
		For Stave Lumber Core (SLC), Add	*314.27*	
		For Structural Composite Lumber Core (SCLC), Add	*188.56*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*50.28*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*226.27*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*314.27*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*502.82*	
		For >50 To 100, Deduct	*-30.35*	
		For >100, Deduct	*-43.95*	
		For 9' Door Height, Add	*87.99*	
08 14 16 00-0525	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	544.29	62.63
		For 7 Ply Cold Press Construction, Deduct	*-8.38*	
		For Stave Lumber Core (SLC), Add	*314.27*	
		For Structural Composite Lumber Core (SCLC), Add	*188.56*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*50.28*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*226.27*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*314.27*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*502.82*	
		For >50 To 100, Deduct	*-30.35*	
		For >100, Deduct	*-43.95*	
		For 9' Door Height, Add	*87.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0526	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	549.98	65.48
		For 7 Ply Cold Press Construction, Deduct	*-8.38*	
		For Stave Lumber Core (SLC), Add	*314.27*	
		For Structural Composite Lumber Core (SCLC), Add	*188.56*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*50.28*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*226.27*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*314.27*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*502.82*	
		For >50 To 100, Deduct	*-30.77*	
		For >100, Deduct	*-44.52*	
		For 9' Door Height, Add	*87.99*	
08 14 16 00-0527	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	554.29	65.48
		For 7 Ply Cold Press Construction, Deduct	*-8.47*	
		For Stave Lumber Core (SLC), Add	*317.50*	
		For Structural Composite Lumber Core (SCLC), Add	*190.50*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*50.80*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*228.60*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*317.50*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*508.00*	
		For >50 To 100, Deduct	*-30.99*	
		For >100, Deduct	*-44.85*	
		For 9' Door Height, Add	*88.90*	
08 14 16 00-0528	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	556.25	65.48
		For 7 Ply Cold Press Construction, Deduct	*-8.51*	
		For Stave Lumber Core (SLC), Add	*318.97*	
		For Structural Composite Lumber Core (SCLC), Add	*191.38*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*51.03*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*229.66*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*318.97*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*510.35*	
		For >50 To 100, Deduct	*-31.09*	
		For >100, Deduct	*-44.99*	
		For 9' Door Height, Add	*89.31*	
08 14 16 00-0529	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	563.88	68.33
		For 7 Ply Cold Press Construction, Deduct	*-8.54*	
		For Stave Lumber Core (SLC), Add	*320.42*	
		For Structural Composite Lumber Core (SCLC), Add	*192.25*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*51.27*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*230.70*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*320.42*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*512.68*	
		For >50 To 100, Deduct	*-31.61*	
		For >100, Deduct	*-45.71*	
		For 9' Door Height, Add	*89.72*	
08 14 16 00-0530	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	610.81	68.33
		For 7 Ply Cold Press Construction, Deduct	*-9.48*	
		For Stave Lumber Core (SLC), Add	*355.62*	
		For Structural Composite Lumber Core (SCLC), Add	*213.37*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*56.90*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*256.05*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*355.62*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*568.99*	
		For >50 To 100, Deduct	*-33.96*	
		For >100, Deduct	*-49.23*	
		For 9' Door Height, Add	*99.57*	
08 14 16 00-0531	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	707.60	71.17
		For 7 Ply Cold Press Construction, Deduct	*-11.31*	
		For Stave Lumber Core (SLC), Add	*423.94*	
		For Structural Composite Lumber Core (SCLC), Add	*254.36*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*67.83*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*305.24*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*423.94*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*678.30*	
		For >50 To 100, Deduct	*-38.94*	
		For >100, Deduct	*-56.63*	
		For 9' Door Height, Add	*118.70*	
08 14 16 00-0532	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	767.10	71.17
		For 7 Ply Cold Press Construction, Deduct	*-12.50*	
		For Stave Lumber Core (SLC), Add	*468.56*	
		For Structural Composite Lumber Core (SCLC), Add	*281.14*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*74.97*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*337.37*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*468.56*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*749.70*	
		For >50 To 100, Deduct	*-41.91*	
		For >100, Deduct	*-61.09*	
		For 9' Door Height, Add	*131.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0533	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	826.63	71.17
		For 7 Ply Cold Press Construction, Deduct	*-13.69*	
		For Stave Lumber Core (SLC), Add	*513.21*	
		For Structural Composite Lumber Core (SCLC), Add	*307.93*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*82.11*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*369.51*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*513.21*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*821.14*	
		For >50 To 100, Deduct	*-44.89*	
		For >100, Deduct	*-65.56*	
		For 9' Door Height, Add	*143.70*	

08 14 16 00-0534 Walnut Faced Wood Doors *(08 14 16 00-0440)*

08 14 16 00-0535	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	727.21	62.63
		For 7 Ply Cold Press Construction, Deduct	*-12.04*	
		For Stave Lumber Core (SLC), Add	*451.46*	
		For Structural Composite Lumber Core (SCLC), Add	*270.87*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*72.23*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*325.05*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*451.46*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*722.33*	
		For >50 To 100, Deduct	*-39.49*	
		For >100, Deduct	*-57.67*	
08 14 16 00-0536	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	727.21	62.63
		For 7 Ply Cold Press Construction, Deduct	*-12.04*	
		For Stave Lumber Core (SLC), Add	*451.46*	
		For Structural Composite Lumber Core (SCLC), Add	*270.87*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*72.23*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*325.05*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*451.46*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*722.33*	
		For >50 To 100, Deduct	*-39.49*	
		For >100, Deduct	*-57.67*	
08 14 16 00-0537	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	733.10	65.48
		For 7 Ply Cold Press Construction, Deduct	*-12.04*	
		For Stave Lumber Core (SLC), Add	*451.61*	
		For Structural Composite Lumber Core (SCLC), Add	*270.96*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*72.26*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*325.16*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*451.61*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*722.57*	
		For >50 To 100, Deduct	*-39.93*	
		For >100, Deduct	*-58.26*	
08 14 16 00-0538	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	739.30	65.48
		For 7 Ply Cold Press Construction, Deduct	*-12.17*	
		For Stave Lumber Core (SLC), Add	*456.26*	
		For Structural Composite Lumber Core (SCLC), Add	*273.75*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*73.00*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*328.50*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*456.26*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*730.01*	
		For >50 To 100, Deduct	*-40.24*	
		For >100, Deduct	*-58.72*	
08 14 16 00-0539	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	755.53	65.48
		For 7 Ply Cold Press Construction, Deduct	*-12.49*	
		For Stave Lumber Core (SLC), Add	*468.43*	
		For Structural Composite Lumber Core (SCLC), Add	*281.06*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*74.95*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*337.27*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*468.43*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*749.48*	
		For >50 To 100, Deduct	*-41.05*	
		For >100, Deduct	*-59.94*	
08 14 16 00-0540	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	777.41	68.33
		For 7 Ply Cold Press Construction, Deduct	*-12.82*	
		For Stave Lumber Core (SLC), Add	*480.57*	
		For Structural Composite Lumber Core (SCLC), Add	*288.34*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*76.89*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*346.01*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*480.57*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*768.91*	
		For >50 To 100, Deduct	*-42.29*	
		For >100, Deduct	*-61.72*	
08 14 16 00-0541	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	819.49	68.33
		For 7 Ply Cold Press Construction, Deduct	*-13.66*	
		For Stave Lumber Core (SLC), Add	*512.13*	
		For Structural Composite Lumber Core (SCLC), Add	*307.28*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*81.94*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*368.73*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*512.13*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*819.41*	
		For >50 To 100, Deduct	*-44.39*	
		For >100, Deduct	*-64.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0542	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	1,002.80	71.17
		For 7 Ply Cold Press Construction, Deduct	*-17.21*	
		For Stave Lumber Core (SLC), Add	*645.34*	
		For Structural Composite Lumber Core (SCLC), Add	*387.20*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*103.25*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*464.64*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*645.34*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*1,032.54*	
		For >50 To 100, Deduct	*-53.70*	
		For >100, Deduct	*-78.77*	
08 14 16 00-0543	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	1,045.81	71.17
		For 7 Ply Cold Press Construction, Deduct	*-18.07*	
		For Stave Lumber Core (SLC), Add	*677.60*	
		For Structural Composite Lumber Core (SCLC), Add	*406.56*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*108.42*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*487.87*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*677.60*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*1,084.15*	
		For >50 To 100, Deduct	*-55.85*	
		For >100, Deduct	*-81.99*	
08 14 16 00-0544	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	1,131.90	71.17
		For 7 Ply Cold Press Construction, Deduct	*-19.79*	
		For Stave Lumber Core (SLC), Add	*742.16*	
		For Structural Composite Lumber Core (SCLC), Add	*445.30*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*118.75*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*534.36*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*742.16*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*1,187.46*	
		For >50 To 100, Deduct	*-60.15*	
		For >100, Deduct	*-88.45*	
08 14 16 00-0545	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	762.24	62.63
		For 7 Ply Cold Press Construction, Deduct	*-12.74*	
		For Stave Lumber Core (SLC), Add	*477.73*	
		For Structural Composite Lumber Core (SCLC), Add	*286.64*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*76.44*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*343.96*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*477.73*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*764.36*	
		For >50 To 100, Deduct	*-41.24*	
		For >100, Deduct	*-60.30*	
08 14 16 00-0546	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	762.24	62.63
		For 7 Ply Cold Press Construction, Deduct	*-12.74*	
		For Stave Lumber Core (SLC), Add	*477.73*	
		For Structural Composite Lumber Core (SCLC), Add	*286.64*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*76.44*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*343.96*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*477.73*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*764.36*	
		For >50 To 100, Deduct	*-41.24*	
		For >100, Deduct	*-60.30*	
08 14 16 00-0547	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	768.12	65.48
		For 7 Ply Cold Press Construction, Deduct	*-12.74*	
		For Stave Lumber Core (SLC), Add	*477.87*	
		For Structural Composite Lumber Core (SCLC), Add	*286.72*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*76.46*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*344.07*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*477.87*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*764.59*	
		For >50 To 100, Deduct	*-41.68*	
		For >100, Deduct	*-60.88*	
08 14 16 00-0548	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	774.71	65.48
		For 7 Ply Cold Press Construction, Deduct	*-12.88*	
		For Stave Lumber Core (SLC), Add	*482.81*	
		For Structural Composite Lumber Core (SCLC), Add	*289.69*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*77.25*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*347.63*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*482.81*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*772.50*	
		For >50 To 100, Deduct	*-42.01*	
		For >100, Deduct	*-61.38*	
08 14 16 00-0549	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	791.87	65.48
		For 7 Ply Cold Press Construction, Deduct	*-13.22*	
		For Stave Lumber Core (SLC), Add	*495.68*	
		For Structural Composite Lumber Core (SCLC), Add	*297.41*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*79.31*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*356.89*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*495.68*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*793.09*	
		For >50 To 100, Deduct	*-42.87*	
		For >100, Deduct	*-62.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0550	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	814.69	68.33
		For 7 Ply Cold Press Construction, Deduct	*-13.56*	
		For Stave Lumber Core (SLC), Add	*508.53*	
		For Structural Composite Lumber Core (SCLC), Add	*305.12*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*81.36*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*366.14*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*508.53*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*813.65*	
		For >50 To 100, Deduct	*-44.15*	
		For >100, Deduct	*-64.52*	
08 14 16 00-0551	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	859.24	68.33
		For 7 Ply Cold Press Construction, Deduct	*-14.45*	
		For Stave Lumber Core (SLC), Add	*541.94*	
		For Structural Composite Lumber Core (SCLC), Add	*325.17*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*86.71*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*390.20*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*541.94*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*867.11*	
		For >50 To 100, Deduct	*-46.38*	
		For >100, Deduct	*-67.86*	
08 14 16 00-0552	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	1,052.86	71.17
		For 7 Ply Cold Press Construction, Deduct	*-18.21*	
		For Stave Lumber Core (SLC), Add	*682.88*	
		For Structural Composite Lumber Core (SCLC), Add	*409.73*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*109.26*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*491.68*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*682.88*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*1,092.61*	
		For >50 To 100, Deduct	*-56.20*	
		For >100, Deduct	*-82.52*	
08 14 16 00-0553	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	1,098.38	71.17
		For 7 Ply Cold Press Construction, Deduct	*-19.12*	
		For Stave Lumber Core (SLC), Add	*717.02*	
		For Structural Composite Lumber Core (SCLC), Add	*430.21*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*114.72*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*516.26*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*717.02*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*1,147.24*	
		For >50 To 100, Deduct	*-58.48*	
		For >100, Deduct	*-85.94*	
08 14 16 00-0554	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	1,189.47	71.17
		For 7 Ply Cold Press Construction, Deduct	*-20.94*	
		For Stave Lumber Core (SLC), Add	*785.34*	
		For Structural Composite Lumber Core (SCLC), Add	*471.20*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*125.65*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*565.44*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*785.34*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*1,256.54*	
		For >50 To 100, Deduct	*-63.03*	
		For >100, Deduct	*-92.77*	
08 14 16 00-0555	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	886.45	62.63
		For 7 Ply Cold Press Construction, Deduct	*-15.22*	
		For Stave Lumber Core (SLC), Add	*570.89*	
		For Structural Composite Lumber Core (SCLC), Add	*342.53*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*91.34*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*411.04*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*570.89*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*913.42*	
		For >50 To 100, Deduct	*-47.45*	
		For >100, Deduct	*-69.62*	
		For 9' Door Height, Add	*159.85*	
08 14 16 00-0556	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	886.45	62.63
		For 7 Ply Cold Press Construction, Deduct	*-15.22*	
		For Stave Lumber Core (SLC), Add	*570.89*	
		For Structural Composite Lumber Core (SCLC), Add	*342.53*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*91.34*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*411.04*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*570.89*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*913.42*	
		For >50 To 100, Deduct	*-47.45*	
		For >100, Deduct	*-69.62*	
		For 9' Door Height, Add	*159.85*	
08 14 16 00-0557	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	892.38	65.48
		For 7 Ply Cold Press Construction, Deduct	*-15.23*	
		For Stave Lumber Core (SLC), Add	*571.07*	
		For Structural Composite Lumber Core (SCLC), Add	*342.64*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*91.37*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*411.17*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*571.07*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*913.70*	
		For >50 To 100, Deduct	*-47.89*	
		For >100, Deduct	*-70.20*	
		For 9' Door Height, Add	*159.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0558	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	900.24	65.48
		For 7 Ply Cold Press Construction, Deduct	*-15.39*	
		For Stave Lumber Core (SLC), Add	*576.96*	
		For Structural Composite Lumber Core (SCLC), Add	*346.18*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*92.31*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*415.41*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*576.96*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*923.14*	
		For >50 To 100, Deduct	*-48.29*	
		For >100, Deduct	*-70.79*	
		For 9' Door Height, Add	*161.55*	
08 14 16 00-0559	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	920.74	65.48
		For 7 Ply Cold Press Construction, Deduct	*-15.80*	
		For Stave Lumber Core (SLC), Add	*592.34*	
		For Structural Composite Lumber Core (SCLC), Add	*355.40*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*94.77*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*426.48*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*592.34*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*947.74*	
		For >50 To 100, Deduct	*-49.31*	
		For >100, Deduct	*-72.33*	
		For 9' Door Height, Add	*165.85*	
08 14 16 00-0560	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	946.92	68.33
		For 7 Ply Cold Press Construction, Deduct	*-16.21*	
		For Stave Lumber Core (SLC), Add	*607.70*	
		For Structural Composite Lumber Core (SCLC), Add	*364.62*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*97.23*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*437.55*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*607.70*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*972.32*	
		For >50 To 100, Deduct	*-50.76*	
		For >100, Deduct	*-74.44*	
		For 9' Door Height, Add	*170.16*	
08 14 16 00-0561	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	1,000.16	68.33
		For 7 Ply Cold Press Construction, Deduct	*-17.27*	
		For Stave Lumber Core (SLC), Add	*647.63*	
		For Structural Composite Lumber Core (SCLC), Add	*388.58*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*103.62*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*466.30*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*647.63*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*1,036.21*	
		For >50 To 100, Deduct	*-53.42*	
		For >100, Deduct	*-78.43*	
		For 9' Door Height, Add	*181.34*	
08 14 16 00-0562	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	1,230.43	71.17
		For 7 Ply Cold Press Construction, Deduct	*-21.76*	
		For Stave Lumber Core (SLC), Add	*816.06*	
		For Structural Composite Lumber Core (SCLC), Add	*489.64*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*130.57*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*587.56*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*816.06*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*1,305.70*	
		For >50 To 100, Deduct	*-65.08*	
		For >100, Deduct	*-95.84*	
		For 9' Door Height, Add	*228.50*	
08 14 16 00-0563	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	1,284.82	71.17
		For 7 Ply Cold Press Construction, Deduct	*-22.85*	
		For Stave Lumber Core (SLC), Add	*856.85*	
		For Structural Composite Lumber Core (SCLC), Add	*514.11*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*137.10*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*616.93*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*856.85*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*1,370.96*	
		For >50 To 100, Deduct	*-67.80*	
		For >100, Deduct	*-99.92*	
		For 9' Door Height, Add	*239.92*	
08 14 16 00-0564	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	1,393.66	71.17
		For 7 Ply Cold Press Construction, Deduct	*-25.03*	
		For Stave Lumber Core (SLC), Add	*938.48*	
		For Structural Composite Lumber Core (SCLC), Add	*563.09*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*150.16*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*675.71*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*938.48*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*1,501.57*	
		For >50 To 100, Deduct	*-73.24*	
		For >100, Deduct	*-108.08*	
		For 9' Door Height, Add	*262.78*	
08 14 16 00-0565		Lauan Faced Wood Doors *(08 14 16 00-0440)*		
08 14 16 00-0566	EA	2'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	280.78	62.63
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*18.66*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*83.98*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*116.63*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*186.61*	
		For >50 To 100, Deduct	*-17.17*	
		For >100, Deduct	*-24.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0567	EA	2'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	280.78	62.63
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*18.66*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*83.98*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*116.63*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*186.61*	
		For >50 To 100, Deduct	*-17.17*	
		For >100, Deduct	*-24.19*	
08 14 16 00-0568	EA	2'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	286.92	65.48
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*18.72*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*84.22*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*116.97*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*187.15*	
		For >50 To 100, Deduct	*-17.62*	
		For >100, Deduct	*-24.79*	
08 14 16 00-0569	EA	2'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	291.40	65.48
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*19.25*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*86.64*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*120.33*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*192.53*	
		For >50 To 100, Deduct	*-17.84*	
		For >100, Deduct	*-25.13*	
08 14 16 00-0570	EA	2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	293.02	65.48
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*19.45*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*87.51*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*121.55*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*194.47*	
		For >50 To 100, Deduct	*-17.93*	
		For >100, Deduct	*-25.25*	
08 14 16 00-0571	EA	3'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	300.33	68.33
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*19.64*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*88.39*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*122.76*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*196.42*	
		For >50 To 100, Deduct	*-18.43*	
		For >100, Deduct	*-25.94*	
08 14 16 00-0572	EA	3'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	315.12	68.33
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*21.42*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*96.37*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*133.85*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*214.16*	
		For >50 To 100, Deduct	*-19.17*	
		For >100, Deduct	*-27.05*	
08 14 16 00-0573	EA	3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	333.55	71.17
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*22.94*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*103.25*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*143.40*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*229.44*	
		For >50 To 100, Deduct	*-20.24*	
		For >100, Deduct	*-28.58*	
08 14 16 00-0574	EA	3'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	343.11	71.17
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*24.09*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*108.41*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*150.57*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*240.91*	
		For >50 To 100, Deduct	*-20.71*	
		For >100, Deduct	*-29.29*	
08 14 16 00-0575	EA	4'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	362.24	71.17
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*26.39*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*118.74*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*164.92*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*263.87*	
		For >50 To 100, Deduct	*-21.67*	
		For >100, Deduct	*-30.73*	
08 14 16 00-0576	EA	2'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	289.82	62.63
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*19.75*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*88.86*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*123.41*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*197.46*	
		For >50 To 100, Deduct	*-17.62*	
		For >100, Deduct	*-24.87*	
08 14 16 00-0577	EA	2'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	289.82	62.63
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*19.75*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*88.86*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*123.41*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*197.46*	
		For >50 To 100, Deduct	*-17.62*	
		For >100, Deduct	*-24.87*	
08 14 16 00-0578	EA	2'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	295.99	65.48
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*19.80*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*89.12*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*123.77*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*198.04*	
		For >50 To 100, Deduct	*-18.07*	
		For >100, Deduct	*-25.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0579	EA	2'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	300.73	65.48
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*20.37*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*91.68*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*127.33*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*203.72*	
		For >50 To 100, Deduct	*-18.31*	
		For >100, Deduct	*-25.83*	
08 14 16 00-0580	EA	2'-10" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	302.46	65.48
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*20.58*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*92.61*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*128.63*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*205.80*	
		For >50 To 100, Deduct	*-18.40*	
		For >100, Deduct	*-25.96*	
08 14 16 00-0581	EA	3'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	309.85	68.33
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*20.78*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*93.53*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*129.90*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*207.84*	
		For >50 To 100, Deduct	*-18.91*	
		For >100, Deduct	*-26.66*	
08 14 16 00-0582	EA	3'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	325.50	68.33
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*22.66*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*101.98*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*141.64*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*226.62*	
		For >50 To 100, Deduct	*-19.69*	
		For >100, Deduct	*-27.83*	
08 14 16 00-0583	EA	3'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	344.68	71.17
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*24.28*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*109.26*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*151.75*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*242.80*	
		For >50 To 100, Deduct	*-20.79*	
		For >100, Deduct	*-29.41*	
08 14 16 00-0584	EA	3'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	354.79	71.17
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*25.49*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*114.72*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*159.33*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*254.93*	
		For >50 To 100, Deduct	*-21.30*	
		For >100, Deduct	*-30.17*	
08 14 16 00-0585	EA	4'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	375.04	71.17
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*27.92*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*125.65*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*174.52*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*279.23*	
		For >50 To 100, Deduct	*-22.31*	
		For >100, Deduct	*-31.69*	
08 14 16 00-0586	EA	2'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	321.89	62.63
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*23.59*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*106.17*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*147.47*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*235.94*	
		For >50 To 100, Deduct	*-19.23*	
		For >100, Deduct	*-27.27*	
		For 9' Door Height, Add	*41.29*	
08 14 16 00-0587	EA	2'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	321.89	62.63
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*23.59*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*106.17*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*147.47*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*235.94*	
		For >50 To 100, Deduct	*-19.23*	
		For >100, Deduct	*-27.27*	
		For 9' Door Height, Add	*41.29*	
08 14 16 00-0588	EA	2'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	328.16	65.48
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*23.66*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*106.49*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*147.90*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*236.64*	
		For >50 To 100, Deduct	*-19.68*	
		For >100, Deduct	*-27.89*	
		For 9' Door Height, Add	*41.41*	
08 14 16 00-0589	EA	2'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	333.84	65.48
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*24.35*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*109.56*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*152.16*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*243.46*	
		For >50 To 100, Deduct	*-19.97*	
		For >100, Deduct	*-28.31*	
		For 9' Door Height, Add	*42.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0590	EA	2'-10" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	335.90	65.48
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*24.59*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*110.67*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*153.71*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*245.93*	
		For >50 To 100, Deduct	*-20.07*	
		For >100, Deduct	*-28.47*	
		For 9' Door Height, Add	*43.04*	
08 14 16 00-0591	EA	3'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	343.64	68.33
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*24.84*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*111.77*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*155.24*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*248.39*	
		For >50 To 100, Deduct	*-20.60*	
		For >100, Deduct	*-29.19*	
		For 9' Door Height, Add	*43.47*	
08 14 16 00-0592	EA	3'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	362.34	68.33
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*27.08*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*121.87*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*169.27*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*270.83*	
		For >50 To 100, Deduct	*-21.53*	
		For >100, Deduct	*-30.59*	
		For 9' Door Height, Add	*47.39*	
08 14 16 00-0593	EA	3'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	384.13	71.17
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*29.01*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*130.56*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*181.34*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*290.14*	
		For >50 To 100, Deduct	*-22.77*	
		For >100, Deduct	*-32.37*	
		For 9' Door Height, Add	*50.77*	
08 14 16 00-0594	EA	3'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	396.21	71.17
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*30.46*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*137.08*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*190.40*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*304.63*	
		For >50 To 100, Deduct	*-23.37*	
		For >100, Deduct	*-33.27*	
		For 9' Door Height, Add	*53.31*	
08 14 16 00-0595	EA	4'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	420.41	71.17
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*33.37*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*150.15*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*208.55*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*333.67*	
		For >50 To 100, Deduct	*-24.58*	
		For >100, Deduct	*-35.09*	
		For 9' Door Height, Add	*58.39*	

08 14 16 00-0596 Medium Density Overlay (MDO) Wood Doors *(08 14 16 00-0440)*

08 14 16 00-0597	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	260.21	62.63
		For Stave Lumber Core (SLC), Add	*101.21*	
		For Structural Composite Lumber Core (SCLC), Add	*60.72*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*16.19*	
		For >50 To 100, Deduct	*-16.14*	
		For >100, Deduct	*-22.65*	
08 14 16 00-0598	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	260.21	62.63
		For Stave Lumber Core (SLC), Add	*101.21*	
		For Structural Composite Lumber Core (SCLC), Add	*60.72*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*16.19*	
		For >50 To 100, Deduct	*-16.14*	
		For >100, Deduct	*-22.65*	
08 14 16 00-0599	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	273.71	65.48
		For Stave Lumber Core (SLC), Add	*107.06*	
		For Structural Composite Lumber Core (SCLC), Add	*64.24*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*17.13*	
		For >50 To 100, Deduct	*-16.96*	
		For >100, Deduct	*-23.80*	
08 14 16 00-0600	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	281.51	65.48
		For Stave Lumber Core (SLC), Add	*112.91*	
		For Structural Composite Lumber Core (SCLC), Add	*67.75*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*18.07*	
		For >50 To 100, Deduct	*-17.35*	
		For >100, Deduct	*-24.39*	
08 14 16 00-0601	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	282.96	65.48
		For Stave Lumber Core (SLC), Add	*114.00*	
		For Structural Composite Lumber Core (SCLC), Add	*68.40*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*18.24*	
		For >50 To 100, Deduct	*-17.42*	
		For >100, Deduct	*-24.50*	
08 14 16 00-0602	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	290.12	68.33
		For Stave Lumber Core (SLC), Add	*115.10*	
		For Structural Composite Lumber Core (SCLC), Add	*69.06*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*18.42*	
		For >50 To 100, Deduct	*-17.92*	
		For >100, Deduct	*-25.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0603	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	307.04	68.33
		For Stave Lumber Core (SLC), Add	*127.79*	
		For Structural Composite Lumber Core (SCLC), Add	*76.68*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*20.45*	
		For >50 To 100, Deduct	*-18.77*	
		For >100, Deduct	*-26.44*	
08 14 16 00-0604	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	343.63	71.17
		For Stave Lumber Core (SLC), Add	*150.96*	
		For Structural Composite Lumber Core (SCLC), Add	*90.58*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*24.15*	
		For >50 To 100, Deduct	*-20.74*	
		For >100, Deduct	*-29.33*	
08 14 16 00-0605	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	353.70	71.17
		For Stave Lumber Core (SLC), Add	*158.51*	
		For Structural Composite Lumber Core (SCLC), Add	*95.11*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*25.36*	
		For >50 To 100, Deduct	*-21.24*	
		For >100, Deduct	*-30.09*	
08 14 16 00-0606	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	373.81	71.17
		For Stave Lumber Core (SLC), Add	*173.60*	
		For Structural Composite Lumber Core (SCLC), Add	*104.16*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*27.78*	
		For >50 To 100, Deduct	*-22.25*	
		For >100, Deduct	*-31.59*	
08 14 16 00-0607	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	268.07	62.63
		For Stave Lumber Core (SLC), Add	*107.10*	
		For Structural Composite Lumber Core (SCLC), Add	*64.26*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*17.14*	
		For >50 To 100, Deduct	*-16.54*	
		For >100, Deduct	*-23.24*	
08 14 16 00-0608	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	268.07	62.63
		For Stave Lumber Core (SLC), Add	*107.10*	
		For Structural Composite Lumber Core (SCLC), Add	*64.26*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*17.14*	
		For >50 To 100, Deduct	*-16.54*	
		For >100, Deduct	*-23.24*	
08 14 16 00-0609	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	282.03	65.48
		For Stave Lumber Core (SLC), Add	*113.30*	
		For Structural Composite Lumber Core (SCLC), Add	*67.98*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*18.13*	
		For >50 To 100, Deduct	*-17.38*	
		For >100, Deduct	*-24.43*	
08 14 16 00-0610	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	290.28	65.48
		For Stave Lumber Core (SLC), Add	*119.49*	
		For Structural Composite Lumber Core (SCLC), Add	*71.69*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*19.12*	
		For >50 To 100, Deduct	*-17.79*	
		For >100, Deduct	*-25.05*	
08 14 16 00-0611	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	291.81	65.48
		For Stave Lumber Core (SLC), Add	*120.64*	
		For Structural Composite Lumber Core (SCLC), Add	*72.38*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*19.30*	
		For >50 To 100, Deduct	*-17.86*	
		For >100, Deduct	*-25.16*	
08 14 16 00-0612	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	299.06	68.33
		For Stave Lumber Core (SLC), Add	*121.81*	
		For Structural Composite Lumber Core (SCLC), Add	*73.08*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*19.49*	
		For >50 To 100, Deduct	*-18.37*	
		For >100, Deduct	*-25.85*	
08 14 16 00-0613	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	316.95	68.33
		For Stave Lumber Core (SLC), Add	*135.23*	
		For Structural Composite Lumber Core (SCLC), Add	*81.14*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*21.64*	
		For >50 To 100, Deduct	*-19.26*	
		For >100, Deduct	*-27.19*	
08 14 16 00-0614	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	355.34	71.17
		For Stave Lumber Core (SLC), Add	*159.74*	
		For Structural Composite Lumber Core (SCLC), Add	*95.85*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*25.56*	
		For >50 To 100, Deduct	*-21.33*	
		For >100, Deduct	*-30.21*	
08 14 16 00-0615	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	366.00	71.17
		For Stave Lumber Core (SLC), Add	*167.74*	
		For Structural Composite Lumber Core (SCLC), Add	*100.64*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*26.84*	
		For >50 To 100, Deduct	*-21.86*	
		For >100, Deduct	*-31.01*	
08 14 16 00-0616	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	387.29	71.17
		For Stave Lumber Core (SLC), Add	*183.71*	
		For Structural Composite Lumber Core (SCLC), Add	*110.22*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*29.39*	
		For >50 To 100, Deduct	*-22.92*	
		For >100, Deduct	*-32.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0617	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	295.91	62.63
		For Stave Lumber Core (SLC), Add	*127.98*	
		For Structural Composite Lumber Core (SCLC), Add	*76.79*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*20.48*	
		For >50 To 100, Deduct	*-17.93*	
		For >100, Deduct	*-25.33*	
		For 9' Door Height, Add	*35.83*	
08 14 16 00-0618	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	295.91	62.63
		For Stave Lumber Core (SLC), Add	*127.98*	
		For Structural Composite Lumber Core (SCLC), Add	*76.79*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*20.48*	
		For >50 To 100, Deduct	*-17.93*	
		For >100, Deduct	*-25.33*	
		For 9' Door Height, Add	*35.83*	
08 14 16 00-0619	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	311.49	65.48
		For Stave Lumber Core (SLC), Add	*135.40*	
		For Structural Composite Lumber Core (SCLC), Add	*81.24*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*21.66*	
		For >50 To 100, Deduct	*-18.85*	
		For >100, Deduct	*-26.64*	
		For 9' Door Height, Add	*37.91*	
08 14 16 00-0620	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	321.35	65.48
		For Stave Lumber Core (SLC), Add	*142.79*	
		For Structural Composite Lumber Core (SCLC), Add	*85.68*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*22.85*	
		For >50 To 100, Deduct	*-19.34*	
		For >100, Deduct	*-27.38*	
		For 9' Door Height, Add	*39.98*	
08 14 16 00-0621	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	323.18	65.48
		For Stave Lumber Core (SLC), Add	*144.17*	
		For Structural Composite Lumber Core (SCLC), Add	*86.50*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*23.07*	
		For >50 To 100, Deduct	*-19.43*	
		For >100, Deduct	*-27.51*	
		For 9' Door Height, Add	*40.37*	
08 14 16 00-0622	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	330.73	68.33
		For Stave Lumber Core (SLC), Add	*145.56*	
		For Structural Composite Lumber Core (SCLC), Add	*87.34*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*23.29*	
		For >50 To 100, Deduct	*-19.95*	
		For >100, Deduct	*-28.22*	
		For 9' Door Height, Add	*40.76*	
08 14 16 00-0623	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	352.11	68.33
		For Stave Lumber Core (SLC), Add	*161.60*	
		For Structural Composite Lumber Core (SCLC), Add	*96.96*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*25.86*	
		For >50 To 100, Deduct	*-21.02*	
		For >100, Deduct	*-29.82*	
		For 9' Door Height, Add	*45.25*	
08 14 16 00-0624	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	396.86	71.17
		For Stave Lumber Core (SLC), Add	*190.88*	
		For Structural Composite Lumber Core (SCLC), Add	*114.53*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*30.54*	
		For >50 To 100, Deduct	*-23.40*	
		For >100, Deduct	*-33.32*	
		For 9' Door Height, Add	*53.45*	
08 14 16 00-0625	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	409.61	71.17
		For Stave Lumber Core (SLC), Add	*200.45*	
		For Structural Composite Lumber Core (SCLC), Add	*120.27*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*32.07*	
		For >50 To 100, Deduct	*-24.04*	
		For >100, Deduct	*-34.28*	
		For 9' Door Height, Add	*56.12*	
08 14 16 00-0626	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	435.05	71.17
		For Stave Lumber Core (SLC), Add	*219.53*	
		For Structural Composite Lumber Core (SCLC), Add	*131.72*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*35.12*	
		For >50 To 100, Deduct	*-25.31*	
		For >100, Deduct	*-36.19*	
		For 9' Door Height, Add	*61.47*	

08 14 16 00-0627 Manufacturer Prefinished Options For Flush Wood Doors *(08 14 16)*

08 14 16 00-0628	EA	Two Coats, Clear Or Colored Catalyzed Polyurethane Factory Finish For Flush Wood Door Note: Includes (2) coats any standard manufacturer color on six sides.	76.36	
		For Custom Color To Match Non-Standard Manufacturer Finish, Add	*25.43*	
08 14 16 00-0629	EA	Three Coats, Clear Or Colored Catalyzed Polyurethane Factory Finish For Flush Wood Door Note: Includes (3) coats any standard manufacturer color on six sides.	114.54	
		For Custom Color To Match Non-Standard Manufacturer Finish, Add	*25.43*	

08 14 23 Clad Wood Doors *(08 14)*

08 14 23 16 Plastic-Laminate-Faced Wood Doors *(08 14 23)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 16-0001		1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Doors *(08 14 23 16)*		
		Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.		
08 14 23 16-0002	EA	2'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	310.60	62.63
		For Structural Composite Lumber Core (SCLC), Add	*83.40*	
		For 5 Ply Construction, Add	*6.49*	
		For >50 To 100, Deduct	*-18.66*	
		For >100, Deduct	*-26.43*	
08 14 23 16-0003	EA	2'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	310.60	62.63
		For Structural Composite Lumber Core (SCLC), Add	*83.40*	
		For 5 Ply Construction, Add	*6.49*	
		For >50 To 100, Deduct	*-18.66*	
		For >100, Deduct	*-26.43*	
08 14 23 16-0004	EA	2'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	326.48	65.48
		For Structural Composite Lumber Core (SCLC), Add	*87.98*	
		For 5 Ply Construction, Add	*6.84*	
		For >50 To 100, Deduct	*-19.60*	
		For >100, Deduct	*-27.76*	
08 14 23 16-0005	EA	2'-8" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	336.68	65.48
		For Structural Composite Lumber Core (SCLC), Add	*92.57*	
		For 5 Ply Construction, Add	*7.20*	
		For >50 To 100, Deduct	*-20.11*	
		For >100, Deduct	*-28.53*	
08 14 23 16-0006	EA	2'-10" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	341.82	65.48
		For Structural Composite Lumber Core (SCLC), Add	*94.89*	
		For 5 Ply Construction, Add	*7.38*	
		For >50 To 100, Deduct	*-20.37*	
		For >100, Deduct	*-28.91*	
08 14 23 16-0007	EA	3'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	352.63	68.33
		For Structural Composite Lumber Core (SCLC), Add	*97.19*	
		For 5 Ply Construction, Add	*7.56*	
		For >50 To 100, Deduct	*-21.05*	
		For >100, Deduct	*-29.86*	
08 14 23 16-0008	EA	3'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	376.38	68.33
		For Structural Composite Lumber Core (SCLC), Add	*107.88*	
		For 5 Ply Construction, Add	*8.39*	
		For >50 To 100, Deduct	*-22.24*	
		For >100, Deduct	*-31.64*	
08 14 23 16-0009	EA	3'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	397.42	71.17
		For Structural Composite Lumber Core (SCLC), Add	*114.78*	
		For 5 Ply Construction, Add	*8.93*	
		For >50 To 100, Deduct	*-23.43*	
		For >100, Deduct	*-33.37*	
08 14 23 16-0010	EA	2'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	321.39	62.63
		For Structural Composite Lumber Core (SCLC), Add	*88.25*	
		For 5 Ply Construction, Add	*6.86*	
		For >50 To 100, Deduct	*-19.20*	
		For >100, Deduct	*-27.24*	
08 14 23 16-0011	EA	2'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	321.38	62.63
		For Structural Composite Lumber Core (SCLC), Add	*88.25*	
		For 5 Ply Construction, Add	*6.86*	
		For >50 To 100, Deduct	*-19.20*	
		For >100, Deduct	*-27.24*	
08 14 23 16-0012	EA	2'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	337.87	65.48
		For Structural Composite Lumber Core (SCLC), Add	*93.11*	
		For 5 Ply Construction, Add	*7.24*	
		For >50 To 100, Deduct	*-20.17*	
		For >100, Deduct	*-28.61*	
08 14 23 16-0013	EA	2'-8" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	348.65	65.48
		For Structural Composite Lumber Core (SCLC), Add	*97.96*	
		For 5 Ply Construction, Add	*7.62*	
		For >50 To 100, Deduct	*-20.71*	
		For >100, Deduct	*-29.42*	
08 14 23 16-0014	EA	2'-10" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	354.09	65.48
		For Structural Composite Lumber Core (SCLC), Add	*100.41*	
		For 5 Ply Construction, Add	*7.81*	
		For >50 To 100, Deduct	*-20.98*	
		For >100, Deduct	*-29.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 16-0015	EA	3'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	365.20	68.33
		For Structural Composite Lumber Core (SCLC), Add	*102.85*	
		For 5 Ply Construction, Add	*8.00*	
		For >50 To 100, Deduct	*-21.68*	
		For >100, Deduct	*-30.81*	
08 14 23 16-0016	EA	3'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	390.33	68.33
		For Structural Composite Lumber Core (SCLC), Add	*114.16*	
		For 5 Ply Construction, Add	*8.88*	
		For >50 To 100, Deduct	*-22.93*	
		For >100, Deduct	*-32.69*	
08 14 23 16-0017	EA	3'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	412.26	71.17
		For Structural Composite Lumber Core (SCLC), Add	*121.46*	
		For 5 Ply Construction, Add	*9.45*	
		For >50 To 100, Deduct	*-24.17*	
		For >100, Deduct	*-34.48*	
08 14 23 16-0018	EA	2'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	359.63	62.63
		For Structural Composite Lumber Core (SCLC), Add	*105.46*	
		For 5 Ply Construction, Add	*8.20*	
		For >50 To 100, Deduct	*-21.11*	
		For >100, Deduct	*-30.10*	
08 14 23 16-0019	EA	2'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	359.63	62.63
		For Structural Composite Lumber Core (SCLC), Add	*105.46*	
		For 5 Ply Construction, Add	*8.20*	
		For >50 To 100, Deduct	*-21.11*	
		For >100, Deduct	*-30.10*	
08 14 23 16-0020	EA	2'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	378.22	65.48
		For Structural Composite Lumber Core (SCLC), Add	*111.27*	
		For 5 Ply Construction, Add	*8.65*	
		For >50 To 100, Deduct	*-22.19*	
		For >100, Deduct	*-31.64*	
08 14 23 16-0021	EA	2'-8" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	391.11	65.48
		For Structural Composite Lumber Core (SCLC), Add	*117.07*	
		For 5 Ply Construction, Add	*9.11*	
		For >50 To 100, Deduct	*-22.83*	
		For >100, Deduct	*-32.61*	
08 14 23 16-0022	EA	2'-10" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	397.60	65.48
		For Structural Composite Lumber Core (SCLC), Add	*119.99*	
		For 5 Ply Construction, Add	*9.33*	
		For >50 To 100, Deduct	*-23.15*	
		For >100, Deduct	*-33.09*	
08 14 23 16-0023	EA	3'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	409.77	68.33
		For Structural Composite Lumber Core (SCLC), Add	*122.90*	
		For 5 Ply Construction, Add	*9.56*	
		For >50 To 100, Deduct	*-23.90*	
		For >100, Deduct	*-34.15*	
08 14 23 16-0024	EA	3'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	439.79	68.33
		For Structural Composite Lumber Core (SCLC), Add	*136.41*	
		For 5 Ply Construction, Add	*10.61*	
		For >50 To 100, Deduct	*-25.41*	
		For >100, Deduct	*-36.40*	
08 14 23 16-0025	EA	3'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	464.89	71.17
		For Structural Composite Lumber Core (SCLC), Add	*145.14*	
		For 5 Ply Construction, Add	*11.29*	
		For >50 To 100, Deduct	*-26.80*	
		For >100, Deduct	*-38.43*	

08 14 23 16-0026 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Doors *(08 14 23 16)*

Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.

08 14 23 16-0027	EA	2'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	441.02	62.63
		For 5 Ply Construction, Add	*11.05*	
		For Stave Lumber Core (SLC), Add	*236.81*	
		For Structural Composite Lumber Core (SCLC), Add	*142.09*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*37.89*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*170.51*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*236.81*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*378.90*	
		For >50 To 100, Deduct	*-25.18*	
		For >100, Deduct	*-36.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 16-0028	EA	2'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	441.00	62.63
		For 5 Ply Construction, Add	*11.05*	
		For Stave Lumber Core (SLC), Add	*236.80*	
		For Structural Composite Lumber Core (SCLC), Add	*142.08*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*37.89*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*170.49*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*236.80*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*378.88*	
		For >50 To 100, Deduct	*-25.18*	
		For >100, Deduct	*-36.21*	
08 14 23 16-0029	EA	2'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	456.57	65.48
		For 5 Ply Construction, Add	*11.40*	
		For Stave Lumber Core (SLC), Add	*244.21*	
		For Structural Composite Lumber Core (SCLC), Add	*146.52*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*39.07*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*175.83*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*244.21*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*390.73*	
		For >50 To 100, Deduct	*-26.10*	
		For >100, Deduct	*-37.52*	
08 14 23 16-0030	EA	2'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	456.57	65.48
		For 5 Ply Construction, Add	*11.40*	
		For Stave Lumber Core (SLC), Add	*244.21*	
		For Structural Composite Lumber Core (SCLC), Add	*146.52*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*39.07*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*175.83*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*244.21*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*390.73*	
		For >50 To 100, Deduct	*-26.10*	
		For >100, Deduct	*-37.52*	
08 14 23 16-0031	EA	2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	476.13	65.48
		For 5 Ply Construction, Add	*12.08*	
		For Stave Lumber Core (SLC), Add	*258.88*	
		For Structural Composite Lumber Core (SCLC), Add	*155.33*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*41.42*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*186.39*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*258.88*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*414.20*	
		For >50 To 100, Deduct	*-27.08*	
		For >100, Deduct	*-38.98*	
08 14 23 16-0032	EA	3'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	501.37	68.33
		For 5 Ply Construction, Add	*12.77*	
		For Stave Lumber Core (SLC), Add	*273.54*	
		For Structural Composite Lumber Core (SCLC), Add	*164.12*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*43.77*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*196.95*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*273.54*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*437.66*	
		For >50 To 100, Deduct	*-28.48*	
		For >100, Deduct	*-41.02*	
08 14 23 16-0033	EA	3'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	521.36	68.33
		For 5 Ply Construction, Add	*13.46*	
		For Stave Lumber Core (SLC), Add	*288.53*	
		For Structural Composite Lumber Core (SCLC), Add	*173.12*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*46.17*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*207.74*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*288.53*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*461.65*	
		For >50 To 100, Deduct	*-29.48*	
		For >100, Deduct	*-42.52*	
08 14 23 16-0034	EA	3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	537.04	71.17
		For 5 Ply Construction, Add	*13.81*	
		For Stave Lumber Core (SLC), Add	*296.02*	
		For Structural Composite Lumber Core (SCLC), Add	*177.61*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*47.36*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*213.13*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*296.02*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*473.63*	
		For >50 To 100, Deduct	*-30.41*	
		For >100, Deduct	*-43.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 16-0035	EA	3'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	556.77	71.17
		For 5 Ply Construction, Add	*14.50*	
		For Stave Lumber Core (SLC), Add	*310.82*	
		For Structural Composite Lumber Core (SCLC), Add	*186.49*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*49.73*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*223.79*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*310.82*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*497.30*	
		For >50 To 100, Deduct	*-31.40*	
		For >100, Deduct	*-45.32*	
08 14 23 16-0036	EA	4'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	607.63	76.87
		For 5 Ply Construction, Add	*15.89*	
		For Stave Lumber Core (SLC), Add	*340.42*	
		For Structural Composite Lumber Core (SCLC), Add	*204.25*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*54.47*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*245.10*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*340.42*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*544.67*	
		For >50 To 100, Deduct	*-34.23*	
		For >100, Deduct	*-49.42*	
08 14 23 16-0037	EA	2'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	459.40	62.63
		For 5 Ply Construction, Add	*11.69*	
		For Stave Lumber Core (SLC), Add	*250.60*	
		For Structural Composite Lumber Core (SCLC), Add	*150.36*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*40.10*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*180.43*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*250.60*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*400.96*	
		For >50 To 100, Deduct	*-26.10*	
		For >100, Deduct	*-37.59*	
08 14 23 16-0038	EA	2'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	459.38	62.63
		For 5 Ply Construction, Add	*11.69*	
		For Stave Lumber Core (SLC), Add	*250.58*	
		For Structural Composite Lumber Core (SCLC), Add	*150.35*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*40.09*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*180.42*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*250.58*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*400.93*	
		For >50 To 100, Deduct	*-26.10*	
		For >100, Deduct	*-37.59*	
08 14 23 16-0039	EA	2'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	475.53	65.48
		For 5 Ply Construction, Add	*12.06*	
		For Stave Lumber Core (SLC), Add	*258.43*	
		For Structural Composite Lumber Core (SCLC), Add	*155.06*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*41.35*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*186.07*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*258.43*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*413.48*	
		For >50 To 100, Deduct	*-27.05*	
		For >100, Deduct	*-38.94*	
08 14 23 16-0040	EA	2'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	475.53	65.48
		For 5 Ply Construction, Add	*12.06*	
		For Stave Lumber Core (SLC), Add	*258.43*	
		For Structural Composite Lumber Core (SCLC), Add	*155.06*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*41.35*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*186.07*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*258.43*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*413.48*	
		For >50 To 100, Deduct	*-27.05*	
		For >100, Deduct	*-38.94*	
08 14 23 16-0041	EA	2'-10" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	496.22	65.48
		For 5 Ply Construction, Add	*12.78*	
		For Stave Lumber Core (SLC), Add	*273.95*	
		For Structural Composite Lumber Core (SCLC), Add	*164.37*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*43.83*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*197.24*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*273.95*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*438.31*	
		For >50 To 100, Deduct	*-28.09*	
		For >100, Deduct	*-40.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 16-0042	EA	3'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	522.61	68.33
		For 5 Ply Construction, Add	*13.51*	
		For Stave Lumber Core (SLC), Add	*289.47*	
		For Structural Composite Lumber Core (SCLC), Add	*173.68*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*46.32*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*208.42*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*289.47*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*463.15*	
		For >50 To 100, Deduct	*-29.55*	
		For >100, Deduct	*-42.61*	
08 14 23 16-0043	EA	3'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	543.74	68.33
		For 5 Ply Construction, Add	*14.25*	
		For Stave Lumber Core (SLC), Add	*305.32*	
		For Structural Composite Lumber Core (SCLC), Add	*183.19*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*48.85*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*219.83*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*305.32*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*488.51*	
		For >50 To 100, Deduct	*-30.60*	
		For >100, Deduct	*-44.20*	
08 14 23 16-0044	EA	3'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	560.01	71.17
		For 5 Ply Construction, Add	*14.62*	
		For Stave Lumber Core (SLC), Add	*313.25*	
		For Structural Composite Lumber Core (SCLC), Add	*187.95*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*50.12*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*225.54*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*313.25*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*501.19*	
		For >50 To 100, Deduct	*-31.56*	
		For >100, Deduct	*-45.56*	
08 14 23 16-0045	EA	3'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	580.89	71.17
		For 5 Ply Construction, Add	*15.35*	
		For Stave Lumber Core (SLC), Add	*328.91*	
		For Structural Composite Lumber Core (SCLC), Add	*197.34*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*52.62*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*236.81*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*328.91*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*526.25*	
		For >50 To 100, Deduct	*-32.60*	
		For >100, Deduct	*-47.13*	
08 14 23 16-0046	EA	4'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	634.04	76.87
		For 5 Ply Construction, Add	*16.81*	
		For Stave Lumber Core (SLC), Add	*360.23*	
		For Structural Composite Lumber Core (SCLC), Add	*216.14*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*57.64*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*259.36*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*360.23*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*576.36*	
		For >50 To 100, Deduct	*-35.55*	
		For >100, Deduct	*-51.40*	
08 14 23 16-0047	EA	2'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	524.56	62.63
		For 5 Ply Construction, Add	*13.98*	
		For Stave Lumber Core (SLC), Add	*299.47*	
		For Structural Composite Lumber Core (SCLC), Add	*179.68*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*47.91*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*215.62*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*299.47*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*479.15*	
		For >50 To 100, Deduct	*-29.36*	
		For >100, Deduct	*-42.47*	
08 14 23 16-0048	EA	2'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	524.54	62.63
		For 5 Ply Construction, Add	*13.97*	
		For Stave Lumber Core (SLC), Add	*299.45*	
		For Structural Composite Lumber Core (SCLC), Add	*179.67*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*47.91*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*215.61*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*299.45*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*479.12*	
		For >50 To 100, Deduct	*-29.36*	
		For >100, Deduct	*-42.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 16-0049	EA	2'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	542.72	65.48
		For 5 Ply Construction, Add	*14.41*	
		For Stave Lumber Core (SLC), Add	*308.82*	
		For Structural Composite Lumber Core (SCLC), Add	*185.29*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*49.41*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*222.35*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*308.82*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*494.11*	
		For >50 To 100, Deduct	*-30.41*	
		For >100, Deduct	*-43.98*	
08 14 23 16-0050	EA	2'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	542.72	65.48
		For 5 Ply Construction, Add	*14.41*	
		For Stave Lumber Core (SLC), Add	*308.82*	
		For Structural Composite Lumber Core (SCLC), Add	*185.29*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*49.41*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*222.35*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*308.82*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*494.11*	
		For >50 To 100, Deduct	*-30.41*	
		For >100, Deduct	*-43.98*	
08 14 23 16-0051	EA	2'-10" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	567.44	65.48
		For 5 Ply Construction, Add	*15.28*	
		For Stave Lumber Core (SLC), Add	*327.36*	
		For Structural Composite Lumber Core (SCLC), Add	*196.42*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*52.38*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*235.70*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*327.36*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*523.78*	
		For >50 To 100, Deduct	*-31.65*	
		For >100, Deduct	*-45.83*	
08 14 23 16-0052	EA	3'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	597.87	68.33
		For 5 Ply Construction, Add	*16.14*	
		For Stave Lumber Core (SLC), Add	*345.92*	
		For Structural Composite Lumber Core (SCLC), Add	*207.55*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*55.35*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*249.06*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*345.92*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*553.46*	
		For >50 To 100, Deduct	*-33.31*	
		For >100, Deduct	*-48.26*	
08 14 23 16-0053	EA	3'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	623.12	68.33
		For 5 Ply Construction, Add	*17.03*	
		For Stave Lumber Core (SLC), Add	*364.85*	
		For Structural Composite Lumber Core (SCLC), Add	*218.91*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*58.38*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*262.69*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*364.85*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*583.76*	
		For >50 To 100, Deduct	*-34.57*	
		For >100, Deduct	*-50.15*	
08 14 23 16-0054	EA	3'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	641.45	71.17
		For 5 Ply Construction, Add	*17.47*	
		For Stave Lumber Core (SLC), Add	*374.33*	
		For Structural Composite Lumber Core (SCLC), Add	*224.60*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*59.89*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*269.51*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*374.33*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*598.92*	
		For >50 To 100, Deduct	*-35.63*	
		For >100, Deduct	*-51.67*	
08 14 23 16-0055	EA	3'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	666.39	71.17
		For 5 Ply Construction, Add	*18.34*	
		For Stave Lumber Core (SLC), Add	*393.03*	
		For Structural Composite Lumber Core (SCLC), Add	*235.82*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*62.88*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*282.98*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*393.03*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*628.85*	
		For >50 To 100, Deduct	*-36.88*	
		For >100, Deduct	*-53.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 16-0056	EA	4'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	727.70	76.87
		For 5 Ply Construction, Add	*20.09*	
		For Stave Lumber Core (SLC), Add	*430.47*	
		For Structural Composite Lumber Core (SCLC), Add	*258.28*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*68.88*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*309.94*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*430.47*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*688.75*	
		For >50 To 100, Deduct	*-40.23*	
		For >100, Deduct	*-58.42*	

08 14 23 19 Molded-Hardboard-Faced Wood Doors *(08 14 23)*

08 14 23 19-0001 1-3/8" Thick, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Doors *(08 14 23 19)*

08 14 23 19-0002	EA	2'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	222.88	62.63
		For >50 To 100, Deduct	*-14.28*	
		For >100, Deduct	*-19.85*	
08 14 23 19-0003	EA	2'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	222.88	62.63
		For >50 To 100, Deduct	*-14.28*	
		For >100, Deduct	*-19.85*	
08 14 23 19-0004	EA	2'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	235.69	65.48
		For >50 To 100, Deduct	*-15.06*	
		For >100, Deduct	*-20.95*	
08 14 23 19-0005	EA	2'-8" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	239.08	65.48
		For >50 To 100, Deduct	*-15.23*	
		For >100, Deduct	*-21.21*	
08 14 23 19-0006	EA	2'-10" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	242.44	65.48
		For >50 To 100, Deduct	*-15.40*	
		For >100, Deduct	*-21.46*	
08 14 23 19-0007	EA	3'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	251.52	68.33
		For >50 To 100, Deduct	*-15.99*	
		For >100, Deduct	*-22.28*	
08 14 23 19-0008	EA	3'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	264.14	68.33
		For >50 To 100, Deduct	*-16.62*	
		For >100, Deduct	*-23.23*	
08 14 23 19-0009	EA	3'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	278.01	71.17
		For >50 To 100, Deduct	*-17.46*	
		For >100, Deduct	*-24.41*	
08 14 23 19-0010	EA	2'-0" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	228.56	62.63
		For >50 To 100, Deduct	*-14.56*	
		For >100, Deduct	*-20.27*	
08 14 23 19-0011	EA	2'-4" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	228.56	62.63
		For >50 To 100, Deduct	*-14.56*	
		For >100, Deduct	*-20.27*	
08 14 23 19-0012	EA	2'-6" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	241.79	65.48
		For >50 To 100, Deduct	*-15.36*	
		For >100, Deduct	*-21.41*	
08 14 23 19-0013	EA	2'-8" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	245.36	65.48
		For >50 To 100, Deduct	*-15.54*	
		For >100, Deduct	*-21.68*	
08 14 23 19-0014	EA	2'-10" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	248.93	65.48
		For >50 To 100, Deduct	*-15.72*	
		For >100, Deduct	*-21.94*	
08 14 23 19-0015	EA	3'-0" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	258.20	68.33
		For >50 To 100, Deduct	*-16.33*	
		For >100, Deduct	*-22.78*	
08 14 23 19-0016	EA	3'-4" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	271.55	68.33
		For >50 To 100, Deduct	*-16.99*	
		For >100, Deduct	*-23.78*	
08 14 23 19-0017	EA	3'-6" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	285.89	71.17
		For >50 To 100, Deduct	*-17.85*	
		For >100, Deduct	*-25.00*	
08 14 23 19-0018	EA	2'-0" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	248.71	62.63
		For >50 To 100, Deduct	*-15.57*	
		For >100, Deduct	*-21.79*	
08 14 23 19-0019	EA	2'-4" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	248.71	62.63
		For >50 To 100, Deduct	*-15.57*	
		For >100, Deduct	*-21.79*	
08 14 23 19-0020	EA	2'-6" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	263.41	65.48
		For >50 To 100, Deduct	*-16.44*	
		For >100, Deduct	*-23.03*	
08 14 23 19-0021	EA	2'-8" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	267.67	65.48
		For >50 To 100, Deduct	*-16.66*	
		For >100, Deduct	*-23.35*	
08 14 23 19-0022	EA	2'-10" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	271.95	65.48
		For >50 To 100, Deduct	*-16.87*	
		For >100, Deduct	*-23.67*	
08 14 23 19-0023	EA	3'-0" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	281.90	68.33
		For >50 To 100, Deduct	*-17.51*	
		For >100, Deduct	*-24.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 19-0024	EA	3'-4" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	297.85	68.33
		For >50 To 100, Deduct	*-18.31*	
		For >100, Deduct	*-25.76*	
08 14 23 19-0025	EA	3'-6" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	313.87	71.17
		For >50 To 100, Deduct	*-19.25*	
		For >100, Deduct	*-27.10*	

08 14 23 19-0026 1-3/4" Thick, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Doors *(08 14 23 19)*

08 14 23 19-0027	EA	2'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	246.90	62.63
		For >50 To 100, Deduct	*-15.48*	
		For >100, Deduct	*-21.65*	
08 14 23 19-0028	EA	2'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	246.90	62.63
		For >50 To 100, Deduct	*-15.48*	
		For >100, Deduct	*-21.65*	
08 14 23 19-0029	EA	2'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	255.95	65.48
		For >50 To 100, Deduct	*-16.07*	
		For >100, Deduct	*-22.47*	
08 14 23 19-0030	EA	2'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	262.73	65.48
		For >50 To 100, Deduct	*-16.41*	
		For >100, Deduct	*-22.98*	
08 14 23 19-0031	EA	2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	266.12	65.48
		For >50 To 100, Deduct	*-16.58*	
		For >100, Deduct	*-23.23*	
08 14 23 19-0032	EA	3'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	275.15	68.33
		For >50 To 100, Deduct	*-17.17*	
		For >100, Deduct	*-24.05*	
08 14 23 19-0033	EA	3'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	282.87	68.33
		For >50 To 100, Deduct	*-17.56*	
		For >100, Deduct	*-24.63*	
08 14 23 19-0034	EA	3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	313.69	71.17
		For >50 To 100, Deduct	*-19.24*	
		For >100, Deduct	*-27.09*	
08 14 23 19-0035	EA	3'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	322.25	71.17
		For >50 To 100, Deduct	*-19.67*	
		For >100, Deduct	*-27.73*	
08 14 23 19-0036	EA	4'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	339.41	71.17
		For >50 To 100, Deduct	*-20.53*	
		For >100, Deduct	*-29.01*	
08 14 23 19-0037	EA	2'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	253.96	62.63
		For >50 To 100, Deduct	*-15.83*	
		For >100, Deduct	*-22.18*	
08 14 23 19-0038	EA	2'-4" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	253.96	62.63
		For >50 To 100, Deduct	*-15.83*	
		For >100, Deduct	*-22.18*	
08 14 23 19-0039	EA	2'-6" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	263.23	65.48
		For >50 To 100, Deduct	*-16.44*	
		For >100, Deduct	*-23.02*	
08 14 23 19-0040	EA	2'-8" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	270.40	65.48
		For >50 To 100, Deduct	*-16.79*	
		For >100, Deduct	*-23.55*	
08 14 23 19-0041	EA	2'-10" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	273.97	65.48
		For >50 To 100, Deduct	*-16.97*	
		For >100, Deduct	*-23.82*	
08 14 23 19-0042	EA	3'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	283.21	68.33
		For >50 To 100, Deduct	*-17.58*	
		For >100, Deduct	*-24.66*	
08 14 23 19-0043	EA	3'-4" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	291.38	68.33
		For >50 To 100, Deduct	*-17.99*	
		For >100, Deduct	*-25.27*	
08 14 23 19-0044	EA	3'-6" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	323.67	71.17
		For >50 To 100, Deduct	*-19.74*	
		For >100, Deduct	*-27.83*	
08 14 23 19-0045	EA	3'-8" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	332.74	71.17
		For >50 To 100, Deduct	*-20.20*	
		For >100, Deduct	*-28.51*	
08 14 23 19-0046	EA	4'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	350.87	71.17
		For >50 To 100, Deduct	*-21.10*	
		For >100, Deduct	*-29.87*	
08 14 23 19-0047	EA	2'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	279.06	62.63
		For >50 To 100, Deduct	*-17.08*	
		For >100, Deduct	*-24.06*	
08 14 23 19-0048	EA	2'-4" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	279.06	62.63
		For >50 To 100, Deduct	*-17.08*	
		For >100, Deduct	*-24.06*	
08 14 23 19-0049	EA	2'-6" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	289.03	65.48
		For >50 To 100, Deduct	*-17.73*	
		For >100, Deduct	*-24.95*	
08 14 23 19-0050	EA	2'-8" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	297.60	65.48
		For >50 To 100, Deduct	*-18.15*	
		For >100, Deduct	*-25.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 19-0051	EA	2'-10" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	301.85	65.48
		For >50 To 100, Deduct	*-18.37*	
		For >100, Deduct	*-25.91*	
08 14 23 19-0052	EA	3'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	311.80	68.33
		For >50 To 100, Deduct	*-19.01*	
		For >100, Deduct	*-26.80*	
08 14 23 19-0053	EA	3'-4" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	321.55	68.33
		For >50 To 100, Deduct	*-19.49*	
		For >100, Deduct	*-27.53*	
08 14 23 19-0054	EA	3'-6" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	359.04	71.17
		For >50 To 100, Deduct	*-21.51*	
		For >100, Deduct	*-30.49*	
08 14 23 19-0055	EA	3'-8" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	369.87	71.17
		For >50 To 100, Deduct	*-22.05*	
		For >100, Deduct	*-31.30*	
08 14 23 19-0056	EA	4'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	391.54	71.17
		For >50 To 100, Deduct	*-23.14*	
		For >100, Deduct	*-32.92*	

08 14 23 19-0057 1-3/8" Thick, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Doors *(08 14 23 19)*

Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.

08 14 23 19-0058	EA	2'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	266.53	62.63
		For >50 To 100, Deduct	*-16.46*	
		For >100, Deduct	*-23.12*	
08 14 23 19-0059	EA	2'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	266.53	62.63
		For >50 To 100, Deduct	*-16.46*	
		For >100, Deduct	*-23.12*	
08 14 23 19-0060	EA	2'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	280.43	65.48
		For >50 To 100, Deduct	*-17.30*	
		For >100, Deduct	*-24.31*	
08 14 23 19-0061	EA	2'-8" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	288.61	65.48
		For >50 To 100, Deduct	*-17.70*	
		For >100, Deduct	*-24.92*	
08 14 23 19-0062	EA	2'-10" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	290.11	65.48
		For >50 To 100, Deduct	*-17.78*	
		For >100, Deduct	*-25.03*	
08 14 23 19-0063	EA	3'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	297.33	68.33
		For >50 To 100, Deduct	*-18.28*	
		For >100, Deduct	*-25.72*	
08 14 23 19-0064	EA	3'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	315.06	68.33
		For >50 To 100, Deduct	*-19.17*	
		For >100, Deduct	*-27.05*	
08 14 23 19-0065	EA	3'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	353.07	71.17
		For >50 To 100, Deduct	*-21.21*	
		For >100, Deduct	*-30.04*	
08 14 23 19-0066	EA	2'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	274.77	62.63
		For >50 To 100, Deduct	*-16.87*	
		For >100, Deduct	*-23.74*	
08 14 23 19-0067	EA	2'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	274.77	62.63
		For >50 To 100, Deduct	*-16.87*	
		For >100, Deduct	*-23.74*	
08 14 23 19-0068	EA	2'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	289.13	65.48
		For >50 To 100, Deduct	*-17.73*	
		For >100, Deduct	*-24.96*	
08 14 23 19-0069	EA	2'-8" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	297.78	65.48
		For >50 To 100, Deduct	*-18.16*	
		For >100, Deduct	*-25.61*	
08 14 23 19-0070	EA	2'-10" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	299.39	65.48
		For >50 To 100, Deduct	*-18.24*	
		For >100, Deduct	*-25.73*	
08 14 23 19-0071	EA	3'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	306.68	68.33
		For >50 To 100, Deduct	*-18.75*	
		For >100, Deduct	*-26.42*	
08 14 23 19-0072	EA	3'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	325.45	68.33
		For >50 To 100, Deduct	*-19.69*	
		For >100, Deduct	*-27.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 19-0073	EA	3'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	365.35	71.17
		For >50 To 100, Deduct	*-21.83*	
		For >100, Deduct	*-30.96*	
08 14 23 19-0074	EA	2'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	303.92	62.63
		For >50 To 100, Deduct	*-18.33*	
		For >100, Deduct	*-25.93*	
08 14 23 19-0075	EA	2'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	303.92	62.63
		For >50 To 100, Deduct	*-18.33*	
		For >100, Deduct	*-25.93*	
08 14 23 19-0076	EA	2'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	319.98	65.48
		For >50 To 100, Deduct	*-19.27*	
		For >100, Deduct	*-27.27*	
08 14 23 19-0077	EA	2'-8" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	330.31	65.48
		For >50 To 100, Deduct	*-19.79*	
		For >100, Deduct	*-28.05*	
08 14 23 19-0078	EA	2'-10" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	332.22	65.48
		For >50 To 100, Deduct	*-19.89*	
		For >100, Deduct	*-28.19*	
08 14 23 19-0079	EA	3'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	339.85	68.33
		For >50 To 100, Deduct	*-20.41*	
		For >100, Deduct	*-28.91*	
08 14 23 19-0080	EA	3'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	362.26	68.33
		For >50 To 100, Deduct	*-21.53*	
		For >100, Deduct	*-30.59*	
08 14 23 19-0081	EA	3'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	408.84	71.17
		For >50 To 100, Deduct	*-24.00*	
		For >100, Deduct	*-34.22*	

08 14 23 19-0082 1-3/4" Thick, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Doors *(08 14 23 19)*

Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.

08 14 23 19-0083	EA	2'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	302.78	62.63
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*21.30*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*95.86*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*133.13*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*213.01*	
		For >50 To 100, Deduct	*-18.27*	
		For >100, Deduct	*-25.84*	
08 14 23 19-0084	EA	2'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	302.78	62.63
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*21.30*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*95.86*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*133.13*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*213.01*	
		For >50 To 100, Deduct	*-18.27*	
		For >100, Deduct	*-25.84*	
08 14 23 19-0085	EA	2'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	318.75	65.48
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*22.53*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*101.41*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*140.84*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*225.35*	
		For >50 To 100, Deduct	*-19.21*	
		For >100, Deduct	*-27.18*	
08 14 23 19-0086	EA	2'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	329.00	65.48
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*23.76*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*106.94*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*148.53*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*237.65*	
		For >50 To 100, Deduct	*-19.72*	
		For >100, Deduct	*-27.95*	
08 14 23 19-0087	EA	2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	330.91	65.48
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*23.99*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*107.97*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*149.96*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*239.94*	
		For >50 To 100, Deduct	*-19.82*	
		For >100, Deduct	*-28.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 19-0088	EA	3'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	338.54	68.33
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*24.23*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*109.02*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*151.42*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*242.27*	
		For >50 To 100, Deduct	*-20.34*	
		For >100, Deduct	*-28.81*	
08 14 23 19-0089	EA	3'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	360.79	68.33
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*26.90*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*121.04*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*168.11*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*268.97*	
		For >50 To 100, Deduct	*-21.46*	
		For >100, Deduct	*-30.48*	
08 14 23 19-0090	EA	3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	407.12	71.17
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*31.77*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*142.98*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*198.58*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*317.72*	
		For >50 To 100, Deduct	*-23.91*	
		For >100, Deduct	*-34.09*	
08 14 23 19-0091	EA	3'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	420.38	71.17
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*33.36*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*150.14*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*208.52*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*333.64*	
		For >50 To 100, Deduct	*-24.58*	
		For >100, Deduct	*-35.09*	
08 14 23 19-0092	EA	4'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	446.83	71.17
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*36.54*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*164.42*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*228.36*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*365.38*	
		For >50 To 100, Deduct	*-25.90*	
		For >100, Deduct	*-37.07*	
08 14 23 19-0093	EA	2'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	313.11	62.63
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*22.54*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*101.43*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*140.88*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*225.41*	
		For >50 To 100, Deduct	*-18.79*	
		For >100, Deduct	*-26.62*	
08 14 23 19-0094	EA	2'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	313.11	62.63
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*22.54*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*101.43*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*140.88*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*225.41*	
		For >50 To 100, Deduct	*-18.79*	
		For >100, Deduct	*-26.62*	
08 14 23 19-0095	EA	2'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	329.68	65.48
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*23.85*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*107.31*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*149.04*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*238.46*	
		For >50 To 100, Deduct	*-19.76*	
		For >100, Deduct	*-28.00*	
08 14 23 19-0096	EA	2'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	340.54	65.48
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*25.15*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*113.17*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*157.19*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*251.50*	
		For >50 To 100, Deduct	*-20.30*	
		For >100, Deduct	*-28.81*	
08 14 23 19-0097	EA	2'-10" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	342.56	65.48
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*25.39*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*114.26*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*158.70*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*253.92*	
		For >50 To 100, Deduct	*-20.40*	
		For >100, Deduct	*-28.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 19-0098	EA	3'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	350.29	68.33
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*25.64*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*115.37*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*160.23*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*256.37*	
		For >50 To 100, Deduct	*-20.93*	
		For >100, Deduct	*-29.69*	
08 14 23 19-0099	EA	3'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	373.83	68.33
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*28.46*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*128.08*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*177.89*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*284.62*	
		For >50 To 100, Deduct	*-22.11*	
		For >100, Deduct	*-31.45*	
08 14 23 19-0100	EA	3'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	422.53	71.17
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*33.62*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*151.30*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*210.14*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*336.22*	
		For >50 To 100, Deduct	*-24.69*	
		For >100, Deduct	*-35.25*	
08 14 23 19-0101	EA	3'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	436.55	71.17
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*35.30*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*158.87*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*220.65*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*353.04*	
		For >50 To 100, Deduct	*-25.39*	
		For >100, Deduct	*-36.30*	
08 14 23 19-0102	EA	4'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	464.56	71.17
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*38.67*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*173.99*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*241.66*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*386.65*	
		For >50 To 100, Deduct	*-26.79*	
		For >100, Deduct	*-38.40*	
08 14 23 19-0103	EA	2'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	349.74	62.63
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*26.94*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*121.21*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*168.35*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*269.36*	
		For >50 To 100, Deduct	*-20.62*	
		For >100, Deduct	*-29.36*	
08 14 23 19-0104	EA	2'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	349.74	62.63
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*26.94*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*121.21*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*168.35*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*269.36*	
		For >50 To 100, Deduct	*-20.62*	
		For >100, Deduct	*-29.36*	
08 14 23 19-0105	EA	2'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	368.44	65.48
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*28.50*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*128.24*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*178.11*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*284.98*	
		For >50 To 100, Deduct	*-21.70*	
		For >100, Deduct	*-30.91*	
08 14 23 19-0106	EA	2'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	381.42	65.48
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*30.06*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*135.25*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*187.85*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*300.55*	
		For >50 To 100, Deduct	*-22.35*	
		For >100, Deduct	*-31.88*	
08 14 23 19-0107	EA	2'-10" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	383.82	65.48
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*30.34*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*136.54*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*189.65*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*303.43*	
		For >50 To 100, Deduct	*-22.47*	
		For >100, Deduct	*-32.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 19-0108	EA	3'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	391.96	68.33
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*30.64*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*137.87*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*191.48*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*306.37*	
		For >50 To 100, Deduct	*-23.01*	
		For >100, Deduct	*-32.81*	
08 14 23 19-0109	EA	3'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	420.08	68.33
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*34.01*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*153.05*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*212.57*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*340.12*	
		For >50 To 100, Deduct	*-24.42*	
		For >100, Deduct	*-34.92*	
08 14 23 19-0110	EA	3'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	477.16	71.17
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*40.18*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*180.80*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*251.11*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*401.77*	
		For >50 To 100, Deduct	*-27.42*	
		For >100, Deduct	*-39.35*	
08 14 23 19-0111	EA	3'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	493.93	71.17
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*42.19*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*189.85*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*263.69*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*421.90*	
		For >50 To 100, Deduct	*-28.26*	
		For >100, Deduct	*-40.60*	
08 14 23 19-0112	EA	4'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	527.39	71.17
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*46.20*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*207.92*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*288.78*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*462.05*	
		For >50 To 100, Deduct	*-29.93*	
		For >100, Deduct	*-43.11*	

08 14 66 Wood Screen Doors *(08 14)*

08 14 66 00-0001 Wood Screen Storm Door, Residential Grade *(08 14 66)*

Note: Includes frame, trim, necessary anchors and usual hardware (closures, chain and spring, latching, screens, etc.).

08 14 66 00-0002	EA	2'-8" x 6'-8" x 1-3/8" Thick, Wood Screen Door, Residential, With Frame, Trim, Hardware	497.20	163.99
08 14 66 00-0003	EA	3' x 6'-8" x 1-3/8" Thick, Wood Screen Door, Residential, With Frame, Trim, Hardware	522.51	182.21
08 14 66 00-0004	EA	2'-8" x 7" x 1-3/8" Thick, Wood Screen Door, Residential, With Frame, Trim, Hardware	497.20	163.99
08 14 66 00-0005	EA	3' x 7' x 1-3/8" Thick, Wood Screen Door, Residential, With Frame, Trim, Hardware	522.51	182.21

08 14 73 Sliding Wood Doors *(08 14)*

08 14 73 00-0001 Sliding Pocket Door *(08 14 73)*

Note: Includes unfinished door, frame and trim, and all mounting and door hardware. See CSI section 08 14 73 00-0055 for accessories to be added.

08 14 73 00-0002 Birch Faced Pocket Door *(08 14 73 00-0001)*

Note: Includes door, frame and trim, and all mounting and door hardware.

08 14 73 00-0003 1-3/8" Thick, Birch Faced Wood Pocket Door *(08 14 73 00-0002)*

See CSI section 08 14 73 00-0055 for all jambs and track hardware.

08 14 73 00-0004 6'-8" High, 1-3/8" Thick, Birch Faced Wood Pocket Door *(08 14 73 00-0003)*

08 14 73 00-0005	EA	2'-0" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	513.24	39.86
		For Oak, Add	*119.66*	
		For Ash/Hickory, Add	*174.28*	
		For Walnut, Add	*254.05*	
		For Cherry, Add	*413.16*	
08 14 73 00-0006	EA	2'-4" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	529.45	42.71
		For Oak, Add	*122.56*	
		For Ash/Hickory, Add	*178.51*	
		For Walnut, Add	*260.21*	
		For Cherry, Add	*423.18*	
08 14 73 00-0007	EA	2'-6" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	548.25	45.55
		For Oak, Add	*126.18*	
		For Ash/Hickory, Add	*183.79*	
		For Walnut, Add	*267.91*	
		For Cherry, Add	*435.69*	
08 14 73 00-0008	EA	2'-8" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	561.84	48.40
		For Oak, Add	*128.36*	
		For Ash/Hickory, Add	*186.96*	
		For Walnut, Add	*272.53*	
		For Cherry, Add	*443.21*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 73 00-0009	EA	2'-10" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	580.68	51.25
		For Oak, Add	*131.98*	
		For Ash/Hickory, Add	*192.24*	
		For Walnut, Add	*280.23*	
		For Cherry, Add	*455.72*	
08 14 73 00-0010	EA	3'-0" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	596.89	54.10
		For Oak, Add	*134.89*	
		For Ash/Hickory, Add	*196.47*	
		For Walnut, Add	*286.39*	
		For Cherry, Add	*465.75*	
08 14 73 00-0011	EA	4' Wide, Two 2'-0" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,009.43	71.17
		For Oak, Add	*239.31*	
		For Ash/Hickory, Add	*348.57*	
		For Walnut, Add	*508.11*	
		For Cherry, Add	*826.33*	
08 14 73 00-0012	EA	5' Wide, Two 2'-6" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,068.10	76.87
		For Oak, Add	*252.37*	
		For Ash/Hickory, Add	*367.58*	
		For Walnut, Add	*535.82*	
		For Cherry, Add	*871.39*	
08 14 73 00-0013	EA	6' Wide, Two 3'-0" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,142.56	82.56
		For Oak, Add	*269.77*	
		For Ash/Hickory, Add	*392.93*	
		For Walnut, Add	*572.77*	
		For Cherry, Add	*931.49*	

08 14 73 00-0014 7' High, 1-3/8" Thick Birch Faced Wood Pocket Door *(08 14 73 00-0003)*

08 14 73 00-0015	EA	2'-0" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	605.20	39.86
		For Oak, Add	*122.97*	
		For Ash/Hickory, Add	*122.97*	
		For Walnut, Add	*202.32*	
		For Cherry, Add	*379.94*	
08 14 73 00-0016	EA	2'-4" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	634.55	42.71
		For Oak, Add	*128.50*	
		For Ash/Hickory, Add	*128.50*	
		For Walnut, Add	*211.42*	
		For Cherry, Add	*397.04*	
08 14 73 00-0017	EA	2'-6" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	655.98	45.55
		For Oak, Add	*132.19*	
		For Ash/Hickory, Add	*132.19*	
		For Walnut, Add	*217.49*	
		For Cherry, Add	*408.43*	
08 14 73 00-0018	EA	2'-8" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	674.82	48.40
		For Oak, Add	*135.26*	
		For Ash/Hickory, Add	*135.26*	
		For Walnut, Add	*222.55*	
		For Cherry, Add	*417.93*	
08 14 73 00-0019	EA	2'-10" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	691.04	51.25
		For Oak, Add	*137.72*	
		For Ash/Hickory, Add	*137.72*	
		For Walnut, Add	*226.60*	
		For Cherry, Add	*425.53*	
08 14 73 00-0020	EA	3'-0" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	712.49	54.10
		For Oak, Add	*141.41*	
		For Ash/Hickory, Add	*141.41*	
		For Walnut, Add	*232.66*	
		For Cherry, Add	*436.92*	
08 14 73 00-0021	EA	4' Wide, Two 2'-0" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,193.35	71.17
		For Oak, Add	*245.93*	
		For Ash/Hickory, Add	*245.93*	
		For Walnut, Add	*404.64*	
		For Cherry, Add	*759.87*	
08 14 73 00-0022	EA	5' Wide, Two 2'-6" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,283.55	76.87
		For Oak, Add	*264.38*	
		For Ash/Hickory, Add	*264.38*	
		For Walnut, Add	*434.98*	
		For Cherry, Add	*816.86*	
08 14 73 00-0023	EA	6' Wide, Two 3' x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,373.78	82.56
		For Oak, Add	*282.82*	
		For Ash/Hickory, Add	*282.82*	
		For Walnut, Add	*465.33*	
		For Cherry, Add	*873.85*	

08 14 73 00-0024 1-3/4" Thick, Birch Faced Wood Pocket Door *(08 14 73 00-0002)*

See CSI section 08 14 73 00-0055 for all jambs and track hardware.

08 14 73 00-0025 6'-8" High, 1-3/4" Thick Birch Faced Wood Pocket Door *(08 14 73 00-0024)*

08 14 73 00-0026	EA	2'-0" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	762.85	39.86
		For Oak, Add	*159.86*	
		For Ash/Hickory, Add	*159.86*	
		For Walnut, Add	*263.01*	
		For Cherry, Add	*493.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 73 00-0027	EA	2'-4" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	800.08	42.71
		For Oak, Add	*167.24*	
		For Ash/Hickory, Add	*167.24*	
		For Walnut, Add	*275.15*	
		For Cherry, Add	*516.71*	
08 14 73 00-0028	EA	2'-6" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	821.51	45.55
		For Oak, Add	*170.92*	
		For Ash/Hickory, Add	*170.92*	
		For Walnut, Add	*281.22*	
		For Cherry, Add	*528.11*	
08 14 73 00-0029	EA	2'-8" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	845.61	48.40
		For Oak, Add	*175.23*	
		For Ash/Hickory, Add	*175.23*	
		For Walnut, Add	*288.30*	
		For Cherry, Add	*541.41*	
08 14 73 00-0030	EA	2'-10" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	867.08	51.25
		For Oak, Add	*178.92*	
		For Ash/Hickory, Add	*178.92*	
		For Walnut, Add	*294.37*	
		For Cherry, Add	*552.81*	
08 14 73 00-0031	EA	3'-0" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	888.54	54.10
		For Oak, Add	*182.61*	
		For Ash/Hickory, Add	*182.61*	
		For Walnut, Add	*300.44*	
		For Cherry, Add	*564.21*	
08 14 73 00-0032	EA	4' Wide, Two 2'-0" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,508.65	71.17
		For Oak, Add	*319.71*	
		For Ash/Hickory, Add	*319.71*	
		For Walnut, Add	*526.03*	
		For Cherry, Add	*987.83*	
08 14 73 00-0033	EA	5' Wide, Two 2'-6" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,614.62	76.87
		For Oak, Add	*341.85*	
		For Ash/Hickory, Add	*341.85*	
		For Walnut, Add	*562.44*	
		For Cherry, Add	*1,056.22*	
08 14 73 00-0034	EA	6' Wide, Two 3'-0" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,725.87	82.56
		For Oak, Add	*365.21*	
		For Ash/Hickory, Add	*365.21*	
		For Walnut, Add	*600.88*	
		For Cherry, Add	*1,128.42*	

08 14 73 00-0035 7' High, 1-3/4" Thick Birch Faced Wood Pocket Door *(08 14 73 00-0024)*

08 14 73 00-0036	EA	2'-0" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	815.40	39.86
		For Oak, Add	*172.15*	
		For Ash/Hickory, Add	*172.15*	
		For Walnut, Add	*283.24*	
		For Cherry, Add	*531.91*	
08 14 73 00-0037	EA	2'-4" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	857.88	42.71
		For Oak, Add	*180.76*	
		For Ash/Hickory, Add	*180.76*	
		For Walnut, Add	*297.40*	
		For Cherry, Add	*558.50*	
08 14 73 00-0038	EA	2'-6" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	881.95	45.55
		For Oak, Add	*185.07*	
		For Ash/Hickory, Add	*185.07*	
		For Walnut, Add	*304.49*	
		For Cherry, Add	*571.81*	
08 14 73 00-0039	EA	2'-8" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	906.04	48.40
		For Oak, Add	*189.37*	
		For Ash/Hickory, Add	*189.37*	
		For Walnut, Add	*311.57*	
		For Cherry, Add	*585.10*	
08 14 73 00-0040	EA	2'-10" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	927.52	51.25
		For Oak, Add	*193.06*	
		For Ash/Hickory, Add	*193.06*	
		For Walnut, Add	*317.64*	
		For Cherry, Add	*596.50*	
08 14 73 00-0041	EA	3'-0" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	951.60	54.10
		For Oak, Add	*197.36*	
		For Ash/Hickory, Add	*197.36*	
		For Walnut, Add	*324.72*	
		For Cherry, Add	*609.80*	
08 14 73 00-0042	EA	4' Wide, Two 2'-0" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,613.75	71.17
		For Oak, Add	*344.31*	
		For Ash/Hickory, Add	*344.31*	
		For Walnut, Add	*566.49*	
		For Cherry, Add	*1,063.82*	
08 14 73 00-0043	EA	5' Wide, Two 2'-6" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,735.49	76.87
		For Oak, Add	*370.13*	
		For Ash/Hickory, Add	*370.13*	
		For Walnut, Add	*608.98*	
		For Cherry, Add	*1,143.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 73 00-0044	EA	6' Wide, Two 3'-0" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,851.99	82.56
		For Oak, Add	*394.73*	
		For Ash/Hickory, Add	*394.73*	
		For Walnut, Add	*649.44*	
		For Cherry, Add	*1,219.60*	

08 14 73 00-0045 8' High, 1-3/4" Thick Birch Faced Wood Pocket Door *(08 14 73 00-0024)*

08 14 73 00-0046	EA	2'-0" x 8' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	867.95	39.86
		For Oak, Add	*184.45*	
		For Ash/Hickory, Add	*184.45*	
		For Walnut, Add	*303.48*	
		For Cherry, Add	*569.90*	
08 14 73 00-0047	EA	2'-4" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	910.44	42.71
		For Oak, Add	*193.06*	
		For Ash/Hickory, Add	*193.06*	
		For Walnut, Add	*317.64*	
		For Cherry, Add	*596.50*	
08 14 73 00-0048	EA	2'-6" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	937.13	45.55
		For Oak, Add	*197.98*	
		For Ash/Hickory, Add	*197.98*	
		For Walnut, Add	*325.73*	
		For Cherry, Add	*611.70*	
08 14 73 00-0049	EA	2'-8" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	963.85	48.40
		For Oak, Add	*202.90*	
		For Ash/Hickory, Add	*202.90*	
		For Walnut, Add	*333.83*	
		For Cherry, Add	*626.90*	
08 14 73 00-0050	EA	2'-10" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	985.32	51.25
		For Oak, Add	*206.58*	
		For Ash/Hickory, Add	*206.58*	
		For Walnut, Add	*339.89*	
		For Cherry, Add	*638.29*	
08 14 73 00-0051	EA	3'-0" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,012.03	54.10
		For Oak, Add	*211.50*	
		For Ash/Hickory, Add	*211.50*	
		For Walnut, Add	*347.99*	
		For Cherry, Add	*653.49*	
08 14 73 00-0052	EA	4' Wide, Two 2'-0" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,718.85	71.17
		For Oak, Add	*368.90*	
		For Ash/Hickory, Add	*368.90*	
		For Walnut, Add	*606.95*	
		For Cherry, Add	*1,139.81*	
08 14 73 00-0053	EA	5' Wide, Two 2'-6" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,845.84	76.87
		For Oak, Add	*395.95*	
		For Ash/Hickory, Add	*395.95*	
		For Walnut, Add	*651.46*	
		For Cherry, Add	*1,223.40*	
08 14 73 00-0054	EA	6' Wide, Two 3'-0" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,972.85	82.56
		For Oak, Add	*423.01*	
		For Ash/Hickory, Add	*423.01*	
		For Walnut, Add	*695.97*	
		For Cherry, Add	*1,306.98*	

08 14 73 00-0055 Accessories *(08 14 73 00-0001)*

08 14 73 00-0056 Jamb Replacement *(08 14 73 00-0055)*

08 14 73 00-0057	EA	4-9/16 Or 4-3/4" Birch Jamb Replacement For Pocket Doors	141.19	
		For Oak, Add	*9.52*	
		For Ash/Hickory, Add	*14.91*	
		For Walnut, Add	*32.60*	
		For Cherry, Add	*51.65*	
08 14 73 00-0058	EA	5-1/4" Birch Jamb Replacement For Pocket Doors	143.90	
		For Oak, Add	*9.83*	
		For Ash/Hickory, Add	*15.39*	
		For Walnut, Add	*33.65*	
		For Cherry, Add	*53.31*	
08 14 73 00-0059	EA	6-9/16" Or 6-3/4" Birch Jamb Replacement For Pocket Doors	161.57	
		For Oak, Add	*11.82*	
		For Ash/Hickory, Add	*18.52*	
		For Walnut, Add	*40.49*	
		For Cherry, Add	*64.14*	

08 14 73 00-0060 Track And Hardware Replacement Kits *(08 14 73 00-0055)*

Note: For double doors, use 2 appropriate sized hardware and 1 converging kit.

08 14 73 00-0061	EA	Up To 2'-6" x 6'-8" Door Track And Hardware Replacement For Pocket Door	301.77	
08 14 73 00-0062	EA	2'-8" x 6'-8" Door Track And Hardware Replacement For Pocket Door	304.47	
08 14 73 00-0063	EA	3'-0" x 6'-8" Door Track And Hardware Replacement For Pocket Door	309.88	
08 14 73 00-0064	EA	Up To 2'-6" x 7' Door Track And Hardware Replacement For Pocket Door	361.27	
08 14 73 00-0065	EA	2'-8" x 7' Door Track And Hardware Replacement For Pocket Door	363.97	
08 14 73 00-0066	EA	3'-0" x 7' Door Track And Hardware Replacement For Pocket Door	369.38	
08 14 73 00-0067	EA	Up To 2'-6" x 8' Door Track And Hardware	388.31	
08 14 73 00-0068	EA	2'-8" x 8' Door Track And Hardware Replacement For Pocket Door	391.02	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 73 00-0069	EA	3'-0" x 8' Door Track And Hardware Replacement For Pocket Door	396.43	
08 14 73 00-0070	EA	Double Door Converging Kit For Pocket Door	44.13	
08 14 73 00-0071		**Bi-Pass Doors** *(08 14 73)* Note: Includes unfinished doors, fascia track, hangers, door guide, doorstop, and pulls. 125 LB maximum door weight (each opening).		
08 14 73 00-0072		**Flush, Hollow Core (HC), Birch Faced Wood Bi-Pass Doors** *(08 14 73 00-0071)*		
08 14 73 00-0073	EA	4' Wide, Two 2'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Pass Doors	456.14	91.07
08 14 73 00-0074	EA	5' Wide, Two 2'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Pass Doors	501.77	96.75
08 14 73 00-0075	EA	6' Wide, Two 3'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Pass Doors	547.97	102.45
08 14 73 00-0076	EA	8' Wide, Four 2'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Pass Doors	758.88	108.14
08 14 73 00-0077		**Flush, Hollow Core (HC), Lauan Faced Wood Bi-Pass Doors** *(08 14 73 00-0071)*		
08 14 73 00-0078	EA	4' Wide, Two 2'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Pass Doors	424.40	91.07
08 14 73 00-0079	EA	5' Wide, Two 2'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Pass Doors	452.28	96.75
08 14 73 00-0080	EA	6' Wide, Two 3'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Pass Doors	493.50	102.45
08 14 73 00-0081	EA	8' Wide, Four 2'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Pass Doors	695.40	108.14
08 14 73 00-0082		**Molded Panel, Hollow Core (HC), High-Density Fiberboard (HDF) Faced Wood Bi-Pass Doors** *(08 14 73 00-0071)*		
08 14 73 00-0083	EA	4' Wide, Two 2'-0" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High-Density Fiberboard (HDF) Faced Wood Bi-Pass Doors	457.03	91.07
08 14 73 00-0084	EA	5' Wide, Two 2'-6" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High-Density Fiberboard (HDF) Faced Wood Bi-Pass Doors	499.57	96.75
08 14 73 00-0085	EA	6' Wide, Two 3'-0" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High-Density Fiberboard (HDF) Faced Wood Bi-Pass Doors	544.31	102.45
08 14 73 00-0086	EA	8' Wide, Four 2'-0" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High-Density Fiberboard (HDF) Faced Wood Bi-Pass Doors	760.66	108.14
08 14 76		**Bifolding Wood Doors** *(08 14)*		
08 14 76 00-0001		**Bi-Fold Wood Doors** *(08 14 76)* Note: Includes doors, track, top and bottom pivots, door guide, track stop, panel hinge, bottom pivot bracket, top pivot lock, and 4-door aligner (when necessary). Excludes doorframe and knobs.		
08 14 76 00-0002		**Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors** *(08 14 76 00-0001)*		
08 14 76 00-0003	EA	2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors	214.29	68.30
08 14 76 00-0004	EA	2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors	225.67	73.99
08 14 76 00-0005	EA	2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors	242.23	79.69
08 14 76 00-0006	EA	3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors	253.62	85.37
08 14 76 00-0007	EA	4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors	331.24	91.07
08 14 76 00-0008	EA	5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors	342.62	96.75
08 14 76 00-0009	EA	6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors	364.99	102.45
08 14 76 00-0010		**Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors** *(08 14 76 00-0001)*		
08 14 76 00-0011	EA	2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors	226.96	68.30
08 14 76 00-0012	EA	2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors	242.50	73.99
08 14 76 00-0013	EA	2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors	261.86	79.69
08 14 76 00-0014	EA	3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors	273.25	85.37
08 14 76 00-0015	EA	4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors	358.38	91.07
08 14 76 00-0016	EA	5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors	384.93	96.75
08 14 76 00-0017	EA	6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors	413.07	102.45
08 14 76 00-0018		**Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors** *(08 14 76 00-0001)*		
08 14 76 00-0019	EA	2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	227.55	68.30
08 14 76 00-0020	EA	2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	250.62	73.99
08 14 76 00-0021	EA	2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	269.35	79.69
08 14 76 00-0022	EA	3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	280.74	85.37
08 14 76 00-0023	EA	4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	364.93	91.07
08 14 76 00-0024	EA	5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	378.94	96.75
08 14 76 00-0025	EA	6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	413.07	102.45
08 14 76 00-0026		**Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors** *(08 14 76 00-0001)*		
08 14 76 00-0027	EA	2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors	604.33	68.30
08 14 76 00-0028	EA	2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors	691.28	73.99
08 14 76 00-0029	EA	2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors	790.49	79.69
08 14 76 00-0030	EA	3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors	801.88	85.37
08 14 76 00-0031	EA	4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors	1,117.60	91.07
08 14 76 00-0032	EA	5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors	1,280.13	96.75
08 14 76 00-0033	EA	6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors	1,467.16	102.45
08 14 76 00-0034		**Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors** *(08 14 76 00-0001)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 76 00-0035	EA	2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	777.94	68.30
08 14 76 00-0036	EA	2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	844.47	73.99
08 14 76 00-0037	EA	2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	923.25	79.69
08 14 76 00-0038	EA	3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	934.64	85.37
08 14 76 00-0039	EA	4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	1,464.83	91.07
08 14 76 00-0040	EA	5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	1,586.50	96.75
08 14 76 00-0041	EA	6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	1,732.69	102.45

08 14 76 00-0042 Molded Panel, Hollow Core (HC), High-Density Fiberboard (HDF) Faced Wood Bi-Fold Doors *(08 14 76 00-0001)*

08 14 76 00-0043	EA	2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High-Density Fiberboard (HDF) Faced Wood Bi-Fold Doors	218.75	68.30
08 14 76 00-0044	EA	2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High-Density Fiberboard (HDF) Faced Wood Bi-Fold Doors	235.34	73.99
08 14 76 00-0045	EA	2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High-Density Fiberboard (HDF) Faced Wood Bi-Fold Doors	257.75	79.69
08 14 76 00-0046	EA	3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High-Density Fiberboard (HDF) Faced Wood Bi-Fold Doors	259.85	85.37
08 14 76 00-0047	EA	4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High-Density Fiberboard (HDF) Faced Wood Bi-Fold Doors	323.89	91.07
08 14 76 00-0048	EA	5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High-Density Fiberboard (HDF) Faced Wood Bi-Fold Doors	349.85	96.75
08 14 76 00-0049	EA	6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High-Density Fiberboard (HDF) Faced Wood Bi-Fold Doors	392.74	102.45

08 16 Composite Doors *(08 10)*

Note: Includes machining for all hardware. Excludes frames, finish hardware. See CSI section 08 70 00 00-0000 for finish hardware.

08 16 13 Fiberglass Doors *(08 16)*

See CSI section 08 70 00 00-0000 for finish hardware.

08 16 13 00-0001 Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Frames And Doors *(08 16 13)*

08 16 13 00-0002 Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0001)*

08 16 13 00-0003 Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0002)*

Note: White, tan, brown or gray finish. Includes factory hardware prep and 25 Mil resin rich gel coat.

08 16 13 00-0004 Standard, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0003)*

Note: Includes fiberglass reinforced polyester (FRP) doorframe, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.

08 16 13 00-0005 6'-8" High, Standard Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0004)*

08 16 13 00-0006	EA	3' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,545.09	68.33
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0007	EA	3'-6" x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,784.90	71.17
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0008	EA	4' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,149.44	76.87
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	

08 16 13 00-0009 7' High, Standard Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0004)*

08 16 13 00-0010	EA	3' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,545.09	68.33
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0011	EA	3'-6" x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,880.13	71.17
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0012	EA	4' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,250.62	76.87
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	

08 16 13 00-0013 Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0003)*

Note: Includes fiberglass reinforced polyester (FRP) doorframe, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.

08 16 13 00-0014 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0013)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 16 13 00-0015		6'-8" High, 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0014)*		
08 16 13 00-0016	EA	3' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,211.70	68.33
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0017	EA	3'-6" x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,298.75	71.17
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0018	EA	4' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,903.34	76.87
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0019		7' High, 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0014)*		
08 16 13 00-0020	EA	3' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,211.70	68.33
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0021	EA	3'-6" x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,608.24	71.17
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0022	EA	4' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	5,018.41	76.87
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0023		60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0013)*		
08 16 13 00-0024		6'-8" High, 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0023)*		
08 16 13 00-0025	EA	3' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,211.70	68.33
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0026	EA	3'-6" x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,298.75	71.17
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0027	EA	4' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,903.34	76.87
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0028		7' High, 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0023)*		
08 16 13 00-0029	EA	3' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,211.70	68.33
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0030	EA	3'-6" x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,608.24	71.17
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0031	EA	4' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	5,018.41	76.87
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0032		90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0013)*		
08 16 13 00-0033		6'-8" High, 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0032)*		
08 16 13 00-0034	EA	3' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,211.70	68.33
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0035	EA	3'-6" x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,298.75	71.17
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 16 13 00-0036	EA	4' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,903.34	76.87
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0037		**7' High, 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf)** *(08 16 13 00-0032)*		
08 16 13 00-0038	EA	3' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,211.70	68.33
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0039	EA	3'-6" x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,608.24	71.17
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0040	EA	4' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	5,018.41	76.87
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0041		**Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf)** *(08 16 13 00-0003)*		
		Note: Includes fiberglass reinforced polyester (FRP) doorframe, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.		
08 16 13 00-0042		**6'-8" High, Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf)** *(08 16 13 00-0041)*		
08 16 13 00-0043	EA	3' x 6'-8", Storm Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,749.44	68.33
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0044		**7' High, Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf)** *(08 16 13 00-0041)*		
08 16 13 00-0045	EA	3' x 7', Storm Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,749.44	68.33
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0046		**Accessories For Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors (Chem-Pruf)** *(08 16 13 00-0002)*		
08 16 13 00-0047	SI	1/4" Tempered, Factory Installed Vision Glass (Chem-Pruf)	0.51	
08 16 13 00-0048	SI	1/4" Laminated, Factory Installed Vision Glass (Chem-Pruf)	0.52	
08 16 13 00-0049	SI	1/4" Wire, Factory Installed Vision Glass (Chem-Pruf)	0.68	
08 16 13 00-0050	SI	1/2" Insulated, Factory Installed Vision Glass (Chem-Pruf)	0.66	
08 16 13 00-0051	SI	Factory Installed Molded Louver (Chem-Pruf)	1.31	
08 16 13 00-0052	SI	Factory Installed Molded Louver With Insect Screen (Chem-Pruf)	1.46	
08 16 13 00-0053	LF	Weather Strip (Chem-Pruf)	13.89	
08 16 13 00-0054	LF	Fiberglass Reinforced Polyester (FRP) Astragal With Seal (Chem-Pruf)	17.86	
08 16 13 00-0055	LF	1/2" Fiberglass Reinforced Polyester (FRP) Grooved Saddle Threshold (Chem-Pruf)	37.70	
08 16 13 00-0056	LF	Fiberglass Reinforced Polyester (FRP) Door Sweep (Chem-Pruf)	41.66	
08 16 13 00-0057	LF	2-1/4" Fiberglass Reinforced Polyester (FRP) Center Door Mullion (Chem-Pruf)	81.34	
08 16 13 00-0058		**Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door)** *(08 16 13 00-0001)*		
08 16 13 00-0059		**Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door)** *(08 16 13 00-0058)*		
		Note: White, tan, brown or gray finish. Includes factory hardware prep.		
08 16 13 00-0060		**Standard, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door)** *(08 16 13 00-0059)*		
		Note: Includes fiberglass reinforced polyester (FRP) doorframe, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.		
08 16 13 00-0061		**6'-8" High, Standard Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door)** *(08 16 13 00-0060)*		
08 16 13 00-0062	EA	3' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,705.04	68.33
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0063	EA	3'-6" x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,741.95	71.17
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0064	EA	4' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,873.37	76.87
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 16 13 00-0065		7' High, Standard Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0060)*		
08 16 13 00-0066	EA	3' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,705.04	68.33
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0067	EA	3'-6" x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,861.98	71.17
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0068	EA	4' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,873.37	76.87
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0069		Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0059)*		
		Note: Includes fiberglass reinforced polyester (FRP) doorframe, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.		
08 16 13 00-0070		45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0069)*		
08 16 13 00-0071		6'-8" High, 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0070)*		
08 16 13 00-0072	EA	3' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,505.49	68.33
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0073	EA	3'-6" x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,597.61	71.17
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0074	EA	4' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,815.45	76.87
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0075		7' High, 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0070)*		
08 16 13 00-0076	EA	3' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,505.49	68.33
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0077	EA	3'-6" x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,631.22	71.17
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0078	EA	4' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,918.68	76.87
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0079		60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0069)*		
08 16 13 00-0080		6'-8" High, 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0079)*		
08 16 13 00-0081	EA	3' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,505.49	68.33
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0082	EA	3'-6" x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,597.61	71.17
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0083	EA	4' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,815.45	76.87
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0084		7' High, 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0079)*		
08 16 13 00-0085	EA	3' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,505.49	68.33
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0086	EA	3'-6" x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,631.22	71.17
		For Custom Color Finish, Add	*185.50*	
		For Stainless Steel Continuous Hinge, Add	*412.90*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	08 16 13 00-0087	EA	4' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,918.68	76.87
			For Custom Color Finish, Add	*185.50*	
			For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0088			90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0069)*		
08 16 13 00-0089			6'-8" High, 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0088)*		
	08 16 13 00-0090	EA	3' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,505.49	68.33
			For Custom Color Finish, Add	*185.50*	
			For Stainless Steel Continuous Hinge, Add	*412.90*	
	08 16 13 00-0091	EA	3'-6" x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,597.61	71.17
			For Custom Color Finish, Add	*185.50*	
			For Stainless Steel Continuous Hinge, Add	*412.90*	
	08 16 13 00-0092	EA	4' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,815.45	76.87
			For Custom Color Finish, Add	*185.50*	
			For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0093			7' High, 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0088)*		
	08 16 13 00-0094	EA	3' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,505.49	68.33
			For Custom Color Finish, Add	*185.50*	
			For Stainless Steel Continuous Hinge, Add	*412.90*	
	08 16 13 00-0095	EA	3'-6" x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,631.22	71.17
			For Custom Color Finish, Add	*185.50*	
			For Stainless Steel Continuous Hinge, Add	*412.90*	
	08 16 13 00-0096	EA	4' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,918.68	76.87
			For Custom Color Finish, Add	*185.50*	
			For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0097			Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0059)*		
			Note: Includes fiberglass reinforced polyester (FRP) doorframe, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.		
08 16 13 00-0098			6'-8" High, Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0097)*		
	08 16 13 00-0099	EA	3' x 6'-8", Storm Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	3,065.13	68.33
			For Custom Color Finish, Add	*185.50*	
			For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0100			7' High, Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0097)*		
	08 16 13 00-0101	EA	3' x 7', Storm Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	3,065.13	68.33
			For Custom Color Finish, Add	*185.50*	
			For Stainless Steel Continuous Hinge, Add	*412.90*	
08 16 13 00-0102			Accessories For Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors (Skule Door) *(08 16 13 00-0058)*		
	08 16 13 00-0103	SI	1/4" Tempered, Factory Installed Vision Glass (Skule Door)	1.13	
	08 16 13 00-0104	SI	1/4" Laminated, Factory Installed Vision Glass (Skule Door)	1.17	
	08 16 13 00-0105	SI	1/4" Wire, Factory Installed Vision Glass (Skule Door)	1.23	
	08 16 13 00-0106	SI	1/2" Insulated, Factory Installed Vision Glass (Skule Door)	1.77	
	08 16 13 00-0107	SI	Factory Installed Molded Louver (Skule Door)	0.70	
	08 16 13 00-0108	SI	Factory Installed Molded Louver With Insect Screen (Skule Door)	1.12	
	08 16 13 00-0109	LF	Weather Strip (Skule Door)	9.60	
	08 16 13 00-0110	LF	Fiberglass Reinforced Polyester (FRP) Astragal With Seal (Skule Door)	12.00	
	08 16 13 00-0111	LF	1/2" Fiberglass Reinforced Polyester (FRP) Grooved Saddle Threshold (Skule Door)	38.41	
	08 16 13 00-0112	LF	Fiberglass Reinforced Polyester (FRP) Door Sweep (Skule Door)	136.83	
	08 16 13 00-0113	LF	2-1/4" Fiberglass Reinforced Polyester (FRP) Center Door Mullion (Skule Door)	52.81	
08 16 13 00-0114			Galvanized Insulated Poly Core Composite Doors *(08 16 13)*		
	08 16 13 00-0115	EA	3'-0" x 7'-0" x 1-3/4" Thick, Flush, 18 Gauge, Galvanized, Insulated Poly Core Composite Door (Curries 707N)	1,383.29	68.33

08 17 Integrated Door Opening Assemblies *(08 10)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

08 17 23 Integrated Metal Door Opening Assemblies *(08 17)*

08 17 23 00-0001 Pre-Hung Interior Door Units *(08 17 23)*

Note: Includes door, frame, and trim, all mounting hardware (standard duty ball bearing hinges). Excludes lockset.

08 17 23 00-0002 Hollow Core Doors, 1-3/8" Thick *(08 17 23 00-0001)*

08 17 23 00-0003 Birch Faced *(08 17 23 00-0002)*

08 17 23 00-0004	EA	2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	387.76	71.17
		For 8' Door Height, Add	*58.90*	
08 17 23 00-0005	EA	2'-6" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	402.83	71.17
		For 8' Door Height, Add	*62.52*	
08 17 23 00-0006	EA	2'-8" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	423.62	74.02
		For 8' Door Height, Add	*66.14*	
08 17 23 00-0007	EA	3' x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	433.80	76.87
		For 8' Door Height, Add	*67.21*	
08 17 23 00-0008	EA	3'-4" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	461.15	76.87
		For 8' Door Height, Add	*73.78*	
08 17 23 00-0009	EA	3'-6" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	486.54	79.72
		For 8' Door Height, Add	*78.50*	
08 17 23 00-0010	EA	Pair 2' x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	724.27	116.73
		For 8' Door Height, Add	*117.79*	
08 17 23 00-0011	EA	Pair 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	771.52	125.27
		For 8' Door Height, Add	*125.04*	
08 17 23 00-0012	EA	Pair 3' x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	827.76	133.80
		For 8' Door Height, Add	*134.43*	

08 17 23 00-0013 Lauan Faced *(08 17 23 00-0002)*

08 17 23 00-0014	EA	2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	347.45	71.17
		For 8' Door Height, Add	*49.22*	
08 17 23 00-0015	EA	2'-6" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	361.36	71.17
		For 8' Door Height, Add	*52.56*	
08 17 23 00-0016	EA	2'-8" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	378.77	74.02
		For 8' Door Height, Add	*55.38*	
08 17 23 00-0017	EA	3' x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	392.76	76.87
		For 8' Door Height, Add	*57.36*	
08 17 23 00-0018	EA	3'-4" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	415.61	76.87
		For 8' Door Height, Add	*62.85*	
08 17 23 00-0019	EA	3'-6" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	449.20	79.72
		For 8' Door Height, Add	*69.54*	
08 17 23 00-0020	EA	Pair 2' x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	643.66	116.73
		For 8' Door Height, Add	*98.45*	
08 17 23 00-0021	EA	Pair 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	688.49	125.27
		For 8' Door Height, Add	*105.11*	
08 17 23 00-0022	EA	Pair 3' x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	745.72	133.80
		For 8' Door Height, Add	*114.74*	

08 17 23 00-0023 Tempered Hardboard Faced *(08 17 23 00-0002)*

08 17 23 00-0024	EA	2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	309.56	71.17
		For 8' Door Height, Add	*40.13*	
08 17 23 00-0025	EA	2'-6" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	321.76	71.17
		For 8' Door Height, Add	*43.06*	
08 17 23 00-0026	EA	2'-8" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	333.23	74.02
		For 8' Door Height, Add	*44.45*	
08 17 23 00-0027	EA	3' x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	350.51	76.87
		For 8' Door Height, Add	*47.22*	
08 17 23 00-0028	EA	3'-4" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	372.14	76.87
		For 8' Door Height, Add	*52.42*	
08 17 23 00-0029	EA	3'-6" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	382.88	79.72
		For 8' Door Height, Add	*53.63*	
08 17 23 00-0030	EA	Pair 2' x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	555.02	116.73
		For 8' Door Height, Add	*77.17*	
08 17 23 00-0031	EA	Pair 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	609.32	125.27
		For 8' Door Height, Add	*86.11*	
08 17 23 00-0032	EA	Pair 3' x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	661.14	133.80
		For 8' Door Height, Add	*94.45*	

08 17 23 00-0033 Solid Core Doors, 1-3/8" Thick *(08 17 23 00-0001)*

08 17 23 00-0034 Birch Faced *(08 17 23 00-0033)*

08 17 23 00-0035	EA	2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	517.41	71.17
		For 8' Door Height, Add	*90.01*	
08 17 23 00-0036	EA	2'-6" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	537.13	71.17
		For 8' Door Height, Add	*94.75*	
08 17 23 00-0037	EA	2'-8" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	562.50	74.02
		For 8' Door Height, Add	*99.47*	
08 17 23 00-0038	EA	3' x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	592.22	76.87
		For 8' Door Height, Add	*105.24*	
08 17 23 00-0039	EA	3'-4" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	640.37	76.87
		For 8' Door Height, Add	*116.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 17 23 00-0040	EA	3'-6" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	688.60	79.72
		For 8' Door Height, Add	*127.00*	
08 17 23 00-0041	EA	Pair 2' x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	983.58	116.73
		For 8' Door Height, Add	*180.03*	
08 17 23 00-0042	EA	Pair 2'-6" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	1,040.09	125.27
		For 8' Door Height, Add	*189.50*	
08 17 23 00-0043	EA	Pair 3' x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	1,144.56	133.80
		For 8' Door Height, Add	*210.47*	
08 17 23 00-0044		Lauan Faced *(08 17 23 00-0033)*		
08 17 23 00-0045	EA	2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	438.90	71.17
		For 8' Door Height, Add	*71.17*	
08 17 23 00-0046	EA	2'-6" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	455.20	71.17
		For 8' Door Height, Add	*75.08*	
08 17 23 00-0047	EA	2'-8" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	477.17	74.02
		For 8' Door Height, Add	*78.99*	
08 17 23 00-0048	EA	3' x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	499.33	76.87
		For 8' Door Height, Add	*82.94*	
08 17 23 00-0049	EA	3'-4" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	537.34	76.87
		For 8' Door Height, Add	*92.06*	
08 17 23 00-0050	EA	3'-6" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	567.58	79.72
		For 8' Door Height, Add	*97.95*	
08 17 23 00-0051	EA	Pair 2' x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	826.54	116.73
		For 8' Door Height, Add	*142.34*	
08 17 23 00-0052	EA	Pair 2'-6" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	876.24	125.27
		For 8' Door Height, Add	*150.17*	
08 17 23 00-0053	EA	Pair 3' x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	958.78	133.80
		For 8' Door Height, Add	*165.88*	
08 17 23 00-0054		Tempered Hardboard Faced *(08 17 23 00-0033)*		
08 17 23 00-0055	EA	2'-0" - 2'-4" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	422.23	71.17
		For 8' Door Height, Add	*67.17*	
08 17 23 00-0056	EA	2'-6" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	438.44	71.17
		For 8' Door Height, Add	*71.06*	
08 17 23 00-0057	EA	2'-8" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	460.39	74.02
		For 8' Door Height, Add	*74.96*	
08 17 23 00-0058	EA	3' x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	472.10	76.87
		For 8' Door Height, Add	*76.41*	
08 17 23 00-0059	EA	3'-4" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	507.21	76.87
		For 8' Door Height, Add	*84.83*	
08 17 23 00-0060	EA	3'-6" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	535.54	79.72
		For 8' Door Height, Add	*90.26*	
08 17 23 00-0061	PR	Pair 2' x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	793.22	116.73
		For 8' Door Height, Add	*134.34*	
08 17 23 00-0062	PR	Pair 2'-6" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	842.69	125.27
		For 8' Door Height, Add	*142.12*	
08 17 23 00-0063	PR	Pair 3' x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	904.31	133.80
		For 8' Door Height, Add	*152.81*	
08 17 23 00-0064		Hollow Core Doors, 1-3/4" Thick *(08 17 23 00-0001)*		
08 17 23 00-0065		Birch Faced *(08 17 23 00-0064)*		
08 17 23 00-0066	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	449.07	71.17
		For 8' Door Height, Add	*73.61*	
08 17 23 00-0067	EA	2'-6" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	460.65	71.17
		For 8' Door Height, Add	*76.39*	
08 17 23 00-0068	EA	2'-8" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	470.62	74.02
		For 8' Door Height, Add	*77.42*	
08 17 23 00-0069	EA	3' x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	495.19	76.87
		For 8' Door Height, Add	*81.95*	
08 17 23 00-0070	EA	3'-4" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	545.28	76.87
		For 8' Door Height, Add	*93.97*	
08 17 23 00-0071	EA	3'-6" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	609.49	79.72
		For 8' Door Height, Add	*108.01*	
08 17 23 00-0072	EA	Pair 2' x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	846.94	116.73
		For 8' Door Height, Add	*147.23*	
08 17 23 00-0073	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	887.12	125.27
		For 8' Door Height, Add	*152.78*	
08 17 23 00-0074	EA	Pair 3' x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	950.55	133.80
		For 8' Door Height, Add	*163.90*	
08 17 23 00-0075		Lauan Faced *(08 17 23 00-0064)*		
08 17 23 00-0076	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	402.89	71.17
		For 8' Door Height, Add	*62.53*	
08 17 23 00-0077	EA	2'-6" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	420.85	71.17
		For 8' Door Height, Add	*66.84*	
08 17 23 00-0078	EA	2'-8" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	441.11	74.02
		For 8' Door Height, Add	*70.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 17 23 00-0079	EA	3' x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	452.58	76.87
		For 8' Door Height, Add	*71.72*	
08 17 23 00-0080	EA	3'-4" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	485.43	76.87
		For 8' Door Height, Add	*79.61*	
08 17 23 00-0081	EA	3'-6" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	512.35	79.72
		For 8' Door Height, Add	*84.70*	
08 17 23 00-0082	EA	Pair 2' x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	754.56	116.73
		For 8' Door Height, Add	*125.06*	
08 17 23 00-0083	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	807.52	125.27
		For 8' Door Height, Add	*133.68*	
08 17 23 00-0084	EA	Pair 3' x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	865.31	133.80
		For 8' Door Height, Add	*143.44*	

08 17 23 00-0085 Tempered Hardboard Faced *(08 17 23 00-0064)*

08 17 23 00-0086	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	350.68	71.17
		For 8' Door Height, Add	*50.00*	
08 17 23 00-0087	EA	2'-6" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	356.49	71.17
		For 8' Door Height, Add	*51.39*	
08 17 23 00-0088	EA	2'-8" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	373.75	74.02
		For 8' Door Height, Add	*54.17*	
08 17 23 00-0089	EA	3' x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	391.03	76.87
		For 8' Door Height, Add	*56.95*	
08 17 23 00-0090	EA	3'-4" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	404.25	76.87
		For 8' Door Height, Add	*60.12*	
08 17 23 00-0091	EA	3'-6" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	415.74	79.72
		For 8' Door Height, Add	*61.51*	
08 17 23 00-0092	EA	Pair 2' x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	634.07	116.73
		For 8' Door Height, Add	*96.15*	
08 17 23 00-0093	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	678.79	125.27
		For 8' Door Height, Add	*102.78*	
08 17 23 00-0094	EA	Pair 3' x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	742.22	133.80
		For 8' Door Height, Add	*113.90*	

08 17 23 00-0095 Solid Core Doors, 1-3/4" Thick *(08 17 23 00-0001)*

08 17 23 00-0096 Birch Faced *(08 17 23 00-0095)*

08 17 23 00-0097	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	574.84	71.17
		For 8' Door Height, Add	*103.80*	
08 17 23 00-0098	EA	2'-6" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	592.85	71.17
		For 8' Door Height, Add	*108.12*	
08 17 23 00-0099	EA	2'-8" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	604.56	74.02
		For 8' Door Height, Add	*109.56*	
08 17 23 00-0100	EA	3' x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	628.27	76.87
		For 8' Door Height, Add	*113.89*	
08 17 23 00-0101	EA	3'-4" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	680.47	76.87
		For 8' Door Height, Add	*126.42*	
08 17 23 00-0102	EA	3'-6" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	738.87	79.72
		For 8' Door Height, Add	*139.07*	
08 17 23 00-0103	EA	Pair 2' x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	1,098.44	116.73
		For 8' Door Height, Add	*207.60*	
08 17 23 00-0104	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	1,151.51	125.27
		For 8' Door Height, Add	*216.24*	
08 17 23 00-0105	EA	Pair 3' x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	1,216.68	133.80
		For 8' Door Height, Add	*227.77*	

08 17 23 00-0106 Lauan Faced *(08 17 23 00-0095)*

08 17 23 00-0107	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	545.99	71.17
		For 8' Door Height, Add	*96.87*	
08 17 23 00-0108	EA	2'-6" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	547.17	71.17
		For 8' Door Height, Add	*97.16*	
08 17 23 00-0109	EA	2'-8" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	564.49	74.02
		For 8' Door Height, Add	*99.95*	
08 17 23 00-0110	EA	3' x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	578.61	76.87
		For 8' Door Height, Add	*101.97*	
08 17 23 00-0111	EA	3'-4" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	617.01	76.87
		For 8' Door Height, Add	*111.18*	
08 17 23 00-0112	EA	3'-6" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	652.34	79.72
		For 8' Door Height, Add	*118.30*	
08 17 23 00-0113	EA	Pair 2' x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	1,040.77	116.73
		For 8' Door Height, Add	*193.75*	
08 17 23 00-0114	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	1,060.16	125.27
		For 8' Door Height, Add	*194.31*	
08 17 23 00-0115	EA	Pair 3' x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	1,117.36	133.80
		For 8' Door Height, Add	*203.94*	

08 17 23 00-0116 Tempered Hardboard Faced *(08 17 23 00-0095)*

08 17 23 00-0117	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	484.73	71.17
		For 8' Door Height, Add	*82.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 17 23 00-0118	EA	2'-6" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	490.72	71.17
		For 8' Door Height, Add	*83.61*	
08 17 23 00-0119	EA	2'-8" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	502.44	74.02
		For 8' Door Height, Add	*85.06*	
08 17 23 00-0120	EA	3' x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	520.16	76.87
		For 8' Door Height, Add	*87.94*	
08 17 23 00-0121	EA	3'-4" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	547.03	76.87
		For 8' Door Height, Add	*94.39*	
08 17 23 00-0122	EA	3'-6" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	577.91	79.72
		For 8' Door Height, Add	*100.43*	
08 17 23 00-0123	EA	Pair 2' x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	918.21	116.73
		For 8' Door Height, Add	*164.34*	
08 17 23 00-0124	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	947.28	125.27
		For 8' Door Height, Add	*167.22*	
08 17 23 00-0125	EA	Pair 3' x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	1,000.45	133.80
		For 8' Door Height, Add	*175.88*	

08 17 23 00-0126 Oak Or Maple Faced *(08 17 23 00-0095)*

08 17 23 00-0127	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	914.94	71.17
		For 8' Door Height, Add	*185.42*	
08 17 23 00-0128	EA	2'-6" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	919.66	71.17
		For 8' Door Height, Add	*186.55*	
08 17 23 00-0129	EA	2'-8" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	965.29	74.02
		For 8' Door Height, Add	*196.14*	
08 17 23 00-0130	EA	3' x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	981.42	76.87
		For 8' Door Height, Add	*198.64*	
08 17 23 00-0131	EA	3'-4" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	1,071.14	76.87
		For 8' Door Height, Add	*220.18*	
08 17 23 00-0132	EA	3'-6" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	1,183.15	79.72
		For 8' Door Height, Add	*245.69*	
08 17 23 00-0133	EA	Pair 2' x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	1,778.67	116.73
		For 8' Door Height, Add	*370.86*	
08 17 23 00-0134	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	1,805.20	125.27
		For 8' Door Height, Add	*373.12*	
08 17 23 00-0135	EA	Pair 3' x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	1,922.99	133.80
		For 8' Door Height, Add	*397.29*	

08 17 23 00-0136 Walnut Faced *(08 17 23 00-0095)*

08 17 23 00-0137	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	1,156.23	71.17
		For 8' Door Height, Add	*243.33*	
08 17 23 00-0138	EA	2'-6" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	1,198.39	71.17
		For 8' Door Height, Add	*253.45*	
08 17 23 00-0139	EA	2'-8" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	1,218.21	74.02
		For 8' Door Height, Add	*256.84*	
08 17 23 00-0140	EA	3' x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	1,266.13	76.87
		For 8' Door Height, Add	*266.97*	
08 17 23 00-0141	EA	3'-4" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	1,388.51	76.87
		For 8' Door Height, Add	*296.34*	
08 17 23 00-0142	EA	3'-6" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	1,517.77	79.72
		For 8' Door Height, Add	*326.00*	
08 17 23 00-0143	EA	Pair 2' x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	2,261.23	116.73
		For 8' Door Height, Add	*486.66*	
08 17 23 00-0144	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	2,362.60	125.27
		For 8' Door Height, Add	*506.90*	
08 17 23 00-0145	EA	Pair 3' x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	2,492.40	133.80
		For 8' Door Height, Add	*533.94*	

08 18 Glass Doors *(08 10)*

08 18 16 Sliding Glass Doors *(08 18)*

08 18 16 00-0001 Sliding Aluminum-Framed Glass Doors *(08 18 16)*

08 18 16 00-0002 Residential Sliding Aluminum-Framed Glass Doors *(08 18 16 00-0001)*

08 18 16 00-0003 5/8" Insulating Glass, Sliding Aluminum-Framed Glass Doors *(08 18 16 00-0002)*

08 18 16 00-0004	SF	Up To 6' Wide Sliding Glass Door 5/8" Insulated Glass With Frame, Trim, Hardware	54.17	5.12
		For Custom Quality, Add	*10.15*	
		For Tempered Glass, Add	*1.42*	
		For Anodized Or Colored Aluminum Frames, Add	*7.31*	
08 18 16 00-0005	SF	>6' Up To 12' Wide Sliding Glass Door 5/8" Insulated Glass With Frame, Trim, Hardware	46.71	3.19
		For Custom Quality, Add	*9.70*	
		For Tempered Glass, Add	*1.42*	
		For Anodized Or Colored Aluminum Frames, Add	*6.99*	

08 18 16 00-0006 1" Insulating Glass, Sliding Aluminum-Framed Glass Doors *(08 18 16 00-0002)*

08 18 16 00-0007	SF	Up To 6' Wide Sliding Glass Door 1" Insulated Glass With Frame, Trim, Hardware	61.45	5.12
		For Custom Quality, Add	*11.97*	
		For Tempered Glass, Add	*1.42*	
		For Anodized Or Colored Aluminum Frames, Add	*8.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 18 16 00-0008	SF	>6' Up To 12' Wide Sliding Glass Door 1" Insulated Glass With Frame, Trim, Hardware	53.88	3.19
		For Custom Quality, Add	*11.50*	
		For Tempered Glass, Add	*1.42*	
		For Anodized Or Colored Aluminum Frames, Add	*8.28*	
08 18 16 00-0009		**Sliding Plastic-Framed Glass Doors** *(08 18 16)*		
08 18 16 00-0010		**Sliding Vinyl-Framed Glass Doors** *(08 18 16 00-0009)*		
08 18 16 00-0011		**Vinyl Sliding Glass Doors (Pella Vinyl 10 Series)** *(08 18 16 00-0010)*		
		Note: Includes white solid vinyl interior and exterior, standard hardware and tempered clear insulated glass. Excludes grilles and insect screens.		
08 18 16 00-0012	EA	5' x 6' 8", Vinyl Sliding Glass Door (Pella Vinyl 10 Series)	1,838.93	85.41
		For Insect Screen, Add	*291.92*	
		For Grilles Between The Glass, Add	*366.98*	
		For Low-E Tempered Insulated Glass, Add	*750.65*	
08 18 16 00-0013	EA	6' x 6' 8", Vinyl Sliding Glass Door (Pella Vinyl 10 Series)	1,908.24	91.11
		For Insect Screen, Add	*302.06*	
		For Grilles Between The Glass, Add	*379.73*	
		For Low-E Tempered Insulated Glass, Add	*776.71*	
08 18 16 00-0014		**Vinyl Sliding Glass Doors (Superior Windows & Doors 9900)** *(08 18 16 00-0010)*		
		Note: Includes white solid vinyl interior and exterior, 5-1/2" frame depth, standard hardware and 7/8" clear Low-E insulated glass. Excludes grilles and insect screens.		
08 18 16 00-0015	EA	69-1/2" x 78-1/2" Frame Opening, 2-Panel Vinyl Sliding Glass Door	1,981.30	89.97
08 18 16 00-0016	EA	93-1/2" x 78-1/2" Frame Opening, 2-Panel Vinyl Sliding Glass Door	2,459.85	107.04
08 18 16 00-0017	EA	59-1/2" x 79-1/2" Frame Opening, 2-Panel Vinyl Sliding Glass Door	1,850.49	85.41
08 18 16 00-0018	EA	69-1/2" x 79-1/2" Frame Opening, 2-Panel Vinyl Sliding Glass Door	1,981.30	89.97
08 18 16 00-0019	EA	71-1/2" x 79-1/2" Frame Opening, 2-Panel Vinyl Sliding Glass Door	2,007.93	91.11
08 18 16 00-0020	EA	93-1/2" x 79-1/2" Frame Opening, 2-Panel Vinyl Sliding Glass Door	2,459.85	107.04
08 18 16 00-0021	EA	95-1/2" x 79-1/2" Frame Opening, 2-Panel Vinyl Sliding Glass Door	2,920.05	109.33
08 18 16 00-0022	EA	119-1/2" x 79-1/2" Frame Opening, 2-Panel Vinyl Sliding Glass Door	3,319.98	122.99
08 18 16 00-0023	EA	71-1/2" x 95-1/2" Frame Opening, 2-Panel Vinyl Sliding Glass Door	2,598.34	97.93
08 18 16 00-0024	EA	95-1/2" x 95-1/2" Frame Opening, 2-Panel Vinyl Sliding Glass Door	2,876.16	118.43
08 18 16 00-0025	EA	104-7/8" x 78-1/2" Frame Opening, 3-Panel Vinyl Sliding Glass Door	2,362.88	110.47
08 18 16 00-0026	EA	140-7/8" x 78-1/2" Frame Opening, 3-Panel Vinyl Sliding Glass Door	2,941.37	135.51
08 18 16 00-0027	EA	89-7/8" x 79-1/2" Frame Opening, 3-Panel Vinyl Sliding Glass Door	2,206.76	104.77
08 18 16 00-0028	EA	107-7/8" x 79-1/2" Frame Opening, 3-Panel Vinyl Sliding Glass Door	2,367.44	112.74
08 18 16 00-0029	EA	143-7/8" x 79-1/2" Frame Opening, 3-Panel Vinyl Sliding Glass Door	2,446.49	137.79
08 18 16 00-0030	EA	107-7/8" x 95-1/2" Frame Opening, 3-Panel Vinyl Sliding Glass Door	2,666.67	132.10
08 18 16 00-0031	EA	143-7/8" x 95-1/2" Frame Opening, 3-Panel Vinyl Sliding Glass Door	2,942.21	151.46
08 18 16 00-0032	EA	118-5/16" x 79-1/2" Frame Opening, 4-Panel Vinyl Sliding Glass Door	7,081.15	112.74
08 18 16 00-0033	EA	142-5/16" x 79-1/2" Frame Opening, 4-Panel Vinyl Sliding Glass Door	7,223.91	137.79
08 18 16 00-0034	EA	190-5/16" x 79-1/2" Frame Opening, 4-Panel Vinyl Sliding Glass Door	7,280.84	166.26
08 18 16 00-0035	EA	142-5/16" x 95-1/2" Frame Opening, 4-Panel Vinyl Sliding Glass Door	8,750.39	151.46
08 18 16 00-0036		**Premium Vinyl Sliding Glass Doors (Jeld Wen V4500)** *(08 18 16 00-0010)*		
		Note: Includes white solid vinyl interior and exterior, standard hardware and clear high-performance Low-E insulating glass. Excludes grilles and insect screens.		
08 18 16 00-0037	EA	61-3/4" x 81-3/4" Frame Opening, 2-Panel Vinyl Sliding Glass Door (Jeld Wen V4500)	2,102.73	89.97
08 18 16 00-0038	EA	73-3/4" x 81-3/4" Frame Opening, 2-Panel Vinyl Sliding Glass Door (Jeld Wen V4500)	2,131.01	91.11
08 18 16 00-0039	EA	97-3/4" x 81-3/4" Frame Opening, 2-Panel Vinyl Sliding Glass Door (Jeld Wen V4500)	3,064.19	109.33
08 18 16 00-0040		**Premium Vinyl Sliding Glass Doors (Pella V350)** *(08 18 16 00-0010)*		
		Note: Includes white solid vinyl interior and exterior, standard hardware and clear high-performance Low-E insulating glass. Excludes grilles and insect screens.		
08 18 16 00-0041	EA	61-3/4" x 81-3/4" Frame Opening, 2-Panel Vinyl Sliding Glass Door (Pella V350)	2,198.89	89.97
08 18 16 00-0042	EA	73-3/4" x 81-3/4" Frame Opening, 2-Panel Vinyl Sliding Glass Door (Pella V350)	2,228.47	91.11
08 18 16 00-0043	EA	97-3/4" x 81-3/4" Frame Opening, 2-Panel Vinyl Sliding Glass Door (Pella V350)	3,206.47	109.33
08 18 16 00-0044		**Premium Vinyl Sliding Glass Doors (Milgard Style Line™ Series)** *(08 18 16 00-0010)*		
		Note: Includes white solid vinyl interior and exterior, standard hardware and clear high-performance Low-E insulating glass. Excludes grilles and insect screens. Minimum STC rating of 32 included in price.		
08 18 16 00-0045	EA	61-3/4" x 81-3/4" Frame Opening, 2-Panel Vinyl Sliding Glass Door (Milgard Style Line™ Series)	4,730.08	89.97
		For STC 44 Rating, Add	*5,232.68*	
08 18 16 00-0046	EA	73-3/4" x 81-3/4" Frame Opening, 2-Panel Vinyl Sliding Glass Door (Milgard Style Line™ Series)	5,196.42	91.11
		For STC 44 Rating, Add	*5,766.34*	
08 18 16 00-0047	EA	97-3/4" x 81-3/4" Frame Opening, 2-Panel Vinyl Sliding Glass Door (Milgard Style Line™ Series)	6,948.47	109.33
		For STC 44 Rating, Add	*7,739.29*	
08 18 16 00-0048		**Sliding Wood-Framed Glass Doors** *(08 18 16)*		
08 18 16 00-0049		**Residential Wood Sliding Doors With 5/8" Glass** *(08 18 16 00-0048)*		
08 18 16 00-0050	EA	6' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Frame, Trim, Hardware	2,049.10	153.74
08 18 16 00-0051	EA	8' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Frame, Trim, Hardware	2,501.53	187.90
08 18 16 00-0052	EA	9' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Frame, Trim, Hardware	2,890.52	216.37
08 18 16 00-0053	EA	6' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Grille, Frame, Trim, Hardware	2,251.74	153.74

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 18 16 00-0054	EA	8' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Grille, Frame, Trim, Hardware	2,763.26	187.90
08 18 16 00-0055	EA	9' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Grille, Frame, Trim, Hardware	3,214.43	216.37

08 30 Specialty Doors and Frames *(08)*

Note: Includes caulk, sealant and mounting anchors.

08 31 Access Doors and Panels *(08 30)*

See CSI section 07 72 33 00-0000 for roof hatches, 23 33 33 00-0000 for duct-mounted access doors.

08 31 13 Access Doors and Frames *(08 31)*

08 31 13 00-0001 Stainless Steel Access Doors *(08 31 13)*

08 31 13 00-0002 Fire Rated Stainless Steel Access Doors *(08 31 13 00-0001)*

08 31 13 00-0003	EA	12" x 12" Fire Rated Stainless Steel Access Door With Cam Latch	467.89	63.86
08 31 13 00-0004	EA	12" x 18" Fire Rated Stainless Steel Access Door With Cam Latch	544.38	68.03
08 31 13 00-0005	EA	18" x 18" Fire Rated Stainless Steel Access Door With Cam Latch	635.50	71.95
08 31 13 00-0006	EA	24" x 18" Fire Rated Stainless Steel Access Door With Cam Latch	733.39	75.61
08 31 13 00-0007	EA	24" x 24" Fire Rated Stainless Steel Access Door With Cam Latch	750.23	75.99
08 31 13 00-0008	EA	24" x 36" Fire Rated Stainless Steel Access Door With Cam Latch	970.46	78.35

08 31 13 00-0009 Stainless Steel Access Doors *(08 31 13 00-0001)*

08 31 13 00-0010	EA	8" x 8" Stainless Steel Access Door With Cam Latch	188.68	48.97
08 31 13 00-0011	EA	12" x 12" Stainless Steel Access Door With Cam Latch	225.21	63.86
08 31 13 00-0012	EA	12" x 18" Stainless Steel Access Door With Cam Latch	319.68	68.03
08 31 13 00-0013	EA	18" x 18" Stainless Steel Access Door With Cam Latch	343.10	71.95
08 31 13 00-0014	EA	24" x 18" Stainless Steel Access Door With Cam Latch	397.95	75.61
08 31 13 00-0015	EA	24" x 24" Stainless Steel Access Door With Cam Latch	453.09	75.99

08 31 13 00-0016 Steel Access Doors *(08 31 13)*

Note: Includes paintable powder coated finish.

08 31 13 00-0017 Insulated Fire Rated Steel Access Doors *(08 31 13 00-0016)*

08 31 13 00-0018	EA	12" x 12" Insulated Fire Rated Steel Access Door With Cam Latch	313.17	64.25
08 31 13 00-0019	EA	12" x 18" Insulated Fire Rated Steel Access Door With Cam Latch	388.66	68.03
08 31 13 00-0020	EA	18" x 18" Insulated Fire Rated Steel Access Door With Cam Latch	388.10	71.95
08 31 13 00-0021	EA	24" x 18" Insulated Fire Rated Steel Access Door With Cam Latch	461.69	75.99
08 31 13 00-0022	EA	24" x 24" Insulated Fire Rated Steel Access Door With Cam Latch	482.87	75.99
08 31 13 00-0023	EA	24" x 36" Insulated Fire Rated Steel Access Door With Cam Latch	636.69	78.35
08 31 13 00-0024	EA	24" x 48" Insulated Fire Rated Steel Access Door With Cam Latch	734.98	81.61
08 31 13 00-0025	EA	36" x 36" Insulated Fire Rated Steel Access Door With Cam Latch	910.26	81.61
08 31 13 00-0026	EA	48" x 48" Insulated Fire Rated Steel Access Door With Cam Latch	1,168.74	97.93

08 31 13 00-0027 Steel Access Doors *(08 31 13 00-0016)*

08 31 13 00-0028	EA	8" x 8" Steel Access Door With Cam Latch	158.36	49.23
08 31 13 00-0029	EA	12" x 12" Steel Access Door With Cam Latch	169.63	64.25
08 31 13 00-0030	EA	12" x 18" Steel Access Door With Cam Latch	195.73	68.03
08 31 13 00-0031	EA	18" x 18" Steel Access Door With Cam Latch	201.05	71.95
08 31 13 00-0032	EA	24" x 18" Steel Access Door With Cam Latch	239.36	75.99
08 31 13 00-0033	EA	24" x 24" Steel Access Door With Cam Latch	245.19	75.99
08 31 13 00-0034	EA	24" x 36" Steel Access Door With Cam Latch	317.86	78.35
08 31 13 00-0035	EA	36" x 36" Steel Access Door With Cam Latch	421.86	81.61

08 31 13 00-0036 Fiberglass Reinforced Polyester (FRP) Access Doors *(08 31 13)*

08 31 13 00-0037	EA	8" x 8" Fiberglass Reinforced Polyester (FRP) Access Door With Lock	199.81	48.97
08 31 13 00-0038	EA	12" x 12" Fiberglass Reinforced Polyester (FRP) Access Door With Lock	221.40	52.23
08 31 13 00-0039	EA	12" x 18" Fiberglass Reinforced Polyester (FRP) Access Door With Lock	274.37	55.49
08 31 13 00-0040	EA	18" x 18" Fiberglass Reinforced Polyester (FRP) Access Door With Lock	327.16	58.76
08 31 13 00-0041	EA	24" x 18" Fiberglass Reinforced Polyester (FRP) Access Door With Lock	383.59	61.76
08 31 13 00-0042	EA	24" x 24" Fiberglass Reinforced Polyester (FRP) Access Door With Lock	411.92	62.02

08 31 13 00-0043 Steel Recessed Access Doors For Drywall Application *(08 31 13)*

Note: Includes paintable powder coated finish.

08 31 13 00-0044	EA	8" x 8" Recessed Steel Access Door With Cam Latch	228.51	48.97
		For Recessed Doors In Acoustical Tile, Add	*19.59*	
08 31 13 00-0045	EA	12" x 12" Recessed Steel Access Door With Cam Latch	239.04	52.49
		For Recessed Doors In Acoustical Tile, Add	*21.86*	
08 31 13 00-0046	EA	12" x 18" Recessed Steel Access Door With Cam Latch	256.99	55.49
		For Recessed Doors In Acoustical Tile, Add	*22.52*	
08 31 13 00-0047	EA	18" x 18" Recessed Steel Access Door With Cam Latch	302.22	58.76
		For Recessed Doors In Acoustical Tile, Add	*19.31*	
08 31 13 00-0048	EA	24" x 18" Recessed Steel Access Door With Cam Latch	317.96	62.02
		For Recessed Doors In Acoustical Tile, Add	*20.54*	
08 31 13 00-0049	EA	24" x 24" Recessed Steel Access Door With Cam Latch	348.76	62.02
		For Recessed Doors In Acoustical Tile, Add	*15.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 31 13 00-0050	EA	24" x 36" Recessed Steel Access Door With Cam Latch	434.32	78.35
		For Recessed Doors In Acoustical Tile, Add	*21.03*	
08 31 13 00-0051	EA	36" x 36" Recessed Steel Access Door With Cam Latch	623.76	81.61
		For Recessed Doors In Acoustical Tile, Add	*-3.79*	
08 31 13 00-0052		**Steel Crawl Space Doors And Frames** *(08 31 13)*		
		Note: Includes paintable powder coated finish.		
08 31 13 00-0053	EA	24" x 24" Steel Crawl Space Door With Cam Latch	262.20	82.65
08 31 13 00-0054	EA	30" x 24" Steel Crawl Space Door With Cam Latch	369.79	100.16
08 31 13 00-0055	EA	30" x 30" Steel Crawl Space Door With Cam Latch	414.73	108.77
08 31 13 00-0056		**Attic Access Doors And Frames** *(08 31 13)*		
		Note: Non-rated attic access doors and frames. Door: White mineral board face, extruded polystyrene (EPS) R-42 core 10" thick, and fire rated rubber sealing gasket over top of EPS core. Door is prefinished and painted satin white to match trim. Frame: Plywood frame is installed into a wood framed 22-1/2" x 30-1/2" rough opening. Frame is 12" tall and provides insulation dam. Wood trim is pre-secured to frame. Rubber gasket is installed on trim on each side of frame. Trim: Tapered wood trim 2" wide is pre-secured to frame and painted satin white to match door.		
08 31 13 00-0057	EA	22-1/2" x 30-1/2" Rough Opening, Wood, R-42 Insulated, Attic Access Door (Battic Doors Model 22 x 30 E-Z Hatch®)	813.78	227.76
08 31 13 00-0058	EA	22-1/2" x 30-1/2" Rough Opening, Wood, R-50 Insulated, Attic Access Door (Battic Doors Model 22 x 30 E-Z Hatch®)	903.79	227.76

08 33 Coiling Doors and Grilles *(08 30)*

08 33 13 Coiling Counter Doors *(08 33)*

08 33 13 00-0001		**Overhead Rolling Counter Doors** *(08 33 13)*		
08 33 13 00-0002		**Galvanized Steel Overhead Rolling Counter Doors** *(08 33 13 00-0001)*		
		Note: Includes necessary anchors, track and hardware. Includes galvanized steel primed with choice of baked-on polyester topcoat finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.		
08 33 13 00-0003	EA	4' x 4', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650)	3,509.57	472.12
		For Motor Operator (With Safety Reverse), Add	*768.03*	
08 33 13 00-0004	EA	6' x 4', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650)	3,650.74	472.12
		For Motor Operator (With Safety Reverse), Add	*768.03*	
08 33 13 00-0005	EA	8' x 4', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650)	3,921.99	501.63
		For Motor Operator (With Safety Reverse), Add	*773.98*	
08 33 13 00-0006	EA	10' x 4', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650)	4,291.39	590.15
		For Motor Operator (With Safety Reverse), Add	*796.80*	
08 33 13 00-0007	EA	4' x 6', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650)	4,144.83	472.12
		For Motor Operator (With Safety Reverse), Add	*768.03*	
08 33 13 00-0008	EA	6' x 6', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650)	4,381.84	524.52
		For Motor Operator (With Safety Reverse), Add	*781.14*	
08 33 13 00-0009	EA	8' x 6', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650)	4,504.88	545.54
		For Motor Operator (With Safety Reverse), Add	*786.39*	
08 33 13 00-0010	EA	10' x 6', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650)	4,792.82	590.15
		For Motor Operator (With Safety Reverse), Add	*797.54*	
08 33 13 00-0011		**Stainless Steel Overhead Rolling Counter Doors** *(08 33 13 00-0001)*		
		Note: Includes necessary anchors, track and hardware. Includes No. 4 stainless steel finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.		
08 33 13 00-0012	EA	4' x 4', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)	5,207.24	472.12
		For Motor Operator (With Safety Reverse), Add	*768.03*	
08 33 13 00-0013	EA	6' x 4', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)	5,790.08	472.12
		For Motor Operator (With Safety Reverse), Add	*768.03*	
08 33 13 00-0014	EA	8' x 4', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)	5,955.55	501.63
		For Motor Operator (With Safety Reverse), Add	*773.98*	
08 33 13 00-0015	EA	10' x 4', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)	7,243.50	590.15
		For Motor Operator (With Safety Reverse), Add	*796.80*	
08 33 13 00-0016	EA	4' x 6', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)	6,160.98	472.12
		For Motor Operator (With Safety Reverse), Add	*768.03*	
08 33 13 00-0017	EA	6' x 6', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)	6,398.10	524.52
		For Motor Operator (With Safety Reverse), Add	*781.14*	
08 33 13 00-0018	EA	8' x 6', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)	6,556.52	545.54
		For Motor Operator (With Safety Reverse), Add	*786.39*	
08 33 13 00-0019	EA	10' x 6', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)	8,257.58	590.15
		For Motor Operator (With Safety Reverse), Add	*797.54*	
08 33 13 00-0020		**Aluminum Overhead Rolling Counter Doors** *(08 33 13 00-0001)*		
		Note: Includes necessary anchors, track and hardware. Includes clear anodized aluminum finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.		
08 33 13 00-0021	EA	4' x 4', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652)	4,783.36	472.12
		For Motor Operator (With Safety Reverse), Add	*768.03*	
08 33 13 00-0022	EA	6' x 4', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652)	4,978.12	472.12
		For Motor Operator (With Safety Reverse), Add	*768.03*	
08 33 13 00-0023	EA	8' x 4', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652)	5,524.52	501.63
		For Motor Operator (With Safety Reverse), Add	*773.98*	

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		MINOR CSI UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 13 00-0024	EA		10' x 4', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652)	6,531.79	590.15
			For Motor Operator (With Safety Reverse), Add	*796.80*	
08 33 13 00-0025	EA		4' x 6', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652)	5,659.78	472.12
			For Motor Operator (With Safety Reverse), Add	*768.03*	
08 33 13 00-0026	EA		6' x 6', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652)	5,936.99	524.52
			For Motor Operator (With Safety Reverse), Add	*781.14*	
08 33 13 00-0027	EA		8' x 6', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652)	6,111.17	545.54
			For Motor Operator (With Safety Reverse), Add	*786.39*	
08 33 13 00-0028	EA		10' x 6', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652)	7,610.31	590.15
			For Motor Operator (With Safety Reverse), Add	*797.54*	

08 33 13 00-0029 Galvanized Steel Overhead Rolling Counter Fire Doors *(08 33 13 00-0001)*

Note: Includes necessary anchors, track and hardware. Includes galvanized steel primed with choice of baked-on polyester top coat finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0030	EA		4' x 4', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640)	4,356.58	472.12
			For Motor Operator (With Safety Reverse), Add	*768.03*	
08 33 13 00-0031	EA		6' x 4', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640)	4,568.33	472.12
			For Motor Operator (With Safety Reverse), Add	*768.03*	
08 33 13 00-0032	EA		8' x 4', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640)	4,910.17	501.63
			For Motor Operator (With Safety Reverse), Add	*773.98*	
08 33 13 00-0033	EA		10' x 4', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640)	5,350.15	590.15
			For Motor Operator (With Safety Reverse), Add	*796.80*	
08 33 13 00-0034	EA		4' x 6', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640)	4,780.08	472.12
			For Motor Operator (With Safety Reverse), Add	*768.03*	
08 33 13 00-0035	EA		6' x 6', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640)	5,052.39	524.52
			For Motor Operator (With Safety Reverse), Add	*781.14*	
08 33 13 00-0036	EA		8' x 6', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640)	5,246.01	545.54
			For Motor Operator (With Safety Reverse), Add	*786.39*	
08 33 13 00-0037	EA		10' x 6', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640)	5,428.07	590.15
			For Motor Operator (With Safety Reverse), Add	*797.54*	

08 33 13 00-0038 Stainless Steel Overhead Rolling Counter Fire Doors *(08 33 13 00-0001)*

Note: Includes necessary anchors, track and hardware. Includes No. 4 stainless steel finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0039	EA		4' x 4', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	6,690.84	472.12
			For Motor Operator (With Safety Reverse), Add	*768.03*	
08 33 13 00-0040	EA		6' x 4', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	7,538.62	472.12
			For Motor Operator (With Safety Reverse), Add	*768.03*	
08 33 13 00-0041	EA		8' x 4', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	7,704.09	501.63
			For Motor Operator (With Safety Reverse), Add	*773.98*	
08 33 13 00-0042	EA		10' x 4', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	9,415.93	590.15
			For Motor Operator (With Safety Reverse), Add	*796.80*	
08 33 13 00-0043	EA		4' x 6', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	7,220.70	472.12
			For Motor Operator (With Safety Reverse), Add	*768.03*	
08 33 13 00-0044	EA		6' x 6', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	7,510.80	524.52
			For Motor Operator (With Safety Reverse), Add	*781.14*	
08 33 13 00-0045	EA		8' x 6', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	7,775.20	545.54
			For Motor Operator (With Safety Reverse), Add	*786.39*	
08 33 13 00-0046	EA		10' x 6', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	9,529.24	590.15
			For Motor Operator (With Safety Reverse), Add	*797.54*	

08 33 13 00-0047 Integral Frame And Sill, Overhead Rolling Counter Doors *(08 33 13)*

08 33 13 00-0048 Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill *(08 33 13 00-0047)*

Note: Includes necessary anchors, track and hardware. Stainless surfaces feature a standard No. 4 finish, aluminum slats are finished with clear anodized finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0049	EA		4' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	8,775.94	472.12
			For Motor Operator (With Safety Reverse), Add	*768.03*	
08 33 13 00-0050	EA		6' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	8,970.70	472.12
			For Motor Operator (With Safety Reverse), Add	*768.03*	
08 33 13 00-0051	EA		8' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	21,007.38	501.63
			For Motor Operator (With Safety Reverse), Add	*773.98*	
08 33 13 00-0052	EA		10' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	9,647.95	590.15
			For Motor Operator (With Safety Reverse), Add	*796.80*	
08 33 13 00-0053	EA		4' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	9,068.08	472.12
			For Motor Operator (With Safety Reverse), Add	*768.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 13 00-0054	EA	6' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	9,393.98	524.52
		For Motor Operator (With Safety Reverse), Add	*781.14*	
08 33 13 00-0055	EA	8' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	9,641.19	545.54
		For Motor Operator (With Safety Reverse), Add	*786.39*	
08 33 13 00-0056	EA	10' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	10,726.47	590.15
		For Motor Operator (With Safety Reverse), Add	*797.54*	

08 33 13 00-0057 Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Frame and Stainless Steel Sill *(08 33 13 00-0047)*

Note: Includes necessary anchors, track and hardware. Galvanized steel surfaces feature a baked-on primer coat to enhance overall durability and minimize field painting. Stainless surfaces feature a standard No. 4 finish, aluminum slats are finished with clear anodized finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0058	EA	4' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	7,802.14	472.12
		For Motor Operator (With Safety Reverse), Add	*768.03*	
08 33 13 00-0059	EA	6' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	7,996.90	472.12
		For Motor Operator (With Safety Reverse), Add	*768.03*	
08 33 13 00-0060	EA	8' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	8,251.16	501.63
		For Motor Operator (With Safety Reverse), Add	*773.98*	
08 33 13 00-0061	EA	10' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	8,674.15	590.15
		For Motor Operator (With Safety Reverse), Add	*796.80*	
08 33 13 00-0062	EA	4' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	8,678.56	472.12
		For Motor Operator (With Safety Reverse), Add	*768.03*	
08 33 13 00-0063	EA	6' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	9,004.46	524.52
		For Motor Operator (With Safety Reverse), Add	*781.14*	
08 33 13 00-0064	EA	8' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	9,349.05	545.54
		For Motor Operator (With Safety Reverse), Add	*786.39*	
08 33 13 00-0065	EA	10' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	9,655.29	590.15
		For Motor Operator (With Safety Reverse), Add	*797.54*	

08 33 13 00-0066 Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill *(08 33 13 00-0047)*

Note: Includes necessary anchors, track and hardware. Stainless surfaces feature a standard No. 4 finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0067	EA	4' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657)	12,837.22	472.12
		For Motor Operator (With Safety Reverse), Add	*768.03*	
08 33 13 00-0068	EA	6' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657)	13,896.94	472.12
		For Motor Operator (With Safety Reverse), Add	*768.03*	
08 33 13 00-0069	EA	8' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657)	16,075.88	501.63
		For Motor Operator (With Safety Reverse), Add	*773.98*	
08 33 13 00-0070	EA	10' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657)	17,363.83	590.15
		For Motor Operator (With Safety Reverse), Add	*796.80*	
08 33 13 00-0071	EA	4' x 6', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657)	14,426.80	472.12
		For Motor Operator (With Safety Reverse), Add	*768.03*	
08 33 13 00-0072	EA	6' x 6', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657)	15,617.66	524.52
		For Motor Operator (With Safety Reverse), Add	*781.14*	
08 33 13 00-0073	EA	8' x 6', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657)	17,259.69	545.54
		For Motor Operator (With Safety Reverse), Add	*786.39*	
08 33 13 00-0074	EA	10' x 6', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657)	19,490.61	590.15
		For Motor Operator (With Safety Reverse), Add	*797.54*	

08 33 13 00-0075 Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Frame and Stainless Steel Sill *(08 33 13 00-0047)*

Note: Includes necessary anchors, track and hardware. Galvanized steel surfaces feature a baked-on primer coat to enhance overall durability and minimize field painting. Stainless surfaces feature a standard No. 4 finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0076	EA	4' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658)	7,674.03	472.12
		For Motor Operator (With Safety Reverse), Add	*768.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 13 00-0077	EA	6' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658)	7,815.20	472.12
		For Motor Operator (With Safety Reverse), Add	*768.03*	
08 33 13 00-0078	EA	8' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658)	8,157.03	501.63
		For Motor Operator (With Safety Reverse), Add	*773.98*	
08 33 13 00-0079	EA	10' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658)	8,879.35	590.15
		For Motor Operator (With Safety Reverse), Add	*796.80*	
08 33 13 00-0080	EA	4' x 6', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658)	8,097.53	472.12
		For Motor Operator (With Safety Reverse), Add	*768.03*	
08 33 13 00-0081	EA	6' x 6', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658)	8,652.18	524.52
		For Motor Operator (With Safety Reverse), Add	*781.14*	
08 33 13 00-0082	EA	8' x 6', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658)	9,128.13	545.54
		For Motor Operator (With Safety Reverse), Add	*786.39*	
08 33 13 00-0083	EA	10' x 6', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658)	10,651.29	590.15
		For Motor Operator (With Safety Reverse), Add	*797.54*	

08 33 13 00-0084 Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood *(08 33 13 00-0047)*

Note: Includes necessary anchors, track and hardware. Stainless surfaces feature a standard No. 4 finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0085	EA	4' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 660)	15,486.52	472.12
		For Motor Operator (With Safety Reverse), Add	*768.03*	
08 33 13 00-0086	EA	6' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 660)	16,016.38	472.12
		For Motor Operator (With Safety Reverse), Add	*768.03*	
08 33 13 00-0087	EA	8' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 660)	18,195.32	501.63
		For Motor Operator (With Safety Reverse), Add	*773.98*	

08 33 13 00-0088 Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Galvanized Steel Frame and Hood *(08 33 13 00-0047)*

Note: Includes necessary anchors, track and hardware. Galvanized steel surfaces feature a baked-on primer coat to enhance overall durability and minimize field painting. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0089	EA	4' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Galvanized Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 661)	8,238.70	472.12
		For Motor Operator (With Safety Reverse), Add	*768.03*	
08 33 13 00-0090	EA	6' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Galvanized Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 661)	11,062.06	472.12
		For Motor Operator (With Safety Reverse), Add	*768.03*	
08 33 13 00-0091	EA	8' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Galvanized Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 661)	12,533.24	501.63
		For Motor Operator (With Safety Reverse), Add	*773.98*	

08 33 13 00-0092 Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood *(08 33 13 00-0047)*

Note: Includes necessary anchors, track and hardware. Galvanized steel surfaces feature a baked-on primer coat to enhance overall durability and minimize field painting. Stainless surfaces feature a standard No. 4 finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0093	EA	4' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 662)	7,250.52	472.12
		For Motor Operator (With Safety Reverse), Add	*768.03*	
08 33 13 00-0094	EA	6' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 662)	8,097.53	472.12
		For Motor Operator (With Safety Reverse), Add	*768.03*	
08 33 13 00-0095	EA	8' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 662)	8,651.12	501.63
		For Motor Operator (With Safety Reverse), Add	*773.98*	
08 33 13 00-0096	EA	10' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 662)	9,585.19	590.15
		For Motor Operator (With Safety Reverse), Add	*796.80*	

08 33 16 Coiling Counter Grilles *(08 33)*

08 33 16 00-0001 Galvanized Steel Overhead Coiling Counter Grilles (Width x Height) *(08 33 16)*

08 33 16 00-0002	EA	4' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	1,556.11	206.55
		For Lexan Lattice Pattern, Add	*144.89*	
		For Staggered Brick Pattern, Add	*184.05*	
08 33 16 00-0003	EA	6' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	1,753.68	241.96
		For Lexan Lattice Pattern, Add	*159.48*	
		For Staggered Brick Pattern, Add	*249.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 16 00-0004	EA	8' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	1,948.59	275.37
		For Lexan Lattice Pattern, Add	*174.26*	
		For Staggered Brick Pattern, Add	*315.32*	
08 33 16 00-0005	EA	10' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	2,172.08	312.78
		For Lexan Lattice Pattern, Add	*193.03*	
		For Staggered Brick Pattern, Add	*380.96*	
08 33 16 00-0006	EA	12' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	2,395.77	348.19
		For Lexan Lattice Pattern, Add	*211.80*	
		For Staggered Brick Pattern, Add	*446.58*	
08 33 16 00-0007	EA	14' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	2,699.08	377.69
		For Lexan Lattice Pattern, Add	*242.42*	
		For Staggered Brick Pattern, Add	*517.73*	
08 33 16 00-0008	EA	16' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	3,000.64	413.10
		For Lexan Lattice Pattern, Add	*273.05*	
		For Staggered Brick Pattern, Add	*588.88*	
08 33 16 00-0009	EA	18' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	3,400.75	472.12
		For Lexan Lattice Pattern, Add	*303.68*	
		For Staggered Brick Pattern, Add	*588.88*	
08 33 16 00-0010	EA	20' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	3,822.47	550.61
		For Lexan Lattice Pattern, Add	*337.31*	
		For Staggered Brick Pattern, Add	*731.17*	
08 33 16 00-0011	EA	24' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	4,732.72	660.96
		For Lexan Lattice Pattern, Add	*426.18*	
		For Staggered Brick Pattern, Add	*756.07*	
08 33 16 00-0012	EA	30' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	5,866.43	826.21
		For Lexan Lattice Pattern, Add	*525.88*	
		For Staggered Brick Pattern, Add	*867.88*	
08 33 16 00-0013	EA	4' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	1,607.84	206.55
		For Lexan Lattice Pattern, Add	*152.65*	
		For Staggered Brick Pattern, Add	*213.83*	
08 33 16 00-0014	EA	6' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	1,825.66	241.96
		For Lexan Lattice Pattern, Add	*170.28*	
		For Staggered Brick Pattern, Add	*290.81*	
08 33 16 00-0015	EA	8' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	1,958.82	275.48
		For Lexan Lattice Pattern, Add	*175.79*	
		For Staggered Brick Pattern, Add	*367.80*	
08 33 16 00-0016	EA	10' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	2,167.81	312.78
		For Lexan Lattice Pattern, Add	*192.39*	
		For Staggered Brick Pattern, Add	*444.77*	
08 33 16 00-0017	EA	12' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	2,378.74	348.19
		For Lexan Lattice Pattern, Add	*208.98*	
		For Staggered Brick Pattern, Add	*521.75*	
08 33 16 00-0018	EA	14' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	2,705.68	377.69
		For Lexan Lattice Pattern, Add	*243.41*	
		For Staggered Brick Pattern, Add	*620.00*	
08 33 16 00-0019	EA	16' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	3,032.61	413.10
		For Lexan Lattice Pattern, Add	*277.85*	
		For Staggered Brick Pattern, Add	*718.25*	
08 33 16 00-0020	EA	18' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	3,458.09	472.12
		For Lexan Lattice Pattern, Add	*312.28*	
		For Staggered Brick Pattern, Add	*718.25*	
08 33 16 00-0021	EA	20' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	3,880.95	550.61
		For Lexan Lattice Pattern, Add	*346.71*	
		For Staggered Brick Pattern, Add	*914.76*	
08 33 16 00-0022	EA	24' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	4,865.31	660.96
		For Lexan Lattice Pattern, Add	*446.07*	
		For Staggered Brick Pattern, Add	*1,054.53*	
08 33 16 00-0023	EA	30' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	5,948.98	826.21
		For Lexan Lattice Pattern, Add	*538.26*	
		For Staggered Brick Pattern, Add	*1,182.20*	

08 33 16 00-0024 Aluminum Overhead Coiling Counter Grilles (Width x Height) *(08 33 16)*

08 33 16 00-0025	EA	4' x 4', Aluminum Overhead Coiling Counter Grilles, Manual Lift	1,661.96	206.55
		For Lexan Lattice Pattern, Add	*160.77*	
		For Staggered Brick Pattern, Add	*184.05*	
08 33 16 00-0026	EA	6' x 4', Aluminum Overhead Coiling Counter Grilles, Manual Lift	1,899.35	241.96
		For Lexan Lattice Pattern, Add	*181.33*	
		For Staggered Brick Pattern, Add	*249.68*	
08 33 16 00-0027	EA	8' x 4', Aluminum Overhead Coiling Counter Grilles, Manual Lift	2,134.09	275.37
		For Lexan Lattice Pattern, Add	*202.08*	
		For Staggered Brick Pattern, Add	*315.32*	
08 33 16 00-0028	EA	10' x 4', Aluminum Overhead Coiling Counter Grilles, Manual Lift	2,397.40	312.78
		For Lexan Lattice Pattern, Add	*226.83*	
		For Staggered Brick Pattern, Add	*380.96*	
08 33 16 00-0029	EA	12' x 4', Aluminum Overhead Coiling Counter Grilles, Manual Lift	2,662.65	348.19
		For Lexan Lattice Pattern, Add	*251.57*	
		For Staggered Brick Pattern, Add	*446.58*	
08 33 16 00-0030	EA	14' x 4', Aluminum Overhead Coiling Counter Grilles, Manual Lift	3,030.23	377.69
		For Lexan Lattice Pattern, Add	*292.10*	
		For Staggered Brick Pattern, Add	*517.73*	
08 33 16 00-0031	EA	16' x 4', Aluminum Overhead Coiling Counter Grilles, Manual Lift	3,397.82	413.10
		For Lexan Lattice Pattern, Add	*332.63*	
		For Staggered Brick Pattern, Add	*588.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 16 00-0032	EA	18' x 4', Aluminum Overhead Coiling Counter Grilles, Manual Lift	3,863.96	472.12
		For Lexan Lattice Pattern, Add	*373.16*	
		For Staggered Brick Pattern, Add	*588.88*	
08 33 16 00-0033	EA	20' x 4', Aluminum Overhead Coiling Counter Grilles, Manual Lift	4,331.67	550.61
		For Lexan Lattice Pattern, Add	*413.69*	
		For Staggered Brick Pattern, Add	*731.17*	
08 33 16 00-0034	EA	24' x 4', Aluminum Overhead Coiling Counter Grilles, Manual Lift	5,367.81	660.96
		For Lexan Lattice Pattern, Add	*521.45*	
		For Staggered Brick Pattern, Add	*756.07*	
08 33 16 00-0035	EA	30' x 4', Aluminum Overhead Coiling Counter Grilles, Manual Lift	6,609.78	826.21
		For Lexan Lattice Pattern, Add	*637.38*	
		For Staggered Brick Pattern, Add	*867.88*	
08 33 16 00-0036	EA	4' x 6', Aluminum Overhead Coiling Counter Grilles, Manual Lift	1,766.59	206.55
		For Lexan Lattice Pattern, Add	*176.47*	
		For Staggered Brick Pattern, Add	*213.83*	
08 33 16 00-0037	EA	6' x 6', Aluminum Overhead Coiling Counter Grilles, Manual Lift	2,063.79	241.96
		For Lexan Lattice Pattern, Add	*206.00*	
		For Staggered Brick Pattern, Add	*290.81*	
08 33 16 00-0038	EA	8' x 6', Aluminum Overhead Coiling Counter Grilles, Manual Lift	2,276.30	275.48
		For Lexan Lattice Pattern, Add	*223.42*	
		For Staggered Brick Pattern, Add	*367.80*	
08 33 16 00-0039	EA	10' x 6', Aluminum Overhead Coiling Counter Grilles, Manual Lift	2,564.70	312.78
		For Lexan Lattice Pattern, Add	*251.92*	
		For Staggered Brick Pattern, Add	*444.77*	
08 33 16 00-0040	EA	12' x 6', Aluminum Overhead Coiling Counter Grilles, Manual Lift	2,855.06	348.19
		For Lexan Lattice Pattern, Add	*280.43*	
		For Staggered Brick Pattern, Add	*521.75*	
08 33 16 00-0041	EA	14' x 6', Aluminum Overhead Coiling Counter Grilles, Manual Lift	3,261.39	377.69
		For Lexan Lattice Pattern, Add	*326.77*	
		For Staggered Brick Pattern, Add	*620.00*	
08 33 16 00-0042	EA	16' x 6', Aluminum Overhead Coiling Counter Grilles, Manual Lift	3,667.71	413.10
		For Lexan Lattice Pattern, Add	*373.11*	
		For Staggered Brick Pattern, Add	*718.25*	
08 33 16 00-0043	EA	18' x 6', Aluminum Overhead Coiling Counter Grilles, Manual Lift	4,172.57	472.12
		For Lexan Lattice Pattern, Add	*419.45*	
		For Staggered Brick Pattern, Add	*718.25*	
08 33 16 00-0044	EA	20' x 6', Aluminum Overhead Coiling Counter Grilles, Manual Lift	4,674.82	550.61
		For Lexan Lattice Pattern, Add	*465.79*	
		For Staggered Brick Pattern, Add	*914.76*	
08 33 16 00-0045	EA	24' x 6', Aluminum Overhead Coiling Counter Grilles, Manual Lift	5,817.94	660.96
		For Lexan Lattice Pattern, Add	*588.97*	
		For Staggered Brick Pattern, Add	*1,054.53*	
08 33 16 00-0046	EA	30' x 6', Aluminum Overhead Coiling Counter Grilles, Manual Lift	7,058.09	826.21
		For Lexan Lattice Pattern, Add	*704.63*	
		For Staggered Brick Pattern, Add	*1,182.20*	

08 33 23 Overhead Coiling Doors *(08 33)*

Note: Excludes lifting equipment (forklift or scissor lift) where required. See CSI section 01 22 23 00-0051 for scissor lifts, 01 22 23 00-0885 for forklift.

08 33 23 11 Overhead Coiling Doors *(08 33 23)*

Note: Includes panels, guides, counterbalance mechanisms, hardware, and/or trim as required. Excludes lifting equipment (forklift or scissor lift) where required.

08 33 23 11-0001 Galvanized Steel Overhead Coiling Doors (Width x Height) *(08 33 23 11)*

Note: Includes necessary anchors, track, and hardware. Includes galvanized steel primed with choice of baked-on polyester top coat finish. 20 psf wind load. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports and weatherseal. See CSI section 05 12 23 00-0105 for lightweight framing and angle iron.

08 33 23 11-0002 26 Gauge Galvanized Steel Overhead Coiling Doors *(08 33 23 11-0001)*

08 33 23 11-0003	EA	4' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,394.60	583.12
08 33 23 11-0004	EA	4' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,494.66	617.42
08 33 23 11-0005	EA	5' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,490.98	617.42
08 33 23 11-0006	EA	5' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,595.84	651.72
08 33 23 11-0007	EA	6' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,621.67	668.90
08 33 23 11-0008	EA	6' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,760.42	720.32
08 33 23 11-0009	EA	6' x 9', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,878.99	754.62
08 33 23 11-0010	EA	8' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,842.69	754.62
08 33 23 11-0011	EA	8' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,903.30	771.78
08 33 23 11-0012	EA	8' x 9', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,975.57	788.93
08 33 23 11-0013	EA	8' x 10', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	2,117.65	823.23
08 33 23 11-0014	EA	10' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,970.51	788.93
08 33 23 11-0015	EA	10' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	2,093.48	823.23
08 33 23 11-0016	EA	10' x 9', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	2,234.57	857.53
08 33 23 11-0017	EA	10' x 10', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	2,340.64	891.83

08 33 23 11-0018 24 Gauge Galvanized Steel Overhead Coiling Doors *(08 33 23 11-0001)*

Note: With curtain hood (barrel cover).

08 33 23 11-0019	EA	8' x 7', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,470.43	867.82
		For 3/4" Insulated Slats, Add	*1,518.04*	
08 33 23 11-0020	EA	8' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,569.89	887.55
		For 3/4" Insulated Slats, Add	*1,567.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 11-0021	EA	8' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,864.04	946.71
		For 3/4" Insulated Slats, Add	*1,714.64*	
08 33 23 11-0022	EA	8' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,125.86	986.16
		For 3/4" Insulated Slats, Add	*1,861.70*	
08 33 23 11-0023	EA	10' x 7', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,716.74	907.26
		For 3/4" Insulated Slats, Add	*1,653.47*	
08 33 23 11-0024	EA	10' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,011.26	986.16
		For 3/4" Insulated Slats, Add	*1,775.75*	
08 33 23 11-0025	EA	10' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,226.90	1,025.61
		For 3/4" Insulated Slats, Add	*1,888.17*	
08 33 23 11-0026	EA	10' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,502.88	1,065.05
		For 3/4" Insulated Slats, Add	*2,045.84*	
08 33 23 11-0027	EA	12' x 7', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,974.78	946.71
		For 3/4" Insulated Slats, Add	*1,797.69*	
08 33 23 11-0028	EA	12' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,212.10	986.16
		For 3/4" Insulated Slats, Add	*1,926.38*	
08 33 23 11-0029	EA	12' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,528.34	1,065.05
		For 3/4" Insulated Slats, Add	*2,064.94*	
08 33 23 11-0030	EA	12' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,884.80	1,099.36
		For 3/4" Insulated Slats, Add	*2,289.41*	
08 33 23 11-0031	EA	14' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,992.04	1,167.96
		For 3/4" Insulated Slats, Add	*2,284.09*	
08 33 23 11-0032	EA	14' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,459.01	1,236.55
		For 3/4" Insulated Slats, Add	*2,548.56*	
08 33 23 11-0033	EA	14' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,945.97	1,305.16
		For 3/4" Insulated Slats, Add	*2,828.03*	

08 33 23 11-0034 22 Gauge Galvanized Steel Overhead Coiling Doors *(08 33 23 11-0001)*

Note: With curtain hood (barrel cover).

08 33 23 11-0035	EA	4' x 8', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,056.83	781.04
		For 3/4" Insulated Slats, Add	*1,316.32*	
08 33 23 11-0036	EA	4' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,293.15	824.43
		For 3/4" Insulated Slats, Add	*1,439.28*	
08 33 23 11-0037	EA	4' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,460.46	858.73
		For 3/4" Insulated Slats, Add	*1,521.89*	
08 33 23 11-0038	EA	6' x 8', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,484.42	911.21
		For 3/4" Insulated Slats, Add	*1,474.26*	
08 33 23 11-0039	EA	6' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,824.17	998.00
		For 3/4" Insulated Slats, Add	*1,620.59*	
08 33 23 11-0040	EA	6' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,045.48	1,032.30
		For 3/4" Insulated Slats, Add	*1,743.70*	
08 33 23 11-0041	EA	6' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,584.10	1,066.60
		For 3/4" Insulated Slats, Add	*2,104.78*	
08 33 23 11-0042	EA	6' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,157.00	1,118.05
		For 3/4" Insulated Slats, Add	*2,470.15*	
08 33 23 11-0043	EA	8' x 8', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,790.54	976.30
		For 3/4" Insulated Slats, Add	*1,622.56*	
08 33 23 11-0044	EA	8' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,104.54	1,041.38
		For 3/4" Insulated Slats, Add	*1,776.67*	
08 33 23 11-0045	EA	8' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,358.60	1,084.78
		For 3/4" Insulated Slats, Add	*1,912.94*	
08 33 23 11-0046	EA	8' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,876.18	1,119.08
		For 3/4" Insulated Slats, Add	*2,258.25*	
08 33 23 11-0047	EA	8' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,428.05	1,170.53
		For 3/4" Insulated Slats, Add	*2,607.83*	
08 33 23 11-0048	EA	10' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,477.77	1,128.16
		For 3/4" Insulated Slats, Add	*1,948.12*	
08 33 23 11-0049	EA	10' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,812.28	1,171.57
		For 3/4" Insulated Slats, Add	*2,144.72*	
08 33 23 11-0050	EA	10' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,419.38	1,240.16
		For 3/4" Insulated Slats, Add	*2,514.29*	
08 33 23 11-0051	EA	10' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,095.07	1,343.07
		For 3/4" Insulated Slats, Add	*2,892.43*	
08 33 23 11-0052	EA	10' x 18', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,782.80	1,480.28
		For 3/4" Insulated Slats, Add	*3,236.73*	
08 33 23 11-0053	EA	10' x 20', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,539.15	1,651.78
		For 3/4" Insulated Slats, Add	*3,589.60*	
08 33 23 11-0054	EA	10' x 22', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,364.10	1,857.59
		For 3/4" Insulated Slats, Add	*3,951.05*	
08 33 23 11-0055	EA	10' x 24', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,255.88	2,097.69
		For 3/4" Insulated Slats, Add	*4,319.75*	
08 33 23 11-0056	EA	12' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,828.89	1,171.57
		For 3/4" Insulated Slats, Add	*2,157.18*	
08 33 23 11-0057	EA	12' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,161.23	1,209.29
		For 3/4" Insulated Slats, Add	*2,359.27*	
08 33 23 11-0058	EA	12' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,920.70	1,277.90
		For 3/4" Insulated Slats, Add	*2,843.12*	
08 33 23 11-0059	EA	12' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,748.75	1,380.80
		For 3/4" Insulated Slats, Add	*3,335.53*	
08 33 23 11-0060	EA	12' x 18', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,559.06	1,518.00
		For 3/4" Insulated Slats, Add	*3,771.75*	
08 33 23 11-0061	EA	12' x 20', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,437.97	1,689.51
		For 3/4" Insulated Slats, Add	*4,216.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 11-0062	EA	12' x 22', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,385.48	1,895.32
		For 3/4" Insulated Slats, Add	*4,669.93*	
08 33 23 11-0063	EA	12' x 24', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,470.19	2,169.73
		For 3/4" Insulated Slats, Add	*5,140.44*	
08 33 23 11-0064		**20 Gauge Galvanized Steel Overhead Coiling Doors** *(08 33 23 11-0001)*		
		Note: With curtain hood (barrel cover)		
08 33 23 11-0065	EA	14' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,904.94	1,364.17
		For 3/4" Insulated Slats, Add	*2,723.51*	
08 33 23 11-0066	EA	14' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,473.45	1,432.78
		For 3/4" Insulated Slats, Add	*3,064.14*	
08 33 23 11-0067	EA	14' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,156.70	1,501.38
		For 3/4" Insulated Slats, Add	*3,490.82*	
08 33 23 11-0068	EA	14' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,836.83	1,604.29
		For 3/4" Insulated Slats, Add	*3,872.29*	
08 33 23 11-0069	EA	14' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,624.74	1,741.48
		For 3/4" Insulated Slats, Add	*4,291.71*	
08 33 23 11-0070	EA	14' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,411.92	1,878.69
		For 3/4" Insulated Slats, Add	*4,710.60*	
08 33 23 11-0071	EA	14' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	11,042.62	2,050.19
		For 3/4" Insulated Slats, Add	*5,719.24*	
08 33 23 11-0072	EA	14' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	12,741.93	2,256.01
		For 3/4" Insulated Slats, Add	*6,736.46*	
08 33 23 11-0073	EA	16' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,110.30	1,568.80
		For 3/4" Insulated Slats, Add	*3,371.73*	
08 33 23 11-0074	EA	16' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,755.96	1,637.41
		For 3/4" Insulated Slats, Add	*3,770.22*	
08 33 23 11-0075	EA	16' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,331.84	1,706.00
		For 3/4" Insulated Slats, Add	*4,116.37*	
08 33 23 11-0076	EA	16' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,996.51	1,808.91
		For 3/4" Insulated Slats, Add	*4,486.25*	
08 33 23 11-0077	EA	16' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,787.93	1,946.12
		For 3/4" Insulated Slats, Add	*4,908.30*	
08 33 23 11-0078	EA	16' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,689.26	2,083.31
		For 3/4" Insulated Slats, Add	*5,412.80*	
08 33 23 11-0079	EA	16' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	12,051.71	2,254.82
		For 3/4" Insulated Slats, Add	*6,220.25*	
08 33 23 11-0080	EA	16' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	13,493.35	2,460.64
		For 3/4" Insulated Slats, Add	*7,044.23*	
08 33 23 11-0081	EA	18' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,689.69	1,764.90
		For 3/4" Insulated Slats, Add	*3,561.11*	
08 33 23 11-0082	EA	18' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,268.38	1,833.51
		For 3/4" Insulated Slats, Add	*3,909.37*	
08 33 23 11-0083	EA	18' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,191.37	1,936.41
		For 3/4" Insulated Slats, Add	*4,472.98*	
08 33 23 11-0084	EA	18' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,047.85	2,073.62
		For 3/4" Insulated Slats, Add	*4,943.83*	
08 33 23 11-0085	EA	18' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,978.34	2,245.12
		For 3/4" Insulated Slats, Add	*5,427.32*	
08 33 23 11-0086	EA	18' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	11,978.15	2,450.94
		For 3/4" Insulated Slats, Add	*5,919.91*	
08 33 23 11-0087	EA	18' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	13,674.62	2,691.04
		For 3/4" Insulated Slats, Add	*6,892.13*	
08 33 23 11-0088	EA	18' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	15,471.87	2,965.45
		For 3/4" Insulated Slats, Add	*7,897.05*	
08 33 23 11-0089	EA	20' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,790.48	2,029.64
		For 3/4" Insulated Slats, Add	*4,055.77*	
08 33 23 11-0090	EA	20' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,887.65	2,098.25
		For 3/4" Insulated Slats, Add	*4,792.89*	
08 33 23 11-0091	EA	20' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	11,194.71	2,481.58
		For 3/4" Insulated Slats, Add	*5,294.09*	
08 33 23 11-0092	EA	20' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	12,367.01	2,584.49
		For 3/4" Insulated Slats, Add	*6,044.68*	
08 33 23 11-0093	EA	20' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	13,777.54	2,721.69
		For 3/4" Insulated Slats, Add	*6,931.07*	
08 33 23 11-0094	EA	20' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	15,349.07	2,858.90
		For 3/4" Insulated Slats, Add	*7,938.22*	
08 33 23 11-0095	EA	20' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	16,996.80	3,030.40
		For 3/4" Insulated Slats, Add	*8,959.63*	
08 33 23 11-0096	EA	20' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	18,739.74	3,236.21
		For 3/4" Insulated Slats, Add	*10,009.58*	
08 33 23 11-0097	EA	22' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,630.12	2,402.69
		For 3/4" Insulated Slats, Add	*4,219.27*	
08 33 23 11-0098	EA	22' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,861.44	2,505.59
		For 3/4" Insulated Slats, Add	*5,014.12*	
08 33 23 11-0099	EA	22' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	12,518.86	2,729.73
		For 3/4" Insulated Slats, Add	*5,976.95*	
08 33 23 11-0100	EA	22' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	14,042.55	2,832.63
		For 3/4" Insulated Slats, Add	*6,991.08*	
08 33 23 11-0101	EA	22' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	15,639.87	2,969.84
		For 3/4" Insulated Slats, Add	*8,017.57*	
08 33 23 11-0102	EA	22' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	17,397.64	3,107.05
		For 3/4" Insulated Slats, Add	*9,164.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 11-0103	EA	22' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	19,229.29	3,278.55
		For 3/4" Insulated Slats, Add	*10,323.74*	
08 33 23 11-0104	EA	22' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	21,118.84	3,484.36
		For 3/4" Insulated Slats, Add	*11,483.65*	
08 33 23 11-0105	EA	24' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,613.90	2,642.95
		For 3/4" Insulated Slats, Add	*4,656.71*	
08 33 23 11-0106	EA	24' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	11,452.14	2,711.56
		For 3/4" Insulated Slats, Add	*5,199.63*	
08 33 23 11-0107	EA	24' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	13,260.99	2,780.15
		For 3/4" Insulated Slats, Add	*6,470.51*	
08 33 23 11-0108	EA	24' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	14,959.72	2,883.06
		For 3/4" Insulated Slats, Add	*7,615.93*	
08 33 23 11-0109	EA	24' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	16,661.36	3,020.26
		For 3/4" Insulated Slats, Add	*8,720.66*	
08 33 23 11-0110	EA	24' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	18,522.21	3,157.46
		For 3/4" Insulated Slats, Add	*9,944.79*	
08 33 23 11-0111	EA	24' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	20,782.30	3,346.12
		For 3/4" Insulated Slats, Add	*11,404.04*	
08 33 23 11-0112	EA	24' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	23,096.11	3,534.79
		For 3/4" Insulated Slats, Add	*12,903.57*	

08 33 23 11-0113 18 Gauge Galvanized Steel Overhead Coiling Doors *(08 33 23 11-0001)*

Note: With curtain hood (barrel cover).

08 33 23 11-0114	EA	14' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,517.81	1,432.42
		For 3/4" Insulated Slats, Add	*3,097.92*	
08 33 23 11-0115	EA	14' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,157.89	1,504.45
		For 3/4" Insulated Slats, Add	*3,487.94*	
08 33 23 11-0116	EA	14' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,929.90	1,576.49
		For 3/4" Insulated Slats, Add	*3,976.91*	
08 33 23 11-0117	EA	14' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,691.47	1,684.47
		For 3/4" Insulated Slats, Add	*4,413.02*	
08 33 23 11-0118	EA	14' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,570.12	1,828.53
		For 3/4" Insulated Slats, Add	*4,891.93*	
08 33 23 11-0119	EA	14' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,447.95	1,972.59
		For 3/4" Insulated Slats, Add	*5,370.22*	
08 33 23 11-0120	EA	14' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	12,288.95	2,152.75
		For 3/4" Insulated Slats, Add	*6,525.87*	
08 33 23 11-0121	EA	14' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	14,202.00	2,368.84
		For 3/4" Insulated Slats, Add	*7,690.53*	
08 33 23 11-0122	EA	16' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,863.03	1,647.29
		For 3/4" Insulated Slats, Add	*3,838.25*	
08 33 23 11-0123	EA	16' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,591.82	1,719.31
		For 3/4" Insulated Slats, Add	*4,294.81*	
08 33 23 11-0124	EA	16' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,240.36	1,791.35
		For 3/4" Insulated Slats, Add	*4,691.18*	
08 33 23 11-0125	EA	16' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,984.14	1,899.33
		For 3/4" Insulated Slats, Add	*5,113.95*	
08 33 23 11-0126	EA	16' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,866.84	2,043.39
		For 3/4" Insulated Slats, Add	*5,595.89*	
08 33 23 11-0127	EA	16' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	11,875.93	2,187.46
		For 3/4" Insulated Slats, Add	*6,172.63*	
08 33 23 11-0128	EA	16' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	13,408.44	2,367.61
		For 3/4" Insulated Slats, Add	*7,096.91*	
08 33 23 11-0129	EA	16' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	15,025.17	2,583.71
		For 3/4" Insulated Slats, Add	*8,039.33*	
08 33 23 11-0130	EA	18' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,490.13	1,853.09
		For 3/4" Insulated Slats, Add	*4,051.15*	
08 33 23 11-0131	EA	18' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,141.88	1,925.12
		For 3/4" Insulated Slats, Add	*4,449.92*	
08 33 23 11-0132	EA	18' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,182.75	2,033.24
		For 3/4" Insulated Slats, Add	*5,095.51*	
08 33 23 11-0133	EA	18' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	11,140.25	2,177.30
		For 3/4" Insulated Slats, Add	*5,633.56*	
08 33 23 11-0134	EA	18' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	12,176.02	2,357.31
		For 3/4" Insulated Slats, Add	*6,185.28*	
08 33 23 11-0135	EA	18' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	13,284.62	2,573.41
		For 3/4" Insulated Slats, Add	*6,746.62*	
08 33 23 11-0136	EA	18' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	15,187.55	2,825.60
		For 3/4" Insulated Slats, Add	*7,858.67*	
08 33 23 11-0137	EA	18' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	17,199.49	3,113.72
		For 3/4" Insulated Slats, Add	*9,007.46*	
08 33 23 11-0138	EA	20' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,703.09	2,131.07
		For 3/4" Insulated Slats, Add	*4,613.40*	
08 33 23 11-0139	EA	20' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,951.09	2,203.10
		For 3/4" Insulated Slats, Add	*5,459.36*	
08 33 23 11-0140	EA	20' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	12,135.32	2,605.66
		For 3/4" Insulated Slats, Add	*5,844.42*	
08 33 23 11-0141	EA	20' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	13,425.29	2,713.78
		For 3/4" Insulated Slats, Add	*6,676.84*	
08 33 23 11-0142	EA	20' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	14,975.77	2,857.84
		For 3/4" Insulated Slats, Add	*7,659.62*	
08 33 23 11-0143	EA	20' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	16,705.16	3,001.90
		For 3/4" Insulated Slats, Add	*8,776.58*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 11-0144		EA	20' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	18,515.01	3,181.92
			For 3/4" Insulated Slats, Add	*9,908.86*	
08 33 23 11-0145		EA	20' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	20,426.45	3,398.02
			For 3/4" Insulated Slats, Add	*11,072.32*	
08 33 23 11-0146		EA	22' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,406.45	2,522.78
			For 3/4" Insulated Slats, Add	*4,651.36*	
08 33 23 11-0147		EA	22' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	11,762.00	2,630.90
			For 3/4" Insulated Slats, Add	*5,532.96*	
08 33 23 11-0148		EA	22' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	13,576.28	2,866.21
			For 3/4" Insulated Slats, Add	*6,599.37*	
08 33 23 11-0149		EA	22' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	15,256.66	2,974.33
			For 3/4" Insulated Slats, Add	*7,724.59*	
08 33 23 11-0150		EA	22' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	17,014.72	3,118.39
			For 3/4" Insulated Slats, Add	*8,863.05*	
08 33 23 11-0151		EA	22' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	18,951.00	3,262.46
			For 3/4" Insulated Slats, Add	*10,135.18*	
08 33 23 11-0152		EA	22' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	20,965.22	3,442.47
			For 3/4" Insulated Slats, Add	*11,420.75*	
08 33 23 11-0153		EA	22' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	23,039.58	3,658.56
			For 3/4" Insulated Slats, Add	*12,706.39*	
08 33 23 11-0154		EA	24' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	11,470.15	2,775.11
			For 3/4" Insulated Slats, Add	*5,133.73*	
08 33 23 11-0155		EA	24' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	12,393.14	2,847.14
			For 3/4" Insulated Slats, Add	*5,735.94*	
08 33 23 11-0156		EA	24' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	14,394.58	2,919.17
			For 3/4" Insulated Slats, Add	*7,146.97*	
08 33 23 11-0157		EA	24' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	16,269.49	3,027.15
			For 3/4" Insulated Slats, Add	*8,418.09*	
08 33 23 11-0158		EA	24' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	18,143.44	3,171.21
			For 3/4" Insulated Slats, Add	*9,643.47*	
08 33 23 11-0159		EA	24' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	20,194.29	3,315.28
			For 3/4" Insulated Slats, Add	*11,001.53*	
08 33 23 11-0160		EA	24' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	22,682.51	3,513.41
			For 3/4" Insulated Slats, Add	*12,620.04*	
08 33 23 11-0161		EA	24' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	25,230.28	3,711.53
			For 3/4" Insulated Slats, Add	*14,283.30*	

08 33 23 11-0162 Aluminum Overhead Coiling Doors (Width x Height) *(08 33 23 11)*

Note: Includes necessary anchors, track and hardware. Includes clear anodized aluminum finish. 20 psf wind load. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports and weatherseal. See CSI section 05 12 23 00-0105 for lightweight framing and angle iron.

08 33 23 11-0163 0.04" Aluminum Overhead Coiling Doors *(08 33 23 11-0162)*

08 33 23 11-0164		EA	4' x 8', 0.04" Aluminum Overhead Coiling Door, Chain Lift	2,774.71	781.04
08 33 23 11-0165		EA	4' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift	2,980.44	824.43
08 33 23 11-0166		EA	4' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,492.65	858.73
08 33 23 11-0167		EA	6' x 8', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,394.26	911.21
08 33 23 11-0168		EA	6' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,714.90	998.00
08 33 23 11-0169		EA	6' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,930.64	1,032.30
08 33 23 11-0170		EA	6' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,190.48	1,066.60
08 33 23 11-0171		EA	6' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,487.81	1,118.05
08 33 23 11-0172		EA	8' x 8', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,705.87	976.30
08 33 23 11-0173		EA	8' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,035.17	1,041.38
08 33 23 11-0174		EA	8' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,324.20	1,084.78
08 33 23 11-0175		EA	8' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,584.26	1,119.08
08 33 23 11-0176		EA	8' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,879.67	1,170.53
08 33 23 11-0177		EA	10' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,426.53	1,128.16
08 33 23 11-0178		EA	10' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,710.98	1,171.57
08 33 23 11-0179		EA	10' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift	5,091.91	1,240.16
08 33 23 11-0180		EA	10' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift	5,542.79	1,343.07
08 33 23 11-0181		EA	10' x 18', 0.04" Aluminum Overhead Coiling Door, Chain Lift	6,236.29	1,480.28
08 33 23 11-0182		EA	10' x 20', 0.04" Aluminum Overhead Coiling Door, Chain Lift	6,998.31	1,651.78
08 33 23 11-0183		EA	10' x 22', 0.04" Aluminum Overhead Coiling Door, Chain Lift	7,824.92	1,857.59
08 33 23 11-0184		EA	10' x 24', 0.04" Aluminum Overhead Coiling Door, Chain Lift	8,721.30	2,097.69
08 33 23 11-0185		EA	12' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,706.02	1,171.57
08 33 23 11-0186		EA	12' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift	5,258.78	1,209.29
08 33 23 11-0187		EA	12' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift	5,767.98	1,277.90
08 33 23 11-0188		EA	12' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift	6,348.01	1,380.80
08 33 23 11-0189		EA	12' x 18', 0.04" Aluminum Overhead Coiling Door, Chain Lift	7,129.34	1,518.00
08 33 23 11-0190		EA	12' x 20', 0.04" Aluminum Overhead Coiling Door, Chain Lift	7,981.20	1,689.51
08 33 23 11-0191		EA	12' x 22', 0.04" Aluminum Overhead Coiling Door, Chain Lift	8,621.62	1,895.32
08 33 23 11-0192		EA	12' x 24', 0.04" Aluminum Overhead Coiling Door, Chain Lift	9,401.84	2,169.73

08 33 23 11-0193 0.05" Aluminum Overhead Coiling Doors *(08 33 23 11-0162)*

08 33 23 11-0194		EA	14' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	5,384.19	1,364.17
08 33 23 11-0195		EA	14' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	6,052.56	1,432.78
08 33 23 11-0196		EA	14' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	6,708.39	1,501.38
08 33 23 11-0197		EA	14' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	7,382.49	1,604.29
08 33 23 11-0198		EA	14' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,166.09	1,741.48
08 33 23 11-0199		EA	14' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,949.64	1,878.69
08 33 23 11-0200		EA	14' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	9,812.82	2,050.19

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 11-0201	EA	14' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	10,744.74	2,256.01
08 33 23 11-0202	EA	16' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	6,272.79	1,568.80
08 33 23 11-0203	EA	16' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	6,971.02	1,637.41
08 33 23 11-0204	EA	16' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	7,640.97	1,706.00
08 33 23 11-0205	EA	16' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,399.95	1,808.91
08 33 23 11-0206	EA	16' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	9,284.13	1,946.12
08 33 23 11-0207	EA	16' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	10,215.42	2,083.31
08 33 23 11-0208	EA	16' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	11,177.58	2,254.82
08 33 23 11-0209	EA	16' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	12,159.66	2,460.64
08 33 23 11-0210	EA	18' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	7,012.35	1,764.90
08 33 23 11-0211	EA	18' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	7,759.31	1,833.51
08 33 23 11-0212	EA	18' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,646.19	1,936.41
08 33 23 11-0213	EA	18' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	9,589.45	2,073.62
08 33 23 11-0214	EA	18' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	10,611.36	2,245.12
08 33 23 11-0215	EA	18' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	11,695.60	2,450.94
08 33 23 11-0216	EA	18' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	12,846.85	2,691.04
08 33 23 11-0217	EA	18' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	14,073.00	2,965.45
08 33 23 11-0218	EA	20' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,013.29	2,029.64
08 33 23 11-0219	EA	20' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,774.39	2,098.25
08 33 23 11-0220	EA	20' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	10,022.09	2,201.15
08 33 23 11-0221	EA	20' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	10,912.58	2,338.35
08 33 23 11-0222	EA	20' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	12,019.34	2,509.86
08 33 23 11-0223	EA	20' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	13,222.98	2,715.66
08 33 23 11-0224	EA	20' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	14,444.94	2,955.78
08 33 23 11-0225	EA	20' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	15,768.53	3,230.18
08 33 23 11-0226	EA	22' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	9,461.74	2,402.69
08 33 23 11-0227	EA	22' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	10,465.87	2,505.59
08 33 23 11-0228	EA	22' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	11,825.75	2,729.73
08 33 23 11-0229	EA	22' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	12,922.60	2,832.63
08 33 23 11-0230	EA	22' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	14,086.49	2,969.84
08 33 23 11-0231	EA	22' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	15,261.38	3,107.05
08 33 23 11-0232	EA	22' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	16,445.15	3,278.55
08 33 23 11-0233	EA	22' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	17,705.37	3,484.36
08 33 23 11-0234	EA	24' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	10,427.95	2,642.95
08 33 23 11-0235	EA	24' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	11,044.47	2,711.56
08 33 23 11-0236	EA	24' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	12,504.92	2,780.15
08 33 23 11-0237	EA	24' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	13,730.62	2,883.06
08 33 23 11-0238	EA	24' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	14,960.51	3,020.26
08 33 23 11-0239	EA	24' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	16,190.42	3,157.46
08 33 23 11-0240	EA	24' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	17,652.34	3,328.97
08 33 23 11-0241	EA	24' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	19,230.04	3,534.79

08 33 23 11-0242 Overhead Coiling Door Accessories *(08 33 23 11)*

08 33 23 11-0243	LF	Bottom Of Door, Weather Strip Seal For Coiling Doors, Astragal Only	5.17	1.42
08 33 23 11-0244	LF	Top Of Door (Lintel), Weather Strip Seal For Coiling Doors	34.96	1.71
08 33 23 11-0245	LF	Side Of Door (Guides), Weather Strip Seal For Coiling Doors	33.32	1.71
08 33 23 11-0246	EA	Cylinder Lock For Coiling Doors	288.31	71.17
08 33 23 11-0247	LF	3" High Vision Lites, 5/8" Insulated Glazing With Wind Lock For Overhead Coiling Doors Note: Additional cost for factory supplied.	16.98	
08 33 23 11-0248	LF	10" High Vision Lites, 1" Insulated Glazing With Wind Lock For Overhead Coiling Doors Note: Additional cost for factory supplied.	67.90	
08 33 23 11-0249	EA	Up To 12' Height, 1/2 HP Motorized Jackshaft Operator For Coiling Doors And Grilles Note: Includes three button inside station controls and mounting hardware.	1,859.97	227.76
08 33 23 11-0250	EA	Up To 12' Height, 3/4 HP Motorized Jackshaft Operator For Coiling Doors And Grilles Note: Includes three button inside station controls and mounting hardware.	2,360.94	227.76
08 33 23 11-0251	EA	>12' To 18' Height, 1/2 HP Motorized Jackshaft Operator For Coiling Doors And Grilles Note: Includes three button inside station controls and mounting hardware.	2,205.05	256.23
08 33 23 11-0252	EA	>12' To 18' Height, 3/4 HP Motorized Jackshaft Operator For Coiling Doors And Grilles Note: Includes three button inside station controls and mounting hardware.	2,616.36	256.23
08 33 23 11-0253	EA	>18' To 24' Height, 3/4 HP Motorized Jackshaft Operator For Coiling Doors And Grilles Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.	2,850.71	284.70
08 33 23 11-0254	EA	>18' To 24' Height, 1 HP Motorized Jackshaft Operator For Coiling Doors And Grilles Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.	3,100.23	284.70
08 33 23 11-0255	LF	Safety Edge Bottom Bar Obstruction Detection Device, Electric For Coiling Doors And Grilles	85.93	
08 33 23 11-0256	EA	Remote Transmitter Kit For Coiling Door Operators	377.86	113.88

08 33 23 11-0257 Removal And Reinstallation Of Roll-Up Door And Support *(08 33 23 11)*

Note: Includes storage, cleaning and supply materials.

08 33 23 11-0258	SF	Removal And Reinstallation Of Metal Roll-up Door And Supports	24.28	

08 33 23 13 Overhead Rapid Coiling Doors *(08 33 23)*

Note: Includes panels, guides, counterbalance mechanisms, hardware, operators, frame, supports and/or trim as required. Excludes lifting equipment (forklift or scissor lift) where required. See CSI section 01 22 23 00-0885 for forklift.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0001		32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) *(08 33 23 13)* Note: Door panel is 32 ounce vinyl. Side frames are fully bolted together, anodized aluminum construction with weather seal. Bottom bar releases in either direction when impacted, without damage to door. Manual drive system.		
08 33 23 13-0002		32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) *(08 33 23 13-0001)*		
08 33 23 13-0003		5' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) *(08 33 23 13-0002)*		
08 33 23 13-0004	EA	5' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,305.34	416.79
08 33 23 13-0005	EA	5' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,593.99	436.15
08 33 23 13-0006	EA	5' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,880.70	455.52
08 33 23 13-0007	EA	5' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,165.48	474.88
08 33 23 13-0008	EA	5' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,454.14	494.24
08 33 23 13-0009	EA	5' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,740.86	513.60
08 33 23 13-0010		6' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) *(08 33 23 13-0002)*		
08 33 23 13-0011	EA	6' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,593.99	436.15
08 33 23 13-0012	EA	6' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,880.70	455.52
08 33 23 13-0013	EA	6' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,165.48	474.88
08 33 23 13-0014	EA	6' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,454.14	494.24
08 33 23 13-0015	EA	6' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,740.86	513.60
08 33 23 13-0016	EA	6' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	7,027.58	532.96
08 33 23 13-0017		7' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) *(08 33 23 13-0002)*		
08 33 23 13-0018	EA	7' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,880.70	455.52
08 33 23 13-0019	EA	7' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,165.48	474.88
08 33 23 13-0020	EA	7' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,454.14	494.24
08 33 23 13-0021	EA	7' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,740.86	513.60
08 33 23 13-0022	EA	7' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	7,027.58	532.96
08 33 23 13-0023	EA	7' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	7,316.24	552.32
08 33 23 13-0024		8' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) *(08 33 23 13-0002)*		
08 33 23 13-0025	EA	8' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,165.48	474.88
08 33 23 13-0026	EA	8' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,454.14	494.24
08 33 23 13-0027	EA	8' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,740.86	513.60
08 33 23 13-0028	EA	8' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	7,027.58	532.96
08 33 23 13-0029	EA	8' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	7,316.24	552.32
08 33 23 13-0030	EA	8' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	7,601.02	571.67
08 33 23 13-0031		9' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) *(08 33 23 13-0002)*		
08 33 23 13-0032	EA	9' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,454.14	494.24
08 33 23 13-0033	EA	9' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,740.86	513.60
08 33 23 13-0034	EA	9' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	7,027.58	532.96
08 33 23 13-0035	EA	9' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	7,316.24	552.32
08 33 23 13-0036	EA	9' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	7,601.02	571.67
08 33 23 13-0037	EA	9' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	7,889.67	591.03
08 33 23 13-0038		10' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) *(08 33 23 13-0002)*		
08 33 23 13-0039	EA	10' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,740.86	513.60
08 33 23 13-0040	EA	10' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	7,027.58	532.96
08 33 23 13-0041	EA	10' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	7,316.24	552.32
08 33 23 13-0042	EA	10' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	7,601.02	571.67
08 33 23 13-0043	EA	10' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	7,889.67	591.03
08 33 23 13-0044	EA	10' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	8,176.38	610.39
08 33 23 13-0045		Rytec® Bantam® Door Options *(08 33 23 13-0001)*		
08 33 23 13-0046	SF	Upgrade To 2-Ply Rilon Panel Material For Rytec® Bantam® High-Speed Rolling Doors	12.11	
08 33 23 13-0047	SF	Upgrade To 3-Ply Rilon Panel Material For Rytec® Bantam® High-Speed Rolling Doors	26.64	
08 33 23 13-0048	LF	31" High Full Vision Panel For Rytec® Bantam® High-Speed Rolling Doors Note: Multiply linear foot price x width of door.	38.75	
08 33 23 13-0049	EA	Two 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Bantam® High-Speed Rolling Doors	368.12	
08 33 23 13-0050	EA	Roll Cover For Rytec® Bantam® High-Speed Rolling Doors	695.13	56.94
08 33 23 13-0051	EA	Motor Cover For Rytec® Bantam® High-Speed Rolling Doors	695.13	56.94

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0052	EA	Motor Operator For Rytec® Bantam® High-Speed Rolling Doors Note: Includes open/close/stop pushbutton, pneumatic reversing edge and coil cord.	2,988.69	113.88
08 33 23 13-0053	EA	Additional NEMA 4 Pushbutton Control For Rytec® Bantam® Motor Operator Note: Includes open/close/stop control.	365.75	56.94
08 33 23 13-0054	EA	Auto Close Feature For Rytec® Bantam® Motor Operator	356.07	56.94
08 33 23 13-0055		2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) *(08 33 23 13)* Note: Rytec® PredaDoor® PD5500. Door panel is 2-ply multi-filament Rilon. Includes full width vision panel. Side frames are fully bolted together, anodized aluminum construction with weather seal. Bottom bar releases in either direction when impacted, without damage to door. Drive system is a 3 phase, variable-speed AC Drive with brake and absolute encoder. Opens at 50" per second and closes at 21" per second.		
08 33 23 13-0056		2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) *(08 33 23 13-0055)*		
08 33 23 13-0057		6' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) *(08 33 23 13-0056)*		
08 33 23 13-0058	EA	6' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	16,489.92	455.52
08 33 23 13-0059	EA	6' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	16,754.68	474.88
08 33 23 13-0060	EA	6' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	17,060.70	494.24
08 33 23 13-0061	EA	6' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	17,488.71	513.60
08 33 23 13-0062	EA	6' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	17,925.70	532.96
08 33 23 13-0063	EA	6' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	18,664.07	552.32
08 33 23 13-0064	EA	6' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	19,187.16	571.67
08 33 23 13-0065		7' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) *(08 33 23 13-0056)*		
08 33 23 13-0066	EA	7' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	16,813.88	474.88
08 33 23 13-0067	EA	7' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	17,152.19	494.24
08 33 23 13-0068	EA	7' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	17,578.41	513.60
08 33 23 13-0069	EA	7' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	18,029.75	532.96
08 33 23 13-0070	EA	7' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	18,626.39	552.32
08 33 23 13-0071	EA	7' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	19,346.82	571.67
08 33 23 13-0072	EA	7' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	19,914.77	591.03
08 33 23 13-0073		8' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) *(08 33 23 13-0056)*		
08 33 23 13-0074	EA	8' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	17,209.60	494.24
08 33 23 13-0075	EA	8' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	17,634.03	513.60
08 33 23 13-0076	EA	8' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	18,103.30	532.96
08 33 23 13-0077	EA	8' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	18,717.89	552.32
08 33 23 13-0078	EA	8' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	19,271.48	571.67
08 33 23 13-0079	EA	8' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	20,056.49	591.03
08 33 23 13-0080	EA	8' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	20,699.77	610.39
08 33 23 13-0081		9' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) *(08 33 23 13-0056)*		
08 33 23 13-0082	EA	9' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	17,693.23	513.60
08 33 23 13-0083	EA	9' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	18,158.91	532.96
08 33 23 13-0084	EA	9' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	18,773.50	552.32
08 33 23 13-0085	EA	9' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	19,345.03	571.67
08 33 23 13-0086	EA	9' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	19,945.27	591.03
08 33 23 13-0087	EA	9' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	20,568.81	610.39
08 33 23 13-0088	EA	9' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	21,253.36	629.75
08 33 23 13-0089		10' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) *(08 33 23 13-0056)*		
08 33 23 13-0090	EA	10' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	18,205.56	532.96
08 33 23 13-0091	EA	10' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	18,832.70	552.32
08 33 23 13-0092	EA	10' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	19,398.85	571.67
08 33 23 13-0093	EA	10' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	20,004.47	591.03
08 33 23 13-0094	EA	10' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	20,676.45	610.39
08 33 23 13-0095	EA	10' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	20,808.46	629.75
08 33 23 13-0096	EA	10' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	21,954.06	649.11
08 33 23 13-0097		11' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) *(08 33 23 13-0056)*		
08 33 23 13-0098	EA	11' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	18,866.79	552.32
08 33 23 13-0099	EA	11' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	19,447.29	571.67
08 33 23 13-0100	EA	11' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	20,060.08	591.03
08 33 23 13-0101	EA	11' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	20,733.86	610.39
08 33 23 13-0102	EA	11' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	21,174.43	629.75
08 33 23 13-0103	EA	11' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	22,050.93	649.11
08 33 23 13-0104	EA	11' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	22,767.79	668.47

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0105		12' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) *(08 33 23 13-0056)*		
08 33 23 13-0106	EA	12' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	19,463.43	571.67
08 33 23 13-0107	EA	12' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	20,092.37	591.03
08 33 23 13-0108	EA	12' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	20,778.71	610.39
08 33 23 13-0109	EA	12' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	21,235.42	629.75
08 33 23 13-0110	EA	12' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	21,837.45	649.11
08 33 23 13-0111	EA	12' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	22,850.31	668.47
08 33 23 13-0112	EA	12' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	23,552.79	687.83
08 33 23 13-0113		Rytec® PredaDoor® Door Options *(08 33 23 13-0055)*		
08 33 23 13-0114	EA	Up To 10' Wide Doors, Roll And Motor Hood For Rytec® PredaDoor® High-Speed Rolling Doors	810.80	113.88
08 33 23 13-0115	EA	>10' To 15' Wide Doors, Roll And Motor Hood For Rytec® PredaDoor® High-Speed Rolling Doors	1,196.51	113.88
08 33 23 13-0116	SF	Upgrade To 3-Ply Rilon Panel Material For Rytec® PredaDoor® High-Speed Rolling Doors	14.53	
08 33 23 13-0117		3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13)*		
		Note: Rytec® Fast-Seal® FS1000. Door panel is heavy-duty 3-ply multi-filament Rilon. Independent opening and closing speeds up to 50" per second. Side frames are fully bolted together, reinforced with front and rear wind bar guides and full height vinyl weather seal on either side of the door panel. Counterbalance system consists of guided counterweights custom-sized to provide proper balancing of each door system. The independent tension system maintains constant panel tensioning. The drive system is a 3 phase, variable speed AC drive motor with brake and absolute encoder. Bottom bar breaks away in either direction without damage to the bar, safety astragal, or side covers.		
08 33 23 13-0118		3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0117)*		
08 33 23 13-0119		8' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*		
08 33 23 13-0120	EA	8' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	24,937.38	1,024.91
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	
08 33 23 13-0121	EA	8' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	26,073.63	1,053.96
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	
08 33 23 13-0122	EA	8' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	27,062.78	1,082.99
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	
08 33 23 13-0123	EA	8' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	28,127.29	1,112.03
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	
08 33 23 13-0124	EA	8' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	29,335.30	1,141.07
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	
08 33 23 13-0125	EA	8' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	29,965.66	1,170.11
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	
08 33 23 13-0126	EA	8' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	30,954.81	1,199.15
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	
08 33 23 13-0127	EA	8' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	31,835.00	1,230.33
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0128	EA	8' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	33,241.66	1,262.31
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	
08 33 23 13-0129	EA	8' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	34,376.80	1,295.13
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	
08 33 23 13-0130	EA	8' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	35,784.88	1,328.81
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	
08 33 23 13-0131		9' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*		
08 33 23 13-0132	EA	9' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	26,073.63	1,053.96
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,750.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,125.00*	
08 33 23 13-0133	EA	9' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	27,062.78	1,082.99
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,750.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,125.00*	
08 33 23 13-0134	EA	9' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	28,127.29	1,112.03
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,750.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,125.00*	
08 33 23 13-0135	EA	9' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	29,335.30	1,141.07
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,750.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,125.00*	
08 33 23 13-0136	EA	9' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	29,965.66	1,170.11
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,750.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,125.00*	
08 33 23 13-0137	EA	9' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	30,954.81	1,199.15
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,750.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,125.00*	
08 33 23 13-0138	EA	9' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	32,232.78	1,228.19
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,750.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,125.00*	
08 33 23 13-0139	EA	9' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	33,241.65	1,262.31
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,750.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,125.00*	
08 33 23 13-0140	EA	9' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	34,376.80	1,295.13
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,750.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,125.00*	
08 33 23 13-0141	EA	9' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	35,784.88	1,328.81
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,750.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,125.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0142	EA	9' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	37,464.05	1,363.35
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,750.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,125.00*	

08 33 23 13-0143 10' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*

08 33 23 13-0144	EA	10' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	27,062.78	1,082.99
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 23 13-0145	EA	10' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	28,127.29	1,112.03
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 23 13-0146	EA	10' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	29,335.30	1,141.07
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 23 13-0147	EA	10' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	29,965.66	1,170.11
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 23 13-0148	EA	10' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	30,954.81	1,199.15
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 23 13-0149	EA	10' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	32,232.78	1,228.19
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 23 13-0150	EA	10' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	33,439.02	1,257.23
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 23 13-0151	EA	10' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	34,375.54	1,294.50
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 23 13-0152	EA	10' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	35,783.59	1,328.16
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 23 13-0153	EA	10' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	37,462.72	1,362.69
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 23 13-0154	EA	10' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	38,876.26	1,398.12
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	

08 33 23 13-0155 11' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0156	EA	11' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	28,127.29	1,112.03
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,850.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*5,775.00*	
08 33 23 13-0157	EA	11' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	29,335.30	1,141.07
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,850.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*5,775.00*	
08 33 23 13-0158	EA	11' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	29,965.66	1,170.11
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,850.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*5,775.00*	
08 33 23 13-0159	EA	11' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	30,954.81	1,199.15
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,850.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*5,775.00*	
08 33 23 13-0160	EA	11' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	32,232.78	1,228.19
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,850.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*5,775.00*	
08 33 23 13-0161	EA	11' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	33,439.02	1,257.23
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,850.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*5,775.00*	
08 33 23 13-0162	EA	11' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	34,788.75	1,286.26
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,850.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*5,775.00*	
08 33 23 13-0163	EA	11' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	35,780.48	1,326.61
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,850.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*5,775.00*	
08 33 23 13-0164	EA	11' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	37,459.53	1,361.10
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,850.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*5,775.00*	
08 33 23 13-0165	EA	11' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	38,872.99	1,396.49
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,850.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*5,775.00*	
08 33 23 13-0166	EA	11' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	40,553.73	1,432.79
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,850.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*5,775.00*	
08 33 23 13-0167		12' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*		
08 33 23 13-0168	EA	12' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	29,335.30	1,141.07
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 23 13-0169	EA	12' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	29,965.66	1,170.11
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0170	EA	12' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	30,954.81	1,199.15
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 23 13-0171	EA	12' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	32,232.78	1,228.19
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 23 13-0172	EA	12' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	33,439.02	1,257.23
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 23 13-0173	EA	12' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	34,788.75	1,286.26
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 23 13-0174	EA	12' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	35,756.38	1,315.31
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 23 13-0175	EA	12' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	37,454.76	1,358.71
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 23 13-0176	EA	12' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	38,868.08	1,394.04
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 23 13-0177	EA	12' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	40,548.69	1,430.29
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 23 13-0178	EA	12' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	42,231.19	1,467.47
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	

08 33 23 13-0179 13' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*

08 33 23 13-0180	EA	13' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	30,704.77	1,170.11
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,950.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,975.00*	
08 33 23 13-0181	EA	13' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	31,971.99	1,199.15
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,950.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,975.00*	
08 33 23 13-0182	EA	13' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	33,172.83	1,228.19
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,950.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,975.00*	
08 33 23 13-0183	EA	13' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	34,569.22	1,257.23
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,950.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,975.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0184	EA	13' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	35,960.22	1,286.26
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,950.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,975.00*	
08 33 23 13-0185	EA	13' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	36,990.63	1,315.31
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,950.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,975.00*	
08 33 23 13-0186	EA	13' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	37,771.68	1,344.35
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,950.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,975.00*	
08 33 23 13-0187	EA	13' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	38,972.27	1,390.91
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,950.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,975.00*	
08 33 23 13-0188	EA	13' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	40,654.66	1,427.07
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,950.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,975.00*	
08 33 23 13-0189	EA	13' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	42,344.74	1,464.19
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,950.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,975.00*	
08 33 23 13-0190	EA	13' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	43,831.37	1,502.25
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,950.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,975.00*	
08 33 23 13-0191		14' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*		
08 33 23 13-0192	EA	14' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	31,971.99	1,199.15
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 23 13-0193	EA	14' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	33,172.83	1,228.19
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 23 13-0194	EA	14' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	34,569.22	1,257.23
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 23 13-0195	EA	14' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	35,960.22	1,286.26
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 23 13-0196	EA	14' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	36,990.63	1,315.31
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 23 13-0197	EA	14' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	37,771.68	1,344.35
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0198	EA	14' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	38,936.64	1,373.38
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 23 13-0199	EA	14' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	40,646.60	1,423.05
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 23 13-0200	EA	14' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	42,336.46	1,460.04
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 23 13-0201	EA	14' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	43,822.89	1,498.00
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 23 13-0202	EA	14' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	47,072.45	1,536.95
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	

08 33 23 13-0203 15' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*

08 33 23 13-0204	EA	15' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	33,115.32	1,199.15
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0205	EA	15' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	34,512.21	1,228.19
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0206	EA	15' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	35,903.30	1,257.23
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0207	EA	15' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	36,933.99	1,286.26
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0208	EA	15' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	37,714.75	1,315.31
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0209	EA	15' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	38,879.14	1,344.35
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0210	EA	15' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	40,610.45	1,404.98
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0211	EA	15' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	42,327.93	1,455.77
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0212	EA	15' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	43,814.13	1,493.62
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0213	EA	15' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	47,063.46	1,532.46
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0214	EA	15' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	49,346.08	1,572.31
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	

08 33 23 13-0215 16' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0216	EA	16' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	34,565.73	1,254.94
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,070.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,790.00*	
08 33 23 13-0217	EA	16' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	35,959.51	1,285.34
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,070.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,790.00*	
08 33 23 13-0218	EA	16' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	36,992.91	1,315.72
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,070.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,790.00*	
08 33 23 13-0219	EA	16' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	37,776.37	1,346.12
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,070.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,790.00*	
08 33 23 13-0220	EA	16' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	38,943.46	1,376.50
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,070.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,790.00*	
08 33 23 13-0221	EA	16' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	40,614.30	1,406.90
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,070.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,790.00*	
08 33 23 13-0222	EA	16' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	42,290.95	1,437.28
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,070.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,790.00*	
08 33 23 13-0223	EA	16' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	43,805.39	1,489.25
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,070.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,790.00*	
08 33 23 13-0224	EA	16' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	47,054.50	1,527.98
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,070.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,790.00*	
08 33 23 13-0225	EA	16' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	49,336.89	1,567.70
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,070.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,790.00*	
08 33 23 13-0226	EA	16' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	51,632.97	1,608.47
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,070.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,790.00*	
08 33 23 13-0227		17' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*		
08 33 23 13-0228	EA	17' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	35,828.57	1,283.81
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0229	EA	17' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	36,991.25	1,314.90
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0230	EA	17' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	38,399.99	1,345.99
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0231	EA	17' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	39,948.22	1,377.08
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0232	EA	17' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	41,368.59	1,408.17
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0233	EA	17' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	43,484.50	1,439.26
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0234	EA	17' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	45,522.92	1,470.35
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0235	EA	17' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	47,045.57	1,523.51
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0236	EA	17' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	49,327.72	1,563.12
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0237	EA	17' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	51,623.57	1,603.76
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0238	EA	17' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	53,849.83	1,645.46
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	

08 33 23 13-0239 18' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*

08 33 23 13-0240	EA	18' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	37,364.00	1,313.34
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,720.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*8,230.00*	
08 33 23 13-0241	EA	18' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	38,902.04	1,345.14
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,720.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*8,230.00*	
08 33 23 13-0242	EA	18' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	40,577.64	1,376.95
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,720.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*8,230.00*	
08 33 23 13-0243	EA	18' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	42,247.43	1,408.75
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,720.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*8,230.00*	
08 33 23 13-0244	EA	18' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	43,988.91	1,440.56
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,720.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*8,230.00*	
08 33 23 13-0245	EA	18' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	46,466.64	1,472.36
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,720.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*8,230.00*	
08 33 23 13-0246	EA	18' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	49,014.12	1,504.17
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,720.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*8,230.00*	
08 33 23 13-0247	EA	18' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	50,258.26	1,558.55
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,720.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*8,230.00*	
08 33 23 13-0248	EA	18' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	51,614.18	1,599.08
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,720.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*8,230.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0249	EA	18' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	53,776.26	1,640.65
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,720.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*8,230.00*	
08 33 23 13-0250	EA	18' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	56,008.32	1,683.30
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,720.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*8,230.00*	
08 33 23 13-0251		19' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*		
08 33 23 13-0252	EA	19' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	38,898.84	1,343.54
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0253	EA	19' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	40,575.91	1,376.08
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0254	EA	19' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	42,247.17	1,408.61
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0255	EA	19' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	43,990.11	1,441.15
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0256	EA	19' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	46,469.30	1,473.69
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0257	EA	19' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	49,018.24	1,506.22
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0258	EA	19' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	50,218.69	1,538.76
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0259	EA	19' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	51,604.83	1,594.39
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0260	EA	19' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	53,766.67	1,635.85
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0261	EA	19' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	55,998.47	1,678.38
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0262	EA	19' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	58,232.50	1,722.02
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0263		20' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*		
08 33 23 13-0264	EA	20' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	40,572.65	1,374.44
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0265	EA	20' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	42,245.40	1,407.72
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0266	EA	20' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	43,989.84	1,441.01
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0267	EA	20' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	46,470.52	1,474.29
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0268	EA	20' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	49,020.96	1,507.58
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0269	EA	20' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	50,222.90	1,540.86
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0270	EA	20' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	51,564.34	1,574.15
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0271	EA	20' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	53,757.10	1,631.07
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0272	EA	20' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	55,988.66	1,673.48
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0273	EA	20' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	58,222.43	1,716.98
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0274	EA	20' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	60,187.21	1,761.62
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	

08 33 23 13-0275 21' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*

08 33 23 13-0276	EA	21' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	50,800.54	1,474.15
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0277	EA	21' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	53,282.75	1,508.20
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0278	EA	21' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	55,832.78	1,542.25
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0279	EA	21' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	57,040.12	1,576.30
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0280	EA	21' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	58,381.16	1,610.35
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0281	EA	21' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	60,576.55	1,668.59
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0282	EA	21' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	62,810.06	1,711.97
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0283	EA	21' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	65,045.82	1,756.48
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0284	EA	21' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	67,012.65	1,802.15
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	

08 33 23 13-0285 22' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*

08 33 23 13-0286	EA	22' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	52,743.84	1,508.06
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0287	EA	22' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	55,229.56	1,542.90
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0288	EA	22' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	57,779.22	1,577.72
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0289	EA	22' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	58,986.19	1,612.56
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0290	EA	22' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	60,332.67	1,647.39
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0291	EA	22' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	62,530.74	1,706.95
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0292	EA	22' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	64,766.24	1,751.34
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0293	EA	22' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	67,002.12	1,796.87
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0294	EA	22' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	68,972.98	1,843.60
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	

08 33 23 13-0295 23' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*

08 33 23 13-0296	EA	23' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	54,690.64	1,542.75
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0297	EA	23' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	57,176.03	1,578.38
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0298	EA	23' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	59,729.22	1,614.02
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0299	EA	23' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	60,937.80	1,649.65
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0300	EA	23' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	62,283.95	1,685.28
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0301	EA	23' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	64,486.69	1,746.22
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0302	EA	23' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	66,722.30	1,791.62
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0303	EA	23' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	68,962.20	1,838.20
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0304	EA	23' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	70,935.23	1,885.99
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	

08 33 23 13-0305 24' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*

08 33 23 13-0306	EA	24' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	56,637.11	1,578.23
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0307	EA	24' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	59,124.13	1,614.68
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0308	EA	24' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	61,680.90	1,651.14
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0309	EA	24' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	62,891.12	1,687.59
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0310	EA	24' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	64,236.97	1,724.04
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0311	EA	24' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	66,440.57	1,786.38
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0312	EA	24' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	68,680.21	1,832.82
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0313	EA	24' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	70,924.19	1,880.49
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0314	EA	24' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	72,895.54	1,929.38
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	

08 33 23 13-0315 Rytec® Fast-Seal® Door Options *(08 33 23 13-0117)*

08 33 23 13-0316	LF	Strapped Windbar For Rytec® Fast-Seal® High-Speed Rolling Doors Note: Multiply linear foot price x width of door.	53.82
08 33 23 13-0317	EA	Up To 10' Wide Doors, Roll And Motor Hood For Rytec® Fast-Seal® High-Speed Rolling Doors	583.04
08 33 23 13-0318	EA	>10' To 15' Wide Doors, Roll And Motor Hood For Rytec® Fast-Seal® High-Speed Rolling Doors	968.75
08 33 23 13-0319	EA	>15' To 20' Wide Doors, Roll And Motor Hood For Rytec® Fast-Seal® High-Speed Rolling Doors	1,424.63
08 33 23 13-0320	EA	>20' To 24' Wide Doors, Roll And Motor Hood For Rytec® Fast-Seal® High-Speed Rolling Doors	2,131.24
08 33 23 13-0321	EA	One 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Window With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors	340.86
08 33 23 13-0322	EA	Two 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors Note: Door must be at least 90" wide.	672.74
08 33 23 13-0323	EA	Three 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors Note: Door must be at least 102" wide.	852.14
08 33 23 13-0324	EA	Four 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors Note: Door must be at least 136" wide.	1,345.48
08 33 23 13-0325	EA	One 24" x 24", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Window With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors	394.67
08 33 23 13-0326	EA	Two 24" x 24", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors Note: Door must be at least 108" wide.	780.38
08 33 23 13-0327	EA	Three 24" x 24", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors Note: Door must be at least 144" wide.	968.75
08 33 23 13-0328	EA	Four 24" x 24", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors Note: Door must be at least 192" wide.	1,560.76
08 33 23 13-0329	EA	Sloped Roll And Motor Cover For Interior Or Exterior Door Widths Of 8' Or 10'	774.92
		For 304 Stainless Steel, Add	*123.99*
		For 316 Stainless Steel, Add	*542.44*
08 33 23 13-0330	EA	Sloped Roll And Motor Cover For Interior Or Exterior Door Widths Of 12' Or 14'	1,007.40
		For 304 Stainless Steel, Add	*161.18*
		For 316 Stainless Steel, Add	*705.18*
08 33 23 13-0331	EA	Sloped Roll And Motor Cover For Interior Or Exterior Door Widths Of 16' Or 18'	1,317.37
		For 304 Stainless Steel, Add	*210.78*
		For 316 Stainless Steel, Add	*922.16*
08 33 23 13-0332	EA	Through Wall Brake Release	200.50
08 33 23 13-0333	EA	Explosion Proof Upgrade Package: Control Box (including internal components), Motor, Rotary Limit Switch, Photo-eyes, Safety Bar, Push Buttons	22,240.35
		For NEMA 12 Control Box Mounted Outside Explosion Proof Area, Deduct	*-6,200.00*

08 33 23 13-0334 High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) *(08 33 23 13)*

Note: Rytec® Powerhouse™. Door panel is styrene butadiene rubber (SBR) panel 1/4" thick, made of two 1/8" thick layers, 60 durometer; sandwiched with 1-ply, 110 lb. polyester cord center. Panel includes bonded SBR beveled segmented windlocks to allow the door panel to effectively release from the side frame in case of accidental impact. Vertical orange stripes for visual safety awareness. Side frames are structural columns consisting of 5 x 2 x 1/4" structural steel tubing, welded to a reinforced 0.22" thick steel 'Z' mounting bracket and 0.18" thick steel hinged cover. Drive system is a 480 volt, 3-phase variable speed AC Drive motor with brake and absolute encoder. Opens at up to 60" per second and closes at 21" per second.

08 33 23 13-0335 High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) *(08 33 23 13-0334)*

08 33 23 13-0336 8' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) *(08 33 23 13-0335)*

08 33 23 13-0337	EA	8' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	33,049.74	1,024.91
08 33 23 13-0338	EA	8' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	33,336.43	1,053.96
08 33 23 13-0339	EA	8' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	33,849.82	1,082.99
08 33 23 13-0340	EA	8' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	34,363.22	1,112.03
08 33 23 13-0341	EA	8' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	34,878.54	1,141.07
08 33 23 13-0342	EA	8' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,391.93	1,170.11
08 33 23 13-0343	EA	8' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,676.69	1,199.15

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0344	EA	8' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,196.30	1,230.33
08 33 23 13-0345	EA	8' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,170.90	1,262.31
08 33 23 13-0346	EA	8' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,465.17	1,295.13
08 33 23 13-0347	EA	8' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	38,216.44	1,328.81
08 33 23 13-0348		**9' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** *(08 33 23 13-0335)*		
08 33 23 13-0349	EA	9' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	33,336.43	1,053.96
08 33 23 13-0350	EA	9' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	33,621.20	1,082.99
08 33 23 13-0351	EA	9' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	34,136.53	1,112.03
08 33 23 13-0352	EA	9' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	34,878.54	1,141.07
08 33 23 13-0353	EA	9' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,163.31	1,170.11
08 33 23 13-0354	EA	9' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,676.69	1,199.15
08 33 23 13-0355	EA	9' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,192.02	1,228.19
08 33 23 13-0356	EA	9' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,715.59	1,262.31
08 33 23 13-0357	EA	9' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,920.48	1,295.13
08 33 23 13-0358	EA	9' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	39,129.00	1,328.81
08 33 23 13-0359	EA	9' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	40,337.35	1,363.36
08 33 23 13-0360		**10' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** *(08 33 23 13-0335)*		
08 33 23 13-0361	EA	10' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	34,989.07	1,082.99
08 33 23 13-0362	EA	10' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,275.78	1,112.03
08 33 23 13-0363	EA	10' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,789.16	1,141.07
08 33 23 13-0364	EA	10' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,531.18	1,170.11
08 33 23 13-0365	EA	10' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,044.56	1,199.15
08 33 23 13-0366	EA	10' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,559.89	1,228.19
08 33 23 13-0367	EA	10' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	38,073.29	1,257.23
08 33 23 13-0368	EA	10' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	38,831.77	1,294.50
08 33 23 13-0369	EA	10' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	39,809.71	1,328.17
08 33 23 13-0370	EA	10' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	41,246.64	1,362.69
08 33 23 13-0371	EA	10' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	42,458.69	1,398.12
08 33 23 13-0372		**11' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** *(08 33 23 13-0335)*		
08 33 23 13-0373	EA	11' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,047.16	1,112.03
08 33 23 13-0374	EA	11' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,560.54	1,141.07
08 33 23 13-0375	EA	11' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,075.87	1,170.11
08 33 23 13-0376	EA	11' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,817.87	1,199.15
08 33 23 13-0377	EA	11' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,331.26	1,228.19
08 33 23 13-0378	EA	11' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,844.66	1,257.23
08 33 23 13-0379	EA	11' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	39,043.92	1,286.26
08 33 23 13-0380	EA	11' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	40,490.53	1,326.61
08 33 23 13-0381	EA	11' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	41,927.39	1,361.10
08 33 23 13-0382	EA	11' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	43,366.04	1,396.49
08 33 23 13-0383	EA	11' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	44,577.90	1,432.79
08 33 23 13-0384		**12' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** *(08 33 23 13-0335)*		
08 33 23 13-0385	EA	12' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,333.85	1,141.07
08 33 23 13-0386	EA	12' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,847.24	1,170.11
08 33 23 13-0387	EA	12' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,360.62	1,199.15
08 33 23 13-0388	EA	12' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,102.64	1,228.19
08 33 23 13-0389	EA	12' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,844.66	1,257.23
08 33 23 13-0390	EA	12' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	39,270.61	1,286.26
08 33 23 13-0391	EA	12' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	40,696.56	1,315.31
08 33 23 13-0392	EA	12' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	42,151.24	1,358.71
08 33 23 13-0393	EA	12' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	43,816.44	1,394.04
08 33 23 13-0394	EA	12' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	45,256.81	1,430.28
08 33 23 13-0395	EA	12' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	46,699.06	1,467.47
08 33 23 13-0396		**13' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** *(08 33 23 13-0335)*		
08 33 23 13-0397	EA	13' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,847.24	1,170.11
08 33 23 13-0398	EA	13' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,133.94	1,199.15
08 33 23 13-0399	EA	13' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,647.33	1,228.19
08 33 23 13-0400	EA	13' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,617.98	1,257.23
08 33 23 13-0401	EA	13' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	39,270.61	1,286.26
08 33 23 13-0402	EA	13' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	40,925.18	1,315.31
08 33 23 13-0403	EA	13' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	42,351.13	1,344.35
08 33 23 13-0404	EA	13' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	44,038.83	1,390.91
08 33 23 13-0405	EA	13' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	45,707.65	1,427.07
08 33 23 13-0406	EA	13' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	47,376.41	1,464.18
08 33 23 13-0407	EA	13' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	48,820.41	1,502.25

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0408		**14' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** *(08 33 23 13-0335)*		
08 33 23 13-0409	EA	14' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,133.94	1,199.15
08 33 23 13-0410	EA	14' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,418.70	1,228.19
08 33 23 13-0411	EA	14' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,160.73	1,257.23
08 33 23 13-0412	EA	14' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	38,586.67	1,286.26
08 33 23 13-0413	EA	14' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	40,696.56	1,315.31
08 33 23 13-0414	EA	14' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	42,351.13	1,344.35
08 33 23 13-0415	EA	14' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	44,232.38	1,373.38
08 33 23 13-0416	EA	14' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	45,926.26	1,423.05
08 33 23 13-0417	EA	14' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	47,596.76	1,460.05
08 33 23 13-0418	EA	14' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	49,267.24	1,498.00
08 33 23 13-0419	EA	14' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	51,170.24	1,536.95
08 33 23 13-0420		**15' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** *(08 33 23 13-0335)*		
08 33 23 13-0421	EA	15' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,556.98	1,226.73
08 33 23 13-0422	EA	15' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	38,071.71	1,256.44
08 33 23 13-0423	EA	15' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	38,815.05	1,286.14
08 33 23 13-0424	EA	15' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	39,785.10	1,315.85
08 33 23 13-0425	EA	15' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	42,124.94	1,345.56
08 33 23 13-0426	EA	15' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	44,007.53	1,375.26
08 33 23 13-0427	EA	15' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	45,890.13	1,404.98
08 33 23 13-0428	EA	15' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	47,588.23	1,455.78
08 33 23 13-0429	EA	15' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	49,487.11	1,493.61
08 33 23 13-0430	EA	15' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	51,387.95	1,532.47
08 33 23 13-0431	EA	15' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	53,290.82	1,572.30
08 33 23 13-0432		**16' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** *(08 33 23 13-0335)*		
08 33 23 13-0433	EA	16' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,840.09	1,254.95
08 33 23 13-0434	EA	16' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	38,584.81	1,285.33
08 33 23 13-0435	EA	16' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	39,329.54	1,315.72
08 33 23 13-0436	EA	16' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	41,213.49	1,346.11
08 33 23 13-0437	EA	16' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	43,781.38	1,376.50
08 33 23 13-0438	EA	16' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	45,667.28	1,406.90
08 33 23 13-0439	EA	16' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	47,551.26	1,437.28
08 33 23 13-0440	EA	16' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	49,478.37	1,489.25
08 33 23 13-0441	EA	16' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	51,378.99	1,527.98
08 33 23 13-0442	EA	16' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	53,281.62	1,567.70
08 33 23 13-0443	EA	16' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	55,414.96	1,608.47
08 33 23 13-0444		**17' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** *(08 33 23 13-0335)*		
08 33 23 13-0445	EA	17' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	38,355.06	1,283.81
08 33 23 13-0446	EA	17' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	38,872.55	1,314.90
08 33 23 13-0447	EA	17' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	40,757.91	1,345.99
08 33 23 13-0448	EA	17' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	42,643.27	1,377.08
08 33 23 13-0449	EA	17' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	45,212.57	1,408.17
08 33 23 13-0450	EA	17' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	47,326.55	1,439.25
08 33 23 13-0451	EA	17' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	49,211.92	1,470.34
08 33 23 13-0452	EA	17' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	51,370.06	1,523.51
08 33 23 13-0453	EA	17' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	53,272.46	1,563.11
08 33 23 13-0454	EA	17' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	55,405.56	1,603.76
08 33 23 13-0455	EA	17' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	57,540.75	1,645.46
08 33 23 13-0456		**18' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** *(08 33 23 13-0335)*		
08 33 23 13-0457	EA	18' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	38,869.43	1,313.34
08 33 23 13-0458	EA	18' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	39,388.36	1,345.14
08 33 23 13-0459	EA	18' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	41,959.07	1,376.95
08 33 23 13-0460	EA	18' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	44,074.50	1,408.74
08 33 23 13-0461	EA	18' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	46,645.23	1,440.55
08 33 23 13-0462	EA	18' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	48,760.63	1,472.36
08 33 23 13-0463	EA	18' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	51,104.67	1,504.17
08 33 23 13-0464	EA	18' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	53,263.32	1,558.55
08 33 23 13-0465	EA	18' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	55,396.17	1,599.07
08 33 23 13-0466	EA	18' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	57,531.12	1,640.65
08 33 23 13-0467	EA	18' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	59,668.25	1,683.30

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0468		**19' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** *(08 33 23 13-0335)*		
08 33 23 13-0469	EA	19' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	39,840.47	1,343.54
08 33 23 13-0470	EA	19' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	40,589.47	1,376.08
08 33 23 13-0471	EA	19' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	43,390.28	1,408.62
08 33 23 13-0472	EA	19' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	45,507.17	1,441.15
08 33 23 13-0473	EA	19' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	48,307.98	1,473.69
08 33 23 13-0474	EA	19' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	50,424.87	1,506.22
08 33 23 13-0475	EA	19' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	52,768.43	1,538.76
08 33 23 13-0476	EA	19' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	54,931.51	1,594.40
08 33 23 13-0477	EA	19' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	57,292.92	1,635.85
08 33 23 13-0478	EA	19' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	59,429.78	1,678.39
08 33 23 13-0479	EA	19' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	61,797.49	1,722.03
08 33 23 13-0480		**20' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** *(08 33 23 13-0335)*		
08 33 23 13-0481	EA	20' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	41,270.15	1,374.44
08 33 23 13-0482	EA	20' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	42,020.65	1,407.73
08 33 23 13-0483	EA	20' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	44,594.33	1,441.02
08 33 23 13-0484	EA	20' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	46,941.34	1,474.29
08 33 23 13-0485	EA	20' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	49,743.64	1,507.58
08 33 23 13-0486	EA	20' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	52,088.72	1,540.86
08 33 23 13-0487	EA	20' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	54,435.71	1,574.16
08 33 23 13-0488	EA	20' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	56,828.04	1,631.07
08 33 23 13-0489	EA	20' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	59,193.28	1,673.48
08 33 23 13-0490	EA	20' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	61,558.79	1,716.98
08 33 23 13-0491	EA	20' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	63,926.58	1,761.63
08 33 23 13-0492		**21' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** *(08 33 23 13-0335)*		
08 33 23 13-0493	EA	21' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	41,562.00	1,406.05
08 33 23 13-0494	EA	21' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	43,681.91	1,440.10
08 33 23 13-0495	EA	21' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	45,801.81	1,474.15
08 33 23 13-0496	EA	21' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	48,377.02	1,508.20
08 33 23 13-0497	EA	21' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	51,180.86	1,542.25
08 33 23 13-0498	EA	21' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	53,756.08	1,576.30
08 33 23 13-0499	EA	21' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	56,102.67	1,610.35
08 33 23 13-0500	EA	21' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	58,726.24	1,668.59
08 33 23 13-0501	EA	21' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	61,093.44	1,711.97
08 33 23 13-0502	EA	21' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	63,460.95	1,756.47
08 33 23 13-0503	EA	21' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	66,059.41	1,802.14
08 33 23 13-0504		**22' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** *(08 33 23 13-0335)*		
08 33 23 13-0505	EA	22' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	42,081.98	1,438.40
08 33 23 13-0506	EA	22' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	43,974.82	1,473.24
08 33 23 13-0507	EA	22' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	47,237.48	1,508.06
08 33 23 13-0508	EA	22' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	49,814.26	1,542.90
08 33 23 13-0509	EA	22' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	52,846.36	1,577.73
08 33 23 13-0510	EA	22' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	55,423.14	1,612.57
08 33 23 13-0511	EA	22' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	57,773.24	1,647.39
08 33 23 13-0512	EA	22' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	60,399.50	1,706.95
08 33 23 13-0513	EA	22' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	62,995.37	1,751.33
08 33 23 13-0514	EA	22' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	65,593.55	1,796.88
08 33 23 13-0515	EA	22' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	68,194.11	1,843.59
08 33 23 13-0516		**23' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** *(08 33 23 13-0335)*		
08 33 23 13-0517	EA	23' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	43,744.65	1,471.47
08 33 23 13-0518	EA	23' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	45,410.47	1,507.12
08 33 23 13-0519	EA	23' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	48,446.10	1,542.75
08 33 23 13-0520	EA	23' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	51,253.10	1,578.38
08 33 23 13-0521	EA	23' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	54,286.81	1,614.01
08 33 23 13-0522	EA	23' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	56,865.19	1,649.65
08 33 23 13-0523	EA	23' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	59,672.21	1,685.29
08 33 23 13-0524	EA	23' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	62,301.20	1,746.22
08 33 23 13-0525	EA	23' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	64,899.12	1,791.62
08 33 23 13-0526	EA	23' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	67,728.03	1,838.20
08 33 23 13-0527	EA	23' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	70,330.72	1,886.00
08 33 23 13-0528		**24' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** *(08 33 23 13-0335)*		
08 33 23 13-0529	EA	24' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	45,180.21	1,505.32

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0530	EA	24' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	46,392.37	1,541.78
08 33 23 13-0531	EA	24' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	49,884.94	1,578.23
08 33 23 13-0532	EA	24' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	52,464.96	1,614.68
08 33 23 13-0533	EA	24' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	55,728.92	1,651.14
08 33 23 13-0534	EA	24' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	58,537.57	1,687.58
08 33 23 13-0535	EA	24' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	61,344.29	1,724.04
08 33 23 13-0536	EA	24' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	64,204.71	1,786.38
08 33 23 13-0537	EA	24' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	66,804.72	1,832.83
08 33 23 13-0538	EA	24' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	69,635.76	1,880.48
08 33 23 13-0539	EA	24' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	72,469.29	1,929.38

08 33 23 13-0540 Rytec® Powerhouse™ Door Options *(08 33 23 13-0334)*

08 33 23 13-0541	EA	Up To 8' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	2,964.37	
08 33 23 13-0542	EA	9' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,022.49	
08 33 23 13-0543	EA	10' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,080.62	
08 33 23 13-0544	EA	11' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,138.74	
08 33 23 13-0545	EA	12' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,196.87	
08 33 23 13-0546	EA	13' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,254.99	
08 33 23 13-0547	EA	14' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,313.11	
08 33 23 13-0548	EA	15' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,371.24	
08 33 23 13-0549	EA	16' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,429.36	
08 33 23 13-0550	EA	17' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,487.49	
08 33 23 13-0551	EA	18' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,545.61	
08 33 23 13-0552	EA	19' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,603.74	
08 33 23 13-0553	EA	20' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,661.86	
08 33 23 13-0554	EA	21' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,719.99	
08 33 23 13-0555	EA	22' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,778.11	
08 33 23 13-0556	EA	23' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,836.24	
08 33 23 13-0557	EA	24' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,894.36	
08 33 23 13-0558	EA	11" x 20" Window For Rytec® Powerhouse™ High-Speed Rolling Doors	678.12	
08 33 23 13-0559	EA	208-230 Volt Application For Rytec® Powerhouse™ Door Note: Includes System 4 Controller In NEMA 4 Enclosure	1,666.24	

08 33 23 13-0560 Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral®) *(08 33 23 13)*

Note: Door panels are double-walled aluminum slats that are 6" high x 1-3/16" thick. Width is variable. Side frames are galvanized steel with full height weather seal on both sides. There are extension springs in each column for counterbalance. The drive system is a 2 HP, 208,230/460 Volt, three-phase motor with variable speed AC drive. Opening and closing speeds up to 60" per second.

08 33 23 13-0561 Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral®) *(08 33 23 13-0560)*

08 33 23 13-0562 8' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 23 13-0561)*

08 33 23 13-0563	EA	8' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	35,518.01	1,366.55
08 33 23 13-0564	EA	8' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	36,546.63	1,395.59
08 33 23 13-0565	EA	8' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	37,575.25	1,424.63
08 33 23 13-0566	EA	8' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	38,605.67	1,453.66
08 33 23 13-0567	EA	8' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	39,634.29	1,482.71
08 33 23 13-0568	EA	8' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	40,662.90	1,511.75
08 33 23 13-0569	EA	8' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	43,630.81	1,540.78
08 33 23 13-0570	EA	8' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	44,654.01	1,571.60
08 33 23 13-0571	EA	8' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	45,677.88	1,603.03
08 33 23 13-0572	EA	8' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	46,702.99	1,635.09
08 33 23 13-0573	EA	8' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	47,729.39	1,667.80

08 33 23 13-0574 9' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 23 13-0561)*

08 33 23 13-0575	EA	9' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	36,546.63	1,395.59
08 33 23 13-0576	EA	9' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	37,575.25	1,424.63
08 33 23 13-0577	EA	9' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	38,605.67	1,453.66
08 33 23 13-0578	EA	9' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	39,634.29	1,482.71
08 33 23 13-0579	EA	9' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	40,662.90	1,511.75
08 33 23 13-0580	EA	9' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	41,691.52	1,540.78
08 33 23 13-0581	EA	9' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	44,659.43	1,569.83
08 33 23 13-0582	EA	9' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	45,667.93	1,601.22
08 33 23 13-0583	EA	9' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	46,710.92	1,633.25
08 33 23 13-0584	EA	9' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	47,737.25	1,665.92
08 33 23 13-0585	EA	9' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	48,764.88	1,699.22

08 33 23 13-0586 10' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 23 13-0561)*

08 33 23 13-0587	EA	10' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	37,575.25	1,424.63
08 33 23 13-0588	EA	10' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	38,605.67	1,453.66
08 33 23 13-0589	EA	10' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	39,634.29	1,482.71
08 33 23 13-0590	EA	10' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	40,662.90	1,511.75
08 33 23 13-0591	EA	10' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	41,691.52	1,540.78

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0592	EA	10' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	42,720.14	1,569.83
08 33 23 13-0593	EA	10' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	45,688.05	1,598.86
08 33 23 13-0594	EA	10' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	46,713.86	1,630.84
08 33 23 13-0595	EA	10' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	47,740.09	1,663.46
08 33 23 13-0596	EA	10' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	48,767.62	1,696.74
08 33 23 13-0597	EA	10' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	49,796.50	1,730.65
08 33 23 13-0598		11' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 23 13-0561)*		
08 33 23 13-0599	EA	11' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	38,605.67	1,453.66
08 33 23 13-0600	EA	11' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	39,634.29	1,482.71
08 33 23 13-0601	EA	11' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	40,662.90	1,511.75
08 33 23 13-0602	EA	11' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	41,691.52	1,540.78
08 33 23 13-0603	EA	11' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	42,720.14	1,569.83
08 33 23 13-0604	EA	11' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	43,748.76	1,598.86
08 33 23 13-0605	EA	11' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	46,714.88	1,627.90
08 33 23 13-0606	EA	11' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	47,743.78	1,660.46
08 33 23 13-0607	EA	11' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	48,771.20	1,693.66
08 33 23 13-0608	EA	11' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	49,799.95	1,727.54
08 33 23 13-0609	EA	11' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	50,830.04	1,762.10
08 33 23 13-0610		12' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 23 13-0561)*		
08 33 23 13-0611	EA	12' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	39,634.29	1,482.71
08 33 23 13-0612	EA	12' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	40,662.90	1,511.75
08 33 23 13-0613	EA	12' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	41,691.52	1,540.78
08 33 23 13-0614	EA	12' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	42,720.14	1,569.83
08 33 23 13-0615	EA	12' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	43,748.76	1,598.86
08 33 23 13-0616	EA	12' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	44,777.38	1,627.90
08 33 23 13-0617	EA	12' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	47,745.28	1,656.95
08 33 23 13-0618	EA	12' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	48,773.71	1,690.08
08 33 23 13-0619	EA	12' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	49,802.32	1,723.88
08 33 23 13-0620	EA	12' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	50,832.26	1,758.36
08 33 23 13-0621	EA	12' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	51,865.54	1,793.53
08 33 23 13-0622		13' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 23 13-0561)*		
08 33 23 13-0623	EA	13' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	40,662.90	1,511.75
08 33 23 13-0624	EA	13' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	41,691.52	1,540.78
08 33 23 13-0625	EA	13' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	42,720.14	1,569.83
08 33 23 13-0626	EA	13' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	43,748.76	1,598.86
08 33 23 13-0627	EA	13' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	44,777.38	1,627.90
08 33 23 13-0628	EA	13' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	45,806.00	1,656.95
08 33 23 13-0629	EA	13' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	48,773.91	1,685.98
08 33 23 13-0630	EA	13' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	49,803.63	1,719.70
08 33 23 13-0631	EA	13' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	50,833.41	1,754.09
08 33 23 13-0632	EA	13' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	51,864.59	1,789.18
08 33 23 13-0633	EA	13' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	52,897.14	1,824.96
08 33 23 13-0634		14' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 23 13-0561)*		
08 33 23 13-0635	EA	14' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	43,630.81	1,540.78
08 33 23 13-0636	EA	14' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	44,659.43	1,569.83
08 33 23 13-0637	EA	14' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	45,688.05	1,598.86
08 33 23 13-0638	EA	14' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	46,714.88	1,627.90
08 33 23 13-0639	EA	14' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	47,745.28	1,656.95
08 33 23 13-0640	EA	14' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	48,773.91	1,685.98
08 33 23 13-0641	EA	14' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	49,793.57	1,715.02
08 33 23 13-0642	EA	14' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	50,823.87	1,749.32
08 33 23 13-0643	EA	14' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	51,854.84	1,784.31
08 33 23 13-0644	EA	14' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	52,887.21	1,820.00
08 33 23 13-0645	EA	14' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	53,921.02	1,856.39
08 33 23 13-0646		15' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 23 13-0561)*		
08 33 23 13-0647	EA	15' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	44,654.01	1,571.60
08 33 23 13-0648	EA	15' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	45,685.87	1,601.22
08 33 23 13-0649	EA	15' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	46,713.86	1,630.84
08 33 23 13-0650	EA	15' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	47,743.78	1,660.46
08 33 23 13-0651	EA	15' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	48,773.71	1,690.08
08 33 23 13-0652	EA	15' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	49,803.63	1,719.70
08 33 23 13-0653	EA	15' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	50,823.87	1,749.32
08 33 23 13-0654	EA	15' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	51,854.84	1,784.31
08 33 23 13-0655	EA	15' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	52,887.21	1,820.00

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0656	EA	15' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	53,921.02	1,856.39
08 33 23 13-0657	EA	15' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	54,956.27	1,893.52
08 33 23 13-0658		16' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 23 13-0561)*		
08 33 23 13-0659	EA	16' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	45,677.88	1,603.03
08 33 23 13-0660	EA	16' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	46,710.92	1,633.25
08 33 23 13-0661	EA	16' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	47,740.09	1,663.46
08 33 23 13-0662	EA	16' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	48,771.20	1,693.66
08 33 23 13-0663	EA	16' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	49,802.32	1,723.88
08 33 23 13-0664	EA	16' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	50,833.41	1,754.09
08 33 23 13-0665	EA	16' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	51,854.84	1,784.31
08 33 23 13-0666	EA	16' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	52,887.21	1,820.00
08 33 23 13-0667	EA	16' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	53,921.02	1,856.39
08 33 23 13-0668	EA	16' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	54,956.27	1,893.52
08 33 23 13-0669	EA	16' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	55,994.93	1,931.39
08 33 23 13-0670		17' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 23 13-0561)*		
08 33 23 13-0671	EA	17' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	46,702.99	1,635.09
08 33 23 13-0672	EA	17' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	47,737.25	1,665.92
08 33 23 13-0673	EA	17' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	48,767.62	1,696.74
08 33 23 13-0674	EA	17' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	49,799.95	1,727.54
08 33 23 13-0675	EA	17' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	50,832.26	1,758.36
08 33 23 13-0676	EA	17' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	51,864.59	1,789.18
08 33 23 13-0677	EA	17' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	52,887.21	1,820.00
08 33 23 13-0678	EA	17' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	53,921.02	1,856.39
08 33 23 13-0679	EA	17' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	54,956.27	1,893.52
08 33 23 13-0680	EA	17' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	55,994.93	1,931.39
08 33 23 13-0681	EA	17' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	57,033.19	1,970.02
08 33 23 13-0682		18' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 23 13-0561)*		
08 33 23 13-0683	EA	18' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	47,944.45	1,667.80
08 33 23 13-0684	EA	18' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	48,978.01	1,699.22
08 33 23 13-0685	EA	18' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	50,011.56	1,730.65
08 33 23 13-0686	EA	18' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	51,043.16	1,762.10
08 33 23 13-0687	EA	18' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	52,078.66	1,793.53
08 33 23 13-0688	EA	18' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	53,110.27	1,824.96
08 33 23 13-0689	EA	18' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	54,136.08	1,856.39
08 33 23 13-0690	EA	18' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	55,171.33	1,893.52
08 33 23 13-0691	EA	18' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	56,208.06	1,931.39
08 33 23 13-0692	EA	18' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	57,246.31	1,970.02
08 33 23 13-0693	EA	18' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	58,286.11	2,009.43
08 33 23 13-0694		19' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 23 13-0561)*		
08 33 23 13-0695	EA	19' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	49,291.85	1,701.16
08 33 23 13-0696	EA	19' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	50,328.59	1,733.22
08 33 23 13-0697	EA	19' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	51,361.48	1,765.28
08 33 23 13-0698	EA	19' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	52,396.28	1,797.33
08 33 23 13-0699	EA	19' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	53,431.09	1,829.40
08 33 23 13-0700	EA	19' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	54,465.88	1,861.46
08 33 23 13-0701	EA	19' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	55,491.02	1,893.52
08 33 23 13-0702	EA	19' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	56,527.74	1,931.39
08 33 23 13-0703	EA	19' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	57,566.00	1,970.02
08 33 23 13-0704	EA	19' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	58,605.80	2,009.43
08 33 23 13-0705	EA	19' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	59,649.11	2,049.61
08 33 23 13-0706		20' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 23 13-0561)*		
08 33 23 13-0707	EA	20' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	50,961.75	1,735.52
08 33 23 13-0708	EA	20' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	52,000.43	1,767.40
08 33 23 13-0709	EA	20' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	53,034.08	1,800.44
08 33 23 13-0710	EA	20' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	54,070.83	1,833.46
08 33 23 13-0711	EA	20' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	55,106.41	1,866.48
08 33 23 13-0712	EA	20' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	56,142.01	1,898.37
08 33 23 13-0713	EA	20' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	57,169.05	1,931.39
08 33 23 13-0714	EA	20' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	58,207.49	1,970.11
08 33 23 13-0715	EA	20' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	59,247.07	2,009.97
08 33 23 13-0716	EA	20' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	60,288.92	2,049.83
08 33 23 13-0717	EA	20' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	61,331.90	2,090.83

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0718		Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®) *(08 33 23 13-0560)*		
08 33 23 13-0719		8' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®) *(08 33 23 13-0718)*		
08 33 23 13-0720	EA	8' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	35,785.62	911.03
08 33 23 13-0721	EA	8' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	36,572.42	930.39
08 33 23 13-0722	EA	8' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	37,359.23	949.75
08 33 23 13-0723	EA	8' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	38,142.46	969.11
08 33 23 13-0724	EA	8' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	38,929.27	988.47
08 33 23 13-0725	EA	8' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	39,716.07	1,007.83
08 33 23 13-0726	EA	8' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	47,980.17	1,027.19
08 33 23 13-0727		9' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®) *(08 33 23 13-0718)*		
08 33 23 13-0728	EA	9' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	36,572.42	930.39
08 33 23 13-0729	EA	9' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	37,359.23	949.75
08 33 23 13-0730	EA	9' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	38,142.46	969.11
08 33 23 13-0731	EA	9' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	38,929.27	988.47
08 33 23 13-0732	EA	9' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	39,716.07	1,007.83
08 33 23 13-0733	EA	9' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	40,502.87	1,027.19
08 33 23 13-0734	EA	9' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	48,766.97	1,046.55
08 33 23 13-0735		10' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®) *(08 33 23 13-0718)*		
08 33 23 13-0736	EA	10' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	37,359.23	949.75
08 33 23 13-0737	EA	10' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	38,142.46	969.11
08 33 23 13-0738	EA	10' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	38,929.27	988.47
08 33 23 13-0739	EA	10' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	39,716.07	1,007.83
08 33 23 13-0740	EA	10' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	40,502.87	1,027.19
08 33 23 13-0741	EA	10' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	41,289.68	1,046.55
08 33 23 13-0742	EA	10' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	49,553.78	1,065.91
08 33 23 13-0743		11' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®) *(08 33 23 13-0718)*		
08 33 23 13-0744	EA	11' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	38,142.46	969.11
08 33 23 13-0745	EA	11' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	38,929.27	988.47
08 33 23 13-0746	EA	11' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	39,716.07	1,007.83
08 33 23 13-0747	EA	11' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	40,502.87	1,027.19
08 33 23 13-0748	EA	11' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	41,289.68	1,046.55
08 33 23 13-0749	EA	11' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	42,076.49	1,065.91
08 33 23 13-0750	EA	11' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	50,336.99	1,085.27
08 33 23 13-0751		12' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®) *(08 33 23 13-0718)*		
08 33 23 13-0752	EA	12' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	38,929.27	988.47
08 33 23 13-0753	EA	12' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	39,716.07	1,007.83
08 33 23 13-0754	EA	12' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	40,502.87	1,027.19
08 33 23 13-0755	EA	12' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	41,289.68	1,046.55
08 33 23 13-0756	EA	12' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	42,076.49	1,065.91
08 33 23 13-0757	EA	12' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	42,863.29	1,085.27
08 33 23 13-0758	EA	12' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	51,123.81	1,104.63
08 33 23 13-0759		13' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®) *(08 33 23 13-0718)*		
08 33 23 13-0760	EA	13' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	39,716.07	1,007.83
08 33 23 13-0761	EA	13' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	40,502.87	1,027.19
08 33 23 13-0762	EA	13' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	41,289.68	1,046.55
08 33 23 13-0763	EA	13' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	42,076.49	1,065.91
08 33 23 13-0764	EA	13' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	42,863.29	1,085.27
08 33 23 13-0765	EA	13' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	43,650.11	1,104.63
08 33 23 13-0766	EA	13' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	51,910.62	1,123.99
08 33 23 13-0767		14' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®) *(08 33 23 13-0718)*		
08 33 23 13-0768	EA	14' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	47,980.17	1,027.19
08 33 23 13-0769	EA	14' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	48,766.97	1,046.55
08 33 23 13-0770	EA	14' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	49,553.78	1,065.91
08 33 23 13-0771	EA	14' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	50,336.99	1,085.27
08 33 23 13-0772	EA	14' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	51,123.81	1,104.63
08 33 23 13-0773	EA	14' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	51,910.62	1,123.99

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0774	EA	14' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	52,697.43	1,143.35
08 33 23 13-0775		Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®) *(08 33 23 13-0560)*		
08 33 23 13-0776		8' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®) *(08 33 23 13-0775)*		
08 33 23 13-0777	EA	8' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	33,222.03	911.03
08 33 23 13-0778	EA	8' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	34,008.83	930.39
08 33 23 13-0779	EA	8' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	34,795.64	949.75
08 33 23 13-0780	EA	8' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	35,580.66	969.11
08 33 23 13-0781	EA	8' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	36,367.47	988.47
08 33 23 13-0782	EA	8' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	37,142.22	1,002.71
08 33 23 13-0783	EA	8' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	42,564.90	1,007.83
08 33 23 13-0784		9' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®) *(08 33 23 13-0775)*		
08 33 23 13-0785	EA	9' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	34,008.83	930.39
08 33 23 13-0786	EA	9' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	34,795.64	949.75
08 33 23 13-0787	EA	9' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	35,580.66	969.11
08 33 23 13-0788	EA	9' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	36,367.47	988.47
08 33 23 13-0789	EA	9' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	37,152.47	1,007.83
08 33 23 13-0790	EA	9' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	37,924.48	1,019.78
08 33 23 13-0791	EA	9' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	40,664.33	1,027.19
08 33 23 13-0792		10' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®) *(08 33 23 13-0775)*		
08 33 23 13-0793	EA	10' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	34,795.64	949.75
08 33 23 13-0794	EA	10' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	35,580.66	969.11
08 33 23 13-0795	EA	10' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	36,367.47	988.47
08 33 23 13-0796	EA	10' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	37,152.47	1,007.83
08 33 23 13-0797	EA	10' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	37,939.28	1,027.19
08 33 23 13-0798	EA	10' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	38,715.84	1,041.42
08 33 23 13-0799	EA	10' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	41,673.59	1,046.55
08 33 23 13-0800		11' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®) *(08 33 23 13-0775)*		
08 33 23 13-0801	EA	11' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	35,580.66	969.11
08 33 23 13-0802	EA	11' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	36,367.47	988.47
08 33 23 13-0803	EA	11' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	37,152.47	1,007.83
08 33 23 13-0804	EA	11' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	37,939.28	1,027.19
08 33 23 13-0805	EA	11' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	38,726.09	1,046.55
08 33 23 13-0806	EA	11' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	39,502.65	1,060.78
08 33 23 13-0807	EA	11' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	42,682.85	1,065.91
08 33 23 13-0808		12' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®) *(08 33 23 13-0775)*		
08 33 23 13-0809	EA	12' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	36,367.47	988.47
08 33 23 13-0810	EA	12' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	37,152.47	1,007.83
08 33 23 13-0811	EA	12' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	37,939.28	1,027.19
08 33 23 13-0812	EA	12' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	38,726.09	1,046.55
08 33 23 13-0813	EA	12' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	39,512.90	1,065.91
08 33 23 13-0814	EA	12' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	40,287.18	1,079.00
08 33 23 13-0815	EA	12' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	43,692.10	1,085.27
08 33 23 13-0816		13' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®) *(08 33 23 13-0775)*		
08 33 23 13-0817	EA	13' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	37,152.47	1,007.83
08 33 23 13-0818	EA	13' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	37,939.28	1,027.19
08 33 23 13-0819	EA	13' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	38,726.09	1,046.55
08 33 23 13-0820	EA	13' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	39,512.90	1,065.91
08 33 23 13-0821	EA	13' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	40,299.70	1,085.27
08 33 23 13-0822	EA	13' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	41,075.12	1,098.94
08 33 23 13-0823	EA	13' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	44,701.38	1,104.63
08 33 23 13-0824		14' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®) *(08 33 23 13-0775)*		
08 33 23 13-0825	EA	14' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	42,603.62	1,027.19
08 33 23 13-0826	EA	14' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	43,612.88	1,046.55
08 33 23 13-0827	EA	14' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	44,622.14	1,065.91
08 33 23 13-0828	EA	14' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	45,629.60	1,085.27

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0829	EA	14' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	46,640.66	1,104.63
08 33 23 13-0830	EA	14' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	47,639.67	1,118.86
08 33 23 13-0831	EA	14' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	47,649.92	1,123.99
08 33 23 13-0832		Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®) *(08 33 23 13-0560)*		
08 33 23 13-0833		8' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®) *(08 33 23 13-0832)*		
08 33 23 13-0834	EA	8' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	44,613.56	911.03
08 33 23 13-0835	EA	8' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	45,615.21	930.39
08 33 23 13-0836	EA	8' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	46,614.93	949.75
08 33 23 13-0837	EA	8' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	48,147.46	969.11
08 33 23 13-0838	EA	8' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	49,681.93	988.47
08 33 23 13-0839	EA	8' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	51,216.38	1,007.83
08 33 23 13-0840	EA	8' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	52,750.85	1,027.19
08 33 23 13-0841		9' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®) *(08 33 23 13-0832)*		
08 33 23 13-0842	EA	9' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	45,615.21	930.39
08 33 23 13-0843	EA	9' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	46,614.93	949.75
08 33 23 13-0844	EA	9' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	47,614.65	969.11
08 33 23 13-0845	EA	9' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	49,149.12	988.47
08 33 23 13-0846	EA	9' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	50,681.64	1,007.83
08 33 23 13-0847	EA	9' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	52,216.10	1,027.19
08 33 23 13-0848	EA	9' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	53,760.25	1,046.55
08 33 23 13-0849		10' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®) *(08 33 23 13-0832)*		
08 33 23 13-0850	EA	10' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	46,614.93	949.75
08 33 23 13-0851	EA	10' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	47,614.65	969.11
08 33 23 13-0852	EA	10' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	48,614.37	988.47
08 33 23 13-0853	EA	10' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	50,148.83	1,007.83
08 33 23 13-0854	EA	10' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	51,681.35	1,027.19
08 33 23 13-0855	EA	10' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	53,215.82	1,046.55
08 33 23 13-0856	EA	10' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	54,769.66	1,065.91
08 33 23 13-0857		11' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®) *(08 33 23 13-0832)*		
08 33 23 13-0858	EA	11' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	47,614.65	969.11
08 33 23 13-0859	EA	11' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	48,614.37	988.47
08 33 23 13-0860	EA	11' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	49,614.08	1,007.83
08 33 23 13-0861	EA	11' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	51,148.54	1,027.19
08 33 23 13-0862	EA	11' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	52,683.01	1,046.55
08 33 23 13-0863	EA	11' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	54,215.54	1,065.91
08 33 23 13-0864	EA	11' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	55,777.12	1,085.27
08 33 23 13-0865		12' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®) *(08 33 23 13-0832)*		
08 33 23 13-0866	EA	12' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	48,614.37	988.47
08 33 23 13-0867	EA	12' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	49,614.08	1,007.83
08 33 23 13-0868	EA	12' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	50,613.79	1,027.19
08 33 23 13-0869	EA	12' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	52,148.26	1,046.55
08 33 23 13-0870	EA	12' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	53,682.72	1,065.91
08 33 23 13-0871	EA	12' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	55,215.24	1,085.27
08 33 23 13-0872	EA	12' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	56,788.47	1,104.63
08 33 23 13-0873		13' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®) *(08 33 23 13-0832)*		
08 33 23 13-0874	EA	13' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	49,614.08	1,007.83
08 33 23 13-0875	EA	13' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	50,613.79	1,027.19
08 33 23 13-0876	EA	13' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	51,613.51	1,046.55
08 33 23 13-0877	EA	13' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	53,147.98	1,065.91
08 33 23 13-0878	EA	13' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	54,682.43	1,085.27
08 33 23 13-0879	EA	13' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	56,216.91	1,104.63
08 33 23 13-0880	EA	13' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	57,797.87	1,123.99
08 33 23 13-0881		14' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®) *(08 33 23 13-0832)*		
08 33 23 13-0882	EA	14' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	50,613.79	1,027.19
08 33 23 13-0883	EA	14' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	51,613.51	1,046.55

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0884	EA	14' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	52,613.23	1,065.91
08 33 23 13-0885	EA	14' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	54,147.68	1,085.27
08 33 23 13-0886	EA	14' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	55,682.16	1,104.63
08 33 23 13-0887	EA	14' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	57,216.62	1,123.99
08 33 23 13-0888	EA	14' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	58,797.59	1,143.35

08 33 23 13-0889 Rytec® Spiral® Door Options *(08 33 23 13-0560)*

08 33 23 13-0890	EA	Insulated Slats For Rytec® Spiral® High-Speed Rolling Doors Note: Per door price.	583.04	
08 33 23 13-0891	EA	Up To 13' Wide Doors, Width Of Door, Ventilated Slats For Rytec® Spiral® High-Speed Rolling Doors Note: Maximum of 4 per door.	394.67	
08 33 23 13-0892	EA	>13' Wide Doors, Width Of Door, Ventilated Slats For Rytec® Spiral® High-Speed Rolling Doors Note: Maximum of 4 per door.	583.04	
08 33 23 13-0893	EA	Up To 13' Wide Doors, 6" High x Width Of Door, Window Slats For Rytec® Spiral® High-Speed Rolling Doors Note: Maximum of 4 per door.	394.67	
08 33 23 13-0894	EA	>13' Wide Doors, 6" High x Width Of Door, Window Slats For Rytec® Spiral® High-Speed Rolling Doors Note: Maximum of 4 per door.	583.04	
08 33 23 13-0895	EA	Right Hand Motor Mount For Rytec® Spiral® High-Speed Rolling Doors	1,082.63	56.94
08 33 23 13-0896	EA	Up To 13' Wide Doors, Full Hood For Rytec® Spiral® High-Speed Rolling Doors	3,134.00	113.88
08 33 23 13-0897	EA	>13' To 16' Wide Doors, Full Hood For Rytec® Spiral® High-Speed Rolling Doors	5,654.54	113.88
08 33 23 13-0898	EA	>16' Wide Doors, Full Hood For Rytec® Spiral® High-Speed Rolling Doors	6,434.92	113.88
08 33 23 13-0899	EA	Through Wall Brake Release For Rytec® Spiral® High-Speed Rolling Doors	678.12	

08 33 23 13-0900 Activation And Control Box Options For High Speed Doors *(08 33 23 13)*

08 33 23 13-0901	EA	Pull Cord For High-Speed Rolling Doors	257.40	56.94
08 33 23 13-0902	EA	Emergency Stop, Pushbutton Control For High-Speed Rolling Doors	200.46	28.47
08 33 23 13-0903	EA	NEMA 4 Mushroom Remote Pushbutton Control For High-Speed Rolling Doors	254.28	28.47
08 33 23 13-0904	EA	On/Off Selector Switch, Remote Control For High-Speed Rolling Doors	173.55	28.47
08 33 23 13-0905	EA	On/Off Key Switch, Remote Control For High-Speed Rolling Doors	272.22	28.47
08 33 23 13-0906	EA	Keyed Remote Single Pushbutton Control For High-Speed Rolling Doors	451.61	28.47
08 33 23 13-0907	EA	Open/Close/Stop, Remote Pushbutton Control For High-Speed Rolling Doors	496.46	28.47
08 33 23 13-0908	EA	Radio Control For High-Speed Rolling Doors Note: Includes one receiver and two transmitters.	753.86	51.25
08 33 23 13-0909	EA	Floor Loop For High-Speed Rolling Doors Note: Excludes sealant.	981.62	
08 33 23 13-0910	EA	Reflective Type Photo Eye For High-Speed Rolling Doors	645.70	51.25
08 33 23 13-0911	EA	Thru-Beam Type Photo Eye For High-Speed Rolling Doors	852.53	51.25
08 33 23 13-0912	EA	Motion Detector For High-Speed Rolling Doors	750.04	34.16
08 33 23 13-0913	EA	Remote Warning Horn For High-Speed Rolling Doors Note: Includes wall box and mounting hardware.	508.55	56.94
08 33 23 13-0914	EA	Remote Strobe Light For High-Speed Rolling Doors Note: Includes wall box and mounting hardware.	696.92	56.94
08 33 23 13-0915	EA	Remote Warning Horn And Strobe Light For High-Speed Rolling Doors Note: Includes wall box and mounting hardware.	795.59	56.94
08 33 23 13-0916	EA	Red And Green Red Light For High-Speed Rolling Doors Note: Includes mounting hardware.	992.93	56.94

08 33 26 Overhead Coiling Grilles *(08 33)*

Note: Includes curtains, guides, counterbalance mechanisms, hardware, operators, frame, supports and/or trim as required.
Excludes lifting equipment (forklift or scissor lift) where required. See CSI section 01 22 23 00-0885 for forklift.

08 33 26 00-0001 Galvanized Steel Overhead Coiling Grilles (Width x Height) *(08 33 26)*

08 33 26 00-0002	EA	4' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift	2,040.56	247.86
		For Lexan Lattice Pattern, Add	*199.94*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*206.75*	
		For Staggered Brick Pattern, Add	*279.86*	
08 33 26 00-0003	EA	6' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift	2,278.40	247.86
		For Lexan Lattice Pattern, Add	*235.62*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*310.12*	
		For Staggered Brick Pattern, Add	*379.02*	
08 33 26 00-0004	EA	8' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift	2,754.60	309.83
		For Lexan Lattice Pattern, Add	*280.28*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*413.49*	
		For Staggered Brick Pattern, Add	*478.17*	
08 33 26 00-0005	EA	12' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift	3,097.60	309.83
		For Lexan Lattice Pattern, Add	*331.73*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*436.11*	
		For Staggered Brick Pattern, Add	*676.48*	
08 33 26 00-0006	EA	16' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift	4,336.14	495.73
		For Lexan Lattice Pattern, Add	*437.63*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*826.98*	
		For Staggered Brick Pattern, Add	*954.00*	
08 33 26 00-0007	EA	20' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift	5,390.45	619.66
		For Lexan Lattice Pattern, Add	*543.53*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,033.73*	
		For Staggered Brick Pattern, Add	*1,231.50*	
08 33 26 00-0008	EA	24' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift	6,757.02	743.58
		For Lexan Lattice Pattern, Add	*695.13*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,240.47*	
		For Staggered Brick Pattern, Add	*1,385.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 26 00-0009	EA	30' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift	8,238.15	908.83
		For Lexan Lattice Pattern, Add	*847.47*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,436.75*	
		For Staggered Brick Pattern, Add	*1,510.83*	
08 33 26 00-0010	EA	4' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift	2,212.95	247.86
		For Lexan Lattice Pattern, Add	*225.80*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*258.43*	
		For Staggered Brick Pattern, Add	*332.48*	
08 33 26 00-0011	EA	6' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift	2,528.16	247.86
		For Lexan Lattice Pattern, Add	*273.08*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*387.63*	
		For Staggered Brick Pattern, Add	*472.14*	
08 33 26 00-0012	EA	8' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift	3,030.54	309.83
		For Lexan Lattice Pattern, Add	*322.06*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*516.87*	
		For Staggered Brick Pattern, Add	*611.80*	
08 33 26 00-0013	EA	12' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift	3,460.11	309.83
		For Lexan Lattice Pattern, Add	*386.50*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*775.30*	
		For Staggered Brick Pattern, Add	*891.12*	
08 33 26 00-0014	EA	16' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift	4,813.57	495.73
		For Lexan Lattice Pattern, Add	*509.24*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,033.73*	
		For Staggered Brick Pattern, Add	*1,228.74*	
08 33 26 00-0015	EA	20' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift	5,980.14	619.66
		For Lexan Lattice Pattern, Add	*631.98*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,292.15*	
		For Staggered Brick Pattern, Add	*1,566.34*	
08 33 26 00-0016	EA	24' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift	7,469.49	743.58
		For Lexan Lattice Pattern, Add	*802.00*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,550.78*	
		For Staggered Brick Pattern, Add	*1,813.94*	
08 33 26 00-0017	EA	30' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift	9,338.28	908.83
		For Lexan Lattice Pattern, Add	*1,012.49*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,815.74*	
		For Staggered Brick Pattern, Add	*2,032.03*	
08 33 26 00-0018	EA	4' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift	2,410.36	247.86
		For Lexan Lattice Pattern, Add	*255.41*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*310.12*	
		For Staggered Brick Pattern, Add	*384.34*	
08 33 26 00-0019	EA	6' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift	2,467.51	247.86
		For Lexan Lattice Pattern, Add	*263.99*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*465.17*	
		For Staggered Brick Pattern, Add	*563.70*	
08 33 26 00-0020	EA	8' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift	3,014.10	309.83
		For Lexan Lattice Pattern, Add	*319.20*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*620.22*	
		For Staggered Brick Pattern, Add	*743.07*	
08 33 26 00-0021	EA	12' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift	3,873.08	309.83
		For Lexan Lattice Pattern, Add	*448.05*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*930.32*	
		For Staggered Brick Pattern, Add	*1,101.81*	
08 33 26 00-0022	EA	16' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift	5,488.46	495.73
		For Lexan Lattice Pattern, Add	*610.48*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,240.46*	
		For Staggered Brick Pattern, Add	*1,531.84*	
08 33 26 00-0023	EA	20' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift	6,919.61	619.66
		For Lexan Lattice Pattern, Add	*772.91*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,550.58*	
		For Staggered Brick Pattern, Add	*1,961.85*	
08 33 26 00-0024	EA	24' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift	8,382.49	743.58
		For Lexan Lattice Pattern, Add	*938.95*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,860.71*	
		For Staggered Brick Pattern, Add	*2,074.39*	
08 33 26 00-0025	EA	30' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift	10,425.22	908.83
		For Lexan Lattice Pattern, Add	*1,175.53*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*2,156.28*	
		For Staggered Brick Pattern, Add	*2,260.07*	
08 33 26 00-0026	EA	4' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift	2,763.45	247.86
		For Lexan Lattice Pattern, Add	*308.38*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*361.67*	
		For Staggered Brick Pattern, Add	*710.87*	
08 33 26 00-0027	EA	6' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift	3,148.95	247.86
		For Lexan Lattice Pattern, Add	*366.20*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*542.61*	
		For Staggered Brick Pattern, Add	*872.86*	
08 33 26 00-0028	EA	8' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift	3,714.54	309.83
		For Lexan Lattice Pattern, Add	*424.66*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*723.54*	
		For Staggered Brick Pattern, Add	*1,016.38*	
08 33 26 00-0029	EA	12' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift	4,524.35	309.83
		For Lexan Lattice Pattern, Add	*546.13*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,085.41*	
		For Staggered Brick Pattern, Add	*1,288.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 26 00-0030	EA	16' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift	6,161.83	495.73
		For Lexan Lattice Pattern, Add	*711.48*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,447.22*	
		For Staggered Brick Pattern, Add	*1,724.23*	
08 33 26 00-0031	EA	20' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift	7,612.45	619.66
		For Lexan Lattice Pattern, Add	*876.83*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,809.01*	
		For Staggered Brick Pattern, Add	*2,159.62*	
08 33 26 00-0032	EA	24' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift	9,101.83	743.58
		For Lexan Lattice Pattern, Add	*1,046.85*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*2,170.82*	
		For Staggered Brick Pattern, Add	*2,449.26*	
08 33 26 00-0033	EA	30' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift	11,597.12	908.83
		For Lexan Lattice Pattern, Add	*1,351.31*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*2,562.68*	
		For Staggered Brick Pattern, Add	*2,798.39*	

08 33 26 00-0034 Coiling Grilles Accessories *(08 33 26)*

08 33 26 00-0035	LF	For Overhead Framed Rolling Grille Supports	109.47	

08 33 36 Side Coiling Grilles *(08 33)*

08 33 36 00-0001 Galvanized Steel Side Coiling Grilles (Width x Height) *(08 33 36)*

08 33 36 00-0002	EA	12' x 8', Galvanized Steel Side Coiling Grilles, Manually Operated	3,568.04	693.07
		For Lexan Lattice Pattern, Add	*238.15*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*620.24*	
		For Staggered Brick Pattern, Add	*676.48*	
08 33 36 00-0003	EA	18' x 8', Galvanized Steel Side Coiling Grilles, Manually Operated	4,874.87	890.29
		For Lexan Lattice Pattern, Add	*349.67*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*951.38*	
		For Staggered Brick Pattern, Add	*1,083.50*	
08 33 36 00-0004	EA	24' x 8', Galvanized Steel Side Coiling Grilles, Manually Operated	6,269.10	1,122.57
		For Lexan Lattice Pattern, Add	*459.27*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,240.47*	
		For Staggered Brick Pattern, Add	*1,385.28*	
08 33 36 00-0005	EA	30' x 8', Galvanized Steel Side Coiling Grilles, Manually Operated	7,369.53	1,239.31
		For Lexan Lattice Pattern, Add	*574.08*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,436.75*	
		For Staggered Brick Pattern, Add	*1,510.83*	
08 33 36 00-0006	EA	12' x 10', Galvanized Steel Side Coiling Grilles, Manually Operated	4,240.84	790.21
		For Lexan Lattice Pattern, Add	*297.48*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*775.30*	
		For Staggered Brick Pattern, Add	*891.12*	
08 33 36 00-0007	EA	18' x 10', Galvanized Steel Side Coiling Grilles, Manually Operated	5,817.06	1,014.93
		For Lexan Lattice Pattern, Add	*437.35*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,141.81*	
		For Staggered Brick Pattern, Add	*1,353.15*	
08 33 36 00-0008	EA	24' x 10', Galvanized Steel Side Coiling Grilles, Manually Operated	7,414.07	1,279.32
		For Lexan Lattice Pattern, Add	*563.65*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,550.78*	
		For Staggered Brick Pattern, Add	*1,813.94*	
08 33 36 00-0009	EA	30' x 10', Galvanized Steel Side Coiling Grilles, Manually Operated	8,835.86	1,412.81
		For Lexan Lattice Pattern, Add	*717.40*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,815.74*	
		For Staggered Brick Pattern, Add	*2,032.03*	
08 33 36 00-0010	EA	12' x 12', Galvanized Steel Side Coiling Grilles, Manually Operated	4,924.28	890.29
		For Lexan Lattice Pattern, Add	*357.08*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*930.32*	
		For Staggered Brick Pattern, Add	*1,101.81*	
08 33 36 00-0011	EA	18' x 12', Galvanized Steel Side Coiling Grilles, Manually Operated	6,771.82	1,143.47
		For Lexan Lattice Pattern, Add	*523.98*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,373.63*	
		For Staggered Brick Pattern, Add	*1,679.97*	
08 33 36 00-0012	EA	24' x 12', Galvanized Steel Side Coiling Grilles, Manually Operated	8,690.93	1,441.73
		For Lexan Lattice Pattern, Add	*688.90*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,860.71*	
		For Staggered Brick Pattern, Add	*2,074.39*	
08 33 36 00-0013	EA	30' x 12', Galvanized Steel Side Coiling Grilles, Manually Operated	10,287.43	1,590.45
		For Lexan Lattice Pattern, Add	*861.13*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*2,156.28*	
		For Staggered Brick Pattern, Add	*2,260.07*	
08 33 36 00-0014	EA	12' x 14', Galvanized Steel Side Coiling Grilles, Manually Operated	5,593.67	984.36
		For Lexan Lattice Pattern, Add	*417.52*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,085.41*	
		For Staggered Brick Pattern, Add	*1,288.84*	
08 33 36 00-0015	EA	18' x 14', Galvanized Steel Side Coiling Grilles, Manually Operated	7,720.63	1,264.10
		For Lexan Lattice Pattern, Add	*611.66*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,569.90*	
		For Staggered Brick Pattern, Add	*1,866.57*	
08 33 36 00-0016	EA	24' x 14', Galvanized Steel Side Coiling Grilles, Manually Operated	9,897.72	1,593.75
		For Lexan Lattice Pattern, Add	*803.72*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*2,170.82*	
		For Staggered Brick Pattern, Add	*2,449.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 36 00-0017	EA	30' x 14', Galvanized Steel Side Coiling Grilles, Manually Operated	11,720.98	1,759.82
		For Lexan Lattice Pattern, Add	*1,004.13*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*2,562.68*	
		For Staggered Brick Pattern, Add	*2,798.39*	

08 33 43 Overhead Coiling Smoke Curtains *(08 33)*

08 33 43 00-0001 Elevator Smoke Guard *(08 33 43)*

08 33 43 00-0002	EA	Elevator Smoke Guard, 55" Width Housing (Smoke Guard 400)	15,679.49	693.07
08 33 43 00-0003	EA	Elevator Smoke Guard, 64" Width Housing (Smoke Guard 400)	16,259.41	693.07
08 33 43 00-0004	EA	Elevator Smoke Guard, 73" Width Housing (Smoke Guard 400)	16,839.34	693.07

08 34 Special Function Doors *(08 30)*

08 34 53 Security Doors and Frames *(08 34)*

08 34 53 00-0001 Metal Security Doors, Bullet Resistant *(08 34 53)*

Note: Includes door, frame, hardware hinges, lockset and cylinder, all UL 753 Listed.

08 34 53 00-0002	SF	Metal Security Door	81.45	9.68
08 34 53 00-0003	EA	Up To 3' x 7' (.38 caliber) Medium-Small Arms Metal Security Door	3,334.86	483.33
08 34 53 00-0004	EA	Up To 3' x 7' (.44 caliber) Super-Small Arms Metal Security Door	3,953.41	513.07

08 34 53 00-0005 Metal Security Doors *(08 34 53)*

Note: Includes standard pitcher handle latch, pneumatic closure, hinges and baked enamel finish.

08 34 53 00-0006	EA	Up To 3' x 7' Steel Narrowline Security Door (Kane Screens S-501-28-O) Note: Top and bottom section are #12 mesh 0.028" stainless steel wire cloth with a bottom kick plate.	1,135.55	88.52
08 34 53 00-0007	EA	Up To 3' x 7' Steel Narrowline Security Door (Kane Screens S-503-28-O) Note: Top section is #12 mesh 0.028" stainless steel wire cloth and bottom section is a double kick panel.	1,135.55	88.52
08 34 53 00-0008	EA	Up To 3' x 7' Steel Narrowline Security Door (Kane Screens S-504-28-O) Note: Top section includes 1/8" tempered sash unit and #12 mesh 0.028" stainless steel wire cloth. Bottom section is a double kick panel.	1,614.82	88.52

08 34 73 Sound Control Door Assemblies *(08 34)*

08 34 73 13 Metal Sound Control Door Assemblies *(08 34 73)*

08 34 73 13-0001 Steel Acoustical Door Assembly *(08 34 73 13)*

Note: Includes seal.

08 34 73 13-0002 Steel Acoustical Doors *(08 34 73 13-0001)*

Note: Includes hardware: cam lift hinges and seals. Excludes frame, hardware: locksets, closer, electromagnetic release, etc. See CSI section 08 71 11 00-2132 for exit devices (panic bar).

08 34 73 13-0003	EA	3' x 7', 16 Gauge, STC 50, Steel Acoustical Door (Unrated) Note: Excludes steel acoustical doorframe See CSI section 08 34 73 13-0013 for steel acoustical door frames.	4,354.90	204.98
		For Accent Window Vision Lite, Add	*1,569.74*	
		For Half Window Vision Lite, Add	*1,624.77*	
		For Full Window Vision Lite, Add	*1,679.79*	
		For 8' Height, Add	*532.94*	
		For 45 Minutes Fire Rated, Add	*224.40*	
		For 60 Minutes Fire Rated, Add	*336.60*	
		For 90 Minutes Fire Rated, Add	*560.99*	
		For 120 Minutes Fire Rated, Add	*785.39*	
		For 45 STC Rating, Deduct	*-938.73*	
		For 48 STC Rating, Deduct	*-673.19*	
		For 52 STC Rating, Add	*523.59*	
		For 55 STC Rating, Add	*1,421.18*	
08 34 73 13-0004	EA	3'-6" x 7', 16 Gauge, STC 50, Steel Acoustical Door (Unrated) Note: Excludes steel acoustical doorframe See CSI section 08 34 73 13-0013 for steel acoustical door frames.	4,606.43	213.52
		For Accent Window Vision Lite, Add	*1,569.74*	
		For Half Window Vision Lite, Add	*1,624.77*	
		For Full Window Vision Lite, Add	*1,679.79*	
		For 8' Height, Add	*565.14*	
		For 45 Minutes Fire Rated, Add	*237.95*	
		For 60 Minutes Fire Rated, Add	*356.93*	
		For 90 Minutes Fire Rated, Add	*594.88*	
		For 120 Minutes Fire Rated, Add	*832.83*	
		For 45 STC Rating, Deduct	*-995.43*	
		For 48 STC Rating, Deduct	*-713.85*	
		For 52 STC Rating, Add	*555.22*	
		For 55 STC Rating, Add	*1,507.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 73 13-0005	EA	4' x 7', 16 Gauge, STC 50, Steel Acoustical Door (Unrated)	4,883.58	230.61
		Note: Excludes steel acoustical doorframe See CSI section 08 34 73 13-0013 for steel acoustical door frames.		
		For Accent Window Vision Lite, Add	*1,569.74*	
		For Half Window Vision Lite, Add	*1,624.77*	
		For Full Window Vision Lite, Add	*1,679.79*	
		For 8' Height, Add	*597.33*	
		For 45 Minutes Fire Rated, Add	*251.51*	
		For 60 Minutes Fire Rated, Add	*377.26*	
		For 90 Minutes Fire Rated, Add	*628.76*	
		For 120 Minutes Fire Rated, Add	*880.27*	
		For 45 STC Rating, Deduct	*-1,052.13*	
		For 48 STC Rating, Deduct	*-754.52*	
		For 52 STC Rating, Add	*586.85*	
		For 55 STC Rating, Add	*1,592.87*	
08 34 73 13-0006	PR	Pair 3' x 7', 16 Gauge, STC 50, Steel Acoustical Doors (Unrated)	8,648.31	389.47
		Note: Excludes steel acoustical doorframe See CSI section 08 34 73 13-0013 for steel acoustical door frames.		
		For Pair Accent Window Vision Lites, Add	*3,139.48*	
		For Pair Half Window Vision Lites, Add	*3,249.53*	
		For Pair Full Window Vision Lites, Add	*3,359.59*	
		For 8' Height, Add	*1,065.89*	
		For 45 Minutes Fire Rated, Add	*448.79*	
		For 60 Minutes Fire Rated, Add	*673.19*	
		For 90 Minutes Fire Rated, Add	*1,121.99*	
		For 120 Minutes Fire Rated, Add	*1,570.78*	
		For 45 STC Rating, Deduct	*-1,877.46*	
		For 48 STC Rating, Deduct	*-1,346.38*	
		For 52 STC Rating, Add	*1,047.19*	
		For 55 STC Rating, Add	*2,842.37*	
08 34 73 13-0007	PR	Pair 3'-6" x 7', 16 Gauge, STC 50, Steel Acoustical Door (Unrated)	9,110.36	392.88
		Note: Excludes steel acoustical doorframe See CSI section 08 34 73 13-0013 for steel acoustical door frames.		
		For Pair Accent Window Vision Lites, Add	*3,139.48*	
		For Pair Half Window Vision Lites, Add	*3,249.53*	
		For Pair Full Window Vision Lites, Add	*3,359.59*	
		For 8' Height, Add	*1,130.27*	
		For 45 Minutes Fire Rated, Add	*475.90*	
		For 60 Minutes Fire Rated, Add	*713.85*	
		For 90 Minutes Fire Rated, Add	*1,189.76*	
		For 120 Minutes Fire Rated, Add	*1,665.66*	
		For 45 STC Rating, Deduct	*-1,990.86*	
		For 48 STC Rating, Deduct	*-1,427.71*	
		For 52 STC Rating, Add	*1,110.44*	
		For 55 STC Rating, Add	*3,014.05*	
08 34 73 13-0008	EA	3' x 7', 14 Gauge, STC 50, Steel Acoustical Door (Unrated)	4,890.55	128.68
		Note: Excludes steel acoustical doorframe See CSI section 08 34 73 13-0013 for steel acoustical door frames.		
		For Accent Window Vision Lite, Add	*1,569.74*	
		For Half Window Vision Lite, Add	*1,624.77*	
		For Full Window Vision Lite, Add	*1,679.79*	
		For 8' Height, Add	*604.89*	
		For 45 Minutes Fire Rated, Add	*254.69*	
		For 60 Minutes Fire Rated, Add	*382.04*	
		For 90 Minutes Fire Rated, Add	*636.73*	
		For 120 Minutes Fire Rated, Add	*891.42*	
		For 45 STC Rating, Deduct	*-1,065.46*	
		For 48 STC Rating, Deduct	*-764.07*	
		For 52 STC Rating, Add	*594.28*	
		For 55 STC Rating, Add	*1,613.04*	
08 34 73 13-0009	EA	3'-6" x 7', 14 Gauge, STC 50, Steel Acoustical Door (Unrated)	5,173.14	224.34
		Note: Excludes steel acoustical doorframe See CSI section 08 34 73 13-0013 for steel acoustical door frames.		
		For Accent Window Vision Lite, Add	*1,569.74*	
		For Half Window Vision Lite, Add	*1,624.77*	
		For Full Window Vision Lite, Add	*1,679.79*	
		For 8' Height, Add	*641.43*	
		For 45 Minutes Fire Rated, Add	*270.08*	
		For 60 Minutes Fire Rated, Add	*405.11*	
		For 90 Minutes Fire Rated, Add	*675.19*	
		For 120 Minutes Fire Rated, Add	*945.26*	
		For 45 STC Rating, Deduct	*-1,129.81*	
		For 48 STC Rating, Deduct	*-810.23*	
		For 52 STC Rating, Add	*630.18*	
		For 55 STC Rating, Add	*1,710.48*	
08 34 73 13-0010	EA	4' x 7', 14 Gauge, STC 50, Steel Acoustical Door (Unrated)	5,484.20	242.57
		Note: Excludes steel acoustical doorframe See CSI section 08 34 73 13-0013 for steel acoustical door frames.		
		For Accent Window Vision Lite, Add	*1,569.74*	
		For Half Window Vision Lite, Add	*1,624.77*	
		For Full Window Vision Lite, Add	*1,679.79*	
		For 8' Height, Add	*677.97*	
		For 45 Minutes Fire Rated, Add	*285.46*	
		For 60 Minutes Fire Rated, Add	*428.19*	
		For 90 Minutes Fire Rated, Add	*713.65*	
		For 120 Minutes Fire Rated, Add	*999.11*	
		For 45 STC Rating, Deduct	*-1,194.17*	
		For 48 STC Rating, Deduct	*-856.38*	
		For 52 STC Rating, Add	*666.07*	
		For 55 STC Rating, Add	*1,807.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 73 13-0011	PR	Pair 3' x 7', 14 Gauge, STC 50, Steel Acoustical Doors (Unrated)	9,211.28	408.83
		Note: Excludes steel acoustical doorframe See CSI section 08 34 73 13-0013 for steel acoustical door frames.		
		For Pair Accent Window Vision Lites, Add	*3,139.48*	
		For Pair Half Window Vision Lites, Add	*3,249.53*	
		For Pair Full Window Vision Lites, Add	*3,359.59*	
		For 8' Height, Add	*1,137.83*	
		For 45 Minutes Fire Rated, Add	*479.09*	
		For 60 Minutes Fire Rated, Add	*718.63*	
		For 90 Minutes Fire Rated, Add	*1,197.72*	
		For 120 Minutes Fire Rated, Add	*1,676.81*	
		For 45 STC Rating, Deduct	*-2,004.18*	
		For 48 STC Rating, Deduct	*-1,437.26*	
		For 52 STC Rating, Add	*1,117.87*	
		For 55 STC Rating, Add	*3,034.22*	
08 34 73 13-0012	PR	Pair 3'-6" x 7', 14 Gauge, STC 50, Steel Acoustical Door (Unrated)	9,704.97	412.24
		Note: Excludes steel acoustical doorframe See CSI section 08 34 73 13-0013 for steel acoustical door frames.		
		For Pair Accent Window Vision Lites, Add	*3,139.48*	
		For Pair Half Window Vision Lites, Add	*3,249.53*	
		For Pair Full Window Vision Lites, Add	*3,359.59*	
		For 8' Height, Add	*1,206.56*	
		For 45 Minutes Fire Rated, Add	*508.03*	
		For 60 Minutes Fire Rated, Add	*762.04*	
		For 90 Minutes Fire Rated, Add	*1,270.07*	
		For 120 Minutes Fire Rated, Add	*1,778.09*	
		For 45 STC Rating, Deduct	*-2,125.24*	
		For 48 STC Rating, Deduct	*-1,524.08*	
		For 52 STC Rating, Add	*1,185.39*	
		For 55 STC Rating, Add	*3,217.50*	

08 34 73 13-0013 Steel Acoustical Door Frames *(08 34 73 13-0001)*

Note: Includes threshold and rating up to STC 55.

08 34 73 13-0014	EA	3' x 7', 4-1/2" To 6-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame	3,093.37	113.88
		For 8' Height, Add	*303.35*	
		For 45 Minutes Fire Rated, Add	*184.65*	
		For 60 Minutes Fire Rated, Add	*316.54*	
		For 90 Minutes Fire Rated, Add	*448.43*	
		For 120 Minutes Fire Rated, Add	*633.08*	
08 34 73 13-0015	EA	3' x 7', 6-1/2" To 8-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame	3,168.10	113.88
		For 8' Height, Add	*311.95*	
		For 45 Minutes Fire Rated, Add	*189.88*	
		For 60 Minutes Fire Rated, Add	*325.51*	
		For 90 Minutes Fire Rated, Add	*461.14*	
		For 120 Minutes Fire Rated, Add	*651.02*	
08 34 73 13-0016	EA	3' x 7', 8-1/2" To 10-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame	3,242.82	113.88
		For 8' Height, Add	*320.54*	
		For 45 Minutes Fire Rated, Add	*195.11*	
		For 60 Minutes Fire Rated, Add	*334.48*	
		For 90 Minutes Fire Rated, Add	*473.84*	
		For 120 Minutes Fire Rated, Add	*668.95*	
08 34 73 13-0017	EA	3' x 7', 10-1/2" To 12-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame	3,317.54	113.88
		For 8' Height, Add	*329.13*	
		For 45 Minutes Fire Rated, Add	*200.34*	
		For 60 Minutes Fire Rated, Add	*343.44*	
		For 90 Minutes Fire Rated, Add	*486.54*	
		For 120 Minutes Fire Rated, Add	*686.88*	
08 34 73 13-0018	EA	3'-6" x 7', 4-1/2" To 6-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame	3,528.17	125.27
		For 8' Height, Add	*348.12*	
		For 45 Minutes Fire Rated, Add	*211.90*	
		For 60 Minutes Fire Rated, Add	*363.25*	
		For 90 Minutes Fire Rated, Add	*514.61*	
		For 120 Minutes Fire Rated, Add	*726.50*	
08 34 73 13-0019	EA	3'-6" x 7', 6-1/2" To 8-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame	3,611.58	125.27
		For 8' Height, Add	*357.71*	
		For 45 Minutes Fire Rated, Add	*217.74*	
		For 60 Minutes Fire Rated, Add	*373.26*	
		For 90 Minutes Fire Rated, Add	*528.79*	
		For 120 Minutes Fire Rated, Add	*746.52*	
08 34 73 13-0020	EA	3'-6" x 7', 8-1/2" To 10-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame	3,686.31	125.27
		For 8' Height, Add	*366.30*	
		For 45 Minutes Fire Rated, Add	*222.97*	
		For 60 Minutes Fire Rated, Add	*382.23*	
		For 90 Minutes Fire Rated, Add	*541.49*	
		For 120 Minutes Fire Rated, Add	*764.46*	
08 34 73 13-0021	EA	3'-6" x 7', 10-1/2" To 12-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame	3,778.98	125.27
		For 8' Height, Add	*376.96*	
		For 45 Minutes Fire Rated, Add	*229.45*	
		For 60 Minutes Fire Rated, Add	*393.35*	
		For 90 Minutes Fire Rated, Add	*557.24*	
		For 120 Minutes Fire Rated, Add	*786.70*	
08 34 73 13-0022	EA	4' x 7', 4-1/2" To 6-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame	3,959.32	130.96
		For 8' Height, Add	*395.08*	
		For 45 Minutes Fire Rated, Add	*240.48*	
		For 60 Minutes Fire Rated, Add	*412.26*	
		For 90 Minutes Fire Rated, Add	*584.03*	
		For 120 Minutes Fire Rated, Add	*824.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 73 13-0023	EA	4' x 7', 6-1/2" To 8-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame	4,034.04	130.96
		For 8' Height, Add	*403.67*	
		For 45 Minutes Fire Rated, Add	*245.71*	
		For 60 Minutes Fire Rated, Add	*421.22*	
		For 90 Minutes Fire Rated, Add	*596.73*	
		For 120 Minutes Fire Rated, Add	*842.45*	
08 34 73 13-0024	EA	4' x 7', 8-1/2" To 10-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame	4,108.76	130.96
		For 8' Height, Add	*412.26*	
		For 45 Minutes Fire Rated, Add	*250.94*	
		For 60 Minutes Fire Rated, Add	*430.19*	
		For 90 Minutes Fire Rated, Add	*609.43*	
		For 120 Minutes Fire Rated, Add	*860.38*	
08 34 73 13-0025	EA	4' x 7', 10-1/2" To 12-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame	4,192.17	130.96
		For 8' Height, Add	*421.86*	
		For 45 Minutes Fire Rated, Add	*256.78*	
		For 60 Minutes Fire Rated, Add	*440.20*	
		For 90 Minutes Fire Rated, Add	*623.61*	
		For 120 Minutes Fire Rated, Add	*880.40*	
08 34 73 13-0026	EA	6' x 7', 4-1/2" To 6-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	6,844.48	148.04
		For 8' Height, Add	*719.02*	
		For 45 Minutes Fire Rated, Add	*437.66*	
		For 60 Minutes Fire Rated, Add	*750.28*	
		For 90 Minutes Fire Rated, Add	*1,062.89*	
		For 120 Minutes Fire Rated, Add	*1,500.55*	
08 34 73 13-0027	EA	6' x 7', 6-1/2" To 8-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	6,915.72	148.04
		For 8' Height, Add	*727.21*	
		For 45 Minutes Fire Rated, Add	*442.65*	
		For 60 Minutes Fire Rated, Add	*758.83*	
		For 90 Minutes Fire Rated, Add	*1,075.00*	
		For 120 Minutes Fire Rated, Add	*1,517.65*	
08 34 73 13-0028	EA	6' x 7', 8-1/2" To 10-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	6,992.18	148.04
		For 8' Height, Add	*736.00*	
		For 45 Minutes Fire Rated, Add	*448.00*	
		For 60 Minutes Fire Rated, Add	*768.00*	
		For 90 Minutes Fire Rated, Add	*1,088.00*	
		For 120 Minutes Fire Rated, Add	*1,536.00*	
08 34 73 13-0029	EA	6' x 7', 10-1/2" To 12-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	7,070.38	148.04
		For 8' Height, Add	*744.99*	
		For 45 Minutes Fire Rated, Add	*453.47*	
		For 60 Minutes Fire Rated, Add	*777.39*	
		For 90 Minutes Fire Rated, Add	*1,101.30*	
		For 120 Minutes Fire Rated, Add	*1,554.77*	
08 34 73 13-0030	EA	7' x 7', 4-1/2" To 6-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	7,336.18	153.74
		For 8' Height, Add	*772.94*	
		For 45 Minutes Fire Rated, Add	*470.49*	
		For 60 Minutes Fire Rated, Add	*806.55*	
		For 90 Minutes Fire Rated, Add	*1,142.61*	
		For 120 Minutes Fire Rated, Add	*1,613.10*	
08 34 73 13-0031	EA	7' x 7', 6-1/2" To 8-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	7,412.77	153.74
		For 8' Height, Add	*781.75*	
		For 45 Minutes Fire Rated, Add	*475.85*	
		For 60 Minutes Fire Rated, Add	*815.74*	
		For 90 Minutes Fire Rated, Add	*1,155.63*	
		For 120 Minutes Fire Rated, Add	*1,631.48*	
08 34 73 13-0032	EA	7' x 7', 8-1/2" To 10-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	7,494.96	153.74
		For 8' Height, Add	*791.20*	
		For 45 Minutes Fire Rated, Add	*481.60*	
		For 60 Minutes Fire Rated, Add	*825.60*	
		For 90 Minutes Fire Rated, Add	*1,169.60*	
		For 120 Minutes Fire Rated, Add	*1,651.20*	
08 34 73 13-0033	EA	7' x 7', 10-1/2" To 12-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	7,579.03	153.74
		For 8' Height, Add	*800.87*	
		For 45 Minutes Fire Rated, Add	*487.49*	
		For 60 Minutes Fire Rated, Add	*835.69*	
		For 90 Minutes Fire Rated, Add	*1,183.89*	
		For 120 Minutes Fire Rated, Add	*1,671.38*	
08 34 73 13-0034	EA	3' x 7', 4-1/2" To 6-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	3,386.47	113.88
		For 8' Height, Add	*337.06*	
		For 45 Minutes Fire Rated, Add	*205.17*	
		For 60 Minutes Fire Rated, Add	*351.71*	
		For 90 Minutes Fire Rated, Add	*498.26*	
		For 120 Minutes Fire Rated, Add	*703.43*	
08 34 73 13-0035	EA	3' x 7', 6-1/2" To 8-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	3,469.49	113.88
		For 8' Height, Add	*346.61*	
		For 45 Minutes Fire Rated, Add	*210.98*	
		For 60 Minutes Fire Rated, Add	*361.68*	
		For 90 Minutes Fire Rated, Add	*512.37*	
		For 120 Minutes Fire Rated, Add	*723.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 73 13-0036	EA	3' x 7', 8-1/2" To 10-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	3,552.52	113.88
		For 8' Height, Add	*356.16*	
		For 45 Minutes Fire Rated, Add	*216.79*	
		For 60 Minutes Fire Rated, Add	*371.64*	
		For 90 Minutes Fire Rated, Add	*526.49*	
		For 120 Minutes Fire Rated, Add	*743.28*	
08 34 73 13-0037	EA	3' x 7', 10-1/2" To 12-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	3,635.54	113.88
		For 8' Height, Add	*365.70*	
		For 45 Minutes Fire Rated, Add	*222.60*	
		For 60 Minutes Fire Rated, Add	*381.60*	
		For 90 Minutes Fire Rated, Add	*540.60*	
		For 120 Minutes Fire Rated, Add	*763.20*	
08 34 73 13-0038	EA	3'-6" x 7', 4-1/2" To 6-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	3,864.52	125.27
		For 8' Height, Add	*386.80*	
		For 45 Minutes Fire Rated, Add	*235.44*	
		For 60 Minutes Fire Rated, Add	*403.61*	
		For 90 Minutes Fire Rated, Add	*571.79*	
		For 120 Minutes Fire Rated, Add	*807.23*	
08 34 73 13-0039	EA	3'-6" x 7', 6-1/2" To 8-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	3,957.20	125.27
		For 8' Height, Add	*397.45*	
		For 45 Minutes Fire Rated, Add	*241.93*	
		For 60 Minutes Fire Rated, Add	*414.74*	
		For 90 Minutes Fire Rated, Add	*587.54*	
		For 120 Minutes Fire Rated, Add	*829.47*	
08 34 73 13-0040	EA	3'-6" x 7', 8-1/2" To 10-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	4,040.22	125.27
		For 8' Height, Add	*407.00*	
		For 45 Minutes Fire Rated, Add	*247.74*	
		For 60 Minutes Fire Rated, Add	*424.70*	
		For 90 Minutes Fire Rated, Add	*601.66*	
		For 120 Minutes Fire Rated, Add	*849.40*	
08 34 73 13-0041	EA	3'-6" x 7', 10-1/2" To 12-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	4,143.20	125.27
		For 8' Height, Add	*418.84*	
		For 45 Minutes Fire Rated, Add	*254.95*	
		For 60 Minutes Fire Rated, Add	*437.06*	
		For 90 Minutes Fire Rated, Add	*619.16*	
		For 120 Minutes Fire Rated, Add	*874.11*	
08 34 73 13-0042	EA	4' x 7', 4-1/2" To 6-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	4,341.04	130.96
		For 8' Height, Add	*438.98*	
		For 45 Minutes Fire Rated, Add	*267.20*	
		For 60 Minutes Fire Rated, Add	*458.06*	
		For 90 Minutes Fire Rated, Add	*648.92*	
		For 120 Minutes Fire Rated, Add	*916.13*	
08 34 73 13-0043	EA	4' x 7', 6-1/2" To 8-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	4,424.06	130.96
		For 8' Height, Add	*448.52*	
		For 45 Minutes Fire Rated, Add	*273.01*	
		For 60 Minutes Fire Rated, Add	*468.03*	
		For 90 Minutes Fire Rated, Add	*663.04*	
		For 120 Minutes Fire Rated, Add	*936.05*	
08 34 73 13-0044	EA	4' x 7', 8-1/2" To 10-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	4,507.08	130.96
		For 8' Height, Add	*458.07*	
		For 45 Minutes Fire Rated, Add	*278.83*	
		For 60 Minutes Fire Rated, Add	*477.99*	
		For 90 Minutes Fire Rated, Add	*677.15*	
		For 120 Minutes Fire Rated, Add	*955.98*	
08 34 73 13-0045	EA	4' x 7', 10-1/2" To 12-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	4,599.76	130.96
		For 8' Height, Add	*468.73*	
		For 45 Minutes Fire Rated, Add	*285.31*	
		For 60 Minutes Fire Rated, Add	*489.11*	
		For 90 Minutes Fire Rated, Add	*692.90*	
		For 120 Minutes Fire Rated, Add	*978.22*	
08 34 73 13-0046	EA	6' x 7', 4-1/2" To 6-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	7,539.18	148.04
		For 8' Height, Add	*798.91*	
		For 45 Minutes Fire Rated, Add	*486.29*	
		For 60 Minutes Fire Rated, Add	*833.64*	
		For 90 Minutes Fire Rated, Add	*1,180.99*	
		For 120 Minutes Fire Rated, Add	*1,667.28*	
08 34 73 13-0047	EA	6' x 7', 6-1/2" To 8-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	7,618.34	148.04
		For 8' Height, Add	*808.01*	
		For 45 Minutes Fire Rated, Add	*491.83*	
		For 60 Minutes Fire Rated, Add	*843.14*	
		For 90 Minutes Fire Rated, Add	*1,194.45*	
		For 120 Minutes Fire Rated, Add	*1,686.28*	
08 34 73 13-0048	EA	6' x 7', 8-1/2" To 10-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	7,703.30	148.04
		For 8' Height, Add	*817.78*	
		For 45 Minutes Fire Rated, Add	*497.78*	
		For 60 Minutes Fire Rated, Add	*853.34*	
		For 90 Minutes Fire Rated, Add	*1,208.89*	
		For 120 Minutes Fire Rated, Add	*1,706.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 73 13-0049	EA	6' x 7', 10-1/2" To 12-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	7,790.18	148.04
		For 8' Height, Add	*827.77*	
		For 45 Minutes Fire Rated, Add	*503.86*	
		For 60 Minutes Fire Rated, Add	*863.76*	
		For 90 Minutes Fire Rated, Add	*1,223.66*	
		For 120 Minutes Fire Rated, Add	*1,727.52*	
08 34 73 13-0050	EA	7' x 7', 4-1/2" To 6-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	8,082.98	153.74
		For 8' Height, Add	*858.82*	
		For 45 Minutes Fire Rated, Add	*522.76*	
		For 60 Minutes Fire Rated, Add	*896.16*	
		For 90 Minutes Fire Rated, Add	*1,269.57*	
		For 120 Minutes Fire Rated, Add	*1,792.33*	
08 34 73 13-0051	EA	7' x 7', 6-1/2" To 8-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	8,168.08	153.74
		For 8' Height, Add	*868.61*	
		For 45 Minutes Fire Rated, Add	*528.72*	
		For 60 Minutes Fire Rated, Add	*906.38*	
		For 90 Minutes Fire Rated, Add	*1,284.03*	
		For 120 Minutes Fire Rated, Add	*1,812.75*	
08 34 73 13-0052	EA	7' x 7', 8-1/2" To 10-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	8,259.41	153.74
		For 8' Height, Add	*879.11*	
		For 45 Minutes Fire Rated, Add	*535.11*	
		For 60 Minutes Fire Rated, Add	*917.34*	
		For 90 Minutes Fire Rated, Add	*1,299.56*	
		For 120 Minutes Fire Rated, Add	*1,834.67*	
08 34 73 13-0053	EA	7' x 7', 10-1/2" To 12-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	8,352.81	153.74
		For 8' Height, Add	*889.85*	
		For 45 Minutes Fire Rated, Add	*541.65*	
		For 60 Minutes Fire Rated, Add	*928.54*	
		For 90 Minutes Fire Rated, Add	*1,315.44*	
		For 120 Minutes Fire Rated, Add	*1,857.09*	

08 34 73 16 Wood Sound Control Door Assemblies *(08 34 73)*

08 34 73 16-0001 Composite With Wood Veneer Cladding *(08 34 73 16)*

Note: Includes the door, frame, hinges, caulking and seals.

08 34 73 16-0002	EA	3' x 7' x 1-3/4" Thick, STC 27, Wood Acoustical Door System (Unrated)	2,579.13	318.86
		Note: Includes the prefinished door, frame, hinges and seals.		
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0003	EA	3' x 7' x 1-3/4" Thick, STC 29, Wood Acoustical Door System (Unrated)	2,779.97	318.86
		Note: Includes the prefinished door, frame, hinges and seals.		
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0004	EA	3' x 7' x 1-3/4" Thick, STC 30, Wood Acoustical Door System (Unrated)	2,891.55	318.86
		Note: Includes the prefinished door, frame, hinges and seals.		
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0005	EA	3' x 7' x 1-3/4" Thick, STC 31, Wood Acoustical Door System (Unrated)	3,003.12	318.86
		Note: Includes the prefinished door, frame, hinges and seals.		
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0006	EA	3' x 7' x 1-3/4" Thick, STC 36, Wood Acoustical Door System (Unrated)	3,494.05	318.86
		Note: Includes the prefinished door, frame, hinges and seals.		
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0007	EA	3' x 7' x 1-3/4" Thick, STC 40, Wood Acoustical Door System (Unrated)	4,565.17	318.86
		Note: Includes the prefinished door, frame, hinges and seals.		
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0008	EA	3' x 7' x 1-3/4" Thick, STC 42, Wood Acoustical Door System (Unrated)	4,772.70	318.86
		Note: Includes the prefinished door, frame, hinges and seals.		
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 73 16-0009	EA	3' x 7' x 1-3/4" Thick, STC 46, Wood Acoustical Door System (Unrated) Note: Includes the prefinished door, frame, hinges and seals.	5,602.82	318.86
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0010	EA	3' x 7' x 1-3/4" Thick, STC 49, Wood Acoustical Door System (Unrated) Note: Includes the prefinished door, frame, hinges and seals.	6,222.06	318.86
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0011	EA	3'-6" x 7' x 1-3/4" Thick, STC 27, Wood Acoustical Door System (Unrated)	2,642.59	204.98
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0012	EA	3'-6" x 7' x 1-3/4" Thick, STC 29, Wood Acoustical Door System (Unrated)	2,873.55	204.98
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0013	EA	3'-6" x 7' x 1-3/4" Thick, STC 30, Wood Acoustical Door System (Unrated)	3,001.86	204.98
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0014	EA	3'-6" x 7' x 1-3/4" Thick, STC 31, Wood Acoustical Door System (Unrated)	3,130.17	204.98
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0015	EA	3'-6" x 7' x 1-3/4" Thick, STC 36, Wood Acoustical Door System (Unrated)	3,694.74	204.98
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0016	EA	3'-6" x 7' x 1-3/4" Thick, STC 40, Wood Acoustical Door System (Unrated)	4,926.53	204.98
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0017	EA	3'-6" x 7' x 1-3/4" Thick, STC 42, Wood Acoustical Door System (Unrated)	5,165.18	204.98
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0018	EA	3'-6" x 7' x 1-3/4" Thick, STC 46, Wood Acoustical Door System (Unrated)	6,119.82	204.98
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0019	EA	3'-6" x 7' x 1-3/4" Thick, STC 49, Wood Acoustical Door System (Unrated)	6,831.95	204.98
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0020	EA	4' x 7' x 1-3/4" Thick, STC 27, Wood Acoustical Door System (Unrated)	2,836.73	204.98
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0021	EA	4' x 7' x 1-3/4" Thick, STC 29, Wood Acoustical Door System (Unrated)	3,087.77	204.98
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0022	EA	4' x 7' x 1-3/4" Thick, STC 30, Wood Acoustical Door System (Unrated)	3,227.24	204.98
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0023	EA	4' x 7' x 1-3/4" Thick, STC 31, Wood Acoustical Door System (Unrated)	3,366.71	204.98
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0024	EA	4' x 7' x 1-3/4" Thick, STC 36, Wood Acoustical Door System (Unrated)	3,980.37	204.98
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0025	EA	4' x 7' x 1-3/4" Thick, STC 40, Wood Acoustical Door System (Unrated)	5,319.27	204.98
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 73 16-0026	EA	4' x 7' x 1-3/4" Thick, STC 42, Wood Acoustical Door System (Unrated)	5,578.68	204.98
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0027	EA	4' x 7' x 1-3/4" Thick, STC 46, Wood Acoustical Door System (Unrated)	6,616.33	204.98
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0028	EA	4' x 7' x 1-3/4" Thick, STC 49, Wood Acoustical Door System (Unrated)	7,390.38	204.98
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	

08 35 Folding Doors *(08 30)*

08 35 13 Folding Doors *(08 35)*

08 35 13 13 Accordion Folding Doors *(08 35 13)*

08 35 13 13-0001 Accordion Folding Doors *(08 35 13 13)*
Note: Includes track, fittings and hardware, complete.

08 35 13 13-0002	SF	Fire-Resistant, Vinyl Fabric Installed On Welded Steel Frames, Accordion Folding Door	97.91	11.39
		For Fire Retardant, Add	*21.91*	
08 35 13 13-0003	SF	1/32" Thick, Single Ply Vinyl, Accordion Folding Door	19.28	11.39
		For Fire Retardant, Add	*2.26*	
08 35 13 13-0004	SF	0.04" Thick, Fire-Resistant, Rigid Vinyl Panels, Accordion Folding Door	43.90	11.39
		For Fire Retardant, Add	*8.41*	
08 35 13 13-0005	SF	3/8" Thick, Fire-Resistant, Wood Veneer, Vinyl Or High Pressure Laminate, High-Density Engineered Wood Core Panel, Accordion Folding Door	62.48	11.39
		For Fire Retardant, Add	*13.06*	

08 36 Panel Doors *(08 30)*

08 36 13 Sectional Doors *(08 36)*

Note: Excludes lifting equipment (forklift or scissor lift) where required. See CSI section 01 22 23 00-0885 for forklift.

08 36 13 00-0001 Sectional Wood Overhead Doors (Width x Height) *(08 36 13)*

08 36 13 00-0002 Wood Sectional Overhead Doors *(08 36 13 00-0001)*
Note: Includes 1-3/4" door, tracks and hardware. Excludes frame.

08 36 13 00-0003	EA	8' x 8', Wood Sectional Door, Manual Lift	2,848.00	455.52
08 36 13 00-0004	EA	10' x 10', Wood Sectional Door, Manual Lift	3,531.58	505.62
08 36 13 00-0005	EA	12' x 12', Wood Sectional Door, Manual Lift	4,499.59	605.84
08 36 13 00-0006	EA	14' x 14', Wood Sectional Door, Manual Lift	6,456.45	701.50
08 36 13 00-0007	EA	12' x 16', Wood Sectional Door, Manual Lift	6,965.12	911.03
08 36 13 00-0008	EA	20' x 8', Wood Sectional Door, Manual Lift	6,678.86	1,138.79
08 36 13 00-0009	EA	20' x 16', Wood Sectional Door, Manual Lift	12,099.84	1,518.01

08 36 13 00-0010 Residential Grade, Wood Sectional Overhead Doors *(08 36 13 00-0001)*
Note: Includes 1-3/4" door, tracks and hardware. Excludes frame.

08 36 13 00-0011	EA	9' x 7', Residential Grade, Wood Sectional Door, Manual Lift	1,468.97	227.76
		For Hardboard Face, Add	*115.00*	
		For Insulation, Add	*117.00*	
		For Motor Operator With Remote Controls, Add	*457.73*	
		For Each Glass Vision Panel In Door, Add	*50.00*	
08 36 13 00-0012	EA	16' x 7', Residential Grade, Wood Sectional Door, Manual Lift	2,300.39	227.76
		For Hardboard Face, Add	*115.00*	
		For Insulation, Add	*117.00*	
		For Motor Operator With Remote Controls, Add	*491.59*	
		For Each Glass Vision Panel In Door, Add	*50.00*	

08 36 13 00-0013 Sectional Metal Overhead Doors (Width x Height) *(08 36 13)*
Note: Includes tracks and all hardware.

08 36 13 00-0014 Galvanized Steel Sectional Overhead Doors *(08 36 13 00-0013)*

08 36 13 00-0015 Non-Insulated, 24 Gauge Galvanized Steel Sectional Doors *(08 36 13 00-0014)*
Note: Includes 2" door, tracks and hardware. Excludes frame.

08 36 13 00-0016	EA	8' x 8', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	1,939.69	398.58
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*165.67*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*285.64*	
		For Aluminum, Mill Finish, Add	*130.25*	
		For Aluminum, Anodized Finish, Add	*364.47*	
08 36 13 00-0017	EA	8' x 10', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,290.34	455.52
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*200.00*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*344.83*	
		For Aluminum, Mill Finish, Add	*157.24*	
		For Aluminum, Anodized Finish, Add	*440.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0018	EA	8' x 12', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,825.19	569.39
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*244.53*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*421.60*	
		For Aluminum, Mill Finish, Add	*192.25*	
		For Aluminum, Anodized Finish, Add	*537.96*	
08 36 13 00-0019	EA	10' x 8', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,184.89	455.52
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*184.71*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*318.47*	
		For Aluminum, Mill Finish, Add	*145.22*	
		For Aluminum, Anodized Finish, Add	*406.36*	
08 36 13 00-0020	EA	10' x 10', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,690.14	569.39
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*224.95*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*387.84*	
		For Aluminum, Mill Finish, Add	*176.85*	
		For Aluminum, Anodized Finish, Add	*494.88*	
08 36 13 00-0021	EA	10' x 12', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,377.71	740.22
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*275.11*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*474.32*	
		For Aluminum, Mill Finish, Add	*216.29*	
		For Aluminum, Anodized Finish, Add	*605.24*	
08 36 13 00-0022	EA	10' x 14', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,982.07	911.03
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*313.20*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*540.00*	
		For Aluminum, Mill Finish, Add	*246.24*	
		For Aluminum, Anodized Finish, Add	*689.04*	
08 36 13 00-0023	EA	12' x 8', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,601.37	569.39
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*212.07*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*365.65*	
		For Aluminum, Mill Finish, Add	*166.73*	
		For Aluminum, Anodized Finish, Add	*466.56*	
08 36 13 00-0024	EA	12' x 10', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,244.53	740.22
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*255.80*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*441.03*	
		For Aluminum, Mill Finish, Add	*201.11*	
		For Aluminum, Anodized Finish, Add	*562.75*	
08 36 13 00-0025	EA	12' x 12', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,958.00	911.03
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*309.71*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*533.98*	
		For Aluminum, Mill Finish, Add	*243.50*	
		For Aluminum, Anodized Finish, Add	*681.36*	
08 36 13 00-0026	EA	12' x 14', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,667.79	1,081.85
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*363.09*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*626.02*	
		For Aluminum, Mill Finish, Add	*285.47*	
		For Aluminum, Anodized Finish, Add	*798.80*	
08 36 13 00-0027	EA	12' x 16', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,565.43	1,309.61
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*427.20*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*736.56*	
		For Aluminum, Mill Finish, Add	*335.87*	
		For Aluminum, Anodized Finish, Add	*939.84*	
08 36 13 00-0028	EA	14' x 8', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,068.79	740.22
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*230.31*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*397.09*	
		For Aluminum, Mill Finish, Add	*181.07*	
		For Aluminum, Anodized Finish, Add	*506.69*	
08 36 13 00-0029	EA	14' x 10', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,774.87	911.03
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*283.16*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*488.20*	
		For Aluminum, Mill Finish, Add	*222.62*	
		For Aluminum, Anodized Finish, Add	*622.94*	
08 36 13 00-0030	EA	14' x 12', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,654.02	1,138.79
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*344.58*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*594.11*	
		For Aluminum, Mill Finish, Add	*270.91*	
		For Aluminum, Anodized Finish, Add	*758.08*	
08 36 13 00-0031	EA	14' x 14', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,367.49	1,309.61
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*398.50*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*687.07*	
		For Aluminum, Mill Finish, Add	*313.30*	
		For Aluminum, Anodized Finish, Add	*876.70*	
08 36 13 00-0032	EA	14' x 16', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,179.01	1,480.43
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*466.63*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*804.54*	
		For Aluminum, Mill Finish, Add	*366.87*	
		For Aluminum, Anodized Finish, Add	*1,026.59*	
08 36 13 00-0033	EA	16' x 8', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,710.11	911.03
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*273.77*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*472.01*	
		For Aluminum, Mill Finish, Add	*215.24*	
		For Aluminum, Anodized Finish, Add	*602.28*	
08 36 13 00-0034	EA	16' x 10', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,585.56	1,138.79
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*334.66*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*576.99*	
		For Aluminum, Mill Finish, Add	*263.11*	
		For Aluminum, Anodized Finish, Add	*736.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0035	EA	16' x 12', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,402.61	1,309.61
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*403.59*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*695.85*	
		For Aluminum, Mill Finish, Add	*317.31*	
		For Aluminum, Anodized Finish, Add	*887.90*	
08 36 13 00-0036	EA	16' x 14', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,456.50	1,480.43
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*506.87*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*873.91*	
		For Aluminum, Mill Finish, Add	*398.50*	
		For Aluminum, Anodized Finish, Add	*1,115.11*	
08 36 13 00-0037	EA	16' x 16', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	7,524.36	1,708.19
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*595.65*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,026.99*	
		For Aluminum, Mill Finish, Add	*468.31*	
		For Aluminum, Anodized Finish, Add	*1,310.44*	
08 36 13 00-0038	EA	18' x 8', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,728.03	1,138.79
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*355.31*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*612.61*	
		For Aluminum, Mill Finish, Add	*279.35*	
		For Aluminum, Anodized Finish, Add	*781.69*	
08 36 13 00-0039	EA	18' x 10', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,657.93	1,309.61
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*440.61*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*759.68*	
		For Aluminum, Mill Finish, Add	*346.41*	
		For Aluminum, Anodized Finish, Add	*969.35*	
08 36 13 00-0040	EA	18' x 12', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,863.48	1,480.43
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*565.88*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*975.66*	
		For Aluminum, Mill Finish, Add	*444.90*	
		For Aluminum, Anodized Finish, Add	*1,244.94*	
08 36 13 00-0041	EA	18' x 14', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	7,933.20	1,708.19
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*654.94*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,129.20*	
		For Aluminum, Mill Finish, Add	*514.92*	
		For Aluminum, Anodized Finish, Add	*1,440.86*	
08 36 13 00-0042	EA	18' x 16', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	9,117.61	1,935.95
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*760.63*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,311.42*	
		For Aluminum, Mill Finish, Add	*598.01*	
		For Aluminum, Anodized Finish, Add	*1,673.38*	
08 36 13 00-0043	EA	20' x 8', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,367.49	1,309.61
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*398.50*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*687.07*	
		For Aluminum, Mill Finish, Add	*313.30*	
		For Aluminum, Anodized Finish, Add	*876.70*	
08 36 13 00-0044	EA	20' x 10', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,297.41	1,480.43
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*483.80*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*834.14*	
		For Aluminum, Mill Finish, Add	*380.37*	
		For Aluminum, Anodized Finish, Add	*1,064.36*	
08 36 13 00-0045	EA	20' x 12', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	7,790.76	1,708.19
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*634.28*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,093.59*	
		For Aluminum, Mill Finish, Add	*498.68*	
		For Aluminum, Anodized Finish, Add	*1,395.42*	
08 36 13 00-0046	EA	20' x 14', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	8,860.46	1,935.95
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*723.34*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,247.14*	
		For Aluminum, Mill Finish, Add	*568.69*	
		For Aluminum, Anodized Finish, Add	*1,591.34*	
08 36 13 00-0047	EA	20' x 16', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	10,977.23	2,163.71
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*964.22*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,662.45*	
		For Aluminum, Mill Finish, Add	*758.07*	
		For Aluminum, Anodized Finish, Add	*2,121.28*	
08 36 13 00-0048	EA	22' x 8', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,971.81	1,480.43
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*436.59*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*752.74*	
		For Aluminum, Mill Finish, Add	*343.25*	
		For Aluminum, Anodized Finish, Add	*960.49*	
08 36 13 00-0049	EA	22' x 10', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	7,393.04	1,708.19
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*576.61*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*994.16*	
		For Aluminum, Mill Finish, Add	*453.34*	
		For Aluminum, Anodized Finish, Add	*1,268.55*	
08 36 13 00-0050	EA	22' x 12', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	8,777.22	1,935.95
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*711.27*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,226.33*	
		For Aluminum, Mill Finish, Add	*559.20*	
		For Aluminum, Anodized Finish, Add	*1,564.79*	
08 36 13 00-0051	EA	22' x 14', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	10,379.70	2,163.71
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*877.58*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,513.06*	
		For Aluminum, Mill Finish, Add	*689.96*	
		For Aluminum, Anodized Finish, Add	*1,930.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0052	EA	22' x 16', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	11,713.88	2,391.47
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,004.99*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,732.74*	
		For Aluminum, Mill Finish, Add	*790.13*	
		For Aluminum, Anodized Finish, Add	*2,210.98*	
08 36 13 00-0053	EA	24' x 8', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,606.81	1,708.19
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*462.61*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*797.60*	
		For Aluminum, Mill Finish, Add	*363.71*	
		For Aluminum, Anodized Finish, Add	*1,017.74*	
08 36 13 00-0054	EA	24' x 10', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	8,085.33	1,935.95
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*610.94*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,053.35*	
		For Aluminum, Mill Finish, Add	*480.33*	
		For Aluminum, Anodized Finish, Add	*1,344.08*	
08 36 13 00-0055	EA	24' x 12', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	9,883.92	2,163.71
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*805.69*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,389.12*	
		For Aluminum, Mill Finish, Add	*633.44*	
		For Aluminum, Anodized Finish, Add	*1,772.51*	
08 36 13 00-0056	EA	24' x 14', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	11,055.31	2,391.47
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*909.50*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,568.10*	
		For Aluminum, Mill Finish, Add	*715.05*	
		For Aluminum, Anodized Finish, Add	*2,000.90*	
08 36 13 00-0057	EA	24' x 16', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	12,422.85	2,619.22
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,041.74*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,796.11*	
		For Aluminum, Mill Finish, Add	*819.02*	
		For Aluminum, Anodized Finish, Add	*2,291.83*	

08 36 13 00-0058 Insulated, 24 Gauge Galvanized Steel Sectional Doors *(08 36 13 00-0014)*

Note: Includes 2" door with polystyrene insulation, 26 gauge interior cover, tracks and hardware. Excludes frame.

08 36 13 00-0059	EA	8' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,484.09	398.58
		For Aluminum, Mill Finish, Add	*192.31*	
		For Aluminum, Anodized Finish, Add	*538.13*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*210.87*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*421.74*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,096.51*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*2,108.68*	
08 36 13 00-0060	EA	8' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,966.06	455.52
		For Aluminum, Mill Finish, Add	*234.27*	
		For Aluminum, Anodized Finish, Add	*655.55*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*256.88*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*513.76*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,335.77*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*2,568.79*	
08 36 13 00-0061	EA	8' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,640.38	569.39
		For Aluminum, Mill Finish, Add	*285.18*	
		For Aluminum, Anodized Finish, Add	*798.01*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*312.70*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*625.40*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,626.03*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*3,126.99*	
08 36 13 00-0062	EA	10' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,891.02	455.52
		For Aluminum, Mill Finish, Add	*225.72*	
		For Aluminum, Anodized Finish, Add	*631.62*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*247.50*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*495.00*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,286.99*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*2,474.99*	
08 36 13 00-0063	EA	10' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,547.94	569.39
		For Aluminum, Mill Finish, Add	*274.64*	
		For Aluminum, Anodized Finish, Add	*768.52*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*301.14*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*602.29*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,565.95*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*3,011.44*	
08 36 13 00-0064	EA	10' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,505.34	740.22
		For Aluminum, Mill Finish, Add	*344.84*	
		For Aluminum, Anodized Finish, Add	*964.95*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*378.12*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*756.23*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,966.20*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*3,781.15*	
08 36 13 00-0065	EA	10' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,213.34	911.03
		For Aluminum, Mill Finish, Add	*386.60*	
		For Aluminum, Anodized Finish, Add	*1,081.82*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*423.91*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*847.82*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*2,204.33*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*4,239.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0066	EA	12' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,406.64	569.39
		For Aluminum, Mill Finish, Add	*258.53*	
		For Aluminum, Anodized Finish, Add	*723.44*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*283.48*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*566.96*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,474.10*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*2,834.81*	
08 36 13 00-0067	EA	12' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,238.46	740.22
		For Aluminum, Mill Finish, Add	*314.42*	
		For Aluminum, Anodized Finish, Add	*879.81*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*344.76*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*689.51*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,792.73*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*3,447.55*	
08 36 13 00-0068	EA	12' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,166.25	911.03
		For Aluminum, Mill Finish, Add	*381.24*	
		For Aluminum, Anodized Finish, Add	*1,066.79*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*418.02*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*836.05*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*2,173.72*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*4,180.23*	
08 36 13 00-0069	EA	12' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,036.46	1,081.85
		For Aluminum, Mill Finish, Add	*441.49*	
		For Aluminum, Anodized Finish, Add	*1,235.41*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*484.09*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*968.19*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*2,517.29*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*4,840.94*	
08 36 13 00-0070	EA	12' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	7,329.30	1,309.61
		For Aluminum, Mill Finish, Add	*536.95*	
		For Aluminum, Anodized Finish, Add	*1,502.52*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*588.76*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,177.52*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*3,061.56*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*5,887.61*	
08 36 13 00-0071	EA	14' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,030.87	740.22
		For Aluminum, Mill Finish, Add	*290.75*	
		For Aluminum, Anodized Finish, Add	*813.59*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*318.81*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*637.61*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,657.79*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*3,188.06*	
08 36 13 00-0072	EA	14' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,000.52	911.03
		For Aluminum, Mill Finish, Add	*362.34*	
		For Aluminum, Anodized Finish, Add	*1,013.93*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*397.31*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*794.61*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*2,065.99*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*3,973.06*	
08 36 13 00-0073	EA	14' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,075.33	1,138.79
		For Aluminum, Mill Finish, Add	*432.94*	
		For Aluminum, Anodized Finish, Add	*1,211.48*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*474.72*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*949.44*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*2,468.53*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*4,747.18*	
08 36 13 00-0074	EA	14' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	7,168.80	1,309.61
		For Aluminum, Mill Finish, Add	*518.65*	
		For Aluminum, Anodized Finish, Add	*1,451.32*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*568.70*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,137.40*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*2,957.23*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*5,686.99*	
08 36 13 00-0075	EA	14' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	8,234.40	1,480.43
		For Aluminum, Mill Finish, Add	*601.18*	
		For Aluminum, Anodized Finish, Add	*1,682.26*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*659.19*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,318.39*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*3,427.80*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*6,591.93*	
08 36 13 00-0076	EA	16' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,820.85	911.03
		For Aluminum, Mill Finish, Add	*341.86*	
		For Aluminum, Anodized Finish, Add	*956.61*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*374.85*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*749.70*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,949.21*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*3,748.48*	
08 36 13 00-0077	EA	16' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,214.89	1,138.79
		For Aluminum, Mill Finish, Add	*448.85*	
		For Aluminum, Anodized Finish, Add	*1,256.00*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*492.16*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*984.33*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*2,559.25*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*4,921.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0078	EA	16' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	7,263.01	1,309.61
		For Aluminum, Mill Finish, Add	*529.39*	
		For Aluminum, Anodized Finish, Add	*1,481.37*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*580.48*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,160.95*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*3,018.47*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*5,804.75*	
08 36 13 00-0079	EA	16' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	8,318.12	1,480.43
		For Aluminum, Mill Finish, Add	*610.73*	
		For Aluminum, Anodized Finish, Add	*1,708.97*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*669.66*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,339.32*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*3,482.22*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*6,696.58*	
08 36 13 00-0080	EA	16' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	9,848.25	1,708.19
		For Aluminum, Mill Finish, Add	*733.23*	
		For Aluminum, Anodized Finish, Add	*2,051.76*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*803.98*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,607.96*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*4,180.70*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*8,039.81*	
08 36 13 00-0081	EA	18' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,538.02	1,138.79
		For Aluminum, Mill Finish, Add	*371.69*	
		For Aluminum, Anodized Finish, Add	*1,040.08*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*407.55*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*815.11*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*2,119.28*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*4,075.54*	
08 36 13 00-0082	EA	18' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,891.43	1,309.61
		For Aluminum, Mill Finish, Add	*487.03*	
		For Aluminum, Anodized Finish, Add	*1,362.84*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*534.03*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,068.06*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*2,776.94*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*5,340.28*	
08 36 13 00-0083	EA	18' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	8,011.09	1,480.43
		For Aluminum, Mill Finish, Add	*575.73*	
		For Aluminum, Anodized Finish, Add	*1,611.02*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*631.28*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,262.56*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*3,282.65*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*6,312.79*	
08 36 13 00-0084	EA	18' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	10,026.19	1,708.19
		For Aluminum, Mill Finish, Add	*753.52*	
		For Aluminum, Anodized Finish, Add	*2,108.52*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*826.22*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,652.45*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*4,296.36*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*8,262.24*	
08 36 13 00-0085	EA	18' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	10,968.41	1,935.95
		For Aluminum, Mill Finish, Add	*809.00*	
		For Aluminum, Anodized Finish, Add	*2,263.78*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*887.06*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,774.12*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*4,612.72*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*8,870.61*	
08 36 13 00-0086	EA	20' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,858.28	1,309.61
		For Aluminum, Mill Finish, Add	*483.25*	
		For Aluminum, Anodized Finish, Add	*1,352.26*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*529.88*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,059.77*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*2,755.40*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*5,298.84*	
08 36 13 00-0087	EA	20' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	8,087.87	1,480.43
		For Aluminum, Mill Finish, Add	*584.48*	
		For Aluminum, Anodized Finish, Add	*1,635.52*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*640.88*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,281.75*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*3,332.56*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*6,408.76*	
08 36 13 00-0088	EA	20' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	10,383.79	1,708.19
		For Aluminum, Mill Finish, Add	*794.28*	
		For Aluminum, Anodized Finish, Add	*2,222.60*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*870.92*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,741.85*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*4,528.80*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*8,709.24*	
08 36 13 00-0089	EA	20' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	11,287.64	1,935.95
		For Aluminum, Mill Finish, Add	*845.39*	
		For Aluminum, Anodized Finish, Add	*2,365.61*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*926.97*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,853.93*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*4,820.22*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*9,269.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0090	EA	20' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	13,133.51	2,163.71
		For Aluminum, Mill Finish, Add	*1,003.89*	
		For Aluminum, Anodized Finish, Add	*2,809.13*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,100.76*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*2,201.52*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*5,723.94*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*11,007.58*	
08 36 13 00-0091	EA	22' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	7,513.93	1,480.43
		For Aluminum, Mill Finish, Add	*519.05*	
		For Aluminum, Anodized Finish, Add	*1,452.43*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*569.13*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,138.27*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*2,959.50*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*5,691.34*	
08 36 13 00-0092	EA	22' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	9,319.69	1,708.19
		For Aluminum, Mill Finish, Add	*672.98*	
		For Aluminum, Anodized Finish, Add	*1,883.15*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*737.91*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,475.82*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*3,837.14*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*7,379.11*	
08 36 13 00-0093	EA	22' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	11,095.77	1,935.95
		For Aluminum, Mill Finish, Add	*823.52*	
		For Aluminum, Anodized Finish, Add	*2,304.41*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*902.98*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,805.96*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*4,695.50*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*9,029.81*	
08 36 13 00-0094	EA	22' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	12,472.36	2,163.71
		For Aluminum, Mill Finish, Add	*928.52*	
		For Aluminum, Anodized Finish, Add	*2,598.23*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,018.11*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*2,036.23*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*5,294.19*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*10,181.14*	
08 36 13 00-0095	EA	22' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	14,248.37	2,391.47
		For Aluminum, Mill Finish, Add	*1,079.06*	
		For Aluminum, Anodized Finish, Add	*3,019.48*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,183.18*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*2,366.37*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*6,152.55*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*11,831.83*	
08 36 13 00-0096	EA	24' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	8,355.00	1,708.19
		For Aluminum, Mill Finish, Add	*563.00*	
		For Aluminum, Anodized Finish, Add	*1,575.41*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*617.33*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,234.65*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*3,210.09*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*6,173.25*	
08 36 13 00-0097	EA	24' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	10,354.38	1,935.95
		For Aluminum, Mill Finish, Add	*739.00*	
		For Aluminum, Anodized Finish, Add	*2,067.90*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*810.31*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,620.62*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*4,213.60*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*8,103.08*	
08 36 13 00-0098	EA	24' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	12,031.03	2,163.71
		For Aluminum, Mill Finish, Add	*878.21*	
		For Aluminum, Anodized Finish, Add	*2,457.44*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*962.95*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,925.90*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*5,007.33*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*9,629.48*	
08 36 13 00-0099	EA	24' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	13,810.53	2,391.47
		For Aluminum, Mill Finish, Add	*1,029.15*	
		For Aluminum, Anodized Finish, Add	*2,879.81*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,128.45*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*2,256.91*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*5,867.95*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*11,284.53*	
08 36 13 00-0100	EA	24' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	15,560.43	2,619.22
		For Aluminum, Mill Finish, Add	*1,176.71*	
		For Aluminum, Anodized Finish, Add	*3,292.72*	
		For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add	*1,290.25*	
		For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add	*2,580.50*	
		For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add	*6,709.30*	
		For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add	*12,902.50*	
08 36 13 00-0101		Residential Grade, Galvanized Steel Sectional Overhead Doors *(08 36 13 00-0013)*		
		Note: Includes track and hardware. Excludes frame.		
08 36 13 00-0102	EA	9' x 7', Non-Insulated, 25 Gauge Residential Grade Galvanized Steel Sectional Door, Manual Lift	1,165.31	227.76
		For Aluminum And Fiberglass, Add	*184.74*	
		For Each Glass Vision Panel In Door, Add	*27.00*	
		For Insulated Door, Add	*315.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0103	EA	9' x 8', Non-Insulated, 25 Gauge Residential Grade Galvanized Steel Sectional Door, Manual Lift	1,272.25	227.76
		For Aluminum And Fiberglass, Add	*217.89*	
		For Each Glass Vision Panel In Door, Add	*27.00*	
		For Insulated Door, Add	*372.52*	
08 36 13 00-0104	EA	16' x 7', Non-Insulated, 25 Gauge Residential Grade Galvanized Steel Sectional Door, Manual Lift	1,635.50	260.56
		For Aluminum And Fiberglass, Add	*305.51*	
		For Each Glass Vision Panel In Door, Add	*27.00*	
		For Insulated Door, Add	*522.32*	
08 36 13 00-0105	EA	16' x 8', Non-Insulated, 25 Gauge Residential Grade Galvanized Steel Sectional Door, Manual Lift	1,803.55	260.56
		For Aluminum And Fiberglass, Add	*357.60*	
		For Each Glass Vision Panel In Door, Add	*27.00*	
		For Insulated Door, Add	*611.38*	

08 36 13 00-0106 Removal And Reinstallation Of Sectional Metal Overhead Doors And Supports *(08 36 13 00-0013)*

Note: Includes storage, cleaning and supply materials.

08 36 13 00-0107	SF	Removal And Reinstallation Of Sectional Metal Overhead Door And Supports	16.25	

08 36 13 00-0108 Sectional Fiberglass Overhead Doors (Width x Height) *(08 36 13)*

08 36 13 00-0109 Fiberglass Sectional Overhead Doors *(08 36 13 00-0108)*

08 36 13 00-0110 Non-Insulated, Fiberglass Sectional Doors *(08 36 13 00-0109)*

Note: Includes 2" door, tracks and hardware. Excludes frame.

08 36 13 00-0111	EA	8' x 8', Non-Insulated, Fiberglass Sectional Door, Manual Lift	2,245.74	398.58
08 36 13 00-0112	EA	8' x 10', Non-Insulated, Fiberglass Sectional Door, Manual Lift	2,657.31	455.52
08 36 13 00-0113	EA	8' x 12', Non-Insulated, Fiberglass Sectional Door, Manual Lift	3,159.05	569.39
08 36 13 00-0114	EA	10' x 8', Non-Insulated, Fiberglass Sectional Door, Manual Lift	2,628.73	455.52
08 36 13 00-0115	EA	10' x 10', Non-Insulated, Fiberglass Sectional Door, Manual Lift	3,121.32	512.46
08 36 13 00-0116	EA	10' x 12', Non-Insulated, Fiberglass Sectional Door, Manual Lift	3,927.37	711.75
08 36 13 00-0117	EA	10' x 14', Non-Insulated, Fiberglass Sectional Door, Manual Lift	4,737.52	911.03
08 36 13 00-0118	EA	12' x 8', Non-Insulated, Fiberglass Sectional Door, Manual Lift	3,118.55	569.39
08 36 13 00-0119	EA	12' x 10', Non-Insulated, Fiberglass Sectional Door, Manual Lift	3,910.69	711.75
08 36 13 00-0120	EA	12' x 12', Non-Insulated, Fiberglass Sectional Door, Manual Lift	4,692.97	854.10
08 36 13 00-0121	EA	12' x 14', Non-Insulated, Fiberglass Sectional Door, Manual Lift	5,758.25	1,138.79
08 36 13 00-0122	EA	12' x 16', Non-Insulated, Fiberglass Sectional Door, Manual Lift	6,715.57	1,366.55
08 36 13 00-0123	EA	14' x 8', Non-Insulated, Fiberglass Sectional Door, Manual Lift	3,835.87	797.15
08 36 13 00-0124	EA	14' x 10', Non-Insulated, Fiberglass Sectional Door, Manual Lift	4,637.46	911.03
08 36 13 00-0125	EA	14' x 12', Non-Insulated, Fiberglass Sectional Door, Manual Lift	5,672.48	1,138.79
08 36 13 00-0126	EA	14' x 14', Non-Insulated, Fiberglass Sectional Door, Manual Lift	6,706.04	1,366.55
08 36 13 00-0127	EA	14' x 16', Non-Insulated, Fiberglass Sectional Door, Manual Lift	7,514.55	1,480.43
08 36 13 00-0128	EA	16' x 8', Non-Insulated, Fiberglass Sectional Door, Manual Lift	4,358.72	911.03
08 36 13 00-0129	EA	16' x 10', Non-Insulated, Fiberglass Sectional Door, Manual Lift	5,215.84	1,024.91
08 36 13 00-0130	EA	16' x 12', Non-Insulated, Fiberglass Sectional Door, Manual Lift	6,315.58	1,252.67
08 36 13 00-0131	EA	16' x 14', Non-Insulated, Fiberglass Sectional Door, Manual Lift	7,402.58	1,480.43
08 36 13 00-0132	EA	16' x 16', Non-Insulated, Fiberglass Sectional Door, Manual Lift	8,262.57	1,594.31

08 36 13 00-0133 Insulated, Fiberglass Sectional Doors *(08 36 13 00-0109)*

Note: Includes 2" door with polystyrene insulation, tracks and hardware. Excludes frame.

08 36 13 00-0134	EA	8' x 8', Insulated, Fiberglass Sectional Door, Manual Lift	2,723.74	398.58
08 36 13 00-0135	EA	8' x 10', Insulated, Fiberglass Sectional Door, Manual Lift	3,233.59	455.52
08 36 13 00-0136	EA	8' x 12', Insulated, Fiberglass Sectional Door, Manual Lift	3,825.73	569.39
08 36 13 00-0137	EA	10' x 8', Insulated, Fiberglass Sectional Door, Manual Lift	3,195.57	455.52
08 36 13 00-0138	EA	10' x 10', Insulated, Fiberglass Sectional Door, Manual Lift	3,813.17	512.46
08 36 13 00-0139	EA	10' x 12', Insulated, Fiberglass Sectional Door, Manual Lift	4,753.65	711.75
08 36 13 00-0140	EA	10' x 14', Insulated, Fiberglass Sectional Door, Manual Lift	5,699.81	911.03
08 36 13 00-0141	EA	12' x 8', Insulated, Fiberglass Sectional Door, Manual Lift	3,771.87	569.39
08 36 13 00-0142	EA	12' x 10', Insulated, Fiberglass Sectional Door, Manual Lift	4,731.47	711.75
08 36 13 00-0143	EA	12' x 12', Insulated, Fiberglass Sectional Door, Manual Lift	5,678.06	854.10
08 36 13 00-0144	EA	12' x 14', Insulated, Fiberglass Sectional Door, Manual Lift	6,906.86	1,138.79
08 36 13 00-0145	EA	12' x 16', Insulated, Fiberglass Sectional Door, Manual Lift	8,030.07	1,366.55
08 36 13 00-0146	EA	14' x 8', Insulated, Fiberglass Sectional Door, Manual Lift	4,575.67	797.15
08 36 13 00-0147	EA	14' x 10', Insulated, Fiberglass Sectional Door, Manual Lift	5,566.73	911.03
08 36 13 00-0148	EA	14' x 12', Insulated, Fiberglass Sectional Door, Manual Lift	6,792.80	1,138.79
08 36 13 00-0149	EA	14' x 14', Insulated, Fiberglass Sectional Door, Manual Lift	8,017.40	1,366.55
08 36 13 00-0150	EA	14' x 16', Insulated, Fiberglass Sectional Door, Manual Lift	9,017.74	1,480.43
08 36 13 00-0151	EA	16' x 8', Insulated, Fiberglass Sectional Door, Manual Lift	5,196.01	911.03
08 36 13 00-0152	EA	16' x 10', Insulated, Fiberglass Sectional Door, Manual Lift	6,260.68	1,024.91
08 36 13 00-0153	EA	16' x 12', Insulated, Fiberglass Sectional Door, Manual Lift	7,572.69	1,252.67
08 36 13 00-0154	EA	16' x 14', Insulated, Fiberglass Sectional Door, Manual Lift	8,868.81	1,480.43
08 36 13 00-0155	EA	16' x 16', Insulated, Fiberglass Sectional Door, Manual Lift	9,937.14	1,594.31

08 36 13 00-0156 Sectional Overhead Door Accessories *(08 36 13)*

08 36 13 00-0157 Sectional Overhead Door Accessories *(08 36 13 00-0156)*

08 36 13 00-0158	LF	Flap Seal For Sectional Overhead Doors	3.96
08 36 13 00-0159	LF	Weather Seal At Top Of Door For Sectional Overhead Doors	5.61
08 36 13 00-0160	LF	Astragal Only, Weather Strip At Bottom Of Door For Sectional Overhead Doors	3.31

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0161	EA	Cylinder Lock For Sectional Overhead Doors	323.55	
08 36 13 00-0162	EA	Manual Chain Hoist For Sectional Overhead Doors	730.94	
08 36 13 00-0163	EA	3/4 HP, Electric Chain Lift Operator For Sectional Overhead Doors Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.	2,676.62	
08 36 13 00-0164	EA	1/2 HP Trolley Operator For Sectional Overhead Doors Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.	1,376.09	
08 36 13 00-0165	EA	3/4 HP Trolley Operator For Sectional Overhead Doors Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.	1,804.42	
		For Door Height >12', Add *Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.*	*10.00*	
08 36 13 00-0166	SF	Up To 2 SF Per Window 1/8" Double Strength Glass (DSB) Glazing For Sectional Overhead Doors Note: Additional cost for factory supplied.	32.05	
08 36 13 00-0167	SF	>2 SF Per Window 1/8" Double Strength Glass (DSB) Glazing For Sectional Overhead Doors Note: Additional cost for factory supplied.	19.99	
08 36 13 00-0168	SF	Up To 2 SF Per Window 1/8" Plexiglas Glazing For Sectional Overhead Doors Note: Additional cost for factory supplied.	19.50	
08 36 13 00-0169	SF	>2 SF Per Window 1/8" Plexiglas Glazing For Sectional Overhead Doors Note: Additional cost for factory supplied.	13.29	
08 36 13 00-0170	SF	Up To 2 SF Per Window 3/4" Insulated Glazing For Sectional Overhead Doors Note: Additional cost for factory supplied.	50.94	
08 36 13 00-0171	SF	>2 SF Per Window 3/4" Insulated Glazing For Sectional Overhead Doors Note: Additional cost for factory supplied.	34.38	
08 36 13 00-0172	SF	Up To 2 SF Per Window 1-5/8" Insulated Glazing For Sectional Metal Overhead Doors Note: Additional cost for factory supplied.	68.77	
08 36 13 00-0173	SF	>2 SF Per Window 1-5/8" Insulated Glazing For Sectional Metal Overhead Doors Note: Additional cost for factory supplied.	46.42	
08 36 13 00-0174	EA	Vertical Lift Track For Sectional Overhead Doors Up To 12' High Door Note: Includes additional installation of vertical track, spring bumpers, counterweights and vertical lift springs.	623.89	
08 36 13 00-0175	EA	Vertical Lift Track For Sectional Overhead Doors >12' To 16' High Door Note: Includes additional installation of vertical track, spring bumpers, counterweights and vertical lift springs.	972.42	
08 36 13 00-0176	EA	Vertical Lift Track For Sectional Overhead Doors >16' To 20' High Door Note: Includes additional installation of vertical track, spring bumpers, counterweights and vertical lift springs.	1,434.02	
08 36 13 00-0177	SF	25,000 Cycle Spring In Lieu Of 10,000 Cycle For Sectional Overhead Doors Note: Additional cost for factory supplied/installed spring. Per SF of Door.	1.91	
08 36 13 00-0178	SF	50,000 Cycle Spring In Lieu Of 10,000 Cycle For Sectional Overhead Doors Note: Additional cost for factory supplied/installed spring. Per SF of Door.	2.46	
08 36 13 00-0179	SF	100,000 Cycle Spring In Lieu Of 10,000 Cycle For Sectional Overhead Doors Note: Additional cost for factory supplied/installed spring. Per SF of Door.	3.25	

08 38 Traffic Doors *(08 30)*

08 38 13 Flexible Strip Doors *(08 38)*

08 38 13 00-0001 Clear Polyvinyl Chloride (PVC) Strip Doors *(08 38 13)*

08 38 13 00-0002	SF	8" Smooth Strip, 0.080" Thick, 50% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door	22.70	6.84
		For Cooler/Freezer Doors, USDA Grade, Add *Note: Low temperature to -40 degree F.*	*0.79*	
		For Ribbed Strip Material, Add	*1.66*	
08 38 13 00-0003	SF	8" Smooth Strip, 0.080" Thick, 100% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door	31.65	9.11
		For Cooler/Freezer Doors, USDA Grade, Add *Note: Low temperature to -40 degree F.*	*1.12*	
		For Ribbed Strip Material, Add	*2.34*	
08 38 13 00-0004	SF	12" Smooth Strip, 0.120" Thick, 66% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door	20.21	5.70
		For Cooler/Freezer Doors, USDA Grade, Add *Note: Low temperature to -40 degree F.*	*1.00*	
		For Ribbed Strip Material, Add	*2.09*	
08 38 13 00-0005	SF	12" Smooth Strip, 0.120" Thick, 100% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door	26.17	6.26
		For Cooler/Freezer Doors, USDA Grade, Add *Note: Low temperature to -40 degree F.*	*1.25*	
		For Ribbed Strip Material, Add	*2.63*	
08 38 13 00-0006	SF	16" Smooth Strip, 0.160" Thick, 66% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door	21.77	5.70
		For Cooler/Freezer Doors, USDA Grade, Add *Note: Low temperature to -40 degree F.*	*1.27*	
		For Ribbed Strip Material, Add	*2.66*	

08 38 13 00-0007 Clear Polyvinyl Chloride (PVC) Replacement Strips *(08 38 13)*

08 38 13 00-0008	EA	8" Smooth Strip, 0.080" Thick, 7' Long, Replacement Strip	75.11	32.12
		For Cooler/Freezer Doors, USDA Grade, Add *Note: Low temperature to -40 degree F.*	*2.27*	
		For Ribbed Strip Material, Add	*4.77*	
08 38 13 00-0009	EA	8" Smooth Strip, 0.080" Thick, 8' Long, Replacement Strip	78.30	32.12
		For Cooler/Freezer Doors, USDA Grade, Add *Note: Low temperature to -40 degree F.*	*2.59*	
		For Ribbed Strip Material, Add	*5.44*	
08 38 13 00-0010	EA	12" Smooth Strip, 0.120" Thick, 8' Long, Replacement Strip	118.04	39.75
		For Cooler/Freezer Doors, USDA Grade, Add *Note: Low temperature to -40 degree F.*	*5.31*	
		For Ribbed Strip Material, Add	*11.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 13 00-0011	EA	12" Smooth Strip, 0.120" Thick, 10' Long, Replacement Strip	128.83	39.75
		For Cooler/Freezer Doors, USDA Grade, Add	*6.39*	
		Note: Low temperature to -40 degree F.		
		For Ribbed Strip Material, Add	*13.42*	
08 38 13 00-0012	EA	12" Smooth Strip, 0.120" Thick, 12' Long, Replacement Strip	138.96	39.75
		For Cooler/Freezer Doors, USDA Grade, Add	*7.41*	
		Note: Low temperature to -40 degree F.		
		For Ribbed Strip Material, Add	*15.55*	
08 38 13 00-0013	EA	16" Smooth Strip, 0.160" Thick, 14' Long, Replacement Strip	254.59	40.54
		For Cooler/Freezer Doors, USDA Grade, Add	*17.35*	
		Note: Low temperature to -40 degree F.		
		For Ribbed Strip Material, Add	*36.42*	

08 38 16 Flexible Traffic Doors *(08 38)*

Note: Impact traffic doors also known as double action traffic doors. Includes hardware. Excludes door frame.

08 38 16 00-0001 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Doors (TMI Mega-Pro) *(08 38 16)*

08 38 16 00-0002 Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Doors *(08 38 16 00-0001)*

08 38 16 00-0003 Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Doors *(08 38 16 00-0002)*

08 38 16 00-0004	EA	72" x 84" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	8,652.47	113.88
08 38 16 00-0005	EA	72" x 96" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	9,376.65	113.88
08 38 16 00-0006	EA	96" x 96" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	19,799.84	130.96
08 38 16 00-0007	EA	96" x 120" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	22,231.31	142.35
08 38 16 00-0008	EA	108" x 108" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	34,763.90	142.35
08 38 16 00-0009	EA	108" x 120" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	36,385.16	142.35
08 38 16 00-0010	EA	120" x 120" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	40,465.34	170.82

08 38 16 00-0011 Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Doors *(08 38 16 00-0002)*

08 38 16 00-0012	EA	72" x 84" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	9,660.64	113.88
08 38 16 00-0013	EA	72" x 96" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	10,467.10	113.88
08 38 16 00-0014	EA	96" x 96" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	23,513.37	130.96
08 38 16 00-0015	EA	96" x 120" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	25,928.35	142.35
08 38 16 00-0016	EA	108" x 108" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	39,003.89	142.35
08 38 16 00-0017	EA	108" x 120" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	40,653.06	142.35
08 38 16 00-0018	EA	120" x 120" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	45,213.49	170.82

08 38 16 00-0019 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors (Eliason FMP) *(08 38 16)*

Note: Includes pebble embossed finish and a 14" x 16" vinyl window.

08 38 16 00-0020 Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors *(08 38 16 00-0019)*

08 38 16 00-0021 84" Height, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors *(08 38 16 00-0020)*

08 38 16 00-0022	EA	24" To 36" Width x 84" Height Opening, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	3,238.87	62.63
08 38 16 00-0023	EA	40" To 44" Width x 84" Height Opening, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	3,501.13	62.63

08 38 16 00-0024 96" Height, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors *(08 38 16 00-0020)*

08 38 16 00-0025	EA	24" To 36" Width x 96" Height Opening, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	3,501.13	62.63
08 38 16 00-0026	EA	40" To 44" Width x 96" Height Opening, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	3,575.11	62.63

08 38 16 00-0027 Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors *(08 38 16 00-0019)*

08 38 16 00-0028 84" Height, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors *(08 38 16 00-0027)*

08 38 16 00-0029	EA	48" To 72" Width x 84" Height Opening, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	6,443.55	108.18
08 38 16 00-0030	EA	80" To 88" Width x 84" Height Opening, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	6,968.09	108.18

08 38 16 00-0031 96" Height, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors *(08 38 16 00-0027)*

08 38 16 00-0032	EA	48" To 72" Width x 96" Height Opening, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	6,968.09	108.18

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 16 00-0033	EA	80" To 88" Width x 96" Height Opening, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	7,116.04	108.18

08 38 19 Rigid Traffic Doors *(08 38)*

Note: Impact traffic doors also known as double action traffic doors. Includes hardware. Excludes door frame.

08 38 19 00-0001 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors (Eliason LWP-3) *(08 38 19)*

Note: Includes delta formed vertical edges and a 9" x 14" acrylic window.

08 38 19 00-0002 Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors *(08 38 19 00-0001)*

08 38 19 00-0003 84" Height, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors *(08 38 19 00-0002)*

08 38 19 00-0004	EA	24" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,524.03	62.63
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0005	EA	28" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,645.08	62.63
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0006	EA	30" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,697.84	65.48
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0007	EA	32" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,771.81	65.48
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0008	EA	36" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,851.51	68.33
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0009	EA	40" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	2,012.90	68.33
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0010	EA	42" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	2,077.04	76.87
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	

08 38 19 00-0011 96" Height, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors *(08 38 19 00-0002)*

08 38 19 00-0012	EA	24" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,732.50	62.63
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0013	EA	28" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,826.65	62.63
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0014	EA	30" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,886.14	65.48
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0015	EA	32" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,939.93	65.48
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0016	EA	36" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	2,127.23	68.33
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0017	EA	40" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	2,167.57	68.33
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0018	EA	42" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	2,224.98	76.87
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0019		Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors *(08 38 19 00-0001)*		
08 38 19 00-0020		84" Height, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors *(08 38 19 00-0019)*		
08 38 19 00-0021	EA	48" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	3,013.88	108.18
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0022	EA	56" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	3,255.97	108.18
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0023	EA	60" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	3,350.12	108.18
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0024	EA	64" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	3,498.07	108.18
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0025	EA	72" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	3,657.43	113.88
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0026	EA	80" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	3,980.23	113.88
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0027	EA	84" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	4,074.37	113.88
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0028		96" Height, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors *(08 38 19 00-0019)*		
08 38 19 00-0029	EA	48" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	3,430.82	108.18
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0030	EA	56" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	3,619.11	108.18
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0031	EA	60" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	3,726.71	108.18
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0032	EA	64" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	3,834.31	108.18
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0033	EA	72" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	4,208.87	113.88
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0034	EA	80" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	4,289.57	113.88
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0035	EA	84" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	4,370.27	113.88
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	

08 38 19 00-0036 3/4" Thick, Polymer Cell Core Impact Traffic Doors (Eliason P-11 Plus) *(08 38 19)*

Note: Includes 0.125" thick thermoplastic exterior finish, 14 gauge back channel and a 14" x 16" acrylic window.

08 38 19 00-0037 Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0036)*

08 38 19 00-0038 84" Height, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0037)*

08 38 19 00-0039	EA	24" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	2,761.40	62.63
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0040	EA	28" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	3,077.47	62.63
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0041	EA	30" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	3,210.93	65.48
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0042	EA	32" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	3,345.43	65.48
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0043	EA	36" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	3,391.50	68.33
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0044	EA	40" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	3,667.22	68.33
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0045	EA	42" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	3,933.10	76.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0046	EA	44" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	3,980.17	76.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0047 96" Height, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0037)*

08 38 19 00-0048	EA	24" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	3,030.40	62.63
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0049	EA	28" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	3,359.91	62.63
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0050	EA	30" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	3,493.37	65.48
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0051	EA	32" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	3,661.50	65.48
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0052	EA	36" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	3,788.26	68.33
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0053	EA	40" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	4,057.26	68.33
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0054	EA	42" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	4,181.92	76.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0055	EA	44" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	4,350.04	76.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0056 Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0036)*

08 38 19 00-0057 84" Height, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0056)*

08 38 19 00-0058	EA	48" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	5,488.62	108.18
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0059	EA	56" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	6,120.76	108.18
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0060	EA	60" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	6,376.30	108.18
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0061	EA	64" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	6,645.30	108.18
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0062	EA	72" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	6,737.41	113.88
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0063	EA	80" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	7,288.85	113.88
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0064	EA	84" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	7,786.49	113.88
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0065	EA	88" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	7,880.64	113.88
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0066		96" Height, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0056)*		
08 38 19 00-0067	EA	48" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	6,026.61	108.18
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0068	EA	56" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	6,685.65	108.18
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0069	EA	60" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	6,941.19	108.18
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0070	EA	64" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	7,277.43	108.18
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0071	EA	72" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	7,530.95	113.88
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0072	EA	80" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	8,068.94	113.88
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0073	EA	84" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	8,284.13	113.88
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0074	EA	88" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	8,620.37	113.88
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0075		3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors (Eliason PMP-2) *(08 38 19)*		
		Note: Includes textured finish, 16 gauge back channel and a 14" x 16" window.		
08 38 19 00-0076		Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors *(08 38 19 00-0075)*		
08 38 19 00-0077		84" Height, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors *(08 38 19 00-0076)*		
08 38 19 00-0078	EA	24" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	3,894.79	62.63
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0079	EA	28" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	4,438.47	62.63
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0080	EA	30" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	4,589.14	65.48
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0081	EA	32" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	4,643.51	65.48
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0082	EA	36" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	4,703.60	68.33
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0083	EA	40" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	5,211.03	68.33
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0084	EA	42" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	5,644.91	76.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0085	EA	44" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	5,708.34	76.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0086		96" Height, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors *(08 38 19 00-0076)*		
08 38 19 00-0087	EA	24" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	4,012.58	62.63
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0088	EA	28" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	4,683.12	62.63
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0089	EA	30" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	4,842.86	65.48
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0090	EA	32" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	4,915.35	65.48
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0091	EA	36" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	4,939.19	68.33
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0092	EA	40" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	5,310.71	68.33
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0093	EA	42" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	5,735.53	76.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0094	EA	44" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	5,808.02	76.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0095 Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors *(08 38 19 00-0075)*

08 38 19 00-0096 84" Height, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors *(08 38 19 00-0095)*

08 38 19 00-0097	EA	48" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	7,755.39	108.18
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0098	EA	56" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	8,842.75	108.18
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0099	EA	60" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	9,132.72	108.18
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0100	EA	64" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	9,241.45	108.18
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0101	EA	72" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	9,361.61	113.88
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0102	EA	80" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	10,376.48	113.88
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0103	EA	84" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	11,210.13	113.88
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0104	EA	88" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	11,336.99	113.88
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0105 96" Height, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors *(08 38 19 00-0095)*

08 38 19 00-0106	EA	48" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	7,990.99	108.18
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0107	EA	56" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	9,332.07	108.18
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0108	EA	60" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	9,640.15	108.18
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0109	EA	64" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	9,785.14	108.18
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0110	EA	72" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	9,832.80	113.88
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0111	EA	80" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	10,575.83	113.88
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0112	EA	84" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	11,391.36	113.88
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0113	EA	88" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	11,536.34	113.88
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0114		1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors (Eliason SCP-2) *(08 38 19)* Note: Includes 0.032" tempered aluminum alloy top panel, 48" high 16 gauge stainless steel front and galvanized back base plate, 14 gauge galvanized steel back channel and a 9" x 14" window.		
08 38 19 00-0115		Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors *(08 38 19 00-0114)*		
08 38 19 00-0116		84" Height, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors *(08 38 19 00-0115)*		
08 38 19 00-0117	EA	24" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	3,729.78	62.63
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0118	EA	28" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	4,086.20	62.63
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0119	EA	30" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	4,186.03	65.48
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0120	EA	32" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	4,273.46	65.48
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0121	EA	36" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	4,427.12	68.33
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0122	EA	40" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	4,595.25	68.33
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0123	EA	42" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	4,746.80	76.87
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0124	EA	44" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	4,861.13	76.87
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0125		96" Height, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors *(08 38 19 00-0115)*		
08 38 19 00-0126	EA	24" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	4,032.40	62.63
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0127	EA	28" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	4,408.99	62.63
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0128	EA	30" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	4,515.55	65.48
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0129	EA	32" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	4,562.63	65.48
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0130	EA	36" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	4,702.84	68.33
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0131	EA	40" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	4,924.76	68.33
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0132	EA	42" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	5,049.42	76.87
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0133	EA	44" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	5,163.74	76.87
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0134		Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors *(08 38 19 00-0114)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0135		84" Height, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors *(08 38 19 00-0134)*		
08 38 19 00-0136	EA	48" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	7,425.38	108.18
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0137	EA	56" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	8,138.21	108.18
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0138	EA	60" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	8,326.51	108.18
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0139	EA	64" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	8,501.36	108.18
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0140	EA	72" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	8,808.67	113.88
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0141	EA	80" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	9,144.91	113.88
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0142	EA	84" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	9,413.91	113.88
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0143	EA	88" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	9,642.55	113.88
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0144		96" Height, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors *(08 38 19 00-0134)*		
08 38 19 00-0145	EA	48" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	8,030.62	108.18
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0146	EA	56" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	8,783.80	108.18
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0147	EA	60" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	8,985.54	108.18
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0148	EA	64" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	9,079.69	108.18
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0149	EA	72" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	9,360.11	113.88
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0150	EA	80" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	9,803.95	113.88
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0151	EA	84" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	10,019.14	113.88
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0152	EA	88" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	10,247.79	113.88
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0153		1-1/2" Thick, Polymer Cell Core Impact Traffic Doors (Eliason HCP-10) *(08 38 19)*		
		Note: Includes 0.125" thick thermoplastic exterior finish, 14" x 16" acrylic window and 18" high easy spring bumpers.		
08 38 19 00-0154		Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0153)*		
08 38 19 00-0155		84" Height, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0154)*		
08 38 19 00-0156	EA	24" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	3,662.53	62.63
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0157	EA	28" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	3,857.55	62.63
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0158	EA	30" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	4,038.09	65.48
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0159	EA	32" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	4,152.41	65.48
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0160	EA	36" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	4,440.57	68.33
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0161	EA	40" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	4,669.22	68.33
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0162	EA	42" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	4,867.85	76.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0163	EA	44" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	5,083.05	76.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0164 90" Height, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0154)*

08 38 19 00-0165	EA	24" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	3,797.03	62.63
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0166	EA	28" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	4,032.40	62.63
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0167	EA	30" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	4,152.41	65.48
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0168	EA	32" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	4,313.81	65.48
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0169	EA	36" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	4,622.15	68.33
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0170	EA	40" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	4,897.86	68.33
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0171	EA	42" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	5,083.05	76.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0172	EA	44" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	5,284.79	76.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0173 96" Height, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0154)*

08 38 19 00-0174	EA	24" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	4,140.00	62.63
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0175	EA	28" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	4,187.07	62.63
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0176	EA	30" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	4,387.78	65.48
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0177	EA	32" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	4,535.73	65.48
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0178	EA	36" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	4,850.79	68.33
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0179	EA	40" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	5,180.31	68.33
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0180	EA	42" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	5,352.04	76.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0181	EA	44" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	5,553.78	76.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0182 Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0153)*

08 38 19 00-0183 84" Height, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0182)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0184	EA	48" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	7,290.88	108.18
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0185	EA	56" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	7,680.92	108.18
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0186	EA	60" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	8,030.62	108.18
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0187	EA	64" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	8,259.26	108.18
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0188	EA	72" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	8,835.57	113.88
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0189	EA	80" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	9,292.86	113.88
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0190	EA	84" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	9,656.00	113.88
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0191	EA	88" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	10,086.39	113.88
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0192 90" Height, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0182)*

08 38 19 00-0193	EA	48" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	7,559.88	108.18
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0194	EA	56" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	8,030.62	108.18
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0195	EA	60" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	8,259.26	108.18
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0196	EA	64" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	8,582.05	108.18
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0197	EA	72" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	9,198.71	113.88
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0198	EA	80" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	9,750.15	113.88
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0199	EA	84" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	10,086.39	113.88
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0200	EA	88" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	10,489.88	113.88
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0201 96" Height, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0182)*

08 38 19 00-0202	EA	48" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	8,245.81	108.18
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0203	EA	56" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	8,339.96	108.18
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0204	EA	60" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	8,730.00	108.18
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0205	EA	64" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	9,025.89	108.18
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0206	EA	72" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	9,656.00	113.88
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0207	EA	80" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	10,315.04	113.88
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0208	EA	84" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	10,624.38	113.88
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0209	EA	88" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	11,027.87	113.88
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0210		1-1/2" Thick, Urethane Foam Core Impact Traffic Doors (Eliason HFG-10) *(08 38 19)* Note: Includes 0.125" thick thermoplastic exterior finish, 14" x 16" acrylic window, 18" high easy spring bumpers, and perimeter gasketing.		
08 38 19 00-0211		Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0210)*		
08 38 19 00-0212		84" Height, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0211)*		
08 38 19 00-0213	EA	24" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,662.53	62.63
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0214	EA	28" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,857.55	62.63
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0215	EA	30" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	4,038.09	65.48
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0216	EA	32" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	4,152.41	65.48
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0217	EA	36" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	4,440.57	68.33
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0218	EA	40" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	4,669.22	68.33
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0219	EA	42" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	4,867.85	76.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0220	EA	44" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	5,083.05	76.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0221		90" Height, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0211)*		
08 38 19 00-0222	EA	24" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,797.03	62.63
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0223	EA	28" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	4,032.40	62.63
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0224	EA	30" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	4,152.41	65.48
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0225	EA	32" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	4,313.81	65.48
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0226	EA	36" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	4,622.15	68.33
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0227	EA	40" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	4,897.86	68.33
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0228	EA	42" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	5,083.05	76.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0229	EA	44" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	5,284.79	76.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0230		96" Height, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0211)*		
08 38 19 00-0231	EA	24" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	4,140.00	62.63
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0232	EA	28" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	4,187.07	62.63
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0233	EA	30" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	4,387.78	65.48
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0234	EA	32" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	4,535.73	65.48
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0235	EA	36" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	4,850.79	68.33
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0236	EA	40" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	5,180.31	68.33
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0237	EA	42" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	5,352.04	76.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0238	EA	44" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	5,553.78	76.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0239 Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0210)*

08 38 19 00-0240 84" Height, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0239)*

08 38 19 00-0241	EA	48" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	7,290.88	108.18
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0242	EA	56" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	7,680.92	108.18
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0243	EA	60" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	8,030.62	108.18
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0244	EA	64" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	8,259.26	108.18
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0245	EA	72" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	8,835.57	113.88
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0246	EA	80" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	9,292.86	113.88
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0247	EA	84" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	9,656.00	113.88
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0248	EA	88" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	10,086.39	113.88
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0249 90" Height, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0239)*

08 38 19 00-0250	EA	48" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	7,559.88	108.18
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0251	EA	56" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	8,030.62	108.18
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0252	EA	60" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	8,259.26	108.18
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0253	EA	64" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	8,582.05	108.18
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0254	EA	72" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	9,198.71	113.88
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0255	EA	80" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	9,750.15	113.88
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0256	EA	84" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	10,086.39	113.88
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0257	EA	88" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	10,489.88	113.88
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0258 96" Height, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0239)*

08 38 19 00-0259	EA	48" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	8,245.81	108.18
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0260	EA	56" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	8,339.96	108.18
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0261	EA	60" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	8,730.00	108.18
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0262	EA	64" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	9,025.89	108.18
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0263	EA	72" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	9,656.00	113.88
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0264	EA	80" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	10,315.04	113.88
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0265	EA	84" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	10,624.38	113.88
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0266	EA	88" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	11,027.87	113.88
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0267		Rigid Impact Traffic Door Accessories *(08 38 19)*		
08 38 19 00-0268		Bumper Strips For Impact Traffic Doors *(08 38 19 00-0267)*		
		Note: Includes two bumpers per set.		
08 38 19 00-0269	SET	24" Wide, Bumper Strips For Impact Traffic Doors	294.37	45.55
08 38 19 00-0270	SET	30" Wide, Bumper Strips For Impact Traffic Doors	327.99	45.55
08 38 19 00-0271	SET	36" Wide, Bumper Strips For Impact Traffic Doors	354.89	45.55
08 38 19 00-0272	SET	48" Wide, Bumper Strips For Impact Traffic Doors	401.97	45.55
08 38 19 00-0273		Easy Spring Bumpers For Impact Traffic Doors *(08 38 19 00-0267)*		
		Note: Includes two bumpers per set.		
08 38 19 00-0274	SET	18" Height, Easy Spring Bumpers For Impact Traffic Doors	839.08	45.55
08 38 19 00-0275	SET	24" Height, Easy Spring Bumpers For Impact Traffic Doors	1,121.53	45.55
08 38 19 00-0276	SET	36" Height, Easy Spring Bumpers For Impact Traffic Doors	1,666.24	45.55
08 38 19 00-0277	SET	42" Height, Easy Spring Bumpers For Impact Traffic Doors	1,928.51	45.55
08 38 19 00-0278	SET	48" Height, Easy Spring Bumpers For Impact Traffic Doors	2,197.50	45.55
08 38 19 00-0279		Scuff Plates For Impact Traffic Doors *(08 38 19 00-0267)*		
		Note: Includes two 0.090" thermoplastic plates per set.		
08 38 19 00-0280		12" High, Scuff Plates For Impact Traffic Doors *(08 38 19 00-0279)*		
08 38 19 00-0281	SET	24" Wide x 12" High, Impact Traffic Door Scuff Plates	354.89	45.55
08 38 19 00-0282	SET	30" Wide x 12" High, Impact Traffic Door Scuff Plates	381.79	45.55
08 38 19 00-0283	SET	36" Wide x 12" High, Impact Traffic Door Scuff Plates	415.42	45.55
08 38 19 00-0284	SET	42" Wide x 12" High, Impact Traffic Door Scuff Plates	462.49	45.55
08 38 19 00-0285	SET	48" Wide x 12" High, Impact Traffic Door Scuff Plates	489.39	45.55
08 38 19 00-0286		24" High, Scuff Plates For Impact Traffic Doors *(08 38 19 00-0279)*		
08 38 19 00-0287	SET	24" Wide x 24" High, Impact Traffic Door Scuff Plates	489.39	45.55
08 38 19 00-0288	SET	30" Wide x 24" High, Impact Traffic Door Scuff Plates	610.44	45.55
08 38 19 00-0289	SET	36" Wide x 24" High, Impact Traffic Door Scuff Plates	677.69	45.55
08 38 19 00-0290	SET	42" Wide x 24" High, Impact Traffic Door Scuff Plates	771.83	45.55
08 38 19 00-0291	SET	48" Wide x 24" High, Impact Traffic Door Scuff Plates	832.36	45.55
08 38 19 00-0292		30" High, Scuff Plates For Impact Traffic Doors *(08 38 19 00-0279)*		
08 38 19 00-0293	SET	24" Wide x 30" High, Impact Traffic Door Scuff Plates	610.44	45.55
08 38 19 00-0294	SET	30" Wide x 30" High, Impact Traffic Door Scuff Plates	718.03	45.55
08 38 19 00-0295	SET	36" Wide x 30" High, Impact Traffic Door Scuff Plates	798.73	45.55
08 38 19 00-0296	SET	42" Wide x 30" High, Impact Traffic Door Scuff Plates	946.68	45.55
08 38 19 00-0297	SET	48" Wide x 30" High, Impact Traffic Door Scuff Plates	1,047.55	45.55
08 38 19 00-0298		36" High, Scuff Plates For Impact Traffic Doors *(08 38 19 00-0279)*		
08 38 19 00-0299	SET	24" Wide x 36" High, Impact Traffic Door Scuff Plates	677.69	45.55
08 38 19 00-0300	SET	30" Wide x 36" High, Impact Traffic Door Scuff Plates	798.73	45.55
08 38 19 00-0301	SET	36" Wide x 36" High, Impact Traffic Door Scuff Plates	933.23	45.55
08 38 19 00-0302	SET	42" Wide x 36" High, Impact Traffic Door Scuff Plates	1,007.20	45.55
08 38 19 00-0303	SET	48" Wide x 36" High, Impact Traffic Door Scuff Plates	1,121.53	45.55
08 38 19 00-0304		48" High, Scuff Plates For Impact Traffic Doors *(08 38 19 00-0279)*		
08 38 19 00-0305	SET	24" Wide x 48" High, Impact Traffic Door Scuff Plates	832.36	45.55
08 38 19 00-0306	SET	30" Wide x 48" High, Impact Traffic Door Scuff Plates	1,047.55	45.55
08 38 19 00-0307	SET	36" Wide x 48" High, Impact Traffic Door Scuff Plates	1,121.53	45.55
08 38 19 00-0308	SET	42" Wide x 48" High, Impact Traffic Door Scuff Plates	1,262.75	45.55
08 38 19 00-0309	SET	48" Wide x 48" High, Impact Traffic Door Scuff Plates	1,417.42	45.55
08 38 19 00-0310		Base Plates For Impact Traffic Doors *(08 38 19 00-0267)*		
		Note: Includes two base plates per set.		
08 38 19 00-0311		Galvanized, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0310)*		
08 38 19 00-0312		12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0311)*		
08 38 19 00-0313	SET	24" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	341.44	45.55
08 38 19 00-0314	SET	30" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	368.34	45.55
08 38 19 00-0315	SET	36" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	381.79	45.55

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0316	SET	42" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	442.32	45.55
08 38 19 00-0317	SET	48" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	469.22	45.55
08 38 19 00-0318		24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0311)*		
08 38 19 00-0319	SET	24" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	442.32	45.55
08 38 19 00-0320	SET	30" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	482.67	45.55
08 38 19 00-0321	SET	36" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	523.01	45.55
08 38 19 00-0322	SET	42" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	556.64	45.55
08 38 19 00-0323	SET	48" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	610.44	45.55
08 38 19 00-0324		30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0311)*		
08 38 19 00-0325	SET	24" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	509.56	45.55
08 38 19 00-0326	SET	30" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	543.19	45.55
08 38 19 00-0327	SET	36" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	623.89	45.55
08 38 19 00-0328	SET	42" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	711.31	45.55
08 38 19 00-0329	SET	48" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	751.66	45.55
08 38 19 00-0330		36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0311)*		
08 38 19 00-0331	SET	24" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	543.19	45.55
08 38 19 00-0332	SET	30" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	610.44	45.55
08 38 19 00-0333	SET	36" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	711.31	45.55
08 38 19 00-0334	SET	42" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	792.01	45.55
08 38 19 00-0335	SET	48" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	839.08	45.55
08 38 19 00-0336		48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0311)*		
08 38 19 00-0337	SET	24" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	697.86	45.55
08 38 19 00-0338	SET	30" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	792.01	45.55
08 38 19 00-0339	SET	36" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	919.78	45.55
08 38 19 00-0340	SET	42" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	980.30	45.55
08 38 19 00-0341	SET	48" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	1,061.00	45.55
08 38 19 00-0342		Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0310)*		
08 38 19 00-0343		12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0342)*		
08 38 19 00-0344	SET	24" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	462.49	45.55
08 38 19 00-0345	SET	30" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	489.39	45.55
08 38 19 00-0346	SET	36" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	570.09	45.55
08 38 19 00-0347	SET	42" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	610.44	45.55
08 38 19 00-0348	SET	48" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	724.76	45.55
08 38 19 00-0349		24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0342)*		
08 38 19 00-0350	SET	24" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	650.79	45.55
08 38 19 00-0351	SET	30" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	771.83	45.55
08 38 19 00-0352	SET	36" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	892.88	45.55
08 38 19 00-0353	SET	42" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,040.83	45.55
08 38 19 00-0354	SET	48" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,175.32	45.55
08 38 19 00-0355		30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0342)*		
08 38 19 00-0356	SET	24" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	744.93	45.55
08 38 19 00-0357	SET	30" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	906.33	45.55
08 38 19 00-0358	SET	36" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,054.28	45.55
08 38 19 00-0359	SET	42" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,208.95	45.55
08 38 19 00-0360	SET	48" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,390.52	45.55
08 38 19 00-0361		36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0342)*		
08 38 19 00-0362	SET	24" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	865.98	45.55
08 38 19 00-0363	SET	30" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,040.83	45.55
08 38 19 00-0364	SET	36" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,242.57	45.55
08 38 19 00-0365	SET	42" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,437.59	45.55
08 38 19 00-0366	SET	48" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,605.72	45.55
08 38 19 00-0367		48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0342)*		
08 38 19 00-0368	SET	24" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,081.18	45.55
08 38 19 00-0369	SET	30" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,498.12	45.55
08 38 19 00-0370	SET	36" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,605.72	45.55
08 38 19 00-0371	SET	42" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,928.51	45.55

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0372	SET	48" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	2,116.80	45.55
08 38 19 00-0373		One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0310)*		
08 38 19 00-0374		12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0373)*		
08 38 19 00-0375	SET	24" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	408.69	45.55
08 38 19 00-0376	SET	30" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	442.32	45.55
08 38 19 00-0377	SET	36" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	482.67	45.55
08 38 19 00-0378	SET	42" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	529.74	45.55
08 38 19 00-0379	SET	48" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	603.71	45.55
08 38 19 00-0380		24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0373)*		
08 38 19 00-0381	SET	24" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	556.64	45.55
08 38 19 00-0382	SET	30" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	637.34	45.55
08 38 19 00-0383	SET	36" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	718.03	45.55
08 38 19 00-0384	SET	42" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	805.46	45.55
08 38 19 00-0385	SET	48" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	906.33	45.55
08 38 19 00-0386		30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0373)*		
08 38 19 00-0387	SET	24" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	637.34	45.55
08 38 19 00-0388	SET	30" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	738.21	45.55
08 38 19 00-0389	SET	36" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	852.53	45.55
08 38 19 00-0390	SET	42" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	993.75	45.55
08 38 19 00-0391	SET	48" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,087.90	45.55
08 38 19 00-0392		36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0373)*		
08 38 19 00-0393	SET	24" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	718.03	45.55
08 38 19 00-0394	SET	30" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	852.53	45.55
08 38 19 00-0395	SET	36" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	993.75	45.55
08 38 19 00-0396	SET	42" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,134.98	45.55
08 38 19 00-0397	SET	48" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,235.85	45.55
08 38 19 00-0398		48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0373)*		
08 38 19 00-0399	SET	24" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	906.33	45.55
08 38 19 00-0400	SET	30" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,114.80	45.55
08 38 19 00-0401	SET	36" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,235.85	45.55
08 38 19 00-0402	SET	42" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,477.94	45.55
08 38 19 00-0403	SET	48" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,545.19	45.55
08 38 19 00-0404		Jamb Guards For Impact Traffic Doors *(08 38 19 00-0267)*		
08 38 19 00-0405	EA	3" x 9", Jamb Guard For Impact Traffic Doors	561.30	56.94
08 38 19 00-0406	EA	5" x 18", Jamb Guard For Impact Traffic Doors	763.05	56.94
08 38 19 00-0407	EA	5" x 18", Stainless Steel Jamb Guard For Impact Traffic Doors	1,502.78	56.94
08 38 19 00-0408		Other Impact Traffic Door Accessories *(08 38 19 00-0267)*		
08 38 19 00-0409	EA	Push Plate For Impact Traffic Doors	136.07	28.47
08 38 19 00-0410	EA	Pull Handle For Impact Traffic Doors	183.14	28.47
08 38 19 00-0411	EA	Deadbolt Lock For Impact Traffic Doors	472.31	28.47
08 38 19 00-0412	PR	Lock Hole Reinforcements For Impact Traffic Doors	593.36	28.47
08 38 19 00-0413	PR	Padlock Brackets For Impact Traffic Doors	230.22	28.47
08 38 19 00-0414		Impact Traffic Door Knock Down Frames *(08 38 19)*		
		Note: Frames are 16 gauge galvanized steel with reinforcement at hardware locations.		
08 38 19 00-0415		Single Door, Impact Traffic Door Knock Down Frames *(08 38 19 00-0414)*		
08 38 19 00-0416		84" Height, Single Door, Impact Traffic Door Knock Down Frames *(08 38 19 00-0415)*		
08 38 19 00-0417	EA	24" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,371.95	85.41
08 38 19 00-0418	EA	28" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,617.80	93.95
08 38 19 00-0419	EA	30" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,652.04	99.64
08 38 19 00-0420	EA	32" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,689.11	108.18
08 38 19 00-0421	EA	36" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,726.26	113.88
08 38 19 00-0422	EA	40" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,799.31	119.58
08 38 19 00-0423	EA	42" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,851.99	125.27
08 38 19 00-0424	EA	44" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,885.97	130.96

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0425		90" Height, Single Door, Impact Traffic Door Knock Down Frames *(08 38 19 00-0415)*		
08 38 19 00-0426	EA	24" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,401.94	85.41
08 38 19 00-0427	EA	28" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,653.51	93.95
08 38 19 00-0428	EA	30" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,688.37	99.64
08 38 19 00-0429	EA	32" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,725.93	108.18
08 38 19 00-0430	EA	36" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,763.72	113.88
08 38 19 00-0431	EA	40" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,838.31	119.58
08 38 19 00-0432	EA	42" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,892.00	125.27
08 38 19 00-0433	EA	44" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,926.59	130.96
08 38 19 00-0434		96" Height, Single Door, Impact Traffic Door Knock Down Frames *(08 38 19 00-0415)*		
08 38 19 00-0435	EA	24" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,441.82	85.41
08 38 19 00-0436	EA	28" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,700.99	93.95
08 38 19 00-0437	EA	30" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,736.59	99.64
08 38 19 00-0438	EA	32" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,763.02	108.18
08 38 19 00-0439	EA	36" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,813.48	113.88
08 38 19 00-0440	EA	40" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,877.31	119.58
08 38 19 00-0441	EA	42" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,945.19	125.27
08 38 19 00-0442	EA	44" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,983.48	128.11
08 38 19 00-0443		Double Door, Impact Traffic Door Knock Down Frames *(08 38 19 00-0414)*		
08 38 19 00-0444		84" Height, Double Door, Impact Traffic Door Knock Down Frames *(08 38 19 00-0443)*		
08 38 19 00-0445	EA	48" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,920.60	130.96
08 38 19 00-0446	EA	56" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,950.43	133.24
08 38 19 00-0447	EA	60" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,989.16	136.65
08 38 19 00-0448	EA	64" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	2,039.21	142.35
08 38 19 00-0449	EA	72" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	2,069.10	148.04
08 38 19 00-0450	EA	80" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	2,141.31	149.18
08 38 19 00-0451	EA	84" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	2,189.21	150.89
08 38 19 00-0452	EA	88" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	2,246.46	153.74
08 38 19 00-0453		90" Height, Double Door, Impact Traffic Door Knock Down Frames *(08 38 19 00-0443)*		
08 38 19 00-0454	EA	48" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,962.03	130.96
08 38 19 00-0455	EA	56" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,992.46	133.24
08 38 19 00-0456	EA	60" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	2,032.06	136.65
08 38 19 00-0457	EA	64" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	2,083.06	142.35
08 38 19 00-0458	EA	72" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	2,113.48	148.04
08 38 19 00-0459	EA	80" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	2,187.37	149.18
08 38 19 00-0460	EA	84" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	2,236.38	150.89
08 38 19 00-0461	EA	88" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	2,294.94	153.74
08 38 19 00-0462		96" Height, Double Door, Impact Traffic Door Knock Down Frames *(08 38 19 00-0443)*		
08 38 19 00-0463	EA	48" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	2,010.38	130.96
08 38 19 00-0464	EA	56" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	2,034.42	133.24
08 38 19 00-0465	EA	60" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	2,089.02	136.65
08 38 19 00-0466	EA	64" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	2,126.91	142.35
08 38 19 00-0467	EA	72" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	2,172.32	148.04
08 38 19 00-0468	EA	80" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	2,255.29	149.18
08 38 19 00-0469	EA	84" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	2,299.06	150.89
08 38 19 00-0470	EA	88" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	2,346.75	153.74

08 40 Entrances, Storefronts, and Curtain Walls *(08)*

08 42 Entrances *(08 40)*

08 42 13 Aluminum-Framed Entrances *(08 42)*

08 42 13 00-0001		Aluminum Framed Entrance Doors *(08 42 13)* Note: Includes frame, trim, necessary anchors, tempered glass, standard hardware (hinges, pull handle, push plate, threshold, door sweep) and prepared for panic device. Fixed doors mullion (on pairs). Excludes exit device and closer. See CSI section 08 71 11 00-2132 for exit device, 08 71 11 00-2283 for closer.		
08 42 13 00-0002	EA	3' x 7' x 1-3/4" Medium Stile, Clear Anodized Finish, Aluminum Framed Entrance Doors Note: Including Glazing, Trim And Hardware	5,041.17	787.26
		For Bronze Finish, Add	*428.56*	
		For Black Finish, Add	*1,230.85*	
		For 8' High Door, Add	*444.00*	
		For 10' High Door, Add	*965.22*	
		For 1" Insulated Glazing, Add	*164.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 42 13 00-0003	EA	3'-6" x 7' x 1-3/4" Medium Stile, Clear Anodized Finish, Aluminum Framed Entrance Doors Note: Including Glazing, Trim And Hardware	5,184.21	865.15
		For Bronze Finish, Add	*431.33*	
		For Black Finish, Add	*1,238.82*	
		For 8' High Door, Add	*446.88*	
		For 10' High Door, Add	*971.47*	
		For 1" Insulated Glazing, Add	*164.44*	
08 42 13 00-0004	PR	6' x 7' x 1-3/4" Medium Stile, Clear Anodized Finish, Aluminum Framed Entrance Doors Note: Including Glazing, Trim And Hardware	8,456.59	1,180.65
		For Bronze Finish, Add	*742.55*	
		For Black Finish, Add	*2,132.67*	
		For 8' High Door, Add	*769.31*	
		For 10' High Door, Add	*1,672.42*	
		For 1" Insulated Glazing, Add	*328.89*	
08 42 13 00-0005	PR	7' x 7' x 1-3/4" Medium Stile, Clear Anodized Finish, Aluminum Framed Entrance Doors Note: Including Glazing, Trim And Hardware	9,856.25	1,286.52
		For Bronze Finish, Add	*879.18*	
		For Black Finish, Add	*2,525.08*	
		For 8' High Door, Add	*910.87*	
		For 10' High Door, Add	*1,980.14*	
		For 1" Insulated Glazing, Add	*328.89*	
08 42 13 00-0006	EA	3' x 7' x 1-3/4" Wide Stile, Clear Anodized Finish, Aluminum Framed Entrance Doors Note: Including Glazing, Trim And Hardware	5,566.55	787.26
		For Bronze Finish, Add	*486.87*	
		For Black Finish, Add	*1,398.34*	
		For 8' High Door, Add	*504.42*	
		For 10' High Door, Add	*1,096.56*	
		For 1" Insulated Glazing, Add	*164.44*	
08 42 13 00-0007	EA	3'-6" x 7' x 1-3/4" Wide Stile, Clear Anodized Finish, Aluminum Framed Entrance Doors Note: Including Glazing, Trim And Hardware	5,742.11	865.15
		For Bronze Finish, Add	*493.26*	
		For Black Finish, Add	*1,416.68*	
		For 8' High Door, Add	*511.04*	
		For 10' High Door, Add	*1,110.95*	
		For 1" Insulated Glazing, Add	*164.44*	
08 42 13 00-0008	PR	6' x 7' x 1-3/4" Wide Stile, Clear Anodized Finish, Aluminum Framed Entrance Doors Note: Including Glazing, Trim And Hardware	9,449.81	1,180.65
		For Bronze Finish, Add	*852.80*	
		For Black Finish, Add	*2,449.31*	
		For 8' High Door, Add	*883.53*	
		For 10' High Door, Add	*1,920.73*	
		For 1" Insulated Glazing, Add	*328.89*	
08 42 13 00-0009	PR	7' x 7' x 1-3/4" Wide Stile, Clear Anodized Finish, Aluminum Framed Entrance Doors Note: Including Glazing, Trim And Hardware	10,820.47	1,286.52
		For Bronze Finish, Add	*986.21*	
		For Black Finish, Add	*2,832.47*	
		For 8' High Door, Add	*1,021.75*	
		For 10' High Door, Add	*2,221.20*	
		For 1" Insulated Glazing, Add	*328.89*	

08 42 29 Automatic Entrances *(08 42)*

08 42 29 33 Swinging Automatic Entrances *(08 42 29)*

Note: Excludes glazing.

08 42 29 33-0001 Swing Door Operators, Up To 350 Lb. Panel Weight *(08 42 29 33)*

Note: Includes electro-mechanical swinging door operator and electrical controls, aluminum header, connecting hardware, actuating controls, and on/off/hold open switch. Excludes activation device, doors, and power connection. Stanley Magic Force or equal.

08 42 29 33-0002	EA	Concealed Single Door Swing Door Operator, Up To 350 Lb. Panel Note: For new storefront or existing concealed operator installations.	4,610.91	641.48
08 42 29 33-0003	EA	Concealed Pair Of Doors Swing Door Operator, Up To 350 Lb. Panel Note: For new storefront or existing concealed operator installations.	7,939.65	855.35
08 42 29 33-0004	EA	Exposed Single Door Swing Door Operator, Up To 350 Lb. Panel	3,834.93	513.18
08 42 29 33-0005	EA	Exposed Pair Of Doors Swing Door Operator, Up To 350 Lb. Panel	6,899.40	769.78

08 42 29 33-0006 Activation Devices For Door Operators *(08 42 29 33)*

08 42 29 33-0007	EA	Overhead Active Infrared Presence Detector For Door Operators (MS Sedco DH97) Note: Includes wiring harness and relays.	455.42	51.32
08 42 29 33-0008	EA	On Door Active Infrared Presence Detector For Door Operator (Stanley Sentrex RS) Note: Includes wiring harness and relays.	405.41	51.32
08 42 29 33-0009	EA	Microwave Motion Sensor For Door Operator (MS Sedco D38) Note: Includes wiring harness and relays.	409.40	51.32
08 42 29 33-0010	EA	4" x 4", Americans With Disabilities Act Compliant Push Button For Door Operator (MS Sedco 59-H) Note: Excludes wiring from operator to push plate.	211.15	51.32
08 42 29 33-0011	EA	1-1/2" x 4", Americans With Disabilities Act Compliant Push Button For Door Operator (MS Sedco 59J-H) Note: Excludes wiring from operator to push button.	226.91	51.32
08 42 29 33-0012	EA	1-11/16" x 4-1/2", Jamb Mounted Push Button For Door Operator (MS Sedco 425) Note: Excludes wiring from operator to push button.	146.56	51.32
08 42 29 33-0013	EA	Radio Control System For Door Operator (MS Sedco Clearpath) Note: Includes receiver and two push plate transmitters.	720.80	128.30
		For Single Transmitter (Includes Receiver, One Push Plate Transmitter, And One Jamb Mounted Push Button), Deduct	*-64.00*	
08 42 29 33-0014	EA	Combination Digital Camera/Motion Detector For Door Operators (Stanley StanVision) Note: Includes wiring harness and relays.	973.11	64.14

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 42 29 33-0015	EA	Guard Rail For Door With Operator	270.85	64.14

08 44 Curtain Wall and Glazed Assemblies *(08 40)*

08 44 13 Glazed Aluminum Curtain Walls *(08 44)*

08 44 13 00-0001 Curtain Walls *(08 44 13)*

08 44 13 00-0002 Coping Sections *(08 44 13 00-0001)*

08 44 13 00-0003	LF	Curtain Wall, 1/8" x 8" Coping Section Shaped (3") Aluminum System Framing Section	71.70	3.54
		For Bronze Anodized Aluminum, Add	*7.65*	
		For Stainless Steel, Add	*31.63*	
		For Black Anodized Finish, Add	*13.77*	
08 44 13 00-0004	LF	Curtain Wall, 1/8" x 9" Coping Section Shaped (4") Aluminum System Framing Section	74.42	3.54
		For Bronze Anodized Aluminum, Add	*8.06*	
		For Stainless Steel, Add	*33.26*	
		For Black Anodized Finish, Add	*14.50*	
08 44 13 00-0005	LF	Curtain Wall, 1/8" x 12-1/2" Coping Section Shaped (5-1/2") Aluminum Framing Section	89.54	4.72
		For Bronze Anodized Aluminum, Add	*9.56*	
		For Stainless Steel, Add	*39.53*	
		For Black Anodized Finish, Add	*17.21*	

08 44 13 00-0006 Sill Section *(08 44 13 00-0001)*

08 44 13 00-0007	LF	Aluminum Curtain Wall, 1/8" x 6" Sill Section Shaped Aluminum System Framing Section	60.24	2.36
		For Bronze Anodized Aluminum, Add	*6.85*	
		For Stainless Steel, Add	*28.13*	
		For Black Anodized Finish, Add	*12.33*	
08 44 13 00-0008	LF	Aluminum Curtain Wall, 1/8" x 7" Sill Section Shaped Aluminum System Framing Section	65.12	2.36
		For Bronze Anodized Aluminum, Add	*7.58*	
		For Stainless Steel, Add	*31.06*	
		For Black Anodized Finish, Add	*13.65*	
08 44 13 00-0009	LF	Aluminum Curtain Wall, 1/8" x 8-1/2" Sill Section Shaped Aluminum System Framing Section	70.06	2.36
		For Bronze Anodized Aluminum, Add	*8.32*	
		For Stainless Steel, Add	*34.02*	
		For Black Anodized Finish, Add	*14.98*	

08 44 13 00-0010 Aluminum Column Covers *(08 44 13 00-0001)*

Note: Includes all clips and fasteners.

08 44 13 00-0011	LF	Aluminum Column Covers, 1/8" x 26", Shaped	144.64	5.90
		For Bronze Anodized Aluminum, Add	*16.71*	
		For Stainless Steel, Add	*68.50*	
		For Black Anodized Finish, Add	*30.08*	
08 44 13 00-0012	LF	Aluminum Column Covers, 1/8" x 34", Shaped	177.44	5.90
		For Bronze Anodized Aluminum, Add	*21.33*	
		For Stainless Steel, Add	*87.09*	
		For Black Anodized Finish, Add	*38.40*	
08 44 13 00-0013	LF	Aluminum Column Covers, 1/8" x 38", Shaped	190.05	5.90
		For Bronze Anodized Aluminum, Add	*23.22*	
		For Stainless Steel, Add	*94.65*	
		For Black Anodized Finish, Add	*41.80*	

08 44 13 00-0014 Spandrel Covers *(08 44 13 00-0001)*

Note: Where exterior facing only is described in the following the interior face will be tempered hardboard (to be painted).

08 44 13 00-0015	SF	1" Spandrel Cover, Aluminum Both Faces	58.23	2.36
		For Bronze Anodized Aluminum, Add	*7.25*	
		For Stainless Steel, Add	*29.48*	
		For Black Anodized Finish, Add	*13.04*	
08 44 13 00-0016	SF	1" Spandrel Cover, Aluminum Exterior Face	51.06	2.36
		For Bronze Anodized Aluminum, Add	*6.17*	
		For Stainless Steel, Add	*25.18*	
		For Black Anodized Finish, Add	*11.11*	
08 44 13 00-0017	SF	1" Spandrel Cover, Epoxy Both Faces	110.41	2.36
		For Bronze Anodized Aluminum, Add	*15.07*	
		For Stainless Steel, Add	*60.79*	
		For Black Anodized Finish, Add	*27.13*	
08 44 13 00-0018	SF	1" Spandrel Cover, Epoxy Exterior Face Only	90.20	2.36
		For Bronze Anodized Aluminum, Add	*12.04*	
		For Stainless Steel, Add	*48.66*	
		For Black Anodized Finish, Add	*21.68*	
08 44 13 00-0019	SF	2" Spandrel Cover, Aluminum Both Faces	65.48	2.36
		For Bronze Anodized Aluminum, Add	*7.95*	
		For Stainless Steel, Add	*32.42*	
		For Black Anodized Finish, Add	*14.31*	
08 44 13 00-0020	SF	2" Spandrel Cover, Aluminum Exterior Face	58.70	2.36
		For Bronze Anodized Aluminum, Add	*6.93*	
		For Stainless Steel, Add	*28.35*	
		For Black Anodized Finish, Add	*12.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 44 13 00-0021	SF	2" Spandrel Cover, Epoxy Both Faces	126.22	2.36
		For Bronze Anodized Aluminum, Add	*17.06*	
		For Stainless Steel, Add	*68.86*	
		For Black Anodized Finish, Add	*30.71*	
08 44 13 00-0022	SF	2" Spandrel Cover, Epoxy Exterior Face Only	102.90	2.36
		For Bronze Anodized Aluminum, Add	*13.56*	
		For Stainless Steel, Add	*54.87*	
		For Black Anodized Finish, Add	*24.41*	
08 44 13 00-0023		Curtain Wall, Aluminum System Framing Sections *(08 44 13 00-0001)*		
		Note: The prices are based on stock shapes of anodized aluminum, plain color and of 0.125" thickness.		
08 44 13 00-0024	LF	Aluminum System Curtain Wall, 1-1/2" x 3" Jamb Aluminum Framed Window Walls	86.80	2.36
		For Bronze Anodized Aluminum, Add	*11.62*	
		For Stainless Steel, Add	*46.93*	
		For Black Anodized Finish, Add	*20.91*	
08 44 13 00-0025	LF	Aluminum System Curtain Wall, 1-1/2" x 3" Head Aluminum Framed Window Walls	86.62	2.36
		For Bronze Anodized Aluminum, Add	*11.62*	
		For Stainless Steel, Add	*46.92*	
		For Black Anodized Finish, Add	*20.91*	
08 44 13 00-0026	LF	Aluminum System Curtain Wall, 1-1/2" x 3" Mullion Aluminum Framed Window Walls	86.62	2.36
		For Bronze Anodized Aluminum, Add	*11.62*	
		For Stainless Steel, Add	*46.92*	
		For Black Anodized Finish, Add	*20.91*	
		For Corner Mullion, Add	*20.74*	
08 44 13 00-0027	LF	Aluminum System Curtain Wall, 2" x 4" Jamb Aluminum Framed Window Walls	106.70	4.72
		For Bronze Anodized Aluminum, Add	*13.88*	
		For Stainless Steel, Add	*56.23*	
		For Black Anodized Finish, Add	*24.98*	
08 44 13 00-0028	LF	Aluminum System Curtain Wall, 2" x 4" Horizontal Aluminum Framed Window Walls	106.70	4.72
		For Bronze Anodized Aluminum, Add	*13.88*	
		For Stainless Steel, Add	*56.23*	
		For Black Anodized Finish, Add	*24.98*	
08 44 13 00-0029	LF	Aluminum System Curtain Wall, 2" x 4" Mullion Aluminum Framed Window Walls	106.70	4.72
		For Bronze Anodized Aluminum, Add	*13.88*	
		For Stainless Steel, Add	*56.23*	
		For Black Anodized Finish, Add	*24.98*	
		For Corner Mullion, Add	*25.26*	
08 44 13 00-0030	LF	Aluminum System Curtain Wall, 2" x 6" Jamb Aluminum Framed Window Walls	117.15	5.20
		For Bronze Anodized Aluminum, Add	*15.21*	
		For Stainless Steel, Add	*61.63*	
		For Black Anodized Finish, Add	*27.38*	
08 44 13 00-0031	LF	Aluminum System Curtain Wall, 2" x 6" Horizontal Aluminum Framed Window Walls	117.15	5.20
		For Bronze Anodized Aluminum, Add	*15.21*	
		For Stainless Steel, Add	*61.63*	
		For Black Anodized Finish, Add	*27.38*	
08 44 13 00-0032	LF	Aluminum System Curtain Wall, 2" x 6" Mullion Aluminum Framed Window Walls	117.15	5.20
		For Bronze Anodized Aluminum, Add	*15.21*	
		For Stainless Steel, Add	*61.63*	
		For Black Anodized Finish, Add	*27.38*	
		For Corner Mullion, Add	*27.71*	
08 44 13 00-0033	LF	Aluminum System Curtain Wall, 3" x 5-1/2" Jamb Aluminum Framed Window Walls	127.83	5.90
		For Bronze Anodized Aluminum, Add	*16.55*	
		For Stainless Steel, Add	*67.08*	
		For Black Anodized Finish, Add	*29.79*	
08 44 13 00-0034	LF	Aluminum System Curtain Wall, 3" x 5-1/2" Horizontal Aluminum Framed Window Walls	127.83	5.90
		For Bronze Anodized Aluminum, Add	*16.55*	
		For Stainless Steel, Add	*67.08*	
		For Black Anodized Finish, Add	*29.79*	
08 44 13 00-0035	LF	Aluminum System Curtain Wall, 3" x 5-1/2" Mullion Aluminum Framed Window Walls	127.83	5.90
		For Bronze Anodized Aluminum, Add	*16.55*	
		For Stainless Steel, Add	*67.08*	
		For Black Anodized Finish, Add	*29.79*	
		For Corner Mullion, Add	*30.21*	
08 44 13 00-0036	LF	Aluminum System Curtain Wall, 3" x 6-3/4" Jamb Aluminum Framed Window Walls	143.53	6.37
		For Bronze Anodized Aluminum, Add	*18.67*	
		For Stainless Steel, Add	*75.62*	
		For Black Anodized Finish, Add	*33.60*	
08 44 13 00-0037	LF	Aluminum System Curtain Wall, 3" x 6-3/4" Horizontal Aluminum Framed Window Walls	143.53	6.37
		For Bronze Anodized Aluminum, Add	*18.67*	
		For Stainless Steel, Add	*75.62*	
		For Black Anodized Finish, Add	*33.60*	
08 44 13 00-0038	LF	Aluminum System Curtain Wall, 3" x 6-3/4" Mullion Aluminum Framed Window Walls	143.53	6.37
		For Bronze Anodized Aluminum, Add	*18.67*	
		For Stainless Steel, Add	*75.62*	
		For Black Anodized Finish, Add	*33.60*	
		For Corner Mullion, Add	*33.97*	
08 44 13 00-0039	LF	Aluminum System Curtain Wall, 3" x 8-3/4" Jamb Aluminum Framed Window Walls	164.77	7.08
		For Bronze Anodized Aluminum, Add	*21.43*	
		For Stainless Steel, Add	*86.82*	
		For Black Anodized Finish, Add	*38.57*	
08 44 13 00-0040	LF	Aluminum System Curtain Wall, 3" x 8-3/4" Horizontal Aluminum Framed Window Walls	164.77	7.08
		For Bronze Anodized Aluminum, Add	*21.43*	
		For Stainless Steel, Add	*86.82*	
		For Black Anodized Finish, Add	*38.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 44 13 00-0041	LF	Aluminum System Curtain Wall, 3" x 8-3/4" Mullion Aluminum Framed Window Walls	164.77	7.08
		For Bronze Anodized Aluminum, Add	*21.43*	
		For Stainless Steel, Add	*86.82*	
		For Black Anodized Finish, Add	*38.57*	
		For Corner Mullion, Add	*39.00*	

08 45 Translucent Wall and Roof Assemblies *(08 40)*

08 45 23 Fiberglass-Sandwich-Panel Assemblies *(08 45)*

08 45 23 00-0001 Translucent Fiberglass Sandwich-Panels 2-3/4" Thick *(08 45 23)*

08 45 23 00-0002	SF	<5,000 SF Translucent Fiberglass Sandwich-Panel 2-3/4" Thick, Metal Framed	139.18	6.36
		For Aluminum Frame, Add	*12.96*	
08 45 23 00-0003	SF	>5,000 SF Translucent Fiberglass Sandwich-Panel 2-3/4" Thick, Metal Framed	127.55	5.42
		For Aluminum Frame, Add	*11.94*	

08 50 Windows *(08)*

Note: Includes hardware, caulk, sealant and mounting anchors. Operable windows include weather stripping. Demolition includes removal of frame, glass and insect screens.

08 52 Wood Windows *(08 50)*

08 52 11 Wood Windows *(08 52)*

08 52 11 00-0001 Sash-Only Replacement Kits For Double Hung Wood Windows *(08 52 11)*

Note: Includes demo of the existing sashes and jamb liners. Includes two sashes, jamb liners, insulated glass and all hardware needed for installation. Includes primed pine wood interior and exterior. Excludes window frame, trim, insect screens and grilles.

08 52 11 00-0002 30" Height, Sash-Only Replacement Kits For Double Hung Wood Windows *(08 52 11 00-0001)*

08 52 11 00-0003	EA	20" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	348.75	
		For Low-E Insulated Glass, Add	*29.63*	
		For Aluminum Clad Exterior, Add	*31.75*	
08 52 11 00-0004	EA	24" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	370.36	
		For Low-E Insulated Glass, Add	*31.76*	
		For Aluminum Clad Exterior, Add	*34.03*	
08 52 11 00-0005	EA	28" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	393.48	
		For Low-E Insulated Glass, Add	*34.11*	
		For Aluminum Clad Exterior, Add	*36.54*	
08 52 11 00-0006	EA	30" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	405.81	
		For Low-E Insulated Glass, Add	*35.39*	
		For Aluminum Clad Exterior, Add	*37.91*	
08 52 11 00-0007	EA	32" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	416.61	
		For Low-E Insulated Glass, Add	*36.45*	
		For Aluminum Clad Exterior, Add	*39.06*	
08 52 11 00-0008	EA	34" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	430.46	
		For Low-E Insulated Glass, Add	*37.94*	
		For Aluminum Clad Exterior, Add	*40.65*	
08 52 11 00-0009	EA	36" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	436.74	
		For Low-E Insulated Glass, Add	*38.38*	
		For Aluminum Clad Exterior, Add	*41.12*	
08 52 11 00-0010	EA	40" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	464.39	
		For Low-E Insulated Glass, Add	*41.35*	
		For Aluminum Clad Exterior, Add	*44.31*	
08 52 11 00-0011	EA	44" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	487.51	
		For Low-E Insulated Glass, Add	*43.70*	
		For Aluminum Clad Exterior, Add	*46.82*	

08 52 11 00-0012 34" Height, Sash-Only Replacement Kits For Double Hung Wood Windows *(08 52 11 00-0001)*

08 52 11 00-0013	EA	20" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	370.36	
		For Low-E Insulated Glass, Add	*31.76*	
		For Aluminum Clad Exterior, Add	*34.03*	
08 52 11 00-0014	EA	24" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	393.48	
		For Low-E Insulated Glass, Add	*34.11*	
		For Aluminum Clad Exterior, Add	*36.54*	
08 52 11 00-0015	EA	28" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	413.42	
		For Low-E Insulated Glass, Add	*36.45*	
		For Aluminum Clad Exterior, Add	*39.06*	
08 52 11 00-0016	EA	30" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	430.46	
		For Low-E Insulated Glass, Add	*37.94*	
		For Aluminum Clad Exterior, Add	*40.65*	
08 52 11 00-0017	EA	32" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	441.26	
		For Low-E Insulated Glass, Add	*39.01*	
		For Aluminum Clad Exterior, Add	*41.80*	
08 52 11 00-0018	EA	34" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	453.59	
		For Low-E Insulated Glass, Add	*40.29*	
		For Aluminum Clad Exterior, Add	*43.17*	
08 52 11 00-0019	EA	36" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	464.39	
		For Low-E Insulated Glass, Add	*41.35*	
		For Aluminum Clad Exterior, Add	*44.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 11 00-0020	EA	40" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	487.51	
		For Low-E Insulated Glass, Add	*43.70*	
		For Aluminum Clad Exterior, Add	*46.82*	
08 52 11 00-0021	EA	44" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	510.64	
		For Low-E Insulated Glass, Add	*46.04*	
		For Aluminum Clad Exterior, Add	*49.33*	
08 52 11 00-0022		36" Height, Sash-Only Replacement Kits For Double Hung Wood Windows		
		(08 52 11 00-0001)		
08 52 11 00-0023	EA	20" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	381.09	
		For Low-E Insulated Glass, Add	*33.04*	
		For Aluminum Clad Exterior, Add	*35.40*	
08 52 11 00-0024	EA	24" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	404.22	
		For Low-E Insulated Glass, Add	*35.39*	
		For Aluminum Clad Exterior, Add	*37.91*	
08 52 11 00-0025	EA	28" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	428.87	
		For Low-E Insulated Glass, Add	*37.94*	
		For Aluminum Clad Exterior, Add	*40.65*	
08 52 11 00-0026	EA	30" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	439.67	
		For Low-E Insulated Glass, Add	*39.01*	
		For Aluminum Clad Exterior, Add	*41.80*	
08 52 11 00-0027	EA	32" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	452.00	
		For Low-E Insulated Glass, Add	*40.29*	
		For Aluminum Clad Exterior, Add	*43.17*	
08 52 11 00-0028	EA	34" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	462.79	
		For Low-E Insulated Glass, Add	*41.35*	
		For Aluminum Clad Exterior, Add	*44.31*	
08 52 11 00-0029	EA	36" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	475.11	
		For Low-E Insulated Glass, Add	*42.63*	
		For Aluminum Clad Exterior, Add	*45.68*	
08 52 11 00-0030	EA	40" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	496.71	
		For Low-E Insulated Glass, Add	*44.77*	
		For Aluminum Clad Exterior, Add	*47.96*	
08 52 11 00-0031	EA	44" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	519.85	
		For Low-E Insulated Glass, Add	*47.11*	
		For Aluminum Clad Exterior, Add	*50.48*	
08 52 11 00-0032		38" Height, Sash-Only Replacement Kits For Double Hung Wood Windows		
		(08 52 11 00-0001)		
08 52 11 00-0033	EA	20" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	395.08	
		For Low-E Insulated Glass, Add	*34.11*	
		For Aluminum Clad Exterior, Add	*36.54*	
08 52 11 00-0034	EA	24" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	418.21	
		For Low-E Insulated Glass, Add	*36.45*	
		For Aluminum Clad Exterior, Add	*39.06*	
08 52 11 00-0035	EA	28" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	442.86	
		For Low-E Insulated Glass, Add	*39.01*	
		For Aluminum Clad Exterior, Add	*41.80*	
08 52 11 00-0036	EA	30" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	455.18	
		For Low-E Insulated Glass, Add	*40.29*	
		For Aluminum Clad Exterior, Add	*43.17*	
08 52 11 00-0037	EA	32" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	465.98	
		For Low-E Insulated Glass, Add	*41.35*	
		For Aluminum Clad Exterior, Add	*44.31*	
08 52 11 00-0038	EA	34" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	478.30	
		For Low-E Insulated Glass, Add	*42.63*	
		For Aluminum Clad Exterior, Add	*45.68*	
08 52 11 00-0039	EA	36" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	489.10	
		For Low-E Insulated Glass, Add	*43.70*	
		For Aluminum Clad Exterior, Add	*46.82*	
08 52 11 00-0040	EA	40" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	512.24	
		For Low-E Insulated Glass, Add	*46.04*	
		For Aluminum Clad Exterior, Add	*49.33*	
08 52 11 00-0041	EA	44" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	535.36	
		For Low-E Insulated Glass, Add	*48.39*	
		For Aluminum Clad Exterior, Add	*51.85*	
08 52 11 00-0042		46" Height, Sash-Only Replacement Kits For Double Hung Wood Windows		
		(08 52 11 00-0001)		
08 52 11 00-0043	EA	20" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	441.26	
		For Low-E Insulated Glass, Add	*39.01*	
		For Aluminum Clad Exterior, Add	*41.80*	
08 52 11 00-0044	EA	24" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	464.39	
		For Low-E Insulated Glass, Add	*41.35*	
		For Aluminum Clad Exterior, Add	*44.31*	
08 52 11 00-0045	EA	28" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	487.51	
		For Low-E Insulated Glass, Add	*43.70*	
		For Aluminum Clad Exterior, Add	*46.82*	
08 52 11 00-0046	EA	30" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	498.32	
		For Low-E Insulated Glass, Add	*44.77*	
		For Aluminum Clad Exterior, Add	*47.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 11 00-0047	EA	32" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	510.64	
		For Low-E Insulated Glass, Add	*46.04*	
		For Aluminum Clad Exterior, Add	*49.33*	
08 52 11 00-0048	EA	34" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	521.44	
		For Low-E Insulated Glass, Add	*47.11*	
		For Aluminum Clad Exterior, Add	*50.48*	
08 52 11 00-0049	EA	36" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	533.77	
		For Low-E Insulated Glass, Add	*48.39*	
		For Aluminum Clad Exterior, Add	*51.85*	
08 52 11 00-0050	EA	40" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	556.88	
		For Low-E Insulated Glass, Add	*50.73*	
		For Aluminum Clad Exterior, Add	*54.36*	
08 52 11 00-0051	EA	44" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	581.55	
		For Low-E Insulated Glass, Add	*53.29*	
		For Aluminum Clad Exterior, Add	*57.10*	

08 52 11 00-0052 48" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

(08 52 11 00-0001)

08 52 11 00-0053	EA	20" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	452.00	
		For Low-E Insulated Glass, Add	*40.29*	
		For Aluminum Clad Exterior, Add	*43.17*	
08 52 11 00-0054	EA	24" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	475.11	
		For Low-E Insulated Glass, Add	*42.63*	
		For Aluminum Clad Exterior, Add	*45.68*	
08 52 11 00-0055	EA	28" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	496.71	
		For Low-E Insulated Glass, Add	*44.77*	
		For Aluminum Clad Exterior, Add	*47.96*	
08 52 11 00-0056	EA	30" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	509.05	
		For Low-E Insulated Glass, Add	*46.04*	
		For Aluminum Clad Exterior, Add	*49.33*	
08 52 11 00-0057	EA	32" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	519.85	
		For Low-E Insulated Glass, Add	*47.11*	
		For Aluminum Clad Exterior, Add	*50.48*	
08 52 11 00-0058	EA	34" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	532.17	
		For Low-E Insulated Glass, Add	*48.39*	
		For Aluminum Clad Exterior, Add	*51.85*	
08 52 11 00-0059	EA	36" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	542.97	
		For Low-E Insulated Glass, Add	*49.46*	
		For Aluminum Clad Exterior, Add	*52.99*	
08 52 11 00-0060	EA	40" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	567.62	
		For Low-E Insulated Glass, Add	*52.01*	
		For Aluminum Clad Exterior, Add	*55.73*	
08 52 11 00-0061	EA	44" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	590.75	
		For Low-E Insulated Glass, Add	*54.36*	
		For Aluminum Clad Exterior, Add	*58.24*	

08 52 11 00-0062 50" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

(08 52 11 00-0001)

08 52 11 00-0063	EA	20" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	465.98	
		For Low-E Insulated Glass, Add	*41.35*	
		For Aluminum Clad Exterior, Add	*44.31*	
08 52 11 00-0064	EA	24" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	489.10	
		For Low-E Insulated Glass, Add	*43.70*	
		For Aluminum Clad Exterior, Add	*46.82*	
08 52 11 00-0065	EA	28" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	512.24	
		For Low-E Insulated Glass, Add	*46.04*	
		For Aluminum Clad Exterior, Add	*49.33*	
08 52 11 00-0066	EA	30" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	523.03	
		For Low-E Insulated Glass, Add	*47.11*	
		For Aluminum Clad Exterior, Add	*50.48*	
08 52 11 00-0067	EA	32" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	535.36	
		For Low-E Insulated Glass, Add	*48.39*	
		For Aluminum Clad Exterior, Add	*51.85*	
08 52 11 00-0068	EA	34" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	546.16	
		For Low-E Insulated Glass, Add	*49.46*	
		For Aluminum Clad Exterior, Add	*52.99*	
08 52 11 00-0069	EA	36" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	558.48	
		For Low-E Insulated Glass, Add	*50.73*	
		For Aluminum Clad Exterior, Add	*54.36*	
08 52 11 00-0070	EA	40" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	583.14	
		For Low-E Insulated Glass, Add	*53.29*	
		For Aluminum Clad Exterior, Add	*57.10*	
08 52 11 00-0071	EA	44" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	606.25	
		For Low-E Insulated Glass, Add	*55.64*	
		For Aluminum Clad Exterior, Add	*59.61*	

08 52 11 00-0072 54" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

(08 52 11 00-0001)

08 52 11 00-0073	EA	20" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	489.10	
		For Low-E Insulated Glass, Add	*43.70*	
		For Aluminum Clad Exterior, Add	*46.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 11 00-0074	EA	24" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	512.24	
		For Low-E Insulated Glass, Add	*46.04*	
		For Aluminum Clad Exterior, Add	*49.33*	
08 52 11 00-0075	EA	28" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	535.36	
		For Low-E Insulated Glass, Add	*48.39*	
		For Aluminum Clad Exterior, Add	*51.85*	
08 52 11 00-0076	EA	30" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	546.16	
		For Low-E Insulated Glass, Add	*49.46*	
		For Aluminum Clad Exterior, Add	*52.99*	
08 52 11 00-0077	EA	32" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	558.48	
		For Low-E Insulated Glass, Add	*50.73*	
		For Aluminum Clad Exterior, Add	*54.36*	
08 52 11 00-0078	EA	34" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	570.81	
		For Low-E Insulated Glass, Add	*52.01*	
		For Aluminum Clad Exterior, Add	*55.73*	
08 52 11 00-0079	EA	36" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	583.14	
		For Low-E Insulated Glass, Add	*53.29*	
		For Aluminum Clad Exterior, Add	*57.10*	
08 52 11 00-0080	EA	40" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	606.25	
		For Low-E Insulated Glass, Add	*55.64*	
		For Aluminum Clad Exterior, Add	*59.61*	
08 52 11 00-0081	EA	44" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	629.38	
		For Low-E Insulated Glass, Add	*57.98*	
		For Aluminum Clad Exterior, Add	*62.12*	

08 52 11 00-0082 58" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

(08 52 11 00-0001)

08 52 11 00-0083	EA	20" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	510.64	
		For Low-E Insulated Glass, Add	*46.04*	
		For Aluminum Clad Exterior, Add	*49.33*	
08 52 11 00-0084	EA	24" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	533.77	
		For Low-E Insulated Glass, Add	*48.39*	
		For Aluminum Clad Exterior, Add	*51.85*	
08 52 11 00-0085	EA	28" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	556.88	
		For Low-E Insulated Glass, Add	*50.73*	
		For Aluminum Clad Exterior, Add	*54.36*	
08 52 11 00-0086	EA	30" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	569.21	
		For Low-E Insulated Glass, Add	*52.01*	
		For Aluminum Clad Exterior, Add	*55.73*	
08 52 11 00-0087	EA	32" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	581.55	
		For Low-E Insulated Glass, Add	*53.29*	
		For Aluminum Clad Exterior, Add	*57.10*	
08 52 11 00-0088	EA	34" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	592.34	
		For Low-E Insulated Glass, Add	*54.36*	
		For Aluminum Clad Exterior, Add	*58.24*	
08 52 11 00-0089	EA	36" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	604.66	
		For Low-E Insulated Glass, Add	*55.64*	
		For Aluminum Clad Exterior, Add	*59.61*	
08 52 11 00-0090	EA	40" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	627.79	
		For Low-E Insulated Glass, Add	*57.98*	
		For Aluminum Clad Exterior, Add	*62.12*	
08 52 11 00-0091	EA	44" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	649.40	
		For Low-E Insulated Glass, Add	*60.11*	
		For Aluminum Clad Exterior, Add	*64.41*	

08 52 11 00-0092 60" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

(08 52 11 00-0001)

08 52 11 00-0093	EA	20" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	519.85	
		For Low-E Insulated Glass, Add	*47.11*	
		For Aluminum Clad Exterior, Add	*50.48*	
08 52 11 00-0094	EA	24" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	542.97	
		For Low-E Insulated Glass, Add	*49.46*	
		For Aluminum Clad Exterior, Add	*52.99*	
08 52 11 00-0095	EA	28" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	567.62	
		For Low-E Insulated Glass, Add	*52.01*	
		For Aluminum Clad Exterior, Add	*55.73*	
08 52 11 00-0096	EA	30" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	579.95	
		For Low-E Insulated Glass, Add	*53.29*	
		For Aluminum Clad Exterior, Add	*57.10*	
08 52 11 00-0097	EA	32" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	590.75	
		For Low-E Insulated Glass, Add	*54.36*	
		For Aluminum Clad Exterior, Add	*58.24*	
08 52 11 00-0098	EA	34" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	603.07	
		For Low-E Insulated Glass, Add	*55.64*	
		For Aluminum Clad Exterior, Add	*59.61*	
08 52 11 00-0099	EA	36" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	613.87	
		For Low-E Insulated Glass, Add	*56.70*	
		For Aluminum Clad Exterior, Add	*60.75*	
08 52 11 00-0100	EA	40" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	637.00	
		For Low-E Insulated Glass, Add	*59.05*	
		For Aluminum Clad Exterior, Add	*63.27*	
08 52 11 00-0101	EA	44" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	660.12	
		For Low-E Insulated Glass, Add	*61.39*	
		For Aluminum Clad Exterior, Add	*65.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 11 00-0102		62" Height, Sash-Only Replacement Kits For Double Hung Wood Windows *(08 52 11 00-0001)*		
08 52 11 00-0103	EA	20" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	535.36	
		For Low-E Insulated Glass, Add	*48.39*	
		For Aluminum Clad Exterior, Add	*51.85*	
08 52 11 00-0104	EA	24" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	558.48	
		For Low-E Insulated Glass, Add	*50.73*	
		For Aluminum Clad Exterior, Add	*54.36*	
08 52 11 00-0105	EA	28" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	583.14	
		For Low-E Insulated Glass, Add	*53.29*	
		For Aluminum Clad Exterior, Add	*57.10*	
08 52 11 00-0106	EA	30" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	593.94	
		For Low-E Insulated Glass, Add	*54.36*	
		For Aluminum Clad Exterior, Add	*58.24*	
08 52 11 00-0107	EA	32" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	606.25	
		For Low-E Insulated Glass, Add	*55.64*	
		For Aluminum Clad Exterior, Add	*59.61*	
08 52 11 00-0108	EA	34" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	617.06	
		For Low-E Insulated Glass, Add	*56.70*	
		For Aluminum Clad Exterior, Add	*60.75*	
08 52 11 00-0109	EA	36" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	629.38	
		For Low-E Insulated Glass, Add	*57.98*	
		For Aluminum Clad Exterior, Add	*62.12*	
08 52 11 00-0110	EA	40" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	650.99	
		For Low-E Insulated Glass, Add	*60.11*	
		For Aluminum Clad Exterior, Add	*64.41*	
08 52 11 00-0111	EA	44" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	674.12	
		For Low-E Insulated Glass, Add	*62.46*	
		For Aluminum Clad Exterior, Add	*66.92*	
08 52 11 00-0112		66" Height, Sash-Only Replacement Kits For Double Hung Wood Windows *(08 52 11 00-0001)*		
08 52 11 00-0113	EA	20" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	558.48	
		For Low-E Insulated Glass, Add	*50.73*	
		For Aluminum Clad Exterior, Add	*54.36*	
08 52 11 00-0114	EA	24" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	583.14	
		For Low-E Insulated Glass, Add	*53.29*	
		For Aluminum Clad Exterior, Add	*57.10*	
08 52 11 00-0115	EA	28" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	606.25	
		For Low-E Insulated Glass, Add	*55.64*	
		For Aluminum Clad Exterior, Add	*59.61*	
08 52 11 00-0116	EA	30" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	617.06	
		For Low-E Insulated Glass, Add	*56.70*	
		For Aluminum Clad Exterior, Add	*60.75*	
08 52 11 00-0117	EA	32" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	629.38	
		For Low-E Insulated Glass, Add	*57.98*	
		For Aluminum Clad Exterior, Add	*62.12*	
08 52 11 00-0118	EA	34" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	640.19	
		For Low-E Insulated Glass, Add	*59.05*	
		For Aluminum Clad Exterior, Add	*63.27*	
08 52 11 00-0119	EA	36" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	650.99	
		For Low-E Insulated Glass, Add	*60.11*	
		For Aluminum Clad Exterior, Add	*64.41*	
08 52 11 00-0120	EA	40" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	674.12	
		For Low-E Insulated Glass, Add	*62.46*	
		For Aluminum Clad Exterior, Add	*66.92*	
08 52 11 00-0121	EA	44" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	697.24	
		For Low-E Insulated Glass, Add	*64.80*	
		For Aluminum Clad Exterior, Add	*69.43*	
08 52 11 00-0122		70" Height, Sash-Only Replacement Kits For Double Hung Wood Windows *(08 52 11 00-0001)*		
08 52 11 00-0123	EA	20" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	581.55	
		For Low-E Insulated Glass, Add	*53.29*	
		For Aluminum Clad Exterior, Add	*57.10*	
08 52 11 00-0124	EA	24" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	604.66	
		For Low-E Insulated Glass, Add	*55.64*	
		For Aluminum Clad Exterior, Add	*59.61*	
08 52 11 00-0125	EA	28" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	627.79	
		For Low-E Insulated Glass, Add	*57.98*	
		For Aluminum Clad Exterior, Add	*62.12*	
08 52 11 00-0126	EA	30" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	638.59	
		For Low-E Insulated Glass, Add	*59.05*	
		For Aluminum Clad Exterior, Add	*63.27*	
08 52 11 00-0127	EA	32" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	649.40	
		For Low-E Insulated Glass, Add	*60.11*	
		For Aluminum Clad Exterior, Add	*64.41*	
08 52 11 00-0128	EA	34" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	666.24	
		For Low-E Insulated Glass, Add	*62.02*	
		For Aluminum Clad Exterior, Add	*66.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 11 00-0129	EA	36" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	674.11	
		For Low-E Insulated Glass, Add	*62.68*	
		For Aluminum Clad Exterior, Add	*67.16*	
08 52 11 00-0130	EA	40" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	695.65	
		For Low-E Insulated Glass, Add	*64.80*	
		For Aluminum Clad Exterior, Add	*69.43*	
08 52 11 00-0131	EA	44" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	720.29	
		For Low-E Insulated Glass, Add	*67.36*	
		For Aluminum Clad Exterior, Add	*72.17*	

08 52 11 00-0132 74" Height, Sash-Only Replacement Kits For Double Hung Wood Windows
(08 52 11 00-0001)

08 52 11 00-0133	EA	20" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	606.25	
		For Low-E Insulated Glass, Add	*55.64*	
		For Aluminum Clad Exterior, Add	*59.61*	
08 52 11 00-0134	EA	24" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	629.38	
		For Low-E Insulated Glass, Add	*57.98*	
		For Aluminum Clad Exterior, Add	*62.12*	
08 52 11 00-0135	EA	28" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	650.99	
		For Low-E Insulated Glass, Add	*60.11*	
		For Aluminum Clad Exterior, Add	*64.41*	
08 52 11 00-0136	EA	30" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	663.31	
		For Low-E Insulated Glass, Add	*61.39*	
		For Aluminum Clad Exterior, Add	*65.78*	
08 52 11 00-0137	EA	32" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	674.12	
		For Low-E Insulated Glass, Add	*62.46*	
		For Aluminum Clad Exterior, Add	*66.92*	
08 52 11 00-0138	EA	34" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	686.43	
		For Low-E Insulated Glass, Add	*63.74*	
		For Aluminum Clad Exterior, Add	*68.29*	
08 52 11 00-0139	EA	36" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	697.24	
		For Low-E Insulated Glass, Add	*64.80*	
		For Aluminum Clad Exterior, Add	*69.43*	
08 52 11 00-0140	EA	40" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	721.90	
		For Low-E Insulated Glass, Add	*67.36*	
		For Aluminum Clad Exterior, Add	*72.17*	
08 52 11 00-0141	EA	44" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	745.02	
		For Low-E Insulated Glass, Add	*69.71*	
		For Aluminum Clad Exterior, Add	*74.69*	

08 52 11 00-0142 78" Height, Sash-Only Replacement Kits For Double Hung Wood Windows
(08 52 11 00-0001)

08 52 11 00-0143	EA	20" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	635.76	
		For Low-E Insulated Glass, Add	*57.98*	
		For Aluminum Clad Exterior, Add	*62.12*	
08 52 11 00-0144	EA	24" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	657.37	
		For Low-E Insulated Glass, Add	*60.11*	
		For Aluminum Clad Exterior, Add	*64.41*	
08 52 11 00-0145	EA	28" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	680.49	
		For Low-E Insulated Glass, Add	*62.46*	
		For Aluminum Clad Exterior, Add	*66.92*	
08 52 11 00-0146	EA	30" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	692.81	
		For Low-E Insulated Glass, Add	*63.74*	
		For Aluminum Clad Exterior, Add	*68.29*	
08 52 11 00-0147	EA	32" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	703.63	
		For Low-E Insulated Glass, Add	*64.80*	
		For Aluminum Clad Exterior, Add	*69.43*	
08 52 11 00-0148	EA	34" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	715.94	
		For Low-E Insulated Glass, Add	*66.08*	
		For Aluminum Clad Exterior, Add	*70.80*	
08 52 11 00-0149	EA	36" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	728.27	
		For Low-E Insulated Glass, Add	*67.36*	
		For Aluminum Clad Exterior, Add	*72.17*	
08 52 11 00-0150	EA	40" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	751.39	
		For Low-E Insulated Glass, Add	*69.71*	
		For Aluminum Clad Exterior, Add	*74.69*	
08 52 11 00-0151	EA	44" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	774.52	
		For Low-E Insulated Glass, Add	*72.05*	
		For Aluminum Clad Exterior, Add	*77.20*	

08 52 11 00-0152 Commercial And Institutional Heavy Double Hung Windows *(08 52 11)*

Note: With true divided lites. Performance grade DP 40 in NWWDA I.S. 2-93. Includes complete unit with hardware, blocking and accessories, glazing, caulking, prepare opening, anchors, testing and certifications. Excludes painting.

08 52 11 00-0153	SF	Up To 21 SF Double Hung Wood Window With True Divided Lite	193.30	14.24
		For Insulating Glass, Add	*14.01*	
08 52 11 00-0154	SF	21 To 40 SF Double Hung Wood Window With True Divided Lite	179.22	15.83
		For Insulating Glass, Add	*12.55*	
08 52 11 00-0155	SF	40 SF And Over Double Hung Wood Window With True Divided Lite	165.47	17.77
		For Insulating Glass, Add	*11.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 11 00-0156		Architectural And Historic Reproduction Wood Windows *(08 52 11)* Note: Fixed casement, awning, and double hung. With true divided lites. Casement performance grade DP 40; awning performance grade DP 25; double hung performance grade DP 30. Includes complete unit with hardware, blocking and accessories, glazing, caulking, prepare opening, anchors, testing and certifications. Excludes painting.		
08 52 11 00-0157	SF	Up To 21 SF Architectural And Historic Reproduction Wood Window	210.69	14.23
		For Insulating Glass, Add	*15.49*	
08 52 11 00-0158	SF	21 To 40 SF Architectural And Historic Reproduction Wood Window	188.61	15.82
		For Insulating Glass, Add	*13.34*	
08 52 11 00-0159	SF	40 SF And Over Architectural And Historic Reproduction Wood Window	170.97	17.76
		For Insulating Glass, Add	*11.51*	
08 52 11 00-0160		Removal And Reinstallation Of Wood Window And Frame *(08 52 11)* Note: Includes storage, cleaning and supply materials.		
08 52 11 00-0161	SF	Removal And Reinstallation Of Wood Windows And Frames	27.72	
08 52 16		**Plastic-Clad Wood Windows** *(08 52)*		
08 52 16 00-0001		Double Hung Wood Clad Windows *(08 52 16)* Note: Double hung windows feature two movable sashes that operate vertically and open independently.		
08 52 16 00-0002		Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0001)* Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0003		35-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0002)*		
08 52 16 00-0004	EA	23-1/2" x 35-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	413.41	52.38
		For Low-E Insulated Glass, Add	*37.04*	
		For Tempered Clear Insulated Glass, Add	*61.73*	
08 52 16 00-0005	EA	27-1/2" x 35-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	437.99	54.66
		For Low-E Insulated Glass, Add	*39.44*	
		For Tempered Clear Insulated Glass, Add	*65.73*	
08 52 16 00-0006	EA	31-1/2" x 35-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	460.89	56.94
		For Low-E Insulated Glass, Add	*41.64*	
		For Tempered Clear Insulated Glass, Add	*69.40*	
08 52 16 00-0007	EA	35-1/2" x 35-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	483.79	59.22
		For Low-E Insulated Glass, Add	*43.84*	
		For Tempered Clear Insulated Glass, Add	*73.07*	
08 52 16 00-0008		41-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0002)*		
08 52 16 00-0009	EA	23-1/2" x 41-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	448.60	55.80
		For Low-E Insulated Glass, Add	*40.44*	
		For Tempered Clear Insulated Glass, Add	*67.40*	
08 52 16 00-0010	EA	27-1/2" x 41-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	473.17	58.08
		For Low-E Insulated Glass, Add	*42.84*	
		For Tempered Clear Insulated Glass, Add	*71.40*	
08 52 16 00-0011	EA	31-1/2" x 41-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	496.09	60.36
		For Low-E Insulated Glass, Add	*45.04*	
		For Tempered Clear Insulated Glass, Add	*75.07*	
08 52 16 00-0012	EA	35-1/2" x 41-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	518.99	62.63
		For Low-E Insulated Glass, Add	*47.25*	
		For Tempered Clear Insulated Glass, Add	*78.74*	
08 52 16 00-0013		47-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0002)*		
08 52 16 00-0014	EA	23-1/2" x 47-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	483.79	59.22
		For Low-E Insulated Glass, Add	*43.84*	
		For Tempered Clear Insulated Glass, Add	*73.07*	
08 52 16 00-0015	EA	27-1/2" x 47-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	506.70	61.50
		For Low-E Insulated Glass, Add	*46.05*	
		For Tempered Clear Insulated Glass, Add	*76.74*	
08 52 16 00-0016	EA	31-1/2" x 47-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	531.27	63.77
		For Low-E Insulated Glass, Add	*48.45*	
		For Tempered Clear Insulated Glass, Add	*80.75*	
08 52 16 00-0017	EA	35-1/2" x 47-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	554.18	66.05
		For Low-E Insulated Glass, Add	*50.65*	
		For Tempered Clear Insulated Glass, Add	*84.42*	
08 52 16 00-0018		53-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0002)*		
08 52 16 00-0019	EA	23-1/2" x 53-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	518.99	62.63
		For Low-E Insulated Glass, Add	*47.25*	
		For Tempered Clear Insulated Glass, Add	*78.74*	
08 52 16 00-0020	EA	27-1/2" x 53-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	541.90	64.91
		For Low-E Insulated Glass, Add	*49.45*	
		For Tempered Clear Insulated Glass, Add	*82.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0021	EA	31-1/2" x 53-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	564.80	67.19
		For Low-E Insulated Glass, Add	*51.65*	
		For Tempered Clear Insulated Glass, Add	*86.08*	
08 52 16 00-0022	EA	35-1/2" x 53-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	589.37	69.47
		For Low-E Insulated Glass, Add	*54.05*	
		For Tempered Clear Insulated Glass, Add	*90.09*	

08 52 16 00-0023 56-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0002)*

08 52 16 00-0024	EA	19-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	512.84	62.63
		For Low-E Insulated Glass, Add	*46.65*	
		For Tempered Clear Insulated Glass, Add	*77.74*	
08 52 16 00-0025	EA	23-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	535.75	64.34
		For Low-E Insulated Glass, Add	*48.85*	
		For Tempered Clear Insulated Glass, Add	*81.41*	
08 52 16 00-0026	EA	27-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	560.32	67.19
		For Low-E Insulated Glass, Add	*51.25*	
		For Tempered Clear Insulated Glass, Add	*85.42*	
08 52 16 00-0027	EA	31-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	583.23	69.47
		For Low-E Insulated Glass, Add	*53.45*	
		For Tempered Clear Insulated Glass, Add	*89.09*	
08 52 16 00-0028	EA	35-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	606.14	71.74
		For Low-E Insulated Glass, Add	*55.65*	
		For Tempered Clear Insulated Glass, Add	*92.76*	
08 52 16 00-0029	EA	39-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	629.04	74.02
		For Low-E Insulated Glass, Add	*57.86*	
		For Tempered Clear Insulated Glass, Add	*96.43*	

08 52 16 00-0030 59-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0002)*

08 52 16 00-0031	EA	19-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	531.27	63.77
		For Low-E Insulated Glass, Add	*48.45*	
		For Tempered Clear Insulated Glass, Add	*80.75*	
08 52 16 00-0032	EA	23-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	554.18	66.05
		For Low-E Insulated Glass, Add	*50.65*	
		For Tempered Clear Insulated Glass, Add	*84.42*	
08 52 16 00-0033	EA	27-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	577.08	68.33
		For Low-E Insulated Glass, Add	*52.85*	
		For Tempered Clear Insulated Glass, Add	*88.09*	
08 52 16 00-0034	EA	31-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	599.99	70.61
		For Low-E Insulated Glass, Add	*55.05*	
		For Tempered Clear Insulated Glass, Add	*91.76*	
08 52 16 00-0035	EA	35-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	622.89	72.88
		For Low-E Insulated Glass, Add	*57.26*	
		For Tempered Clear Insulated Glass, Add	*95.43*	
08 52 16 00-0036	EA	39-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	647.47	75.16
		For Low-E Insulated Glass, Add	*59.66*	
		For Tempered Clear Insulated Glass, Add	*99.43*	

08 52 16 00-0037 65-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0002)*

08 52 16 00-0038	EA	23-1/2" x 65-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	589.37	69.47
		For Low-E Insulated Glass, Add	*54.05*	
		For Tempered Clear Insulated Glass, Add	*90.09*	
08 52 16 00-0039	EA	27-1/2" x 65-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	612.28	71.74
		For Low-E Insulated Glass, Add	*56.25*	
		For Tempered Clear Insulated Glass, Add	*93.76*	
08 52 16 00-0040	EA	31-1/2" x 65-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	635.18	74.02
		For Low-E Insulated Glass, Add	*58.46*	
		For Tempered Clear Insulated Glass, Add	*97.43*	
08 52 16 00-0041	EA	35-1/2" x 65-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	658.09	76.30
		For Low-E Insulated Glass, Add	*60.66*	
		For Tempered Clear Insulated Glass, Add	*101.10*	

08 52 16 00-0042 71-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0002)*

08 52 16 00-0043	EA	23-1/2" x 71-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	622.89	72.88
		For Low-E Insulated Glass, Add	*57.26*	
		For Tempered Clear Insulated Glass, Add	*95.43*	
08 52 16 00-0044	EA	27-1/2" x 71-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	647.47	75.16
		For Low-E Insulated Glass, Add	*59.66*	
		For Tempered Clear Insulated Glass, Add	*99.43*	
08 52 16 00-0045	EA	31-1/2" x 71-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	670.38	77.44
		For Low-E Insulated Glass, Add	*61.86*	
		For Tempered Clear Insulated Glass, Add	*103.10*	
08 52 16 00-0046	EA	35-1/2" x 71-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	693.29	79.72
		For Low-E Insulated Glass, Add	*64.06*	
		For Tempered Clear Insulated Glass, Add	*106.77*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

08 52 16 00-0047 Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0001)*
Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.

08 52 16 00-0048 36-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

08 52 16 00-0049	EA	21-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	512.36	52.38
		For Tempered Low-E Insulated Glass, Add	*81.75*	
08 52 16 00-0050	EA	25-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	543.61	54.10
		For Tempered Low-E Insulated Glass, Add	*87.09*	
08 52 16 00-0051	EA	29-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	576.53	56.37
		For Tempered Low-E Insulated Glass, Add	*92.76*	
08 52 16 00-0052	EA	31-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	593.82	58.08
		For Tempered Low-E Insulated Glass, Add	*95.76*	
08 52 16 00-0053	EA	33-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	609.44	59.22
		For Tempered Low-E Insulated Glass, Add	*98.43*	
08 52 16 00-0054	EA	35-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	625.07	60.36
		For Tempered Low-E Insulated Glass, Add	*101.10*	
08 52 16 00-0055	EA	37-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	642.36	60.92
		For Tempered Low-E Insulated Glass, Add	*104.10*	
08 52 16 00-0056	EA	41-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	673.60	63.21
		For Tempered Low-E Insulated Glass, Add	*109.44*	
08 52 16 00-0057	EA	45-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	706.52	65.48
		For Tempered Low-E Insulated Glass, Add	*115.11*	

08 52 16 00-0058 40-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

08 52 16 00-0059	EA	21-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	543.61	54.66
		For Tempered Low-E Insulated Glass, Add	*87.09*	
08 52 16 00-0060	EA	25-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	576.53	56.37
		For Tempered Low-E Insulated Glass, Add	*92.76*	
08 52 16 00-0061	EA	29-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	609.44	58.65
		For Tempered Low-E Insulated Glass, Add	*98.43*	
08 52 16 00-0062	EA	31-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	625.07	60.36
		For Tempered Low-E Insulated Glass, Add	*101.10*	
08 52 16 00-0063	EA	33-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	642.36	61.50
		For Tempered Low-E Insulated Glass, Add	*104.10*	
08 52 16 00-0064	EA	35-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	657.99	62.63
		For Tempered Low-E Insulated Glass, Add	*106.77*	
08 52 16 00-0065	EA	37-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	673.60	63.21
		For Tempered Low-E Insulated Glass, Add	*109.44*	
08 52 16 00-0066	EA	41-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	706.52	65.48
		For Tempered Low-E Insulated Glass, Add	*115.11*	
08 52 16 00-0067	EA	45-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	739.43	67.76
		For Tempered Low-E Insulated Glass, Add	*120.78*	

08 52 16 00-0068 44-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

08 52 16 00-0069	EA	21-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	576.53	56.94
		For Tempered Low-E Insulated Glass, Add	*92.76*	
08 52 16 00-0070	EA	25-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	609.44	58.65
		For Tempered Low-E Insulated Glass, Add	*98.43*	
08 52 16 00-0071	EA	29-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	642.36	60.92
		For Tempered Low-E Insulated Glass, Add	*104.10*	
08 52 16 00-0072	EA	31-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	657.99	62.63
		For Tempered Low-E Insulated Glass, Add	*106.77*	
08 52 16 00-0073	EA	33-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	673.60	63.77
		For Tempered Low-E Insulated Glass, Add	*109.44*	
08 52 16 00-0074	EA	35-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	690.90	64.91
		For Tempered Low-E Insulated Glass, Add	*112.44*	
08 52 16 00-0075	EA	37-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	706.52	65.48
		For Tempered Low-E Insulated Glass, Add	*115.11*	
08 52 16 00-0076	EA	41-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	739.43	67.76
		For Tempered Low-E Insulated Glass, Add	*120.78*	
08 52 16 00-0077	EA	45-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	772.37	70.03
		For Tempered Low-E Insulated Glass, Add	*126.46*	

08 52 16 00-0078 48-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

08 52 16 00-0079	EA	21-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	609.44	59.22
		For Tempered Low-E Insulated Glass, Add	*98.43*	
08 52 16 00-0080	EA	25-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	642.36	60.92
		For Tempered Low-E Insulated Glass, Add	*104.10*	
08 52 16 00-0081	EA	29-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	673.60	63.21
		For Tempered Low-E Insulated Glass, Add	*109.44*	
08 52 16 00-0082	EA	31-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	690.90	64.91
		For Tempered Low-E Insulated Glass, Add	*112.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0083	EA	33-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	706.52	66.05
		For Tempered Low-E Insulated Glass, Add	*115.11*	
08 52 16 00-0084	EA	35-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	722.15	67.19
		For Tempered Low-E Insulated Glass, Add	*117.78*	
08 52 16 00-0085	EA	37-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	739.43	67.76
		For Tempered Low-E Insulated Glass, Add	*120.78*	
08 52 16 00-0086	EA	41-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	772.37	70.03
		For Tempered Low-E Insulated Glass, Add	*126.46*	
08 52 16 00-0087	EA	45-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	803.61	72.32
		For Tempered Low-E Insulated Glass, Add	*131.80*	

08 52 16 00-0088 52-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

08 52 16 00-0089	EA	21-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	642.36	61.50
		For Tempered Low-E Insulated Glass, Add	*104.10*	
08 52 16 00-0090	EA	25-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	673.60	63.21
		For Tempered Low-E Insulated Glass, Add	*109.44*	
08 52 16 00-0091	EA	29-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	706.52	65.48
		For Tempered Low-E Insulated Glass, Add	*115.11*	
08 52 16 00-0092	EA	31-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	722.15	67.19
		For Tempered Low-E Insulated Glass, Add	*117.78*	
08 52 16 00-0093	EA	33-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	739.43	68.33
		For Tempered Low-E Insulated Glass, Add	*120.78*	
08 52 16 00-0094	EA	35-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	755.06	69.47
		For Tempered Low-E Insulated Glass, Add	*123.45*	
08 52 16 00-0095	EA	37-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	772.37	70.03
		For Tempered Low-E Insulated Glass, Add	*126.46*	
08 52 16 00-0096	EA	41-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	803.61	72.32
		For Tempered Low-E Insulated Glass, Add	*131.80*	
08 52 16 00-0097	EA	45-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	836.52	74.59
		For Tempered Low-E Insulated Glass, Add	*137.47*	

08 52 16 00-0098 56-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

08 52 16 00-0099	EA	21-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	673.60	63.77
		For Tempered Low-E Insulated Glass, Add	*109.44*	
08 52 16 00-0100	EA	25-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	706.52	65.48
		For Tempered Low-E Insulated Glass, Add	*115.11*	
08 52 16 00-0101	EA	29-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	739.43	67.76
		For Tempered Low-E Insulated Glass, Add	*120.78*	
08 52 16 00-0102	EA	31-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	755.06	69.47
		For Tempered Low-E Insulated Glass, Add	*123.45*	
08 52 16 00-0103	EA	33-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	772.37	70.61
		For Tempered Low-E Insulated Glass, Add	*126.46*	
08 52 16 00-0104	EA	35-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	787.98	71.74
		For Tempered Low-E Insulated Glass, Add	*129.13*	
08 52 16 00-0105	EA	37-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	803.61	72.32
		For Tempered Low-E Insulated Glass, Add	*131.80*	
08 52 16 00-0106	EA	41-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	836.52	74.59
		For Tempered Low-E Insulated Glass, Add	*137.47*	
08 52 16 00-0107	EA	45-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	869.44	76.87
		For Tempered Low-E Insulated Glass, Add	*143.14*	

08 52 16 00-0108 60-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

08 52 16 00-0109	EA	21-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	706.52	66.05
		For Tempered Low-E Insulated Glass, Add	*115.11*	
08 52 16 00-0110	EA	25-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	739.43	67.76
		For Tempered Low-E Insulated Glass, Add	*120.78*	
08 52 16 00-0111	EA	29-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	772.37	70.03
		For Tempered Low-E Insulated Glass, Add	*126.46*	
08 52 16 00-0112	EA	31-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	787.98	71.74
		For Tempered Low-E Insulated Glass, Add	*129.13*	
08 52 16 00-0113	EA	33-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	803.61	72.88
		For Tempered Low-E Insulated Glass, Add	*131.80*	
08 52 16 00-0114	EA	35-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	820.89	74.02
		For Tempered Low-E Insulated Glass, Add	*134.80*	
08 52 16 00-0115	EA	37-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	836.52	74.59
		For Tempered Low-E Insulated Glass, Add	*137.47*	
08 52 16 00-0116	EA	41-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	869.44	76.87
		For Tempered Low-E Insulated Glass, Add	*143.14*	
08 52 16 00-0117	EA	45-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	900.68	79.14
		For Tempered Low-E Insulated Glass, Add	*148.48*	

08 52 16 00-0118 64-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

08 52 16 00-0119	EA	21-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	739.43	68.33
		For Tempered Low-E Insulated Glass, Add	*120.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0120	EA	25-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	772.37	70.03
		For Tempered Low-E Insulated Glass, Add	*126.46*	
08 52 16 00-0121	EA	29-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	803.61	72.32
		For Tempered Low-E Insulated Glass, Add	*131.80*	
08 52 16 00-0122	EA	31-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	820.89	74.02
		For Tempered Low-E Insulated Glass, Add	*134.80*	
08 52 16 00-0123	EA	33-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	836.52	75.16
		For Tempered Low-E Insulated Glass, Add	*137.47*	
08 52 16 00-0124	EA	35-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	852.15	76.30
		For Tempered Low-E Insulated Glass, Add	*140.14*	
08 52 16 00-0125	EA	37-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	869.44	76.87
		For Tempered Low-E Insulated Glass, Add	*143.14*	
08 52 16 00-0126	EA	41-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	900.68	79.14
		For Tempered Low-E Insulated Glass, Add	*148.48*	
08 52 16 00-0127	EA	45-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	933.60	81.42
		For Tempered Low-E Insulated Glass, Add	*154.15*	

08 52 16 00-0128 68-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

08 52 16 00-0129	EA	21-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	772.37	70.61
		For Tempered Low-E Insulated Glass, Add	*126.46*	
08 52 16 00-0130	EA	25-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	803.61	72.32
		For Tempered Low-E Insulated Glass, Add	*131.80*	
08 52 16 00-0131	EA	29-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	836.52	74.59
		For Tempered Low-E Insulated Glass, Add	*137.47*	
08 52 16 00-0132	EA	31-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	852.15	76.30
		For Tempered Low-E Insulated Glass, Add	*140.14*	
08 52 16 00-0133	EA	33-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	869.44	77.44
		For Tempered Low-E Insulated Glass, Add	*143.14*	
08 52 16 00-0134	EA	35-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	885.06	78.58
		For Tempered Low-E Insulated Glass, Add	*145.81*	
08 52 16 00-0135	EA	37-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	900.68	79.14
		For Tempered Low-E Insulated Glass, Add	*148.48*	
08 52 16 00-0136	EA	41-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	933.60	81.42
		For Tempered Low-E Insulated Glass, Add	*154.15*	
08 52 16 00-0137	EA	45-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	966.52	83.71
		For Tempered Low-E Insulated Glass, Add	*159.82*	

08 52 16 00-0138 72-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

08 52 16 00-0139	EA	21-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	803.61	72.88
		For Tempered Low-E Insulated Glass, Add	*131.80*	
08 52 16 00-0140	EA	25-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	836.52	74.59
		For Tempered Low-E Insulated Glass, Add	*137.47*	
08 52 16 00-0141	EA	29-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	869.44	76.87
		For Tempered Low-E Insulated Glass, Add	*143.14*	
08 52 16 00-0142	EA	31-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	885.06	78.58
		For Tempered Low-E Insulated Glass, Add	*145.81*	
08 52 16 00-0143	EA	33-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	900.68	79.72
		For Tempered Low-E Insulated Glass, Add	*148.48*	
08 52 16 00-0144	EA	35-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	917.98	80.86
		For Tempered Low-E Insulated Glass, Add	*151.48*	
08 52 16 00-0145	EA	37-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	933.60	81.42
		For Tempered Low-E Insulated Glass, Add	*154.15*	
08 52 16 00-0146	EA	41-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	966.52	83.71
		For Tempered Low-E Insulated Glass, Add	*159.82*	
08 52 16 00-0147	EA	45-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	999.44	85.98
		For Tempered Low-E Insulated Glass, Add	*165.50*	

08 52 16 00-0148 76-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

08 52 16 00-0149	EA	21-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	836.52	75.16
		For Tempered Low-E Insulated Glass, Add	*137.47*	
08 52 16 00-0150	EA	25-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	869.44	76.87
		For Tempered Low-E Insulated Glass, Add	*143.14*	
08 52 16 00-0151	EA	29-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	900.68	79.14
		For Tempered Low-E Insulated Glass, Add	*148.48*	
08 52 16 00-0152	EA	31-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	917.98	80.86
		For Tempered Low-E Insulated Glass, Add	*151.48*	
08 52 16 00-0153	EA	33-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	933.60	81.99
		For Tempered Low-E Insulated Glass, Add	*154.15*	
08 52 16 00-0154	EA	35-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	950.89	83.13
		For Tempered Low-E Insulated Glass, Add	*157.15*	
08 52 16 00-0155	EA	37-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	966.52	83.71
		For Tempered Low-E Insulated Glass, Add	*159.82*	
08 52 16 00-0156	EA	41-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	999.44	85.98
		For Tempered Low-E Insulated Glass, Add	*165.50*	
08 52 16 00-0157	EA	45-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,030.68	88.26
		For Tempered Low-E Insulated Glass, Add	*170.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0158		84-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*		
08 52 16 00-0159	EA	21-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,297.74	79.72
		For Tempered Low-E Insulated Glass, Add	*227.89*	
08 52 16 00-0160	EA	25-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,344.01	81.42
		For Tempered Low-E Insulated Glass, Add	*236.23*	
08 52 16 00-0161	EA	29-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,390.26	83.71
		For Tempered Low-E Insulated Glass, Add	*244.57*	
08 52 16 00-0162	EA	31-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,412.56	85.41
		For Tempered Low-E Insulated Glass, Add	*248.58*	
08 52 16 00-0163	EA	33-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,436.53	86.54
		For Tempered Low-E Insulated Glass, Add	*252.91*	
08 52 16 00-0164	EA	35-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,458.83	87.69
		For Tempered Low-E Insulated Glass, Add	*256.92*	
08 52 16 00-0165	EA	37-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,481.12	88.26
		For Tempered Low-E Insulated Glass, Add	*260.92*	
08 52 16 00-0166	EA	41-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,527.39	90.53
		For Tempered Low-E Insulated Glass, Add	*269.26*	
08 52 16 00-0167	EA	45-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,573.65	92.81
		For Tempered Low-E Insulated Glass, Add	*277.61*	
08 52 16 00-0168		88-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*		
08 52 16 00-0169	EA	21-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,344.01	81.99
		For Tempered Low-E Insulated Glass, Add	*236.23*	
08 52 16 00-0170	EA	25-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,390.26	83.71
		For Tempered Low-E Insulated Glass, Add	*244.57*	
08 52 16 00-0171	EA	29-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,436.53	85.98
		For Tempered Low-E Insulated Glass, Add	*252.91*	
08 52 16 00-0172	EA	31-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,458.83	87.69
		For Tempered Low-E Insulated Glass, Add	*256.92*	
08 52 16 00-0173	EA	33-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,481.12	88.83
		For Tempered Low-E Insulated Glass, Add	*260.92*	
08 52 16 00-0174	EA	35-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,505.09	89.97
		For Tempered Low-E Insulated Glass, Add	*265.26*	
08 52 16 00-0175	EA	37-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,527.39	90.53
		For Tempered Low-E Insulated Glass, Add	*269.26*	
08 52 16 00-0176	EA	41-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,573.65	92.81
		For Tempered Low-E Insulated Glass, Add	*277.61*	
08 52 16 00-0177	EA	45-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,619.90	95.09
		For Tempered Low-E Insulated Glass, Add	*285.95*	
08 52 16 00-0178		Casement Wood Clad Windows *(08 52 16)*		
		Note: Casement windows are hinged on one side and swing inward or outward with a crank or push out operation.		
08 52 16 00-0179		Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0178)*		
		Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0180		One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0179)*		
08 52 16 00-0181		24-1/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0180)*		
08 52 16 00-0182	EA	17" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	450.15	43.27
		For Tempered Clear Insulated Glass, Add	*72.95*	
08 52 16 00-0183	EA	20-1/2" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	476.20	44.41
		For Tempered Clear Insulated Glass, Add	*77.47*	
08 52 16 00-0184	EA	24-1/8" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	505.27	46.70
		For Tempered Clear Insulated Glass, Add	*82.38*	
08 52 16 00-0185	EA	28-3/8" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	532.04	48.97
		For Tempered Clear Insulated Glass, Add	*86.82*	
08 52 16 00-0186		28-3/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0180)*		
08 52 16 00-0187	EA	17" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	483.00	45.55
		For Tempered Clear Insulated Glass, Add	*78.61*	
08 52 16 00-0188	EA	20-1/2" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	509.04	46.70
		For Tempered Clear Insulated Glass, Add	*83.13*	
08 52 16 00-0189	EA	24-1/8" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	538.10	48.97
		For Tempered Clear Insulated Glass, Add	*88.03*	
08 52 16 00-0190	EA	28-3/8" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	552.35	51.25
		For Tempered Clear Insulated Glass, Add	*89.97*	
08 52 16 00-0191	EA	31-1/2" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	586.16	53.52
		For Tempered Clear Insulated Glass, Add	*96.05*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0192		35-15/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0180)*			
08 52 16 00-0193	EA	17" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)		541.87	48.97
		For Tempered Clear Insulated Glass, Add		*88.79*	
08 52 16 00-0194	EA	20-1/2" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)		569.81	51.25
		For Tempered Clear Insulated Glass, Add		*93.69*	
08 52 16 00-0195	EA	24-1/8" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)		598.88	52.96
		For Tempered Clear Insulated Glass, Add		*98.59*	
08 52 16 00-0196	EA	28-3/8" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)		644.93	55.23
		For Tempered Clear Insulated Glass, Add		*106.89*	
08 52 16 00-0197	EA	31-1/2" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)		688.82	56.94
		For Tempered Clear Insulated Glass, Add		*114.99*	
08 52 16 00-0198	EA	35-15/16" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)		731.69	58.08
		For Tempered Clear Insulated Glass, Add		*123.11*	
08 52 16 00-0199		40-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0180)*			
08 52 16 00-0200	EA	17" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)		581.52	52.38
		For Tempered Clear Insulated Glass, Add		*95.58*	
08 52 16 00-0201	EA	20-1/2" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)		607.55	53.52
		For Tempered Clear Insulated Glass, Add		*100.10*	
08 52 16 00-0202	EA	24-1/8" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)		636.63	55.80
		For Tempered Clear Insulated Glass, Add		*105.01*	
08 52 16 00-0203	EA	28-3/8" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)		703.41	58.08
		For Tempered Clear Insulated Glass, Add		*117.45*	
08 52 16 00-0204	EA	31-1/2" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)		749.42	60.36
		For Tempered Clear Insulated Glass, Add		*125.97*	
08 52 16 00-0205	EA	35-15/16" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)		792.47	62.63
		For Tempered Clear Insulated Glass, Add		*133.67*	
08 52 16 00-0206		48" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0180)*			
08 52 16 00-0207	EA	17" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)		637.77	56.94
		For Tempered Clear Insulated Glass, Add		*105.01*	
08 52 16 00-0208	EA	20-1/2" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)		665.69	58.08
		For Tempered Clear Insulated Glass, Add		*109.91*	
08 52 16 00-0209	EA	24-1/8" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)		694.78	60.36
		For Tempered Clear Insulated Glass, Add		*114.81*	
08 52 16 00-0210	EA	28-3/8" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)		787.00	62.63
		For Tempered Clear Insulated Glass, Add		*132.35*	
08 52 16 00-0211	EA	31-1/2" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)		822.97	64.91
		For Tempered Clear Insulated Glass, Add		*138.86*	
08 52 16 00-0212	EA	35-15/16" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)		877.01	67.19
		For Tempered Clear Insulated Glass, Add		*148.75*	
08 52 16 00-0213		52-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0180)*			
08 52 16 00-0214	EA	17" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)		676.26	59.22
		For Tempered Clear Insulated Glass, Add		*111.79*	
08 52 16 00-0215	EA	20-1/2" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)		702.32	60.36
		For Tempered Clear Insulated Glass, Add		*116.32*	
08 52 16 00-0216	EA	24-1/8" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)		731.39	62.63
		For Tempered Clear Insulated Glass, Add		*121.22*	
08 52 16 00-0217	EA	28-3/8" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)		845.32	64.91
		For Tempered Clear Insulated Glass, Add		*143.10*	
08 52 16 00-0218	EA	31-1/2" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)		899.14	67.19
		For Tempered Clear Insulated Glass, Add		*153.18*	
08 52 16 00-0219	EA	35-15/16" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)		934.36	69.47
		For Tempered Clear Insulated Glass, Add		*159.31*	
08 52 16 00-0220		59-7/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0180)*			
08 52 16 00-0221	EA	17" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)		731.39	62.63
		For Tempered Clear Insulated Glass, Add		*121.22*	
08 52 16 00-0222	EA	20-1/2" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)		759.31	64.91
		For Tempered Clear Insulated Glass, Add		*126.13*	
08 52 16 00-0223	EA	24-1/8" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)		788.38	66.62
		For Tempered Clear Insulated Glass, Add		*131.03*	
08 52 16 00-0224	EA	28-3/8" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)		928.71	68.90
		For Tempered Clear Insulated Glass, Add		*158.18*	
08 52 16 00-0225	EA	31-1/2" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)		966.79	70.61
		For Tempered Clear Insulated Glass, Add		*165.12*	
08 52 16 00-0226	EA	35-15/16" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)		1,017.76	72.88
		For Tempered Clear Insulated Glass, Add		*174.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0227		**64-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0180)*		
08 52 16 00-0228	EA	17" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	771.02	66.05
		For Tempered Clear Insulated Glass, Add	*128.01*	
08 52 16 00-0229	EA	20-1/2" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	797.07	67.19
		For Tempered Clear Insulated Glass, Add	*132.54*	
08 52 16 00-0230	EA	24-1/8" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	826.13	69.47
		For Tempered Clear Insulated Glass, Add	*137.44*	
08 52 16 00-0231	EA	28-3/8" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	987.21	71.74
		For Tempered Clear Insulated Glass, Add	*168.74*	
08 52 16 00-0232	EA	31-1/2" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	1,022.60	74.02
		For Tempered Clear Insulated Glass, Add	*175.14*	
08 52 16 00-0233	EA	35-15/16" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	1,076.26	76.30
		For Tempered Clear Insulated Glass, Add	*184.96*	
08 52 16 00-0234		**71-7/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0180)*		
08 52 16 00-0235	EA	17" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	826.13	69.47
		For Tempered Clear Insulated Glass, Add	*137.44*	
08 52 16 00-0236	EA	20-1/2" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	854.07	71.74
		For Tempered Clear Insulated Glass, Add	*142.34*	
08 52 16 00-0237	EA	24-1/8" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	883.13	73.46
		For Tempered Clear Insulated Glass, Add	*147.25*	
08 52 16 00-0238	EA	28-3/8" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	1,070.61	75.73
		For Tempered Clear Insulated Glass, Add	*183.83*	
08 52 16 00-0239	EA	31-1/2" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	1,114.13	77.44
		For Tempered Clear Insulated Glass, Add	*191.85*	
08 52 16 00-0240	EA	35-15/16" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	1,159.66	79.72
		For Tempered Clear Insulated Glass, Add	*200.05*	
08 52 16 00-0241		**Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0179)*		
08 52 16 00-0242		**24-1/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0241)*		
08 52 16 00-0243	EA	40-3/4" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	810.01	55.80
		For Tempered Clear Insulated Glass, Add	*139.68*	
08 52 16 00-0244	EA	48" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	921.24	60.36
		For Tempered Clear Insulated Glass, Add	*160.10*	
08 52 16 00-0245	EA	56-1/2" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,050.23	64.91
		For Tempered Clear Insulated Glass, Add	*184.08*	
08 52 16 00-0246		**28-3/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0241)*		
08 52 16 00-0247	EA	40-3/4" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	874.40	58.08
		For Tempered Clear Insulated Glass, Add	*151.65*	
08 52 16 00-0248	EA	48" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	985.63	62.63
		For Tempered Clear Insulated Glass, Add	*172.07*	
08 52 16 00-0249	EA	56-1/2" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,114.62	67.19
		For Tempered Clear Insulated Glass, Add	*196.05*	
08 52 16 00-0250		**35-15/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0241)*		
08 52 16 00-0251	EA	33-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	866.38	58.08
		For Tempered Clear Insulated Glass, Add	*150.05*	
08 52 16 00-0252	EA	40-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	979.96	62.63
		For Tempered Clear Insulated Glass, Add	*171.17*	
08 52 16 00-0253	EA	48" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,098.44	67.19
		For Tempered Clear Insulated Glass, Add	*193.04*	
08 52 16 00-0254	EA	56-1/2" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,235.78	71.17
		For Tempered Clear Insulated Glass, Add	*218.69*	
08 52 16 00-0255	EA	62-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,327.71	74.59
		For Tempered Clear Insulated Glass, Add	*235.71*	
08 52 16 00-0256	EA	71-5/8" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,481.03	79.72
		For Tempered Clear Insulated Glass, Add	*264.32*	
08 52 16 00-0257		**40-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0241)*		
08 52 16 00-0258	EA	33-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	945.62	60.92
		For Tempered Clear Insulated Glass, Add	*164.75*	
08 52 16 00-0259	EA	40-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,059.20	64.91
		For Tempered Clear Insulated Glass, Add	*185.87*	
08 52 16 00-0260	EA	48" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,177.67	69.47
		For Tempered Clear Insulated Glass, Add	*207.75*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0261	EA	56-1/2" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,315.01	74.02
		For Tempered Clear Insulated Glass, Add	*233.39*	
08 52 16 00-0262	EA	62-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,416.95	77.44
		For Tempered Clear Insulated Glass, Add	*252.41*	
08 52 16 00-0263	EA	71-5/8" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,848.78	82.56
		For Tempered Clear Insulated Glass, Add	*336.73*	
08 52 16 00-0264		48" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0241)*		
08 52 16 00-0265	EA	33-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,062.22	65.48
		For Tempered Clear Insulated Glass, Add	*186.25*	
08 52 16 00-0266	EA	40-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,177.67	69.47
		For Tempered Clear Insulated Glass, Add	*207.75*	
08 52 16 00-0267	EA	48" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,296.16	74.02
		For Tempered Clear Insulated Glass, Add	*229.62*	
08 52 16 00-0268	EA	56-1/2" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,433.50	78.58
		For Tempered Clear Insulated Glass, Add	*255.27*	
08 52 16 00-0269	EA	62-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,531.09	81.99
		For Tempered Clear Insulated Glass, Add	*273.42*	
08 52 16 00-0270	EA	71-5/8" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,678.76	87.12
		For Tempered Clear Insulated Glass, Add	*300.90*	
08 52 16 00-0271		52-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0241)*		
08 52 16 00-0272	EA	33-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,140.31	67.76
		For Tempered Clear Insulated Glass, Add	*200.96*	
08 52 16 00-0273	EA	40-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,253.89	71.74
		For Tempered Clear Insulated Glass, Add	*222.08*	
08 52 16 00-0274	EA	48" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,358.38	76.30
		For Tempered Clear Insulated Glass, Add	*241.16*	
08 52 16 00-0275	EA	56-1/2" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,509.71	80.86
		For Tempered Clear Insulated Glass, Add	*269.60*	
08 52 16 00-0276	EA	62-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,612.02	84.27
		For Tempered Clear Insulated Glass, Add	*288.70*	
08 52 16 00-0277	EA	71-5/8" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,756.85	89.39
		For Tempered Clear Insulated Glass, Add	*315.61*	
08 52 16 00-0278		59-7/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0241)*		
08 52 16 00-0279	EA	33-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,255.78	71.74
		For Tempered Clear Insulated Glass, Add	*222.46*	
08 52 16 00-0280	EA	40-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,369.35	76.30
		For Tempered Clear Insulated Glass, Add	*243.58*	
08 52 16 00-0281	EA	48" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,487.83	80.86
		For Tempered Clear Insulated Glass, Add	*265.45*	
08 52 16 00-0282	EA	56-1/2" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,625.17	84.84
		For Tempered Clear Insulated Glass, Add	*291.10*	
08 52 16 00-0283	EA	62-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,727.48	88.26
		For Tempered Clear Insulated Glass, Add	*310.19*	
08 52 16 00-0284	EA	71-5/8" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,870.42	93.38
		For Tempered Clear Insulated Glass, Add	*336.73*	
08 52 16 00-0285		64-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0241)*		
08 52 16 00-0286	EA	33-3/4" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,335.01	74.59
		For Tempered Clear Insulated Glass, Add	*237.17*	
08 52 16 00-0287	EA	40-3/4" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,448.58	78.58
		For Tempered Clear Insulated Glass, Add	*258.29*	
08 52 16 00-0288	EA	48" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,568.95	83.13
		For Tempered Clear Insulated Glass, Add	*280.54*	
08 52 16 00-0289	EA	56-1/2" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,706.29	87.69
		For Tempered Clear Insulated Glass, Add	*306.18*	
08 52 16 00-0290		71-7/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0241)*		
08 52 16 00-0291	EA	33-3/4" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,450.47	78.58
		For Tempered Clear Insulated Glass, Add	*258.66*	
08 52 16 00-0292	EA	40-3/4" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,564.04	83.13
		For Tempered Clear Insulated Glass, Add	*279.78*	
08 52 16 00-0293	EA	48" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,682.53	87.69
		For Tempered Clear Insulated Glass, Add	*301.66*	
08 52 16 00-0294	EA	56-1/2" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,819.87	91.67
		For Tempered Clear Insulated Glass, Add	*327.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0295		One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0179)*		
08 52 16 00-0296		24-1/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0295)*		
08 52 16 00-0297	EA	71-7/8" x 24-1/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,287.63	73.46
		For Tempered Clear Insulated Glass, Add	*228.15*	
08 52 16 00-0298	EA	84-5/8" x 24-1/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,498.76	80.86
		For Tempered Clear Insulated Glass, Add	*267.41*	
08 52 16 00-0299		28-3/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0295)*		
08 52 16 00-0300	EA	71-7/8" x 28-3/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,366.89	75.73
		For Tempered Clear Insulated Glass, Add	*243.09*	
08 52 16 00-0301	EA	84-5/8" x 28-3/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,564.01	83.13
		For Tempered Clear Insulated Glass, Add	*279.55*	
08 52 16 00-0302		35-15/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0295)*		
08 52 16 00-0303	EA	61" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,315.40	74.02
		For Tempered Clear Insulated Glass, Add	*233.47*	
08 52 16 00-0304	EA	71-7/8" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,484.81	79.72
		For Tempered Clear Insulated Glass, Add	*265.08*	
08 52 16 00-0305	EA	84-5/8" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,693.85	87.69
		For Tempered Clear Insulated Glass, Add	*303.92*	
08 52 16 00-0306		40-13/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0295)*		
08 52 16 00-0307	EA	61" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,390.80	77.44
		For Tempered Clear Insulated Glass, Add	*247.41*	
08 52 16 00-0308	EA	71-7/8" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,565.92	82.56
		For Tempered Clear Insulated Glass, Add	*280.16*	
08 52 16 00-0309	EA	84-5/8" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,773.07	89.97
		For Tempered Clear Insulated Glass, Add	*318.63*	
08 52 16 00-0310		48" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0295)*		
08 52 16 00-0311	EA	71-7/8" x 48", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,682.53	87.12
		For Tempered Clear Insulated Glass, Add	*301.66*	
08 52 16 00-0312	EA	84-5/8" x 48", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,889.68	94.52
		For Tempered Clear Insulated Glass, Add	*340.13*	
08 52 16 00-0313		52-13/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0295)*		
08 52 16 00-0314	EA	71-7/8" x 52-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,760.62	89.39
		For Tempered Clear Insulated Glass, Add	*316.37*	
08 52 16 00-0315	EA	84-5/8" x 52-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,967.78	96.79
		For Tempered Clear Insulated Glass, Add	*354.84*	
08 52 16 00-0316		59-7/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0295)*		
08 52 16 00-0317	EA	71-7/8" x 59-7/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,874.20	93.38
		For Tempered Clear Insulated Glass, Add	*337.49*	
08 52 16 00-0318	EA	84-5/8" x 59-7/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	2,083.24	101.35
		For Tempered Clear Insulated Glass, Add	*376.33*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0319		Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0178)* Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0320		One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0319)*		
08 52 16 00-0321		24-1/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0320)*		
08 52 16 00-0322	EA	17" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	537.84	43.27
		For Tempered Low-E Insulated Glass, Add	*90.49*	
08 52 16 00-0323	EA	20-1/2" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	569.54	44.41
		For Tempered Low-E Insulated Glass, Add	*96.14*	
08 52 16 00-0324	EA	24-1/8" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	604.74	46.70
		For Tempered Low-E Insulated Glass, Add	*102.27*	
08 52 16 00-0325	EA	28-3/8" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	637.07	48.97
		For Tempered Low-E Insulated Glass, Add	*107.83*	
08 52 16 00-0326		28-3/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0320)*		
08 52 16 00-0327	EA	17" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	577.76	45.55
		For Tempered Low-E Insulated Glass, Add	*97.56*	
08 52 16 00-0328	EA	20-1/2" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	609.45	46.70
		For Tempered Low-E Insulated Glass, Add	*103.21*	
08 52 16 00-0329	EA	24-1/8" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	644.65	48.97
		For Tempered Low-E Insulated Glass, Add	*109.34*	
08 52 16 00-0330	EA	28-3/8" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	661.32	51.25
		For Tempered Low-E Insulated Glass, Add	*111.77*	
08 52 16 00-0331	EA	31-1/2" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	702.72	53.52
		For Tempered Low-E Insulated Glass, Add	*119.36*	
08 52 16 00-0332		35-15/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0320)*		
08 52 16 00-0333	EA	17" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	649.36	48.97
		For Tempered Low-E Insulated Glass, Add	*110.29*	
08 52 16 00-0334	EA	20-1/2" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	683.42	51.25
		For Tempered Low-E Insulated Glass, Add	*116.41*	
08 52 16 00-0335	EA	24-1/8" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	718.63	52.96
		For Tempered Low-E Insulated Glass, Add	*122.54*	
08 52 16 00-0336	EA	28-3/8" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	775.04	55.23
		For Tempered Low-E Insulated Glass, Add	*132.91*	
08 52 16 00-0337	EA	31-1/2" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	829.06	56.94
		For Tempered Low-E Insulated Glass, Add	*143.04*	
08 52 16 00-0338	EA	35-15/16" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	882.08	58.08
		For Tempered Low-E Insulated Glass, Add	*153.19*	
08 52 16 00-0339		40-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0320)*		
08 52 16 00-0340	EA	17" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	697.49	52.38
		For Tempered Low-E Insulated Glass, Add	*118.77*	
08 52 16 00-0341	EA	20-1/2" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	729.18	53.52
		For Tempered Low-E Insulated Glass, Add	*124.43*	
08 52 16 00-0342	EA	24-1/8" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	764.39	55.80
		For Tempered Low-E Insulated Glass, Add	*130.56*	
08 52 16 00-0343	EA	28-3/8" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	846.72	58.08
		For Tempered Low-E Insulated Glass, Add	*146.11*	
08 52 16 00-0344	EA	31-1/2" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	903.38	60.36
		For Tempered Low-E Insulated Glass, Add	*156.76*	
08 52 16 00-0345	EA	35-15/16" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	956.06	62.63
		For Tempered Low-E Insulated Glass, Add	*166.39*	
08 52 16 00-0346		48" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0320)*		
08 52 16 00-0347	EA	17" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	765.53	56.94
		For Tempered Low-E Insulated Glass, Add	*130.56*	
08 52 16 00-0348	EA	20-1/2" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	799.58	58.08
		For Tempered Low-E Insulated Glass, Add	*136.69*	
08 52 16 00-0349	EA	24-1/8" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	834.79	60.36
		For Tempered Low-E Insulated Glass, Add	*142.81*	
08 52 16 00-0350	EA	28-3/8" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	948.94	62.63
		For Tempered Low-E Insulated Glass, Add	*164.73*	
08 52 16 00-0351	EA	31-1/2" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	993.05	64.91
		For Tempered Low-E Insulated Glass, Add	*172.87*	
08 52 16 00-0352	EA	35-15/16" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	1,059.46	67.19
		For Tempered Low-E Insulated Glass, Add	*185.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0353		52-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0320)*		
08 52 16 00-0354	EA	17" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	812.51	59.22
		For Tempered Low-E Insulated Glass, Add	*139.04*	
08 52 16 00-0355	EA	20-1/2" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	844.22	60.36
		For Tempered Low-E Insulated Glass, Add	*144.70*	
08 52 16 00-0356	EA	24-1/8" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	879.42	62.63
		For Tempered Low-E Insulated Glass, Add	*150.83*	
08 52 16 00-0357	EA	28-3/8" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	1,020.69	64.91
		For Tempered Low-E Insulated Glass, Add	*178.17*	
08 52 16 00-0358	EA	31-1/2" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	1,087.12	67.19
		For Tempered Low-E Insulated Glass, Add	*190.78*	
08 52 16 00-0359	EA	35-15/16" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	1,130.01	69.47
		For Tempered Low-E Insulated Glass, Add	*198.44*	
08 52 16 00-0360		59-7/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0320)*		
08 52 16 00-0361	EA	17" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	879.42	62.63
		For Tempered Low-E Insulated Glass, Add	*150.83*	
08 52 16 00-0362	EA	20-1/2" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	913.47	64.91
		For Tempered Low-E Insulated Glass, Add	*156.96*	
08 52 16 00-0363	EA	24-1/8" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	948.67	66.62
		For Tempered Low-E Insulated Glass, Add	*163.09*	
08 52 16 00-0364	EA	28-3/8" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	1,122.94	68.90
		For Tempered Low-E Insulated Glass, Add	*197.03*	
08 52 16 00-0365	EA	31-1/2" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	1,169.68	70.61
		For Tempered Low-E Insulated Glass, Add	*205.69*	
08 52 16 00-0366	EA	35-15/16" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	1,232.27	72.88
		For Tempered Low-E Insulated Glass, Add	*217.30*	
08 52 16 00-0367		64-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0320)*		
08 52 16 00-0368	EA	17" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	927.53	66.05
		For Tempered Low-E Insulated Glass, Add	*159.31*	
08 52 16 00-0369	EA	20-1/2" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	959.24	67.19
		For Tempered Low-E Insulated Glass, Add	*164.97*	
08 52 16 00-0370	EA	24-1/8" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	994.43	69.47
		For Tempered Low-E Insulated Glass, Add	*171.10*	
08 52 16 00-0371	EA	28-3/8" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	1,194.64	71.74
		For Tempered Low-E Insulated Glass, Add	*210.23*	
08 52 16 00-0372	EA	31-1/2" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	1,238.03	74.02
		For Tempered Low-E Insulated Glass, Add	*218.23*	
08 52 16 00-0373	EA	35-15/16" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	1,303.97	76.30
		For Tempered Low-E Insulated Glass, Add	*230.50*	
08 52 16 00-0374		71-7/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0320)*		
08 52 16 00-0375	EA	17" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	994.43	69.47
		For Tempered Low-E Insulated Glass, Add	*171.10*	
08 52 16 00-0376	EA	20-1/2" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	1,028.50	71.74
		For Tempered Low-E Insulated Glass, Add	*177.23*	
08 52 16 00-0377	EA	24-1/8" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	1,063.69	73.46
		For Tempered Low-E Insulated Glass, Add	*183.36*	
08 52 16 00-0378	EA	28-3/8" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	1,296.89	75.73
		For Tempered Low-E Insulated Glass, Add	*229.09*	
08 52 16 00-0379	EA	31-1/2" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	1,350.44	77.44
		For Tempered Low-E Insulated Glass, Add	*239.11*	
08 52 16 00-0380	EA	35-15/16" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	1,406.22	79.72
		For Tempered Low-E Insulated Glass, Add	*249.36*	
08 52 16 00-0381		Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0319)*		
08 52 16 00-0382		24-1/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0381)*		
08 52 16 00-0383	EA	40-3/4" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	977.61	55.80
		For Tempered Low-E Insulated Glass, Add	*173.20*	
08 52 16 00-0384	EA	48" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,114.37	60.36
		For Tempered Low-E Insulated Glass, Add	*198.73*	
08 52 16 00-0385	EA	56-1/2" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,273.33	64.91
		For Tempered Low-E Insulated Glass, Add	*228.70*	
08 52 16 00-0386		28-3/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0381)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0387	EA	40-3/4" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,056.96	58.08
		For Tempered Low-E Insulated Glass, Add	*188.16*	
08 52 16 00-0388	EA	48" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,193.73	62.63
		For Tempered Low-E Insulated Glass, Add	*213.69*	
08 52 16 00-0389	EA	56-1/2" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,352.68	67.19
		For Tempered Low-E Insulated Glass, Add	*243.66*	
08 52 16 00-0390		35-15/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0381)*		
08 52 16 00-0391	EA	33-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,046.94	58.08
		For Tempered Low-E Insulated Glass, Add	*186.16*	
08 52 16 00-0392	EA	40-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,186.92	62.63
		For Tempered Low-E Insulated Glass, Add	*212.56*	
08 52 16 00-0393	EA	48" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,332.74	67.19
		For Tempered Low-E Insulated Glass, Add	*239.90*	
08 52 16 00-0394	EA	56-1/2" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,502.14	71.17
		For Tempered Low-E Insulated Glass, Add	*271.96*	
08 52 16 00-0395	EA	62-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,615.34	74.59
		For Tempered Low-E Insulated Glass, Add	*293.23*	
08 52 16 00-0396	EA	71-5/8" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,804.44	79.72
		For Tempered Low-E Insulated Glass, Add	*329.00*	
08 52 16 00-0397		40-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0381)*		
08 52 16 00-0398	EA	33-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,144.57	60.92
		For Tempered Low-E Insulated Glass, Add	*204.54*	
08 52 16 00-0399	EA	40-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,284.55	64.91
		For Tempered Low-E Insulated Glass, Add	*230.94*	
08 52 16 00-0400	EA	48" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,430.36	69.47
		For Tempered Low-E Insulated Glass, Add	*258.29*	
08 52 16 00-0401	EA	56-1/2" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,599.76	74.02
		For Tempered Low-E Insulated Glass, Add	*290.34*	
08 52 16 00-0402	EA	62-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,725.47	77.44
		For Tempered Low-E Insulated Glass, Add	*314.12*	
08 52 16 00-0403	EA	71-5/8" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	2,262.70	82.56
		For Tempered Low-E Insulated Glass, Add	*419.52*	
08 52 16 00-0404		48" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0381)*		
08 52 16 00-0405	EA	33-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,288.03	65.48
		For Tempered Low-E Insulated Glass, Add	*231.41*	
08 52 16 00-0406	EA	40-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,430.36	69.47
		For Tempered Low-E Insulated Glass, Add	*258.29*	
08 52 16 00-0407	EA	48" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,576.19	74.02
		For Tempered Low-E Insulated Glass, Add	*285.63*	
08 52 16 00-0408	EA	56-1/2" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,745.58	78.58
		For Tempered Low-E Insulated Glass, Add	*317.69*	
08 52 16 00-0409	EA	62-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,865.87	81.99
		For Tempered Low-E Insulated Glass, Add	*340.38*	
08 52 16 00-0410	EA	71-5/8" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	2,047.89	87.12
		For Tempered Low-E Insulated Glass, Add	*374.73*	
08 52 16 00-0411		52-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0381)*		
08 52 16 00-0412	EA	33-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,384.51	67.76
		For Tempered Low-E Insulated Glass, Add	*249.80*	
08 52 16 00-0413	EA	40-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,524.49	71.74
		For Tempered Low-E Insulated Glass, Add	*276.20*	
08 52 16 00-0414	EA	48" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,656.32	76.30
		For Tempered Low-E Insulated Glass, Add	*300.74*	
08 52 16 00-0415	EA	56-1/2" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,839.72	80.86
		For Tempered Low-E Insulated Glass, Add	*335.60*	
08 52 16 00-0416	EA	62-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,965.90	84.27
		For Tempered Low-E Insulated Glass, Add	*359.47*	
08 52 16 00-0417	EA	71-5/8" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	2,144.37	89.39
		For Tempered Low-E Insulated Glass, Add	*393.12*	
08 52 16 00-0418		59-7/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0381)*		
08 52 16 00-0419	EA	33-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,526.85	71.74
		For Tempered Low-E Insulated Glass, Add	*276.67*	
08 52 16 00-0420	EA	40-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,666.82	76.30
		For Tempered Low-E Insulated Glass, Add	*303.07*	
08 52 16 00-0421	EA	48" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,812.65	80.86
		For Tempered Low-E Insulated Glass, Add	*330.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0422	EA	56-1/2" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,982.04	84.84
		For Tempered Low-E Insulated Glass, Add	*362.47*	
08 52 16 00-0423	EA	62-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	2,108.23	88.26
		For Tempered Low-E Insulated Glass, Add	*386.34*	
08 52 16 00-0424	EA	71-5/8" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	2,284.34	93.38
		For Tempered Low-E Insulated Glass, Add	*419.52*	
08 52 16 00-0425		64-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0381)*		
08 52 16 00-0426	EA	33-3/4" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,624.47	74.59
		For Tempered Low-E Insulated Glass, Add	*295.06*	
08 52 16 00-0427	EA	40-3/4" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,764.44	78.58
		For Tempered Low-E Insulated Glass, Add	*321.46*	
08 52 16 00-0428	EA	48" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,912.62	83.13
		For Tempered Low-E Insulated Glass, Add	*349.27*	
08 52 16 00-0429	EA	56-1/2" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	2,082.02	87.69
		For Tempered Low-E Insulated Glass, Add	*381.33*	
08 52 16 00-0430		71-7/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0381)*		
08 52 16 00-0431	EA	33-3/4" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,766.80	78.58
		For Tempered Low-E Insulated Glass, Add	*321.93*	
08 52 16 00-0432	EA	40-3/4" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,906.77	83.13
		For Tempered Low-E Insulated Glass, Add	*348.33*	
08 52 16 00-0433	EA	48" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	2,052.61	87.69
		For Tempered Low-E Insulated Glass, Add	*375.67*	
08 52 16 00-0434	EA	56-1/2" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	2,222.00	91.67
		For Tempered Low-E Insulated Glass, Add	*407.73*	
08 52 16 00-0435		One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0319)*		
08 52 16 00-0436		24-1/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0435)*		
08 52 16 00-0437	EA	71-7/8" x 24-1/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,569.32	73.46
		For Tempered Low-E Insulated Glass, Add	*284.48*	
08 52 16 00-0438	EA	84-5/8" x 24-1/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,826.02	80.86
		For Tempered Low-E Insulated Glass, Add	*332.86*	
08 52 16 00-0439		28-3/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0435)*		
08 52 16 00-0440	EA	71-7/8" x 28-3/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,663.75	75.73
		For Tempered Low-E Insulated Glass, Add	*302.46*	
08 52 16 00-0441	EA	84-5/8" x 28-3/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,906.45	83.13
		For Tempered Low-E Insulated Glass, Add	*348.04*	
08 52 16 00-0442		35-15/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0435)*		
08 52 16 00-0443	EA	61" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,600.24	74.02
		For Tempered Low-E Insulated Glass, Add	*290.44*	
08 52 16 00-0444	EA	71-7/8" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,809.15	79.72
		For Tempered Low-E Insulated Glass, Add	*329.94*	
08 52 16 00-0445	EA	84-5/8" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	2,066.75	87.69
		For Tempered Low-E Insulated Glass, Add	*378.50*	
08 52 16 00-0446		40-13/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0435)*		
08 52 16 00-0447	EA	61" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,693.06	77.44
		For Tempered Low-E Insulated Glass, Add	*307.86*	
08 52 16 00-0448	EA	71-7/8" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,909.13	82.56
		For Tempered Low-E Insulated Glass, Add	*348.80*	
08 52 16 00-0449	EA	84-5/8" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	2,164.36	89.97
		For Tempered Low-E Insulated Glass, Add	*396.89*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0450		48" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0435)*		
08 52 16 00-0451	EA	71-7/8" x 48", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	2,052.61	87.12
		For Tempered Low-E Insulated Glass, Add	*375.67*	
08 52 16 00-0452	EA	84-5/8" x 48", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	2,307.84	94.52
		For Tempered Low-E Insulated Glass, Add	*423.76*	
08 52 16 00-0453		52-13/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0435)*		
08 52 16 00-0454	EA	71-7/8" x 52-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	2,149.08	89.39
		For Tempered Low-E Insulated Glass, Add	*394.06*	
08 52 16 00-0455	EA	84-5/8" x 52-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	2,404.33	96.79
		For Tempered Low-E Insulated Glass, Add	*442.15*	
08 52 16 00-0456		59-7/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0435)*		
08 52 16 00-0457	EA	71-7/8" x 59-7/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	2,289.06	93.38
		For Tempered Low-E Insulated Glass, Add	*420.46*	
08 52 16 00-0458	EA	84-5/8" x 59-7/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	2,546.65	101.35
		For Tempered Low-E Insulated Glass, Add	*469.02*	
08 52 16 00-0459		Awning Wood Clad Windows *(08 52 16)*		
		Note: Awning windows are hinged at the top of the frame and swing outward with a crank or push out operation.		
08 52 16 00-0460		Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0459)*		
		Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0461		Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0460)*		
08 52 16 00-0462		17" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0461)*		
08 52 16 00-0463	EA	24-1/8" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	487.28	46.70
		For Tempered Clear Insulated Glass, Add	*78.78*	
08 52 16 00-0464	EA	28-3/8" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	522.00	48.97
		For Tempered Clear Insulated Glass, Add	*84.81*	
08 52 16 00-0465	EA	31-1/2" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	550.49	50.67
		For Tempered Clear Insulated Glass, Add	*89.83*	
08 52 16 00-0466	EA	35-15/16" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	586.56	52.96
		For Tempered Clear Insulated Glass, Add	*96.13*	
08 52 16 00-0467	EA	40-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	628.08	55.80
		For Tempered Clear Insulated Glass, Add	*103.30*	
08 52 16 00-0468	EA	48" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	691.88	60.36
		For Tempered Clear Insulated Glass, Add	*114.23*	
08 52 16 00-0469	EA	52-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	732.26	62.63
		For Tempered Clear Insulated Glass, Add	*121.40*	
08 52 16 00-0470	EA	59-7/8" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	791.14	67.19
		For Tempered Clear Insulated Glass, Add	*131.58*	
08 52 16 00-0471	EA	64-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	812.97	69.47
		For Tempered Clear Insulated Glass, Add	*134.81*	
08 52 16 00-0472	EA	71-7/8" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	871.21	73.46
		For Tempered Clear Insulated Glass, Add	*144.86*	
08 52 16 00-0473		20-1/2" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0461)*		
08 52 16 00-0474	EA	24-1/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	514.25	48.97
		For Tempered Clear Insulated Glass, Add	*83.49*	
08 52 16 00-0475	EA	28-3/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	551.82	51.25
		For Tempered Clear Insulated Glass, Add	*90.09*	
08 52 16 00-0476	EA	31-1/2" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	576.30	52.38
		For Tempered Clear Insulated Glass, Add	*94.31*	
08 52 16 00-0477	EA	35-15/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	616.38	54.66
		For Tempered Clear Insulated Glass, Add	*101.41*	
08 52 16 00-0478	EA	40-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	657.90	58.08
		For Tempered Clear Insulated Glass, Add	*108.58*	
08 52 16 00-0479	EA	48" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	719.81	62.07
		For Tempered Clear Insulated Glass, Add	*119.14*	
08 52 16 00-0480	EA	52-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	760.18	64.91
		For Tempered Clear Insulated Glass, Add	*126.30*	
08 52 16 00-0481	EA	59-7/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	820.96	68.33
		For Tempered Clear Insulated Glass, Add	*136.86*	
08 52 16 00-0482	EA	64-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	840.60	71.74
		For Tempered Clear Insulated Glass, Add	*139.65*	

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08 52 16 00-0483	EA	71-7/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	900.70	75.16
		For Tempered Clear Insulated Glass, Add	*150.08*	
08 52 16 00-0484	EA	84-5/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,394.40	83.13
		For Tempered Clear Insulated Glass, Add	*245.86*	

08 52 16 00-0485 24-1/8" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0461)*

08 52 16 00-0486	EA	24-1/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	548.05	51.25
		For Tempered Clear Insulated Glass, Add	*89.34*	
08 52 16 00-0487	EA	28-3/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	582.78	53.52
		For Tempered Clear Insulated Glass, Add	*95.37*	
08 52 16 00-0488	EA	31-1/2" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	606.45	54.66
		For Tempered Clear Insulated Glass, Add	*99.42*	
08 52 16 00-0489	EA	35-15/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	647.33	56.94
		For Tempered Clear Insulated Glass, Add	*106.69*	
08 52 16 00-0490	EA	40-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	688.86	60.36
		For Tempered Clear Insulated Glass, Add	*113.86*	
08 52 16 00-0491	EA	48" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	752.64	64.34
		For Tempered Clear Insulated Glass, Add	*124.79*	
08 52 16 00-0492	EA	52-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	793.03	67.19
		For Tempered Clear Insulated Glass, Add	*131.96*	
08 52 16 00-0493	EA	59-7/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	853.80	70.61
		For Tempered Clear Insulated Glass, Add	*142.52*	
08 52 16 00-0494	EA	64-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	871.21	74.02
		For Tempered Clear Insulated Glass, Add	*144.86*	
08 52 16 00-0495	EA	71-7/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	929.39	77.44
		For Tempered Clear Insulated Glass, Add	*154.90*	
08 52 16 00-0496	EA	84-5/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,467.73	85.41
		For Tempered Clear Insulated Glass, Add	*259.61*	

08 52 16 00-0497 28-3/8" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0461)*

08 52 16 00-0498	EA	24-1/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	546.96	53.52
		For Tempered Clear Insulated Glass, Add	*88.21*	
08 52 16 00-0499	EA	28-3/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	600.55	55.80
		For Tempered Clear Insulated Glass, Add	*98.02*	
08 52 16 00-0500	EA	31-1/2" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	634.99	56.94
		For Tempered Clear Insulated Glass, Add	*104.22*	
08 52 16 00-0501	EA	35-15/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	699.02	59.22
		For Tempered Clear Insulated Glass, Add	*116.12*	
08 52 16 00-0502	EA	40-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	763.18	62.63
		For Tempered Clear Insulated Glass, Add	*127.81*	
08 52 16 00-0503	EA	48" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	857.15	66.62
		For Tempered Clear Insulated Glass, Add	*144.78*	
08 52 16 00-0504	EA	52-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	918.27	69.47
		For Tempered Clear Insulated Glass, Add	*156.10*	
08 52 16 00-0505	EA	59-7/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,011.10	72.88
		For Tempered Clear Insulated Glass, Add	*173.07*	
08 52 16 00-0506	EA	64-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,045.20	76.30
		For Tempered Clear Insulated Glass, Add	*178.75*	
08 52 16 00-0507	EA	71-7/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,135.09	79.72
		For Tempered Clear Insulated Glass, Add	*195.13*	
08 52 16 00-0508	EA	84-5/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,507.62	87.69
		For Tempered Clear Insulated Glass, Add	*266.68*	

08 52 16 00-0509 31-1/2" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0461)*

08 52 16 00-0510	EA	28-3/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	634.99	56.94
		For Tempered Clear Insulated Glass, Add	*104.22*	
08 52 16 00-0511	EA	31-1/2" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	671.98	58.65
		For Tempered Clear Insulated Glass, Add	*110.94*	
08 52 16 00-0512	EA	35-15/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	722.92	60.92
		For Tempered Clear Insulated Glass, Add	*120.21*	
08 52 16 00-0513	EA	40-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	779.79	63.77
		For Tempered Clear Insulated Glass, Add	*130.45*	
08 52 16 00-0514	EA	48" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	862.47	68.33
		For Tempered Clear Insulated Glass, Add	*145.16*	
08 52 16 00-0515	EA	52-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	919.80	70.61
		For Tempered Clear Insulated Glass, Add	*155.72*	
08 52 16 00-0516	EA	59-7/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,001.34	75.16
		For Tempered Clear Insulated Glass, Add	*170.43*	
08 52 16 00-0517	EA	64-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,058.22	77.44
		For Tempered Clear Insulated Glass, Add	*180.67*	
08 52 16 00-0518	EA	71-7/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,141.35	81.42
		For Tempered Clear Insulated Glass, Add	*195.70*	
08 52 16 00-0519	EA	84-5/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,608.27	88.83
		For Tempered Clear Insulated Glass, Add	*286.12*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0520		35-15/16" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0461)*		
08 52 16 00-0521	EA	31-1/2" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	722.92	60.92
		For Tempered Clear Insulated Glass, Add	*120.21*	
08 52 16 00-0522	EA	35-15/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	795.62	63.21
		For Tempered Clear Insulated Glass, Add	*133.84*	
08 52 16 00-0523	EA	40-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	859.78	66.05
		For Tempered Clear Insulated Glass, Add	*145.54*	
08 52 16 00-0524	EA	48" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	953.74	70.61
		For Tempered Clear Insulated Glass, Add	*162.51*	
08 52 16 00-0525	EA	52-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,016.75	72.88
		For Tempered Clear Insulated Glass, Add	*174.20*	
08 52 16 00-0526	EA	59-7/8" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,107.70	77.44
		For Tempered Clear Insulated Glass, Add	*190.79*	
08 52 16 00-0527	EA	64-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	965.66	79.72
		For Tempered Clear Insulated Glass, Add	*161.25*	
08 52 16 00-0528	EA	71-7/8" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,036.94	83.71
		For Tempered Clear Insulated Glass, Add	*173.91*	
08 52 16 00-0529		40-3/4" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0461)*		
08 52 16 00-0530	EA	35-15/16" x 40-3/4", Venting, Awning Wood Clad Window (Andersen 200 Series)	848.46	66.05
		For Tempered Clear Insulated Glass, Add	*143.27*	
08 52 16 00-0531	EA	40-13/16" x 40-3/4", Venting, Awning Wood Clad Window (Andersen 200 Series)	955.98	69.47
		For Tempered Clear Insulated Glass, Add	*163.64*	
08 52 16 00-0532		48" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0461)*		
08 52 16 00-0533	EA	35-15/16" x 48", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,010.32	70.61
		For Tempered Clear Insulated Glass, Add	*173.82*	
08 52 16 00-0534	EA	40-13/16" x 48", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,119.72	74.02
		For Tempered Clear Insulated Glass, Add	*194.56*	
08 52 16 00-0535	EA	48" x 48", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,279.69	78.01
		For Tempered Clear Insulated Glass, Add	*224.74*	
08 52 16 00-0536		59-13/16" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0461)*		
08 52 16 00-0537	EA	35-15/16" x 59-13/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,252.50	76.87
		For Tempered Clear Insulated Glass, Add	*219.75*	
08 52 16 00-0538	EA	40-13/16" x 59-13/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,348.25	79.72
		For Tempered Clear Insulated Glass, Add	*237.76*	
08 52 16 00-0539		71-7/8" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0461)*		
08 52 16 00-0540	EA	24-1/8" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,370.72	77.44
		For Tempered Clear Insulated Glass, Add	*243.17*	
08 52 16 00-0541	EA	35-15/16" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,417.62	83.71
		For Tempered Clear Insulated Glass, Add	*250.04*	
08 52 16 00-0542	EA	40-13/16" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,569.83	86.54
		For Tempered Clear Insulated Glass, Add	*279.35*	
08 52 16 00-0543	EA	48" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,725.10	91.11
		For Tempered Clear Insulated Glass, Add	*308.58*	
08 52 16 00-0544		Stationary, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0460)*		
08 52 16 00-0545		17" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0544)*		
08 52 16 00-0546	EA	24-1/8" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	428.83	46.70
		For Tempered Clear Insulated Glass, Add	*67.09*	
08 52 16 00-0547	EA	28-3/8" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	461.66	48.97
		For Tempered Clear Insulated Glass, Add	*72.75*	
08 52 16 00-0548	EA	31-1/2" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	483.32	50.67
		For Tempered Clear Insulated Glass, Add	*76.39*	
08 52 16 00-0549	EA	35-15/16" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	518.67	52.96
		For Tempered Clear Insulated Glass, Add	*82.55*	
08 52 16 00-0550	EA	40-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	556.42	55.80
		For Tempered Clear Insulated Glass, Add	*88.96*	
08 52 16 00-0551	EA	48" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	614.57	60.36
		For Tempered Clear Insulated Glass, Add	*98.77*	
08 52 16 00-0552	EA	52-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	649.29	62.63
		For Tempered Clear Insulated Glass, Add	*104.80*	
08 52 16 00-0553	EA	59-7/8" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	704.40	67.19
		For Tempered Clear Insulated Glass, Add	*114.23*	
08 52 16 00-0554	EA	64-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	742.15	69.47
		For Tempered Clear Insulated Glass, Add	*120.64*	
08 52 16 00-0555	EA	71-7/8" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	797.26	73.46
		For Tempered Clear Insulated Glass, Add	*130.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0556		**20-1/2" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0544)*		
08 52 16 00-0557	EA	24-1/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	454.86	48.97
		For Tempered Clear Insulated Glass, Add	*71.61*	
08 52 16 00-0558	EA	28-3/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	487.71	51.25
		For Tempered Clear Insulated Glass, Add	*77.27*	
08 52 16 00-0559	EA	31-1/2" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	507.53	52.38
		For Tempered Clear Insulated Glass, Add	*80.55*	
08 52 16 00-0560	EA	35-15/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	546.60	54.66
		For Tempered Clear Insulated Glass, Add	*87.45*	
08 52 16 00-0561	EA	40-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	584.35	58.08
		For Tempered Clear Insulated Glass, Add	*93.87*	
08 52 16 00-0562	EA	48" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	640.61	62.07
		For Tempered Clear Insulated Glass, Add	*103.30*	
08 52 16 00-0563	EA	52-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	677.21	64.91
		For Tempered Clear Insulated Glass, Add	*109.71*	
08 52 16 00-0564	EA	59-7/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	730.44	68.33
		For Tempered Clear Insulated Glass, Add	*118.76*	
08 52 16 00-0565	EA	64-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	770.08	71.74
		For Tempered Clear Insulated Glass, Add	*125.55*	
08 52 16 00-0566	EA	71-7/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	823.31	75.16
		For Tempered Clear Insulated Glass, Add	*134.60*	
08 52 16 00-0567		**24-1/8" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0544)*		
08 52 16 00-0568	EA	24-1/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	483.94	51.25
		For Tempered Clear Insulated Glass, Add	*76.52*	
08 52 16 00-0569	EA	28-3/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	516.78	53.52
		For Tempered Clear Insulated Glass, Add	*82.17*	
08 52 16 00-0570	EA	31-1/2" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	534.48	54.66
		For Tempered Clear Insulated Glass, Add	*85.03*	
08 52 16 00-0571	EA	35-15/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	573.78	56.94
		For Tempered Clear Insulated Glass, Add	*91.98*	
08 52 16 00-0572	EA	40-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	611.54	60.36
		For Tempered Clear Insulated Glass, Add	*98.39*	
08 52 16 00-0573	EA	48" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	667.78	64.34
		For Tempered Clear Insulated Glass, Add	*107.82*	
08 52 16 00-0574	EA	52-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	704.40	67.19
		For Tempered Clear Insulated Glass, Add	*114.23*	
08 52 16 00-0575	EA	59-7/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	759.51	70.61
		For Tempered Clear Insulated Glass, Add	*123.66*	
08 52 16 00-0576	EA	64-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	797.26	74.02
		For Tempered Clear Insulated Glass, Add	*130.07*	
08 52 16 00-0577	EA	71-7/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	852.39	77.44
		For Tempered Clear Insulated Glass, Add	*139.50*	
08 52 16 00-0578		**28-3/8" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0544)*		
08 52 16 00-0579	EA	24-1/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	486.61	53.52
		For Tempered Clear Insulated Glass, Add	*76.14*	
08 52 16 00-0580	EA	28-3/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	530.77	55.80
		For Tempered Clear Insulated Glass, Add	*84.06*	
08 52 16 00-0581	EA	31-1/2" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	555.02	56.94
		For Tempered Clear Insulated Glass, Add	*88.23*	
08 52 16 00-0582	EA	35-15/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	578.33	59.22
		For Tempered Clear Insulated Glass, Add	*91.98*	
08 52 16 00-0583	EA	40-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	661.35	62.63
		For Tempered Clear Insulated Glass, Add	*107.44*	
08 52 16 00-0584	EA	48" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	736.46	66.62
		For Tempered Clear Insulated Glass, Add	*120.64*	
08 52 16 00-0585	EA	52-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	786.27	69.47
		For Tempered Clear Insulated Glass, Add	*129.70*	
08 52 16 00-0586	EA	59-7/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	860.24	72.88
		For Tempered Clear Insulated Glass, Add	*142.90*	
08 52 16 00-0587	EA	64-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	913.08	76.30
		For Tempered Clear Insulated Glass, Add	*152.32*	
08 52 16 00-0588	EA	71-7/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	987.05	79.72
		For Tempered Clear Insulated Glass, Add	*165.52*	
08 52 16 00-0589		**31-1/2" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0544)*		
08 52 16 00-0590	EA	28-3/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	555.02	56.94
		For Tempered Clear Insulated Glass, Add	*88.23*	
08 52 16 00-0591	EA	31-1/2" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	585.62	58.65
		For Tempered Clear Insulated Glass, Add	*93.67*	
08 52 16 00-0592	EA	35-15/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	626.96	60.92
		For Tempered Clear Insulated Glass, Add	*101.02*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0593	EA	40-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	674.23	63.77
		For Tempered Clear Insulated Glass, Add	*109.34*	
08 52 16 00-0594	EA	48" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	742.52	68.33
		For Tempered Clear Insulated Glass, Add	*121.17*	
08 52 16 00-0595	EA	52-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	788.66	70.61
		For Tempered Clear Insulated Glass, Add	*129.49*	
08 52 16 00-0596	EA	59-7/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	855.80	75.16
		For Tempered Clear Insulated Glass, Add	*141.32*	
08 52 16 00-0597	EA	64-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	901.49	77.44
		For Tempered Clear Insulated Glass, Add	*149.32*	
08 52 16 00-0598	EA	71-7/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	968.63	81.42
		For Tempered Clear Insulated Glass, Add	*161.16*	
08 52 16 00-0599		35-15/16" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0544)*		
08 52 16 00-0600	EA	31-1/2" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	626.96	60.92
		For Tempered Clear Insulated Glass, Add	*101.02*	
08 52 16 00-0601	EA	35-15/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	688.13	63.21
		For Tempered Clear Insulated Glass, Add	*112.35*	
08 52 16 00-0602	EA	40-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	739.09	66.05
		For Tempered Clear Insulated Glass, Add	*121.40*	
08 52 16 00-0603	EA	48" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	816.09	70.61
		For Tempered Clear Insulated Glass, Add	*134.98*	
08 52 16 00-0604	EA	52-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	865.89	72.88
		For Tempered Clear Insulated Glass, Add	*144.03*	
08 52 16 00-0605	EA	59-7/8" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	939.87	77.44
		For Tempered Clear Insulated Glass, Add	*157.23*	
08 52 16 00-0606	EA	64-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	990.82	79.72
		For Tempered Clear Insulated Glass, Add	*166.28*	
08 52 16 00-0607	EA	71-7/8" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	1,064.79	83.71
		For Tempered Clear Insulated Glass, Add	*179.48*	
08 52 16 00-0608		Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0459)*		
		Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0609		Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0608)*		
08 52 16 00-0610		17" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0609)*		
08 52 16 00-0611	EA	24-1/8" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	580.63	46.70
		For Tempered Low-E Insulated Glass, Add	*97.45*	
08 52 16 00-0612	EA	28-3/8" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	622.89	48.97
		For Tempered Low-E Insulated Glass, Add	*104.99*	
08 52 16 00-0613	EA	31-1/2" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	657.64	50.67
		For Tempered Low-E Insulated Glass, Add	*111.26*	
08 52 16 00-0614	EA	35-15/16" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	701.59	52.96
		For Tempered Low-E Insulated Glass, Add	*119.14*	
08 52 16 00-0615	EA	40-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	752.06	55.80
		For Tempered Low-E Insulated Glass, Add	*128.09*	
08 52 16 00-0616	EA	48" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	829.54	60.36
		For Tempered Low-E Insulated Glass, Add	*141.76*	
08 52 16 00-0617	EA	52-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	878.88	62.63
		For Tempered Low-E Insulated Glass, Add	*150.72*	
08 52 16 00-0618	EA	59-7/8" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	950.49	67.19
		For Tempered Low-E Insulated Glass, Add	*163.45*	
08 52 16 00-0619	EA	64-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	976.35	69.47
		For Tempered Low-E Insulated Glass, Add	*167.48*	
08 52 16 00-0620	EA	71-7/8" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,047.16	73.46
		For Tempered Low-E Insulated Glass, Add	*180.05*	
08 52 16 00-0621		20-1/2" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0609)*		
08 52 16 00-0622	EA	24-1/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	613.49	48.97
		For Tempered Low-E Insulated Glass, Add	*103.34*	
08 52 16 00-0623	EA	28-3/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	659.31	51.25
		For Tempered Low-E Insulated Glass, Add	*111.59*	
08 52 16 00-0624	EA	31-1/2" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	689.05	52.38
		For Tempered Low-E Insulated Glass, Add	*116.86*	
08 52 16 00-0625	EA	35-15/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	738.01	54.66
		For Tempered Low-E Insulated Glass, Add	*125.74*	
08 52 16 00-0626	EA	40-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	788.48	58.08
		For Tempered Low-E Insulated Glass, Add	*134.69*	
08 52 16 00-0627	EA	48" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	863.59	62.07
		For Tempered Low-E Insulated Glass, Add	*147.89*	
08 52 16 00-0628	EA	52-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	912.93	64.91
		For Tempered Low-E Insulated Glass, Add	*156.85*	
08 52 16 00-0629	EA	59-7/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	986.90	68.33
		For Tempered Low-E Insulated Glass, Add	*170.05*	
08 52 16 00-0630	EA	64-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,010.02	71.74
		For Tempered Low-E Insulated Glass, Add	*173.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0631	EA	71-7/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,083.16	75.16
		For Tempered Low-E Insulated Glass, Add	*186.57*	
08 52 16 00-0632	EA	84-5/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,696.59	83.13
		For Tempered Low-E Insulated Glass, Add	*306.29*	

08 52 16 00-0633 24-1/8" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0609)*

08 52 16 00-0634	EA	24-1/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	654.60	51.25
		For Tempered Low-E Insulated Glass, Add	*110.65*	
08 52 16 00-0635	EA	28-3/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	696.87	53.52
		For Tempered Low-E Insulated Glass, Add	*118.19*	
08 52 16 00-0636	EA	31-1/2" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	725.59	54.66
		For Tempered Low-E Insulated Glass, Add	*123.25*	
08 52 16 00-0637	EA	35-15/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	775.56	56.94
		For Tempered Low-E Insulated Glass, Add	*132.34*	
08 52 16 00-0638	EA	40-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	826.04	60.36
		For Tempered Low-E Insulated Glass, Add	*141.29*	
08 52 16 00-0639	EA	48" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	903.50	64.34
		For Tempered Low-E Insulated Glass, Add	*154.96*	
08 52 16 00-0640	EA	52-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	952.85	67.19
		For Tempered Low-E Insulated Glass, Add	*163.92*	
08 52 16 00-0641	EA	59-7/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,026.82	70.61
		For Tempered Low-E Insulated Glass, Add	*177.12*	
08 52 16 00-0642	EA	64-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,047.16	74.02
		For Tempered Low-E Insulated Glass, Add	*180.05*	
08 52 16 00-0643	EA	71-7/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,117.89	77.44
		For Tempered Low-E Insulated Glass, Add	*192.60*	
08 52 16 00-0644	EA	84-5/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,787.11	85.41
		For Tempered Low-E Insulated Glass, Add	*323.49*	

08 52 16 00-0645 28-3/8" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0609)*

08 52 16 00-0646	EA	24-1/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	652.09	53.52
		For Tempered Low-E Insulated Glass, Add	*109.24*	
08 52 16 00-0647	EA	28-3/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	717.93	55.80
		For Tempered Low-E Insulated Glass, Add	*121.49*	
08 52 16 00-0648	EA	31-1/2" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	760.13	56.94
		For Tempered Low-E Insulated Glass, Add	*129.25*	
08 52 16 00-0649	EA	35-15/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	839.04	59.22
		For Tempered Low-E Insulated Glass, Add	*144.12*	
08 52 16 00-0650	EA	40-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	917.81	62.63
		For Tempered Low-E Insulated Glass, Add	*158.74*	
08 52 16 00-0651	EA	48" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,032.99	66.62
		For Tempered Low-E Insulated Glass, Add	*179.95*	
08 52 16 00-0652	EA	52-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,108.25	69.47
		For Tempered Low-E Insulated Glass, Add	*194.09*	
08 52 16 00-0653	EA	59-7/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,222.30	72.88
		For Tempered Low-E Insulated Glass, Add	*215.31*	
08 52 16 00-0654	EA	64-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,263.50	76.30
		For Tempered Low-E Insulated Glass, Add	*222.41*	
08 52 16 00-0655	EA	71-7/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,579.16	79.72
		For Tempered Low-E Insulated Glass, Add	*283.95*	
08 52 16 00-0656	EA	84-5/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,835.83	87.69
		For Tempered Low-E Insulated Glass, Add	*332.32*	

08 52 16 00-0657 31-1/2" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0609)*

08 52 16 00-0658	EA	28-3/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	760.13	56.94
		For Tempered Low-E Insulated Glass, Add	*129.25*	
08 52 16 00-0659	EA	31-1/2" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	805.52	58.65
		For Tempered Low-E Insulated Glass, Add	*137.65*	
08 52 16 00-0660	EA	35-15/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	868.06	60.92
		For Tempered Low-E Insulated Glass, Add	*149.24*	
08 52 16 00-0661	EA	40-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	937.72	63.77
		For Tempered Low-E Insulated Glass, Add	*162.04*	
08 52 16 00-0662	EA	48" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,038.79	68.33
		For Tempered Low-E Insulated Glass, Add	*180.43*	
08 52 16 00-0663	EA	52-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,109.32	70.61
		For Tempered Low-E Insulated Glass, Add	*193.62*	
08 52 16 00-0664	EA	59-7/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,209.25	75.16
		For Tempered Low-E Insulated Glass, Add	*212.01*	
08 52 16 00-0665	EA	64-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,278.92	77.44
		For Tempered Low-E Insulated Glass, Add	*224.81*	
08 52 16 00-0666	EA	71-7/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,380.85	81.42
		For Tempered Low-E Insulated Glass, Add	*243.60*	
08 52 16 00-0667	EA	84-5/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,960.80	88.83
		For Tempered Low-E Insulated Glass, Add	*356.63*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0668		35-15/16" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0609)*		
08 52 16 00-0669	EA	31-1/2" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	868.06	60.92
		For Tempered Low-E Insulated Glass, Add	*149.24*	
08 52 16 00-0670	EA	35-15/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	957.79	63.21
		For Tempered Low-E Insulated Glass, Add	*166.28*	
08 52 16 00-0671	EA	40-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,036.56	66.05
		For Tempered Low-E Insulated Glass, Add	*180.89*	
08 52 16 00-0672	EA	48" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,151.75	70.61
		For Tempered Low-E Insulated Glass, Add	*202.11*	
08 52 16 00-0673	EA	52-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,229.37	72.88
		For Tempered Low-E Insulated Glass, Add	*216.72*	
08 52 16 00-0674	EA	59-7/8" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,341.06	77.44
		For Tempered Low-E Insulated Glass, Add	*237.46*	
08 52 16 00-0675	EA	64-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,162.09	79.72
		For Tempered Low-E Insulated Glass, Add	*200.53*	
08 52 16 00-0676	EA	71-7/8" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,249.19	83.71
		For Tempered Low-E Insulated Glass, Add	*216.36*	
08 52 16 00-0677		40-3/4" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0609)*		
08 52 16 00-0678	EA	35-15/16" x 40-3/4", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,016.72	66.05
		For Tempered Low-E Insulated Glass, Add	*178.06*	
08 52 16 00-0679	EA	40-13/16" x 40-3/4", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,158.82	70.61
		For Tempered Low-E Insulated Glass, Add	*203.52*	
08 52 16 00-0680		48" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0609)*		
08 52 16 00-0681	EA	35-15/16" x 48", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,222.46	70.61
		For Tempered Low-E Insulated Glass, Add	*216.25*	
08 52 16 00-0682	EA	40-13/16" x 48", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,357.80	74.02
		For Tempered Low-E Insulated Glass, Add	*242.18*	
08 52 16 00-0683	EA	48" x 48", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,555.48	78.01
		For Tempered Low-E Insulated Glass, Add	*279.89*	
08 52 16 00-0684		59-13/16" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0609)*		
08 52 16 00-0685	EA	35-15/16" x 59-13/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,522.06	76.87
		For Tempered Low-E Insulated Glass, Add	*273.66*	
08 52 16 00-0686	EA	40-13/16" x 59-13/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,640.32	79.72
		For Tempered Low-E Insulated Glass, Add	*296.18*	
08 52 16 00-0687		71-7/8" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0609)*		
08 52 16 00-0688	EA	24-1/8" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,669.55	77.44
		For Tempered Low-E Insulated Glass, Add	*302.93*	
08 52 16 00-0689	EA	35-15/16" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,725.04	83.71
		For Tempered Low-E Insulated Glass, Add	*311.53*	
08 52 16 00-0690	EA	40-13/16" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,913.88	86.54
		For Tempered Low-E Insulated Glass, Add	*348.16*	
08 52 16 00-0691	EA	48" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	2,105.68	91.11
		For Tempered Low-E Insulated Glass, Add	*384.69*	
08 52 16 00-0692		Stationary, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0608)*		
08 52 16 00-0693		17" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0692)*		
08 52 16 00-0694	EA	24-1/8" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	507.55	46.70
		For Tempered Low-E Insulated Glass, Add	*82.83*	
08 52 16 00-0695	EA	28-3/8" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	547.46	48.97
		For Tempered Low-E Insulated Glass, Add	*89.91*	
08 52 16 00-0696	EA	31-1/2" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	573.68	50.67
		For Tempered Low-E Insulated Glass, Add	*94.47*	
08 52 16 00-0697	EA	35-15/16" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	616.73	52.96
		For Tempered Low-E Insulated Glass, Add	*102.16*	
08 52 16 00-0698	EA	40-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	662.49	55.80
		For Tempered Low-E Insulated Glass, Add	*110.18*	
08 52 16 00-0699	EA	48" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	732.90	60.36
		For Tempered Low-E Insulated Glass, Add	*122.44*	
08 52 16 00-0700	EA	52-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	775.16	62.63
		For Tempered Low-E Insulated Glass, Add	*129.98*	
08 52 16 00-0701	EA	59-7/8" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	842.06	67.19
		For Tempered Low-E Insulated Glass, Add	*141.76*	
08 52 16 00-0702	EA	64-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	887.82	69.47
		For Tempered Low-E Insulated Glass, Add	*149.78*	
08 52 16 00-0703	EA	71-7/8" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	954.72	73.46
		For Tempered Low-E Insulated Glass, Add	*161.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0704		**20-1/2" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series)** *(08 52 16 00-0692)*		
08 52 16 00-0705	EA	24-1/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	539.25	48.97
		For Tempered Low-E Insulated Glass, Add	*88.49*	
08 52 16 00-0706	EA	28-3/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	579.17	51.25
		For Tempered Low-E Insulated Glass, Add	*95.56*	
08 52 16 00-0707	EA	31-1/2" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	603.09	52.38
		For Tempered Low-E Insulated Glass, Add	*99.66*	
08 52 16 00-0708	EA	35-15/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	650.79	54.66
		For Tempered Low-E Insulated Glass, Add	*108.29*	
08 52 16 00-0709	EA	40-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	696.55	58.08
		For Tempered Low-E Insulated Glass, Add	*116.31*	
08 52 16 00-0710	EA	48" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	764.59	62.07
		For Tempered Low-E Insulated Glass, Add	*128.09*	
08 52 16 00-0711	EA	52-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	809.21	64.91
		For Tempered Low-E Insulated Glass, Add	*136.11*	
08 52 16 00-0712	EA	59-7/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	873.76	68.33
		For Tempered Low-E Insulated Glass, Add	*147.42*	
08 52 16 00-0713	EA	64-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	921.88	71.74
		For Tempered Low-E Insulated Glass, Add	*155.91*	
08 52 16 00-0714	EA	71-7/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	986.43	75.16
		For Tempered Low-E Insulated Glass, Add	*167.22*	
08 52 16 00-0715		**24-1/8" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series)** *(08 52 16 00-0692)*		
08 52 16 00-0716	EA	24-1/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	574.45	51.25
		For Tempered Low-E Insulated Glass, Add	*94.62*	
08 52 16 00-0717	EA	28-3/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	614.37	53.52
		For Tempered Low-E Insulated Glass, Add	*101.69*	
08 52 16 00-0718	EA	31-1/2" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	635.63	54.66
		For Tempered Low-E Insulated Glass, Add	*105.26*	
08 52 16 00-0719	EA	35-15/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	683.63	56.94
		For Tempered Low-E Insulated Glass, Add	*113.95*	
08 52 16 00-0720	EA	40-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	729.40	60.36
		For Tempered Low-E Insulated Glass, Add	*121.96*	
08 52 16 00-0721	EA	48" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	797.43	64.34
		For Tempered Low-E Insulated Glass, Add	*133.75*	
08 52 16 00-0722	EA	52-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	842.06	67.19
		For Tempered Low-E Insulated Glass, Add	*141.76*	
08 52 16 00-0723	EA	59-7/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	908.96	70.61
		For Tempered Low-E Insulated Glass, Add	*153.55*	
08 52 16 00-0724	EA	64-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	954.72	74.02
		For Tempered Low-E Insulated Glass, Add	*161.56*	
08 52 16 00-0725	EA	71-7/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	1,021.63	77.44
		For Tempered Low-E Insulated Glass, Add	*173.35*	
08 52 16 00-0726		**28-3/8" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series)** *(08 52 16 00-0692)*		
08 52 16 00-0727	EA	24-1/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	576.66	53.52
		For Tempered Low-E Insulated Glass, Add	*94.15*	
08 52 16 00-0728	EA	28-3/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	630.72	55.80
		For Tempered Low-E Insulated Glass, Add	*104.05*	
08 52 16 00-0729	EA	31-1/2" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	660.17	56.94
		For Tempered Low-E Insulated Glass, Add	*109.26*	
08 52 16 00-0730	EA	35-15/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	688.18	59.22
		For Tempered Low-E Insulated Glass, Add	*113.95*	
08 52 16 00-0731	EA	40-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	790.52	62.63
		For Tempered Low-E Insulated Glass, Add	*133.28*	
08 52 16 00-0732	EA	48" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	882.13	66.62
		For Tempered Low-E Insulated Glass, Add	*149.78*	
08 52 16 00-0733	EA	52-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	943.25	69.47
		For Tempered Low-E Insulated Glass, Add	*161.09*	
08 52 16 00-0734	EA	59-7/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	1,033.72	72.88
		For Tempered Low-E Insulated Glass, Add	*177.59*	
08 52 16 00-0735	EA	64-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	1,098.35	76.30
		For Tempered Low-E Insulated Glass, Add	*189.38*	
08 52 16 00-0736	EA	71-7/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	1,188.82	79.72
		For Tempered Low-E Insulated Glass, Add	*205.88*	
08 52 16 00-0737		**31-1/2" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series)** *(08 52 16 00-0692)*		
08 52 16 00-0738	EA	28-3/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	660.17	56.94
		For Tempered Low-E Insulated Glass, Add	*109.26*	
08 52 16 00-0739	EA	31-1/2" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	697.57	58.65
		For Tempered Low-E Insulated Glass, Add	*116.06*	
08 52 16 00-0740	EA	35-15/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	748.11	60.92
		For Tempered Low-E Insulated Glass, Add	*125.25*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0741	EA	40-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	805.78	63.77
		For Tempered Low-E Insulated Glass, Add	*135.65*	
08 52 16 00-0742	EA	48" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	888.85	68.33
		For Tempered Low-E Insulated Glass, Add	*150.44*	
08 52 16 00-0743	EA	52-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	945.39	70.61
		For Tempered Low-E Insulated Glass, Add	*160.84*	
08 52 16 00-0744	EA	59-7/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	1,027.33	75.16
		For Tempered Low-E Insulated Glass, Add	*175.63*	
08 52 16 00-0745	EA	64-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	1,083.01	77.44
		For Tempered Low-E Insulated Glass, Add	*185.63*	
08 52 16 00-0746	EA	71-7/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	1,164.94	81.42
		For Tempered Low-E Insulated Glass, Add	*200.42*	
08 52 16 00-0747		35-15/16" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0692)*		
08 52 16 00-0748	EA	31-1/2" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	748.11	60.92
		For Tempered Low-E Insulated Glass, Add	*125.25*	
08 52 16 00-0749	EA	35-15/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	823.43	63.21
		For Tempered Low-E Insulated Glass, Add	*139.41*	
08 52 16 00-0750	EA	40-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	885.71	66.05
		For Tempered Low-E Insulated Glass, Add	*150.72*	
08 52 16 00-0751	EA	48" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	979.67	70.61
		For Tempered Low-E Insulated Glass, Add	*167.69*	
08 52 16 00-0752	EA	52-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	1,040.80	72.88
		For Tempered Low-E Insulated Glass, Add	*179.01*	
08 52 16 00-0753	EA	59-7/8" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	1,131.28	77.44
		For Tempered Low-E Insulated Glass, Add	*195.51*	
08 52 16 00-0754	EA	64-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	1,193.54	79.72
		For Tempered Low-E Insulated Glass, Add	*206.82*	
08 52 16 00-0755	EA	71-7/8" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	1,284.01	83.71
		For Tempered Low-E Insulated Glass, Add	*223.32*	
08 52 16 00-0756		Horizontal Sliding Wood Clad Windows *(08 52 16)*		
		Note: Sliding windows open horizontally with one or more operating sashes combined with stationary sashes		
08 52 16 00-0757		One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0756)*		
		Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0758		17-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0757)*		
08 52 16 00-0759	EA	47-1/2" x 17-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	603.66	60.36
		For Tempered Clear Insulated Glass, Add	*96.82*	
08 52 16 00-0760		23-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0757)*		
08 52 16 00-0761	EA	35-1/2" x 23-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	554.93	55.80
		For Tempered Clear Insulated Glass, Add	*88.44*	
08 52 16 00-0762	EA	47-1/2" x 23-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	650.05	63.77
		For Tempered Clear Insulated Glass, Add	*104.73*	
08 52 16 00-0763		35-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0757)*		
08 52 16 00-0764	EA	35-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	650.05	63.77
		For Tempered Clear Insulated Glass, Add	*104.73*	
08 52 16 00-0765	EA	47-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	745.18	70.61
		For Tempered Clear Insulated Glass, Add	*121.02*	
08 52 16 00-0766	EA	59-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	840.30	76.87
		For Tempered Clear Insulated Glass, Add	*137.31*	
08 52 16 00-0767	EA	71-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	935.42	83.71
		For Tempered Clear Insulated Glass, Add	*153.60*	
08 52 16 00-0768		41-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0757)*		
08 52 16 00-0769	EA	35-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	698.78	67.19
		For Tempered Clear Insulated Glass, Add	*113.11*	
08 52 16 00-0770	EA	47-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	791.57	74.02
		For Tempered Clear Insulated Glass, Add	*128.93*	
08 52 16 00-0771	EA	59-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	886.70	80.28
		For Tempered Clear Insulated Glass, Add	*145.23*	
08 52 16 00-0772	EA	71-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	1,063.28	87.12
		For Tempered Clear Insulated Glass, Add	*177.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0773		**47-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0757)*		
08 52 16 00-0774	EA	35-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	745.18	70.61
		For Tempered Clear Insulated Glass, Add	*121.02*	
08 52 16 00-0775	EA	47-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	840.30	77.44
		For Tempered Clear Insulated Glass, Add	*137.31*	
08 52 16 00-0776	EA	59-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	935.42	83.71
		For Tempered Clear Insulated Glass, Add	*153.60*	
08 52 16 00-0777	EA	71-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	1,030.54	90.53
		For Tempered Clear Insulated Glass, Add	*169.89*	
08 52 16 00-0778		**53-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0757)*		
08 52 16 00-0779	EA	47-1/2" x 53-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	886.70	80.86
		For Tempered Clear Insulated Glass, Add	*145.23*	
08 52 16 00-0780	EA	59-1/2" x 53-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	981.82	87.12
		For Tempered Clear Insulated Glass, Add	*161.52*	
08 52 16 00-0781	EA	71-1/2" x 53-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	1,076.94	93.95
		For Tempered Clear Insulated Glass, Add	*177.81*	
08 52 16 00-0782		**59-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0757)*		
08 52 16 00-0783	EA	47-1/2" x 59-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	935.42	84.27
		For Tempered Clear Insulated Glass, Add	*153.60*	
08 52 16 00-0784	EA	59-1/2" x 59-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	1,030.54	90.53
		For Tempered Clear Insulated Glass, Add	*169.89*	
08 52 16 00-0785	EA	71-1/2" x 59-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	1,125.84	97.37
		For Tempered Clear Insulated Glass, Add	*186.22*	
08 52 16 00-0786		**Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series)** *(08 52 16 00-0756)*		
		Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0787		**22-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series)** *(08 52 16 00-0786)*		
08 52 16 00-0788	EA	35-1/4" x 22-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	1,371.58	55.80
		For Tempered Low-E Insulated Glass, Add	*251.77*	
08 52 16 00-0789	EA	47-1/4" x 22-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	1,634.27	63.77
		For Tempered Low-E Insulated Glass, Add	*301.57*	
08 52 16 00-0790		**35-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series)** *(08 52 16 00-0786)*		
08 52 16 00-0791	EA	35-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	1,655.21	63.77
		For Tempered Low-E Insulated Glass, Add	*305.76*	
08 52 16 00-0792	EA	47-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	1,920.24	70.61
		For Tempered Low-E Insulated Glass, Add	*356.03*	
08 52 16 00-0793	EA	59-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	2,182.93	76.87
		For Tempered Low-E Insulated Glass, Add	*405.84*	
08 52 16 00-0794	EA	71-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	2,445.61	83.71
		For Tempered Low-E Insulated Glass, Add	*455.64*	
08 52 16 00-0795		**41-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series)** *(08 52 16 00-0786)*		
08 52 16 00-0796	EA	35-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	1,787.73	67.19
		For Tempered Low-E Insulated Glass, Add	*330.90*	
08 52 16 00-0797	EA	47-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	2,050.41	74.02
		For Tempered Low-E Insulated Glass, Add	*380.70*	
08 52 16 00-0798	EA	59-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	2,315.43	80.28
		For Tempered Low-E Insulated Glass, Add	*430.97*	
08 52 16 00-0799	EA	71-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	2,578.13	87.12
		For Tempered Low-E Insulated Glass, Add	*480.78*	
08 52 16 00-0800		**47-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series)** *(08 52 16 00-0786)*		
08 52 16 00-0801	EA	35-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	1,920.24	70.61
		For Tempered Low-E Insulated Glass, Add	*356.03*	
08 52 16 00-0802	EA	47-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	2,182.93	77.44
		For Tempered Low-E Insulated Glass, Add	*405.84*	
08 52 16 00-0803	EA	59-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	2,445.61	83.71
		For Tempered Low-E Insulated Glass, Add	*455.64*	
08 52 16 00-0804	EA	71-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	2,710.63	90.53
		For Tempered Low-E Insulated Glass, Add	*505.91*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0805		59-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0786)*		
08 52 16 00-0806	EA	35-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	2,182.93	77.44
		For Tempered Low-E Insulated Glass, Add	*405.84*	
08 52 16 00-0807	EA	47-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	2,445.61	84.27
		For Tempered Low-E Insulated Glass, Add	*455.64*	
08 52 16 00-0808	EA	59-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	2,710.63	90.53
		For Tempered Low-E Insulated Glass, Add	*505.91*	
08 52 16 00-0809	EA	71-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	2,973.32	97.37
		For Tempered Low-E Insulated Glass, Add	*555.72*	
08 52 16 00-0810		Picture Wood Clad Windows *(08 52 16)* Note: Picture windows are fixed windows.		
08 52 16 00-0811		Picture Wood Clad Windows For Awning And Casement Windows *(08 52 16 00-0810)*		
08 52 16 00-0812		Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0811)* Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0813		12" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0812)*		
08 52 16 00-0814	EA	40-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	475.15	45.55
		For Tempered Clear Insulated Glass, Add	*76.81*	
08 52 16 00-0815	EA	48" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	557.00	50.11
		For Tempered Clear Insulated Glass, Add	*91.36*	
08 52 16 00-0816	EA	52-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	592.00	52.38
		For Tempered Clear Insulated Glass, Add	*97.45*	
08 52 16 00-0817	EA	59-7/8" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	642.27	56.94
		For Tempered Clear Insulated Glass, Add	*105.91*	
08 52 16 00-0818	EA	64-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	676.72	59.22
		For Tempered Clear Insulated Glass, Add	*111.66*	
08 52 16 00-0819	EA	71-7/8" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	726.98	63.77
		For Tempered Clear Insulated Glass, Add	*120.12*	
08 52 16 00-0820		35-15/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0812)*		
08 52 16 00-0821	EA	35-15/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	525.92	55.80
		For Tempered Clear Insulated Glass, Add	*82.86*	
08 52 16 00-0822	EA	40-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	609.89	59.22
		For Tempered Clear Insulated Glass, Add	*98.52*	
08 52 16 00-0823	EA	48" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	733.56	63.21
		For Tempered Clear Insulated Glass, Add	*121.43*	
08 52 16 00-0824	EA	52-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	814.49	65.48
		For Tempered Clear Insulated Glass, Add	*136.71*	
08 52 16 00-0825	EA	59-7/8" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	935.11	69.47
		For Tempered Clear Insulated Glass, Add	*159.24*	
08 52 16 00-0826	EA	64-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,019.09	72.32
		For Tempered Clear Insulated Glass, Add	*174.89*	
08 52 16 00-0827	EA	71-7/8" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,521.57	76.30
		For Tempered Clear Insulated Glass, Add	*273.79*	
08 52 16 00-0828		40-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0812)*		
08 52 16 00-0829	EA	35-15/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	609.89	59.22
		For Tempered Clear Insulated Glass, Add	*98.52*	
08 52 16 00-0830	EA	40-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	693.87	61.50
		For Tempered Clear Insulated Glass, Add	*114.18*	
08 52 16 00-0831	EA	48" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	817.54	66.05
		For Tempered Clear Insulated Glass, Add	*137.09*	
08 52 16 00-0832	EA	52-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	898.46	68.33
		For Tempered Clear Insulated Glass, Add	*152.36*	
08 52 16 00-0833	EA	59-7/8" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,019.09	72.88
		For Tempered Clear Insulated Glass, Add	*174.89*	
08 52 16 00-0834	EA	64-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,103.06	75.16
		For Tempered Clear Insulated Glass, Add	*190.55*	
08 52 16 00-0835	EA	71-7/8" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,223.68	79.72
		For Tempered Clear Insulated Glass, Add	*213.08*	
08 52 16 00-0836		48" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0812)*		
08 52 16 00-0837	EA	35-15/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	733.56	63.77
		For Tempered Clear Insulated Glass, Add	*121.43*	
08 52 16 00-0838	EA	40-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	817.54	66.05
		For Tempered Clear Insulated Glass, Add	*137.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0839	EA	48" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	941.21	70.61
		For Tempered Clear Insulated Glass, Add	*160.00*	
08 52 16 00-0840	EA	52-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,022.13	72.88
		For Tempered Clear Insulated Glass, Add	*175.27*	
08 52 16 00-0841	EA	59-7/8" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,142.76	77.44
		For Tempered Clear Insulated Glass, Add	*197.80*	
08 52 16 00-0842	EA	64-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,226.73	79.72
		For Tempered Clear Insulated Glass, Add	*213.46*	
08 52 16 00-0843	EA	71-7/8" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,347.35	84.27
		For Tempered Clear Insulated Glass, Add	*235.99*	

08 52 16 00-0844 52-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0812)*

08 52 16 00-0845	EA	35-15/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	814.49	66.05
		For Tempered Clear Insulated Glass, Add	*136.71*	
08 52 16 00-0846	EA	40-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	898.46	68.33
		For Tempered Clear Insulated Glass, Add	*152.36*	
08 52 16 00-0847	EA	48" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,022.13	72.88
		For Tempered Clear Insulated Glass, Add	*175.27*	
08 52 16 00-0848	EA	52-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,103.06	75.16
		For Tempered Clear Insulated Glass, Add	*190.55*	
08 52 16 00-0849	EA	59-7/8" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,223.68	79.72
		For Tempered Clear Insulated Glass, Add	*213.08*	
08 52 16 00-0850	EA	64-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,307.66	81.99
		For Tempered Clear Insulated Glass, Add	*228.73*	
08 52 16 00-0851	EA	71-7/8" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,540.93	86.54
		For Tempered Clear Insulated Glass, Add	*273.79*	

08 52 16 00-0852 59-7/8" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0812)*

08 52 16 00-0853	EA	35-15/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	935.11	69.47
		For Tempered Clear Insulated Glass, Add	*159.24*	
08 52 16 00-0854	EA	40-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,019.09	72.88
		For Tempered Clear Insulated Glass, Add	*174.89*	
08 52 16 00-0855	EA	48" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,142.76	76.87
		For Tempered Clear Insulated Glass, Add	*197.80*	
08 52 16 00-0856	EA	52-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,223.68	79.14
		For Tempered Clear Insulated Glass, Add	*213.08*	
08 52 16 00-0857	EA	59-7/8" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,344.30	83.13
		For Tempered Clear Insulated Glass, Add	*235.61*	
08 52 16 00-0858	EA	64-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,428.28	85.98
		For Tempered Clear Insulated Glass, Add	*251.26*	
08 52 16 00-0859	EA	71-7/8" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,548.89	89.97
		For Tempered Clear Insulated Glass, Add	*273.79*	

08 52 16 00-0860 64-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0812)*

08 52 16 00-0861	EA	35-15/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,019.09	72.88
		For Tempered Clear Insulated Glass, Add	*174.89*	
08 52 16 00-0862	EA	40-13/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,103.06	75.16
		For Tempered Clear Insulated Glass, Add	*190.55*	
08 52 16 00-0863	EA	48" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,226.73	79.72
		For Tempered Clear Insulated Glass, Add	*213.46*	
08 52 16 00-0864	EA	52-13/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,307.66	81.99
		For Tempered Clear Insulated Glass, Add	*228.73*	
08 52 16 00-0865	EA	59-7/8" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,540.93	86.54
		For Tempered Clear Insulated Glass, Add	*273.79*	

08 52 16 00-0866 71-7/8" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0812)*

08 52 16 00-0867	EA	35-15/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,139.71	76.30
		For Tempered Clear Insulated Glass, Add	*197.42*	
08 52 16 00-0868	EA	40-13/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,223.68	79.72
		For Tempered Clear Insulated Glass, Add	*213.08*	
08 52 16 00-0869	EA	48" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,347.35	83.71
		For Tempered Clear Insulated Glass, Add	*235.99*	
08 52 16 00-0870	EA	52-13/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,428.28	85.98
		For Tempered Clear Insulated Glass, Add	*251.26*	
08 52 16 00-0871	EA	59-7/8" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,548.89	89.97
		For Tempered Clear Insulated Glass, Add	*273.79*	

08 52 16 00-0872 Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-0811)*

Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0873		12" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-0872)*		
08 52 16 00-0874	EA	40-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	565.23	45.55
		For Tempered Low-E Insulated Glass, Add	*94.82*	
08 52 16 00-0875	EA	48" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	664.15	50.11
		For Tempered Low-E Insulated Glass, Add	*112.79*	
08 52 16 00-0876	EA	52-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	706.29	52.38
		For Tempered Low-E Insulated Glass, Add	*120.30*	
08 52 16 00-0877	EA	59-7/8" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	766.48	56.94
		For Tempered Low-E Insulated Glass, Add	*130.75*	
08 52 16 00-0878	EA	64-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	807.68	59.22
		For Tempered Low-E Insulated Glass, Add	*137.85*	
08 52 16 00-0879	EA	71-7/8" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	867.86	63.77
		For Tempered Low-E Insulated Glass, Add	*148.29*	
08 52 16 00-0880		35-15/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-0872)*		
08 52 16 00-0881	EA	35-15/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	623.10	55.80
		For Tempered Low-E Insulated Glass, Add	*102.30*	
08 52 16 00-0882	EA	40-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	725.44	59.22
		For Tempered Low-E Insulated Glass, Add	*121.63*	
08 52 16 00-0883	EA	48" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	875.98	63.21
		For Tempered Low-E Insulated Glass, Add	*149.92*	
08 52 16 00-0884	EA	52-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	974.82	65.48
		For Tempered Low-E Insulated Glass, Add	*168.77*	
08 52 16 00-0885	EA	59-7/8" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,121.87	69.47
		For Tempered Low-E Insulated Glass, Add	*196.59*	
08 52 16 00-0886	EA	64-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,224.21	72.32
		For Tempered Low-E Insulated Glass, Add	*215.92*	
08 52 16 00-0887	EA	71-7/8" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,842.69	76.30
		For Tempered Low-E Insulated Glass, Add	*338.02*	
08 52 16 00-0888		40-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-0872)*		
08 52 16 00-0889	EA	35-15/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	725.44	59.22
		For Tempered Low-E Insulated Glass, Add	*121.63*	
08 52 16 00-0890	EA	40-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	827.78	61.50
		For Tempered Low-E Insulated Glass, Add	*140.96*	
08 52 16 00-0891	EA	48" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	978.32	66.05
		For Tempered Low-E Insulated Glass, Add	*169.24*	
08 52 16 00-0892	EA	52-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,077.16	68.33
		For Tempered Low-E Insulated Glass, Add	*188.10*	
08 52 16 00-0893	EA	59-7/8" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,224.21	72.88
		For Tempered Low-E Insulated Glass, Add	*215.92*	
08 52 16 00-0894	EA	64-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,326.54	75.16
		For Tempered Low-E Insulated Glass, Add	*235.24*	
08 52 16 00-0895	EA	71-7/8" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,473.59	79.72
		For Tempered Low-E Insulated Glass, Add	*263.06*	
08 52 16 00-0896		48" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-0872)*		
08 52 16 00-0897	EA	35-15/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	875.98	63.77
		For Tempered Low-E Insulated Glass, Add	*149.92*	
08 52 16 00-0898	EA	40-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	978.32	66.05
		For Tempered Low-E Insulated Glass, Add	*169.24*	
08 52 16 00-0899	EA	48" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,128.86	70.61
		For Tempered Low-E Insulated Glass, Add	*197.53*	
08 52 16 00-0900	EA	52-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,227.70	72.88
		For Tempered Low-E Insulated Glass, Add	*216.39*	
08 52 16 00-0901	EA	59-7/8" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,374.75	77.44
		For Tempered Low-E Insulated Glass, Add	*244.20*	
08 52 16 00-0902	EA	64-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,477.08	79.72
		For Tempered Low-E Insulated Glass, Add	*263.53*	
08 52 16 00-0903	EA	71-7/8" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,624.13	84.27
		For Tempered Low-E Insulated Glass, Add	*291.35*	
08 52 16 00-0904		52-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-0872)*		
08 52 16 00-0905	EA	35-15/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	974.82	66.05
		For Tempered Low-E Insulated Glass, Add	*168.77*	
08 52 16 00-0906	EA	40-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,077.16	68.33
		For Tempered Low-E Insulated Glass, Add	*188.10*	
08 52 16 00-0907	EA	48" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,227.70	72.88
		For Tempered Low-E Insulated Glass, Add	*216.39*	
08 52 16 00-0908	EA	52-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,326.54	75.16
		For Tempered Low-E Insulated Glass, Add	*235.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0909	EA	59-7/8" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,473.59	79.72
		For Tempered Low-E Insulated Glass, Add	*263.06*	
08 52 16 00-0910	EA	64-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,575.93	81.99
		For Tempered Low-E Insulated Glass, Add	*282.39*	
08 52 16 00-0911	EA	71-7/8" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,862.05	86.54
		For Tempered Low-E Insulated Glass, Add	*338.02*	

08 52 16 00-0912 59-7/8" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-0872)*

08 52 16 00-0913	EA	35-15/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,121.87	69.47
		For Tempered Low-E Insulated Glass, Add	*196.59*	
08 52 16 00-0914	EA	40-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,224.21	72.88
		For Tempered Low-E Insulated Glass, Add	*215.92*	
08 52 16 00-0915	EA	48" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,374.75	76.87
		For Tempered Low-E Insulated Glass, Add	*244.20*	
08 52 16 00-0916	EA	52-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,473.59	79.14
		For Tempered Low-E Insulated Glass, Add	*263.06*	
08 52 16 00-0917	EA	59-7/8" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,620.63	83.13
		For Tempered Low-E Insulated Glass, Add	*290.87*	
08 52 16 00-0918	EA	64-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,722.97	85.98
		For Tempered Low-E Insulated Glass, Add	*310.20*	
08 52 16 00-0919	EA	71-7/8" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,870.01	89.97
		For Tempered Low-E Insulated Glass, Add	*338.02*	

08 52 16 00-0920 64-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-0872)*

08 52 16 00-0921	EA	35-15/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,224.21	72.88
		For Tempered Low-E Insulated Glass, Add	*215.92*	
08 52 16 00-0922	EA	40-13/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,326.54	75.16
		For Tempered Low-E Insulated Glass, Add	*235.24*	
08 52 16 00-0923	EA	48" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,477.08	79.72
		For Tempered Low-E Insulated Glass, Add	*263.53*	
08 52 16 00-0924	EA	52-13/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,575.93	81.99
		For Tempered Low-E Insulated Glass, Add	*282.39*	
08 52 16 00-0925	EA	59-7/8" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,862.05	86.54
		For Tempered Low-E Insulated Glass, Add	*338.02*	

08 52 16 00-0926 71-7/8" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-0872)*

08 52 16 00-0927	EA	35-15/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,371.25	76.30
		For Tempered Low-E Insulated Glass, Add	*243.73*	
08 52 16 00-0928	EA	40-13/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,473.59	79.72
		For Tempered Low-E Insulated Glass, Add	*263.06*	
08 52 16 00-0929	EA	48" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,624.13	83.71
		For Tempered Low-E Insulated Glass, Add	*291.35*	
08 52 16 00-0930	EA	52-13/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,722.97	85.98
		For Tempered Low-E Insulated Glass, Add	*310.20*	
08 52 16 00-0931	EA	59-7/8" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,870.01	89.97
		For Tempered Low-E Insulated Glass, Add	*338.02*	

08 52 16 00-0932 Picture Wood Clad Windows For Double Hung Windows *(08 52 16 00-0810)*

08 52 16 00-0933 Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) *(08 52 16 00-0932)*

Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.

08 52 16 00-0934 35-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) *(08 52 16 00-0933)*

08 52 16 00-0935	EA	56-1/2" x 35-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	674.95	71.17
		For Tempered Clear Insulated Glass, Add	*106.52*	
08 52 16 00-0936	EA	59-1/2" x 35-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	692.98	72.88
		For Tempered Clear Insulated Glass, Add	*109.44*	

08 52 16 00-0937 47-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) *(08 52 16 00-0933)*

08 52 16 00-0938	EA	47-1/2" x 47-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	692.98	72.88
		For Tempered Clear Insulated Glass, Add	*109.44*	
08 52 16 00-0939	EA	71-1/2" x 47-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	841.46	86.54
		For Tempered Clear Insulated Glass, Add	*133.67*	

08 52 16 00-0940 53-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) *(08 52 16 00-0933)*

08 52 16 00-0941	EA	56-1/2" x 53-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	787.35	81.42
		For Tempered Clear Insulated Glass, Add	*124.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0942	EA	59-1/2" x 53-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	805.38	83.13
		For Tempered Clear Insulated Glass, Add	*127.82*	
08 52 16 00-0943		56-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) *(08 52 16 00-0933)*		
08 52 16 00-0944	EA	35-1/2" x 56-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	674.95	71.74
		For Tempered Clear Insulated Glass, Add	*106.52*	
08 52 16 00-0945	EA	53-1/2" x 56-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	787.35	81.42
		For Tempered Clear Insulated Glass, Add	*124.90*	
08 52 16 00-0946		59-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) *(08 52 16 00-0933)*		
08 52 16 00-0947	EA	35-1/2" x 59-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	692.98	72.88
		For Tempered Clear Insulated Glass, Add	*109.44*	
08 52 16 00-0948	EA	53-1/2" x 59-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	805.38	83.13
		For Tempered Clear Insulated Glass, Add	*127.82*	
08 52 16 00-0949	EA	59-1/2" x 59-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	841.46	86.54
		For Tempered Clear Insulated Glass, Add	*133.67*	
08 52 16 00-0950	EA	65-1/2" x 59-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	879.61	89.97
		For Tempered Clear Insulated Glass, Add	*139.94*	
08 52 16 00-0951		65-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) *(08 52 16 00-0933)*		
08 52 16 00-0952	EA	59-1/2" x 65-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	879.61	89.97
		For Tempered Clear Insulated Glass, Add	*139.94*	
08 52 16 00-0953		71-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) *(08 52 16 00-0933)*		
08 52 16 00-0954	EA	47-1/2" x 71-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	841.46	86.54
		For Tempered Clear Insulated Glass, Add	*133.67*	
08 52 16 00-0955		Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-0932)*		
		Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0956		48-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-0955)*		
08 52 16 00-0957	EA	12" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	760.78	53.52
		For Tempered Low-E Insulated Glass, Add	*130.75*	
08 52 16 00-0958	EA	37-5/8" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,064.95	68.33
		For Tempered Low-E Insulated Glass, Add	*185.89*	
08 52 16 00-0959	EA	41-5/8" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,111.29	70.03
		For Tempered Low-E Insulated Glass, Add	*194.24*	
08 52 16 00-0960	EA	47-5/16" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,180.77	73.46
		For Tempered Low-E Insulated Glass, Add	*206.77*	
08 52 16 00-0961	EA	51-5/16" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,227.10	76.30
		For Tempered Low-E Insulated Glass, Add	*215.13*	
08 52 16 00-0962	EA	59-5/16" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,321.85	80.28
		For Tempered Low-E Insulated Glass, Add	*232.26*	
08 52 16 00-0963	EA	67-5/16" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,416.59	85.41
		For Tempered Low-E Insulated Glass, Add	*249.38*	
08 52 16 00-0964		52-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-0955)*		
08 52 16 00-0965	EA	12" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	809.20	55.80
		For Tempered Low-E Insulated Glass, Add	*139.52*	
08 52 16 00-0966	EA	37-5/8" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,111.29	70.61
		For Tempered Low-E Insulated Glass, Add	*194.24*	
08 52 16 00-0967	EA	41-5/8" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,159.70	72.32
		For Tempered Low-E Insulated Glass, Add	*203.01*	
08 52 16 00-0968	EA	47-5/16" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,227.10	75.73
		For Tempered Low-E Insulated Glass, Add	*215.13*	
08 52 16 00-0969	EA	51-5/16" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,275.51	78.58
		For Tempered Low-E Insulated Glass, Add	*223.90*	
08 52 16 00-0970	EA	59-5/16" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,370.26	82.56
		For Tempered Low-E Insulated Glass, Add	*241.03*	
08 52 16 00-0971	EA	67-5/16" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,465.01	87.69
		For Tempered Low-E Insulated Glass, Add	*258.15*	
08 52 16 00-0972		56-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-0955)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0973	EA	12" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	855.52	58.08
		For Tempered Low-E Insulated Glass, Add	*147.87*	
08 52 16 00-0974	EA	37-5/8" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,159.70	72.88
		For Tempered Low-E Insulated Glass, Add	*203.01*	
08 52 16 00-0975	EA	41-5/8" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,206.02	74.59
		For Tempered Low-E Insulated Glass, Add	*211.37*	
08 52 16 00-0976	EA	47-5/16" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,275.51	78.01
		For Tempered Low-E Insulated Glass, Add	*223.90*	
08 52 16 00-0977	EA	51-5/16" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,321.85	80.86
		For Tempered Low-E Insulated Glass, Add	*232.26*	
08 52 16 00-0978	EA	59-5/16" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,416.59	84.84
		For Tempered Low-E Insulated Glass, Add	*249.38*	
08 52 16 00-0979	EA	67-5/16" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,513.42	89.97
		For Tempered Low-E Insulated Glass, Add	*266.93*	

08 52 16 00-0980 60-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-0955)*

08 52 16 00-0981	EA	12" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	903.95	60.36
		For Tempered Low-E Insulated Glass, Add	*156.65*	
08 52 16 00-0982	EA	37-5/8" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,206.02	75.16
		For Tempered Low-E Insulated Glass, Add	*211.37*	
08 52 16 00-0983	EA	41-5/8" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,254.45	76.87
		For Tempered Low-E Insulated Glass, Add	*220.14*	
08 52 16 00-0984	EA	47-5/16" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,321.85	80.28
		For Tempered Low-E Insulated Glass, Add	*232.26*	
08 52 16 00-0985	EA	51-5/16" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,370.26	83.13
		For Tempered Low-E Insulated Glass, Add	*241.03*	
08 52 16 00-0986	EA	59-5/16" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,465.01	87.12
		For Tempered Low-E Insulated Glass, Add	*258.15*	
08 52 16 00-0987	EA	67-5/16" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,559.75	92.24
		For Tempered Low-E Insulated Glass, Add	*275.28*	

08 52 16 00-0988 64-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-0955)*

08 52 16 00-0989	EA	12" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	950.28	62.63
		For Tempered Low-E Insulated Glass, Add	*165.00*	
08 52 16 00-0990	EA	37-5/8" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,254.45	77.44
		For Tempered Low-E Insulated Glass, Add	*220.14*	
08 52 16 00-0991	EA	41-5/8" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,302.86	79.14
		For Tempered Low-E Insulated Glass, Add	*228.91*	
08 52 16 00-0992	EA	47-5/16" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,370.26	82.56
		For Tempered Low-E Insulated Glass, Add	*241.03*	
08 52 16 00-0993	EA	51-5/16" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,416.59	85.41
		For Tempered Low-E Insulated Glass, Add	*249.38*	
08 52 16 00-0994	EA	59-5/16" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,513.42	89.39
		For Tempered Low-E Insulated Glass, Add	*266.93*	
08 52 16 00-0995	EA	67-5/16" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,608.16	94.52
		For Tempered Low-E Insulated Glass, Add	*284.05*	

08 52 16 00-0996 68-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-0955)*

08 52 16 00-0997	EA	12" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	998.70	64.91
		For Tempered Low-E Insulated Glass, Add	*173.77*	
08 52 16 00-0998	EA	37-5/8" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,302.86	79.72
		For Tempered Low-E Insulated Glass, Add	*228.91*	
08 52 16 00-0999	EA	41-5/8" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,349.19	81.42
		For Tempered Low-E Insulated Glass, Add	*237.27*	
08 52 16 00-1000	EA	47-5/16" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,416.59	84.84
		For Tempered Low-E Insulated Glass, Add	*249.38*	
08 52 16 00-1001	EA	51-5/16" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,465.01	87.69
		For Tempered Low-E Insulated Glass, Add	*258.15*	
08 52 16 00-1002	EA	59-5/16" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,559.75	91.67
		For Tempered Low-E Insulated Glass, Add	*275.28*	
08 52 16 00-1003	EA	67-5/16" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,654.50	96.79
		For Tempered Low-E Insulated Glass, Add	*292.41*	

08 52 16 00-1004 72-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-0955)*

08 52 16 00-1005	EA	12" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,045.02	67.19
		For Tempered Low-E Insulated Glass, Add	*182.13*	
08 52 16 00-1006	EA	37-5/8" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,349.19	81.99
		For Tempered Low-E Insulated Glass, Add	*237.27*	
08 52 16 00-1007	EA	41-5/8" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,397.60	83.71
		For Tempered Low-E Insulated Glass, Add	*246.04*	
08 52 16 00-1008	EA	47-5/16" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,465.01	87.12
		For Tempered Low-E Insulated Glass, Add	*258.15*	
08 52 16 00-1009	EA	51-5/16" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,513.42	89.97
		For Tempered Low-E Insulated Glass, Add	*266.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-1010	EA	59-5/16" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,608.16	93.95
		For Tempered Low-E Insulated Glass, Add	*284.05*	
08 52 16 00-1011	EA	67-5/16" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,702.91	99.08
		For Tempered Low-E Insulated Glass, Add	*301.18*	
08 52 16 00-1012		76-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-0955)*		
08 52 16 00-1013	EA	12" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,093.43	69.47
		For Tempered Low-E Insulated Glass, Add	*190.90*	
08 52 16 00-1014	EA	37-5/8" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,397.60	84.27
		For Tempered Low-E Insulated Glass, Add	*246.04*	
08 52 16 00-1015	EA	41-5/8" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,443.93	85.98
		For Tempered Low-E Insulated Glass, Add	*254.39*	
08 52 16 00-1016	EA	47-5/16" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,513.42	89.39
		For Tempered Low-E Insulated Glass, Add	*266.93*	
08 52 16 00-1017	EA	51-5/16" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,559.75	92.24
		For Tempered Low-E Insulated Glass, Add	*275.28*	
08 52 16 00-1018	EA	59-5/16" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,654.50	96.23
		For Tempered Low-E Insulated Glass, Add	*292.41*	
08 52 16 00-1019	EA	67-5/16" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,749.24	101.35
		For Tempered Low-E Insulated Glass, Add	*309.53*	
08 52 16 00-1020		Picture Wood Clad Windows For Horizontal Sliding Windows *(08 52 16 00-0810)*		
08 52 16 00-1021		Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) *(08 52 16 00-1020)* Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08 52 16 00-1022		35-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) *(08 52 16 00-1021)*		
08 52 16 00-1023	EA	56-1/2" x 35-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	674.95	71.17
		For Tempered Clear Insulated Glass, Add	*106.52*	
08 52 16 00-1024	EA	59-1/2" x 35-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	692.98	72.88
		For Tempered Clear Insulated Glass, Add	*109.44*	
08 52 16 00-1025		47-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) *(08 52 16 00-1021)*		
08 52 16 00-1026	EA	47-1/2" x 47-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	692.98	72.88
		For Tempered Clear Insulated Glass, Add	*109.44*	
08 52 16 00-1027	EA	71-1/2" x 47-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	841.46	86.54
		For Tempered Clear Insulated Glass, Add	*133.67*	
08 52 16 00-1028		53-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) *(08 52 16 00-1021)*		
08 52 16 00-1029	EA	56-1/2" x 53-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	787.35	81.42
		For Tempered Clear Insulated Glass, Add	*124.90*	
08 52 16 00-1030	EA	59-1/2" x 53-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	805.38	83.13
		For Tempered Clear Insulated Glass, Add	*127.82*	
08 52 16 00-1031		56-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) *(08 52 16 00-1021)*		
08 52 16 00-1032	EA	35-1/2" x 56-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	674.95	71.74
		For Tempered Clear Insulated Glass, Add	*106.52*	
08 52 16 00-1033	EA	53-1/2" x 56-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	787.35	81.42
		For Tempered Clear Insulated Glass, Add	*124.90*	
08 52 16 00-1034		59-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) *(08 52 16 00-1021)*		
08 52 16 00-1035	EA	35-1/2" x 59-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	692.98	72.88
		For Tempered Clear Insulated Glass, Add	*109.44*	
08 52 16 00-1036	EA	53-1/2" x 59-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	805.38	83.13
		For Tempered Clear Insulated Glass, Add	*127.82*	
08 52 16 00-1037	EA	59-1/2" x 59-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	841.46	86.54
		For Tempered Clear Insulated Glass, Add	*133.67*	
08 52 16 00-1038	EA	65-1/2" x 59-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	879.61	89.97
		For Tempered Clear Insulated Glass, Add	*139.94*	
08 52 16 00-1039		65-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) *(08 52 16 00-1021)*		
08 52 16 00-1040	EA	59-1/2" x 65-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	879.61	89.97
		For Tempered Clear Insulated Glass, Add	*139.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-1041		71-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) *(08 52 16 00-1021)*		
08 52 16 00-1042	EA	47-1/2" x 71-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	841.46	86.54
		For Tempered Clear Insulated Glass, Add	*133.67*	
08 52 16 00-1043		Basement Wood Clad Windows *(08 52 16)*		
		Note: Basement windows are hinged at the bottom of the frame and swing outward with a crank or push out operation.		
08 52 16 00-1044		Basement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-1043)*		
		Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware, Low-E insulated glass and insect screens. Excludes grilles.		
08 52 16 00-1045	EA	32-1/4" x 15-3/4", Basement Wood Clad Window (Andersen 400 Series)	354.87	45.55
08 52 16 00-1046	EA	32-1/4" x 19-3/4", Basement Wood Clad Window (Andersen 400 Series)	374.69	45.55
08 52 16 00-1047	EA	32-1/4" x 23-3/4", Basement Wood Clad Window (Andersen 400 Series)	392.11	45.55
08 52 16 00-1048		Factory Installed Grilles For Wood Clad Windows *(08 52 16)*		
08 52 16 00-1049		Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows *(08 52 16 00-1048)*		
08 52 16 00-1050	EA	Up To 9 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	51.54	
08 52 16 00-1051	EA	>9 To 18 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	75.95	
08 52 16 00-1052	EA	>18 To 24 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	103.08	
08 52 16 00-1053	EA	>24 To 36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	130.20	
08 52 16 00-1054	EA	>36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	184.45	
08 52 16 00-1055		Fixed Exterior And Removable Interior Grilles, Factory Installed Grilles For Wood Clad Windows *(08 52 16 00-1048)*		
08 52 16 00-1056	EA	Up To 9 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	82.46	
08 52 16 00-1057	EA	>9 To 18 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	121.52	
08 52 16 00-1058	EA	>18 To 24 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	164.92	
08 52 16 00-1059	EA	>24 To 36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	208.32	
08 52 16 00-1060	EA	>36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	295.12	
08 52 16 00-1061		Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows *(08 52 16 00-1048)*		
08 52 16 00-1062	EA	Up To 9 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows	98.95	
08 52 16 00-1063	EA	>9 To 18 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows	145.82	
08 52 16 00-1064	EA	>18 To 24 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows	197.90	
08 52 16 00-1065	EA	>24 To 36 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows	249.98	
08 52 16 00-1066	EA	>36 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows	354.14	
08 52 16 00-1067		Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows *(08 52 16 00-1048)*		
08 52 16 00-1068	EA	Up To 9 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows	118.75	
08 52 16 00-1069	EA	>9 To 18 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows	174.98	
08 52 16 00-1070	EA	>18 To 24 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows	237.48	
08 52 16 00-1071	EA	>24 To 36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows	299.98	
08 52 16 00-1072	EA	>36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows	424.97	
08 52 66		**Wood Window Screens** *(08 52)*		
08 52 66 00-0001		Insect Screens For Wood Clad Windows *(08 52 66)*		
08 52 66 00-0002	EA	Up To 6 SF, Insect Screen For Wood Clad Windows	49.80	10.30
08 52 66 00-0003	EA	>6 To 9 SF, Insect Screen For Wood Clad Windows	58.14	10.30
08 52 66 00-0004	EA	>9 To 12 SF, Insect Screen For Wood Clad Windows	62.31	10.30
08 52 66 00-0005	EA	>12 To 15 SF, Insect Screen For Wood Clad Windows	70.65	10.30
08 52 66 00-0006	EA	>15 To 20 SF, Insect Screen For Wood Clad Windows	87.33	10.30
08 52 66 00-0007	EA	>20 To 25 SF, Insect Screen For Wood Clad Windows	95.67	10.30
08 52 66 00-0008	EA	>25 To 30 SF, Insect Screen For Wood Clad Windows	104.02	10.30
08 52 66 00-0009	EA	>30 To 35 SF, Insect Screen For Wood Clad Windows	112.36	10.30
08 52 66 00-0010	SF	>35 SF, Insect Screen For Wood Clad Windows	3.37	0.21

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

08 53 Plastic Windows *(08 50)*

08 53 13 Vinyl Windows *(08 53)*

See CSI section 01 95 99 99-0002 for Vinyl Windows.

08 53 13 00-0001 Single Hung Vinyl Windows *(08 53 13)*

08 53 13 00-0002 Single Hung Vinyl Windows (Milgard Style Line™ Series) *(08 53 13 00-0001)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Pricing calculated by the United Inch (the combined inches of one width and one height).

08 53 13 00-0003	EA	Up To 73" UI, Single Hung Vinyl Window (Milgard Style Line™ Series)	508.72	59.78
		For Colored Vinyl, Add	*38.91*	
		For Tinted Glass, Add	*46.70*	
		For Low-E Insulated Glass, Add	*97.29*	
		For Obscure Glass, Add	*107.01*	
08 53 13 00-0004	EA	>73" To 83" UI, Single Hung Vinyl Window (Milgard Style Line™ Series)	425.21	65.48
		For Colored Vinyl, Add	*29.43*	
		For Tinted Glass, Add	*35.31*	
		For Low-E Insulated Glass, Add	*73.56*	
		For Obscure Glass, Add	*80.92*	
08 53 13 00-0005	EA	>83" To 93" UI, Single Hung Vinyl Window (Milgard Style Line™ Series)	602.70	71.17
		For Colored Vinyl, Add	*46.04*	
		For Tinted Glass, Add	*55.24*	
		For Low-E Insulated Glass, Add	*115.09*	
		For Obscure Glass, Add	*126.60*	
08 53 13 00-0006	EA	>93" To 101" UI, Single Hung Vinyl Window (Milgard Style Line™ Series)	634.45	76.87
		For Colored Vinyl, Add	*48.07*	
		For Tinted Glass, Add	*57.69*	
		For Low-E Insulated Glass, Add	*120.18*	
		For Obscure Glass, Add	*132.20*	
08 53 13 00-0007	EA	>101" To 110" UI, Single Hung Vinyl Window (Milgard Style Line™ Series)	667.72	82.56
		For Colored Vinyl, Add	*50.26*	
		For Tinted Glass, Add	*60.31*	
		For Low-E Insulated Glass, Add	*125.65*	
		For Obscure Glass, Add	*138.22*	
08 53 13 00-0008	EA	>110" To 120" UI, Single Hung Vinyl Window (Milgard Style Line™ Series)	724.80	88.26
		For Colored Vinyl, Add	*54.83*	
		For Tinted Glass, Add	*65.79*	
		For Low-E Insulated Glass, Add	*137.07*	
		For Obscure Glass, Add	*150.78*	
08 53 13 00-0009	UI	>120" UI, Single Hung Vinyl Window (Milgard Style Line™ Series)	6.04	0.74
		For Colored Vinyl, Add	*0.46*	
		For Tinted Glass, Add	*0.55*	
		For Low-E Insulated Glass, Add	*1.14*	
		For Obscure Glass, Add	*1.25*	

08 53 13 00-0010 Single Hung Premium Vinyl Windows (Milgard Tuscany Series) *(08 53 13 00-0001)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear high-performance Low-E insulating glass. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).

08 53 13 00-0011	EA	Up To 60" (UI) United Inches, White Vinyl, Low-E2 Insulating Glass, Single Hung Window With Standard Hardware, Insect Screen (Milgard Tuscany Series)	439.08	56.94
08 53 13 00-0012	EA	>60" To 73" (UI) United Inches, White Vinyl, Low-E2 Insulating Glass, Single Hung Window With Standard Hardware, Insect Screen (Milgard Tuscany Series)	512.22	60.36
08 53 13 00-0013	EA	>73" To 83" (UI) United Inches, White Vinyl, Low-E2 Insulating Glass, Single Hung Window With Standard Hardware, Insect Screen (Milgard Tuscany Series)	587.84	66.05
08 53 13 00-0014	EA	>83" To 93" (UI) United Inches, White Vinyl, Low-E2 Insulating Glass, Single Hung Window With Standard Hardware, Insect Screen (Milgard Tuscany Series)	603.24	71.74
08 53 13 00-0015	EA	>93" To 101" (UI) United Inches, White Vinyl, Low-E2 Insulating Glass, Single Hung Window With Standard Hardware, Insect Screen (Milgard Tuscany Series)	641.12	77.44
08 53 13 00-0016	EA	>101" To 110" (UI) United Inches, White Vinyl, Low-E2 Insulating Glass, Single Hung Window With Standard Hardware, Insect Screen (Milgard Tuscany Series)	658.13	83.13
08 53 13 00-0017	EA	>110" To 120" (UI) United Inches, White Vinyl, Low-E2 Insulating Glass, Single Hung Window With Standard Hardware, Insect Screen (Milgard Tuscany Series)	709.67	88.83
08 53 13 00-0018	UI	>120" (UI) United Inches, White Vinyl, Low-E2 Insulating Glass, Single Hung Window With Standard Hardware, Insect Screen (Milgard Tuscany Series)	5.92	0.74

08 53 13 00-0019 Double Hung Vinyl Windows *(08 53 13)*

08 53 13 00-0020 Double Hung Vinyl Windows (Milgard Quiet Line™ Series) *(08 53 13 00-0019)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated low E glass and insect screen. Pricing calculated by the United Inch (the combined inches of one width and one height). Minimum STC rating of 32 included in price.

08 53 13 00-0021	EA	Up To 73" UI, Double Hung Vinyl Window (Milgard Quiet Line™ Series)	1,025.32	59.78
		For Colored Vinyl, Add	*90.57*	
		For STC 44 Rating, Add	*317.01*	
		For Tempered Glass, Add	*271.72*	
08 53 13 00-0022	EA	>73" To 83" UI, Double Hung Vinyl Window (Milgard Quiet Line™ Series)	1,131.35	65.48
		For Colored Vinyl, Add	*100.04*	
		For STC 44 Rating, Add	*350.14*	
		For Tempered Glass, Add	*300.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0023	EA	>83" To 93" UI, Double Hung Vinyl Window (Milgard Quiet Line™ Series)	1,230.31	71.17
		For Colored Vinyl, Add	*108.80*	
		For STC 44 Rating, Add	*380.79*	
		For Tempered Glass, Add	*326.39*	
08 53 13 00-0024	EA	>93" To 101" UI, Double Hung Vinyl Window (Milgard Quiet Line™ Series)	1,299.48	76.87
		For Colored Vinyl, Add	*114.57*	
		For STC 44 Rating, Add	*401.01*	
		For Tempered Glass, Add	*343.72*	
08 53 13 00-0025	EA	>101" To 110" UI, Double Hung Vinyl Window (Milgard Quiet Line™ Series)	1,373.97	82.56
		For Colored Vinyl, Add	*120.89*	
		For STC 44 Rating, Add	*423.10*	
		For Tempered Glass, Add	*362.66*	
08 53 13 00-0026	EA	>110" To 120" UI, Double Hung Vinyl Window (Milgard Quiet Line™ Series)	1,495.25	88.26
		For Colored Vinyl, Add	*131.87*	
		For STC 44 Rating, Add	*461.56*	
		For Tempered Glass, Add	*395.62*	
08 53 13 00-0027	UI	>120" UI, Double Hung Vinyl Window (Milgard Quiet Line™ Series)	12.48	0.74
		For Colored Vinyl, Add	*1.10*	
		For STC 44 Rating, Add	*3.85*	
		For Tempered Glass, Add	*3.30*	

08 53 13 00-0028 Casement Vinyl Windows *(08 53 13)*

08 53 13 00-0029 Casement Vinyl Windows (Milgard Quiet Line™ Series) *(08 53 13 00-0028)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated low E glass and insect screen. Pricing calculated by the United Inch (the combined inches of one width and one height). Minimum STC rating of 32 included in price.

08 53 13 00-0030 One Operating Sash, Casement Vinyl Windows (Milgard Quiet Line™ Series) *(08 53 13 00-0029)*

08 53 13 00-0031	EA	Up To 53" UI, One Operating Sash, Casement Vinyl Window (Milgard Quiet Line™ Series)	998.64	48.40
		For Colored Vinyl, Add	*90.19*	
		For STC 44 Rating, Add	*315.65*	
		For Tempered Glass, Add	*270.56*	
08 53 13 00-0032	EA	>53 To 63" UI, One Operating Sash, Casement Vinyl Window (Milgard Quiet Line™ Series)	1,135.53	54.10
		For Colored Vinyl, Add	*102.74*	
		For STC 44 Rating, Add	*359.57*	
		For Tempered Glass, Add	*308.21*	
08 53 13 00-0033	EA	>63 To 73" UI, One Operating Sash, Casement Vinyl Window (Milgard Quiet Line™ Series)	1,258.22	59.78
		For Colored Vinyl, Add	*113.86*	
		For STC 44 Rating, Add	*398.52*	
		For Tempered Glass, Add	*341.59*	
08 53 13 00-0034	EA	>73" To 83" UI, One Operating Sash, Casement Vinyl Window (Milgard Quiet Line™ Series)	1,366.74	65.48
		For Colored Vinyl, Add	*123.58*	
		For STC 44 Rating, Add	*432.52*	
		For Tempered Glass, Add	*370.73*	
08 53 13 00-0035	EA	>83" To 93" UI, One Operating Sash, Casement Vinyl Window (Milgard Quiet Line™ Series)	1,461.09	71.17
		For Colored Vinyl, Add	*131.87*	
		For STC 44 Rating, Add	*461.56*	
		For Tempered Glass, Add	*395.62*	
08 53 13 00-0036	EA	>93" To 101" UI, One Operating Sash, Casement Vinyl Window (Milgard Quiet Line™ Series)	1,514.30	76.87
		For Colored Vinyl, Add	*136.06*	
		For STC 44 Rating, Add	*476.20*	
		For Tempered Glass, Add	*408.17*	
08 53 13 00-0037	UI	>101" UI, One Operating Sash, Casement Vinyl Window (Milgard Quiet Line™ Series)	14.94	0.74
		For Colored Vinyl, Add	*1.35*	
		For STC 44 Rating, Add	*4.71*	
		For Tempered Glass, Add	*4.04*	

08 53 13 00-0038 Two Operating Sashes, Casement Vinyl Windows (Milgard Quiet Line™ Series) *(08 53 13 00-0029)*

08 53 13 00-0039	EA	Up To 73" UI, Two Operating Sashes, Casement Vinyl Window (Milgard Quiet Line™ Series)	1,698.17	59.78
		For Colored Vinyl, Add	*157.86*	
		For STC 44 Rating, Add	*552.51*	
		For Tempered Glass, Add	*473.58*	
08 53 13 00-0040	EA	>73" To 83" UI, Two Operating Sashes, Casement Vinyl Window (Milgard Quiet Line™ Series)	1,866.93	65.48
		For Colored Vinyl, Add	*173.60*	
		For STC 44 Rating, Add	*607.59*	
		For Tempered Glass, Add	*520.79*	
08 53 13 00-0041	EA	>83" To 93" UI, Two Operating Sashes, Casement Vinyl Window (Milgard Quiet Line™ Series)	2,021.55	71.17
		For Colored Vinyl, Add	*187.92*	
		For STC 44 Rating, Add	*657.72*	
		For Tempered Glass, Add	*563.76*	
08 53 13 00-0042	EA	>93" To 101" UI, Two Operating Sashes, Casement Vinyl Window (Milgard Quiet Line™ Series)	2,122.98	76.87
		For Colored Vinyl, Add	*196.92*	
		For STC 44 Rating, Add	*689.23*	
		For Tempered Glass, Add	*590.77*	
08 53 13 00-0043	EA	>101" To 110" UI, Two Operating Sashes, Casement Vinyl Window (Milgard Quiet Line™ Series)	2,231.84	82.56
		For Colored Vinyl, Add	*206.67*	
		For STC 44 Rating, Add	*723.35*	
		For Tempered Glass, Add	*620.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0044	EA	>110" To 120" UI, Two Operating Sashes, Casement Vinyl Window (Milgard Quiet Line™ Series)	2,346.05	88.26
		For Colored Vinyl, Add	*216.95*	
		For STC 44 Rating, Add	*759.34*	
		For Tempered Glass, Add	*650.86*	
08 53 13 00-0045	UI	>120" UI, Two Operating Sashes, Casement Vinyl Window (Milgard Quiet Line™ Series)	19.56	0.74
		For Colored Vinyl, Add	*1.81*	
		For STC 44 Rating, Add	*6.33*	
		For Tempered Glass, Add	*5.42*	

08 53 13 00-0046 Awning Vinyl Windows *(08 53 13)*

08 53 13 00-0047 Awning Vinyl Windows (Milgard Style Line™ Series) *(08 53 13 00-0046)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Pricing calculated by the United Inch (the combined inches of one width and one height).

08 53 13 00-0048	EA	Up To 53" UI, Awning Vinyl Window (Milgard Style Line™ Series)	611.37	48.40
		For Colored Vinyl, Add	*51.46*	
		For Tinted Glass, Add	*61.75*	
		For Low-E Insulated Glass, Add	*128.65*	
		For Obscure Glass, Add	*141.51*	
08 53 13 00-0049	EA	>53" To 63" UI, Awning Vinyl Window (Milgard Style Line™ Series)	707.87	54.10
		For Colored Vinyl, Add	*59.97*	
		For Tinted Glass, Add	*71.96*	
		For Low-E Insulated Glass, Add	*149.92*	
		For Obscure Glass, Add	*164.91*	
08 53 13 00-0050	EA	>63" To 73" UI, Awning Vinyl Window (Milgard Style Line™ Series)	800.58	59.78
		For Colored Vinyl, Add	*68.10*	
		For Tinted Glass, Add	*81.72*	
		For Low-E Insulated Glass, Add	*170.25*	
		For Obscure Glass, Add	*187.28*	
08 53 13 00-0051	EA	>73" To 83" UI, Awning Vinyl Window (Milgard Style Line™ Series)	889.42	65.48
		For Colored Vinyl, Add	*75.85*	
		For Tinted Glass, Add	*91.02*	
		For Low-E Insulated Glass, Add	*189.62*	
		For Obscure Glass, Add	*208.58*	
08 53 13 00-0052	EA	>83" To 93" UI, Awning Vinyl Window (Milgard Style Line™ Series)	974.50	71.17
		For Colored Vinyl, Add	*83.22*	
		For Tinted Glass, Add	*99.86*	
		For Low-E Insulated Glass, Add	*208.04*	
		For Obscure Glass, Add	*228.84*	
08 53 13 00-0053	EA	>93" To 101" UI, Awning Vinyl Window (Milgard Style Line™ Series)	1,019.00	76.87
		For Colored Vinyl, Add	*86.53*	
		For Tinted Glass, Add	*103.83*	
		For Low-E Insulated Glass, Add	*216.32*	
		For Obscure Glass, Add	*237.95*	
08 53 13 00-0054	UI	>101" UI, Awning Vinyl Window (Milgard Style Line™ Series)	10.05	0.74
		For Colored Vinyl, Add	*0.86*	
		For Tinted Glass, Add	*1.03*	
		For Low-E Insulated Glass, Add	*2.14*	
		For Obscure Glass, Add	*2.36*	

08 53 13 00-0055 Horizontal Sliding Vinyl Windows *(08 53 13)*

08 53 13 00-0056 Horizontal Sliding Vinyl Windows (Milgard Quiet Line™ Series) *(08 53 13 00-0055)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated low E glass and insect screen. Pricing calculated by the United Inch (the combined inches of one width and one height). Minimum STC rating of 32 included in price.

08 53 13 00-0057	EA	Up To 73" UI, Horizontal Sliding Vinyl Window (Milgard Quiet Line™ Series)	921.82	59.78
		For Colored Vinyl, Add	*80.22*	
		For STC 44 Rating, Add	*280.78*	
		For Tempered Glass, Add	*240.67*	
08 53 13 00-0058	EA	>73" To 83" UI, Horizontal Sliding Vinyl Window (Milgard Quiet Line™ Series)	1,013.67	65.48
		For Colored Vinyl, Add	*88.27*	
		For STC 44 Rating, Add	*308.95*	
		For Tempered Glass, Add	*264.81*	
08 53 13 00-0059	EA	>83" To 93" UI, Horizontal Sliding Vinyl Window (Milgard Quiet Line™ Series)	1,098.42	71.17
		For Colored Vinyl, Add	*95.61*	
		For STC 44 Rating, Add	*334.62*	
		For Tempered Glass, Add	*286.82*	
08 53 13 00-0060	EA	>93" To 101" UI, Horizontal Sliding Vinyl Window (Milgard Quiet Line™ Series)	1,156.25	76.87
		For Colored Vinyl, Add	*100.25*	
		For STC 44 Rating, Add	*350.88*	
		For Tempered Glass, Add	*300.75*	
08 53 13 00-0061	EA	>101" To 110" UI, Horizontal Sliding Vinyl Window (Milgard Quiet Line™ Series)	1,217.99	82.56
		For Colored Vinyl, Add	*105.29*	
		For STC 44 Rating, Add	*368.50*	
		For Tempered Glass, Add	*315.86*	
08 53 13 00-0062	EA	>110" To 120" UI, Horizontal Sliding Vinyl Window (Milgard Quiet Line™ Series)	1,325.09	88.26
		For Colored Vinyl, Add	*114.86*	
		For STC 44 Rating, Add	*402.00*	
		For Tempered Glass, Add	*344.57*	
08 53 13 00-0063	UI	>120" UI, Horizontal Sliding Vinyl Window (Milgard Quiet Line™ Series)	11.05	0.74
		For Colored Vinyl, Add	*0.96*	
		For STC 44 Rating, Add	*3.35*	
		For Tempered Glass, Add	*2.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0064		**Horizontal Sliding Vinyl Windows (Milgard Style Line™ Series)** *(08 53 13 00-0055)* Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Pricing calculated by the United Inch (the combined inches of one width and one height).		
08 53 13 00-0065	EA	Up To 73" UI, Horizontal Sliding Vinyl Window (Milgard Style Line™ Series)	594.97	59.78
		For Colored Vinyl, Add	*47.54*	
		For Tinted Glass, Add	*57.05*	
		For Low-E Insulated Glass, Add	*118.85*	
		For Obscure Glass, Add	*130.73*	
08 53 13 00-0066	EA	>73" To 83" UI, Horizontal Sliding Vinyl Window (Milgard Style Line™ Series)	654.04	65.48
		For Colored Vinyl, Add	*52.31*	
		For Tinted Glass, Add	*62.77*	
		For Low-E Insulated Glass, Add	*130.77*	
		For Obscure Glass, Add	*143.85*	
08 53 13 00-0067	EA	>83" To 93" UI, Horizontal Sliding Vinyl Window (Milgard Style Line™ Series)	708.93	71.17
		For Colored Vinyl, Add	*56.66*	
		For Tinted Glass, Add	*67.99*	
		For Low-E Insulated Glass, Add	*141.65*	
		For Obscure Glass, Add	*155.81*	
08 53 13 00-0068	EA	>93" To 101" UI, Horizontal Sliding Vinyl Window (Milgard Style Line™ Series)	747.82	76.87
		For Colored Vinyl, Add	*59.41*	
		For Tinted Glass, Add	*71.29*	
		For Low-E Insulated Glass, Add	*148.52*	
		For Obscure Glass, Add	*163.37*	
08 53 13 00-0069	EA	>101" To 110" UI, Horizontal Sliding Vinyl Window (Milgard Style Line™ Series)	789.04	82.56
		For Colored Vinyl, Add	*62.39*	
		For Tinted Glass, Add	*74.87*	
		For Low-E Insulated Glass, Add	*155.98*	
		For Obscure Glass, Add	*171.58*	
08 53 13 00-0070	EA	>110" To 120" UI, Horizontal Sliding Vinyl Window (Milgard Style Line™ Series)	857.15	88.26
		For Colored Vinyl, Add	*68.06*	
		For Tinted Glass, Add	*81.68*	
		For Low-E Insulated Glass, Add	*170.16*	
		For Obscure Glass, Add	*187.18*	
08 53 13 00-0071	UI	>120" UI, Horizontal Sliding Vinyl Window (Milgard Style Line™ Series)	7.16	0.74
		For Colored Vinyl, Add	*0.57*	
		For Tinted Glass, Add	*0.68*	
		For Low-E Insulated Glass, Add	*1.42*	
		For Obscure Glass, Add	*1.56*	
08 53 13 00-0072		**Horizontal Sliding Premium Vinyl Windows (Milgard Tuscany Series)** *(08 53 13 00-0055)* Note: Includes white solid vinyl interior and exterior, standard hardware, clear high-performance Low-E insulating glass. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).		
08 53 13 00-0073	EA	Up To 60" (UI) United Inches, White Vinyl, Low-E2 Insulating Glass, Horizontal Slider Window With Standard Hardware, Insect Screen (Milgard Tuscany Series)	439.08	56.94
08 53 13 00-0074	EA	>60" To 73" (UI) United Inches, White Vinyl, Low-E2 Insulating Glass, Horizontal Slider Window With Standard Hardware, Insect Screen (Milgard Tuscany Series)	505.80	60.36
08 53 13 00-0075	EA	>73" To 83" (UI) United Inches, White Vinyl, Low-E2 Insulating Glass, Horizontal Slider Window With Standard Hardware, Insect Screen (Milgard Tuscany Series)	581.41	66.05
08 53 13 00-0076	EA	>83" To 93" (UI) United Inches, White Vinyl, Low-E2 Insulating Glass, Horizontal Slider Window With Standard Hardware, Insect Screen (Milgard Tuscany Series)	596.81	66.05
08 53 13 00-0077	EA	>93" To 101" (UI) United Inches, White Vinyl, Low-E2 Insulating Glass, Horizontal Slider Window With Standard Hardware, Insect Screen (Milgard Tuscany Series)	647.55	77.44
08 53 13 00-0078	EA	>101" To 110" (UI) United Inches, White Vinyl, Low-E2 Insulating Glass, Horizontal Slider Window With Standard Hardware, Insect Screen (Milgard Tuscany Series)	664.54	83.13
08 53 13 00-0079	EA	>110" To 120" (UI) United Inches, White Vinyl, Low-E2 Insulating Glass, Horizontal Slider Window With Standard Hardware, Insect Screen (Milgard Tuscany Series)	875.06	88.83
08 53 13 00-0080	UI	>120" (UI) United Inches, White Vinyl, Low-E2 Insulating Glass, Horizontal Slider Window With Standard Hardware, Insect Screen (Milgard Tuscany Series)	7.30	0.74
08 53 13 00-0081		**Fixed Picture Vinyl Windows** *(08 53 13)*		
08 53 13 00-0082		**Fixed Picture Vinyl Windows (Milgard Style Line™ Series)** *(08 53 13 00-0081)* Note: Includes white solid vinyl interior and exterior, standard hardware, clear high-performance Low-E insulating glass. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height). Minimum STC rating of 32 included in price.		
08 53 13 00-0083	EA	Up To 53" UI, Fixed Picture Vinyl Window (Milgard Style Line™ Series)	677.97	48.40
		For Colored Vinyl, Add	*58.12*	
		For Tinted Glass, Add	*69.74*	
		For Low-E Insulated Glass, Add	*145.30*	
		For Obscure Glass, Add	*159.82*	
		For STC 44 Rating, Add	*203.41*	
08 53 13 00-0084	EA	>53 To 63" UI, Fixed Picture Vinyl Window (Milgard Style Line™ Series)	770.26	54.10
		For Colored Vinyl, Add	*66.21*	
		For Tinted Glass, Add	*79.45*	
		For Low-E Insulated Glass, Add	*165.52*	
		For Obscure Glass, Add	*182.07*	
		For STC 44 Rating, Add	*231.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0085	EA	>63 To 73" UI, Fixed Picture Vinyl Window (Milgard Style Line™ Series)	853.39	59.78
		For Colored Vinyl, Add	*73.38*	
		For Tinted Glass, Add	*88.06*	
		For Low-E Insulated Glass, Add	*183.45*	
		For Obscure Glass, Add	*201.80*	
		For STC 44 Rating, Add	*256.83*	
08 53 13 00-0086	EA	>73" To 83" UI, Fixed Picture Vinyl Window (Milgard Style Line™ Series)	927.36	65.48
		For Colored Vinyl, Add	*79.64*	
		For Tinted Glass, Add	*95.57*	
		For Low-E Insulated Glass, Add	*199.10*	
		For Obscure Glass, Add	*219.01*	
		For STC 44 Rating, Add	*278.74*	
08 53 13 00-0087	EA	>83" To 93" UI, Fixed Picture Vinyl Window (Milgard Style Line™ Series)	992.20	71.17
		For Colored Vinyl, Add	*84.99*	
		For Tinted Glass, Add	*101.98*	
		For Low-E Insulated Glass, Add	*212.46*	
		For Obscure Glass, Add	*233.71*	
		For STC 44 Rating, Add	*297.45*	
08 53 13 00-0088	EA	>93" To 101" UI, Fixed Picture Vinyl Window (Milgard Style Line™ Series)	1,030.55	76.87
		For Colored Vinyl, Add	*87.68*	
		For Tinted Glass, Add	*105.22*	
		For Low-E Insulated Glass, Add	*219.20*	
		For Obscure Glass, Add	*241.12*	
		For STC 44 Rating, Add	*306.88*	
08 53 13 00-0089	UI	>101" UI, Fixed Picture Vinyl Window (Milgard Style Line™ Series)	10.16	0.74
		For Colored Vinyl, Add	*0.87*	
		For Tinted Glass, Add	*1.04*	
		For Low-E Insulated Glass, Add	*2.17*	
		For Obscure Glass, Add	*2.39*	
		For STC 44 Rating, Add	*3.04*	

08 53 13 00-0090 Accessories For Vinyl Windows *(08 53 13)*

08 53 13 00-0091 Factory Installed Grilles For Vinyl Windows *(08 53 13 00-0090)*

08 53 13 00-0092 Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows *(08 53 13 00-0091)*

08 53 13 00-0093	EA	Up To 9 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	71.08
08 53 13 00-0094	EA	>9 To 18 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	91.39
08 53 13 00-0095	EA	>18 To 24 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	117.71
08 53 13 00-0096	EA	>24 To 36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	138.94
08 53 13 00-0097	EA	>36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	170.79

08 53 13 00-0098 Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows *(08 53 13 00-0091)*

08 53 13 00-0099	EA	Up To 9 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	161.56
08 53 13 00-0100	EA	>9 To 18 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	193.87
08 53 13 00-0101	EA	>18 To 24 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	244.64
08 53 13 00-0102	EA	>24 To 36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	304.65
08 53 13 00-0103	EA	>36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	364.66

08 53 13 00-0104 Vinyl Windows Replacement *(08 53 13)*

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

08 53 13 00-0105 Double Hung Vinyl Windows *(08 53 13 00-0104)*

08 53 13 00-0106 Double Hung Flanged Vinyl Windows (Milgard Quiet Line™ Series) *(08 53 13 00-0105)*

08 53 13 00-0107	EA	Up To 73" UI, Double Hung Vinyl Window (Milgard Quiet Line™ Series)	1,085.10
		For Re-Installation Of Existing Security Bars, Add	*28.46*
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*26.90*
		For New Security Bar Installation (includes foot quick release), Add	*579.75*
08 53 13 00-0108	EA	>73" To 83" UI, Double Hung Vinyl Window (Milgard Quiet Line™ Series)	1,196.84
		For Re-Installation Of Existing Security Bars, Add	*28.46*
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*29.47*
		For New Security Bar Installation (includes foot quick release), Add	*579.75*
08 53 13 00-0109	EA	>83" To 93" UI, Double Hung Vinyl Window (Milgard Quiet Line™ Series)	1,301.48
		For Re-Installation Of Existing Security Bars, Add	*28.46*
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*32.03*
		For New Security Bar Installation (includes foot quick release), Add	*579.75*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0110	EA	>93" To 101" UI, Double Hung Vinyl Window (Milgard Quiet Line™ Series)	1,376.35	
		For Re-Installation Of Existing Security Bars, Add	*39.84*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*34.59*	
		For New Security Bar Installation (includes foot quick release), Add	*774.89*	
08 53 13 00-0111	EA	>101" To 110" UI, Double Hung Vinyl Window (Milgard Quiet Line™ Series)	1,456.54	
		For Re-Installation Of Existing Security Bars, Add	*39.84*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*37.15*	
		For New Security Bar Installation (includes foot quick release), Add	*774.89*	
08 53 13 00-0112	EA	>110" To 120" UI, Double Hung Vinyl Window (Milgard Quiet Line™ Series)	1,583.51	
		For Re-Installation Of Existing Security Bars, Add	*39.84*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*39.72*	
		For New Security Bar Installation (includes foot quick release), Add	*774.89*	
08 53 13 00-0113	UI	>120" UI, Double Hung Vinyl Window (Milgard Quiet Line™ Series)	13.23	
		For Re-Installation Of Existing Security Bars, Add	*0.34*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*0.33*	
		For New Security Bar Installation (includes foot quick release), Add	*6.47*	

08 53 13 00-0114 Casement Vinyl Windows *(08 53 13 00-0104)*

08 53 13 00-0115 Casement Flanged Vinyl Windows (Milgard Quiet Line™ Series) *(08 53 13 00-0114)*

08 53 13 00-0116 One Operating Sash, Casement Vinyl Windows (Milgard Quiet Line™ Series) *(08 53 13 00-0115)*

08 53 13 00-0117	EA	Up To 53" UI, One Operating Sash, Casement Vinyl Window (Milgard Quiet Line™ Series)	1,047.05	
		For Re-Installation Of Existing Security Bars, Add	*28.46*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*21.78*	
		For New Security Bar Installation (includes foot quick release), Add	*579.75*	
08 53 13 00-0118	EA	>53 To 63" UI, One Operating Sash, Casement Vinyl Window (Milgard Quiet Line™ Series)	1,189.63	
		For Re-Installation Of Existing Security Bars, Add	*28.46*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*24.34*	
		For New Security Bar Installation (includes foot quick release), Add	*579.75*	
08 53 13 00-0119	EA	>63 To 73" UI, One Operating Sash, Casement Vinyl Window (Milgard Quiet Line™ Series)	1,318.00	
		For Re-Installation Of Existing Security Bars, Add	*28.46*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*26.90*	
		For New Security Bar Installation (includes foot quick release), Add	*579.75*	
08 53 13 00-0120	EA	>73" To 83" UI, One Operating Sash, Casement Vinyl Window (Milgard Quiet Line™ Series)	1,432.23	
		For Re-Installation Of Existing Security Bars, Add	*28.46*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*29.47*	
		For New Security Bar Installation (includes foot quick release), Add	*579.75*	
08 53 13 00-0121	EA	>83" To 93" UI, One Operating Sash, Casement Vinyl Window (Milgard Quiet Line™ Series)	1,532.26	
		For Re-Installation Of Existing Security Bars, Add	*28.46*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*32.03*	
		For New Security Bar Installation (includes foot quick release), Add	*579.75*	
08 53 13 00-0122	EA	>93" To 101" UI, One Operating Sash, Casement Vinyl Window (Milgard Quiet Line™ Series)	1,591.17	
		For Re-Installation Of Existing Security Bars, Add	*39.84*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*34.59*	
		For New Security Bar Installation (includes foot quick release), Add	*774.89*	
08 53 13 00-0123	UI	>101" UI, One Operating Sash, Casement Vinyl Window (Milgard Quiet Line™ Series)	15.69	
		For Re-Installation Of Existing Security Bars, Add	*0.34*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*0.33*	
		For New Security Bar Installation (includes foot quick release), Add	*6.47*	

08 53 13 00-0124 Two Operating Sashes, Casement Vinyl Windows (Milgard Quiet Line™ Series) *(08 53 13 00-0115)*

08 53 13 00-0125	EA	Up To 73" UI, Two Operating Sashes, Casement Vinyl Window (Milgard Quiet Line™ Series)	1,757.95	
		For Re-Installation Of Existing Security Bars, Add	*28.46*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*26.90*	
		For New Security Bar Installation (includes foot quick release), Add	*579.75*	
08 53 13 00-0126	EA	>73" To 83" UI, Two Operating Sashes, Casement Vinyl Window (Milgard Quiet Line™ Series)	1,932.42	
		For Re-Installation Of Existing Security Bars, Add	*28.46*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*29.47*	
		For New Security Bar Installation (includes foot quick release), Add	*579.75*	
08 53 13 00-0127	EA	>83" To 93" UI, Two Operating Sashes, Casement Vinyl Window (Milgard Quiet Line™ Series)	2,092.72	
		For Re-Installation Of Existing Security Bars, Add	*28.46*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*32.03*	
		For New Security Bar Installation (includes foot quick release), Add	*579.75*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0128	EA	>93" To 101" UI, Two Operating Sashes, Casement Vinyl Window (Milgard Quiet Line™ Series)	2,199.85	
		For Re-Installation Of Existing Security Bars, Add	*39.84*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*34.59*	
		For New Security Bar Installation (includes foot quick release), Add	*774.89*	
08 53 13 00-0129	EA	>101" To 110" UI, Two Operating Sashes, Casement Vinyl Window (Milgard Quiet Line™ Series)	2,314.41	
		For Re-Installation Of Existing Security Bars, Add	*39.84*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*37.15*	
		For New Security Bar Installation (includes foot quick release), Add	*774.89*	
08 53 13 00-0130	EA	>110" To 120" UI, Two Operating Sashes, Casement Vinyl Window (Milgard Quiet Line™ Series)	2,434.31	
		For Re-Installation Of Existing Security Bars, Add	*39.84*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*39.72*	
		For New Security Bar Installation (includes foot quick release), Add	*774.89*	
08 53 13 00-0131	UI	>120" UI, Two Operating Sashes, Casement Vinyl Window (Milgard Quiet Line™ Series)	20.31	
		For Re-Installation Of Existing Security Bars, Add	*0.34*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*0.33*	
		For New Security Bar Installation (includes foot quick release), Add	*6.47*	

08 53 13 00-0132 Horizontal Sliding Vinyl Windows *(08 53 13 00-0104)*

08 53 13 00-0133 Horizontal Flanged Sliding Vinyl Windows (Milgard Quiet Line™ Series) *(08 53 13 00-0132)*

08 53 13 00-0134	EA	Up To 73" UI, Horizontal Sliding Vinyl Window (Milgard Quiet Line™ Series)	981.60	
		For Re-Installation Of Existing Security Bars, Add	*28.46*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*26.90*	
		For New Security Bar Installation (includes foot quick release), Add	*579.75*	
08 53 13 00-0135	EA	>73" To 83" UI, Horizontal Sliding Vinyl Window (Milgard Quiet Line™ Series)	1,079.16	
		For Re-Installation Of Existing Security Bars, Add	*28.46*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*29.47*	
		For New Security Bar Installation (includes foot quick release), Add	*579.75*	
08 53 13 00-0136	EA	>83" To 93" UI, Horizontal Sliding Vinyl Window (Milgard Quiet Line™ Series)	1,169.59	
		For Re-Installation Of Existing Security Bars, Add	*28.46*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*32.03*	
		For New Security Bar Installation (includes foot quick release), Add	*579.75*	
08 53 13 00-0137	EA	>93" To 101" UI, Horizontal Sliding Vinyl Window (Milgard Quiet Line™ Series)	1,233.12	
		For Re-Installation Of Existing Security Bars, Add	*39.84*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*34.59*	
		For New Security Bar Installation (includes foot quick release), Add	*774.89*	
08 53 13 00-0138	EA	>101" To 110" UI, Horizontal Sliding Vinyl Window (Milgard Quiet Line™ Series)	1,300.56	
		For Re-Installation Of Existing Security Bars, Add	*39.84*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*37.15*	
		For New Security Bar Installation (includes foot quick release), Add	*774.89*	
08 53 13 00-0139	EA	>110" To 120" UI, Horizontal Sliding Vinyl Window (Milgard Quiet Line™ Series)	1,413.35	
		For Re-Installation Of Existing Security Bars, Add	*39.84*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*39.72*	
		For New Security Bar Installation (includes foot quick release), Add	*774.89*	
08 53 13 00-0140	UI	>120" UI, Horizontal Sliding Vinyl Window (Milgard Quiet Line™ Series)	11.80	
		For Re-Installation Of Existing Security Bars, Add	*0.34*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*0.33*	
		For New Security Bar Installation (includes foot quick release), Add	*6.47*	

08 53 13 00-0141 Fixed Picture Vinyl Windows *(08 53 13 00-0104)*

08 53 13 00-0142 Fixed Picture Flanged Vinyl Windows (Milgard Style Line™ Series) *(08 53 13 00-0141)*

08 53 13 00-0143	EA	Up To 53" UI, Fixed Picture Vinyl Window (Milgard Style Line™ Series)	726.38	
		For Re-Installation Of Existing Security Bars, Add	*28.46*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*21.78*	
		For New Security Bar Installation (includes foot quick release), Add	*579.75*	
08 53 13 00-0144	EA	>53 To 63" UI, Fixed Picture Vinyl Window (Milgard Style Line™ Series)	824.36	
		For Re-Installation Of Existing Security Bars, Add	*28.46*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*24.34*	
		For New Security Bar Installation (includes foot quick release), Add	*579.75*	
08 53 13 00-0145	EA	>63 To 73" UI, Fixed Picture Vinyl Window (Milgard Style Line™ Series)	913.17	
		For Re-Installation Of Existing Security Bars, Add	*28.46*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*26.90*	
		For New Security Bar Installation (includes foot quick release), Add	*579.75*	
08 53 13 00-0146	EA	>73" To 83" UI, Fixed Picture Vinyl Window (Milgard Style Line™ Series)	992.85	
		For Re-Installation Of Existing Security Bars, Add	*28.46*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*29.47*	
		For New Security Bar Installation (includes foot quick release), Add	*579.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0147	EA	>83" To 93" UI, Fixed Picture Vinyl Window (Milgard Style Line™ Series)	1,063.37	
		For Re-Installation Of Existing Security Bars, Add	*28.46*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*32.03*	
		For New Security Bar Installation (includes foot quick release), Add	*579.75*	
08 53 13 00-0148	EA	>93" To 101" UI, Fixed Picture Vinyl Window (Milgard Style Line™ Series)	1,107.42	
		For Re-Installation Of Existing Security Bars, Add	*39.84*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*34.59*	
		For New Security Bar Installation (includes foot quick release), Add	*774.89*	
08 53 13 00-0149	UI	>101" UI, Fixed Picture Vinyl Window (Milgard Style Line™ Series)	10.91	
		For Re-Installation Of Existing Security Bars, Add	*0.34*	
		For Minor Welding And L Bracket Extensions And Paint Touchup. (Up to1/8" thick steel and 1/8" tack welds all ground to match), Add	*0.33*	
		For New Security Bar Installation (includes foot quick release), Add	*6.47*	

08 53 13 00-0150 Accessories For Vinyl Windows *(08 53 13 00-0104)*

08 53 13 00-0151 Factory Installed Grilles For Vinyl Windows *(08 53 13 00-0150)*

08 53 13 00-0152 Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows *(08 53 13 00-0151)*

08 53 13 00-0153	EA	Up To 9 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	71.08	
08 53 13 00-0154	EA	>9 To 18 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	91.39	
08 53 13 00-0155	EA	>18 To 24 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	117.71	
08 53 13 00-0156	EA	>24 To 36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	138.94	
08 53 13 00-0157	EA	>36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	170.79	

08 53 13 00-0158 Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows *(08 53 13 00-0151)*

08 53 13 00-0159	EA	Up To 9 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	161.56	
08 53 13 00-0160	EA	>9 To 18 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	193.87	
08 53 13 00-0161	EA	>18 To 24 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	244.64	
08 53 13 00-0162	EA	>24 To 36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	304.65	
08 53 13 00-0163	EA	>36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	364.66	

08 53 13 00-0164 Meeting Egress Code For Windows *(08 53 13 00-0104)*

08 53 13 00-0165	EA	Drop Sill Up To 47" Note: Includes king stud, trimmers, cripples, exterior flashing, stucco molding, stucco patch with fog coat, drywall texture to match existing 90%, insulation if applicable (R-15), lath and paper overlap, backer rod, caulking, paint touch-up to match existing minimum 90% (hand applied only)	368.69	
08 53 13 00-0166	EA	Enlarge Sideways Up To 49" Wide Note: Includes header, king stud, trimmers, cripples, exterior flashing, stucco molding, stucco path with fog coat, drywall texture to match existing 90%, insulation if applicable (R-15), lath and paper overlap, backer rod, caulking, paint touch-up to match existing minimum 90% (hand applied only	481.17	

08 53 66 Vinyl Window Screens *(08 53)*

08 53 66 00-0001 Insect Screens For Vinyl Windows *(08 53 66)*

08 53 66 00-0002	EA	Up To 6 SF, Insect Screen For Vinyl Windows	66.76	10.30
08 53 66 00-0003	EA	>6 To 9 SF, Insect Screen For Vinyl Windows	94.45	10.30
08 53 66 00-0004	EA	>9 To 12 SF, Insect Screen For Vinyl Windows	103.69	10.30
08 53 66 00-0005	EA	>12 To 15 SF, Insect Screen For Vinyl Windows	122.15	10.30
08 53 66 00-0006	EA	>15 To 20 SF, Insect Screen For Vinyl Windows	163.69	10.30
08 53 66 00-0007	EA	>20 To 25 SF, Insect Screen For Vinyl Windows	182.16	10.30
08 53 66 00-0008	EA	>25 To 30 SF, Insect Screen For Vinyl Windows	209.85	10.30
08 53 66 00-0009	EA	>30 To 35 SF, Insect Screen For Vinyl Windows	228.32	10.30
08 53 66 00-0010	SF	>35 SF, Insect Screen For Vinyl Windows	6.97	0.21

08 56 Special Function Windows *(08 50)*

08 56 19 Pass Windows *(08 56)*

08 56 19 00-0001 Bullet Resistant Pass Through Service Window, Steel Frame *(08 56 19)*

Note: Secure air passage for voice transmission; Natural Voice Transmission (NVR)

08 56 19 00-0002	EA	24" x 36", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame	4,881.81	708.17
		For 1.375" Acrylic Level II Bullet Resistant Glazing, Add	*45.00*	
		For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add	*295.00*	
08 56 19 00-0003	EA	30" x 36", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame	5,376.85	767.19
		For 1.375" Acrylic Level II Bullet Resistant Glazing, Add	*60.00*	
		For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add	*370.00*	
08 56 19 00-0004	EA	36" x 36", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame	5,654.98	826.21
		For 1.375" Acrylic Level II Bullet Resistant Glazing, Add	*70.00*	
		For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add	*445.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 56 19 00-0005	EA	48" x 40", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame	7,076.83	944.24
		For 1.375" Acrylic Level II Bullet Resistant Glazing, Add	*100.00*	
		For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add	*650.00*	
08 56 19 00-0006	EA	72" x 40", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame	9,550.73	1,416.36
		For 1.375" Acrylic Level II Bullet Resistant Glazing, Add	*150.00*	
		For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add	*975.00*	

08 56 56 Security Window Screens *(08 56)*

Note: Includes frame and mounting hardware. Operable security screens include hinges and related hardware.

08 56 56 00-0001 Wire Mesh Security Screen *(08 56 56)*

08 56 56 00-0002 Wire Mesh, Inoperable, Security Window Screen *(08 56 56 00-0001)*

08 56 56 00-0003	SF	13 Gauge, Wire Mesh, Inoperable, Steel Security Window Screen	36.39	5.32
		For Painted Steel, Add	*2.93*	
		For Galvanized Steel, Add	*5.86*	
		For Aluminum, Add	*11.72*	
		For Stainless Steel, Add	*51.29*	
08 56 56 00-0004	SF	11 Gauge, Wire Mesh, Inoperable, Steel Security Window Screen	37.23	5.32
		For Painted Steel, Add	*3.02*	
		For Galvanized Steel, Add	*6.03*	
		For Aluminum, Add	*12.06*	
		For Stainless Steel, Add	*52.76*	
08 56 56 00-0005	SF	9 Gauge, Wire Mesh, Inoperable, Steel Security Window Screen	41.10	5.32
		For Painted Steel, Add	*3.40*	
		For Galvanized Steel, Add	*6.80*	
		For Aluminum, Add	*13.61*	
		For Stainless Steel, Add	*59.54*	
08 56 56 00-0006	SF	6 Gauge, Wire Mesh, Inoperable, Steel Security Window Screen	49.37	5.32
		For Painted Steel, Add	*4.23*	
		For Galvanized Steel, Add	*8.46*	
		For Aluminum, Add	*16.92*	
		For Stainless Steel, Add	*74.01*	

08 56 56 00-0007 Wire Mesh, Operable, Security Window Screen *(08 56 56 00-0001)*

08 56 56 00-0008	SF	13 Gauge, Wire Mesh, Operable, Steel Security Window Screen	51.19	6.49
		For Painted Steel, Add	*4.18*	
		For Galvanized Steel, Add	*8.35*	
		For Aluminum, Add	*16.70*	
		For Stainless Steel, Add	*73.06*	
08 56 56 00-0009	SF	11 Gauge, Wire Mesh, Operable, Steel Security Window Screen	52.46	6.49
		For Painted Steel, Add	*4.30*	
		For Galvanized Steel, Add	*8.60*	
		For Aluminum, Add	*17.21*	
		For Stainless Steel, Add	*75.29*	
08 56 56 00-0010	SF	9 Gauge, Wire Mesh, Operable, Steel Security Window Screen	58.01	6.49
		For Painted Steel, Add	*4.86*	
		For Galvanized Steel, Add	*9.71*	
		For Aluminum, Add	*19.43*	
		For Stainless Steel, Add	*85.00*	
08 56 56 00-0011	SF	6 Gauge, Wire Mesh, Operable, Steel Security Window Screen	69.61	6.49
		For Painted Steel, Add	*6.02*	
		For Galvanized Steel, Add	*12.03*	
		For Aluminum, Add	*24.07*	
		For Stainless Steel, Add	*105.30*	

08 56 56 00-0012 Wire Cloth Security Screen *(08 56 56)*

Note: Wire cloth has from 10 to 12 strands per 1".

08 56 56 00-0013 Wire Cloth, Inoperable, Security Window Screens *(08 56 56 00-0012)*

08 56 56 00-0014	SF	24 Gauge, Wire Cloth, Inoperable, Steel Security Window Screen	23.38	3.54
		For Painted Steel, Add	*0.87*	
		For Galvanized Steel, Add	*2.62*	
		For Aluminum, Add	*5.24*	
		For Stainless Steel, Add	*21.85*	
08 56 56 00-0015	SF	22 Gauge, Wire Cloth, Inoperable, Steel Security Window Screen	24.56	3.54
		For Painted Steel, Add	*0.93*	
		For Galvanized Steel, Add	*2.80*	
		For Aluminum, Add	*5.60*	
		For Stainless Steel, Add	*23.33*	
08 56 56 00-0016	SF	20 Gauge, Wire Cloth, Inoperable, Steel Security Window Screen	26.40	3.54
		For Painted Steel, Add	*1.03*	
		For Galvanized Steel, Add	*3.08*	
		For Aluminum, Add	*6.15*	
		For Stainless Steel, Add	*25.63*	
08 56 56 00-0017	SF	18 Gauge, Wire Cloth, Inoperable, Steel Security Window Screen	29.93	3.54
		For Painted Steel, Add	*1.20*	
		For Galvanized Steel, Add	*3.60*	
		For Aluminum, Add	*7.21*	
		For Stainless Steel, Add	*30.04*	

08 56 56 00-0018 Wire Cloth, Operable, Security Window Screens *(08 56 56 00-0012)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 56 56 00-0019	SF	24 Gauge, Wire Cloth, Operable, Steel Security Window Screen	31.99	4.72
		For Painted Steel, Add	*1.25*	
		For Galvanized Steel, Add	*3.74*	
		For Aluminum, Add	*7.47*	
		For Stainless Steel, Add	*31.14*	
08 56 56 00-0020	SF	22 Gauge, Wire Cloth, Operable, Steel Security Window Screen	33.80	4.72
		For Painted Steel, Add	*1.34*	
		For Galvanized Steel, Add	*4.01*	
		For Aluminum, Add	*8.02*	
		For Stainless Steel, Add	*33.40*	
08 56 56 00-0021	SF	20 Gauge, Wire Cloth, Operable, Steel Security Window Screen	36.32	4.72
		For Painted Steel, Add	*1.46*	
		For Galvanized Steel, Add	*4.39*	
		For Aluminum, Add	*8.77*	
		For Stainless Steel, Add	*36.55*	
08 56 56 00-0022	SF	18 Gauge, Wire Cloth, Operable, Steel Security Window Screen	41.37	4.72
		For Painted Steel, Add	*1.71*	
		For Galvanized Steel, Add	*5.14*	
		For Aluminum, Add	*10.29*	
		For Stainless Steel, Add	*42.86*	

08 56 56 00-0023 Expanded Metal Security Screen *(08 56 56)*

Note: Flattened or standard pattern. Dimension given is the short distance across the opening (SWO). The # designation is the pattern number of the expanded metal and is not the gauge.

08 56 56 00-0024 Expanded Metal, Inoperable, Security Screen *(08 56 56 00-0023)*

08 56 56 00-0025	SF	1/4" #18, Thickness 0.04" Expanded Metal, Inoperable, Steel Security Window Screen	44.74	8.85
		For Painted Steel, Add	*1.71*	
		For Galvanized Steel, Add	*5.12*	
		For Aluminum, Add	*10.24*	
		For Stainless Steel, Add	*42.65*	
08 56 56 00-0026	SF	1/2" #13, Thickness 0.07" Expanded Metal, Inoperable, Steel Security Window Screen	51.97	10.62
		For Painted Steel, Add	*1.95*	
		For Galvanized Steel, Add	*5.85*	
		For Aluminum, Add	*11.70*	
		For Stainless Steel, Add	*48.74*	
08 56 56 00-0027	SF	3/4" #13, Thickness 0.07" Expanded Metal, Inoperable, Steel Security Window Screen	57.86	12.98
		For Painted Steel, Add	*2.13*	
		For Galvanized Steel, Add	*6.38*	
		For Aluminum, Add	*12.76*	
		For Stainless Steel, Add	*53.15*	
08 56 56 00-0028	SF	3/4" #9, Thickness 0.12" Expanded Metal, Inoperable, Steel Security Window Screen	67.46	15.34
		For Painted Steel, Add	*2.43*	
		For Galvanized Steel, Add	*7.29*	
		For Aluminum, Add	*14.57*	
		For Stainless Steel, Add	*60.71*	
08 56 56 00-0029	SF	1-1/2" #9, Thickness 0.11" Expanded Metal, Inoperable, Steel Security Window Screen	62.74	14.75
		For Painted Steel, Add	*2.25*	
		For Galvanized Steel, Add	*6.76*	
		For Aluminum, Add	*13.51*	
		For Stainless Steel, Add	*56.30*	
08 56 56 00-0030	SF	3 Lb./SF, Expanded Metal, Inoperable, Steel Security Window Screen	79.06	18.89
		For Painted Steel, Add	*2.83*	
		For Galvanized Steel, Add	*8.50*	
		For Aluminum, Add	*16.99*	
		For Stainless Steel, Add	*70.80*	

08 56 56 00-0031 Expanded Metal, Operable, Security Screen *(08 56 56 00-0023)*

08 56 56 00-0032	SF	1/4" #18, Thickness 0.04" Expanded Metal, Operable, Steel Security Window Screen	40.93	10.62
		For Painted Steel, Add	*1.40*	
		For Galvanized Steel, Add	*4.19*	
		For Aluminum, Add	*8.39*	
		For Stainless Steel, Add	*34.94*	
08 56 56 00-0033	SF	1/2" #13, Thickness 0.07" Expanded Metal, Operable, Steel Security Window Screen	70.97	12.98
		For Painted Steel, Add	*2.78*	
		For Galvanized Steel, Add	*8.34*	
		For Aluminum, Add	*16.69*	
		For Stainless Steel, Add	*69.54*	
08 56 56 00-0034	SF	3/4" #13, Thickness 0.07" Expanded Metal, Operable, Steel Security Window Screen	78.37	14.75
		For Painted Steel, Add	*3.03*	
		For Galvanized Steel, Add	*9.10*	
		For Aluminum, Add	*18.20*	
		For Stainless Steel, Add	*75.84*	
08 56 56 00-0035	SF	1-1/2" #9, Thickness 0.11" Expanded Metal, Operable, Steel Security Window Screen	84.27	16.52
		For Painted Steel, Add	*3.21*	
		For Galvanized Steel, Add	*9.63*	
		For Aluminum, Add	*19.26*	
		For Stainless Steel, Add	*80.25*	
08 56 56 00-0036	SF	3/4" #9, Thickness 0.12" Expanded Metal, Operable, Steel Security Window Screen	91.63	18.89
		For Painted Steel, Add	*3.46*	
		For Galvanized Steel, Add	*10.38*	
		For Aluminum, Add	*20.76*	
		For Stainless Steel, Add	*86.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 56 56 00-0037	SF	3 Lb./SF, Expanded Metal, Operable, Steel Security Window Screen	105.46	20.65
		For Painted Steel, Add	*4.03*	
		For Galvanized Steel, Add	*12.10*	
		For Aluminum, Add	*24.20*	
		For Stainless Steel, Add	*100.84*	

08 56 56 00-0038 Perforated Metal Security Screen *(08 56 56)*

08 56 56 00-0039 Perforated Metal, Inoperable, Steel Security Window Screen *(08 56 56 00-0038)*

08 56 56 00-0040	SF	22 Gauge Perforated Metal, 63% Openings, Inoperable, Steel Security Window Screen	41.03	5.32
		For Painted Steel, Add	*1.70*	
		For Galvanized Steel, Add	*5.09*	
		For Aluminum, Add	*10.19*	
		For Stainless Steel, Add	*33.95*	
08 56 56 00-0041	SF	20 Gauge Perforated Metal, 63% Openings, Inoperable, Steel Security Window Screen	42.37	5.32
		For Painted Steel, Add	*1.76*	
		For Galvanized Steel, Add	*5.29*	
		For Aluminum, Add	*10.59*	
		For Stainless Steel, Add	*35.29*	
08 56 56 00-0042	SF	18 Gauge Perforated Metal, 63% Openings, Inoperable, Steel Security Window Screen	46.91	5.32
		For Painted Steel, Add	*1.99*	
		For Galvanized Steel, Add	*5.97*	
		For Aluminum, Add	*11.95*	
		For Stainless Steel, Add	*39.83*	
08 56 56 00-0043	SF	16 Gauge Perforated Metal, 63% Openings, Inoperable, Steel Security Window Screen	55.48	5.32
		For Painted Steel, Add	*2.42*	
		For Galvanized Steel, Add	*7.26*	
		For Aluminum, Add	*14.52*	
		For Stainless Steel, Add	*48.40*	

08 56 56 00-0044 Perforated Metal, Operable, Steel Security Window Screen *(08 56 56 00-0038)*

08 56 56 00-0045	SF	22 Gauge Perforated Metal, 63% Openings, Operable, Steel Security Window Screen	57.67	6.49
		For Painted Steel, Add	*2.41*	
		For Galvanized Steel, Add	*7.23*	
		For Aluminum, Add	*14.47*	
		For Stainless Steel, Add	*48.23*	
08 56 56 00-0046	SF	20 Gauge Perforated Metal, 63% Openings, Operable, Steel Security Window Screen	60.03	6.49
		For Painted Steel, Add	*2.53*	
		For Galvanized Steel, Add	*7.59*	
		For Aluminum, Add	*15.18*	
		For Stainless Steel, Add	*50.59*	
08 56 56 00-0047	SF	18 Gauge Perforated Metal, 63% Openings, Operable, Steel Security Window Screen	65.91	6.49
		For Painted Steel, Add	*2.82*	
		For Galvanized Steel, Add	*8.47*	
		For Aluminum, Add	*16.94*	
		For Stainless Steel, Add	*56.47*	
08 56 56 00-0048	SF	16 Gauge Perforated Metal, 63% Openings, Operable, Steel Security Window Screen	78.18	6.49
		For Painted Steel, Add	*3.44*	
		For Galvanized Steel, Add	*10.31*	
		For Aluminum, Add	*20.62*	
		For Stainless Steel, Add	*68.74*	

08 56 56 00-0049 Removal And Reinstallation Of Security Screens And Guards *(08 56 56)*

08 56 56 00-0050	SF	Removal And Reinstallation Of Security Screens	14.86	

08 56 59 Service and Teller Window Units *(08 56)*

08 56 59 00-0001 Communicator For Window *(08 56 59)*

08 56 59 00-0002	EA	Electronic Two-Way Talk-thru Hands-Free Audio Communicator (Haven SC-350) Note: Communicator is designed for applications where a fire shutter or window shade is present. Two-way communication is accomplished through the use of speakers and micro-phones located on each side of the partition. The Master unit is equipped with a 15" gooseneck microphone, power on/off switch, power-on LED, and external volume controls. The Remote Unit is window-mounted and may incorporate a level 3 bullet-resistive insert.	2,725.48	236.06
08 56 59 00-0003	EA	Electronic Two-Way Audio Communicator (Haven SC-300) Note: Communicator is designed for application where a cutout in the barrier is impractical. Two-way communication is accomplished through the use of speakers and microphones located on each side of the partition. The master unit is equipped with a 20" gooseneck microphone, power on/off switch, power-on LED, and external volume controls. The Remote unit is vandal-resistant with all controls located within the housing.	2,372.53	236.06
08 56 59 00-0004	EA	Electronic Two-Way Talk-Thru Communication System (Norcon TTU-1)	2,152.96	236.06

08 56 59 00-0005 Speak-Thru Communicator For Window *(08 56 59)*

08 56 59 00-0006	EA	5-5/16" Diameter, Satin Anodized Aluminum, No-Draft Speak-Thru (CRL 834A) Note: Includes gaskets and mounting screws for installation on glass from 1/4" (6 mm) to 1/2" (12 mm) thick. Require a minimum hole diameter of 2-1/4" (57 mm), and will cover holes up to 4-1/4" (108 mm). Recommended hole diameter is 3-1/2" (89 mm).	153.88	
08 56 59 00-0007	EA	6-3/16" Diameter, Polished Stainless Steel, No-Draft Speak-Thru (Brixwell 834LPS) Note: Includes gaskets and mounting screws for installation on glass from 1/4" (6 mm) to 1/2" (12 mm) thick. Require a minimum hole diameter of 2-1/4" (57 mm), and will cover holes up to 4-1/4" (108 mm). Recommended hole diameter is 3-1/2" (89 mm).	230.32	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 56 59 00-0008		Counter Drop-In Deal Tray *(08 56 59)*		
08 56 59 00-0009	EA	16" Wide x 10" Deep x 1-9/16" High, Brushed Stainless Steel, Standard Drop-In Deal Tray (CRL CTDB16)	439.63	43.01

08 60 Roof Windows and Skylights *(08)*

Note: Includes hardware, caulk, sealant and necessary anchors.

08 62 Unit Skylights *(08 60)*

08 62 23 Tubular Skylights *(08 62)*

08 62 23 00-0001 Aluminum Framed Solar Tube Skylights *(08 62 23)*

Note: Includes knock down curb with safety security guard, class 1 hail rated double glazed skylight, light shaft top trim, reflective light well, T-bar ceiling frame, acrylic diffuser lens and lens clip.

08 62 23 00-0002 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylights *(08 62 23 00-0001)*

08 62 23 00-0003	EA	2' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,405.98	226.09
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*1,063.20*	
08 62 23 00-0004	EA	3' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,483.68	231.75
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*1,064.33*	
08 62 23 00-0005	EA	4' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,559.16	237.39
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*1,065.46*	
08 62 23 00-0006	EA	5' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,665.62	243.05
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*1,066.59*	
08 62 23 00-0007	EA	6' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,758.82	248.70
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*1,067.72*	
08 62 23 00-0008	EA	7' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,834.30	254.35
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*1,068.85*	
08 62 23 00-0009	EA	8' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,909.77	260.01
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*1,069.98*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 62 23 00-0010	EA	9' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,033.94	265.66
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*1,071.11*	
08 62 23 00-0011	EA	10' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,109.42	271.31
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*1,072.24*	
08 62 23 00-0012	EA	11' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,187.12	276.96
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*1,073.37*	
08 62 23 00-0013	EA	12' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,262.60	282.62
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*1,074.50*	
08 62 23 00-0014	EA	13' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,386.76	288.27
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*1,075.63*	
08 62 23 00-0015	EA	14' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,462.25	293.92
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*1,076.76*	
08 62 23 00-0016	EA	15' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,537.73	299.57
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*1,077.89*	
08 62 23 00-0017	EA	16' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,613.21	305.22
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*1,079.03*	

08 62 23 00-0018 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylights *(08 62 23 00-0001)*

08 62 23 00-0019	EA	2' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,704.74	226.09
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*1,063.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 62 23 00-0020	EA	3' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,811.21	231.75
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*1,064.33*	
08 62 23 00-0021	EA	4' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,917.67	237.39
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*1,065.46*	
08 62 23 00-0022	EA	5' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,024.13	243.05
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*1,066.59*	
08 62 23 00-0023	EA	6' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,196.99	248.70
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*1,067.72*	
08 62 23 00-0024	EA	7' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,303.45	254.35
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*1,068.85*	
08 62 23 00-0025	EA	8' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,409.91	260.01
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*1,069.98*	
08 62 23 00-0026	EA	9' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,582.76	265.66
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*1,071.11*	
08 62 23 00-0027	EA	10' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,689.23	271.31
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*1,072.24*	
08 62 23 00-0028	EA	11' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,795.70	276.96
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*1,073.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 62 23 00-0029	EA	12' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,902.16	282.62
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*1,074.50*	
08 62 23 00-0030	EA	13' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	3,075.01	288.27
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*1,075.63*	
08 62 23 00-0031	EA	14' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	3,181.48	293.92
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*1,076.76*	
08 62 23 00-0032	EA	15' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	3,287.94	299.57
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*1,077.89*	
08 62 23 00-0033	EA	16' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	3,394.40	305.22
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*1,079.03*	

08 62 23 00-0034 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylights *(08 62 23 00-0001)*

08 62 23 00-0035	EA	2' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,276.90	254.35
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*1,068.85*	
08 62 23 00-0036	EA	3' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,425.40	260.01
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*1,069.98*	
08 62 23 00-0037	EA	4' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,576.12	265.66
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*1,071.11*	
08 62 23 00-0038	EA	5' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,724.64	271.31
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*1,072.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 62 23 00-0039	EA	6' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,961.67	276.96
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*1,073.37*	
08 62 23 00-0040	EA	7' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	3,110.18	282.62
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*1,074.50*	
08 62 23 00-0041	EA	8' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	3,258.69	288.27
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*1,075.63*	
08 62 23 00-0042	EA	9' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	3,497.94	293.92
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*1,076.76*	
08 62 23 00-0043	EA	10' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	3,646.44	299.57
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*1,077.89*	
08 62 23 00-0044	EA	11' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	3,794.96	305.22
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*1,079.03*	
08 62 23 00-0045	EA	12' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	3,943.46	310.88
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*1,080.16*	
08 62 23 00-0046	EA	13' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	4,180.50	316.52
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*1,081.29*	
08 62 23 00-0047	EA	14' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	4,329.00	322.18
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*1,082.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 62 23 00-0048	EA	15' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	4,479.72	327.84
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*1,083.55*	
08 62 23 00-0049	EA	16' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	4,628.24	333.48
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*1,084.68*	

08 63 Metal-Framed Skylights *(08 60)*

08 63 13 Domed Metal-Framed Skylights *(08 63)*

08 63 13 00-0001 Domed Aluminum Framed Skylights *(08 63 13)*

08 63 13 00-0002 Fixed Dome, Aluminum Framed Skylights *(08 63 13 00-0001)*

08 63 13 00-0003 Industrial Style Fixed Dome, Aluminum Framed Skylights *(08 63 13 00-0002)*

08 63 13 00-0004 Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylights *(08 63 13 00-0003)*

Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb and flashing.

08 63 13 00-0005	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	932.16	152.61
08 63 13 00-0006	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,113.97	163.91
08 63 13 00-0007	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,483.07	180.87
08 63 13 00-0008	EA	27-1/4" x 123-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,660.97	192.17
08 63 13 00-0009	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,172.89	163.91
08 63 13 00-0010	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,443.65	180.87
08 63 13 00-0011	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,563.42	192.17
08 63 13 00-0012	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,765.12	203.49
08 63 13 00-0013	EA	39-1/4" x 123-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,036.68	220.44
08 63 13 00-0014	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,470.56	192.17
08 63 13 00-0015	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,586.83	197.83
08 63 13 00-0016	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,773.34	203.49
08 63 13 00-0017	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,913.01	209.13
08 63 13 00-0018	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,106.52	226.09
08 63 13 00-0019	EA	52-1/4" x 123-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,347.24	237.39
08 63 13 00-0020	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,726.51	203.49
08 63 13 00-0021	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,873.58	214.79
08 63 13 00-0022	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,099.11	220.44
08 63 13 00-0023	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,223.18	231.75
08 63 13 00-0024	EA	63-1/4" x 123-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,541.97	243.05

08 63 13 00-0025 Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylights *(08 63 13 00-0003)*

Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb and flashing.

08 63 13 00-0026	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,127.28	152.61
08 63 13 00-0027	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,305.19	163.91

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 63 13 00-0028	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,635.26	180.87
08 63 13 00-0029	EA	27-1/4" x 123-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,817.06	192.17
08 63 13 00-0030	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,313.38	163.91
08 63 13 00-0031	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,552.92	180.87
08 63 13 00-0032	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,680.48	192.17
08 63 13 00-0033	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,897.80	203.49
08 63 13 00-0034	EA	39-1/4" x 123-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,114.72	220.44
08 63 13 00-0035	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,579.83	192.17
08 63 13 00-0036	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,711.70	197.83
08 63 13 00-0037	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,839.67	203.49
08 63 13 00-0038	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,987.16	209.13
08 63 13 00-0039	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,145.54	226.09
08 63 13 00-0040	EA	52-1/4" x 123-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,390.17	237.39
08 63 13 00-0041	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,855.28	203.49
08 63 13 00-0042	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,014.07	214.79
08 63 13 00-0043	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,181.06	220.44
08 63 13 00-0044	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,312.94	231.75
08 63 13 00-0045	EA	63-1/4" x 123-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,600.51	243.05
08 63 13 00-0046		**High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylights** *(08 63 13 00-0003)* Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb and flashing.		
08 63 13 00-0047	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,142.89	152.61
08 63 13 00-0048	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,336.40	163.91
08 63 13 00-0049	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,678.19	180.87
08 63 13 00-0050	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,352.40	163.91
08 63 13 00-0051	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,607.55	180.87
08 63 13 00-0052	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,723.41	192.17
08 63 13 00-0053	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,944.63	203.49
08 63 13 00-0054	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,614.95	192.17
08 63 13 00-0055	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,742.92	197.83
08 63 13 00-0056	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,890.40	203.49
08 63 13 00-0057	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,037.89	209.13
08 63 13 00-0058	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,207.98	226.09
08 63 13 00-0059	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,902.11	203.49
08 63 13 00-0060	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,076.50	214.79
08 63 13 00-0061	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,243.50	220.44
08 63 13 00-0062	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,375.37	231.75
08 63 13 00-0063		**FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylights** *(08 63 13 00-0003)* Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb and flashing.		
08 63 13 00-0064	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,170.20	152.61

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 63 13 00-0065	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,379.33	163.91
08 63 13 00-0066	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,717.21	180.87
08 63 13 00-0067	EA	27-1/4" x 123-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,957.55	192.17
08 63 13 00-0068	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,391.42	163.91
08 63 13 00-0069	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,642.67	180.87
08 63 13 00-0070	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,762.43	192.17
08 63 13 00-0071	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,003.16	203.49
08 63 13 00-0072	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,657.87	192.17
08 63 13 00-0073	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,785.85	197.83
08 63 13 00-0074	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,945.04	203.49
08 63 13 00-0075	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,096.42	209.13
08 63 13 00-0076	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,270.42	226.09
08 63 13 00-0077	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,960.65	203.49
08 63 13 00-0078	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,135.04	214.79
08 63 13 00-0079	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,305.94	220.44
08 63 13 00-0080	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,445.62	231.75

08 63 13 00-0081 Curb Top Inserts *(08 63 13 00-0003)*

Note: For use with industrial style fixed dome skylights for better u-value and solar heat gain coefficient/shading coefficient (SHGC/SC) properties. Includes mill finish aluminum frame and acrylic or polycarbonate glazing. Excludes roof curb and flashing.

08 63 13 00-0082 Single Glazed, Aluminum Framed Curb Top Inserts *(08 63 13 00-0081)*

08 63 13 00-0083	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert	305.76	73.48
08 63 13 00-0084	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert	398.19	84.78
08 63 13 00-0085	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert	631.26	113.05
08 63 13 00-0086	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert	583.08	101.74
08 63 13 00-0087	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert	693.22	113.05

08 63 13 00-0088 Double Glazed, Aluminum Framed Curb Top Inserts *(08 63 13 00-0081)*

08 63 13 00-0089	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert	396.49	73.48
08 63 13 00-0090	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert	573.02	84.78
08 63 13 00-0091	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert	947.72	113.05
08 63 13 00-0092	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert	919.46	101.74
08 63 13 00-0093	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert	1,131.39	113.05

08 63 13 00-0094 Triple Glazed, Aluminum Framed Curb Top Inserts *(08 63 13 00-0081)*

08 63 13 00-0095	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert	485.01	73.48
08 63 13 00-0096	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert	739.00	84.78
08 63 13 00-0097	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert	1,337.20	113.05
08 63 13 00-0098	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert	1,233.70	101.74
08 63 13 00-0099	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert	1,538.59	113.05

08 63 13 00-0100 Pyramid Style Fixed Dome, Aluminum Framed Skylights *(08 63 13 00-0002)*

08 63 13 00-0101 Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight *(08 63 13 00-0100)*

Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb and flashing.

08 63 13 00-0102	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	861.92	152.61
08 63 13 00-0103	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	1,063.63	163.91
08 63 13 00-0104	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	1,361.30	192.17
08 63 13 00-0105	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	1,683.58	203.49

08 63 13 00-0106 Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight *(08 63 13 00-0100)*

Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb and flashing.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 63 13 00-0107	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	1,166.30	152.61
08 63 13 00-0108	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	1,375.81	163.91
08 63 13 00-0109	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	1,646.17	192.17
08 63 13 00-0110	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	1,945.04	203.49
08 63 13 00-0111		Double Hip Style Fixed Dome, Aluminum Framed Skylights *(08 63 13 00-0002)*		
08 63 13 00-0112		Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight *(08 63 13 00-0111)*		
		Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb and flashing.		
08 63 13 00-0113	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,006.31	152.61
08 63 13 00-0114	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,366.01	180.87
08 63 13 00-0115	EA	27-1/4" x 123-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,598.54	192.17
08 63 13 00-0116	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,295.37	180.87
08 63 13 00-0117	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,411.23	192.17
08 63 13 00-0118	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,679.27	203.49
08 63 13 00-0119	EA	39-1/4" x 123-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,954.73	220.44
08 63 13 00-0120	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,481.47	197.83
08 63 13 00-0121	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,621.15	203.49
08 63 13 00-0122	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,772.53	209.13
08 63 13 00-0123	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,934.82	226.09
08 63 13 00-0124	EA	52-1/4" x 123-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	2,261.39	237.39
08 63 13 00-0125	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,830.66	214.79
08 63 13 00-0126	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	2,040.58	220.44
08 63 13 00-0127	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	2,184.16	231.75
08 63 13 00-0128	EA	63-1/4" x 123-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	2,499.05	243.05
08 63 13 00-0129		Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight *(08 63 13 00-0111)*		
		Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb and flashing.		
08 63 13 00-0130	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,138.98	152.61
08 63 13 00-0131	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,324.70	163.91
08 63 13 00-0132	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,654.78	180.87
08 63 13 00-0133	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,340.69	163.91
08 63 13 00-0134	EA	39-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,476.07	175.23
08 63 13 00-0135	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,584.14	180.87
08 63 13 00-0136	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,700.00	192.17
08 63 13 00-0137	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,925.12	203.49
08 63 13 00-0138	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,599.34	197.83
08 63 13 00-0139	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,727.31	197.83
08 63 13 00-0140	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,866.99	203.49
08 63 13 00-0141	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	2,010.57	209.13
08 63 13 00-0142	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	2,176.76	226.09
08 63 13 00-0143	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,874.80	203.49
08 63 13 00-0144	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	2,049.19	214.79

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 63 13 00-0145	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	2,212.28	220.44
08 63 13 00-0146	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	2,340.25	231.75
08 63 13 00-0147		Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight *(08 63 13 00-0111)*		
		Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb and flashing.		
08 63 13 00-0148	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,312.99	163.91
08 63 13 00-0149	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,705.51	180.87
08 63 13 00-0150	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,627.06	180.87
08 63 13 00-0151	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,750.73	192.17
08 63 13 00-0152	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,987.55	203.49
08 63 13 00-0153	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,774.14	197.83
08 63 13 00-0154	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,925.53	203.49
08 63 13 00-0155	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	2,080.81	209.13
08 63 13 00-0156	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	2,239.20	226.09
08 63 13 00-0157	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	2,119.43	214.79
08 63 13 00-0158	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	2,290.33	220.44
08 63 13 00-0159	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	2,426.10	231.75
08 63 13 00-0160		Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0001)*		
08 63 13 00-0161		Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0160)*		
		Note: UL listed or FM approved. Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, curb seal tape, weather sweep, fasteners, fusible link with a minimum temperature rating of 165 degrees, gas shocks and exterior manual release cable for testing. Excludes roof curb and flashing.		
08 63 13 00-0162		Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0161)*		
08 63 13 00-0163		10 Lb. Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0162)*		
08 63 13 00-0164	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, 10 Lb. Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	5,236.17	226.09
08 63 13 00-0165	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, 10 Lb. Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	4,858.44	214.79
08 63 13 00-0166	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, 10 Lb. Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	5,497.62	226.09
08 63 13 00-0167		25 Lb. Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0162)*		
08 63 13 00-0168	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, 25 Lb. Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	6,793.18	226.09
08 63 13 00-0169	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, 25 Lb. Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	6,431.06	214.79
08 63 13 00-0170	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, 25 Lb. Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	7,148.29	226.09
08 63 13 00-0171		30 Lb. Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0162)*		
08 63 13 00-0172	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, 30 Lb. Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	7,241.95	226.09
08 63 13 00-0173	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, 30 Lb. Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	6,872.02	214.79
08 63 13 00-0174	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, 30 Lb. Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	7,589.25	226.09
08 63 13 00-0175		Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0161)*		
08 63 13 00-0176		10 Lb. Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0175)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 63 13 00-0177	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, 10 Lb. Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	5,259.58	226.09
08 63 13 00-0178	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, 10 Lb. Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	4,881.85	214.79
08 63 13 00-0179	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, 10 Lb. Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	5,532.74	226.09
08 63 13 00-0180		25 Lb. Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0175)*		
08 63 13 00-0181	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, 25 Lb. Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	6,824.40	226.09
08 63 13 00-0182	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, 25 Lb. Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	6,454.48	214.79
08 63 13 00-0183	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, 25 Lb. Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	7,187.32	226.09
08 63 13 00-0184		30 Lb. Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0175)*		
08 63 13 00-0185	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, 30 Lb. Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	7,265.36	226.09
08 63 13 00-0186	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, 30 Lb. Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	6,895.44	214.79
08 63 13 00-0187	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, 30 Lb. Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	7,628.28	226.09

08 66 Wood-Framed Skylights *(08 60)*

08 66 00 00-0001		Wood-Framed Skylights (Andersen 400 Series) *(08 66)*		
08 66 00 00-0002	EA	16-1/2" x 38", Domed, Wood-Framed Skylight (Andersen 400 Series)	746.70	142.35
		For Tempered Laminated Low-E Insulated Glass, Add	*115.50*	
		For Aluminum Shingle Flashing, Add	*92.40*	
08 66 00 00-0003	EA	16-1/2" x 46", Domed, Wood-Framed Skylight (Andersen 400 Series)	765.56	142.35
		For Tempered Laminated Low-E Insulated Glass, Add	*120.22*	
		For Aluminum Shingle Flashing, Add	*96.17*	
08 66 00 00-0004	EA	24-1/2" x 27", Domed, Wood-Framed Skylight (Andersen 400 Series)	720.78	142.35
		For Tempered Laminated Low-E Insulated Glass, Add	*109.02*	
		For Aluminum Shingle Flashing, Add	*87.22*	
08 66 00 00-0005	EA	24-1/2" x 38", Domed, Wood-Framed Skylight (Andersen 400 Series)	779.70	142.35
		For Tempered Laminated Low-E Insulated Glass, Add	*123.75*	
		For Aluminum Shingle Flashing, Add	*99.00*	
08 66 00 00-0006	EA	24-1/2" x 46", Domed, Wood-Framed Skylight (Andersen 400 Series)	829.20	142.35
		For Tempered Laminated Low-E Insulated Glass, Add	*136.13*	
		For Aluminum Shingle Flashing, Add	*108.90*	
08 66 00 00-0007	EA	24-1/2" x 57", Domed, Wood-Framed Skylight (Andersen 400 Series)	909.35	142.35
		For Tempered Laminated Low-E Insulated Glass, Add	*156.16*	
		For Aluminum Shingle Flashing, Add	*124.93*	
08 66 00 00-0008	EA	24-1/2" x 72", Domed, Wood-Framed Skylight (Andersen 400 Series)	1,010.71	142.35
		For Tempered Laminated Low-E Insulated Glass, Add	*181.50*	
		For Aluminum Shingle Flashing, Add	*145.20*	
08 66 00 00-0009	EA	27" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series)	720.78	142.35
		For Tempered Laminated Low-E Insulated Glass, Add	*109.02*	
		For Aluminum Shingle Flashing, Add	*87.22*	
08 66 00 00-0010	EA	28" x 38", Domed, Wood-Framed Skylight (Andersen 400 Series)	840.99	142.35
		For Tempered Laminated Low-E Insulated Glass, Add	*139.07*	
		For Aluminum Shingle Flashing, Add	*111.26*	
08 66 00 00-0011	EA	28" x 46", Domed, Wood-Framed Skylight (Andersen 400 Series)	909.35	142.35
		For Tempered Laminated Low-E Insulated Glass, Add	*156.16*	
		For Aluminum Shingle Flashing, Add	*124.93*	
08 66 00 00-0012	EA	28" x 57", Domed, Wood-Framed Skylight (Andersen 400 Series)	987.13	142.35
		For Tempered Laminated Low-E Insulated Glass, Add	*175.61*	
		For Aluminum Shingle Flashing, Add	*140.49*	
08 66 00 00-0013	EA	28" x 72", Domed, Wood-Framed Skylight (Andersen 400 Series)	1,090.85	142.35
		For Tempered Laminated Low-E Insulated Glass, Add	*201.54*	
		For Aluminum Shingle Flashing, Add	*161.23*	
08 66 00 00-0014	EA	38" x 16-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series)	746.70	142.35
		For Tempered Laminated Low-E Insulated Glass, Add	*115.50*	
		For Aluminum Shingle Flashing, Add	*92.40*	
08 66 00 00-0015	EA	38" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series)	779.70	142.35
		For Tempered Laminated Low-E Insulated Glass, Add	*123.75*	
		For Aluminum Shingle Flashing, Add	*99.00*	
08 66 00 00-0016	EA	38" x 28", Domed, Wood-Framed Skylight (Andersen 400 Series)	840.99	142.35
		For Tempered Laminated Low-E Insulated Glass, Add	*139.07*	
		For Aluminum Shingle Flashing, Add	*111.26*	
08 66 00 00-0017	EA	44" x 46", Domed, Wood-Framed Skylight (Andersen 400 Series)	1,057.85	142.35
		For Tempered Laminated Low-E Insulated Glass, Add	*193.29*	
		For Aluminum Shingle Flashing, Add	*154.63*	
08 66 00 00-0018	EA	46" x 16-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series)	765.56	142.35
		For Tempered Laminated Low-E Insulated Glass, Add	*120.22*	
		For Aluminum Shingle Flashing, Add	*96.17*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 66 00 00-0019	EA	46" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series)	829.20	142.35
		For Tempered Laminated Low-E Insulated Glass, Add	*136.13*	
		For Aluminum Shingle Flashing, Add	*108.90*	
08 66 00 00-0020	EA	46" x 28", Domed, Wood-Framed Skylight (Andersen 400 Series)	909.35	142.35
		For Tempered Laminated Low-E Insulated Glass, Add	*156.16*	
		For Aluminum Shingle Flashing, Add	*124.93*	
08 66 00 00-0021	EA	46" x 44", Domed, Wood-Framed Skylight (Andersen 400 Series)	1,057.85	142.35
		For Tempered Laminated Low-E Insulated Glass, Add	*193.29*	
		For Aluminum Shingle Flashing, Add	*154.63*	
08 66 00 00-0022	EA	57" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series)	909.35	142.35
		For Tempered Laminated Low-E Insulated Glass, Add	*156.16*	
		For Aluminum Shingle Flashing, Add	*124.93*	
08 66 00 00-0023	EA	57" x 28", Domed, Wood-Framed Skylight (Andersen 400 Series)	987.13	142.35
		For Tempered Laminated Low-E Insulated Glass, Add	*175.61*	
		For Aluminum Shingle Flashing, Add	*140.49*	
08 66 00 00-0024	EA	72" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series)	1,010.71	142.35
		For Tempered Laminated Low-E Insulated Glass, Add	*181.50*	
		For Aluminum Shingle Flashing, Add	*145.20*	
08 66 00 00-0025	EA	72" x 28", Domed, Wood-Framed Skylight (Andersen 400 Series)	1,090.85	142.35
		For Tempered Laminated Low-E Insulated Glass, Add	*201.54*	
		For Aluminum Shingle Flashing, Add	*161.23*	

08 70 Hardware *(08)*

08 71 Door Hardware *(08 70)*

08 71 11 Door Hardware *(08 71)*

Note: All hardware is ANSI/BHMA Grade 1 unless otherwise noted. See CSI section 08 05 13 00-0050 for removal and reinstallation of exisiting door where required for modifications.

08 71 11 00-0001 Hinges *(08 71 11)*

Note: Unit of measure "PR" indicates that two (2) sets of hinges (top and bottom) are priced. For doors with three (3) sets of hinges (top, middle and bottom), use 1.5 pairs. Excludes mortise preparation for wood doors.

08 71 11 00-0002 Brass/Bronze, Satin Chrome Finish Hinges *(08 71 11 00-0001)*

Note: US26D (BHMA 626) satin chrome finish.

08 71 11 00-0003 Standard Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinges *(08 71 11 00-0002)*

Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.

08 71 11 00-0004	PR	3-1/2" x 3-1/2" Standard Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge	88.94	7.97
		For Clear Coated Bright Brass, Add	*6.55*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0005	PR	4" x 4" Standard Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge	97.63	11.39
		For Clear Coated Bright Brass, Add	*7.29*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0006	PR	4-1/2" x 4-1/2" Standard Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge	108.63	12.52
		For Clear Coated Bright Brass, Add	*6.10*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	

08 71 11 00-0007 Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinges *(08 71 11 00-0002)*

Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.

08 71 11 00-0008	PR	3-1/2" x 3-1/2" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	103.01	7.97
		For Clear Coated Bright Brass, Add	*8.41*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0009	PR	4" x 4" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	116.98	11.39
		For Clear Coated Bright Brass, Add	*8.41*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0010	PR	4-1/2" x 4-1/2" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	118.13	12.52
		For Clear Coated Bright Brass, Add	*7.43*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0011	PR	5" x 4-1/2" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	138.00	14.80
		For Clear Coated Bright Brass, Add	*8.69*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0012	PR	5" x 5" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	138.94	14.80
		For Clear Coated Bright Brass, Add	*8.82*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0013	PR	6" x 5" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	149.75	19.02
		For Clear Coated Bright Brass, Add	*10.34*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	

08 71 11 00-0014 Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinges *(08 71 11 00-0002)*

Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.

08 71 11 00-0015	PR	3-1/2" x 3-1/2", Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	117.48	7.97
08 71 11 00-0016	PR	4" x 4", Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	131.44	11.39
08 71 11 00-0017	PR	4-1/2" x 4-1/2", Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	133.86	12.52
08 71 11 00-0018	PR	5" x 4", Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	155.35	14.80

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0019		**Standard Duty, Half Surface, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinges** *(08 71 11 00-0002)*		
		Note: Surface mounted to the face of the door and set into mortised rabbet edge of the frame.		
08 71 11 00-0020	PR	4-1/2" x 4-1/2" Standard Duty, Half Surface, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	149.69	12.52
		For Clear Coated Bright Brass, Add	*11.85*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0021	PR	5" x 4" Standard Duty, Half Surface, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	169.83	14.80
		For Clear Coated Bright Brass, Add	*13.15*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0022	PR	5" x 5" Standard Duty, Half Surface, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	189.71	14.80
		For Clear Coated Bright Brass, Add	*15.93*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0023		**Standard Duty, Half Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinges** *(08 71 11 00-0002)*		
		Note: Set into mortised edge of the door and surface applied to the face of the frame.		
08 71 11 00-0024	PR	4-1/2" x 4-1/2" Standard Duty, Half Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	153.62	12.52
		For Clear Coated Bright Brass, Add	*12.40*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0025	PR	5" x 4" Standard Duty, Half Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	181.02	14.80
		For Clear Coated Bright Brass, Add	*14.71*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0026		**Heavy-Duty, Full Mortise, Plain Bearing, Brass/Bronze Satin Chrome Finish Hinge** *(08 71 11 00-0002)*		
		Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.		
08 71 11 00-0027	PR	4-1/2" x 4-1/2" Heavy-Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge	148.86	12.52
		For Clear Coated Bright Brass, Add	*11.73*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0028	PR	5" x 5" Heavy-Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge	172.00	19.02
		For Clear Coated Bright Brass, Add	*13.45*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0029	PR	6" x 5" Heavy-Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge	206.15	19.02
		For Clear Coated Bright Brass, Add	*18.23*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0030		**Heavy-Duty, Five Knuckle Bearing, Brass/Bronze Satin Chrome Finish Hinge (Hager Companies)** *(08 71 11 00-0002)*		
08 71 11 00-0031	EA	6" x 5", Brass, Heavy Weight, Five Knuckle Ball Bearing	399.67	14.91
		For Clear Coated Bright Brass, Add	*45.24*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
		For Owner Furnished Material, Deduct	*-323.16*	
08 71 11 00-0032	EA	6" x 6", Brass, Heavy Weight, Five Knuckle Ball Bearing	399.67	14.91
		For Clear Coated Bright Brass, Add	*45.24*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
		For Owner Furnished Material, Deduct	*-323.16*	
08 71 11 00-0033	EA	8" x 6", Brass, Heavy Weight, Five Knuckle Ball Bearing	815.86	16.05
		For Clear Coated Bright Brass, Add	*102.66*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
		For Owner Furnished Material, Deduct	*-733.28*	
08 71 11 00-0034	EA	8" x 8", Brass, Heavy Weight, Five Knuckle Ball Bearing	815.86	16.05
		For Clear Coated Bright Brass, Add	*102.66*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
		For Owner Furnished Material, Deduct	*-733.28*	
08 71 11 00-0035	EA	4-1/2" x 4", Brass, Heavy Weight, Five Knuckle Ball Bearing	174.18	12.62
		For Clear Coated Bright Brass, Add	*15.23*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
		For Owner Furnished Material, Deduct	*-108.80*	
08 71 11 00-0036	EA	4-1/2" x 4-1/2", Brass, Heavy Weight, Five Knuckle Ball Bearing	174.18	12.62
		For Clear Coated Bright Brass, Add	*15.23*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
		For Owner Furnished Material, Deduct	*-108.80*	
08 71 11 00-0037	EA	5" x 4", Brass, Heavy Weight, Five Knuckle Ball Bearing	215.38	14.91
		For Clear Coated Bright Brass, Add	*19.44*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
		For Owner Furnished Material, Deduct	*-138.87*	
08 71 11 00-0038	EA	5" x 4-1/2", Brass, Heavy Weight, Five Knuckle Ball Bearing	215.38	14.91
		For Clear Coated Bright Brass, Add	*19.44*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
		For Owner Furnished Material, Deduct	*-138.87*	
08 71 11 00-0039	EA	5" x 5", Brass, Heavy Weight, Five Knuckle Ball Bearing	215.38	14.91
		For Clear Coated Bright Brass, Add	*19.44*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
		For Owner Furnished Material, Deduct	*-138.87*	
08 71 11 00-0040	EA	6" x 4-1/2", Brass, Heavy Weight, Five Knuckle Ball Bearing	399.67	14.91
		For Clear Coated Bright Brass, Add	*45.24*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
		For Owner Furnished Material, Deduct	*-323.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0041		**Mortised, Wrought Steel Hinges** *(08 71 11 00-0001)* Note: Clear coated, US 26D satin chrome finish (BHMA 652).		
08 71 11 00-0042		**Full Mortise, Plain Bearing, Wrought Steel Hinges** *(08 71 11 00-0041)* Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.		
08 71 11 00-0043	PR	3-1/2" x 3-1/2", Standard Duty, Full Mortise, Plain Bearing, Wrought Steel Hinge	61.94	7.97
		For Primed For Paint Finish, Deduct	*-3.79*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*2.37*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-2.28*	
		For Stainless Steel, Add	*10.43*	
		For Heavy-Duty, Add	*2.85*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0044	PR	4" x 4", Standard Duty, Full Mortise, Plain Bearing, Wrought Steel Hinge	77.88	11.39
		For Primed For Paint Finish, Deduct	*-4.19*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*2.62*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-2.51*	
		For Stainless Steel, Add	*11.52*	
		For Heavy-Duty, Add	*3.14*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0045	PR	4-1/2" x 4", Standard Duty, Full Mortise, Plain Bearing, Wrought Steel Hinge	95.94	12.52
		For Primed For Paint Finish, Deduct	*-6.17*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*3.86*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-3.70*	
		For Stainless Steel, Add	*16.98*	
		For Heavy-Duty, Add	*4.63*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
		For Owner Furnished Material, Deduct	*-30.87*	
08 71 11 00-0046	PR	4-1/2" x 4-1/2", Standard Duty, Full Mortise, Plain Bearing, Wrought Steel Hinge	90.59	12.52
		For Primed For Paint Finish, Deduct	*-5.10*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*3.19*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-3.06*	
		For Stainless Steel, Add	*14.04*	
		For Heavy-Duty, Add	*3.83*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0047	PR	5" x 4", Standard Duty, Full Mortise, Plain Bearing, Wrought Steel Hinge	144.92	14.80
		For Primed For Paint Finish, Deduct	*-13.80*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*8.63*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-8.28*	
		For Stainless Steel, Add	*37.95*	
		For Heavy-Duty, Add	*10.35*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
		For Owner Furnished Material, Deduct	*-69.00*	
08 71 11 00-0048	PR	5" x 4-1/2", Standard Duty, Full Mortise, Plain Bearing, Wrought Steel Hinge	149.44	14.80
		For Primed For Paint Finish, Deduct	*-14.70*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*9.19*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-8.82*	
		For Stainless Steel, Add	*40.44*	
		For Heavy-Duty, Add	*11.03*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
		For Owner Furnished Material, Deduct	*-73.52*	
08 71 11 00-0049	PR	5" x 5", Standard Duty, Full Mortise, Plain Bearing, Wrought Steel Hinge	149.44	14.80
		For Primed For Paint Finish, Deduct	*-14.70*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*9.19*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-8.82*	
		For Stainless Steel, Add	*40.44*	
		For Heavy-Duty, Add	*11.03*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
		For Owner Furnished Material, Deduct	*-73.52*	
08 71 11 00-0050		**Full Mortise, Ball Bearing, Wrought Steel Hinges** *(08 71 11 00-0041)* Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.		
08 71 11 00-0051	PR	3-1/2" x 3-1/2", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge	112.13	7.97
		For Primed For Paint Finish, Deduct	*-13.83*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*8.65*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-8.30*	
		For Stainless Steel, Add	*38.04*	
		For Heavy-Duty, Add	*10.37*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0052	PR	4" x 4", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge	135.26	11.39
		For Primed For Paint Finish, Deduct	*-15.66*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*9.79*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-9.40*	
		For Stainless Steel, Add	*43.08*	
		For Heavy-Duty, Add	*11.75*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0053	PR	4-1/2" x 4-1/2", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge	106.48	12.52
		For Primed For Paint Finish, Deduct	*-8.28*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*5.18*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-4.97*	
		For Stainless Steel, Add	*22.78*	
		For Heavy-Duty, Add	*6.21*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0054	PR	5" x 4", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge	182.11	13.78
		For Primed For Paint Finish, Deduct	*-22.33*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*13.96*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-13.40*	
		For Stainless Steel, Add	*61.42*	
		For Heavy-Duty, Add	*16.75*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
		For Owner Furnished Material, Deduct	*-111.67*	
		For Extra Heavy-Duty, Add	*44.67*	
08 71 11 00-0055	PR	5" x 4-1/2", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge	190.42	14.80
		For Primed For Paint Finish, Deduct	*-22.90*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*14.31*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-13.74*	
		For Stainless Steel, Add	*62.98*	
		For Heavy-Duty, Add	*17.18*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0056	PR	5" x 5", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge	206.58	14.80
		For Primed For Paint Finish, Deduct	*-26.13*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*16.33*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-15.68*	
		For Stainless Steel, Add	*71.86*	
		For Heavy-Duty, Add	*19.60*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0057	PR	6" x 5", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge	255.85	14.80
		For Primed For Paint Finish, Deduct	*-35.99*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*22.49*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-21.59*	
		For Stainless Steel, Add	*98.96*	
		For Heavy-Duty, Add	*26.99*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	

08 71 11 00-0058 Half Surface, Plain Bearing, Wrought Steel Hinges *(08 71 11 00-0041)*

Note: Surface mounted to the face of the door and set into mortised rabbet edge of the frame.

08 71 11 00-0059	PR	3-1/2" x 3-1/2", Standard Duty, Half Surface, Plain Bearing, Wrought Steel Hinge	141.12	7.97
		For Primed For Paint Finish, Deduct	*-19.63*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*12.27*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-11.78*	
		For Stainless Steel, Add	*53.98*	
		For Heavy-Duty, Add	*14.72*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0060	PR	4" x 4", Standard Duty, Half Surface, Plain Bearing, Wrought Steel Hinge	168.17	11.39
		For Primed For Paint Finish, Deduct	*-22.25*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*13.90*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-13.35*	
		For Stainless Steel, Add	*61.18*	
		For Heavy-Duty, Add	*16.68*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0061	PR	4-1/2" x 4-1/2", Standard Duty, Half Surface, Plain Bearing, Wrought Steel Hinge	189.39	12.52
		For Primed For Paint Finish, Deduct	*-24.86*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*15.54*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-14.92*	
		For Stainless Steel, Add	*68.38*	
		For Heavy-Duty, Add	*18.65*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0062	PR	5" x 4-1/2", Standard Duty, Half Surface, Plain Bearing, Wrought Steel Hinge	213.32	14.80
		For Primed For Paint Finish, Deduct	*-27.48*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*17.18*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-16.49*	
		For Stainless Steel, Add	*75.57*	
		For Heavy-Duty, Add	*20.61*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	

08 71 11 00-0063 Half Surface, Ball Bearing, Wrought Steel Hinges *(08 71 11 00-0041)*

Note: Surface mounted to the face of the door and set into mortised rabbet edge of the frame.

08 71 11 00-0064	PR	4" x 4", Standard Duty, Half Surface, Ball Bearing, Wrought Steel Hinge	197.61	12.52
		For Primed For Paint Finish, Deduct	*-28.13*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*17.58*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-16.88*	
		For Stainless Steel, Add	*77.37*	
		For Heavy-Duty, Add	*21.10*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0065	PR	4-1/2" x 4-1/2", Standard Duty, Half Surface, Ball Bearing, Wrought Steel Hinge	220.73	12.52
		For Primed For Paint Finish, Deduct	*-31.13*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*19.46*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-18.68*	
		For Stainless Steel, Add	*85.61*	
		For Heavy-Duty, Add	*23.35*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0066	PR	5" x 5", Standard Duty, Half Surface, Ball Bearing, Wrought Steel Hinge	255.85	14.80
		For Primed For Paint Finish, Deduct	*-35.99*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*22.49*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-21.59*	
		For Stainless Steel, Add	*98.96*	
		For Heavy-Duty, Add	*26.99*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0067		**Slide-In, Full Mortise, Ball Bearing, Wrought Steel Hinges** *(08 71 11 00-0041)*		
		Note: Both leaves slide into a cavity prepared in the door and door frame.		
08 71 11 00-0068	PR	4-1/2" x 4-1/2", Standard Duty, Slide In, Full Mortise, Ball Bearing, Wrought Steel Hinge	150.59	12.52
		For Primed For Paint Finish, Deduct	*-17.10*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*10.69*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-10.26*	
		For Stainless Steel, Add	*47.04*	
		For Heavy-Duty, Add	*12.83*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0069		**Blank Butt Hinges** *(08 71 11 00-0041)*		
08 71 11 00-0070	PR	3-1/2" x 3-1/2" To 5" x 5", Blank Butt With Screws, Steel Hinge	31.25	5.12
		For Primed For Paint Finish, Deduct	*-2.18*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*1.36*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-1.31*	
		For Stainless Steel, Add	*5.99*	
		For Heavy-Duty, Add	*1.63*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0071		**Full Mortise, Single Acting Spring, Wrought Steel Hinges** *(08 71 11 00-0041)*		
		Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.		
08 71 11 00-0072	PR	3-1/2" x 3-1/2", Full Mortise, Single Acting Spring, Wrought Steel Hinge	124.65	7.97
		For Primed For Paint Finish, Deduct	*-16.34*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*10.21*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-9.80*	
		For Stainless Steel, Add	*44.92*	
08 71 11 00-0073	PR	4" x 4", Full Mortise, Single Acting Spring, Wrought Steel Hinge	163.79	11.39
		For Primed For Paint Finish, Deduct	*-21.37*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*13.36*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-12.82*	
		For Stainless Steel, Add	*58.77*	
08 71 11 00-0074	PR	4-1/2" x 4-1/2", Full Mortise, Single Acting Spring, Wrought Steel Hinge	222.24	12.52
		For Primed For Paint Finish, Deduct	*-31.43*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*19.65*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-18.86*	
		For Stainless Steel, Add	*86.44*	
08 71 11 00-0075		**Offset And Pivot Hinges** *(08 71 11 00-0001)*		
		Note: Satin chrome plated, US26D.		
08 71 11 00-0076		**Offset Swing Clear Hinges** *(08 71 11 00-0075)*		
		Note: For use on 1-3/8" and 1-3/4" doors. Allows doors to swing completely clear of the openings.		
08 71 11 00-0077	EA	4-1/2", Steel, Satin Chrome Finish, Swing Clear, Offset Hinges	190.67	3.55
08 71 11 00-0078	EA	4-1/2", Steel, Satin Chrome Finish, Full Mortise Swing Clear Hinge (Hager AB7501)	212.55	3.55
		For Owner Furnished Material, Deduct	*-198.34*	
08 71 11 00-0079	EA	5", Steel, Satin Chrome Finish, Full Mortise Swing Clear Hinge (Hager AB7501)	212.55	3.55
		For Owner Furnished Material, Deduct	*-198.34*	
08 71 11 00-0080		**Offset Pivot Hinges** *(08 71 11 00-0075)*		
08 71 11 00-0081		**3/4" Offset Pivot Hinges** *(08 71 11 00-0080)*		
08 71 11 00-0082		**3/4" Offset Pivot Hinges** *(08 71 11 00-0081)*		
08 71 11 00-0083		**Top Mount, 3/4" Offset Pivot Hinges** *(08 71 11 00-0082)*		
08 71 11 00-0084		**200 Lb. Max Door Weight, Top Mount, 3/4" Offset Pivot Hinges** *(08 71 11 00-0083)*		
08 71 11 00-0085	EA	Painted Finish, 200 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top)	155.92	11.39
08 71 11 00-0086	EA	Satin Chrome Finish, 200 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top)	210.40	11.39
08 71 11 00-0087	EA	Bright Brass Finish, 200 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top)	240.67	11.39
08 71 11 00-0088	EA	Satin Brass Finish, 200 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top)	240.67	11.39
08 71 11 00-0089	EA	Satin Bronze Finish, 200 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top)	240.67	11.39
08 71 11 00-0090	EA	Dark Bronze Finish, 200 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top)	240.67	11.39
08 71 11 00-0091	EA	Bright Chrome Finish, 200 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top)	240.67	11.39
08 71 11 00-0092	EA	Painted Finish, 200 Lb. Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top)	171.66	11.39
08 71 11 00-0093	EA	Satin Chrome Finish, 200 Lb. Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top)	218.89	11.39
08 71 11 00-0094	EA	Bright Brass Finish, 200 Lb. Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top)	250.35	11.39
08 71 11 00-0095	EA	Satin Brass Finish, 200 Lb. Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top)	250.35	11.39
08 71 11 00-0096	EA	Satin Bronze Finish, 200 Lb. Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top)	250.35	11.39
08 71 11 00-0097	EA	Dark Bronze Finish, 200 Lb. Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top)	250.35	11.39
08 71 11 00-0098	EA	Bright Chrome Finish, 200 Lb. Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top)	250.35	11.39
08 71 11 00-0099	EA	Painted Finish, 200 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top)	155.92	11.39

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0100	EA	Satin Chrome Finish, 200 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top)	210.40	11.39
08 71 11 00-0101	EA	Bright Brass Finish, 200 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top)	240.67	11.39
08 71 11 00-0102	EA	Satin Brass Finish, 200 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top)	240.67	11.39
08 71 11 00-0103	EA	Satin Bronze Finish, 200 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top)	240.67	11.39
08 71 11 00-0104	EA	Dark Bronze Finish, 200 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top)	240.67	11.39
08 71 11 00-0105	EA	Bright Chrome Finish, 200 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top)	240.67	11.39
08 71 11 00-0106		500 Lb. Max Door Weight, Top Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0083)*		
08 71 11 00-0107	EA	Painted Finish, 500 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top)	161.62	14.24
08 71 11 00-0108	EA	Satin Chrome Finish, 500 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top)	216.10	14.24
08 71 11 00-0109	EA	Bright Brass Finish, 500 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top)	246.37	14.24
08 71 11 00-0110	EA	Satin Brass Finish, 500 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top)	246.37	14.24
08 71 11 00-0111	EA	Satin Bronze Finish, 500 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top)	246.37	14.24
08 71 11 00-0112	EA	Dark Bronze Finish, 500 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top)	246.37	14.24
08 71 11 00-0113	EA	Bright Chrome Finish, 500 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top)	246.37	14.24
08 71 11 00-0114		600 Lb. Max Door Weight, Top Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0083)*		
08 71 11 00-0115	EA	Painted Finish, 600 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top)	161.62	14.24
08 71 11 00-0116	EA	Satin Chrome Finish, 600 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top)	216.10	14.24
08 71 11 00-0117	EA	Bright Brass Finish, 600 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top)	246.37	14.24
08 71 11 00-0118	EA	Satin Brass Finish, 600 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top)	246.37	14.24
08 71 11 00-0119	EA	Satin Bronze Finish, 600 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top)	246.37	14.24
08 71 11 00-0120	EA	Dark Bronze Finish, 600 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top)	246.37	14.24
08 71 11 00-0121	EA	Bright Chrome Finish, 600 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top)	246.37	14.24
08 71 11 00-0122		700 Lb. Max Door Weight, Top Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0083)*		
08 71 11 00-0123	EA	Painted Finish, 700 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top)	161.62	14.24
08 71 11 00-0124	EA	Satin Chrome Finish, 700 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top)	216.10	14.24
08 71 11 00-0125	EA	Bright Brass Finish, 700 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top)	246.37	14.24
08 71 11 00-0126	EA	Satin Brass Finish, 700 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top)	246.37	14.24
08 71 11 00-0127	EA	Satin Bronze Finish, 700 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top)	246.37	14.24
08 71 11 00-0128	EA	Dark Bronze Finish, 700 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top)	246.37	14.24
08 71 11 00-0129	EA	Bright Chrome Finish, 700 Lb. Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top)	246.37	14.24
08 71 11 00-0130		Intermediate Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0082)*		
08 71 11 00-0131		200 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0130)*		
08 71 11 00-0132	EA	Painted Finish, 200 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT)	194.65	11.39
08 71 11 00-0133	EA	Satin Chrome Finish, 200 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT)	240.67	11.39
08 71 11 00-0134	EA	Bright Brass Finish, 200 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT)	273.35	11.39
08 71 11 00-0135	EA	Satin Brass Finish, 200 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT)	273.35	11.39
08 71 11 00-0136	EA	Satin Bronze Finish, 200 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT)	273.35	11.39
08 71 11 00-0137	EA	Dark Bronze Finish, 200 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT)	273.35	11.39
08 71 11 00-0138	EA	Bright Chrome Finish, 200 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT)	273.35	11.39
08 71 11 00-0139		500 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0130)*		
08 71 11 00-0140	EA	Painted Finish, 500 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT)	216.10	14.24
08 71 11 00-0141	EA	Satin Chrome Finish, 500 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT)	230.62	14.24
08 71 11 00-0142	EA	Bright Brass Finish, 500 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT)	256.05	14.24
08 71 11 00-0143	EA	Satin Brass Finish, 500 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT)	256.05	14.24
08 71 11 00-0144	EA	Satin Bronze Finish, 500 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT)	256.05	14.24
08 71 11 00-0145	EA	Dark Bronze Finish, 500 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT)	256.05	14.24
08 71 11 00-0146	EA	Bright Chrome Finish, 500 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT)	256.05	14.24
08 71 11 00-0147		600 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0130)*		
08 71 11 00-0148	EA	Painted Finish, 600 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	216.10	14.24
08 71 11 00-0149	EA	Satin Chrome Finish, 600 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	230.62	14.24
08 71 11 00-0150	EA	Bright Brass Finish, 600 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	256.05	14.24
08 71 11 00-0151	EA	Satin Brass Finish, 600 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	256.05	14.24
08 71 11 00-0152	EA	Satin Bronze Finish, 600 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	256.05	14.24
08 71 11 00-0153	EA	Dark Bronze Finish, 600 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	256.05	14.24
08 71 11 00-0154	EA	Bright Chrome Finish, 600 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	256.05	14.24
08 71 11 00-0155		700 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0130)*		
08 71 11 00-0156	EA	Painted Finish, 700 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	216.10	14.24

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0157	EA	Satin Chrome Finish, 700 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	230.62	14.24
08 71 11 00-0158	EA	Bright Brass Finish, 700 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	256.05	14.24
08 71 11 00-0159	EA	Satin Brass Finish, 700 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	256.05	14.24
08 71 11 00-0160	EA	Satin Bronze Finish, 700 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	256.05	14.24
08 71 11 00-0161	EA	Dark Bronze Finish, 700 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	256.05	14.24
08 71 11 00-0162	EA	Bright Chrome Finish, 700 Lb. Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	256.05	14.24
08 71 11 00-0163		Bottom Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0082)*		
08 71 11 00-0164		200 Lb. Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0163)*		
08 71 11 00-0165	EA	Painted Finish, 200 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	171.66	11.39
08 71 11 00-0166	EA	Satin Chrome Finish, 200 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	218.89	11.39
08 71 11 00-0167	EA	Bright Brass Finish, 200 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	250.35	11.39
08 71 11 00-0168	EA	Satin Brass Finish, 200 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	250.35	11.39
08 71 11 00-0169	EA	Satin Bronze Finish, 200 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	250.35	11.39
08 71 11 00-0170	EA	Dark Bronze Finish, 200 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	312.19	11.39
08 71 11 00-0171	EA	Bright Chrome Finish, 200 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	250.35	11.39
08 71 11 00-0172	EA	Painted Finish, 200 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	171.66	11.39
08 71 11 00-0173	EA	Satin Chrome Finish, 200 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	218.89	11.39
08 71 11 00-0174	EA	Bright Brass Finish, 200 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	250.35	11.39
08 71 11 00-0175	EA	Satin Brass Finish, 200 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	250.35	11.39
08 71 11 00-0176	EA	Satin Bronze Finish, 200 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	250.35	11.39
08 71 11 00-0177	EA	Dark Bronze Finish, 200 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	250.35	11.39
08 71 11 00-0178	EA	Bright Chrome Finish, 200 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	250.35	11.39
08 71 11 00-0179	EA	Painted Finish, 200 Lb. Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM)	148.67	11.39
08 71 11 00-0180	EA	Satin Chrome Finish, 200 Lb. Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM)	203.15	11.39
08 71 11 00-0181	EA	Bright Brass Finish, 200 Lb. Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM)	234.61	11.39
08 71 11 00-0182	EA	Satin Brass Finish, 200 Lb. Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM)	234.61	11.39
08 71 11 00-0183	EA	Satin Bronze Finish, 200 Lb. Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM)	234.61	11.39
08 71 11 00-0184	EA	Dark Bronze Finish, 200 Lb. Lb. Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM)	234.61	11.39
08 71 11 00-0185	EA	Bright Chrome Finish, 200 Lb. Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM)	234.61	11.39
08 71 11 00-0186		500 Lb. Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0163)*		
08 71 11 00-0187	EA	Satin Chrome Finish, 500 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM)	262.11	14.24
08 71 11 00-0188	EA	Bright Brass Finish, 500 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM)	279.05	14.24
08 71 11 00-0189	EA	Satin Brass Finish, 500 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM)	279.05	14.24
08 71 11 00-0190	EA	Satin Bronze Finish, 500 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM)	279.05	14.24
08 71 11 00-0191	EA	Dark Bronze Finish, 500 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM)	279.05	14.24
08 71 11 00-0192	EA	Bright Chrome Finish, 500 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM)	279.05	14.24
08 71 11 00-0193	EA	Painted Finish, 500 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM)	283.89	14.24
08 71 11 00-0194		600 Lb. Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0163)*		
08 71 11 00-0195	EA	Painted Finish, 600 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM)	224.59	14.24
08 71 11 00-0196	EA	Satin Chrome Finish, 600 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM)	246.37	14.24
08 71 11 00-0197	EA	Bright Brass Finish, 600 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM)	262.11	14.24
08 71 11 00-0198	EA	Satin Brass Finish, 600 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM)	262.11	14.24
08 71 11 00-0199	EA	Satin Bronze Finish, 600 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM)	262.11	14.24
08 71 11 00-0200	EA	Dark Bronze Finish, 600 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM)	262.11	14.24
08 71 11 00-0201	EA	Bright Chrome Finish, 600 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM)	262.11	14.24
08 71 11 00-0202		700 Lb. Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0163)*		
08 71 11 00-0203	EA	Painted Finish, 700 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM)	519.94	14.24
08 71 11 00-0204	EA	Satin Chrome Finish, 700 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM)	558.67	14.24
08 71 11 00-0205	EA	Bright Brass Finish, 700 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM)	620.43	14.24
08 71 11 00-0206	EA	Satin Brass Finish, 700 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM)	620.43	14.24
08 71 11 00-0207	EA	Satin Bronze Finish, 700 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM)	620.43	14.24
08 71 11 00-0208	EA	Dark Bronze Finish, 700 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM)	620.43	14.24
08 71 11 00-0209	EA	Bright Chrome Finish, 700 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM)	620.43	14.24
08 71 11 00-0210		Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0081)*		
08 71 11 00-0211		Top Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0210)*		
08 71 11 00-0212		500 Lb. Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0211)*		
08 71 11 00-0213	EA	Painted Finish, 500 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top)	308.12	14.24
08 71 11 00-0214	EA	Satin Stainless Finish, 500 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top)	364.99	14.24
08 71 11 00-0215	EA	Bright Stainless Finish, 500 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top)	411.00	14.24

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0216	EA	Bright Brass Finish, 500 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top)	411.00	14.24
08 71 11 00-0217	EA	Satin Bronze Finish, 500 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top)	411.00	14.24
08 71 11 00-0218		600 Lb. Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0211)*		
08 71 11 00-0219	EA	Painted Finish, 600 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top)	308.12	14.24
08 71 11 00-0220	EA	Satin Stainless Finish, 600 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top)	364.99	14.24
08 71 11 00-0221	EA	Bright Stainless Finish, 600 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top)	411.00	14.24
08 71 11 00-0222	EA	Bright Brass Finish, 600 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top)	411.00	14.24
08 71 11 00-0223	EA	Satin Bronze Finish, 600 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top)	411.00	14.24
08 71 11 00-0224		700 Lb. Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0211)*		
08 71 11 00-0225	EA	Painted Finish, 700 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top)	308.12	14.24
08 71 11 00-0226	EA	Satin Stainless Finish, 700 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top)	364.99	14.24
08 71 11 00-0227	EA	Bright Stainless Finish, 700 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top)	411.00	14.24
08 71 11 00-0228	EA	Bright Brass Finish, 700 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top)	411.00	14.24
08 71 11 00-0229	EA	Satin Bronze Finish, 700 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top)	411.00	14.24
08 71 11 00-0230		1,000 Lb. Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0211)*		
08 71 11 00-0231	EA	Painted Finish, 1,000 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top)	323.47	17.09
08 71 11 00-0232	EA	Satin Stainless Finish, 1,000 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top)	370.68	17.09
08 71 11 00-0233	EA	Bright Stainless Finish, 1,000 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top)	392.48	17.09
08 71 11 00-0234	EA	Bright Brass Finish, 1,000 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top)	392.48	17.09
08 71 11 00-0235	EA	Satin Bronze Finish, 1,000 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top)	392.48	17.09
08 71 11 00-0236		1,750 Lb. Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0211)*		
08 71 11 00-0237	EA	Painted Finish, 1,750 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top)	323.47	17.09
08 71 11 00-0238	EA	Satin Stainless Finish, 1,750 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top)	370.68	17.09
08 71 11 00-0239	EA	Bright Stainless Finish, 1,750 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top)	392.48	17.09
08 71 11 00-0240	EA	Bright Brass Finish, 1,750 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top)	392.48	17.09
08 71 11 00-0241	EA	Satin Bronze Finish, 1,750 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top)	392.48	17.09
08 71 11 00-0242		Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0210)*		
08 71 11 00-0243		500 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0242)*		
08 71 11 00-0244	EA	Painted Finish, 500 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT)	317.78	14.24
08 71 11 00-0245	EA	Satin Stainless Finish, 500 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT)	371.05	14.24
08 71 11 00-0246	EA	Bright Stainless Finish, 500 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT)	386.79	14.24
08 71 11 00-0247	EA	Bright Brass Finish, 500 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT)	386.79	14.24
08 71 11 00-0248	EA	Satin Bronze Finish, 500 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT)	386.79	14.24
08 71 11 00-0249		600 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0242)*		
08 71 11 00-0250	EA	Painted Finish, 600 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT)	317.78	14.24

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0251	EA	Satin Stainless Finish, 600 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT)	371.05	14.24
08 71 11 00-0252	EA	Bright Stainless Finish, 600 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT)	386.79	14.24
08 71 11 00-0253	EA	Bright Brass Finish, 600 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT)	386.79	14.24
08 71 11 00-0254	EA	Satin Bronze Finish, 600 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT)	386.79	14.24
08 71 11 00-0255		700 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0242)*		
08 71 11 00-0256	EA	Painted Finish, 700 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT)	317.78	14.24
08 71 11 00-0257	EA	Satin Stainless Finish, 700 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT)	371.05	14.24
08 71 11 00-0258	EA	Bright Stainless Finish, 700 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT)	386.79	14.24
08 71 11 00-0259	EA	Bright Brass Finish, 700 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT)	386.79	14.24
08 71 11 00-0260	EA	Satin Bronze Finish, 700 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT)	386.79	14.24
08 71 11 00-0261		1,000 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0242)*		
08 71 11 00-0262	EA	Painted Finish, 1,000 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT)	354.96	17.09
08 71 11 00-0263	EA	Satin Stainless Finish, 1,000 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT)	409.42	17.09
08 71 11 00-0264	EA	Bright Stainless Finish, 1,000 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT)	423.94	17.09
08 71 11 00-0265	EA	Bright Brass Finish, 1,000 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT)	423.94	17.09
08 71 11 00-0266	EA	Satin Bronze Finish, 1,000 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT)	423.94	17.09
08 71 11 00-0267		1,750 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0242)*		
08 71 11 00-0268	EA	Painted Finish, 1,750 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT)	354.96	17.09
08 71 11 00-0269	EA	Satin Stainless Finish, 1,750 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT)	409.42	17.09
08 71 11 00-0270	EA	Bright Stainless Finish, 1,750 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT)	423.94	17.09
08 71 11 00-0271	EA	Bright Brass Finish, 1,750 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT)	423.94	17.09
08 71 11 00-0272	EA	Satin Bronze Finish, 1,750 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT)	423.94	17.09
08 71 11 00-0273		Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0210)*		
08 71 11 00-0274		500 Lb. Max Door Weight, Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0273)*		
08 71 11 00-0275	EA	Painted Finish, 500 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM)	355.33	14.24
08 71 11 00-0276	EA	Satin Stainless Finish, 500 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM)	441.27	14.24
08 71 11 00-0277	EA	Bright Stainless Finish, 500 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM)	473.95	14.24
08 71 11 00-0278	EA	Bright Brass Finish, 500 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM)	473.95	14.24
08 71 11 00-0279	EA	Satin Bronze Finish, 500 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM)	473.95	14.24
08 71 11 00-0280		600 Lb. Max Door Weight, Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0273)*		
08 71 11 00-0281	EA	Painted Finish, 600 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM)	349.27	14.24
08 71 11 00-0282	EA	Satin Stainless Finish, 600 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM)	371.05	14.24
08 71 11 00-0283	EA	Bright Stainless Finish, 600 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM)	426.74	14.24
08 71 11 00-0284	EA	Bright Brass Finish, 600 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM)	426.74	14.24
08 71 11 00-0285	EA	Satin Bronze Finish, 600 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM)	426.74	14.24

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0286		1,000 Lb. Max Door Weight, Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0273)*		
08 71 11 00-0287	EA	Painted Finish, 1,000 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM)	400.95	17.09
08 71 11 00-0288	EA	Satin Stainless Finish, 1,000 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM)	446.96	17.09
08 71 11 00-0289	EA	Bright Stainless Finish, 1,000 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM)	463.90	17.09
08 71 11 00-0290	EA	Bright Brass Finish, 1,000 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM)	463.90	17.09
08 71 11 00-0291	EA	Satin Bronze Finish, 1,000 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM)	463.90	17.09
08 71 11 00-0292		1,750 Lb. Max Door Weight, Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0273)*		
08 71 11 00-0293	EA	Painted Finish, 1,750 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM)	571.64	17.09
08 71 11 00-0294	EA	Satin Stainless Finish, 1,750 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM)	610.38	17.09
08 71 11 00-0295	EA	Bright Stainless Finish, 1,750 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM)	626.12	17.09
08 71 11 00-0296	EA	Bright Brass Finish, 1,750 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM)	626.12	17.09
08 71 11 00-0297	EA	Satin Bronze Finish, 1,750 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM)	626.12	17.09
08 71 11 00-0298		1-1/2" Offset Pivot Hinges *(08 71 11 00-0080)*		
08 71 11 00-0299		Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0298)*		
08 71 11 00-0300		Top Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0299)*		
08 71 11 00-0301		400 Lb. Max Door Weight, Top Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0300)*		
08 71 11 00-0302	EA	Painted Finish, 400 Lb. Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top)	364.99	14.24
08 71 11 00-0303	EA	Satin Stainless Finish, 400 Lb. Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top)	395.26	14.24
08 71 11 00-0304	EA	Bright Stainless Finish, 400 Lb. Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top)	418.25	14.24
08 71 11 00-0305	EA	Bright Bronze Finish, 400 Lb. Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top)	418.25	14.24
08 71 11 00-0306	EA	Satin Bronze Finish, 400 Lb. Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top)	418.25	14.24
08 71 11 00-0307		500 Lb. Max Door Weight, Top Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0300)*		
08 71 11 00-0308	EA	Painted Finish, 500 Lb. Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top)	364.99	14.24
08 71 11 00-0309	EA	Satin Stainless Finish, 500 Lb. Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top)	395.26	14.24
08 71 11 00-0310	EA	Bright Stainless Finish, 500 Lb. Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top)	418.25	14.24
08 71 11 00-0311	EA	Bright Bronze Finish, 500 Lb. Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top)	418.25	14.24
08 71 11 00-0312	EA	Satin Bronze Finish, 500 Lb. Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top)	418.25	14.24
08 71 11 00-0313		Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0299)*		
08 71 11 00-0314		400 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0313)*		
08 71 11 00-0315	EA	Painted Finish, 400 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT)	379.51	14.24
08 71 11 00-0316	EA	Satin Stainless Finish, 400 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT)	426.74	14.24
08 71 11 00-0317	EA	Bright Stainless Finish, 400 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT)	449.74	14.24
08 71 11 00-0318	EA	Bright Brass Finish, 400 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT)	449.74	14.24
08 71 11 00-0319	EA	Satin Bronze Finish, 400 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT)	449.74	14.24
08 71 11 00-0320		500 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0313)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0321	EA	Painted Finish, 500 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT)	379.51	14.24
08 71 11 00-0322	EA	Satin Stainless Finish, 500 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT)	426.74	14.24
08 71 11 00-0323	EA	Bright Stainless Finish, 500 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT)	449.74	14.24
08 71 11 00-0324	EA	Bright Brass Finish, 500 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT)	449.74	14.24
08 71 11 00-0325	EA	Satin Bronze Finish, 500 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT)	449.74	14.24
08 71 11 00-0326		Bottom Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0299)*		
08 71 11 00-0327		400 Lb. Max Door Weight, Bottom Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0326)*		
08 71 11 00-0328	EA	Painted Finish, 400 Lb. Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM)	371.05	14.24
08 71 11 00-0329	EA	Satin Stainless Finish, 400 Lb. Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM)	426.74	14.24
08 71 11 00-0330	EA	Bright Stainless Finish, 400 Lb. Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM)	449.74	14.24
08 71 11 00-0331	EA	Bright Brass Finish, 400 Lb. Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM)	449.74	14.24
08 71 11 00-0332	EA	Satin Bronze Finish, 400 Lb. Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM)	449.74	14.24
08 71 11 00-0333		500 Lb. Max Door Weight, Bottom Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0326)*		
08 71 11 00-0334	EA	Painted Finish, 500 Lb. Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM)	604.69	14.24
08 71 11 00-0335	EA	Satin Stainless Finish, 500 Lb. Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM)	667.63	14.24
08 71 11 00-0336	EA	Bright Stainless Finish, 500 Lb. Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM)	683.38	14.24
08 71 11 00-0337	EA	Bright Brass Finish, 500 Lb. Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM)	683.38	14.24
08 71 11 00-0338	EA	Satin Bronze Finish, 500 Lb. Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM)	683.38	14.24
08 71 11 00-0339		Center Hung Pivot Hinges *(08 71 11 00-0075)*		
08 71 11 00-0340		Top Mount, Center Hung Pivot Hinges *(08 71 11 00-0339)*		
08 71 11 00-0341		300 Lb. Max Door Weight, Top Mount, Center Hung Pivot Hinges *(08 71 11 00-0340)*		
08 71 11 00-0342	EA	Painted Finish, 300 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	187.40	11.39
08 71 11 00-0343	EA	Satin Chrome Finish, 300 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	203.15	11.39
08 71 11 00-0344	EA	Bright Brass Finish, 300 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	203.15	11.39
08 71 11 00-0345	EA	Satin Brass Finish, 300 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	203.15	11.39
08 71 11 00-0346	EA	Satin Bronze Finish, 300 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	203.15	11.39
08 71 11 00-0347	EA	Dark Bronze Finish, 300 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	203.15	11.39
08 71 11 00-0348	EA	Bright Chrome Finish, 300 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	203.15	11.39
08 71 11 00-0349		500 Lb. Max Door Weight, Top Mount, Center Hung Pivot Hinges *(08 71 11 00-0340)*		
08 71 11 00-0350	EA	Painted Finish, 500 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	193.10	14.24
08 71 11 00-0351	EA	Satin Chrome Finish, 500 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	208.85	14.24
08 71 11 00-0352	EA	Bright Brass Finish, 500 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	208.85	14.24
08 71 11 00-0353	EA	Satin Brass Finish, 500 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	208.85	14.24
08 71 11 00-0354	EA	Satin Bronze Finish, 500 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	208.85	14.24
08 71 11 00-0355	EA	Dark Bronze Finish, 500 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	208.85	14.24
08 71 11 00-0356	EA	Bright Chrome Finish, 500 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	208.85	14.24
08 71 11 00-0357		600 Lb. Max Door Weight, Top Mount, Center Hung Pivot Hinges *(08 71 11 00-0340)*		
08 71 11 00-0358	EA	Painted Finish, 600 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	193.10	14.24
08 71 11 00-0359	EA	Satin Chrome Finish, 600 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	208.85	14.24
08 71 11 00-0360	EA	Bright Brass Finish, 600 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	208.85	14.24
08 71 11 00-0361	EA	Satin Brass Finish, 600 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	208.85	14.24
08 71 11 00-0362	EA	Satin Bronze Finish, 600 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	208.85	14.24
08 71 11 00-0363	EA	Dark Bronze Finish, 600 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	208.85	14.24
08 71 11 00-0364	EA	Bright Chrome Finish, 600 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	208.85	14.24
08 71 11 00-0365		1,000 Lb. Max Door Weight, Top Mount, Center Hung Pivot Hinges *(08 71 11 00-0340)*		
08 71 11 00-0366	EA	Painted Finish, 1,000 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	307.73	17.09
08 71 11 00-0367	EA	Satin Chrome Finish, 1,000 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	361.02	17.09
08 71 11 00-0368	EA	Bright Brass Finish, 1,000 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	416.69	17.09
08 71 11 00-0369	EA	Satin Brass Finish, 1,000 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	416.69	17.09

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0370	EA	Satin Bronze Finish, 1,000 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	416.69	17.09
08 71 11 00-0371	EA	Dark Bronze Finish, 1,000 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	416.69	17.09
08 71 11 00-0372	EA	Bright Chrome Finish, 1,000 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	416.69	17.09
08 71 11 00-0373		Bottom Mount, Center Hung Pivot Hinges *(08 71 11 00-0339)*		
08 71 11 00-0374		300 Lb. Max Door Weight, Bottom Mount, Center Hung Pivot Hinges *(08 71 11 00-0373)*		
08 71 11 00-0375	EA	Painted Finish, 300 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	141.39	11.39
08 71 11 00-0376	EA	Satin Chrome Finish, 300 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	164.41	11.39
08 71 11 00-0377	EA	Bright Brass Finish, 300 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	187.40	11.39
08 71 11 00-0378	EA	Satin Brass Finish, 300 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	187.40	11.39
08 71 11 00-0379	EA	Satin Bronze Finish, 300 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	187.40	11.39
08 71 11 00-0380	EA	Dark Bronze Finish, 300 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	187.40	11.39
08 71 11 00-0381	EA	Bright Chrome Finish, 300 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	187.40	11.39
08 71 11 00-0382		500 Lb. Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0373)*		
08 71 11 00-0383	EA	Painted Finish, 500 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	208.85	14.24
08 71 11 00-0384	EA	Satin Chrome Finish, 500 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	216.10	14.24
08 71 11 00-0385	EA	Bright Brass Finish, 500 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	216.10	14.24
08 71 11 00-0386	EA	Satin Brass Finish, 500 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	216.10	14.24
08 71 11 00-0387	EA	Satin Bronze Finish, 500 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	216.10	14.24
08 71 11 00-0388	EA	Dark Bronze Finish, 500 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	216.10	14.24
08 71 11 00-0389	EA	Bright Chrome Finish, 500 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	216.10	14.24
08 71 11 00-0390	EA	Painted Finish, 500 Lb. Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	208.85	14.24
08 71 11 00-0391	EA	Satin Chrome Finish, 500 Lb. Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	216.10	14.24
08 71 11 00-0392	EA	Bright Brass Finish, 500 Lb. Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	216.10	14.24
08 71 11 00-0393	EA	Satin Brass Finish, 500 Lb. Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	216.10	14.24
08 71 11 00-0394	EA	Satin Bronze Finish, 500 Lb. Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	216.10	14.24
08 71 11 00-0395	EA	Dark Bronze Finish, 500 Lb. Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	216.10	14.24
08 71 11 00-0396	EA	Bright Chrome Finish, 500 Lb. Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	216.10	14.24
08 71 11 00-0397		600 Lb. Max Door Weight, Bottom Mount, Center Hung Pivot Hinges *(08 71 11 00-0373)*		
08 71 11 00-0398	EA	Painted Finish, 600 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	426.74	14.24
08 71 11 00-0399	EA	Satin Chrome Finish, 600 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	449.74	14.24
08 71 11 00-0400	EA	Bright Brass Finish, 600 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	473.95	14.24
08 71 11 00-0401	EA	Satin Brass Finish, 600 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	473.95	14.24
08 71 11 00-0402	EA	Satin Bronze Finish, 600 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	473.95	14.24
08 71 11 00-0403	EA	Dark Bronze Finish, 600 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	473.95	14.24
08 71 11 00-0404	EA	Bright Chrome Finish, 600 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	473.95	14.24
08 71 11 00-0405		1,000 Lb. Max Door Weight, Bottom Mount, Center Hung Pivot Hinges *(08 71 11 00-0373)*		
08 71 11 00-0406	EA	Painted Finish, 1,000 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM)	789.54	17.09
08 71 11 00-0407	EA	Satin Chrome Finish, 1,000 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM)	812.53	17.09
08 71 11 00-0408	EA	Bright Brass Finish, 1,000 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM)	844.02	17.09
08 71 11 00-0409	EA	Satin Brass Finish, 1,000 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM)	844.02	17.09
08 71 11 00-0410	EA	Satin Bronze Finish, 1,000 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM)	844.02	17.09
08 71 11 00-0411	EA	Dark Bronze Finish, 1,000 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM)	844.02	17.09
08 71 11 00-0412	EA	Bright Chrome Finish, 1,000 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM)	844.02	17.09
08 71 11 00-0413		Continuous Barrel-Type Hinge *(08 71 11 00-0001)*		

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	08 71 11 00-0414	LF	1-1/2" Wide, Steel, Continuous Barrel-Type Hinge	30.02	4.55
			For Stainless Steel, Add	*6.49*	
			For Brass Or Nickel, Add	*7.08*	
			For Aluminum, Add	*2.31*	
			For Medium Gauge, Deduct	*-2.36*	
	08 71 11 00-0415	LF	2" Wide, Steel, Continuous Barrel-Type Hinge	30.81	4.55
			For Stainless Steel, Add	*6.92*	
			For Brass Or Nickel, Add	*7.55*	
			For Aluminum, Add	*2.47*	
			For Medium Gauge, Deduct	*-2.52*	
	08 71 11 00-0416	LF	2-1/2" Wide, Steel, Continuous Barrel-Type Hinge	32.38	4.55
			For Stainless Steel, Add	*7.79*	
			For Brass Or Nickel, Add	*8.50*	
			For Aluminum, Add	*2.78*	
			For Medium Gauge, Deduct	*-2.83*	
	08 71 11 00-0417	LF	3" Wide, Steel, Continuous Barrel-Type Hinge	34.16	4.55
			For Stainless Steel, Add	*8.77*	
			For Brass Or Nickel, Add	*9.56*	
			For Aluminum, Add	*3.12*	
			For Medium Gauge, Deduct	*-3.19*	
08 71 11 00-0418			**Continuous Geared Hinges** *(08 71 11 00-0001)*		
	08 71 11 00-0419	LF	Half Surface, Aluminum Geared Continuous Hinge, Standard Duty (Roton 780-053)	62.29	4.55
			For Bronze Finish, Add	*16.53*	
			For Heavy-Duty, Add	*11.78*	
	08 71 11 00-0420	LF	Full Surface, Aluminum Geared Continuous Hinge, Standard Duty (Roton 780-057)	67.44	4.55
			For Bronze Finish, Add	*18.46*	
			For Heavy-Duty, Add	*13.15*	
	08 71 11 00-0421	LF	Concealed (Full Mortise), Aluminum Geared Continuous Hinge, Standard Duty (Roton 780-112)	41.62	4.55
			For Bronze Finish, Add	*8.78*	
	08 71 11 00-0422	LF	Concealed (Full Mortise), Aluminum Geared Continuous Hinge, Heavy-Duty (Roton 780-112HD)	49.09	4.55
			For Bronze Finish, Add	*11.58*	
08 71 11 00-0423			**Mortised, Primed Steel, Double Acting Spring Hinges** *(08 71 11 00-0001)*		
	08 71 11 00-0424	PR	2", Mortised, Primed Steel, Double Acting Spring Hinge	189.75	7.97
			For Satin Brass, Add	*35.97*	
	08 71 11 00-0425	PR	3", Mortised, Primed Steel, Double Acting Spring Hinge	201.21	10.25
			For Satin Brass, Add	*35.99*	
	08 71 11 00-0426	PR	4", Mortised, Primed Steel, Double Acting Spring Hinge	220.77	12.52
			For Satin Brass, Add	*37.95*	
	08 71 11 00-0427	PR	5", Mortised, Primed Steel, Double Acting Spring Hinge	292.80	14.80
			For Satin Brass, Add	*52.51*	
	08 71 11 00-0428	PR	6", Mortised, Primed Steel, Double Acting Spring Hinge	326.37	17.09
			For Satin Brass, Add	*57.83*	
	08 71 11 00-0429	PR	7", Mortised, Primed Steel, Double Acting Spring Hinge	395.27	19.36
			For Satin Brass, Add	*71.64*	
	08 71 11 00-0430	PR	8", Mortised, Primed Steel, Double Acting Spring Hinge	547.18	54.10
			For Satin Brass, Add	*105.36*	
08 71 11 00-0431			**Security Hinges** *(08 71 11 00-0001)*		
	08 71 11 00-0432	EA	4-1/2" x 4-1/2", Non-Removable Pin, Full Mortise, Ball Bearing, Steel Security Hinge	42.08	7.97
08 71 11 00-0433			**Concealed Circuit Electric Hinge Option** *(08 71 11 00-0001)* Note: Excludes the hinge. These tasks are used in conjunction with other hinges to electrify the hinge.		
	08 71 11 00-0434	EA	4 Wire Concealed Circuit Electric Hinge Option	315.77	
	08 71 11 00-0435	EA	6 Wire Concealed Circuit Electric Hinge Option	372.81	
	08 71 11 00-0436	EA	8 Wire Concealed Circuit Electric Hinge Option	429.86	
08 71 11 00-0437			**Steel, Five Knuckle Satin Chrome Finish Hinges (Hager Companies)** *(08 71 11 00-0001)*		
	08 71 11 00-0438	EA	6" x 5", Steel, Standard Weight, Five Knuckle Ball Bearing	290.49	14.91
			For Owner Furnished Material, Deduct	*-213.98*	
	08 71 11 00-0439	EA	6" x 6", Steel, Standard Weight, Five Knuckle Ball Bearing	290.49	14.91
			For Owner Furnished Material, Deduct	*-213.98*	
	08 71 11 00-0440	EA	8" x 6", Steel, Standard Weight, Five Knuckle Ball Bearing	576.86	16.05
			For Owner Furnished Material, Deduct	*-494.28*	
	08 71 11 00-0441	EA	8" x 8", Steel, Standard Weight, Five Knuckle Ball Bearing	576.86	16.05
			For Owner Furnished Material, Deduct	*-494.28*	
	08 71 11 00-0442	EA	4-1/2"" x 4", Steel, Standard Weight, Five Knuckle Ball Bearing	123.22	12.62
			For Owner Furnished Material, Deduct	*-57.84*	
	08 71 11 00-0443	EA	4-1/2" x 4-1/2", Steel, Standard Weight, Five Knuckle Ball Bearing	123.22	12.62
			For Owner Furnished Material, Deduct	*-57.84*	
	08 71 11 00-0444	EA	5" x 4", Steel, Standard Weight, Five Knuckle Ball Bearing	141.79	14.91
			For Owner Furnished Material, Deduct	*-65.28*	
	08 71 11 00-0445	EA	5" x 4-1/2", Steel, Standard Weight, Five Knuckle Ball Bearing	141.79	14.91
			For Owner Furnished Material, Deduct	*-65.28*	
	08 71 11 00-0446	EA	5" x 5", Steel, Standard Weight, Five Knuckle Ball Bearing	141.79	14.91
			For Owner Furnished Material, Deduct	*-65.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0447	EA	6" x 4-1/2", Steel, Standard Weight, Five Knuckle Ball Bearing	290.49	14.91
		For Owner Furnished Material, Deduct	*-213.98*	
08 71 11 00-0448		**Stainless Steel, Heavy-Duty, Five Knuckle Satin Chrome Finish Hinges (Hager Companies)** *(08 71 11 00-0001)*		
08 71 11 00-0449	EA	3-1/2" x 3-1/2", Stainless Steel, Heavy Weight, Five Knuckle Ball Bearing	105.47	8.03
		For Owner Furnished Material, Deduct	*-62.23*	
08 71 11 00-0450	EA	4" x 4", Stainless Steel, Heavy Weight, Five Knuckle Ball Bearing	117.22	11.47
		For Owner Furnished Material, Deduct	*-59.88*	
08 71 11 00-0451	EA	4-1/2" x 4", Stainless Steel, Heavy Weight, Five Knuckle Ball Bearing	126.22	12.62
		For Owner Furnished Material, Deduct	*-60.84*	
08 71 11 00-0452	EA	4-1/2" x 4-1/2", Stainless Steel, Heavy Weight, Five Knuckle Ball Bearing	126.22	12.62
		For Owner Furnished Material, Deduct	*-60.84*	
08 71 11 00-0453	EA	5" x 4", Stainless Steel, Heavy Weight, Five Knuckle Ball Bearing	137.35	14.91
		For Owner Furnished Material, Deduct	*-60.84*	
08 71 11 00-0454	EA	5" x 4-1/2", Stainless Steel, Heavy Weight, Five Knuckle Ball Bearing	161.46	14.91
		For Owner Furnished Material, Deduct	*-84.95*	
08 71 11 00-0455	EA	5" x 5", Stainless Steel, Heavy Weight, Five Knuckle Ball Bearing	161.46	14.91
		For Owner Furnished Material, Deduct	*-84.95*	
08 71 11 00-0456	EA	6" x 4-1/2", Stainless Steel, Heavy Weight, Five Knuckle Ball Bearing	387.71	14.91
		For Owner Furnished Material, Deduct	*-311.20*	
08 71 11 00-0457	EA	6" x 5", Stainless Steel, Heavy Weight, Five Knuckle Ball Bearing	387.71	14.91
		For Owner Furnished Material, Deduct	*-311.20*	
08 71 11 00-0458	EA	6" x 6", Stainless Steel, Heavy Weight, Five Knuckle Ball Bearing	387.71	14.91
		For Owner Furnished Material, Deduct	*-311.20*	
08 71 11 00-0459		**Hinge Filler Plates For Door Frames** *(08 71 11 00-0001)*		
08 71 11 00-0460	PR	Hinge Filler Plates For Door Frames	21.72	5.70
08 71 11 00-0461		**Full Surface Swing Clear Pin And Barrel Hinge** *(08 71 11 00-0001)*		
08 71 11 00-0462	LF	83-1/8", Satin Stainless Steel Finish, Full Surface Swing Clear Pin And Barrel Hinge (Marker FS/SC309SS-83)	973.31	31.43
		For Owner Furnished Material, Deduct	*-848.04*	
08 71 11 00-0463	LF	95", Satin Stainless Steel Finish, Full Surface Swing Clear Pin And Barrel Hinge (Marker FS/SC309SS-95)	1,112.04	35.76
		For Owner Furnished Material, Deduct	*-975.39*	
08 71 11 00-0464		**Door Trim** *(08 71 11)*		
08 71 11 00-0465		**Floor Stops, Wall Stops And Bumpers** *(08 71 11 00-0464)*		
08 71 11 00-0466		**Floor Stops** *(08 71 11 00-0465)*		
08 71 11 00-0467		**Aluminum Floor Stops** *(08 71 11 00-0466)*		
08 71 11 00-0468	EA	1-5/16" Overall Height, Satin Aluminum Finish, Aluminum Floor Stop (Ives FS430)	32.38	14.24
08 71 11 00-0469	EA	1" Overall Height, 3/16" Base Height, Satin Aluminum Finish, Aluminum Dome Floor Stop (Ives FS436)	36.27	14.24
08 71 11 00-0470	EA	1-3/8" Overall Height, 9/16" Base Height, Satin Aluminum Finish, Aluminum Dome Floor Stop (Ives FS438)	37.75	14.24
08 71 11 00-0471	EA	2-1/8" Overall Height, Satin Aluminum Finish, Aluminum Floor Stop (Ives FS441)	60.32	14.24
08 71 11 00-0472	EA	3" Overall Height, Satin Aluminum Finish, Aluminum Floor Stop (Ives FS444/448)	63.02	14.24
08 71 11 00-0473		**Brass Floor Stops** *(08 71 11 00-0466)*		
08 71 11 00-0474	EA	1" Overall Height, 3/16" Base Height, Satin Chrome Finish, Brass Dome Floor Stop (Ives FS436)	36.81	14.24
08 71 11 00-0475	EA	1" Overall Height, 3/16" Base Height, Satin Brass Finish, Brass Dome Floor Stop (Ives FS436)	38.30	14.24
08 71 11 00-0476	EA	1" Overall Height, 3/16" Base Height, Bright Brass Finish, Brass Dome Floor Stop (Ives FS436)	38.30	14.24
08 71 11 00-0477	EA	1" Overall Height, 3/16" Base Height, Bright Chrome Finish, Brass Dome Floor Stop (Ives FS436)	38.87	14.24
08 71 11 00-0478	EA	1" Overall Height, 3/16" Base Height, Satin Bronze Finish, Brass Dome Floor Stop (Ives FS436)	39.63	14.24
08 71 11 00-0479	EA	1" Overall Height, 3/16" Base Height, Dark Bronze Finish, Brass Dome Floor Stop (Ives FS436)	39.63	14.24
08 71 11 00-0480	EA	1" Overall Height, 3/16" Base Height, Satin Nickel Finish, Brass Dome Floor Stop (Ives FS436)	39.63	14.24
08 71 11 00-0481	EA	1-3/8" Overall Height, 9/16" Base Height, Satin Chrome Finish, Brass Dome Floor Stop (Ives FS438)	37.75	14.24
08 71 11 00-0482	EA	1-3/8" Overall Height, 9/16" Base Height, Satin Brass Finish, Brass Dome Floor Stop (Ives FS438)	40.00	14.24
08 71 11 00-0483	EA	1-3/8" Overall Height, 9/16" Base Height, Bright Brass Finish, Brass Dome Floor Stop (Ives FS438)	40.00	14.24
08 71 11 00-0484	EA	1-3/8" Overall Height, 9/16" Base Height, Bright Chrome Finish, Brass Dome Floor Stop (Ives FS438)	40.88	14.24
08 71 11 00-0485	EA	1-3/8" Overall Height, 9/16" Base Height, Satin Bronze Finish, Brass Dome Floor Stop (Ives FS438)	41.63	14.24
08 71 11 00-0486	EA	1-3/8" Overall Height, 9/16" Base Height, Dark Bronze Finish, Brass Dome Floor Stop (Ives FS438)	41.63	14.24
08 71 11 00-0487	EA	1-3/8" Overall Height, 9/16" Base Height, Satin Nickel Finish, Brass Dome Floor Stop (Ives FS438)	45.18	14.24
08 71 11 00-0488	EA	1" Overall Height, 5/32" Base Height, Satin Chrome Finish, Brass Dome Floor Stop (Ives FS13)	40.15	14.24
08 71 11 00-0489	EA	1" Overall Height, 5/32" Base Height, Bright Brass Finish, Brass Dome Floor Stop (Ives FS13)	40.15	14.24
08 71 11 00-0490	EA	1" Overall Height, 5/32" Base Height, Bright Chrome Finish, Brass Dome Floor Stop (Ives FS13)	42.61	14.24
08 71 11 00-0491	EA	1" Overall Height, 5/32" Base Height, Satin Brass Finish, Brass Dome Floor Stop (Ives FS13)	42.61	14.24
08 71 11 00-0492	EA	1" Overall Height, 5/32" Base Height, Satin Bronze Finish, Brass Dome Floor Stop (Ives FS13)	42.61	14.24
08 71 11 00-0493	EA	1" Overall Height, 5/32" Base Height, Dark Bronze Finish, Brass Dome Floor Stop (Ives FS13)	42.61	14.24
08 71 11 00-0494	EA	1-11/32" Overall Height, 1/2" Base Height, Satin Chrome Finish, Brass Dome Floor Stop (Ives FS17)	41.85	14.24
08 71 11 00-0495	EA	1-11/32" Overall Height, 1/2" Base Height, Bright Brass Finish, Brass Dome Floor Stop (Ives FS17)	41.85	14.24
08 71 11 00-0496	EA	1-11/32" Overall Height, 1/2" Base Height, Bright Chrome Finish, Brass Dome Floor Stop (Ives FS17)	44.24	14.24
08 71 11 00-0497	EA	1-11/32" Overall Height, 1/2" Base Height, Satin Brass Finish, Brass Dome Floor Stop (Ives FS17)	44.24	14.24
08 71 11 00-0498	EA	1-11/32" Overall Height, 1/2" Base Height, Satin Bronze Finish, Brass Dome Floor Stop (Ives FS17)	44.24	14.24
08 71 11 00-0499	EA	1-11/32" Overall Height, 1/2" Base Height, Dark Bronze Finish, Brass Dome Floor Stop (Ives FS17)	44.24	14.24
08 71 11 00-0500	EA	2-1/8" Overall Height, Satin Chrome Finish, Brass Floor Stop (Ives FS441)	62.50	14.24
08 71 11 00-0501	EA	2-1/8" Overall Height, Bright Brass Finish, Brass Floor Stop (Ives FS441)	63.57	14.24

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0502	EA	2-1/8" Overall Height, Dark Bronze Finish, Brass Floor Stop (Ives FS441)	66.14	14.24
08 71 11 00-0503	EA	2-1/8" Overall Height, Satin Brass Finish, Brass Floor Stop (Ives FS441)	68.24	14.24
08 71 11 00-0504	EA	2-1/8" Overall Height, Satin Bronze Finish, Brass Floor Stop (Ives FS441)	68.24	14.24
08 71 11 00-0505	EA	2-1/8" Overall Height, Bright Chrome Finish, Brass Floor Stop (Ives FS441)	76.76	14.24
08 71 11 00-0506	EA	2-1/8" Overall Height, Satin Nickel Finish, Brass Floor Stop (Ives FS441)	76.76	14.24
08 71 11 00-0507	EA	3" Overall Height, Dark Bronze Finish, Brass Floor Stop (Ives FS444/448)	73.61	14.24
08 71 11 00-0508	EA	3" Overall Height, Satin Chrome Finish, Brass Floor Stop (Ives FS444/448)	75.12	14.24
08 71 11 00-0509	EA	3" Overall Height, Satin Brass Finish, Brass Floor Stop (Ives FS444/448)	75.12	14.24
08 71 11 00-0510	EA	3" Overall Height, Bright Brass Finish, Brass Floor Stop (Ives FS444/448)	75.12	14.24
08 71 11 00-0511	EA	3" Overall Height, Satin Bronze Finish, Brass Floor Stop (Ives FS444/448)	75.12	14.24
08 71 11 00-0512	EA	3" Overall Height, Bright Chrome Finish, Brass Floor Stop (Ives FS444/448)	86.80	14.24
08 71 11 00-0513	EA	3" Overall Height, Satin Nickel Finish, Brass Floor Stop (Ives FS444/448)	86.80	14.24
08 71 11 00-0514	EA	1-5/16" Overall Height, Satin Brass Finish, Brass Floor Stop (Ives FS430)	49.79	14.24
08 71 11 00-0515	EA	1-5/16" Overall Height, Bright Brass Finish, Brass Floor Stop (Ives FS430)	51.74	14.24
08 71 11 00-0516	EA	1-5/16" Overall Height, Satin Chrome Finish, Brass Floor Stop (Ives FS430)	56.13	14.24
08 71 11 00-0517	EA	1-5/16" Overall Height, Bright Chrome Finish, Brass Floor Stop (Ives FS430)	56.13	14.24
08 71 11 00-0518	EA	1-5/16" Overall Height, Dark Bronze Finish, Brass Floor Stop (Ives FS430)	56.13	14.24
08 71 11 00-0519	EA	1-5/16" Overall Height, Satin Nickel Finish, Brass Floor Stop (Ives FS430)	57.44	14.24
08 71 11 00-0520		**Steel Floor Stops** *(08 71 11 00-0466)*		
08 71 11 00-0521	EA	2-5/8" Overall Height, Zinc Plated Finish, Wrought Steel Floor Stop (Ives FS434)	42.21	14.24
08 71 11 00-0522	EA	1-1/2" Overall Height, Grout In, Molded Rubber Security Floor Stop (Ives FS18S) Note: Includes drilling. Excludes Grout.	114.47	14.24
08 71 11 00-0523	EA	3-1/2" Overall Height, Grout In, Molded Rubber Security Floor Stop (Ives FS18L) Note: Includes drilling. Excludes Grout.	120.62	14.24
08 71 11 00-0524		**Wall Stops** *(08 71 11 00-0465)*		
08 71 11 00-0525		**Aluminum Wall Stops** *(08 71 11 00-0524)*		
08 71 11 00-0526	EA	3-3/4" Projection, Rigid Type, Satin Aluminum Finish, Aluminum Wall Stop (Ives WS65)	24.37	8.54
08 71 11 00-0527		**Brass Wall Stops** *(08 71 11 00-0524)*		
08 71 11 00-0528	EA	3-3/4" Projection, Residential Rigid Type, Satin Chrome Finish, Brass Wall Stop (Ives 60)	29.98	5.70
08 71 11 00-0529	EA	3-3/4" Projection, Residential Rigid Type, Satin Brass Finish, Brass Wall Stop (Ives 60)	29.98	5.70
08 71 11 00-0530	EA	3-3/4" Projection, Residential Rigid Type, Bright Brass Finish, Brass Wall Stop (Ives 60)	29.98	5.70
08 71 11 00-0531	EA	3-3/4" Projection, Residential Rigid Type, Satin Nickel Finish, Brass Wall Stop (Ives 60)	35.75	5.70
08 71 11 00-0532	EA	3-3/4" Projection, Residential Rigid Type, Bright Chrome Finish, Brass Wall Stop (Ives 60)	36.29	5.70
08 71 11 00-0533	EA	3-3/4" Projection, Residential Rigid Type, Satin Bronze Finish, Brass Wall Stop (Ives 60)	36.29	5.70
08 71 11 00-0534	EA	3-3/4" Projection, Residential Rigid Type, Dark Bronze Finish, Brass Wall Stop (Ives 60)	36.29	5.70
08 71 11 00-0535	EA	3-3/4" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop (Ives WS11)	85.83	8.54
08 71 11 00-0536	EA	3-3/4" Projection, Rigid Type, Dark Bronze Finish, Brass Wall Stop (Ives WS11)	87.86	8.54
08 71 11 00-0537	EA	3-3/4" Projection, Rigid Type, Bright Brass Finish, Brass Wall Stop (Ives WS11)	87.86	8.54
08 71 11 00-0538	EA	3-3/4" Projection, Rigid Type, Satin Bronze Finish, Brass Wall Stop (Ives WS11)	87.86	8.54
08 71 11 00-0539	EA	3-3/4" Projection, Rigid Type, Bright Chrome Finish, Brass Wall Stop (Ives WS11)	87.86	8.54
08 71 11 00-0540	EA	3-3/4" Projection, Rigid Type, Satin Brass Finish, Brass Wall Stop (Ives WS11)	87.86	8.54
08 71 11 00-0541	EA	3-3/4" Projection, Rigid Type, Bright Brass Finish, Brass Wall Stop (Ives WS443/447)	71.51	8.54
08 71 11 00-0542	EA	3-3/4" Projection, Rigid Type, Satin Bronze Finish, Brass Wall Stop (Ives WS443/447)	82.49	8.54
08 71 11 00-0543	EA	3-3/4" Projection, Rigid Type, Bright Chrome Finish, Brass Wall Stop (Ives WS443/447)	82.49	8.54
08 71 11 00-0544	EA	3-3/4" Projection, Rigid Type, Dark Bronze Finish, Brass Wall Stop (Ives WS443/447)	82.49	8.54
08 71 11 00-0545	EA	3-3/4" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop (Ives WS443/447)	82.49	8.54
08 71 11 00-0546	EA	3-3/4" Projection, Rigid Type, Satin Brass Finish, Brass Wall Stop (Ives WS443/447)	85.10	8.54
08 71 11 00-0547	EA	3-3/4" Projection, Rigid Type, Satin Nickel Finish, Brass Wall Stop (Ives WS443/447)	85.10	8.54
08 71 11 00-0548	EA	3-3/4" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop (Ives WS33)	139.34	8.54
08 71 11 00-0549		**Steel Wall Stops** *(08 71 11 00-0524)*		
08 71 11 00-0550	EA	3" Projection, Residential Spring Type, Bright Brass Finish, Steel Wall Stop (Ives 63)	12.51	5.70
08 71 11 00-0551		**Hinge Pin Door Stops** *(08 71 11 00-0465)*		
08 71 11 00-0552		**Aluminum Hinge Pin Door Stops** *(08 71 11 00-0551)*		
08 71 11 00-0553	EA	Satin Aluminum Finish, Aluminum Hinge Pin Door Stop (Ives 70)	26.11	11.39
08 71 11 00-0554		**Brass Hinge Pin Door Stops** *(08 71 11 00-0551)*		
08 71 11 00-0555	EA	Satin Brass Finish, Brass Hinge Pin Door Stop (Ives 73)	30.75	11.39
08 71 11 00-0556	EA	Satin Chrome Finish, Brass Hinge Pin Door Stop (Ives 70)	40.39	11.39
08 71 11 00-0557	EA	Satin Brass Finish, Brass Hinge Pin Door Stop (Ives 70)	40.39	11.39
08 71 11 00-0558	EA	Bright Brass Finish, Brass Hinge Pin Door Stop (Ives 70)	40.39	11.39
08 71 11 00-0559	EA	Bright Chrome Finish, Brass Hinge Pin Door Stop (Ives 70)	44.91	11.39
08 71 11 00-0560	EA	Satin Bronze Finish, Brass Hinge Pin Door Stop (Ives 70)	44.91	11.39
08 71 11 00-0561	EA	Dark Bronze Finish, Brass Hinge Pin Door Stop (Ives 70)	44.91	11.39
08 71 11 00-0562	EA	Satin Nickel Finish, Brass Hinge Pin Door Stop (Ives 70)	44.91	11.39
08 71 11 00-0563		**Wall Bumpers** *(08 71 11 00-0465)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0564		**Brass Wall Bumpers** *(08 71 11 00-0563)*		
08 71 11 00-0565	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Chrome Finish, Wrought Brass Wall Bumper (Ives WS406/407)	34.78	14.24
08 71 11 00-0566	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Brass Finish, Wrought Brass Wall Bumper (Ives WS406/407)	34.78	14.24
08 71 11 00-0567	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Bright Brass Finish, Wrought Brass Wall Bumper (Ives WS406/407)	34.78	14.24
08 71 11 00-0568	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Bright Chrome Finish, Wrought Brass Wall Bumper (Ives WS406/407)	35.33	14.24
08 71 11 00-0569	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Bronze Finish, Wrought Brass Wall Bumper (Ives WS406/407)	35.33	14.24
08 71 11 00-0570	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Dark Bronze Finish, Wrought Brass Wall Bumper (Ives WS406/407)	35.33	14.24
08 71 11 00-0571	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Nickel Finish, Wrought Brass Wall Bumper (Ives WS406/407)	35.33	14.24
08 71 11 00-0572	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Bright Brass Finish, Cast Brass Wall Bumper (Ives WS401/402)	53.89	14.24
08 71 11 00-0573	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Chrome Finish, Cast Brass Wall Bumper (Ives WS401/402)	58.93	14.24
08 71 11 00-0574	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Bright Chrome Finish, Cast Brass Wall Bumper (Ives WS401/402)	58.93	14.24
08 71 11 00-0575	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Brass Finish, Cast Brass Wall Bumper (Ives WS401/402)	58.93	14.24
08 71 11 00-0576	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Bronze Finish, Cast Brass Wall Bumper (Ives WS401/402)	58.93	14.24
08 71 11 00-0577	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Dark Bronze Finish, Cast Brass Wall Bumper (Ives WS401/402)	58.93	14.24
08 71 11 00-0578	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Nickel Finish, Cast Brass Wall Bumper (Ives WS401/402)	60.05	14.24
08 71 11 00-0579		**Rubber Wall Bumpers** *(08 71 11 00-0563)*		
08 71 11 00-0580	EA	1-7/8" Base Diameter, Adhesive-Backed, Concave Rubber Wall Bumper (Ives WS411R-W)	32.78	14.24
08 71 11 00-0581		**Holders** *(08 71 11 00-0464)*		
08 71 11 00-0582		**Plunger Type Door Holders** *(08 71 11 00-0581)*		
08 71 11 00-0583		**Aluminum Plunger Type Door Holders** *(08 71 11 00-0582)*		
08 71 11 00-0584	EA	Satin Aluminum Finish, Aluminum Plunger Type Door Holder (Ives FS1153)	90.83	8.54
08 71 11 00-0585		**Brass Plunger Type Door Holders** *(08 71 11 00-0582)*		
08 71 11 00-0586	EA	Satin Chrome Finish, Brass Plunger Type Door Holder (Ives FS1154)	150.10	8.54
08 71 11 00-0587	EA	Bright Chrome Finish, Brass Plunger Type Door Holder (Ives FS1154)	150.10	8.54
08 71 11 00-0588	EA	Satin Brass Finish, Brass Plunger Type Door Holder (Ives FS1154)	150.10	8.54
08 71 11 00-0589	EA	Bright Brass Finish, Brass Plunger Type Door Holder (Ives FS1154)	150.10	8.54
08 71 11 00-0590	EA	Satin Bronze Finish, Brass Plunger Type Door Holder (Ives FS1154)	150.10	8.54
08 71 11 00-0591	EA	Dark Bronze Finish, Brass Plunger Type Door Holder (Ives FS1154)	150.10	8.54
08 71 11 00-0592	EA	Satin Nickel Finish, Brass Plunger Type Door Holder (Ives FS1154)	150.10	8.54
08 71 11 00-0593		**Kick Down Door Holders** *(08 71 11 00-0581)*		
08 71 11 00-0594		**Aluminum Kick Down Door Holders** *(08 71 11 00-0593)*		
08 71 11 00-0595	EA	Satin Aluminum Finish, Aluminum Kick Down Door Holder (Ives FS455)	29.13	8.54
08 71 11 00-0596		**Brass Kick Down Door Holders** *(08 71 11 00-0593)*		
08 71 11 00-0597	EA	Satin Brass Finish, Brass Kick Down Door Holder (Ives FS455)	65.99	8.54
08 71 11 00-0598	EA	Bright Brass Finish, Brass Kick Down Door Holder (Ives FS455)	65.99	8.54
08 71 11 00-0599	EA	Satin Bronze Finish, Brass Kick Down Door Holder (Ives FS455)	65.99	8.54
08 71 11 00-0600	EA	Satin Chrome Finish, Brass Kick Down Door Holder (Ives FS455)	75.60	8.54
08 71 11 00-0601	EA	Bright Chrome Finish, Brass Kick Down Door Holder (Ives FS455)	75.60	8.54
08 71 11 00-0602	EA	Dark Bronze Finish, Brass Kick Down Door Holder (Ives FS455)	75.60	8.54
08 71 11 00-0603	EA	Satin Nickel Finish, Brass Kick Down Door Holder (Ives FS455)	78.03	8.54
08 71 11 00-0604		**Steel Kick Down Door Holders** *(08 71 11 00-0593)*		
08 71 11 00-0605	EA	Steel Kick Down Door Holder (Ives FS544)	36.56	8.54
08 71 11 00-0606		**Floor Mounted Door Holders** *(08 71 11 00-0581)*		
08 71 11 00-0607		**Brass Floor Mounted Door Holders** *(08 71 11 00-0606)*		
08 71 11 00-0608	EA	Up To 1/2" Door To Floor Clearance, Satin Chrome Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	129.08	17.09
		For >1/2" To 1-1/16" Door To Floor Clearance, Add	*1.78*	
		For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	*10.53*	
		For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	*15.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0609	EA	Up To 1/2" Door To Floor Clearance, Satin Brass Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	129.08	17.09
		For >1/2" To 1-1/16" Door To Floor Clearance, Add	*1.78*	
		For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	*10.53*	
		For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	*15.80*	
08 71 11 00-0610	EA	Up To 1/2" Door To Floor Clearance, Bright Chrome Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	161.02	17.09
		For >1/2" To 1-1/16" Door To Floor Clearance, Add	*1.78*	
		For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	*10.53*	
		For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	*15.80*	
08 71 11 00-0611	EA	Up To 1/2" Door To Floor Clearance, Bright Brass Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	161.02	17.09
		For >1/2" To 1-1/16" Door To Floor Clearance, Add	*1.78*	
		For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	*10.53*	
		For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	*15.80*	
08 71 11 00-0612	EA	Up To 1/2" Door To Floor Clearance, Satin Bronze Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	161.02	17.09
		For >1/2" To 1-1/16" Door To Floor Clearance, Add	*1.78*	
		For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	*10.53*	
		For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	*15.80*	
08 71 11 00-0613	EA	Up To 1/2" Door To Floor Clearance, Dark Bronze Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	161.02	17.09
		For >1/2" To 1-1/16" Door To Floor Clearance, Add	*1.78*	
		For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	*10.53*	
		For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	*15.80*	
08 71 11 00-0614		**Wall Mounted Door Holders** *(08 71 11 00-0581)*		
08 71 11 00-0615		**Aluminum Wall Mounted Door Holders** *(08 71 11 00-0614)*		
08 71 11 00-0616	EA	4" Projection, Rigid Type, Satin Aluminum Finish, Aluminum Wall Stop And Manual Door Holder (Ives WS20)	115.96	9.97
08 71 11 00-0617	EA	Wall Mounted, Satin Aluminum Finish, Aluminum Automatic Door Holder (Ives WS40)	169.42	17.09
08 71 11 00-0618		**Brass Wall Mounted Door Holders** *(08 71 11 00-0614)*		
08 71 11 00-0619	EA	3-11/16" Projection, Rigid Type, Bright Brass Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	106.28	9.97
08 71 11 00-0620	EA	3-11/16" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	123.60	9.97
08 71 11 00-0621	EA	3-11/16" Projection, Rigid Type, Bright Chrome Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	123.60	9.97
08 71 11 00-0622	EA	3-11/16" Projection, Rigid Type, Satin Brass Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	123.60	9.97
08 71 11 00-0623	EA	3-11/16" Projection, Rigid Type, Satin Bronze Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	123.60	9.97
08 71 11 00-0624	EA	3-11/16" Projection, Rigid Type, Dark Bronze Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	123.60	9.97
08 71 11 00-0625	EA	3-11/16" Projection, Rigid Type, Satin Nickel Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	127.67	9.97
08 71 11 00-0626	EA	4" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop And Manual Door Holder (Ives WS20)	120.78	9.97
08 71 11 00-0627	EA	4" Projection, Rigid Type, Bright Chrome Finish, Brass Wall Stop And Manual Door Holder (Ives WS20)	144.41	9.97
08 71 11 00-0628	EA	4" Projection, Rigid Type, Satin Brass Finish, Brass Wall Stop And Manual Door Holder (Ives WS20)	144.41	9.97
08 71 11 00-0629	EA	4" Projection, Rigid Type, Bright Brass Finish, Brass Wall Stop And Manual Door Holder (Ives WS20)	144.41	9.97
08 71 11 00-0630	EA	4" Projection, Rigid Type, Satin Bronze Finish, Brass Wall Stop And Manual Door Holder (Ives WS20)	144.41	9.97
08 71 11 00-0631	EA	4" Projection, Rigid Type, Dark Bronze Finish, Brass Wall Stop And Manual Door Holder (Ives WS20)	144.41	9.97
08 71 11 00-0632	EA	Wall Mounted, Satin Chrome Finish, Brass Automatic Door Holder (Ives WS40)	192.99	17.09
08 71 11 00-0633	EA	Wall Mounted, Bright Chrome Finish, Brass Automatic Door Holder (Ives WS40)	203.61	17.09
08 71 11 00-0634	EA	Wall Mounted, Satin Brass Finish, Brass Automatic Door Holder (Ives WS40)	203.61	17.09
08 71 11 00-0635	EA	Wall Mounted, Bright Brass Finish, Brass Automatic Door Holder (Ives WS40)	203.61	17.09
08 71 11 00-0636	EA	Wall Mounted, Satin Bronze Finish, Brass Automatic Door Holder (Ives WS40)	203.61	17.09
08 71 11 00-0637	EA	Wall Mounted, Dark Bronze Finish, Brass Automatic Door Holder (Ives WS40)	203.61	17.09
08 71 11 00-0638		**Overhead Door Holders** *(08 71 11 00-0581)*		
08 71 11 00-0639		**Surface Mounted, Overhead Door Holders** *(08 71 11 00-0638)*		
08 71 11 00-0640	EA	Surface Mounted, Aluminum Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81)	598.01	28.47
		For Hold Open, Add	*69.86*	
08 71 11 00-0641	EA	Surface Mounted, Dark Bronze Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81)	687.19	28.47
		For Hold Open, Add	*82.73*	
08 71 11 00-0642	EA	Surface Mounted, Polished Brass Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81)	687.19	28.47
		For Hold Open, Add	*82.73*	
08 71 11 00-0643	EA	Surface Mounted, Polished Chrome Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81)	687.19	28.47
		For Hold Open, Add	*82.73*	
08 71 11 00-0644	EA	Surface Mounted, Stainless Steel Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81)	684.16	28.47
		For Hold Open, Add	*82.29*	
08 71 11 00-0645		**Heavy-Duty, Surface Mounted, Overhead Door Holders** *(08 71 11 00-0638)* Note: With or without hold open feature.		
08 71 11 00-0646	EA	Heavy-Duty, Surface Mounted, Aluminum Finish, Overhead Door Holder/Stop (Glynn Johnson 90)	463.33	28.47
08 71 11 00-0647	EA	Heavy-Duty, Surface Mounted, Stainless Steel Finish, Overhead Door Holder/Stop (Glynn Johnson 90)	676.27	28.47
08 71 11 00-0648	EA	Heavy-Duty, Surface Mounted, Dark Bronze Finish, Overhead Door Holder/Stop (Glynn Johnson 90)	769.09	28.47
08 71 11 00-0649	EA	Heavy-Duty, Surface Mounted, Polished Brass Finish, Overhead Door Holder/Stop (Glynn Johnson 90)	769.09	28.47
08 71 11 00-0650	EA	Heavy-Duty, Surface Mounted, Polished Chrome Finish, Overhead Door Holder/Stop (Glynn Johnson 90)	769.09	28.47

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0651		**Concealed Mounted, Overhead Door Holders** *(08 71 11 00-0638)* Note: With or without hold open feature.		
08 71 11 00-0652	EA	Concealed Mounted, Aluminum Finish, Overhead Door Holder/Stop (Glynn Johnson 100)	653.83	28.47
08 71 11 00-0653	EA	Concealed Mounted, Stainless Steel Finish, Overhead Door Holder/Stop (Glynn Johnson 100)	653.83	28.47
08 71 11 00-0654	EA	Concealed Mounted, Dark Bronze Finish, Overhead Door Holder/Stop (Glynn Johnson 100)	690.23	28.47
08 71 11 00-0655	EA	Concealed Mounted, Polished Brass Finish, Overhead Door Holder/Stop (Glynn Johnson 100)	721.17	28.47
08 71 11 00-0656	EA	Concealed Mounted, Polished Chrome Finish, Overhead Door Holder/Stop (Glynn Johnson 100)	721.17	28.47
08 71 11 00-0657		**Silencers** *(08 71 11 00-0464)*		
08 71 11 00-0658	EA	Replacement Of Rubber Door Silencers Note: For repair / maintenance only. This task is not to be used in conjunction with new door or frame installations.	1.74	
08 71 11 00-0659		**Bolts** *(08 71 11 00-0464)*		
08 71 11 00-0660		**Brass Surface Bolts** *(08 71 11 00-0659)*		
08 71 11 00-0661	EA	8" Length, Satin Chrome Finish, Brass Surface Bolt With Strike (Ives SB1640)	196.64	14.24
08 71 11 00-0662	EA	8" Length, Bright Brass Finish, Brass Surface Bolt With Strike (Ives SB1640)	210.66	14.24
08 71 11 00-0663	EA	8" Length, Dark Bronze Finish, Brass Surface Bolt With Strike (Ives SB1640)	210.66	14.24
08 71 11 00-0664		**Steel Surface Bolts** *(08 71 11 00-0659)*		
08 71 11 00-0665	EA	8" Length, Zinc Plated Finish, Steel Surface Bolt With Strike (Ives SB453)	88.05	14.24
08 71 11 00-0666	EA	8" Length, Bright Brass Finish, Steel Surface Bolt With Strike (Ives SB453)	88.05	14.24
08 71 11 00-0667	EA	8" Length, Satin Brass Finish, Steel Surface Bolt With Strike (Ives SB453)	88.05	14.24
08 71 11 00-0668	EA	8" Length, Satin Bronze Finish, Steel Surface Bolt With Strike (Ives SB453)	100.30	14.24
08 71 11 00-0669	EA	8" Length, Satin Chrome Finish, Steel Surface Bolt With Strike (Ives SB453)	102.06	14.24
08 71 11 00-0670	EA	8" Length, Dark Bronze Finish, Steel Surface Bolt With Strike (Ives SB453)	105.55	14.24
08 71 11 00-0671	EA	12" Length, Zinc Plated Finish, Steel Surface Bolt With Strike (Ives SB453)	103.79	14.24
08 71 11 00-0672	EA	12" Length, Satin Bronze Finish, Steel Surface Bolt With Strike (Ives SB453)	109.07	14.24
08 71 11 00-0673	EA	12" Length, Dark Bronze Finish, Steel Surface Bolt With Strike (Ives SB453)	116.07	14.24
08 71 11 00-0674	EA	12" Length, Satin Chrome Finish, Steel Surface Bolt With Strike (Ives SB453)	121.32	14.24
08 71 11 00-0675	EA	12" Length, Zinc Plated Finish, Steel Surface Bolt With Strike (Ives SB360)	191.39	14.24
08 71 11 00-0676		**Door Viewer** *(08 71 11 00-0464)*		
08 71 11 00-0677		**Brass Door Viewer** *(08 71 11 00-0676)*		
08 71 11 00-0678	EA	120 Degree Angle Of View, Satin Chrome Finish, Brass One-Way Door Viewer (Ives U700)	45.18	14.24
08 71 11 00-0679	EA	120 Degree Angle Of View, Satin Brass Finish, Brass One-Way Door Viewer (Ives U700)	45.18	14.24
08 71 11 00-0680	EA	120 Degree Angle Of View, Dark Bronze Finish, Brass One-Way Door Viewer (Ives U700)	45.18	14.24
08 71 11 00-0681	EA	150 Degree Angle Of View, Satin Chrome Finish, Brass One-Way Door Viewer (Ives U696)	53.01	14.24
08 71 11 00-0682	EA	150 Degree Angle Of View, Dark Bronze Finish, Brass One-Way Door Viewer (Ives U696)	53.01	14.24
08 71 11 00-0683	EA	150 Degree Angle Of View, Satin Brass Finish, Brass One-Way Door Viewer (Ives U696)	53.01	14.24
08 71 11 00-0684	EA	190 Degree Angle Of View, Satin Chrome Finish, Brass One-Way Wide Angle Door Viewer (Ives U698)	62.66	14.24
08 71 11 00-0685	EA	190 Degree Angle Of View, Bright Brass Finish, Brass One-Way Wide Angle Door Viewer (Ives U698)	62.66	14.24
08 71 11 00-0686		**Door Knockers** *(08 71 11 00-0464)*		
08 71 11 00-0687		**Brass Door Knockers** *(08 71 11 00-0686)*		
08 71 11 00-0688	EA	5-15/16" Length, 3" Width, Bright Brass Finish, Brass Door Knocker (Ives 3125)	69.33	14.24
08 71 11 00-0689	EA	5-15/16" Length, 3" Width, Satin Chrome Finish, Brass Door Knocker (Ives 3125)	76.76	14.24
08 71 11 00-0690	EA	5-15/16" Length, 3" Width, Bright Chrome Finish, Brass Door Knocker (Ives 3125)	76.76	14.24
08 71 11 00-0691	EA	5-15/16" Length, 3" Width, Satin Nickel Finish, Brass Door Knocker (Ives 3125)	76.76	14.24
08 71 11 00-0692	EA	8-1/2" Length, 4-1/8" Width, Bright Brass Finish, Brass Door Knocker (Ives 3107)	104.97	14.24
08 71 11 00-0693	EA	8-1/2" Length, 4-1/8" Width, Satin Nickel Finish, Brass Door Knocker (Ives 3107)	122.90	14.24
08 71 11 00-0694		**Hasps** *(08 71 11 00-0464)*		
08 71 11 00-0695	EA	3-1/4", Zinc Plated Finish, Steel Hasp Assembly	31.62	10.74
08 71 11 00-0696	EA	4-1/2", Zinc Plated Finish, Steel Hasp Assembly	33.72	11.39
08 71 11 00-0697	EA	6", Zinc Plated Finish, Steel Hasp Assembly	43.40	12.81
08 71 11 00-0698	EA	6", Zinc Plated Finish, Steel High Security Hasp Assembly	184.85	15.37
08 71 11 00-0699		**Flush Bolts** *(08 71 11 00-0464)*		
08 71 11 00-0700		**Flush Bolts For Metal Doors** *(08 71 11 00-0699)*		
08 71 11 00-0701		**Brass Flush Bolts For Metal Doors** *(08 71 11 00-0700)*		
08 71 11 00-0702		**Manual, Brass Flush Bolts For Metal Doors** *(08 71 11 00-0701)* Note: Includes brass construction with bright brass, satin brass, satin bronze, dark bronze, satin nickel, bright chrome or satin chrome finish.		
08 71 11 00-0703	EA	Top Or Bottom Bolt, Manual, Brass Flush Bolt For Metal Doors (Ives FB457/458)	67.02	14.24
08 71 11 00-0704		**Automatic, Brass Flush Bolts For Metal Doors** *(08 71 11 00-0701)* Note: Includes brass construction with bright brass, satin brass, satin bronze or dark bronze finish.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0705	EA	Top Bolt Only, Automatic, Brass Flush Bolt For Metal Doors (Ives FB31T)	140.29	14.24
08 71 11 00-0706	EA	Bottom Bolt Only, Automatic, Brass Flush Bolt For Metal Doors (Ives FB31B)	140.29	14.24
08 71 11 00-0707	EA	Top And Bottom Bolt, Automatic, Brass Flush Bolt For Metal Doors (Ives FB31P)	244.21	22.77
08 71 11 00-0708	EA	Top Bolt With Auxiliary Fire Latch, Automatic, Brass Flush Bolt For Metal Doors (Ives FB32)	251.76	19.92
08 71 11 00-0709	EA	Top Bolt With Auxiliary Fire Latch And Retrofit Plate, Automatic, Brass Flush Bolt For Metal Doors (Ives FB33)	261.62	21.35
08 71 11 00-0710		Constant Latching, Brass Flush Bolts For Metal Doors *(08 71 11 00-0701)*		
		Note: Includes brass construction with bright brass, satin brass, satin bronze or dark bronze finish.		
08 71 11 00-0711	EA	Top Bolt Only, Constant Latching, Brass Flush Bolt For Metal Doors (Ives FB51T)	166.70	14.24
08 71 11 00-0712	EA	Top And Bottom Bolt, Constant Latching, Brass Flush Bolt For Metal Doors (Ives FB51P)	310.43	22.77
08 71 11 00-0713	EA	Top Bolt With Auxiliary Fire Latch, Constant Latching, Brass Flush Bolt For Metal Doors (Ives FB52)	304.74	19.92
08 71 11 00-0714	EA	Top Bolt With Auxiliary Fire Latch And Retrofit Plate, Constant Latching, Brass Flush Bolt For Metal Doors (Ives FB53)	316.35	21.35
08 71 11 00-0715		Stainless Steel Flush Bolts For Metal Doors *(08 71 11 00-0700)*		
08 71 11 00-0716		Automatic, Stainless Steel Flush Bolts For Metal Doors *(08 71 11 00-0715)*		
		Note: Includes stainless steel construction with bright or satin finish.		
08 71 11 00-0717	EA	Top Bolt Only, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB31T)	140.29	14.24
08 71 11 00-0718	EA	Bottom Bolt Only, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB31B)	140.29	14.24
08 71 11 00-0719	EA	Top And Bottom Bolt, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB31P)	244.21	22.77
08 71 11 00-0720	EA	Top Bolt With Auxiliary Fire Latch, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB32)	251.76	19.92
08 71 11 00-0721	EA	Top Bolt With Auxiliary Fire Latch And Retrofit Plate, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB33)	261.62	21.35
08 71 11 00-0722		Constant Latching, Stainless Steel Flush Bolts For Metal Doors *(08 71 11 00-0715)*		
		Note: Includes stainless steel construction with bright or satin finish.		
08 71 11 00-0723	EA	Top Bolt Only, Constant Latching, Stainless Steel Flush Bolt For Metal Doors (Ives FB51T)	166.70	14.24
08 71 11 00-0724	EA	Top And Bottom Bolt, Constant Latching, Stainless Steel Flush Bolt For Metal Doors (Ives FB51P)	310.43	22.77
08 71 11 00-0725	EA	Top Bolt With Auxiliary Fire Latch, Constant Latching, Stainless Steel Flush Bolt For Metal Doors (Ives FB52)	304.74	19.92
08 71 11 00-0726	EA	Top Bolt With Auxiliary Fire Latch And Retrofit Plate, Constant Latching, Stainless Steel Flush Bolt For Metal Doors (Ives FB53)	316.35	21.35
08 71 11 00-0727		Flush Bolts For Wood Doors *(08 71 11 00-0699)*		
08 71 11 00-0728		Brass Flush Bolts For Wood Doors *(08 71 11 00-0727)*		
08 71 11 00-0729		Manual, Brass Flush Bolts For Wood Doors *(08 71 11 00-0728)*		
		Note: Includes brass construction with bright brass, satin brass, satin bronze, dark bronze, satin nickel, bright chrome or satin chrome finish.		
08 71 11 00-0730	EA	Top Or Bottom Bolt, Manual, Brass Flush Bolt For Wood Doors (Ives FB358)	80.13	14.24
08 71 11 00-0731		Automatic, Brass Flush Bolts For Wood Doors *(08 71 11 00-0728)*		
		Note: Includes brass construction with bright brass, satin brass, satin bronze or dark bronze finish.		
08 71 11 00-0732	EA	Top Bolt Only, Automatic, Brass Flush Bolt For Wood Doors (Ives FB41T)	175.07	14.24
08 71 11 00-0733	EA	Bottom Bolt Only, Automatic, Brass Flush Bolt For Metal Doors (Ives FB41B)	175.07	14.24
08 71 11 00-0734	EA	Top And Bottom Bolt, Automatic, Brass Flush Bolt For Wood Doors (Ives FB41P)	325.14	22.77
08 71 11 00-0735	EA	Top Bolt With Auxiliary Fire Latch, Automatic, Brass Flush Bolt For Wood Doors (Ives FB42)	319.45	19.92
08 71 11 00-0736		Constant Latching, Brass Flush Bolts For Wood Doors *(08 71 11 00-0728)*		
		Note: Includes brass construction with bright brass, satin brass, satin bronze or dark bronze finish.		
08 71 11 00-0737	EA	Top Bolt Only, Constant Latching, Brass Flush Bolt For Wood Doors (Ives FB61T)	173.71	14.24
08 71 11 00-0738	EA	Top And Bottom Bolt, Constant Latching, Brass Flush Bolt For Wood Doors (Ives FB61P)	325.14	22.77
08 71 11 00-0739	EA	Top Bolt With Auxiliary Fire Latch, Constant Latching, Brass Flush Bolt For Wood Doors (Ives FB62)	319.45	19.92
08 71 11 00-0740		Stainless Steel Flush Bolts For Wood Doors *(08 71 11 00-0727)*		
08 71 11 00-0741		Automatic, Stainless Steel Flush Bolts For Wood Doors *(08 71 11 00-0740)*		
		Note: Includes stainless steel construction with bright or satin finish.		
08 71 11 00-0742	EA	Top Bolt Only, Automatic, Stainless Steel Flush Bolt For Wood Doors (Ives FB41T)	175.07	14.24
08 71 11 00-0743	EA	Bottom Bolt Only, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB41B)	175.07	14.24
08 71 11 00-0744	EA	Top And Bottom Bolt, Automatic, Stainless Steel Flush Bolt For Wood Doors (Ives FB41P)	325.14	22.77
08 71 11 00-0745	EA	Top Bolt With Auxiliary Fire Latch, Automatic, Stainless Steel Flush Bolt For Wood Doors (Ives FB42)	319.45	19.92
08 71 11 00-0746		Constant Latching, Stainless Steel Flush Bolts For Wood Doors *(08 71 11 00-0740)*		
		Note: Includes stainless steel construction with bright or satin finish.		
08 71 11 00-0747	EA	Top Bolt Only, Constant Latching, Stainless Steel Flush Bolt For Wood Doors (Ives FB61T)	173.71	14.24
08 71 11 00-0748	EA	Top And Bottom Bolt, Constant Latching, Stainless Steel Flush Bolt For Wood Doors (Ives FB61P)	325.14	22.77
08 71 11 00-0749	EA	Top Bolt With Auxiliary Fire Latch, Constant Latching, Stainless Steel Flush Bolt For Wood Doors (Ives FB62)	319.45	19.92
08 71 11 00-0750		Dust Proof Strikes *(08 71 11 00-0699)*		
08 71 11 00-0751	EA	Satin Brass Finish, Brass Dust Proof Strike (Ives DP1)	60.26	11.39
08 71 11 00-0752	EA	Satin Chrome Finish, Brass Dust Proof Strike (Ives DP1)	60.26	11.39

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0753	EA	Bright Brass Finish, Brass Dust Proof Strike (Ives DP1)	60.26	11.39
08 71 11 00-0754	EA	Satin Bronze Finish, Brass Dust Proof Strike (Ives DP1)	60.26	11.39
08 71 11 00-0755	EA	Dark Bronze Finish, Brass Dust Proof Strike (Ives DP1)	60.26	11.39
08 71 11 00-0756	EA	Satin Bronze Finish, Brass Dust Proof Strike With Plate (Ives DP2)	70.06	11.39
08 71 11 00-0757	EA	Satin Chrome Finish, Brass Dust Proof Strike With Plate (Ives DP2)	70.06	11.39
08 71 11 00-0758	EA	Satin Brass Finish, Brass Dust Proof Strike With Plate (Ives DP2)	70.06	11.39
08 71 11 00-0759	EA	Bright Brass Finish, Brass Dust Proof Strike With Plate (Ives DP2)	70.06	11.39
08 71 11 00-0760	EA	Dark Bronze Finish, Brass Dust Proof Strike With Plate (Ives DP2)	70.06	11.39
08 71 11 00-0761		Roller Bumpers *(08 71 11 00-0464)*		
08 71 11 00-0762		Brass Roller Bumpers *(08 71 11 00-0761)*		
08 71 11 00-0763	EA	5" Length, Bright Brass Finish, Brass Offset Arm Roller Bumper (Ives RB470)	64.11	8.54
08 71 11 00-0764	EA	5" Length, Satin Chrome Finish, Brass Offset Arm Roller Bumper (Ives RB470)	75.82	8.54
08 71 11 00-0765	EA	5" Length, Bright Chrome Finish, Brass Offset Arm Roller Bumper (Ives RB470)	75.82	8.54
08 71 11 00-0766	EA	4-1/2" Length, Bright Brass Finish, Brass Straight Arm Roller Bumper (Ives RB471)	61.47	8.54
08 71 11 00-0767	EA	4-1/2" Length, Satin Chrome Finish, Brass Straight Arm Roller Bumper (Ives RB471)	70.39	8.54
08 71 11 00-0768	EA	4-1/2" Length, Bright Chrome Finish, Brass Straight Arm Roller Bumper (Ives RB471)	70.39	8.54
08 71 11 00-0769	EA	4-1/2" Length, Satin Brass Finish, Brass Straight Arm Roller Bumper (Ives RB471)	70.39	8.54
08 71 11 00-0770	EA	6" Length, Bright Brass Finish, Brass Straight Arm Roller Bumper (Ives RB472)	64.29	8.54
08 71 11 00-0771	EA	6" Length, Satin Nickel Finish, Brass Straight Arm Roller Bumper (Ives RB472)	70.60	8.54
08 71 11 00-0772	EA	6" Length, Satin Chrome Finish, Brass Straight Arm Roller Bumper (Ives RB472)	73.57	8.54
08 71 11 00-0773	EA	6" Length, Bright Chrome Finish, Brass Straight Arm Roller Bumper (Ives RB472)	73.57	8.54
08 71 11 00-0774	EA	6" Length, Satin Brass Finish, Brass Straight Arm Roller Bumper (Ives RB472)	73.57	8.54
08 71 11 00-0775	EA	6" Length, Satin Bronze Finish, Brass Straight Arm Roller Bumper (Ives RB472)	73.57	8.54
08 71 11 00-0776	EA	6" Length, Dark Bronze Finish, Brass Straight Arm Roller Bumper (Ives RB472)	73.57	8.54
08 71 11 00-0777		Other Door Trim *(08 71 11 00-0464)*		
08 71 11 00-0778		Coat And Hat Hooks *(08 71 11 00-0777)*		
08 71 11 00-0779		Aluminum Coat And Hat Hooks *(08 71 11 00-0778)*		
08 71 11 00-0780	EA	1-1/4" Height, 1-1/4" Width, Bright Brass Finish, Aluminum Wardrobe Hook (Ives 581)	20.20	8.54
08 71 11 00-0781	EA	1-1/4" Height, 1-1/4" Width, Aluminum Finish, Aluminum Wardrobe Hook (Ives 581)	20.20	8.54
08 71 11 00-0782	EA	1-1/4" Height, 1-1/4" Width, Satin Nickel Finish, Aluminum Wardrobe Hook (Ives 581)	20.41	8.54
08 71 11 00-0783	EA	1-3/4" Height, 1-1/4" Width, Satin Bronze Finish, Aluminum Coat And Hat Hook (Ives 571)	20.04	8.54
08 71 11 00-0784	EA	1-3/4" Height, 1-1/4" Width, Bright Brass Finish, Aluminum Coat And Hat Hook (Ives 571)	20.04	8.54
08 71 11 00-0785	EA	1-3/4" Height, 1-1/4" Width, Aluminum Finish, Aluminum Coat And Hat Hook (Ives 571)	20.04	8.54
08 71 11 00-0786	EA	1-3/4" Height, 1-1/4" Width, Satin Nickel Finish, Aluminum Coat And Hat Hook (Ives 571)	20.41	8.54
08 71 11 00-0787	EA	1-1/2" Height, 2-1/2" Width, Satin Brass Finish, Aluminum Coat And Hat Hook (Ives 405)	21.50	8.54
08 71 11 00-0788	EA	1-1/2" Height, 2-1/2" Width, Bright Brass Finish, Aluminum Coat And Hat Hook (Ives 405)	21.50	8.54
08 71 11 00-0789	EA	1-1/2" Height, 2-1/2" Width, Satin Bronze Finish, Aluminum Coat And Hat Hook (Ives 405)	21.50	8.54
08 71 11 00-0790	EA	1-1/2" Height, 2-1/2" Width, Dark Bronze Finish, Aluminum Coat And Hat Hook (Ives 405)	21.50	8.54
08 71 11 00-0791	EA	1-1/2" Height, 2-1/2" Width, Aluminum Finish, Aluminum Coat And Hat Hook (Ives 405)	21.50	8.54
08 71 11 00-0792		Brass Coat And Hat Hooks *(08 71 11 00-0778)*		
08 71 11 00-0793	EA	1-1/4" Height, 1-1/4" Width, Bright Brass Finish, Brass Wardrobe Hook (Ives 581)	26.14	8.54
08 71 11 00-0794	EA	1-1/4" Height, 1-1/4" Width, Satin Brass Finish, Brass Wardrobe Hook (Ives 581)	26.72	8.54
08 71 11 00-0795	EA	1-1/4" Height, 1-1/4" Width, Dark Bronze Finish, Brass Wardrobe Hook (Ives 581)	27.63	8.54
08 71 11 00-0796	EA	1-1/4" Height, 1-1/4" Width, Satin Chrome Finish, Brass Wardrobe Hook (Ives 581)	27.63	8.54
08 71 11 00-0797	EA	1-1/4" Height, 1-1/4" Width, Satin Nickel Finish, Brass Wardrobe Hook (Ives 581)	28.20	8.54
08 71 11 00-0798	EA	1-3/4" Height, 1-1/4" Width, Bright Brass Finish, Brass Coat And Hat Hook (Ives 571)	30.05	8.54
08 71 11 00-0799	EA	1-3/4" Height, 1-1/4" Width, Satin Brass Finish, Brass Coat And Hat Hook (Ives 571)	32.66	8.54
08 71 11 00-0800	EA	1-3/4" Height, 1-1/4" Width, Dark Bronze Finish, Brass Coat And Hat Hook (Ives 571)	32.66	8.54
08 71 11 00-0801	EA	1-3/4" Height, 1-1/4" Width, Satin Chrome Finish, Brass Coat And Hat Hook (Ives 571)	32.66	8.54
08 71 11 00-0802	EA	1-3/4" Height, 1-1/4" Width, Satin Nickel Finish, Brass Coat And Hat Hook (Ives 571)	33.24	8.54
08 71 11 00-0803		Letter Box Hood *(08 71 11 00-0464)*		
08 71 11 00-0804	EA	12-3/4" Wide x 3-3/16" High x 1-5/8" Deep, Letter Box Hood, Nickel Finish (Deltana MSH158) Note: Compatible with Deltana MS0030 and MS211 mail slot models.	91.66	14.24
08 71 11 00-0805		Door Plates And Pulls *(08 71 11)*		
08 71 11 00-0806		Kick Plate *(08 71 11 00-0805)* Note: Ives 8400.		
08 71 11 00-0807		Aluminum Base Material Kick Plate *(08 71 11 00-0806)*		
08 71 11 00-0808		Satin Aluminum Finish, Aluminum Kick Plate *(08 71 11 00-0807)* Note: US28		
08 71 11 00-0809	EA	8" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	63.14	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0810	EA	8" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	65.81	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0811	EA	8" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	68.42	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0812	EA	8" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	71.06	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0813	EA	8" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	76.02	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0814	EA	8" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	78.60	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0815	EA	8" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	81.25	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0816	EA	8" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	83.88	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0817	EA	8" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	88.79	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0818	EA	8" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	91.43	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0819	EA	8" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	94.04	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0820	EA	8" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	98.99	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0821	EA	8" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	101.63	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0822	EA	8" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	104.24	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0823	EA	10" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	70.42	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0824	EA	10" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	73.73	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0825	EA	10" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	76.98	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0826	EA	10" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	80.28	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0827	EA	10" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	85.88	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0828	EA	10" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	89.16	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0829	EA	10" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	92.47	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0830	EA	10" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	95.74	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0831	EA	10" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	101.32	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0832	EA	10" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	104.60	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0833	EA	10" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	107.90	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0834	EA	10" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	113.49	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0835	EA	10" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	116.74	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0836	EA	10" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	120.05	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0837	EA	12" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	77.67	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0838	EA	12" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	81.59	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0839	EA	12" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	85.59	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0840	EA	12" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	89.48	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0841	EA	12" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	95.74	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0842	EA	12" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	99.69	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0843	EA	12" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	103.63	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0844	EA	12" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	107.61	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0845	EA	12" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	113.82	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0846	EA	12" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	117.77	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0847	EA	12" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	121.74	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0848	EA	12" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	127.97	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0849	EA	12" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	131.91	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0850	EA	12" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	135.89	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0851	EA	14" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	87.15	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0852	EA	14" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	91.77	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0853	EA	14" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	96.44	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0854	EA	14" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	101.05	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0855	EA	14" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	107.90	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0856	EA	14" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	112.52	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0857	EA	14" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	117.13	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0858	EA	14" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	121.74	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0859	EA	14" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	128.63	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0860	EA	14" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	133.22	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0861	EA	14" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	137.83	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0862	EA	14" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	144.71	10.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0863	EA	14" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	149.35	10.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0864	EA	14" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	153.96	10.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0865	EA	16" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	94.44	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0866	EA	16" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	99.69	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0867	EA	16" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	105.00	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0868	EA	16" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	110.25	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0869	EA	16" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	112.52	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0870	EA	16" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	123.08	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0871	EA	16" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	128.36	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0872	EA	16" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	133.61	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0873	EA	16" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	141.14	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0874	EA	16" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	146.45	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0875	EA	16" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	151.69	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0876	EA	16" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	159.21	10.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0877	EA	16" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	164.49	10.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0878	EA	16" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	169.80	10.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0879	EA	18" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	105.85	9.11
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0880	EA	18" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	112.16	9.11
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0881	EA	18" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	118.47	9.11
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0882	EA	18" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	124.78	9.11
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0883	EA	18" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	133.33	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0884	EA	18" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	139.64	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0885	EA	18" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	145.96	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0886	EA	18" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	152.27	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0887	EA	18" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	160.86	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0888	EA	18" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	167.17	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0889	EA	18" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	173.48	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0890	EA	18" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	182.06	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0891	EA	18" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	188.37	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0892	EA	18" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	194.69	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0893	EA	20" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	115.82	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0894	EA	20" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	122.83	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0895	EA	20" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	129.84	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0896	EA	20" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	136.85	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0897	EA	20" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	146.14	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0898	EA	20" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	153.15	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0899	EA	20" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	160.16	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0900	EA	20" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	167.17	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0901	EA	20" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	176.45	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0902	EA	20" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	183.46	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0903	EA	20" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	190.47	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0904	EA	20" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	199.76	11.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0905	EA	20" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	206.77	11.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0906	EA	20" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	213.78	11.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0907	EA	22" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	123.53	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0908	EA	22" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	131.24	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0909	EA	22" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	138.95	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0910	EA	22" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	146.65	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0911	EA	22" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	156.67	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0912	EA	22" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	164.38	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0913	EA	22" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	172.09	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0914	EA	22" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	179.79	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0915	EA	22" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	189.77	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0916	EA	22" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	197.48	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0917	EA	22" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	205.19	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0918	EA	22" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	215.17	11.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0919	EA	22" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	222.88	11.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0920	EA	22" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	230.59	11.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0921	EA	24" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	131.24	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0922	EA	24" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	139.64	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0923	EA	24" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	148.08	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0924	EA	24" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	156.49	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0925	EA	24" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	167.17	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0926	EA	24" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	175.58	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0927	EA	24" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	183.98	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0928	EA	24" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	192.42	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0929	EA	24" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	203.09	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0930	EA	24" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	211.50	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0931	EA	24" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	219.90	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0932	EA	24" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	230.59	11.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0933	EA	24" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	239.02	11.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0934	EA	24" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	247.43	11.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

08 71 11 00-0935 Brass Base Material Kick Plate *(08 71 11 00-0806)*

08 71 11 00-0936 Bright/Satin Brass Finish, Brass Kick Plate *(08 71 11 00-0935)*

Note: US3/US4

08 71 11 00-0937	EA	8" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	130.42	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0938	EA	8" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	139.16	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0939	EA	8" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	147.92	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0940	EA	8" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	156.66	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0941	EA	8" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	167.69	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0942	EA	8" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	176.49	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0943	EA	8" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	185.23	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0944	EA	8" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	193.97	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0945	EA	8" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	204.98	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0946	EA	8" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	213.72	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0947	EA	8" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	222.46	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0948	EA	8" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	233.48	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0949	EA	8" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	242.28	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0950	EA	8" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	251.02	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0951	EA	10" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	154.50	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0952	EA	10" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	165.40	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0953	EA	10" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	176.37	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0954	EA	10" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	187.30	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0955	EA	10" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	200.49	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0956	EA	10" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	211.45	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0957	EA	10" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	222.41	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0958	EA	10" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	233.35	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0959	EA	10" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	246.52	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0960	EA	10" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	257.48	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0961	EA	10" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	268.44	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0962	EA	10" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	281.62	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0963	EA	10" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	292.59	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0964	EA	10" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	303.52	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0965	EA	12" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	178.50	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0966	EA	12" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	191.68	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0967	EA	12" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	204.78	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0968	EA	12" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	217.90	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0969	EA	12" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	233.35	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0970	EA	12" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	246.47	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0971	EA	12" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	259.59	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0972	EA	12" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	272.69	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0973	EA	12" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	288.14	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0974	EA	12" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	301.24	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0975	EA	12" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	314.36	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0976	EA	12" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	329.77	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0977	EA	12" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	342.86	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0978	EA	12" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	356.05	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0979	EA	14" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	204.90	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0980	EA	14" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	220.19	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0981	EA	14" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	235.51	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0982	EA	14" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	250.86	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0983	EA	14" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	268.44	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0984	EA	14" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	283.76	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0985	EA	14" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	299.05	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0986	EA	14" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	314.36	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0987	EA	14" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	331.96	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0988	EA	14" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	347.28	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0989	EA	14" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	362.56	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0990	EA	14" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	380.15	10.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0991	EA	14" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	395.50	10.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0992	EA	14" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	410.81	10.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0993	EA	16" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	290.08	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0994	EA	16" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	313.19	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0995	EA	16" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	336.24	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0996	EA	16" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	359.26	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0997	EA	16" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	384.58	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0998	EA	16" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	407.66	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0999	EA	16" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	430.75	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1000	EA	16" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	453.74	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1001	EA	16" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	479.13	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1002	EA	16" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	502.21	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1003	EA	16" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	525.26	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1004	EA	16" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	550.55	10.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1005	EA	16" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	573.60	10.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1006	EA	16" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	596.69	10.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1007	EA	18" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	321.29	9.11
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1008	EA	18" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	347.17	9.11
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1009	EA	18" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	373.02	9.11
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1010	EA	18" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	398.97	9.11
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1011	EA	18" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	427.12	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1012	EA	18" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	452.98	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1013	EA	18" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	478.92	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1014	EA	18" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	504.77	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1015	EA	18" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	533.00	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1016	EA	18" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	558.88	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1017	EA	18" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	584.73	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1018	EA	18" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	612.95	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1019	EA	18" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	638.80	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1020	EA	18" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	664.68	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1021	EA	20" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	355.20	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1022	EA	20" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	383.94	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1023	EA	20" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	412.75	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1024	EA	20" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	441.46	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1025	EA	20" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	472.55	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1026	EA	20" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	501.33	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1027	EA	20" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	530.07	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1028	EA	20" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	558.88	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1029	EA	20" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	589.87	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1030	EA	20" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	618.67	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1031	EA	20" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	647.45	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1032	EA	20" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	678.47	11.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1033	EA	20" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	707.28	11.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1034	EA	20" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	736.00	11.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1035	EA	22" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	386.87	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1036	EA	22" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	418.47	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1037	EA	22" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	450.11	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1038	EA	22" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	481.78	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1039	EA	22" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	515.70	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1040	EA	22" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	547.37	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1041	EA	22" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	579.01	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1042	EA	22" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	610.68	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1043	EA	22" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	644.56	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1044	EA	22" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	676.19	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1045	EA	22" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	707.86	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1046	EA	22" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	741.78	11.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1047	EA	22" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	773.45	11.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1048	EA	22" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	805.03	11.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1049	EA	24" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	418.47	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1050	EA	24" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	452.98	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1051	EA	24" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	487.54	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1052	EA	24" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	522.07	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1053	EA	24" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	558.88	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1054	EA	24" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	593.38	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1055	EA	24" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	627.91	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1056	EA	24" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	664.33	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1057	EA	24" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	699.21	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1058	EA	24" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	733.72	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1059	EA	24" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	768.25	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1060	EA	24" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	805.03	11.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1061	EA	24" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	839.62	11.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1062	EA	24" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	874.12	11.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1063		Satin/Dark Bronze Finish, Brass Kick Plate *(08 71 11 00-0935)* Note: US10/US10B		
08 71 11 00-1064	EA	8" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	142.18	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1065	EA	8" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	151.96	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1066	EA	8" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	161.82	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1067	EA	8" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	171.59	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1068	EA	8" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	183.75	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1069	EA	8" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	193.55	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1070	EA	8" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	203.39	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1071	EA	8" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	213.19	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1072	EA	8" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	225.23	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1073	EA	8" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	235.10	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1074	EA	8" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	244.90	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1075	EA	8" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	257.01	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1076	EA	8" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	266.82	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1077	EA	8" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	276.65	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1078	EA	10" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	169.16	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1079	EA	10" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	181.46	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1080	EA	10" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	193.70	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1081	EA	10" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	205.97	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1082	EA	10" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	220.53	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1083	EA	10" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	232.83	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1084	EA	10" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	245.07	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1085	EA	10" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	257.34	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1086	EA	10" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	271.91	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1087	EA	10" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	284.18	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1088	EA	10" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	296.41	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1089	EA	10" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	311.03	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1090	EA	10" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	323.26	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1091	EA	10" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	335.53	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1092	EA	12" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	196.16	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1093	EA	12" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	210.90	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1094	EA	12" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	225.60	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1095	EA	12" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	240.34	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1096	EA	12" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	257.34	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1097	EA	12" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	272.10	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1098	EA	12" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	286.84	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1099	EA	12" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	301.54	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1100	EA	12" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	318.55	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1101	EA	12" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	333.25	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1102	EA	12" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	347.96	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1103	EA	12" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	364.98	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1104	EA	12" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	379.74	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1105	EA	12" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	394.45	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1106	EA	14" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	225.43	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1107	EA	14" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	242.63	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1108	EA	14" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	259.80	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1109	EA	14" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	276.97	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1110	EA	14" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	296.41	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1111	EA	14" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	313.62	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1112	EA	14" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	330.79	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1113	EA	14" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	347.96	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1114	EA	14" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	367.44	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1115	EA	14" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	384.61	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1116	EA	14" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	401.79	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1117	EA	14" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	421.26	10.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1118	EA	14" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	438.49	10.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1119	EA	14" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	455.66	10.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1120	EA	16" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	319.48	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1121	EA	16" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	345.23	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1122	EA	16" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	370.96	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1123	EA	16" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	396.69	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1124	EA	16" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	424.68	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1125	EA	16" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	450.41	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1126	EA	16" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	476.17	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1127	EA	16" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	501.90	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1128	EA	16" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	529.90	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1129	EA	16" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	555.63	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1130	EA	16" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	581.36	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1131	EA	16" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	609.35	10.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1132	EA	16" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	635.08	10.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1133	EA	16" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	660.81	10.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1134	EA	18" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	353.94	9.11
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1135	EA	18" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	382.83	9.11
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1136	EA	18" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	411.67	9.11
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1137	EA	18" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	440.56	9.11
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1138	EA	18" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	471.66	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1139	EA	18" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	500.52	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1140	EA	18" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	529.39	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1141	EA	18" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	558.25	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1142	EA	18" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	589.36	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1143	EA	18" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	618.26	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1144	EA	18" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	647.15	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1145	EA	18" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	678.25	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1146	EA	18" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	707.15	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1147	EA	18" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	735.98	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1148	EA	20" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	391.47	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1149	EA	20" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	423.59	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1150	EA	20" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	455.62	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1151	EA	20" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	487.74	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1152	EA	20" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	522.05	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1153	EA	20" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	554.11	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1154	EA	20" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	586.20	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1155	EA	20" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	618.26	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1156	EA	20" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	652.65	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1157	EA	20" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	684.68	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1158	EA	20" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	716.74	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1159	EA	20" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	751.11	11.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1160	EA	20" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	783.17	11.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1161	EA	20" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	815.26	11.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1162	EA	22" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	426.75	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1163	EA	22" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	462.07	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1164	EA	22" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	497.33	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1165	EA	22" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	532.58	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1166	EA	22" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	570.18	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1167	EA	22" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	605.44	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1168	EA	22" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	640.73	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1169	EA	22" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	675.98	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1170	EA	22" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	713.57	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1171	EA	22" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	748.83	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1172	EA	22" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	784.11	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1173	EA	22" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	821.65	11.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1174	EA	22" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	856.91	11.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1175	EA	22" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	892.22	11.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1176	EA	24" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	462.07	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1177	EA	24" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	500.52	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1178	EA	24" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	539.01	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1179	EA	24" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	577.49	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1180	EA	24" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	618.26	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1181	EA	24" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	656.74	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1182	EA	24" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	695.28	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1183	EA	24" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	733.71	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1184	EA	24" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	774.46	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1185	EA	24" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	812.98	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1186	EA	24" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	851.46	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1187	EA	24" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	892.22	11.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1188	EA	24" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	930.71	11.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1189	EA	24" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	969.19	11.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

08 71 11 00-1190 Stainless Base Material Kick Plate *(08 71 11 00-0806)*

08 71 11 00-1191 Bright/Satin Chrome Finish, Stainless Kick Plate *(08 71 11 00-1190)*

Note: US26/US26D

08 71 11 00-1192	EA	8" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	140.54	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1193	EA	8" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	150.22	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1194	EA	8" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	159.89	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1195	EA	8" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	169.56	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1196	EA	8" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	181.53	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1197	EA	8" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	191.17	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1198	EA	8" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	200.85	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1199	EA	8" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	210.52	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1200	EA	8" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	222.46	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1201	EA	8" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	232.17	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1202	EA	8" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	241.84	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1203	EA	8" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	253.80	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1204	EA	8" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	263.47	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1205	EA	8" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	273.14	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1206	EA	10" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	167.15	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1207	EA	10" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	179.24	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1208	EA	10" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	191.32	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1209	EA	10" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	203.41	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1210	EA	10" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	217.81	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1211	EA	10" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	229.90	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1212	EA	10" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	241.98	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1213	EA	10" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	254.07	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1214	EA	10" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	268.42	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1215	EA	10" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	280.51	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1216	EA	10" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	292.59	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1217	EA	10" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	306.96	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1218	EA	10" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	319.04	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1219	EA	10" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	331.13	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1220	EA	12" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	193.73	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1221	EA	12" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	208.23	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1222	EA	12" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	222.79	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1223	EA	12" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	237.28	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1224	EA	12" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	254.07	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1225	EA	12" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	268.59	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1226	EA	12" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	283.09	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1227	EA	12" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	297.58	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1228	EA	12" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	314.35	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1229	EA	12" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	328.85	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1230	EA	12" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	343.37	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1231	EA	12" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	360.15	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1232	EA	12" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	374.70	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1233	EA	12" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	389.20	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1234	EA	14" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	222.60	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1235	EA	14" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	239.57	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1236	EA	14" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	256.51	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1237	EA	14" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	273.41	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1238	EA	14" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	292.59	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1239	EA	14" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	309.53	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1240	EA	14" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	326.43	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1241	EA	14" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	343.37	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1242	EA	14" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	362.62	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1243	EA	14" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	379.53	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1244	EA	14" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	396.43	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1245	EA	14" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	385.12	10.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1246	EA	14" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	432.54	10.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1247	EA	14" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	449.48	10.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1248	EA	16" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	320.14	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1249	EA	16" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	345.95	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1250	EA	16" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	371.74	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1251	EA	16" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	397.53	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1252	EA	16" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	425.58	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1253	EA	16" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	451.37	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1254	EA	16" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	477.19	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1255	EA	16" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	502.98	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1256	EA	16" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	531.04	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1257	EA	16" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	556.83	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1258	EA	16" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	582.62	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1259	EA	16" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	610.67	10.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1260	EA	16" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	636.46	10.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1261	EA	16" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	662.25	10.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1262	EA	18" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	354.68	9.11
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1263	EA	18" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	383.64	9.11
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1264	EA	18" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	412.54	9.11
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1265	EA	18" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	441.50	9.11
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1266	EA	18" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	472.67	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1267	EA	18" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	501.60	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1268	EA	18" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	530.53	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1269	EA	18" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	559.46	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1270	EA	18" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	590.64	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1271	EA	18" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	619.60	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1272	EA	18" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	648.56	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1273	EA	18" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	679.73	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1274	EA	18" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	708.69	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1275	EA	18" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	737.59	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1276	EA	20" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	392.29	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1277	EA	20" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	424.49	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1278	EA	20" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	456.59	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1279	EA	20" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	488.78	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1280	EA	20" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	523.17	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1281	EA	20" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	555.30	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1282	EA	20" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	587.47	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1283	EA	20" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	619.60	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1284	EA	20" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	654.07	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1285	EA	20" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	686.17	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1286	EA	20" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	718.31	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1287	EA	20" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	752.75	11.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1288	EA	20" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	784.89	11.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1289	EA	20" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	817.05	11.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1290	EA	22" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	427.66	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1291	EA	22" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	463.06	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1292	EA	22" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	498.40	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1293	EA	22" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	533.74	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1294	EA	22" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	571.42	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1295	EA	22" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	606.75	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1296	EA	22" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	642.12	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1297	EA	22" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	677.46	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1298	EA	22" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	715.13	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1299	EA	22" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	750.47	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1300	EA	22" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	785.84	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1301	EA	22" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	823.46	11.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1302	EA	22" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	858.80	11.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1303	EA	22" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	894.20	11.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1304	EA	24" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	463.06	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1305	EA	24" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	501.60	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1306	EA	24" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	540.18	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1307	EA	24" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	578.75	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1308	EA	24" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	619.60	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1309	EA	24" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	658.18	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1310	EA	24" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	696.81	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1311	EA	24" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	735.32	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1312	EA	24" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	776.17	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1313	EA	24" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	814.77	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1314	EA	24" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	853.34	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1315	EA	24" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	894.20	11.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1316	EA	24" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	932.77	11.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1317	EA	24" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	971.34	11.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

08 71 11 00-1318 Satin Stainless Finish, Stainless Kick Plate *(08 71 11 00-1190)*

Note: US32D

08 71 11 00-1319	EA	8" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	67.27	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1320	EA	8" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	70.32	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1321	EA	8" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	73.28	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1322	EA	8" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	76.37	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1323	EA	8" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	81.65	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1324	EA	8" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	84.61	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1325	EA	8" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	87.69	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1326	EA	8" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	90.68	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1327	EA	8" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	95.97	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1328	EA	8" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	98.99	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1329	EA	8" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	101.98	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1330	EA	8" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	107.28	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1331	EA	8" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	110.31	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1332	EA	8" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	113.30	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1333	EA	10" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	75.56	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1334	EA	10" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	79.36	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1335	EA	10" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	83.13	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1336	EA	10" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	86.86	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1337	EA	10" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	92.95	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1338	EA	10" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	96.72	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1339	EA	10" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	100.46	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1340	EA	10" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	104.20	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1341	EA	10" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	110.30	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1342	EA	10" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	114.04	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1343	EA	10" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	117.78	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1344	EA	10" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	123.86	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1345	EA	10" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	127.63	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1346	EA	10" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	131.36	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1347	EA	12" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	83.87	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1348	EA	12" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	88.39	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1349	EA	12" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	92.91	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1350	EA	12" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	97.42	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1351	EA	12" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	104.20	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1352	EA	12" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	108.75	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1353	EA	12" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	113.23	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1354	EA	12" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	117.78	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1355	EA	12" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	124.54	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1356	EA	12" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	129.08	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1357	EA	12" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	133.63	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1358	EA	12" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	140.40	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1359	EA	12" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	144.94	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1360	EA	12" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	149.43	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1361	EA	14" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	94.45	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1362	EA	14" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	99.71	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1363	EA	14" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	105.01	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1364	EA	14" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	110.27	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1365	EA	14" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	117.78	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1366	EA	14" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	123.07	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1367	EA	14" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	128.34	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1368	EA	14" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	133.63	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1369	EA	14" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	141.21	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1370	EA	14" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	146.41	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1371	EA	14" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	151.70	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1372	EA	14" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	159.27	10.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1373	EA	14" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	164.53	10.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1374	EA	14" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	169.83	10.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1375	EA	16" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	107.07	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1376	EA	16" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	113.80	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1377	EA	16" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	120.26	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1378	EA	16" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	126.69	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1379	EA	16" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	135.40	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1380	EA	16" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	141.86	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1381	EA	16" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	148.32	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1382	EA	16" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	154.75	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1383	EA	16" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	163.46	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1384	EA	16" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	169.95	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1385	EA	16" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	176.41	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1386	EA	16" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	185.65	10.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1387	EA	16" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	191.54	10.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1388	EA	16" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	198.00	10.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1389	EA	18" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	114.43	9.11
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1390	EA	18" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	121.55	9.11
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1391	EA	18" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	128.61	9.11
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1392	EA	18" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	135.70	9.11
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1393	EA	18" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	145.09	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1394	EA	18" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	152.15	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1395	EA	18" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	159.24	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1396	EA	18" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	166.29	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1397	EA	18" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	175.69	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1398	EA	18" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	182.78	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1399	EA	18" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	189.84	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1400	EA	18" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	199.23	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1401	EA	18" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	206.35	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1402	EA	18" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	213.41	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1403	EA	20" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	125.38	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1404	EA	20" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	133.24	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1405	EA	20" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	141.14	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1406	EA	20" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	148.98	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1407	EA	20" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	159.15	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1408	EA	20" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	167.05	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1409	EA	20" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	174.89	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1410	EA	20" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	182.78	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1411	EA	20" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	192.92	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1412	EA	20" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	200.82	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1413	EA	20" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	208.71	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1414	EA	20" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	218.83	11.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1415	EA	20" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	226.73	11.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1416	EA	20" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	234.59	11.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1417	EA	22" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	134.02	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1418	EA	22" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	142.72	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1419	EA	22" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	151.34	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1420	EA	22" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	160.04	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1421	EA	22" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	170.94	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1422	EA	22" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	179.64	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1423	EA	22" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	188.29	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1424	EA	22" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	196.96	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1425	EA	22" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	207.88	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1426	EA	22" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	216.55	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1427	EA	22" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	225.25	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1428	EA	22" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	236.15	11.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1429	EA	22" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	244.85	11.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1430	EA	22" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	253.47	11.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1431	EA	24" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	142.72	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1432	EA	24" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	152.15	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1433	EA	24" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	161.63	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1434	EA	24" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	171.05	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1435	EA	24" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	182.78	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1436	EA	24" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	192.24	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1437	EA	24" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	201.69	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1438	EA	24" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	211.14	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1439	EA	24" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	222.86	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1440	EA	24" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	232.31	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1441	EA	24" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	241.77	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1442	EA	24" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	253.47	11.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1443	EA	24" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	262.95	11.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1444	EA	24" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	272.43	11.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

08 71 11 00-1445 Bright Stainless Finish, Stainless Kick Plate *(08 71 11 00-1190)*

Note: US32

08 71 11 00-1446	EA	8" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	112.10	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1447	EA	8" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	119.22	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1448	EA	8" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	126.28	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1449	EA	8" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	133.37	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1450	EA	8" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	142.72	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1451	EA	8" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	149.84	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1452	EA	8" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	156.89	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1453	EA	8" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	164.01	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1454	EA	8" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	173.31	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1455	EA	8" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	180.43	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1456	EA	8" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	187.55	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1457	EA	8" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	196.89	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1458	EA	8" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	203.98	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1459	EA	8" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	211.03	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1460	EA	10" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	131.60	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1461	EA	10" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	140.43	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1462	EA	10" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	149.32	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1463	EA	10" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	158.18	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1464	EA	10" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	169.30	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1465	EA	10" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	178.16	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1466	EA	10" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	187.05	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1467	EA	10" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	195.91	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1468	EA	10" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	207.01	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1469	EA	10" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	215.87	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1470	EA	10" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	224.76	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1471	EA	10" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	235.84	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1472	EA	10" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	244.73	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1473	EA	10" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	253.59	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1474	EA	12" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	151.06	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1475	EA	12" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	161.72	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1476	EA	12" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	172.36	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1477	EA	12" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	182.99	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1478	EA	12" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	195.91	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1479	EA	12" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	206.48	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1480	EA	12" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	217.15	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1481	EA	12" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	227.78	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1482	EA	12" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	240.68	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1483	EA	12" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	251.31	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1484	EA	12" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	261.92	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1485	EA	12" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	274.86	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1486	EA	12" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	285.46	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1487	EA	12" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	296.10	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1488	EA	14" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	172.87	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1489	EA	14" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	185.28	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1490	EA	14" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	197.68	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1491	EA	14" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	210.09	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1492	EA	14" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	224.76	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1493	EA	14" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	237.14	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1494	EA	14" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	249.54	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1495	EA	14" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	261.92	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1496	EA	14" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	276.63	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1497	EA	14" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	289.04	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1498	EA	14" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	301.44	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1499	EA	14" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	316.12	10.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1500	EA	14" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	328.46	10.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1501	EA	14" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	340.87	10.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1502	EA	16" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	192.34	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1503	EA	16" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	206.48	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1504	EA	16" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	220.72	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1505	EA	16" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	234.87	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1506	EA	16" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	251.31	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1507	EA	16" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	265.49	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1508	EA	16" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	279.64	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1509	EA	16" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	293.82	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1510	EA	16" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	310.27	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1511	EA	16" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	324.42	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1512	EA	16" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	338.60	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1513	EA	16" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	355.04	10.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1514	EA	16" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	369.25	10.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1515	EA	16" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	383.43	10.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1516	EA	18" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	213.91	9.11
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1517	EA	18" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	230.10	9.11
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1518	EA	18" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	246.17	9.11
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1519	EA	18" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	262.37	9.11
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1520	EA	18" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	280.77	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1521	EA	18" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	296.84	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1522	EA	18" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	313.03	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1523	EA	18" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	338.33	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1524	EA	18" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	347.58	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1525	EA	18" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	363.71	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1526	EA	18" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	379.84	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1527	EA	18" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	398.25	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1528	EA	18" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	414.38	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1529	EA	18" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	430.51	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1530	EA	20" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	235.95	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1531	EA	20" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	253.85	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1532	EA	20" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	271.79	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1533	EA	20" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	289.69	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1534	EA	20" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	309.91	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1535	EA	20" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	327.87	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1536	EA	20" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	345.75	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1537	EA	20" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	363.71	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1538	EA	20" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	383.86	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1539	EA	20" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	401.82	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1540	EA	20" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	419.76	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1541	EA	20" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	439.94	11.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1542	EA	20" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	457.88	11.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1543	EA	20" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	475.78	11.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1544	EA	22" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	255.65	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1545	EA	22" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	275.36	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1546	EA	22" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	295.07	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1547	EA	22" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	314.78	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1548	EA	22" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	336.79	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1549	EA	22" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	356.53	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1550	EA	22" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	376.27	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1551	EA	22" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	395.98	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1552	EA	22" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	417.95	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1553	EA	22" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	437.66	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1554	EA	22" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	457.37	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1555	EA	22" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	479.36	11.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1556	EA	22" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	499.12	11.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1557	EA	22" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	518.83	11.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1558	EA	24" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	275.36	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1559	EA	24" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	296.84	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1560	EA	24" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	318.38	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1561	EA	24" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	339.89	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1562	EA	24" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	363.71	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1563	EA	24" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	385.19	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1564	EA	24" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	406.70	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1565	EA	24" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	428.24	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1566	EA	24" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	452.02	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1567	EA	24" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	473.50	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1568	EA	24" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	495.04	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1569	EA	24" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	518.83	11.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1570	EA	24" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	540.37	11.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1571	EA	24" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	561.85	11.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1572		Satin Nickel Finish, Stainless Kick Plate *(08 71 11 00-1190)*		
		Note: US15		
08 71 11 00-1573	EA	8" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	144.49	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1574	EA	8" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	154.47	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1575	EA	8" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	164.55	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1576	EA	8" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	174.53	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1577	EA	8" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	186.90	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1578	EA	8" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	196.91	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1579	EA	8" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	206.95	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1580	EA	8" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	216.97	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1581	EA	8" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	229.22	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1582	EA	8" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	239.30	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1583	EA	8" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	249.31	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1584	EA	8" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	261.63	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1585	EA	8" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	271.65	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1586	EA	8" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	281.69	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1587	EA	10" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	172.04	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1588	EA	10" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	184.61	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1589	EA	10" x 26", 0.050" Thick, Satin Nickel Finish, StainlessKick Plate	197.11	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1590	EA	10" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	209.64	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1591	EA	10" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	224.46	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1592	EA	10" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	237.03	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1593	EA	10" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	249.53	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1594	EA	10" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	262.06	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1595	EA	10" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	276.89	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1596	EA	10" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	289.42	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1597	EA	10" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	301.92	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1598	EA	10" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	316.80	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1599	EA	10" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	329.30	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1600	EA	10" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	341.83	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1601	EA	12" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	199.63	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1602	EA	12" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	214.68	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1603	EA	12" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	229.70	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1604	EA	12" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	244.75	8.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1605	EA	12" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	262.06	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1606	EA	12" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	277.14	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1607	EA	12" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	292.19	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1608	EA	12" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	307.21	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1609	EA	12" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	324.53	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1610	EA	12" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	339.55	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1611	EA	12" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	354.57	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1612	EA	12" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	371.90	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1613	EA	12" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	386.99	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1614	EA	12" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	402.01	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1615	EA	14" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	229.47	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1616	EA	14" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	247.04	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1617	EA	14" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	264.58	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1618	EA	14" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	282.12	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1619	EA	14" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	301.92	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1620	EA	14" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	319.49	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1621	EA	14" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	337.03	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1622	EA	14" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	354.57	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1623	EA	14" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	374.42	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1624	EA	14" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	391.96	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1625	EA	14" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	409.50	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1626	EA	14" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	429.34	10.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1627	EA	14" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	446.94	10.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1628	EA	14" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	464.48	10.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1629	EA	16" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	325.53	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1630	EA	16" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	351.84	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1631	EA	16" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	378.11	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1632	EA	16" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	404.39	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1633	EA	16" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	432.94	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1634	EA	16" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	459.21	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1635	EA	16" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	485.52	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1636	EA	16" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	511.80	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1637	EA	16" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	540.36	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1638	EA	16" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	566.63	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1639	EA	16" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	592.91	10.25
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1640	EA	16" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	621.46	10.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1641	EA	16" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	647.73	10.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1642	EA	16" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	674.01	10.82
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1643	EA	18" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	360.73	9.11
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1644	EA	18" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	390.24	9.11
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1645	EA	18" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	419.69	9.11
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1646	EA	18" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	449.20	9.11
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1647	EA	18" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	480.92	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1648	EA	18" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	510.40	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1649	EA	18" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	539.88	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1650	EA	18" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	569.36	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1651	EA	18" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	601.09	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1652	EA	18" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	630.60	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1653	EA	18" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	660.11	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1654	EA	18" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	691.83	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1655	EA	18" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	721.34	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1656	EA	18" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	750.79	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1657	EA	20" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	399.01	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1658	EA	20" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	431.82	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1659	EA	20" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	464.53	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1660	EA	20" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	497.34	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1661	EA	20" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	532.33	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1662	EA	20" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	565.08	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1663	EA	20" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	597.85	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1664	EA	20" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	630.60	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1665	EA	20" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	665.68	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1666	EA	20" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	698.39	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1667	EA	20" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	731.14	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1668	EA	20" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	766.19	11.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1669	EA	20" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	798.94	11.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1670	EA	20" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	831.71	11.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1671	EA	22" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	435.05	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1672	EA	22" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	471.12	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1673	EA	22" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	507.13	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1674	EA	22" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	543.14	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1675	EA	22" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	581.50	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1676	EA	22" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	617.51	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1677	EA	22" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	653.55	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1678	EA	22" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	689.56	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1679	EA	22" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	727.90	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1680	EA	22" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	763.91	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1681	EA	22" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	799.95	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1682	EA	22" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	838.24	11.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1683	EA	22" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	874.25	11.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1684	EA	22" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	910.33	11.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1685	EA	24" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	471.12	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1686	EA	24" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	510.40	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1687	EA	24" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	549.71	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1688	EA	24" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	589.01	9.68
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1689	EA	24" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	630.60	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1690	EA	24" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	669.91	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1691	EA	24" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	709.27	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1692	EA	24" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	748.52	10.25
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1693	EA	24" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	790.10	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1694	EA	24" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	829.43	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1695	EA	24" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	868.74	10.82
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1696	EA	24" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	910.33	11.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1697	EA	24" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	949.63	11.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1698	EA	24" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	988.94	11.39
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

08 71 11 00-1699 Plastic Kick Plate *(08 71 11 00-0806)*

08 71 11 00-1700 Clear Or Black Finish, Plastic Kick Plate *(08 71 11 00-1699)*

Note: With four beveled edges.

08 71 11 00-1701	EA	8" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	58.68	8.54
08 71 11 00-1702	EA	8" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	60.87	8.54
08 71 11 00-1703	EA	8" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	63.14	8.54
08 71 11 00-1704	EA	8" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	65.36	8.54
08 71 11 00-1705	EA	8" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	69.90	9.11
08 71 11 00-1706	EA	8" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	72.12	9.11
08 71 11 00-1707	EA	8" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	74.31	9.11
08 71 11 00-1708	EA	8" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	76.58	9.11
08 71 11 00-1709	EA	8" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	83.78	9.68
08 71 11 00-1710	EA	8" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	83.26	9.68
08 71 11 00-1711	EA	8" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	85.53	9.68
08 71 11 00-1712	EA	8" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	90.03	10.25
08 71 11 00-1713	EA	8" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	92.28	10.25
08 71 11 00-1714	EA	8" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	94.50	10.25
08 71 11 00-1715	EA	10" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	64.79	8.54
08 71 11 00-1716	EA	10" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	67.61	8.54
08 71 11 00-1717	EA	10" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	70.37	8.54
08 71 11 00-1718	EA	10" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	73.13	8.54
08 71 11 00-1719	EA	10" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	78.23	9.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1720	EA	10" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	80.99	9.11
08 71 11 00-1721	EA	10" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	83.81	9.11
08 71 11 00-1722	EA	10" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	86.57	9.11
08 71 11 00-1723	EA	10" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	91.65	9.68
08 71 11 00-1724	EA	10" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	94.41	9.68
08 71 11 00-1725	EA	10" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	97.22	9.68
08 71 11 00-1726	EA	10" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	102.27	10.25
08 71 11 00-1727	EA	10" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	105.08	10.25
08 71 11 00-1728	EA	10" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	107.84	10.25
08 71 11 00-1729	EA	12" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	70.94	8.54
08 71 11 00-1730	EA	12" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	74.29	8.54
08 71 11 00-1731	EA	12" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	77.59	8.54
08 71 11 00-1732	EA	12" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	80.97	8.54
08 71 11 00-1733	EA	12" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	86.57	9.11
08 71 11 00-1734	EA	12" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	89.95	9.11
08 71 11 00-1735	EA	12" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	93.30	9.11
08 71 11 00-1736	EA	12" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	96.63	9.11
08 71 11 00-1737	EA	12" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	102.20	9.68
08 71 11 00-1738	EA	12" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	105.56	9.68
08 71 11 00-1739	EA	12" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	108.94	9.68
08 71 11 00-1740	EA	12" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	114.52	10.25
08 71 11 00-1741	EA	12" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	117.91	10.25
08 71 11 00-1742	EA	12" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	121.21	10.25
08 71 11 00-1743	EA	14" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	79.34	9.11
08 71 11 00-1744	EA	14" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	83.26	9.11
08 71 11 00-1745	EA	14" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	87.13	9.11
08 71 11 00-1746	EA	14" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	91.06	9.11
08 71 11 00-1747	EA	14" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	97.22	9.68
08 71 11 00-1748	EA	14" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	101.09	9.68
08 71 11 00-1749	EA	14" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	105.02	9.68
08 71 11 00-1750	EA	14" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	108.94	9.68
08 71 11 00-1751	EA	14" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	115.09	10.25
08 71 11 00-1752	EA	14" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	119.02	10.25
08 71 11 00-1753	EA	14" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	122.91	10.25
08 71 11 00-1754	EA	14" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	129.05	10.82
08 71 11 00-1755	EA	14" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	132.98	10.82
08 71 11 00-1756	EA	14" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	136.85	10.82
08 71 11 00-1757	EA	16" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	92.82	9.11
08 71 11 00-1758	EA	16" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	97.96	9.11
08 71 11 00-1759	EA	16" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	103.02	9.11
08 71 11 00-1760	EA	16" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	108.16	9.11
08 71 11 00-1761	EA	16" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	115.57	9.68
08 71 11 00-1762	EA	16" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	120.69	9.68
08 71 11 00-1763	EA	16" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	125.83	9.68
08 71 11 00-1764	EA	16" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	130.92	9.68
08 71 11 00-1765	EA	16" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	138.34	10.25
08 71 11 00-1766	EA	16" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	143.45	10.25
08 71 11 00-1767	EA	16" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	148.59	10.25
08 71 11 00-1768	EA	16" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	156.00	10.82
08 71 11 00-1769	EA	16" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	161.06	10.82
08 71 11 00-1770	EA	16" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	166.21	10.82
08 71 11 00-1771	EA	18" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	99.83	9.11
08 71 11 00-1772	EA	18" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	105.62	9.11
08 71 11 00-1773	EA	18" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	111.35	9.11
08 71 11 00-1774	EA	18" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	117.14	9.11
08 71 11 00-1775	EA	18" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	253.09	9.68
08 71 11 00-1776	EA	18" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	130.92	9.68
08 71 11 00-1777	EA	18" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	136.71	9.68
08 71 11 00-1778	EA	18" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	142.44	9.68
08 71 11 00-1779	EA	18" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	150.51	10.25
08 71 11 00-1780	EA	18" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	156.28	10.25
08 71 11 00-1781	EA	18" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	162.02	10.25
08 71 11 00-1782	EA	18" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	170.08	10.82
08 71 11 00-1783	EA	18" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	175.81	10.82
08 71 11 00-1784	EA	18" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	181.60	10.82
08 71 11 00-1785	EA	20" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	109.16	9.68
08 71 11 00-1786	EA	20" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	115.57	9.68
08 71 11 00-1787	EA	20" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	121.96	9.68
08 71 11 00-1788	EA	20" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	128.37	9.68
08 71 11 00-1789	EA	20" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	137.07	10.25
08 71 11 00-1790	EA	20" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	143.45	10.25
08 71 11 00-1791	EA	20" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	149.86	10.25
08 71 11 00-1792	EA	20" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	156.28	10.25
08 71 11 00-1793	EA	20" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	164.93	10.82
08 71 11 00-1794	EA	20" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	171.35	10.82
08 71 11 00-1795	EA	20" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	177.73	10.82
08 71 11 00-1796	EA	20" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	186.43	11.39
08 71 11 00-1797	EA	20" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	192.84	11.39
08 71 11 00-1798	EA	20" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	199.23	11.39
08 71 11 00-1799	EA	22" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	116.22	9.68
08 71 11 00-1800	EA	22" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	123.23	9.68

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1801	EA	22" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	130.29	9.68
08 71 11 00-1802	EA	22" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	137.30	9.68
08 71 11 00-1803	EA	22" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	146.67	10.25
08 71 11 00-1804	EA	22" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	153.73	10.25
08 71 11 00-1805	EA	22" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	160.74	10.25
08 71 11 00-1806	EA	22" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	167.81	10.25
08 71 11 00-1807	EA	22" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	177.08	10.82
08 71 11 00-1808	EA	22" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	184.15	10.82
08 71 11 00-1809	EA	22" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	191.21	10.82
08 71 11 00-1810	EA	22" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	200.50	11.39
08 71 11 00-1811	EA	22" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	207.56	11.39
08 71 11 00-1812	EA	22" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	214.57	11.39
08 71 11 00-1813	EA	24" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	123.23	9.68
08 71 11 00-1814	EA	24" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	130.92	9.68
08 71 11 00-1815	EA	24" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	138.63	9.68
08 71 11 00-1816	EA	24" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	146.31	9.68
08 71 11 00-1817	EA	24" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	156.28	10.25
08 71 11 00-1818	EA	24" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	163.94	10.25
08 71 11 00-1819	EA	24" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	171.62	10.25
08 71 11 00-1820	EA	24" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	179.33	10.25
08 71 11 00-1821	EA	24" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	189.29	10.82
08 71 11 00-1822	EA	24" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	196.95	10.82
08 71 11 00-1823	EA	24" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	204.63	10.82
08 71 11 00-1824	EA	24" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	214.57	11.39
08 71 11 00-1825	EA	24" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	222.31	11.39
08 71 11 00-1826	EA	24" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	229.99	11.39

08 71 11 00-1827 Mop Plate *(08 71 11 00-0805)*
Note: Ives 8400. See CSI section 08 71 11 00-0805 for 8" High Plates.

08 71 11 00-1828 Aluminum Base Material Mop Plate *(08 71 11 00-1827)*

08 71 11 00-1829 Satin Aluminum Finish, Aluminum Mop Plate *(08 71 11 00-1828)*
Note: US28

08 71 11 00-1830	EA	4" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	50.43	8.32
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1831	EA	4" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	52.03	8.32
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1832	EA	4" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	53.56	8.32
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1833	EA	4" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	55.16	8.32
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1834	EA	4" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	58.12	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1835	EA	4" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	59.65	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1836	EA	4" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	61.25	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1837	EA	4" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	62.79	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1838	EA	4" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	66.33	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1839	EA	4" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	67.90	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1840	EA	4" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	69.47	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1841	EA	4" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	73.30	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1842	EA	4" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	74.90	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1843	EA	4" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	76.44	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1844	EA	6" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	59.08	8.32
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1845	EA	6" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	61.43	8.32
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1846	EA	6" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	63.81	8.32
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1847	EA	6" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	66.16	8.32
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1848	EA	6" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	69.90	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1849	EA	6" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	72.22	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1850	EA	6" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	74.63	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1851	EA	6" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	76.94	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1852	EA	6" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	81.27	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1853	EA	6" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	83.62	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1854	EA	6" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	86.00	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1855	EA	6" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	90.62	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1856	EA	6" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	93.00	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1857	EA	6" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	95.32	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

08 71 11 00-1858 Brass Base Material Mop Plate *(08 71 11 00-1827)*

08 71 11 00-1859 Bright/Satin Brass Finish, Brass Mop Plate *(08 71 11 00-1858)*

Note: US3/US4

08 71 11 00-1860	EA	4" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	83.98	8.32
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1861	EA	4" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	88.66	8.32
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1862	EA	4" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	93.27	8.32
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1863	EA	4" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	97.91	8.32
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1864	EA	4" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	103.88	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1865	EA	4" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	108.49	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1866	EA	4" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	113.13	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1867	EA	4" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	117.74	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1868	EA	4" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	124.34	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1869	EA	4" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	128.95	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1870	EA	4" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	133.56	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1871	EA	4" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	140.47	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1872	EA	4" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	145.08	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1873	EA	4" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	149.75	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1874	EA	6" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	109.47	8.32
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1875	EA	6" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	116.38	8.32
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1876	EA	6" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	123.33	8.32
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1877	EA	6" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	130.25	8.32
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1878	EA	6" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	138.56	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1879	EA	6" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	145.53	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1880	EA	6" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	152.42	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1881	EA	6" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	159.40	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1882	EA	6" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	168.23	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1883	EA	6" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	175.21	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1884	EA	6" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	182.16	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1885	EA	6" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	191.35	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1886	EA	6" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	198.29	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1887	EA	6" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	205.21	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

08 71 11 00-1888 Satin/Dark Bronze Finish, Brass Mop Plate *(08 71 11 00-1858)*

Note: US10/US10B

08 71 11 00-1889	EA	4" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	89.99	8.32
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1890	EA	4" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	95.14	8.32
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1891	EA	4" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	100.32	8.32
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1892	EA	4" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	105.48	8.32
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1893	EA	4" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	112.02	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1894	EA	4" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	117.20	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1895	EA	4" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	122.38	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1896	EA	4" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	127.56	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1897	EA	4" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	134.64	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1898	EA	4" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	139.82	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1899	EA	4" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	145.00	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1900	EA	4" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	152.45	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1901	EA	4" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	157.63	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1902	EA	4" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	162.76	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1903	EA	6" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	118.40	8.32
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1904	EA	6" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	126.20	8.32
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1905	EA	6" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	133.95	8.32
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1906	EA	6" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	156.78	8.32
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1907	EA	6" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	150.79	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1908	EA	6" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	158.54	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1909	EA	6" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	166.28	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1910	EA	6" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	174.02	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1911	EA	6" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	183.77	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1912	EA	6" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	191.52	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1913	EA	6" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	199.26	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1914	EA	6" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	209.27	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1915	EA	6" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	217.02	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1916	EA	6" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	224.76	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

08 71 11 00-1917 Stainless Base Material Mop Plate *(08 71 11 00-1827)*

08 71 11 00-1918 Bright/Satin Chrome Finish, Stainless Mop Plate *(08 71 11 00-1917)*

Note: US26/US26D

08 71 11 00-1919	EA	4" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	89.09	8.32
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1920	EA	4" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	94.15	8.32
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1921	EA	4" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	99.24	8.32
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1922	EA	4" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	104.33	8.32
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1923	EA	4" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	110.75	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1924	EA	4" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	115.84	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1925	EA	4" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	120.93	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1926	EA	4" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	125.99	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1927	EA	4" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	133.04	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1928	EA	4" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	138.16	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1929	EA	4" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	143.25	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1930	EA	4" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	150.61	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1931	EA	4" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	155.67	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1932	EA	4" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	160.76	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1933	EA	6" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	117.04	8.32
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1934	EA	6" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	124.63	8.32
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1935	EA	6" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	132.29	8.32
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1936	EA	6" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	139.94	8.32
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1937	EA	6" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	148.89	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1938	EA	6" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	156.54	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1939	EA	6" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	164.14	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1940	EA	6" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	171.79	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1941	EA	6" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	181.39	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1942	EA	6" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	188.98	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1943	EA	6" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	196.63	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1944	EA	6" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	206.50	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1945	EA	6" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	214.15	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1946	EA	6" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	221.77	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

08 71 11 00-1947 Satin Stainless Finish, Stainless Mop Plate *(08 71 11 00-1917)*

Note: US32D

08 71 11 00-1948	EA	4" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	51.95	8.32
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1949	EA	4" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	53.61	8.32
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1950	EA	4" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	55.34	8.32
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1951	EA	4" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	57.03	8.32
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1952	EA	4" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	60.11	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1953	EA	4" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	61.84	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1954	EA	4" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	63.50	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1955	EA	4" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	65.22	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1956	EA	4" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	68.87	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1957	EA	4" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	70.59	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1958	EA	4" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	72.32	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1959	EA	4" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	76.25	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1960	EA	4" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	77.97	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1961	EA	4" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	79.67	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1962	EA	6" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	61.28	8.32
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1963	EA	6" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	63.86	8.32
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1964	EA	6" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	66.42	8.32
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1965	EA	6" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	69.01	8.32
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1966	EA	6" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	72.89	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1967	EA	6" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	75.45	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1968	EA	6" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	78.03	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1969	EA	6" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	80.59	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1970	EA	6" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	85.12	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1971	EA	6" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	87.65	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1972	EA	6" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	90.20	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1973	EA	6" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	95.06	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1974	EA	6" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	97.58	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1975	EA	6" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	100.17	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

08 71 11 00-1976 Bright Stainless Finish, Stainless Mop Plate *(08 71 11 00-1917)*

Note: US32

08 71 11 00-1977	EA	4" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	74.37	8.32
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1978	EA	4" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	78.14	8.32
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1979	EA	4" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	81.91	8.32
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1980	EA	4" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	85.62	8.32
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1981	EA	4" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	90.75	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1982	EA	4" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	94.50	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1983	EA	4" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	98.27	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1984	EA	4" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	102.04	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1985	EA	4" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	107.70	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1986	EA	4" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	111.47	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1987	EA	4" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	115.24	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1988	EA	4" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	121.25	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1989	EA	4" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	125.02	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1990	EA	4" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	128.73	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1991	EA	6" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	94.99	8.32
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1992	EA	6" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	100.68	8.32
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1993	EA	6" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	106.30	8.32
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1994	EA	6" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	111.93	8.32
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1995	EA	6" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	118.88	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1996	EA	6" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	124.51	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1997	EA	6" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	130.13	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1998	EA	6" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	135.76	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1999	EA	6" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	143.36	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2000	EA	6" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	148.99	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2001	EA	6" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	154.62	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2002	EA	6" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	162.51	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2003	EA	6" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	168.11	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2004	EA	6" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	173.73	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

08 71 11 00-2005 Satin Nickel Finish, Stainless Mop Plate *(08 71 11 00-1917)*

Note: US15

08 71 11 00-2006	EA	4" x 22", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	91.02	8.32
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2007	EA	4" x 24", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	96.22	8.32
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2008	EA	4" x 26", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	101.52	8.32
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2009	EA	4" x 28", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	106.79	8.32
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2010	EA	4" x 30", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	113.41	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2011	EA	4" x 32", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	118.65	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2012	EA	4" x 34", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	123.92	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2013	EA	4" x 36", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	129.18	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2014	EA	4" x 38", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	136.43	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2015	EA	4" x 40", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	141.67	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2016	EA	4" x 42", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	146.90	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2017	EA	4" x 44", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	154.47	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2018	EA	4" x 46", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	159.74	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2019	EA	4" x 48", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	164.94	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2020	EA	6" x 22", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	119.94	8.32
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2021	EA	6" x 24", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	127.82	8.32
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2022	EA	6" x 26", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	135.71	8.32
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2023	EA	6" x 28", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	143.59	8.32
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2024	EA	6" x 30", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	152.84	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2025	EA	6" x 32", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	160.72	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2026	EA	6" x 34", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	168.61	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2027	EA	6" x 36", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	176.53	8.66
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2028	EA	6" x 38", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	186.36	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2029	EA	6" x 40", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	194.28	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2030	EA	6" x 42", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	202.16	9.11
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2031	EA	6" x 44", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	212.32	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2032	EA	6" x 46", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	220.20	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2033	EA	6" x 48", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	228.12	9.68
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

08 71 11 00-2034 Plastic Mop Plate *(08 71 11 00-1827)*

08 71 11 00-2035 Clear Or Black Finish, Plastic Mop Plate *(08 71 11 00-2034)*

Note: With four beveled edges.

08 71 11 00-2036	EA	4" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	48.77	8.32
08 71 11 00-2037	EA	4" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	50.19	8.32
08 71 11 00-2038	EA	4" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	51.63	8.32
08 71 11 00-2039	EA	4" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	53.05	8.32
08 71 11 00-2040	EA	4" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	55.82	8.66
08 71 11 00-2041	EA	4" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	57.24	8.66
08 71 11 00-2042	EA	4" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	58.65	8.66
08 71 11 00-2043	EA	4" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	60.10	8.66
08 71 11 00-2044	EA	4" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	63.46	9.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2045	EA	4" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	64.88	9.11
08 71 11 00-2046	EA	4" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	66.29	9.11
08 71 11 00-2047	EA	4" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	69.98	9.68
08 71 11 00-2048	EA	4" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	71.43	9.68
08 71 11 00-2049	EA	4" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	72.84	9.68
08 71 11 00-2050	EA	6" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	56.59	8.32
08 71 11 00-2051	EA	6" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	58.74	8.32
08 71 11 00-2052	EA	6" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	60.86	8.32
08 71 11 00-2053	EA	6" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	62.98	8.32
08 71 11 00-2054	EA	6" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	66.50	8.66
08 71 11 00-2055	EA	6" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	68.62	8.66
08 71 11 00-2056	EA	6" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	70.74	8.66
08 71 11 00-2057	EA	6" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	72.87	8.66
08 71 11 00-2058	EA	6" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	76.97	9.11
08 71 11 00-2059	EA	6" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	79.09	9.11
08 71 11 00-2060	EA	6" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	81.22	9.11
08 71 11 00-2061	EA	6" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	85.64	9.68
08 71 11 00-2062	EA	6" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	87.76	9.68
08 71 11 00-2063	EA	6" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	89.89	9.68
08 71 11 00-2064		**Armor Door Plate** *(08 71 11 00-0805)* Note: Size ranges of 26" to 48" high, 22" to 48" wide. Ives 8400.		
08 71 11 00-2065	SF	4 to 8 SF, 0.050" Thick, Satin Aluminum Finish, Aluminum Door Armor Plate	30.94	1.42
08 71 11 00-2066	SF	>8 to 16 SF, 0.050" Thick, Satin Aluminum Finish, Aluminum Door Armor Plate	29.68	1.11
08 71 11 00-2067	SF	4 to 8 SF, 0.050" Thick, Satin Stainless Finish, Stainless Door Armor Plate	34.06	1.42
08 71 11 00-2068	SF	>8 to 16 SF, 0.050" Thick, Satin Stainless Finish, Stainless Door Armor Plate	32.80	1.11
08 71 11 00-2069	SF	4 to 8 SF, 0.050" Thick, Bright Stainless Finish, Stainless Door Armor Plate	70.24	1.42
08 71 11 00-2070	SF	>8 to 16 SF, 0.050" Thick, Bright Stainless Finish, Stainless Door Armor Plate	68.98	1.11
08 71 11 00-2071		**Pull Handle And Plates** *(08 71 11 00-0805)*		
08 71 11 00-2072		**Pull Handle** *(08 71 11 00-2071)*		
08 71 11 00-2073	EA	3/4" Diameter, 6" Center to Center, Aluminum Door Pulls (Ives 8102HD-6)	63.04	9.39
		For Stainless Steel, Add	*10.69*	
		For Brass, Add	*14.51*	
08 71 11 00-2074	EA	3/4" Diameter, 8" Center to Center, Aluminum Door Pulls (Ives 8102HD-8)	66.34	9.39
		For Stainless Steel, Add	*12.08*	
		For Brass, Add	*16.39*	
08 71 11 00-2075	EA	3/4" Diameter, 10" Center to Center, Aluminum Door Pulls (Ives 8102HD-10)	71.55	9.39
		For Stainless Steel, Add	*14.27*	
		For Brass, Add	*19.36*	
08 71 11 00-2076	EA	1" Diameter, 8" Center to Center, Aluminum Door Pulls (Ives 8103HD-8)	74.44	9.39
		For Stainless Steel, Add	*15.48*	
		For Brass, Add	*21.01*	
08 71 11 00-2077	EA	1" Diameter, 10" Center to Center, Aluminum Door Pulls (Ives 8103HD-10)	79.67	9.39
		For Stainless Steel, Add	*17.68*	
		For Brass, Add	*23.99*	
08 71 11 00-2078	EA	1" Diameter, 12" Center to Center, Aluminum Door Pulls (Ives 8103HD-12)	86.43	9.39
		For Stainless Steel, Add	*20.52*	
		For Brass, Add	*27.84*	
08 71 11 00-2079	EA	1" Flattened x 1/2" Round, 6" Center To Center, Aluminum Door Pulls (Ives 8105-6)	66.59	9.39
		For Stainless Steel, Add	*12.18*	
		For Brass, Add	*16.54*	
08 71 11 00-2080	EA	1" Flattened x 1/2" Round, 8" Center To Center, Aluminum Door Pulls (Ives 8105-8)	73.80	9.39
		For Stainless Steel, Add	*15.21*	
		For Brass, Add	*20.65*	
08 71 11 00-2081	EA	1" Flattened x 1/2" Round, 10" Center To Center, Aluminum Door Pulls (Ives 8105-10)	74.98	9.39
		For Stainless Steel, Add	*15.71*	
		For Brass, Add	*21.32*	
08 71 11 00-2082	EA	1" Diameter, 8" Center to Center, Satin Stainless Steel Offset Door Pulls (Ives 8190HD-8)	147.78	9.39
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*20.83*	
		For Brass, Add	*19.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2083	EA	1" Diameter, 10" Center to Center, Satin Stainless Steel Offset Door Pulls (Ives 8190HD-0)	152.24	9.39
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*21.67*	
		For Brass, Add	*19.95*	
08 71 11 00-2084	EA	1" Diameter, 12" Center to Center, Satin Stainless Steel Offset Door Pulls (Ives 8190HD-2)	161.21	9.39
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*23.37*	
		For Brass, Add	*21.51*	
08 71 11 00-2085	EA	1" Diameter, 18" Center to Center, Satin Stainless Steel Offset Door Pulls (Ives 8190HD-18)	213.12	9.39
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*33.18*	
		For Brass, Add	*30.54*	
08 71 11 00-2086		**Pull Plate** *(08 71 11 00-2071)*		
08 71 11 00-2087	EA	3-1/2" x 15" Aluminum Pull Plate Door Hardware (Ives 8302)	101.03	7.12
		For Stainless Steel, Add	*42.81*	
		For Brass, Add	*54.42*	
08 71 11 00-2088	EA	4" x 16" Aluminum Pull Plate Door Hardware (Ives 8302)	103.55	7.12
		For Stainless Steel, Add	*44.30*	
		For Brass, Add	*56.31*	
08 71 11 00-2089	EA	6" x 16" Aluminum Pull Plate Door Hardware (Ives 8302)	109.30	7.12
		For Stainless Steel, Add	*47.69*	
		For Brass, Add	*60.62*	
08 71 11 00-2090		**Push Bars And Plates** *(08 71 11 00-0805)*		
08 71 11 00-2091		**Push Bars** *(08 71 11 00-2090)*		
08 71 11 00-2092	EA	3/8" x 2-1/2" Bronze Push Bar, Rectangular, With Base Plate Note: Up to 34" wide. All finishes.	310.86	7.12
08 71 11 00-2093	EA	3/4" Diameter Stainless Steel Push Bar, Up To 34" Wide	274.18	7.12
		For Brass Push Bar, Add	*42.75*	
08 71 11 00-2094	EA	1" Diameter Stainless Steel Push Bar, Up To 34" Wide	284.49	7.12
		For Brass Push Bar, Add	*44.55*	
08 71 11 00-2095	EA	1-1/4" Diameter Stainless Steel Push Bar, Up To 34" Wide	540.51	7.12
		For Brass Push Bar, Add	*89.09*	
08 71 11 00-2096		**Push Plates** *(08 71 11 00-2090)*		
08 71 11 00-2097		**Aluminum Push Plates** *(08 71 11 00-2096)*		
08 71 11 00-2098		**Clear Anodized Finish, Aluminum Push Plates** *(08 71 11 00-2097)* Note: Ives 8200 Series.		
08 71 11 00-2099	EA	3" x 12", Clear Anodized Finish, Aluminum Push Plate Door Hardware	46.70	7.12
08 71 11 00-2100	EA	4" x 16", Clear Anodized Finish, Aluminum Push Plate Door Hardware	46.70	7.12
08 71 11 00-2101	EA	6" x 16", Clear Anodized Finish, Aluminum Push Plate Door Hardware	46.70	7.12
08 71 11 00-2102	EA	8" x 16", Clear Anodized Finish, Aluminum Push Plate Door Hardware	51.31	7.12
08 71 11 00-2103		**Stainless Steel Push Plates** *(08 71 11 00-2096)*		
08 71 11 00-2104		**Satin Finish, Stainless Steel Push Plates** *(08 71 11 00-2103)* Note: Ives 8200 Series.		
08 71 11 00-2105	EA	3" x 12", Satin Finish, Stainless Steel Push Plate Door Hardware	46.70	7.12
08 71 11 00-2106	EA	4" x 16", Satin Finish, Stainless Steel Push Plate Door Hardware	50.25	7.12
08 71 11 00-2107	EA	6" x 16", Satin Finish, Stainless Steel Push Plate Door Hardware	58.35	7.12
08 71 11 00-2108	EA	8" x 16", Satin Finish, Stainless Steel Push Plate Door Hardware	70.33	7.12
08 71 11 00-2109		**Brass Push Plates** *(08 71 11 00-2096)*		
08 71 11 00-2110		**Bright/Satin Brass Finish, Brass Push Plates** *(08 71 11 00-2109)* Note: Ives 8200 Series.		
08 71 11 00-2111	EA	3" x 12", Bright/Satin Brass Finish, Brass Push Plate Door Hardware	57.53	7.12
08 71 11 00-2112	EA	4" x 16", Bright/Satin Brass Finish, Brass Push Plate Door Hardware	66.63	7.12
08 71 11 00-2113	EA	6" x 16", Bright/Satin Brass Finish, Brass Push Plate Door Hardware	88.56	7.12
08 71 11 00-2114	EA	8" x 16", Bright/Satin Brass Finish, Brass Push Plate Door Hardware	102.97	7.12
08 71 11 00-2115		**Bright/Satin Chrome Finish, Brass Push Plates** *(08 71 11 00-2109)* Note: Ives 8200 Series.		
08 71 11 00-2116	EA	3" x 12", Bright/Satin Chrome Finish, Brass Push Plate Door Hardware	64.81	7.12
08 71 11 00-2117	EA	4" x 16", Bright/Satin Chrome Finish, Brass Push Plate Door Hardware	72.21	7.12
08 71 11 00-2118	EA	6" x 16", Bright/Satin Chrome Finish, Brass Push Plate Door Hardware	92.29	7.12
08 71 11 00-2119	EA	8" x 16", Bright/Satin Chrome Finish, Brass Push Plate Door Hardware	112.10	7.12
08 71 11 00-2120		**Satin/Dark Bronze Finish, Brass Push Plates** *(08 71 11 00-2109)* Note: Ives 8200 Series.		
08 71 11 00-2121	EA	3" x 12", Satin/Dark Bronze Finish, Brass Push Plate Door Hardware	64.81	7.12
08 71 11 00-2122	EA	4" x 16", Satin/Dark Bronze Finish, Brass Push Plate Door Hardware	72.21	7.12
08 71 11 00-2123	EA	6" x 16", Satin/Dark Bronze Finish, Brass Push Plate Door Hardware	95.84	7.12
08 71 11 00-2124	EA	8" x 16", Satin/Dark Bronze Finish, Brass Push Plate Door Hardware	114.07	7.12

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2125		**Satin Nickel Finish, Brass Push Plates** *(08 71 11 00-2109)*		
		Note: Ives 8200 Series.		
08 71 11 00-2126	EA	3" x 12", Satin Nickel Finish, Brass Push Plate Door Hardware	64.81	7.12
08 71 11 00-2127	EA	4" x 16", Satin Nickel Finish, Brass Push Plate Door Hardware	74.06	7.12
08 71 11 00-2128	EA	6" x 16", Satin Nickel Finish, Brass Push Plate Door Hardware	101.45	7.12
08 71 11 00-2129	EA	8" x 16", Satin Nickel Finish, Brass Push Plate Door Hardware	119.68	7.12
08 71 11 00-2130		**Push Pull Passage Latch Paddles** *(08 71 11 00-0805)*		
08 71 11 00-2131	EA	-7/8" x 1-1/4" x 1-1/4" Lip To Center, Stainless Steel, Push Pull Passage Latch Paddles (Corbin Russwin HP3010-HKPS-630)	390.14	7.12
		For Owner Furnished Material, Deduct	*-361.67*	
08 71 11 00-2132		**Exit Devices** *(08 71 11)*		
08 71 11 00-2133		**Push Bar Exit Device, Von Duprin Series 22** *(08 71 11 00-2132)*		
		Note: Grade 1, BHMA 156.3.		
08 71 11 00-2134	EA	3' Push Bar, Rim Type, Exit Device (Von Duprin Series 22)	793.21	128.11
		Note: Anodized finish: aluminum or dark brown.		
		For 4' Push Bar, Add	*13.87*	
08 71 11 00-2135	EA	3' Push Bar, Fire Rated, Rim Type, Exit Device (Von Duprin Series 22-F)	882.56	128.11
		Note: Anodized finish: aluminum or dark brown.		
		For 4' Push Bar, Add	*13.87*	
08 71 11 00-2136	EA	3' Push Bar, Surface Vertical Rods, Exit Device (Von Duprin Series 2227)	1,150.78	153.74
		Note: Anodized finish: aluminum or dark brown.		
		For 4' Push Bar, Add	*13.87*	
08 71 11 00-2137	EA	3' Push Bar, Fire Rated, Surface Vertical Rods, Exit Device (Von Duprin Series 2227-F)	1,373.33	142.35
		Note: Anodized finish: aluminum or dark brown.		
		For 4' Push Bar, Add	*13.87*	
08 71 11 00-2138	EA	Dummy Trim (Von Duprin Series 22, 210DT)	107.43	21.35
		Note: Anodized finish: aluminum or dark brown.		
08 71 11 00-2139	EA	Night Latch Trim With Cylinder (Von Duprin Series 22, 210NL)	231.66	28.47
		Note: Anodized finish: aluminum or dark brown.		
08 71 11 00-2140	EA	Knob Trim With Cylinder (Von Duprin Series 22, 210K)	434.78	42.71
		Note: Anodized finish: aluminum or dark brown.		
08 71 11 00-2141	EA	Lever Trim With Cylinder (Von Duprin Series 22, 230L)	430.67	42.71
		Note: Anodized finish: aluminum or dark brown.		
08 71 11 00-2142	EA	Thumbpiece Trim With Cylinder (Von Duprin Series 22, 230TP)	429.63	42.71
		Note: Anodized finish: aluminum or dark brown.		
08 71 11 00-2143	EA	Blank Escutcheon Knob (Von Duprin Series 22, 210K-BE)	341.58	42.71
		Note: Anodized finish: aluminum or dark brown.		
08 71 11 00-2144	EA	Exit Only Trim Plate (Von Duprin Series 22, 230EO)	138.28	17.09
		Note: Anodized finish: aluminum or dark brown.		
08 71 11 00-2145	EA	Dummy Trim (Von Duprin Series 22, 230DT)	159.97	21.35
		Note: Anodized finish: aluminum or dark brown.		
08 71 11 00-2146	EA	Night Latch Trim With Cylinder (Von Duprin Series 22, 230NL)	286.26	28.47
		Note: Anodized finish: aluminum or dark brown.		
08 71 11 00-2147	EA	Blank Escutcheon Lever (Von Duprin Series 22, 230L-BE)	337.47	42.71
		Note: Anodized finish: aluminum or dark brown.		
08 71 11 00-2148	EA	Blank Escutcheon Thumbpiece (Von Duprin Series 22, 230TP-BE)	336.43	42.71
		Note: Anodized finish: aluminum or dark brown.		
08 71 11 00-2149		**Push Bar Exit Device, Narrow Stile, Von Duprin Series 33/35** *(08 71 11 00-2132)*		
		Note: Grade 1, BHMA 156.3. Series 33 has a ribbed case, Series 35 has a smooth case.		
08 71 11 00-2150	EA	3' Push Bar, Rim Type, Narrow Stile Exit Device (Von Duprin Series 33/35)	1,738.19	128.11
		Note: Aluminum anodized finish.		
		For 4' Push Bar, Add	*13.87*	
		For Accessible Device (AX), Add	*139.66*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*143.01*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*134.77*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*53.07*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*407.79*	
08 71 11 00-2151	EA	3' Push Bar, Surface Vertical Rods, Narrow Stile Exit Device (Von Duprin Series 3327/3527)	2,373.89	153.74
		Note: Aluminum anodized finish.		
		For 4' Push Bar, Add	*13.87*	
		For Accessible Device (AX), Add	*196.39*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*201.11*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*189.52*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*74.63*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*573.46*	
08 71 11 00-2152	EA	3' Push Bar, Fire Rated, Surface Vertical Rods, Narrow Stile Exit Device (Von Duprin Series 3327-F/3527-F)	2,421.48	153.74
		Note: Aluminum anodized finish.		
		For 4' Push Bar, Add	*13.87*	
		For Accessible Device (AX), Add	*201.15*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*205.98*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*194.11*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*76.44*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*587.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2153	EA	3' Push Bar, Concealed Vertical Rods, Narrow Stile Exit Device (Von Duprin Series 3347/3547) Note: Aluminum anodized finish.	2,454.06	176.51
		For 4' Push Bar, Add	*13.87*	
		For Accessible Device (AX), Add	*198.15*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*202.90*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*191.21*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*75.30*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*578.59*	
08 71 11 00-2154	EA	3' Push Bar, Fire Rated, Concealed Vertical Rods, Narrow Stile Exit Device (Von Duprin Series 3347-F/3547-F) Note: Aluminum anodized finish.	2,576.80	176.51
		For 4' Push Bar, Add	*13.87*	
		For Accessible Device (AX), Add	*210.42*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*215.47*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*203.06*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*79.96*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*614.43*	
08 71 11 00-2155	EA	3' Push Bar, Concealed Vertical Rods, Narrow Stile Exit Device (Von Duprin Series 3348/3548) Note: Aluminum anodized finish.	2,748.39	176.51
		For 4' Push Bar, Add	*13.87*	
		For Accessible Device (AX), Add	*227.58*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*233.04*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*219.61*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*86.48*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*664.53*	
08 71 11 00-2156	EA	3' Push Bar, Fire Rated, Concealed Vertical Rods, Narrow Stile Exit Device (Von Duprin Series 3348-F/3548-F) Note: Aluminum anodized finish.	2,871.13	176.51
		For 4' Push Bar, Add	*13.87*	
		For Accessible Device (AX), Add	*239.85*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*245.61*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*231.46*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*91.14*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*700.37*	
08 71 11 00-2157	EA	Dummy Trim (Von Duprin Series 33/35, DT) Note: Anodized finish: aluminum or dark brown.	392.60	21.35
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*32.39*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*12.76*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*98.01*	
08 71 11 00-2158	EA	Night Latch With Cylinder, Less Pull (Von Duprin Series 33/35, NL-OP) Note: Anodized finish: aluminum or dark brown.	441.15	28.47
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*34.88*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*13.73*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*105.54*	
08 71 11 00-2159	EA	Night Latch With Cylinder (Von Duprin Series 33/35, NL) Note: Anodized finish: aluminum or dark brown.	719.78	28.47
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*61.77*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*24.32*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*186.90*	
08 71 11 00-2160	EA	Lever Trim With Cylinder (Von Duprin Series 33/35, 360L) Note: Anodized finish: aluminum or dark brown.	730.83	42.71
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*59.54*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*23.44*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*180.15*	
08 71 11 00-2161	EA	Blank Escutcheon Lever With Cylinder (Von Duprin Series 33/35, 360L-BE) Note: Anodized finish: aluminum or dark brown.	868.40	42.71
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*72.81*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*28.67*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*220.32*	
08 71 11 00-2162	EA	Lever Dummy Trim With Cylinder (Von Duprin Series 33/35, 360L-DT) Note: Anodized finish: aluminum or dark brown.	851.05	42.71
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*71.14*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*28.01*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*215.25*	
08 71 11 00-2163	EA	Thumbturn Trim With Cylinder (Von Duprin Series 33/35, 360T) Note: Anodized finish: aluminum or dark brown.	859.16	42.71
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*71.92*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*28.32*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*217.62*	
08 71 11 00-2164		Recessed Push Bar Exit Device, Von Duprin Series 94/95 *(08 71 11 00-2132)* Note: Grade 1, BHMA 156.3. Series 9447 has a smooth case, Series 9547 has a grooved case.		
08 71 11 00-2165	EA	3' Push Bar, Concealed Vertical Rods, Exit Device (Von Duprin Series 9447/9547) Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	2,432.96	176.51
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*182.31*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*190.15*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*303.86*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*621.43*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*196.04*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*288.17*	
		For Quiet Electric Latch Retraction (QEL), Add	*867.08*	
		For Owner Furnished Material, Deduct	*-1,960.36*	
		For Less Bottom Rod (LBR), Deduct	*-192.91*	
		For Latch Bolt Monitoring Switch (LX), Deduct	*-169.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2166		Push Bar Exit Device, Von Duprin Series 98/99 *(08 71 11 00-2132)* Note: Grade 1, BHMA 156.3. Series 98 has a smooth case, Series 99 has a grooved case.		
08 71 11 00-2167	EA	3' Push Bar, Rim Type, Exit Device (Von Duprin Series 98/99) Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	1,595.67	128.11
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*76.50*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*121.64*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*194.37*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*397.53*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*125.40*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*184.34*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*65.17*	
		For Special Center Case Dogging (SD), Add	*272.84*	
		For Cylinder Dogging Indicator (CI), Add	*181.61*	
		For Dogging Indicator (DI), Add	*166.84*	
		For Quiet Electric Latch Retraction (QEL), Add	*867.08*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*84.29*	
		For Safety Glow Touchpad, Add	*304.12*	
		For Accessible Device (AX), Add	*125.40*	
08 71 11 00-2168	EA	3' Push Bar, Fire Rated, Rim Type, Exit Device (Von Duprin Series 98-F/99-F) Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	1,815.03	128.11
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*89.88*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*142.92*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*228.38*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*467.06*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*147.34*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*216.59*	
		For Quiet Electric Latch Retraction (QEL), Add	*867.08*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*84.29*	
		For Safety Glow Touchpad, Add	*304.12*	
		For Accessible Device (AX), Add	*147.34*	
08 71 11 00-2169	EA	3' Push Bar, Rim Type, Exit Device (Von Duprin Series XP98/XP99) Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	1,433.78	128.11
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*66.62*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*105.94*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*169.28*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*346.21*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*109.21*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*160.54*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*65.17*	
		For Special Center Case Dogging (SD), Add	*272.84*	
		For Cylinder Dogging Indicator (CI), Add	*181.61*	
		For Dogging Indicator (DI), Add	*166.84*	
		For Quiet Electric Latch Retraction (QEL), Add	*867.08*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*84.29*	
		For Safety Glow Touchpad, Add	*304.12*	
		For Accessible Device (AX), Add	*109.21*	
08 71 11 00-2170	EA	3' Push Bar, Fire Rated, Rim Type, Exit Device (Von Duprin Series XP98-F/XP99-F) Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	1,600.69	128.11
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*76.80*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*122.13*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*195.15*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*399.12*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*125.91*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*185.08*	
		For Quiet Electric Latch Retraction (QEL), Add	*867.08*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*84.29*	
		For Safety Glow Touchpad, Add	*304.12*	
		For Accessible Device (AX), Add	*125.91*	
08 71 11 00-2171	EA	3' Push Bar, Surface Vertical Rods, Exit Device (Von Duprin Series 9827/9927) Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	2,282.43	153.74
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*114.22*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*181.63*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*290.23*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*593.57*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*187.25*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*275.25*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*65.17*	
		For Special Center Case Dogging (SD), Add	*272.84*	
		For Cylinder Dogging Indicator (CI), Add	*181.61*	
		For Dogging Indicator (DI), Add	*166.84*	
		For Quiet Electric Latch Retraction (QEL), Add	*867.08*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*84.29*	
		For Safety Glow Touchpad, Add	*304.12*	
		For Accessible Device (AX), Add	*187.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2172	EA	3' Push Bar, Fire Rated, Surface Vertical Rods, Exit Device (Von Duprin Series 9827-F/9927-F) Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	2,579.75	153.74
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*132.36*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*210.47*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*336.32*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*687.82*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*216.98*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*318.96*	
		For Quiet Electric Latch Retraction (QEL), Add	*867.08*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*84.29*	
		For Safety Glow Touchpad, Add	*304.12*	
		For Accessible Device (AX), Add	*216.98*	
08 71 11 00-2173	EA	3' Push Bar, Concealed Vertical Rods, Exit Device (Von Duprin Series 9847/9947) Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	2,393.95	176.51
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*178.69*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*186.37*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*297.81*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*609.07*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*192.14*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*282.44*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*65.17*	
		For Special Center Case Dogging (SD), Add	*272.84*	
		For Cylinder Dogging Indicator (CI), Add	*181.61*	
		For Dogging Indicator (DI), Add	*166.84*	
		For Quiet Electric Latch Retraction (QEL), Add	*867.08*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*84.29*	
		For Safety Glow Touchpad, Add	*304.12*	
		For Accessible Device (AX), Add	*192.14*	
08 71 11 00-2174	EA	3' Push Bar, Fire Rated, Concealed Vertical Rods, Exit Device (Von Duprin Series 9847-F/9947-F) Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	2,697.88	176.51
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*206.95*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*215.85*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*344.92*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*705.41*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*222.53*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*327.12*	
		For Quiet Electric Latch Retraction (QEL), Add	*867.08*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*84.29*	
		For Safety Glow Touchpad, Add	*304.12*	
		For Accessible Device (AX), Add	*222.53*	
08 71 11 00-2175	EA	3' Push Bar, Concealed Vertical Rods, Exit Device (Von Duprin Series 9848/9948) Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	2,704.48	176.51
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*207.56*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*216.49*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*345.94*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*707.51*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*223.19*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*328.09*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*65.17*	
		For Special Center Case Dogging (SD), Add	*272.84*	
		For Cylinder Dogging Indicator (CI), Add	*181.61*	
		For Dogging Indicator (DI), Add	*166.84*	
		For Quiet Electric Latch Retraction (QEL), Add	*867.08*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*84.29*	
		For Safety Glow Touchpad, Add	*304.12*	
		For Accessible Device (AX), Add	*223.19*	
08 71 11 00-2176	EA	3' Push Bar, Fire Rated, Concealed Vertical Rods, Exit Device (Von Duprin Series 9848-F/9948-F) Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	2,449.79	176.51
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*183.88*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*191.79*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*306.46*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*626.77*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*197.72*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*290.65*	
		For Quiet Electric Latch Retraction (QEL), Add	*867.08*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*84.29*	
		For Safety Glow Touchpad, Add	*304.12*	
		For Accessible Device (AX), Add	*197.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2177	EA	3' Push Bar, Concealed Vertical Rods, Exit Device For Wood Door (Von Duprin Series 9847WDC/9947WDC) Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	2,142.75	176.51
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*155.32*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*162.00*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*258.87*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*529.44*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*167.02*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*245.51*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*65.17*	
		For Special Center Case Dogging (SD), Add	*272.84*	
		For Cylinder Dogging Indicator (CI), Add	*181.61*	
		For Dogging Indicator (DI), Add	*166.84*	
		For Quiet Electric Latch Retraction (QEL), Add	*867.08*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*84.29*	
		For Safety Glow Touchpad, Add	*304.12*	
		For Accessible Device (AX), Add	*167.02*	
08 71 11 00-2178	EA	3' Push Bar, Fire Rated, Concealed Vertical Rods, Exit Device For Wood Door (Von Duprin Series 9847WDC-F/9947WDC-F) Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	2,409.61	176.51
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*180.14*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*187.89*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*300.24*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*614.03*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*193.70*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*284.74*	
		For Quiet Electric Latch Retraction (QEL), Add	*867.08*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*84.29*	
		For Safety Glow Touchpad, Add	*304.12*	
		For Accessible Device (AX), Add	*193.70*	
08 71 11 00-2179	EA	3' Push Bar, Surface Mount, Three Point Latch, Exit Device (Von Duprin Series 9857/9957) Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	2,321.22	153.74
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*116.59*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*185.39*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*296.24*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*605.87*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*191.13*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*280.95*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*65.17*	
		For Special Center Case Dogging (SD), Add	*272.84*	
		For Cylinder Dogging Indicator (CI), Add	*181.61*	
		For Dogging Indicator (DI), Add	*166.84*	
		For Quiet Electric Latch Retraction (QEL), Add	*867.08*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*84.29*	
		For Safety Glow Touchpad, Add	*304.12*	
		For Accessible Device (AX), Add	*191.13*	
08 71 11 00-2180	EA	3' Push Bar, Fire Rated, Surface Mount, Three Point Latch, Exit Device (Von Duprin Series 9857-F/9957-F) Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	2,474.74	153.74
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*125.95*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*200.28*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*320.04*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*654.53*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*206.48*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*303.52*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*65.17*	
		For Special Center Case Dogging (SD), Add	*272.84*	
		For Cylinder Dogging Indicator (CI), Add	*181.61*	
		For Dogging Indicator (DI), Add	*166.84*	
		For Quiet Electric Latch Retraction (QEL), Add	*867.08*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*84.29*	
		For Safety Glow Touchpad, Add	*304.12*	
		For Accessible Device (AX), Add	*206.48*	
08 71 11 00-2181	EA	3' Push Bar, Mortise Lock, Exit Device (Von Duprin Series 9875/9975) Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	2,259.86	159.43
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*67.81*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*177.78*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*284.09*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*581.00*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*183.28*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*269.42*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*65.17*	
		For Special Center Case Dogging (SD), Add	*272.84*	
		For Cylinder Dogging Indicator (CI), Add	*181.61*	
		For Dogging Indicator (DI), Add	*166.84*	
		For Quiet Electric Latch Retraction (QEL), Add	*867.08*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*84.29*	
		For Safety Glow Touchpad, Add	*304.12*	
		For Accessible Device (AX), Add	*183.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2182	EA	3' Push Bar, Fire Rated, Mortise Lock, Exit Device (Von Duprin Series 9875-F/9975-F) Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	2,483.17	159.43
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*76.08*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*199.44*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*318.70*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*651.79*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*205.61*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*302.25*	
		For Quiet Electric Latch Retraction (QEL), Add	*867.08*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*84.29*	
		For Safety Glow Touchpad, Add	*304.12*	
		For Accessible Device (AX), Add	*205.61*	
08 71 11 00-2183	EA	3' Push Bar, Concealed Vertical Cable, Exit Device (Von Duprin Series 9849/9949) Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	2,043.84	176.51
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*146.13*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*152.41*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*243.54*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*498.08*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*157.12*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*230.97*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*65.17*	
		For Special Center Case Dogging (SD), Add	*272.84*	
		For Cylinder Dogging Indicator (CI), Add	*181.61*	
		For Dogging Indicator (DI), Add	*166.84*	
		For Quiet Electric Latch Retraction (QEL), Add	*867.08*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*84.29*	
		For Safety Glow Touchpad, Add	*304.12*	
		For Accessible Device (AX), Add	*157.12*	
08 71 11 00-2184	EA	3' Push Bar, Fire Rated, Concealed Vertical Cable, Exit Device(Von Duprin Series 9849-F/9949-F) Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	2,216.93	176.51
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*162.22*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*169.20*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*270.37*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*552.95*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*174.43*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*256.42*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*65.17*	
		For Special Center Case Dogging (SD), Add	*272.84*	
		For Cylinder Dogging Indicator (CI), Add	*181.61*	
		For Dogging Indicator (DI), Add	*166.84*	
		For Quiet Electric Latch Retraction (QEL), Add	*867.08*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*84.29*	
		For Safety Glow Touchpad, Add	*304.12*	
		For Accessible Device (AX), Add	*174.43*	
08 71 11 00-2185	EA	3' Push Bar, Concealed Vertical Cable, Exit Device For Wood Door (Von Duprin Series 9849WDC/9949WDC) Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	2,223.11	176.51
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*162.80*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*169.80*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*271.33*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*554.91*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*175.05*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*257.32*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*65.17*	
		For Special Center Case Dogging (SD), Add	*272.84*	
		For Cylinder Dogging Indicator (CI), Add	*181.61*	
		For Dogging Indicator (DI), Add	*166.84*	
		For Quiet Electric Latch Retraction (QEL), Add	*867.08*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*84.29*	
		For Safety Glow Touchpad, Add	*304.12*	
		For Accessible Device (AX), Add	*175.05*	
08 71 11 00-2186	EA	3' Push Bar, Fire Rated, Concealed Vertical Cable, Exit Device For Wood Door (Von Duprin Series 9849WDC-F/9949WDC-F) Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	2,532.21	176.51
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*191.54*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*199.78*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*319.24*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*652.90*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*205.96*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*302.76*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*65.17*	
		For Special Center Case Dogging (SD), Add	*272.84*	
		For Cylinder Dogging Indicator (CI), Add	*181.61*	
		For Dogging Indicator (DI), Add	*166.84*	
		For Quiet Electric Latch Retraction (QEL), Add	*867.08*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*84.29*	
		For Safety Glow Touchpad, Add	*304.12*	
		For Accessible Device (AX), Add	*205.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2187	EA	3' Push Bar, Chexit Delayed Egress, Exit Device (Von Duprin Series CX98/CX99) Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	3,573.95	148.04
		For 4' Push Bar, Add	*13.00*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*492.18*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*1,006.59*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*317.54*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*118.12*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*132.73*	
		For Center Case Dogging (CD-CX), Add	*294.56*	
		For Quiet Electric Latch Retraction (QEL), Add	*867.08*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*84.29*	
		For Safety Glow Touchpad, Add	*304.12*	
		For Accessible Device (AX), Add	*317.54*	
08 71 11 00-2188	EA	3' Push Bar, Fire Rated, Chexit Delayed Egress, Exit Device (Von Duprin Series CX98-F/CX99-F) Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.	3,793.31	148.04
		For 4' Push Bar, Add	*13.00*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*526.18*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*1,076.13*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*339.47*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*126.28*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*141.90*	
		For Quiet Electric Latch Retraction (QEL), Add	*867.08*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*84.29*	
		For Safety Glow Touchpad, Add	*304.12*	
		For Accessible Device (AX), Add	*339.47*	
08 71 11 00-2189	EA	3' Push Bar, Mortise Chexit Delayed Egress, Exit Device (Von Duprin Series CX9875/CX9975) Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.	4,249.52	182.21
		For 4' Push Bar, Add	*13.00*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*581.89*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*1,190.07*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*375.42*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*139.65*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*156.92*	
		For Center Case Dogging (CD-CX), Add	*294.56*	
		For Quiet Electric Latch Retraction (QEL), Add	*867.08*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*84.29*	
		For Safety Glow Touchpad, Add	*304.12*	
		For Accessible Device (AX), Add	*375.42*	
08 71 11 00-2190	EA	3' Push Bar, Fire Rated, Mortise Chexit Delayed Egress, Exit Device (Von Duprin Series CX9875-F/CX9975-F) Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.	4,472.85	182.21
		For 4' Push Bar, Add	*13.00*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*616.51*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*1,260.86*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*397.75*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*147.96*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*166.26*	
		For Quiet Electric Latch Retraction (QEL), Add	*867.08*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*84.29*	
		For Safety Glow Touchpad, Add	*304.12*	
		For Accessible Device (AX), Add	*397.75*	
08 71 11 00-2191	EA	3' Push Bar, Electric Latch Retraction, Exit Device (Von Duprin Series E98/E99) Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.	2,278.97	148.04
		For 4' Push Bar, Add	*13.00*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*291.46*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*596.08*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*188.04*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*69.95*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*107.93*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*65.17*	
		For Special Center Case Dogging (SD), Add	*272.84*	
		For Dogging Indicator (DI), Add	*166.84*	
		For Quiet Electric Latch Retraction (QEL), Add	*867.08*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*84.29*	
		For Safety Glow Touchpad, Add	*304.12*	
		For Accessible Device (AX), Add	*188.04*	
08 71 11 00-2192	EA	3' Push Bar, Fire Rated, Electric Latch Retraction, Exit Device (Von Duprin Series E98-F/E99-F) Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.	2,498.33	148.04
		For 4' Push Bar, Add	*13.00*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*325.46*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*665.62*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*209.98*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*78.11*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*120.53*	
		For Quiet Electric Latch Retraction (QEL), Add	*867.08*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*84.29*	
		For Safety Glow Touchpad, Add	*304.12*	
		For Accessible Device (AX), Add	*209.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2193	EA	3' Push Bar, Mortise Electric Latch Retraction, Exit Device (Von Duprin Series E9875/E9975) Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.	2,954.54	182.21
		For 4' Push Bar, Add	*13.00*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*381.17*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*779.56*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*245.92*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*91.48*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*141.16*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*65.17*	
		For Special Center Case Dogging (SD), Add	*272.84*	
		For Dogging Indicator (DI), Add	*166.84*	
		For Quiet Electric Latch Retraction (QEL), Add	*867.08*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*84.29*	
		For Safety Glow Touchpad, Add	*304.12*	
		For Accessible Device (AX), Add	*245.92*	
08 71 11 00-2194	EA	3' Push Bar, Fire Rated, Mortise Electric Latch Retraction, Exit Device (Von Duprin Series E9875-F/E9975-F) Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.	3,177.85	182.21
		For 4' Push Bar, Add	*13.00*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*415.78*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*850.35*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*268.25*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*99.79*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*153.97*	
		For Quiet Electric Latch Retraction (QEL), Add	*867.08*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*84.29*	
		For Safety Glow Touchpad, Add	*304.12*	
		For Accessible Device (AX), Add	*268.25*	
08 71 11 00-2195	EA	Exit Only Trim Plate (Von Duprin Series 98/99, EO) Note: Satin chrome plated US26D (BHMA 626) finish.	185.97	17.09
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*4.21*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*6.32*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*23.87*	
08 71 11 00-2196	EA	Dummy Trim (Von Duprin Series 98/99, 990DT) Note: Satin chrome plated US26D (BHMA 626) finish.	275.36	21.35
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*6.55*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*9.83*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*37.13*	
08 71 11 00-2197	EA	Night Latch Pull Trim With 110NL Cylinder (Von Duprin Series 98/99, 990NL) Note: Satin chrome plated US26D (BHMA 626) finish.	406.95	28.47
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*9.82*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*14.73*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*55.63*	
08 71 11 00-2198	EA	Night Latch Pull Trim Without Cylinder (Von Duprin Series 98/99, 990NL) Note: Satin chrome plated US26D (BHMA 626) finish.	313.74	28.47
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*7.02*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*10.53*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*39.78*	
08 71 11 00-2199	EA	Lever Trim With 110NL Cylinder (Von Duprin Series 98/99, 996L) Note: Satin chrome plated US26D (BHMA 626) finish.	711.91	42.71
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*17.94*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*26.91*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*101.67*	
08 71 11 00-2200	EA	Lever Trim Without Cylinder (Von Duprin Series 98/99, 996L) Note: Satin chrome plated US26D (BHMA 626) finish.	618.70	42.71
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*15.14*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*22.72*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*85.82*	
08 71 11 00-2201	EA	Blank Escutcheon, Lever ((Von Duprin Series 98/99, 996L-BE) Note: Satin chrome plated US26D (BHMA 626) finish.	618.70	42.71
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*15.14*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*22.72*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*85.82*	
08 71 11 00-2202	EA	Night Latch, Lever With 110NL Cylinder (Von Duprin Series 98/99, 996L-NL) Note: Satin chrome plated US26D (BHMA 626) finish.	600.47	42.71
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*14.60*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*21.90*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*82.72*	
08 71 11 00-2203	EA	Night Latch, Lever Without Cylinder (Von Duprin Series 98/99, 996L-NL) Note: Satin chrome plated US26D (BHMA 626) finish.	507.26	42.71
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*11.80*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*17.70*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*66.87*	
08 71 11 00-2204	EA	Lever Dummy Trim (Von Duprin Series 98/99, 996L-DT)) Note: Satin chrome plated US26D (BHMA 626) finish.	507.26	42.71
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*11.80*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*17.70*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*66.87*	
08 71 11 00-2205	EA	Knob Trim With 110NL Cylinder (Von Duprin Series 98/99, K) Note: Satin chrome plated US26D (BHMA 626) finish.	582.65	42.71
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*14.06*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*21.09*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*79.69*	
08 71 11 00-2206	EA	Knob Trim Without Cylinder (Von Duprin Series 98/99, K) Note: Satin chrome plated US26D (BHMA 626) finish.	489.44	42.71
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*11.27*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*16.90*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*63.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2207	EA	Blank Escutcheon, Knob (Von Duprin Series 98/99, K-BE)	489.44	42.71
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*11.27*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*16.90*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*63.85*	
08 71 11 00-2208	EA	Night Latch, Knob With 110NL Cylinder (Von Duprin Series 98/99, K-NL)	572.61	42.71
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*13.76*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*20.64*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*77.98*	
08 71 11 00-2209	EA	Night Latch, Knob Without Cylinder (Von Duprin Series 98/99, K-NL)	479.41	42.71
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*10.97*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*16.45*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*62.14*	
08 71 11 00-2210	EA	Dummy Trim For Knob Without Cylinder (Von Duprin Series 98/99, K-DT)	479.41	42.71
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*10.97*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*16.45*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*62.14*	
08 71 11 00-2211	EA	Thumbpiece Trim With 110NL Cylinder (Von Duprin Series 98/99, TP)	518.00	42.71
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*12.12*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*18.19*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*68.70*	
08 71 11 00-2212	EA	Thumbpiece Trim Without Cylinder (Von Duprin Series 98/99, TP)	424.80	42.71
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*9.33*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*13.99*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*52.86*	
08 71 11 00-2213	EA	Blank Escutcheon, Thumbpiece (Von Duprin Series 98/99, T-BE)	424.80	42.71
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*9.33*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*13.99*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*52.86*	
08 71 11 00-2214	EA	Push/Pull Hospital Latch Trim With 110NL Cylinder (Von Duprin Series 98/99, HL)	423.79	42.71
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*9.30*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*13.95*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*52.68*	

08 71 11 00-2215 Option And Kits For Series 22, 33, 35, 98 Or 99 *(08 71 11 00-2132)*

08 71 11 00-2216	EA	Alarm Kit With Switch And 9 Volt Battery Back-up	1,011.27	42.71
08 71 11 00-2217	EA	4 Amperes Output Current, 12-24 Volt DC, Power Supply (Von Duprin PS914)	861.93	42.71
		For Battery Backup (Includes Board And 2 Batteries), Add	*61.90*	
		For Fire Alarm Interface, Add	*30.95*	
		For 2 Relay Panic Device Control Board, Add	*71.80*	
		For 2 Relay Quiet Electric Latch Panic Device Control Board, Add	*84.18*	
		For 4 Relay Output Board, Add	*69.32*	
		For 4 Relay Logic Board, Add	*190.13*	
		For Fused 8 Zone Distribution Board, Add	*24.76*	
08 71 11 00-2218	EA	Jamb Mounted Concealed Electric Power Transfer (Von Duprin EPT-10)	657.09	42.71
08 71 11 00-2219	EA	2 Amperes Output Current, 12/24 Volt DC, Power Supply (Von Duprin PS902)	408.27	42.71
		For Battery Backup (Includes Board And 2 Batteries), Add	*61.90*	
		For Fire Alarm Interface, Add	*30.95*	
		For 2 Relay Quiet Electric Latch Panic Device Control Board, Add	*84.18*	
		For 4 Relay Output Board, Add	*69.32*	
		For 4 Relay Logic Board, Add	*190.13*	
		For Fused 8 Zone Distribution Board, Add	*24.76*	
08 71 11 00-2220	EA	4 Amperes Output Current, 12/24 Volt DC, Power Supply (Von Duprin PS904)	668.78	42.71
		For Battery Backup (Includes Board And 2 Batteries), Add	*61.90*	
		For Fire Alarm Interface, Add	*30.95*	
		For 2 Relay Quiet Electric Latch Panic Device Control Board, Add	*84.18*	
		For 4 Relay Output Board, Add	*69.32*	
		For 4 Relay Logic Board, Add	*190.13*	
		For Fused 8 Zone Distribution Board, Add	*24.76*	
08 71 11 00-2221	EA	Request to Exit Push Pad Monitor Switch (RX)	235.67	28.47
08 71 11 00-2222	EA	EL Conversion Kit, Electric Latch Retraction (Von Duprin)	1,110.15	
		Note: For Von Duprin Series 33A/35A/98/99 Exit Device		

08 71 11 00-2223 Removable Verticals, Mullions (Von Duprin) *(08 71 11 00-2132)*

08 71 11 00-2224	EA	7'-2" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin 4954-72)	587.83	28.47
		Note: For use with Von Duprin Panic rim devices.		
		For Owner Furnished Material, Deduct	*-473.95*	
08 71 11 00-2225	EA	8'-2" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin 4954-82)	624.92	28.47
		Note: For use with Von Duprin Panic rim devices.		
		For Owner Furnished Material, Deduct	*-511.04*	
08 71 11 00-2226	EA	10'-2" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin 4954-102)	1,025.00	28.47
		Note: For use with Von Duprin Panic rim devices.		
		For Owner Furnished Material, Deduct	*-911.12*	
08 71 11 00-2227	EA	7'-6" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin KR4954-76)	1,006.24	34.16
		Note: For use with Von Duprin Panic rim devices.		
		For Owner Furnished Material, Deduct	*-869.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2228	EA	8'-6" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin KR4954-86) Note: For use with Von Duprin Panic rim devices.	1,043.33	34.16
		For Owner Furnished Material, Deduct	*-906.68*	
08 71 11 00-2229	EA	10'-6" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin KR4954-106) Note: For use with Von Duprin Panic rim devices.	1,124.73	34.16
		For Owner Furnished Material, Deduct	*-988.08*	
08 71 11 00-2230	EA	7'-3" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin 9954-73) Note: For use with Von Duprin Panic rim devices.	1,054.73	28.47
		For Owner Furnished Material, Deduct	*-940.85*	
08 71 11 00-2231	EA	8'-3" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin 9954-83) Note: For use with Von Duprin Panic rim devices.	1,103.62	28.47
		For Owner Furnished Material, Deduct	*-989.74*	
08 71 11 00-2232	EA	10'-3" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin 9954-103) Note: For use with Von Duprin Panic rim devices.	1,202.73	28.47
		For Owner Furnished Material, Deduct	*-1,088.85*	
08 71 11 00-2233	EA	7'-5" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin KR9954-75) Note: For use with Von Duprin Panic rim devices.	1,636.46	34.16
		For Owner Furnished Material, Deduct	*-1,499.81*	
08 71 11 00-2234	EA	8'-5" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin KR9954-85) Note: For use with Von Duprin Panic rim devices.	1,685.35	34.16
		For Owner Furnished Material, Deduct	*-1,548.70*	
08 71 11 00-2235	EA	10'-5" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin KR9954-105) Note: For use with Von Duprin Panic rim devices.	3,221.77	34.16
		For Owner Furnished Material, Deduct	*-3,085.12*	
08 71 11 00-2236	EA	Mullion Stabilizer Set (Von Duprin 154) Note: For use with Von Duprin Panic rim devices.	122.82	22.77
		For Owner Furnished Material, Deduct	*-77.27*	

08 71 11 00-2237 Cross Bar Exit Device, Narrow Stile, Von Duprin Series 55 *(08 71 11 00-2132)*

Note: Grade 1, BHMA 156.3.

08 71 11 00-2238	EA	42" Crossbar Exit Device, Rim Type, Narrow Stile Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 55.	2,309.56	128.11
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*247.96*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*285.35*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*375.87*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*409.33*	
08 71 11 00-2239	EA	42" Crossbar Exit Device, Concealed Vertical Rod, Narrow Stile Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5547.	2,973.20	176.51
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*315.08*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*362.59*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*477.61*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*520.12*	
08 71 11 00-2240	EA	42" Crossbar Exit Device, Concealed Vertical Rod, Narrow Stile, Fire Rated Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5547-F.	3,252.41	176.51
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*350.26*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*403.07*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*530.94*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*578.20*	
08 71 11 00-2241	EA	42" Crossbar Exit Device, Wood Door Concealed Vertical Rod, Narrow Stile Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5547WDC.	3,042.23	176.51
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*323.77*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*372.60*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*490.80*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*534.48*	
08 71 11 00-2242	EA	42" Crossbar Exit Device, Wood Door Concealed Vertical Rod, Narrow Stile, Fire Rated Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5547WDC-F.	3,313.20	176.51
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*357.92*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*411.89*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*542.55*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*590.84*	
08 71 11 00-2243	EA	42" Crossbar Exit Device, Mortise Lock, Narrow Stile Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5575.	2,304.28	159.43
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*236.53*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*272.20*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*358.55*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*390.47*	
08 71 11 00-2244	EA	42" Crossbar Exit Device, Mortise Lock, Narrow Stile, Fire Rated Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5575-F.	2,486.65	159.43
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*259.51*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*298.64*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*393.39*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*428.40*	
08 71 11 00-2245	EA	Dummy Trim (DT) Pull Bracket, Von Duprin Series 55 Note: Anodized finish: dull brass or dull bronze.	395.92	21.35
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*42.71*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*49.15*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*64.75*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*70.51*	
08 71 11 00-2246	EA	Cylinder Assembly, Von Duprin Series 55 Note: Anodized finish: dull brass or dull bronze.	175.54	30.17
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*12.07*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*13.89*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*18.30*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*19.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2247	EA	Night Latch Pull Trim (NL) With Cylinder, Von Duprin Series 55	661.30	30.17
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*73.28*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*84.33*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*111.08*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*120.97*	
08 71 11 00-2248	EA	Thumbturn Trim (376T) With Cylinder, Von Duprin Series 55	707.82	42.71
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*74.84*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*86.12*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*113.44*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*123.54*	
08 71 11 00-2249	EA	Thumbturn - Blank Escutcheon (376T-BE), Von Duprin Series 55	581.64	42.71
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*58.94*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*67.83*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*89.34*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*97.29*	
08 71 11 00-2250	EA	Lever Trim (371L) With Cylinder, Von Duprin Series 55	707.82	42.71
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*74.84*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*86.12*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*113.44*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*123.54*	
08 71 11 00-2251	EA	Lever Trim (575L) With Cylinder, Von Duprin Series 55	817.04	42.71
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*88.60*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*101.96*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*134.30*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*146.26*	
08 71 11 00-2252		Cross Bar Exit Device, Von Duprin Series 88 *(08 71 11 00-2132)*		
		Note: Grade 1, BHMA 156.3.		
08 71 11 00-2253	EA	42" Crossbar, Rim Type, Exit Device	1,457.48	128.11
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 88.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*34.59*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*35.71*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*304.62*	
08 71 11 00-2254	EA	42" Crossbar, Fire Rated, Rim Type, Exit Device	1,703.73	128.11
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 88-F.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*42.22*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*43.59*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*371.85*	
08 71 11 00-2255	EA	42" Crossbar, Surface Vertical Rods, Exit Device	1,887.46	153.74
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8827.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*45.80*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*47.28*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*403.35*	
08 71 11 00-2256	EA	42" Crossbar, Fire Rated, Surface Vertical Rods, Exit Device	2,420.12	153.74
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8827-F.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*62.31*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*64.32*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*548.77*	
08 71 11 00-2257	EA	42" Crossbar, Concealed Vertical Rods, Exit Device	1,816.04	176.51
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8847.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*41.65*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*42.99*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*366.76*	
08 71 11 00-2258	EA	42" Crossbar, Fire Rated, Concealed Vertical Rods, Exit Device	2,300.40	176.51
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8847-F.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*56.66*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*58.49*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*498.99*	
08 71 11 00-2259	EA	42" Crossbar, Mortise Lock, Exit Device	1,951.91	159.43
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8875.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*47.27*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*48.80*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*416.29*	
08 71 11 00-2260	EA	42" Crossbar, Fire Rated, Mortise Lock, Exit Device	2,077.62	159.43
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8875-F.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*51.17*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*52.82*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*450.61*	
08 71 11 00-2261	EA	Dummy Trim (Von Duprin Series 88, DT)	219.74	21.35
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*5.05*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*5.21*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*44.44*	
08 71 11 00-2262	EA	Night Latch Pull Trim With Cylinder (Von Duprin Series 88, NL)	344.98	28.47
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*8.22*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*8.49*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*72.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2263	EA	Thumbturn Trim With Cylinder (Von Duprin Series 88, 376T Or 377T) Note: Anodized finish: dull brass or dull bronze.	614.62	42.71
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*15.52*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*16.02*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*136.70*	
08 71 11 00-2264	EA	Lever Trim With Cylinder (Von Duprin Series 88, 373L) Note: Anodized finish: dull brass or dull bronze.	573.40	42.71
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*14.25*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*14.70*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*125.45*	
08 71 11 00-2265	EA	Knob Trim With Cylinder (Von Duprin Series 88, K) Note: Anodized finish: dull brass or dull bronze.	426.54	42.71
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*9.69*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*10.01*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*85.36*	
08 71 11 00-2266	EA	Thumbpiece Trim With Cylinder (Von Duprin Series 88, TP) Note: Anodized finish: dull brass or dull bronze.	426.54	42.71
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*9.69*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*10.01*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*85.36*	
08 71 11 00-2267		**Push Bar Exit Device, Precision Hardware Apex 2000 Series** *(08 71 11 00-2132)* Note: Grade 1, BHMA 156.3. Anodized Aluminum Finish.		
08 71 11 00-2268	EA	3' Push Bar Exit Device, Rim Type (Precision Hardware 2100 Series)	2,201.17	128.11
		For 4' Push Bar, Add	*13.87*	
		For Owner Furnished Material, Deduct	*-1,859.53*	
08 71 11 00-2269	EA	3' Push Bar Exit Device, Rim Type, Fire Rated (Precision Hardware 2100 Series)	2,328.94	128.11
		For 4' Push Bar, Add	*13.87*	
		For Owner Furnished Material, Deduct	*-1,987.30*	
08 71 11 00-2270	EA	3' Push Bar Exit Device, Surface Vertical Rod (Top Only) (Precision Hardware 2200 Series)	3,034.49	153.74
		For 4' Push Bar, Add	*13.87*	
		For Owner Furnished Material, Deduct	*-2,624.52*	
08 71 11 00-2271	EA	3' Push Bar Exit Device, Surface Vertical Rod (Top Only), Fire Rated (Precision Hardware 2200 Series)	3,162.26	153.74
		For 4' Push Bar, Add	*13.87*	
		For Owner Furnished Material, Deduct	*-2,752.29*	
08 71 11 00-2272	EA	Exit Only, Cover Plate, Lever/Knob Trim (Precision 4901)	267.49	17.09
		For Owner Furnished Material, Deduct	*-221.94*	
08 71 11 00-2273	EA	Exit Only, Dummy Trim, Lever/Knob Trim (Precision 4902A)	731.14	21.35
		For Owner Furnished Material, Deduct	*-674.20*	
08 71 11 00-2274	EA	Key Retracts Latchbolt, Lever/Knob Trim (Precision 4903A)	788.08	42.71
		For Owner Furnished Material, Deduct	*-674.20*	
08 71 11 00-2275	EA	Key Controls Lever/Knob, Lever/Knob Trim (Precision 4908A)	956.22	42.71
		For Owner Furnished Material, Deduct	*-842.34*	
08 71 11 00-2276	EA	Key Controls Lever, Lever/Knob Trim (Precision V4908A)	956.22	42.71
		For Owner Furnished Material, Deduct	*-842.34*	
08 71 11 00-2277	EA	Lever/Knob Always Active, Lever/Knob Trim (Precision 4914A)	956.22	42.71
		For Owner Furnished Material, Deduct	*-842.34*	
08 71 11 00-2278	EA	Exit Only, Cover Plate, Pull Trim (Precision 1701)	193.49	17.09
		For Owner Furnished Material, Deduct	*-147.94*	
08 71 11 00-2279	EA	Exit Only, Dummy Trim, Pull Trim (Precision 1702A)	423.47	21.35
		For Owner Furnished Material, Deduct	*-366.53*	
08 71 11 00-2280	EA	Key Retracts Latchbolt, Pull Trim (Precision 1703A)	446.25	28.47
		For Owner Furnished Material, Deduct	*-366.53*	
08 71 11 00-2281	EA	Key Controls Thumb Piece, Pull Trim (Precision 1705A)	628.35	42.71
		For Owner Furnished Material, Deduct	*-514.47*	
08 71 11 00-2282	EA	Thumb Piece Always Active, Pull Trim (Precision 1715A)	628.35	42.71
		For Owner Furnished Material, Deduct	*-514.47*	
08 71 11 00-2283		**Door Closers** *(08 71 11)* Note: Includes standard cover and arm.		
08 71 11 00-2284	EA	Surface Mounted Standard Duty Door Closer (LCN 1460 Series)	501.99	33.02
		For Delayed Action, Add	*12.60*	
		For AVB (5 Lb. Per Push), Add	*6.60*	
		For Fusible Link Arm, Add	*39.60*	
		For Shock Absorbing Arm, Add	*19.80*	
		For Hold Open Arm, Add	*13.80*	
		For Plated Brass Finish, Add	*101.40*	
		For Plated Finish With Clear Coat, Add	*127.20*	
		For Parallel Arm, Add	*22.40*	
08 71 11 00-2285	EA	Surface Mounted Heavy-Duty Door Closer (LCN 4010/4020/4110 Series)	615.02	33.02
		For Delayed Action, Add	*12.60*	
		For AVB (5 Lb. Per Push), Add	*6.60*	
		For Fusible Link Arm, Add	*39.60*	
		For Shock Absorbing Arm, Add	*19.80*	
		For Hold Open Arm, Add	*13.80*	
		For Plated Brass Finish, Add	*101.40*	
		For Plated Finish With Clear Coat, Add	*127.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2286	EA	Surface Mounted Heavy-Duty Door Closer (LCN 4040XP/4041 Series)	632.99	33.02
		For Delayed Action, Add	*12.60*	
		For AVB (5 Lb. Per Push), Add	*6.60*	
		For Fusible Link Arm, Add	*39.60*	
		For Shock Absorbing Arm, Add	*19.80*	
		For Hold Open Arm, Add	*13.80*	
		For Plated Brass Finish, Add	*101.40*	
		For Plated Finish With Clear Coat, Add	*127.20*	
		For Spring Cush Arm, Add	*67.20*	
		For Parallel Arm And PA Shoe, Add	*22.40*	
		For Stainless Steel Finish, Add	*145.00*	
08 71 11 00-2287	EA	Surface Mounted High Security Door Closer With Metal Cover (LCN 4510)	655.48	33.02
		For Delayed Action, Add	*12.60*	
		For AVB (5 Lb. Per Push), Add	*6.60*	
		For Fusible Link Arm, Add	*39.60*	
		For Shock Absorbing Arm, Add	*19.80*	
		For Hold Open Arm, Add	*13.80*	
		For Plated Brass Finish, Add	*101.40*	
		For Plated Finish With Clear Coat, Add	*127.20*	
08 71 11 00-2288	EA	Surface Mounted Standard Duty Door Closer (Norton 8301)	417.34	33.02
		For Parallel Arm, Add	*22.40*	
08 71 11 00-2289	EA	Surface Mounted Standard Duty Door Closer (Norton 8501)	421.12	33.02
		For Parallel Arm, Add	*22.40*	
08 71 11 00-2290	EA	Screen Door - Closer	57.16	12.39
08 71 11 00-2291	EA	Screen Door - Locking Handle	62.15	17.78
08 71 11 00-2292	EA	Surface Mounted Meduim Duty Door Closer - Cal Royal Series 900	390.47	33.02
		For Owner Furnished Material, Deduct	*-215.27*	
08 71 11 00-2293	EA	Multi Point Hold Open Heavy-Duty Electrically Controlled Door Closer (LCN 4310ME Series)	1,499.30	33.02
		For Owner Furnished Material, Deduct	*-1,324.10*	

08 71 11 00-2294 Concealed Door Closers *(08 71 11)*

08 71 11 00-2295	EA	Non-Hold Open, Floor Concealed Door Closer (Rixson 27/28)	1,414.30	97.93
08 71 11 00-2296	EA	Selective Hold Open, Floor Concealed Door Closer (Rixson 27/27)	1,520.23	97.93
08 71 11 00-2297	EA	Concealed (In Door) Overhead Door Closer (LCN 3130)	726.67	39.86
		For Hold Open Arm, Add	*13.80*	
		For Plated Brass Finish, Add	*101.40*	
		For Plated Finish With Clear Coat, Add	*127.20*	
08 71 11 00-2298	EA	Concealed (In Frame) Overhead Door Closer (LCN 5010)	788.64	39.86
		For Delayed Action, Add	*12.60*	
		For Hold Open Arm, Add	*13.80*	
		For Plated Brass Finish, Add	*101.40*	
		For Plated Finish With Clear Coat, Add	*127.20*	

08 71 11 00-2299 Locks And Latches *(08 71 11)*

Note: All locksets are supplied with strike plate, knob, lever or thumb piece, set of 3 keys and include a core. Multi purchase locksets can be keyed alike and to an existing master key (when required). The cost for boring hole or preparing mortise is included with the new door.

08 71 11 00-2300 Locksmith Services *(08 71 11 00-2299)*

08 71 11 00-2301	EA	Provide Extra Keys (Above The Three Provided For New Locks) Or Duplicate Keys	2.18	
		For >50, Deduct	*-0.44*	
08 71 11 00-2302	EA	Rekey Existing Cylinder To Match Existing Cylinders Or Master Key	136.71	
		For >5, Deduct	*-13.67*	
08 71 11 00-2303	EA	Removal And Replacement Of Cylinder With Owner Supplied Cylinder	136.71	
		For >5, Deduct	*-13.67*	
08 71 11 00-2304	EA	Removal And Replacement Of Cylinder With New Cylinder Note: Excludes core.	159.90	
		For >5, Deduct	*-13.67*	
08 71 11 00-2305	EA	Open Locked Doors	136.71	
08 71 11 00-2306	EA	Install Owner Furnished Cores And Cylinders	57.34	

08 71 11 00-2307 Mortise Locksets And Latchsets *(08 71 11 00-2299)*

Note: Satin chrome plated US 26D (BHMA 626) - BHMA 156.13 Grade 1. Levers or knobs.

08 71 11 00-2308	EA	Passage/Closet F01 Mortise Latchset Note: Both sides always unlocked.	862.86	28.47
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*24.72*	
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*22.47*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*37.45*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*264.39*	
08 71 11 00-2309	EA	Bath/Bedroom Privacy F02/F19 Mortise Lockset Note: Locked with thumb knob inside.	1,029.28	28.47
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*30.21*	
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*27.46*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*45.77*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*323.14*	
08 71 11 00-2310	EA	Entrance/Office F04 Mortise Lockset Note: Locked with key outside and thumb knob inside.	1,146.99	28.47
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*34.09*	
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*30.99*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*51.66*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*364.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2311	EA	Classroom F05 Mortise Lockset	1,069.67	28.47
		Note: Locked with key outside. Inside always unlocked.		
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*31.54*	
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*28.67*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*47.79*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*337.39*	
		For Security Function (Double Cylinder) With Visual Indicator, Add	*81.32*	
08 71 11 00-2312	EA	Storeroom/Closet F07 Mortise Lockset	1,069.67	28.47
		Note: Locked with key outside. Inside always unlocked. Fixed outside handle.		
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*31.54*	
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*28.67*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*47.79*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*337.39*	
08 71 11 00-2313	EA	Entrance F08 Mortise Lockset	1,196.28	28.47
		Note: Locked with key outside and thumb knob inside.		
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*35.72*	
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*32.47*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*54.12*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*382.09*	
08 71 11 00-2314	EA	Dormitory/Exit F13 Mortise Lockset	1,028.12	28.47
		Note: Locked with key outside and thumb knob inside.		
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*30.17*	
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*27.43*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*45.71*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*322.73*	
08 71 11 00-2315		Mortise Locksets And Latchsets (Corbin Russwin) *(08 71 11 00-2299)*		
		Note: Satin chrome plated US 26D (BHMA 626) - BHMA 156.13 Grade 1. Levers or knobs.		
08 71 11 00-2316	EA	Storeroom Mortise Lockset (Corbin Russwin ML2057-LWN)	790.16	28.47
		Note: Satin Chrome Finish (626)		
08 71 11 00-2317	EA	Classroom Mortise Lockset (Corbin Russwin ML2055-LWN)	790.27	28.47
		Note: Satin Chrome Finish (626)		
08 71 11 00-2318	EA	Office Mortise Lockset (Corbin Russwin ML2051-LWN)	790.27	28.47
		Note: Satin Chrome Finish (626)		
08 71 11 00-2319	EA	Privacy Mortise Lockset (Corbin Russwin ML2060)	726.74	28.47
		Note: Satin Chrome Finish (626)		
08 71 11 00-2320	EA	Passage Mortise Lockset (Corbin Russwin ML2010-LWN)	711.38	28.47
		Note: Satin Chrome Finish (626)		
08 71 11 00-2321		Electrically Controlled Mortise Locksets And Latchsets (Corbin Russwin) *(08 71 11 00-2299)*		
		Note: Satin chrome plated US 26D (BHMA 626)		
08 71 11 00-2322	EA	Electrically Controlled Mortise Lock - Single Cylinder, Lever (Corbin Russwin ML20906 LWA)	984.08	28.47
		Note: Satin Chrome Finish (626)		
08 71 11 00-2323		Locks And Latches *(08 71 11 00-2299)*		
08 71 11 00-2324		Preassembled Locks And Latches *(08 71 11 00-2323)*		
		Note: Satin chrome plated US 26D (BHMA 626) - BHMA 156.2-1989 Grade 1, with knob handles.		
08 71 11 00-2325	EA	Passage/Closet F36 Pre-Assembled Latchset (Corbin Russwin UT5210)	1,963.25	28.47
		Note: Both sides always unlocked.		
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*56.34*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*93.89*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*662.88*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*349.28*	
		For Grade 2, Deduct	*-730.48*	
08 71 11 00-2326	EA	Bath/Bedroom Privacy F37 Pre-Assembled Lockset (Corbin Russwin UT5220)	2,127.42	28.47
		Note: Locked with push button inside.		
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*61.26*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*102.10*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*720.83*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*379.81*	
		For Grade 2, Deduct	*-794.34*	
08 71 11 00-2327	EA	Entrance/Office F41 Pre-Assembled Lockset (Corbin Russwin UT5261)	2,421.79	28.47
		Note: Locked with key outside and push button inside.		
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*70.09*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*116.82*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*824.74*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*434.57*	
		For Grade 2, Deduct	*-908.85*	
08 71 11 00-2328	EA	Classroom F42 Pre-Assembled Lockset (Corbin Russwin UT5255)	2,421.79	28.47
		Note: Locked with key outside. Inside always unlocked.		
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*70.09*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*116.82*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*824.74*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*434.57*	
		For Grade 2, Deduct	*-908.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2329	EA	Storeroom/Closet F44 Pre-Assembled Lockset (Corbin Russwin UT5257)	2,421.79	28.47
		Note: Locked with key outside. Inside always unlocked. Fixed outside handle.		
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*70.09*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*116.82*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*824.74*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*434.57*	
		For Grade 2, Deduct	*-908.85*	
08 71 11 00-2330		**Bored Locks And Latches** *(08 71 11 00-2323)*		
		Note: Satin chrome plated US 26D (BHMA 626) - BHMA 156.2-1989, Grade 1, 6 pins or 7 pins. Levers or knobs.		
08 71 11 00-2331	EA	Passage/Closet F75 Bored Latchset	301.29	28.47
		Note: Both sides always unlocked.		
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*5.62*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*9.37*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*66.16*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*34.86*	
		For Grade 2, Deduct	*-9.37*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*3.75*	
		For Interchangeable Core, Add	*9.45*	
08 71 11 00-2332	EA	Bath/Bedroom Privacy F76 Bored Lockset	345.98	28.47
		Note: Locked with push button inside.		
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*6.96*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*11.61*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*81.93*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*43.17*	
		For Grade 2, Deduct	*-11.61*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*4.64*	
		For Interchangeable Core, Add	*9.45*	
08 71 11 00-2333	EA	Entrance/Office F82 Bored Lockset	382.02	28.47
		Note: Locked with key outside and push button inside.		
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*8.04*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*13.41*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*94.65*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*49.87*	
		For Grade 2, Deduct	*-13.41*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*5.36*	
		For Interchangeable Core, Add	*9.45*	
08 71 11 00-2334	EA	Classroom F84 Bored Lockset	382.02	28.47
		Note: Locked with key outside. Inside always unlocked.		
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*8.04*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*13.41*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*94.65*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*49.87*	
		For Grade 2, Deduct	*-13.41*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*5.36*	
		For Interchangeable Core, Add	*9.45*	
08 71 11 00-2335	EA	Storeroom/Closet F86 Bored Lockset	382.02	28.47
		Note: Locked with key outside. Inside always unlocked. Fixed outside handle.		
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*8.04*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*13.41*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*94.65*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*49.87*	
		For Grade 2, Deduct	*-13.41*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*5.36*	
		For Interchangeable Core, Add	*9.45*	
08 71 11 00-2336	EA	Corridor/Dormitory F90 Bored Lockset	382.02	28.47
		Note: Locked with key outside and push button inside.		
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*8.04*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*13.41*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*94.65*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*49.87*	
		For Grade 2, Deduct	*-13.41*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*5.36*	
		For Interchangeable Core, Add	*9.45*	
08 71 11 00-2337		**Electrified Cylinder Lever Locksets (Corbin Russwin)** *(08 71 11 00-2323)*		
		Note: Satin chrome plated US 26D (BHMA 626)		
08 71 11 00-2338	EA	Electrified Lockset (Corbin Russwin CL33905 NZD)	949.88	28.47
		Note: Satin chrome plated US26D (BHMA 626)		
		For Owner Furnished Material, Deduct	*-836.00*	
08 71 11 00-2339		**Occupancy Indicator Locks** *(08 71 11 00-2323)*		
08 71 11 00-2340	EA	Occupancy Indicator Deadbolt With Thumbturn (Schlage B571)	145.71	28.46
		Note: Standard finish is satin chrome		
		For Bright Brass Finish, Add	*5.28*	
		For Oil Rubbed Bronze Finish, Add	*14.12*	
		For Aged Bronze Finish, Add	*5.28*	
		For Satin Nickel Finish, Add	*5.28*	
08 71 11 00-2341	EA	Occupancy Indicator Lock And Lever (Vizilok C3F)	220.24	28.46
		Note: Included finishes are satin chrome, satin nickel, & polished chrome. Lever on both sides		
		For Oil Rubbed Bronze Finish, Add	*5.73*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2342		**Other Locks** *(08 71 11 00-2299)* Note: BHMA A156.5.		
08 71 11 00-2343	PR	Screen Door - Hinges	34.62	9.87
08 71 11 00-2344	EA	Steel Exit Lock With Alarm, Single Door Satin Chrome Plated, BHMA E0421	1,010.35	148.04
08 71 11 00-2345	EA	Exit Lock With Alarm At Active Leaf And Vertical Rod - Inactive Leaf Rod For Inactive Leaf (Pair Doors) Steel With Satin Chrome Plating BHMA - E0461	2,314.69	296.09
08 71 11 00-2346		**Pushbutton Combination Locks** *(08 71 11 00-2299)*		
08 71 11 00-2347		**Mechanical Pushbutton Combination Locks** *(08 71 11 00-2346)* Note: Passage option allows access without using the lock entry code and is activated from the inside with a thumbturn or key. Lockout option disables the lock from the inside so that the entry code cannot be used to gain access.		
08 71 11 00-2348		**Mechanical Pushbutton Combination Locks (Kaba® Simplex® 1000 Series)** *(08 71 11 00-2347)* Note: Satin chrome or antique brass finish.		
08 71 11 00-2349	EA	Five Button, Cylindrical Locking Device, Mechanical Pushbutton Combination Lock, Knob (Kaba® Simplex® 1011 Series)	847.47	71.69
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
		For Schlage Core, Add	*49.35*	
		For Fire Rated, Add	*67.52*	
08 71 11 00-2350	EA	Five Button, Cylindrical Locking Device With Passage, Mechanical Pushbutton Combination Lock, Knob (Kaba® Simplex® 1311 Series)	913.44	71.69
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
		For Schlage Core, Add	*49.35*	
		For Fire Rated, Add	*67.52*	
08 71 11 00-2351	EA	Five Button, Cylindrical Locking Device, Mechanical Pushbutton Combination Lock With Key Override, Knob (Kaba® Simplex® 1021 Series)	939.82	71.69
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
		For Schlage Core, Add	*49.35*	
		For Fire Rated, Add	*67.52*	
08 71 11 00-2352	EA	Five Button, Cylindrical Locking Device With Passage, Mechanical Pushbutton Combination Lock With Key Override, Knob (Kaba® Simplex® 1041 Series)	1,005.79	71.69
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
		For Schlage Core, Add	*49.35*	
		For Fire Rated, Add	*67.52*	
08 71 11 00-2353	EA	Five Button, Cylindrical Locking Device, Mechanical Pushbutton Combination Lock, Lever (Kaba® Simplex® L1011 Series)	959.61	71.69
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
		For Schlage Core, Add	*49.35*	
		For Fire Rated, Add	*67.52*	
08 71 11 00-2354	EA	Five Button, Cylindrical Locking Device With Passage, Mechanical Pushbutton Combination Lock, Lever (Kaba® Simplex® L1031 Series)	1,025.58	71.69
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
		For Schlage Core, Add	*49.35*	
		For Fire Rated, Add	*67.52*	
08 71 11 00-2355	EA	Five Button, Cylindrical Locking Device, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® L1021 Series)	1,051.97	71.69
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
		For Schlage Core, Add	*49.35*	
		For Fire Rated, Add	*67.52*	
08 71 11 00-2356	EA	Five Button, Cylindrical Locking Device With Passage, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® L1041 Series)	1,117.94	71.69
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
		For Schlage Core, Add	*49.35*	
		For Fire Rated, Add	*67.52*	
08 71 11 00-2357		**Mechanical Pushbutton Combination Locks (Kaba® Simplex® 5000 Series)** *(08 71 11 00-2347)* Note: ANSI/BHMA Grade 1, Satin chrome finish or black with satin chrome accents.		
08 71 11 00-2358	EA	Five Button, Cylindrical Locking Device, Mechanical Pushbutton Combination Lock With Key Override, Knob Or Lever (Kaba® Simplex® 5000 Series)	943.78	71.69
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Schlage Core, Add	*49.35*	
08 71 11 00-2359	EA	Five Button, Cylindrical Locking Device With Passage, Mechanical Pushbutton Combination Lock With Key Override, Knob Or Lever (Kaba® Simplex® 5000 Series)	996.56	71.69
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Schlage Core, Add	*49.35*	
08 71 11 00-2360	EA	Five Button, Mortise Locking Device, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 5000 Series)	1,102.10	71.69
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Schlage Core, Add	*49.35*	
08 71 11 00-2361	EA	Five Button, Mortise Locking Device With Passage, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 5000 Series)	1,141.69	71.69
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Schlage Core, Add	*49.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2362	EA	Five Button, Mortise Locking Device With Deadbolt And Lockout, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 5000 Series)	1,141.69	71.69
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Schlage Core, Add	*49.35*	
08 71 11 00-2363	EA	Five Button, Exit Trim, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 5000 Series)	1,075.72	71.69
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Schlage Core, Add	*49.35*	

08 71 11 00-2364 Mechanical Pushbutton Combination Locks (Kaba® Simplex® 8100 Series)

(08 71 11 00-2347)

Note: Satin chrome or antique brass finish.

08 71 11 00-2365	EA	Five Button, Mortise Locking Device With Passage And Lockout, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 8100 Series)	1,150.92	71.69
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
		For Schlage Core, Add	*49.35*	
08 71 11 00-2366	EA	Five Button, Mortise Locking Device With Deadbolt, Passage And Lockout, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 8100 Series)	1,190.50	71.69
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
		For Schlage Core, Add	*49.35*	

08 71 11 00-2367 Mechanical Pushbutton Combination Locks (Kaba® Simplex® LD 450/470)

(08 71 11 00-2347)

Note: Satin stainless, bright brass or antique brass finish.

08 71 11 00-2368	EA	Twelve Button, Tubular Latch Locking Device, Light Duty, Mechanical Pushbutton Combination Lock, Knob (Kaba® Simplex® LD 450 Series)	468.81	71.69
		For Schlage Core, Add	*49.35*	
08 71 11 00-2369	EA	Twelve Button, Tubular Latch Locking Device With Passage, Light Duty, Mechanical Pushbutton Combination Lock, Lever (Kaba® Simplex® LD 470 Series)	642.97	71.69
		For Schlage Core, Add	*49.35*	

08 71 11 00-2370 Electrical Pushbutton Combination Locks *(08 71 11 00-2346)*

Note: Privacy option limits access to privileged users (master codes).

08 71 11 00-2371 Electrical Pushbutton Combination Locks (Kaba® E-Plex® 2000 Series) *(08 71 11 00-2370)*

Note: ANSI/BHMA Grade 1. Satin chrome finish. Includes 100 access codes and 1,000 audit events.

08 71 11 00-2372	EA	Twelve Button, Cylindrical Locking Device, Electrical Pushbutton Combination Lock, Lever (Kaba® E-Plex® 2000 Series)	880.45	71.69
		For Satin Brass Finish, Add	*17.50*	
08 71 11 00-2373	EA	Twelve Button, Mortise Locking Device, Electrical Pushbutton Combination Lock, Lever (Kaba® E-Plex® 2000 Series)	1,038.78	71.69
		For Satin Brass Finish, Add	*17.50*	
08 71 11 00-2374	EA	Twelve Button, Mortise Locking Device With Deadbolt, Electrical Pushbutton Combination Lock, Lever (Kaba® E-Plex® 2000 Series)	1,078.36	71.69
		For Satin Brass Finish, Add	*17.50*	
08 71 11 00-2375	EA	Twelve Button, Exit Trim, Electrical Pushbutton Combination Lock, Lever (Kaba® E-Plex® 2000 Series)	1,012.39	71.69
		For Satin Brass Finish, Add	*17.50*	
08 71 11 00-2376	EA	Twelve Button, Cylindrical Locking Device, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 2000 Series)	946.42	71.69
		For Satin Brass Finish, Add	*17.50*	
08 71 11 00-2377	EA	Twelve Button, Cylindrical Locking Device With Privacy, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 2000 Series)	1,078.36	71.69
		For Satin Brass Finish, Add	*17.50*	
08 71 11 00-2378	EA	Twelve Button, Mortise Locking Device, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 2000 Series)	1,104.74	71.69
		For Satin Brass Finish, Add	*17.50*	
08 71 11 00-2379	EA	Twelve Button, Mortise Locking Device With Deadbolt, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 2000 Series)	1,144.32	71.69
		For Satin Brass Finish, Add	*17.50*	
08 71 11 00-2380	EA	Twelve Button, Exit Trim, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 2000 Series)	1,078.36	71.69
		For Satin Brass Finish, Add	*17.50*	

08 71 11 00-2381 Narrow Stile Application, Electrical Pushbutton Combination Locks (Kaba® E-Plex® 3000 Series) *(08 71 11 00-2370)*

Note: ANSI/BHMA Grade 1. Satin chrome finish. Includes 300 access codes and 9,000 audit events.

08 71 11 00-2382	EA	Twelve Button, Mortise Locking Device, Narrow Stile Application, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 3000 Series)	1,144.32	71.69
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*99.01*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2383	EA	Twelve Button, Mortise Locking Device With Deadbolt, Narrow Stile Application, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 3000 Series)	1,144.32	71.69
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*99.01*	
		Note: Excludes momentary contact switch.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2384		Narrow Stile Application, Electrical Pushbutton Combination Locks (Kaba® E-Plex® 3200 Series) *(08 71 11 00-2370)*		
		Note: ANSI/BHMA Grade 1. Satin chrome finish. Includes 3,000 access codes and 30,000 audit events.		
08 71 11 00-2385	EA	Twelve Button, Mortise Locking Device, Narrow Stile Application, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 3200 Series)	1,348.82	71.69
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*99.01*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2386	EA	Twelve Button, Mortise Locking Device With Deadbolt, Narrow Stile Application, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 3200 Series)	1,348.82	71.69
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*99.01*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2387		Electrical Pushbutton Combination Locks (Kaba® E-Plex® 5200 Series) *(08 71 11 00-2370)*		
		Note: ANSI/BHMA Grade 1. Satin chrome finish. Includes 3,000 access codes and 30,000 audit events.		
08 71 11 00-2388	EA	Twelve Button, Cylindrical Locking Device, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 5200 Series)	1,454.37	71.69
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*99.01*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2389	EA	Twelve Button, Cylindrical Locking Device With Privacy, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 5200 Series)	1,586.31	71.69
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*99.01*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2390	EA	Twelve Button, Mortise Locking Device, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 5200 Series)	1,612.70	71.69
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*99.01*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2391	EA	Twelve Button, Mortise Locking Device With Deadbolt, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 5200 Series)	1,652.28	71.69
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*99.01*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2392	EA	Twelve Button, Exit Trim, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 5200 Series)	1,586.31	71.69
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*99.01*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2393		Electrical Pushbutton Combination Lock/Card Readers (Kaba® E-Plex® 5800 Series) *(08 71 11 00-2370)*		
		Note: ANSI/BHMA Grade 1. Satin chrome or black with satin chrome accents finish. Includes 3,000 access codes and 30,000 audit events.		
08 71 11 00-2394	EA	Twelve Button, Cylindrical Locking Device, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5800 Series)	2,081.07	71.69
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*99.01*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2395	EA	Twelve Button, Cylindrical Locking Device With Privacy, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5800 Series)	2,213.01	71.69
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*99.01*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2396	EA	Twelve Button, Mortise Locking Device, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5800 Series)	2,239.39	71.69
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*99.01*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2397	EA	Twelve Button, Mortise Locking Device With Deadbolt, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5800 Series)	2,278.97	71.69
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*99.01*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2398	EA	Twelve Button, Exit Trim, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5800 Series)	2,213.01	71.69
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*99.01*	
		Note: Excludes momentary contact switch.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2399		**Entry/Egress, Electrical Pushbutton Combination Lock/Card Readers (Kaba® E-Plex® 5886 Series)** *(08 71 11 00-2370)* Note: ANSI/BHMA Grade 1. Satin chrome or black with satin chrome accents finish. Includes 3,000 access codes and 30,000 audit events.		
08 71 11 00-2400	EA	Twelve Button, Mortise Locking Device, Entry/Egress, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5886 Series)	2,978.23	71.69
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*35.00*	
08 71 11 00-2401		**Stand-Alone Access Controller, Electrical Pushbutton Combination Lock/Card Readers (Kaba® E-Plex® 5870 Series)** *(08 71 11 00-2370)* Note: ANSI/BHMA Grade 1. Satin chrome or black with satin chrome accents finish. Includes 3,000 access codes and 30,000 audit events.		
08 71 11 00-2402	EA	Twelve Button, Stand-Alone Access Controller, Electrical Pushbutton Combination Lock/Card Reader (Kaba® E-Plex® 5870 Series)	1,850.18	71.69
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
08 71 11 00-2403		**Electrical Pushbutton Combination Lock Accessories (Kaba® E-Plex®)** *(08 71 11 00-2370)*		
08 71 11 00-2404	EA	Standard Software Implementation Kit (Kaba® E-Plex®)	889.07	
08 71 11 00-2405	EA	Enterprise Software Implementation Kit (Kaba® E-Plex®)	1,152.94	
08 71 11 00-2406	EA	E-Plex General FIPS Software Implementation Kit (Kaba® E-Plex®)	1,548.75	
08 71 11 00-2407	EA	USB FIPS/DESFire Card Reader/Enroller (Kaba® E-Plex®)	451.14	
08 71 11 00-2408	EA	High Capacity Battery Kit (Kaba® E-Plex® E5x00 Series) Note: Includes 4 C-cell battery pack.	139.50	
08 71 11 00-2409	EA	12-24 Volt DC Power Interface Kit (Kaba® E-Plex® E5x00 Series)	167.20	
08 71 11 00-2410		**Self-Powered, Electrical Pushbutton Combination Locks (Kaba® PowerPlex® 2000 Series)** *(08 71 11 00-2370)* Note: ANSI/BHMA Grade 1. Satin chrome finish.		
08 71 11 00-2411	EA	Twelve Button, Cylindrical Locking Device, Self-Powered, Electrical Pushbutton Combination Lock, Lever (Kaba® PowerPlex® 2000 Series)	1,111.34	71.69
		For Satin Brass Finish, Add	*17.50*	
		For Owner Furnished Material, Deduct	*-824.60*	
08 71 11 00-2412	EA	Twelve Button, Mortise Locking Device, Self-Powered, Electrical Pushbutton Combination Lock, Lever (Kaba® PowerPlex® 2000 Series)	1,269.66	71.69
		For Satin Brass Finish, Add	*17.50*	
		For Owner Furnished Material, Deduct	*-982.92*	
08 71 11 00-2413	EA	Twelve Button, Mortise Locking Device With Deadbolt, Self-Powered, Electrical Pushbutton Combination Lock, Lever (Kaba® PowerPlex® 2000 Series)	1,309.24	71.69
		For Satin Brass Finish, Add	*17.50*	
		For Owner Furnished Material, Deduct	*-1,022.50*	
08 71 11 00-2414	EA	Twelve Button, Exit Trim, Self-Powered, Electrical Pushbutton Combination Lock, Lever (Kaba® PowerPlex® 2000 Series)	1,243.28	71.69
		For Satin Brass Finish, Add	*17.50*	
		For Owner Furnished Material, Deduct	*-956.54*	
08 71 11 00-2415	EA	Twelve Button, Cylindrical Locking Device, Self-Powered, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® PowerPlex® 2000 Series)	1,177.31	71.69
		For Satin Brass Finish, Add	*17.50*	
		For Owner Furnished Material, Deduct	*-890.57*	
08 71 11 00-2416	EA	Twelve Button, Cylindrical Locking Device With Privacy, Self-Powered, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® PowerPlex® 2000 Series)	1,309.24	71.69
		For Satin Brass Finish, Add	*17.50*	
		For Owner Furnished Material, Deduct	*-1,022.50*	
08 71 11 00-2417	EA	Twelve Button, Mortise Locking Device, Self-Powered, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® PowerPlex® 2000 Series)	1,335.63	71.69
		For Satin Brass Finish, Add	*17.50*	
		For Owner Furnished Material, Deduct	*-1,048.89*	
08 71 11 00-2418	EA	Twelve Button, Mortise Locking Device With Deadbolt, Self-Powered, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® PowerPlex® 2000 Series)	1,375.21	71.69
		For Satin Brass Finish, Add	*17.50*	
		For Owner Furnished Material, Deduct	*-1,088.47*	
08 71 11 00-2419	EA	Twelve Button, Exit Trim, Self-Powered, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® PowerPlex® 2000 Series)	1,309.24	71.69
		For Satin Brass Finish, Add	*17.50*	
		For Owner Furnished Material, Deduct	*-1,022.50*	
08 71 11 00-2420		**Electrical Pushbutton Combination Locks (Schlage)** *(08 71 11 00-2370)* Note: ANSI/BHMA Grade 1. Satin chrome finish.		
08 71 11 00-2421	EA	Class 100, Cylindrical, Classroom/Storeroom, Keypad, Sparta Lever, Standalone Electronic Lock (Schlage CO100CY70KP626BD-D)	1,043.76	71.17
		For Owner Furnished Material, Deduct	*-759.06*	
08 71 11 00-2422	EA	Class 200, Cylindrical, Classroom/Storeroom, Keypad, Sparta Lever, Standalone Electronic Lock (Schlage CO200CY70KP-D)	1,214.16	71.17
		For Owner Furnished Material, Deduct	*-929.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2423	EA	Class 200, Cylindrical, Classroom/Storeroom, Magnetic Strip + Keypad, Sparta Lever, Standalone Electronic Lock (Schlage CO200CY70MSK626)	1,374.60	71.17
		For Owner Furnished Material, Deduct	*-1,089.90*	
08 71 11 00-2424	EA	Class 200, Cylindrical, Classroom/Storeroom, Keypad, Sparta Lever, Standalone Electronic Lock (Schlage AD200CY70KP626)	1,806.14	71.17
		For Owner Furnished Material, Deduct	*-1,521.44*	
08 71 11 00-2425	EA	Class 200, Cylindrical, Classroom/Storeroom, Magnetic Strip + Keypad, Sparta Lever, Standalone Electronic Lock (Schlage AD200CY70MKS626)	1,977.64	71.17
		For Owner Furnished Material, Deduct	*-1,692.94*	
08 71 11 00-2426	EA	Class 400, Cylindrical, Classroom/Storeroom, Magnetic Strip + Keypad, Sparta Lever, Networked Wireless Electronic Lock (Schlage AD400CY70MSKSPA626)	2,179.03	71.17
		For Owner Furnished Material, Deduct	*-1,894.33*	
08 71 11 00-2427	EA	Class 300, Cylindrical, Classroom/Storeroom, Magnetic Strip + Keypad, Sparta Lever, Networked Wireless Electronic Lock (Schlage AD300CY70MSKSPA626)	1,999.78	71.17
		For Owner Furnished Material, Deduct	*-1,715.08*	
08 71 11 00-2428		**Residential Locks And Latchsets** *(08 71 11 00-2299)*		
08 71 11 00-2429	EA	Residential Entry Lock Core Replacement, Master Keyed - Falcon Or Equal	80.00	
08 71 11 00-2430	EA	Residential Deadbolt Core Replacement, Master Keyed - Falcon Or Equal	86.20	
08 71 11 00-2431	EA	Residential Entry Lockset With Knobs (Master Keyed)	85.45	17.20
08 71 11 00-2432	EA	Residential Privacy Lockset With Knobs	83.58	17.20
08 71 11 00-2433	EA	Residential Passage Lockset With Knobs	83.33	17.20
08 71 11 00-2434	EA	Residential Dummy Lockset With Knobs	65.94	14.34
08 71 11 00-2435	EA	Residential Entry Lockset With Levers (Master Keyed)	98.37	17.20
08 71 11 00-2436	EA	Residential Privacy Lockset With Levers	94.08	17.20
08 71 11 00-2437	EA	Residential Passage Lockset With Levers	90.97	17.20
08 71 11 00-2438	EA	Residential Dummy Lockset With Levers	67.42	14.34
08 71 11 00-2439	EA	Residential F10 Passage Lockset With Levers, Satin Chrome, (Schlage Broadway)	135.81	17.20
		For Owner Furnished Material, Deduct	*-67.00*	
08 71 11 00-2440	EA	Residential F40 Privacy Lockset With Levers, Satin Chrome, (Schlage Broadway)	138.99	17.20
		For Owner Furnished Material, Deduct	*-70.18*	
08 71 11 00-2441	EA	Residential F51 Keyed Entry, Panic Proof Lockset With Levers, Satin Chrome, (Schlage Broadway)	194.35	17.20
		For Owner Furnished Material, Deduct	*-125.54*	
08 71 11 00-2442	EA	Residential F54 Keyed Entry, With Fixed Interior, Lockset With Levers, Satin Chrome, (Schlage Broadway)	166.97	17.20
		For Owner Furnished Material, Deduct	*-98.16*	
08 71 11 00-2443	EA	Residential F170 Dummy Lockset With Levers, Satin Chrome, (Schlage Broadway)	96.69	14.34
		For Owner Furnished Material, Deduct	*-39.35*	
08 71 11 00-2444		**Deadbolts** *(08 71 11 00-2299)*		
08 71 11 00-2445		**Cylindrical Deadbolts, Grade 1, ANSI 156.5** *(08 71 11 00-2444)*		
		Note: 2-3/8" or 2-3/4" backset.		
08 71 11 00-2446	EA	Single Cylinder Deadbolt, Key One Side, Knob One Side	209.48	28.47
		Note: Cylindrical, ANSI Grade 1, interchangeable core, bright brass or satin chromium finish.		
		For Bright Chromium Or Oiled Rubbed Bronze Finish, Add	*4.20*	
08 71 11 00-2447	EA	Double Cylinder Deadbolt, Key Both Sides	240.82	28.47
		Note: Cylindrical, ANSI Grade 1, interchangeable core, bright brass or satin chromium finish.		
		For Bright Chromium Or Oiled Rubbed Bronze Finish, Add	*4.20*	
08 71 11 00-2448		**Cylindrical Deadbolts, Grade 2, ANSI 156.5** *(08 71 11 00-2444)*		
		Note: 2-3/8" or 2-3/4" backset.		
08 71 11 00-2449	EA	Single Cylinder Deadbolt, Key One Side, Knob One Side	188.01	28.47
		Note: Cylindrical, ANSI Grade 2, interchangeable core, bright brass or satin chromium finish.		
		For Bright Chromium Or Oiled Rubbed Bronze Finish, Add	*4.20*	
08 71 11 00-2450	EA	Double Cylinder Deadbolt, Key Both Sides	222.25	28.47
		Note: Cylindrical, ANSI Grade 2, interchangeable core, bright brass or satin chromium finish.		
		For Bright Chromium Or Oiled Rubbed Bronze Finish, Add	*4.20*	
08 71 11 00-2451		**Small Case Mortised Deadbolts, Grade 1, ANSI 156.5** *(08 71 11 00-2444)*		
		Note: Interchangeable cores with small case size, 4-1/2" x 3-1/2" nominal.		
08 71 11 00-2452	EA	Small Case Mortised Deadbolt, Key One Side, Knob One Side	271.71	28.47
		Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 3-1/2" (nominal).		
08 71 11 00-2453	EA	Small Case Mortised Deadbolt, Key Both Sides	300.72	28.47
		Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 3-1/2" (nominal). Also used for Classroom version.		
08 71 11 00-2454	EA	Small Case Mortised Deadbolt, Key One Side, Cover Plate One Side	265.91	28.47
		Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 3-1/2" (nominal).		
08 71 11 00-2455		**Mortised Deadbolts, Grade 1, ANSI 156.5** *(08 71 11 00-2444)*		
		Note: Interchangeable cores with standard case size, 4-1/2" x 6" nominal.		
08 71 11 00-2456	EA	Mortised Deadbolt, Key One Side, Knob One Side	350.63	28.47
		Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 6" (nominal).		
08 71 11 00-2457	EA	Mortised Deadbolt, Key Both Sides	398.21	28.47
		Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 6" (nominal). Also used for Classroom version.		
08 71 11 00-2458	EA	Mortised Deadbolt, Key One Side, Cover Plate One Side	310.01	28.47
		Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 6" (nominal).		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2459		**Surface Mounted Deadbolts** *(08 71 11 00-2444)*		
08 71 11 00-2460	EA	Single Cylinder Surface Mounted Deadbolt Note: Key one side, knob one side, bright brass finish.	141.26	28.47
		For Brushed Chrome Finish, Add	*10.50*	
08 71 11 00-2461	EA	Double Cylinder Surface Mounted Deadbolt Note: Key both sides, bright brass finish.	162.23	28.47
		For Brushed Chrome Finish, Add	*10.50*	
08 71 11 00-2462	EA	Single Cylinder Surface Mounted Interlocking Deadbolt Note: Jimmy proof, key one side, knob one side, bright brass finish.	178.90	28.47
		For Brushed Chrome Finish, Add	*10.50*	
08 71 11 00-2463	EA	Double Cylinder Surface Mounted Interlocking Deadbolt Note: Jimmy proof, key both sides, bright brass finish.	199.87	28.47
		For Brushed Chrome Finish, Add	*10.50*	
08 71 11 00-2464		**Surface Mounted Deadlatches** *(08 71 11 00-2299)*		
08 71 11 00-2465	EA	Single Cylinder Surface Mounted Deadlatch Note: Key one side, knob one side, bright brass finish.	142.91	28.47
		For Brushed Chrome Finish, Add	*10.50*	
08 71 11 00-2466	EA	Single Cylinder Surface Mounted Interlocking Deadlatch Note: Jimmy proof, key one side, knob one side, bright brass finish.	178.98	28.47
		For Brushed Chrome Finish, Add	*10.50*	
08 71 11 00-2467		**Electric Strikes** *(08 71 11 00-2299)*		
08 71 11 00-2468	EA	12/24 Volt DC, Fail Safe/Fail Secure, Aluminum/Steel Body Electric Strike (Von Duprin 5100)	376.51	56.94
08 71 11 00-2469	EA	12/24 Volt DC, Fail Secure, Dual Monitor Switch, Stainless Steel Body Electric Strike (Von Duprin 6111) Note: For rim mounted lock	1,137.97	56.94
08 71 11 00-2470	EA	12/24 Volt DC, Fail Secure, Dual Monitor Switch, Stainless Steel Body Electric Strike (Von Duprin 6112) Note: For rim mounted lock	1,086.44	56.94
08 71 11 00-2471	EA	24 Volt DC, Fail Secure, Stainless Steel Body Electric Strike (Von Duprin 6211) Note: For mortise or cylindrical locks	833.27	56.94
08 71 11 00-2472	EA	24 Volt DC, Fail Secure, Dual Monitor Switch, Stainless Steel Body Electric Strike (Von Duprin 6212) Note: For mortise or cylindrical locks	1,143.46	56.94
08 71 11 00-2473	EA	24 Volt DC, Fail Secure, Dual Monitor Switch, Stainless Steel Body Electric Strike (Von Duprin 6213) Note: For mortise or cylindrical locks	1,121.10	56.94
08 71 11 00-2474	EA	24 Volt DC, Fail Secure, Dual Monitor Switch, Stainless Steel Body Electric Strike (Von Duprin 6214) Note: For mortise or cylindrical locks	1,224.25	56.94
08 71 11 00-2475	EA	24 Volt DC, Fail Secure, Dual Monitor Switch, Stainless Steel Body Electric Strike (Von Duprin 6215) Note: For mortise or cylindrical locks	1,138.90	56.94
08 71 11 00-2476	EA	12/24 Volt DC, 2,500 Lb. Static Strength, Stainless Steel Body, Dual Voltage Electric Strike Body Only (HES 1006)	553.70	56.94
08 71 11 00-2477	EA	12/24 Volt DC, 3,000 Lb. Static Strength, Stainless Steel Body, Fire Rated Electric Strike (HES 4500)	688.64	56.94
08 71 11 00-2478	EA	12/24 Volt DC, 1,500 Lb. Static Strength, Steel Body, Low Profile Electric Strike (HES 5000)	329.09	56.94
08 71 11 00-2479	EA	12/24 Volt DC, 1,500 Lb. Static Strength, Steel Body, Adjustable Electric Strike (HES 5200)	329.09	56.94
08 71 11 00-2480	EA	12/24 Volt DC, 1,500 Lb. Static Strength, Cylindrical Or Rim Exit Device, Stainless Steel Body, Electric Strike With Preload (HES 7000)	426.75	56.94
08 71 11 00-2481	EA	12/24 Volt DC, 1,500 Lb. Static Strength, Stainless Steel Body, Cylindrical Lock Electric Strike (HES 7500)	772.15	56.94
08 71 11 00-2482	EA	12/24 Volt DC, 1,500 Lb. Static Strength, Stainless Steel Body, Compact Concealed Electric Strike (HES 8000)	374.32	56.94
08 71 11 00-2483	EA	12/24 Volt DC, 1,500 Lb. Static Strength, Stainless Steel Body, Fire Rated Compact Concealed Electric Strike (HES 8300)	708.36	56.94
08 71 11 00-2484	EA	12/24 Volt DC, 1,500 Lb. Static Strength, Stainless Steel Body,Fire Rated Concealed Electric Strike (HES 8500)	624.15	56.94
08 71 11 00-2485	EA	12/24 Volt DC, 1,500 Lb. Static Strength, Stainless Steel Body, Slim Line Surface Mounted Electric Strike (HES 9400)	739.20	75.16
08 71 11 00-2486	EA	12/24 Volt DC, 1,500 Lb. Static Strength, Rim Exit Device, Stainless Steel Body, Fire Rated Surface Mounted Electric Strike (HES 9500)	844.21	75.16
08 71 11 00-2487	EA	12/24 Volt DC, 1,500 Lb. Static Strength, Rim Exit Device, Stainless Steel Body, Surface Mounted Electric Strike (HES 9600)	739.76	75.16
08 71 11 00-2488		**Electric Hardware** *(08 71 11 00-2299)*		
08 71 11 00-2489	EA	Electrified Cylindrical Lock Option Note: Excludes the lock. This task is used in conjunction with other to electrify the lock.	208.01	
08 71 11 00-2490	EA	Electrified Mortise Lock Option Note: Excludes the lock. This task is used in conjunction with other locks to electrify the lock.	243.11	
08 71 11 00-2491	EA	24" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	123.26	28.47
08 71 11 00-2492	EA	1 Ampere At 12/24 Volt DC, Door Hardware Power Supply	405.87	28.47
08 71 11 00-2493	EA	3 Amperes At 12 Volt DC, 2 Amperes At 24 Volt DC, Door Hardware Power Supply	716.77	28.47
08 71 11 00-2494	EA	4-1/2 Amperes At 12 Volt DC, 3 Amperes At 24 Volt DC, Door Hardware Power Supply	1,107.01	28.47
08 71 11 00-2495	EA	6 Amperes At 12 Volt DC, 4 Amperes At 24 Volt DC, Door Hardware Power Supply	1,224.10	28.47
08 71 11 00-2496	EA	9 Amperes At 12 Volt DC, 6 Amperes At 24 Volt DC, Door Hardware Power Supply	1,464.80	28.47
08 71 11 00-2497	EA	15 Amperes At 12 Volt DC, 10 Amperes At 24 Volt DC, Door Hardware Power Supply	1,780.28	28.47
08 71 11 00-2498	EA	18" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	102.83	28.47
08 71 11 00-2499	EA	24" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	105.24	28.47
08 71 11 00-2500	EA	30" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	120.02	28.47
08 71 11 00-2501	EA	45" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	122.96	28.47
08 71 11 00-2502	EA	60" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	124.45	28.47
08 71 11 00-2503	EA	72" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	132.94	28.47
08 71 11 00-2504	EA	12" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	104.36	28.47
08 71 11 00-2505	EA	18" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	116.21	28.47
08 71 11 00-2506	EA	36" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	125.60	28.47
08 71 11 00-2507	EA	49" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	141.82	28.47

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2508	EA	60" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	146.32	28.47
08 71 11 00-2509	EA	12" Long, 1/2" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	119.17	28.47
08 71 11 00-2510	EA	18" Long, 1/2" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	135.77	28.47
08 71 11 00-2511	EA	18" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	79.75	28.47
08 71 11 00-2512	EA	24" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	92.59	28.47
08 71 11 00-2513	EA	30" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	99.38	28.47
08 71 11 00-2514	EA	36" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	106.64	28.47
08 71 11 00-2515	EA	60" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	144.46	28.47
08 71 11 00-2516	EA	72" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	160.25	28.47
08 71 11 00-2517	EA	12" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	85.00	28.47
08 71 11 00-2518	EA	18" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	89.95	28.47
08 71 11 00-2519	EA	24" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	104.69	28.47
08 71 11 00-2520	EA	36" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	128.14	28.47
08 71 11 00-2521	EA	48" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	149.13	28.47
08 71 11 00-2522	EA	60" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	183.58	28.47
08 71 11 00-2523	EA	12" Long, 1/2" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	93.25	28.47
08 71 11 00-2524	EA	18" Long, 1/2" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	100.84	28.47
08 71 11 00-2525	EA	Two 18 Gauge Wire, Door Frame To Edge Of Door Electrical Power Transfer	758.23	28.47
08 71 11 00-2526	EA	Ten 24 Gauge Wire, Door Frame To Edge Of Door Electrical Power Transfer	822.36	39.86

08 71 11 00-2527 Magnetic Locks *(08 71 11 00-2299)*

08 71 11 00-2528	EA	Electromagnetic Lock, 500 lb. Holding Force, Stainless Steel (Schlage 40)	852.34	136.65
08 71 11 00-2529	EA	Electromagnetic Lock, 500 lb. Holding Force, Stainless Steel (Schlage 40TJ)	1,027.67	153.74
08 71 11 00-2530	EA	Electromagnetic Lock, 1,000 lb. Holding Force, Stainless Steel (Schlage 70)	1,008.23	136.65
08 71 11 00-2531	EA	Electromagnetic Lock, 1,000 lb. Holding Force, Stainless Steel (Schlage 70TJ)	1,183.23	153.74
08 71 11 00-2532	EA	Electromagnetic Lock, 500 lb. Holding Force, Aluminum (Schlage M420)	1,052.77	148.04
08 71 11 00-2533	EA	Electromagnetic Lock, 1,000 lb. Holding Force, Aluminum (Schlage M450)	1,159.68	148.04
08 71 11 00-2534	EA	Electromagnetic Lock, 1500 lb. Holding Force, Aluminum (Schlage M490)	1,242.90	148.04
08 71 11 00-2535	EA	Electromagnetic Lock, 500 lb. Holding Force, Aluminum (Schlage M420P) Note: Includes magnetic bond sensor, door position switch and relock time delay.	1,361.43	170.82
08 71 11 00-2536	EA	Electromagnetic Lock, 1,000 lb. Holding Force, Aluminum (Schlage M450P) Note: Includes magnetic bond sensor, door position switch and relock time delay.	1,503.55	170.82
08 71 11 00-2537	EA	Electromagnetic Lock, 1500 lb. Holding Force, Aluminum (Schlage M490P) Note: Includes magnetic bond sensor, door position switch and relock time delay.	1,567.57	170.82
08 71 11 00-2538	EA	2 Amperes Output Current, 12-24 Volt DC, 4 Relay with Fire Alarm (Schlage PS902)	466.77	56.94
08 71 11 00-2539	EA	4 Amperes Output Current, 12-24 Volt DC, 4 Relay with Fire Alarm (Schlage PS904)	786.06	56.94
08 71 11 00-2540	EA	6 Amperes Output Current, 12-24 Volt DC, 4 Relay with Fire Alarm (Schlage PS906)	952.00	56.94

08 71 11 00-2541 Door Coordinators *(08 71 11)*

08 71 11 00-2542	EA	32" Satin Chrome Finish, Door Coordinator (Ives COR 32" Series) Note: Satin chrome finish. Includes two mounting brackets.	487.93	35.59
		For Anodized Aluminum Finish, Deduct	*-138.23*	
08 71 11 00-2543	EA	42" Satin Chrome Finish, Door Coordinator (Ives COR 42" Series) Note: Satin chrome finish. Includes two mounting brackets.	512.50	37.01
		For Anodized Aluminum Finish, Deduct	*-145.78*	
08 71 11 00-2544	EA	52" Satin Chrome Finish, Door Coordinator (Ives COR 52" Series) Note: Satin chrome finish. Includes two mounting brackets.	524.57	38.43
		For Anodized Aluminum Finish, Deduct	*-148.33*	
08 71 11 00-2545	EA	60" Satin Chrome Finish, Door Coordinator (Ives COR 60" Series) Note: Satin chrome finish. Includes two mounting brackets.	547.45	39.86
		For Anodized Aluminum Finish, Deduct	*-155.21*	
08 71 11 00-2546	EA	72" Satin Chrome Finish, Door Coordinator (Ives COR 72" Series) Note: Satin chrome finish. Includes two mounting brackets.	587.26	41.28
		For Anodized Aluminum Finish, Deduct	*-168.86*	
08 71 11 00-2547	EA	Up To 20", Satin Chrome Finish, Filler Bar For Door Coordinator (Ives FL 20")	114.18	11.39
		For Anodized Aluminum Finish, Deduct	*-27.45*	
08 71 11 00-2548	EA	Up To 32", Satin Chrome Finish, Filler Bar For Door Coordinator (Ives FL 32")	125.69	12.81
		For Anodized Aluminum Finish, Deduct	*-29.78*	
08 71 11 00-2549	EA	Up To 44", Satin Chrome Finish, Filler Bar For Door Coordinator (Ives FL 44")	144.53	14.24
		For Anodized Aluminum Finish, Deduct	*-35.04*	
08 71 11 00-2550	EA	Satin Chrome Finish, Carry Bar For Door Coordinator (Ives CB1)	105.73	14.24
08 71 11 00-2551	EA	7" Projection COR Series Gravity Type Door Coordinator	156.19	21.35
		For Anodized Aluminum Finish, Deduct	*-28.31*	
08 71 11 00-2552	EA	9" Projection COR Series Gravity Type Door Coordinator	167.51	21.35
		For Anodized Aluminum Finish, Deduct	*-32.84*	

08 71 11 00-2553 Removal And Reinstallation Of Door Hardware *(08 71 11)*

Note: Includes storage and cleaning. Excludes removal of door where required. See CSI section 08 05 13 00-0050 for removal and reinstallation of door.

08 71 11 00-2554	EA	Removal And Reinstallation Of Door Lockset, Entrance	85.41
08 71 11 00-2555	EA	Removal And Reinstallation Of Door Lockset, Mortise	136.65
08 71 11 00-2556	EA	Removal And Reinstallation Of Deadbolt Lock	91.11
08 71 11 00-2557	PR	Removal And Reinstallation Of Butts/Hinges	22.77
08 71 11 00-2558	EA	Removal And Reinstallation Of Door Bumper	7.97
08 71 11 00-2559	EA	Removal And Reinstallation Of Surface Mounted Panic Device	227.76
08 71 11 00-2560	EA	Removal And Reinstallation Of Kick Plate	28.47
08 71 11 00-2561	EA	Removal And Reinstallation Of Push Plate	22.77
08 71 11 00-2562	EA	Removal And Reinstallation Of Surface Mounted Door Closer Or Holder	113.88
08 71 11 00-2563	EA	Removal And Reinstallation Of Door Handles	17.09

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2564		**Electromagnetic Door Release** *(08 71 11)*		
08 71 11 00-2565	EA	120 Volt AC, 24 Volt AC/DC, 12 Volt DC, Wall Mount, Surface Wiring, Electro-Magnetic Door Release	607.86	71.74
08 71 11 00-2566	EA	120 Volt AC, 24 Volt AC/DC, 12 Volt DC, Wall Mount, Recessed Wiring, Electro-Magnetic Door Release	592.18	71.74
08 71 11 00-2567	EA	120 Volt AC, 24 Volt AC/DC, 12 Volt DC, Adjustable, Wall Mount, Recessed Wiring, Electro-Magnetic Door Release	671.24	71.74
08 71 11 00-2568	EA	24 Volt AC/DC, High Hold, Wall Mount, Surface Or Recessed Wiring, Electro-Magnetic Door Release	1,137.92	71.74
08 71 11 00-2569	EA	24 Volt DC, Sliding Door, Electro-Magnetic Door Release	1,096.31	71.74
08 71 11 00-2570	EA	120 Volt AC, 24 Volt AC/DC, 12 Volt DC, Overhead Door, Electro-Magnetic Door Release	1,096.31	71.74
08 71 11 00-2571	EA	120 Volt AC, 24 Volt AC/DC, 12 Volt DC, Floor Mount, Single Door, Electro-Magnetic Door Release	994.53	71.74
08 71 11 00-2572	EA	120 Volt AC, 24 Volt AC/DC, 12 Volt DC, Floor Mount, Back-to-Back Door, Electro-Magnetic Door Release	1,251.87	71.74
08 71 11 00-2573	EA	Photo Electric Smoke Detector Suitable For Door Holder Release	1,183.95	71.74
08 71 11 00-2574	EA	Ionization Type Smoke Detector Suitable For Door Holder Release	1,473.66	71.74
08 71 11 00-2575	EA	Surface Wall Mount, Electromagnetic Door Holder (Sargent 1560) Note: 120 volt AC, 24 volt AC/DC, 12 volt DC	686.12	71.74
08 71 11 00-2576	EA	Flush Mount, Electromagnetic Door Holder (Sargent 1561) Note: 120 volt AC, 24 volt AC/DC, 12 volt DC	673.96	71.74
08 71 11 00-2577	EA	Floor Mount, Electromagnetic Door Holder (LCN SEM7820) Note: 120 volt AC, 24 volt AC/DC, 12 volt DC	1,054.05	71.74
08 71 11 00-2578	EA	Surface Wall Mount, Electromagnetic Door Holder (LCN SEM7830) Note: 120 volt AC, 24 volt AC/DC, 12 volt DC	724.99	71.74
08 71 11 00-2579	EA	Low Profile Recessed Wall Mount, Electromagnetic Door Holder (LCN SEM7840) Note: 120 volt AC, 24 volt AC/DC, 12 volt DC	724.99	71.74
08 71 11 00-2580	EA	Recessed Wall Mount, Electromagnetic Door Holder (LCN SEM7850) Note: 120 volt AC, 24 volt AC/DC, 12 volt DC	724.99	71.74
08 71 13		**Automatic Door Operators** *(08 71)*		
08 71 13 00-0001		Automatic Door Operators (LCN) *(08 71 13)*		
08 71 13 00-0002	EA	Automatic Door Operator, Surface Mount Americans With Disabilities Act Compliant Door Operator With Pull Arm (LCN 9531) Note: Opens doors automatically for wheelchair access, and allows for manual operation for regular pedestrian traffic.	4,605.38	142.35
08 71 13 00-0003	EA	Automatic Door Operator, Surface Mount Americans With Disabilities Act Compliant Door Operator With Push Arm (LCN 9542) Note: Opens doors automatically for wheelchair access, and allows for manual operation for regular pedestrian traffic.	4,605.38	142.35
08 71 13 00-0004		Automatic Door Operators (Stanley) *(08 71 13)*		
08 71 13 00-0005	EA	Automatic Door Operator, Surface Mount With Key Switch (Stanley D-4990)	4,439.20	142.35
08 71 13 00-0006	EA	6" Round Stainless Steel Actuator (Stanley CL2216)	283.67	
08 71 13 00-0007	EA	Power Supply (Stanley Precision ELR151)	988.46	
08 71 13 00-0008	EA	Low Energy Door Operator, Push Side Mount Application With Standard Arm (Stanley D-4990) Note: Includes control box with conduit access, motor, operator and D-4550 door closer. Excludes electrical connections	3,207.88	113.88
08 71 13 00-0009	EA	Door Operator Free Standing Push Plate Post (Stanley CL2247) Note: Includes mounting post only	507.30	75.95
08 71 13 00-0010	EA	Dual Vestibule Push Plate Door Operator (Stanley CL2388) Note: Includes 4-3/4" Dual Vestibule Push Plate and electrical connection. Excludes junction Box	349.67	42.79
08 71 13 00-0011	EA	Jamb Mount, Push Plate Door Operator (Stanley CL2055) Note: Includes 4-3/4" Jamb Mount Push Plate and Electrical Connections. Excludes junction Box	220.34	42.79
08 71 13 00-0012	EA	Touchless Plate Door Operator (Stanley CL2025) Note: Includes Touchless Plate and Electrical Connection. Excludes junction Box	345.24	42.79
08 71 13 00-0013	EA	Door Operator Push Plate Assembly (Stanley CL4976) Note: Includes 2 Push Plates, 2 Surface Boxes, 2 Transmitters and 1 Receiver	1,166.31	64.24
08 71 13 00-0014		Miscellaneous Devices *(08 71 13)*		
08 71 13 00-0015	EA	Electric Power Transformer (Von Duprin EPT-2) For Magnetic Monitor Switches	619.25	42.71
08 71 13 00-0016	EA	Magnetic Monitor Switch, SS Finish (Von Duprin MS 764)	178.91	25.62
08 71 13 00-0017	EA	24 Volt AC, 3 Amperes, Transformer (Von Duprin PT 750)	229.97	25.62
08 71 13 00-0018	EA	Automatic Door Bottoms, Fully Mortise Cam Bottom Type To Fit 1-1/2" x 3/4" Mortise Channel At Door Bottom (National Guard Products 320S)	124.69	25.62
08 71 53		**Security Door Hardware** *(08 71)*		
08 71 53 00-0001		Door Exit Alarm Hardware *(08 71 53)*		
08 71 53 00-0002	EA	Door Or Wall Mount Exit Alarm, Audible Alarm, 9 Volt Battery Back-up (Detex EAX-500)	391.07	42.71
08 71 53 00-0003	EA	Weatherized Door Or Wall Mount Exit Alarm, Audible Alarm, 9 Volt Battery Back-up (Detex EAX-500W)	545.55	42.71
08 71 53 00-0004	EA	Door Or Wall Mount Exit Alarm, Audible Alarm, 9 Volt Battery Back-up (Detex EAX-300) Note: Door propped alarm for applications where doors may be used for egress or ingress, but may not be held or propped open. Door open times from 1 second to 4 minutes (15 second default) are field selectable.	457.06	42.71
08 71 53 00-0005	EA	Weatherized Door Or Wall Mount Exit Alarm, Audible Alarm, 9 Volt Battery Back-up (Detex EAX-300W) Note: Door propped alarm for applications where doors may be used for egress or ingress, but may not be held or propped open. Door open times from 1 second to 4 minutes (15 second default) are field selectable.	593.68	42.71
08 71 53 00-0006	EA	Wall Mount Exit Alarm, Audible Alarm, AC/DC (Detex EAX-2500)	687.74	56.94
08 71 53 00-0007	EA	Surface Mounted Magnetic Switch (Detex MS-1039S or MS-1059S) Note: For use with Detex EAX exit alarms.	120.11	56.94

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CSI	UOM	MINOR DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

08 72 Weatherstripping, Thresholds and Seals *(08 70)*

08 72 33 Weatherstripping and Seals *(08 72)*

08 72 33 00-0001 Weather-Stripping And Seals *(08 72 33)*

08 72 33 00-0002 Astragals *(08 72 33 00-0001)*

Note: Astragal and meeting stile seals are used to seal the gap between a pair of doors.

08 72 33 00-0003 Adhesive Backed Astragals *(08 72 33 00-0002)*

08 72 33 00-0004	LF	7/16" Width, 9/32" Height, Edge Mount, Single Fin, Adhesive Backed Flexible Astragal (Pemko S771)	5.45	0.86
08 72 33 00-0005	LF	1/2" Width, 3/16" Height, Edge Mount, Double Fin, Adhesive Backed Flexible Astragal (Pemko S772)	6.11	0.86
08 72 33 00-0006	LF	1-1/8" Width, 3/16" Height, Mullion Mount, Adhesive Backed Mullion Gasketing (Pemko 5110)	4.59	0.86

08 72 33 00-0007 Overlapping Astragals *(08 72 33 00-0002)*

08 72 33 00-0008 Aluminum, Overlapping Astragals *(08 72 33 00-0007)*

08 72 33 00-0009	LF	2" Width, 1/8" Height, Clear Anodized Aluminum, Overlapping Astragal (Pemko 357C)	21.12	5.12
		For Color Anodized Finish, Add	*3.30*	

08 72 33 00-0010 Stainless Steel, Overlapping Astragals *(08 72 33 00-0007)*

08 72 33 00-0011	LF	2" Width, 1/8" Height, Stainless Steel, Overlapping Astragal (Pemko 357SS)	44.57	5.12

08 72 33 00-0012 "T" Astragals *(08 72 33 00-0002)*

08 72 33 00-0013 Aluminum, "T" Astragals *(08 72 33 00-0012)*

08 72 33 00-0014	LF	1" Width, 11/16" Height, Mill Aluminum, "T" Astragal (Pemko 359A)	13.09	5.12
		For Color Anodized Finish, Add	*1.04*	
08 72 33 00-0015	LF	Vinyl Insert, 3/4" Width, 1/4" Height, Mill Aluminum, "T" Astragal (Pemko 356AV)	16.95	5.12
		For Color Anodized Finish, Add	*1.36*	
08 72 33 00-0016	LF	Vinyl Or Pile Insert, 1-3/8" Width, 1/4" Height, Clear Anodized Aluminum, "T" Astragal (Pemko 355CP)	17.55	5.12
		For Color Anodized Finish, Add	*2.60*	
		For Silicone Insert, Add	*0.63*	
08 72 33 00-0017	LF	Neoprene Sponge Insert, 1-1/8" Width, 1/2" Height, Clear Anodized Aluminum, "T" Astragal (Pemko 352CR)	34.07	5.12
		For Color Anodized Finish, Add	*8.38*	

08 72 33 00-0018 Brass/Bronze, "T" Astragals *(08 72 33 00-0012)*

08 72 33 00-0019	LF	Vinyl Or Pile Insert, 1-3/8" Width, 1/4" Height, Brass/Bronze, "T" Astragal (Pemko 355BP)	53.92	5.12
		For Silicone Insert, Add	*0.63*	

08 72 33 00-0020 Locking Astragals *(08 72 33 00-0002)*

08 72 33 00-0021 Outswing Locking Astragals *(08 72 33 00-0020)*

Note: Includes two units. A housing containing the locking bolt which fastens to the inactive leaf and a "T" astragal with a seal that fastens to the active leaf.

08 72 33 00-0022 Aluminum, Outswing Locking Astragals *(08 72 33 00-0021)*

08 72 33 00-0023	LF	Slide Bolt, 1-1/4" Width, 3/8" Height, Clear Anodized Aluminum, Slimline Style, Outswing Locking Astragal (Pemko 3443CS) Note: Includes pile seal at inner door edge and neoprene bottom seal.	46.23	5.12
		For Color Anodized Finish, Add	*7.22*	
08 72 33 00-0024	LF	Locking Springbolt, 1-1/4" Width, 3/8" Height, Clear Anodized Aluminum, Slimline Style, Outswing Locking Astragal (Pemko 3444CS) Note: Includes pile seal at inner door edge and neoprene bottom seal.	53.97	5.12
		For Color Anodized Finish, Add	*8.77*	
08 72 33 00-0025	LF	Slide Bolt, 1-13/32" Width, 11/16" Height, Gold Anodized Aluminum, Colonial Style, Outswing Locking Astragal (Pemko 3445BDQ) Note: Includes pile seal at inner door edge and kerf-in foam bottom seal.	52.09	5.12
		For Thermal Break, Add	*2.52*	
08 72 33 00-0026	LF	Locking Springbolt, 1-13/32" Width, 11/16" Height, Gold Anodized Aluminum, Colonial Style, Outswing Locking Astragal (Pemko 3446BDGQ) Note: Includes pile seal at inner door edge and kerf-in foam bottom seal.	58.38	5.12
		For Thermal Break, Add	*2.90*	

08 72 33 00-0027 Inswing Locking Astragals *(08 72 33 00-0020)*

Note: Includes one unit containing the locking bolt and astragal with seal, which fastens to the inactive leaf.

08 72 33 00-0028 Wood, Inswing Locking Astragals *(08 72 33 00-0027)*

08 72 33 00-0029	LF	Flush Bolt, 1-1/4" Width, 1/2" Height, Wood, Inswing Locking Astragal (Pemko 34832)	54.44	5.12
08 72 33 00-0030	LF	Flush Bolt, 1-1/4" Width, 1-3/16" Height, Wood, Inswing Locking Astragal (Pemko 3481Q) Note: Includes kerf-in foam seal.	54.16	5.12

08 72 33 00-0031 Aluminum, Inswing Locking Astragals *(08 72 33 00-0027)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 33 00-0032	LF	Slide Bolt, 1-3/8" Width, 9/32" Height, Clear Anodized Aluminum, Slimline Style, Inswing Locking Astragal (Pemko 3493CV)	30.01	5.12
		Note: Includes pile seal at inner door edge and neoprene bottom seal.		
		For Silicone Insert, Add	*0.63*	
		For Color Anodized Finish, Add	*3.98*	
08 72 33 00-0033	LF	Locking Springbolt, 1-3/8" Width, 9/32" Height, Clear Anodized Aluminum, Slimline Style, Inswing Locking Astragal (Pemko 3494CV)	36.48	5.12
		Note: Includes pile seal at inner door edge and neoprene bottom seal.		
		For Silicone Insert, Add	*0.63*	
		For Color Anodized Finish, Add	*5.27*	
08 72 33 00-0034	LF	Slide Bolt, 1-13/32" Width, 3/4" Height, Clear Anodized Aluminum, Colonial Style, Inswing Locking Astragal (Pemko 3495CQ)	32.46	5.12
		Note: Includes pile seal at inner door edge and kerf-in foam bottom seal.		
		For Magnetic Kerf-In Insert, Add	*0.47*	
		For Color Anodized Finish, Add	*4.47*	
08 72 33 00-0035	LF	Locking Springbolt, 1-13/32" Width, 3/4" Height, Clear Anodized Aluminum, Colonial Style, Inswing Locking Astragal (Pemko 3496CQ)	38.87	5.12
		Note: Includes pile seal at inner door edge and kerf-in foam bottom seal.		
		For Magnetic Kerf-In Insert, Add	*0.47*	
		For Color Anodized Finish, Add	*5.75*	
08 72 33 00-0036		**Security Astragals** *(08 72 33 00-0002)*		
08 72 33 00-0037	LF	Vinyl Seal, 1/2" Thick Cam, 1-3/4" Width, Clear Anodized Aluminum, Security Astragal (Pemko 378C)	27.86	5.12
		For Color Anodized Finish, Add	*17.73*	
08 72 33 00-0038	LF	2-1/4" Width, 10 Gauge Galvanized Steel, Offset Security Bar, Security Astragal (Pemko 3572SP)	48.22	5.12
08 72 33 00-0039		**Meeting Stile Astragals** *(08 72 33 00-0002)*		
08 72 33 00-0040		**One Piece, Meeting Stile Astragals** *(08 72 33 00-0039)*		
		Note: Includes an astragal for one door only.		
08 72 33 00-0041	LF	1/4" Vinyl Or Pile Insert, 5/32" Width, 13/32" Height, Surface/Mortise Mount, Clear Anodized Aluminum, One Piece, Meeting Stile Astragal (Pemko 369AP)	16.73	5.12
		For Color Anodized Finish, Add	*1.98*	
08 72 33 00-0042	LF	1/4" Neoprene Loop Insert, 7/16" Width, 3/4" Height, Surface/Mortise Mount, Mill Aluminum, One Piece, Meeting Stile Astragal (Pemko 313AN)	26.20	7.63
		For Color Anodized Finish, Add	*4.40*	
08 72 33 00-0043	LF	9/16" Neoprene Loop Insert, 3/4" Width, 1-3/8" Height, Surface/Mortise Mount, Clear Anodized Aluminum, One Piece, Meeting Stile Astragal (Pemko 314CN)	35.77	7.63
		For Color Anodized Finish, Add	*2.06*	
08 72 33 00-0044	LF	15/16" Neoprene Loop Insert, 1-1/8" Width, 1-3/4" Height, Surface/Mortise Mount, Clear Anodized Aluminum, One Piece, Meeting Stile Astragal (Pemko 358CN)	36.99	7.63
		For Color Anodized Finish, Add	*5.45*	
08 72 33 00-0045	LF	1/8" Width, 1-1/2" Height, Side Mount, Spring Bronze, One Piece, Meeting Stile Astragal (Pemko B71)	34.96	7.63
08 72 33 00-0046		**Two Piece, Meeting Stile Split Astragals** *(08 72 33 00-0039)*		
		Note: Includes one astragal for each door.		
08 72 33 00-0047	LF	1/4" Vinyl Insert, 13/16" Width, 1/4" Height, Face Mount, Mill Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 297AV)	20.27	7.63
		For Silicone Insert, Add	*0.95*	
		For Color Anodized Finish, Add	*5.06*	
08 72 33 00-0048	LF	1/4" Vinyl Insert, 11/16" Width, 1/4" Height, Face Mount, Mill Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 316AV)	20.27	7.63
		For Color Anodized Finish, Add	*5.06*	
08 72 33 00-0049	LF	1/4" Vinyl Insert, 7/8" Width, 1/4" Height, Face Mount, Mill Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 303AV)	20.27	7.63
		For Silicone Insert, Add	*0.95*	
		For Color Anodized Finish, Add	*5.06*	
08 72 33 00-0050	LF	3/8" Neoprene Insert, 7/8" Width, 3/16" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 305CN)	33.68	7.63
		For Silicone Insert, Add	*0.63*	
		For Color Anodized Finish, Add	*3.69*	
08 72 33 00-0051	LF	3/8" Brush Insert, 3/4" Width, 1/4" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 18041CNB)	27.08	7.63
		For Color Anodized Finish, Add	*4.75*	
08 72 33 00-0052	LF	5/8" Brush Insert, 3/4" Width, 1/4" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 18061CNB)	27.96	7.63
		For Color Anodized Finish, Add	*5.10*	
08 72 33 00-0053	LF	3/16" Vinyl Or Pile Insert, 3/4" Width, 3/8" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals With Concealed Fasteners (Pemko 29310CV)	34.56	7.63
		For Color Anodized Finish, Add	*9.68*	
		For Silicone Insert, Add	*0.95*	
08 72 33 00-0054	LF	3/8" Brush Insert, 7/8" Width, 1/4" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals With Concealed Fasteners (Pemko 29324CNB)	35.44	7.63
		For Color Anodized Finish, Add	*8.09*	
08 72 33 00-0055	LF	5/8" Brush Insert, 7/8" Width, 1/4" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals With Concealed Fasteners (Pemko 29326CNB)	36.32	7.63
		For Color Anodized Finish, Add	*8.44*	
08 72 33 00-0056		**Two Piece, Adjustable Meeting Stile Split Astragals** *(08 72 33 00-0039)*		
		Note: Includes one astragal for each door.		

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CSI		UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 33 00-0057			Aluminum, Two Piece, Meeting Stile Adjustable Split Astragals *(08 72 33 00-0056)*			
08 72 33 00-0058		LF	3/8" Vinyl Or Pile Insert, 21/32" Width, 9/16" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Adjustable Split Astragals (Pemko 354CP)		67.53	7.63
			For Color Anodized Finish, Add		*13.08*	
			For Silicone Insert, Add		*0.63*	
08 72 33 00-0059		LF	3/8" Vinyl Or Pile Insert, 1" Width, 9/16" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Adjustable Split Astragals (Pemko 351CP)		68.92	7.63
			For Silicone Insert, Add		*0.63*	
			For Color Anodized Finish, Add		*10.74*	
08 72 33 00-0060			Brass/Bronze, Two Piece, Meeting Stile Adjustable Split Astragals *(08 72 33 00-0056)*			
08 72 33 00-0061		LF	3/8" Vinyl Or Pile Insert, 21/32" Width, 9/16" Height, Mortise Mount, Brass/Bronze, Two Piece, Meeting Stile Adjustable Split Astragals (Pemko 354BP)		163.53	7.63
			For Silicone Insert, Add		*0.63*	
08 72 33 00-0062		LF	3/8" Vinyl Or Pile Insert, 1" Width, 9/16" Height, Face Mount, Brass/Bronze, Two Piece, Meeting Stile Adjustable Split Astragals (Pemko 351BP)		153.15	7.63
			For Silicone Insert, Add		*0.63*	
08 72 33 00-0063			Door Sweeps *(08 72 33 00-0001)*			
08 72 33 00-0064			Tack On Door Sweeps *(08 72 33 00-0063)*			
08 72 33 00-0065		LF	For Sealing Up To 3/4" Gap, Side Mount, Vinyl Tack On Door Sweep (Pemko V365)		7.25	2.85
08 72 33 00-0066		LF	For Sealing Up To 5/8" Gap, Bottom Mount, Rubber Tack On Door Sweep (Pemko R364)		7.38	2.85
08 72 33 00-0067		LF	For Sealing Up To 1-3/8" Gap, Bottom Mount, Vinyl Tack On Door Sweep (Pemko P361V)		7.77	2.85
08 72 33 00-0068			Aluminum Retainer Door Sweeps *(08 72 33 00-0063)*			
08 72 33 00-0069			35 Degree, Aluminum Retainer Door Sweeps *(08 72 33 00-0068)* Note: The retainer mounts to the door face with the sweep positioned 35 degrees from the door. Includes clear anodized finish.			
08 72 33 00-0070		LF	5/16" Brush Insert, 35 Degree, Aluminum Retainer Door Sweep (Pemko 35041CNB)		17.76	5.70
			For Color Anodized Finish, Add		*2.55*	
08 72 33 00-0071		LF	1/2" Brush Insert, 35 Degree, Aluminum Retainer Door Sweep (Pemko 35061CNB)		18.42	5.70
			For Color Anodized Finish, Add		*2.46*	
08 72 33 00-0072			45 Degree, Aluminum Retainer Door Sweeps *(08 72 33 00-0068)* Note: The retainer mounts to the door face with the sweep positioned 45-degrees from the door. Includes clear anodized finish.			
08 72 33 00-0073		LF	1-3/4" Brush Insert, 45 Degree, Aluminum Retainer Door Sweep (Pemko 45175CNB)		28.97	5.70
			For Color Anodized Finish, Add		*7.04*	
08 72 33 00-0074		LF	2-1/2" Brush Insert, 45 Degree, Aluminum Retainer Door Sweep (Pemko 45250CNB)		31.61	5.70
			For Color Anodized Finish, Add		*8.09*	
08 72 33 00-0075		LF	4" Brush Insert, 45 Degree, Aluminum Retainer Door Sweep (Pemko 45400CNB)		37.32	5.70
			For Color Anodized Finish, Add		*10.38*	
08 72 33 00-0076			90 Degree, Aluminum Retainer Door Sweeps *(08 72 33 00-0068)* Note: The retainer mounts to the door bottom with the sweep positioned perpendicular to the threshold. Includes clear anodized finish.			
08 72 33 00-0077		LF	3/8" Brush Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 90041CNB)		19.95	5.70
			For Color Anodized Finish, Add		*0.86*	
08 72 33 00-0078		LF	5/8" Brush Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 90062CNB)		19.73	5.70
			For Color Anodized Finish, Add		*0.84*	
08 72 33 00-0079		LF	1" Brush Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 90100CNB)		21.27	5.70
			For Color Anodized Finish, Add		*3.46*	
08 72 33 00-0080		LF	1-3/8" Brush Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 90137CNB)		21.93	5.70
			For Color Anodized Finish, Add		*4.22*	
08 72 33 00-0081		LF	7/16" Neoprene Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 315CN)		19.29	5.70
			For Color Anodized Finish, Add		*1.98*	
08 72 33 00-0082		LF	11/16" Neoprene Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 368CN)		25.45	5.70
			For Color Anodized Finish, Add		*2.81*	
08 72 33 00-0083		LF	15/16" Neoprene Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 321CN)		20.61	5.70
			For Color Anodized Finish, Add		*1.85*	
08 72 33 00-0084		LF	9/16" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 308AV) Note: Includes mill finish.		14.84	5.70
			For Color Anodized Finish, Add		*1.73*	
08 72 33 00-0085		LF	1" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 307AV) Note: Includes mill finish.		15.01	5.70
			For Color Anodized Finish, Add		*1.82*	
08 72 33 00-0086		LF	1-9/16" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 56AV) Note: Includes mill finish.		16.88	5.70
			For Color Anodized Finish, Add		*1.93*	
08 72 33 00-0087			180 Degree, Aluminum Retainer Door Sweeps *(08 72 33 00-0068)* Note: The retainer mounts to the door face with the sweep positioned perpendicular to the threshold. Includes clear anodized finish.			
08 72 33 00-0088			180 Degree, Aluminum Retainer Door Sweeps *(08 72 33 00-0087)*			

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08 72 33 00-0089	LF	3/8" Brush Insert, 180 Degree, Aluminum Retainer Door Sweep (Pemko 18041CNB)	17.32	5.70
		For Color Anodized Finish, Add	*2.38*	
08 72 33 00-0090	LF	5/8" Brush Insert, 180 Degree, Aluminum Retainer Door Sweep (Pemko 18061CNB)	17.76	5.70
		For Color Anodized Finish, Add	*2.55*	
08 72 33 00-0091	LF	1" Brush Insert, 180 Degree, Aluminum Retainer Door Sweep (Pemko 18100CNB)	21.27	5.70
		For Color Anodized Finish, Add	*3.46*	
08 72 33 00-0092		180 Degree, Concealed Fastener, Aluminum Retainer Door Sweeps *(08 72 33 00-0087)*		
08 72 33 00-0093	LF	3/8" Brush Insert, 180 Degree, Concealed Fastener, Aluminum Retainer Door Sweep (Pemko 29324CNB)	21.49	5.70
		For Color Anodized Finish, Add	*4.04*	
08 72 33 00-0094	LF	5/8" Brush Insert, 180 Degree, Concealed Fastener, Aluminum Retainer Door Sweep (Pemko 29326CNB)	21.93	5.70
		For Color Anodized Finish, Add	*4.22*	
08 72 33 00-0095	LF	1" Brush Insert, 180 Degree, Concealed Fastener, Aluminum Retainer Door Sweep (Pemko 293100CNB)	23.78	5.70
		For Color Anodized Finish, Add	*4.96*	
08 72 33 00-0096		Mortised, Aluminum Retainer Door Sweeps *(08 72 33 00-0068)*		
		Note: The retainer is mortised into the door bottom with the sweep positioned perpendicular to the threshold. Includes mill finish. Excludes mortising.		
08 72 33 00-0097	LF	1/4" Brush Insert, Mortised, Aluminum Retainer Door Sweep (Pemko 5025ASB)	15.34	5.70
08 72 33 00-0098	LF	13/32" Brush Insert, Mortised, Aluminum Retainer Door Sweep (Pemko 5041ANB)	15.34	5.70
08 72 33 00-0099	LF	5/8" Brush Insert, Mortised, Aluminum Retainer Door Sweep (Pemko 5061ANB)	15.56	5.70
08 72 33 00-0100		Aluminum Retainer Door Sweeps With Rain Drip *(08 72 33 00-0063)*		
08 72 33 00-0101		90 Degree, Aluminum Retainer Door Sweeps With Rain Drip *(08 72 33 00-0100)*		
		Note: The retainer mounts to the door bottom with the sweep positioned perpendicular to the threshold. Includes mill finish.		
08 72 33 00-0102	LF	1/4" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 3452AV)	14.90	5.70
		For Color Anodized Finish, Add	*2.46*	
08 72 33 00-0103	LF	1/2" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 345AV)	17.76	5.70
		For Color Anodized Finish, Add	*2.55*	
08 72 33 00-0104	LF	3/8" Brush Insert, 90 Degree, Aluminum Retainer Door Sweeps With Rain Drip (Pemko 3452CNB)	19.90	5.70
		Note: Includes clear anodized finish.		
		For Color Anodized Finish, Add	*1.70*	
08 72 33 00-0105	LF	7/16" Brush Insert, 90 Degree, Aluminum Retainer Door Sweeps With Rain Drip (Pemko 345ANB)	20.28	5.70
		For Color Anodized Finish, Add	*1.78*	
08 72 33 00-0106		Brass/Bronze Retainer Door Sweeps *(08 72 33 00-0063)*		
08 72 33 00-0107		90 Degree, Brass/Bronze Retainer Door Sweeps *(08 72 33 00-0106)*		
		Note: The retainer mounts to the door bottom with the sweep positioned perpendicular to the threshold.		
08 72 33 00-0108	LF	7/16" Neoprene Insert, 90 Degree, Brass/Bronze Retainer Door Sweep (Pemko 315BN)	24.57	5.70
08 72 33 00-0109		Oak Retainer Door Sweeps *(08 72 33 00-0063)*		
08 72 33 00-0110		90 Degree, Oak Retainer Door Sweeps *(08 72 33 00-0109)*		
		Note: The retainer mounts to the door bottom with the sweep positioned perpendicular to the threshold.		
08 72 33 00-0111	LF	9/16" Brush Insert, 90 Degree, Oak Retainer Door Sweep (Pemko 18062WNB)	19.51	5.70
08 72 33 00-0112	LF	15/16" Brush Insert, 90 Degree, Oak Retainer Door Sweep (Pemko 18100WNB)	22.98	5.70
08 72 33 00-0113		Door Shoes And Bottoms *(08 72 33 00-0001)*		
08 72 33 00-0114		Door Shoes *(08 72 33 00-0113)*		
08 72 33 00-0115		Aluminum Retainer Door Shoes *(08 72 33 00-0114)*		
08 72 33 00-0116		Bottom Mount, Aluminum Retainer Door Shoes *(08 72 33 00-0115)*		
08 72 33 00-0117	LF	Vinyl Insert, 1-3/16" Width, Bottom Mount, Aluminum Retainer Door Shoe (Pemko 234AV)	16.66	5.70
		For Color Anodized Finish, Add	*2.11*	
		For Thermo-Plastic Elastomer Insert, Add	*0.68*	
08 72 33 00-0118	LF	Vinyl Insert, 1-3/8" Width, Bottom Mount, Aluminum Retainer Door Shoe (Pemko 209AV)	17.32	5.70
		For Color Anodized Finish, Add	*2.38*	
08 72 33 00-0119	LF	Notched Vinyl Insert, 1-3/16" Width, Bottom Mount, Aluminum Retainer Door Shoe (Pemko 2343AV)	23.69	5.70
		For Color Anodized Finish, Add	*2.46*	
08 72 33 00-0120		Side Mount, Aluminum Retainer Door Shoes *(08 72 33 00-0115)*		
08 72 33 00-0121	LF	Vinyl Insert, 1-3/4" Width, Side Mount, Aluminum Retainers Door Shoe (Pemko 318AV)	19.51	5.70
		For Color Anodized Finish, Add	*3.25*	
		For Thermo-Plastic Elastomer Insert, Add	*0.68*	
08 72 33 00-0122		L Or U Shaped, Aluminum Retainer Door Shoes *(08 72 33 00-0115)*		
08 72 33 00-0123	LF	Vinyl Insert, 1-1/4" Width, L-Shaped, Aluminum Retainer Door Shoe (Pemko 211AV)	17.76	5.70
		For Color Anodized Finish, Add	*3.19*	
		For Thermo-Plastic Elastomer Insert, Add	*0.42*	

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08 72 33 00-0124	LF	Vinyl Insert, 1-3/8" Width, U-Shaped, Aluminum Retainer Door Shoe (Pemko 220AV)	19.07	5.70
		For Color Anodized Finish, Add	*3.08*	
		For Thermo-Plastic Elastomer Insert, Add	*0.42*	
08 72 33 00-0125	LF	Vinyl Insert, 1-3/4" Width, U-Shaped, Aluminum Retainer Door Shoe (Pemko 217AV)	19.51	5.70
		For Color Anodized Finish, Add	*3.25*	
		For Thermo-Plastic Elastomer Insert, Add	*0.42*	
08 72 33 00-0126	LF	Notched Vinyl Insert, 1-5/16" Width, L-Shaped, Aluminum Retainer Door Shoe (Pemko 2113AV)	28.45	5.70
		For Color Anodized Finish, Add	*3.41*	
08 72 33 00-0127	LF	Notched Vinyl Insert, 1-3/4" Width, U-Shaped, Aluminum Retainer Door Shoe (Pemko 2173AV)	28.89	5.70
		For Color Anodized Finish, Add	*3.50*	
08 72 33 00-0128		**L Or U Shaped With Rain Drip, Aluminum Retainer Door Shoes** *(08 72 33 00-0115)*		
08 72 33 00-0129	LF	Vinyl Insert, 1-1/4" Width, L-Shaped With Rain Drip, Aluminum Retainer Door Shoe (Pemko 210AV)	18.20	5.70
		For Color Anodized Finish, Add	*3.41*	
		For Thermo-Plastic Elastomer Insert, Add	*0.42*	
08 72 33 00-0130	LF	Vinyl Insert, 1-3/8" Width, U-Shaped With Rain Drip, Aluminum Retainer Door Shoe (Pemko 215AV)	19.51	5.70
		For Color Anodized Finish, Add	*3.25*	
		For Thermo-Plastic Elastomer Insert, Add	*0.42*	
08 72 33 00-0131	LF	Vinyl Insert, 1-3/4" Width, U-Shaped With Rain Drip, Aluminum Retainer Door Shoe (Pemko 216AV)	19.73	5.70
		For Color Anodized Finish, Add	*3.34*	
		For Thermo-Plastic Elastomer Insert, Add	*0.42*	
08 72 33 00-0132		**Vinyl Door Shoes** *(08 72 33 00-0114)*		
08 72 33 00-0133	LF	1-3/4" Width, L-Shaped, Vinyl Door Shoe (Pemko V80)	22.49	5.70
08 72 33 00-0134	LF	1-3/4" Width, U-Shaped, Vinyl Door Shoe (Pemko 2170DV)	27.50	5.70
08 72 33 00-0135		**Door Bottoms** *(08 72 33 00-0113)*		
08 72 33 00-0136		**Automatic Door Bottoms** *(08 72 33 00-0135)*		
08 72 33 00-0137		**Aluminum Automatic Door Bottoms** *(08 72 33 00-0136)*		
08 72 33 00-0138	LF	Sponge Neoprene Insert, 9/16" Width, 1-7/8" Height, Surface/Mortise Mount, Aluminum Retainer, Automatic Door Bottom (Pemko 4131CRL)	40.33	5.70
		For Color Anodized Finish, Add	*5.79*	
08 72 33 00-0139	LF	Sponge Neoprene Insert, 31/32" Width, 2-1/8" Height, Surface/Mortise Mount, Aluminum Retainer, Automatic Door Bottom (Pemko 4301CRL)	58.46	5.70
		For Color Anodized Finish, Add	*9.42*	
08 72 33 00-0140		**Door Top Protection** *(08 72 33 00-0001)*		
08 72 33 00-0141	LF	Aluminum, Door Top Cover For 1-3/8" Wood Doors (Pemko PA343)	13.93	4.55
		For Dark Bronze Or Gold Anodized Aluminum Or Painted White, Add	*1.32*	
08 72 33 00-0142	LF	Aluminum, Door Top Cover For 1-3/4" Wood Doors (Pemko PA344)	13.93	4.55
		For Dark Bronze Or Gold Anodized Aluminum Or Painted White, Add	*1.32*	
08 72 33 00-0143	LF	2-1/2" Aluminum Overhead Rain Drip With Slotted Holes (Pemko 346C)	18.01	4.55
		For Dark Bronze Or Gold Anodized Aluminum Or Painted White, Add	*2.44*	
08 72 33 00-0144	EA	For 20 Oz Copper Drip Cap For Exterior Door	67.62	
08 72 33 00-0145		**Perimeter Gasketing Weather-Strip** *(08 72 33 00-0001)*		
		Note: Perimeter gasketing is used to seal the gap around the top and the two sides of a door assembly.		
08 72 33 00-0146		**Adhesive Backed Perimeter Gasketing Weather-Strip** *(08 72 33 00-0145)*		
08 72 33 00-0147	LF	3/8" x 3/16", Silicon Compression Bulb, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko PK33)	4.41	2.85
		For Intumescent Seal, Add	*1.50*	
08 72 33 00-0148	LF	1/2" x 3/16", Silicon Compression Bulb, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko PK55)	4.46	2.85
		For Intumescent Seal, Add	*1.50*	
08 72 33 00-0149	LF	1/2" x 1/4", Silicon Compression Bulb, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko S88)	6.01	2.85
08 72 33 00-0150	LF	7/16" x 5/16", Silicone Single Fin, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko S44)	4.88	2.85
08 72 33 00-0151	LF	5/16" x 1/2", Silicone Single Fin, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko S77)	6.59	2.85
		For Intumescent Seal, Add	*1.50*	
08 72 33 00-0152	LF	1/2" x 3/8", Silicone Triple Fin, Hospitality, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko S773)	6.07	2.85
		For Intumescent Seal, Add	*1.50*	
08 72 33 00-0153	LF	7/16" x 5/16", Intumescent And Silicone Single Fin, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko HSS2000xS44)	8.19	2.85
08 72 33 00-0154	LF	1/2" x 1/4", Intumescent And Silicon Compression Bulb, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko HSS2000xS88)	7.53	2.85
08 72 33 00-0155		**Kerf-In Perimeter Gasketing Weather-Strip** *(08 72 33 00-0145)*		
08 72 33 00-0156	LF	3/8" x 1/4" Silicone Bulb, Kerf-In Perimeter Gasketing Weather-Strip (Pemko P50)	3.87	2.85
08 72 33 00-0157	LF	7/16" x 3/8" Silicone Bulb, Kerf-In Perimeter Gasketing Weather-Strip (Pemko S52)	6.02	2.85
08 72 33 00-0158	LF	3/8" Foam, Kerf-In Perimeter Gasketing Weather-Strip (Pemko Q103)	4.39	2.85
08 72 33 00-0159	LF	5/8" Foam, Kerf-In Perimeter Gasketing Weather-Strip (Pemko Q102)	4.33	2.85
08 72 33 00-0160	LF	3/8" Magnetic, Kerf-In Perimeter Gasketing Weather-Strip (Pemko MAG349)	5.80	2.85
08 72 33 00-0161		**Cushion/Spring Perimeter Gasketing Weather-Strip** *(08 72 33 00-0145)*		
08 72 33 00-0162		**Spring Bronze Perimeter Gasketing Weather-Strip** *(08 72 33 00-0161)*		

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08 72 33 00-0163	LF	1-1/8" Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B70C)	8.53	2.85
08 72 33 00-0164	LF	1-1/4" Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B70D)	8.53	2.85
08 72 33 00-0165	LF	1-3/8" Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B70E)	9.10	2.85
08 72 33 00-0166	LF	1-1/2" Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B70F)	9.21	2.85
08 72 33 00-0167		Cushion "V", Spring Bronze Perimeter Gasketing Weather-Strip *(08 72 33 00-0161)*		
08 72 33 00-0168	LF	5/8" Cushion "V", Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B73)	8.22	2.85
08 72 33 00-0169	LF	7/8" Cushion "V", Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B74)	9.10	2.85
08 72 33 00-0170	LF	1-1/8" Cushion "V", Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B75)	10.05	2.85
08 72 33 00-0171		Aluminum Retainer, Perimeter Gasketing Weather-Strip *(08 72 33 00-0145)*		
08 72 33 00-0172		Aluminum Retainer, Perimeter Gasketing Weather-Strip *(08 72 33 00-0171)*		
08 72 33 00-0173	LF	1/4" Vinyl Insert, 13/16" Width, 1/4" Height, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 297AV)	8.23	2.85
		For Silicone Insert, Add	*0.95*	
		For Color Anodized Finish, Add	*2.53*	
08 72 33 00-0174	LF	1/4" Vinyl Insert, 11/16" Width, 1/4" Height, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 316AV)	8.23	2.85
		For Silicone Insert, Add	*0.95*	
		For Color Anodized Finish, Add	*2.53*	
08 72 33 00-0175	LF	1/4" Vinyl Insert, 7/8" Width, 1/4" Height, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 303AV)	8.23	2.85
		For Silicone Insert, Add	*0.95*	
		For Color Anodized Finish, Add	*2.53*	
08 72 33 00-0176	LF	3/8" Neoprene Insert, 7/8" Width, 3/16" Height, Clear Anodized Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 305CN)	14.93	2.85
		For Silicone Insert, Add	*0.63*	
		For Color Anodized Finish, Add	*1.85*	
08 72 33 00-0177	LF	3/16" Vinyl Or Pile Insert, 3/4" Width, 3/8" Height, Clear Anodized Aluminum Retainer, Perimeter Gasketing Weather-Strip With Concealed Fasteners (Pemko 29310CV)	15.37	2.85
		For Color Anodized Finish, Add	*4.84*	
		For Silicone Insert, Add	*0.95*	
08 72 33 00-0178	LF	Neoprene Sponge Insert, 1-5/8" Width, 7/16" Height, Clear Anodized Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 375CR)	15.37	2.85
		For Color Anodized Finish, Add	*3.38*	
08 72 33 00-0179		Heavy-Duty, Aluminum Retainer, Perimeter Gasketing Weather-Strip *(08 72 33 00-0171)*		
08 72 33 00-0180		Standard Jamb, Heavy-Duty, Aluminum Retainer, Perimeter Gasketing Weather-Strip *(08 72 33 00-0179)*		
08 72 33 00-0181	LF	1/4" Vinyl Insert, 1-1/2" Width, 1/4" Height, Standard Jamb, Heavy-Duty, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 290AV)	14.60	2.85
		For Silicone Insert, Add	*0.95*	
08 72 33 00-0182		Head Section, Heavy-Duty, Aluminum Retainer, Perimeter Gasketing Weather-Strip *(08 72 33 00-0179)*		
08 72 33 00-0183	LF	1/4" Vinyl Insert, 1-1/2" Width, 1/4" Height, Head Section, Heavy-Duty, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 2891AV)	16.34	2.85
08 72 33 00-0184		Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip *(08 72 33 00-0145)*		
08 72 33 00-0185		Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip *(08 72 33 00-0184)*		
08 72 33 00-0186	LF	3/8" Neoprene Insert, 7/8" Width, 3/16" Height, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip (Pemko 305BR)	22.70	2.85
		For Silicone Insert, Add	*1.58*	
08 72 33 00-0187	LF	Neoprene Sponge Insert, 1-5/8" Width, 7/16" Height, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip (Pemko 375BR)	37.93	2.85
08 72 33 00-0188		Heavy-Duty, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip *(08 72 33 00-0184)*		
08 72 33 00-0189		Standard Jamb, Heavy-Duty, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip *(08 72 33 00-0188)*		
08 72 33 00-0190	LF	1/4" Vinyl Insert, 1-1/2" Width, 1/4" Height, Standard Jamb, Heavy-Duty, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip (Pemko 290BV)	32.87	2.85
		For Silicone Insert, Add	*0.63*	
08 72 33 00-0191		Aluminum Interlock, Perimeter Gasketing Weather-Strip *(08 72 33 00-0145)*		
08 72 33 00-0192	LF	Side Mount, Mill Aluminum, Interlock Perimeter Gasketing Weather-Strip (Pemko 335AR, 336A) Note: For weather-stripping latch or hinge side of door. Includes aluminum interlocking devices for door and door frame.	20.49	5.70
		For Color Anodized Finish, Add	*3.64*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 33 00-0193	LF	Top Mount, Mill Aluminum, Interlock Perimeter Gasketing Weather-Strip (Pemko 347A, 68AR) Note: For weather-stripping the top of doors. Includes rain drip shield and aluminum interlocking devices for door and door frame.	21.25	5.70
		For Color Anodized Finish, Add	*3.95*	
08 72 33 00-0194		Adjustable Aluminum Retainer, Perimeter Gasketing Weather-Strip *(08 72 33 00-0145)* Note: Seals gaps from 1/16" to 1/4".		
08 72 33 00-0195	LF	Sponge Neoprene Insert, 7/8" Width, 1-3/8" Height, Adjustable, Clear Anodized Aluminum Retainer, Stop Gasketing Weather-Strip (Pemko 350CSR)	27.37	2.85
		For Color Anodized Finish, Add	*4.33*	
08 72 33 00-0196	LF	Sponge Neoprene Insert, 7/8" Width, 1-3/8" Height, Adjustable, Clear Anodized Aluminum Retainer, Jamb Gasketing Weather-Strip (Pemko 350CR)	28.91	2.85
		For Color Anodized Finish, Add	*4.64*	
08 72 43		**Thresholds** *(08 72)*		
08 72 43 00-0001		Thresholds *(08 72 43)* Note: Includes material, fasteners, installation, caulk and sealants.		
08 72 43 00-0002		Metal Thresholds *(08 72 43 00-0001)*		
08 72 43 00-0003		Saddle Thresholds *(08 72 43 00-0002)*		
08 72 43 00-0004		Aluminum Saddle Thresholds *(08 72 43 00-0003)* Note: Includes mill finish.		
08 72 43 00-0005		3/16" Height, Aluminum Saddle Thresholds *(08 72 43 00-0004)*		
08 72 43 00-0006	LF	2-1/4" Width, 3/16" Height, Aluminum Saddle Threshold (Pemko 173A)	31.11	9.11
		For Color Anodized Finish, Add	*3.34*	
08 72 43 00-0007		1/4" Height, Aluminum Saddle Thresholds *(08 72 43 00-0004)*		
08 72 43 00-0008	LF	3" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 151A)	34.85	9.11
		For Color Anodized Finish, Add	*4.84*	
08 72 43 00-0009	LF	4" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 270A)	40.33	11.38
		For Color Anodized Finish, Add	*8.31*	
08 72 43 00-0010	LF	5" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 271A)	44.53	11.38
		For Color Anodized Finish, Add	*8.04*	
08 72 43 00-0011	LF	6" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 272A)	49.57	11.38
		For Color Anodized Finish, Add	*7.39*	
08 72 43 00-0012	LF	7" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 276A)	57.04	11.38
		For Color Anodized Finish, Add	*7.15*	
08 72 43 00-0013	LF	8" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 2748A)	68.46	13.66
		For Color Anodized Finish, Add	*8.58*	
08 72 43 00-0014	LF	9" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 2749A)	73.51	13.66
		For Color Anodized Finish, Add	*9.84*	
08 72 43 00-0015	LF	10" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 2750A)	81.57	13.66
		For Color Anodized Finish, Add	*11.85*	
08 72 43 00-0016		5/16" Height, Aluminum Saddle Thresholds *(08 72 43 00-0004)*		
08 72 43 00-0017	LF	2-1/2" Width, 5/16" Height, Aluminum Saddle Threshold (Pemko 166A)	34.20	9.11
		For Color Anodized Finish, Add	*4.00*	
08 72 43 00-0018		1/2" Height, Aluminum Saddle Thresholds *(08 72 43 00-0004)*		
08 72 43 00-0019	LF	3" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 169A)	34.42	9.11
		For Color Anodized Finish, Add	*5.83*	
08 72 43 00-0020	LF	4" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 170A)	42.09	11.38
		For Color Anodized Finish, Add	*9.54*	
08 72 43 00-0021	LF	5" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 171A)	46.38	11.38
		For Color Anodized Finish, Add	*8.96*	
08 72 43 00-0022	LF	6" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 172A)	50.00	11.38
		For Color Anodized Finish, Add	*7.54*	
08 72 43 00-0023	LF	7" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 176A)	57.04	11.38
		For Color Anodized Finish, Add	*7.15*	
08 72 43 00-0024	LF	8" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 2548A)	71.09	13.66
		For Color Anodized Finish, Add	*12.93*	
08 72 43 00-0025	LF	9" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 2549A)	75.71	13.66
		For Color Anodized Finish, Add	*16.62*	
08 72 43 00-0026	LF	10" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 2550A)	80.33	13.66
		For Color Anodized Finish, Add	*18.47*	
08 72 43 00-0027		Brass/Bronze Saddle Thresholds *(08 72 43 00-0003)*		
08 72 43 00-0028		3/16" Height, Brass/Bronze Saddle Thresholds *(08 72 43 00-0027)*		
08 72 43 00-0029	LF	2-1/4" Width, 3/16" Height, Brass/Bronze Saddle Threshold (Pemko 173B)	69.01	9.11
08 72 43 00-0030		1/4" Height, Brass/Bronze Saddle Thresholds *(08 72 43 00-0027)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 43 00-0031	LF	3" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 151B)	104.37	9.11
08 72 43 00-0032	LF	4" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 270B)	126.38	11.38
08 72 43 00-0033	LF	5" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 271B)	150.86	11.38
08 72 43 00-0034	LF	6" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 272B)	174.66	11.38
08 72 43 00-0035	LF	7" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 276B)	201.86	11.38
08 72 43 00-0036	LF	8" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 274X4B)	258.56	13.66
08 72 43 00-0037		1/2" Height, Brass/Bronze Saddle Thresholds *(08 72 43 00-0027)*		
08 72 43 00-0038	LF	4" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 170B)	137.26	11.38
08 72 43 00-0039	LF	5" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 171B)	164.46	11.38
08 72 43 00-0040	LF	6" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 172B)	191.66	11.38
08 72 43 00-0041	LF	7" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 176B)	225.66	11.38
08 72 43 00-0042	LF	8" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 254X4B)	318.63	13.66
08 72 43 00-0043	LF	10" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 255X5B)	303.03	13.66
08 72 43 00-0044		Stainless Steel Saddle Thresholds *(08 72 43 00-0003)*		
08 72 43 00-0045		1/2" Height, Stainless Steel Saddle Thresholds *(08 72 43 00-0044)*		
08 72 43 00-0046	LF	4" Width, 1/2" Height, Stainless Steel Saddle Threshold (Pemko 175SS)	116.86	11.38
08 72 43 00-0047	LF	5" Width, 1/2" Height, Stainless Steel Saddle Threshold (Pemko 154SS)	123.66	11.38
08 72 43 00-0048		Half Saddle Thresholds *(08 72 43 00-0002)*		
08 72 43 00-0049		Aluminum Half Saddle Thresholds *(08 72 43 00-0048)*		
		Note: Includes mill finish.		
08 72 43 00-0050		3/4" Height, Aluminum Half Saddle Thresholds *(08 72 43 00-0049)*		
08 72 43 00-0051	LF	5" Width, 3/4" Height, Aluminum Half Saddle Threshold (Pemko 1875A)	50.52	11.38
		For Color Anodized Finish, Add	*8.82*	
08 72 43 00-0052	LF	7" Width, 3/4" Height, Aluminum Half Saddle Threshold (Pemko 1877A)	66.49	11.38
		For Color Anodized Finish, Add	*3.80*	
08 72 43 00-0053		Offset Saddle Thresholds *(08 72 43 00-0002)*		
08 72 43 00-0054		Aluminum Offset Saddle Thresholds *(08 72 43 00-0053)*		
		Note: Includes mill finish.		
08 72 43 00-0055		1/2" Height, Aluminum Offset Saddle Thresholds *(08 72 43 00-0054)*		
08 72 43 00-0056	LF	5-1/2" Width, 1/2" Height, 1/4" Offset, Aluminum Offset Saddle Threshold (Pemko 158A)	50.66	11.38
		For Color Anodized Finish, Add	*11.10*	
08 72 43 00-0057	LF	7" Width, 1/2" Height, 1/4" Offset, Aluminum Offset Saddle Threshold (Pemko 2727A)	56.38	11.38
		For Color Anodized Finish, Add	*9.77*	
08 72 43 00-0058		3/4" Height, Aluminum Offset Saddle Thresholds *(08 72 43 00-0054)*		
08 72 43 00-0059	LF	5-1/2" Width, 3/4" Height, 1/2" Offset, Aluminum Offset Saddle Threshold (Pemko 157A)	50.66	11.38
		For Color Anodized Finish, Add	*11.10*	
08 72 43 00-0060		1" Height, Aluminum Offset Saddle Thresholds *(08 72 43 00-0054)*		
08 72 43 00-0061	LF	7" Width, 1" Height, 1/2" Offset, Aluminum Offset Saddle Threshold (Pemko 182A)	58.58	11.38
		For Color Anodized Finish, Add	*10.54*	
08 72 43 00-0062		Modular Ramp Thresholds *(08 72 43 00-0001)*		
		Note: Includes mill finish.		
08 72 43 00-0063		Flush, Aluminum Modular Ramp Thresholds *(08 72 43 00-0062)*		
08 72 43 00-0064	LF	6-1/8" Length, 1/2" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R.5FA)	54.61	11.38
		For Non-Slip Surfacing, Add	*95.55*	
08 72 43 00-0065	LF	9-1/4" Length, 3/4" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R.75FA)	68.66	12.52
		For Non-Slip Surfacing, Add	*122.14*	
08 72 43 00-0066	LF	12-3/8" Length, 1" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R1FA)	87.80	14.23
		For Non-Slip Surfacing, Add	*166.15*	
08 72 43 00-0067	LF	15-1/2" Length, 1-1/4" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R1.25FA)	112.56	14.79
		For Non-Slip Surfacing, Add	*223.99*	
08 72 43 00-0068	LF	18-5/8" Length, 1-1/2" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R1.5FA)	131.37	15.94
		For Non-Slip Surfacing, Add	*298.50*	
08 72 43 00-0069	LF	21-3/4" Length, 1-3/4" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R1.75FA)	163.32	17.64
		For Non-Slip Surfacing, Add	*332.90*	
08 72 43 00-0070	LF	24-7/8" Length, 2" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R2FA)	182.27	19.35
		For Non-Slip Surfacing, Add	*373.26*	
08 72 43 00-0071	LF	28" Length, 2-1/4" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R2.25FA)	193.33	20.49
		For Non-Slip Surfacing, Add	*380.88*	
08 72 43 00-0072		3-1/2" Top Plate, Offset, Aluminum Modular Ramp Thresholds *(08 72 43 00-0062)*		
08 72 43 00-0073	LF	12-3/4" Length, 1/2" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R.5OSSA)	93.88	14.23
		For Non-Slip Surfacing, Add	*176.63*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	08 72 43 00-0074	LF	15-7/8" Length, 3/4" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R.75OSSA)	110.74	14.79
			For Non-Slip Surfacing, Add	*219.08*	
	08 72 43 00-0075	LF	18" Length, 1" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1OSSA)	138.91	17.08
			For Non-Slip Surfacing, Add	*272.38*	
	08 72 43 00-0076	LF	22-1/8" Length, 1-1/4" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.25OSSA)	163.77	18.22
			For Non-Slip Surfacing, Add	*331.11*	
	08 72 43 00-0077	LF	25-1/4" Length, 1-1/2" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.5OSSA)	188.55	19.35
			For Non-Slip Surfacing, Add	*389.58*	
	08 72 43 00-0078	LF	28-3/8" Length, 1-3/4" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.75OSSA)	206.34	20.49
			For Non-Slip Surfacing, Add	*429.94*	
	08 72 43 00-0079	LF	31-1/2" Length, 2" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R2OSSA)	253.79	21.63
			For Non-Slip Surfacing, Add	*547.40*	
	08 72 43 00-0080		7" Top Plate, Offset, Aluminum Modular Ramp Thresholds *(08 72 43 00-0062)*		
	08 72 43 00-0081	LF	16-1/4" Length, 1/2" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R.5OSA)	108.91	15.37
			For Non-Slip Surfacing, Add	*218.88*	
	08 72 43 00-0082	LF	19-3/8" Length, 3/4" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R.75OSA)	128.04	17.08
			For Non-Slip Surfacing, Add	*262.89*	
	08 72 43 00-0083	LF	22-1/2" Length, 1" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1OSA)	153.93	18.22
			For Non-Slip Surfacing, Add	*317.28*	
	08 72 43 00-0084	LF	25-5/8" Length, 1-1/4" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.25OSA)	172.76	19.35
			For Non-Slip Surfacing, Add	*361.94*	
	08 72 43 00-0085	LF	28-3/4" Length, 1-1/2" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.5OSA)	203.57	20.49
			For Non-Slip Surfacing, Add	*422.73*	
	08 72 43 00-0086	LF	31-7/8" Length, 1-3/4" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.75OSA)	221.36	21.63
			For Non-Slip Surfacing, Add	*463.09*	
	08 72 43 00-0087	LF	35" Length, 2" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R2OSA)	256.07	22.76
			For Non-Slip Surfacing, Add	*526.35*	
	08 72 43 00-0088		Accessories For Aluminum Modular Ramp Thresholds *(08 72 43 00-0062)*		
	08 72 43 00-0089		Wings/Miter Returns For Flush, Aluminum Modular Ramp Thresholds *(08 72 43 00-0088)*		
	08 72 43 00-0090	PR	Up To 1" Height, Wings/Miter Returns For Flush, Aluminum Modular Ramp Thresholds	264.79	14.23
			For Non-Slip Surfacing, Add	*28.36*	
	08 72 43 00-0091	PR	>1" To 1-1/4" Height, Wings/Miter Returns For Flush, Aluminum Modular Ramp Thresholds	409.53	14.23
			For Non-Slip Surfacing, Add	*45.73*	
	08 72 43 00-0092	PR	>1-1/4" To 2-1/4" Height, Wings/Miter Returns For Flush, Aluminum Modular Ramp Thresholds	812.97	19.92
			For Non-Slip Surfacing, Add	*92.78*	
	08 72 43 00-0093		Wings/Miter Returns For Offset, Aluminum Modular Ramp Thresholds *(08 72 43 00-0088)*		
	08 72 43 00-0094	PR	Up To 1/2" Height, Wings/Miter Returns For Offset, Aluminum Modular Ramp Thresholds	264.79	14.23
			For Non-Slip Surfacing, Add	*28.36*	
	08 72 43 00-0095	PR	>1/2" To 1" Height, Wings/Miter Returns For Offset, Aluminum Modular Ramp Thresholds	409.53	14.23
			For Non-Slip Surfacing, Add	*45.73*	
	08 72 43 00-0096	PR	>1" To 2" Height, Wings/Miter Returns For Offset, Aluminum Modular Ramp Thresholds	812.97	19.92
			For Non-Slip Surfacing, Add	*92.78*	
	08 72 43 00-0097		Latching Panic Exit Saddle Thresholds *(08 72 43 00-0001)* Note: Includes vinyl or pile seal.		
	08 72 43 00-0098		Aluminum, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0097)* Note: Includes mill finish.		
	08 72 43 00-0099		Aluminum, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0098)*		
	08 72 43 00-0100		7/8" Height, Aluminum, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0099)*		
	08 72 43 00-0101	LF	4" Width, 7/8" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 252X226AP)	62.10	11.38
			For Color Anodized Finish, Add	*11.77*	
			For Thermoseal, Add	*0.63*	
	08 72 43 00-0102	LF	5" Width, 7/8" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 177AP)	50.88	11.38
			For Color Anodized Finish, Add	*11.21*	
			For Thermoseal, Add	*0.63*	
	08 72 43 00-0103	LF	6" Width, 7/8" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 254X226AP)	69.13	11.38
			For Color Anodized Finish, Add	*14.23*	
			For Thermoseal, Add	*0.63*	
	08 72 43 00-0104	LF	7" Width, 7/8" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 255X226AP)	72.21	11.38
			For Color Anodized Finish, Add	*15.31*	
			For Thermoseal, Add	*0.63*	
	08 72 43 00-0105		1" Height, Aluminum, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0099)*		
	08 72 43 00-0106	LF	3-5/8" Width, 1" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 185AP)	48.25	11.38
			For Color Anodized Finish, Add	*9.90*	
			For Thermoseal, Add	*0.63*	
	08 72 43 00-0107	LF	5" Width, 1" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 181AP)	51.32	11.38
			For Color Anodized Finish, Add	*11.43*	
			For Thermoseal, Add	*0.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 43 00-0108		Thermal Barrier, Aluminum, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0098)*		
08 72 43 00-0109		7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0108)*		
08 72 43 00-0110	LF	4-1/8" Width, 7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 252X226AFGP)	54.62	11.38
		For Color Anodized Finish, Add	*10.46*	
		For Thermoseal, Add	*0.63*	
08 72 43 00-0111	LF	5-1/8" Width, 7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 253X226AFGP)	57.48	11.38
		For Color Anodized Finish, Add	*11.61*	
		For Thermoseal, Add	*0.63*	
08 72 43 00-0112	LF	6-1/8" Width, 7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 254X226AFGP)	61.66	11.38
		For Color Anodized Finish, Add	*11.62*	
		For Thermoseal, Add	*0.63*	
08 72 43 00-0113	LF	7-1/8" Width, 7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 255X226AFGP)	66.38	11.38
		For Color Anodized Finish, Add	*13.27*	
		For Thermoseal, Add	*0.63*	
08 72 43 00-0114		Brass/Bronze, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0097)*		
08 72 43 00-0115		Brass/Bronze, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0114)*		
08 72 43 00-0116		7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0115)*		
08 72 43 00-0117	LF	4" Width, 7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 252X226BV)	193.02	11.38
		For Thermoseal, Add	*0.63*	
08 72 43 00-0118	LF	5" Width, 7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 177BV)	179.42	11.38
		For Thermoseal, Add	*0.63*	
08 72 43 00-0119	LF	6" Width, 7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 254X226BV)	255.58	11.38
		For Thermoseal, Add	*0.63*	
08 72 43 00-0120	LF	7" Width, 7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 255X226BV)	229.20	11.38
		For Thermoseal, Add	*0.63*	
08 72 43 00-0121		1" Height, Brass/Bronze, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0115)*		
08 72 43 00-0122	LF	5" Width, 1" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 181BV)	190.03	11.38
		For Thermoseal, Add	*0.63*	
08 72 43 00-0123		Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0114)*		
08 72 43 00-0124		7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0123)*		
08 72 43 00-0125	LF	4-1/8" Width, 7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 252X226BFGV)	198.15	12.52
		For Thermoseal, Add	*0.63*	
08 72 43 00-0126	LF	5-1/8" Width, 7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 253X226BFGV)	207.53	12.52
		For Thermoseal, Add	*0.63*	
08 72 43 00-0127	LF	6-1/8" Width, 7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 254X226BFGV)	258.26	12.52
		For Thermoseal, Add	*0.63*	
08 72 43 00-0128	LF	7-1/8" Width, 7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 255X226BFGV)	236.13	13.09
		For Thermoseal, Add	*0.63*	
08 72 43 00-0129		Carpet Separator Thresholds *(08 72 43 00-0001)*		
08 72 43 00-0130		Aluminum, Carpet Separator Thresholds *(08 72 43 00-0129)* Note: Includes mill finish.		
08 72 43 00-0131		3/8" Height, Aluminum, Carpet Separator Thresholds *(08 72 43 00-0130)*		
08 72 43 00-0132	LF	2-1/2" Width, 3/8" Height, Aluminum, Carpet Separator Threshold (Pemko 174C)	36.17	9.11
		For Color Anodized Finish, Add	*5.36*	
08 72 43 00-0133		7/16" Height, Aluminum, Carpet Separator Thresholds *(08 72 43 00-0130)*		
08 72 43 00-0134	LF	1-3/4" Width, 7/16" Height, Aluminum, Carpet Separator Threshold (Pemko 236A)	29.15	7.97
		For Color Anodized Finish, Add	*3.23*	
08 72 43 00-0135	LF	4" Width, 7/16" Height, Aluminum, Carpet Separator Threshold (Pemko 2364A)	44.95	9.11
		For Color Anodized Finish, Add	*6.60*	
08 72 43 00-0136	LF	6" Width, 7/16" Height, Aluminum, Carpet Separator Threshold (Pemko 2366A)	54.18	9.11
		For Color Anodized Finish, Add	*10.29*	
08 72 43 00-0137		1/2" Height, Aluminum, Carpet Separator Thresholds *(08 72 43 00-0130)*		
08 72 43 00-0138	LF	1-3/8" Width, 1/2" Height, Aluminum, Carpet Separator Threshold (Pemko 1951A)	26.30	7.97
		For Color Anodized Finish, Add	*1.60*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 43 00-0139		3/4" Height, Aluminum, Carpet Separator Thresholds *(08 72 43 00-0130)*		
08 72 43 00-0140	LF	1-3/4" Width, 3/4" Height, Aluminum, Carpet Separator Threshold (Pemko 246A)	29.15	7.97
		For Color Anodized Finish, Add	*2.77*	
08 72 43 00-0141	LF	3" Width, 3/4" Height, Aluminum, Carpet Separator Threshold (Pemko 230A)	45.61	11.38
		For Color Anodized Finish, Add	*6.86*	
08 72 43 00-0142	LF	4" Width, 3/4" Height, Aluminum, Carpet Separator Threshold (Pemko 2464A)	48.25	11.38
		For Color Anodized Finish, Add	*5.94*	
08 72 43 00-0143		Brass/Bronze, Carpet Separator Thresholds *(08 72 43 00-0129)*		
08 72 43 00-0144		3/8" Height, Brass/Bronze, Carpet Separator Thresholds *(08 72 43 00-0143)*		
08 72 43 00-0145	LF	2-1/2" Width, 3/8" Height, Brass/Bronze, Carpet Separator Threshold (Pemko 174B)	105.86	9.11
08 72 43 00-0146		7/16" Height, Brass/Bronze, Carpet Separator Thresholds *(08 72 43 00-0143)*		
08 72 43 00-0147	LF	1-3/4" Width, 7/16" Height, Brass/Bronze, Carpet Separator Threshold (Pemko 236B)	137.73	7.97
08 72 43 00-0148	LF	4" Width, 7/16" Height, Brass/Bronze, Carpet Separator Threshold (Pemko 2364B)	127.06	11.38
08 72 43 00-0149		Vinyl Transition Thresholds *(08 72 43 00-0001)*		
		Note: Serves as a transition where carpet meets carpet, tile, VCT or concrete beneath a door.		
08 72 43 00-0150		Carpet To Carpet, Vinyl Transition Thresholds *(08 72 43 00-0149)*		
		Note: Serves as a transition where carpet meets carpet beneath a door.		
08 72 43 00-0151	LF	2-3/4" Width, 23/32" Height, Carpet To Carpet, Vinyl Transition Threshold (Pemko V232BL)	44.23	9.11
08 72 43 00-0152		Carpet To Tile, Vinyl Transition Thresholds *(08 72 43 00-0149)*		
		Note: Serves as a transition where carpet meets tile beneath a door.		
08 72 43 00-0153	LF	2-3/4" Width, 23/32" Height, Carpet To Tile, Vinyl Transition Threshold (Pemko V2325BL)	44.23	9.11
08 72 43 00-0154		Carpet To Concrete, Vinyl Transition Thresholds *(08 72 43 00-0149)*		
		Note: Serves as a transition where carpet meets concrete beneath a door.		
08 72 43 00-0155	LF	3-1/2" Width, 23/32" Height, Carpet To Concrete, Vinyl Transition Threshold (Pemko V2320BL)	46.73	11.38
08 72 43 00-0156		Carpet To VCT Tile, Vinyl Transition Thresholds *(08 72 43 00-0149)*		
		Note: Serves as a transition where carpet meets VCT Tile beneath a door.		
08 72 43 00-0157	LF	3-7/16" Width, 23/32" Height, Carpet To VCT Tile, Vinyl Transition Threshold (Pemko V2322BL)	50.30	11.38
08 72 43 00-0158		Residential Thresholds *(08 72 43 00-0001)*		
08 72 43 00-0159		Wood Residential Thresholds *(08 72 43 00-0158)*		
08 72 43 00-0160	LF	1-1/4" Width, 1/4" Height, Oak Residential Threshold (Pemko 2219W)	18.26	5.70
08 72 43 00-0161	LF	1-3/4" Width, 5/16" Height, Oak Residential Threshold (Pemko 2175W)	18.99	5.70
08 72 43 00-0162	LF	3" Width, 3/8" Height, Oak Residential Threshold (Pemko 2300W)	26.34	6.06
08 72 43 00-0163	LF	3-1/2" Width, 1/2" Height, Oak Residential Threshold (Pemko 2350W)	26.70	6.28
08 72 43 00-0164	LF	5" Width, 1/2" Height, Oak Residential Threshold (Pemko 2500W)	41.81	6.46
08 72 43 00-0165		Vinyl Top, Wood Residential Thresholds *(08 72 43 00-0158)*		
08 72 43 00-0166	LF	1-5/8" Width, 15/16" Height, Vinyl Top, Wood Residential Threshold (Pemko 208OAK)	22.29	5.70
08 72 43 00-0167	LF	3-1/2" Width, 1-1/8" Height, Vinyl Top, Wood Residential Threshold (Pemko 203OAK)	27.36	6.28
08 72 43 00-0168	LF	3-5/8" Width, 1-3/8" Height, Vinyl Top, Wood Residential Threshold (Pemko 204OAK)	53.08	6.28
08 72 43 00-0169		Vinyl Top, Aluminum Residential Thresholds *(08 72 43 00-0158)*		
08 72 43 00-0170	LF	1-3/8" Width, 1/2" Height, Vinyl Top, Aluminum Residential Threshold (Pemko 208AV)	22.36	5.70
		For Color Anodized Finish, Add	*3.25*	
08 72 43 00-0171	LF	3-1/4" Width, 3/4" Height, Vinyl Top, Aluminum Residential Threshold (Pemko 206AV)	26.26	6.28
		For Color Anodized Finish, Add	*4.22*	
08 72 43 00-0172	LF	3-1/2" Width, 1-1/8" Height, Vinyl Top, Aluminum Residential Threshold (Pemko 207AV)	28.02	6.28
		For Color Anodized Finish, Add	*4.92*	
08 72 43 00-0173		Interlocking Residential Thresholds *(08 72 43 00-0158)*		
08 72 43 00-0174		Aluminum Interlocking Residential Thresholds *(08 72 43 00-0173)*		
08 72 43 00-0175		1/2" Height, Aluminum Interlocking Residential Thresholds *(08 72 43 00-0174)*		
08 72 43 00-0176	LF	4-1/4" Width, 1/2" Height, Aluminum Interlocking Residential Threshold (Pemko 114A)	51.99	6.46
		For Color Anodized Finish, Add	*10.75*	
08 72 43 00-0177		5/8" Height, Aluminum Interlocking Residential Thresholds *(08 72 43 00-0174)*		
08 72 43 00-0178	LF	3" Width, 5/8" Height, Aluminum Interlocking Residential Threshold (Pemko 121A)	33.83	6.06
		For Color Anodized Finish, Add	*5.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 43 00-0179	LF	3-1/2" Width, 5/8" Height, Aluminum Interlocking Residential Threshold (Pemko 110A)	30.44	6.28
		For Color Anodized Finish, Add	*7.37*	
08 72 43 00-0180	LF	4-1/4" Width, 5/8" Height, Aluminum Interlocking Residential Threshold (Pemko 115A)	35.73	6.46
		For Color Anodized Finish, Add	*5.87*	
08 72 43 00-0181		7/8" Height, Aluminum Interlocking Residential Thresholds *(08 72 43 00-0174)*		
08 72 43 00-0182	LF	4-1/2" Width, 7/8" Height, Aluminum Interlocking Residential Threshold (Pemko 120A)	39.24	6.46
		For Color Anodized Finish, Add	*11.54*	
08 72 43 00-0183		Brass/Bronze Interlocking Residential Thresholds *(08 72 43 00-0173)*		
08 72 43 00-0184		1/2" Height, Brass/Bronze Interlocking Residential Thresholds *(08 72 43 00-0183)*		
08 72 43 00-0185	LF	4-1/4" Width, 1/2" Height, Brass/Bronze Interlocking Residential Threshold (Pemko 114B)	141.96	6.46
08 72 43 00-0186		5/8" Height, Brass/Bronze Interlocking Residential Thresholds *(08 72 43 00-0183)*		
08 72 43 00-0187	LF	3-1/2" Width, 5/8" Height, Brass/Bronze Interlocking Residential Threshold (Pemko 110B)	107.51	6.28
08 72 43 00-0188		7/8" Height, Brass/Bronze Interlocking Residential Thresholds *(08 72 43 00-0183)*		
08 72 43 00-0189	LF	4-1/2" Width, 7/8" Height, Brass/Bronze Interlocking Residential Threshold (Pemko 120B)	145.36	6.46
08 72 43 00-0190	LF	5-3/4" Width, 7/8" Height, 3/4" Offset, Brass/Bronze Interlocking Residential Threshold (Pemko 123B)	207.02	6.65
08 72 43 00-0191		Residential Door Sills *(08 72 43 00-0001)*		
08 72 43 00-0192		Fixed Aluminum Residential Door Sills *(08 72 43 00-0191)*		
08 72 43 00-0193	LF	4-9/16" Width, 1-1/4" Height, Fixed Aluminum Residential Door Sill (Pemko 84514A)	28.69	6.46
		For Color Anodized Finish, Add	*6.27*	
08 72 43 00-0194	LF	5-5/8" Width, 1-1/4" Height, Fixed Aluminum Residential Door Sill (Pemko 85514A)	30.87	6.65
		For Color Anodized Finish, Add	*5.70*	
08 72 43 00-0195		Adjustable Aluminum Top, Aluminum Residential Door Sills *(08 72 43 00-0191)*		
08 72 43 00-0196	LF	4-7/8" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 94518A)	42.12	6.46
		For Color Anodized Finish, Add	*9.09*	
08 72 43 00-0197	LF	5-3/4" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 95518A)	43.23	6.65
		For Color Anodized Finish, Add	*9.31*	
08 72 43 00-0198		Adjustable Wood Top, Aluminum Residential Door Sills *(08 72 43 00-0191)*		
08 72 43 00-0199	LF	3-3/4" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 93518AW)	42.72	6.28
		For Color Anodized Finish, Add	*9.45*	
08 72 43 00-0200	LF	4-7/8" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 94518AW)	43.17	6.46
		For Color Anodized Finish, Add	*6.75*	
08 72 43 00-0201	LF	5-3/4" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 95518AW)	45.09	6.65
		For Color Anodized Finish, Add	*7.12*	
08 72 43 00-0202		Extenders For Aluminum Residential Door Sills *(08 72 43 00-0191)*		
08 72 43 00-0203	LF	3/4" Extender For Aluminum Residential Door Sills (Pemko EXT3/4A)	16.88	5.70
		For Color Anodized Finish, Add	*3.85*	
08 72 43 00-0204	LF	2" Extender For Aluminum Residential Door Sills (Pemko EXT2A)	18.63	5.70
		For Color Anodized Finish, Add	*3.63*	
08 72 43 00-0205	LF	3" Extender For Aluminum Residential Door Sills (Pemko EXT3A)	20.39	5.70
		For Color Anodized Finish, Add	*2.25*	
08 72 43 00-0206		Stone Thresholds *(08 72 43 00-0001)*		
08 72 43 00-0207		Marble Thresholds *(08 72 43 00-0206)*		
08 72 43 00-0208	LF	2" Width, 5/8" Height, Plain Marble Threshold	21.02	8.04
08 72 43 00-0209	LF	4" Width, 5/8" Height, Plain Marble Threshold	23.36	8.04
08 72 43 00-0210	LF	6" Width, 5/8" Height, Plain Marble Threshold	26.49	8.04
08 72 43 00-0211	LF	4" Width, 7/8" Height, Plain Marble Threshold	33.54	8.04
08 72 43 00-0212	LF	6" Width, 7/8" Height, Plain Marble Threshold	41.80	8.04
08 72 43 00-0213		Corian Thresholds *(08 72 43 00-0206)*		
08 72 43 00-0214	LF	Up To 5-3/4" Width, Corian Threshold	91.25	9.45

08 75 Window Hardware *(08 70)*

08 75 13 Automatic Window Equipment *(08 75)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 75 13 00-0001		Window Opener Electric, With 1/2 HP Motor *(08 75 13)*		
08 75 13 00-0002	EA	Gym Window Electronic Opener	2,096.69	242.57

08 78 Special Function Hardware *(08 70)*

08 78 00 00-0001		Pad Locks *(08 78)*		
08 78 00 00-0002	EA	Combination Padlock	24.74	5.70
08 78 00 00-0003	EA	Resettable Combination Padlock With Control Key, 4 Digit, 2" Wide Case, 1" Shackle Height	58.97	5.70
08 78 00 00-0004	EA	Resettable Combination Padlock, 4 Digit, 2" Wide Case, 1" Shackle Height	54.33	5.70
08 78 00 00-0005	EA	Resettable Combination Padlock, 4 Digit, 2" Wide Case, 2-1/4" Shackle Height	60.08	5.70
08 78 00 00-0006	EA	Commercial U-Bar Lock	73.37	5.70
08 78 00 00-0007	EA	Weather Tough Padlocks Keyed Alike	61.23	5.70
08 78 00 00-0008	EA	High Security Padlocks	55.09	5.70
08 78 00 00-0009	EA	Standard Key, Medium Security Padlock Keyed Alike	28.12	5.70

08 79 Hardware Accessories *(08 70)*

08 79 13 Key Storage Equipment *(08 79)*

08 79 13 00-0001		Key Cabinet *(08 79 13)*		
08 79 13 00-0002		Key Cabinets *(08 79 13 00-0001)*		
08 79 13 00-0003	EA	Wall Mounted Key Cabinet, Up To 30 Keys	528.16	20.49
08 79 13 00-0004	EA	Wall Mounted Key Cabinet, Up To 60 Keys	714.44	22.76
08 79 13 00-0005	EA	Wall Mounted Key Cabinet, Up To 240 Keys	1,609.56	34.15
08 79 13 00-0006	EA	Wall Mounted Key Cabinet, Up To 1,200 Keys	4,164.12	45.53
08 79 13 00-0007	EA	Drawer Type Key Cabinet, Up To 600 Keys	4,450.19	30.16
08 79 13 00-0008	EA	Drawer Type Key Cabinet, Up To 2,400 Keys	10,069.83	22.76
08 79 13 00-0009	EA	Tray Type Key Cabinet, Up To 20 Keys	221.87	9.11
08 79 13 00-0010	EA	Tray Type Key Cabinet, Up To 50 Keys	316.93	11.38
08 79 13 00-0011		Key Boxes Wall Mounted On Any Type Wall, With Anchor *(08 79 13 00-0001)*		
08 79 13 00-0012	EA	Key Box, Metal, 30 Key Hooks, Key Lock Door 3" Deep x 10" Wide x 12" High	301.17	17.09
08 79 13 00-0013	EA	Key Box, Metal, 60 Key Hooks, Key Lock Door, 3" Deep x 10" Wide x 12" High	341.90	17.09
08 79 13 00-0014	EA	Relocate 10" Wide x 12" High x 3" Deep Metal Key Box Note: Including Storage And Cleaning	58.08	
08 79 13 00-0015	EA	Relocate Heavy-Duty Key Box, With Combo Lock Door Note: Including Storage And Cleaning	130.96	

08 80 Glazing *(08)*

Note: Includes neoprene setting blocks and spacers and elastomeric sealants for all glazing tasks.

08 81 Glass Glazing *(08 80)*

08 81 23 Exterior Glass Glazing *(08 81)*

08 81 23 13 Factory Installed Glass Glazing *(08 81 23)*

08 81 23 13-0001		Clear Float Factory Installed Glass *(08 81 23 13)*		
08 81 23 13-0002		Clear Float Factory Installed Glass *(08 81 23 13-0001)* Note: Type I, Class I, Quality Q3.		
08 81 23 13-0003	SF	1/8" Thick, Clear Float Factory Installed Glass	8.74	
		For >50 To 200, Deduct	*-0.26*	
		For >200 To 400, Deduct	*-0.52*	
		For >400, Deduct	*-0.79*	
		For Tinted Glass, Add	*2.19*	
		For Reflective Coated Glass, Add	*3.93*	
		For Low-E Coated Glass, Add	*2.19*	
08 81 23 13-0004	SF	3/16" Thick, Clear Float Factory Installed Glass	9.37	
		For >50 To 200, Deduct	*-0.28*	
		For >200 To 400, Deduct	*-0.56*	
		For >400, Deduct	*-0.84*	
		For Tinted Glass, Add	*2.34*	
		For Reflective Coated Glass, Add	*4.22*	
		For Low-E Coated Glass, Add	*2.34*	
08 81 23 13-0005	SF	1/4" Thick, Clear Float Factory Installed Glass	11.36	
		For >50 To 200, Deduct	*-0.34*	
		For >200 To 400, Deduct	*-0.68*	
		For >400, Deduct	*-1.02*	
		For Tinted Glass, Add	*2.84*	
		For Reflective Coated Glass, Add	*5.11*	
		For Low-E Coated Glass, Add	*2.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 13-0006	SF	5/16" Thick, Clear Float Factory Installed Glass	18.89	
		For >50 To 200, Deduct	*-0.57*	
		For >200 To 400, Deduct	*-1.13*	
		For >400, Deduct	*-1.70*	
		For Tinted Glass, Add	*4.72*	
		For Reflective Coated Glass, Add	*8.50*	
		For Low-E Coated Glass, Add	*4.72*	
08 81 23 13-0007	SF	3/8" Thick, Clear Float Factory Installed Glass	27.48	
		For >50 To 200, Deduct	*-0.82*	
		For >200 To 400, Deduct	*-1.65*	
		For >400, Deduct	*-2.47*	
		For Tinted Glass, Add	*6.87*	
		For Reflective Coated Glass, Add	*12.37*	
		For Low-E Coated Glass, Add	*6.87*	
08 81 23 13-0008	SF	1/2" Thick, Clear Float Factory Installed Glass	30.20	
		For >50 To 200, Deduct	*-0.91*	
		For >200 To 400, Deduct	*-1.81*	
		For >400, Deduct	*-2.72*	
		For Tinted Glass, Add	*7.55*	
		For Reflective Coated Glass, Add	*13.59*	
		For Low-E Coated Glass, Add	*7.55*	
08 81 23 13-0009	SF	5/8" Thick, Clear Float Factory Installed Glass	36.13	
		For >50 To 200, Deduct	*-1.08*	
		For >200 To 400, Deduct	*-2.17*	
		For >400, Deduct	*-3.25*	
		For Tinted Glass, Add	*9.03*	
		For Reflective Coated Glass, Add	*16.26*	
		For Low-E Coated Glass, Add	*9.03*	
08 81 23 13-0010	SF	3/4" Thick, Clear Float Factory Installed Glass	44.63	
		For >50 To 200, Deduct	*-1.34*	
		For >200 To 400, Deduct	*-2.68*	
		For >400, Deduct	*-4.02*	
		For Tinted Glass, Add	*11.16*	
		For Reflective Coated Glass, Add	*20.08*	
		For Low-E Coated Glass, Add	*11.16*	

08 81 23 13-0011 Heat Treated Factory Installed Glass *(08 81 23 13)*

08 81 23 13-0012 Tempered, Clear Float Factory Installed Glass *(08 81 23 13-0011)*

Note: Type I, Class I, Quality Q3.

08 81 23 13-0013	SF	1/8" Thick, Tempered, Clear Float Factory Installed Glass	13.01	
		For >50 To 200, Deduct	*-0.39*	
		For >200 To 400, Deduct	*-0.78*	
		For >400, Deduct	*-1.17*	
		For Tinted Glass, Add	*3.25*	
		For Reflective Coated Glass, Add	*5.85*	
		For Low-E Coated Glass, Add	*3.25*	
08 81 23 13-0014	SF	3/16" Thick, Tempered, Clear Float Factory Installed Glass	13.90	
		For >50 To 200, Deduct	*-0.42*	
		For >200 To 400, Deduct	*-0.83*	
		For >400, Deduct	*-1.25*	
		For Tinted Glass, Add	*3.48*	
		For Reflective Coated Glass, Add	*6.26*	
		For Low-E Coated Glass, Add	*3.48*	
08 81 23 13-0015	SF	1/4" Thick, Tempered, Clear Float Factory Installed Glass	16.91	
		For >50 To 200, Deduct	*-0.51*	
		For >200 To 400, Deduct	*-1.01*	
		For >400, Deduct	*-1.52*	
		For Tinted Glass, Add	*4.23*	
		For Reflective Coated Glass, Add	*7.61*	
		For Low-E Coated Glass, Add	*4.23*	
08 81 23 13-0016	SF	5/16" Thick, Tempered, Clear Float Factory Installed Glass	28.15	
		For >50 To 200, Deduct	*-0.84*	
		For >200 To 400, Deduct	*-1.69*	
		For >400, Deduct	*-2.53*	
		For Tinted Glass, Add	*7.04*	
		For Reflective Coated Glass, Add	*12.67*	
		For Low-E Coated Glass, Add	*7.04*	
08 81 23 13-0017	SF	3/8" Thick, Tempered, Clear Float Factory Installed Glass	40.91	
		For >50 To 200, Deduct	*-1.23*	
		For >200 To 400, Deduct	*-2.45*	
		For >400, Deduct	*-3.68*	
		For Tinted Glass, Add	*10.23*	
		For Reflective Coated Glass, Add	*18.41*	
		For Low-E Coated Glass, Add	*10.23*	
08 81 23 13-0018	SF	1/2" Thick, Tempered, Clear Float Factory Installed Glass	44.94	
		For >50 To 200, Deduct	*-1.35*	
		For >200 To 400, Deduct	*-2.70*	
		For >400, Deduct	*-4.04*	
		For Tinted Glass, Add	*11.24*	
		For Reflective Coated Glass, Add	*20.22*	
		For Low-E Coated Glass, Add	*11.24*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 13-0019	SF	5/8" Thick, Tempered, Clear Float Factory Installed Glass	53.77	
		For >50 To 200, Deduct	*-1.61*	
		For >200 To 400, Deduct	*-3.23*	
		For >400, Deduct	*-4.84*	
		For Tinted Glass, Add	*13.44*	
		For Reflective Coated Glass, Add	*24.20*	
		For Low-E Coated Glass, Add	*13.44*	
08 81 23 13-0020	SF	3/4" Thick, Tempered, Clear Float Factory Installed Glass	66.42	
		For >50 To 200, Deduct	*-1.99*	
		For >200 To 400, Deduct	*-3.99*	
		For >400, Deduct	*-5.98*	
		For Tinted Glass, Add	*16.61*	
		For Reflective Coated Glass, Add	*29.89*	
		For Low-E Coated Glass, Add	*16.61*	
08 81 23 13-0021		Patterned Factory Installed Glass *(08 81 23 13)*		
08 81 23 13-0022		Rough Obscure, Factory Installed Glass *(08 81 23 13-0021)*		
		Note: Class II, Form 3, Finish F1.		
08 81 23 13-0023	SF	1/4" Thick, Rough Obscure, Factory Installed Glass	71.08	
08 81 23 13-0024		Patterned, Figured Factory Installed Glass *(08 81 23 13-0021)*		
		Note: Kind HS, Type II, Class I, Form 3, Quality Q8, Finish F2, Pattern P4.		
08 81 23 13-0025	SF	1/8" Thick, Patterned, Figured Factory Installed Glass	43.18	
08 81 23 13-0026	SF	7/32" Thick, Patterned, Figured Factory Installed Glass	43.18	
08 81 23 13-0027		Wired Factory Installed Glass *(08 81 23 13)*		
08 81 23 13-0028		Square Or Diamond Pattern, Wired Factory Installed Glass *(08 81 23 13-0027)*		
		Note: Class I, Form 2, Mesh M1 Or M2, Pattern P2.		
08 81 23 13-0029	SF	1/4" Thick, Square Pattern, Wired Factory Installed Glass	111.76	
08 81 23 13-0030	SF	1/4" Thick, Diamond Pattern, Wired Factory Installed Glass	111.76	
08 81 23 13-0031		Polished, Wired Factory Installed Glass *(08 81 23 13-0027)*		
08 81 23 13-0032	SF	1/4" Thick, Polished, Wired Factory Installed Glass	122.17	
08 81 23 13-0033		Frosted Factory Installed Glass *(08 81 23 13)*		
08 81 23 13-0034		Frosted Factory Installed Glass *(08 81 23 13-0033)*		
08 81 23 13-0035	SF	1/8" Thick, Frosted Factory Installed Glass	56.50	
		For >50 To 200, Deduct	*-1.70*	
		For >200 To 400, Deduct	*-3.39*	
		For >400, Deduct	*-5.09*	
08 81 23 13-0036	SF	3/16" Thick, Frosted Factory Installed Glass	74.14	
		For >50 To 200, Deduct	*-2.22*	
		For >200 To 400, Deduct	*-4.45*	
		For >400, Deduct	*-6.67*	
08 81 23 13-0037	SF	1/4" Thick, Frosted Factory Installed Glass	93.71	
		For >50 To 200, Deduct	*-2.81*	
		For >200 To 400, Deduct	*-5.62*	
		For >400, Deduct	*-8.43*	
08 81 23 13-0038	SF	3/8" Thick, Frosted Factory Installed Glass	140.08	
		For >50 To 200, Deduct	*-4.20*	
		For >200 To 400, Deduct	*-8.40*	
		For >400, Deduct	*-12.61*	
08 81 23 13-0039		Fire Rated Factory Installed Glass *(08 81 23 13)*		
08 81 23 13-0040		Fire Rated Factory Installed Glass *(08 81 23 13-0039)*		
08 81 23 13-0041	SF	20 Minute, Fire Rated Factory Installed Glass	53.66	
08 81 23 13-0042	SF	45 Minute, Fire Rated Factory Installed Glass	106.83	
08 81 23 13-0043	SF	60 Minute, Fire Rated Factory Installed Glass	165.10	
08 81 23 13-0044	SF	90 Minute, Fire Rated Factory Installed Glass	218.52	
08 81 23 13-0045		Laminated Factory Installed Glass *(08 81 23 13)*		
08 81 23 13-0046		Laminated Glass With PVB Interlayer, Factory Installed Glass *(08 81 23 13-0045)*		
		Note: Type I, Class I, Quality Q3.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 13-0047	SF	1/4" Thick, Laminated Glass With PVB Interlayer, Factory Installed Glass	35.44	
		For >50 To 200, Deduct	*-1.06*	
		For >200 To 400, Deduct	*-2.13*	
		For >400, Deduct	*-3.19*	
		For Tinted Glass, Add	*7.09*	
		For Reflective Coated Glass, Add	*10.63*	
		For Low-E Coated Glass, Add	*8.86*	
		For One Piece Heat Strengthened Glass, Add	*7.09*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*7.09*	
		Note: Double UOM if applied for both interior and exterior glazing		
08 81 23 13-0048	SF	3/8" Thick, Laminated Glass With PVB Interlayer, Factory Installed Glass	44.24	
		For >50 To 200, Deduct	*-1.33*	
		For >200 To 400, Deduct	*-2.65*	
		For >400, Deduct	*-3.98*	
		For Tinted Glass, Add	*8.85*	
		For Reflective Coated Glass, Add	*13.27*	
		For Low-E Coated Glass, Add	*11.06*	
		For One Piece Heat Strengthened Glass, Add	*8.85*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*8.85*	
		Note: Double UOM if applied for both interior and exterior glazing		
08 81 23 13-0049	SF	1/2" Thick, Laminated Glass With PVB Interlayer, Factory Installed Glass	51.11	
		For >50 To 200, Deduct	*-1.53*	
		For >200 To 400, Deduct	*-3.07*	
		For >400, Deduct	*-4.60*	
		For Tinted Glass, Add	*10.22*	
		For Reflective Coated Glass, Add	*15.33*	
		For Low-E Coated Glass, Add	*12.78*	
		For One Piece Heat Strengthened Glass, Add	*10.22*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*10.22*	
		Note: Double UOM if applied for both interior and exterior glazing		

08 81 23 13-0050 Insulated Factory Installed Glass *(08 81 23 13)*

08 81 23 13-0051 Insulated, Factory Installed Glass *(08 81 23 13-0050)*

Note: Type I, Class I, Quality Q3.

08 81 23 13-0052 3/16" Air Space, Insulated, Factory Installed Glass *(08 81 23 13-0051)*

Note: Type I, Class I, Quality Q3.

08 81 23 13-0053	SF	3/8" Thick, Insulated Factory Installed Glass Note: Two 3/32" lites with 3/16" air space.	21.80	
		For >50 To 200, Deduct	*-0.65*	
		For >200 To 400, Deduct	*-1.31*	
		For >400, Deduct	*-1.96*	
		For Tinted Glass, Add	*3.27*	
		For Reflective Coated Glass, Add	*6.54*	
		For Low-E Coated Glass, Add	*5.45*	
		For One Piece Heat Strengthened Glass, Add	*4.36*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*4.36*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Obscure Glass, Add	*9.27*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For Argon Gas, Add	*3.00*	
08 81 23 13-0054	SF	1/2" Thick, Insulated Factory Installed Glass Note: One 3/16" lite and one 1/8" lite with 3/16" air space.	23.82	
		For >50 To 200, Deduct	*-0.71*	
		For >200 To 400, Deduct	*-1.43*	
		For >400, Deduct	*-2.14*	
		For Tinted Glass, Add	*3.57*	
		For Reflective Coated Glass, Add	*7.15*	
		For Low-E Coated Glass, Add	*5.96*	
		For One Piece Heat Strengthened Glass, Add	*4.76*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*4.76*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Obscure Glass, Add	*10.12*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For Argon Gas, Add	*3.28*	
08 81 23 13-0055	SF	9/16" Thick, Insulated Factory Installed Glass Note: Two 3/16" lites with 3/16" air space.	23.86	
		For >50 To 200, Deduct	*-0.72*	
		For >200 To 400, Deduct	*-1.43*	
		For >400, Deduct	*-2.15*	
		For Tinted Glass, Add	*3.58*	
		For Reflective Coated Glass, Add	*7.16*	
		For Low-E Coated Glass, Add	*5.97*	
		For One Piece Heat Strengthened Glass, Add	*4.77*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*4.77*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Obscure Glass, Add	*10.14*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For Argon Gas, Add	*3.28*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 13-0056		1/4" Air Space, Insulated, Factory Installed Glass *(08 81 23 13-0051)* Note: Type I, Class I, Quality Q3.		
08 81 23 13-0057	SF	7/16" Thick, Insulated Factory Installed Glass Note: Two 3/32" lites with 1/4" air space.	22.44	
		For >50 To 200, Deduct	*-0.67*	
		For >200 To 400, Deduct	*-1.35*	
		For >400, Deduct	*-2.02*	
		For Tinted Glass, Add	*3.37*	
		For Reflective Coated Glass, Add	*6.73*	
		For Low-E Coated Glass, Add	*5.61*	
		For One Piece Heat Strengthened Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*4.49*	
		For One Piece Fully Tempered Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*4.49*	
		For One Piece Obscure Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*9.54*	
		For Argon Gas, Add	*3.09*	
08 81 23 13-0058	SF	1/2" Thick, Insulated Factory Installed Glass Note: Two 1/8" lites with 1/4" air space.	23.82	
		For >50 To 200, Deduct	*-0.71*	
		For >200 To 400, Deduct	*-1.43*	
		For >400, Deduct	*-2.14*	
		For Tinted Glass, Add	*3.57*	
		For Reflective Coated Glass, Add	*7.15*	
		For Low-E Coated Glass, Add	*5.96*	
		For One Piece Heat Strengthened Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*4.76*	
		For One Piece Fully Tempered Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*4.76*	
		For One Piece Obscure Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*10.12*	
		For Argon Gas, Add	*3.28*	
08 81 23 13-0059	SF	5/8" Thick, Insulated Factory Installed Glass Note: Two 3/16" lites with 1/4" air space.	24.09	
		For >50 To 200, Deduct	*-0.72*	
		For >200 To 400, Deduct	*-1.45*	
		For >400, Deduct	*-2.17*	
		For Tinted Glass, Add	*3.61*	
		For Reflective Coated Glass, Add	*7.23*	
		For Low-E Coated Glass, Add	*6.02*	
		For One Piece Heat Strengthened Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*4.82*	
		For One Piece Fully Tempered Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*4.82*	
		For One Piece Obscure Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*10.24*	
		For Argon Gas, Add	*3.31*	
08 81 23 13-0060	SF	5/8" Thick, Insulated Factory Installed Glass Note: One 1/4" lite and one 1/8" lite with 1/4" air space.	24.09	
		For >50 To 200, Deduct	*-0.72*	
		For >200 To 400, Deduct	*-1.45*	
		For >400, Deduct	*-2.17*	
		For Tinted Glass, Add	*3.61*	
		For Reflective Coated Glass, Add	*7.23*	
		For Low-E Coated Glass, Add	*6.02*	
		For One Piece Heat Strengthened Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*4.82*	
		For One Piece Fully Tempered Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*4.82*	
		For One Piece Obscure Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*10.24*	
		For Argon Gas, Add	*3.31*	
08 81 23 13-0061	SF	3/4" Thick, Insulated Factory Installed Glass Note: Two 1/4" lites with 1/4" air space.	27.54	
		For >50 To 200, Deduct	*-0.83*	
		For >200 To 400, Deduct	*-1.65*	
		For >400, Deduct	*-2.48*	
		For Tinted Glass, Add	*4.13*	
		For Reflective Coated Glass, Add	*8.26*	
		For Low-E Coated Glass, Add	*6.89*	
		For One Piece Heat Strengthened Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*5.51*	
		For One Piece Fully Tempered Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*5.51*	
		For One Piece Obscure Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*11.70*	
		For Argon Gas, Add	*3.79*	
08 81 23 13-0062		3/8" Air Space, Insulated, Factory Installed Glass *(08 81 23 13-0051)* Note: Type I, Class I, Quality Q3.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 13-0063	SF	5/8" Thick, Insulated Factory Installed Glass	24.09	
		Note: Two 1/8" lites with 3/8" air space.		
		For >50 To 200, Deduct	*-0.72*	
		For >200 To 400, Deduct	*-1.45*	
		For >400, Deduct	*-2.17*	
		For Tinted Glass, Add	*3.61*	
		For Reflective Coated Glass, Add	*7.23*	
		For Low-E Coated Glass, Add	*6.02*	
		For One Piece Heat Strengthened Glass, Add	*4.82*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*4.82*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Obscure Glass, Add	*10.24*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For Argon Gas, Add	*3.31*	
08 81 23 13-0064	SF	3/4" Thick, Insulated Factory Installed Glass	25.24	
		Note: Two 3/16" lites with 3/8" air space.		
		For >50 To 200, Deduct	*-0.76*	
		For >200 To 400, Deduct	*-1.51*	
		For >400, Deduct	*-2.27*	
		For Tinted Glass, Add	*3.79*	
		For Reflective Coated Glass, Add	*7.57*	
		For Low-E Coated Glass, Add	*6.31*	
		For One Piece Heat Strengthened Glass, Add	*5.05*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*5.05*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Obscure Glass, Add	*10.73*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For Argon Gas, Add	*3.47*	
08 81 23 13-0065	SF	7/8" Thick, Insulated Factory Installed Glass	27.99	
		Note: Two 1/4" lites with 3/8" air space.		
		For >50 To 200, Deduct	*-0.84*	
		For >200 To 400, Deduct	*-1.68*	
		For >400, Deduct	*-2.52*	
		For Tinted Glass, Add	*4.20*	
		For Reflective Coated Glass, Add	*8.40*	
		For Low-E Coated Glass, Add	*7.00*	
		For One Piece Heat Strengthened Glass, Add	*5.60*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*5.60*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Obscure Glass, Add	*11.90*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For Argon Gas, Add	*3.85*	
08 81 23 13-0066	SF	1" Thick, Insulated Factory Installed Glass	31.62	
		Note: Two 5/16" lites with 3/8" air space.		
		For >50 To 200, Deduct	*-0.95*	
		For >200 To 400, Deduct	*-1.90*	
		For >400, Deduct	*-2.85*	
		For Tinted Glass, Add	*4.74*	
		For Reflective Coated Glass, Add	*9.49*	
		For Low-E Coated Glass, Add	*7.91*	
		For One Piece Heat Strengthened Glass, Add	*6.32*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*6.32*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Obscure Glass, Add	*13.44*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For Argon Gas, Add	*4.35*	

08 81 23 13-0067 1/2" Air Space, Insulated, Factory Installed Glass *(08 81 23 13-0051)*

Note: Type I, Class I, Quality Q3.

08 81 23 13-0068	SF	3/4" Thick, Insulated Factory Installed Glass	25.24	
		Note: Two 1/8" lites with 1/2" air space.		
		For >50 To 200, Deduct	*-0.76*	
		For >200 To 400, Deduct	*-1.51*	
		For >400, Deduct	*-2.27*	
		For Tinted Glass, Add	*3.79*	
		For Reflective Coated Glass, Add	*7.57*	
		For Low-E Coated Glass, Add	*6.31*	
		For One Piece Heat Strengthened Glass, Add	*5.05*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*5.05*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Obscure Glass, Add	*10.73*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For Argon Gas, Add	*3.47*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 13-0069	SF	7/8" Thick, Insulated Factory Installed Glass Note: Two 3/16" lites with 1/2" air space.	27.99	
		For >50 To 200, Deduct	*-0.84*	
		For >200 To 400, Deduct	*-1.68*	
		For >400, Deduct	*-2.52*	
		For Tinted Glass, Add	*4.20*	
		For Reflective Coated Glass, Add	*8.40*	
		For Low-E Coated Glass, Add	*7.00*	
		For One Piece Heat Strengthened Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*5.60*	
		For One Piece Fully Tempered Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*5.60*	
		For One Piece Obscure Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*11.90*	
		For Argon Gas, Add	*3.85*	
08 81 23 13-0070	SF	7/8" Thick, Insulated Factory Installed Glass Note: One 1/4" lite and one 1/8" lite with 1/2" air space.	27.99	
		For >50 To 200, Deduct	*-0.84*	
		For >200 To 400, Deduct	*-1.68*	
		For >400, Deduct	*-2.52*	
		For Tinted Glass, Add	*4.20*	
		For Reflective Coated Glass, Add	*8.40*	
		For Low-E Coated Glass, Add	*7.00*	
		For One Piece Heat Strengthened Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*5.60*	
		For One Piece Fully Tempered Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*5.60*	
		For One Piece Obscure Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*11.90*	
		For Argon Gas, Add	*3.85*	
08 81 23 13-0071	SF	1" Thick, Insulated Factory Installed Glass Note: Two 1/4" lites with 1/2" air space.	30.61	
		For >50 To 200, Deduct	*-0.92*	
		For >200 To 400, Deduct	*-1.84*	
		For >400, Deduct	*-2.75*	
		For Tinted Glass, Add	*4.59*	
		For Reflective Coated Glass, Add	*9.18*	
		For Low-E Coated Glass, Add	*7.65*	
		For One Piece Heat Strengthened Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*6.12*	
		For One Piece Fully Tempered Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*6.12*	
		For One Piece Obscure Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*13.01*	
		For Argon Gas, Add	*4.21*	

08 81 23 23 Field Installed Glass Glazing *(08 81 23)*

Note: For replacement of existing glazing (use glass removal modifiers) and includes removal of glazing (broken or whole), sealant compound and/or astragal, taking down and resetting mullion where necessary.

08 81 23 23-0001 Clear Float Field Installed Glass *(08 81 23 23)*

08 81 23 23-0002 Clear Float Field Installed Glass *(08 81 23 23-0001)*

Note: Type I, Class I, Quality Q3.

CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 23-0003	SF	1/8" Thick, Clear Float Field Installed Glass	24.10	
		For >50 To 200, Deduct	*-1.64*	
		For >200 To 400, Deduct	*-2.98*	
		For >400, Deduct	*-4.01*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*11.52*	
		For Tinted Glass, Add	*2.19*	
		For Reflective Coated Glass, Add	*3.93*	
		For Low-E Coated Glass, Add	*2.19*	
08 81 23 23-0004	SF	3/16" Thick, Clear Float Field Installed Glass	25.91	
		For >50 To 200, Deduct	*-1.77*	
		For >200 To 400, Deduct	*-3.21*	
		For >400, Deduct	*-4.32*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*12.41*	
		For Tinted Glass, Add	*2.34*	
		For Reflective Coated Glass, Add	*4.22*	
		For Low-E Coated Glass, Add	*2.34*	
08 81 23 23-0005	SF	1/4" Thick, Clear Float Field Installed Glass	29.08	
		For >50 To 200, Deduct	*-1.94*	
		For >200 To 400, Deduct	*-3.52*	
		For >400, Deduct	*-4.74*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*13.29*	
		For Tinted Glass, Add	*2.84*	
		For Reflective Coated Glass, Add	*5.11*	
		For Low-E Coated Glass, Add	*2.84*	
08 81 23 23-0006	SF	5/16" Thick, Clear Float Field Installed Glass	38.98	
		For >50 To 200, Deduct	*-2.37*	
		For >200 To 400, Deduct	*-4.35*	
		For >400, Deduct	*-5.92*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*15.07*	
		For Tinted Glass, Add	*4.72*	
		For Reflective Coated Glass, Add	*8.50*	
		For Low-E Coated Glass, Add	*4.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 23-0007	SF	3/8" Thick, Clear Float Field Installed Glass	49.92	
		For >50 To 200, Deduct	*-2.84*	
		For >200 To 400, Deduct	*-5.24*	
		For >400, Deduct	*-7.19*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*16.83*	
		For Tinted Glass, Add	*6.87*	
		For Reflective Coated Glass, Add	*12.37*	
		For Low-E Coated Glass, Add	*6.87*	
08 81 23 23-0008	SF	1/2" Thick, Clear Float Field Installed Glass	55.01	
		For >50 To 200, Deduct	*-3.14*	
		For >200 To 400, Deduct	*-5.78*	
		For >400, Deduct	*-7.93*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*18.61*	
		For Tinted Glass, Add	*7.55*	
		For Reflective Coated Glass, Add	*13.59*	
		For Low-E Coated Glass, Add	*7.55*	
08 81 23 23-0009	SF	5/8" Thick, Clear Float Field Installed Glass	66.84	
		For >50 To 200, Deduct	*-3.85*	
		For >200 To 400, Deduct	*-7.08*	
		For >400, Deduct	*-9.70*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*23.03*	
		For Tinted Glass, Add	*9.03*	
		For Reflective Coated Glass, Add	*16.26*	
		For Low-E Coated Glass, Add	*9.03*	
08 81 23 23-0010	SF	3/4" Thick, Clear Float Field Installed Glass	81.26	
		For >50 To 200, Deduct	*-4.64*	
		For >200 To 400, Deduct	*-8.54*	
		For >400, Deduct	*-11.71*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*27.47*	
		For Tinted Glass, Add	*11.16*	
		For Reflective Coated Glass, Add	*20.08*	
		For Low-E Coated Glass, Add	*11.16*	

08 81 23 23-0011 Heat Treated Field Installed Glass *(08 81 23 23)*

08 81 23 23-0012 Tempered, Clear Float Field Installed Glass *(08 81 23 23-0011)*

Note: Type I, Class I, Quality Q3.

08 81 23 23-0013	SF	1/8" Thick, Tempered, Clear Float Field Installed Glass	28.37	
		For >50 To 200, Deduct	*-1.77*	
		For >200 To 400, Deduct	*-3.24*	
		For >400, Deduct	*-4.40*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*11.52*	
		For Tinted Glass, Add	*3.25*	
		For Reflective Coated Glass, Add	*5.85*	
		For Low-E Coated Glass, Add	*3.25*	
08 81 23 23-0014	SF	3/16" Thick, Tempered, Clear Float Field Installed Glass	30.44	
		For >50 To 200, Deduct	*-1.91*	
		For >200 To 400, Deduct	*-3.48*	
		For >400, Deduct	*-4.72*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*12.41*	
		For Tinted Glass, Add	*3.48*	
		For Reflective Coated Glass, Add	*6.26*	
		For Low-E Coated Glass, Add	*3.48*	
08 81 23 23-0015	SF	1/4" Thick, Tempered, Clear Float Field Installed Glass	34.63	
		For >50 To 200, Deduct	*-2.10*	
		For >200 To 400, Deduct	*-3.85*	
		For >400, Deduct	*-5.24*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*13.29*	
		For Tinted Glass, Add	*4.23*	
		For Reflective Coated Glass, Add	*7.61*	
		For Low-E Coated Glass, Add	*4.23*	
08 81 23 23-0016	SF	5/16" Thick, Tempered, Clear Float Field Installed Glass	48.24	
		For >50 To 200, Deduct	*-2.65*	
		For >200 To 400, Deduct	*-4.90*	
		For >400, Deduct	*-6.75*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*15.07*	
		For Tinted Glass, Add	*7.04*	
		For Reflective Coated Glass, Add	*12.67*	
		For Low-E Coated Glass, Add	*7.04*	
08 81 23 23-0017	SF	3/8" Thick, Tempered, Clear Float Field Installed Glass	63.35	
		For >50 To 200, Deduct	*-3.25*	
		For >200 To 400, Deduct	*-6.05*	
		For >400, Deduct	*-8.39*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*16.83*	
		For Tinted Glass, Add	*10.23*	
		For Reflective Coated Glass, Add	*18.41*	
		For Low-E Coated Glass, Add	*10.23*	
08 81 23 23-0018	SF	1/2" Thick, Tempered, Clear Float Field Installed Glass	69.75	
		For >50 To 200, Deduct	*-3.58*	
		For >200 To 400, Deduct	*-6.67*	
		For >400, Deduct	*-9.25*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*18.61*	
		For Tinted Glass, Add	*11.24*	
		For Reflective Coated Glass, Add	*20.22*	
		For Low-E Coated Glass, Add	*11.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 23-0019	SF	5/8" Thick, Tempered, Clear Float Field Installed Glass	84.48	
		For >50 To 200, Deduct	*-4.38*	
		For >200 To 400, Deduct	*-8.14*	
		For >400, Deduct	*-11.29*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*23.03*	
		For Tinted Glass, Add	*13.44*	
		For Reflective Coated Glass, Add	*24.20*	
		For Low-E Coated Glass, Add	*13.44*	
08 81 23 23-0020	SF	3/4" Thick, Tempered, Clear Float Field Installed Glass	103.05	
		For >50 To 200, Deduct	*-5.29*	
		For >200 To 400, Deduct	*-9.85*	
		For >400, Deduct	*-13.67*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*27.47*	
		For Tinted Glass, Add	*16.61*	
		For Reflective Coated Glass, Add	*29.89*	
		For Low-E Coated Glass, Add	*16.61*	
08 81 23 23-0021		Patterned Field Installed Glass *(08 81 23 23)*		
08 81 23 23-0022		Rough Obscure Field Installed Glass *(08 81 23 23-0021)* Note: Class II, Form 3, Finish F1.		
08 81 23 23-0023	SF	1/4" Thick, Rough Obscure Field Installed Glass	88.80	
		For Glass Removal And Preparing Opening For New Glazing, Add	*13.29*	
08 81 23 23-0024		Patterned, Figured Field Installed Glass *(08 81 23 23-0021)* Note: Kind HS, Type II, Class I, Form 3, Quality Q8, Finish F2, Pattern P4.		
08 81 23 23-0025	SF	1/8" Thick, Patterned, Figured Field Installed Glass	58.54	
		For Glass Removal And Preparing Opening For New Glazing, Add	*11.52*	
08 81 23 23-0026	SF	7/32" Thick, Patterned, Figured Field Installed Glass	60.31	
		For Glass Removal And Preparing Opening For New Glazing, Add	*12.85*	
08 81 23 23-0027		Wired Field Installed Glass *(08 81 23 23)*		
08 81 23 23-0028		Square Or Diamond Pattern, Wired Field Installed Glass *(08 81 23 23-0027)* Note: Class I, Form 2, Mesh M1 Or M2, Pattern P2.		
08 81 23 23-0029	SF	1/4" Thick, Square Pattern, Wired Field Installed Glass	129.48	
		For Glass Removal And Preparing Opening For New Glazing, Add	*13.29*	
08 81 23 23-0030	SF	1/4" Thick, Diamond Pattern, Wired Field Installed Glass	129.48	
		For Glass Removal And Preparing Opening For New Glazing, Add	*13.29*	
08 81 23 23-0031		Polished, Wired Field Installed Glass *(08 81 23 23-0027)*		
08 81 23 23-0032	SF	1/4" Thick, Polished, Wired Field Installed Glass	139.89	
		For Glass Removal And Preparing Opening For New Glazing, Add	*13.29*	
08 81 23 23-0033		Frosted Field Installed Glass *(08 81 23 23)*		
08 81 23 23-0034		Frosted Field Installed Glass *(08 81 23 23-0033)*		
08 81 23 23-0035	SF	1/8" Thick, Frosted Field Installed Glass	71.86	
		For >50 To 200, Deduct	*-3.08*	
		For >200 To 400, Deduct	*-5.85*	
		For >400, Deduct	*-8.31*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*11.52*	
08 81 23 23-0036	SF	3/16" Thick, Frosted Field Installed Glass	90.68	
		For >50 To 200, Deduct	*-3.71*	
		For >200 To 400, Deduct	*-7.09*	
		For >400, Deduct	*-10.15*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*12.41*	
08 81 23 23-0037	SF	1/4" Thick, Frosted Field Installed Glass	111.43	
		For >50 To 200, Deduct	*-4.41*	
		For >200 To 400, Deduct	*-8.46*	
		For >400, Deduct	*-12.16*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*13.29*	
08 81 23 23-0038	SF	3/8" Thick, Frosted Field Installed Glass	162.52	
		For >50 To 200, Deduct	*-6.22*	
		For >200 To 400, Deduct	*-12.00*	
		For >400, Deduct	*-17.32*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*16.83*	
08 81 23 23-0039		Fire Rated Field Installed Glass *(08 81 23 23)*		
08 81 23 23-0040		Fire Rated Field Installed Glass *(08 81 23 23-0039)*		
08 81 23 23-0041	SF	20 Minute, Fire Rated Field Installed Glass	71.38	
		For Glass Removal And Preparing Opening For New Glazing, Add	*14.18*	
08 81 23 23-0042	SF	45 Minute, Fire Rated Field Installed Glass	124.55	
		For Glass Removal And Preparing Opening For New Glazing, Add	*14.18*	
08 81 23 23-0043	SF	60 Minute, Fire Rated Field Installed Glass	182.82	
		For Glass Removal And Preparing Opening For New Glazing, Add	*14.18*	
08 81 23 23-0044	SF	90 Minute, Fire Rated Field Installed Glass	236.24	
		For Glass Removal And Preparing Opening For New Glazing, Add	*14.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 23-0045		**Laminated Field Installed Glass** *(08 81 23 23)*		
08 81 23 23-0046		**Laminated Glass With PVB Interlayer, Field Installed Glass** *(08 81 23 23-0045)* Note: Type I, Class I, Quality Q3.		
08 81 23 23-0047	SF	1/4" Thick, Laminated Glass With PVB Interlayer, Field Installed Glass	53.16	
		For >50 To 200, Deduct	*-2.66*	
		For >200 To 400, Deduct	*-4.96*	
		For >400, Deduct	*-6.91*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*13.29*	
		For Tinted Glass, Add	*7.09*	
		For Reflective Coated Glass, Add	*10.63*	
		For Low-E Coated Glass, Add	*8.86*	
		For One Piece Heat Strengthened Glass, Add	*7.09*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*7.09*	
		Note: Double UOM if applied for both interior and exterior glazing		
08 81 23 23-0048	SF	3/8" Thick, Laminated Glass With PVB Interlayer, Field Installed Glass	66.68	
		For >50 To 200, Deduct	*-3.35*	
		For >200 To 400, Deduct	*-6.24*	
		For >400, Deduct	*-8.69*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*16.83*	
		For Tinted Glass, Add	*8.85*	
		For Reflective Coated Glass, Add	*13.27*	
		For Low-E Coated Glass, Add	*11.06*	
		For One Piece Heat Strengthened Glass, Add	*8.85*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*8.85*	
		Note: Double UOM if applied for both interior and exterior glazing		
08 81 23 23-0049	SF	1/2" Thick, Laminated Glass With PVB Interlayer, Field Installed Glass	75.92	
		For >50 To 200, Deduct	*-3.77*	
		For >200 To 400, Deduct	*-7.04*	
		For >400, Deduct	*-9.81*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*18.61*	
		For Tinted Glass, Add	*10.22*	
		For Reflective Coated Glass, Add	*15.33*	
		For Low-E Coated Glass, Add	*12.78*	
		For One Piece Heat Strengthened Glass, Add	*10.22*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*10.22*	
		Note: Double UOM if applied for both interior and exterior glazing		
08 81 23 23-0050		**Insulated Field Installed Glass** *(08 81 23 23)*		
08 81 23 23-0051		**Insulated Glass, Field Installed Glass** *(08 81 23 23-0050)* Note: Type I, Class I, Quality Q3.		
08 81 23 23-0052		**3/16" Air Space, Insulated, Field Installed Glass** *(08 81 23 23-0051)* Note: Type I, Class I, Quality Q3.		
08 81 23 23-0053	SF	3/8" Thick, Insulated Field Installed Glass Note: Two 3/32" lites with 3/16" air space.	41.65	
		For >50 To 200, Deduct	*-2.44*	
		For >200 To 400, Deduct	*-4.48*	
		For >400, Deduct	*-6.13*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*14.89*	
		For Tinted Glass, Add	*3.27*	
		For Reflective Coated Glass, Add	*6.54*	
		For Low-E Coated Glass, Add	*5.45*	
		For One Piece Heat Strengthened Glass, Add	*4.36*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*4.36*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Obscure Glass, Add	*9.27*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For Argon Gas, Add	*3.00*	
08 81 23 23-0054	SF	1/2" Thick, Insulated Field Installed Glass Note: One 3/16" lite and one 1/8" lite with 3/16" air space.	44.50	
		For >50 To 200, Deduct	*-2.58*	
		For >200 To 400, Deduct	*-4.74*	
		For >400, Deduct	*-6.49*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*15.51*	
		For Tinted Glass, Add	*3.57*	
		For Reflective Coated Glass, Add	*7.15*	
		For Low-E Coated Glass, Add	*5.96*	
		For One Piece Heat Strengthened Glass, Add	*4.76*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*4.76*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Obscure Glass, Add	*10.12*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For Argon Gas, Add	*3.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 23-0055	SF	9/16" Thick, Insulated Field Installed Glass Note: Two 3/16" lites with 3/16" air space.	44.89	
		For >50 To 200, Deduct	*-2.61*	
		For >200 To 400, Deduct	*-4.80*	
		For >400, Deduct	*-6.56*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*15.77*	
		For Tinted Glass, Add	*3.58*	
		For Reflective Coated Glass, Add	*7.16*	
		For Low-E Coated Glass, Add	*5.97*	
		For One Piece Heat Strengthened Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*4.77*	
		For One Piece Fully Tempered Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*4.77*	
		For One Piece Obscure Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*10.14*	
		For Argon Gas, Add	*3.28*	
08 81 23 23-0056		1/4" Air Space, Insulated, Field Installed Glass *(08 81 23 23-0051)* Note: Type I, Class I, Quality Q3.		
08 81 23 23-0057	SF	7/16" Thick, Insulated Field Installed Glass Note: Two 3/32" lites with 1/4" air space.	42.64	
		For >50 To 200, Deduct	*-2.49*	
		For >200 To 400, Deduct	*-4.58*	
		For >400, Deduct	*-6.26*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*15.15*	
		For Tinted Glass, Add	*3.37*	
		For Reflective Coated Glass, Add	*6.73*	
		For Low-E Coated Glass, Add	*5.61*	
		For One Piece Heat Strengthened Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*4.49*	
		For One Piece Fully Tempered Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*4.49*	
		For One Piece Obscure Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*9.54*	
		For Argon Gas, Add	*3.09*	
08 81 23 23-0058	SF	1/2" Thick, Insulated Field Installed Glass Note: Two 1/8" lites with 1/4" air space.	44.50	
		For >50 To 200, Deduct	*-2.58*	
		For >200 To 400, Deduct	*-4.74*	
		For >400, Deduct	*-6.49*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*15.51*	
		For Tinted Glass, Add	*3.57*	
		For Reflective Coated Glass, Add	*7.15*	
		For Low-E Coated Glass, Add	*5.96*	
		For One Piece Heat Strengthened Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*4.76*	
		For One Piece Fully Tempered Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*4.76*	
		For One Piece Obscure Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*10.12*	
		For Argon Gas, Add	*3.28*	
08 81 23 23-0059	SF	5/8" Thick, Insulated Field Installed Glass Note: Two 3/16" lites with 1/4" air space.	46.15	
		For >50 To 200, Deduct	*-2.71*	
		For >200 To 400, Deduct	*-4.98*	
		For >400, Deduct	*-6.80*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*16.55*	
		For Tinted Glass, Add	*3.61*	
		For Reflective Coated Glass, Add	*7.23*	
		For Low-E Coated Glass, Add	*6.02*	
		For One Piece Heat Strengthened Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*4.82*	
		For One Piece Fully Tempered Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*4.82*	
		For One Piece Obscure Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*10.24*	
		For Argon Gas, Add	*3.31*	
08 81 23 23-0060	SF	5/8" Thick, Insulated Field Installed Glass Note: One 1/4" lite and one 1/8" lite with 1/4" air space.	46.15	
		For >50 To 200, Deduct	*-2.71*	
		For >200 To 400, Deduct	*-4.98*	
		For >400, Deduct	*-6.80*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*16.55*	
		For Tinted Glass, Add	*3.61*	
		For Reflective Coated Glass, Add	*7.23*	
		For Low-E Coated Glass, Add	*6.02*	
		For One Piece Heat Strengthened Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*4.82*	
		For One Piece Fully Tempered Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*4.82*	
		For One Piece Obscure Glass, Add *Note: Double UOM if applied for both interior and exterior glazing*	*10.24*	
		For Argon Gas, Add	*3.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 23-0061	SF	3/4" Thick, Insulated Field Installed Glass	51.61	
		Note: Two 1/4" lites with 1/4" air space.		
		For >50 To 200, Deduct	*-2.99*	
		For >200 To 400, Deduct	*-5.50*	
		For >400, Deduct	*-7.53*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*18.05*	
		For Tinted Glass, Add	*4.13*	
		For Reflective Coated Glass, Add	*8.26*	
		For Low-E Coated Glass, Add	*6.89*	
		For One Piece Heat Strengthened Glass, Add	*5.51*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*5.51*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Obscure Glass, Add	*11.70*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For Argon Gas, Add	*3.79*	
08 81 23 23-0062		3/8" Air Space, Insulated, Field Installed Glass *(08 81 23 23-0051)*		
		Note: Type I, Class I, Quality Q3.		
08 81 23 23-0063	SF	5/8" Thick, Insulated Field Installed Glass	46.15	
		Note: Two 1/8" lites with 3/8" air space.		
		For >50 To 200, Deduct	*-2.71*	
		For >200 To 400, Deduct	*-4.98*	
		For >400, Deduct	*-6.80*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*16.55*	
		For Tinted Glass, Add	*3.61*	
		For Reflective Coated Glass, Add	*7.23*	
		For Low-E Coated Glass, Add	*6.02*	
		For One Piece Heat Strengthened Glass, Add	*4.82*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*4.82*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Obscure Glass, Add	*10.24*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For Argon Gas, Add	*3.31*	
08 81 23 23-0064	SF	3/4" Thick, Insulated Field Installed Glass	49.31	
		Note: Two 3/16" lites with 3/8" air space.		
		For >50 To 200, Deduct	*-2.92*	
		For >200 To 400, Deduct	*-5.37*	
		For >400, Deduct	*-7.33*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*18.05*	
		For Tinted Glass, Add	*3.79*	
		For Reflective Coated Glass, Add	*7.57*	
		For Low-E Coated Glass, Add	*6.31*	
		For One Piece Heat Strengthened Glass, Add	*5.05*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*5.05*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Obscure Glass, Add	*10.73*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For Argon Gas, Add	*3.47*	
08 81 23 23-0065	SF	7/8" Thick, Insulated Field Installed Glass	52.57	
		Note: Two 1/4" lites with 3/8" air space.		
		For >50 To 200, Deduct	*-3.05*	
		For >200 To 400, Deduct	*-5.61*	
		For >400, Deduct	*-7.68*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*18.44*	
		For Tinted Glass, Add	*4.20*	
		For Reflective Coated Glass, Add	*8.40*	
		For Low-E Coated Glass, Add	*7.00*	
		For One Piece Heat Strengthened Glass, Add	*5.60*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*5.60*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Obscure Glass, Add	*11.90*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For Argon Gas, Add	*3.85*	
08 81 23 23-0066	SF	1" Thick, Insulated Field Installed Glass	56.43	
		Note: Two 5/16" lites with 3/8" air space.		
		For >50 To 200, Deduct	*-3.18*	
		For >200 To 400, Deduct	*-5.87*	
		For >400, Deduct	*-8.06*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*18.61*	
		For Tinted Glass, Add	*4.74*	
		For Reflective Coated Glass, Add	*9.49*	
		For Low-E Coated Glass, Add	*7.91*	
		For One Piece Heat Strengthened Glass, Add	*6.32*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*6.32*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Obscure Glass, Add	*13.44*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For Argon Gas, Add	*4.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 23-0067		1/2" Air Space, Insulated, Field Installed Glass *(08 81 23 23-0051)*		
		Note: Type I, Class I, Quality Q3.		
08 81 23 23-0068	SF	3/4" Thick, Insulated Field Installed Glass	49.31	
		Note: Two 1/8" lites with 1/2" air space.		
		For >50 To 200, Deduct	*-2.92*	
		For >200 To 400, Deduct	*-5.37*	
		For >400, Deduct	*-7.33*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*18.05*	
		For Tinted Glass, Add	*3.79*	
		For Reflective Coated Glass, Add	*7.57*	
		For Low-E Coated Glass, Add	*6.31*	
		For One Piece Heat Strengthened Glass, Add	*5.05*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*5.05*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Obscure Glass, Add	*10.73*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For Argon Gas, Add	*3.47*	
08 81 23 23-0069	SF	7/8" Thick, Insulated Field Installed Glass	52.57	
		Note: Two 3/16" lites with 1/2" air space.		
		For >50 To 200, Deduct	*-3.05*	
		For >200 To 400, Deduct	*-5.61*	
		For >400, Deduct	*-7.68*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*18.44*	
		For Tinted Glass, Add	*4.20*	
		For Reflective Coated Glass, Add	*8.40*	
		For Low-E Coated Glass, Add	*7.00*	
		For One Piece Heat Strengthened Glass, Add	*5.60*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*5.60*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Obscure Glass, Add	*11.90*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For Argon Gas, Add	*3.85*	
08 81 23 23-0070	SF	7/8" Thick, Insulated Field Installed Glass	52.57	
		Note: One 1/4" lite and one 1/8" lite with 1/2" air space.		
		For >50 To 200, Deduct	*-3.05*	
		For >200 To 400, Deduct	*-5.61*	
		For >400, Deduct	*-7.68*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*18.44*	
		For Tinted Glass, Add	*4.20*	
		For Reflective Coated Glass, Add	*8.40*	
		For Low-E Coated Glass, Add	*7.00*	
		For One Piece Heat Strengthened Glass, Add	*5.60*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*5.60*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Obscure Glass, Add	*11.90*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For Argon Gas, Add	*3.85*	
08 81 23 23-0071	SF	1" Thick, Insulated Field Installed Glass	55.42	
		Note: Two 1/4" lites with 1/2" air space.		
		For >50 To 200, Deduct	*-3.15*	
		For >200 To 400, Deduct	*-5.81*	
		For >400, Deduct	*-7.97*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*18.61*	
		For Tinted Glass, Add	*4.59*	
		For Reflective Coated Glass, Add	*9.18*	
		For Low-E Coated Glass, Add	*7.65*	
		For One Piece Heat Strengthened Glass, Add	*6.12*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Fully Tempered Glass, Add	*6.12*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For One Piece Obscure Glass, Add	*13.01*	
		Note: Double UOM if applied for both interior and exterior glazing		
		For Argon Gas, Add	*4.21*	
08 81 23 23-0072		Spandrel Field Installed Glass *(08 81 23 23)*		
08 81 23 23-0073		Monolithic Float Glass Panels Ceramic Back, Coated, Field Installed Glass *(08 81 23 23-0072)*		
08 81 23 23-0074	SF	1/4" - 5/16" Spandrel Glass, Up To 1,000 SF, Field Installed Glass	43.29	
		For Glass Removal And Preparing Opening For New Glazing, Add	*14.77*	
08 81 23 23-0075	SF	1/4" - 5/16" Spandrel Glass, >1,000 SF, Field Installed Glass	38.22	
		For Glass Removal And Preparing Opening For New Glazing, Add	*14.77*	
08 81 23 23-0076		Insulating Float Glass Panels Ceramic Back, Coated, Tempered, Field Installed Glass *(08 81 23 23-0072)*		
08 81 23 23-0077		1/4" Glass With 1" Fiberglass Insulation, Field Installed Glass *(08 81 23 23-0076)*		
		Note: Also with aluminum foil vapor barrier.		
08 81 23 23-0078	SF	1/4" Spandrel Glass With 1" Fiberglass Insulation Up To 20,000 SF, Foil Vapor Barrier, Field Installed Glass	48.56	
		For Glass Removal And Preparing Opening For New Glazing, Add	*14.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 23-0079	SF	1/4" Spandrel Glass With 1" Fiberglass Insulation >20,000 SF, Foil Vapor Barrier, Field Installed Glass	42.82	
		For Glass Removal And Preparing Opening For New Glazing, Add	*14.77*	
08 81 23 23-0080		1/4" Glass With 3/4 To 7/8" Insulation, Field Installed Glass *(08 81 23 23-0076)*		
08 81 23 23-0081	SF	1/4" Spandrel Glass, 3/4" - 7/8" Insulation 24 Gauge Steel Interfacing, Field Installed Glass	58.53	
		For Glass Removal And Preparing Opening For New Glazing, Add	*14.77*	
08 81 23 23-0082	SF	1/4" Spandrel Glass, 3/4" - 7/8" Insulation 16 Gauge Steel Interfacing, Field Installed Glass	47.25	
		For Glass Removal And Preparing Opening For New Glazing, Add	*14.77*	

08 83 Mirrors *(08 80)*

Note: Kind FT, Type I, Class I, Quality Q1.

08 83 13 Mirrored Glass Glazing *(08 83)*

08 83 13 00-0001 Mirror Glass *(08 83 13)*

08 83 13 00-0002 One-Way Vision Glass (Transparent Mirrors) *(08 83 13 00-0001)*

08 83 13 00-0003	SF	1/4" One-Way Vision Glass (Transparent Mirrors)	96.18	8.86
		For >50 To 200, Deduct	*-2.36*	
		For >200 To 400, Deduct	*-3.93*	
		For >400, Deduct	*-6.29*	

08 83 13 00-0004 Tempered, One-Way Vision Glass (Transparent Mirrors) *(08 83 13 00-0001)*

08 83 13 00-0005	SF	1/4" Tempered, One-Way Vision Glass (Transparent Mirrors)	135.31	8.86
		For >50 To 200, Deduct	*-3.53*	
		For >200 To 400, Deduct	*-5.89*	
		For >400, Deduct	*-9.42*	

08 83 13 00-0006 Clear Mirror Glass *(08 83 13 00-0001)*

08 83 13 00-0007	SF	1/8" Clear Mirror Glass	31.65	7.09
		For >50 To 200, Deduct	*-0.52*	
		For >200 To 400, Deduct	*-0.87*	
		For >400, Deduct	*-1.40*	
08 83 13 00-0008	SF	3/16" Clear Mirror Glass	37.46	8.27
		For >50 To 200, Deduct	*-0.64*	
		For >200 To 400, Deduct	*-1.06*	
		For >400, Deduct	*-1.69*	
08 83 13 00-0009	SF	1/4" Clear Mirror Glass	41.11	8.86
		For >50 To 200, Deduct	*-0.71*	
		For >200 To 400, Deduct	*-1.18*	
		For >400, Deduct	*-1.89*	

08 83 13 00-0010 Tempered, Clear Mirror Glass *(08 83 13 00-0001)*

08 83 13 00-0011	SF	1/8" Tempered, Clear Mirror Glass	52.64	7.09
		For >50 To 200, Deduct	*-1.15*	
		For >200 To 400, Deduct	*-1.92*	
		For >400, Deduct	*-3.08*	
08 83 13 00-0012	SF	3/16" Tempered, Clear Mirror Glass	59.74	8.27
		For >50 To 200, Deduct	*-1.30*	
		For >200 To 400, Deduct	*-2.17*	
		For >400, Deduct	*-3.48*	
08 83 13 00-0013	SF	1/4" Tempered, Clear Mirror Glass	65.94	8.86
		For >50 To 200, Deduct	*-1.45*	
		For >200 To 400, Deduct	*-2.42*	
		For >400, Deduct	*-3.87*	

08 83 13 00-0014 Clear Mirror Glass With Laminated Safety Backing *(08 83 13 00-0001)*

08 83 13 00-0015	SF	1/4" Clear Mirror Glass With Laminated Safety Backing	42.62	8.86
		For >50 To 200, Deduct	*-0.75*	
		For >200 To 400, Deduct	*-1.26*	
		For >400, Deduct	*-2.01*	

08 83 13 00-0016 Laminated Safety Mirror Glass *(08 83 13 00-0001)*

Note: Clear glass laminated to face of mirror with PVB interlayer.

08 83 13 00-0017	SF	1/4" Laminated Safety Mirror Glass	81.75	8.86
		For >50 To 200, Deduct	*-1.93*	
		For >200 To 400, Deduct	*-3.21*	
		For >400, Deduct	*-5.14*	

08 83 13 00-0018 Accessories For Mirror Glass *(08 83 13)*

08 83 13 00-0019	LF	1/8" Aluminum J-Channel For Mounting Mirror Glass	5.57
08 83 13 00-0020	LF	3/16" Aluminum J-Channel For Mounting Mirror Glass	5.67
08 83 13 00-0021	LF	1/4" Aluminum J-Channel For Mounting Mirror Glass	7.05
08 83 13 00-0022	LF	Aluminum Frame For Mounting Mirror Glass	8.98

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

08 84 Plastic Glazing *(08 80)*

Note: Demolition (use glass removal modifiers) for all glazing includes removal of glazing (broken or whole), sealant compound and/or astragal, taking down and resetting mullion where necessary.

08 84 00 00-0001 Clear Polycarbonate Glazing (GE Lexan) *(08 84)*

08 84 00 00-0002	SF	1/8" Thick, Clear Polycarbonate Glazing (GE Lexan)	20.75	
		For >50 To 200, Deduct	*-0.48*	
		For >200 To 400, Deduct	*-0.96*	
		For >400, Deduct	*-1.44*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*11.15*	
08 84 00 00-0003	SF	3/16" Thick, Clear Polycarbonate Glazing (GE Lexan)	21.85	
		For >50 To 200, Deduct	*-0.51*	
		For >200 To 400, Deduct	*-1.03*	
		For >400, Deduct	*-1.54*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*11.58*	
08 84 00 00-0004	SF	1/4" Thick, Clear Polycarbonate Glazing (GE Lexan)	25.97	
		For >50 To 200, Deduct	*-0.70*	
		For >200 To 400, Deduct	*-1.39*	
		For >400, Deduct	*-2.09*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*12.04*	
08 84 00 00-0005	SF	3/8" Thick, Clear Polycarbonate Glazing (GE Lexan)	37.40	
		For >50 To 200, Deduct	*-1.25*	
		For >200 To 400, Deduct	*-2.50*	
		For >400, Deduct	*-3.75*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*12.39*	
08 84 00 00-0006	SF	1/2" Thick, Clear Polycarbonate Glazing (GE Lexan)	47.28	
		For >50 To 200, Deduct	*-1.70*	
		For >200 To 400, Deduct	*-3.40*	
		For >400, Deduct	*-5.10*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*13.29*	

08 84 00 00-0007 Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10) *(08 84)*

08 84 00 00-0008	SF	1/8" Thick, Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10)	30.88	
		For >50 To 200, Deduct	*-0.99*	
		For >200 To 400, Deduct	*-1.97*	
		For >400, Deduct	*-2.96*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*11.15*	
08 84 00 00-0009	SF	3/16" Thick, Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10)	35.85	
		For >50 To 200, Deduct	*-1.21*	
		For >200 To 400, Deduct	*-2.43*	
		For >400, Deduct	*-3.64*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*11.58*	
08 84 00 00-0010	SF	1/4" Thick, Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10)	37.87	
		For >50 To 200, Deduct	*-1.29*	
		For >200 To 400, Deduct	*-2.58*	
		For >400, Deduct	*-3.87*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*12.04*	
08 84 00 00-0011	SF	3/8" Thick, Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10)	62.29	
		For >50 To 200, Deduct	*-2.50*	
		For >200 To 400, Deduct	*-4.99*	
		For >400, Deduct	*-7.49*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*12.39*	
08 84 00 00-0012	SF	1/2" Thick, Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10)	66.17	
		For >50 To 200, Deduct	*-2.64*	
		For >200 To 400, Deduct	*-5.29*	
		For >400, Deduct	*-7.93*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*13.29*	

08 84 00 00-0013 Clear Acrylic Glazing (Plexiglas) *(08 84)*

08 84 00 00-0014	SF	1/10" Thick, Clear Acrylic Glazing (Plexiglas)	14.52	
		For >50 To 200, Deduct	*-0.19*	
		For >200 To 400, Deduct	*-0.39*	
		For >400, Deduct	*-0.58*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*10.64*	
		For Colored, Add	*0.78*	
		For Shatterproof, Add	*2.33*	
		For Mirrored, Add	*3.10*	
08 84 00 00-0015	SF	1/8" Thick, Clear Acrylic Glazing (Plexiglas)	15.08	
		For >50 To 200, Deduct	*-0.20*	
		For >200 To 400, Deduct	*-0.39*	
		For >400, Deduct	*-0.59*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*11.15*	
		For Colored, Add	*0.79*	
		For Shatterproof, Add	*2.36*	
		For Mirrored, Add	*3.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 84 00 00-0016	SF	3/16" Thick, Clear Acrylic Glazing (Plexiglas)	17.71	
		For >50 To 200, Deduct	*-0.31*	
		For >200 To 400, Deduct	*-0.61*	
		For >400, Deduct	*-0.92*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*11.58*	
		For Colored, Add	*1.23*	
		For Shatterproof, Add	*3.68*	
		For Mirrored, Add	*4.90*	
08 84 00 00-0017	SF	1/4" Thick, Clear Acrylic Glazing (Plexiglas)	20.12	
		For >50 To 200, Deduct	*-0.40*	
		For >200 To 400, Deduct	*-0.81*	
		For >400, Deduct	*-1.21*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*12.04*	
		For Colored, Add	*1.62*	
		For Shatterproof, Add	*4.85*	
		For Mirrored, Add	*6.46*	
08 84 00 00-0018	SF	5/16" Thick, Clear Acrylic Glazing (Plexiglas)	20.57	
		For >50 To 200, Deduct	*-0.42*	
		For >200 To 400, Deduct	*-0.85*	
		For >400, Deduct	*-1.27*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*12.11*	
		For Colored, Add	*1.69*	
		For Shatterproof, Add	*5.08*	
		For Mirrored, Add	*6.77*	
08 84 00 00-0019	SF	3/8" Thick, Clear Acrylic Glazing (Plexiglas)	21.24	
		For >50 To 200, Deduct	*-0.44*	
		For >200 To 400, Deduct	*-0.89*	
		For >400, Deduct	*-1.33*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*12.39*	
		For Colored, Add	*1.77*	
		For Shatterproof, Add	*5.31*	
		For Mirrored, Add	*7.08*	
08 84 00 00-0020	SF	1/2" Thick, Clear Acrylic Glazing (Plexiglas)	24.99	
		For >50 To 200, Deduct	*-0.59*	
		For >200 To 400, Deduct	*-1.17*	
		For >400, Deduct	*-1.76*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*13.29*	
		For Colored, Add	*2.34*	
		For Shatterproof, Add	*7.02*	
		For Mirrored, Add	*9.36*	
08 84 00 00-0021	SF	3/4" Thick, Clear Acrylic Glazing (Plexiglas)	35.05	
		For >50 To 200, Deduct	*-0.91*	
		For >200 To 400, Deduct	*-1.82*	
		For >400, Deduct	*-2.73*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*16.82*	
08 84 00 00-0022	SF	1" Thick, Clear Acrylic Glazing (Plexiglas)	46.30	
		For >50 To 200, Deduct	*-1.40*	
		For >200 To 400, Deduct	*-2.80*	
		For >400, Deduct	*-4.20*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*18.27*	

08 85 Glazing Accessories *(08 80)*

Note: Applicable to reglazing tasks only, new window installation includes the gasket.

08 85 00 00-0001 Framing For Glass Windscreens *(08 85)*

Note: Excludes glazing.

08 85 00 00-0002	LF	1-1/4" x 1-1/2" Aluminum Framed Window Walls	32.76	2.36
		For Bronze Anodized Aluminum, Add	*3.94*	
		For Stainless Steel, Add	*16.09*	
		For Black Anodized Finish, Add	*7.09*	
08 85 00 00-0003	LF	1-1/2" x 2" Aluminum Framed Window Walls	40.47	2.95
		For Bronze Anodized Aluminum, Add	*5.01*	
		For Stainless Steel, Add	*20.39*	
		For Black Anodized Finish, Add	*9.02*	
08 85 00 00-0004	LF	1-1/2" x 3" Aluminum Framed Window Walls	48.17	2.36
		For Bronze Anodized Aluminum, Add	*5.99*	
		For Stainless Steel, Add	*24.35*	
		For Black Anodized Finish, Add	*10.77*	
08 85 00 00-0005	LF	1-1/2" x 4" Aluminum Framed Window Walls	58.31	3.54
		For Bronze Anodized Aluminum, Add	*7.15*	
		For Stainless Steel, Add	*29.15*	
		For Black Anodized Finish, Add	*12.88*	
08 85 00 00-0006	LF	2" x 3" Aluminum Framed Window Walls	59.55	2.95
		For Bronze Anodized Aluminum, Add	*7.61*	
		For Stainless Steel, Add	*30.86*	
		For Black Anodized Finish, Add	*13.69*	
08 85 00 00-0007	LF	2" x 4" Aluminum Framed Window Walls	72.36	3.54
		For Bronze Anodized Aluminum, Add	*9.08*	
		For Stainless Steel, Add	*36.93*	
		For Black Anodized Finish, Add	*16.35*	

08 87 Glazing Surface Films *(08 80)*

08 87 13 Solar Control Films *(08 87)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

Note: Applied directly to one side of glazing with adhesive.

08 87 13 00-0001 Window Tinting And Film *(08 87 13)*
Note: Applied directly to one side of glazing with adhesive. Includes cleaning of window glazing prior to installation.

08 87 13 00-0002	SF	20% VLT, Bronze Window Tinting Film	11.34
08 87 13 00-0003	SF	50% VLT, Bronze Window Tinting Film	11.34
08 87 13 00-0004	SF	Tinted, Abrasion Resistant, Solar Control Window Film (3M Scotchtint™)	17.68
08 87 13 00-0005	SF	Low E, Abrasion Resistant, Solar Control Window Film (3M Scotchtint™)	18.34

08 87 23 Safety and Security Films *(08 87)*

08 87 23 16 Security Films *(08 87 23)*

Note: Applied directly to one side of glazing with adhesive and secured at window frame with clear silicone adhesive.

08 87 23 16-0001 High Performance, Security And Safety Glazing Films *(08 87 23 16)*
Note: Includes cleaning of window glazing prior to installation.

08 87 23 16-0002 Clear, High Performance, Security And Safety Glazing Films *(08 87 23 16-0001)*

08 87 23 16-0003	SF	0.002" Clear, High Performance, Security And Safety Glazing Film (3M Scotchshield™ SCLARL150)	17.99
		For >1,000 To 5,000, Deduct	*-0.82*
		For >5,000, Deduct	*-1.18*
08 87 23 16-0004	SF	0.004" Clear, High Performance, Security And Safety Glazing Film (3M Scotchshield™ SCLARL400)	19.22
		For >1,000 To 5,000, Deduct	*-0.86*
		For >5,000, Deduct	*-1.31*
08 87 23 16-0005	SF	0.006" Clear, High Performance, Security And Safety Glazing Film (3M Scotchshield™ Ultra600)	20.92
		For >1,000 To 5,000, Deduct	*-0.92*
		For >5,000, Deduct	*-1.48*

08 87 23 16-0006 Tinted, High Performance Sun/Solar, Security And Safety Glazing Films *(08 87 23 16-0001)*

08 87 23 16-0007	SF	0.004" Silver, 20% Transmission, High Performance Sun/Solar, Security And Safety Glazing Film (3M Scotchshield™ S20SIAR400)	20.57
		For >1,000 To 5,000, Deduct	*-0.91*
		For >5,000, Deduct	*-1.44*
08 87 23 16-0008	SF	0.004" Neutral, 35% Transmission, High Performance Sun/Solar, Security And Safety Glazing Film (3M Scotchshield™ S35NEAR400)	20.57
		For >1,000 To 5,000, Deduct	*-0.91*
		For >5,000, Deduct	*-1.44*
08 87 23 16-0009	SF	0.004" Neutral, 50% Transmission, High Performance Sun/Solar, Security And Safety Glazing Film (3M Scotchshield™ S50NEAR400)	20.57
		For >1,000 To 5,000, Deduct	*-0.91*
		For >5,000, Deduct	*-1.44*

08 87 23 16-0010 Security And Safety Glazing Films *(08 87 23 16)*
Note: Includes cleaning of window glazing prior to installation.

08 87 23 16-0011	SF	0.007" Clear Security And Safety Glazing Film (3M Scotchshield™ SH7CLARL)	16.63
		For >1,000 To 5,000, Deduct	*-0.77*
		For >5,000, Deduct	*-1.05*
08 87 23 16-0012	SF	0.008" Clear Security And Safety Glazing Film (3M Scotchshield™ SH8CLARL)	16.96
		For >1,000 To 5,000, Deduct	*-0.78*
		For >5,000, Deduct	*-1.08*
08 87 23 16-0013	SF	0.014" Clear Security And Safety Glazing Film (3M Scotchshield™ SH14CLARL)	20.04
		For >1,000 To 5,000, Deduct	*-0.89*
		For >5,000, Deduct	*-1.39*

08 87 23 16-0014 Anti-Graffiti Glazing Films *(08 87 23 16)*
Note: Includes cleaning of window glazing prior to installation.

08 87 23 16-0015	SF	0.004" Clear Anti-Graffiti Glazing Film (3M Scotchgard™ AG-4)	16.63
		For >1,000 To 5,000, Deduct	*-0.77*
		For >5,000, Deduct	*-1.05*
08 87 23 16-0016	SF	0.007" Clear Anti-Graffiti Glazing Film (3M Scotchgard™ AG-7)	16.96
		For >1,000 To 5,000, Deduct	*-0.78*
		For >5,000, Deduct	*-1.08*

08 88 Special Function Glazing *(08 80)*

08 88 53 Security Glazing *(08 88)*

08 88 53 00-0001 Forced Entry And/or Ballistic Resistant All Glass Laminate *(08 88 53)*

08 88 53 00-0002 Ballistic Resistant Glass *(08 88 53 00-0001)*

08 88 53 00-0003	SF	1.28" All Glass Laminate Ballistic Resistant Glass, 16.2 Lb./SF, For A Single Piece, Up To 15 SF	149.55
		For Glass Removal And Preparing Opening For New Glazing, Add	*58.60*
08 88 53 00-0004	SF	1.28" All Glass Laminate Ballistic Resistant Glass, 16.2 Lb./SF, For A Single Piece, >15 SF	175.40
		For Glass Removal And Preparing Opening For New Glazing, Add	*58.60*
08 88 53 00-0005	SF	1.55" All Glass Laminate Ballistic Resistant Glass, 21.2 Lb./SF, For A Single Piece, Up To 15 SF	198.92
		For Glass Removal And Preparing Opening For New Glazing, Add	*66.16*
08 88 53 00-0006	SF	1.55" All Glass Laminate Ballistic Resistant Glass, 21.2 Lb./SF, For A Single Piece, >15 SF	220.52
		For Glass Removal And Preparing Opening For New Glazing, Add	*66.16*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 88 53 00-0007	SF	2.05" All Glass Laminate Ballistic Resistant Glass, 26.1 Lb./SF, For A Single Piece, Up To 15 SF	250.64	
		For Glass Removal And Preparing Opening For New Glazing, Add	*75.61*	
08 88 53 00-0008	SF	2.05" All Glass Laminate Ballistic Resistant Glass, 26.1 Lb./SF, For A Single Piece, >15 SF	268.00	
		For Glass Removal And Preparing Opening For New Glazing, Add	*75.61*	
08 88 53 00-0009		**Forced Entry Resistant Glass** *(08 88 53 00-0001)*		
08 88 53 00-0010	SF	5/16" Forced Entry Resistant Laminated Glass Sheet	55.06	
		For Glass Removal And Preparing Opening For New Glazing, Add	*14.77*	
08 88 53 00-0011	SF	1/2" Forced Entry Resistant Laminated Glass Sheet	62.48	
		For Glass Removal And Preparing Opening For New Glazing, Add	*15.75*	
08 88 53 00-0012	SF	11/16" Forced Entry Resistant Laminated Glass Sheet	71.24	
		For Glass Removal And Preparing Opening For New Glazing, Add	*16.88*	
08 88 53 00-0013	SF	7/8" Forced Entry Resistant Laminated Glass Sheet	86.15	
		For Glass Removal And Preparing Opening For New Glazing, Add	*18.18*	
08 88 53 00-0014		**Glass Clad Polycarbonate** *(08 88 53)*		
08 88 53 00-0015	SF	0.75" Ballistic Resistant Glass/Poly, 7.84 Lb./SF	218.48	
		For Glass Removal And Preparing Opening For New Glazing, Add	*71.83*	
08 88 53 00-0016	SF	0.8125" Ballistic Resistant Glass/Poly, 8.99 Lb./SF	244.36	
		For Glass Removal And Preparing Opening For New Glazing, Add	*83.18*	
08 88 53 00-0017	SF	0.9375" Ballistic Resistant Glass/Poly, 11.11 Lb./SF	312.01	
		For Glass Removal And Preparing Opening For New Glazing, Add	*94.51*	
08 88 53 00-0018		**Ballistic Resistant Acrylic** *(08 88 53)*		
08 88 53 00-0019	SF	1.25" Ballistic Resistant Acrylic Glass, 7.7 Lb./SF	231.85	
		For Glass Removal And Preparing Opening For New Glazing, Add	*71.83*	
08 88 53 00-0020	SF	1.378" Ballistic Resistant Acrylic Glass, 8.5 Lb./SF	271.10	
		For Glass Removal And Preparing Opening For New Glazing, Add	*83.18*	
08 88 53 00-0021	SF	1.25" Ballistic Resistant Acrylic Glass, 7.5 Lb./SF	352.12	
		For Glass Removal And Preparing Opening For New Glazing, Add	*94.51*	
08 88 53 00-0022		**Ballistic Resistant Fiberglass** *(08 88 53)*		
08 88 53 00-0023	SF	5/16" Ballistic Resistant Fiberglass, Level 1, 3.2 Lb./SF	92.36	
		For Glass Removal And Preparing Opening For New Glazing, Add	*35.92*	
08 88 53 00-0024	SF	3/8" Ballistic Resistant Fiberglass, Level 2, 3.5 Lb./SF	109.24	
		For Glass Removal And Preparing Opening For New Glazing, Add	*41.58*	
08 88 53 00-0025	SF	7/16" Ballistic Resistant Fiberglass, Level 3, 4.5 Lb./SF	123.92	
		For Glass Removal And Preparing Opening For New Glazing, Add	*47.26*	
08 88 53 00-0026		**Forced Entry And/or Ballistic Resistant Polycarbonate** *(08 88 53)*		
08 88 53 00-0027		**Forced Entry Resistant Monolithic Polycarbonate** *(08 88 53 00-0026)* Note: GE-Lexan MR10.		
08 88 53 00-0028	SF	1/2" Overall Nominal Thickness, H.P. White TP-0500.01 Note: Level 1 or ASTM F1233, Class II (Step 5).	127.08	
		For Glass Removal And Preparing Opening For New Glazing, Add	*57.28*	
08 88 53 00-0029		**Forced Entry Resistant Glass Clad Polycarbonate Laminate** *(08 88 53 00-0026)* Note: Chemically strengthened clear glass laminated to each side of a polycarbonate core. GE-Insulgard.		
08 88 53 00-0030	SF	9/16" Overall Nominal Thickness, H.P. White TP-0500.01	157.11	
		For Glass Removal And Preparing Opening For New Glazing, Add	*70.89*	
08 88 53 00-0031		**Forced Entry Resistant Polycarbonate Laminate** *(08 88 53 00-0026)* Note: GE-Lexgard MPC-500.		
08 88 53 00-0032	SF	1/2" Overall Nominal Thickness, H.P. White TP-0500.01 Note: Level II (Step 12) Or ASTM 1233 Class III (Step 15).	193.39	
		For Glass Removal And Preparing Opening For New Glazing, Add	*75.61*	
08 88 53 00-0033		**Fire Resistant, Forced Entry Resistant Polycarbonate Laminate** *(08 88 53 00-0026)* Note: Wire glass clad. Chemically strengthened wire glass laminated to each side of a polycarbonate core. GE-Firegard.		
08 88 53 00-0034	SF	7/8" Overall Nominal Thickness, H.P. White TP-0500.01 Note: UL-9 Fire Resistant.	212.01	
		For Glass Removal And Preparing Opening For New Glazing, Add	*80.34*	
08 88 53 00-0035		**Insulated, Forced Entry Resistant Polycarbonate Laminate** *(08 88 53 00-0026)* Note: Glass clad. Chemically strengthened wire glass laminated to each side of a polycarbonate core. GE-Insulgard.		
08 88 53 00-0036	SF	1-5/16" Overall Nominal Thickness, H.P. White TP-0500.01 Note: Level I (1/4" tempered float glass, 1/2" airspace).	181.60	
		For Glass Removal And Preparing Opening For New Glazing, Add	*70.89*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 88 53 00-0037		Ballistic And Forced Entry Resistant Polycarbonate Laminate *(08 88 53 00-0026)*		
08 88 53 00-0038	SF	1" Nominal Thickness, Ballistic Or Forced Entry Resistant Note: 1" is the overall nominal thickness. (GE-Lexgard MP-1000) forced entry resistance: H.P. White TP-0500.01, level V (step 42) or ASTM 1233 class V (Step 40) ballistic resistance: UL 752, level 2-high powered small arms (.357 Magnum handgun).	419.13	
		For Glass Removal And Preparing Opening For New Glazing, Add	*156.89*	
08 88 53 00-0039	SF	1-1/4" Nominal Thickness, Ballistic Or Forced Entry Resistant Note: 1 1/4" is the overall nominal thickness. (GE-Lexgard MP-1000) forced entry resistance: H.P. White TP-0500.01, level V (Step 42) or ASTM 1233 class V (step 40) ballistic resistance: UL 752, level 3-super high powered small arms (.44 Magnum handgun).	424.40	
		For Glass Removal And Preparing Opening For New Glazing, Add	*156.89*	
08 88 53 00-0040		Ballistic Resistant Glass Clad Polycarbonate Laminate *(08 88 53 00-0026)* Note: Chemically strengthened clear glass laminated to attack side of a polycarbonate core.		
08 88 53 00-0041	SF	1-5/16" Overall Nominal Thickness, Ballistic Resistant Note: UL 752, Level 4 - Super High Powered Rifle (.30-06 Rifle), (GE-Armor-Gard).	278.94	
		For Glass Removal And Preparing Opening For New Glazing, Add	*105.86*	

08 90 Louvers and Vents *(08)*

08 91 Louvers *(08 90)*

08 91 13 Motorized Wall Louvers *(08 91)*

08 91 13 00-0001		Motorized Wall Louver Actuator *(08 91 13)* See CSI section 08 91 16 00-0001 for adjustable intake wall louvers.		
08 91 13 00-0002	EA	115 Volt Actuator For Adjustable Intake Louver	2,093.79	111.18
08 91 13 00-0003	EA	230 Volt Actuator For Adjustable Intake Louver	3,231.25	111.18
08 91 13 00-0004	EA	24 Volt Actuator For Adjustable Intake Louver	2,255.92	111.18
08 91 13 00-0005	EA	115 Volt Hazardous Location Actuator For Adjustable Intake Louver	8,932.48	111.18

08 91 16 Operable Wall Louvers *(08 91)*

08 91 16 00-0001		Adjustable Intake Wall Louvers *(08 91 16)* See CSI section 08 91 16 00-0137 for adjustable intake wall louver operators.		
08 91 16 00-0002	EA	12" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	579.47	29.43
		For Flange Frame, Add	*52.06*	
		For Clear Lacquer Finish, Add	*104.12*	
		For Baked Enamel Standard Colors, Add	*156.18*	
		For Anodized Finish, Add	*208.24*	
		For Kynar® Standard Colors Finish, Add	*286.33*	
08 91 16 00-0003	EA	12" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	724.28	35.97
		For Flange Frame, Add	*65.23*	
		For Clear Lacquer Finish, Add	*130.47*	
		For Baked Enamel Standard Colors, Add	*195.70*	
		For Anodized Finish, Add	*260.93*	
		For Kynar® Standard Colors Finish, Add	*358.78*	
08 91 16 00-0004	EA	12" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	856.42	42.52
		For Flange Frame, Add	*77.14*	
		For Clear Lacquer Finish, Add	*154.28*	
		For Baked Enamel Standard Colors, Add	*231.42*	
		For Anodized Finish, Add	*308.56*	
		For Kynar® Standard Colors Finish, Add	*424.27*	
08 91 16 00-0005	EA	12" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,002.50	49.06
		For Flange Frame, Add	*90.44*	
		For Clear Lacquer Finish, Add	*180.88*	
		For Baked Enamel Standard Colors, Add	*271.32*	
		For Anodized Finish, Add	*361.76*	
		For Kynar® Standard Colors Finish, Add	*497.42*	
08 91 16 00-0006	EA	12" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,129.57	55.60
		For Flange Frame, Add	*101.84*	
		For Clear Lacquer Finish, Add	*203.68*	
		For Baked Enamel Standard Colors, Add	*305.52*	
		For Anodized Finish, Add	*407.36*	
		For Kynar® Standard Colors Finish, Add	*560.11*	
08 91 16 00-0007	EA	12" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,333.93	62.14
		For Flange Frame, Add	*120.97*	
		For Clear Lacquer Finish, Add	*241.93*	
		For Baked Enamel Standard Colors, Add	*362.90*	
		For Anodized Finish, Add	*483.86*	
		For Kynar® Standard Colors Finish, Add	*665.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0008	EA	12" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,520.54	68.68
		For Flange Frame, Add	*138.32*	
		For Clear Lacquer Finish, Add	*276.64*	
		For Baked Enamel Standard Colors, Add	*414.96*	
		For Anodized Finish, Add	*553.28*	
		For Kynar® Standard Colors Finish, Add	*760.75*	
08 91 16 00-0009	EA	12" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,688.36	78.49
		For Flange Frame, Add	*153.14*	
		For Clear Lacquer Finish, Add	*306.28*	
		For Baked Enamel Standard Colors, Add	*459.42*	
		For Anodized Finish, Add	*612.56*	
		For Kynar® Standard Colors Finish, Add	*842.26*	
08 91 16 00-0010	EA	12" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,801.51	85.02
		For Flange Frame, Add	*163.15*	
		For Clear Lacquer Finish, Add	*326.29*	
		For Baked Enamel Standard Colors, Add	*489.44*	
		For Anodized Finish, Add	*652.58*	
		For Kynar® Standard Colors Finish, Add	*897.30*	
08 91 16 00-0011	EA	12" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,943.79	91.56
		For Flange Frame, Add	*176.07*	
		For Clear Lacquer Finish, Add	*352.13*	
		For Baked Enamel Standard Colors, Add	*528.20*	
		For Anodized Finish, Add	*704.26*	
		For Kynar® Standard Colors Finish, Add	*968.36*	
08 91 16 00-0012	EA	12" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,068.34	98.10
		For Flange Frame, Add	*187.21*	
		For Clear Lacquer Finish, Add	*374.42*	
		For Baked Enamel Standard Colors, Add	*561.64*	
		For Anodized Finish, Add	*748.85*	
		For Kynar® Standard Colors Finish, Add	*1,029.67*	
08 91 16 00-0013	EA	12" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,228.36	104.64
		For Flange Frame, Add	*201.91*	
		For Clear Lacquer Finish, Add	*403.81*	
		For Baked Enamel Standard Colors, Add	*605.72*	
		For Anodized Finish, Add	*807.62*	
		For Kynar® Standard Colors Finish, Add	*1,110.48*	
08 91 16 00-0014	EA	12" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,382.04	111.18
		For Flange Frame, Add	*215.97*	
		For Clear Lacquer Finish, Add	*431.93*	
		For Baked Enamel Standard Colors, Add	*647.90*	
		For Anodized Finish, Add	*863.86*	
		For Kynar® Standard Colors Finish, Add	*1,187.81*	
08 91 16 00-0015	EA	12" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,572.65	121.00
		For Flange Frame, Add	*233.07*	
		For Clear Lacquer Finish, Add	*466.13*	
		For Baked Enamel Standard Colors, Add	*699.20*	
		For Anodized Finish, Add	*932.26*	
		For Kynar® Standard Colors Finish, Add	*1,281.86*	
08 91 16 00-0016	EA	12" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,712.60	130.81
		For Flange Frame, Add	*245.10*	
		For Clear Lacquer Finish, Add	*490.20*	
		For Baked Enamel Standard Colors, Add	*735.30*	
		For Anodized Finish, Add	*980.40*	
		For Kynar® Standard Colors Finish, Add	*1,348.04*	
08 91 16 00-0017	EA	18" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	649.55	35.97
		For Flange Frame, Add	*57.76*	
		For Clear Lacquer Finish, Add	*115.52*	
		For Baked Enamel Standard Colors, Add	*173.28*	
		For Anodized Finish, Add	*231.04*	
		For Kynar® Standard Colors Finish, Add	*317.68*	
08 91 16 00-0018	EA	18" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	819.89	45.79
		For Flange Frame, Add	*72.83*	
		For Clear Lacquer Finish, Add	*145.67*	
		For Baked Enamel Standard Colors, Add	*218.50*	
		For Anodized Finish, Add	*291.33*	
		For Kynar® Standard Colors Finish, Add	*400.58*	
08 91 16 00-0019	EA	18" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	962.17	52.33
		For Flange Frame, Add	*85.75*	
		For Clear Lacquer Finish, Add	*171.51*	
		For Baked Enamel Standard Colors, Add	*257.26*	
		For Anodized Finish, Add	*343.01*	
		For Kynar® Standard Colors Finish, Add	*471.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0020	EA	18" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,197.34	65.41
		For Flange Frame, Add	*106.65*	
		For Clear Lacquer Finish, Add	*213.31*	
		For Baked Enamel Standard Colors, Add	*319.96*	
		For Anodized Finish, Add	*426.61*	
		For Kynar® Standard Colors Finish, Add	*586.59*	
08 91 16 00-0021	EA	18" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,362.42	71.95
		For Flange Frame, Add	*121.85*	
		For Clear Lacquer Finish, Add	*243.71*	
		For Baked Enamel Standard Colors, Add	*365.56*	
		For Anodized Finish, Add	*487.41*	
		For Kynar® Standard Colors Finish, Add	*670.19*	
08 91 16 00-0022	EA	18" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,527.50	78.49
		For Flange Frame, Add	*137.05*	
		For Clear Lacquer Finish, Add	*274.11*	
		For Baked Enamel Standard Colors, Add	*411.16*	
		For Anodized Finish, Add	*548.21*	
		For Kynar® Standard Colors Finish, Add	*753.79*	
08 91 16 00-0023	EA	18" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,725.51	85.02
		For Flange Frame, Add	*155.55*	
		For Clear Lacquer Finish, Add	*311.09*	
		For Baked Enamel Standard Colors, Add	*466.64*	
		For Anodized Finish, Add	*622.18*	
		For Kynar® Standard Colors Finish, Add	*855.50*	
08 91 16 00-0024	EA	18" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,913.59	94.83
		For Flange Frame, Add	*172.39*	
		For Clear Lacquer Finish, Add	*344.78*	
		For Baked Enamel Standard Colors, Add	*517.18*	
		For Anodized Finish, Add	*689.57*	
		For Kynar® Standard Colors Finish, Add	*948.16*	
08 91 16 00-0025	EA	18" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,063.69	104.64
		For Flange Frame, Add	*185.44*	
		For Clear Lacquer Finish, Add	*370.88*	
		For Baked Enamel Standard Colors, Add	*556.32*	
		For Anodized Finish, Add	*741.76*	
		For Kynar® Standard Colors Finish, Add	*1,019.91*	
08 91 16 00-0026	EA	18" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,208.50	111.18
		For Flange Frame, Add	*198.61*	
		For Clear Lacquer Finish, Add	*397.22*	
		For Baked Enamel Standard Colors, Add	*595.84*	
		For Anodized Finish, Add	*794.45*	
		For Kynar® Standard Colors Finish, Add	*1,092.37*	
08 91 16 00-0027	EA	18" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,344.45	117.73
		For Flange Frame, Add	*210.90*	
		For Clear Lacquer Finish, Add	*421.80*	
		For Baked Enamel Standard Colors, Add	*632.70*	
		For Anodized Finish, Add	*843.60*	
		For Kynar® Standard Colors Finish, Add	*1,159.94*	
08 91 16 00-0028	EA	18" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,520.93	124.27
		For Flange Frame, Add	*227.24*	
		For Clear Lacquer Finish, Add	*454.48*	
		For Baked Enamel Standard Colors, Add	*681.72*	
		For Anodized Finish, Add	*908.96*	
		For Kynar® Standard Colors Finish, Add	*1,249.81*	
08 91 16 00-0029	EA	18" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,691.06	130.81
		For Flange Frame, Add	*242.95*	
		For Clear Lacquer Finish, Add	*485.89*	
		For Baked Enamel Standard Colors, Add	*728.84*	
		For Anodized Finish, Add	*971.78*	
		For Kynar® Standard Colors Finish, Add	*1,336.20*	
08 91 16 00-0030	EA	18" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,898.16	140.62
		For Flange Frame, Add	*261.69*	
		For Clear Lacquer Finish, Add	*523.38*	
		For Baked Enamel Standard Colors, Add	*785.08*	
		For Anodized Finish, Add	*1,046.77*	
		For Kynar® Standard Colors Finish, Add	*1,439.31*	
08 91 16 00-0031	EA	18" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,054.58	150.43
		For Flange Frame, Add	*275.37*	
		For Clear Lacquer Finish, Add	*550.74*	
		For Baked Enamel Standard Colors, Add	*826.12*	
		For Anodized Finish, Add	*1,101.49*	
		For Kynar® Standard Colors Finish, Add	*1,514.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0032	EA	24" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	725.95	42.52
		For Flange Frame, Add	*64.09*	
		For Clear Lacquer Finish, Add	*128.19*	
		For Baked Enamel Standard Colors, Add	*192.28*	
		For Anodized Finish, Add	*256.37*	
		For Kynar® Standard Colors Finish, Add	*352.51*	
08 91 16 00-0033	EA	24" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	921.64	52.33
		For Flange Frame, Add	*81.70*	
		For Clear Lacquer Finish, Add	*163.40*	
		For Baked Enamel Standard Colors, Add	*245.10*	
		For Anodized Finish, Add	*326.80*	
		For Kynar® Standard Colors Finish, Add	*449.35*	
08 91 16 00-0034	EA	24" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,142.66	62.14
		For Flange Frame, Add	*101.84*	
		For Clear Lacquer Finish, Add	*203.68*	
		For Baked Enamel Standard Colors, Add	*305.52*	
		For Anodized Finish, Add	*407.36*	
		For Kynar® Standard Colors Finish, Add	*560.11*	
08 91 16 00-0035	EA	24" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,347.42	75.22
		For Flange Frame, Add	*119.70*	
		For Clear Lacquer Finish, Add	*239.40*	
		For Baked Enamel Standard Colors, Add	*359.10*	
		For Anodized Finish, Add	*478.80*	
		For Kynar® Standard Colors Finish, Add	*658.34*	
08 91 16 00-0036	EA	24" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,528.97	81.76
		For Flange Frame, Add	*136.55*	
		For Clear Lacquer Finish, Add	*273.09*	
		For Baked Enamel Standard Colors, Add	*409.64*	
		For Anodized Finish, Add	*546.18*	
		For Kynar® Standard Colors Finish, Add	*751.00*	
08 91 16 00-0037	EA	24" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,720.65	88.29
		For Flange Frame, Add	*154.41*	
		For Clear Lacquer Finish, Add	*308.81*	
		For Baked Enamel Standard Colors, Add	*463.22*	
		For Anodized Finish, Add	*617.62*	
		For Kynar® Standard Colors Finish, Add	*849.23*	
08 91 16 00-0038	EA	24" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,956.88	98.10
		For Flange Frame, Add	*176.07*	
		For Clear Lacquer Finish, Add	*352.13*	
		For Baked Enamel Standard Colors, Add	*528.20*	
		For Anodized Finish, Add	*704.26*	
		For Kynar® Standard Colors Finish, Add	*968.36*	
08 91 16 00-0039	EA	24" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,155.30	111.18
		For Flange Frame, Add	*193.29*	
		For Clear Lacquer Finish, Add	*386.58*	
		For Baked Enamel Standard Colors, Add	*579.88*	
		For Anodized Finish, Add	*773.17*	
		For Kynar® Standard Colors Finish, Add	*1,063.11*	
08 91 16 00-0040	EA	24" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,310.25	117.73
		For Flange Frame, Add	*207.48*	
		For Clear Lacquer Finish, Add	*414.96*	
		For Baked Enamel Standard Colors, Add	*622.44*	
		For Anodized Finish, Add	*829.92*	
		For Kynar® Standard Colors Finish, Add	*1,141.13*	
08 91 16 00-0041	EA	24" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,478.27	130.81
		For Flange Frame, Add	*221.67*	
		For Clear Lacquer Finish, Add	*443.33*	
		For Baked Enamel Standard Colors, Add	*665.00*	
		For Anodized Finish, Add	*886.66*	
		For Kynar® Standard Colors Finish, Add	*1,219.16*	
08 91 16 00-0042	EA	24" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,635.75	137.35
		For Flange Frame, Add	*236.11*	
		For Clear Lacquer Finish, Add	*472.21*	
		For Baked Enamel Standard Colors, Add	*708.32*	
		For Anodized Finish, Add	*944.42*	
		For Kynar® Standard Colors Finish, Add	*1,298.58*	
08 91 16 00-0043	EA	24" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,850.23	143.89
		For Flange Frame, Add	*256.25*	
		For Clear Lacquer Finish, Add	*512.49*	
		For Baked Enamel Standard Colors, Add	*768.74*	
		For Anodized Finish, Add	*1,024.98*	
		For Kynar® Standard Colors Finish, Add	*1,409.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0044	EA	24" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,031.78	150.43
		For Flange Frame, Add	*273.09*	
		For Clear Lacquer Finish, Add	*546.18*	
		For Baked Enamel Standard Colors, Add	*819.28*	
		For Anodized Finish, Add	*1,092.37*	
		For Kynar® Standard Colors Finish, Add	*1,502.01*	
08 91 16 00-0045	EA	24" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,260.40	160.24
		For Flange Frame, Add	*293.99*	
		For Clear Lacquer Finish, Add	*587.98*	
		For Baked Enamel Standard Colors, Add	*881.98*	
		For Anodized Finish, Add	*1,175.97*	
		For Kynar® Standard Colors Finish, Add	*1,616.96*	
08 91 16 00-0046	EA	24" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,428.22	170.05
		For Flange Frame, Add	*308.81*	
		For Clear Lacquer Finish, Add	*617.62*	
		For Baked Enamel Standard Colors, Add	*926.44*	
		For Anodized Finish, Add	*1,235.25*	
		For Kynar® Standard Colors Finish, Add	*1,698.47*	
08 91 16 00-0047	EA	30" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	808.70	49.06
		For Flange Frame, Add	*71.06*	
		For Clear Lacquer Finish, Add	*142.12*	
		For Baked Enamel Standard Colors, Add	*213.18*	
		For Anodized Finish, Add	*284.24*	
		For Kynar® Standard Colors Finish, Add	*390.83*	
08 91 16 00-0048	EA	30" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,077.01	65.41
		For Flange Frame, Add	*94.62*	
		For Clear Lacquer Finish, Add	*189.24*	
		For Baked Enamel Standard Colors, Add	*283.86*	
		For Anodized Finish, Add	*378.48*	
		For Kynar® Standard Colors Finish, Add	*520.41*	
08 91 16 00-0049	EA	30" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,279.02	75.22
		For Flange Frame, Add	*112.86*	
		For Clear Lacquer Finish, Add	*225.72*	
		For Baked Enamel Standard Colors, Add	*338.58*	
		For Anodized Finish, Add	*451.44*	
		For Kynar® Standard Colors Finish, Add	*620.72*	
08 91 16 00-0050	EA	30" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,500.04	85.02
		For Flange Frame, Add	*133.00*	
		For Clear Lacquer Finish, Add	*266.00*	
		For Baked Enamel Standard Colors, Add	*399.00*	
		For Anodized Finish, Add	*532.00*	
		For Kynar® Standard Colors Finish, Add	*731.49*	
08 91 16 00-0051	EA	30" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,698.06	91.56
		For Flange Frame, Add	*151.49*	
		For Clear Lacquer Finish, Add	*302.99*	
		For Baked Enamel Standard Colors, Add	*454.48*	
		For Anodized Finish, Add	*605.97*	
		For Kynar® Standard Colors Finish, Add	*833.21*	
08 91 16 00-0052	EA	30" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,902.62	101.37
		For Flange Frame, Add	*169.99*	
		For Clear Lacquer Finish, Add	*339.97*	
		For Baked Enamel Standard Colors, Add	*509.96*	
		For Anodized Finish, Add	*679.94*	
		For Kynar® Standard Colors Finish, Add	*934.92*	
08 91 16 00-0053	EA	30" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,148.76	107.91
		For Flange Frame, Add	*193.29*	
		For Clear Lacquer Finish, Add	*386.58*	
		For Baked Enamel Standard Colors, Add	*579.88*	
		For Anodized Finish, Add	*773.17*	
		For Kynar® Standard Colors Finish, Add	*1,063.11*	
08 91 16 00-0054	EA	30" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,358.38	117.73
		For Flange Frame, Add	*212.29*	
		For Clear Lacquer Finish, Add	*424.58*	
		For Baked Enamel Standard Colors, Add	*636.88*	
		For Anodized Finish, Add	*849.17*	
		For Kynar® Standard Colors Finish, Add	*1,167.61*	
08 91 16 00-0055	EA	30" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,531.06	124.27
		For Flange Frame, Add	*228.25*	
		For Clear Lacquer Finish, Add	*456.50*	
		For Baked Enamel Standard Colors, Add	*684.76*	
		For Anodized Finish, Add	*913.01*	
		For Kynar® Standard Colors Finish, Add	*1,255.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0056	EA	30" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,719.35	137.35
		For Flange Frame, Add	*244.47*	
		For Clear Lacquer Finish, Add	*488.93*	
		For Baked Enamel Standard Colors, Add	*733.40*	
		For Anodized Finish, Add	*977.86*	
		For Kynar® Standard Colors Finish, Add	*1,344.56*	
08 91 16 00-0057	EA	30" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,899.84	147.16
		For Flange Frame, Add	*260.55*	
		For Clear Lacquer Finish, Add	*521.10*	
		For Baked Enamel Standard Colors, Add	*781.66*	
		For Anodized Finish, Add	*1,042.21*	
		For Kynar® Standard Colors Finish, Add	*1,433.04*	
08 91 16 00-0058	EA	30" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,128.25	153.70
		For Flange Frame, Add	*282.09*	
		For Clear Lacquer Finish, Add	*564.17*	
		For Baked Enamel Standard Colors, Add	*846.26*	
		For Anodized Finish, Add	*1,128.34*	
		For Kynar® Standard Colors Finish, Add	*1,551.47*	
08 91 16 00-0059	EA	30" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,326.26	160.24
		For Flange Frame, Add	*300.58*	
		For Clear Lacquer Finish, Add	*601.16*	
		For Baked Enamel Standard Colors, Add	*901.73*	
		For Anodized Finish, Add	*1,202.31*	
		For Kynar® Standard Colors Finish, Add	*1,653.18*	
08 91 16 00-0060	EA	30" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,566.28	170.05
		For Flange Frame, Add	*322.62*	
		For Clear Lacquer Finish, Add	*645.24*	
		For Baked Enamel Standard Colors, Add	*967.85*	
		For Anodized Finish, Add	*1,290.47*	
		For Kynar® Standard Colors Finish, Add	*1,774.40*	
08 91 16 00-0061	EA	30" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,756.91	179.86
		For Flange Frame, Add	*339.72*	
		For Clear Lacquer Finish, Add	*679.44*	
		For Baked Enamel Standard Colors, Add	*1,019.15*	
		For Anodized Finish, Add	*1,358.87*	
		For Kynar® Standard Colors Finish, Add	*1,868.45*	
08 91 16 00-0062	EA	36" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	885.11	55.60
		For Flange Frame, Add	*77.39*	
		For Clear Lacquer Finish, Add	*154.79*	
		For Baked Enamel Standard Colors, Add	*232.18*	
		For Anodized Finish, Add	*309.57*	
		For Kynar® Standard Colors Finish, Add	*425.66*	
08 91 16 00-0063	EA	36" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,199.02	71.95
		For Flange Frame, Add	*105.51*	
		For Clear Lacquer Finish, Add	*211.03*	
		For Baked Enamel Standard Colors, Add	*316.54*	
		For Anodized Finish, Add	*422.05*	
		For Kynar® Standard Colors Finish, Add	*580.32*	
08 91 16 00-0064	EA	36" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,402.30	81.76
		For Flange Frame, Add	*123.88*	
		For Clear Lacquer Finish, Add	*247.76*	
		For Baked Enamel Standard Colors, Add	*371.64*	
		For Anodized Finish, Add	*495.52*	
		For Kynar® Standard Colors Finish, Add	*681.33*	
08 91 16 00-0065	EA	36" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,644.86	91.56
		For Flange Frame, Add	*146.17*	
		For Clear Lacquer Finish, Add	*292.35*	
		For Baked Enamel Standard Colors, Add	*438.52*	
		For Anodized Finish, Add	*584.69*	
		For Kynar® Standard Colors Finish, Add	*803.95*	
08 91 16 00-0066	EA	36" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,869.55	99.41
		For Flange Frame, Add	*167.07*	
		For Clear Lacquer Finish, Add	*334.14*	
		For Baked Enamel Standard Colors, Add	*501.22*	
		For Anodized Finish, Add	*668.29*	
		For Kynar® Standard Colors Finish, Add	*918.90*	
08 91 16 00-0067	EA	36" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,080.36	107.91
		For Flange Frame, Add	*186.45*	
		For Clear Lacquer Finish, Add	*372.90*	
		For Baked Enamel Standard Colors, Add	*559.36*	
		For Anodized Finish, Add	*745.81*	
		For Kynar® Standard Colors Finish, Add	*1,025.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0068	EA	36" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,355.64	114.45
		For Flange Frame, Add	*212.67*	
		For Clear Lacquer Finish, Add	*425.34*	
		For Baked Enamel Standard Colors, Add	*638.02*	
		For Anodized Finish, Add	*850.69*	
		For Kynar® Standard Colors Finish, Add	*1,169.70*	
08 91 16 00-0069	EA	36" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,591.86	124.27
		For Flange Frame, Add	*234.33*	
		For Clear Lacquer Finish, Add	*468.66*	
		For Baked Enamel Standard Colors, Add	*703.00*	
		For Anodized Finish, Add	*937.33*	
		For Kynar® Standard Colors Finish, Add	*1,288.83*	
08 91 16 00-0070	EA	36" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,783.74	134.08
		For Flange Frame, Add	*251.56*	
		For Clear Lacquer Finish, Add	*503.12*	
		For Baked Enamel Standard Colors, Add	*754.68*	
		For Anodized Finish, Add	*1,006.24*	
		For Kynar® Standard Colors Finish, Add	*1,383.57*	
08 91 16 00-0071	EA	36" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,980.70	143.89
		For Flange Frame, Add	*269.29*	
		For Clear Lacquer Finish, Add	*538.58*	
		For Baked Enamel Standard Colors, Add	*807.88*	
		For Anodized Finish, Add	*1,077.17*	
		For Kynar® Standard Colors Finish, Add	*1,481.11*	
08 91 16 00-0072	EA	36" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,183.98	153.70
		For Flange Frame, Add	*287.66*	
		For Clear Lacquer Finish, Add	*575.32*	
		For Baked Enamel Standard Colors, Add	*862.97*	
		For Anodized Finish, Add	*1,150.63*	
		For Kynar® Standard Colors Finish, Add	*1,582.12*	
08 91 16 00-0073	EA	36" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,433.93	160.24
		For Flange Frame, Add	*311.35*	
		For Clear Lacquer Finish, Add	*622.69*	
		For Baked Enamel Standard Colors, Add	*934.04*	
		For Anodized Finish, Add	*1,245.38*	
		For Kynar® Standard Colors Finish, Add	*1,712.40*	
08 91 16 00-0074	EA	36" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,647.14	166.78
		For Flange Frame, Add	*331.36*	
		For Clear Lacquer Finish, Add	*662.72*	
		For Baked Enamel Standard Colors, Add	*994.07*	
		For Anodized Finish, Add	*1,325.43*	
		For Kynar® Standard Colors Finish, Add	*1,822.47*	
08 91 16 00-0075	EA	36" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,918.84	176.59
		For Flange Frame, Add	*356.57*	
		For Clear Lacquer Finish, Add	*713.13*	
		For Baked Enamel Standard Colors, Add	*1,069.70*	
		For Anodized Finish, Add	*1,426.26*	
		For Kynar® Standard Colors Finish, Add	*1,961.11*	
08 91 16 00-0076	EA	36" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	4,120.86	186.40
		For Flange Frame, Add	*374.81*	
		For Clear Lacquer Finish, Add	*749.61*	
		For Baked Enamel Standard Colors, Add	*1,124.42*	
		For Anodized Finish, Add	*1,499.22*	
		For Kynar® Standard Colors Finish, Add	*2,061.43*	
08 91 16 00-0077	EA	42" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,013.47	62.14
		For Flange Frame, Add	*88.92*	
		For Clear Lacquer Finish, Add	*177.84*	
		For Baked Enamel Standard Colors, Add	*266.76*	
		For Anodized Finish, Add	*355.68*	
		For Kynar® Standard Colors Finish, Add	*489.06*	
08 91 16 00-0078	EA	42" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,293.16	78.49
		For Flange Frame, Add	*113.62*	
		For Clear Lacquer Finish, Add	*227.24*	
		For Baked Enamel Standard Colors, Add	*340.86*	
		For Anodized Finish, Add	*454.48*	
		For Kynar® Standard Colors Finish, Add	*624.90*	
08 91 16 00-0079	EA	42" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,519.25	88.29
		For Flange Frame, Add	*134.27*	
		For Clear Lacquer Finish, Add	*268.53*	
		For Baked Enamel Standard Colors, Add	*402.80*	
		For Anodized Finish, Add	*537.06*	
		For Kynar® Standard Colors Finish, Add	*738.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0080	EA	42" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,777.22	101.37
		For Flange Frame, Add	*157.45*	
		For Clear Lacquer Finish, Add	*314.89*	
		For Baked Enamel Standard Colors, Add	*472.34*	
		For Anodized Finish, Add	*629.78*	
		For Kynar® Standard Colors Finish, Add	*865.95*	
08 91 16 00-0081	EA	42" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,017.03	107.91
		For Flange Frame, Add	*180.12*	
		For Clear Lacquer Finish, Add	*360.24*	
		For Baked Enamel Standard Colors, Add	*540.36*	
		For Anodized Finish, Add	*720.48*	
		For Kynar® Standard Colors Finish, Add	*990.65*	
08 91 16 00-0082	EA	42" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,244.18	114.45
		For Flange Frame, Add	*201.53*	
		For Clear Lacquer Finish, Add	*403.05*	
		For Baked Enamel Standard Colors, Add	*604.58*	
		For Anodized Finish, Add	*806.10*	
		For Kynar® Standard Colors Finish, Add	*1,108.39*	
08 91 16 00-0083	EA	42" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,543.52	121.00
		For Flange Frame, Add	*230.15*	
		For Clear Lacquer Finish, Add	*460.30*	
		For Baked Enamel Standard Colors, Add	*690.46*	
		For Anodized Finish, Add	*920.61*	
		For Kynar® Standard Colors Finish, Add	*1,265.84*	
08 91 16 00-0084	EA	42" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,783.53	130.81
		For Flange Frame, Add	*252.19*	
		For Clear Lacquer Finish, Add	*504.38*	
		For Baked Enamel Standard Colors, Add	*756.58*	
		For Anodized Finish, Add	*1,008.77*	
		For Kynar® Standard Colors Finish, Add	*1,387.06*	
08 91 16 00-0085	EA	42" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,999.49	140.62
		For Flange Frame, Add	*271.83*	
		For Clear Lacquer Finish, Add	*543.65*	
		For Baked Enamel Standard Colors, Add	*815.48*	
		For Anodized Finish, Add	*1,087.30*	
		For Kynar® Standard Colors Finish, Add	*1,495.04*	
08 91 16 00-0086	EA	42" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,201.51	150.43
		For Flange Frame, Add	*290.07*	
		For Clear Lacquer Finish, Add	*580.13*	
		For Baked Enamel Standard Colors, Add	*870.20*	
		For Anodized Finish, Add	*1,160.26*	
		For Kynar® Standard Colors Finish, Add	*1,595.36*	
08 91 16 00-0087	EA	42" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,422.53	160.24
		For Flange Frame, Add	*310.21*	
		For Clear Lacquer Finish, Add	*620.41*	
		For Baked Enamel Standard Colors, Add	*930.62*	
		For Anodized Finish, Add	*1,240.82*	
		For Kynar® Standard Colors Finish, Add	*1,706.13*	
08 91 16 00-0088	EA	42" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,691.48	166.78
		For Flange Frame, Add	*335.79*	
		For Clear Lacquer Finish, Add	*671.58*	
		For Baked Enamel Standard Colors, Add	*1,007.38*	
		For Anodized Finish, Add	*1,343.17*	
		For Kynar® Standard Colors Finish, Add	*1,846.86*	
08 91 16 00-0089	EA	42" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,924.95	173.32
		For Flange Frame, Add	*357.83*	
		For Clear Lacquer Finish, Add	*715.66*	
		For Baked Enamel Standard Colors, Add	*1,073.49*	
		For Anodized Finish, Add	*1,431.32*	
		For Kynar® Standard Colors Finish, Add	*1,968.07*	
08 91 16 00-0090	EA	42" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	4,229.58	183.13
		For Flange Frame, Add	*386.33*	
		For Clear Lacquer Finish, Add	*772.66*	
		For Baked Enamel Standard Colors, Add	*1,158.99*	
		For Anodized Finish, Add	*1,545.32*	
		For Kynar® Standard Colors Finish, Add	*2,124.82*	
08 91 16 00-0091	EA	42" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	4,440.47	192.94
		For Flange Frame, Add	*405.46*	
		For Clear Lacquer Finish, Add	*810.92*	
		For Baked Enamel Standard Colors, Add	*1,216.37*	
		For Anodized Finish, Add	*1,621.83*	
		For Kynar® Standard Colors Finish, Add	*2,230.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0092	EA	48" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,096.21	68.68
		For Flange Frame, Add	*95.89*	
		For Clear Lacquer Finish, Add	*191.77*	
		For Baked Enamel Standard Colors, Add	*287.66*	
		For Anodized Finish, Add	*383.54*	
		For Kynar® Standard Colors Finish, Add	*527.37*	
08 91 16 00-0093	EA	48" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,393.64	85.02
		For Flange Frame, Add	*122.36*	
		For Clear Lacquer Finish, Add	*244.72*	
		For Baked Enamel Standard Colors, Add	*367.08*	
		For Anodized Finish, Add	*489.44*	
		For Kynar® Standard Colors Finish, Add	*672.97*	
08 91 16 00-0094	EA	48" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,650.35	98.10
		For Flange Frame, Add	*145.41*	
		For Clear Lacquer Finish, Add	*290.83*	
		For Baked Enamel Standard Colors, Add	*436.24*	
		For Anodized Finish, Add	*581.65*	
		For Kynar® Standard Colors Finish, Add	*799.77*	
08 91 16 00-0095	EA	48" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,915.70	107.91
		For Flange Frame, Add	*169.99*	
		For Clear Lacquer Finish, Add	*339.97*	
		For Baked Enamel Standard Colors, Add	*509.96*	
		For Anodized Finish, Add	*679.94*	
		For Kynar® Standard Colors Finish, Add	*934.92*	
08 91 16 00-0096	EA	48" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,180.84	114.45
		For Flange Frame, Add	*195.19*	
		For Clear Lacquer Finish, Add	*390.38*	
		For Baked Enamel Standard Colors, Add	*585.58*	
		For Anodized Finish, Add	*780.77*	
		For Kynar® Standard Colors Finish, Add	*1,073.56*	
08 91 16 00-0097	EA	48" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,437.12	121.00
		For Flange Frame, Add	*219.51*	
		For Clear Lacquer Finish, Add	*439.02*	
		For Baked Enamel Standard Colors, Add	*658.54*	
		For Anodized Finish, Add	*878.05*	
		For Kynar® Standard Colors Finish, Add	*1,207.32*	
08 91 16 00-0098	EA	48" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,755.66	130.81
		For Flange Frame, Add	*249.41*	
		For Clear Lacquer Finish, Add	*498.81*	
		For Baked Enamel Standard Colors, Add	*748.22*	
		For Anodized Finish, Add	*997.62*	
		For Kynar® Standard Colors Finish, Add	*1,371.73*	
08 91 16 00-0099	EA	48" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,018.49	140.62
		For Flange Frame, Add	*273.73*	
		For Clear Lacquer Finish, Add	*547.45*	
		For Baked Enamel Standard Colors, Add	*821.18*	
		For Anodized Finish, Add	*1,094.90*	
		For Kynar® Standard Colors Finish, Add	*1,505.49*	
08 91 16 00-0100	EA	48" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,245.84	150.43
		For Flange Frame, Add	*294.50*	
		For Clear Lacquer Finish, Add	*589.00*	
		For Baked Enamel Standard Colors, Add	*883.49*	
		For Anodized Finish, Add	*1,177.99*	
		For Kynar® Standard Colors Finish, Add	*1,619.74*	
08 91 16 00-0101	EA	48" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,477.00	160.24
		For Flange Frame, Add	*315.65*	
		For Clear Lacquer Finish, Add	*631.30*	
		For Baked Enamel Standard Colors, Add	*946.96*	
		For Anodized Finish, Add	*1,262.61*	
		For Kynar® Standard Colors Finish, Add	*1,736.09*	
08 91 16 00-0102	EA	48" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,703.08	170.05
		For Flange Frame, Add	*336.30*	
		For Clear Lacquer Finish, Add	*672.60*	
		For Baked Enamel Standard Colors, Add	*1,008.89*	
		For Anodized Finish, Add	*1,345.19*	
		For Kynar® Standard Colors Finish, Add	*1,849.64*	
08 91 16 00-0103	EA	48" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	4,007.50	176.59
		For Flange Frame, Add	*365.43*	
		For Clear Lacquer Finish, Add	*730.86*	
		For Baked Enamel Standard Colors, Add	*1,096.29*	
		For Anodized Finish, Add	*1,461.72*	
		For Kynar® Standard Colors Finish, Add	*2,009.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0104	EA	48" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	4,259.98	183.13
		For Flange Frame, Add	*389.37*	
		For Clear Lacquer Finish, Add	*778.74*	
		For Baked Enamel Standard Colors, Add	*1,168.11*	
		For Anodized Finish, Add	*1,557.48*	
		For Kynar® Standard Colors Finish, Add	*2,141.54*	
08 91 16 00-0105	EA	48" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	4,571.99	189.67
		For Flange Frame, Add	*419.26*	
		For Clear Lacquer Finish, Add	*838.53*	
		For Baked Enamel Standard Colors, Add	*1,257.79*	
		For Anodized Finish, Add	*1,677.06*	
		For Kynar® Standard Colors Finish, Add	*2,305.95*	
08 91 16 00-0106	EA	48" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	4,804.41	199.49
		For Flange Frame, Add	*440.54*	
		For Clear Lacquer Finish, Add	*881.09*	
		For Baked Enamel Standard Colors, Add	*1,321.63*	
		For Anodized Finish, Add	*1,762.18*	
		For Kynar® Standard Colors Finish, Add	*2,422.99*	
08 91 16 00-0107	EA	54" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,272.90	78.49
		For Flange Frame, Add	*111.59*	
		For Clear Lacquer Finish, Add	*223.19*	
		For Baked Enamel Standard Colors, Add	*334.78*	
		For Anodized Finish, Add	*446.37*	
		For Kynar® Standard Colors Finish, Add	*613.76*	
08 91 16 00-0108	EA	54" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,633.66	94.83
		For Flange Frame, Add	*144.40*	
		For Clear Lacquer Finish, Add	*288.80*	
		For Baked Enamel Standard Colors, Add	*433.20*	
		For Anodized Finish, Add	*577.60*	
		For Kynar® Standard Colors Finish, Add	*794.19*	
08 91 16 00-0109	EA	54" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,914.64	111.18
		For Flange Frame, Add	*169.23*	
		For Clear Lacquer Finish, Add	*338.45*	
		For Baked Enamel Standard Colors, Add	*507.68*	
		For Anodized Finish, Add	*676.90*	
		For Kynar® Standard Colors Finish, Add	*930.74*	
08 91 16 00-0110	EA	54" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,202.58	117.73
		For Flange Frame, Add	*196.71*	
		For Clear Lacquer Finish, Add	*393.42*	
		For Baked Enamel Standard Colors, Add	*590.14*	
		For Anodized Finish, Add	*786.85*	
		For Kynar® Standard Colors Finish, Add	*1,081.92*	
08 91 16 00-0111	EA	54" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,515.86	124.27
		For Flange Frame, Add	*226.73*	
		For Clear Lacquer Finish, Add	*453.46*	
		For Baked Enamel Standard Colors, Add	*680.20*	
		For Anodized Finish, Add	*906.93*	
		For Kynar® Standard Colors Finish, Add	*1,247.03*	
08 91 16 00-0112	EA	54" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,796.20	130.81
		For Flange Frame, Add	*253.46*	
		For Clear Lacquer Finish, Add	*506.92*	
		For Baked Enamel Standard Colors, Add	*760.38*	
		For Anodized Finish, Add	*1,013.84*	
		For Kynar® Standard Colors Finish, Add	*1,394.02*	
08 91 16 00-0113	EA	54" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,166.69	140.62
		For Flange Frame, Add	*288.55*	
		For Clear Lacquer Finish, Add	*577.09*	
		For Baked Enamel Standard Colors, Add	*865.64*	
		For Anodized Finish, Add	*1,154.18*	
		For Kynar® Standard Colors Finish, Add	*1,587.00*	
08 91 16 00-0114	EA	54" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,527.04	150.43
		For Flange Frame, Add	*322.62*	
		For Clear Lacquer Finish, Add	*645.24*	
		For Baked Enamel Standard Colors, Add	*967.85*	
		For Anodized Finish, Add	*1,290.47*	
		For Kynar® Standard Colors Finish, Add	*1,774.40*	
08 91 16 00-0115	EA	54" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,796.20	160.24
		For Flange Frame, Add	*347.57*	
		For Clear Lacquer Finish, Add	*695.14*	
		For Baked Enamel Standard Colors, Add	*1,042.72*	
		For Anodized Finish, Add	*1,390.29*	
		For Kynar® Standard Colors Finish, Add	*1,911.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0116	EA	54" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	4,061.55	170.05
		For Flange Frame, Add	*372.15*	
		For Clear Lacquer Finish, Add	*744.29*	
		For Baked Enamel Standard Colors, Add	*1,116.44*	
		For Anodized Finish, Add	*1,488.58*	
		For Kynar® Standard Colors Finish, Add	*2,046.80*	
08 91 16 00-0117	EA	54" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	4,317.84	176.59
		For Flange Frame, Add	*396.47*	
		For Clear Lacquer Finish, Add	*792.93*	
		For Baked Enamel Standard Colors, Add	*1,189.40*	
		For Anodized Finish, Add	*1,585.86*	
		For Kynar® Standard Colors Finish, Add	*2,180.56*	
08 91 16 00-0118	EA	54" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	4,657.71	183.13
		For Flange Frame, Add	*429.14*	
		For Clear Lacquer Finish, Add	*858.29*	
		For Baked Enamel Standard Colors, Add	*1,287.43*	
		For Anodized Finish, Add	*1,716.58*	
		For Kynar® Standard Colors Finish, Add	*2,360.29*	
08 91 16 00-0119	EA	54" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	4,940.59	189.67
		For Flange Frame, Add	*456.12*	
		For Clear Lacquer Finish, Add	*912.25*	
		For Baked Enamel Standard Colors, Add	*1,368.37*	
		For Anodized Finish, Add	*1,824.50*	
		For Kynar® Standard Colors Finish, Add	*2,508.68*	
08 91 16 00-0120	EA	54" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	5,305.80	196.22
		For Flange Frame, Add	*491.34*	
		For Clear Lacquer Finish, Add	*982.67*	
		For Baked Enamel Standard Colors, Add	*1,474.01*	
		For Anodized Finish, Add	*1,965.35*	
		For Kynar® Standard Colors Finish, Add	*2,702.35*	
08 91 16 00-0121	EA	54" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	5,577.49	206.03
		For Flange Frame, Add	*516.54*	
		For Clear Lacquer Finish, Add	*1,033.09*	
		For Baked Enamel Standard Colors, Add	*1,549.63*	
		For Anodized Finish, Add	*2,066.18*	
		For Kynar® Standard Colors Finish, Add	*2,840.99*	
08 91 16 00-0122	EA	60" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,350.58	85.02
		For Flange Frame, Add	*118.05*	
		For Clear Lacquer Finish, Add	*236.11*	
		For Baked Enamel Standard Colors, Add	*354.16*	
		For Anodized Finish, Add	*472.21*	
		For Kynar® Standard Colors Finish, Add	*649.29*	
08 91 16 00-0123	EA	60" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,740.69	104.64
		For Flange Frame, Add	*153.14*	
		For Clear Lacquer Finish, Add	*306.28*	
		For Baked Enamel Standard Colors, Add	*459.42*	
		For Anodized Finish, Add	*612.56*	
		For Kynar® Standard Colors Finish, Add	*842.26*	
08 91 16 00-0124	EA	60" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,029.05	117.73
		For Flange Frame, Add	*179.36*	
		For Clear Lacquer Finish, Add	*358.72*	
		For Baked Enamel Standard Colors, Add	*538.08*	
		For Anodized Finish, Add	*717.44*	
		For Kynar® Standard Colors Finish, Add	*986.47*	
08 91 16 00-0125	EA	60" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,346.13	124.27
		For Flange Frame, Add	*209.76*	
		For Clear Lacquer Finish, Add	*419.52*	
		For Baked Enamel Standard Colors, Add	*629.28*	
		For Anodized Finish, Add	*839.04*	
		For Kynar® Standard Colors Finish, Add	*1,153.67*	
08 91 16 00-0126	EA	60" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,677.34	134.08
		For Flange Frame, Add	*240.92*	
		For Clear Lacquer Finish, Add	*481.84*	
		For Baked Enamel Standard Colors, Add	*722.76*	
		For Anodized Finish, Add	*963.68*	
		For Kynar® Standard Colors Finish, Add	*1,325.05*	
08 91 16 00-0127	EA	60" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,974.16	140.62
		For Flange Frame, Add	*269.29*	
		For Clear Lacquer Finish, Add	*538.58*	
		For Baked Enamel Standard Colors, Add	*807.88*	
		For Anodized Finish, Add	*1,077.17*	
		For Kynar® Standard Colors Finish, Add	*1,481.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0128	EA	60" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,371.24	150.43
		For Flange Frame, Add	*307.04*	
		For Clear Lacquer Finish, Add	*614.08*	
		For Baked Enamel Standard Colors, Add	*921.11*	
		For Anodized Finish, Add	*1,228.15*	
		For Kynar® Standard Colors Finish, Add	*1,688.71*	
08 91 16 00-0129	EA	60" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,741.73	160.24
		For Flange Frame, Add	*342.13*	
		For Clear Lacquer Finish, Add	*684.25*	
		For Baked Enamel Standard Colors, Add	*1,026.38*	
		For Anodized Finish, Add	*1,368.50*	
		For Kynar® Standard Colors Finish, Add	*1,881.69*	
08 91 16 00-0130	EA	60" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	4,029.88	170.05
		For Flange Frame, Add	*368.98*	
		For Clear Lacquer Finish, Add	*737.96*	
		For Baked Enamel Standard Colors, Add	*1,106.93*	
		For Anodized Finish, Add	*1,475.91*	
		For Kynar® Standard Colors Finish, Add	*2,029.38*	
08 91 16 00-0131	EA	60" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	4,312.98	179.86
		For Flange Frame, Add	*395.33*	
		For Clear Lacquer Finish, Add	*790.65*	
		For Baked Enamel Standard Colors, Add	*1,185.98*	
		For Anodized Finish, Add	*1,581.30*	
		For Kynar® Standard Colors Finish, Add	*2,174.29*	
08 91 16 00-0132	EA	60" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	4,585.72	186.40
		For Flange Frame, Add	*421.29*	
		For Clear Lacquer Finish, Add	*842.58*	
		For Baked Enamel Standard Colors, Add	*1,263.87*	
		For Anodized Finish, Add	*1,685.16*	
		For Kynar® Standard Colors Finish, Add	*2,317.10*	
08 91 16 00-0133	EA	60" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	4,954.73	192.94
		For Flange Frame, Add	*456.88*	
		For Clear Lacquer Finish, Add	*913.77*	
		For Baked Enamel Standard Colors, Add	*1,370.65*	
		For Anodized Finish, Add	*1,827.54*	
		For Kynar® Standard Colors Finish, Add	*2,512.86*	
08 91 16 00-0134	EA	60" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	5,251.54	199.49
		For Flange Frame, Add	*485.26*	
		For Clear Lacquer Finish, Add	*970.51*	
		For Baked Enamel Standard Colors, Add	*1,455.77*	
		For Anodized Finish, Add	*1,941.03*	
		For Kynar® Standard Colors Finish, Add	*2,668.91*	
08 91 16 00-0135	EA	60" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	5,635.76	206.03
		For Flange Frame, Add	*522.37*	
		For Clear Lacquer Finish, Add	*1,044.74*	
		For Baked Enamel Standard Colors, Add	*1,567.11*	
		For Anodized Finish, Add	*2,089.48*	
		For Kynar® Standard Colors Finish, Add	*2,873.04*	
08 91 16 00-0136	EA	60" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	5,917.36	212.57
		For Flange Frame, Add	*549.22*	
		For Clear Lacquer Finish, Add	*1,098.45*	
		For Baked Enamel Standard Colors, Add	*1,647.67*	
		For Anodized Finish, Add	*2,196.90*	
		For Kynar® Standard Colors Finish, Add	*3,020.73*	
08 91 16 00-0137		Adjustable Intake Wall Louvers Operators *(08 91 16)*		
08 91 16 00-0138	EA	5' Chain Actuator For Adjustable Intake Louver	339.01	32.70
08 91 16 00-0139	EA	Panel Crank For Adjustable Intake Louver	758.29	13.08
08 91 19		**Fixed Louvers** *(08 91)*		
08 91 19 00-0001		Fixed Intake Wall Louvers *(08 91 19)*		
08 91 19 00-0002	EA	12" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	441.40	29.43
		For Flange Frame, Add	*38.25*	
		For Clear Lacquer Finish, Add	*76.51*	
		For Baked Enamel Standard Colors, Add	*114.76*	
		For Anodized Finish, Add	*153.01*	
		For Kynar® Standard Colors Finish, Add	*210.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0003	EA	12" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	524.15	35.97
		For Flange Frame, Add	*45.22*	
		For Clear Lacquer Finish, Add	*90.44*	
		For Baked Enamel Standard Colors, Add	*135.66*	
		For Anodized Finish, Add	*180.88*	
		For Kynar® Standard Colors Finish, Add	*248.71*	
08 91 19 00-0004	EA	12" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	608.15	42.52
		For Flange Frame, Add	*52.31*	
		For Clear Lacquer Finish, Add	*104.63*	
		For Baked Enamel Standard Colors, Add	*156.94*	
		For Anodized Finish, Add	*209.25*	
		For Kynar® Standard Colors Finish, Add	*287.72*	
08 91 19 00-0005	EA	12" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	713.70	49.06
		For Flange Frame, Add	*61.56*	
		For Clear Lacquer Finish, Add	*123.12*	
		For Baked Enamel Standard Colors, Add	*184.68*	
		For Anodized Finish, Add	*246.24*	
		For Kynar® Standard Colors Finish, Add	*338.58*	
08 91 19 00-0006	EA	12" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	802.78	55.60
		For Flange Frame, Add	*69.16*	
		For Clear Lacquer Finish, Add	*138.32*	
		For Baked Enamel Standard Colors, Add	*207.48*	
		For Anodized Finish, Add	*276.64*	
		For Kynar® Standard Colors Finish, Add	*380.38*	
08 91 19 00-0007	EA	12" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	947.60	62.14
		For Flange Frame, Add	*82.33*	
		For Clear Lacquer Finish, Add	*164.67*	
		For Baked Enamel Standard Colors, Add	*247.00*	
		For Anodized Finish, Add	*329.33*	
		For Kynar® Standard Colors Finish, Add	*452.83*	
08 91 19 00-0008	EA	12" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,026.55	68.68
		For Flange Frame, Add	*88.92*	
		For Clear Lacquer Finish, Add	*177.84*	
		For Baked Enamel Standard Colors, Add	*266.76*	
		For Anodized Finish, Add	*355.68*	
		For Kynar® Standard Colors Finish, Add	*489.06*	
08 91 19 00-0009	EA	12" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,147.50	78.49
		For Flange Frame, Add	*99.05*	
		For Clear Lacquer Finish, Add	*198.11*	
		For Baked Enamel Standard Colors, Add	*297.16*	
		For Anodized Finish, Add	*396.21*	
		For Kynar® Standard Colors Finish, Add	*544.79*	
08 91 19 00-0010	EA	12" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,220.11	85.02
		For Flange Frame, Add	*105.01*	
		For Clear Lacquer Finish, Add	*210.01*	
		For Baked Enamel Standard Colors, Add	*315.02*	
		For Anodized Finish, Add	*420.02*	
		For Kynar® Standard Colors Finish, Add	*577.53*	
08 91 19 00-0011	EA	12" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,319.32	91.56
		For Flange Frame, Add	*113.62*	
		For Clear Lacquer Finish, Add	*227.24*	
		For Baked Enamel Standard Colors, Add	*340.86*	
		For Anodized Finish, Add	*454.48*	
		For Kynar® Standard Colors Finish, Add	*624.90*	
08 91 19 00-0012	EA	12" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,405.88	98.10
		For Flange Frame, Add	*120.97*	
		For Clear Lacquer Finish, Add	*241.93*	
		For Baked Enamel Standard Colors, Add	*362.90*	
		For Anodized Finish, Add	*483.86*	
		For Kynar® Standard Colors Finish, Add	*665.31*	
08 91 19 00-0013	EA	12" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,508.89	104.64
		For Flange Frame, Add	*129.96*	
		For Clear Lacquer Finish, Add	*259.92*	
		For Baked Enamel Standard Colors, Add	*389.88*	
		For Anodized Finish, Add	*519.84*	
		For Kynar® Standard Colors Finish, Add	*714.77*	
08 91 19 00-0014	EA	12" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,605.57	111.18
		For Flange Frame, Add	*138.32*	
		For Clear Lacquer Finish, Add	*276.64*	
		For Baked Enamel Standard Colors, Add	*414.96*	
		For Anodized Finish, Add	*553.28*	
		For Kynar® Standard Colors Finish, Add	*760.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0015	EA	12" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,691.06	121.00
		For Flange Frame, Add	*144.91*	
		For Clear Lacquer Finish, Add	*289.81*	
		For Baked Enamel Standard Colors, Add	*434.72*	
		For Anodized Finish, Add	*579.62*	
		For Kynar® Standard Colors Finish, Add	*796.98*	
08 91 19 00-0016	EA	12" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,805.67	130.81
		For Flange Frame, Add	*154.41*	
		For Clear Lacquer Finish, Add	*308.81*	
		For Baked Enamel Standard Colors, Add	*463.22*	
		For Anodized Finish, Add	*617.62*	
		For Kynar® Standard Colors Finish, Add	*849.23*	
08 91 19 00-0017	EA	18" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	512.75	35.97
		For Flange Frame, Add	*44.08*	
		For Clear Lacquer Finish, Add	*88.16*	
		For Baked Enamel Standard Colors, Add	*132.24*	
		For Anodized Finish, Add	*176.32*	
		For Kynar® Standard Colors Finish, Add	*242.44*	
08 91 19 00-0018	EA	18" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	614.69	45.79
		For Flange Frame, Add	*52.31*	
		For Clear Lacquer Finish, Add	*104.63*	
		For Baked Enamel Standard Colors, Add	*156.94*	
		For Anodized Finish, Add	*209.25*	
		For Kynar® Standard Colors Finish, Add	*287.72*	
08 91 19 00-0019	EA	18" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	712.64	52.33
		For Flange Frame, Add	*60.80*	
		For Clear Lacquer Finish, Add	*121.60*	
		For Baked Enamel Standard Colors, Add	*182.40*	
		For Anodized Finish, Add	*243.20*	
		For Kynar® Standard Colors Finish, Add	*334.40*	
08 91 19 00-0020	EA	18" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	893.34	65.41
		For Flange Frame, Add	*76.25*	
		For Clear Lacquer Finish, Add	*152.51*	
		For Baked Enamel Standard Colors, Add	*228.76*	
		For Anodized Finish, Add	*305.01*	
		For Kynar® Standard Colors Finish, Add	*419.39*	
08 91 19 00-0021	EA	18" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,025.49	71.95
		For Flange Frame, Add	*88.16*	
		For Clear Lacquer Finish, Add	*176.32*	
		For Baked Enamel Standard Colors, Add	*264.48*	
		For Anodized Finish, Add	*352.64*	
		For Kynar® Standard Colors Finish, Add	*484.88*	
08 91 19 00-0022	EA	18" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,142.43	78.49
		For Flange Frame, Add	*98.55*	
		For Clear Lacquer Finish, Add	*197.09*	
		For Baked Enamel Standard Colors, Add	*295.64*	
		For Anodized Finish, Add	*394.18*	
		For Kynar® Standard Colors Finish, Add	*542.00*	
08 91 19 00-0023	EA	18" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,225.18	85.02
		For Flange Frame, Add	*105.51*	
		For Clear Lacquer Finish, Add	*211.03*	
		For Baked Enamel Standard Colors, Add	*316.54*	
		For Anodized Finish, Add	*422.05*	
		For Kynar® Standard Colors Finish, Add	*580.32*	
08 91 19 00-0024	EA	18" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,363.86	94.83
		For Flange Frame, Add	*117.42*	
		For Clear Lacquer Finish, Add	*234.84*	
		For Baked Enamel Standard Colors, Add	*352.26*	
		For Anodized Finish, Add	*469.68*	
		For Kynar® Standard Colors Finish, Add	*645.80*	
08 91 19 00-0025	EA	18" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,460.76	104.64
		For Flange Frame, Add	*125.15*	
		For Clear Lacquer Finish, Add	*250.29*	
		For Baked Enamel Standard Colors, Add	*375.44*	
		For Anodized Finish, Add	*500.58*	
		For Kynar® Standard Colors Finish, Add	*688.30*	
08 91 19 00-0026	EA	18" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,587.84	111.18
		For Flange Frame, Add	*136.55*	
		For Clear Lacquer Finish, Add	*273.09*	
		For Baked Enamel Standard Colors, Add	*409.64*	
		For Anodized Finish, Add	*546.18*	
		For Kynar® Standard Colors Finish, Add	*751.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0027	EA	18" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,684.52	117.73
		For Flange Frame, Add	*144.91*	
		For Clear Lacquer Finish, Add	*289.81*	
		For Baked Enamel Standard Colors, Add	*434.72*	
		For Anodized Finish, Add	*579.62*	
		For Kynar® Standard Colors Finish, Add	*796.98*	
08 91 19 00-0028	EA	18" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,792.60	124.27
		For Flange Frame, Add	*154.41*	
		For Clear Lacquer Finish, Add	*308.81*	
		For Baked Enamel Standard Colors, Add	*463.22*	
		For Anodized Finish, Add	*617.62*	
		For Kynar® Standard Colors Finish, Add	*849.23*	
08 91 19 00-0029	EA	18" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,905.73	130.81
		For Flange Frame, Add	*164.41*	
		For Clear Lacquer Finish, Add	*328.82*	
		For Baked Enamel Standard Colors, Add	*493.24*	
		For Anodized Finish, Add	*657.65*	
		For Kynar® Standard Colors Finish, Add	*904.27*	
08 91 19 00-0030	EA	18" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,005.16	140.62
		For Flange Frame, Add	*172.39*	
		For Clear Lacquer Finish, Add	*344.78*	
		For Baked Enamel Standard Colors, Add	*517.18*	
		For Anodized Finish, Add	*689.57*	
		For Kynar® Standard Colors Finish, Add	*948.16*	
08 91 19 00-0031	EA	18" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,143.85	150.43
		For Flange Frame, Add	*184.30*	
		For Clear Lacquer Finish, Add	*368.60*	
		For Baked Enamel Standard Colors, Add	*552.90*	
		For Anodized Finish, Add	*737.20*	
		For Kynar® Standard Colors Finish, Add	*1,013.64*	
08 91 19 00-0032	EA	24" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	592.95	42.52
		For Flange Frame, Add	*50.79*	
		For Clear Lacquer Finish, Add	*101.59*	
		For Baked Enamel Standard Colors, Add	*152.38*	
		For Anodized Finish, Add	*203.17*	
		For Kynar® Standard Colors Finish, Add	*279.36*	
08 91 19 00-0033	EA	24" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	706.30	52.33
		For Flange Frame, Add	*60.17*	
		For Clear Lacquer Finish, Add	*120.33*	
		For Baked Enamel Standard Colors, Add	*180.50*	
		For Anodized Finish, Add	*240.66*	
		For Kynar® Standard Colors Finish, Add	*330.91*	
08 91 19 00-0034	EA	24" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	875.40	62.14
		For Flange Frame, Add	*75.11*	
		For Clear Lacquer Finish, Add	*150.23*	
		For Baked Enamel Standard Colors, Add	*225.34*	
		For Anodized Finish, Add	*300.45*	
		For Kynar® Standard Colors Finish, Add	*413.12*	
08 91 19 00-0035	EA	24" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,032.03	75.22
		For Flange Frame, Add	*88.16*	
		For Clear Lacquer Finish, Add	*176.32*	
		For Baked Enamel Standard Colors, Add	*264.48*	
		For Anodized Finish, Add	*352.64*	
		For Kynar® Standard Colors Finish, Add	*484.88*	
08 91 19 00-0036	EA	24" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,181.90	81.76
		For Flange Frame, Add	*101.84*	
		For Clear Lacquer Finish, Add	*203.68*	
		For Baked Enamel Standard Colors, Add	*305.52*	
		For Anodized Finish, Add	*407.36*	
		For Kynar® Standard Colors Finish, Add	*560.11*	
08 91 19 00-0037	EA	24" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,320.38	88.29
		For Flange Frame, Add	*114.38*	
		For Clear Lacquer Finish, Add	*228.76*	
		For Baked Enamel Standard Colors, Add	*343.14*	
		For Anodized Finish, Add	*457.52*	
		For Kynar® Standard Colors Finish, Add	*629.08*	
08 91 19 00-0038	EA	24" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,435.01	98.10
		For Flange Frame, Add	*123.88*	
		For Clear Lacquer Finish, Add	*247.76*	
		For Baked Enamel Standard Colors, Add	*371.64*	
		For Anodized Finish, Add	*495.52*	
		For Kynar® Standard Colors Finish, Add	*681.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0039	EA	24" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,587.84	111.18
		For Flange Frame, Add	*136.55*	
		For Clear Lacquer Finish, Add	*273.09*	
		For Baked Enamel Standard Colors, Add	*409.64*	
		For Anodized Finish, Add	*546.18*	
		For Kynar® Standard Colors Finish, Add	*751.00*	
08 91 19 00-0040	EA	24" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,689.59	117.73
		For Flange Frame, Add	*145.41*	
		For Clear Lacquer Finish, Add	*290.83*	
		For Baked Enamel Standard Colors, Add	*436.24*	
		For Anodized Finish, Add	*581.65*	
		For Kynar® Standard Colors Finish, Add	*799.77*	
08 91 19 00-0041	EA	24" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,856.33	130.81
		For Flange Frame, Add	*159.47*	
		For Clear Lacquer Finish, Add	*318.94*	
		For Baked Enamel Standard Colors, Add	*478.42*	
		For Anodized Finish, Add	*637.89*	
		For Kynar® Standard Colors Finish, Add	*877.10*	
08 91 19 00-0042	EA	24" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,961.89	137.35
		For Flange Frame, Add	*168.72*	
		For Clear Lacquer Finish, Add	*337.44*	
		For Baked Enamel Standard Colors, Add	*506.16*	
		For Anodized Finish, Add	*674.88*	
		For Kynar® Standard Colors Finish, Add	*927.95*	
08 91 19 00-0043	EA	24" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,099.10	143.89
		For Flange Frame, Add	*181.13*	
		For Clear Lacquer Finish, Add	*362.26*	
		For Baked Enamel Standard Colors, Add	*543.40*	
		For Anodized Finish, Add	*724.53*	
		For Kynar® Standard Colors Finish, Add	*996.23*	
08 91 19 00-0044	EA	24" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,233.78	150.43
		For Flange Frame, Add	*193.29*	
		For Clear Lacquer Finish, Add	*386.58*	
		For Baked Enamel Standard Colors, Add	*579.88*	
		For Anodized Finish, Add	*773.17*	
		For Kynar® Standard Colors Finish, Add	*1,063.11*	
08 91 19 00-0045	EA	24" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,335.74	160.24
		For Flange Frame, Add	*201.53*	
		For Clear Lacquer Finish, Add	*403.05*	
		For Baked Enamel Standard Colors, Add	*604.58*	
		For Anodized Finish, Add	*806.10*	
		For Kynar® Standard Colors Finish, Add	*1,108.39*	
08 91 19 00-0046	EA	24" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,504.82	170.05
		For Flange Frame, Add	*216.47*	
		For Clear Lacquer Finish, Add	*432.94*	
		For Baked Enamel Standard Colors, Add	*649.42*	
		For Anodized Finish, Add	*865.89*	
		For Kynar® Standard Colors Finish, Add	*1,190.60*	
08 91 19 00-0047	EA	30" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	664.30	49.06
		For Flange Frame, Add	*56.62*	
		For Clear Lacquer Finish, Add	*113.24*	
		For Baked Enamel Standard Colors, Add	*169.86*	
		For Anodized Finish, Add	*226.48*	
		For Kynar® Standard Colors Finish, Add	*311.41*	
08 91 19 00-0048	EA	30" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	859.14	65.41
		For Flange Frame, Add	*72.83*	
		For Clear Lacquer Finish, Add	*145.67*	
		For Baked Enamel Standard Colors, Add	*218.50*	
		For Anodized Finish, Add	*291.33*	
		For Kynar® Standard Colors Finish, Add	*400.58*	
08 91 19 00-0049	EA	30" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,002.89	75.22
		For Flange Frame, Add	*85.25*	
		For Clear Lacquer Finish, Add	*170.49*	
		For Baked Enamel Standard Colors, Add	*255.74*	
		For Anodized Finish, Add	*340.98*	
		For Kynar® Standard Colors Finish, Add	*468.85*	
08 91 19 00-0050	EA	30" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,170.71	85.02
		For Flange Frame, Add	*100.07*	
		For Clear Lacquer Finish, Add	*200.13*	
		For Baked Enamel Standard Colors, Add	*300.20*	
		For Anodized Finish, Add	*400.26*	
		For Kynar® Standard Colors Finish, Add	*550.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0051	EA	30" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,350.99	91.56
		For Flange Frame, Add	*116.79*	
		For Clear Lacquer Finish, Add	*233.57*	
		For Baked Enamel Standard Colors, Add	*350.36*	
		For Anodized Finish, Add	*467.14*	
		For Kynar® Standard Colors Finish, Add	*642.32*	
08 91 19 00-0052	EA	30" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,502.35	101.37
		For Flange Frame, Add	*129.96*	
		For Clear Lacquer Finish, Add	*259.92*	
		For Baked Enamel Standard Colors, Add	*389.88*	
		For Anodized Finish, Add	*519.84*	
		For Kynar® Standard Colors Finish, Add	*714.77*	
08 91 19 00-0053	EA	30" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,615.50	107.91
		For Flange Frame, Add	*139.97*	
		For Clear Lacquer Finish, Add	*279.93*	
		For Baked Enamel Standard Colors, Add	*419.90*	
		For Anodized Finish, Add	*559.86*	
		For Kynar® Standard Colors Finish, Add	*769.81*	
08 91 19 00-0054	EA	30" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,774.45	117.73
		For Flange Frame, Add	*153.90*	
		For Clear Lacquer Finish, Add	*307.80*	
		For Baked Enamel Standard Colors, Add	*461.70*	
		For Anodized Finish, Add	*615.60*	
		For Kynar® Standard Colors Finish, Add	*846.44*	
08 91 19 00-0055	EA	30" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,901.53	124.27
		For Flange Frame, Add	*165.30*	
		For Clear Lacquer Finish, Add	*330.60*	
		For Baked Enamel Standard Colors, Add	*495.90*	
		For Anodized Finish, Add	*661.20*	
		For Kynar® Standard Colors Finish, Add	*909.14*	
08 91 19 00-0056	EA	30" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,094.89	137.35
		For Flange Frame, Add	*182.02*	
		For Clear Lacquer Finish, Add	*364.04*	
		For Baked Enamel Standard Colors, Add	*546.06*	
		For Anodized Finish, Add	*728.08*	
		For Kynar® Standard Colors Finish, Add	*1,001.10*	
08 91 19 00-0057	EA	30" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,218.38	147.16
		For Flange Frame, Add	*192.41*	
		For Clear Lacquer Finish, Add	*384.81*	
		For Baked Enamel Standard Colors, Add	*577.22*	
		For Anodized Finish, Add	*769.62*	
		For Kynar® Standard Colors Finish, Add	*1,058.23*	
08 91 19 00-0058	EA	30" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,364.46	153.70
		For Flange Frame, Add	*205.71*	
		For Clear Lacquer Finish, Add	*411.41*	
		For Baked Enamel Standard Colors, Add	*617.12*	
		For Anodized Finish, Add	*822.82*	
		For Kynar® Standard Colors Finish, Add	*1,131.38*	
08 91 19 00-0059	EA	30" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,509.27	160.24
		For Flange Frame, Add	*218.88*	
		For Clear Lacquer Finish, Add	*437.76*	
		For Baked Enamel Standard Colors, Add	*656.64*	
		For Anodized Finish, Add	*875.52*	
		For Kynar® Standard Colors Finish, Add	*1,203.83*	
08 91 19 00-0060	EA	30" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,630.22	170.05
		For Flange Frame, Add	*229.01*	
		For Clear Lacquer Finish, Add	*458.02*	
		For Baked Enamel Standard Colors, Add	*687.04*	
		For Anodized Finish, Add	*916.05*	
		For Kynar® Standard Colors Finish, Add	*1,259.57*	
08 91 19 00-0061	EA	30" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,822.12	179.86
		For Flange Frame, Add	*246.24*	
		For Clear Lacquer Finish, Add	*492.48*	
		For Baked Enamel Standard Colors, Add	*738.72*	
		For Anodized Finish, Add	*984.96*	
		For Kynar® Standard Colors Finish, Add	*1,354.31*	
08 91 19 00-0062	EA	36" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	736.91	55.60
		For Flange Frame, Add	*62.57*	
		For Clear Lacquer Finish, Add	*125.15*	
		For Baked Enamel Standard Colors, Add	*187.72*	
		For Anodized Finish, Add	*250.29*	
		For Kynar® Standard Colors Finish, Add	*344.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0063	EA	36" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	967.22	71.95
		For Flange Frame, Add	*82.33*	
		For Clear Lacquer Finish, Add	*164.67*	
		For Baked Enamel Standard Colors, Add	*247.00*	
		For Anodized Finish, Add	*329.33*	
		For Kynar® Standard Colors Finish, Add	*452.83*	
08 91 19 00-0064	EA	36" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,118.57	81.76
		For Flange Frame, Add	*95.51*	
		For Clear Lacquer Finish, Add	*191.01*	
		For Baked Enamel Standard Colors, Add	*286.52*	
		For Anodized Finish, Add	*382.02*	
		For Kynar® Standard Colors Finish, Add	*525.28*	
08 91 19 00-0065	EA	36" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,299.06	91.56
		For Flange Frame, Add	*111.59*	
		For Clear Lacquer Finish, Add	*223.19*	
		For Baked Enamel Standard Colors, Add	*334.78*	
		For Anodized Finish, Add	*446.37*	
		For Kynar® Standard Colors Finish, Add	*613.76*	
08 91 19 00-0066	EA	36" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	1,502.22	99.41
		For Flange Frame, Add	*130.34*	
		For Clear Lacquer Finish, Add	*260.68*	
		For Baked Enamel Standard Colors, Add	*391.02*	
		For Anodized Finish, Add	*521.36*	
		For Kynar® Standard Colors Finish, Add	*716.86*	
08 91 19 00-0067	EA	36" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	1,659.83	107.91
		For Flange Frame, Add	*144.40*	
		For Clear Lacquer Finish, Add	*288.80*	
		For Baked Enamel Standard Colors, Add	*433.20*	
		For Anodized Finish, Add	*577.60*	
		For Kynar® Standard Colors Finish, Add	*794.19*	
08 91 19 00-0068	EA	36" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	1,795.78	114.45
		For Flange Frame, Add	*156.69*	
		For Clear Lacquer Finish, Add	*313.37*	
		For Baked Enamel Standard Colors, Add	*470.06*	
		For Anodized Finish, Add	*626.74*	
		For Kynar® Standard Colors Finish, Add	*861.77*	
08 91 19 00-0069	EA	36" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	1,977.53	124.27
		For Flange Frame, Add	*172.90*	
		For Clear Lacquer Finish, Add	*345.80*	
		For Baked Enamel Standard Colors, Add	*518.70*	
		For Anodized Finish, Add	*691.60*	
		For Kynar® Standard Colors Finish, Add	*950.94*	
08 91 19 00-0070	EA	36" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	2,114.94	134.08
		For Flange Frame, Add	*184.68*	
		For Clear Lacquer Finish, Add	*369.36*	
		For Baked Enamel Standard Colors, Add	*554.04*	
		For Anodized Finish, Add	*738.72*	
		For Kynar® Standard Colors Finish, Add	*1,015.73*	
08 91 19 00-0071	EA	36" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	2,333.44	143.89
		For Flange Frame, Add	*204.57*	
		For Clear Lacquer Finish, Add	*409.13*	
		For Baked Enamel Standard Colors, Add	*613.70*	
		For Anodized Finish, Add	*818.26*	
		For Kynar® Standard Colors Finish, Add	*1,125.11*	
08 91 19 00-0072	EA	36" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	2,477.19	153.70
		For Flange Frame, Add	*216.98*	
		For Clear Lacquer Finish, Add	*433.96*	
		For Baked Enamel Standard Colors, Add	*650.94*	
		For Anodized Finish, Add	*867.92*	
		For Kynar® Standard Colors Finish, Add	*1,193.38*	
08 91 19 00-0073	EA	36" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	2,633.40	160.24
		For Flange Frame, Add	*231.29*	
		For Clear Lacquer Finish, Add	*462.58*	
		For Baked Enamel Standard Colors, Add	*693.88*	
		For Anodized Finish, Add	*925.17*	
		For Kynar® Standard Colors Finish, Add	*1,272.11*	
08 91 19 00-0074	EA	36" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	2,795.95	166.78
		For Flange Frame, Add	*246.24*	
		For Clear Lacquer Finish, Add	*492.48*	
		For Baked Enamel Standard Colors, Add	*738.72*	
		For Anodized Finish, Add	*984.96*	
		For Kynar® Standard Colors Finish, Add	*1,354.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0075	EA	36" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	2,934.64	176.59
		Note: Includes bird screen.		
		For Flange Frame, Add	*258.15*	
		For Clear Lacquer Finish, Add	*516.29*	
		For Baked Enamel Standard Colors, Add	*774.44*	
		For Anodized Finish, Add	*1,032.58*	
		For Kynar® Standard Colors Finish, Add	*1,419.80*	
08 91 19 00-0076	EA	36" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	3,151.86	186.40
		Note: Includes bird screen.		
		For Flange Frame, Add	*277.91*	
		For Clear Lacquer Finish, Add	*555.81*	
		For Baked Enamel Standard Colors, Add	*833.72*	
		For Anodized Finish, Add	*1,111.62*	
		For Kynar® Standard Colors Finish, Add	*1,528.48*	
08 91 19 00-0077	EA	42" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	857.67	62.14
		Note: Includes bird screen.		
		For Flange Frame, Add	*73.34*	
		For Clear Lacquer Finish, Add	*146.68*	
		For Baked Enamel Standard Colors, Add	*220.02*	
		For Anodized Finish, Add	*293.36*	
		For Kynar® Standard Colors Finish, Add	*403.37*	
08 91 19 00-0078	EA	42" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	1,051.23	78.49
		Note: Includes bird screen.		
		For Flange Frame, Add	*89.43*	
		For Clear Lacquer Finish, Add	*178.85*	
		For Baked Enamel Standard Colors, Add	*268.28*	
		For Anodized Finish, Add	*357.70*	
		For Kynar® Standard Colors Finish, Add	*491.84*	
08 91 19 00-0079	EA	42" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	1,219.05	88.29
		Note: Includes bird screen.		
		For Flange Frame, Add	*104.25*	
		For Clear Lacquer Finish, Add	*208.49*	
		For Baked Enamel Standard Colors, Add	*312.74*	
		For Anodized Finish, Add	*416.98*	
		For Kynar® Standard Colors Finish, Add	*573.35*	
08 91 19 00-0080	EA	42" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	1,426.35	101.37
		Note: Includes bird screen.		
		For Flange Frame, Add	*122.36*	
		For Clear Lacquer Finish, Add	*244.72*	
		For Baked Enamel Standard Colors, Add	*367.08*	
		For Anodized Finish, Add	*489.44*	
		For Kynar® Standard Colors Finish, Add	*672.97*	
08 91 19 00-0081	EA	42" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	1,647.17	107.91
		Note: Includes bird screen.		
		For Flange Frame, Add	*143.13*	
		For Clear Lacquer Finish, Add	*286.27*	
		For Baked Enamel Standard Colors, Add	*429.40*	
		For Anodized Finish, Add	*572.53*	
		For Kynar® Standard Colors Finish, Add	*787.23*	
08 91 19 00-0082	EA	42" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	1,823.64	114.45
		Note: Includes bird screen.		
		For Flange Frame, Add	*159.47*	
		For Clear Lacquer Finish, Add	*318.94*	
		For Baked Enamel Standard Colors, Add	*478.42*	
		For Anodized Finish, Add	*637.89*	
		For Kynar® Standard Colors Finish, Add	*877.10*	
08 91 19 00-0083	EA	42" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	1,976.06	121.00
		Note: Includes bird screen.		
		For Flange Frame, Add	*173.41*	
		For Clear Lacquer Finish, Add	*346.81*	
		For Baked Enamel Standard Colors, Add	*520.22*	
		For Anodized Finish, Add	*693.62*	
		For Kynar® Standard Colors Finish, Add	*953.73*	
08 91 19 00-0084	EA	42" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	2,157.80	130.81
		Note: Includes bird screen.		
		For Flange Frame, Add	*189.62*	
		For Clear Lacquer Finish, Add	*379.24*	
		For Baked Enamel Standard Colors, Add	*568.86*	
		For Anodized Finish, Add	*758.48*	
		For Kynar® Standard Colors Finish, Add	*1,042.90*	
08 91 19 00-0085	EA	42" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	2,312.96	140.62
		Note: Includes bird screen.		
		For Flange Frame, Add	*203.17*	
		For Clear Lacquer Finish, Add	*406.34*	
		For Baked Enamel Standard Colors, Add	*609.52*	
		For Anodized Finish, Add	*812.69*	
		For Kynar® Standard Colors Finish, Add	*1,117.45*	
08 91 19 00-0086	EA	42" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	2,555.51	150.43
		Note: Includes bird screen.		
		For Flange Frame, Add	*225.47*	
		For Clear Lacquer Finish, Add	*450.93*	
		For Baked Enamel Standard Colors, Add	*676.40*	
		For Anodized Finish, Add	*901.86*	
		For Kynar® Standard Colors Finish, Add	*1,240.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0087	EA	42" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	2,710.67	160.24
		For Flange Frame, Add	*239.02*	
		For Clear Lacquer Finish, Add	*478.04*	
		For Baked Enamel Standard Colors, Add	*717.06*	
		For Anodized Finish, Add	*956.08*	
		For Kynar® Standard Colors Finish, Add	*1,314.60*	
08 91 19 00-0088	EA	42" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	2,887.15	166.78
		For Flange Frame, Add	*255.36*	
		For Clear Lacquer Finish, Add	*510.72*	
		For Baked Enamel Standard Colors, Add	*766.08*	
		For Anodized Finish, Add	*1,021.44*	
		For Kynar® Standard Colors Finish, Add	*1,404.47*	
08 91 19 00-0089	EA	42" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	3,064.89	173.32
		For Flange Frame, Add	*271.83*	
		For Clear Lacquer Finish, Add	*543.65*	
		For Baked Enamel Standard Colors, Add	*815.48*	
		For Anodized Finish, Add	*1,087.30*	
		For Kynar® Standard Colors Finish, Add	*1,495.04*	
08 91 19 00-0090	EA	42" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	3,228.92	183.13
		For Flange Frame, Add	*286.27*	
		For Clear Lacquer Finish, Add	*572.53*	
		For Baked Enamel Standard Colors, Add	*858.80*	
		For Anodized Finish, Add	*1,145.06*	
		For Kynar® Standard Colors Finish, Add	*1,574.46*	
08 91 19 00-0091	EA	42" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	3,462.61	192.94
		For Flange Frame, Add	*307.67*	
		For Clear Lacquer Finish, Add	*615.34*	
		For Baked Enamel Standard Colors, Add	*923.02*	
		For Anodized Finish, Add	*1,230.69*	
		For Kynar® Standard Colors Finish, Add	*1,692.20*	
08 91 19 00-0092	EA	48" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	937.88	68.68
		For Flange Frame, Add	*80.05*	
		For Clear Lacquer Finish, Add	*160.11*	
		For Baked Enamel Standard Colors, Add	*240.16*	
		For Anodized Finish, Add	*320.21*	
		For Kynar® Standard Colors Finish, Add	*440.29*	
08 91 19 00-0093	EA	48" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	1,149.18	85.02
		For Flange Frame, Add	*97.91*	
		For Clear Lacquer Finish, Add	*195.83*	
		For Baked Enamel Standard Colors, Add	*293.74*	
		For Anodized Finish, Add	*391.65*	
		For Kynar® Standard Colors Finish, Add	*538.52*	
08 91 19 00-0094	EA	48" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	1,346.35	98.10
		For Flange Frame, Add	*115.01*	
		For Clear Lacquer Finish, Add	*230.03*	
		For Baked Enamel Standard Colors, Add	*345.04*	
		For Anodized Finish, Add	*460.05*	
		For Kynar® Standard Colors Finish, Add	*632.57*	
08 91 19 00-0095	EA	48" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	1,550.90	107.91
		For Flange Frame, Add	*133.51*	
		For Clear Lacquer Finish, Add	*267.01*	
		For Baked Enamel Standard Colors, Add	*400.52*	
		For Anodized Finish, Add	*534.02*	
		For Kynar® Standard Colors Finish, Add	*734.28*	
08 91 19 00-0096	EA	48" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	1,803.38	114.45
		For Flange Frame, Add	*157.45*	
		For Clear Lacquer Finish, Add	*314.89*	
		For Baked Enamel Standard Colors, Add	*472.34*	
		For Anodized Finish, Add	*629.78*	
		For Kynar® Standard Colors Finish, Add	*865.95*	
08 91 19 00-0097	EA	48" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	2,007.72	121.00
		For Flange Frame, Add	*176.57*	
		For Clear Lacquer Finish, Add	*353.14*	
		For Baked Enamel Standard Colors, Add	*529.72*	
		For Anodized Finish, Add	*706.29*	
		For Kynar® Standard Colors Finish, Add	*971.15*	
08 91 19 00-0098	EA	48" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	2,175.53	130.81
		For Flange Frame, Add	*191.39*	
		For Clear Lacquer Finish, Add	*382.78*	
		For Baked Enamel Standard Colors, Add	*574.18*	
		For Anodized Finish, Add	*765.57*	
		For Kynar® Standard Colors Finish, Add	*1,052.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0099	EA	48" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	2,440.90	140.62
		For Flange Frame, Add	*215.97*	
		For Clear Lacquer Finish, Add	*431.93*	
		For Baked Enamel Standard Colors, Add	*647.90*	
		For Anodized Finish, Add	*863.86*	
		For Kynar® Standard Colors Finish, Add	*1,187.81*	
08 91 19 00-0100	EA	48" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	2,555.51	150.43
		For Flange Frame, Add	*225.47*	
		For Clear Lacquer Finish, Add	*450.93*	
		For Baked Enamel Standard Colors, Add	*676.40*	
		For Anodized Finish, Add	*901.86*	
		For Kynar® Standard Colors Finish, Add	*1,240.06*	
08 91 19 00-0101	EA	48" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	2,814.53	160.24
		For Flange Frame, Add	*249.41*	
		For Clear Lacquer Finish, Add	*498.81*	
		For Baked Enamel Standard Colors, Add	*748.22*	
		For Anodized Finish, Add	*997.62*	
		For Kynar® Standard Colors Finish, Add	*1,371.73*	
08 91 19 00-0102	EA	48" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	2,993.75	170.05
		For Flange Frame, Add	*265.37*	
		For Clear Lacquer Finish, Add	*530.73*	
		For Baked Enamel Standard Colors, Add	*796.10*	
		For Anodized Finish, Add	*1,061.46*	
		For Kynar® Standard Colors Finish, Add	*1,459.51*	
08 91 19 00-0103	EA	48" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	3,190.51	176.59
		For Flange Frame, Add	*283.73*	
		For Clear Lacquer Finish, Add	*567.46*	
		For Baked Enamel Standard Colors, Add	*851.20*	
		For Anodized Finish, Add	*1,134.93*	
		For Kynar® Standard Colors Finish, Add	*1,560.53*	
08 91 19 00-0104	EA	48" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	3,387.25	183.13
		For Flange Frame, Add	*302.10*	
		For Clear Lacquer Finish, Add	*604.20*	
		For Baked Enamel Standard Colors, Add	*906.29*	
		For Anodized Finish, Add	*1,208.39*	
		For Kynar® Standard Colors Finish, Add	*1,661.54*	
08 91 19 00-0105	EA	48" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	3,551.07	189.67
		For Flange Frame, Add	*317.17*	
		For Clear Lacquer Finish, Add	*634.34*	
		For Baked Enamel Standard Colors, Add	*951.52*	
		For Anodized Finish, Add	*1,268.69*	
		For Kynar® Standard Colors Finish, Add	*1,744.45*	
08 91 19 00-0106	EA	48" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	3,820.22	199.49
		For Flange Frame, Add	*342.13*	
		For Clear Lacquer Finish, Add	*684.25*	
		For Baked Enamel Standard Colors, Add	*1,026.38*	
		For Anodized Finish, Add	*1,368.50*	
		For Kynar® Standard Colors Finish, Add	*1,881.69*	
08 91 19 00-0107	EA	54" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	1,038.57	78.49
		For Flange Frame, Add	*88.16*	
		For Clear Lacquer Finish, Add	*176.32*	
		For Baked Enamel Standard Colors, Add	*264.48*	
		For Anodized Finish, Add	*352.64*	
		For Kynar® Standard Colors Finish, Add	*484.88*	
08 91 19 00-0108	EA	54" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	1,275.20	94.83
		For Flange Frame, Add	*108.55*	
		For Clear Lacquer Finish, Add	*217.11*	
		For Baked Enamel Standard Colors, Add	*325.66*	
		For Anodized Finish, Add	*434.21*	
		For Kynar® Standard Colors Finish, Add	*597.04*	
08 91 19 00-0109	EA	54" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	1,492.84	111.18
		For Flange Frame, Add	*127.05*	
		For Clear Lacquer Finish, Add	*254.09*	
		For Baked Enamel Standard Colors, Add	*381.14*	
		For Anodized Finish, Add	*508.18*	
		For Kynar® Standard Colors Finish, Add	*698.75*	
08 91 19 00-0110	EA	54" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	1,712.39	117.73
		For Flange Frame, Add	*147.69*	
		For Clear Lacquer Finish, Add	*295.39*	
		For Baked Enamel Standard Colors, Add	*443.08*	
		For Anodized Finish, Add	*590.77*	
		For Kynar® Standard Colors Finish, Add	*812.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0111	EA	54" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	2,014.26	124.27
		Note: Includes bird screen.		
		For Flange Frame, Add	*176.57*	
		For Clear Lacquer Finish, Add	*353.14*	
		For Baked Enamel Standard Colors, Add	*529.72*	
		For Anodized Finish, Add	*706.29*	
		For Kynar® Standard Colors Finish, Add	*971.15*	
08 91 19 00-0112	EA	54" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	2,223.67	130.81
		Note: Includes bird screen.		
		For Flange Frame, Add	*196.21*	
		For Clear Lacquer Finish, Add	*392.41*	
		For Baked Enamel Standard Colors, Add	*588.62*	
		For Anodized Finish, Add	*784.82*	
		For Kynar® Standard Colors Finish, Add	*1,079.13*	
08 91 19 00-0113	EA	54" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	2,420.63	140.62
		Note: Includes bird screen.		
		For Flange Frame, Add	*213.94*	
		For Clear Lacquer Finish, Add	*427.88*	
		For Baked Enamel Standard Colors, Add	*641.82*	
		For Anodized Finish, Add	*855.76*	
		For Kynar® Standard Colors Finish, Add	*1,176.66*	
08 91 19 00-0114	EA	54" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	2,710.05	150.43
		Note: Includes bird screen.		
		For Flange Frame, Add	*240.92*	
		For Clear Lacquer Finish, Add	*481.84*	
		For Baked Enamel Standard Colors, Add	*722.76*	
		For Anodized Finish, Add	*963.68*	
		For Kynar® Standard Colors Finish, Add	*1,325.05*	
08 91 19 00-0115	EA	54" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	2,913.33	160.24
		Note: Includes bird screen.		
		For Flange Frame, Add	*259.29*	
		For Clear Lacquer Finish, Add	*518.57*	
		For Baked Enamel Standard Colors, Add	*777.86*	
		For Anodized Finish, Add	*1,037.14*	
		For Kynar® Standard Colors Finish, Add	*1,426.07*	
08 91 19 00-0116	EA	54" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	3,216.68	170.05
		Note: Includes bird screen.		
		For Flange Frame, Add	*287.66*	
		For Clear Lacquer Finish, Add	*575.32*	
		For Baked Enamel Standard Colors, Add	*862.97*	
		For Anodized Finish, Add	*1,150.63*	
		For Kynar® Standard Colors Finish, Add	*1,582.12*	
08 91 19 00-0117	EA	54" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	3,412.17	176.59
		Note: Includes bird screen.		
		For Flange Frame, Add	*305.90*	
		For Clear Lacquer Finish, Add	*611.80*	
		For Baked Enamel Standard Colors, Add	*917.69*	
		For Anodized Finish, Add	*1,223.59*	
		For Kynar® Standard Colors Finish, Add	*1,682.44*	
08 91 19 00-0118	EA	54" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	3,635.52	183.13
		Note: Includes bird screen.		
		For Flange Frame, Add	*326.93*	
		For Clear Lacquer Finish, Add	*653.85*	
		For Baked Enamel Standard Colors, Add	*980.78*	
		For Anodized Finish, Add	*1,307.70*	
		For Kynar® Standard Colors Finish, Add	*1,798.09*	
08 91 19 00-0119	EA	54" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	3,850.00	189.67
		Note: Includes bird screen.		
		For Flange Frame, Add	*347.07*	
		For Clear Lacquer Finish, Add	*694.13*	
		For Baked Enamel Standard Colors, Add	*1,041.20*	
		For Anodized Finish, Add	*1,388.26*	
		For Kynar® Standard Colors Finish, Add	*1,908.86*	
08 91 19 00-0120	EA	54" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	4,027.74	196.22
		Note: Includes bird screen.		
		For Flange Frame, Add	*363.53*	
		For Clear Lacquer Finish, Add	*727.06*	
		For Baked Enamel Standard Colors, Add	*1,090.59*	
		For Anodized Finish, Add	*1,454.12*	
		For Kynar® Standard Colors Finish, Add	*1,999.42*	
08 91 19 00-0121	EA	54" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	4,341.23	206.03
		Note: Includes bird screen.		
		For Flange Frame, Add	*392.92*	
		For Clear Lacquer Finish, Add	*785.84*	
		For Baked Enamel Standard Colors, Add	*1,178.75*	
		For Anodized Finish, Add	*1,571.67*	
		For Kynar® Standard Colors Finish, Add	*2,161.05*	
08 91 19 00-0122	EA	60" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	1,116.25	85.02
		Note: Includes bird screen.		
		For Flange Frame, Add	*94.62*	
		For Clear Lacquer Finish, Add	*189.24*	
		For Baked Enamel Standard Colors, Add	*283.86*	
		For Anodized Finish, Add	*378.48*	
		For Kynar® Standard Colors Finish, Add	*520.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0123	EA	60" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	1,377.16	104.64
		Note: Includes bird screen.		
		For Flange Frame, Add	*116.79*	
		For Clear Lacquer Finish, Add	*233.57*	
		For Baked Enamel Standard Colors, Add	*350.36*	
		For Anodized Finish, Add	*467.14*	
		For Kynar® Standard Colors Finish, Add	*642.32*	
08 91 19 00-0124	EA	60" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	1,600.92	117.73
		Note: Includes bird screen.		
		For Flange Frame, Add	*136.55*	
		For Clear Lacquer Finish, Add	*273.09*	
		For Baked Enamel Standard Colors, Add	*409.64*	
		For Anodized Finish, Add	*546.18*	
		For Kynar® Standard Colors Finish, Add	*751.00*	
08 91 19 00-0125	EA	60" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	1,854.66	124.27
		Note: Includes bird screen.		
		For Flange Frame, Add	*160.61*	
		For Clear Lacquer Finish, Add	*321.22*	
		For Baked Enamel Standard Colors, Add	*481.84*	
		For Anodized Finish, Add	*642.45*	
		For Kynar® Standard Colors Finish, Add	*883.37*	
08 91 19 00-0126	EA	60" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	2,169.41	134.08
		Note: Includes bird screen.		
		For Flange Frame, Add	*190.13*	
		For Clear Lacquer Finish, Add	*380.25*	
		For Baked Enamel Standard Colors, Add	*570.38*	
		For Anodized Finish, Add	*760.50*	
		For Kynar® Standard Colors Finish, Add	*1,045.69*	
08 91 19 00-0127	EA	60" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	2,404.16	140.62
		Note: Includes bird screen.		
		For Flange Frame, Add	*212.29*	
		For Clear Lacquer Finish, Add	*424.58*	
		For Baked Enamel Standard Colors, Add	*636.88*	
		For Anodized Finish, Add	*849.17*	
		For Kynar® Standard Colors Finish, Add	*1,167.61*	
08 91 19 00-0128	EA	60" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	2,609.98	150.43
		Note: Includes bird screen.		
		For Flange Frame, Add	*230.91*	
		For Clear Lacquer Finish, Add	*461.82*	
		For Baked Enamel Standard Colors, Add	*692.74*	
		For Anodized Finish, Add	*923.65*	
		For Kynar® Standard Colors Finish, Add	*1,270.02*	
08 91 19 00-0129	EA	60" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	2,919.67	160.24
		Note: Includes bird screen.		
		For Flange Frame, Add	*259.92*	
		For Clear Lacquer Finish, Add	*519.84*	
		For Baked Enamel Standard Colors, Add	*779.76*	
		For Anodized Finish, Add	*1,039.68*	
		For Kynar® Standard Colors Finish, Add	*1,429.55*	
08 91 19 00-0130	EA	60" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	3,138.15	170.05
		Note: Includes bird screen.		
		For Flange Frame, Add	*279.81*	
		For Clear Lacquer Finish, Add	*559.61*	
		For Baked Enamel Standard Colors, Add	*839.42*	
		For Anodized Finish, Add	*1,119.22*	
		For Kynar® Standard Colors Finish, Add	*1,538.93*	
08 91 19 00-0131	EA	60" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	3,466.85	179.86
		Note: Includes bird screen.		
		For Flange Frame, Add	*310.71*	
		For Clear Lacquer Finish, Add	*621.42*	
		For Baked Enamel Standard Colors, Add	*932.14*	
		For Anodized Finish, Add	*1,242.85*	
		For Kynar® Standard Colors Finish, Add	*1,708.92*	
08 91 19 00-0132	EA	60" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	3,674.99	186.40
		Note: Includes bird screen.		
		For Flange Frame, Add	*330.22*	
		For Clear Lacquer Finish, Add	*660.44*	
		For Baked Enamel Standard Colors, Add	*990.65*	
		For Anodized Finish, Add	*1,320.87*	
		For Kynar® Standard Colors Finish, Add	*1,816.20*	
08 91 19 00-0133	EA	60" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	3,912.27	192.94
		Note: Includes bird screen.		
		For Flange Frame, Add	*352.64*	
		For Clear Lacquer Finish, Add	*705.28*	
		For Baked Enamel Standard Colors, Add	*1,057.91*	
		For Anodized Finish, Add	*1,410.55*	
		For Kynar® Standard Colors Finish, Add	*1,939.51*	
08 91 19 00-0134	EA	60" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	4,144.48	199.49
		Note: Includes bird screen.		
		For Flange Frame, Add	*374.55*	
		For Clear Lacquer Finish, Add	*749.10*	
		For Baked Enamel Standard Colors, Add	*1,123.65*	
		For Anodized Finish, Add	*1,498.20*	
		For Kynar® Standard Colors Finish, Add	*2,060.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0135	EA	60" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	4,341.23	206.03
		Note: Includes bird screen.		
		For Flange Frame, Add	*392.92*	
		For Clear Lacquer Finish, Add	*785.84*	
		For Baked Enamel Standard Colors, Add	*1,178.75*	
		For Anodized Finish, Add	*1,571.67*	
		For Kynar® Standard Colors Finish, Add	*2,161.05*	
08 91 19 00-0136	EA	60" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	4,669.70	212.57
		Note: Includes bird screen.		
		For Flange Frame, Add	*424.46*	
		For Clear Lacquer Finish, Add	*848.92*	
		For Baked Enamel Standard Colors, Add	*1,273.37*	
		For Anodized Finish, Add	*1,697.83*	
		For Kynar® Standard Colors Finish, Add	*2,334.52*	
08 91 19 00-0137	EA	66" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	1,287.66	91.56
		Note: Includes bird screen.		
		For Flange Frame, Add	*110.45*	
		For Clear Lacquer Finish, Add	*220.91*	
		For Baked Enamel Standard Colors, Add	*331.36*	
		For Anodized Finish, Add	*441.81*	
		For Kynar® Standard Colors Finish, Add	*607.49*	
08 91 19 00-0138	EA	66" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	1,592.91	111.18
		Note: Includes bird screen.		
		For Flange Frame, Add	*137.05*	
		For Clear Lacquer Finish, Add	*274.11*	
		For Baked Enamel Standard Colors, Add	*411.16*	
		For Anodized Finish, Add	*548.21*	
		For Kynar® Standard Colors Finish, Add	*753.79*	
08 91 19 00-0139	EA	66" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	1,856.33	130.81
		Note: Includes bird screen.		
		For Flange Frame, Add	*159.47*	
		For Clear Lacquer Finish, Add	*318.94*	
		For Baked Enamel Standard Colors, Add	*478.42*	
		For Anodized Finish, Add	*637.89*	
		For Kynar® Standard Colors Finish, Add	*877.10*	
08 91 19 00-0140	EA	66" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	2,132.89	137.35
		Note: Includes bird screen.		
		For Flange Frame, Add	*185.82*	
		For Clear Lacquer Finish, Add	*371.64*	
		For Baked Enamel Standard Colors, Add	*557.46*	
		For Anodized Finish, Add	*743.28*	
		For Kynar® Standard Colors Finish, Add	*1,022.00*	
08 91 19 00-0141	EA	66" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	2,500.64	143.89
		Note: Includes bird screen.		
		For Flange Frame, Add	*221.29*	
		For Clear Lacquer Finish, Add	*442.57*	
		For Baked Enamel Standard Colors, Add	*663.86*	
		For Anodized Finish, Add	*885.14*	
		For Kynar® Standard Colors Finish, Add	*1,217.07*	
08 91 19 00-0142	EA	66" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	2,756.91	150.43
		Note: Includes bird screen.		
		For Flange Frame, Add	*245.61*	
		For Clear Lacquer Finish, Add	*491.21*	
		For Baked Enamel Standard Colors, Add	*736.82*	
		For Anodized Finish, Add	*982.42*	
		For Kynar® Standard Colors Finish, Add	*1,350.83*	
08 91 19 00-0143	EA	66" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	3,003.27	160.24
		Note: Includes bird screen.		
		For Flange Frame, Add	*268.28*	
		For Clear Lacquer Finish, Add	*536.56*	
		For Baked Enamel Standard Colors, Add	*804.84*	
		For Anodized Finish, Add	*1,073.12*	
		For Kynar® Standard Colors Finish, Add	*1,475.53*	
08 91 19 00-0144	EA	66" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	3,292.68	170.05
		Note: Includes bird screen.		
		For Flange Frame, Add	*295.26*	
		For Clear Lacquer Finish, Add	*590.52*	
		For Baked Enamel Standard Colors, Add	*885.77*	
		For Anodized Finish, Add	*1,181.03*	
		For Kynar® Standard Colors Finish, Add	*1,623.92*	
08 91 19 00-0145	EA	66" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	3,537.78	179.86
		Note: Includes bird screen.		
		For Flange Frame, Add	*317.81*	
		For Clear Lacquer Finish, Add	*635.61*	
		For Baked Enamel Standard Colors, Add	*953.42*	
		For Anodized Finish, Add	*1,271.22*	
		For Kynar® Standard Colors Finish, Add	*1,747.93*	
08 91 19 00-0146	EA	66" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	3,914.80	192.94
		Note: Includes bird screen.		
		For Flange Frame, Add	*352.89*	
		For Clear Lacquer Finish, Add	*705.78*	
		For Baked Enamel Standard Colors, Add	*1,058.67*	
		For Anodized Finish, Add	*1,411.56*	
		For Kynar® Standard Colors Finish, Add	*1,940.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0147	EA	66" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	4,151.02	202.76
		Note: Includes bird screen.		
		For Flange Frame, Add	*374.55*	
		For Clear Lacquer Finish, Add	*749.10*	
		For Baked Enamel Standard Colors, Add	*1,123.65*	
		For Anodized Finish, Add	*1,498.20*	
		For Kynar® Standard Colors Finish, Add	*2,060.03*	
08 91 19 00-0148	EA	66" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	4,402.23	209.30
		Note: Includes bird screen.		
		For Flange Frame, Add	*398.37*	
		For Clear Lacquer Finish, Add	*796.73*	
		For Baked Enamel Standard Colors, Add	*1,195.10*	
		For Anodized Finish, Add	*1,593.46*	
		For Kynar® Standard Colors Finish, Add	*2,191.01*	
08 91 19 00-0149	EA	66" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	4,658.51	215.84
		Note: Includes bird screen.		
		For Flange Frame, Add	*422.68*	
		For Clear Lacquer Finish, Add	*845.37*	
		For Baked Enamel Standard Colors, Add	*1,268.05*	
		For Anodized Finish, Add	*1,690.74*	
		For Kynar® Standard Colors Finish, Add	*2,324.76*	
08 91 19 00-0150	EA	66" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	4,880.59	222.38
		Note: Includes bird screen.		
		For Flange Frame, Add	*443.58*	
		For Clear Lacquer Finish, Add	*887.17*	
		For Baked Enamel Standard Colors, Add	*1,330.75*	
		For Anodized Finish, Add	*1,774.34*	
		For Kynar® Standard Colors Finish, Add	*2,439.71*	
08 91 19 00-0151	EA	66" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	5,247.07	228.92
		Note: Includes bird screen.		
		For Flange Frame, Add	*478.92*	
		For Clear Lacquer Finish, Add	*957.85*	
		For Baked Enamel Standard Colors, Add	*1,436.77*	
		For Anodized Finish, Add	*1,915.70*	
		For Kynar® Standard Colors Finish, Add	*2,634.08*	
08 91 19 00-0152	EA	72" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	1,359.01	98.10
		Note: Includes bird screen.		
		For Flange Frame, Add	*116.28*	
		For Clear Lacquer Finish, Add	*232.56*	
		For Baked Enamel Standard Colors, Add	*348.84*	
		For Anodized Finish, Add	*465.12*	
		For Kynar® Standard Colors Finish, Add	*639.53*	
08 91 19 00-0153	EA	72" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	1,679.45	117.73
		Note: Includes bird screen.		
		For Flange Frame, Add	*144.40*	
		For Clear Lacquer Finish, Add	*288.80*	
		For Baked Enamel Standard Colors, Add	*433.20*	
		For Anodized Finish, Add	*577.60*	
		For Kynar® Standard Colors Finish, Add	*794.19*	
08 91 19 00-0154	EA	72" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	1,956.82	137.35
		Note: Includes bird screen.		
		For Flange Frame, Add	*168.21*	
		For Clear Lacquer Finish, Add	*336.42*	
		For Baked Enamel Standard Colors, Add	*504.64*	
		For Anodized Finish, Add	*672.85*	
		For Kynar® Standard Colors Finish, Add	*925.17*	
08 91 19 00-0155	EA	72" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	2,256.38	147.16
		Note: Includes bird screen.		
		For Flange Frame, Add	*196.21*	
		For Clear Lacquer Finish, Add	*392.41*	
		For Baked Enamel Standard Colors, Add	*588.62*	
		For Anodized Finish, Add	*784.82*	
		For Kynar® Standard Colors Finish, Add	*1,079.13*	
08 91 19 00-0156	EA	72" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	2,650.72	153.70
		Note: Includes bird screen.		
		For Flange Frame, Add	*234.33*	
		For Clear Lacquer Finish, Add	*468.66*	
		For Baked Enamel Standard Colors, Add	*703.00*	
		For Anodized Finish, Add	*937.33*	
		For Kynar® Standard Colors Finish, Add	*1,288.83*	
08 91 19 00-0157	EA	72" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	2,920.93	160.24
		Note: Includes bird screen.		
		For Flange Frame, Add	*260.05*	
		For Clear Lacquer Finish, Add	*520.09*	
		For Baked Enamel Standard Colors, Add	*780.14*	
		For Anodized Finish, Add	*1,040.18*	
		For Kynar® Standard Colors Finish, Add	*1,430.25*	
08 91 19 00-0158	EA	72" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	3,183.75	170.05
		Note: Includes bird screen.		
		For Flange Frame, Add	*284.37*	
		For Clear Lacquer Finish, Add	*568.73*	
		For Baked Enamel Standard Colors, Add	*853.10*	
		For Anodized Finish, Add	*1,137.46*	
		For Kynar® Standard Colors Finish, Add	*1,564.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0159	EA	72" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	3,483.11	176.59
		For Flange Frame, Add	*312.99*	
		For Clear Lacquer Finish, Add	*625.98*	
		For Baked Enamel Standard Colors, Add	*938.98*	
		For Anodized Finish, Add	*1,251.97*	
		For Kynar® Standard Colors Finish, Add	*1,721.46*	
08 91 19 00-0160	EA	72" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	3,739.59	186.40
		For Flange Frame, Add	*336.68*	
		For Clear Lacquer Finish, Add	*673.36*	
		For Baked Enamel Standard Colors, Add	*1,010.03*	
		For Anodized Finish, Add	*1,346.71*	
		For Kynar® Standard Colors Finish, Add	*1,851.73*	
08 91 19 00-0161	EA	72" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	4,151.02	202.76
		For Flange Frame, Add	*374.55*	
		For Clear Lacquer Finish, Add	*749.10*	
		For Baked Enamel Standard Colors, Add	*1,123.65*	
		For Anodized Finish, Add	*1,498.20*	
		For Kynar® Standard Colors Finish, Add	*2,060.03*	
08 91 19 00-0162	EA	72" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	4,411.30	212.57
		For Flange Frame, Add	*398.62*	
		For Clear Lacquer Finish, Add	*797.24*	
		For Baked Enamel Standard Colors, Add	*1,195.85*	
		For Anodized Finish, Add	*1,594.47*	
		For Kynar® Standard Colors Finish, Add	*2,192.40*	
08 91 19 00-0163	EA	72" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	4,670.12	219.11
		For Flange Frame, Add	*423.19*	
		For Clear Lacquer Finish, Add	*846.38*	
		For Baked Enamel Standard Colors, Add	*1,269.57*	
		For Anodized Finish, Add	*1,692.76*	
		For Kynar® Standard Colors Finish, Add	*2,327.55*	
08 91 19 00-0164	EA	72" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	4,932.73	225.65
		For Flange Frame, Add	*448.14*	
		For Clear Lacquer Finish, Add	*896.29*	
		For Baked Enamel Standard Colors, Add	*1,344.43*	
		For Anodized Finish, Add	*1,792.58*	
		For Kynar® Standard Colors Finish, Add	*2,464.79*	
08 91 19 00-0165	EA	72" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	5,178.88	232.19
		For Flange Frame, Add	*471.45*	
		For Clear Lacquer Finish, Add	*942.90*	
		For Baked Enamel Standard Colors, Add	*1,414.35*	
		For Anodized Finish, Add	*1,885.80*	
		For Kynar® Standard Colors Finish, Add	*2,592.98*	
08 91 19 00-0166	EA	72" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	5,569.42	238.73
		For Flange Frame, Add	*509.20*	
		For Clear Lacquer Finish, Add	*1,018.39*	
		For Baked Enamel Standard Colors, Add	*1,527.59*	
		For Anodized Finish, Add	*2,036.79*	
		For Kynar® Standard Colors Finish, Add	*2,800.58*	
08 91 19 00-0167	EA	78" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	1,445.56	104.64
		For Flange Frame, Add	*123.63*	
		For Clear Lacquer Finish, Add	*247.25*	
		For Baked Enamel Standard Colors, Add	*370.88*	
		For Anodized Finish, Add	*494.50*	
		For Kynar® Standard Colors Finish, Add	*679.94*	
08 91 19 00-0168	EA	78" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	1,774.87	124.27
		For Flange Frame, Add	*152.63*	
		For Clear Lacquer Finish, Add	*305.27*	
		For Baked Enamel Standard Colors, Add	*457.90*	
		For Anodized Finish, Add	*610.53*	
		For Kynar® Standard Colors Finish, Add	*839.48*	
08 91 19 00-0169	EA	78" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	2,058.57	143.89
		For Flange Frame, Add	*177.08*	
		For Clear Lacquer Finish, Add	*354.16*	
		For Baked Enamel Standard Colors, Add	*531.24*	
		For Anodized Finish, Add	*708.32*	
		For Kynar® Standard Colors Finish, Add	*973.93*	
08 91 19 00-0170	EA	78" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	2,378.39	153.70
		For Flange Frame, Add	*207.10*	
		For Clear Lacquer Finish, Add	*414.20*	
		For Baked Enamel Standard Colors, Add	*621.30*	
		For Anodized Finish, Add	*828.40*	
		For Kynar® Standard Colors Finish, Add	*1,139.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0171	EA	78" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	2,795.53	160.24
		For Flange Frame, Add	*247.51*	
		For Clear Lacquer Finish, Add	*495.01*	
		For Baked Enamel Standard Colors, Add	*742.52*	
		For Anodized Finish, Add	*990.02*	
		For Kynar® Standard Colors Finish, Add	*1,361.28*	
08 91 19 00-0172	EA	78" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	3,077.15	166.78
		For Flange Frame, Add	*274.36*	
		For Clear Lacquer Finish, Add	*548.72*	
		For Baked Enamel Standard Colors, Add	*823.08*	
		For Anodized Finish, Add	*1,097.44*	
		For Kynar® Standard Colors Finish, Add	*1,508.97*	
08 91 19 00-0173	EA	78" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	3,358.97	176.59
		For Flange Frame, Add	*300.58*	
		For Clear Lacquer Finish, Add	*601.16*	
		For Baked Enamel Standard Colors, Add	*901.73*	
		For Anodized Finish, Add	*1,202.31*	
		For Kynar® Standard Colors Finish, Add	*1,653.18*	
08 91 19 00-0174	EA	78" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	3,676.05	183.13
		For Flange Frame, Add	*330.98*	
		For Clear Lacquer Finish, Add	*661.96*	
		For Baked Enamel Standard Colors, Add	*992.93*	
		For Anodized Finish, Add	*1,323.91*	
		For Kynar® Standard Colors Finish, Add	*1,820.38*	
08 91 19 00-0175	EA	78" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	3,951.54	192.94
		For Flange Frame, Add	*356.57*	
		For Clear Lacquer Finish, Add	*713.13*	
		For Baked Enamel Standard Colors, Add	*1,069.70*	
		For Anodized Finish, Add	*1,426.26*	
		For Kynar® Standard Colors Finish, Add	*1,961.11*	
08 91 19 00-0176	EA	78" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	4,389.56	209.30
		For Flange Frame, Add	*397.10*	
		For Clear Lacquer Finish, Add	*794.20*	
		For Baked Enamel Standard Colors, Add	*1,191.29*	
		For Anodized Finish, Add	*1,588.39*	
		For Kynar® Standard Colors Finish, Add	*2,184.04*	
08 91 19 00-0177	EA	78" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	4,662.52	219.11
		For Flange Frame, Add	*422.43*	
		For Clear Lacquer Finish, Add	*844.86*	
		For Baked Enamel Standard Colors, Add	*1,267.29*	
		For Anodized Finish, Add	*1,689.72*	
		For Kynar® Standard Colors Finish, Add	*2,323.37*	
08 91 19 00-0178	EA	78" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	4,948.14	228.92
		For Flange Frame, Add	*449.03*	
		For Clear Lacquer Finish, Add	*898.06*	
		For Baked Enamel Standard Colors, Add	*1,347.09*	
		For Anodized Finish, Add	*1,796.12*	
		For Kynar® Standard Colors Finish, Add	*2,469.67*	
08 91 19 00-0179	EA	78" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	5,210.75	235.46
		For Flange Frame, Add	*473.98*	
		For Clear Lacquer Finish, Add	*947.97*	
		For Baked Enamel Standard Colors, Add	*1,421.95*	
		For Anodized Finish, Add	*1,895.94*	
		For Kynar® Standard Colors Finish, Add	*2,606.91*	
08 91 19 00-0180	EA	78" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	5,473.36	242.00
		For Flange Frame, Add	*498.94*	
		For Clear Lacquer Finish, Add	*997.87*	
		For Baked Enamel Standard Colors, Add	*1,496.81*	
		For Anodized Finish, Add	*1,995.75*	
		For Kynar® Standard Colors Finish, Add	*2,744.15*	
08 91 19 00-0181	EA	78" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	5,889.24	248.54
		For Flange Frame, Add	*539.22*	
		For Clear Lacquer Finish, Add	*1,078.43*	
		For Baked Enamel Standard Colors, Add	*1,617.65*	
		For Anodized Finish, Add	*2,156.87*	
		For Kynar® Standard Colors Finish, Add	*2,965.69*	
08 91 19 00-0182	EA	84" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	1,515.64	111.18
		For Flange Frame, Add	*129.33*	
		For Clear Lacquer Finish, Add	*258.65*	
		For Baked Enamel Standard Colors, Add	*387.98*	
		For Anodized Finish, Add	*517.30*	
		For Kynar® Standard Colors Finish, Add	*711.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0183	EA	84" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	1,858.87	130.81
		Note: Includes bird screen.		
		For Flange Frame, Add	*159.73*	
		For Clear Lacquer Finish, Add	*319.45*	
		For Baked Enamel Standard Colors, Add	*479.18*	
		For Anodized Finish, Add	*638.90*	
		For Kynar® Standard Colors Finish, Add	*878.49*	
08 91 19 00-0184	EA	84" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	2,172.98	150.43
		Note: Includes bird screen.		
		For Flange Frame, Add	*187.21*	
		For Clear Lacquer Finish, Add	*374.42*	
		For Baked Enamel Standard Colors, Add	*561.64*	
		For Anodized Finish, Add	*748.85*	
		For Kynar® Standard Colors Finish, Add	*1,029.67*	
08 91 19 00-0185	EA	84" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	2,502.94	160.24
		Note: Includes bird screen.		
		For Flange Frame, Add	*218.25*	
		For Clear Lacquer Finish, Add	*436.49*	
		For Baked Enamel Standard Colors, Add	*654.74*	
		For Anodized Finish, Add	*872.98*	
		For Kynar® Standard Colors Finish, Add	*1,200.35*	
08 91 19 00-0186	EA	84" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	2,946.68	166.78
		Note: Includes bird screen.		
		For Flange Frame, Add	*261.31*	
		For Clear Lacquer Finish, Add	*522.62*	
		For Baked Enamel Standard Colors, Add	*783.94*	
		For Anodized Finish, Add	*1,045.25*	
		For Kynar® Standard Colors Finish, Add	*1,437.22*	
08 91 19 00-0187	EA	84" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	3,244.76	173.32
		Note: Includes bird screen.		
		For Flange Frame, Add	*289.81*	
		For Clear Lacquer Finish, Add	*579.62*	
		For Baked Enamel Standard Colors, Add	*869.44*	
		For Anodized Finish, Add	*1,159.25*	
		For Kynar® Standard Colors Finish, Add	*1,593.97*	
08 91 19 00-0188	EA	84" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	3,532.92	183.13
		Note: Includes bird screen.		
		For Flange Frame, Add	*316.67*	
		For Clear Lacquer Finish, Add	*633.33*	
		For Baked Enamel Standard Colors, Add	*950.00*	
		For Anodized Finish, Add	*1,266.66*	
		For Kynar® Standard Colors Finish, Add	*1,741.66*	
08 91 19 00-0189	EA	84" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	3,875.33	189.67
		Note: Includes bird screen.		
		For Flange Frame, Add	*349.60*	
		For Clear Lacquer Finish, Add	*699.20*	
		For Baked Enamel Standard Colors, Add	*1,048.79*	
		For Anodized Finish, Add	*1,398.39*	
		For Kynar® Standard Colors Finish, Add	*1,922.79*	
08 91 19 00-0190	EA	84" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	4,164.75	199.49
		Note: Includes bird screen.		
		For Flange Frame, Add	*376.58*	
		For Clear Lacquer Finish, Add	*753.16*	
		For Baked Enamel Standard Colors, Add	*1,129.73*	
		For Anodized Finish, Add	*1,506.31*	
		For Kynar® Standard Colors Finish, Add	*2,071.18*	
08 91 19 00-0191	EA	84" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	4,629.38	215.84
		Note: Includes bird screen.		
		For Flange Frame, Add	*419.77*	
		For Clear Lacquer Finish, Add	*839.54*	
		For Baked Enamel Standard Colors, Add	*1,259.31*	
		For Anodized Finish, Add	*1,679.08*	
		For Kynar® Standard Colors Finish, Add	*2,308.74*	
08 91 19 00-0192	EA	84" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	4,912.47	225.65
		Note: Includes bird screen.		
		For Flange Frame, Add	*446.12*	
		For Clear Lacquer Finish, Add	*892.24*	
		For Baked Enamel Standard Colors, Add	*1,338.35*	
		For Anodized Finish, Add	*1,784.47*	
		For Kynar® Standard Colors Finish, Add	*2,453.65*	
08 91 19 00-0193	EA	84" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	5,223.42	235.46
		Note: Includes bird screen.		
		For Flange Frame, Add	*475.25*	
		For Clear Lacquer Finish, Add	*950.50*	
		For Baked Enamel Standard Colors, Add	*1,425.75*	
		For Anodized Finish, Add	*1,901.00*	
		For Kynar® Standard Colors Finish, Add	*2,613.88*	
08 91 19 00-0194	EA	84" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	5,556.96	242.00
		Note: Includes bird screen.		
		For Flange Frame, Add	*507.30*	
		For Clear Lacquer Finish, Add	*1,014.59*	
		For Baked Enamel Standard Colors, Add	*1,521.89*	
		For Anodized Finish, Add	*2,029.19*	
		For Kynar® Standard Colors Finish, Add	*2,790.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0195	EA	84" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	5,857.58	248.54
		Note: Includes bird screen.		
		For Flange Frame, Add	*536.05*	
		For Clear Lacquer Finish, Add	*1,072.10*	
		For Baked Enamel Standard Colors, Add	*1,608.15*	
		For Anodized Finish, Add	*2,144.20*	
		For Kynar® Standard Colors Finish, Add	*2,948.28*	
08 91 19 00-0196	EA	84" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	6,305.13	255.07
		Note: Includes bird screen.		
		For Flange Frame, Add	*579.50*	
		For Clear Lacquer Finish, Add	*1,158.99*	
		For Baked Enamel Standard Colors, Add	*1,738.49*	
		For Anodized Finish, Add	*2,317.99*	
		For Kynar® Standard Colors Finish, Add	*3,187.23*	
08 91 19 00-0197	EA	90" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	1,607.46	121.00
		Note: Includes bird screen.		
		For Flange Frame, Add	*136.55*	
		For Clear Lacquer Finish, Add	*273.09*	
		For Baked Enamel Standard Colors, Add	*409.64*	
		For Anodized Finish, Add	*546.18*	
		For Kynar® Standard Colors Finish, Add	*751.00*	
08 91 19 00-0198	EA	90" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	1,955.76	140.62
		Note: Includes bird screen.		
		For Flange Frame, Add	*167.45*	
		For Clear Lacquer Finish, Add	*334.90*	
		For Baked Enamel Standard Colors, Add	*502.36*	
		For Anodized Finish, Add	*669.81*	
		For Kynar® Standard Colors Finish, Add	*920.99*	
08 91 19 00-0199	EA	90" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	2,282.54	160.24
		Note: Includes bird screen.		
		For Flange Frame, Add	*196.21*	
		For Clear Lacquer Finish, Add	*392.41*	
		For Baked Enamel Standard Colors, Add	*588.62*	
		For Anodized Finish, Add	*784.82*	
		For Kynar® Standard Colors Finish, Add	*1,079.13*	
08 91 19 00-0200	EA	90" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	2,622.62	170.05
		Note: Includes bird screen.		
		For Flange Frame, Add	*228.25*	
		For Clear Lacquer Finish, Add	*456.50*	
		For Baked Enamel Standard Colors, Add	*684.76*	
		For Anodized Finish, Add	*913.01*	
		For Kynar® Standard Colors Finish, Add	*1,255.39*	
08 91 19 00-0201	EA	90" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	3,096.78	176.59
		Note: Includes bird screen.		
		For Flange Frame, Add	*274.36*	
		For Clear Lacquer Finish, Add	*548.72*	
		For Baked Enamel Standard Colors, Add	*823.08*	
		For Anodized Finish, Add	*1,097.44*	
		For Kynar® Standard Colors Finish, Add	*1,508.97*	
08 91 19 00-0202	EA	90" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	3,404.99	183.13
		Note: Includes bird screen.		
		For Flange Frame, Add	*303.87*	
		For Clear Lacquer Finish, Add	*607.74*	
		For Baked Enamel Standard Colors, Add	*911.62*	
		For Anodized Finish, Add	*1,215.49*	
		For Kynar® Standard Colors Finish, Add	*1,671.30*	
08 91 19 00-0203	EA	90" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	3,699.27	189.67
		Note: Includes bird screen.		
		For Flange Frame, Add	*331.99*	
		For Clear Lacquer Finish, Add	*663.98*	
		For Baked Enamel Standard Colors, Add	*995.98*	
		For Anodized Finish, Add	*1,327.97*	
		For Kynar® Standard Colors Finish, Add	*1,825.96*	
08 91 19 00-0204	EA	90" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	4,060.68	196.22
		Note: Includes bird screen.		
		For Flange Frame, Add	*366.83*	
		For Clear Lacquer Finish, Add	*733.65*	
		For Baked Enamel Standard Colors, Add	*1,100.48*	
		For Anodized Finish, Add	*1,467.30*	
		For Kynar® Standard Colors Finish, Add	*2,017.54*	
08 91 19 00-0205	EA	90" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	4,365.30	206.03
		Note: Includes bird screen.		
		For Flange Frame, Add	*395.33*	
		For Clear Lacquer Finish, Add	*790.65*	
		For Baked Enamel Standard Colors, Add	*1,185.98*	
		For Anodized Finish, Add	*1,581.30*	
		For Kynar® Standard Colors Finish, Add	*2,174.29*	
08 91 19 00-0206	EA	90" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	4,856.53	222.38
		Note: Includes bird screen.		
		For Flange Frame, Add	*441.18*	
		For Clear Lacquer Finish, Add	*882.36*	
		For Baked Enamel Standard Colors, Add	*1,323.53*	
		For Anodized Finish, Add	*1,764.71*	
		For Kynar® Standard Colors Finish, Add	*2,426.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0207	EA	90" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	5,152.28	232.19
		Note: Includes bird screen.		
		For Flange Frame, Add	*468.79*	
		For Clear Lacquer Finish, Add	*937.58*	
		For Baked Enamel Standard Colors, Add	*1,406.37*	
		For Anodized Finish, Add	*1,875.16*	
		For Kynar® Standard Colors Finish, Add	*2,578.35*	
08 91 19 00-0208	EA	90" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	5,491.10	242.00
		Note: Includes bird screen.		
		For Flange Frame, Add	*500.71*	
		For Clear Lacquer Finish, Add	*1,001.42*	
		For Baked Enamel Standard Colors, Add	*1,502.13*	
		For Anodized Finish, Add	*2,002.84*	
		For Kynar® Standard Colors Finish, Add	*2,753.91*	
08 91 19 00-0209	EA	90" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	5,844.91	248.54
		Note: Includes bird screen.		
		For Flange Frame, Add	*534.78*	
		For Clear Lacquer Finish, Add	*1,069.57*	
		For Baked Enamel Standard Colors, Add	*1,604.35*	
		For Anodized Finish, Add	*2,139.14*	
		For Kynar® Standard Colors Finish, Add	*2,941.31*	
08 91 19 00-0210	EA	90" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	6,144.47	258.34
		Note: Includes bird screen.		
		For Flange Frame, Add	*562.78*	
		For Clear Lacquer Finish, Add	*1,125.55*	
		For Baked Enamel Standard Colors, Add	*1,688.33*	
		For Anodized Finish, Add	*2,251.11*	
		For Kynar® Standard Colors Finish, Add	*3,095.27*	
08 91 19 00-0211	EA	90" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	6,618.61	264.88
		Note: Includes bird screen.		
		For Flange Frame, Add	*608.88*	
		For Clear Lacquer Finish, Add	*1,217.77*	
		For Baked Enamel Standard Colors, Add	*1,826.65*	
		For Anodized Finish, Add	*2,435.53*	
		For Kynar® Standard Colors Finish, Add	*3,348.86*	
08 91 19 00-0212	EA	96" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	1,686.60	130.81
		Note: Includes bird screen.		
		For Flange Frame, Add	*142.50*	
		For Clear Lacquer Finish, Add	*285.00*	
		For Baked Enamel Standard Colors, Add	*427.50*	
		For Anodized Finish, Add	*570.00*	
		For Kynar® Standard Colors Finish, Add	*783.74*	
08 91 19 00-0213	EA	96" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	2,047.58	150.43
		Note: Includes bird screen.		
		For Flange Frame, Add	*174.67*	
		For Clear Lacquer Finish, Add	*349.34*	
		For Baked Enamel Standard Colors, Add	*524.02*	
		For Anodized Finish, Add	*698.69*	
		For Kynar® Standard Colors Finish, Add	*960.70*	
08 91 19 00-0214	EA	96" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	2,390.82	170.05
		Note: Includes bird screen.		
		For Flange Frame, Add	*205.07*	
		For Clear Lacquer Finish, Add	*410.14*	
		For Baked Enamel Standard Colors, Add	*615.22*	
		For Anodized Finish, Add	*820.29*	
		For Kynar® Standard Colors Finish, Add	*1,127.90*	
08 91 19 00-0215	EA	96" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	2,749.92	179.86
		Note: Includes bird screen.		
		For Flange Frame, Add	*239.02*	
		For Clear Lacquer Finish, Add	*478.04*	
		For Baked Enamel Standard Colors, Add	*717.06*	
		For Anodized Finish, Add	*956.08*	
		For Kynar® Standard Colors Finish, Add	*1,314.60*	
08 91 19 00-0216	EA	96" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	3,239.26	186.40
		Note: Includes bird screen.		
		For Flange Frame, Add	*286.65*	
		For Clear Lacquer Finish, Add	*573.29*	
		For Baked Enamel Standard Colors, Add	*859.94*	
		For Anodized Finish, Add	*1,146.58*	
		For Kynar® Standard Colors Finish, Add	*1,576.55*	
08 91 19 00-0217	EA	96" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	3,599.41	192.94
		Note: Includes bird screen.		
		For Flange Frame, Add	*321.35*	
		For Clear Lacquer Finish, Add	*642.70*	
		For Baked Enamel Standard Colors, Add	*964.06*	
		For Anodized Finish, Add	*1,285.41*	
		For Kynar® Standard Colors Finish, Add	*1,767.44*	
08 91 19 00-0218	EA	96" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	3,912.68	199.49
		Note: Includes bird screen.		
		For Flange Frame, Add	*351.37*	
		For Clear Lacquer Finish, Add	*702.74*	
		For Baked Enamel Standard Colors, Add	*1,054.11*	
		For Anodized Finish, Add	*1,405.48*	
		For Kynar® Standard Colors Finish, Add	*1,932.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0219	EA	96" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	4,256.36	206.03
		Note: Includes bird screen.		
		For Flange Frame, Add	*384.43*	
		For Clear Lacquer Finish, Add	*768.86*	
		For Baked Enamel Standard Colors, Add	*1,153.29*	
		For Anodized Finish, Add	*1,537.72*	
		For Kynar® Standard Colors Finish, Add	*2,114.37*	
08 91 19 00-0220	EA	96" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	4,574.70	212.57
		Note: Includes bird screen.		
		For Flange Frame, Add	*414.96*	
		For Clear Lacquer Finish, Add	*829.92*	
		For Baked Enamel Standard Colors, Add	*1,244.87*	
		For Anodized Finish, Add	*1,659.83*	
		For Kynar® Standard Colors Finish, Add	*2,282.27*	
08 91 19 00-0221	EA	96" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	5,102.67	228.92
		Note: Includes bird screen.		
		For Flange Frame, Add	*464.48*	
		For Clear Lacquer Finish, Add	*928.97*	
		For Baked Enamel Standard Colors, Add	*1,393.45*	
		For Anodized Finish, Add	*1,857.94*	
		For Kynar® Standard Colors Finish, Add	*2,554.66*	
08 91 19 00-0222	EA	96" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	4,045.63	238.73
		Note: Includes bird screen.		
		For Flange Frame, Add	*356.82*	
		For Clear Lacquer Finish, Add	*713.64*	
		For Baked Enamel Standard Colors, Add	*1,070.45*	
		For Anodized Finish, Add	*1,427.27*	
		For Kynar® Standard Colors Finish, Add	*1,962.50*	
08 91 19 00-0223	EA	96" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	5,754.98	248.54
		Note: Includes bird screen.		
		For Flange Frame, Add	*525.79*	
		For Clear Lacquer Finish, Add	*1,051.58*	
		For Baked Enamel Standard Colors, Add	*1,577.37*	
		For Anodized Finish, Add	*2,103.16*	
		For Kynar® Standard Colors Finish, Add	*2,891.85*	
08 91 19 00-0224	EA	96" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	6,121.46	255.07
		Note: Includes bird screen.		
		For Flange Frame, Add	*561.13*	
		For Clear Lacquer Finish, Add	*1,122.26*	
		For Baked Enamel Standard Colors, Add	*1,683.39*	
		For Anodized Finish, Add	*2,244.52*	
		For Kynar® Standard Colors Finish, Add	*3,086.22*	
08 91 19 00-0225	EA	96" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	6,436.22	264.88
		Note: Includes bird screen.		
		For Flange Frame, Add	*590.64*	
		For Clear Lacquer Finish, Add	*1,181.29*	
		For Baked Enamel Standard Colors, Add	*1,771.93*	
		For Anodized Finish, Add	*2,362.58*	
		For Kynar® Standard Colors Finish, Add	*3,248.54*	
08 91 19 00-0226	EA	96" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	6,946.03	274.70
		Note: Includes bird screen.		
		For Flange Frame, Add	*639.66*	
		For Clear Lacquer Finish, Add	*1,279.33*	
		For Baked Enamel Standard Colors, Add	*1,918.99*	
		For Anodized Finish, Add	*2,558.65*	
		For Kynar® Standard Colors Finish, Add	*3,518.15*	

08 91 19 00-0227 Gable Louver Vents *(08 91 19)*
Note: 1" deep, residential/light commercial grade louvers.

08 91 19 00-0228 Aluminum Gable Louver Vents *(08 91 19 00-0227)*
Note: Includes screen.

08 91 19 00-0229 Rectangular Aluminum Gable Louver Vents *(08 91 19 00-0228)*
Note: Includes screen.

08 91 19 00-0230	EA	12" x 18" Rectangular Fixed Aluminum Gable Louver Vent	175.43	10.83
08 91 19 00-0231	EA	12" x 24" Rectangular Fixed Aluminum Gable Louver Vent	192.48	12.43
08 91 19 00-0232	EA	18" x 24" Rectangular Fixed Aluminum Gable Louver Vent	221.78	14.04
08 91 19 00-0233	EA	18" x 30" Rectangular Fixed Aluminum Gable Louver Vent	242.76	14.92
08 91 19 00-0234	EA	24" x 30" Rectangular Fixed Aluminum Gable Louver Vent	275.97	15.80
08 91 19 00-0235	EA	24" x 36" Rectangular Fixed Aluminum Gable Louver Vent	309.93	18.95
08 91 19 00-0236	EA	30" x 36" Rectangular Fixed Aluminum Gable Louver Vent	360.85	23.69
08 91 19 00-0237	EA	30" x 42" Rectangular Fixed Aluminum Gable Louver Vent	403.31	27.64
08 91 19 00-0238	EA	36" x 42" Rectangular Fixed Aluminum Gable Louver Vent	462.72	33.17
08 91 19 00-0239	EA	42" x 48" Rectangular Fixed Aluminum Gable Louver Vent	581.55	44.22

08 91 19 00-0240 Square Aluminum Gable Louver Vents *(08 91 19 00-0228)*
Note: Includes screen.

08 91 19 00-0241	EA	12" x 12" Square Fixed Aluminum Gable Louver Vent	160.63	9.97
08 91 19 00-0242	EA	18" x 18" Square Fixed Aluminum Gable Louver Vent	199.19	12.64
08 91 19 00-0243	EA	24" x 24" Square Fixed Aluminum Gable Louver Vent	248.86	14.91
08 91 19 00-0244	EA	30" x 30" Square Fixed Aluminum Gable Louver Vent	318.42	19.74
08 91 19 00-0245	EA	36" x 36" Square Fixed Aluminum Gable Louver Vent	411.79	28.44
08 91 19 00-0246	EA	42" x 42" Square Fixed Aluminum Gable Louver Vent	522.05	38.67

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0247	EA	48" x 48" Square Fixed Aluminum Gable Louver Vent	649.47	50.54
08 91 19 00-0248		**Round Aluminum Gable Louver Vents** *(08 91 19 00-0228)*		
		Note: Includes screen.		
08 91 19 00-0249	EA	12" Diameter Round Fixed Aluminum Gable Louver Vent	160.63	9.97
08 91 19 00-0250	EA	18" Diameter Round Fixed Aluminum Gable Louver Vent	199.19	12.64
08 91 19 00-0251	EA	24" Diameter Round Fixed Aluminum Gable Louver Vent	248.86	14.91
08 91 19 00-0252	EA	30" Diameter Round Fixed Aluminum Gable Louver Vent	318.42	19.74
08 91 19 00-0253	EA	36" Diameter Round Fixed Aluminum Gable Louver Vent	411.79	28.44
08 91 19 00-0254	EA	42" Diameter Round Fixed Aluminum Gable Louver Vent	522.14	38.70
08 91 19 00-0255		**Octagonal Aluminum Gable Louver Vents** *(08 91 19 00-0228)*		
		Note: Includes screen.		
08 91 19 00-0256	EA	12" x 12" Octagonal Fixed Aluminum Gable Louver Vent	160.63	9.97
08 91 19 00-0257	EA	12" x 18" Octagonal Fixed Aluminum Gable Louver Vent	175.43	10.83
08 91 19 00-0258	EA	12" x 24" Octagonal Fixed Aluminum Gable Louver Vent	192.48	12.43
08 91 19 00-0259	EA	18" x 18" Octagonal Fixed Aluminum Gable Louver Vent	199.19	12.64
08 91 19 00-0260	EA	18" x 24" Octagonal Fixed Aluminum Gable Louver Vent	221.78	14.04
08 91 19 00-0261	EA	18" x 30" Octagonal Fixed Aluminum Gable Louver Vent	242.76	14.92
08 91 19 00-0262	EA	24" x 24" Octagonal Fixed Aluminum Gable Louver Vent	248.86	14.91
08 91 19 00-0263	EA	24" x 30" Octagonal Fixed Aluminum Gable Louver Vent	275.97	15.80
08 91 19 00-0264	EA	24" x 36" Octagonal Fixed Aluminum Gable Louver Vent	309.93	18.95
08 91 19 00-0265	EA	30" x 30" Octagonal Fixed Aluminum Gable Louver Vent	318.42	19.74
08 91 19 00-0266	EA	30" x 36" Octagonal Fixed Aluminum Gable Louver Vent	360.85	23.69
08 91 19 00-0267	EA	30" x 42" Octagonal Fixed Aluminum Gable Louver Vent	403.31	27.64
08 91 19 00-0268	EA	36" x 36" Octagonal Fixed Aluminum Gable Louver Vent	411.79	28.44
08 91 19 00-0269	EA	36" x 42" Octagonal Fixed Aluminum Gable Louver Vent	462.72	33.17
08 91 19 00-0270	EA	36" x 48" Octagonal Fixed Aluminum Gable Louver Vent	513.65	37.91
08 91 19 00-0271	EA	42" x 42" Octagonal Fixed Aluminum Gable Louver Vent	522.14	38.70
08 91 19 00-0272	EA	42" x 48" Octagonal Fixed Aluminum Gable Louver Vent	581.55	44.22
08 91 19 00-0273	EA	48" x 48" Octagonal Fixed Aluminum Gable Louver Vent	649.47	50.54
08 91 19 00-0274		**Round Top Aluminum Gable Louver Vents** *(08 91 19 00-0228)*		
		Note: Includes screen.		
08 91 19 00-0275	EA	12" x 12" Round Top Fixed Aluminum Gable Louver Vent	160.63	9.97
08 91 19 00-0276	EA	12" x 18" Round Top Fixed Aluminum Gable Louver Vent	175.43	10.83
08 91 19 00-0277	EA	12" x 24" Round Top Fixed Aluminum Gable Louver Vent	192.48	12.43
08 91 19 00-0278	EA	18" x 18" Round Top Fixed Aluminum Gable Louver Vent	199.19	12.64
08 91 19 00-0279	EA	18" x 24" Round Top Fixed Aluminum Gable Louver Vent	221.78	14.04
08 91 19 00-0280	EA	18" x 30" Round Top Fixed Aluminum Gable Louver Vent	242.76	14.92
08 91 19 00-0281	EA	24" x 24" Round Top Fixed Aluminum Gable Louver Vent	248.86	14.91
08 91 19 00-0282	EA	24" x 30" Round Top Fixed Aluminum Gable Louver Vent	275.97	15.80
08 91 19 00-0283	EA	24" x 36" Round Top Fixed Aluminum Gable Louver Vent	309.93	18.95
08 91 19 00-0284	EA	30" x 30" Round Top Fixed Aluminum Gable Louver Vent	318.42	19.74
08 91 19 00-0285	EA	30" x 36" Round Top Fixed Aluminum Gable Louver Vent	360.85	23.69
08 91 19 00-0286	EA	30" x 42" Round Top Fixed Aluminum Gable Louver Vent	403.31	27.64
08 91 19 00-0287	EA	36" x 36" Round Top Fixed Aluminum Gable Louver Vent	411.79	28.44
08 91 19 00-0288	EA	36" x 42" Round Top Fixed Aluminum Gable Louver Vent	462.72	33.17
08 91 19 00-0289	EA	36" x 48" Round Top Fixed Aluminum Gable Louver Vent	513.65	37.91
08 91 19 00-0290	EA	42" x 42" Round Top Fixed Aluminum Gable Louver Vent	522.14	38.70
08 91 19 00-0291	EA	42" x 48" Round Top Fixed Aluminum Gable Louver Vent	581.55	44.22
08 91 19 00-0292	EA	48" x 48" Round Top Fixed Aluminum Gable Louver Vent	649.47	50.54
08 91 19 00-0293		**Triangle Aluminum Gable Louver Vents** *(08 91 19 00-0228)*		
		Note: Includes screen.		
08 91 19 00-0294	EA	36" Base x 30" High Triangle Fixed Aluminum Gable Louver Vent	327.05	12.43
08 91 19 00-0295	EA	36" Base x 36" High Triangle Fixed Aluminum Gable Louver Vent	371.21	14.91
08 91 19 00-0296	EA	48" Base x 30" High Triangle Fixed Aluminum Gable Louver Vent	398.31	15.80
08 91 19 00-0297	EA	48" Base x 36" High Triangle Fixed Aluminum Gable Louver Vent	456.74	18.95
08 91 19 00-0298	EA	48" Base x 42" High Triangle Fixed Aluminum Gable Louver Vent	508.05	19.74
08 91 19 00-0299	EA	60" Base x 24" High Triangle Fixed Aluminum Gable Louver Vent	422.02	23.69
08 91 19 00-0300	EA	60" Base x 30" High Triangle Fixed Aluminum Gable Louver Vent	495.07	27.64
08 91 19 00-0301	EA	60" Base x 36" High Triangle Fixed Aluminum Gable Louver Vent	558.60	28.44
08 91 19 00-0302	EA	60" Base x 42" High Triangle Fixed Aluminum Gable Louver Vent	634.00	33.17
08 91 19 00-0303	EA	72" Base x 24" High Triangle Fixed Aluminum Gable Louver Vent	513.65	37.91
08 91 19 00-0304	EA	72" Base x 30" High Triangle Fixed Aluminum Gable Louver Vent	589.43	38.70
08 91 19 00-0305	EA	72" Base x 36" High Triangle Fixed Aluminum Gable Louver Vent	679.42	44.22
08 91 19 00-0306	EA	72" Base x 42" High Triangle Fixed Aluminum Gable Louver Vent	771.81	50.54
08 91 19 00-0307	EA	72" Base x 48" High Triangle Fixed Aluminum Gable Louver Vent	867.84	58.08
08 91 19 00-0308		**Vinyl Gable Louver Vents** *(08 91 19 00-0227)*		
		Note: Includes screen.		
08 91 19 00-0309	EA	12" x 12" Square Fixed Vinyl Gable Louver Vent	71.68	9.97
08 91 19 00-0310	EA	12" x 18" Rectangular Fixed Vinyl Gable Louver Vent	86.81	10.83
08 91 19 00-0311	EA	18" x 24" Rectangular Fixed Vinyl Gable Louver Vent	118.55	14.04
08 91 19 00-0312	EA	24" x 30" Rectangular Fixed Vinyl Gable Louver Vent	162.85	15.80

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0313	EA	18" Diameter Round Fixed Vinyl Gable Louver Vent	114.90	12.64
08 91 19 00-0314	EA	22" Diameter Round Fixed Vinyl Gable Louver Vent	132.74	14.91
08 91 19 00-0315	EA	30" Diameter Round Fixed Vinyl Gable Louver Vent	187.35	19.74
08 91 19 00-0316	EA	36" Diameter Round Fixed Vinyl Gable Louver Vent	273.86	28.44
08 91 19 00-0317	EA	18" x 18" Octagonal Fixed Vinyl Gable Louver Vent	114.90	12.64
08 91 19 00-0318	EA	22" x 22" Octagonal Fixed Vinyl Gable Louver Vent	130.12	14.04
08 91 19 00-0319	EA	27" x 27" Octagonal Fixed Vinyl Gable Louver Vent	168.19	15.80
08 91 19 00-0320	EA	32" x 32" Octagonal Fixed Vinyl Gable Louver Vent	238.67	23.69
08 91 19 00-0321	EA	40" x 40" Octagonal Fixed Vinyl Gable Louver Vent	569.83	37.91
08 91 19 00-0322	EA	14" x 22" Round Top Fixed Vinyl Gable Louver Vent	112.61	12.43
08 91 19 00-0323	EA	22" x 32" Round Top Fixed Vinyl Gable Louver Vent	157.14	15.80
08 91 19 00-0324	EA	34" x 22" Half Round Fixed Vinyl Gable Louver Vent	162.47	18.95
08 91 19 00-0325	EA	52" Base x 26" High Triangle Fixed Vinyl Gable Louver Vent	375.58	23.69
08 91 19 00-0326	EA	56" Base x 23" High Triangle Fixed Vinyl Gable Louver Vent	375.58	23.69
08 91 19 00-0327	EA	56" Base x 26" High Triangle Fixed Vinyl Gable Louver Vent	375.58	23.69
08 91 19 00-0328	EA	62" Base x 23" High Triangle Fixed Vinyl Gable Louver Vent	375.58	23.69
08 91 19 00-0329	EA	62-1/2" Base x 21" High Triangle Fixed Vinyl Gable Louver Vent	375.58	23.69
08 91 19 00-0330	EA	70-1/2" Base x 17" High Triangle Fixed Vinyl Gable Louver Vent	418.27	37.91
08 91 19 00-0331	EA	70-1/2" Base x 20-1/2" High Triangle Fixed Vinyl Gable Louver Vent	418.27	37.91
08 91 19 00-0332	EA	72-1/2" Base x 18" High Triangle Fixed Vinyl Gable Louver Vent	418.27	37.91
08 91 19 00-0333	EA	74" Base x 14-1/2" High Triangle Fixed Vinyl Gable Louver Vent	418.27	37.91

08 95 Vents *(08 90)*

08 95 13 Soffit Vents *(08 95)*

08 95 13 00-0001 Aluminum Soffit Vents *(08 95 13)*

08 95 13 00-0002	LF	2-1/2" Wide Aluminum Soffit Vent	8.48	3.01
08 95 13 00-0003	LF	3" Wide Aluminum Soffit Vent	15.13	5.89
08 95 13 00-0004	EA	4" x 16" Under Eave Vent, Mill Finish	25.05	7.85
08 95 13 00-0005	EA	8" x 16" Under Eave Vent, Mill Finish	26.02	7.85

08 95 13 00-0006 Vinyl Soffit Vents *(08 95 13)*

08 95 13 00-0007	LF	Up To 2" Vinyl Soffit Vent, Perforated, White	7.82	3.31
		For Colors, Add	*0.12*	
08 95 13 00-0008	LF	3" To 4" Vinyl Soffit Vent, Perforated, White	8.18	3.31
		For Colors, Add	*0.16*	

08 95 16 Wall Vents *(08 95)*

08 95 16 00-0001 Foundation Vents *(08 95 16)*

08 95 16 00-0002	SI	Galvanized Steel Foundation Vent	0.49	0.20
08 95 16 00-0003	SI	Aluminum Foundation Vent	0.99	0.20
08 95 16 00-0004	SI	Stainless Steel Foundation Vent	1.16	0.20
08 95 16 00-0005	SI	Plastic Foundation Vent	0.62	0.20

END OF SECTION 08

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

09 Finishes

09 01 Maintenance of Finishes *(09)*

09 01 20 Maintenance of Plaster and Gypsum Board *(09 01)*

09 01 20 91 Plaster Restoration *(09 01 20)*

09 01 20 91-0001 Cut And Patch Hole In Gypsum Board To Match Existing *(09 01 20 91)*
Note: Includes cutting of existing gypsum board, cutting new board to fit opening, taping, gypsum board finishing, and disposal of debris into dumpster. Per location. See CSI section 09 29 00 00-0000 for "Gypsum Board" repairs > 32 SF.

09 01 20 91-0002	SF	Up To 2 SF, Cut And Patch Hole In Gypsum Board To Match Existing Note: Per location.	22.27
09 01 20 91-0003	SF	>2 To 4 SF, Cut And Patch Hole In Gypsum Board To Match Existing Note: Per location.	17.99
09 01 20 91-0004	SF	>4 To 8 SF, Cut And Patch Hole In Gypsum Board To Match Existing Note: Per location.	16.16
09 01 20 91-0005	SF	>8 To 16 SF, Cut And Patch Hole In Gypsum Board To Match Existing Note: Per location.	14.25
09 01 20 91-0006	SF	>16 To 32 SF, Cut And Patch Hole In Gypsum Board To Match Existing Note: Per location. See CSI section 09 29 10 00-0001 for "Gypsum Board" repairs > 32 SF.	12.76

09 01 20 91-0007 Patch/Finish Gypsum Board To Match Existing *(09 01 20 91)*
Note: Includes taping, gypsum board finishing. Per location. See CSI section 09 01 20 91-0001 for patching walls requiring gypsum board to be cut and installed.

09 01 20 91-0008	EA	Tape, Spackle And Finish Gypsum Board To Patch/Finish Small Diameter Holes Or Screw Head Pops	1.96
		For ASTM C840 Level 1 Finish, Deduct	*-0.94*
		For ASTM C840 Level 2 Finish, Deduct	*-0.47*
		For ASTM C840 Level 3 Finish, Deduct	*-0.19*
		For ASTM C840 Level 5 High Quality Finish, Add	*1.45*

09 01 20 91-0009 Plaster/Stucco Repair *(09 01 20 91)*
Note: Per location.

09 01 20 91-0010 Clean And Repair Crack In Plaster/Stucco *(09 01 20 91-0009)*
Note: Includes plaster weld.

09 01 20 91-0011	LF	Up To 10', Chip, Clean And Repair Crack In Plaster/Stucco	21.67
09 01 20 91-0012	LF	>10' To 50', Chip, Clean And Repair Crack In Plaster/Stucco	17.39
09 01 20 91-0013	LF	>50' To 100', Chip, Clean And Repair Crack In Plaster/Stucco	14.18
09 01 20 91-0014	LF	>100' To 250', Chip, Clean And Repair Crack In Plaster/Stucco	10.97
09 01 20 91-0015	LF	>250' To 500', Chip, Clean And Repair Crack In Plaster/Stucco	8.84
09 01 20 91-0016	LF	>500', Chip, Clean And Repair Crack In Plaster/Stucco	6.69

09 01 20 91-0017 Cut And Patch Hole In Plaster/Stucco To Match Existing *(09 01 20 91-0009)*
Note: Includes plaster weld.

09 01 20 91-0018	SF	Up To 10 SF, Cut And Patch Hole In Plaster To Match Existing	20.72
09 01 20 91-0019	SF	>10 To 50 SF, Cut And Patch Hole In Plaster To Match Existing	18.34
09 01 20 91-0020	SF	>50 To 100 SF, Cut And Patch Hole In Plaster To Match Existing	16.91
09 01 20 91-0021	SF	>100 To 250 SF, Cut And Patch Hole In Plaster To Match Existing	15.71
09 01 20 91-0022	SF	>250 To 500 SF, Cut And Patch Hole In Plaster To Match Existing	14.67
09 01 20 91-0023	SF	>500 SF, Cut And Patch Hole In Plaster To Match Existing	13.51

09 01 20 91-0024 Chip, Clean And Repair Plaster/Stucco *(09 01 20 91-0009)*
Note: Includes plaster weld.

09 01 20 91-0025	SF	Up To 10 SF, Chip, Clean And Repair Plaster/Stucco	39.06
09 01 20 91-0026	SF	>10 To 50 SF, Chip, Clean And Repair Plaster/Stucco	28.36
09 01 20 91-0027	SF	>50 To 250 SF, Chip, Clean And Repair Plaster/Stucco	20.87
09 01 20 91-0028	SF	>250 SF, Chip, Clean And Repair Plaster/Stucco	16.60

09 01 30 Maintenance of Tiling *(09 01)*

09 01 30 91 Tile Restoration *(09 01 30)*

09 01 30 91-0001	SF	Regrout Floor Tile Including Removal Of Loose Grout	7.99
09 01 30 91-0002	SF	Regrout Wall Tile Including Removal Of Loose Grout	9.97
09 01 30 91-0003	SF	Up To 1 SF, Cut And Patch Hole In Wall Tile To Match Existing Note: Per location.	51.44

09 01 50 Maintenance of Ceilings *(09 01)*

09 01 50 91 Ceiling Restoration *(09 01 50)*

09 01 50 91-0001 Repair Ceiling Suspension System *(09 01 50 91)*
See CSI section 09 53 23 00-0009 for ceiling suspension system accessories for replacement.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

09 01 60 Maintenance of Flooring *(09 01)*

09 01 60 91 Flooring Restoration *(09 01 60)*

09 01 60 91-0001 Grinding, Polishing And Sealing Terrazzo *(09 01 60 91)*

09 01 60 91-0002	CSF	Grinding, Polishing And Sealing Existing Terrazzo	336.88
09 01 60 91-0003	SF	Removal Of Setting Bed And Clean Area For Terrazzo Repair	5.10
09 01 60 91-0004	SF	Repair Existing Terrazzo	23.94
09 01 60 91-0005	LF	Repair Cracks In Existing Terrazzo	5.31

09 01 60 91-0006 Prepare Existing Concrete Floor Prior To Installation Of Flooring *(09 01 60 91)*

09 01 60 91-0007	SY	Grinding Of Existing Concrete Floor Prior To Installation Of Flooring Note: Up to 1/8" of material per pass	10.08
09 01 60 91-0008	LF	Up To 6" Wide, Hand Detail Work/Grinding At Wall Of Existing Concrete Floor Prior To Installation Of Flooring Note: Up to 1/4" of material per pass	18.63
09 01 60 91-0009	SY	Chemical Prepare Existing Concrete Floor Prior To Installation Of Flooring	9.19

09 01 60 91-0010 Floor Sealants *(09 01 60 91)*

09 01 60 91-0011	SF	Water-Based Emulsion, Masonry/Tile/Stone/Terrazzo Floor Sealant/Finish, Per Coat Note: For terrazzo, concrete, quarry tile, brick and unglazed ceramic tile.	1.35
09 01 60 91-0012	SF	Water-Based, Clear Acrylic, Concrete Floor Sealant/Finish, Per Coat Note: For interior/exterior concrete surfaces.	1.53
09 01 60 91-0013	SF	Fluorochemical Acrylate Copolymer Masonry/Tile/Stone/Terrazzo Floor Sealant	1.59
09 01 60 91-0014	GAL	Masonry/Tile/Stone/Terrazzo Floor Sealant (Extra To Be Provided To Owner)	48.05

09 01 60 91-0015 Standard Flooring Maintenance *(09 01 60 91)*

09 01 60 91-0016	CSF	Steam Clean Carpet	52.35
		For Up To 1, Add	*24.90*
		For >1 To 5, Add	*9.96*
09 01 60 91-0017	CSF	Wax And Polish Tile And VCT Flooring	57.44
		For Up To 1, Add	*26.18*
		For >1 To 5, Add	*10.47*
		For Additional Coat, Add	*47.99*
		For Stripping Existing Wax From Floor, Add	*54.59*
09 01 60 91-0018	CSF	Wax And Polish Wood Flooring	34.67
		For Up To 1, Add	*13.92*
		For >1 To 5, Add	*5.57*
		For Additional Coat, Add	*30.47*
		For Stripping Existing Wax From Floor, Add	*54.59*
09 01 60 91-0019	MSF	Vacuum Floors	29.22

09 01 80 Maintenance of Acoustic Treatment *(09 01)*

09 01 80 00-0001 Removal Of Acoustical Ceiling Treatment *(09 01 80)*

09 01 80 00-0002	SF	Removal Of Acoustical And Popcorn Ceilings Treatment	2.54

09 01 90 Maintenance of Painting and Coating *(09 01)*

09 01 90 52 Maintenance Repainting *(09 01 90)*

09 01 90 52-0001 Cleaning And Preparation Of Painted And Unpainted Surfaces *(09 01 90 52)*
Note: In excess of surface preparation required. Water blast and pressure washing includes mild detergent and rinsing of surface until detergent free. Media blast and water blast includes canvas/plastic for protection of existing surfaces as well as for containment and collection.

09 01 90 52-0002 Concrete, Stone And Masonry Surfaces, Surface Preparation *(09 01 90 52-0001)*

09 01 90 52-0003	SF	Trisodium Phosphate (TSP), Clean Concrete, Stone Or Masonry Surfaces, Surface Preparation	0.48
		For Up To 100, Add	*0.35*
		For >100 To 250, Add	*0.16*
		For >250 To 500, Add	*0.07*
		For >5,000 To 10,000, Deduct	*-0.02*
		For >10,000 To 15,000, Deduct	*-0.05*
		For >15,000 To 30,000, Deduct	*-0.07*
		For >30,000, Deduct	*-0.10*
09 01 90 52-0004	SF	Calcimine Removal/Washing, Concrete, Stone And Masonry Surfaces, Surface Preparation	0.49
		For Up To 100, Add	*0.85*
		For >100 To 250, Add	*0.22*
		For >250 To 500, Add	*0.11*
		For >5,000 To 10,000, Deduct	*-0.02*
		For >10,000 To 15,000, Deduct	*-0.05*
		For >15,000 To 30,000, Deduct	*-0.07*
		For >30,000, Deduct	*-0.09*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 01 90 52-0005	SF	Chemical Clean, Brush And Wash, Concrete, Stone And Masonry Surfaces, Surface Preparation	0.79	
		For Up To 100, Add	*1.31*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.17*	
		For >5,000 To 10,000, Deduct	*-0.04*	
		For >10,000 To 15,000, Deduct	*-0.07*	
		For >15,000 To 30,000, Deduct	*-0.11*	
		For >30,000, Deduct	*-0.15*	
09 01 90 52-0006	SF	Hand Scrape, Concrete And Masonry Surfaces, Surface Preparation	1.20	
		For Up To 100, Add	*2.40*	
		For >100 To 250, Add	*0.60*	
		For >250 To 500, Add	*0.30*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 15,000, Deduct	*-0.12*	
		For >15,000 To 30,000, Deduct	*-0.18*	
		For >30,000, Deduct	*-0.24*	
09 01 90 52-0007	SF	Steam Clean, Concrete, Stone And Masonry Surfaces, Surface Preparation	0.95	
		For Up To 100, Add	*1.66*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.21*	
		For >5,000 To 10,000, Deduct	*-0.04*	
		For >10,000 To 15,000, Deduct	*-0.09*	
		For >15,000 To 30,000, Deduct	*-0.14*	
		For >30,000, Deduct	*-0.18*	
09 01 90 52-0008	SF	2,000 To 5,000 PSI Pressure Wash, Concrete, Stone And Masonry Surfaces, Surface Preparation	0.61	
		For Up To 100, Add	*1.01*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.13*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 15,000, Deduct	*-0.06*	
		For >15,000 To 30,000, Deduct	*-0.09*	
		For >30,000, Deduct	*-0.12*	
09 01 90 52-0009	SF	10,000 To 12,000 PSI Water Blast, Concrete, Stone And Masonry Surfaces, Surface Preparation	1.72	
		For Up To 100, Add	*3.13*	
		For >100 To 250, Add	*0.81*	
		For >250 To 500, Add	*0.40*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 15,000, Deduct	*-0.16*	
		For >15,000 To 30,000, Deduct	*-0.25*	
		For >30,000, Deduct	*-0.33*	
09 01 90 52-0010	SF	30,000 To 40,000 PSI Water Blast, Concrete, Stone And Masonry Surfaces, Surface Preparation	2.84	
		For Up To 100, Add	*5.37*	
		For >100 To 250, Add	*1.37*	
		For >250 To 500, Add	*0.68*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 15,000, Deduct	*-0.28*	
		For >15,000 To 30,000, Deduct	*-0.42*	
		For >30,000, Deduct	*-0.56*	
09 01 90 52-0011	SF	Abrasive Glass Media Blasting, Concrete And Masonry Surfaces, Surface Preparation Note: 3 Lb. of sand or glass abrasive media material per SF	3.96	
		For 4.5 Lb. Of Abrasive Media Material per SF, Where Multiple Pass Is Required, Add	*2.30*	
		For 6 Lb. Of Abrasive Media Material per SF, Where Multiple Pass Is Required, Add	*4.76*	
		For 9 Lb. Of Abrasive Media Material per SF, Where Multiple Pass Is Required, Add	*7.92*	
		For Up To 100, Add	*6.78*	
		For >100 To 250, Add	*1.79*	
		For >250 To 500, Add	*0.88*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 15,000, Deduct	*-0.37*	
		For >15,000 To 30,000, Deduct	*-0.57*	
		For >30,000, Deduct	*-0.75*	

09 01 90 52-0012 Drywall Surfaces, Surface Preparation *(09 01 90 52-0001)*

See CSI section 09 01 20 91-0007 for Patch holes other than nail/screw holes and greater than 1/2" diameter.

09 01 90 52-0013	SF	Hand Wash Drywall Surfaces With Mild Detergent Or Degreaser (No Sanding, Repairing Or Scraping), Surface Preparation	0.37	
		For Up To 100, Add	*0.74*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.09*	
09 01 90 52-0014	SF	Hand Wash, Minor Repair And Light Sanding Drywall Surfaces, Surface Preparation	0.62	
		For Up To 100, Add	*1.24*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.16*	
09 01 90 52-0015	SF	Hand Scrape, Repair And Sand Severely Damaged Drywall Surfaces, Surface Preparation	1.17	
		For Up To 100, Add	*2.22*	
		For >100 To 250, Add	*0.57*	
		For >250 To 500, Add	*0.28*	

09 01 90 52-0016 Metal Surfaces, Surface Preparation *(09 01 90 52-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 01 90 52-0017	SF	Trisodium Phosphate (TSP), Clean Metal Surfaces, Surface Preparation	0.46	
		For Up To 100, Add	*0.33*	
		For >100 To 250, Add	*0.15*	
		For >250 To 500, Add	*0.07*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 15,000, Deduct	*-0.05*	
		For >15,000 To 30,000, Deduct	*-0.07*	
		For >30,000, Deduct	*-0.09*	
09 01 90 52-0018	SF	Chemical Clean, Brush And Wash, Metal Surfaces, Surface Preparation	0.79	
		For Up To 100, Add	*0.46*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >5,000 To 10,000, Deduct	*-0.04*	
		For >10,000 To 15,000, Deduct	*-0.07*	
		For >15,000 To 30,000, Deduct	*-0.11*	
		For >30,000, Deduct	*-0.15*	
09 01 90 52-0019	SF	Hand Scraping And Sanding, Metal Surfaces, Surface Preparation	0.97	
		For Up To 100, Add	*0.73*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 15,000, Deduct	*-0.10*	
		For >15,000 To 30,000, Deduct	*-0.15*	
		For >30,000, Deduct	*-0.19*	
09 01 90 52-0020	SF	2,000 To 5,000 PSI Pressure Wash, Metal Surfaces, Surface Preparation	0.58	
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 15,000, Deduct	*-0.05*	
		For >15,000 To 30,000, Deduct	*-0.08*	
		For >30,000, Deduct	*-0.11*	
09 01 90 52-0021	SF	Power Tool Cleaning, Metal Surfaces, Surface Preparation	1.44	
		For Up To 100, Add	*1.08*	
		For >100 To 250, Add	*0.50*	
		For >250 To 500, Add	*0.22*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 15,000, Deduct	*-0.14*	
		For >15,000 To 30,000, Deduct	*-0.22*	
		For >30,000, Deduct	*-0.29*	
09 01 90 52-0022	SF	Steam Cleaning, Metal Surfaces, Surface Preparation	0.59	
		For Up To 100, Add	*0.32*	
		For >100 To 250, Add	*0.15*	
		For >250 To 500, Add	*0.06*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 15,000, Deduct	*-0.05*	
		For >15,000 To 30,000, Deduct	*-0.08*	
		For >30,000, Deduct	*-0.11*	
09 01 90 52-0023	SF	Loose Mill Scale With Fine Powder, Commercial Blast, Metal Surfaces, Surface Preparation	1.25	
		For Up To 100, Add	*0.78*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 15,000, Deduct	*-0.12*	
		For >15,000 To 30,000, Deduct	*-0.18*	
		For >30,000, Deduct	*-0.24*	
09 01 90 52-0024	SF	Tight Mill Scale With Fine Powder Rust, Commercial Blast, Metal Surfaces, Surface Preparation	1.70	
		For Up To 100, Add	*1.04*	
		For >100 To 250, Add	*0.48*	
		For >250 To 500, Add	*0.21*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 15,000, Deduct	*-0.16*	
		For >15,000 To 30,000, Deduct	*-0.25*	
		For >30,000, Deduct	*-0.32*	
09 01 90 52-0025	SF	Exterior Coating Blistered Pitted, Rust, Commercial Blast, Metal Surfaces, Surface Preparation	2.50	
		For Up To 100, Add	*1.55*	
		For >100 To 250, Add	*0.72*	
		For >250 To 500, Add	*0.31*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 15,000, Deduct	*-0.23*	
		For >15,000 To 30,000, Deduct	*-0.36*	
		For >30,000, Deduct	*-0.48*	
09 01 90 52-0026	SF	Badly Pitted With Rust Nodules, Commercial Blast, Metal Surfaces, Surface Preparation	4.18	
		For Up To 100, Add	*2.60*	
		For >100 To 250, Add	*1.21*	
		For >250 To 500, Add	*0.52*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 15,000, Deduct	*-0.39*	
		For >15,000 To 30,000, Deduct	*-0.61*	
		For >30,000, Deduct	*-0.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 01 90 52-0027	SF	Loose Mill Scale With Fine Powder Rust, Near White Blast, Metal Surfaces, Surface Preparation	3.18	
		For Up To 100, Add	*1.94*	
		For >100 To 250, Add	*0.91*	
		For >250 To 500, Add	*0.39*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 15,000, Deduct	*-0.29*	
		For >15,000 To 30,000, Deduct	*-0.46*	
		For >30,000, Deduct	*-0.61*	
09 01 90 52-0028	SF	Tight Mill Scale Little Rust, Near White Blast, Metal Surfaces, Surface Preparation	3.94	
		For Up To 100, Add	*2.39*	
		For >100 To 250, Add	*1.12*	
		For >250 To 500, Add	*0.48*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 15,000, Deduct	*-0.36*	
		For >15,000 To 30,000, Deduct	*-0.57*	
		For >30,000, Deduct	*-0.75*	
09 01 90 52-0029	SF	Exterior Coat Blistered Pitted Rust, Near White Blast, Metal Surfaces, Surface Preparation	5.11	
		For Up To 100, Add	*3.11*	
		For >100 To 250, Add	*1.45*	
		For >250 To 500, Add	*0.62*	
		For >5,000 To 10,000, Deduct	*-0.24*	
		For >10,000 To 15,000, Deduct	*-0.47*	
		For >15,000 To 30,000, Deduct	*-0.74*	
		For >30,000, Deduct	*-0.97*	
09 01 90 52-0030	SF	Badly Pitted Rust Nodules, Near White Blast, Metal Surfaces, Surface Preparation	6.39	
		For Up To 100, Add	*3.89*	
		For >100 To 250, Add	*1.82*	
		For >250 To 500, Add	*0.78*	
		For >5,000 To 10,000, Deduct	*-0.30*	
		For >10,000 To 15,000, Deduct	*-0.59*	
		For >15,000 To 30,000, Deduct	*-0.92*	
		For >30,000, Deduct	*-1.22*	

09 01 90 52-0031 Tile Surfaces, Surface Preparation *(09 01 90 52-0001)*

09 01 90 52-0032	SF	Trisodium Phosphate (TSP), Clean Tile Surfaces, Surface Preparation	0.42	
		For Up To 100, Add	*0.30*	
		For >100 To 250, Add	*0.14*	
		For >250 To 500, Add	*0.06*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 15,000, Deduct	*-0.04*	
		For >15,000 To 30,000, Deduct	*-0.06*	
		For >30,000, Deduct	*-0.08*	
09 01 90 52-0033	CSF	Chemical Alkaline Cleaner, Brush And Wash Tile Surfaces, Surface Preparation	41.06	
		For Up To 100, Add	*30.52*	
		For >100 To 250, Add	*14.24*	
		For >250 To 500, Add	*6.10*	
		For >5,000 To 10,000, Deduct	*-2.05*	
		For >10,000 To 15,000, Deduct	*-4.09*	
		For >15,000 To 30,000, Deduct	*-6.15*	
		For >30,000, Deduct	*-8.19*	
09 01 90 52-0034	SF	2,000 To 5,000 PSI, Pressure Wash Tile Surfaces, Surface Preparation	0.42	
		For Up To 100, Add	*0.26*	
		For >100 To 250, Add	*0.12*	
		For >250 To 500, Add	*0.05*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 15,000, Deduct	*-0.04*	
		For >15,000 To 30,000, Deduct	*-0.06*	
		For >30,000, Deduct	*-0.08*	

09 01 90 52-0035 Wood Surfaces, Surface Preparation *(09 01 90 52-0001)*

09 01 90 52-0036	SF	Prepare New Wood Floor For Finish, Multi Grit Sanding/Screening	1.52	
		For Up To 100, Add	*1.07*	
		For >100 To 250, Add	*0.50*	
		For >250 To 500, Add	*0.21*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 15,000, Deduct	*-0.15*	
		For >15,000 To 30,000, Deduct	*-0.23*	
		For >30,000, Deduct	*-0.30*	
09 01 90 52-0037	SF	Trisodium Phosphate (TSP), Clean Wood Surfaces, Surface Preparation	0.44	
		For Up To 100, Add	*0.32*	
		For >100 To 250, Add	*0.15*	
		For >250 To 500, Add	*0.06*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 15,000, Deduct	*-0.04*	
		For >15,000 To 30,000, Deduct	*-0.07*	
		For >30,000, Deduct	*-0.09*	
09 01 90 52-0038	SF	Chemical Clean, Brush And Wash Wood Surfaces, Surface Preparation	0.66	
		For Up To 100, Add	*0.36*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.07*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 15,000, Deduct	*-0.06*	
		For >15,000 To 30,000, Deduct	*-0.09*	
		For >30,000, Deduct	*-0.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 01 90 52-0039	SF	Hand Scrape Wood Surfaces, Surface Preparation	1.03	
		For Up To 100, Add	*0.77*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.15*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 15,000, Deduct	*-0.10*	
		For >15,000 To 30,000, Deduct	*-0.15*	
		For >30,000, Deduct	*-0.21*	
09 01 90 52-0040	SF	Steam Clean Wood Surfaces, Surface Preparation	0.93	
		For Up To 100, Add	*0.58*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >5,000 To 10,000, Deduct	*-0.04*	
		For >10,000 To 15,000, Deduct	*-0.09*	
		For >15,000 To 30,000, Deduct	*-0.13*	
		For >30,000, Deduct	*-0.18*	
09 01 90 52-0041	SF	2,000 To 5,000 PSI, Pressure Wash Wood Surfaces, Surface Preparation	0.63	
		For Up To 100, Add	*0.39*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 15,000, Deduct	*-0.06*	
		For >15,000 To 30,000, Deduct	*-0.09*	
		For >30,000, Deduct	*-0.12*	
09 01 90 52-0042	SF	Sanding Wood Paneling, Boards, Doors Or Other Wood Surfaces, Surface Preparation	0.87	
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >5,000 To 10,000, Deduct	*-0.04*	
		For >10,000 To 15,000, Deduct	*-0.08*	
		For >15,000 To 30,000, Deduct	*-0.13*	
		For >30,000, Deduct	*-0.17*	
09 01 90 52-0043	SF	Sanding Wood Trim Surfaces, Surface Preparation	1.17	
		For Up To 100, Add	*0.82*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.16*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 15,000, Deduct	*-0.11*	
		For >15,000 To 30,000, Deduct	*-0.17*	
		For >30,000, Deduct	*-0.23*	
09 01 90 52-0044	SF	Prime Wood Surfaces With Linseed Oil, 1 Coat, Surface Preparation	0.78	
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >5,000 To 10,000, Deduct	*-0.04*	
		For >10,000 To 15,000, Deduct	*-0.07*	
		For >15,000 To 30,000, Deduct	*-0.11*	
		For >30,000, Deduct	*-0.15*	
09 01 90 52-0045	SF	Paint Wood Surfaces With Linseed Oil, 1 Coat, Surface Preparation	0.90	
		For Up To 100, Add	*0.57*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.11*	
		For >5,000 To 10,000, Deduct	*-0.04*	
		For >10,000 To 15,000, Deduct	*-0.08*	
		For >15,000 To 30,000, Deduct	*-0.13*	
		For >30,000, Deduct	*-0.17*	

09 01 90 52-0046 Vinyl Siding Surfaces, Surface Preparation *(09 01 90 52-0001)*

09 01 90 52-0047	SF	Trisodium Phosphate (TSP), Clean, Vinyl Siding Surfaces, Surface Preparation	0.42	
		For Up To 100, Add	*0.30*	
		For >100 To 250, Add	*0.14*	
		For >250 To 500, Add	*0.06*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 15,000, Deduct	*-0.04*	
		For >15,000 To 30,000, Deduct	*-0.06*	
		For >30,000, Deduct	*-0.08*	
09 01 90 52-0048	SF	Hand Wash, Vinyl Siding Surfaces, Surface Preparation	0.66	
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.09*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 15,000, Deduct	*-0.06*	
		For >15,000 To 30,000, Deduct	*-0.10*	
		For >30,000, Deduct	*-0.13*	
09 01 90 52-0049	SF	2,000 To 5,000 PSI Pressure Wash, Vinyl Siding Surfaces, Surface Preparation	0.53	
		For Up To 100, Add	*0.31*	
		For >100 To 250, Add	*0.14*	
		For >250 To 500, Add	*0.06*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 15,000, Deduct	*-0.05*	
		For >15,000 To 30,000, Deduct	*-0.08*	
		For >30,000, Deduct	*-0.10*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 01 90 52-0050	SF	Steam Clean, Vinyl Siding Surfaces, Surface Preparation	0.98	
		For Up To 100, Add	*0.58*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >5,000 To 10,000, Deduct	*-0.04*	
		For >10,000 To 15,000, Deduct	*-0.09*	
		For >15,000 To 30,000, Deduct	*-0.14*	
		For >30,000, Deduct	*-0.19*	

09 01 90 52-0051 Plaster/Stucco Surfaces, Surface Preparation *(09 01 90 52-0001)*
Note: Based on total project quantity.

09 01 90 52-0052	SF	Trisodium Phosphate (TSP), Clean Plaster/Stucco Surfaces, Surface Preparation	0.48	
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 15,000, Deduct	*-0.05*	
		For >15,000 To 30,000, Deduct	*-0.07*	
		For >30,000, Deduct	*-0.10*	
09 01 90 52-0053	SF	2,000 To 5,000 PSI Pressure Wash Plaster/Stucco Surfaces, Surface Preparation	0.68	
		For Up To 100, Add	*0.41*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 15,000, Deduct	*-0.06*	
		For >15,000 To 30,000, Deduct	*-0.10*	
		For >30,000, Deduct	*-0.13*	

09 01 90 52-0054 Prep Work *(09 01 90 52-0001)*

09 01 90 52-0055	SF	Citrus Strip, Single Applications Note: For removal of up to 40 mils each application (average 5 layers at 8 mils per layer) dried latex and oil-based paint, varnish, lacquer, polyurethane and shellac from wood, metal, and masonry surfaces. Multiple applications may be necessary, refer to manufacturer recommendations	1.17	

09 01 90 61 Repainting *(09 01 90)*

09 01 90 61-0001 Touchup and "Spot" Painting Of Surfaces *(09 01 90 61)*
Note: For use on individual areas less than 10 SF.

09 01 90 61-0002	SF	"Spot" Paint Drywall, Plaster, Wood And Concrete Surfaces, Per Coat	1.46	

09 01 90 91 Paint Restoration *(09 01 90)*

09 01 90 91-0001 Paint Removal, Strip To Bare Wood *(09 01 90 91)*

09 01 90 91-0002	SF	Flat Surfaces, Paint Removal, Strip To Bare Wood	7.47	
09 01 90 91-0003	SF	Cornices And Decorative Trim To 12" Wide, Paint Removal, Strip To Bare Wood	7.96	

09 05 Common Work Results for Finishes *(09)*

09 05 61 Common Work Results for Flooring Preparation *(09 05)*

09 05 61 13 Moisture Vapor Emission Control *(09 05 61)*

09 05 61 13-0001 Moisture Vapor Reduction System (Koster VAP) *(09 05 61 13)*

09 05 61 13-0002	SF	Up To 200 SF, Water Vapor Emission Control System (Koster VAP 1-2000) Note: Clear	15.71	
09 05 61 13-0003	SF	>200 To 500 SF, Water Vapor Emission Control System (Koster VAP 1-2000) Note: Clear	12.46	
09 05 61 13-0004	SF	>500 To 1,000 SF, Water Vapor Emission Control System (Koster VAP 1-2000) Note: Clear	8.31	
09 05 61 13-0005	SF	>1,000 To 3,000 SF, Water Vapor Emission Control System (Koster VAP 1-2000) Note: Clear	6.93	
09 05 61 13-0006	SF	>3,000 SF, Water Vapor Emission Control System (Koster VAP 1-2000) Note: Clear	5.53	

09 05 61 13-0007 Moisture Vapor Transmission Control (Dependable Cutdown® II) *(09 05 61 13)*

09 05 61 13-0008	SF	8# Two Coats, Moisture Vapor Transmission Control (Dependable Cutdown® II)	3.39	
09 05 61 13-0009	SF	15# Two Coats, Moisture Vapor Transmission Control (Dependable Cutdown® II)	4.49	

09 05 71 Acoustic Underlayment *(09 05)*

09 05 71 00-0001 Tile And Stone Acoustical Underlayment *(09 05 71)*

09 05 71 00-0002	SF	5 Mil Tile And Stone Acoustical Underlayment (EasyMat)	4.62	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*0.54*	

09 05 71 00-0003 Resilient Floor Acoustical Underlayment *(09 05 71)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 05 71 00-0004	SF	Vinyl, Linoleum, LVT And Vinyl Strip Flooring Acoustical Underlayment (Impacta, Soundseal VC300)	3.06	
09 05 71 00-0005	SF	2 MM Thick Resilient Plank Floor Acoustical Underlayment (Floormuffler)	1.52	
09 05 71 00-0006	SF	0.055" Thick High-Density Polyurethane Foam Floor Acoustical Underlayment (Silencer LVT)	1.44	

09 20 Plaster and Gypsum Board *(09)*

09 22 Supports for Plaster and Gypsum Board *(09 20)*

Note: Per SF of wall area measures one side. Do not deduct for opens of less than 25 SF when calculating total wall square footage.

09 22 13 Metal Furring *(09 22)*

09 22 13 13 Metal Channel Furring *(09 22 13)*

09 22 13 13-0001 Hat Furring Channel *(09 22 13 13)*

Note: Includes clips where required.

09 22 13 13-0002 Installed On Walls, Hat Furring Channel *(09 22 13 13-0001)*

09 22 13 13-0003	SF	7/8", 25 Gauge, 16" On Center, Installed On Walls, Hat Furring Channel	4.73	1.72
		For Walls >10' High, Add	*0.51*	
		For 24" On Center, Deduct	*-0.60*	
		For 12" On Center, Add	*0.77*	
		For 22 Gauge, Add	*0.65*	
		For 20 Gauge, Add	*1.37*	
09 22 13 13-0004	SF	1-1/2", 25 Gauge, 16" On Center, Installed On Walls, Hat Furring Channel	5.25	1.72
		For Walls >10' High, Add	*0.51*	
		For 24" On Center, Deduct	*-0.71*	
		For 12" On Center, Add	*0.88*	
		For 22 Gauge, Add	*0.91*	
		For 20 Gauge, Add	*1.72*	

09 22 13 13-0005 Installed On Columns And Beams, Hat Furring Channel *(09 22 13 13-0001)*

09 22 13 13-0006	SF	7/8", 25 Gauge, 16" On Center, Installed On Columns And Beams, Hat Furring Channel	6.58	2.63
		For Columns And Beams >10' High, Add	*1.06*	
		For 24" On Center, Deduct	*-0.79*	
		For 12" On Center, Add	*1.05*	
		For 22 Gauge, Add	*0.65*	
		For 20 Gauge, Add	*1.65*	
09 22 13 13-0007	SF	1-1/2", 25 Gauge, 16" On Center, Installed On Columns And Beams, Hat Furring Channel	7.10	2.63
		For Columns And Beams >10' High, Add	*1.06*	
		For 24" On Center, Deduct	*-0.89*	
		For 12" On Center, Add	*1.16*	
		For 22 Gauge, Add	*0.91*	
		For 20 Gauge, Add	*1.99*	

09 22 13 13-0008 Installed On Ceilings, Hat Furring Channel *(09 22 13 13-0001)*

09 22 13 13-0009	SF	7/8", 25 Gauge, 16" On Center, Installed On Ceilings, Hat Furring Channel	6.38	2.11
		For Ceilings >10' High, Add	*0.63*	
		For 24" On Center, Deduct	*-0.85*	
		For 12" On Center, Add	*1.07*	
		For 22 Gauge, Add	*1.08*	
		For 20 Gauge, Add	*2.06*	
09 22 13 13-0010	SF	1-1/2", 25 Gauge, 16" On Center, Installed On Ceilings, Hat Furring Channel	6.90	2.11
		For Ceilings >10' High, Add	*0.63*	
		For 24" On Center, Deduct	*-0.96*	
		For 12" On Center, Add	*1.17*	
		For 22 Gauge, Add	*1.34*	
		For 20 Gauge, Add	*2.40*	

09 22 13 13-0011 Z Furring Channel *(09 22 13 13)*

09 22 13 13-0012 Installed On Walls, Z Furring Channel *(09 22 13 13-0011)*

09 22 13 13-0013	SF	1", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel	3.76	1.72
		For Walls >10' High, Add	*0.51*	
		For 24" On Center, Deduct	*-0.41*	
		For 12" On Center, Add	*0.58*	
		For 22 Gauge, Add	*0.17*	
		For 20 Gauge, Add	*0.73*	
09 22 13 13-0014	SF	1-1/2", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel	3.82	1.72
		For Walls >10' High, Add	*0.51*	
		For 24" On Center, Deduct	*-0.42*	
		For 12" On Center, Add	*0.59*	
		For 22 Gauge, Add	*0.20*	
		For 20 Gauge, Add	*0.77*	
09 22 13 13-0015	SF	2", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel	3.88	1.72
		For Walls >10' High, Add	*0.51*	
		For 24" On Center, Deduct	*-0.43*	
		For 12" On Center, Add	*0.60*	
		For 22 Gauge, Add	*0.23*	
		For 20 Gauge, Add	*0.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 13 13-0016	SF	2-1/2", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel	3.92	1.72
		For Walls >10' High, Add	*0.51*	
		For 24" On Center, Deduct	*-0.44*	
		For 12" On Center, Add	*0.61*	
		For 22 Gauge, Add	*0.25*	
		For 20 Gauge, Add	*0.84*	
09 22 13 13-0017	SF	3", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel	3.96	1.72
		For Walls >10' High, Add	*0.51*	
		For 24" On Center, Deduct	*-0.45*	
		For 12" On Center, Add	*0.62*	
		For 22 Gauge, Add	*0.27*	
		For 20 Gauge, Add	*0.86*	

09 22 13 23 Resilient Channel Furring *(09 22 13)*

09 22 13 23-0001 Single-Leg Resilient Channel, RC1 Furring Channel *(09 22 13 23)*

Note: Includes clips where required.

09 22 13 23-0002 Installed On Walls, Single-Leg Resilient Channel, RC1 Furring Channel *(09 22 13 23-0001)*

09 22 13 23-0003	SF	25 Gauge, 16" On Center, Installed On Walls, Single-Leg Resilient Channel, RC1 Furring Channel	4.12	1.72
		For Walls >10' High, Add	*0.51*	
		For 24" On Center, Deduct	*-0.48*	
		For 12" On Center, Add	*0.65*	
		For 20 Gauge, Add	*0.97*	

09 22 13 23-0004 Installed On Ceilings, Single-Leg Resilient Channel, RC1 Furring Channel *(09 22 13 23-0001)*

09 22 13 23-0005	SF	25 Gauge, 16" On Center, Installed On Ceilings, Single-Leg Resilient Channel, RC1 Furring Channel	4.91	2.11
		For Ceilings >10' High, Add	*0.63*	
		For 24" On Center, Deduct	*-0.56*	
		For 12" On Center, Add	*0.77*	
		For 20 Gauge, Add	*1.09*	

09 22 13 23-0006 Double-Leg Resilient Channel, RC2 Furring Channel *(09 22 13 23)*

Note: Includes clips where required.

09 22 13 23-0007 Installed On Walls, Double-Leg Resilient Channel, RC2 Furring Channel *(09 22 13 23-0006)*

09 22 13 23-0008	SF	25 Gauge, 16" On Center, Installed On Walls, Double-Leg Resilient Channel, RC2 Furring Channel	4.38	1.72
		For Walls >10' High, Add	*0.51*	
		For 24" On Center, Deduct	*-0.53*	
		For 12" On Center, Add	*0.70*	
		For 20 Gauge, Add	*1.14*	

09 22 13 23-0009 Installed On Ceilings, Double-Leg Resilient Channel, RC2 Furring Channel *(09 22 13 23-0006)*

09 22 13 23-0010	SF	25 Gauge, 16" On Center, Installed On Ceilings, Double-Leg Resilient Channel, RC2 Furring Channel	5.17	2.11
		For Ceilings >10' High, Add	*0.63*	
		For 24" On Center, Deduct	*-0.61*	
		For 12" On Center, Add	*0.82*	
		For 20 Gauge, Add	*1.26*	

09 22 16 Non-Structural Metal Framing *(09 22)*

Note: Includes studs, bridging, fasteners, and metal stiffener at half height. Do not deduct for openings of less than 25 SF.

09 22 16 13 Non-Structural Metal Stud Framing *(09 22 16)*

09 22 16 13-0001 25 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners *(09 22 16 13)*

09 22 16 13-0002	SF	1-5/8" Width, 16" On Center, 25 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners	3.19	0.71
		For Powder-Actuated Fasteners Every 2', Add	*0.06*	
		For Walls >10' High, Add	*0.64*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.74*	
		For Soffit, Columns Or Beams >10' High, Add	*2.28*	
		For Horizontal Installation Up To 10' High, Add	*0.59*	
		For Horizontal Installation >10' High, Add	*0.76*	
		For Curved Wall, Add	*0.53*	
		For 12" On Center, Add	*0.55*	
		For 24" On Center, Deduct	*-0.55*	
		For Up To 100, Add	*0.99*	
		For >100 To 300, Add	*0.50*	
		For >1,000, Deduct	*-0.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 16 13-0003	SF	2-1/2" Width, 16" On Center, 25 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners	3.45	0.75
		For Powder-Actuated Fasteners Every 2', Add	*0.06*	
		For Walls >10' High, Add	*0.69*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.84*	
		For Soffit, Columns Or Beams >10' High, Add	*2.40*	
		For Horizontal Installation Up To 10' High, Add	*0.63*	
		For Horizontal Installation >10' High, Add	*0.81*	
		For Curved Wall, Add	*0.56*	
		For 12" On Center, Add	*0.60*	
		For 24" On Center, Deduct	*-0.60*	
		For Up To 100, Add	*1.06*	
		For >100 To 300, Add	*0.53*	
		For >1,000, Deduct	*-0.33*	
09 22 16 13-0004	SF	3-5/8" Width, 16" On Center, 25 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners	3.78	0.78
		For Powder-Actuated Fasteners Every 2', Add	*0.06*	
		For Walls >10' High, Add	*0.76*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.95*	
		For Soffit, Columns Or Beams >10' High, Add	*2.53*	
		For Horizontal Installation Up To 10' High, Add	*0.67*	
		For Horizontal Installation >10' High, Add	*0.87*	
		For Curved Wall, Add	*0.59*	
		For 12" On Center, Add	*0.66*	
		For 24" On Center, Deduct	*-0.66*	
		For Up To 100, Add	*1.15*	
		For >100 To 300, Add	*0.57*	
		For >1,000, Deduct	*-0.37*	
09 22 16 13-0005	SF	4" Width, 16" On Center, 25 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners	4.07	0.82
		For Powder-Actuated Fasteners Every 2', Add	*0.06*	
		For Walls >10' High, Add	*0.81*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.06*	
		For Soffit, Columns Or Beams >10' High, Add	*2.67*	
		For Horizontal Installation Up To 10' High, Add	*0.72*	
		For Horizontal Installation >10' High, Add	*0.92*	
		For Curved Wall, Add	*0.62*	
		For 12" On Center, Add	*0.71*	
		For 24" On Center, Deduct	*-0.71*	
		For Up To 100, Add	*1.23*	
		For >100 To 300, Add	*0.61*	
		For >1,000, Deduct	*-0.40*	
09 22 16 13-0006	SF	6" Width, 16" On Center, 25 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners	4.63	0.86
		For Powder-Actuated Fasteners Every 2', Add	*0.06*	
		For Walls >10' High, Add	*0.93*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.19*	
		For Soffit, Columns Or Beams >10' High, Add	*2.84*	
		For Horizontal Installation Up To 10' High, Add	*0.79*	
		For Horizontal Installation >10' High, Add	*1.00*	
		For Curved Wall, Add	*0.65*	
		For 12" On Center, Add	*0.82*	
		For 24" On Center, Deduct	*-0.82*	
		For Up To 100, Add	*1.36*	
		For >100 To 300, Add	*0.68*	
		For >1,000, Deduct	*-0.48*	

09 22 16 13-0007 20 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners *(09 22 16 13)*

09 22 16 13-0008	SF	1-5/8" Width, 16" On Center, 20 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners	3.72	0.72
		For Powder-Actuated Fasteners Every 2', Add	*0.06*	
		For Walls >10' High, Add	*0.74*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.84*	
		For Soffit, Columns Or Beams >10' High, Add	*2.39*	
		For Horizontal Installation Up To 10' High, Add	*0.65*	
		For Horizontal Installation >10' High, Add	*0.83*	
		For Curved Wall, Add	*0.55*	
		For 12" On Center, Add	*0.65*	
		For 24" On Center, Deduct	*-0.65*	
		For Up To 100, Add	*1.11*	
		For >100 To 300, Add	*0.56*	
		For >1,000, Deduct	*-0.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 16 13-0009	SF	2-1/2" Width, 16" On Center, 20 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners	4.14	0.77
		For Powder-Actuated Fasteners Every 2', Add	*0.06*	
		For Walls >10' High, Add	*0.83*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.95*	
		For Soffit, Columns Or Beams >10' High, Add	*2.53*	
		For Horizontal Installation Up To 10' High, Add	*0.70*	
		For Horizontal Installation >10' High, Add	*0.89*	
		For Curved Wall, Add	*0.58*	
		For 12" On Center, Add	*0.73*	
		For 24" On Center, Deduct	*-0.73*	
		For Up To 100, Add	*1.21*	
		For >100 To 300, Add	*0.61*	
		For >1,000, Deduct	*-0.43*	
09 22 16 13-0010	SF	3-5/8" Width, 16" On Center, 20 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners	4.64	0.80
		For Powder-Actuated Fasteners Every 2', Add	*0.06*	
		For Walls >10' High, Add	*0.93*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.08*	
		For Soffit, Columns Or Beams >10' High, Add	*2.69*	
		For Horizontal Installation Up To 10' High, Add	*0.77*	
		For Horizontal Installation >10' High, Add	*0.97*	
		For Curved Wall, Add	*0.61*	
		For 12" On Center, Add	*0.83*	
		For 24" On Center, Deduct	*-0.83*	
		For Up To 100, Add	*1.33*	
		For >100 To 300, Add	*0.67*	
		For >1,000, Deduct	*-0.49*	
09 22 16 13-0011	SF	4" Width, 16" On Center, 20 Gauge, Non-Load Bearing, Non-Structural Structural, Galvanized Steel Framing With Tracks And Runners	4.96	0.84
		For Powder-Actuated Fasteners Every 2', Add	*0.06*	
		For Walls >10' High, Add	*0.99*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.18*	
		For Soffit, Columns Or Beams >10' High, Add	*2.82*	
		For Horizontal Installation Up To 10' High, Add	*0.81*	
		For Horizontal Installation >10' High, Add	*1.02*	
		For Curved Wall, Add	*0.63*	
		For 12" On Center, Add	*0.89*	
		For 24" On Center, Deduct	*-0.89*	
		For Up To 100, Add	*1.41*	
		For >100 To 300, Add	*0.71*	
		For >1,000, Deduct	*-0.53*	
09 22 16 13-0012	SF	6" Width, 16" On Center, 20 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners	7.33	0.88
		For Powder-Actuated Fasteners Every 2', Add	*0.06*	
		For Walls >10' High, Add	*1.47*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.50*	
		For Soffit, Columns Or Beams >10' High, Add	*3.16*	
		For Horizontal Installation Up To 10' High, Add	*1.06*	
		For Horizontal Installation >10' High, Add	*1.29*	
		For Curved Wall, Add	*0.66*	
		For 12" On Center, Add	*1.36*	
		For 24" On Center, Deduct	*-1.36*	
		For Up To 100, Add	*1.91*	
		For >100 To 300, Add	*0.95*	
		For >1,000, Deduct	*-0.88*	

09 22 16 13-0013 18 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners *(09 22 16 13)*

09 22 16 13-0014	SF	2-1/2" Width, 16" On Center, 18 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners	6.13	0.78
		For Powder-Actuated Fasteners Every 2', Add	*0.06*	
		For Walls >10' High, Add	*1.23*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.18*	
		For Soffit, Columns Or Beams >10' High, Add	*2.77*	
		For Horizontal Installation Up To 10' High, Add	*0.91*	
		For Horizontal Installation >10' High, Add	*1.10*	
		For Curved Wall, Add	*0.59*	
		For 12" On Center, Add	*1.13*	
		For 24" On Center, Deduct	*-1.13*	
		For Up To 100, Add	*1.62*	
		For >100 To 300, Add	*0.81*	
		For >1,000, Deduct	*-0.72*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 16 13-0015	SF	3-5/8" Width, 16" On Center, 18 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners	6.85	0.82
		For Powder-Actuated Fasteners Every 2', Add	*0.06*	
		For Walls >10' High, Add	*1.37*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.34*	
		For Soffit, Columns Or Beams >10' High, Add	*2.96*	
		For Horizontal Installation Up To 10' High, Add	*1.00*	
		For Horizontal Installation >10' High, Add	*1.20*	
		For Curved Wall, Add	*0.62*	
		For 12" On Center, Add	*1.27*	
		For 24" On Center, Deduct	*-1.27*	
		For Up To 100, Add	*1.78*	
		For >100 To 300, Add	*0.89*	
		For >1,000, Deduct	*-0.82*	
09 22 16 13-0016	SF	4" Width, 16" On Center, 18 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners	7.38	0.86
		For Powder-Actuated Fasteners Every 2', Add	*0.06*	
		For Walls >10' High, Add	*1.48*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.47*	
		For Soffit, Columns Or Beams >10' High, Add	*3.11*	
		For Horizontal Installation Up To 10' High, Add	*1.06*	
		For Horizontal Installation >10' High, Add	*1.28*	
		For Curved Wall, Add	*0.65*	
		For 12" On Center, Add	*1.37*	
		For 24" On Center, Deduct	*-1.37*	
		For Up To 100, Add	*1.91*	
		For >100 To 300, Add	*0.95*	
		For >1,000, Deduct	*-0.89*	
09 22 16 13-0017	SF	6" Width, 16" On Center, 18 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners	9.97	0.90
		For Powder-Actuated Fasteners Every 2', Add	*0.06*	
		For Walls >10' High, Add	*1.99*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.82*	
		For Soffit, Columns Or Beams >10' High, Add	*3.51*	
		For Horizontal Installation Up To 10' High, Add	*1.34*	
		For Horizontal Installation >10' High, Add	*1.57*	
		For Curved Wall, Add	*0.68*	
		For 12" On Center, Add	*1.88*	
		For 24" On Center, Deduct	*-1.88*	
		For Up To 100, Add	*2.45*	
		For >100 To 300, Add	*1.23*	
		For >1,000, Deduct	*-1.27*	
09 22 16 13-0018	SF	8" Width, 16" On Center, 18 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners	10.90	0.97
		For Powder-Actuated Fasteners Every 2', Add	*0.06*	
		For Walls >10' High, Add	*2.18*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.99*	
		For Soffit, Columns Or Beams >10' High, Add	*3.71*	
		For Horizontal Installation Up To 10' High, Add	*1.45*	
		For Horizontal Installation >10' High, Add	*1.69*	
		For Curved Wall, Add	*0.71*	
		For 12" On Center, Add	*2.06*	
		For 24" On Center, Deduct	*-2.06*	
		For Up To 100, Add	*2.66*	
		For >100 To 300, Add	*1.33*	
		For >1,000, Deduct	*-1.40*	

09 22 16 13-0019 16 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners *(09 22 16 13)*

09 22 16 13-0020	SF	2-1/2" Width, 16" On Center, 16 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners	6.56	0.80
		For Powder-Actuated Fasteners Every 2', Add	*0.06*	
		For Walls >10' High, Add	*1.31*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.27*	
		For Soffit, Columns Or Beams >10' High, Add	*2.88*	
		For Horizontal Installation Up To 10' High, Add	*0.96*	
		For Horizontal Installation >10' High, Add	*1.16*	
		For Curved Wall, Add	*0.61*	
		For 12" On Center, Add	*1.21*	
		For 24" On Center, Deduct	*-1.21*	
		For Up To 100, Add	*1.72*	
		For >100 To 300, Add	*0.86*	
		For >1,000, Deduct	*-0.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 16 13-0021	SF	3-5/8" Width, 16" On Center, 16 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners	7.87	0.84
		For Powder-Actuated Fasteners Every 2', Add	*0.06*	
		For Walls >10' High, Add	*1.57*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.48*	
		For Soffit, Columns Or Beams >10' High, Add	*3.11*	
		For Horizontal Installation Up To 10' High, Add	*1.10*	
		For Horizontal Installation >10' High, Add	*1.31*	
		For Curved Wall, Add	*0.63*	
		For 12" On Center, Add	*1.47*	
		For 24" On Center, Deduct	*-1.47*	
		For Up To 100, Add	*2.00*	
		For >100 To 300, Add	*1.00*	
		For >1,000, Deduct	*-0.97*	
09 22 16 13-0022	SF	4" Width, 16" On Center, 16 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners	8.33	0.88
		For Powder-Actuated Fasteners Every 2', Add	*0.06*	
		For Walls >10' High, Add	*1.67*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.60*	
		For Soffit, Columns Or Beams >10' High, Add	*3.26*	
		For Horizontal Installation Up To 10' High, Add	*1.16*	
		For Horizontal Installation >10' High, Add	*1.39*	
		For Curved Wall, Add	*0.66*	
		For 12" On Center, Add	*1.56*	
		For 24" On Center, Deduct	*-1.56*	
		For Up To 100, Add	*2.11*	
		For >100 To 300, Add	*1.05*	
		For >1,000, Deduct	*-1.03*	
09 22 16 13-0023	SF	6" Width, 16" On Center, 16 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners	10.83	0.93
		For Powder-Actuated Fasteners Every 2', Add	*0.06*	
		For Walls >10' High, Add	*2.17*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.95*	
		For Soffit, Columns Or Beams >10' High, Add	*3.65*	
		For Horizontal Installation Up To 10' High, Add	*1.43*	
		For Horizontal Installation >10' High, Add	*1.67*	
		For Curved Wall, Add	*0.70*	
		For 12" On Center, Add	*2.05*	
		For 24" On Center, Deduct	*-2.05*	
		For Up To 100, Add	*2.63*	
		For >100 To 300, Add	*1.32*	
		For >1,000, Deduct	*-1.39*	
09 22 16 13-0024	SF	8" Width, 16" On Center, 16 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners	12.01	0.99
		For Powder-Actuated Fasteners Every 2', Add	*0.06*	
		For Walls >10' High, Add	*2.40*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*3.16*	
		For Soffit, Columns Or Beams >10' High, Add	*3.90*	
		For Horizontal Installation Up To 10' High, Add	*1.57*	
		For Horizontal Installation >10' High, Add	*1.81*	
		For Curved Wall, Add	*0.74*	
		For 12" On Center, Add	*2.28*	
		For 24" On Center, Deduct	*-2.28*	
		For Up To 100, Add	*2.89*	
		For >100 To 300, Add	*1.45*	
		For >1,000, Deduct	*-1.56*	

09 22 16 13-0025 Galvanized Steel Backing Plates *(09 22 16 13)*

Note: Used to attach fixtures, cabinets, shelves or handrails to metal stud walls.

09 22 16 13-0026	LF	3" Wide, 25 Gauge Galvanized Steel Backing Plate	1.50
09 22 16 13-0027	LF	4" Wide, 25 Gauge Galvanized Steel Backing Plate	1.84
09 22 16 13-0028	LF	6" Wide, 25 Gauge Galvanized Steel Backing Plate	2.38
09 22 16 13-0029	LF	8" Wide, 25 Gauge Galvanized Steel Backing Plate	2.94
09 22 16 13-0030	LF	10" Wide, 25 Gauge Galvanized Steel Backing Plate	3.48
09 22 16 13-0031	LF	12" Wide, 25 Gauge Galvanized Steel Backing Plate	4.15
09 22 16 13-0032	LF	3" Wide, 20 Gauge Galvanized Steel Backing Plate	1.96
09 22 16 13-0033	LF	4" Wide, 20 Gauge Galvanized Steel Backing Plate	2.43
09 22 16 13-0034	LF	6" Wide, 20 Gauge Galvanized Steel Backing Plate	3.27
09 22 16 13-0035	LF	8" Wide, 20 Gauge Galvanized Steel Backing Plate	4.11
09 22 16 13-0036	LF	10" Wide, 20 Gauge Galvanized Steel Backing Plate	4.97
09 22 16 13-0037	LF	12" Wide, 20 Gauge Galvanized Steel Backing Plate	5.91
09 22 16 13-0038	LF	3" Wide, 16 Gauge Galvanized Steel Backing Plate	2.68
09 22 16 13-0039	LF	4" Wide, 16 Gauge Galvanized Steel Backing Plate	3.36
09 22 16 13-0040	LF	6" Wide, 16 Gauge Galvanized Steel Backing Plate	4.59
09 22 16 13-0041	LF	8" Wide, 16 Gauge Galvanized Steel Backing Plate	5.83
09 22 16 13-0042	LF	10" Wide, 16 Gauge Galvanized Steel Backing Plate	7.16
09 22 16 13-0043	LF	12" Wide, 16 Gauge Galvanized Steel Backing Plate	8.44
09 22 16 13-0044	LF	3" Wide, 14 Gauge Galvanized Steel Backing Plate	3.19
09 22 16 13-0045	LF	4" Wide, 14 Gauge Galvanized Steel Backing Plate	4.03
09 22 16 13-0046	LF	6" Wide, 14 Gauge Galvanized Steel Backing Plate	5.59
09 22 16 13-0047	LF	8" Wide, 14 Gauge Galvanized Steel Backing Plate	7.16
09 22 16 13-0048	LF	10" Wide, 14 Gauge Galvanized Steel Backing Plate	8.83
09 22 16 13-0049	LF	12" Wide, 14 Gauge Galvanized Steel Backing Plate	10.44

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 36		**Lath** *(09 22)*		
09 22 36 13		**Gypsum Lath** *(09 22 36)*		
09 22 36 13-0001		Plaster Base Gypsum Panels *(09 22 36 13)*		
09 22 36 13-0002	SF	3/8" Thick, Installed On Studs Or Furred Walls, Plaster Base Gypsum Panel	1.51	0.47
		For Walls >10' High, Add	*0.12*	
		For Up To 100, Add	*0.48*	
		For >100 To 500, Add	*0.24*	
		For >5,000, Deduct	*-0.10*	
09 22 36 13-0003	SF	1/2" Thick, Installed On Studs Or Furred Walls, Plaster Base Gypsum Panel	2.13	0.55
		For Walls >10' High, Add	*0.14*	
		For Up To 100, Add	*0.55*	
		For >100 To 500, Add	*0.28*	
		For >5,000, Deduct	*-0.11*	
09 22 36 13-0004	SF	5/8" Thick, Installed On Studs Or Furred Walls, Plaster Base Gypsum Panel	2.75	0.63
		For Walls >10' High, Add	*0.16*	
		For Up To 100, Add	*0.63*	
		For >100 To 500, Add	*0.32*	
		For >5,000, Deduct	*-0.13*	
09 22 36 13-0005	SF	3/8" Thick, Installed On Ceiling, Plaster Base Gypsum Panel	1.89	0.66
		For Ceilings >10' High, Add	*0.20*	
		For Up To 100, Add	*0.67*	
		For >100 To 500, Add	*0.33*	
		For >5,000, Deduct	*-0.13*	
09 22 36 13-0006	SF	1/2" Thick, Installed On Ceiling, Plaster Base Gypsum Panel	2.57	0.76
		For Ceilings >10' High, Add	*0.23*	
		For Up To 100, Add	*0.77*	
		For >100 To 500, Add	*0.39*	
		For >5,000, Deduct	*-0.15*	
09 22 36 13-0007	SF	5/8" Thick, Installed On Ceiling, Plaster Base Gypsum Panel	3.25	0.88
		For Ceilings >10' High, Add	*0.26*	
		For Up To 100, Add	*0.88*	
		For >100 To 500, Add	*0.44*	
		For >5,000, Deduct	*-0.18*	
09 22 36 13-0008	SF	3/8" Thick, Installed On Columns And Beams, Plaster Base Gypsum Panel	2.27	0.85
		For Columns And Beams >10' High, Add	*0.26*	
		For Up To 100, Add	*0.86*	
		For >100 To 500, Add	*0.43*	
		For >5,000, Deduct	*-0.17*	
09 22 36 13-0009	SF	1/2" Thick, Installed On Columns And Beams, Plaster Base Gypsum Panel	3.01	0.99
		For Columns And Beams >10' High, Add	*0.30*	
		For Up To 100, Add	*0.99*	
		For >100 To 500, Add	*0.50*	
		For >5,000, Deduct	*-0.20*	
09 22 36 13-0010	SF	5/8" Thick, Installed On Columns And Beams, Plaster Base Gypsum Panel	3.75	1.14
		For Columns And Beams >10' High, Add	*0.34*	
		For Up To 100, Add	*1.13*	
		For >100 To 500, Add	*0.57*	
		For >5,000, Deduct	*-0.23*	
09 22 36 13-0011		Firestop Plaster Base Gypsum Panels *(09 22 36 13)*		
09 22 36 13-0012	SF	3/8" Thick, Installed On Studs Or Furred Walls, Firestop Plaster Base Gypsum Panel	2.18	0.47
		For Walls >10' High, Add	*0.12*	
		For Up To 100, Add	*0.48*	
		For >100 To 500, Add	*0.24*	
		For >5,000, Deduct	*-0.10*	
09 22 36 13-0013	SF	1/2" Thick, Installed On Studs Or Furred Walls, Firestop Plaster Base Gypsum Panel	2.54	0.55
		For Walls >10' High, Add	*0.14*	
		For Up To 100, Add	*0.55*	
		For >100 To 500, Add	*0.28*	
		For >5,000, Deduct	*-0.11*	
09 22 36 13-0014	SF	3/8" Thick, Installed On Ceilings, Firestop Plaster Base Gypsum Panel	2.56	0.66
		For Ceilings >10' High, Add	*0.20*	
		For Up To 100, Add	*0.67*	
		For >100 To 500, Add	*0.33*	
		For >5,000, Deduct	*-0.13*	
09 22 36 13-0015	SF	1/2" Thick, Installed On Ceilings, Firestop Plaster Base Gypsum Panel	2.98	0.76
		For Ceilings >10' High, Add	*0.23*	
		For Up To 100, Add	*0.77*	
		For >100 To 500, Add	*0.39*	
		For >5,000, Deduct	*-0.15*	
09 22 36 13-0016	SF	3/8" Thick, Installed On Columns And Beams, Firestop Plaster Base Gypsum Panel	2.94	0.85
		For Columns And Beams >10' High, Add	*0.26*	
		For Up To 100, Add	*0.86*	
		For >100 To 500, Add	*0.43*	
		For >5,000, Deduct	*-0.17*	
09 22 36 13-0017	SF	1/2" Thick, Installed On Columns And Beams, Firestop Plaster Base Gypsum Panel	3.42	0.99
		For Columns And Beams >10' High, Add	*0.30*	
		For Up To 100, Add	*0.99*	
		For >100 To 500, Add	*0.50*	
		For >5,000, Deduct	*-0.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 36 13-0018		**Foil Back Plaster Base Gypsum Panels** *(09 22 36 13)*		
09 22 36 13-0019	SF	3/8" Thick, Installed On Studs Or Furred Walls, Foil Back Plaster Base Gypsum Panel	2.18	0.47
		For Walls >10' High, Add	*0.12*	
		For Up To 100, Add	*0.48*	
		For >100 To 500, Add	*0.24*	
		For >5,000, Deduct	*-0.10*	
09 22 36 13-0020	SF	1/2" Thick, Installed On Studs Or Furred Walls, Foil Back Plaster Base Gypsum Panel	2.54	0.55
		For Walls >10' High, Add	*0.14*	
		For Up To 100, Add	*0.55*	
		For >100 To 500, Add	*0.28*	
		For >5,000, Deduct	*-0.11*	
09 22 36 13-0021	SF	3/8" Thick, Installed On Ceiling, Foil Back Plaster Base Gypsum Panel	2.56	0.66
		For Ceilings >10' High, Add	*0.20*	
		For Up To 100, Add	*0.67*	
		For >100 To 500, Add	*0.33*	
		For >5,000, Deduct	*-0.13*	
09 22 36 13-0022	SF	1/2" Thick, Installed On Ceiling, Foil Back Plaster Base Gypsum Panel	2.98	0.76
		For Ceilings >10' High, Add	*0.23*	
		For Up To 100, Add	*0.77*	
		For >100 To 500, Add	*0.39*	
		For >5,000, Deduct	*-0.15*	
09 22 36 13-0023	SF	3/8" Thick, Installed On Columns And Beams, Foil Back Plaster Base Gypsum Panel	2.94	0.85
		For Columns And Beams >10' High, Add	*0.26*	
		For Up To 100, Add	*0.86*	
		For >100 To 500, Add	*0.43*	
		For >5,000, Deduct	*-0.17*	
09 22 36 13-0024	SF	1/2" Thick, Installed On Columns And Beams, Foil Back Plaster Base Gypsum Panel	3.42	0.99
		For Columns And Beams >10' High, Add	*0.30*	
		For Up To 100, Add	*0.99*	
		For >100 To 500, Add	*0.50*	
		For >5,000, Deduct	*-0.20*	
09 22 36 23		**Metal Lath** *(09 22 36)*		
09 22 36 23-0001		Flat Diamond, Expanded Metal Lath *(09 22 36 23)*		
09 22 36 23-0002	SF	1.75 Lb./SY, Installed On Studs Or Furred Walls, Flat Diamond, Expanded Metal Lath	2.52	0.65
		For Walls >10' High, Add	*0.18*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.74*	
		For >100 To 500, Add	*0.37*	
		For >5,000, Deduct	*-0.15*	
09 22 36 23-0003	SF	2 Lb./SY, Installed On Studs Or Furred Walls, Flat Diamond, Expanded Metal Lath	2.65	0.65
		For Walls >10' High, Add	*0.18*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.74*	
		For >100 To 500, Add	*0.37*	
		For >5,000, Deduct	*-0.15*	
09 22 36 23-0004	SF	2.5 Lb./SY, Installed On Studs Or Furred Walls, Flat Diamond, Expanded Metal Lath	2.78	0.65
		For Walls >10' High, Add	*0.18*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.74*	
		For >100 To 500, Add	*0.37*	
		For >5,000, Deduct	*-0.15*	
09 22 36 23-0005	SF	3.4 Lb./SY, Installed On Studs Or Furred Walls, Flat Diamond, Expanded Metal Lath	3.22	0.70
		For Walls >10' High, Add	*0.20*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.79*	
		For >100 To 500, Add	*0.39*	
		For >5,000, Deduct	*-0.16*	
09 22 36 23-0006	SF	1.75 Lb./SY, Installed On Ceiling, Flat Diamond, Expanded Metal Lath	2.73	0.75
		For Ceilings >10' High, Add	*0.25*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.84*	
		For >100 To 500, Add	*0.42*	
		For >5,000, Deduct	*-0.17*	
09 22 36 23-0007	SF	2 Lb./SY, Installed On Ceiling, Flat Diamond, Expanded Metal Lath	2.86	0.75
		For Ceilings >10' High, Add	*0.25*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.84*	
		For >100 To 500, Add	*0.42*	
		For >5,000, Deduct	*-0.17*	
09 22 36 23-0008	SF	2.5 Lb./SY, Installed On Ceiling, Flat Diamond, Expanded Metal Lath	2.99	0.75
		For Ceilings >10' High, Add	*0.25*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.84*	
		For >100 To 500, Add	*0.42*	
		For >5,000, Deduct	*-0.17*	
09 22 36 23-0009	SF	3.4 Lb./SY, Installed On Ceiling, Flat Diamond, Expanded Metal Lath	3.33	0.75
		For Ceilings >10' High, Add	*0.25*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.84*	
		For >100 To 500, Add	*0.42*	
		For >5,000, Deduct	*-0.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 36 23-0010	SF	1.75 Lb./SY, Installed On Columns And Beams, Flat Diamond, Expanded Metal Lath	3.57	1.06
		For Columns And Beams >10' High, Add	*0.35*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*1.17*	
		For >100 To 500, Add	*0.59*	
		For >5,000, Deduct	*-0.23*	
09 22 36 23-0011	SF	2 Lb./SY, Installed On Columns And Beams, Flat Diamond, Expanded Metal Lath	3.70	1.06
		For Columns And Beams >10' High, Add	*0.35*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*1.17*	
		For >100 To 500, Add	*0.59*	
		For >5,000, Deduct	*-0.23*	
09 22 36 23-0012	SF	2.5 Lb./SY, Installed On Columns And Beams, Flat Diamond, Expanded Metal Lath	3.84	1.06
		For Columns And Beams >10' High, Add	*0.35*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*1.17*	
		For >100 To 500, Add	*0.59*	
		For >5,000, Deduct	*-0.23*	
09 22 36 23-0013	SF	3.4 Lb./SY, Installed On Columns And Beams, Flat Diamond, Expanded Metal Lath	4.78	1.33
		For Columns And Beams >10' High, Add	*0.44*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*1.47*	
		For >100 To 500, Add	*0.74*	
		For >5,000, Deduct	*-0.29*	
09 22 36 23-0014		Self-Furring, Flat Diamond, Expanded Metal Lath *(09 22 36 23)*		
09 22 36 23-0015	SF	1.75 Lb./SY, Installed On Solid Wall Surface, Self-Furring, Flat Diamond, Expanded Metal Lath	2.62	0.70
		For Walls >10' High, Add	*0.20*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.79*	
		For >100 To 500, Add	*0.39*	
		For >5,000, Deduct	*-0.16*	
09 22 36 23-0016	SF	2.0 Lb./SY, Installed On Solid Wall Surface, Self-Furring, Flat Diamond, Expanded Metal Lath	2.75	0.70
		For Walls >10' High, Add	*0.20*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.79*	
		For >100 To 500, Add	*0.39*	
		For >5,000, Deduct	*-0.16*	
09 22 36 23-0017	SF	2.5 Lb./SY, Installed On Solid Wall Surface, Self-Furring, Flat Diamond, Expanded Metal Lath	2.88	0.70
		For Walls >10' High, Add	*0.20*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.79*	
		For >100 To 500, Add	*0.39*	
		For >5,000, Deduct	*-0.16*	
09 22 36 23-0018	SF	3.4 Lb./SY, Installed On Solid Wall Surface, Self-Furring, Flat Diamond, Expanded Metal Lath	3.22	0.70
		For Walls >10' High, Add	*0.20*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.79*	
		For >100 To 500, Add	*0.39*	
		For >5,000, Deduct	*-0.16*	
09 22 36 23-0019	SF	1.75 Lb./SY, Installed On Columns And Beams, Self-Furring, Flat Diamond, Expanded Metal Lath	4.17	1.33
		For Columns And Beams >10' High, Add	*0.44*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*1.47*	
		For >100 To 500, Add	*0.74*	
		For >5,000, Deduct	*-0.29*	
09 22 36 23-0020	SF	2.0 Lb./SY, Installed On Columns And Beams, Self-Furring, Flat Diamond, Expanded Metal Lath	4.30	1.33
		For Columns And Beams >10' High, Add	*0.44*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*1.47*	
		For >100 To 500, Add	*0.74*	
		For >5,000, Deduct	*-0.29*	
09 22 36 23-0021	SF	2.5 Lb./SY, Installed On Columns And Beams, Self-Furring, Flat Diamond, Expanded Metal Lath	4.44	1.33
		For Columns And Beams >10' High, Add	*0.44*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*1.47*	
		For >100 To 500, Add	*0.74*	
		For >5,000, Deduct	*-0.29*	
09 22 36 23-0022	SF	3.4 Lb./SY, Installed On Columns And Beams, Self-Furring, Flat Diamond, Expanded Metal Lath	5.19	1.51
		For Columns And Beams >10' High, Add	*0.50*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*1.68*	
		For >100 To 500, Add	*0.84*	
		For >5,000, Deduct	*-0.34*	
09 22 36 23-0023		High Rib Metal Lath *(09 22 36 23)*		
09 22 36 23-0024	SF	2.75 Lb./SY, Installed On Ceiling, 1/8" High Rib Metal Lath	3.10	0.75
		For Ceilings >10' High, Add	*0.25*	
		For Up To 100, Add	*0.84*	
		For >100 To 500, Add	*0.42*	
		For >5,000, Deduct	*-0.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 36 23-0025	SF	3.4 Lb./SY, Installed On Ceiling, 1/8" High Rib Metal Lath	3.29	0.75
		For Ceilings >10' High, Add	*0.25*	
		For Up To 100, Add	*0.84*	
		For >100 To 500, Add	*0.42*	
		For >5,000, Deduct	*-0.17*	
09 22 36 23-0026	SF	3.4 Lb./SY, Installed On Ceiling, 3/8" High Rib Metal Lath	3.41	0.75
		For Ceilings >10' High, Add	*0.25*	
		For Up To 100, Add	*0.84*	
		For >100 To 500, Add	*0.42*	
		For >5,000, Deduct	*-0.17*	
09 22 36 23-0027	SF	4.0 Lb./SY, Installed On Ceiling, 3/8" High Rib Metal Lath	3.63	0.75
		For Ceilings >10' High, Add	*0.25*	
		For Up To 100, Add	*0.84*	
		For >100 To 500, Add	*0.42*	
		For >5,000, Deduct	*-0.17*	

09 22 36 33 Fiberglass Lath *(09 22 36)*

09 22 36 33-0001 Non-Metallic, Fiberglass Lath *(09 22 36 33)*

09 22 36 33-0002	SF	1/8" Thick, Installed On Ceiling, Non-Metallic, Fiberglass Lath	3.40	0.75
		For Ceilings >10' High, Add	*0.25*	
		For Up To 100, Add	*0.84*	
		For >100 To 500, Add	*0.42*	
		For >5,000, Deduct	*-0.17*	
09 22 36 33-0003	SF	1/4" Thick, Installed On Ceiling, Non-Metallic, Fiberglass Lath	3.66	0.75
		For Ceilings >10' High, Add	*0.25*	
		For Up To 100, Add	*0.84*	
		For >100 To 500, Add	*0.42*	
		For >5,000, Deduct	*-0.17*	
09 22 36 33-0004	SF	1/8" Thick, Installed On Solid Wall Surface, Non-Metallic, Fiberglass Lath	3.29	0.70
		For Walls >10' High, Add	*0.20*	
		For Up To 100, Add	*0.79*	
		For >100 To 500, Add	*0.39*	
		For >5,000, Deduct	*-0.16*	
09 22 36 33-0005	SF	1/4" Thick, Installed On Solid Wall Surface, Non-Metallic, Fiberglass Lath	3.55	0.70
		For Walls >10' High, Add	*0.20*	
		For Up To 100, Add	*0.79*	
		For >100 To 500, Add	*0.39*	
		For >5,000, Deduct	*-0.16*	

09 23 Gypsum Plastering *(09 20)*

09 23 13 Acoustical Gypsum Plastering *(09 23)*

Note: Excludes lath, furring and studs. See CSI section 09 22 00 00-0000 for metal studs and furring, 09 22 36 00-0000 for lath.

09 23 13 00-0001 Casing And Corner Beads *(09 23 13)*

09 23 13 00-0002	LF	Galvanized Expanded Flange Casing Bead For Plaster Applications	4.44	1.06
09 23 13 00-0003	LF	Zinc Expanded Flange Casing Bead For Plaster Applications	4.45	1.06
09 23 13 00-0004	LF	Vinyl Expanded Flange Casing Bead For Plaster Applications	4.78	1.06
09 23 13 00-0005	LF	Galvanized Corner Bead For Plaster Applications	4.24	1.06
09 23 13 00-0006	LF	Vinyl Corner Bead For Plaster Applications	4.28	1.06

09 23 13 00-0007 Trim *(09 23 13)*

09 23 13 00-0008	LF	Galvanized "J" Trim For Plaster Applications	4.86	1.06
		For Vinyl Instead Of Galvanized, Add	*0.34*	
		For Zinc Instead Of Galvanized, Add	*2.28*	
09 23 13 00-0009	LF	Galvanized "L" Trim For Plaster Applications	4.86	1.06
		For Vinyl Instead Of Galvanized, Add	*0.34*	
		For Zinc Instead Of Galvanized, Add	*2.28*	
09 23 13 00-0010	LF	Galvanized "U" Trim For Plaster Applications	4.86	1.06
		For Vinyl Instead Of Galvanized, Add	*0.34*	
		For Zinc Instead Of Galvanized, Add	*2.28*	

09 23 13 00-0011 Plaster Forms And Expansion Joints *(09 23 13)*

09 23 13 00-0012	SF	1" Architectural Foam Forms To Cover With Plaster	5.15	
09 23 13 00-0013	LF	3/4" Galvanized Expansion Joint For Plaster Applications	5.37	1.06

09 23 13 00-0014 One Skim Coat Gypsum Plaster On Walls *(09 23 13)*

09 23 13 00-0015	SF	Skim Coat One Coat Gypsum Plaster On Walls	1.38	
		For Walls >10' High, Add	*0.12*	
		For Horizontal Installation Up To 10' High, Add	*0.18*	
		For Horizontal Installation >10' High, Add	*0.35*	
		For Columns Or Beams Up To 10' High, Add	*0.37*	
		For Columns Or Beams >10' High, Add	*0.54*	
		For Up To 100, Add	*0.59*	
		For >100 To 500, Add	*0.30*	
		For >5,000, Deduct	*-0.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 23 13 00-0016	SF	For Each Additional Coat Over One, Skim Coat Gypsum Plaster On Walls	1.01	
		For Walls >10' High, Add	*0.09*	
		For Horizontal Installation Up To 10' High, Add	*0.13*	
		For Horizontal Installation >10' High, Add	*0.26*	
		For Columns Or Beams Up To 10' High, Add	*0.27*	
		For Columns Or Beams >10' High, Add	*0.40*	
		For Up To 100, Add	*0.43*	
		For >100 To 500, Add	*0.22*	
		For >5,000, Deduct	*-0.17*	
09 23 13 00-0017		Two Coats Gypsum Plaster On Walls *(09 23 13)*		
09 23 13 00-0018	SF	Smooth Finish Two Coats Gypsum Plaster On Walls	6.88	3.96
		For Walls >10' High, Add	*0.65*	
		For Horizontal Installation Up To 10' High, Add	*0.98*	
		For Horizontal Installation >10' High, Add	*1.96*	
		For Columns Or Beams Up To 10' High, Add	*2.02*	
		For Columns Or Beams >10' High, Add	*3.00*	
		For Up To 100, Add	*3.26*	
		For >100 To 500, Add	*1.63*	
		For >5,000, Deduct	*-1.30*	
09 23 13 00-0019	SF	Sand Aggregate Two Coats Gypsum Plaster On Walls	7.04	3.74
		For Walls >10' High, Add	*0.61*	
		For Horizontal Installation Up To 10' High, Add	*0.92*	
		For Horizontal Installation >10' High, Add	*1.84*	
		For Columns Or Beams Up To 10' High, Add	*1.90*	
		For Columns Or Beams >10' High, Add	*2.82*	
		For Up To 100, Add	*3.06*	
		For >100 To 500, Add	*1.53*	
		For >5,000, Deduct	*-1.22*	
09 23 13 00-0020	SF	Perlite Or Vermiculite Two Coats Gypsum Plaster On Walls	7.07	3.74
		For Walls >10' High, Add	*0.61*	
		For Horizontal Installation Up To 10' High, Add	*0.92*	
		For Horizontal Installation >10' High, Add	*1.84*	
		For Columns Or Beams Up To 10' High, Add	*1.90*	
		For Columns Or Beams >10' High, Add	*2.82*	
		For Up To 100, Add	*3.06*	
		For >100 To 500, Add	*1.53*	
		For >5,000, Deduct	*-1.22*	
09 23 13 00-0021		Three Coats Gypsum Plaster On Walls *(09 23 13)*		
09 23 13 00-0022	SF	Smooth Finish Three Coats Gypsum Plaster On Walls	8.31	4.82
		For Walls >10' High, Add	*0.78*	
		For Horizontal Installation Up To 10' High, Add	*1.17*	
		For Horizontal Installation >10' High, Add	*2.34*	
		For Columns Or Beams Up To 10' High, Add	*2.41*	
		For Columns Or Beams >10' High, Add	*3.58*	
		For Up To 100, Add	*3.90*	
		For >100 To 500, Add	*1.95*	
		For >5,000, Deduct	*-1.56*	
09 23 13 00-0023	SF	Sand Aggregate Three Coats Gypsum Plaster On Walls	8.30	4.38
		For Walls >10' High, Add	*0.72*	
		For Horizontal Installation Up To 10' High, Add	*1.08*	
		For Horizontal Installation >10' High, Add	*2.17*	
		For Columns Or Beams Up To 10' High, Add	*2.24*	
		For Columns Or Beams >10' High, Add	*3.32*	
		For Up To 100, Add	*3.61*	
		For >100 To 500, Add	*1.81*	
		For >5,000, Deduct	*-1.44*	
09 23 13 00-0024	SF	Perlite Or Vermiculite Three Coats Gypsum Plaster On Walls	7.83	4.38
		For Walls >10' High, Add	*0.72*	
		For Horizontal Installation Up To 10' High, Add	*1.08*	
		For Horizontal Installation >10' High, Add	*2.16*	
		For Columns Or Beams Up To 10' High, Add	*2.23*	
		For Columns Or Beams >10' High, Add	*3.31*	
		For Up To 100, Add	*3.60*	
		For >100 To 500, Add	*1.80*	
		For >5,000, Deduct	*-1.44*	
09 23 13 00-0025		Plaster Bonding Agent *(09 23 13)*		
09 23 13 00-0026	SF	1 Coat, Brush/Roller Applied Plaster Bonding Agent	0.78	
		For Walls >10' High, Add	*0.06*	
		For Columns Or Beams Up To 10' High, Add	*0.19*	
		For Columns Or Beams >10' High, Add	*0.28*	
		For Ceiling Application Up To 10' High, Add	*0.08*	
		For Ceiling Application >10' High, Add	*0.14*	

09 24 Cement Plastering *(09 20)*

09 24 13 Acoustical Cement Plastering *(09 24)*

09 24 13 00-0001 Keene's Cement Plaster, Quick Setting, White Hard Plaster *(09 24 13)*
Note: Used for areas with higher than normal moisture.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 24 13 00-0002	SF	1 Coat Keene's Cement Plaster On Walls	5.44	2.67
		For Walls >10' High, Add	*0.43*	
		For Horizontal Installation Up To 10' High, Add	*0.64*	
		For Horizontal Installation >10' High, Add	*1.28*	
		For Columns Or Beams Up To 10' High, Add	*1.33*	
		For Columns Or Beams >10' High, Add	*1.97*	
		For Up To 100, Add	*2.14*	
		For >100 To 500, Add	*1.07*	
		For >5,000, Deduct	*-0.86*	
09 24 13 00-0003	SF	2 Coat Keene's Cement Plaster On Walls	8.24	4.17
		For Walls >10' High, Add	*0.68*	
		For Horizontal Installation Up To 10' High, Add	*1.02*	
		For Horizontal Installation >10' High, Add	*2.03*	
		For Columns Or Beams Up To 10' High, Add	*2.10*	
		For Columns Or Beams >10' High, Add	*3.12*	
		For Up To 100, Add	*3.39*	
		For >100 To 500, Add	*1.70*	
		For >5,000, Deduct	*-1.36*	
09 24 13 00-0004	SF	3 Coat Keene's Cement Plaster On Walls	9.33	4.70
		For Walls >10' High, Add	*0.77*	
		For Horizontal Installation Up To 10' High, Add	*1.15*	
		For Horizontal Installation >10' High, Add	*2.30*	
		For Columns Or Beams Up To 10' High, Add	*2.38*	
		For Columns Or Beams >10' High, Add	*3.53*	
		For Up To 100, Add	*3.84*	
		For >100 To 500, Add	*1.92*	
		For >5,000, Deduct	*-1.53*	

09 24 23 Cement Stucco *(09 24)*

Note: Packaged product reinforced with fibers. All plastering excludes lath, furring or studs except as noted. See CSI section 09 22 00 00-0000 for metal studs and furring.

09 24 23 00-0001 Stucco *(09 24 23)*

Note: Excludes wall scaffolding or lifting equipment.

09 24 23 00-0002	SF	Scratch/Brown/Finish, Three Coat Troweled Stucco Note: Excludes lath and felt. Interior or exterior, one side.	10.38	3.32
		For Walls >10' High, Add	*0.91*	
		For Horizontal Installation Up To 10' High, Add	*1.36*	
		For Horizontal Installation >10' High, Add	*2.72*	
		For Columns Or Beams Up To 10' High, Add	*2.81*	
		For Columns Or Beams >10' High, Add	*4.17*	
		For Color Added To Finish Coat, Add	*0.15*	
		For Smooth Float Finish, Add	*1.90*	
		For Up To 100, Add	*4.53*	
		For >100 To 500, Add	*2.27*	
		For >5,000, Deduct	*-1.81*	
09 24 23 00-0003	SF	Scratch/Brown, Two Coat Troweled Stucco Note: Excludes lath and felt. Interior or exterior, one side.	4.47	1.61
		For Walls >10' High, Add	*0.33*	
		For Horizontal Installation Up To 10' High, Add	*0.50*	
		For Horizontal Installation >10' High, Add	*1.00*	
		For Columns Or Beams Up To 10' High, Add	*1.03*	
		For Columns Or Beams >10' High, Add	*1.53*	
		For Up To 100, Add	*1.66*	
		For >100 To 500, Add	*0.83*	
		For >5,000, Deduct	*-0.66*	
09 24 23 00-0004	SF	Scratch/Finish, Two Coat Troweled Stucco Note: Excludes lath and felt. Interior or exterior, one side.	6.84	1.61
		For Walls >10' High, Add	*0.59*	
		For Horizontal Installation Up To 10' High, Add	*0.88*	
		For Horizontal Installation >10' High, Add	*1.76*	
		For Columns Or Beams Up To 10' High, Add	*1.82*	
		For Columns Or Beams >10' High, Add	*2.70*	
		For Color Added To Finish Coat, Add	*0.15*	
		For Smooth Float Finish, Add	*1.62*	
		For Up To 100, Add	*2.94*	
		For >100 To 500, Add	*1.47*	
		For >5,000, Deduct	*-1.18*	
09 24 23 00-0005	SF	Finish Coat Troweled Stucco Note: Excludes lath and felt. Interior or exterior, one side.	4.44	1.07
		For Walls >10' High, Add	*0.43*	
		For Horizontal Installation Up To 10' High, Add	*0.64*	
		For Horizontal Installation >10' High, Add	*1.28*	
		For Columns Or Beams Up To 10' High, Add	*1.33*	
		For Columns Or Beams >10' High, Add	*1.97*	
		For Color Added To Finish Coat, Add	*0.15*	
		For Smooth Float Finish, Add	*1.62*	
		For Up To 100, Add	*2.14*	
		For >100 To 500, Add	*1.07*	
		For >5,000, Deduct	*-0.86*	

09 24 33 Cement Parging *(09 24)*

09 24 33 00-0001 Cement Parging *(09 24 33)*

09 24 33 00-0002	SF	1/8" Thick Sand And Cement Parging	3.93	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 24 33 00-0003	SF	1/4" Thick Sand And Cement Parging	5.03	
09 24 33 00-0004	SF	1/2" Thick Sand And Cement Parging	7.73	

09 28 Backing Boards and Underlayments *(09 20)*

09 28 13 Cementitious Backing Boards *(09 28)*

09 28 13 00-0001 Cementitious Backer Units *(09 28 13)*

Note: Installed with mechanical fasteners to floor, wall and ceiling surfaces. Use thin-set from setting methods section for floor installations as applicable.

09 28 13 00-0002	SF	1/4" Cementitious Backer Units For Installation On Floors	3.94	0.71
		For Up To 50, Add	*3.12*	
		For >50 To 250, Add	*0.57*	
		For >1,000, Deduct	*-0.29*	
		For Installation On Wall, Add	*0.57*	
		For Installation On Ceiling, Add	*1.43*	
09 28 13 00-0003	SF	1/2" Cementitious Backer Units For Installation On Floors	4.53	0.86
		For Up To 50, Add	*3.69*	
		For >50 To 250, Add	*0.68*	
		For >1,000, Deduct	*-0.34*	
		For Installation On Wall, Add	*0.68*	
		For Installation On Ceiling, Add	*1.71*	
09 28 13 00-0004	SF	5/8" Cementitious Backer Units For Installation On Floors	5.56	1.00
		For Up To 50, Add	*4.38*	
		For >50 To 250, Add	*0.80*	
		For >1,000, Deduct	*-0.40*	
		For Installation On Wall, Add	*0.80*	
		For Installation On Ceiling, Add	*2.00*	

09 28 16 Glass-Mat Faced Gypsum Backing Boards *(09 28)*

09 28 16 00-0001 Glass Mat Faced Backer Units, DensShield *(09 28 16)*

Note: Installed with mechanical fasteners to floor, wall and ceiling surfaces. Use thin-set from setting methods section for floor installations as applicable.

09 28 16 00-0002	SF	1/2" DensShield Tile Backer For Installation On Floors	3.52	0.80
		For Up To 50, Add	*2.42*	
		For >50 To 250, Add	*0.41*	
		For >1,000, Deduct	*-0.21*	
		For Installation On Wall, Add	*0.41*	
		For Installation On Ceiling, Add	*1.03*	
09 28 16 00-0003	SF	5/8" DensShield Tile Backer For Installation On Floors	4.42	0.91
		For Up To 50, Add	*2.82*	
		For >50 To 250, Add	*0.46*	
		For >1,000, Deduct	*-0.23*	
		For Installation On Wall, Add	*0.46*	
		For Installation On Ceiling, Add	*1.14*	

09 29 Gypsum Board *(09 20)*

Note: Do not deduct for opens of less than 25 SF when calculating total wall square footage.

09 29 10 Gypsum Board *(09 29)*

09 29 10 00-0001 Standard Gypsum Board Application *(09 29 10)*

Note: Includes gypsum board screwed in place on walls, ceilings, beams, columns, soffits, etc. Excludes finishing. See CSI section 09 01 20 91-0001 for small repairs, 09 29 10 00-0034 for finishing gypsum board, 09 29 10 00-0047 for casing and corner bead.

09 29 10 00-0002 Standard Gypsum Board Application *(09 29 10 00-0001)*

09 29 10 00-0003	SF	1/4" Gypsum Board	1.44	0.45
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.21*	
		For Adhesive Applied Sheets, Add	*0.11*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.31*	
		For Horizontal Installation >10' High, Add	*0.46*	
		For Walls >10' High, Add	*0.07*	
		For Up To 128, Add	*0.47*	
		For >128 To 320, Add	*0.28*	
		For >1,536, Deduct	*-0.13*	
09 29 10 00-0004	SF	1/2" Gypsum Board	1.71	0.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.28*	
		For Adhesive Applied Sheets, Add	*0.12*	
		Note: Includes bracing until adhesive is bonded		
		For Foil Back Board, Add	*0.10*	
		For Horizontal Installation Up To 10' High, Add	*0.40*	
		For Horizontal Installation >10' High, Add	*0.59*	
		For Walls >10' High, Add	*0.09*	
		For Up To 128, Add	*0.58*	
		For >128 To 320, Add	*0.35*	
		For >1,536, Deduct	*-0.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 10 00-0005	SF	5/8" Gypsum Board	2.02	0.67
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.32*	
		For Adhesive Applied Sheets, Add	*0.13*	
		Note: Includes bracing until adhesive is bonded		
		For Foil Back Board, Add	*0.10*	
		For Horizontal Installation Up To 10' High, Add	*0.46*	
		For Horizontal Installation >10' High, Add	*0.68*	
		For Walls >10' High, Add	*0.11*	
		For Up To 128, Add	*0.68*	
		For >128 To 320, Add	*0.41*	
		For >1,536, Deduct	*-0.17*	
09 29 10 00-0006		Fire Rated Gypsum Board Application *(09 29 10 00-0001)*		
09 29 10 00-0007		Type X, Fire Rated Gypsum Board *(09 29 10 00-0006)*		
09 29 10 00-0008	SF	5/8" Type X Fire Rated Gypsum Board	2.13	0.67
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.35*	
		For Adhesive Applied Sheets, Add	*0.13*	
		Note: Includes bracing until adhesive is bonded		
		For Foil Back Board, Add	*0.10*	
		For Horizontal Installation Up To 10' High, Add	*0.51*	
		For Horizontal Installation >10' High, Add	*0.75*	
		For Walls >10' High, Add	*0.12*	
		For Up To 128, Add	*0.72*	
		For >128 To 320, Add	*0.44*	
		For >1,536, Deduct	*-0.17*	
09 29 10 00-0009		Type C, Fire Rated Gypsum Board *(09 29 10 00-0006)*		
09 29 10 00-0010	SF	1/2" Type C Fire Rated Gypsum Board	1.98	0.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.31*	
		For Adhesive Applied Sheets, Add	*0.13*	
		Note: Includes bracing until adhesive is bonded		
		For Foil Back Board, Add	*0.10*	
		For Horizontal Installation Up To 10' High, Add	*0.44*	
		For Horizontal Installation >10' High, Add	*0.65*	
		For Walls >10' High, Add	*0.10*	
		For Up To 128, Add	*0.66*	
		For >128 To 320, Add	*0.39*	
		For >1,536, Deduct	*-0.17*	
09 29 10 00-0011	SF	5/8" Type C Fire Rated Gypsum Board	2.21	0.67
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.35*	
		For Adhesive Applied Sheets, Add	*0.13*	
		Note: Includes bracing until adhesive is bonded		
		For Foil Back Board, Add	*0.10*	
		For Horizontal Installation Up To 10' High, Add	*0.51*	
		For Horizontal Installation >10' High, Add	*0.75*	
		For Walls >10' High, Add	*0.12*	
		For Up To 128, Add	*0.74*	
		For >128 To 320, Add	*0.44*	
		For >1,536, Deduct	*-0.18*	
09 29 10 00-0012		Fire Rated Gypsum Board (Sheetrock® Ultracode®) *(09 29 10 00-0006)*		
09 29 10 00-0013	SF	3/4" Fire Rated Gypsum Board (Sheetrock® Ultracode®)	3.13	0.67
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.36*	
		For Adhesive Applied Sheets, Add	*0.13*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.51*	
		For Horizontal Installation >10' High, Add	*0.75*	
		For Walls >10' High, Add	*0.12*	
		For Up To 128, Add	*0.92*	
		For >128 To 320, Add	*0.54*	
		For >1,536, Deduct	*-0.32*	
09 29 10 00-0014		Moisture Resistant Gypsum Board Application *(09 29 10 00-0001)*		
		Note: Water-resistant gypsum core.		
09 29 10 00-0015	SF	1/2" Moisture Resistant Gypsum Board	1.88	0.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.28*	
		For Adhesive Applied Sheets, Add	*0.12*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.40*	
		For Horizontal Installation >10' High, Add	*0.59*	
		For Walls >10' High, Add	*0.09*	
		For Up To 128, Add	*0.61*	
		For >128 To 320, Add	*0.37*	
		For >1,536, Deduct	*-0.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 10 00-0016	SF	5/8" Moisture Resistant Gypsum Board	2.47	0.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.32*	
		For Adhesive Applied Sheets, Add	*0.13*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.46*	
		For Horizontal Installation >10' High, Add	*0.68*	
		For Walls >10' High, Add	*0.11*	
		For Up To 128, Add	*0.77*	
		For >128 To 320, Add	*0.45*	
		For >1,536, Deduct	*-0.23*	
09 29 10 00-0017		Vinyl Faced Gypsum Board Application *(09 29 10 00-0001)*		
		Note: Includes clips and adhesive.		
09 29 10 00-0018	SF	1/2" Prefinished, Vinyl Faced Gypsum Board	4.11	0.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.30*	
		For Adhesive Applied Sheets, Add	*0.12*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.40*	
		For Horizontal Installation >10' High, Add	*0.59*	
		For Walls >10' High, Add	*0.09*	
		For Up To 128, Add	*1.06*	
		For >128 To 320, Add	*0.59*	
		For >1,536, Deduct	*-0.50*	
		For Walls >10' High, Add	*0.12*	
09 29 10 00-0019	SF	5/8" Prefinished, Vinyl Faced Gypsum Board	4.29	0.67
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.34*	
		For Adhesive Applied Sheets, Add	*0.13*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.46*	
		For Horizontal Installation >10' High, Add	*0.68*	
		For Walls >10' High, Add	*0.11*	
		For Up To 128, Add	*1.13*	
		For >128 To 320, Add	*0.63*	
		For >1,536, Deduct	*-0.51*	
		For Walls >10' High, Add	*0.14*	
09 29 10 00-0020	SF	1/2" Fire Rated, Prefinished Vinyl Faced Gypsum Board	4.75	0.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.33*	
		For Adhesive Applied Sheets, Add	*0.13*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.44*	
		For Horizontal Installation >10' High, Add	*0.65*	
		For Walls >10' High, Add	*0.10*	
		For Up To 128, Add	*1.21*	
		For >128 To 320, Add	*0.67*	
		For >1,536, Deduct	*-0.58*	
		For Walls >10' High, Add	*0.13*	
09 29 10 00-0021	SF	5/8" Fire Rated, Prefinished Vinyl Faced Gypsum Board	7.22	0.67
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.40*	
		For Adhesive Applied Sheets, Add	*0.13*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.51*	
		For Horizontal Installation >10' High, Add	*0.75*	
		For Walls >10' High, Add	*0.12*	
		For Up To 128, Add	*1.74*	
		For >128 To 320, Add	*0.95*	
		For >1,536, Deduct	*-0.93*	
		For Walls >10' High, Add	*0.15*	
09 29 10 00-0022		Moisture And Mold Resistant Gypsum Board Application *(09 29 10 00-0001)*		
09 29 10 00-0023	SF	1/2", Mesh Reinforced, Moisture And Mold Resistant Gypsum Board (Georgia-Pacific ToughRock® Mold-Guard™)	2.23	0.57
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.28*	
		For Adhesive Applied Sheets, Add	*0.12*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.40*	
		For Horizontal Installation >10' High, Add	*0.59*	
		For Walls >10' High, Add	*0.09*	
		For Up To 128, Add	*0.68*	
		For >128 To 320, Add	*0.40*	
		For >1,536, Deduct	*-0.22*	
		For Walls >10' High, Add	*0.12*	
		For Non-reinforced Board, Deduct	*-0.08*	
09 29 10 00-0024	SF	5/8", Mesh Reinforced, Moisture And Mold Resistant Gypsum Board (Georgia-Pacific ToughRock® Mold-Guard™)	2.65	0.64
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.33*	
		For Adhesive Applied Sheets, Add	*0.13*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.46*	
		For Horizontal Installation >10' High, Add	*0.68*	
		For Walls >10' High, Add	*0.11*	
		For Up To 128, Add	*0.80*	
		For >128 To 320, Add	*0.47*	
		For >1,536, Deduct	*-0.26*	
		For Walls >10' High, Add	*0.14*	
		For Non-reinforced Board, Deduct	*-0.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 10 00-0025	SF	1/2" Fire Rated, Mesh Reinforced, Moisture And Mold Resistant Gypsum Board (Georgia-Pacific ToughRock® Fireguard X® Mold-Guard™)	2.67	0.57
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.31*	
		For Adhesive Applied Sheets, Add	*0.13*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.44*	
		For Horizontal Installation >10' High, Add	*0.65*	
		For Walls >10' High, Add	*0.10*	
		For Up To 128, Add	*0.79*	
		For >128 To 320, Add	*0.46*	
		For >1,536, Deduct	*-0.27*	
		For Walls >10' High, Add	*0.13*	
09 29 10 00-0026	SF	5/8" Fire Rated, Mesh Reinforced, Moisture And Mold Resistant Gypsum Board (Georgia-Pacific ToughRock® Fireguard X® Mold-Guard™)	2.97	0.64
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.36*	
		For Adhesive Applied Sheets, Add	*0.13*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.51*	
		For Horizontal Installation >10' High, Add	*0.75*	
		For Walls >10' High, Add	*0.12*	
		For Up To 128, Add	*0.89*	
		For >128 To 320, Add	*0.52*	
		For >1,536, Deduct	*-0.30*	
		For Walls >10' High, Add	*0.15*	
09 29 10 00-0027		**Impact Resistant Gypsum Board** *(09 29 10 00-0001)*		
		Note: Includes tapered edge, mold and moisture resistant, fire-resistant, Type X gypsum core encased in a heavy, abrasion and mold/mildew/moisture resistant		
09 29 10 00-0028	SF	5/8" Fire Rated, Impact Resistant Gypsum Board (National Gypsum Hi-Impact®)	4.10	0.64
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.34*	
		For Adhesive Applied Sheets, Add	*0.13*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.46*	
		For Horizontal Installation >10' High, Add	*0.67*	
		For Walls >10' High, Add	*0.11*	
		For Up To 128, Add	*1.09*	
		For >128 To 320, Add	*0.61*	
		For >1,536, Deduct	*-0.48*	
		For Walls >10' High, Add	*0.13*	
09 29 10 00-0029		**Abuse Resistant Gypsum Board** *(09 29 10 00-0001)*		
		Note: Includes tapered edge, mold and moisture resistant, fire-resistant Type X gypsum core encased in a heavy, abrasion and mold/mildew/moisture resistant		
09 29 10 00-0030	SF	5/8" Fire Rated, Abuse Resistant Gypsum Board (National Gypsum Hi-Abuse®)	2.72	0.64
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.32*	
		For Adhesive Applied Sheets, Add	*0.13*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.46*	
		For Horizontal Installation >10' High, Add	*0.67*	
		For Walls >10' High, Add	*0.11*	
		For Up To 128, Add	*0.81*	
		For >128 To 320, Add	*0.47*	
		For >1,536, Deduct	*-0.27*	
		For Walls >10' High, Add	*0.13*	
09 29 10 00-0031		**Noise Reducing Gypsum Board** *(09 29 10 00-0001)*		
09 29 10 00-0032	SF	1/2" Noise Reducing Gypsum Board (National Gypsum SoundBreak)	5.20	0.68
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.35*	
		For Adhesive Applied Sheets, Add	*0.13*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.47*	
		For Horizontal Installation >10' High, Add	*0.69*	
		For Walls >10' High, Add	*0.11*	
		For Up To 128, Add	*1.31*	
		For >128 To 320, Add	*0.73*	
		For >1,536, Deduct	*-0.64*	
		For Walls >10' High, Add	*0.14*	
09 29 10 00-0033	SF	5/8" Noise Reducing Gypsum Board (National Gypsum SoundBreak)	6.31	0.68
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.36*	
		For Adhesive Applied Sheets, Add	*0.13*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.47*	
		For Horizontal Installation >10' High, Add	*0.69*	
		For Walls >10' High, Add	*0.11*	
		For Up To 128, Add	*1.54*	
		For >128 To 320, Add	*0.84*	
		For >1,536, Deduct	*-0.81*	
		For Walls >10' High, Add	*0.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

09 29 10 00-0034 Finishing Gypsum Board Applications *(09 29 10)*

Note: Includes flat or curved walls, columns, soffits, recesses, and chases. Tape, spackle, sand and finish gypsum board to the appropriate level as defined by ASTM C 840. No taping or finishing is required for Level 0. For Level 1, tape is set in compound at joints and interior angles. Ridges and tool marks are acceptable. For Level 2, tape is set in compound and wiped with a joint knife leaving a thin coating of compound over joints, interior angles, fastener heads, and beads. Ridges and tool marks are acceptable. Compound applied over the body of the tape at the time of the tape is set satisfies the conditions for this level. For Level 3, tape is set in compound and one additional coat of compound is applied over all joints and interior angles. Fastener heads and accessories receive two separate coats of joint compound. Ridges and tool marks are not acceptable. For Level 4, tape is set in compound and two separate coats of compound are applied over all flat joints with one separate coat of compound applied over interior angles. Fastener heads and accessories receive three separate coats of compound. Ridges and tool marks are not acceptable. A Level 5 finish is a Level 4 finish plus a thin skim coat of compound applied to the entire drywall surface. All levels of finish require that the surface be free of excess compound. A single modifier may be used to change the level of finish to the appropriate level.

09 29 10 00-0035 Finish Gypsum Board Walls, ASTM C840 Level 4 *(09 29 10 00-0034)*

09 29 10 00-0036	SF	Up To 10' High, Walls, Tape, Spackle And Finish Gypsum Board	0.81
		For Up To 128, Add	*0.31*
		For >128 To 320, Add	*0.19*
		For >5,400, Deduct	*-0.08*
		For ASTM C840 Level 1 Finish, Deduct	*-0.38*
		For ASTM C840 Level 2 Finish, Deduct	*-0.19*
		For ASTM C840 Level 3 Finish, Deduct	*-0.08*
		For ASTM C840 Level 5 High Quality Finish, Add	*0.59*
		For Spray Applied Textured Or Orange Peel Finish, Add	*0.59*
09 29 10 00-0037	SF	>10' High, Walls, Tape, Spackle And Finish Gypsum Board	1.06
		Note: Use this task for the entire wall area when the wall is >10' high.	
		For Up To 128, Add	*0.41*
		For >128 To 320, Add	*0.25*
		For >5,400, Deduct	*-0.11*
		For ASTM C840 Level 1 Finish, Deduct	*-0.50*
		For ASTM C840 Level 2 Finish, Deduct	*-0.25*
		For ASTM C840 Level 3 Finish, Deduct	*-0.10*
		For ASTM C840 Level 5 High Quality Finish, Add	*0.78*
		For Spray Applied Textured Or Orange Peel Finish, Add	*0.78*

09 29 10 00-0038 Finish Gypsum Board Ceilings, ASTM C840 Level 4 *(09 29 10 00-0034)*

09 29 10 00-0039	SF	Up To 10' High, Ceilings, Tape, Spackle And Finish Gypsum Board	1.04
		For Up To 128, Add	*0.40*
		For >128 To 320, Add	*0.25*
		For >5,400, Deduct	*-0.10*
		For ASTM C840 Level 1 Finish, Deduct	*-0.49*
		For ASTM C840 Level 2 Finish, Deduct	*-0.25*
		For ASTM C840 Level 3 Finish, Deduct	*-0.10*
		For ASTM C840 Level 5 High Quality Finish, Add	*0.77*
		For Spray Applied Textured Or Orange Peel Finish, Add	*0.77*
09 29 10 00-0040	SF	>10' High, Ceilings, Tape, Spackle And Finish Gypsum Board	1.39
		Note: Use this task for the entire wall area when the wall is >10' high.	
		For Up To 128, Add	*0.54*
		For >128 To 320, Add	*0.33*
		For >5,400, Deduct	*-0.14*
		For ASTM C840 Level 1 Finish, Deduct	*-0.67*
		For ASTM C840 Level 2 Finish, Deduct	*-0.33*
		For ASTM C840 Level 3 Finish, Deduct	*-0.13*
		For ASTM C840 Level 5 High Quality Finish, Add	*1.03*
		For Spray Applied Textured Or Orange Peel Finish, Add	*1.03*

09 29 10 00-0041 Finish Gypsum Board Vertical Corners, ASTM C840 Level 4 *(09 29 10 00-0034)*

Note: Inside or outside gypsum board corners.

09 29 10 00-0042	LF	Up To 10' High, Vertical Corners, Tape, Spackle And Finish Gypsum Board	1.60
		For ASTM C840 Level 1 Finish, Deduct	*-0.73*
		For ASTM C840 Level 2 Finish, Deduct	*-0.37*
		For ASTM C840 Level 3 Finish, Deduct	*-0.15*
		For ASTM C840 Level 5 High Quality Finish, Add	*1.17*
09 29 10 00-0043	LF	>10' High, Vertical Corners, Tape, Spackle And Finish Gypsum Board	1.90
		Note: Use this task for the entire wall area when the wall is >10' high.	
		For ASTM C840 Level 1 Finish, Deduct	*-0.88*
		For ASTM C840 Level 2 Finish, Deduct	*-0.44*
		For ASTM C840 Level 3 Finish, Deduct	*-0.18*
		For ASTM C840 Level 5 High Quality Finish, Add	*1.39*

09 29 10 00-0044 Finish Gypsum Board Horizontal Corners, ASTM C840 Level 4 *(09 29 10 00-0034)*

Note: Inside or outside gypsum board corners.

09 29 10 00-0045	LF	Up To 10' High, Horizontal Corners, Tape, Spackle And Finish Gypsum Board	1.85
		For ASTM C840 Level 1 Finish, Deduct	*-0.86*
		For ASTM C840 Level 2 Finish, Deduct	*-0.43*
		For ASTM C840 Level 3 Finish, Deduct	*-0.17*
		For ASTM C840 Level 5 High Quality Finish, Add	*1.35*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 10 00-0046	LF	>10' High, Horizontal Corners, Tape, Spackle And Finish Gypsum Board Note: Use this task for the entire wall area when the wall is >10' high.	2.21	
		For ASTM C840 Level 1 Finish, Deduct	*-1.04*	
		For ASTM C840 Level 2 Finish, Deduct	*-0.52*	
		For ASTM C840 Level 3 Finish, Deduct	*-0.21*	
		For ASTM C840 Level 5 High Quality Finish, Add	*1.62*	
09 29 10 00-0047		**Casing And Corner Beads** *(09 29 10)*		
09 29 10 00-0048	LF	Casing, Galvanized Steel J-Bead For Gypsum Board	4.48	1.14
		For Up To 100, Add	*0.37*	
		For >500, Deduct	*-0.22*	
09 29 10 00-0049	LF	Corner Bead, Galvanized Steel For Gypsum Board	4.08	1.14
		For Up To 100, Add	*0.29*	
		For >500, Deduct	*-0.20*	
09 29 10 00-0050		**Preformed Architectural Profiles** *(09 29 10)*		
09 29 10 00-0051		**Trim Reveals For Gypsum Board** *(09 29 10 00-0050)*		
09 29 10 00-0052	LF	1/8" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	5.96	1.37
09 29 10 00-0053	LF	1/4" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	6.00	1.37
09 29 10 00-0054	LF	3/8" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	6.20	1.37
09 29 10 00-0055	LF	1/2" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	6.30	1.37
09 29 10 00-0056	LF	5/8" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	6.55	1.37
09 29 10 00-0057	LF	3/4" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	6.80	1.37
09 29 10 00-0058	LF	1" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	7.04	1.37
09 29 10 00-0059	LF	1-1/2" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	7.84	1.37
09 29 10 00-0060	LF	2" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	8.63	1.37
09 29 10 00-0061	LF	1/8" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	6.09	1.48
09 29 10 00-0062	LF	1/4" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	6.09	1.48
09 29 10 00-0063	LF	3/8" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	6.63	1.48
09 29 10 00-0064	LF	1/2" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	6.73	1.48
09 29 10 00-0065	LF	5/8" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	7.08	1.48
09 29 10 00-0066	LF	3/4" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	7.22	1.48
09 29 10 00-0067	LF	1" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	7.42	1.48
09 29 10 00-0068	LF	1 1/2" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	8.31	1.48
09 29 10 00-0069	LF	2" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	9.20	1.48
09 29 10 00-0070	LF	3" x 5/8", Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	12.71	1.71
09 29 10 00-0071	LF	4" x 5/8", Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	14.19	1.71
09 29 10 00-0072		**Edge Trim For Gypsum Board** *(09 29 10 00-0050)*		
09 29 10 00-0073	LF	1/2" Aluminum Extrusions, Edge Trim For Gypsum Board	5.42	1.42
09 29 10 00-0074	LF	5/8" Aluminum Extrusions, Edge Trim For Gypsum Board	5.82	1.42
09 29 10 00-0075	LF	1" Aluminum Extrusions, Edge Trim For Gypsum Board	6.82	1.57
09 29 10 00-0076	LF	1-1/4" Aluminum Extrusions, Edge Trim For Gypsum Board	7.16	1.71
09 29 10 00-0077	LF	1/2" Flexible Aluminum Extrusions, Edge Trim For Gypsum Board	10.37	1.42
09 29 10 00-0078	LF	5/8" Flexible Aluminum Extrusions, Edge Trim For Gypsum Board	10.77	1.42
09 29 10 00-0079	LF	1" Flexible Aluminum Extrusions, Edge Trim For Gypsum Board	11.77	1.57
09 29 10 00-0080	LF	1-1/4" Flexible Aluminum Extrusions, Edge Trim For Gypsum Board	12.11	1.71
09 29 10 00-0081		**Bevel Trim For Gypsum Board** *(09 29 10 00-0050)*		
09 29 10 00-0082	LF	5/16" x 1/4" Aluminum Extrusions, Bevel Trim For Gypsum Board	5.82	1.42
09 29 10 00-0083	LF	5/8" x 5/8" Aluminum Extrusions, Bevel Trim For Gypsum Board	6.67	1.57
09 29 10 00-0084		**Trim/Wainscot Caps For Gypsum Board** *(09 29 10 00-0050)*		
09 29 10 00-0085	LF	1-1/2" Wide Aluminum Extrusions, Trim/Wainscot Cap For Gypsum Board	8.00	1.71
09 29 10 00-0086		**Single Fin Wall/Trim Reveals For Gypsum Board** *(09 29 10 00-0050)*		
09 29 10 00-0087	LF	1/8" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	5.79	0.91
09 29 10 00-0088	LF	1/4" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	5.84	1.03
09 29 10 00-0089	LF	3/8" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	6.73	1.14
09 29 10 00-0090	LF	1/2" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	7.14	1.25
09 29 10 00-0091	LF	5/8" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	7.54	1.37
09 29 10 00-0092	LF	3/4" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	7.69	1.37
09 29 10 00-0093	LF	1" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	8.13	1.37
09 29 10 00-0094	LF	1-1/2" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	8.97	1.37
09 29 10 00-0095	LF	2" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	9.27	1.37
09 29 10 00-0096	LF	1/8" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	7.08	1.48
09 29 10 00-0097	LF	1/4" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	7.17	1.48
09 29 10 00-0098	LF	3/8" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	7.72	1.48
09 29 10 00-0099	LF	1/2" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	7.97	1.48
09 29 10 00-0100	LF	5/8" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	8.16	1.48
09 29 10 00-0101	LF	3/4" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	8.41	1.48
09 29 10 00-0102	LF	1" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	8.76	1.48
09 29 10 00-0103	LF	1-1/2" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	9.65	1.48
09 29 10 00-0104	LF	2" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	10.39	1.48

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 10 00-0105	LF	3" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	12.76	1.48
09 29 10 00-0106	LF	4" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	17.32	1.48
09 29 10 00-0107	LF	3-1/16" x 7/16", Aluminum Extrusions, Single Fin Wall Base For Gypsum Board	11.87	1.48
09 29 10 00-0108	LF	3-1/16" x 9/16", Aluminum Extrusions, Single Fin Wall Base For Gypsum Board	12.27	1.48
09 29 10 00-0109	LF	4-1/16" x 7/16", Aluminum Extrusions, Single Fin Wall Base For Gypsum Board	13.61	1.48
09 29 10 00-0110	LF	4-1/16" x 9/16", Aluminum Extrusions, Single Fin Wall Base For Gypsum Board	13.75	1.48
09 29 10 00-0111	LF	9/16" Tall with 1/2" Reveal, Aluminum Extrusions, Single Fin Wall Base With Reveal For Gypsum Board	15.68	1.48
09 29 10 00-0112	LF	5/8" Aluminum Extrusions, Single Fin Wall/Trim Reveal Hanging Track For Gypsum Board	12.81	1.48
09 29 10 00-0113		**'V' Groove Wall Reveals For Gypsum Board** *(09 29 10 00-0050)*		
09 29 10 00-0114	LF	1/4" x 5/8" Aluminum Extrusions, 'V' Groove Wall Reveal For Gypsum Board	8.77	2.05
09 29 10 00-0115	LF	3/4" x 1/2" Aluminum Extrusions, 'V' Groove Wall Reveal For Gypsum Board	10.03	2.28
09 29 10 00-0116	LF	1" x 1/2" Aluminum Extrusions, 'V' Groove Wall Reveal For Gypsum Board	11.42	2.73
09 29 10 00-0117	LF	9/32" x 5/8" Aluminum Extrusions, 'V' Groove Wall Reveal For Gypsum Board	11.57	2.96
09 29 10 00-0118		**Double Fin Wall Reveals For Gypsum Board** *(09 29 10 00-0050)*		
09 29 10 00-0119	LF	3/8" x 3/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	8.33	1.37
09 29 10 00-0120	LF	1/8" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	8.43	1.37
09 29 10 00-0121	LF	1/4" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	8.53	1.37
09 29 10 00-0122	LF	3/8" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	8.53	1.37
09 29 10 00-0123	LF	1/2" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	8.97	1.37
09 29 10 00-0124	LF	5/8" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	9.17	1.35
09 29 10 00-0125	LF	3/4" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	9.37	1.37
09 29 10 00-0126	LF	1" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	9.81	1.37
09 29 10 00-0127	LF	1-1/2" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	10.56	1.37
09 29 10 00-0128	LF	2" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	11.35	1.37
09 29 10 00-0129	LF	3/8" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	8.81	1.48
09 29 10 00-0130	LF	1/4" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	8.91	1.48
09 29 10 00-0131	LF	3/8" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	9.10	1.48
09 29 10 00-0132	LF	1/2" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	9.55	1.48
09 29 10 00-0133	LF	5/8" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	9.75	1.48
09 29 10 00-0134	LF	3/4" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	9.90	1.48
09 29 10 00-0135	LF	1" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	10.39	1.48
09 29 10 00-0136	LF	1-1/2" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	11.18	1.48
09 29 10 00-0137	LF	2" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	11.97	1.48
09 29 10 00-0138	LF	3" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	14.10	1.48
09 29 10 00-0139	LF	4" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	18.55	1.48
09 29 10 00-0140	LF	1-1/2" x 1" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	16.59	1.62
09 29 10 00-0141	LF	3/4" x 1 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	18.85	1.97
09 29 10 00-0142	LF	1-1/2" x 1-1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	19.49	1.97
09 29 10 00-0143	LF	1/2", Aluminum Extrusions, Double Fin Hanging Track Wall Reveal For Gypsum Board	15.11	1.35
09 29 10 00-0144	LF	1 3/16", Aluminum Extrusions, Double Fin Hanging Track Wall Reveal For Gypsum Board	13.85	1.97
09 29 10 00-0145	LF	1/4" Aluminum Extrusions, Double Fin Wall Covering Joiner For Gypsum Board	9.96	1.35
09 29 10 00-0146		**Special Conditions Reveals For Gypsum Board** *(09 29 10 00-0050)*		
09 29 10 00-0147		**Radius Conditions** *(09 29 10 00-0146)*		
09 29 10 00-0148	EA	8' Long Inside Radius For Gypsum Board Note: Task used in conjunction with "Preformed Architectural Profiles" tasks.	123.67	
09 29 10 00-0149	EA	8' Long Outside Radius For Gypsum Board Note: Task used in conjunction with "Preformed Architectural Profiles" tasks.	123.67	
09 29 10 00-0150	EA	8' Long Circular / Arched Radius For Gypsum Board Note: Task used in conjunction with "Preformed Architectural Profiles" tasks.	123.67	
09 29 10 00-0151		**Knee Brace Kit** *(09 29 10 00-0146)*		
09 29 10 00-0152	EA	46" H, Aluminum Extrusions, Knee Brace Kit For Gypsum Board	265.91	14.23
09 29 10 00-0153		**Wall Bumper Rail** *(09 29 10 00-0146)*		
09 29 10 00-0154	LF	2-1/2" x 5/8", Aluminum Extrusions, Wall Bumper Rail For Gypsum Board	36.11	5.70
09 29 10 00-0155		**Corners For Gypsum Board** *(09 29 10 00-0050)*		
09 29 10 00-0156	LF	1/2"R, Aluminum Extrusions, Outside Corner For Gypsum Board	7.69	1.37
09 29 10 00-0157	LF	5/8"R, Aluminum Extrusions, Outside Corner For Gypsum Board	8.21	1.48
09 29 10 00-0158	LF	3/4"R, Aluminum Extrusions, Outside Corner For Gypsum Board	9.13	1.55
09 29 10 00-0159	LF	1"R, Aluminum Extrusions, Outside Corner For Gypsum Board	10.21	1.62
09 29 10 00-0160	LF	1-1/2" R, Aluminum Extrusions, Outside Corner For Gypsum Board	12.37	1.97
09 29 10 00-0161	LF	2" R, Aluminum Extrusions, Outside Corner For Gypsum Board	14.34	2.22
09 29 10 00-0162	LF	2-1/2" R, Aluminum Extrusions, Outside Corner For Gypsum Board	17.45	2.54
09 29 10 00-0163	LF	3" R, Aluminum Extrusions, Outside Corner For Gypsum Board	21.22	2.97
09 29 10 00-0164	LF	4" R, Aluminum Extrusions, Outside Corner For Gypsum Board	29.17	3.96
09 29 10 00-0165	LF	90 Degree 3/8" Aluminum Extrusions, Hi-Strength Corner For Gypsum Board	7.69	1.32
09 29 10 00-0166	LF	90 Degree 1-1/4" Aluminum Extrusions, Hi-Strength Corner For Gypsum Board	14.24	1.78
09 29 10 00-0167	LF	90 Degree 1-1/4" Aluminum Extrusions, Fabric Tuck Corner For Gypsum Board	10.13	1.78
09 29 10 00-0168	LF	90 Degree 1-1/4" Aluminum Extrusions, Corner With Vertical Reveal For Gypsum Board	18.59	1.78

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 10 00-0169	LF	45 Degree 2" Aluminum Extrusions, Corner For Gypsum Board	26.51	2.22
09 29 10 00-0170	LF	60 Degree 2" Aluminum Extrusions, Corner For Gypsum Board	25.42	2.22
09 29 10 00-0171	LF	3/4" Aluminum Extrusions, Chamfered Corner For Gypsum Board	7.49	1.55
09 29 10 00-0172	LF	5/8" R, Aluminum Extrusions, Corners Return For Gypsum Board	7.57	1.48
09 29 10 00-0173	LF	1/2" x 1/2" Aluminum Extrusions, Double Corner Step For Gypsum Board	7.64	1.37
09 29 10 00-0174	LF	5/8" x 5/8" Aluminum Extrusions, Double Corner Step For Gypsum Board	8.02	1.48
09 29 10 00-0175	LF	1" x 1" Aluminum Extrusions, Double Corner Step For Gypsum Board	10.85	1.62
09 29 10 00-0176	LF	1/2" x 1/2" Aluminum Extrusions, Triple Corner Step For Gypsum Board	9.57	1.37
09 29 10 00-0177	LF	5/8" x 5/8" Aluminum Extrusions, Triple Corner Step For Gypsum Board	10.09	1.48
09 29 10 00-0178	LF	1" x 1" Aluminum Extrusions, Triple Corner Step For Gypsum Board	14.90	1.62
09 29 10 00-0179	LF	1/3" x 1/2" Aluminum Extrusions, Quad Corner Step For Gypsum Board	16.49	1.37
09 29 10 00-0180	LF	3" Aluminum Extrusions, Bullnose For Gypsum Board	28.19	2.97
09 29 10 00-0181	LF	3-7/8" Aluminum Extrusions, Bullnose For Gypsum Board	30.17	2.97
09 29 10 00-0182	LF	5-3/8", Aluminum Extrusions, Bullnose For Gypsum Board	55.99	4.94
09 29 10 00-0183	LF	7-3/8", Aluminum Extrusions, Bullnose For Gypsum Board	93.16	7.00
09 29 10 00-0184	LF	3/4" R, Aluminum Extrusions, Inside Corner For Gypsum Board	9.17	1.52
09 29 10 00-0185	LF	1" R, Aluminum Extrusions, Inside Corner For Gypsum Board	10.50	1.59
09 29 10 00-0186	LF	1-1/2" R, Aluminum Extrusions, Inside Corner For Gypsum Board	12.62	1.95
09 29 10 00-0187	LF	2"R, Aluminum Extrusions, Inside Corner For Gypsum Board	15.53	2.19
09 29 10 00-0188	LF	2-1/2" R, Aluminum Extrusions, Inside Corner For Gypsum Board	22.15	2.51
09 29 10 00-0189	LF	3"R, Aluminum Extrusions, Inside Corner For Gypsum Board	23.89	2.92
09 29 10 00-0190	LF	4" R, Aluminum Extrusions, Inside Corner For Gypsum Board	27.00	3.89
09 29 10 00-0191	LF	3-5/8", Aluminum Extrusions, Aluminum Wall Cap For Gypsum Board	17.06	2.92
09 29 10 00-0192	LF	3-7/8", Aluminum Extrusions, Aluminum Wall Cap For Gypsum Board	17.31	2.92
09 29 10 00-0193	LF	4-3/4", Aluminum Extrusions, Aluminum Wall Cap For Gypsum Board	18.89	2.92
09 29 10 00-0194	LF	5", Aluminum Extrusions, Aluminum Wall Cap For Gypsum Board	19.39	2.92

09 29 82 Gypsum Board Fire Protection *(09 29)*

09 29 82 00-0001 Shaft Wall *(09 29 82)*

See CSI section 09 29 10 00-0034 for finishing drywall.

09 29 82 00-0002	SF	3/4" Fire Rated Shaft Wall Assembly Note: 1/4" thick fiber-cement board with tapered edges over 1/2" thick type "X" gypsum board. Excludes studs or wall structure.	7.33	2.85
		For Horizontal Installation Up To 10' High, Add	*1.94*	
		For Horizontal Installation >10' High, Add	*2.85*	
		For Walls >10' High, Add	*0.46*	
		For Up To 128, Add	*2.61*	
		For >128 To 320, Add	*1.59*	
		For >1,536, Deduct	*-0.53*	
09 29 82 00-0003	SF	7/8" Fire Rated Shaft Wall Assembly Note: 1/4" thick fiber-cement board with tapered edges over 5/8" thick type "X" gypsum board. Excludes studs or wall structure.	8.51	3.41
		For Horizontal Installation Up To 10' High, Add	*2.33*	
		For Horizontal Installation >10' High, Add	*3.42*	
		For Walls >10' High, Add	*0.55*	
		For Up To 128, Add	*3.07*	
		For >128 To 320, Add	*1.88*	
		For >1,536, Deduct	*-0.59*	
09 29 82 00-0004	SF	2-1/2", 25 Gauge C-H Stud/J-Runner, 1" Gypsum Liner Panel Shaft Wall Assembly Note: Includes sealant installed at top of wall and panel gaps. Excludes additional gypsum panels and finishing.	8.24	2.19
		For Horizontal Installation Up To 10' High, Add	*1.49*	
		For Horizontal Installation >10' High, Add	*2.19*	
		For Walls >10' High, Add	*0.35*	
		For Up To 128, Add	*2.52*	
		For >128 To 320, Add	*1.48*	
		For Glass Mat Surfaces, Add	*0.38*	
09 29 82 00-0005	SF	4", 25 Gauge C-H Stud/J-Runner, 1" Gypsum Liner Panel Shaft Wall Assembly Note: Includes sealant installed at top of wall and panel gaps. Excludes additional gypsum panels and finishing.	8.90	2.30
		For Horizontal Installation Up To 10' High, Add	*1.56*	
		For Horizontal Installation >10' High, Add	*2.30*	
		For Walls >10' High, Add	*0.37*	
		For Up To 128, Add	*2.70*	
		For >128 To 320, Add	*1.58*	
		For Glass Mat Surfaces, Add	*0.38*	
09 29 82 00-0006	SF	2-1/2", 20 Gauge C-H Stud/J-Runner, 1" Gypsum Liner Panel Shaft Wall Assembly Note: Includes sealant installed at top of wall and panel gaps. Excludes additional gypsum panels and finishing.	10.05	2.30
		For Horizontal Installation Up To 10' High, Add	*1.56*	
		For Horizontal Installation >10' High, Add	*2.30*	
		For Walls >10' High, Add	*0.37*	
		For Up To 128, Add	*2.93*	
		For >128 To 320, Add	*1.70*	
		For Glass Mat Surfaces, Add	*0.38*	
09 29 82 00-0007	SF	4", 20 Gauge C-H Stud/J-Runner, 1" Gypsum Liner Panel Shaft Wall Assembly Note: Includes sealant installed at top of wall and panel gaps. Excludes additional gypsum panels and finishing.	10.75	2.42
		For Horizontal Installation Up To 10' High, Add	*1.64*	
		For Horizontal Installation >10' High, Add	*2.42*	
		For Walls >10' High, Add	*0.39*	
		For Up To 128, Add	*3.12*	
		For >128 To 320, Add	*1.80*	
		For Glass Mat Surfaces, Add	*0.38*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
		09 30 Tiling *(09)*		
		Note: All tiles are standard grade ANSI 137.1 or higher, mounted and unmounted, cushioned or non-cushioned edge, all tile colors, all grout colors, PEI rating 1 through 4, and include patterns. Glazing shall meet ASTM C484 and C424. Mounted tiles are assembled into sheets to facilitate handling and installation. Perforated paper, fiber mesh, or other suitable bonding material applied to the front, backs or edges of the tile can be used to mount the tiles. Cushioned edge tile has facial edges with a distinct curvature that results in a slightly recessed joint. All floor, wall, ceiling, cove base and trim tile will be installed in accordance with ANSI 108.1 using these setting methods. Includes initial wax and seal.		
		09 30 13 Ceramic Tiling *(09 30)*		
		Note: Includes grout and sealing. Excludes setting method. See CSI section 09 31 00 00-0000 for thin-set, 09 32 00 00-0000 for mortar-bed, 09 35 00 00-0000 for chemical-resistant.		
09 30 13 00-0001		Ceramic Tiling *(09 30 13)*		
09 30 13 00-0002	SF	2" x 2" x 1/4" Thick, Mounted, Unpolished Ceramic Floor Tile	17.38	3.09
		Note: Tiles mounted from back, side or front in 12" x 12", 12" x 24", 12" x 48", or similar sized sheets.		
		For >1,000, Deduct	*-0.62*	
		For Up To 50, Add	*8.97*	
		For >50 To 250, Add	*1.23*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.39*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*1.57*	
09 30 13 00-0003	SF	Less Than 8" x 8", Mounted, Ceramic Floor Tile	12.01	3.09
		Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets.		
		For >1,000, Deduct	*-0.62*	
		For Up To 50, Add	*7.63*	
		For >50 To 250, Add	*1.23*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.39*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*1.57*	
09 30 13 00-0004	SF	8" x 8" And Larger Unmounted Ceramic Floor Tile	13.56	1.93
		Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles.		
		For >1,000, Deduct	*-0.77*	
		For Up To 50, Add	*9.18*	
		For >50 To 250, Add	*1.54*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.62*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*1.80*	
09 30 13 00-0005	SF	2" x 2" x 1/4" Thick, Mounted, Unpolished Ceramic Wall Tile	18.70	3.74
		Note: Tiles mounted from back, side or front in 12" x 12", 12" x 24", 12" x 48", or similar sized sheets.		
		For Up To 50, Add	*10.29*	
		For >50 To 250, Add	*1.50*	
		For >1,000, Deduct	*-0.75*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.58*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*1.76*	
09 30 13 00-0006	SF	Less than 8" x 8" Mounted Ceramic Wall Tile	13.33	3.74
		Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets.		
		For Up To 50, Add	*8.95*	
		For >50 To 250, Add	*1.50*	
		For >1,000, Deduct	*-0.75*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.58*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*1.76*	
09 30 13 00-0007	SF	8" x 8" And Larger Unmounted Ceramic Wall Tile	15.31	2.37
		Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles.		
		For Up To 50, Add	*10.93*	
		For >50 To 250, Add	*1.89*	
		For >1,000, Deduct	*-0.95*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.88*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*2.06*	
09 30 13 00-0008	SF	Less than 8" x 8" Mounted Ceramic Ceiling Tile	18.81	6.49
		Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets.		
		For High-Modulus, High-Strength Epoxy Grout, Add	*2.41*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*2.59*	
		For Up To 50, Add	*14.43*	
		For >50 To 250, Add	*2.59*	
		For >1,000, Deduct	*-1.30*	
09 30 13 00-0009	SF	8" x 8" And Larger Unmounted Ceramic Ceiling Tile	21.41	3.89
		Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles.		
		For High-Modulus, High-Strength Epoxy Grout, Add	*2.80*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*2.98*	
		For Up To 50, Add	*17.03*	
		For >50 To 250, Add	*3.11*	
		For >1,000, Deduct	*-1.56*	
09 30 13 00-0010	LF	4-1/4" To 4-1/2" High, Ceramic Cove Base Or Trim	12.26	2.70
		Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles.		
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.85*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*1.94*	
09 30 13 00-0011	LF	6" High x 12" Long, Unpolished Ceramic Cove Base (Daltile Portfolio)	20.75	2.70
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.85*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*1.94*	
09 30 13 00-0012	LF	6" High x 24" Long, Unpolished Ceramic Cove Base (Daltile Portfolio)	23.46	2.70
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.85*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*1.94*	
09 30 13 00-0013	EA	6" High, Unpolished Ceramic Cove Base Outer Corner	19.07	0.59

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 30 13 00-0014		Residential Ceramic Tiling *(09 30 13)*		
09 30 13 00-0015	SF	Mounted Ceramic Floor Tile, Residential Grade	9.85	3.09
		Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets.		
		For >1,000, Deduct	*-0.62*	
		For Up To 50, Add	*7.09*	
		For >50 To 250, Add	*1.23*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.39*	
09 30 13 00-0016	SF	Mounted Ceramic Wall Tile, Residential Grade	11.17	3.74
		Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets.		
		For Up To 50, Add	*8.41*	
		For >50 To 250, Add	*1.50*	
		For >1,000, Deduct	*-0.75*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.58*	
09 30 13 00-0017	SF	2" x 2" x 1/4" Thick, Unpolished Ceramic Mounted Floor Tile, Residential Grade	12.13	3.09
		Note: Tiles mounted from back, side or front in 12" x 12", 12" x 24", 12" x 48", or similar sized sheets.		
		For >1,000, Deduct	*-0.62*	
		For Up To 50, Add	*7.66*	
		For >50 To 250, Add	*1.23*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.39*	

09 30 16 Quarry Tiling *(09 30)*

Note: Includes grout and sealing. Excludes setting method. See CSI section 09 31 00 00-0000 for thin-set, 09 32 00 00-0000 for mortar-bed, 09 35 00 00-0000 for chemical-resistant.

09 30 16 00-0001	SF	Unglazed Quarry Floor Tile	12.98	2.18
		Note: With or without embedded abrasive grit.		
		For >1,000, Deduct	*-0.86*	
		For Up To 50, Add	*9.73*	
		For >50 To 250, Add	*1.73*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.76*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*1.94*	
09 30 16 00-0002	SF	Glazed Quarry Floor Tile	26.71	2.18
		For >1,000, Deduct	*-0.86*	
		For Up To 50, Add	*13.16*	
		For >50 To 250, Add	*1.73*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.76*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*1.94*	
09 30 16 00-0003	SF	Unglazed Quarry Wall Tile	14.71	2.57
		Note: With or without embedded abrasive grit.		
		For Up To 50, Add	*11.46*	
		For >50 To 250, Add	*2.07*	
		For >1,000, Deduct	*-1.04*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*2.02*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*2.20*	
09 30 16 00-0004	SF	Glazed Quarry Wall Tile	28.44	2.57
		For Up To 50, Add	*14.89*	
		For >50 To 250, Add	*2.07*	
		For >1,000, Deduct	*-1.04*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*2.02*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*2.20*	
09 30 16 00-0005	LF	6" High Unglazed Quarry Tile Cove Base Or Trim	18.31	2.85
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.94*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*2.03*	
09 30 16 00-0006	LF	6" High Glazed Quarry Tile Cove Base Or Trim	40.82	2.85
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.94*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*2.03*	

09 30 33 Stone Tiling *(09 30)*

Note: Excludes setting method. See CSI section 09 31 00 00-0000 for thin-set, 09 32 00 00-0000 for mortar-bed, 09 35 00 00-0000 for chemical-resistant.

09 30 33 00-0001		Marble Floor Tile *(09 30 33)*		
09 30 33 00-0002	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Cherry Blossom"	11.70	1.93
		For >1,000, Deduct	*-0.77*	
		For Up To 50, Add	*8.72*	
		For >50 To 250, Add	*1.54*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.62*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0003	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Laurent Brown"	12.07	1.93
		For >1,000, Deduct	*-0.77*	
		For Up To 50, Add	*8.81*	
		For >50 To 250, Add	*1.54*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.62*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0004	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Temple Gray"	12.27	1.93
		For >1,000, Deduct	*-0.77*	
		For Up To 50, Add	*8.86*	
		For >50 To 250, Add	*1.54*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.62*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 30 33 00-0005	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Emperador Cafe"	12.36	1.93
		For >1,000, Deduct	*-0.77*	
		For Up To 50, Add	*8.88*	
		For >50 To 250, Add	*1.54*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.62*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0006	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "China Black"	12.41	1.93
		For >1,000, Deduct	*-0.77*	
		For Up To 50, Add	*8.89*	
		For >50 To 250, Add	*1.54*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.62*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0007	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Sea Grass Honed"	12.50	1.93
		For >1,000, Deduct	*-0.77*	
		For Up To 50, Add	*8.92*	
		For >50 To 250, Add	*1.54*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.62*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0008	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Gris Magma or Gris Nebula"	12.70	1.93
		For >1,000, Deduct	*-0.77*	
		For Up To 50, Add	*8.97*	
		For >50 To 250, Add	*1.54*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.62*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0009	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Dark Green"	13.99	1.93
		For >1,000, Deduct	*-0.77*	
		For Up To 50, Add	*9.29*	
		For >50 To 250, Add	*1.54*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.62*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0010	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Cappuccino Light"	14.13	1.93
		For >1,000, Deduct	*-0.77*	
		For Up To 50, Add	*9.32*	
		For >50 To 250, Add	*1.54*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.62*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0011	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Botticino Cream"	14.40	1.93
		For >1,000, Deduct	*-0.77*	
		For Up To 50, Add	*9.39*	
		For >50 To 250, Add	*1.54*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.62*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0012	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Crema Marfil Classic"	14.70	1.93
		For >1,000, Deduct	*-0.77*	
		For Up To 50, Add	*9.47*	
		For >50 To 250, Add	*1.54*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.62*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0013	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Arabescato Carrara"	14.91	1.93
		For >1,000, Deduct	*-0.77*	
		For Up To 50, Add	*9.52*	
		For >50 To 250, Add	*1.54*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.62*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0014	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Giallo Crystal Onyx"	15.63	1.93
		For >1,000, Deduct	*-0.77*	
		For Up To 50, Add	*9.70*	
		For >50 To 250, Add	*1.54*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.62*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0015	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Cafe Forest or Rain Forest"	16.96	1.93
		For >1,000, Deduct	*-0.77*	
		For Up To 50, Add	*10.03*	
		For >50 To 250, Add	*1.54*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.62*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0016	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Arabescato"	17.05	1.93
		For >1,000, Deduct	*-0.77*	
		For Up To 50, Add	*10.05*	
		For >50 To 250, Add	*1.54*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.62*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0017	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Carrara White"	18.04	1.93
		For >1,000, Deduct	*-0.77*	
		For Up To 50, Add	*10.30*	
		For >50 To 250, Add	*1.54*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.62*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0018	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Crema Marfil Select Or Sahara Gold"	18.38	1.93
		For >1,000, Deduct	*-0.77*	
		For Up To 50, Add	*10.39*	
		For >50 To 250, Add	*1.54*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.62*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 30 33 00-0019	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Botticino Fiorito Or Michelangelo"	18.53	1.93
		For >1,000, Deduct	*-0.77*	
		For Up To 50, Add	*10.42*	
		For >50 To 250, Add	*1.54*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.62*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0020	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Crema Marfil Antique"	18.75	1.93
		For >1,000, Deduct	*-0.77*	
		For Up To 50, Add	*10.48*	
		For >50 To 250, Add	*1.54*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.62*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0021	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Emperador Dark Or Super Thassos Glass"	20.60	1.93
		For >1,000, Deduct	*-0.77*	
		For Up To 50, Add	*10.94*	
		For >50 To 250, Add	*1.54*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.62*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0022	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Rosa Verona"	21.65	1.93
		For >1,000, Deduct	*-0.77*	
		For Up To 50, Add	*11.20*	
		For >50 To 250, Add	*1.54*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.62*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0023	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Rojo Alicante"	21.94	1.93
		For >1,000, Deduct	*-0.77*	
		For Up To 50, Add	*11.28*	
		For >50 To 250, Add	*1.54*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.62*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0024	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Emperador Light"	22.08	1.93
		For >1,000, Deduct	*-0.77*	
		For Up To 50, Add	*11.31*	
		For >50 To 250, Add	*1.54*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.62*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	

09 30 33 00-0025 Granite Floor Tile *(09 30 33)*

09 30 33 00-0026	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Crystal Gray"	10.71	1.93
		For >1,000, Deduct	*-0.77*	
		For Up To 50, Add	*8.47*	
		For >50 To 250, Add	*1.54*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.62*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0027	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Peach Flower"	11.42	1.93
		For >1,000, Deduct	*-0.77*	
		For Up To 50, Add	*8.65*	
		For >50 To 250, Add	*1.54*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.62*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0028	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Golden Yellow"	11.99	1.93
		For >1,000, Deduct	*-0.77*	
		For Up To 50, Add	*8.79*	
		For >50 To 250, Add	*1.54*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.62*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0029	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Absolute Black"	14.26	1.93
		For >1,000, Deduct	*-0.77*	
		For Up To 50, Add	*9.36*	
		For >50 To 250, Add	*1.54*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.62*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0030	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Tan Brown"	14.70	1.93
		For >1,000, Deduct	*-0.77*	
		For Up To 50, Add	*9.47*	
		For >50 To 250, Add	*1.54*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.62*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0031	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Black Galaxy"	15.11	1.93
		For >1,000, Deduct	*-0.77*	
		For Up To 50, Add	*9.57*	
		For >50 To 250, Add	*1.54*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.62*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0032	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Kashmir White Or Gold"	15.54	1.93
		For >1,000, Deduct	*-0.77*	
		For Up To 50, Add	*9.68*	
		For >50 To 250, Add	*1.54*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.62*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 30 33 00-0033	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Giallo Santa Cecelia"	16.05	1.93
		For >1,000, Deduct	*-0.77*	
		For Up To 50, Add	*9.80*	
		For >50 To 250, Add	*1.54*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.62*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0034	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Verde UbaTuba"	16.54	1.93
		For >1,000, Deduct	*-0.77*	
		For Up To 50, Add	*9.93*	
		For >50 To 250, Add	*1.54*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.62*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0035	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "New Venetian Gold"	17.05	1.93
		For >1,000, Deduct	*-0.77*	
		For Up To 50, Add	*10.05*	
		For >50 To 250, Add	*1.54*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.62*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0036	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Tropic Brown"	17.53	1.93
		For >1,000, Deduct	*-0.77*	
		For Up To 50, Add	*10.17*	
		For >50 To 250, Add	*1.54*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.62*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0037	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Baltic Brown Or Indian Dakota"	18.10	1.93
		For >1,000, Deduct	*-0.77*	
		For Up To 50, Add	*10.32*	
		For >50 To 250, Add	*1.54*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.62*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0038	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Dynamic Blue"	18.67	1.93
		For >1,000, Deduct	*-0.77*	
		For Up To 50, Add	*10.46*	
		For >50 To 250, Add	*1.54*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.62*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0039	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Blue Pearl Or Emerald Pearl"	20.66	1.93
		For >1,000, Deduct	*-0.77*	
		For Up To 50, Add	*10.96*	
		For >50 To 250, Add	*1.54*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.62*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	

09 30 33 00-0040 Slate Floor Tile *(09 30 33)*

09 30 33 00-0041	SF	12" x 12" And Larger Unmounted Slate Floor Tile, "Raja Classic"	9.85	1.93
		For >1,000, Deduct	*-0.77*	
		For Up To 50, Add	*8.25*	
		For >50 To 250, Add	*1.54*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.62*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0042	SF	12" x 12" And Larger Unmounted Slate Floor Tile, "Rustic Gold"	10.22	1.93
		For >1,000, Deduct	*-0.77*	
		For Up To 50, Add	*8.35*	
		For >50 To 250, Add	*1.54*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.62*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0043	SF	12" x 12" And Larger Unmounted Slate Floor Tile, "California Gold Or Black Rust"	10.42	1.93
		For >1,000, Deduct	*-0.77*	
		For Up To 50, Add	*8.40*	
		For >50 To 250, Add	*1.54*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.62*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0044	SF	12" x 12" And Larger Unmounted Slate Floor Tile, "Indian Autumn"	10.42	1.93
		For >1,000, Deduct	*-0.77*	
		For Up To 50, Add	*8.40*	
		For >50 To 250, Add	*1.54*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.62*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0045	SF	12" x 12" And Larger Unmounted Slate Floor Tile, "China Multi, Earth, Or Autumn Blend"	10.56	1.93
		For >1,000, Deduct	*-0.77*	
		For Up To 50, Add	*8.43*	
		For >50 To 250, Add	*1.54*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.62*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0046	SF	12" x 12" And Larger Unmounted Slate Floor Tile, "Lilac Kashmir Or Madras Yellow"	10.99	1.93
		For >1,000, Deduct	*-0.77*	
		For Up To 50, Add	*8.54*	
		For >50 To 250, Add	*1.54*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.62*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 30 33 00-0047	SF	12" x 12" And Larger Unmounted Slate Floor Tile, "Montauk Blue, Copper Quartzite, Montauk Black, San Rio Rustic, Or Gold Green Quartzite"	11.42	1.93
		For >1,000, Deduct	*-0.77*	
		For Up To 50, Add	*8.65*	
		For >50 To 250, Add	*1.54*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.62*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0048	SF	12" x 12" And Larger Unmounted Slate Floor Tile, "Ocean Green Quartzite Or Golden White Quartzite"	11.56	1.93
		For >1,000, Deduct	*-0.77*	
		For Up To 50, Add	*8.68*	
		For >50 To 250, Add	*1.54*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.62*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	

09 30 33 00-0049 Travertine Floor Tile *(09 30 33)*

09 30 33 00-0050	SF	12" x 12" x 3/8" And Larger Unmounted Travertine Floor Tile, "Noce Rustic"	11.42	1.93
		For >1,000, Deduct	*-0.77*	
		For Up To 50, Add	*8.65*	
		For >50 To 250, Add	*1.54*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.62*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0051	SF	12" x 12" x 3/8" And Larger Unmounted Travertine Floor Tile, "Denizli Beige Or Oasis Walnut"	11.84	1.93
		For >1,000, Deduct	*-0.77*	
		For Up To 50, Add	*8.75*	
		For >50 To 250, Add	*1.54*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.62*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0052	SF	12" x 12" x 3/8" And Larger Unmounted Travertine Floor Tile, "Oasis Gold"	12.13	1.93
		For >1,000, Deduct	*-0.77*	
		For Up To 50, Add	*8.82*	
		For >50 To 250, Add	*1.54*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.62*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0053	SF	12" x 12" x 3/8" And Larger Unmounted Travertine Floor Tile, "Navona Light - Ivory"	12.55	1.93
		For >1,000, Deduct	*-0.77*	
		For Up To 50, Add	*8.93*	
		For >50 To 250, Add	*1.54*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.62*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0054	SF	12" x 12" x 3/8" And Larger Unmounted Travertine Floor Tile, "Oasis Noce"	12.70	1.93
		For >1,000, Deduct	*-0.77*	
		For Up To 50, Add	*8.97*	
		For >50 To 250, Add	*1.54*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.62*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0055	SF	12" x 12" x 3/8" And Larger Unmounted Travertine Floor Tile, "Durango Antique"	12.84	1.93
		For >1,000, Deduct	*-0.77*	
		For Up To 50, Add	*9.00*	
		For >50 To 250, Add	*1.54*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.62*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0056	SF	12" x 12" x 3/8" And Larger Unmounted Travertine Floor Tile, "Durango Cream"	14.20	1.93
		For >1,000, Deduct	*-0.77*	
		For Up To 50, Add	*9.34*	
		For >50 To 250, Add	*1.54*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.62*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	

09 30 33 00-0057 Limestone Floor Tile *(09 30 33)*

09 30 33 00-0058	SF	12" x 12" And Larger Unmounted Limestone Floor Tile, "Isis Gold"	14.12	1.93
		For >1,000, Deduct	*-0.77*	
		For Up To 50, Add	*9.32*	
		For >50 To 250, Add	*1.54*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.62*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0059	SF	12" x 12" And Larger Unmounted Limestone Floor Tile, "Tiara Beige"	14.55	1.93
		For >1,000, Deduct	*-0.77*	
		For Up To 50, Add	*9.43*	
		For >50 To 250, Add	*1.54*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.62*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0060	SF	12" x 12" And Larger Unmounted Limestone Floor Tile, "Halila Cream"	16.76	1.93
		For >1,000, Deduct	*-0.77*	
		For Up To 50, Add	*9.98*	
		For >50 To 250, Add	*1.54*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.62*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0061	SF	12" x 12" And Larger Unmounted Limestone Floor Tile, "Ramon Gold"	18.10	1.93
		For >1,000, Deduct	*-0.77*	
		For Up To 50, Add	*10.32*	
		For >50 To 250, Add	*1.54*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.62*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 30 33 00-0062	SF	12" x 12" And Larger Unmounted Limestone Floor Tile, "Chestnut Brown Or Jersusalem Bone"	18.10	1.93
		For >1,000, Deduct	*-0.77*	
		For Up To 50, Add	*10.32*	
		For >50 To 250, Add	*1.54*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.62*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0063	SF	12" x 12" And Larger Unmounted Limestone Floor Tile, "Lagos Blue"	18.53	1.93
		For >1,000, Deduct	*-0.77*	
		For Up To 50, Add	*10.42*	
		For >50 To 250, Add	*1.54*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.62*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0064	SF	12" x 12" And Larger Unmounted Limestone Floor Tile, "Jura Gray"	20.09	1.93
		For >1,000, Deduct	*-0.77*	
		For Up To 50, Add	*10.81*	
		For >50 To 250, Add	*1.54*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.62*	
		For Heavy-Duty Floors With A PEI 5 Rating, Add	*1.00*	

09 31 Thin-Set Tiling *(09 30)*

Note: Tile setting methods in this section are used with ceramic or quarry tile materials as applicable, for a complete installation.

09 31 13 Thin-Set Ceramic Tiling *(09 31)*

09 31 13 00-0001 Thin-Set Ceramic Tiling *(09 31 13)*

09 31 13 00-0002	SF	Thin Set - Latex Portland Cement Mortar	1.80	1.02
		For Up To 50, Add	*1.61*	
		For >50 To 250, Add	*0.31*	
		For >1,000, Deduct	*-0.16*	
09 31 13 00-0003	SF	Clean And Scarify Existing Tile For Installation Of New Tile Over Existing	0.98	
		For Up To 50, Add	*0.98*	
		For >50 To 250, Add	*0.20*	
		For >1,000, Deduct	*-0.10*	

09 32 Mortar-Bed Tiling *(09 30)*

Note: Tile setting methods in this section are used with ceramic or quarry tile materials as applicable, for a complete installation.

09 32 13 Mortar-Bed Ceramic Tiling *(09 32)*

09 32 13 00-0001 Mortar-Bed Ceramic Tiling *(09 32 13)*

09 32 13 00-0002	SF	3/4" Minimum Thickness Portland Cement Mortar Setting Bed Note: For residential floors. Includes 15 Lb. felt and wire reinforcement.	4.59	2.06
		For Up To 50, Add	*3.47*	
		For >50 To 250, Add	*0.62*	
		For >1,000, Deduct	*-0.31*	
		For Exterior Installation (Galvanized Reinforcement), Add	*0.15*	
09 32 13 00-0003	SF	1-1/4" Minimum Thickness Portland Cement Mortar Setting Bed Note: For commercial floors. Includes 15 Lb. felt and wire reinforcement.	6.58	2.75
		For Up To 50, Add	*4.74*	
		For >50 To 250, Add	*0.82*	
		For >1,000, Deduct	*-0.41*	
		For Exterior Installation (Galvanized Reinforcement), Add	*0.15*	
09 32 13 00-0004	SF	3/4" Portland Cement Plaster Scratch Coat for Walls Note: Includes 15 Lb. felt and expanded metal lath.	14.74	6.17
		For Up To 50, Add	*12.95*	
		For >50 To 250, Add	*2.47*	
		For >1,000, Deduct	*-1.24*	
		For Exterior Installation (Galvanized Reinforcement), Add	*0.15*	
		For Installation Without Felt And Metal Lath, Deduct	*-2.21*	

09 34 Waterproofing-Membrane Tiling *(09 30)*

09 34 00 00-0001 Bonded Waterproofing System for Tiled Showers, Steam Showers, and Bathtub Surrounds *(09 34)*

09 34 00 00-0002 Prefabricated Assemblies For Tiled Showers (Schluter® KERDI Shower ST) *(09 34 00 00-0001)*

Note: For creating a watertight sloped shower assembly without a mortar bed. Includes a prefabricated polystyrene foam shower tray, 6" x 4-1/2" prefabricated polystyrene foam shower curb, waterproofing membrane for shower tray and surround, and center shower drain. Excludes tile, mortar, grout and shower accessories.

09 34 00 00-0003	EA	48" x 48", Prefabricated Assembly For Tiled Showers (Schluter® KERDI Shower ST/SC)	1,430.48	
09 34 00 00-0004	EA	32" x 60", Prefabricated Assembly For Tiled Showers (Schluter® KERDI Shower ST/SC)	1,661.74	
09 34 00 00-0005	EA	72" x 72", Prefabricated Assembly For Tiled Showers (Schluter® KERDI Shower ST/SC)	2,466.87	

09 34 00 00-0006 Prefabricated Polystyrene Shower Curbs And Ramps *(09 34 00 00-0001)*

Note: Prefabricated shower curbs and ramps for tiling over. Excludes tile.

09 34 00 00-0007	EA	15-7/8" Width, 48" Length, Prefabricated Polystyrene Shower Ramp (Schluter® SR-122)	173.50	
09 34 00 00-0008	EA	4-1/2" Width, 6" Height, 48" Length, Prefabricated Polystyrene Shower Curb (Schluter® SC-122)	166.05	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 34 00 00-0009		**Prefabricated Polystyrene Shower Benches** *(09 34 00 00-0001)*		
		Note: Prefabricated shower bench for tiling over. Excludes tile.		
09 34 00 00-0010	EA	16" Width, 16" Depth, 20" Height, Triangular Prefabricated Polystyrene Shower Bench (Schluter® SB41)	360.77	
09 34 00 00-0011	EA	32" Width, 16" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB4181)	726.12	
09 34 00 00-0012	EA	48" Width, 16" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB41122)	896.62	
09 34 00 00-0013	EA	32" Width, 11-1/2" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB2981)	653.05	
09 34 00 00-0014	EA	42" Width, 11-1/2" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB29107)	726.12	
09 34 00 00-0015	EA	48" Width, 11-1/2" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB29122)	774.84	
09 34 00 00-0016		**Prefabricated Polystyrene Shower Tray** *(09 34 00 00-0001)*		
		Note: Prefabricated shower tray for tiling over. Excludes tile.		
09 34 00 00-0017	EA	32" x 60", Prefabricated Polystyrene Shower Tray (Schluter® ST-81/152)	307.46	
09 34 00 00-0018	EA	48" x 48", Prefabricated Polystyrene Shower Tray (Schluter® ST-122)	307.46	
09 34 00 00-0019	EA	72" x 72", Prefabricated Polystyrene Shower Tray (Schluter® ST-183)	477.96	
09 34 00 00-0020		**Waterproofing, Uncoupling And Vapor Management Membranes (Schluter® DITRA)** *(09 34 00 00-0001)*		
09 34 00 00-0021	SF	1/8" Thick, High-Density Polyethylene (HDPE) Membrane With Grid Structure And Underside Anchoring Fleece, Waterproofing, Uncoupling And Vapor Management Membrane (Schluter® DITRA)	5.32	
09 34 00 00-0022	SF	5/16" Thick, High-Density Polyethylene (HDPE) Membrane With Grid Structure And Underside Anchoring Fleece, Waterproofing, Uncoupling And Vapor Management Membrane (Schluter® DITRA-XL)	6.17	
09 34 00 00-0023		**Bonded Waterproof Underlayment Membranes (Schluter® KERDI)** *(09 34 00 00-0001)*		
09 34 00 00-0024	SF	0.008" Polyethylene Membrane With Polypropylene Fleece Laminated On Both Sides, Bonded Waterproof Underlayment Membrane (Schluter® KERDI 200/5M)	4.66	

09 35 Chemical-Resistant Tiling *(09 30)*

Note: Tile setting methods in this section are used with ceramic or quarry tile materials as applicable, for a complete installation.

09 35 13 Chemical-Resistant Ceramic Tiling *(09 35)*

09 35 13 00-0001		**Chemical-Resistant Ceramic Tiling** *(09 35 13)*		
09 35 13 00-0002	SF	Thin Set - Epoxy Mortar	6.13	1.36
		Note: Impact and chemical resistant.		
		For Up To 50, Add	*3.08*	
		For >50 To 250, Add	*0.41*	
		For >1,000, Deduct	*-0.21*	

09 39 Tiling Transitions *(09 30)*

09 39 00 00-0001		**Tile Waterproofing And Crack Prevention** *(09 39)*		
09 39 00 00-0002	CSF	30 Mil Waterproofing And Crack Prevention Membrane; RedGard	135.77	
09 39 00 00-0003		**Waterproof Strip Membranes (Schluter® KERDI)** *(09 39)*		
09 39 00 00-0004	LF	5" Wide, 4 mil Polyethylene Waterproof Strip Membrane (Schluter® KERDI BAND)	5.64	
09 39 00 00-0005	LF	10" Wide, 12 mil Polyethylene Waterproof Strip Membrane (Schluter® KERDI FLEX)	12.12	
09 39 00 00-0006		**Coved Shaped Transition Profiles For Floor To Wall For Tile** *(09 39)*		
09 39 00 00-0007	LF	5/16" Height, Satin Anodized Aluminum Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-AHK)	7.96	
09 39 00 00-0008	LF	3/8" Height, Satin Anodized Aluminum Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-AHK)	7.94	
09 39 00 00-0009	LF	1/2" Height, Satin Anodized Aluminum Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-AHK)	8.24	
09 39 00 00-0010	LF	5/16" Height, PVC Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-PHK)	7.56	
09 39 00 00-0011	LF	3/8" Height, Aluminum Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-PHK)	7.87	
09 39 00 00-0012		**Coved Shaped Inside Edge Protection And Transition Profiles For Wall To Wall For Tile** *(09 39)*		
09 39 00 00-0013	LF	9/32" x 9/32" Height, Stainless Steel Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-EHK)	16.55	
09 39 00 00-0014	LF	11/32" x 11/32" Height, Stainless Steel Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-EHK)	17.03	
09 39 00 00-0015	LF	7/16" x 7/16" Height, Stainless Steel Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-EHK)	17.56	
09 39 00 00-0016		**Tile Substrate (Schluter® KERDI BOARD)** *(09 39)*		
09 39 00 00-0017	SF	1/2" Tile Substrate And Building Panel (Schluter® KERDI BOARD)	9.56	0.80
09 39 00 00-0018	SF	5/8" Tile Substrate And Building Panel (Schluter® KERDI BOARD)	10.76	0.91
09 39 00 00-0019		**Floor Edge Protection And Transition Profiles For Tile** *(09 39)*		
09 39 00 00-0020	LF	1/4" Height, Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE)	4.09	
09 39 00 00-0021	LF	5/16" Height, Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE)	4.22	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 39 00 00-0022	LF	3/8" Height, Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE)	4.35	
09 39 00 00-0023	LF	1/2" Height, Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE)	4.58	
09 39 00 00-0024	LF	1/4" Height, Curved Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE-RADIUS)	5.47	
09 39 00 00-0025	LF	5/16" Height, Curved Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE-RADIUS)	5.65	
09 39 00 00-0026	LF	3/8" Height, Curved Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE-RADIUS)	5.78	
09 39 00 00-0027	LF	1/2" Height, Curved Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE-RADIUS)	5.92	
09 39 00 00-0028	LF	9/16" Height, Aluminum Transition Trim For Tile (Schluter® RENO-T)	4.30	
09 39 00 00-0029	LF	1" Height, Aluminum Transition Trim For Tile (Schluter® RENO-T)	5.92	
09 39 00 00-0030	LF	1/4" Height, Aluminum Transition Trim For Tile (Schluter® RENO-TK)	5.50	
09 39 00 00-0031	LF	5/16" Height, Aluminum Transition Trim For Tile (Schluter® RENO-TK)	5.79	
09 39 00 00-0032	LF	3/8" Height, Aluminum Transition Trim For Tile (Schluter® RENO-TK)	6.08	
09 39 00 00-0033	LF	1/2" Height, Aluminum Transition Trim For Tile (Schluter® RENO-TK)	7.37	
09 39 00 00-0034	LF	5/16" Height, Aluminum Transition Trim For Tile (Schluter® RENO-U)	5.69	
09 39 00 00-0035	LF	3/8" Height, Aluminum Transition Trim For Tile (Schluter® RENO-U)	5.98	
09 39 00 00-0036	LF	1/2" Height, Aluminum Transition Trim For Tile (Schluter® RENO-U)	7.29	

09 39 00 00-0037 Outside Wall Edge Protection And Transition Profiles For Tile *(09 39)*

09 39 00 00-0038	LF	1/4" Height, Aluminum Edge Protection Trim For Tile (Schluter® QUADEC)	5.66	
09 39 00 00-0039	LF	5/16" Height, Aluminum Edge Protection Trim For Tile (Schluter® QUADEC)	5.97	
09 39 00 00-0040	LF	3/8" Height, Aluminum Edge Protection Trim For Tile (Schluter® QUADEC)	6.42	
09 39 00 00-0041	LF	1/2" Height, Aluminum Edge Protection Trim For Tile (Schluter® QUADEC)	6.88	
09 39 00 00-0042	LF	1/4" Height, Aluminum Edge Protection Trim For Tile (Schluter® RONDEC)	6.28	
09 39 00 00-0043	LF	5/16" Height, Aluminum Edge Protection Trim For Tile (Schluter® RONDEC)	6.86	
09 39 00 00-0044	LF	3/8" Height, Aluminum Edge Protection Trim For Tile (Schluter® RONDEC)	7.43	
09 39 00 00-0045	LF	1/2" Height, Aluminum Edge Protection Trim For Tile (Schluter® RONDEC)	8.44	

09 50 Ceilings *(09)*

Note: Includes cutting for area around columns, speakers, sprinklers, diffusers, etc.

09 51 Acoustical Ceilings *(09 50)*

Note: Excludes suspension system. See CSI section 09 53 00 00-0000 for suspension systems.

09 51 13 Acoustical Panel Ceilings *(09 51)*

Note: Includes cutting around sprinkler heads, speakers, or other penetrations through the ceiling.

09 51 13 00-0001 Fiberglass Panels *(09 51 13)*

09 51 13 00-0002 Fiberglass Acoustical Panels *(09 51 13 00-0001)*

Note: Includes square or tegular edge and class A fire rating.

09 51 13 00-0003	SF	2' x 2' x 3/4" Thick, Square Edge, Fiberglass Acoustical Ceiling Panel (Armstrong Optima®)	8.93	0.45
		For Up To 50, Add	*1.93*	
		For >50 To 200, Add	*1.19*	
		For >200 To 500, Add	*0.52*	
		For >2,500 To 4,000, Deduct	*-0.22*	
		For >4,000 To 5,000, Deduct	*-0.45*	
		For >5,000, Deduct	*-0.71*	
		For Individual Room Quantities <495, Add	*1.19*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0004	SF	2' x 4' x 3/4" Thick, Square Edge, Fiberglass Acoustical Ceiling Panel (Armstrong Optima®)	8.87	0.45
		For Up To 50, Add	*1.92*	
		For >50 To 200, Add	*1.18*	
		For >200 To 500, Add	*0.52*	
		For >2,500 To 4,000, Deduct	*-0.22*	
		For >4,000 To 5,000, Deduct	*-0.44*	
		For >5,000, Deduct	*-0.70*	
		For Individual Room Quantities <495, Add	*1.18*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0005	SF	2' x 2' x 1" Thick, Square Edge, Fiberglass Acoustical Ceiling Panel (Armstrong Optima®)	9.43	0.57
		For Up To 50, Add	*2.05*	
		For >50 To 200, Add	*1.26*	
		For >200 To 500, Add	*0.55*	
		For >2,500 To 4,000, Deduct	*-0.24*	
		For >4,000 To 5,000, Deduct	*-0.47*	
		For >5,000, Deduct	*-0.75*	
		For Individual Room Quantities <495, Add	*1.26*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0006	SF	2' x 4' x 1" Thick, Square Edge, Fiberglass Acoustical Ceiling Panel (Armstrong Optima®)	9.53	0.57
		For Up To 50, Add	*2.07*	
		For >50 To 200, Add	*1.27*	
		For >200 To 500, Add	*0.56*	
		For >2,500 To 4,000, Deduct	*-0.24*	
		For >4,000 To 5,000, Deduct	*-0.48*	
		For >5,000, Deduct	*-0.75*	
		For Individual Room Quantities <495, Add	*1.27*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Ceilings >10' High, Add	*0.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0007	SF	2' x 2' x 1" Thick, Square or Beveled Tegular Edge, Fiberglass Acoustical Ceiling Panel (Armstrong Optima® 3352, 3354, and 3355)	9.80	0.57
		For Up To 50, Add	*2.11*	
		For >50 To 200, Add	*1.30*	
		For >200 To 500, Add	*0.57*	
		For >2,500 To 4,000, Deduct	*-0.25*	
		For >4,000 To 5,000, Deduct	*-0.49*	
		For >5,000, Deduct	*-0.77*	
		For Individual Room Quantities <495, Add	*1.30*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0008	SF	2' x 4' x 1" Thick, Square Edge, Fiberglass Acoustical Ceiling Panel (Armstrong Optima® 3353)	9.79	0.57
		For Up To 50, Add	*2.10*	
		For >50 To 200, Add	*1.30*	
		For >200 To 500, Add	*0.57*	
		For >2,500 To 4,000, Deduct	*-0.24*	
		For >4,000 To 5,000, Deduct	*-0.49*	
		For >5,000, Deduct	*-0.77*	
		For Individual Room Quantities <495, Add	*1.30*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0009	SF	2' x 2' x 1" Thick, Square Edge, Fiberglass Acoustical Ceiling Panel (Armstrong Lyra™)	10.21	0.57
		For Up To 50, Add	*2.17*	
		For >50 To 200, Add	*1.34*	
		For >200 To 500, Add	*0.59*	
		For >2,500 To 4,000, Deduct	*-0.26*	
		For >4,000 To 5,000, Deduct	*-0.51*	
		For >5,000, Deduct	*-0.81*	
		For Individual Room Quantities <495, Add	*1.34*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0010	SF	2' x 4' x 1" Thick, Square Edge, Fiberglass Acoustical Ceiling Panel (Armstrong Lyra™)	10.20	0.57
		For Up To 50, Add	*2.17*	
		For >50 To 200, Add	*1.34*	
		For >200 To 500, Add	*0.59*	
		For >2,500 To 4,000, Deduct	*-0.26*	
		For >4,000 To 5,000, Deduct	*-0.51*	
		For >5,000, Deduct	*-0.80*	
		For Individual Room Quantities <495, Add	*1.34*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Ceilings >10' High, Add	*0.12*	

09 51 13 00-0011 Mineral Fiber Panels *(09 51 13)*

09 51 13 00-0012 Mineral Fiber Acoustical Ceiling Panels *(09 51 13 00-0011)*

Note: Includes square or tegular edge and class A fire rating.

09 51 13 00-0013	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Random Textured)	2.35	0.45
		For Up To 50, Add	*0.94*	
		For >50 To 200, Add	*0.53*	
		For >200 To 500, Add	*0.19*	
		For >2,500 To 4,000, Deduct	*-0.06*	
		For >4,000 To 5,000, Deduct	*-0.12*	
		For >5,000, Deduct	*-0.21*	
		For Individual Room Quantities <495, Add	*0.53*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.67*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0014	SF	2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Random Textured)	2.33	0.68
		For Up To 50, Add	*0.94*	
		For >50 To 200, Add	*0.53*	
		For >200 To 500, Add	*0.19*	
		For >2,500 To 4,000, Deduct	*-0.06*	
		For >4,000 To 5,000, Deduct	*-0.12*	
		For >5,000, Deduct	*-0.21*	
		For Individual Room Quantities <495, Add	*0.53*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.67*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0015	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cortega)	2.81	0.45
		For Up To 50, Add	*1.01*	
		For >50 To 200, Add	*0.58*	
		For >200 To 500, Add	*0.21*	
		For >2,500 To 4,000, Deduct	*-0.07*	
		For >4,000 To 5,000, Deduct	*-0.14*	
		For >5,000, Deduct	*-0.25*	
		For Individual Room Quantities <495, Add	*0.58*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.67*	
		For Ceilings >10' High, Add	*0.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0016	SF	2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cortega)	2.80	0.68
		For Up To 50, Add	*1.01*	
		For >50 To 200, Add	*0.58*	
		For >200 To 500, Add	*0.21*	
		For >2,500 To 4,000, Deduct	*-0.07*	
		For >4,000 To 5,000, Deduct	*-0.14*	
		For >5,000, Deduct	*-0.25*	
		For Individual Room Quantities <495, Add	*0.58*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.67*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0017	SF	2' x 2' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cortega)	3.12	0.45
		For Up To 50, Add	*1.06*	
		For >50 To 200, Add	*0.61*	
		For >200 To 500, Add	*0.23*	
		For >2,500 To 4,000, Deduct	*-0.08*	
		For >4,000 To 5,000, Deduct	*-0.16*	
		For >5,000, Deduct	*-0.27*	
		For Individual Room Quantities <495, Add	*0.61*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.67*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0018	SF	2' x 4' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cortega)	3.12	0.45
		For Up To 50, Add	*1.06*	
		For >50 To 200, Add	*0.61*	
		For >200 To 500, Add	*0.23*	
		For >2,500 To 4,000, Deduct	*-0.08*	
		For >4,000 To 5,000, Deduct	*-0.16*	
		For >5,000, Deduct	*-0.27*	
		For Individual Room Quantities <495, Add	*0.61*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.67*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0019	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cortega Fire Guard)	3.36	0.68
		For Up To 50, Add	*1.10*	
		For >50 To 200, Add	*0.63*	
		For >200 To 500, Add	*0.24*	
		For >2,500 To 4,000, Deduct	*-0.08*	
		For >4,000 To 5,000, Deduct	*-0.17*	
		For >5,000, Deduct	*-0.29*	
		For Individual Room Quantities <495, Add	*0.63*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.67*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0020	SF	2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cortega Fire Guard)	3.37	0.68
		For Up To 50, Add	*1.10*	
		For >50 To 200, Add	*0.63*	
		For >200 To 500, Add	*0.24*	
		For >2,500 To 4,000, Deduct	*-0.08*	
		For >4,000 To 5,000, Deduct	*-0.17*	
		For >5,000, Deduct	*-0.29*	
		For Individual Room Quantities <495, Add	*0.63*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.67*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0021	SF	2' x 2' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cortega Fire Guard)	3.69	0.68
		For Up To 50, Add	*1.15*	
		For >50 To 200, Add	*0.67*	
		For >200 To 500, Add	*0.26*	
		For >2,500 To 4,000, Deduct	*-0.09*	
		For >4,000 To 5,000, Deduct	*-0.18*	
		For >5,000, Deduct	*-0.31*	
		For Individual Room Quantities <495, Add	*0.67*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.67*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0022	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Designer)	3.10	0.45
		For Up To 50, Add	*1.06*	
		For >50 To 200, Add	*0.61*	
		For >200 To 500, Add	*0.23*	
		For >2,500 To 4,000, Deduct	*-0.08*	
		For >4,000 To 5,000, Deduct	*-0.16*	
		For >5,000, Deduct	*-0.27*	
		For Individual Room Quantities <495, Add	*0.61*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.67*	
		For Ceilings >10' High, Add	*0.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0023	SF	2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Designer)	3.08	0.68
		For Up To 50, Add	*1.05*	
		For >50 To 200, Add	*0.60*	
		For >200 To 500, Add	*0.23*	
		For >2,500 To 4,000, Deduct	*-0.08*	
		For >4,000 To 5,000, Deduct	*-0.15*	
		For >5,000, Deduct	*-0.27*	
		For Individual Room Quantities <495, Add	*0.60*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.67*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0024	SF	2' x 2' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Designer)	3.58	0.45
		For Up To 50, Add	*1.13*	
		For >50 To 200, Add	*0.65*	
		For >200 To 500, Add	*0.25*	
		For >2,500 To 4,000, Deduct	*-0.09*	
		For >4,000 To 5,000, Deduct	*-0.18*	
		For >5,000, Deduct	*-0.31*	
		For Individual Room Quantities <495, Add	*0.65*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.67*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0025	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fissured)	2.81	0.45
		For Up To 50, Add	*1.01*	
		For >50 To 200, Add	*0.58*	
		For >200 To 500, Add	*0.21*	
		For >2,500 To 4,000, Deduct	*-0.07*	
		For >4,000 To 5,000, Deduct	*-0.14*	
		For >5,000, Deduct	*-0.25*	
		For Individual Room Quantities <495, Add	*0.58*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.67*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0026	SF	2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fissured)	2.80	0.45
		For Up To 50, Add	*1.01*	
		For >50 To 200, Add	*0.58*	
		For >200 To 500, Add	*0.21*	
		For >2,500 To 4,000, Deduct	*-0.07*	
		For >4,000 To 5,000, Deduct	*-0.14*	
		For >5,000, Deduct	*-0.25*	
		For Individual Room Quantities <495, Add	*0.58*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.67*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0027	SF	2' x 2' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fissured)	3.12	0.45
		For Up To 50, Add	*1.06*	
		For >50 To 200, Add	*0.61*	
		For >200 To 500, Add	*0.23*	
		For >2,500 To 4,000, Deduct	*-0.08*	
		For >4,000 To 5,000, Deduct	*-0.16*	
		For >5,000, Deduct	*-0.27*	
		For Individual Room Quantities <495, Add	*0.61*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.67*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0028	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured)	2.84	0.45
		For Up To 50, Add	*1.02*	
		For >50 To 200, Add	*0.58*	
		For >200 To 500, Add	*0.22*	
		For >2,500 To 4,000, Deduct	*-0.07*	
		For >4,000 To 5,000, Deduct	*-0.14*	
		For >5,000, Deduct	*-0.25*	
		For Individual Room Quantities <495, Add	*0.58*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.67*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0029	SF	2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured)	2.83	0.45
		For Up To 50, Add	*1.02*	
		For >50 To 200, Add	*0.58*	
		For >200 To 500, Add	*0.22*	
		For >2,500 To 4,000, Deduct	*-0.07*	
		For >4,000 To 5,000, Deduct	*-0.14*	
		For >5,000, Deduct	*-0.25*	
		For Individual Room Quantities <495, Add	*0.58*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.67*	
		For Ceilings >10' High, Add	*0.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0030	SF	2' x 2' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured)	3.28	0.45
		For Up To 50, Add	*1.08*	
		For >50 To 200, Add	*0.62*	
		For >200 To 500, Add	*0.24*	
		For >2,500 To 4,000, Deduct	*-0.08*	
		For >4,000 To 5,000, Deduct	*-0.16*	
		For >5,000, Deduct	*-0.28*	
		For Individual Room Quantities <495, Add	*0.62*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.67*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0031	SF	2' x 4' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured)	3.28	0.45
		For Up To 50, Add	*1.08*	
		For >50 To 200, Add	*0.62*	
		For >200 To 500, Add	*0.24*	
		For >2,500 To 4,000, Deduct	*-0.08*	
		For >4,000 To 5,000, Deduct	*-0.16*	
		For >5,000, Deduct	*-0.28*	
		For Individual Room Quantities <495, Add	*0.62*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.67*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0032	SF	2' x 2' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured)	3.46	0.45
		For Up To 50, Add	*1.11*	
		For >50 To 200, Add	*0.64*	
		For >200 To 500, Add	*0.25*	
		For >2,500 To 4,000, Deduct	*-0.09*	
		For >4,000 To 5,000, Deduct	*-0.17*	
		For >5,000, Deduct	*-0.30*	
		For Individual Room Quantities <495, Add	*0.64*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.67*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0033	SF	2' x 4' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured)	4.10	0.45
		For Up To 50, Add	*1.21*	
		For >50 To 200, Add	*0.71*	
		For >200 To 500, Add	*0.28*	
		For >2,500 To 4,000, Deduct	*-0.10*	
		For >4,000 To 5,000, Deduct	*-0.21*	
		For >5,000, Deduct	*-0.34*	
		For Individual Room Quantities <495, Add	*0.71*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.67*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0034	SF	2' x 2' x 3/4" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured)	3.36	0.45
		For Up To 50, Add	*1.10*	
		For >50 To 200, Add	*0.63*	
		For >200 To 500, Add	*0.24*	
		For >2,500 To 4,000, Deduct	*-0.08*	
		For >4,000 To 5,000, Deduct	*-0.17*	
		For >5,000, Deduct	*-0.29*	
		For Individual Room Quantities <495, Add	*0.63*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.67*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0035	SF	2' x 4' x 3/4" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured)	4.12	0.45
		For Up To 50, Add	*1.21*	
		For >50 To 200, Add	*0.71*	
		For >200 To 500, Add	*0.28*	
		For >2,500 To 4,000, Deduct	*-0.10*	
		For >4,000 To 5,000, Deduct	*-0.21*	
		For >5,000, Deduct	*-0.35*	
		For Individual Room Quantities <495, Add	*0.71*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.67*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0036	SF	30" x 60"' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured)	3.15	0.45
		For Up To 50, Add	*1.06*	
		For >50 To 200, Add	*0.61*	
		For >200 To 500, Add	*0.23*	
		For >2,500 To 4,000, Deduct	*-0.08*	
		For >4,000 To 5,000, Deduct	*-0.16*	
		For >5,000, Deduct	*-0.27*	
		For Individual Room Quantities <495, Add	*0.61*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.67*	
		For Ceilings >10' High, Add	*0.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0037	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured Fire Guard)	3.46	0.68
		For Up To 50, Add	*1.11*	
		For >50 To 200, Add	*0.64*	
		For >200 To 500, Add	*0.25*	
		For >2,500 To 4,000, Deduct	*-0.09*	
		For >4,000 To 5,000, Deduct	*-0.17*	
		For >5,000, Deduct	*-0.30*	
		For Individual Room Quantities <495, Add	*0.64*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.67*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0038	SF	2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured Fire Guard)	3.39	0.68
		For Up To 50, Add	*1.10*	
		For >50 To 200, Add	*0.64*	
		For >200 To 500, Add	*0.24*	
		For >2,500 To 4,000, Deduct	*-0.08*	
		For >4,000 To 5,000, Deduct	*-0.17*	
		For >5,000, Deduct	*-0.29*	
		For Individual Room Quantities <495, Add	*0.64*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.67*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0039	SF	2' x 2' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured Fire Guard)	3.84	0.68
		For Up To 50, Add	*1.17*	
		For >50 To 200, Add	*0.68*	
		For >200 To 500, Add	*0.27*	
		For >2,500 To 4,000, Deduct	*-0.10*	
		For >4,000 To 5,000, Deduct	*-0.19*	
		For >5,000, Deduct	*-0.33*	
		For Individual Room Quantities <495, Add	*0.68*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.67*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0040	SF	2' x 4' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured Fire Guard)	3.84	0.68
		For Up To 50, Add	*1.17*	
		For >50 To 200, Add	*0.68*	
		For >200 To 500, Add	*0.27*	
		For >2,500 To 4,000, Deduct	*-0.10*	
		For >4,000 To 5,000, Deduct	*-0.19*	
		For >5,000, Deduct	*-0.33*	
		For Individual Room Quantities <495, Add	*0.68*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.67*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0041	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ceramaguard Fine Fissured)	9.41	0.80
		For Vertical Application, Add	*0.67*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0042	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Georgian™)	3.65	0.45
		For Up To 50, Add	*1.14*	
		For >50 To 200, Add	*0.66*	
		For >200 To 500, Add	*0.26*	
		For >2,500 To 4,000, Deduct	*-0.09*	
		For >4,000 To 5,000, Deduct	*-0.18*	
		For >5,000, Deduct	*-0.31*	
		For Individual Room Quantities <495, Add	*0.66*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.67*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0043	SF	2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Georgian™)	3.64	0.45
		For Up To 50, Add	*1.14*	
		For >50 To 200, Add	*0.66*	
		For >200 To 500, Add	*0.26*	
		For >2,500 To 4,000, Deduct	*-0.09*	
		For >4,000 To 5,000, Deduct	*-0.18*	
		For >5,000, Deduct	*-0.31*	
		For Individual Room Quantities <495, Add	*0.66*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.67*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0044	SF	2' x 4' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Georgian™)	4.31	0.45
		For Up To 50, Add	*1.24*	
		For >50 To 200, Add	*0.73*	
		For >200 To 500, Add	*0.29*	
		For >2,500 To 4,000, Deduct	*-0.11*	
		For >4,000 To 5,000, Deduct	*-0.22*	
		For >5,000, Deduct	*-0.36*	
		For Individual Room Quantities <495, Add	*0.73*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.67*	
		For Ceilings >10' High, Add	*0.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0045	SF	2' x 2' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Georgian™)	3.92	0.45
		For Up To 50, Add	*1.18*	
		For >50 To 200, Add	*0.69*	
		For >200 To 500, Add	*0.27*	
		For >2,500 To 4,000, Deduct	*-0.10*	
		For >4,000 To 5,000, Deduct	*-0.20*	
		For >5,000, Deduct	*-0.33*	
		For Individual Room Quantities <495, Add	*0.69*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.67*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0046	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Dune)	3.86	0.45
		For Up To 50, Add	*1.17*	
		For >50 To 200, Add	*0.68*	
		For >200 To 500, Add	*0.27*	
		For >2,500 To 4,000, Deduct	*-0.10*	
		For >4,000 To 5,000, Deduct	*-0.19*	
		For >5,000, Deduct	*-0.33*	
		For Individual Room Quantities <495, Add	*0.68*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.67*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0047	SF	2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Dune)	3.86	0.45
		For Up To 50, Add	*1.17*	
		For >50 To 200, Add	*0.68*	
		For >200 To 500, Add	*0.27*	
		For >2,500 To 4,000, Deduct	*-0.10*	
		For >4,000 To 5,000, Deduct	*-0.19*	
		For >5,000, Deduct	*-0.33*	
		For Individual Room Quantities <495, Add	*0.68*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.67*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0048	SF	2' x 2' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Dune)	4.07	0.45
		For Up To 50, Add	*1.20*	
		For >50 To 200, Add	*0.70*	
		For >200 To 500, Add	*0.28*	
		For >2,500 To 4,000, Deduct	*-0.10*	
		For >4,000 To 5,000, Deduct	*-0.20*	
		For >5,000, Deduct	*-0.34*	
		For Individual Room Quantities <495, Add	*0.70*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.67*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0049	SF	2' x 4' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Dune)	4.24	0.45
		For Up To 50, Add	*1.23*	
		For >50 To 200, Add	*0.72*	
		For >200 To 500, Add	*0.29*	
		For >2,500 To 4,000, Deduct	*-0.11*	
		For >4,000 To 5,000, Deduct	*-0.21*	
		For >5,000, Deduct	*-0.36*	
		For Individual Room Quantities <495, Add	*0.72*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.67*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0050	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Dune Fire Guard)	4.48	0.45
		For Up To 50, Add	*1.26*	
		For >50 To 200, Add	*0.74*	
		For >200 To 500, Add	*0.30*	
		For >2,500 To 4,000, Deduct	*-0.11*	
		For >4,000 To 5,000, Deduct	*-0.22*	
		For >5,000, Deduct	*-0.37*	
		For Individual Room Quantities <495, Add	*0.74*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.67*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0051	SF	2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Dune Fire Guard)	4.44	0.45
		For Up To 50, Add	*1.26*	
		For >50 To 200, Add	*0.74*	
		For >200 To 500, Add	*0.30*	
		For >2,500 To 4,000, Deduct	*-0.11*	
		For >4,000 To 5,000, Deduct	*-0.22*	
		For >5,000, Deduct	*-0.37*	
		For Individual Room Quantities <495, Add	*0.74*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.67*	
		For Ceilings >10' High, Add	*0.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0052	SF	2' x 2' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Mesa)	4.31	0.68
		For Up To 50, Add	*1.24*	
		For >50 To 200, Add	*0.73*	
		For >200 To 500, Add	*0.29*	
		For >2,500 To 4,000, Deduct	*-0.11*	
		For >4,000 To 5,000, Deduct	*-0.22*	
		For >5,000, Deduct	*-0.36*	
		For Individual Room Quantities <495, Add	*0.73*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.67*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0053	SF	2' x 4' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Mesa)	4.31	0.68
		For Up To 50, Add	*1.24*	
		For >50 To 200, Add	*0.73*	
		For >200 To 500, Add	*0.29*	
		For >2,500 To 4,000, Deduct	*-0.11*	
		For >4,000 To 5,000, Deduct	*-0.22*	
		For >5,000, Deduct	*-0.36*	
		For Individual Room Quantities <495, Add	*0.73*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.67*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0054	SF	2' x 2' x 3/4" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Mesa)	4.68	0.45
		For Up To 50, Add	*1.29*	
		For >50 To 200, Add	*0.76*	
		For >200 To 500, Add	*0.31*	
		For >2,500 To 4,000, Deduct	*-0.12*	
		For >4,000 To 5,000, Deduct	*-0.23*	
		For >5,000, Deduct	*-0.39*	
		For Individual Room Quantities <495, Add	*0.76*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.67*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0055	SF	2' x 4' x 3/4" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Mesa)	4.57	0.45
		For Up To 50, Add	*1.28*	
		For >50 To 200, Add	*0.75*	
		For >200 To 500, Add	*0.30*	
		For >2,500 To 4,000, Deduct	*-0.11*	
		For >4,000 To 5,000, Deduct	*-0.23*	
		For >5,000, Deduct	*-0.38*	
		For Individual Room Quantities <495, Add	*0.75*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.67*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0056	SF	2' x 2' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cirrus)	5.65	0.68
		For Up To 50, Add	*1.44*	
		For >50 To 200, Add	*0.86*	
		For >200 To 500, Add	*0.36*	
		For >2,500 To 4,000, Deduct	*-0.14*	
		For >4,000 To 5,000, Deduct	*-0.28*	
		For >5,000, Deduct	*-0.46*	
		For Individual Room Quantities <495, Add	*0.86*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.67*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0057	SF	2' x 4' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cirrus)	5.60	0.68
		For Up To 50, Add	*1.43*	
		For >50 To 200, Add	*0.86*	
		For >200 To 500, Add	*0.35*	
		For >2,500 To 4,000, Deduct	*-0.14*	
		For >4,000 To 5,000, Deduct	*-0.28*	
		For >5,000, Deduct	*-0.46*	
		For Individual Room Quantities <495, Add	*0.86*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.67*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0058	SF	2' x 2' x 3/4" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cirrus)	5.65	0.68
		For Up To 50, Add	*1.44*	
		For >50 To 200, Add	*0.86*	
		For >200 To 500, Add	*0.36*	
		For >2,500 To 4,000, Deduct	*-0.14*	
		For >4,000 To 5,000, Deduct	*-0.28*	
		For >5,000, Deduct	*-0.46*	
		For Individual Room Quantities <495, Add	*0.86*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.67*	
		For Ceilings >10' High, Add	*0.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0059	SF	2' x 4' x 3/4" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cirrus)	5.60	0.68
		For Up To 50, Add	*1.43*	
		For >50 To 200, Add	*0.86*	
		For >200 To 500, Add	*0.35*	
		For >2,500 To 4,000, Deduct	*-0.14*	
		For >4,000 To 5,000, Deduct	*-0.28*	
		For >5,000, Deduct	*-0.46*	
		For Individual Room Quantities <495, Add	*0.86*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.67*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0060	SF	2' x 4' x 3/4" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cirrus Second Look)	6.21	0.45
		For Up To 50, Add	*1.52*	
		For >50 To 200, Add	*0.92*	
		For >200 To 500, Add	*0.38*	
		For >2,500 To 4,000, Deduct	*-0.16*	
		For >4,000 To 5,000, Deduct	*-0.31*	
		For >5,000, Deduct	*-0.50*	
		For Individual Room Quantities <495, Add	*0.92*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.67*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0061	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Tundra)	6.16	0.68
		For Up To 50, Add	*1.52*	
		For >50 To 200, Add	*0.91*	
		For >200 To 500, Add	*0.38*	
		For >2,500 To 4,000, Deduct	*-0.15*	
		For >4,000 To 5,000, Deduct	*-0.31*	
		For >5,000, Deduct	*-0.50*	
		For Individual Room Quantities <495, Add	*0.91*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.67*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0062	SF	2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Tundra)	6.14	0.68
		For Up To 50, Add	*1.51*	
		For >50 To 200, Add	*0.91*	
		For >200 To 500, Add	*0.38*	
		For >2,500 To 4,000, Deduct	*-0.15*	
		For >4,000 To 5,000, Deduct	*-0.31*	
		For >5,000, Deduct	*-0.50*	
		For Individual Room Quantities <495, Add	*0.91*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.67*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0063	SF	2' x 2' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Tundra)	6.65	0.45
		For Up To 50, Add	*1.59*	
		For >50 To 200, Add	*0.96*	
		For >200 To 500, Add	*0.41*	
		For >2,500 To 4,000, Deduct	*-0.17*	
		For >4,000 To 5,000, Deduct	*-0.33*	
		For >5,000, Deduct	*-0.54*	
		For Individual Room Quantities <495, Add	*0.96*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.67*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0064	SF	2' x 4' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Tundra)	6.65	0.45
		For Up To 50, Add	*1.59*	
		For >50 To 200, Add	*0.96*	
		For >200 To 500, Add	*0.41*	
		For >2,500 To 4,000, Deduct	*-0.17*	
		For >4,000 To 5,000, Deduct	*-0.33*	
		For >5,000, Deduct	*-0.54*	
		For Individual Room Quantities <495, Add	*0.96*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.67*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0065	SF	2' x 2' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima®)	6.18	0.45
		For Up To 50, Add	*1.52*	
		For >50 To 200, Add	*0.91*	
		For >200 To 500, Add	*0.38*	
		For >2,500 To 4,000, Deduct	*-0.15*	
		For >4,000 To 5,000, Deduct	*-0.31*	
		For >5,000, Deduct	*-0.50*	
		For Individual Room Quantities <495, Add	*0.91*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.67*	
		For Ceilings >10' High, Add	*0.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0066	SF	2' x 4' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima®)	6.18	0.45
		For Up To 50, Add	*1.52*	
		For >50 To 200, Add	*0.91*	
		For >200 To 500, Add	*0.38*	
		For >2,500 To 4,000, Deduct	*-0.15*	
		For >4,000 To 5,000, Deduct	*-0.31*	
		For >5,000, Deduct	*-0.50*	
		For Individual Room Quantities <495, Add	*0.91*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.67*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0067	SF	2' x 2' x 3/4" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima®)	6.18	0.45
		For Up To 50, Add	*1.52*	
		For >50 To 200, Add	*0.91*	
		For >200 To 500, Add	*0.38*	
		For >2,500 To 4,000, Deduct	*-0.15*	
		For >4,000 To 5,000, Deduct	*-0.31*	
		For >5,000, Deduct	*-0.50*	
		For Individual Room Quantities <495, Add	*0.91*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.67*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0068	SF	2' x 4' x 3/4" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima®)	6.18	0.45
		For Up To 50, Add	*1.52*	
		For >50 To 200, Add	*0.91*	
		For >200 To 500, Add	*0.38*	
		For >2,500 To 4,000, Deduct	*-0.15*	
		For >4,000 To 5,000, Deduct	*-0.31*	
		For >5,000, Deduct	*-0.50*	
		For Individual Room Quantities <495, Add	*0.91*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.67*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0069	SF	2' x 2' x 7/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima High-NRC)	6.64	0.57
		For Up To 50, Add	*1.63*	
		For >50 To 200, Add	*0.98*	
		For >200 To 500, Add	*0.41*	
		For >2,500 To 4,000, Deduct	*-0.17*	
		For >4,000 To 5,000, Deduct	*-0.33*	
		For >5,000, Deduct	*-0.54*	
		For Individual Room Quantities <495, Add	*0.98*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.72*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0070	SF	2' x 4' x 7/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima High-NRC)	6.64	0.57
		For Up To 50, Add	*1.63*	
		For >50 To 200, Add	*0.98*	
		For >200 To 500, Add	*0.41*	
		For >2,500 To 4,000, Deduct	*-0.17*	
		For >4,000 To 5,000, Deduct	*-0.33*	
		For >5,000, Deduct	*-0.54*	
		For Individual Room Quantities <495, Add	*0.98*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.72*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0071	SF	2' x 2' x 7/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima High-NRC)	6.64	0.57
		For Up To 50, Add	*1.63*	
		For >50 To 200, Add	*0.98*	
		For >200 To 500, Add	*0.41*	
		For >2,500 To 4,000, Deduct	*-0.17*	
		For >4,000 To 5,000, Deduct	*-0.33*	
		For >5,000, Deduct	*-0.54*	
		For Individual Room Quantities <495, Add	*0.98*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.72*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0072	SF	2' x 4' x 7/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima High-NRC)	6.64	0.57
		For Up To 50, Add	*1.63*	
		For >50 To 200, Add	*0.98*	
		For >200 To 500, Add	*0.41*	
		For >2,500 To 4,000, Deduct	*-0.17*	
		For >4,000 To 5,000, Deduct	*-0.33*	
		For >5,000, Deduct	*-0.54*	
		For Individual Room Quantities <495, Add	*0.98*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.72*	
		For Ceilings >10' High, Add	*0.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0073	SF	2' x 2' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima Health Zone™)	6.99	0.45
		For Up To 50, Add	*1.64*	
		For >50 To 200, Add	*1.00*	
		For >200 To 500, Add	*0.42*	
		For >2,500 To 4,000, Deduct	*-0.17*	
		For >4,000 To 5,000, Deduct	*-0.35*	
		For >5,000, Deduct	*-0.56*	
		For Individual Room Quantities <495, Add	*1.00*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.67*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0074	SF	2' x 4' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima Health Zone™)	6.99	0.45
		For Up To 50, Add	*1.64*	
		For >50 To 200, Add	*1.00*	
		For >200 To 500, Add	*0.42*	
		For >2,500 To 4,000, Deduct	*-0.17*	
		For >4,000 To 5,000, Deduct	*-0.35*	
		For >5,000, Deduct	*-0.56*	
		For Individual Room Quantities <495, Add	*1.00*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.67*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0075	SF	2' x 2' x 3/4" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima Health Zone™)	6.99	0.45
		For Up To 50, Add	*1.64*	
		For >50 To 200, Add	*1.00*	
		For >200 To 500, Add	*0.42*	
		For >2,500 To 4,000, Deduct	*-0.17*	
		For >4,000 To 5,000, Deduct	*-0.35*	
		For >5,000, Deduct	*-0.56*	
		For Individual Room Quantities <495, Add	*1.00*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.67*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0076	SF	2' x 2' x 7/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima Health Zone™ High-NRC)	7.94	0.45
		For Up To 50, Add	*1.83*	
		For >50 To 200, Add	*1.11*	
		For >200 To 500, Add	*0.48*	
		For >2,500 To 4,000, Deduct	*-0.20*	
		For >4,000 To 5,000, Deduct	*-0.40*	
		For >5,000, Deduct	*-0.64*	
		For Individual Room Quantities <495, Add	*1.11*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.72*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0077	SF	2' x 4' x 7/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima Health Zone™ High-NRC)	7.82	0.45
		For Up To 50, Add	*1.81*	
		For >50 To 200, Add	*1.10*	
		For >200 To 500, Add	*0.47*	
		For >2,500 To 4,000, Deduct	*-0.20*	
		For >4,000 To 5,000, Deduct	*-0.39*	
		For >5,000, Deduct	*-0.63*	
		For Individual Room Quantities <495, Add	*1.10*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.72*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0078	SF	2' x 2' x 7/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima Health Zone™ High-NRC)	7.88	0.45
		For Up To 50, Add	*1.82*	
		For >50 To 200, Add	*1.11*	
		For >200 To 500, Add	*0.47*	
		For >2,500 To 4,000, Deduct	*-0.20*	
		For >4,000 To 5,000, Deduct	*-0.39*	
		For >5,000, Deduct	*-0.63*	
		For Individual Room Quantities <495, Add	*1.11*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.72*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0079	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong VL)	7.39	0.45
		For Up To 50, Add	*1.70*	
		For >50 To 200, Add	*1.04*	
		For >200 To 500, Add	*0.44*	
		For >2,500 To 4,000, Deduct	*-0.18*	
		For >4,000 To 5,000, Deduct	*-0.37*	
		For >5,000, Deduct	*-0.59*	
		For Individual Room Quantities <495, Add	*1.04*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.67*	
		For Ceilings >10' High, Add	*0.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0080	SF	2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong VL)	7.25	0.45
		For Up To 50, Add	*1.68*	
		For >50 To 200, Add	*1.02*	
		For >200 To 500, Add	*0.44*	
		For >2,500 To 4,000, Deduct	*-0.18*	
		For >4,000 To 5,000, Deduct	*-0.36*	
		For >5,000, Deduct	*-0.58*	
		For Individual Room Quantities <495, Add	*1.02*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.67*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0081	SF	2' x 2' x 1" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Calla)	8.03	0.57
		For Up To 50, Add	*1.84*	
		For >50 To 200, Add	*1.12*	
		For >200 To 500, Add	*0.48*	
		For >2,500 To 4,000, Deduct	*-0.20*	
		For >4,000 To 5,000, Deduct	*-0.40*	
		For >5,000, Deduct	*-0.64*	
		For Individual Room Quantities <495, Add	*1.12*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.72*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0082	SF	2' x 4' x 1" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Calla)	8.03	0.57
		For Up To 50, Add	*1.84*	
		For >50 To 200, Add	*1.12*	
		For >200 To 500, Add	*0.48*	
		For >2,500 To 4,000, Deduct	*-0.20*	
		For >4,000 To 5,000, Deduct	*-0.40*	
		For >5,000, Deduct	*-0.64*	
		For Individual Room Quantities <495, Add	*1.12*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.72*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0083	SF	2' x 2' x 1" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Calla)	8.03	0.45
		For Up To 50, Add	*1.84*	
		For >50 To 200, Add	*1.12*	
		For >200 To 500, Add	*0.48*	
		For >2,500 To 4,000, Deduct	*-0.20*	
		For >4,000 To 5,000, Deduct	*-0.40*	
		For >5,000, Deduct	*-0.64*	
		For Individual Room Quantities <495, Add	*1.12*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.72*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0084	SF	2' x 4' x 1" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Calla)	8.03	0.57
		For Up To 50, Add	*1.84*	
		For >50 To 200, Add	*1.12*	
		For >200 To 500, Add	*0.48*	
		For >2,500 To 4,000, Deduct	*-0.20*	
		For >4,000 To 5,000, Deduct	*-0.40*	
		For >5,000, Deduct	*-0.64*	
		For Individual Room Quantities <495, Add	*1.12*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.72*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0085	SF	20" x 60" x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (USG Radar™ 2617)	2.74	0.45
		For Individual Room Quantities <495, Add	*0.57*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.67*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0086	SF	20" x 60" x 5/8" Thick, Tapered Edge, Mineral Fiber Acoustical Ceiling Panel (USG Radar™ 2627)	2.83	0.45
		For Individual Room Quantities <495, Add	*0.58*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.67*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0087	SF	2' x 4' x 3/4" Tapered Edge, Mineral Fiber Acoustical Ceiling Panel (USG Radar™ Illusion Basic Two 2742)	4.34	0.45
		For Individual Room Quantities <495, Add	*0.73*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Vertical Application, Add	*0.67*	
		For Ceilings >10' High, Add	*0.11*	

09 51 13 00-0088 Wood Fiber Panels *(09 51 13)*

09 51 13 00-0089	SF	2' x 2' x 1/2" Wood Fiber Acoustical Ceiling Panels	8.28	0.68
		For Up To 50, Add	*2.05*	
		For >50 To 200, Add	*1.23*	
		For >200 To 500, Add	*0.52*	
		For >2,500 To 4,000, Deduct	*-0.21*	
		For >4,000 To 5,000, Deduct	*-0.41*	
		For >5,000, Deduct	*-0.67*	
		For Individual Room Quantities <495, Add	*1.23*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Ceilings >10' High, Add	*0.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0090	SF	2' x 4' x 1/2" Wood Fiber Acoustical Ceiling Panels	8.07	0.68
		For Up To 50, Add	*1.94*	
		For >50 To 200, Add	*1.17*	
		For >200 To 500, Add	*0.49*	
		For >2,500 To 4,000, Deduct	*-0.20*	
		For >4,000 To 5,000, Deduct	*-0.40*	
		For >5,000, Deduct	*-0.65*	
		For Individual Room Quantities <495, Add	*1.17*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Ceilings >10' High, Add	*0.14*	
09 51 13 00-0091	SF	2' x 2' x 5/8" Wood Fiber Acoustical Ceiling Panels	11.07	0.68
		For Up To 50, Add	*2.47*	
		For >50 To 200, Add	*1.51*	
		For >200 To 500, Add	*0.66*	
		For >2,500 To 4,000, Deduct	*-0.28*	
		For >4,000 To 5,000, Deduct	*-0.55*	
		For >5,000, Deduct	*-0.88*	
		For Individual Room Quantities <495, Add	*1.51*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Ceilings >10' High, Add	*0.15*	
09 51 13 00-0092	SF	2' x 4' x 5/8" Wood Fiber Acoustical Ceiling Panels	10.86	0.68
		For Up To 50, Add	*2.36*	
		For >50 To 200, Add	*1.45*	
		For >200 To 500, Add	*0.63*	
		For >2,500 To 4,000, Deduct	*-0.27*	
		For >4,000 To 5,000, Deduct	*-0.54*	
		For >5,000, Deduct	*-0.86*	
		For Individual Room Quantities <495, Add	*1.45*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Ceilings >10' High, Add	*0.14*	
09 51 13 00-0093	SF	2' x 2' x 3/4" Wood Fiber Acoustical Ceiling Panels	13.77	0.68
		For Up To 50, Add	*2.88*	
		For >50 To 200, Add	*1.78*	
		For >200 To 500, Add	*0.79*	
		For >2,500 To 4,000, Deduct	*-0.34*	
		For >4,000 To 5,000, Deduct	*-0.69*	
		For >5,000, Deduct	*-1.08*	
		For Individual Room Quantities <495, Add	*1.78*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Ceilings >10' High, Add	*0.15*	
09 51 13 00-0094	SF	2' x 4' x 3/4" Wood Fiber Acoustical Ceiling Panels	13.56	0.68
		For Up To 50, Add	*2.76*	
		For >50 To 200, Add	*1.72*	
		For >200 To 500, Add	*0.77*	
		For >2,500 To 4,000, Deduct	*-0.34*	
		For >4,000 To 5,000, Deduct	*-0.68*	
		For >5,000, Deduct	*-1.06*	
		For Individual Room Quantities <495, Add	*1.72*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Ceilings >10' High, Add	*0.14*	
09 51 13 00-0095	SF	2' x 2' x 1" Wood Fiber Acoustical Ceiling Panels	9.92	0.68
		For Up To 50, Add	*2.30*	
		For >50 To 200, Add	*1.40*	
		For >200 To 500, Add	*0.60*	
		For >2,500 To 4,000, Deduct	*-0.25*	
		For >4,000 To 5,000, Deduct	*-0.50*	
		For >5,000, Deduct	*-0.79*	
		For Individual Room Quantities <495, Add	*1.40*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Ceilings >10' High, Add	*0.15*	
09 51 13 00-0096	SF	2' x 4' x 1" Wood Fiber Acoustical Ceiling Panels	9.71	0.68
		For Up To 50, Add	*2.18*	
		For >50 To 200, Add	*1.34*	
		For >200 To 500, Add	*0.58*	
		For >2,500 To 4,000, Deduct	*-0.24*	
		For >4,000 To 5,000, Deduct	*-0.49*	
		For >5,000, Deduct	*-0.77*	
		For Individual Room Quantities <495, Add	*1.34*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Ceilings >10' High, Add	*0.14*	

09 51 13 00-0097 Removal And Reinstallation Of Acoustical Ceiling Panels *(09 51 13)*
Note: 2'x2' Or 2'x4'. Includes storage and cleaning.

09 51 13 00-0098	SF	Removal And Reinstallation Of Acoustical Panels Only	2.33	
		For Up To 50, Add	*1.28*	
		For >50 To 200, Add	*0.70*	
		For >200 To 500, Add	*0.23*	
		For >2,500 To 4,000, Deduct	*-0.06*	
		For >4,000 To 5,000, Deduct	*-0.12*	
		For >5,000, Deduct	*-0.23*	
		For Ceilings >10' High, Add	*0.17*	

09 51 23 Acoustical Tile Ceilings *(09 51)*
Note: Includes fastening with staples and/or adhesive.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 23 00-0001		**Mineral Fiber Acoustical Tile Ceilings** *(09 51 23)*		
09 51 23 00-0002	SF	12" x 12" x 1/2" Tongue And Groove Mineral Fiber Acoustical Ceiling Tile	6.17	1.25
		For Furring 1 x 3 Strips 12" On Center, Add	*0.50*	
		For Up To 50, Add	*2.07*	
		For >50 To 200, Add	*1.19*	
		For >200 To 500, Add	*0.45*	
		For >2,500, Deduct	*-0.31*	
		For Ceilings >10' High, Add	*0.21*	
09 51 23 00-0003	SF	12" x 12" x 5/8" Spline Mineral Fiber Acoustical Ceiling Tile	7.42	1.25
		For Furring 1 x 3 Strips 12" On Center, Add	*0.50*	
		For Up To 50, Add	*2.25*	
		For >50 To 200, Add	*1.31*	
		For >200 To 500, Add	*0.51*	
		For >2,500, Deduct	*-0.37*	
		For Placing Tiles In Suspended Ceiling System, Deduct	*-0.52*	
		For Ceilings >10' High, Add	*0.21*	
09 51 23 00-0004	SF	12" x 12" x 3/4" Spline Mineral Fiber Acoustical Ceiling Tile	8.41	1.25
		For Furring 1 x 3 Strips 12" On Center, Add	*0.50*	
		For Up To 50, Add	*2.40*	
		For >50 To 200, Add	*1.41*	
		For >200 To 500, Add	*0.56*	
		For >2,500, Deduct	*-0.42*	
		For Placing Tiles In Suspended Ceiling System, Deduct	*-0.52*	
		For Ceilings >10' High, Add	*0.21*	
09 51 23 00-0005		**Wood Fiber Acoustical Tile Ceilings** *(09 51 23)*		
09 51 23 00-0006	SF	12" x 12" x 1/2" Staple Flange Wood Fiber Acoustical Ceiling Tile	5.65	1.25
		For Furring 1 x 3 Strips 12" On Center, Add	*0.50*	
		For Up To 50, Add	*1.99*	
		For >50 To 200, Add	*1.14*	
		For >200 To 500, Add	*0.43*	
		For >2,500, Deduct	*-0.28*	
		For Ceilings >10' High, Add	*0.21*	
09 51 33		**Acoustical Metal Pan Ceilings** *(09 51)*		
09 51 33 13		**Acoustical Snap-in Metal Pan Ceilings** *(09 51 33)*		
09 51 33 13-0001		**Galvanized Steel, Acoustical Snap-In Metal Ceiling Panels** *(09 51 33 13)*		
09 51 33 13-0002	SF	24" x 24", Unperforated, Tamper-Resistant, 18 Gauge, Galvanized Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ SecureLock™)	23.82	1.00
09 51 33 13-0003	SF	24" x 24", Perforated, Tamper-Resistant, 18 Gauge, Galvanized Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ SecureLock™)	25.51	1.00
09 51 33 13-0004		**Aluminum, Acoustical Snap-In Metal Ceiling Panels** *(09 51 33 13)*		
09 51 33 13-0005	SF	24" x 24", Unperforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	17.62	1.14
09 51 33 13-0006	SF	24" x 24", Unperforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	30.17	1.14
09 51 33 13-0007	SF	24" x 24", Unperforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	59.41	1.14
09 51 33 13-0008	SF	24" x 24", Unperforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	26.69	1.14
09 51 33 13-0009	SF	24" x 24", Perforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	18.63	1.14
09 51 33 13-0010	SF	24" x 24", Perforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	29.38	1.14
09 51 33 13-0011	SF	24" x 24", Perforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	58.96	1.14
09 51 33 13-0012	SF	24" x 24", Perforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	26.47	1.14
09 51 33 13-0013	SF	30" x 30", Unperforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	24.12	1.14
09 51 33 13-0014	SF	30" x 30", Unperforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	31.85	1.14
09 51 33 13-0015	SF	30" x 30", Unperforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	65.57	1.14
09 51 33 13-0016	SF	30" x 30", Unperforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	31.51	1.14
09 51 33 13-0017	SF	30" x 30", Perforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	25.57	1.14
09 51 33 13-0018	SF	30" x 30", Perforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	32.63	1.14
09 51 33 13-0019	SF	30" x 30", Perforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	67.81	1.14
09 51 33 13-0020	SF	30" x 30", Perforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	32.29	1.14
09 51 33 13-0021	SF	12" x 48", Unperforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	21.76	1.14
09 51 33 13-0022	SF	12" x 48", Unperforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	35.88	1.14

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 33 13-0023	SF	12" x 48", Unperforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	64.11	1.14
09 51 33 13-0024	SF	12" x 48", Unperforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	30.73	1.14
09 51 33 13-0025	SF	12" x 48", Perforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	23.44	1.14
09 51 33 13-0026	SF	12" x 48", Perforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	36.33	1.14
09 51 33 13-0027	SF	12" x 48", Perforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	66.46	1.14
09 51 33 13-0028	SF	12" x 48", Perforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	31.73	1.14
09 51 33 13-0029	SF	24" x 48", Unperforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	17.15	1.14
09 51 33 13-0030	SF	24" x 48", Unperforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	26.56	1.14
09 51 33 13-0031	SF	24" x 48", Unperforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	55.69	1.14
09 51 33 13-0032	SF	24" x 48", Unperforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	25.21	1.14
09 51 33 13-0033	SF	24" x 48", Perforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	18.27	1.14
09 51 33 13-0034	SF	24" x 48", Perforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	26.33	1.14
09 51 33 13-0035	SF	24" x 48", Perforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	55.80	1.14
09 51 33 13-0036	SF	24" x 48", Perforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	25.21	1.14

09 51 33 23 Acoustical Lay-in Metal Pan Ceilings *(09 51 33)*

09 51 33 23-0001 Acoustical Lay-In Metal Pan Ceilings *(09 51 33 23)*

09 51 33 23-0002 Aluminum, Acoustical Lay-In Metal Ceiling Panels *(09 51 33 23-0001)*

09 51 33 23-0003	SF	24" x 24", Unperforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	18.51	0.86
		For Up To 50, Add	*3.46*	
		For >50 To 200, Add	*2.19*	
		For >200 To 500, Add	*1.01*	
		For >2,500 To 4,000, Deduct	*-0.46*	
		For >4,000 To 5,000, Deduct	*-0.93*	
		For >5,000, Deduct	*-1.43*	
		For Ceilings >10' High, Add	*0.13*	
09 51 33 23-0004	SF	24" x 24", Unperforated, Metallic Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	21.04	0.86
		For Up To 50, Add	*3.84*	
		For >50 To 200, Add	*2.45*	
		For >200 To 500, Add	*1.14*	
		For >2,500 To 4,000, Deduct	*-0.53*	
		For >4,000 To 5,000, Deduct	*-1.05*	
		For >5,000, Deduct	*-1.62*	
		For Ceilings >10' High, Add	*0.13*	
09 51 33 23-0005	SF	24" x 24", Unperforated, Wood Tone Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	31.12	0.86
		For Up To 50, Add	*5.35*	
		For >50 To 200, Add	*3.45*	
		For >200 To 500, Add	*1.64*	
		For >2,500 To 4,000, Deduct	*-0.78*	
		For >4,000 To 5,000, Deduct	*-1.56*	
		For >5,000, Deduct	*-2.38*	
		For Ceilings >10' High, Add	*0.13*	
09 51 33 23-0006	SF	24" x 24", Perforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	26.36	0.86
		For Up To 50, Add	*4.64*	
		For >50 To 200, Add	*2.98*	
		For >200 To 500, Add	*1.40*	
		For >2,500 To 4,000, Deduct	*-0.66*	
		For >4,000 To 5,000, Deduct	*-1.32*	
		For >5,000, Deduct	*-2.02*	
		For Ceilings >10' High, Add	*0.13*	
09 51 33 23-0007	SF	24" x 24", Perforated, Metallic Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	28.32	0.86
		For Up To 50, Add	*4.93*	
		For >50 To 200, Add	*3.17*	
		For >200 To 500, Add	*1.50*	
		For >2,500 To 4,000, Deduct	*-0.71*	
		For >4,000 To 5,000, Deduct	*-1.42*	
		For >5,000, Deduct	*-2.17*	
		For Ceilings >10' High, Add	*0.13*	
09 51 33 23-0008	SF	24" x 24", Perforated, Wood Tone Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	44.84	0.86
		For Up To 50, Add	*7.41*	
		For >50 To 200, Add	*4.83*	
		For >200 To 500, Add	*2.33*	
		For >2,500 To 4,000, Deduct	*-1.12*	
		For >4,000 To 5,000, Deduct	*-2.24*	
		For >5,000, Deduct	*-3.41*	
		For Ceilings >10' High, Add	*0.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 33 23-0009	SF	30" x 30", Unperforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	27.88	0.86
		For Up To 50, Add	*4.87*	
		For >50 To 200, Add	*3.13*	
		For >200 To 500, Add	*1.48*	
		For >2,500 To 4,000, Deduct	*-0.70*	
		For >4,000 To 5,000, Deduct	*-1.39*	
		For >5,000, Deduct	*-2.13*	
		For Ceilings >10' High, Add	*0.13*	
09 51 33 23-0010	SF	30" x 30", Perforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	34.69	0.86
		For Up To 50, Add	*5.89*	
		For >50 To 200, Add	*3.81*	
		For >200 To 500, Add	*1.82*	
		For >2,500 To 4,000, Deduct	*-0.87*	
		For >4,000 To 5,000, Deduct	*-1.73*	
		For >5,000, Deduct	*-2.64*	
		For Ceilings >10' High, Add	*0.13*	
09 51 33 23-0011	SF	48" x 48", Unperforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	28.04	0.86
		For Up To 50, Add	*4.89*	
		For >50 To 200, Add	*3.15*	
		For >200 To 500, Add	*1.49*	
		For >2,500 To 4,000, Deduct	*-0.70*	
		For >4,000 To 5,000, Deduct	*-1.40*	
		For >5,000, Deduct	*-2.15*	
		For Ceilings >10' High, Add	*0.13*	
09 51 33 23-0012	SF	48" x 48", Perforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	34.90	0.86
		For Up To 50, Add	*5.92*	
		For >50 To 200, Add	*3.83*	
		For >200 To 500, Add	*1.83*	
		For >2,500 To 4,000, Deduct	*-0.87*	
		For >4,000 To 5,000, Deduct	*-1.75*	
		For >5,000, Deduct	*-2.66*	
		For Ceilings >10' High, Add	*0.13*	
09 51 33 23-0013	SF	12" x 48", Unperforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	28.18	0.86
		For Up To 50, Add	*4.91*	
		For >50 To 200, Add	*3.16*	
		For >200 To 500, Add	*1.49*	
		For >2,500 To 4,000, Deduct	*-0.70*	
		For >4,000 To 5,000, Deduct	*-1.41*	
		For >5,000, Deduct	*-2.16*	
		For Ceilings >10' High, Add	*0.13*	
09 51 33 23-0014	SF	12" x 48", Perforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	34.76	0.86
		For Up To 50, Add	*5.90*	
		For >50 To 200, Add	*3.82*	
		For >200 To 500, Add	*1.82*	
		For >2,500 To 4,000, Deduct	*-0.87*	
		For >4,000 To 5,000, Deduct	*-1.74*	
		For >5,000, Deduct	*-2.65*	
		For Ceilings >10' High, Add	*0.13*	
09 51 33 23-0015	SF	24" x 48", Unperforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	28.18	0.86
		For Up To 50, Add	*4.91*	
		For >50 To 200, Add	*3.16*	
		For >200 To 500, Add	*1.49*	
		For >2,500 To 4,000, Deduct	*-0.70*	
		For >4,000 To 5,000, Deduct	*-1.41*	
		For >5,000, Deduct	*-2.16*	
		For Ceilings >10' High, Add	*0.13*	
09 51 33 23-0016	SF	24" x 48", Perforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	35.04	0.86
		For Up To 50, Add	*5.94*	
		For >50 To 200, Add	*3.85*	
		For >200 To 500, Add	*1.84*	
		For >2,500 To 4,000, Deduct	*-0.88*	
		For >4,000 To 5,000, Deduct	*-1.75*	
		For >5,000, Deduct	*-2.67*	
		For Ceilings >10' High, Add	*0.13*	
09 51 33 23-0017		Steel, Acoustical Lay-In Metal Ceiling Panels *(09 51 33 23-0001)*		
09 51 33 23-0018	SF	24" x 24", Unperforated, 0.021" Thick, Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®)	24.03	0.86
		For Up To 50, Add	*4.29*	
		For >50 To 200, Add	*2.75*	
		For >200 To 500, Add	*1.29*	
		For >2,500 To 4,000, Deduct	*-0.60*	
		For >4,000 To 5,000, Deduct	*-1.20*	
		For >5,000, Deduct	*-1.85*	
		For Ceilings >10' High, Add	*0.13*	
09 51 33 23-0019	SF	24" x 24", Unperforated, 0.021" Thick, Metallic Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®)	28.73	0.86
		For Up To 50, Add	*4.99*	
		For >50 To 200, Add	*3.22*	
		For >200 To 500, Add	*1.52*	
		For >2,500 To 4,000, Deduct	*-0.72*	
		For >4,000 To 5,000, Deduct	*-1.44*	
		For >5,000, Deduct	*-2.20*	
		For Ceilings >10' High, Add	*0.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 33 23-0020	SF	24" x 24", Unperforated, 0.021" Thick, Wood Tone Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®)	30.86	0.86
		For Up To 50, Add	*5.31*	
		For >50 To 200, Add	*3.43*	
		For >200 To 500, Add	*1.63*	
		For >2,500 To 4,000, Deduct	*-0.77*	
		For >4,000 To 5,000, Deduct	*-1.54*	
		For >5,000, Deduct	*-2.36*	
		For Ceilings >10' High, Add	*0.13*	
09 51 33 23-0021	SF	24" x 24", Perforated, 0.021" Thick, Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®)	28.96	0.86
		For Up To 50, Add	*5.03*	
		For >50 To 200, Add	*3.24*	
		For >200 To 500, Add	*1.53*	
		For >2,500 To 4,000, Deduct	*-0.72*	
		For >4,000 To 5,000, Deduct	*-1.45*	
		For >5,000, Deduct	*-2.21*	
		For Ceilings >10' High, Add	*0.13*	
09 51 33 23-0022	SF	24" x 24", Perforated, 0.021" Thick, Metallic Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®)	29.74	0.86
		For Up To 50, Add	*5.15*	
		For >50 To 200, Add	*3.32*	
		For >200 To 500, Add	*1.57*	
		For >2,500 To 4,000, Deduct	*-0.74*	
		For >4,000 To 5,000, Deduct	*-1.49*	
		For >5,000, Deduct	*-2.27*	
		For Ceilings >10' High, Add	*0.13*	
09 51 33 23-0023	SF	24" x 24", Perforated, 0.021" Thick, Wood Tone Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®)	31.53	0.86
		For Up To 50, Add	*5.41*	
		For >50 To 200, Add	*3.50*	
		For >200 To 500, Add	*1.66*	
		For >2,500 To 4,000, Deduct	*-0.79*	
		For >4,000 To 5,000, Deduct	*-1.58*	
		For >5,000, Deduct	*-2.41*	
		For Ceilings >10' High, Add	*0.13*	

09 51 33 33 Acoustical Tegular Lay-in Metal Pan Ceilings *(09 51 33)*

09 51 33 33-0001 Acoustical Tegular Lay-In Metal Pan Ceilings *(09 51 33 33)*

09 51 33 33-0002 Steel, Acoustical Tegular Lay-In Metal Pan Ceilings *(09 51 33 33-0001)*

09 51 33 33-0003	SF	24" x 24", Unperforated, 0.021" Thick, Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™)	17.42	0.86
09 51 33 33-0004	SF	24" x 24", Unperforated, 0.021" Thick, Metallic Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™)	19.66	0.86
09 51 33 33-0005	SF	24" x 24", Unperforated, 0.021" Thick, Wood Tone Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™)	27.95	0.86
09 51 33 33-0006	SF	24" x 24", Perforated, 0.021" Thick, Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™)	19.88	0.86
09 51 33 33-0007	SF	24" x 24", Perforated, 0.021" Thick, Metallic Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™)	22.57	0.86
09 51 33 33-0008	SF	24" x 24", Perforated, 0.021" Thick, Wood Tone Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™)	30.52	0.86

09 53 Acoustical Ceiling Suspension Assemblies *(09 50)*

09 53 23 Metal Acoustical Ceiling Suspension Assemblies *(09 53)*

09 53 23 00-0001 Ceiling Suspension Systems *(09 53 23)*

Note: Hot-dipped galvanized steel. Includes single 8 gauge wire hangers (between 3' To 4') attached from wood deck or wood members above to main members 4' on center. Includes all main tees, cross tees, wall angle, wall anchors, connector clips, hold down clips, double faced tape (where required). All above shall be mechanically installed by minimum 2-1/4" x 3/8" wedge anchors. Excludes chain supports for lights.

09 53 23 00-0002	SF	1' x 1' Grid, Concealed, Hot Dipped Galvanized Steel, 15/16" T Bar Ceiling Suspension System. Note: Excludes ceiling tile.	4.96	0.57
		For Fastening To Concrete, Add	*1.45*	
		For Fastening To Steel, Add	*1.56*	
		For Vertical Application, Add	*2.16*	
		For Individual Room Quantities <495, Add	*0.50*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Up To 50, Add	*1.73*	
		For >50 To 200, Add	*0.99*	
		For >200 To 500, Add	*0.37*	
		For >2,500 To 4,000, Deduct	*-0.11*	
		For >4,000 To 5,000, Deduct	*-0.20*	
		For >5,000, Deduct	*-0.28*	
		For Ceilings >10' High, Add	*0.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 53 23 00-0003	SF	1' x 2' Grid, Hot Dipped Galvanized Steel, 15/16" T Bar Ceiling Suspension System	3.98	0.57
		For UL Listed (Fire Guard), Add	*0.29*	
		For 1-1/2" Wide Faced Grid, Add	*0.53*	
		For Fastening To Concrete, Add	*1.41*	
		For Fastening To Steel, Add	*1.52*	
		For Vertical Application, Add	*1.81*	
		For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add	*2.50*	
		For Individual Room Quantities <495, Add	*0.41*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Aluminum T-Bar System, Add	*0.86*	
		For Up To 50, Add	*1.43*	
		For >50 To 200, Add	*0.81*	
		For >200 To 500, Add	*0.30*	
		For >2,500 To 4,000, Deduct	*-0.09*	
		For >4,000 To 5,000, Deduct	*-0.16*	
		For >5,000, Deduct	*-0.23*	
		For Ceilings >10' High, Add	*0.16*	
09 53 23 00-0004	SF	2' x 2' Grid, Hot Dipped Galvanized Steel, 15/16" T Bar Ceiling Suspension System	3.29	0.57
		For UL Listed (Fire Guard), Add	*0.21*	
		For 1-1/2" Wide Faced Grid, Add	*0.39*	
		For Fastening To Concrete, Add	*1.39*	
		For Fastening To Steel, Add	*1.50*	
		For Vertical Application, Add	*1.66*	
		For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add	*2.50*	
		For Individual Room Quantities <495, Add	*0.35*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Aluminum T-Bar System, Add	*0.63*	
		For Up To 50, Add	*1.25*	
		For >50 To 200, Add	*0.71*	
		For >200 To 500, Add	*0.26*	
		For >2,500 To 4,000, Deduct	*-0.08*	
		For >4,000 To 5,000, Deduct	*-0.14*	
		For >5,000, Deduct	*-0.20*	
		For Black Grid, Add	*0.17*	
		For Ceilings >10' High, Add	*0.14*	
		For Concealed Spline Grid, Add	*0.54*	
09 53 23 00-0005	SF	2' x 4' Grid, Hot Dipped Galvanized Steel, 15/16" T Bar Ceiling Suspension System	2.72	0.57
		For UL Listed (Fire Guard), Add	*0.17*	
		For 1-1/2" Wide Faced Grid, Add	*0.32*	
		For Fastening To Concrete, Add	*1.36*	
		For Fastening To Steel, Add	*1.47*	
		For Vertical Application, Add	*1.59*	
		For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add	*2.50*	
		For Individual Room Quantities <495, Add	*0.30*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Aluminum T-Bar System, Add	*0.51*	
		For Up To 50, Add	*1.04*	
		For >50 To 200, Add	*0.59*	
		For >200 To 500, Add	*0.22*	
		For >2,500 To 4,000, Deduct	*-0.06*	
		For >4,000 To 5,000, Deduct	*-0.11*	
		For >5,000, Deduct	*-0.16*	
		For Black Grid, Add	*0.14*	
		For Ceilings >10' High, Add	*0.12*	
		For Concealed Spline Grid, Add	*0.44*	
09 53 23 00-0006	SF	1'-8" To 2' x 5' Grid, Hot Dipped Galvanized Steel, 15/16" T Bar Ceiling Suspension System	2.40	0.57
		For UL Listed (Fire Guard), Add	*0.15*	
		For 1-1/2" Wide Faced Grid, Add	*0.29*	
		For Fastening To Concrete, Add	*1.34*	
		For Fastening To Steel, Add	*1.45*	
		For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add	*2.50*	
		For Individual Room Quantities <495, Add	*0.26*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Aluminum T-Bar System, Add	*0.46*	
		For Up To 50, Add	*0.91*	
		For >50 To 200, Add	*0.51*	
		For >200 To 500, Add	*0.19*	
		For >2,500 To 4,000, Deduct	*-0.05*	
		For >4,000 To 5,000, Deduct	*-0.10*	
		For >5,000, Deduct	*-0.14*	
		For Ceilings >10' High, Add	*0.10*	
09 53 23 00-0007	SF	2' x 2' Grid, Hot Dipped Galvanized Steel, 9/16" T Bar Ceiling Suspension System	3.58	0.57
		For UL Listed (Fire Guard), Add	*0.25*	
		For Fastening To Concrete, Add	*1.39*	
		For Fastening To Steel, Add	*1.50*	
		For Vertical Application, Add	*1.66*	
		For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add	*2.50*	
		For Individual Room Quantities <495, Add	*0.37*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Up To 50, Add	*1.30*	
		For >50 To 200, Add	*0.74*	
		For >200 To 500, Add	*0.27*	
		For >2,500 To 4,000, Deduct	*-0.08*	
		For >4,000 To 5,000, Deduct	*-0.15*	
		For >5,000, Deduct	*-0.21*	
		For Black Grid, Add	*0.21*	
		For Ceilings >10' High, Add	*0.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 53 23 00-0008	SF	2' x 4' Grid, Hot Dipped Galvanized Steel, 9/16" T Bar Ceiling Suspension System	2.95	0.57
		For UL Listed (Fire Guard), Add	*0.20*	
		For Fastening To Concrete, Add	*1.36*	
		For Fastening To Steel, Add	*1.47*	
		For Vertical Application, Add	*1.59*	
		For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add	*2.50*	
		For Individual Room Quantities <495, Add	*0.31*	
		Note: For use with projects >500 SF. Other quantity discounts would apply.		
		For Up To 50, Add	*1.08*	
		For >50 To 200, Add	*0.61*	
		For >200 To 500, Add	*0.23*	
		For >2,500 To 4,000, Deduct	*-0.07*	
		For >4,000 To 5,000, Deduct	*-0.12*	
		For >5,000, Deduct	*-0.17*	
		For Black Grid, Add	*0.17*	
		For Ceilings >10' High, Add	*0.12*	

09 53 23 00-0009 Ceiling Suspension System Accessories *(09 53 23)*

09 53 23 00-0010	LF	Pencil Rod Support For Suspended Ceiling with Accessories	1.47	
09 53 23 00-0011	LF	1" x 1/8" Flat Bar Bracing For Suspended Ceiling	3.42	1.59
		For 304 Stainless Steel, Add	*2.91*	
		For 316 Stainless Steel, Add	*3.26*	
		For Aluminum, Add	*0.18*	
		For Galvanized Steel, Add	*0.63*	
09 53 23 00-0012	LF	1" x 3/16" Flat Bar Bracing For Suspended Ceiling	4.87	1.71
		For 304 Stainless Steel, Add	*4.42*	
		For 316 Stainless Steel, Add	*4.96*	
		For Aluminum, Add	*0.28*	
		For Galvanized Steel, Add	*0.96*	
09 53 23 00-0013	LF	1-1/2" x 1/4" Flat Bar Bracing For Suspended Ceiling	6.85	1.82
		For 304 Stainless Steel, Add	*8.84*	
		For 316 Stainless Steel, Add	*9.92*	
		For Aluminum, Add	*0.56*	
		For Galvanized Steel, Add	*1.92*	
09 53 23 00-0014	LF	12 Gauge Ceiling Suspension Wire (Seismic Control Or Where Required) For Suspended Ceiling	0.89	
09 53 23 00-0015	LF	8 Gauge Ceiling Suspension Wire (Seismic Control Or Where Required) For Suspended Ceiling	1.04	
09 53 23 00-0016	EA	2', Exposed 15/16" Hot-dipped Galvanized Steel, Suspended Ceiling Cross Tee Note: Can be used to convert an existing 2' x 4' suspension system to a 2' x 2' system or to replace an individual component.	7.46	0.33
09 53 23 00-0017	EA	Lateral Support For Suspended Ceiling Channel, Installed 12'-0" On Center Maximum Note: Includes vertical centerl strut and four 12 gauge diagonal wires.	34.92	9.92
09 53 23 00-0018	EA	Up To 30" Compression Posts, Telescopic, With Splay Wires, Attached To Structure For Suspended Ceiling	93.80	23.15
09 53 23 00-0019	EA	>30" To 48" Compression Posts, Telescopic, With Splay Wires, Attached To Structure For Suspended Ceiling	97.43	23.59
09 53 23 00-0020	EA	>48" To 84" Compression Posts, Telescopic, With Splay Wires, Attached To Structure For Suspended Ceiling	110.59	23.59

09 53 23 00-0021 Removal And Reinstallation Of Acoustical Ceiling Suspension Assembly *(09 53 23)*

Note: 2'x2' Or 2'x4'. Includes storage and cleaning.

09 53 23 00-0022	SF	Removal And Reinstallation Of 2' x 2' Or 2' x 4' Acoustical Ceiling Tile And Grid Assembly Note: Suspension system tie wire, wall angles and bracing to remain in place.	3.14	
		For Up To 50, Add	*1.73*	
		For >50 To 200, Add	*0.94*	
		For >200 To 500, Add	*0.31*	
		For >2,500 To 4,000, Deduct	*-0.08*	
		For >4,000 To 5,000, Deduct	*-0.16*	
		For >5,000, Deduct	*-0.24*	
		For Ceilings >10' High, Add	*0.24*	
09 53 23 00-0023	SF	Removal And Reinstallation Of Grid System Assembly Note: Suspension system tie wire, wall angles and bracing to remain in place. Excludes ceiling tiles.	1.37	
		For Up To 50, Add	*0.75*	
		For >50 To 200, Add	*0.41*	
		For >200 To 500, Add	*0.14*	
		For >2,500 To 4,000, Deduct	*-0.03*	
		For >4,000 To 5,000, Deduct	*-0.07*	
		For >5,000, Deduct	*-0.10*	
		For Ceilings >10' High, Add	*0.10*	

09 54 Specialty Ceilings *(09 50)*

09 54 16 Luminous Ceilings *(09 54)*

09 54 16 00-0001 Translucent Ceiling Panels *(09 54 16)*

09 54 16 00-0002	SF	2' x 2' x 0.013" Thick, Rigid Vinyl Plastic, Translucent Ceiling Panel	3.37	0.57
		For Ceilings >10' High, Add	*0.10*	
		For >100 To 200, Deduct	*-0.14*	
		For >200 To 300, Deduct	*-0.38*	
		For >300, Deduct	*-0.65*	

09 54 23 Linear Metal Ceilings *(09 54)*

09 54 23 00-0001 Linear Ceiling Systems *(09 54 23)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 54 23 00-0002		0.032" Aluminum, Linear Ceiling Systems *(09 54 23 00-0001)* Note: For flat ceilings. Includes round or box style panels with KYNAR 500® or HYLAR 5000® PVDF finish. Includes ceiling suspension system and flush or recessed filler strips.		
09 54 23 00-0003	SF	4" Panel Width, 0.032" Aluminum, Linear Ceiling System	23.18	2.42
		For Up To 50, Add	*5.79*	
		For >50 To 200, Add	*3.48*	
		For >200 To 500, Add	*1.45*	
		For >2,500, Deduct	*-1.16*	
		For Ceilings >10' High, Add	*0.43*	
		For Linear Ceiling Systems Without Filler Strips, Deduct	*-4.32*	
		For Curved Ceilings, Add	*1.38*	
09 54 23 00-0004	SF	8" Panel Width, 0.032" Aluminum, Linear Ceiling System	18.60	2.42
		For Up To 50, Add	*5.06*	
		For >50 To 200, Add	*2.99*	
		For >200 To 500, Add	*1.21*	
		For >2,500, Deduct	*-0.93*	
		For Ceilings >10' High, Add	*0.43*	
		For Linear Ceiling Systems Without Filler Strips, Deduct	*-2.16*	
		For Curved Ceilings, Add	*1.36*	
09 54 23 00-0005	SF	12" Panel Width, 0.032" Aluminum, Linear Ceiling System	16.83	2.42
		For Up To 50, Add	*4.74*	
		For >50 To 200, Add	*2.79*	
		For >200 To 500, Add	*1.12*	
		For >2,500, Deduct	*-0.84*	
		For Ceilings >10' High, Add	*0.42*	
		For Linear Ceiling Systems Without Filler Strips, Deduct	*-1.44*	
		For Curved Ceilings, Add	*1.33*	
09 54 23 00-0006		Tin Ceilings *(09 54 23)*		
09 54 23 00-0007	SF	2' x 2' Tin Ceiling Embossed Panels	22.17	3.75
		For Up To 50, Add	*5.13*	
		For >50 To 200, Add	*3.12*	
		For >200 To 500, Add	*1.33*	
		For >2,500, Deduct	*-1.11*	
		For Ceilings >10' High, Add	*0.34*	
09 54 23 00-0008	SF	12" x 12" Tin Ceiling Embossed Plates	32.91	2.42
		For Up To 50, Add	*6.84*	
		For >50 To 200, Add	*4.24*	
		For >200 To 500, Add	*1.88*	
		For >2,500, Deduct	*-1.65*	
		For Ceilings >10' High, Add	*0.36*	
09 54 23 00-0009	SF	12" x 24" Tin Ceiling Embossed Plates	23.95	2.42
		For Up To 50, Add	*5.50*	
		For >50 To 200, Add	*3.35*	
		For >200 To 500, Add	*1.44*	
		For >2,500, Deduct	*-1.20*	
		For Ceilings >10' High, Add	*0.36*	
09 54 23 00-0010	SF	24" x 24" Tin Ceiling Embossed Plates	22.00	2.42
		For Up To 50, Add	*5.06*	
		For >50 To 200, Add	*3.08*	
		For >200 To 500, Add	*1.32*	
		For >2,500, Deduct	*-1.10*	
		For Ceilings >10' High, Add	*0.33*	
09 54 23 00-0011	SF	24" x 48" Tin Ceiling Embossed Plates	19.20	1.81
		For Up To 50, Add	*4.42*	
		For >50 To 200, Add	*2.69*	
		For >200 To 500, Add	*1.15*	
		For >2,500, Deduct	*-0.96*	
		For Ceilings >10' High, Add	*0.29*	
09 54 23 00-0012	LF	3" Or 4" Wide Embossed Molding	14.83	3.63
		For Ceilings >10' High, Add	*0.53*	
09 54 23 00-0013	LF	6" Wide Embossed Molding	18.61	4.23
		For Ceilings >10' High, Add	*0.59*	
09 54 23 00-0014	LF	12" Wide Embossed Molding	25.00	4.96
		For Ceilings >10' High, Add	*0.74*	
09 54 23 00-0015	EA	3", 4" Or 6" Wide Embossed Cross, Tee Or Ell	42.86	11.47
		For Ceilings >10' High, Add	*1.68*	
09 54 23 00-0016	EA	12" Wide Embossed Cross, Tee Or Ell	59.65	13.41
		For Ceilings >10' High, Add	*2.02*	

09 57 Special Function Ceilings *(09 50)*

09 57 63 High Impact Ceilings *(09 57)*

09 57 63 00-0001		High Impact Ceilings *(09 57 63)*		
09 57 63 00-0002	SF	Polyvinyl Chloride Face High Impact Ceiling Panels	8.07	1.14
		For Ceilings >10' High, Add	*0.14*	
09 57 63 00-0003	EA	High Impact Clips	4.47	0.91
		For Ceilings >10' High, Add	*0.21*	

09 60 Flooring *(09)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

Note: Perform moisture testing as recommended by manufacturer.

09 61 Flooring Treatment *(09 60)*

09 61 13 Slip-Resistant Flooring Treatment *(09 61)*

09 61 13 00-0001 Anti-Slip Tape *(09 61 13)*

Note: Grit sandpaper surface with adhesive back.

09 61 13 00-0002	LF	1" Anti-Slip Tape	3.07	2.27
09 61 13 00-0003	LF	2" Anti-Slip Tape	3.92	2.51
09 61 13 00-0004	LF	3" Anti-Slip Tape	4.75	2.76
09 61 13 00-0005	LF	4" Anti-Slip Tape	5.53	3.03
09 61 13 00-0006	LF	6" Anti-Slip Tape	7.09	3.33
09 61 13 00-0007	LF	12" Anti-Slip Tape	12.49	5.00
09 61 13 00-0008	LF	24" Anti-Slip Tape	17.63	7.50

09 64 Wood Flooring *(09 60)*

09 64 13 Wood Flooring Underlayment *(09 64)*

09 64 13 00-0001 Wood Flooring Underlayment *(09 64 13)*

09 64 13 00-0002	SF	Regular Weight Red Rosin Paper, Wood Flooring Underlayment	0.53	
09 64 13 00-0003	SF	Heavy Weight Red Rosin Paper, Wood Flooring Underlayment	0.55	
09 64 13 00-0004	SF	30 Lb., Waxed Paper, Wood Flooring Underlayment	0.58	
09 64 13 00-0005	SF	15 Lb., Asphalt Saturated Organic Felt, Wood Flooring Underlayment	0.63	
09 64 13 00-0006	SF	6 Mil Thick, Polyethylene Film, Wood Flooring Underlayment	0.58	
09 64 13 00-0007	SF	8 Mil Thick, Polyethylene Film, Wood Flooring Underlayment	0.64	
09 64 13 00-0008	SF	1/8" Thick, Natural Cork, Wood Flooring Underlayment	2.50	0.37
09 64 13 00-0009	SF	1/4" Thick, Natural Cork, Wood Flooring Underlayment	2.61	0.37
09 64 13 00-0010	SF	3/32" Thick, Polyethylene Foam, Wood Flooring Underlayment (Roberts® Unison™ 70-025-15)	0.94	
09 64 13 00-0011	SF	2.0mm Thick, Progressive Foam Technology, Wood Flooring Underlayment (Roberts® Quiet Cushion 70-180)	1.16	
09 64 13 00-0012	SF	4.0mm Thick, Compressed Fiber, Wood Flooring Underlayment (Roberts® Super Felt 70-193)	1.25	
09 64 13 00-0013	SF	2.5mm Thick, Closed Cell Foam, Wood Flooring Underlayment (Roberts® Black Jack™ 70-026)	1.52	
09 64 13 00-0014	SF	1/8" Thick, Moisture Barrier, Sound Reduction And Cushioning, Wood Flooring Underlayment (Roberts® AirGuard™ 70-105)	1.54	0.25

09 64 23 Wood Parquet Flooring *(09 64)*

Note: All wood parquet flooring is prefinished at factory.

09 64 23 00-0001 Hardwood Parquet Flooring *(09 64 23)*

09 64 23 00-0002	SF	5/16" Thick Oak Parquet Flooring	13.44	1.14
		For Up To 20, Add	*5.22*	
		For >20 To 50, Add	*2.77*	
		For >50 To 100, Add	*1.38*	
		For >100 To 300, Add	*0.69*	

09 64 29 Wood Strip and Plank Flooring *(09 64)*

Note: All wood strip flooring is unfinished, tongue and groove.

09 64 29 00-0001 Unfinished Fir, Wood Strip Flooring *(09 64 29)*

09 64 29 00-0002	SF	3-1/8" Plank Width, 3/4" Thick, Plain Sawn, Clear Vertical Grain (C Or Better) Unfinished Fir, Wood Strip Flooring	14.60	1.14
		For Factory Finish, Add	*0.95*	
		For Random Width Floor, Add	*3.39*	
		For Up To 20, Add	*4.49*	
		For >20 To 50, Add	*2.48*	
		For >50 To 100, Add	*1.24*	
		For >100 To 300, Add	*0.62*	

09 64 29 00-0003 Unfinished Oak, Wood Strip Flooring *(09 64 29)*

09 64 29 00-0004 Unfinished White Oak, Wood Strip Flooring *(09 64 29 00-0003)*

09 64 29 00-0005	SF	2-1/4" Plank Width, 3/4" Thick, Plain Sawn, #2 Common Unfinished White Oak, Wood Strip Flooring	11.64	1.14
		For Factory Finish, Add	*0.50*	
		For Random Width Floor, Add	*2.58*	
		For Up To 20, Add	*4.76*	
		For >20 To 50, Add	*2.50*	
		For >50 To 100, Add	*1.25*	
		For >100 To 300, Add	*0.63*	
09 64 29 00-0006	SF	2-1/4" Plank Width, 3/4" Thick, Plain Sawn, #1 Common Unfinished White Oak, Wood Strip Flooring	12.28	1.14
		For Factory Finish, Add	*0.56*	
		For Random Width Floor, Add	*2.74*	
		For Up To 20, Add	*4.85*	
		For >20 To 50, Add	*2.57*	
		For >50 To 100, Add	*1.28*	
		For >100 To 300, Add	*0.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 64 29 00-0007	SF	2-1/4" Plank Width, 3/4" Thick, Plain Sawn, Select Unfinished White Oak, Wood Strip Flooring	13.25	1.14
		For Factory Finish, Add	*0.66*	
		For Random Width Floor, Add	*2.98*	
		For Up To 20, Add	*5.00*	
		For >20 To 50, Add	*2.66*	
		For >50 To 100, Add	*1.33*	
		For >100 To 300, Add	*0.67*	
09 64 29 00-0008	SF	3-1/4" Plank Width, 3/4" Thick, Plain Sawn, #2 Common Unfinished White Oak, Wood Strip Flooring	10.28	1.14
		For Factory Finish, Add	*0.52*	
		For Random Width Floor, Add	*2.31*	
		For Up To 20, Add	*3.85*	
		For >20 To 50, Add	*2.05*	
		For >50 To 100, Add	*1.03*	
		For >100 To 300, Add	*0.51*	
09 64 29 00-0009	SF	3-1/4" Plank Width, 3/4" Thick, Plain Sawn, #1 Common Unfinished White Oak, Wood Strip Flooring	10.80	1.14
		For Factory Finish, Add	*0.57*	
		For Random Width Floor, Add	*2.44*	
		For Up To 20, Add	*3.92*	
		For >20 To 50, Add	*2.10*	
		For >50 To 100, Add	*1.05*	
		For >100 To 300, Add	*0.53*	
09 64 29 00-0010	SF	3-1/4" Plank Width, 3/4" Thick, Plain Sawn, Select Unfinished White Oak, Wood Strip Flooring	11.79	1.14
		For Factory Finish, Add	*0.67*	
		For Random Width Floor, Add	*2.69*	
		For Up To 20, Add	*4.07*	
		For >20 To 50, Add	*2.20*	
		For >50 To 100, Add	*1.10*	
		For >100 To 300, Add	*0.55*	

09 64 29 00-0011 Unfinished Red Oak, Wood Strip Flooring *(09 64 29 00-0003)*

09 64 29 00-0012	SF	2-1/4" Plank Width, 3/4" Thick, Plain Sawn, #2 Common Unfinished Red Oak, Wood Strip Flooring	11.75	1.14
		For Factory Finish, Add	*0.51*	
		For Random Width Floor, Add	*2.60*	
		For Up To 20, Add	*4.77*	
		For >20 To 50, Add	*2.51*	
		For >50 To 100, Add	*1.26*	
		For >100 To 300, Add	*0.63*	
09 64 29 00-0013	SF	2-1/4" Plank Width, 3/4" Thick, Plain Sawn, #1 Common Unfinished Red Oak, Wood Strip Flooring	12.39	1.14
		For Factory Finish, Add	*0.57*	
		For Random Width Floor, Add	*2.76*	
		For Up To 20, Add	*4.87*	
		For >20 To 50, Add	*2.58*	
		For >50 To 100, Add	*1.29*	
		For >100 To 300, Add	*0.64*	
09 64 29 00-0014	SF	2-1/4" Plank Width, 3/4" Thick, Plain Sawn, Select Unfinished Red Oak, Wood Strip Flooring	13.36	1.14
		For Factory Finish, Add	*0.67*	
		For Random Width Floor, Add	*3.01*	
		For Up To 20, Add	*5.01*	
		For >20 To 50, Add	*2.67*	
		For >50 To 100, Add	*1.34*	
		For >100 To 300, Add	*0.67*	
09 64 29 00-0015	SF	3-1/4" Plank Width, 3/4" Thick, Plain Sawn, #2 Common Unfinished Red Oak, Wood Strip Flooring	10.39	1.14
		For Factory Finish, Add	*0.53*	
		For Random Width Floor, Add	*2.34*	
		For Up To 20, Add	*3.86*	
		For >20 To 50, Add	*2.06*	
		For >50 To 100, Add	*1.03*	
		For >100 To 300, Add	*0.52*	
09 64 29 00-0016	SF	3-1/4" Plank Width, 3/4" Thick, Plain Sawn, #1 Common Unfinished Red Oak, Wood Strip Flooring	11.04	1.14
		For Factory Finish, Add	*0.59*	
		For Random Width Floor, Add	*2.50*	
		For Up To 20, Add	*3.96*	
		For >20 To 50, Add	*2.13*	
		For >50 To 100, Add	*1.06*	
		For >100 To 300, Add	*0.53*	
09 64 29 00-0017	SF	3-1/4" Plank Width, 3/4" Thick, Plain Sawn, Select Unfinished Red Oak, Wood Strip Flooring	11.90	1.14
		For Factory Finish, Add	*0.68*	
		For Random Width Floor, Add	*2.72*	
		For Up To 20, Add	*4.09*	
		For >20 To 50, Add	*2.21*	
		For >50 To 100, Add	*1.11*	
		For >100 To 300, Add	*0.55*	

09 64 29 00-0018 Unfinished Maple, Wood Strip Flooring *(09 64 29)*

09 64 29 00-0019 25/32" Thick, Unfinished Maple, Wood Strip Flooring *(09 64 29 00-0018)*

09 64 29 00-0020	SF	2-1/4" Plank Width, 25/32" Thick, Plain Sawn, First Grade (Select Or Better) Unfinished Maple, Wood Strip Flooring	14.11	1.14
		For Factory Finish, Add	*0.74*	
		For Random Width Floor, Add	*3.19*	
		For Up To 20, Add	*5.13*	
		For >20 To 50, Add	*2.75*	
		For >50 To 100, Add	*1.37*	
		For >100 To 300, Add	*0.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 64 29 00-0021	SF	2-1/4" Plank Width, 25/32" Thick, Plain Sawn, Second Grade (#1 Common) Unfinished Maple, Wood Strip Flooring	13.04	1.14
		For Factory Finish, Add	*0.64*	
		For Random Width Floor, Add	*2.93*	
		For Up To 20, Add	*4.97*	
		For >20 To 50, Add	*2.64*	
		For >50 To 100, Add	*1.32*	
		For >100 To 300, Add	*0.66*	
09 64 29 00-0022	SF	3" Plank Width, 25/32" Thick, Plain Sawn, First Grade (Select Or Better) Unfinished Maple, Wood Strip Flooring	12.97	1.14
		For Factory Finish, Add	*0.79*	
		For Random Width Floor, Add	*2.99*	
		For Up To 20, Add	*4.25*	
		For >20 To 50, Add	*2.32*	
		For >50 To 100, Add	*1.16*	
		For >100 To 300, Add	*0.58*	
09 64 29 00-0023	SF	3" Plank Width, 25/32" Thick, Plain Sawn, Second Grade (#1 Common) Unfinished Maple, Wood Strip Flooring	11.90	1.14
		For Factory Finish, Add	*0.68*	
		For Random Width Floor, Add	*2.72*	
		For Up To 20, Add	*4.09*	
		For >20 To 50, Add	*2.21*	
		For >50 To 100, Add	*1.11*	
		For >100 To 300, Add	*0.55*	

09 64 29 00-0024 33/32" Thick, Unfinished Maple, Wood Strip Flooring *(09 64 29 00-0018)*

09 64 29 00-0025	SF	2-1/4" Plank Width, 33/32" Thick, Plain Sawn, First Grade (Select Or Better) Unfinished Maple, Wood Strip Flooring	16.43	1.14
		For Factory Finish, Add	*0.97*	
		For Random Width Floor, Add	*3.77*	
		For Up To 20, Add	*5.48*	
		For >20 To 50, Add	*2.98*	
		For >50 To 100, Add	*1.49*	
		For >100 To 300, Add	*0.75*	
09 64 29 00-0026	SF	2-1/4" Plank Width, 33/32" Thick, Plain Sawn, Second Grade (#1 Common) Unfinished Maple, Wood Strip Flooring	14.99	1.14
		For Factory Finish, Add	*0.83*	
		For Random Width Floor, Add	*3.41*	
		For Up To 20, Add	*5.26*	
		For >20 To 50, Add	*2.84*	
		For >50 To 100, Add	*1.42*	
		For >100 To 300, Add	*0.71*	
09 64 29 00-0027	SF	3" Plank Width, 33/32" Thick, Plain Sawn, First Grade (Select Or Better) Unfinished Maple, Wood Strip Flooring	15.44	1.14
		For Factory Finish, Add	*1.03*	
		For Random Width Floor, Add	*3.60*	
		For Up To 20, Add	*4.62*	
		For >20 To 50, Add	*2.57*	
		For >50 To 100, Add	*1.28*	
		For >100 To 300, Add	*0.64*	
09 64 29 00-0028	SF	3" Plank Width, 33/32" Thick, Plain Sawn, Second Grade (#1 Common) Unfinished Maple, Wood Strip Flooring	14.00	1.14
		For Factory Finish, Add	*0.89*	
		For Random Width Floor, Add	*3.24*	
		For Up To 20, Add	*4.40*	
		For >20 To 50, Add	*2.42*	
		For >50 To 100, Add	*1.21*	
		For >100 To 300, Add	*0.61*	

09 64 29 00-0029 Vented Cove Base *(09 64 29)*

09 64 29 00-0030	LF	Vented Cove Base	16.17	

09 64 29 00-0031 Prefinished Engineered Wood Flooring *(09 64 29)*

Note: Glued or nailed. Excludes underlayment. See CSI section 09 64 13 00-0001 for wood flooring underlayment.

09 64 29 00-0032	SF	1/2" Thick, Red Oak, Prefinished Engineered Wood Flooring	15.73	1.14
		For Up To 20, Add	*4.37*	
		For >20 To 50, Add	*2.47*	
		For >50 To 100, Add	*1.23*	
		For >100 To 300, Add	*0.62*	
09 64 29 00-0033	SF	1/2" Thick, White Oak, Prefinished Engineered Wood Flooring	15.73	1.14
		For Up To 20, Add	*4.37*	
		For >20 To 50, Add	*2.47*	
		For >50 To 100, Add	*1.23*	
		For >100 To 300, Add	*0.62*	
09 64 29 00-0034	SF	1/2" Thick, Select Maple, Prefinished Engineered Wood Flooring	15.73	1.14
		For Up To 20, Add	*4.37*	
		For >20 To 50, Add	*2.47*	
		For >50 To 100, Add	*1.23*	
		For >100 To 300, Add	*0.62*	
09 64 29 00-0035	SF	1/2" Thick, Natural Hickory, Prefinished Engineered Wood Flooring	16.12	1.14
		For Up To 20, Add	*4.43*	
		For >20 To 50, Add	*2.51*	
		For >50 To 100, Add	*1.25*	
		For >100 To 300, Add	*0.63*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 64 66			**Wood Athletic Flooring** *(09 64)*		
			Note: 1-1/2" or 2-1/4" widths. Excludes finish.		
09 64 66 00-0001			Wood Gym/Stage/Dance Floors Applied On Existing Subfloor *(09 64 66)*		
			Note: Includes sanding. Excludes concrete repairs to subbase, subflooring, thresholds, and finishing.		
09 64 66 00-0002		SF	25/32" Maple Wood Gym/Stage/Dance Floor	14.16	5.70
			For Oak Or Birch, Deduct	*-0.20*	
			For Pine, Deduct	*-0.30*	
			For #1 Grade Material, Add	*0.50*	
09 64 66 00-0003		SF	33/32" Maple Wood Gym/Stage/Dance Floor	16.57	5.92
			For Oak Or Birch, Deduct	*-0.20*	
			For Pine, Deduct	*-0.30*	
			For #1 Grade Material, Add	*0.50*	
09 64 66 00-0004			Wood Gym/Stage/Dance Floor Systems *(09 64 66)*		
			Note: Includes sanding. Excludes concrete repairs to subbase, thresholds, and finishing.		
09 64 66 00-0005		SF	Floating 25/32" Maple Wood Gym/Stage/Dance Floor System, Two Layers Of Plywood Panel Subfloor With Resilient Pads (Connor DuraCushion)	18.72	7.40
			Note: Includes 6 mil polyethylene vapor barrier, two layers of 15/32" plywood subfloor and 3/8" resilient pads.		
			For Oak Or Birch, Deduct	*-0.20*	
			For Pine, Deduct	*-0.30*	
			For #1 Grade Material, Add	*0.50*	
09 64 66 00-0006		SF	Floating 25/32" Maple Wood Gym/Stage/Dance Floor System, Two Layers Of Plywood Panel Subfloor With Two Stage Resilient Pads (Connor NeoShok)	19.63	7.40
			Note: Includes 6 mil polyethylene vapor barrier, two layers of 15/32" plywood subfloor and 3/4" hemispherical two stage polyurethane resilient pads.		
			For Oak Or Birch, Deduct	*-0.20*	
			For Pine, Deduct	*-0.30*	
			For #1 Grade Material, Add	*0.50*	
09 64 66 00-0007		SF	Floating 25/32" Maple Wood Gym/Stage/Dance Floor System, One Layer Of Plywood Subfloor With Continuous Steel Channel Encased Sleepers And Resilient Pads (Connor PermaFlex)	21.41	7.40
			Note: Includes 6 mil polyethylene vapor barrier, one layer of 15/32" plywood subfloor, a continuous steel channel encasing a 23/32" fixed sleeper, a 7/16" resilient pad and a 23/32" flex sleeper.		
			For Oak Or Birch, Deduct	*-0.20*	
			For Pine, Deduct	*-0.30*	
			For #1 Grade Material, Add	*0.50*	
09 64 66 00-0008		SF	Fixed Resilient 25/32" Maple Wood Gym/Stage/Dance Floor System, One Layer Of Plywood Panel Subfloor With Resilient Pads (Connor Focus)	20.57	7.40
			Note: Includes 6 mil polyethylene vapor barrier, one layer of 3/4" subfloor, 9/16" resilient pads and concrete anchors and clips.		
			For Oak Or Birch, Deduct	*-0.20*	
			For Pine, Deduct	*-0.30*	
			For #1 Grade Material, Add	*0.50*	
09 64 66 00-0009		SF	Clip And Channel, Fixed 33/32" Maple Wood Gym/Stage/Dance Floor System (Connor PermaLock)	23.67	7.40
			Note: Includes 6 mil polyethylene vapor barrier, one layer of 1/2" impregnated fiberboard with channel grooves for 16 gauge steel anchor channel.		
			For Oak Or Birch, Deduct	*-0.20*	
			For Pine, Deduct	*-0.30*	
			For #1 Grade Material, Add	*0.50*	
09 65			**Resilient Flooring** *(09 60)*		
			See CSI section 03 54 16 00-0001 for self-leveling underlayment for uneven floors.		
09 65 13			**Resilient Base and Accessories** *(09 65)*		
09 65 13 13			**Resilient Base** *(09 65 13)*		
09 65 13 13-0001			Type TV Thermoplastic Vinyl Wall Base *(09 65 13 13)*		
			Note: Includes inside and outside corners.		
09 65 13 13-0002		LF	2-1/2" High, 1/8" Thick, Type TV Thermoplastic Vinyl Wall Base, All Colors	4.44	1.18
			For Up To 20, Add	*1.60*	
			For >20 To 40, Add	*0.91*	
			For >40 To 80, Add	*0.34*	
			For >240 To 960, Deduct	*-0.33*	
			For >960, Deduct	*-0.49*	
09 65 13 13-0003		LF	3" High, 1/8" Thick, Type TV Thermoplastic Vinyl Wall Base, All Colors	4.86	1.18
			For Up To 20, Add	*1.67*	
			For >20 To 40, Add	*0.95*	
			For >40 To 80, Add	*0.36*	
			For >240 To 960, Deduct	*-0.37*	
			For >960, Deduct	*-0.55*	
09 65 13 13-0004		LF	4" High, 1/8" Thick, Type TV Thermoplastic Vinyl Wall Base, All Colors	5.23	1.18
			For Up To 20, Add	*1.72*	
			For >20 To 40, Add	*0.99*	
			For >40 To 80, Add	*0.38*	
			For >240 To 960, Deduct	*-0.41*	
			For >960, Deduct	*-0.61*	
09 65 13 13-0005		LF	4-1/2" High, 1/8" Thick, Type TV Thermoplastic Vinyl Wall Base, All Colors	5.60	1.18
			For Up To 20, Add	*1.78*	
			For >20 To 40, Add	*1.03*	
			For >40 To 80, Add	*0.40*	
			For >240 To 960, Deduct	*-0.44*	
			For >960, Deduct	*-0.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 13 13-0006	LF	6" High, 1/8" Thick, Type TV Thermoplastic Vinyl Wall Base, All Colors	6.94	1.18
		For Up To 20, Add	*1.98*	
		For >20 To 40, Add	*1.16*	
		For >40 To 80, Add	*0.46*	
		For >240 To 960, Deduct	*-0.58*	
		For >960, Deduct	*-0.87*	

09 65 13 13-0007 Type TP Thermoplastic Rubber Wall Base *(09 65 13 13)*

Note: Includes inside and outside corners.

09 65 13 13-0008	LF	2-1/2" High, 1/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors	4.95	1.18
		For Up To 20, Add	*1.68*	
		For >20 To 40, Add	*0.96*	
		For >40 To 80, Add	*0.36*	
		For >240 To 960, Deduct	*-0.38*	
		For >960, Deduct	*-0.57*	
09 65 13 13-0009	LF	3" High, 1/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors	5.47	1.18
		For Up To 20, Add	*1.76*	
		For >20 To 40, Add	*1.02*	
		For >40 To 80, Add	*0.39*	
		For >240 To 960, Deduct	*-0.43*	
		For >960, Deduct	*-0.65*	
09 65 13 13-0010	LF	4" High, 1/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors	5.55	1.18
		For Up To 20, Add	*1.77*	
		For >20 To 40, Add	*1.02*	
		For >40 To 80, Add	*0.39*	
		For >240 To 960, Deduct	*-0.44*	
		For >960, Deduct	*-0.66*	
09 65 13 13-0011	LF	4-1/2" High, 1/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors	5.95	1.18
		For Up To 20, Add	*1.83*	
		For >20 To 40, Add	*1.06*	
		For >40 To 80, Add	*0.41*	
		For >240 To 960, Deduct	*-0.48*	
		For >960, Deduct	*-0.72*	
09 65 13 13-0012	LF	6" High, 1/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors	7.19	1.18
		For Up To 20, Add	*2.01*	
		For >20 To 40, Add	*1.19*	
		For >40 To 80, Add	*0.48*	
		For >240 To 960, Deduct	*-0.60*	
		For >960, Deduct	*-0.90*	
09 65 13 13-0013	LF	2-1/2" High, 3/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors	9.52	1.18
		For Up To 20, Add	*2.36*	
		For >20 To 40, Add	*1.42*	
		For >40 To 80, Add	*0.59*	
		For >240 To 960, Deduct	*-0.84*	
		For >960, Deduct	*-1.25*	
09 65 13 13-0014	LF	3" High, 3/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors	10.02	1.18
		For Up To 20, Add	*2.44*	
		For >20 To 40, Add	*1.47*	
		For >40 To 80, Add	*0.62*	
		For >240 To 960, Deduct	*-0.89*	
		For >960, Deduct	*-1.33*	
09 65 13 13-0015	LF	4" High, 3/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors	11.58	1.18
		For Up To 20, Add	*2.67*	
		For >20 To 40, Add	*1.63*	
		For >40 To 80, Add	*0.70*	
		For >240 To 960, Deduct	*-1.04*	
		For >960, Deduct	*-1.56*	
09 65 13 13-0016	LF	4-1/2" High, 3/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors	12.62	1.18
		For Up To 20, Add	*2.83*	
		For >20 To 40, Add	*1.73*	
		For >40 To 80, Add	*0.75*	
		For >240 To 960, Deduct	*-1.15*	
		For >960, Deduct	*-1.72*	
09 65 13 13-0017	LF	6" High, 3/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors	17.77	1.18
		For Up To 20, Add	*3.60*	
		For >20 To 40, Add	*2.25*	
		For >40 To 80, Add	*1.01*	
		For >240 To 960, Deduct	*-1.66*	
		For >960, Deduct	*-2.49*	

09 65 13 13-0018 Type TS Thermoset Vulcanized Rubber Wall Base *(09 65 13 13)*

Note: Includes inside and outside corners.

09 65 13 13-0019	LF	2-1/2" High, 1/8" Thick, Type TS Thermoset Vulcanized Rubber Wall Base, All Colors	5.61	1.41
		For Up To 20, Add	*1.78*	
		For >20 To 40, Add	*1.03*	
		For >40 To 80, Add	*0.40*	
		For >240 To 960, Deduct	*-0.44*	
		For >960, Deduct	*-0.67*	
09 65 13 13-0020	LF	3" High, 1/8" Thick, Type TS Thermoset Vulcanized Rubber Wall Base, All Colors	6.26	1.41
		For Up To 20, Add	*1.88*	
		For >20 To 40, Add	*1.09*	
		For >40 To 80, Add	*0.43*	
		For >240 To 960, Deduct	*-0.51*	
		For >960, Deduct	*-0.76*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 13 13-0021		LF	4" High, 1/8" Thick, Type TS Thermoset Vulcanized Rubber Wall Base, All Colors	5.63	1.18
			For Up To 20, Add	*1.78*	
			For >20 To 40, Add	*1.03*	
			For >40 To 80, Add	*0.40*	
			For >240 To 960, Deduct	*-0.45*	
			For >960, Deduct	*-0.67*	
09 65 13 13-0022		LF	4-1/2" High, 1/8" Thick, Type TS Thermoset Vulcanized Rubber Wall Base, All Colors	6.04	1.18
			For Up To 20, Add	*1.84*	
			For >20 To 40, Add	*1.07*	
			For >40 To 80, Add	*0.42*	
			For >240 To 960, Deduct	*-0.49*	
			For >960, Deduct	*-0.73*	
09 65 13 13-0023		LF	6" High, 1/8" Thick, Type TS Thermoset Vulcanized Rubber Wall Base, All Colors	8.51	1.41
			For Up To 20, Add	*2.40*	
			For >20 To 40, Add	*1.42*	
			For >40 To 80, Add	*0.57*	
			For >240 To 960, Deduct	*-0.71*	
			For >960, Deduct	*-1.07*	

09 65 13 13-0024 Thermoset Rubber Wall Base (Type TS) *(09 65 13 13)*

Note: Includes inside and outside premolded corners.

09 65 13 13-0025		LF	4" High, 1/8" Thermoset Rubber Base, Group I (Solid Colors)	4.50	1.18
09 65 13 13-0026		LF	6" High, 1/8" Thermoset Rubber Base, Group I (Solid Colors)	6.09	1.41

09 65 13 13-0027 Thermoplastic Rubber Wall Base (Type TP) *(09 65 13 13)*

Note: Includes inside and outside premolded corners.

09 65 13 13-0028		LF	4" High, 1/8" Thermoplastic Rubber Base, Group I (Solid Colors)	4.29	1.18

09 65 13 13-0029 Thermoplastic Vinyl Wall Base (Type TV) *(09 65 13 13)*

Note: Includes inside and outside premolded corners.

09 65 13 13-0030		LF	4" High, 0.080" Thermoplastic Rubber Base, Group I (Solid Colors)	3.39	1.18
09 65 13 13-0031		LF	4" High, 1/8" Thermoplastic Rubber Base, Group I (Solid Colors)	3.56	1.18

09 65 13 23 Resilient Stair Treads and Risers *(09 65 13)*

Note: All treads have integral nosing. Abrasive strip modifier includes either 1 or 2 strips running the length of the tread. All colors.

09 65 13 23-0001 Rubber Stair Treads and Risers *(09 65 13 23)*

09 65 13 23-0002 Raised Disc Or Other Patterned Rubber Stair Tread *(09 65 13 23-0001)*

09 65 13 23-0003		LF	3/16" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread Note: Raised disc or other pattern.	16.03	1.88
			For Abrasive Strip, Add	*2.75*	
			For Photo Luminescent Abrasive Strip, Add	*3.75*	
09 65 13 23-0004		LF	1/4" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread Note: Raised disc or other pattern.	17.21	2.02
			For Abrasive Strip, Add	*2.75*	
			For Photo Luminescent Abrasive Strip, Add	*3.75*	
09 65 13 23-0005		LF	5/16" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread Note: Raised disc or other pattern.	20.89	2.16
			For Abrasive Strip, Add	*2.75*	
			For Photo Luminescent Abrasive Strip, Add	*3.75*	

09 65 13 23-0006 Smooth Surface Rubber Stair Tread *(09 65 13 23-0001)*

09 65 13 23-0007		LF	3/16" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread Note: Smooth surface.	15.10	1.88
			For Abrasive Strip, Add	*2.75*	
			For Photo Luminescent Abrasive Strip, Add	*3.75*	
09 65 13 23-0008		LF	1/4" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread Note: Smooth surface.	15.85	2.02
			For Abrasive Strip, Add	*2.75*	
			For Photo Luminescent Abrasive Strip, Add	*3.75*	
09 65 13 23-0009		LF	5/16" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread Note: Smooth surface.	19.52	2.17
			For Abrasive Strip, Add	*2.75*	
			For Photo Luminescent Abrasive Strip, Add	*3.75*	

09 65 13 23-0010 Smooth Surface Rubber Stair Riser *(09 65 13 23-0001)*

09 65 13 23-0011		LF	1/8" Thick, Smooth Surface Rubber Stair Riser	8.81	1.13

09 65 13 23-0012 Smooth, Raised Disc or Other Patterned Rubber Landing Mats *(09 65 13 23-0001)*

09 65 13 23-0013		SF	1/8" Thick, Rubber Landing Mats Note: Smooth, raised disc or other patterned surface.	26.99	1.74
09 65 13 23-0014		SF	3/16" Thick, Rubber Landing Mats Note: Smooth, raised disc or other patterned surface.	32.39	1.88
09 65 13 23-0015		SF	7/32" Thick, Rubber Landing Mats Note: Smooth, raised disc or other patterned surface.	35.05	2.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 13 23-0016		Vinyl Stair Treads and Risers *(09 65 13 23)*		
09 65 13 23-0017		Ribbed Vinyl Stair Tread *(09 65 13 23-0016)*		
09 65 13 23-0018	LF	1/8" Thick, 9" To 12-1/2" Deep, Ribbed Vinyl Stair Tread	18.09	1.71
		For Abrasive Strip, Add	*2.75*	
09 65 13 23-0019	LF	3/16" Thick, 9" To 12-1/2" Deep, Ribbed Vinyl Stair Tread	20.01	1.88
		For Abrasive Strip, Add	*2.75*	
09 65 13 23-0020	LF	1/4" Thick, 9" To 12-1/2" Deep, Ribbed Vinyl Stair Tread	24.21	2.03
		For Abrasive Strip, Add	*2.75*	
09 65 13 23-0021		Smooth Surface Vinyl Stair Riser *(09 65 13 23-0016)*		
09 65 13 23-0022	LF	1/8" Thick, 7" High, Smooth Surface Vinyl Stair Riser	9.96	1.13
09 65 13 33		**Resilient Accessories** *(09 65 13)*		
09 65 13 33-0001		Flexible Self Leveling Cementitious Underlayments *(09 65 13 33)*		
09 65 13 33-0002	SF	1/8" Thick, Flexible Self Leveling Cementitious Underlayment With Liquid Latex Modifiers	1.79	0.94
09 65 13 33-0003	SF	1/4" Thick, Flexible Self Leveling Cementitious Underlayment With Liquid Latex Modifiers	2.79	0.94
09 65 13 33-0004		Concrete Floor Prep *(09 65 13 33)*		
09 65 13 33-0005	SF	Removal Of Glue From Concrete Floor Note: For removal of glue from VCT or carpet placement. Not to be used in conjunction with demolition tasks associated with floor tile installation.	1.18	
09 65 13 36		**Resilient Carpet Transitions** *(09 65 13)*		
09 65 13 36-0001		Vinyl Transition Strip *(09 65 13 36)*		
09 65 13 36-0002	LF	Vinyl Transition Strip, Brown Or Black	2.60	0.85
		For >240 To 960, Deduct	*-0.20*	
		For >960, Deduct	*-0.30*	
09 65 13 36-0003	LF	Vinyl Floor Tile Reducer Strip, Brown Or Black	2.30	0.85
		For >240 To 960, Deduct	*-0.17*	
		For >960, Deduct	*-0.26*	
09 65 13 36-0004	LF	Vinyl Floor Tile Feature Strip, Brown Or Black	1.94	0.85
		For >240 To 960, Deduct	*-0.14*	
		For >960, Deduct	*-0.20*	
09 65 13 36-0005	LF	1/4" To 1/8" Material, Narrow, Vinyl, Slim Line Transition (Johnsonite SLT-XX-A)	3.13	1.18
		For Up To 20, Add	*1.22*	
		For >20 To 40, Add	*0.69*	
		For >40 To 80, Add	*0.25*	
		For >240 To 960, Deduct	*-0.22*	
		For >960, Deduct	*-0.33*	
09 65 13 36-0006		Vinyl, Wheeled Traffic Transitions *(09 65 13 36)*		
09 65 13 36-0007	LF	1/4" To 1/8" Material x 1-3/4", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-A)	3.94	1.18
		For Up To 20, Add	*1.34*	
		For >20 To 40, Add	*0.77*	
		For >40 To 80, Add	*0.29*	
		For >240 To 960, Deduct	*-0.30*	
		For >960, Deduct	*-0.45*	
09 65 13 36-0008	LF	1/4" To 1/8" Material x 1", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-C)	3.94	1.18
		For Up To 20, Add	*1.34*	
		For >20 To 40, Add	*0.77*	
		For >40 To 80, Add	*0.29*	
		For >240 To 960, Deduct	*-0.30*	
		For >960, Deduct	*-0.45*	
09 65 13 36-0009	LF	5/16" To 1/16" Or 1/8" Material x 1-5/8", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-D)	4.86	1.18
		For Up To 20, Add	*1.48*	
		For >20 To 40, Add	*0.86*	
		For >40 To 80, Add	*0.34*	
		For >240 To 960, Deduct	*-0.39*	
		For >960, Deduct	*-0.59*	
09 65 13 36-0010	LF	1/4" To 1/8" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-H)	8.11	1.18
		For Up To 20, Add	*1.97*	
		For >20 To 40, Add	*1.19*	
		For >40 To 80, Add	*0.50*	
		For >240 To 960, Deduct	*-0.72*	
		For >960, Deduct	*-1.08*	
09 65 13 36-0011	LF	1/4" To 1/8" Material x 4", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-HL)	8.13	1.18
		For Up To 20, Add	*1.97*	
		For >20 To 40, Add	*1.19*	
		For >40 To 80, Add	*0.50*	
		For >240 To 960, Deduct	*-0.72*	
		For >960, Deduct	*-1.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 13 36-0012	LF	1/4" To 0.08" Or 2 mm Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-HT)	5.34	1.18
		For Up To 20, Add	*1.55*	
		For >20 To 40, Add	*0.91*	
		For >40 To 80, Add	*0.36*	
		For >240 To 960, Deduct	*-0.44*	
		For >960, Deduct	*-0.66*	
09 65 13 36-0013	LF	1/4" Material To Floor x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-J)	7.90	1.18
		For Up To 20, Add	*1.94*	
		For >20 To 40, Add	*1.17*	
		For >40 To 80, Add	*0.49*	
		For >240 To 960, Deduct	*-0.70*	
		For >960, Deduct	*-1.04*	
09 65 13 36-0014	LF	1/4" Material To Floor x 4", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-JL)	8.19	1.18
		For Up To 20, Add	*1.98*	
		For >20 To 40, Add	*1.20*	
		For >40 To 80, Add	*0.50*	
		For >240 To 960, Deduct	*-0.73*	
		For >960, Deduct	*-1.09*	
09 65 13 36-0015	LF	3/8" To 1/8" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-K)	6.88	1.18
		For Up To 20, Add	*1.78*	
		For >20 To 40, Add	*1.06*	
		For >40 To 80, Add	*0.44*	
		For >240 To 960, Deduct	*-0.59*	
		For >960, Deduct	*-0.89*	
09 65 13 36-0016	LF	3/8" To 1/4" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-L)	7.52	1.18
		For Up To 20, Add	*1.88*	
		For >20 To 40, Add	*1.13*	
		For >40 To 80, Add	*0.47*	
		For >240 To 960, Deduct	*-0.66*	
		For >960, Deduct	*-0.99*	
09 65 13 36-0017	LF	1/4" To 1/4" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-M)	8.19	1.18
		For Up To 20, Add	*1.98*	
		For >20 To 40, Add	*1.20*	
		For >40 To 80, Add	*0.50*	
		For >240 To 960, Deduct	*-0.73*	
		For >960, Deduct	*-1.09*	
09 65 13 36-0018	LF	1/8" To 1/8" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-N)	6.75	1.18
		For Up To 20, Add	*1.76*	
		For >20 To 40, Add	*1.05*	
		For >40 To 80, Add	*0.43*	
		For >240 To 960, Deduct	*-0.58*	
		For >960, Deduct	*-0.87*	
09 65 13 36-0019	LF	3/8" Material To Floor x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-P)	5.69	1.18
		For Up To 20, Add	*1.61*	
		For >20 To 40, Add	*0.95*	
		For >40 To 80, Add	*0.38*	
		For >240 To 960, Deduct	*-0.48*	
		For >960, Deduct	*-0.71*	
09 65 13 36-0020	LF	3/8" Material To Floor x 4", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-PL)	8.42	1.18
		For Up To 20, Add	*2.02*	
		For >20 To 40, Add	*1.22*	
		For >40 To 80, Add	*0.52*	
		For >240 To 960, Deduct	*-0.75*	
		For >960, Deduct	*-1.12*	
09 65 13 36-0021	LF	1/2" Material To Floor x 4", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-Q)	10.88	1.18
		For Up To 20, Add	*2.38*	
		For >20 To 40, Add	*1.46*	
		For >40 To 80, Add	*0.64*	
		For >240 To 960, Deduct	*-0.99*	
		For >960, Deduct	*-1.49*	
09 65 13 36-0022	LF	0.08" To 1/8" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-X)	5.52	1.18
		For Up To 20, Add	*1.58*	
		For >20 To 40, Add	*0.93*	
		For >40 To 80, Add	*0.37*	
		For >240 To 960, Deduct	*-0.46*	
		For >960, Deduct	*-0.69*	
09 65 13 36-0023	LF	0.08" To 0.08" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-Y)	5.61	1.18
		For Up To 20, Add	*1.59*	
		For >20 To 40, Add	*0.94*	
		For >40 To 80, Add	*0.37*	
		For >240 To 960, Deduct	*-0.47*	
		For >960, Deduct	*-0.70*	
09 65 13 36-0024	LF	0.08" To 3/8" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-Z)	6.38	1.18
		For Up To 20, Add	*1.71*	
		For >20 To 40, Add	*1.01*	
		For >40 To 80, Add	*0.41*	
		For >240 To 960, Deduct	*-0.54*	
		For >960, Deduct	*-0.82*	

09 65 16 Resilient Sheet Flooring *(09 65)*

Note: Includes mastic and cleaning floor after installation is complete.

09 65 16 23 Vinyl Sheet Flooring *(09 65 16)*

09 65 16 23-0001 Vinyl Sheet Flooring *(09 65 16 23)*

Note: For flash cove application, add additional square foot of material to form cove base.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 16 23-0002	SF	0.080" Overall Thickness, 0.080" Wear Layer, Homogeneous, Commercial Vinyl Sheet Flooring	11.43	0.70
		For >40 To 100, Add	*2.08*	
		For >1,000, Deduct	*-1.00*	
		For Up To 40, Add	*4.16*	
09 65 16 23-0003	SF	0.080" Overall Thickness, 0.060" Wear Layer, Homogeneous, Commercial Vinyl Sheet Flooring	9.29	0.70
		For >40 To 100, Add	*1.87*	
		For >1,000, Deduct	*-0.79*	
		For Up To 40, Add	*3.73*	
09 65 16 23-0004	SF	0.080" Overall Thickness, 0.050" Wear Layer, Inlaid With Polyglass Backing, Commercial Vinyl Sheet Flooring	5.97	0.70
		For >40 To 100, Add	*1.53*	
		For >1,000, Deduct	*-0.45*	
		For Up To 40, Add	*3.07*	
09 65 16 23-0005	SF	0.080" Overall Thickness, 0.040" Wear Layer, Inlaid With Polyglass Backing, Commercial Vinyl Sheet Flooring	7.82	0.70
		For >40 To 100, Add	*1.72*	
		For >1,000, Deduct	*-0.64*	
		For Up To 40, Add	*3.44*	
09 65 16 23-0006	SF	0.080" Overall Thickness, 0.060" Wear Layer, Inlaid With Felt Backing, Commercial Vinyl Sheet Flooring	10.57	0.70
		For >40 To 100, Add	*1.99*	
		For >1,000, Deduct	*-0.91*	
		For Up To 40, Add	*3.99*	
09 65 16 23-0007	SF	0.080" Overall Thickness, 0.020" Wear Layer, Slip Retardant Surface, Commercial Vinyl Sheet Flooring	14.70	0.70
		For >40 To 100, Add	*2.41*	
		For >1,000, Deduct	*-1.33*	
		For Up To 40, Add	*4.81*	

09 65 16 23-0008 Heat Welding Vinyl Sheet Flooring Seams *(09 65 16 23)*

Note: For areas requiring seamless installations and superior infection control. Includes routing or hand grooving seams, installing welding rod with heat welding gun, trimming the weld rod flush with the floor surface and applying a protective finish to seam.

09 65 16 23-0009	LF	Heat Weld Non-Patterned Vinyl Sheet Flooring Seams	6.70
09 65 16 23-0010	LF	Heat Weld Patterned Vinyl Sheet Flooring Seams	7.15

09 65 16 23-0011 Forming Vinyl Sheet Flooring Inside/Outside Cove Corners *(09 65 16 23)*

Note: Excludes heat welding.

09 65 16 23-0012	EA	Forming Vinyl Sheet Flooring Inside/Outside Cove Corners	15.66

09 65 16 23-0013 Vinyl Sheet Flooring Accessories *(09 65 16 23)*

09 65 16 23-0014	LF	1/2" Radius Vinyl Cove Filler Strip	4.33
09 65 16 23-0015	LF	1-1/4" Radius Vinyl Cove Filler Strip	3.86
09 65 16 23-0016	LF	1-1/2" Radius Vinyl Cove Filler Strip	6.00
09 65 16 23-0017	LF	1/8" Aluminum Cove Cap	2.94

09 65 19 Resilient Tile Flooring *(09 65)*

Note: Includes mastic and cleaning floor after installation is complete. Demolition includes removal of the tile and adhesive and cleaning of the surface for a new floor.

09 65 19 19 Vinyl Composition Tile Flooring *(09 65 19)*

09 65 19 19-0001 Vinyl Composition Tile (VCT) *(09 65 19 19)*

Note: The following vinyl composition tiles are certified to ASTM F 1066 Class 1 solid color tile, Class 2 through pattern tile or Class 3 surface pattern tile as listed in the task description.

09 65 19 19-0002	SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Standard Excelon Imperial Texture®)	4.20	1.41
		For Extra Stock, Material Only, Deduct	*-1.65*	
		For >1,000 To 3,000, Deduct	*-0.09*	
		For >3,000 To 6,000, Deduct	*-0.23*	
		For >6,000, Deduct	*-0.41*	
		For 3/32" Thick, Deduct	*-0.25*	
09 65 19 19-0003	SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Standard Excelon MultiColor™)	4.04	1.41
		For Extra Stock, Material Only, Deduct	*-1.65*	
		For >1,000 To 3,000, Deduct	*-0.09*	
		For >3,000 To 6,000, Deduct	*-0.22*	
		For >6,000, Deduct	*-0.40*	
09 65 19 19-0004	SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Standard Excelon Rave®)	4.04	1.41
		For Extra Stock, Material Only, Deduct	*-1.65*	
		For >1,000 To 3,000, Deduct	*-0.09*	
		For >3,000 To 6,000, Deduct	*-0.22*	
		For >6,000, Deduct	*-0.40*	
09 65 19 19-0005	SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® ChromaSpin™)	6.25	1.41
		For Extra Stock, Material Only, Deduct	*-1.65*	
		For >1,000 To 3,000, Deduct	*-0.13*	
		For >3,000 To 6,000, Deduct	*-0.31*	
		For >6,000, Deduct	*-0.53*	
09 65 19 19-0006	SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Excelon Companion Square®)	6.27	1.41
		For Extra Stock, Material Only, Deduct	*-1.65*	
		For >1,000 To 3,000, Deduct	*-0.13*	
		For >3,000 To 6,000, Deduct	*-0.31*	
		For >6,000, Deduct	*-0.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 19 19-0007	SF	1/8" Thick, Class 3 Surface Pattern, Vinyl Composition Tile (VCT) (Armstrong® Arteffects®)	6.69	1.41
		For Extra Stock, Material Only, Deduct	*-1.65*	
		For >1,000 To 3,000, Deduct	*-0.14*	
		For >3,000 To 6,000, Deduct	*-0.33*	
		For >6,000, Deduct	*-0.56*	
09 65 19 19-0008	SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Excelon Stonetex®)	6.76	1.41
		For Extra Stock, Material Only, Deduct	*-1.65*	
		For >1,000 To 3,000, Deduct	*-0.14*	
		For >3,000 To 6,000, Deduct	*-0.33*	
		For >6,000, Deduct	*-0.56*	
09 65 19 19-0009	SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Raffia™)	7.02	1.41
		For Extra Stock, Material Only, Deduct	*-1.65*	
		For >1,000 To 3,000, Deduct	*-0.15*	
		For >3,000 To 6,000, Deduct	*-0.34*	
		For >6,000, Deduct	*-0.58*	
09 65 19 19-0010	SF	1/8" Thick, Slip Retardant, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Safety Zone™)	9.43	1.41
		For Extra Stock, Material Only, Deduct	*-1.65*	
		For >1,000 To 3,000, Deduct	*-0.20*	
		For >3,000 To 6,000, Deduct	*-0.44*	
		For >6,000, Deduct	*-0.72*	
09 65 19 19-0011	SF	1/8" Thick, Class 1 Solid Color, Vinyl Composition Tile (VCT) (Armstrong® Excelon Feature™)	10.38	1.41
		For Extra Stock, Material Only, Deduct	*-1.65*	
		For >1,000 To 3,000, Deduct	*-0.22*	
		For >3,000 To 6,000, Deduct	*-0.48*	
		For >6,000, Deduct	*-0.78*	

09 65 19 19-0012 Static Dissipative Vinyl Composition Tile (VCT) *(09 65 19 19)*

Note: The following vinyl composition tiles are certified to ASTM F 1066 Class 2 through pattern tile as listed in the task description.

09 65 19 19-0013	SF	1/8" Thick, Static Dissipative, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® SDT™)	18.91	1.41
		For Extra Stock, Material Only, Deduct	*-2.79*	
		For >1,000 To 3,000, Deduct	*-0.39*	
		For >3,000 To 6,000, Deduct	*-0.86*	
		For >6,000, Deduct	*-1.40*	
09 65 19 19-0014	SF	1/8" Thick, Static Dissipative, Solid Vinyl Composition Tile (VCT) (Staticworx, Ameriworx® ESD)	14.46	1.41
		For Extra Stock, Material Only, Deduct	*-2.79*	
		For >1,000 To 3,000, Deduct	*-0.30*	
		For >3,000 To 6,000, Deduct	*-0.68*	
		For >6,000, Deduct	*-1.13*	
		For Up To 20, Add	*3.35*	
		For >20 To 40, Add	*2.03*	
		For >40 To 80, Add	*0.87*	

09 65 19 23 Vinyl Tile Flooring *(09 65 19)*

09 65 19 23-0001 Vinyl Tile *(09 65 19 23)*

Note: Any size.

09 65 19 23-0002 Solid Vinyl Tile (SVT) *(09 65 19 23-0001)*

Note: The following solid vinyl tiles are certified to ASTM F 1700.

09 65 19 23-0003	SF	1/8" Thick, Class 1 Type A, Homogeneous, Standard Colors, Solid Vinyl Tile (SVT)	5.75	1.41
		For >1,000 To 3,000, Deduct	*-0.13*	
		For >3,000 To 6,000, Deduct	*-0.31*	
		For >6,000, Deduct	*-0.56*	
		For Up To 20, Add	*1.82*	
		For >20 To 40, Add	*1.06*	
		For >40 To 80, Add	*0.41*	
09 65 19 23-0004	SF	1/8" Thick, Class 1 Type A, Homogeneous, Marbleized Or Travertine Pattern, Solid Vinyl Tile (SVT)	6.03	1.41
		For >1,000 To 3,000, Deduct	*-0.13*	
		For >3,000 To 6,000, Deduct	*-0.33*	
		For >6,000, Deduct	*-0.58*	
		For Up To 20, Add	*1.86*	
		For >20 To 40, Add	*1.08*	
		For >40 To 80, Add	*0.42*	
09 65 19 23-0005	SF	1/8" Thick, Class 1 Type B, Homogeneous, Slip Retardant, Solid Vinyl Tile (SVT)	6.12	1.41
		For >1,000 To 3,000, Deduct	*-0.13*	
		For >3,000 To 6,000, Deduct	*-0.33*	
		For >6,000, Deduct	*-0.58*	
		For Up To 20, Add	*1.88*	
		For >20 To 40, Add	*1.09*	
		For >40 To 80, Add	*0.43*	

09 65 19 23-0006 Luxury Vinyl Tile (LVT) *(09 65 19 23-0001)*

09 65 19 23-0007	SF	2.5mm Thick, 40 Mil Wear Layer, Glue-down, Luxury Vinyl Tile (LVT) (Mannington Amtico)	9.63	1.41
		For >1,000 To 3,000, Deduct	*-0.20*	
		For >3,000 To 6,000, Deduct	*-0.47*	
		For >6,000, Deduct	*-0.79*	
		For Up To 20, Add	*2.40*	
		For >20 To 40, Add	*1.44*	
		For >40 To 80, Add	*0.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 19 23-0008	SF	3mm Thick, 20 Mil Wear Layer, Glue-down, Luxury Vinyl Tile (LVT) (Shaw Crete)	5.78	1.89
		For >1,000 To 3,000, Deduct	*-0.13*	
		For >3,000 To 6,000, Deduct	*-0.32*	
		For >6,000, Deduct	*-0.56*	
		For Up To 20, Add	*1.83*	
		For >20 To 40, Add	*1.06*	
		For >40 To 80, Add	*0.41*	
09 65 19 23-0009	SF	3mm Thick, 20 Mil Wear Layer, Glue-down, Luxury Vinyl Tile (LVT) (Shaw Jeogori)	5.96	1.89
		For >1,000 To 3,000, Deduct	*-0.13*	
		For >3,000 To 6,000, Deduct	*-0.32*	
		For >6,000, Deduct	*-0.57*	
		For Up To 20, Add	*1.86*	
		For >20 To 40, Add	*1.08*	
		For >40 To 80, Add	*0.42*	
09 65 19 23-0010	SF	2.5mm Thick, 20 Mil Wear Layer, Glue-down, Luxury Vinyl Tile (LVT) Plank (Shaw Grain Direct Glue)	5.60	1.88
		For >1,000 To 3,000, Deduct	*-0.12*	
		For >3,000 To 6,000, Deduct	*-0.31*	
		For >6,000, Deduct	*-0.55*	
		For Up To 20, Add	*1.80*	
		For >20 To 40, Add	*1.04*	
		For >40 To 80, Add	*0.40*	
09 65 19 23-0011	SF	2.5mm Thick, 20 Mil Wear Layer, Glue-down Luxury Vinyl Tile (LVT) Plank (Shaw Pigment Direct Glue)	5.94	1.88
		For >1,000 To 3,000, Deduct	*-0.13*	
		For >3,000 To 6,000, Deduct	*-0.32*	
		For >6,000, Deduct	*-0.57*	
		For Up To 20, Add	*1.85*	
		For >20 To 40, Add	*1.07*	
		For >40 To 80, Add	*0.42*	
09 65 19 23-0012	SF	2.5mm Thick, 20 Mil Wear Layer, Glue-down, Luxury Vinyl Tile (LVT) Plank (Shaw Terrain II 20 MIL 2.5MM)	4.93	1.41
		For >1,000 To 3,000, Deduct	*-0.11*	
		For >3,000 To 6,000, Deduct	*-0.28*	
		For >6,000, Deduct	*-0.51*	
		For Up To 20, Add	*1.70*	
		For >20 To 40, Add	*0.97*	
		For >40 To 80, Add	*0.37*	
09 65 19 23-0013	SF	5mm Thick, 20 Mil Wear Layer, Glue-down, Luxury Vinyl Tile (LVT) Plank (Shaw Terrain II 20 MIL 5.0MM)	6.50	1.41
		For >1,000 To 3,000, Deduct	*-0.14*	
		For >3,000 To 6,000, Deduct	*-0.34*	
		For >6,000, Deduct	*-0.61*	
		For Up To 20, Add	*1.94*	
		For >20 To 40, Add	*1.13*	
		For >40 To 80, Add	*0.45*	
09 65 19 23-0014	SF	2.5mm Thick, 20 Mil Wear Layer, Glue-down, Luxury Vinyl Tile (LVT) (Shaw Compound 2.5MM)	5.73	1.88
		For >1,000 To 3,000, Deduct	*-0.13*	
		For >3,000 To 6,000, Deduct	*-0.31*	
		For >6,000, Deduct	*-0.56*	
		For Up To 20, Add	*1.82*	
		For >20 To 40, Add	*1.05*	
		For >40 To 80, Add	*0.41*	
09 65 19 23-0015	SF	5mm Thick, 20 Mil Wear Layer, Glue-down, Luxury Vinyl Tile (LVT) (Shaw Compound 5.0MM)	6.51	1.88
		For >1,000 To 3,000, Deduct	*-0.14*	
		For >3,000 To 6,000, Deduct	*-0.34*	
		For >6,000, Deduct	*-0.61*	
		For Up To 20, Add	*1.94*	
		For >20 To 40, Add	*1.13*	
		For >40 To 80, Add	*0.45*	
09 65 19 23-0016	SF	2.5mm Thick, 20 Mil Wear Layer, Glue-down, Luxury Vinyl Tile (LVT) (Shaw Cast 2.5MM)	5.73	1.88
		For >1,000 To 3,000, Deduct	*-0.13*	
		For >3,000 To 6,000, Deduct	*-0.31*	
		For >6,000, Deduct	*-0.56*	
		For Up To 20, Add	*1.82*	
		For >20 To 40, Add	*1.05*	
		For >40 To 80, Add	*0.41*	
09 65 19 23-0017	SF	5mm Thick, 20 Mil Wear Layer, Glue-down, Luxury Vinyl Tile (LVT) (Shaw Cast 5.0MM)	6.51	1.88
		For >1,000 To 3,000, Deduct	*-0.14*	
		For >3,000 To 6,000, Deduct	*-0.34*	
		For >6,000, Deduct	*-0.61*	
		For Up To 20, Add	*1.94*	
		For >20 To 40, Add	*1.13*	
		For >40 To 80, Add	*0.45*	
09 65 19 23-0018	SF	5mm Thick, 20 Mil Wear Layer, Glue-down, Luxury Vinyl Tile (LVT) Plank (Shaw Inlet II)	6.65	1.88
		For >1,000 To 3,000, Deduct	*-0.15*	
		For >3,000 To 6,000, Deduct	*-0.35*	
		For >6,000, Deduct	*-0.62*	
		For Up To 20, Add	*1.96*	
		For >20 To 40, Add	*1.15*	
		For >40 To 80, Add	*0.45*	
09 65 19 23-0019	SF	5mm Thick, 20 Mil Wear Layer, Glue-down, Luxury Vinyl Tile (LVT) Plank (Shaw Cove)	6.65	1.88
		For >1,000 To 3,000, Deduct	*-0.15*	
		For >3,000 To 6,000, Deduct	*-0.35*	
		For >6,000, Deduct	*-0.62*	
		For Up To 20, Add	*1.96*	
		For >20 To 40, Add	*1.15*	
		For >40 To 80, Add	*0.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 19 23-0020	SF	6mm Thick, 20 Mil Wear Layer, Glue-down, Luxury Vinyl Tile (LVT) (Shaw Basis)	7.23	1.89
		For >1,000 To 3,000, Deduct	*-0.16*	
		For >3,000 To 6,000, Deduct	*-0.37*	
		For >6,000, Deduct	*-0.65*	
		For Up To 20, Add	*2.05*	
		For >20 To 40, Add	*1.21*	
		For >40 To 80, Add	*0.48*	
09 65 19 23-0021	SF	5mm Thick, 20 Mil Wear Layer, Glue-down, Luxury Vinyl Tile (LVT) (Shaw Thoughtful)	6.61	1.89
		For >1,000 To 3,000, Deduct	*-0.14*	
		For >3,000 To 6,000, Deduct	*-0.35*	
		For >6,000, Deduct	*-0.61*	
		For Up To 20, Add	*1.96*	
		For >20 To 40, Add	*1.14*	
		For >40 To 80, Add	*0.45*	
09 65 19 23-0022	SF	3mm Thick, 30 Mil Wear Layer, Glue-down, Luxury Vinyl Tile (LVT) Plank (Shaw Unveil)	5.62	1.88
		For >1,000 To 3,000, Deduct	*-0.12*	
		For >3,000 To 6,000, Deduct	*-0.31*	
		For >6,000, Deduct	*-0.55*	
		For Up To 20, Add	*1.80*	
		For >20 To 40, Add	*1.04*	
		For >40 To 80, Add	*0.40*	
09 65 19 23-0023	SF	2.5mm Thick, 20 Mil Wear Layer, Glue-down, Luxury Vinyl Tile (LVT) Plank (Shaw Abide)	5.22	1.88
		For >1,000 To 3,000, Deduct	*-0.12*	
		For >3,000 To 6,000, Deduct	*-0.29*	
		For >6,000, Deduct	*-0.53*	
		For Up To 20, Add	*1.74*	
		For >20 To 40, Add	*1.00*	
		For >40 To 80, Add	*0.38*	
09 65 19 23-0024	SF	5mm Thick, 20 Mil Wear Layer, Glue-down, Luxury Vinyl Tile (LVT) Plank (Shaw Solitude)	5.99	1.41
		For >1,000 To 3,000, Deduct	*-0.13*	
		For >3,000 To 6,000, Deduct	*-0.32*	
		For >6,000, Deduct	*-0.58*	
		For Up To 20, Add	*1.86*	
		For >20 To 40, Add	*1.08*	
		For >40 To 80, Add	*0.42*	
09 65 19 23-0025	SF	2.5mm Thick, 20 Mil Wear Layer, Glue-down, Luxury Vinyl Tile (LVT) Plank (Shaw Strand)	5.37	1.41
		For >1,000 To 3,000, Deduct	*-0.12*	
		For >3,000 To 6,000, Deduct	*-0.30*	
		For >6,000, Deduct	*-0.54*	
		For Up To 20, Add	*1.77*	
		For >20 To 40, Add	*1.02*	
		For >40 To 80, Add	*0.39*	
09 65 19 23-0026	SF	2.5mm Thick, 22 Mil Wear Layer, Glue-down, Luxury Vinyl Tile (LVT) (Shaw Function 2.5MM)	4.88	1.41
		For >1,000 To 3,000, Deduct	*-0.11*	
		For >3,000 To 6,000, Deduct	*-0.28*	
		For >6,000, Deduct	*-0.51*	
		For Up To 20, Add	*1.70*	
		For >20 To 40, Add	*0.97*	
		For >40 To 80, Add	*0.36*	
09 65 19 23-0027	SF	5mm Thick, 22 Mil Wear Layer, Glue-down, Luxury Vinyl Tile (LVT) (Shaw Function 5.0MM)	6.36	1.41
		For >1,000 To 3,000, Deduct	*-0.14*	
		For >3,000 To 6,000, Deduct	*-0.34*	
		For >6,000, Deduct	*-0.60*	
		For Up To 20, Add	*1.92*	
		For >20 To 40, Add	*1.12*	
		For >40 To 80, Add	*0.44*	
09 65 19 23-0028	SF	2.5mm Thick, 22 Mil Wear Layer, Glue-down, Luxury Vinyl Tile (LVT) (Shaw Flow 2.5MM)	4.88	1.41
		For >1,000 To 3,000, Deduct	*-0.11*	
		For >3,000 To 6,000, Deduct	*-0.28*	
		For >6,000, Deduct	*-0.51*	
		For Up To 20, Add	*1.70*	
		For >20 To 40, Add	*0.97*	
		For >40 To 80, Add	*0.36*	
09 65 19 23-0029	SF	5mm Thick, 22 Mil Wear Layer, Glue-down, Luxury Vinyl Tile (LVT) (Shaw Flow 5.0MM)	6.36	1.41
		For >1,000 To 3,000, Deduct	*-0.14*	
		For >3,000 To 6,000, Deduct	*-0.34*	
		For >6,000, Deduct	*-0.60*	
		For Up To 20, Add	*1.92*	
		For >20 To 40, Add	*1.12*	
		For >40 To 80, Add	*0.44*	
09 65 19 23-0030	SF	2.5mm Thick, 20 Mil Wear Layer, Glue-down, Luxury Vinyl Tile (LVT) (Shaw Joy Squared)	5.73	1.41
		For >1,000 To 3,000, Deduct	*-0.13*	
		For >3,000 To 6,000, Deduct	*-0.31*	
		For >6,000, Deduct	*-0.56*	
		For Up To 20, Add	*1.82*	
		For >20 To 40, Add	*1.05*	
		For >40 To 80, Add	*0.41*	

09 65 19 33 Rubber Tile Flooring *(09 65 19)*

09 65 19 33-0001 Rubber Tile *(09 65 19 33)*

09 65 19 33-0002 Rubber Tile With Raised Discs, Assorted Colors *(09 65 19 33-0001)*

09 65 19 33-0003	SF	1/8" Thick Rubber Tile With Raised Discs Note: Smooth, raised disc or other patterned surface.	23.67	0.85
		For Up To 100, Add	*1.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 19 33-0004	SF	3/16" Thick Rubber Tile With Raised Discs Note: Smooth, raised disc or other patterned surface.	28.73	0.94
		For Up To 100, Add	*1.53*	
09 65 19 33-0005	SF	7/32" Thick Rubber Tile With Raised Discs Note: Smooth, raised disc or other patterned surface.	31.88	1.13
		For Up To 100, Add	*1.71*	

09 65 19 43 Polyester Composition Tile Flooring *(09 65 19)*

09 65 19 43-0001 Polyester Composition Floor Tile *(09 65 19 43)*

Note: Any size.

09 65 19 43-0002	SF	1/8" Thick, Polyester Composition Floor Tile (Armstrong® BioBased Tile® Migrations®)	10.06	1.41
		For Extra Stock, Material Only, Deduct	*-1.65*	
		For >1,000 To 3,000, Deduct	*-0.21*	
		For >3,000 To 6,000, Deduct	*-0.46*	
		For >6,000, Deduct	*-0.76*	
09 65 19 43-0003	SF	1/8" Thick, Polyester Composition Floor Tile (Armstrong® BioBased Tile® Striations®)	7.41	1.41
		For Extra Stock, Material Only, Deduct	*-1.65*	
		For >1,000 To 3,000, Deduct	*-0.16*	
		For >3,000 To 6,000, Deduct	*-0.36*	
		For >6,000, Deduct	*-0.60*	

09 65 23 Resilient Plank Flooring *(09 65)*

Note: Includes mastic and cleaning floor after installation is complete.

09 65 23 00-0001 Vinyl Plank Flooring *(09 65 23)*

09 65 23 00-0002	SF	0.110" Overall Thickness, 0.012" Wear Layer, Vinyl Plank Flooring (Armstrong® Luxe Plank™)	6.83	0.70
		For >40 To 100, Add	*1.62*	
		For >1,000, Deduct	*-0.54*	
		For Up To 40, Add	*3.24*	
09 65 23 00-0003	SF	0.135" Overall Thickness, 0.020" Wear Layer, Vinyl Plank Flooring (Armstrong® Luxe Plank™)	8.57	0.70
		For >40 To 100, Add	*1.79*	
		For >1,000, Deduct	*-0.71*	
		For Up To 40, Add	*3.59*	
09 65 23 00-0004	SF	0.16" Overall Thickness, 0.020" Wear Layer, Vinyl Plank Flooring (Armstrong® Luxe Plank™)	9.64	0.70
		For >40 To 100, Add	*1.90*	
		For >1,000, Deduct	*-0.82*	
		For Up To 40, Add	*3.80*	
09 65 23 00-0005	SF	2.5mm Thick, 20 Mil Wear Layer, Glue-down, PVC Free, Resilient Plank Flooring (Shaw Pivot)	5.52	1.41
		For >1,000 To 3,000, Deduct	*-0.12*	
		For >3,000 To 6,000, Deduct	*-0.30*	
		For >6,000, Deduct	*-0.55*	
		For Up To 20, Add	*1.79*	
		For >20 To 40, Add	*1.03*	
		For >40 To 80, Add	*0.40*	

09 65 43 Linoleum Flooring *(09 65)*

Note: Includes mastic and cleaning floor after installation is complete.

09 65 43 00-0001 Linoleum Flooring *(09 65 43)*

09 65 43 00-0002	SF	Linoleum Tile (Forbo Marmoleum Composition Tile, MCT)	7.23	1.41
09 65 43 00-0003	SF	2.5 mm, Linoleum Sheet (Forbo Marmoleum)	5.47	0.70
		For 3.2mm Thickness, Add	*0.81*	
		For 2mm Thickness, Deduct	*-0.38*	
09 65 43 00-0004	LF	Heat Weld Linoleum Sheet Flooring Seams Note: For areas requiring seamless installations and superior infection control. Includes routing or hand grooving seams, installing welding rod with heat welding gun, trimming the weld rod flush with the floor surface and applying a protective finish to seam.	6.71	

09 65 66 Resilient Athletic Flooring *(09 65)*

09 65 66 00-0001 Recycled Rubber, Interlocking Athletic Tiles *(09 65 66)*

09 65 66 00-0002	SF	3/8" Height, Recycled Rubber, Interlocking Athletic Tile	7.81	0.65
		For Colors, Add	*1.37*	
09 65 66 00-0003	SF	1/2" Height, Recycled Rubber, Interlocking Athletic Tile	9.08	0.83
		For Colors, Add	*1.58*	
09 65 66 00-0004	SF	3/4" Height, Recycled Rubber, Interlocking Athletic Tile	10.47	1.32
		For Colors, Add	*1.72*	
09 65 66 00-0005	SF	1" Height, Recycled Rubber, Interlocking Athletic Tile	15.26	1.60
		For Colors, Add	*2.60*	

09 65 66 00-0006 Closed Cell, 100 Percent Virgin Rubber, Interlocking Athletic Tiles *(09 65 66)*

09 65 66 00-0007	SF	3/8" Height, Black Hammered Surface, Closed Cell, 100 Percent Virgin Rubber, Hidden Interlocking Athletic Tile (Pawling HL-155)	42.13	0.65
		For Colors, Add	*5.15*	
09 65 66 00-0008	SF	9/16" Height, Black Raised Squares Surface, Closed Cell, 100 Percent Virgin Rubber, Hidden Interlocking Athletic Tile (Pawling HL-100)	61.02	0.65
		For Colors, Add	*7.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 66 00-0009	SF	3/8" Height, Black Raised Discs Surface, Closed Cell, 100 Percent Virgin Rubber, Interlocking Athletic Tile (Pawling PL-100)	44.51	0.65
		For Colors, Add	*5.45*	
09 65 66 00-0010	SF	9/16" Height, Black Raised Nubs Surface, Closed Cell, 100 Percent Virgin Rubber, Interlocking Athletic Tile (Pawling PL-200)	54.80	0.65
		For Colors, Add	*6.73*	
09 65 66 00-0011	SF	7/16" Height, Black Reversible Hammered Surface, Closed Cell, 100 Percent Virgin Rubber, Interlocking Athletic Tile (Pawling FL-150)	45.77	0.65
		For Colors, Add	*5.60*	

09 66 Terrazzo Flooring *(09 60)*

09 66 13 Portland Cement Terrazzo Flooring *(09 66)*

Note: Excludes divider strips. See CSI section 09 66 33 00-0000 for conductive terrazzo.

09 66 13 13 Sand Cushion Terrazzo Flooring *(09 66 13)*

09 66 13 13-0001 Floors Not Bonded To Concrete *(09 66 13 13)*

Note: 3" Thick - 5/8" topping and 1/4" sand cushion.

09 66 13 13-0002	SF	Terrazzo Floor, Not Bonded, Gray Cement 3" Thick With 5/8" Topping, 1/4" Sand Cushion	35.17	3.06
		For Venetian Type Terrazzo, Add	*9.42*	
		For Abrasive Heavy-Duty Terrazzo, Add	*9.42*	
		For Colors, Add	*4.71*	
		For Up To 100, Add	*8.42*	
		For >100 To 250, Add	*4.21*	
09 66 13 13-0003	SF	Terrazzo Floor, Not Bonded, White Cement 3" Thick With 5/8" Topping, 1/4" Sand Cushion	35.36	3.06
		For Venetian Type Terrazzo, Add	*9.51*	
		For Abrasive Heavy-Duty Terrazzo, Add	*9.51*	
		For Colors, Add	*4.76*	
		For Up To 100, Add	*8.44*	
		For >100 To 250, Add	*4.22*	

09 66 13 16 Monolithic Terrazzo Flooring *(09 66 13)*

09 66 13 16-0001 Monolithic Terrazzo *(09 66 13 16)*

09 66 13 16-0002	SF	Monolithic Terrazzo, 3-1/2" Base 5/8" Topping, 4' To 5' Square Panels Topping Note: Including Mesh And Felt	19.64	3.06
		For Venetian Type Terrazzo, Add	*6.86*	
		For Abrasive Heavy-Duty Terrazzo, Add	*6.86*	
		For Colors, Add	*3.43*	
		For Up To 100, Add	*3.74*	
		For >100 To 250, Add	*1.87*	

09 66 13 19 Bonded Terrazzo Flooring *(09 66 13)*

09 66 13 19-0001 Floors Bonded To Concrete *(09 66 13 19)*

Note: 1-3/4" Thick - 5/8" topping.

09 66 13 19-0002	SF	Terrazzo Floor, Bonded To Concrete, Gray Cement 1-3/4" Thick With 5/8" Topping	28.09	3.06
		For Venetian Type Terrazzo, Add	*7.77*	
		For Abrasive Heavy-Duty Terrazzo, Add	*7.77*	
		For Colors, Add	*3.89*	
		For Up To 100, Add	*6.57*	
		For >100 To 250, Add	*3.29*	
09 66 13 19-0003	SF	Terrazzo Floor, Bonded To Concrete, White Cement 1-3/4" Thick With 5/8" Topping	28.27	3.06
		For Venetian Type Terrazzo, Add	*7.86*	
		For Abrasive Heavy-Duty Terrazzo, Add	*7.86*	
		For Colors, Add	*3.93*	
		For Up To 100, Add	*6.59*	
		For >100 To 250, Add	*3.30*	

09 66 13 19-0004 Terrazzo Wainscot *(09 66 13 19)*

09 66 13 19-0005	SF	1-1/2" Thick Terrazzo Wainscot, Cast In Place, Bonded To Concrete Or Masonry	37.26	4.08
		For Venetian Type Terrazzo, Add	*5.03*	

09 66 13 19-0006 Terrazzo Base *(09 66 13 19)*

09 66 13 19-0007	SF	6" Cove Type Terrazzo Base, Cast In Place, Bonded To Concrete Or Masonry	37.08	2.72
		For Venetian Type Terrazzo, Add	*10.97*	

09 66 13 19-0008 Terrazzo Curb *(09 66 13 19)*

09 66 13 19-0009	LF	6" x 6" Terrazzo Curb, Cast In Place, Polished Top And 2 Faces	89.78	18.16
		For Venetian Type Terrazzo, Add	*14.63*	

09 66 13 19-0010 Stairs Cast In Place *(09 66 13 19)*

Note: Topping applied to concrete or metal.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 66 13 19-0011	LF	1-1/2" Thick x 12" Wide, Terrazzo Stair, Cast In Place, Bonded To Concrete Or Metal	37.90	6.12
		For Each SF Of Abrasive Surface Finish, Add	*0.35*	
		For Each LF Of Embedded Abrasive Strips, Add	*0.56*	
		For Each LF Of Abrasive Metal Nosing, Add	*3.90*	
		For Each SF Of Landings, Add	*1.50*	
09 66 13 19-0012	LF	Terrazzo Stair Tread And Riser, Cast In Place, Bonded To Concrete Or Metal	94.22	20.40
		For Each SF Of Abrasive Surface Finish, Add	*0.35*	
		For Each LF Of Embedded Abrasive Strips, Add	*0.56*	
		For Each LF Of Abrasive Metal Nosing, Add	*3.90*	
		For Each SF Of Landings, Add	*1.50*	
09 66 13 19-0013	SF	Terrazzo Stair Stringer And Fascia, Cast In Place, Bonded To Concrete Or Metal	38.45	6.12
		For Each SF Of Abrasive Surface Finish, Add	*0.35*	
		For Each LF Of Embedded Abrasive Strips, Add	*0.56*	
		For Each LF Of Abrasive Metal Nosing, Add	*3.90*	
		For Each SF Of Landings, Add	*1.50*	

09 66 13 19-0014 Divider Strips *(09 66 13 19)*

09 66 13 19-0015	LF	1-1/4" Deep, 14 Gauge, Zinc Plated Steel, Divider Strip	6.24	1.02
09 66 13 19-0016	LF	1-1/4" Deep, 14 Gauge, Brass, Divider Strip	6.43	1.02
09 66 13 19-0017	LF	1-1/4" Deep, 1/4" Thick, Zinc Plated Steel, Heavy Top Strip	9.74	1.02
09 66 13 19-0018	LF	1-1/4" Deep, 1/4" Thick, Galvanized Steel Bottom, Brass, Heavy Top Strip	14.56	1.02
09 66 13 19-0019	LF	1/2" x 1/2", 16 Gauge, Zinc Plated Steel, Divider Strip For Thin Set Floors	5.97	1.02
09 66 13 19-0020	LF	1/2" x 1/2", 16 Gauge, Brass, Divider Strip For Thin Set Floors	9.00	1.02
09 66 13 19-0021	LF	Vinyl Plastic, Divider Strip For Floor	6.41	1.02

09 66 16 Terrazzo Floor Tile *(09 66)*

09 66 16 13 Portland Cement Terrazzo Floor Tile *(09 66 16)*

09 66 16 13-0001 Flooring Tiles *(09 66 16 13)*

Note: Gray cement setting bed 3/16" polyester matrix or 1/2" cement matrix 12" x 12".

09 66 16 13-0002 Terrazzo Tiles With Non-Slip Surface *(09 66 16 13-0001)*

09 66 16 13-0003	SF	9" x 9" x 1" Non-Slip Precast Terrazzo, Thin Set Floor Tile	32.37	2.96
		For White Cement, Add	*0.36*	
		For Venetian Type Terrazzo, Add	*2.00*	
09 66 16 13-0004	SF	12" x 12" x 1" Non-Slip Precast Terrazzo, Thin Set Floor Tile	33.10	2.96
		For White Cement, Add	*0.36*	
		For Venetian Type Terrazzo, Add	*2.00*	
09 66 16 13-0005	SF	12" x 12" x 1-1/2" Non-Slip Precast Terrazzo, Thin Set Floor Tile	38.34	2.96
		For White Cement, Add	*0.36*	
		For Venetian Type Terrazzo, Add	*2.00*	
09 66 16 13-0006	SF	18" x 18" x 1-1/2" Non-Slip Precast Terrazzo, Thin Set Floor Tile	41.05	2.96
		For White Cement, Add	*0.36*	
		For Venetian Type Terrazzo, Add	*2.00*	
09 66 16 13-0007	SF	24" x 24" x 1-1/2" Non-Slip Precast Terrazzo, Thin Set Floor Tile	43.00	2.96
		For White Cement, Add	*0.36*	
		For Venetian Type Terrazzo, Add	*2.00*	

09 66 16 13-0008 Terrazzo Tile Thin Set *(09 66 16 13-0001)*

09 66 16 13-0009	SF	Precast Terrazzo, 1/4" To 1/2" Chips Floor Tiles, Thin Set Gray Cement Bed	32.06	2.96
		For White Cement, Add	*0.36*	
		For Venetian Type Terrazzo, Add	*2.00*	
09 66 16 13-0010	SF	Precast Terrazzo, 3/8" To 1" Chips Floor Tiles, Thin Set Gray Cement Bed	34.21	2.96
		For White Cement, Add	*0.36*	
		For Venetian Type Terrazzo, Add	*2.00*	

09 66 16 13-0011 Thin Set Terrazzo Wainscot *(09 66 16 13-0001)*

09 66 16 13-0012	SF	12" x 12" x 1" Terrazzo Tile Wainscot Thin Set	45.83	5.44
		For Each LF Of White Cement, Add	*0.50*	
		For Each LF Of Zinc Toe Strip, Add	*1.00*	
09 66 16 13-0013	SF	18" x 18" x 1-1/2" Terrazzo Tile Wainscot Thin Set	52.14	5.44
		For Each LF Of White Cement, Add	*0.50*	
		For Each LF Of Zinc Toe Strip, Add	*1.00*	

09 66 16 13-0014 Thin Set Terrazzo Base, Gray Cement *(09 66 16 13-0001)*

09 66 16 13-0015	LF	6" High, Straight Terrazzo Base Thin Set, Gray Cement	15.52	2.72
		For Each LF Of White Cement, Add	*0.50*	
		For Each LF Of Zinc Toe Strip, Add	*1.00*	
09 66 16 13-0016	LF	6" High, Cove Terrazzo Base Thin Set, Gray Cement	17.50	2.72
		For Each LF Of White Cement, Add	*0.50*	
		For Each LF Of Zinc Toe Strip, Add	*1.00*	
09 66 16 13-0017	LF	8" High, Straight Terrazzo Base Thin Set, Gray Cement	18.20	2.72
		For Each LF Of White Cement, Add	*0.50*	
		For Each LF Of Zinc Toe Strip, Add	*1.00*	
09 66 16 13-0018	LF	8" High, Cove Terrazzo Base Thin Set, Gray Cement	19.20	2.72
		For Each LF Of White Cement, Add	*0.50*	
		For Each LF Of Zinc Toe Strip, Add	*1.00*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 66 16 13-0019		Terrazzo Curbs *(09 66 16 13-0001)*		
09 66 16 13-0020	LF	8" x 8" Curb, Terrazzo Tile	30.17	3.64
		For Each LF Of White Cement, Add	*0.50*	
		For Each LF Of Zinc Toe Strip, Add	*1.00*	
09 66 16 13-0021	LF	6" x 6" Curb, Terrazzo Tile	29.17	3.64
		For Each LF Of White Cement, Add	*0.50*	
		For Each LF Of Zinc Toe Strip, Add	*1.00*	
09 66 16 13-0022		Precast Terrazzo Stair Treads 12" Wide *(09 66 16 13-0001)*		
09 66 16 13-0023	LF	1-1/2" Precast Terrazzo Stair Tread 12" Wide x 1-1/2" Thick, Diamond Pattern	78.75	3.64
09 66 16 13-0024	LF	1-1/2" Precast Terrazzo Stair Tread 12" Wide x 1-1/2" Thick, Non-Slip Surface	66.82	3.64
09 66 16 13-0025	LF	2" Precast Terrazzo Straight Stair Tread	58.87	3.64
09 66 16 13-0026	LF	2" Precast Terrazzo Curved Stair Tread	69.11	3.64
09 66 16 13-0027		Stair Risers, 1" Thick To 6" High, Straight *(09 66 16 13-0001)*		
09 66 16 13-0028	LF	1" To 6" High Precast Terrazzo Stair Riser Straight Section, Thin Set	35.22	2.72
09 66 16 13-0029	LF	1" To 6" High Precast Terrazzo Stair Riser Straight Cove Section, Thin Set	41.18	2.72
09 66 16 13-0030		Stair Risers, 1" Thick To 6" High, Curved *(09 66 16 13-0001)*		
09 66 16 13-0031	LF	1" To 6" High Precast Terrazzo Stair Riser Curved Vertical Section, Thin Set	52.43	2.72
09 66 16 13-0032	LF	1" To 6" High Precast Terrazzo Stair Riser Curved Cove Section, Thin Set	56.41	2.72
09 66 16 13-0033		Tread And Riser *(09 66 16 13)*		
09 66 16 13-0034		Stair Stringers, Notched For Treads And Risers *(09 66 16 13-0033)*		
09 66 16 13-0035	LF	1" Precast Terrazzo Stair Stringers Notched For Treads And Risers	87.19	7.26
09 66 16 13-0036	LF	2" Precast Terrazzo Stair Stringers Notched For Treads And Risers	105.44	7.26
09 66 16 13-0037		Structural Non-Slip Landings *(09 66 16 13-0033)*		
09 66 16 13-0038	SF	1-1/2" Thick Precast Terrazzo Stair Landing Structural, Non-Slip	63.03	3.64
09 66 16 13-0039	SF	3" Thick Precast Terrazzo Stair Landing Structural, Non-Slip	77.98	3.64
09 66 16 13-0040		Combined Tread And Riser *(09 66 16 13-0033)*		
09 66 16 13-0041		Straight Sections *(09 66 16 13-0040)*		
09 66 16 13-0042	LF	Precast Terrazzo Stair Tread And Riser 1-1/2" Tread, 3/4" Riser, Straight Section	139.30	7.26
09 66 16 13-0043	LF	Precast Terrazzo Stair Tread And Riser 3" Tread, 1" Riser, Straight Section	167.15	7.26
09 66 16 13-0044		Curved Sections *(09 66 16 13-0040)*		
09 66 16 13-0045	LF	Precast Terrazzo Stair Tread And Riser 2" Tread, 1" Riser, Curved Section	175.44	7.26
09 66 16 13-0046	LF	Precast Terrazzo Stair Tread And Riser 3" Tread, 1" Riser, Curved Section	223.17	7.26

09 66 33 Conductive Terrazzo Flooring *(09 66)*

Note: For anti-static areas.

09 66 33 13 Conductive Epoxy-Resin Terrazzo *(09 66 33)*

09 66 33 13-0001	SF	Terrazzo, Epoxy System, Floor Spark Proof, Conductive, Industrial	27.37	4.54
09 66 33 13-0002	SF	Terrazzo, Epoxy System, Base Spark Proof, Conductive, Industrial	50.41	4.54

09 66 33 16 Conductive Polyester-Resin Terrazzo Flooring *(09 66 33)*

09 66 33 16-0001	SF	Terrazzo, Polyester System, Floor Spark Proof, Conductive, Industrial	20.81	4.54
09 66 33 16-0002	SF	Terrazzo, Polyester System, Base Spark Proof, Conductive, Industrial	36.53	4.54

09 66 33 19 Conductive Plastic-Matrix Terrazzo Flooring *(09 66 33)*

09 66 33 19-0001	SF	Terrazzo, Polyacrylate System, Floor Spark Proof, Conductive, Industrial	23.20	4.54
09 66 33 19-0002	SF	Terrazzo, Polyacrylate System, Base Spark Proof, Conductive, Industrial	45.24	4.54
09 66 33 19-0003	SF	Terrazzo, Synthetic Latex Mastic System, Floor Spark Proof, Conductive, Industrial	34.18	4.54
09 66 33 19-0004	SF	Terrazzo, Synthetic Latex Mastic System, Base Spark Proof, Conductive, Industrial	38.51	4.54

09 68 Carpeting *(09 60)*

Note: No VOC carpet and adhesives. Includes tack strips, glue and floor fastenings as required and vacuuming.

09 68 13 Tile Carpeting *(09 68)*

09 68 13 00-0001 Tufted Carpet Tiles *(09 68 13)*

Note: Level-loop pile or textured-loop pile carpet tiles. Includes glue (releasable mastic) or peel and stick backing.

09 68 13 00-0002 Non-Patterned Carpet Tiles *(09 68 13 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0003	SY	18 Ounce, Non-Patterned, Nylon Carpet Tile	42.01	5.66
		For >200 To 400, Deduct	*-0.56*	
		For >400 To 600, Deduct	*-0.84*	
		For >600 To 900, Deduct	*-1.62*	
		For >900 To 1,500, Deduct	*-2.39*	
		For >1,500 To 2,200, Deduct	*-3.51*	
		For >2,200 To 3,500, Deduct	*-4.56*	
		For >3,500, Deduct	*-5.61*	
		For Cushion Backed Tile, Add	*6.00*	
		For Up To 15, Add	*2.77*	
		For >15 To 33, Add	*1.39*	
09 68 13 00-0004	SY	20 Ounce, Non-Patterned, Nylon Carpet Tile	43.72	5.66
		For >200 To 400, Deduct	*-0.60*	
		For >400 To 600, Deduct	*-0.90*	
		For >600 To 900, Deduct	*-1.70*	
		For >900 To 1,500, Deduct	*-2.51*	
		For >1,500 To 2,200, Deduct	*-3.68*	
		For >2,200 To 3,500, Deduct	*-4.77*	
		For >3,500, Deduct	*-5.86*	
		For Cushion Backed Tile, Add	*6.00*	
		For Up To 15, Add	*2.77*	
		For >15 To 33, Add	*1.39*	
09 68 13 00-0005	SY	22 Ounce, Non-Patterned, Nylon Carpet Tile	49.14	5.66
		For >200 To 400, Deduct	*-0.71*	
		For >400 To 600, Deduct	*-1.06*	
		For >600 To 900, Deduct	*-1.97*	
		For >900 To 1,500, Deduct	*-2.89*	
		For >1,500 To 2,200, Deduct	*-4.22*	
		For >2,200 To 3,500, Deduct	*-5.45*	
		For >3,500, Deduct	*-6.68*	
		For Cushion Backed Tile, Add	*6.00*	
		For Up To 15, Add	*2.77*	
		For >15 To 33, Add	*1.39*	
09 68 13 00-0006	SY	24 Ounce, Non-Patterned, Nylon Carpet Tile	54.42	5.66
		For >200 To 400, Deduct	*-0.81*	
		For >400 To 600, Deduct	*-1.22*	
		For >600 To 900, Deduct	*-2.24*	
		For >900 To 1,500, Deduct	*-3.25*	
		For >1,500 To 2,200, Deduct	*-4.75*	
		For >2,200 To 3,500, Deduct	*-6.11*	
		For >3,500, Deduct	*-7.47*	
		For Cushion Backed Tile, Add	*6.00*	
		For Up To 15, Add	*2.77*	
		For >15 To 33, Add	*1.39*	
09 68 13 00-0007	SY	26 Ounce, Non-Patterned, Nylon Carpet Tile	57.51	5.66
		For >200 To 400, Deduct	*-0.87*	
		For >400 To 600, Deduct	*-1.31*	
		For >600 To 900, Deduct	*-2.39*	
		For >900 To 1,500, Deduct	*-3.47*	
		For >1,500 To 2,200, Deduct	*-5.06*	
		For >2,200 To 3,500, Deduct	*-6.50*	
		For >3,500, Deduct	*-7.93*	
		For Cushion Backed Tile, Add	*6.00*	
		For Up To 15, Add	*2.77*	
		For >15 To 33, Add	*1.39*	
09 68 13 00-0008	SY	28 Ounce, Non-Patterned, Nylon Carpet Tile	60.67	5.66
		For >200 To 400, Deduct	*-0.94*	
		For >400 To 600, Deduct	*-1.40*	
		For >600 To 900, Deduct	*-2.55*	
		For >900 To 1,500, Deduct	*-3.69*	
		For >1,500 To 2,200, Deduct	*-5.37*	
		For >2,200 To 3,500, Deduct	*-6.89*	
		For >3,500, Deduct	*-8.41*	
		For Cushion Backed Tile, Add	*6.00*	
		For Up To 15, Add	*2.77*	
		For >15 To 33, Add	*1.39*	
09 68 13 00-0009	SY	30 Ounce, Non-Patterned, Nylon Carpet Tile	61.61	5.66
		For >200 To 400, Deduct	*-0.95*	
		For >400 To 600, Deduct	*-1.43*	
		For >600 To 900, Deduct	*-2.60*	
		For >900 To 1,500, Deduct	*-3.76*	
		For >1,500 To 2,200, Deduct	*-5.47*	
		For >2,200 To 3,500, Deduct	*-7.01*	
		For >3,500, Deduct	*-8.55*	
		For Cushion Backed Tile, Add	*6.00*	
		For Up To 15, Add	*2.77*	
		For >15 To 33, Add	*1.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0010	SY	32 Ounce, Non-Patterned, Nylon Carpet Tile	62.20	5.66
		For >200 To 400, Deduct	*-0.97*	
		For >400 To 600, Deduct	*-1.45*	
		For >600 To 900, Deduct	*-2.62*	
		For >900 To 1,500, Deduct	*-3.80*	
		For >1,500 To 2,200, Deduct	*-5.53*	
		For >2,200 To 3,500, Deduct	*-7.08*	
		For >3,500, Deduct	*-8.64*	
		For Cushion Backed Tile, Add	*6.00*	
		For Up To 15, Add	*2.77*	
		For >15 To 33, Add	*1.39*	
09 68 13 00-0011	SY	34 Ounce, Non-Patterned, Nylon Carpet Tile	62.69	5.66
		For >200 To 400, Deduct	*-0.98*	
		For >400 To 600, Deduct	*-1.46*	
		For >600 To 900, Deduct	*-2.65*	
		For >900 To 1,500, Deduct	*-3.83*	
		For >1,500 To 2,200, Deduct	*-5.58*	
		For >2,200 To 3,500, Deduct	*-7.14*	
		For >3,500, Deduct	*-8.71*	
		For Cushion Backed Tile, Add	*6.00*	
		For Up To 15, Add	*2.77*	
		For >15 To 33, Add	*1.39*	
09 68 13 00-0012	SY	36 Ounce, Non-Patterned, Nylon Carpet Tile	64.38	5.66
		For >200 To 400, Deduct	*-1.01*	
		For >400 To 600, Deduct	*-1.52*	
		For >600 To 900, Deduct	*-2.73*	
		For >900 To 1,500, Deduct	*-3.95*	
		For >1,500 To 2,200, Deduct	*-5.74*	
		For >2,200 To 3,500, Deduct	*-7.35*	
		For >3,500, Deduct	*-8.96*	
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	*2.00*	
		For Cushion Backed Tile, Add	*6.00*	
		For Up To 15, Add	*2.77*	
		For >15 To 33, Add	*1.39*	
09 68 13 00-0013	SY	38 Ounce, Non-Patterned, Nylon Carpet Tile	67.72	5.66
		For >200 To 400, Deduct	*-1.08*	
		For >400 To 600, Deduct	*-1.62*	
		For >600 To 900, Deduct	*-2.90*	
		For >900 To 1,500, Deduct	*-4.19*	
		For >1,500 To 2,200, Deduct	*-6.08*	
		For >2,200 To 3,500, Deduct	*-7.77*	
		For >3,500, Deduct	*-9.46*	
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	*2.00*	
		For Cushion Backed Tile, Add	*6.00*	
		For Up To 15, Add	*2.77*	
		For >15 To 33, Add	*1.39*	
09 68 13 00-0014	SY	40 Ounce, Non-Patterned, Nylon Carpet Tile	71.31	5.66
		For >200 To 400, Deduct	*-1.15*	
		For >400 To 600, Deduct	*-1.72*	
		For >600 To 900, Deduct	*-3.08*	
		For >900 To 1,500, Deduct	*-4.44*	
		For >1,500 To 2,200, Deduct	*-6.44*	
		For >2,200 To 3,500, Deduct	*-8.22*	
		For >3,500, Deduct	*-10.00*	
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	*2.00*	
		For Cushion Backed Tile, Add	*6.00*	
		For Up To 15, Add	*2.77*	
		For >15 To 33, Add	*1.39*	
09 68 13 00-0015	SY	42 Ounce, Non-Patterned, Nylon Carpet Tile	78.20	5.66
		For >200 To 400, Deduct	*-1.29*	
		For >400 To 600, Deduct	*-1.93*	
		For >600 To 900, Deduct	*-3.42*	
		For >900 To 1,500, Deduct	*-4.92*	
		For >1,500 To 2,200, Deduct	*-7.13*	
		For >2,200 To 3,500, Deduct	*-9.08*	
		For >3,500, Deduct	*-11.04*	
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	*2.00*	
		For Cushion Backed Tile, Add	*6.00*	
		For Up To 15, Add	*2.77*	
		For >15 To 33, Add	*1.39*	
09 68 13 00-0016	SY	Installation Of Owner Provided Non-Patterned Carpet Tiles	13.78	

09 68 13 00-0017 Patterned Carpet Tiles *(09 68 13 00-0001)*

Note: Patterned carpet has a definitive repeating pattern as defined by the manufacturer.

09 68 13 00-0018	SY	15 Ounce, Patterned, Nylon Carpet Tile	42.91	5.66
		For >200 To 400, Deduct	*-0.55*	
		For >400 To 600, Deduct	*-0.83*	
		For >600 To 900, Deduct	*-1.61*	
		For >900 To 1,500, Deduct	*-2.39*	
		For >1,500 To 2,200, Deduct	*-3.53*	
		For >2,200 To 3,500, Deduct	*-4.60*	
		For >3,500, Deduct	*-5.67*	
		For Cushion Backed Tile, Add	*6.00*	
		For Up To 15, Add	*3.05*	
		For >15 To 33, Add	*1.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0019	SY	18 Ounce, Patterned, Nylon Carpet Tile	43.40	5.66
		For >200 To 400, Deduct	*-0.56*	
		For >400 To 600, Deduct	*-0.84*	
		For >600 To 900, Deduct	*-1.64*	
		For >900 To 1,500, Deduct	*-2.43*	
		For >1,500 To 2,200, Deduct	*-3.58*	
		For >2,200 To 3,500, Deduct	*-4.66*	
		For >3,500, Deduct	*-5.75*	
		For Cushion Backed Tile, Add	*6.00*	
		For Up To 15, Add	*3.05*	
		For >15 To 33, Add	*1.53*	
09 68 13 00-0020	SY	20 Ounce, Patterned, Nylon Carpet Tile	45.56	5.66
		For >200 To 400, Deduct	*-0.61*	
		For >400 To 600, Deduct	*-0.91*	
		For >600 To 900, Deduct	*-1.74*	
		For >900 To 1,500, Deduct	*-2.58*	
		For >1,500 To 2,200, Deduct	*-3.79*	
		For >2,200 To 3,500, Deduct	*-4.93*	
		For >3,500, Deduct	*-6.07*	
		For Cushion Backed Tile, Add	*6.00*	
		For Up To 15, Add	*3.05*	
		For >15 To 33, Add	*1.53*	
09 68 13 00-0021	SY	22 Ounce, Patterned, Nylon Carpet Tile	51.06	5.66
		For >200 To 400, Deduct	*-0.72*	
		For >400 To 600, Deduct	*-1.07*	
		For >600 To 900, Deduct	*-2.02*	
		For >900 To 1,500, Deduct	*-2.96*	
		For >1,500 To 2,200, Deduct	*-4.34*	
		For >2,200 To 3,500, Deduct	*-5.62*	
		For >3,500, Deduct	*-6.90*	
		For Cushion Backed Tile, Add	*6.00*	
		For Up To 15, Add	*3.05*	
		For >15 To 33, Add	*1.53*	
09 68 13 00-0022	SY	24 Ounce, Patterned, Nylon Carpet Tile	56.42	5.66
		For >200 To 400, Deduct	*-0.82*	
		For >400 To 600, Deduct	*-1.23*	
		For >600 To 900, Deduct	*-2.29*	
		For >900 To 1,500, Deduct	*-3.34*	
		For >1,500 To 2,200, Deduct	*-4.88*	
		For >2,200 To 3,500, Deduct	*-6.29*	
		For >3,500, Deduct	*-7.70*	
		For Cushion Backed Tile, Add	*6.00*	
		For Up To 15, Add	*3.05*	
		For >15 To 33, Add	*1.53*	
09 68 13 00-0023	SY	26 Ounce, Patterned, Nylon Carpet Tile	59.55	5.66
		For >200 To 400, Deduct	*-0.89*	
		For >400 To 600, Deduct	*-1.33*	
		For >600 To 900, Deduct	*-2.44*	
		For >900 To 1,500, Deduct	*-3.56*	
		For >1,500 To 2,200, Deduct	*-5.19*	
		For >2,200 To 3,500, Deduct	*-6.68*	
		For >3,500, Deduct	*-8.17*	
		For Cushion Backed Tile, Add	*6.00*	
		For Up To 15, Add	*3.05*	
		For >15 To 33, Add	*1.53*	
09 68 13 00-0024	SY	28 Ounce, Patterned, Nylon Carpet Tile	62.77	5.66
		For >200 To 400, Deduct	*-0.95*	
		For >400 To 600, Deduct	*-1.43*	
		For >600 To 900, Deduct	*-2.60*	
		For >900 To 1,500, Deduct	*-3.78*	
		For >1,500 To 2,200, Deduct	*-5.51*	
		For >2,200 To 3,500, Deduct	*-7.08*	
		For >3,500, Deduct	*-8.65*	
		For Cushion Backed Tile, Add	*6.00*	
		For Up To 15, Add	*3.05*	
		For >15 To 33, Add	*1.53*	
09 68 13 00-0025	SY	30 Ounce, Patterned, Nylon Carpet Tile	63.71	5.66
		For >200 To 400, Deduct	*-0.97*	
		For >400 To 600, Deduct	*-1.45*	
		For >600 To 900, Deduct	*-2.65*	
		For >900 To 1,500, Deduct	*-3.85*	
		For >1,500 To 2,200, Deduct	*-5.61*	
		For >2,200 To 3,500, Deduct	*-7.20*	
		For >3,500, Deduct	*-8.79*	
		For Cushion Backed Tile, Add	*6.00*	
		For Up To 15, Add	*3.05*	
		For >15 To 33, Add	*1.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0026	SY	32 Ounce, Patterned, Nylon Carpet Tile	64.31	5.66
		For >200 To 400, Deduct	*-0.98*	
		For >400 To 600, Deduct	*-1.47*	
		For >600 To 900, Deduct	*-2.68*	
		For >900 To 1,500, Deduct	*-3.89*	
		For >1,500 To 2,200, Deduct	*-5.67*	
		For >2,200 To 3,500, Deduct	*-7.28*	
		For >3,500, Deduct	*-8.88*	
		For Cushion Backed Tile, Add	*6.00*	
		For Up To 15, Add	*3.05*	
		For >15 To 33, Add	*1.53*	
09 68 13 00-0027	SY	34 Ounce, Patterned, Nylon Carpet Tile	64.81	5.66
		For >200 To 400, Deduct	*-0.99*	
		For >400 To 600, Deduct	*-1.49*	
		For >600 To 900, Deduct	*-2.71*	
		For >900 To 1,500, Deduct	*-3.93*	
		For >1,500 To 2,200, Deduct	*-5.72*	
		For >2,200 To 3,500, Deduct	*-7.34*	
		For >3,500, Deduct	*-8.96*	
		For Cushion Backed Tile, Add	*6.00*	
		For Up To 15, Add	*3.05*	
		For >15 To 33, Add	*1.53*	
09 68 13 00-0028	SY	36 Ounce, Patterned, Nylon Carpet Tile	66.53	5.66
		For >200 To 400, Deduct	*-1.03*	
		For >400 To 600, Deduct	*-1.54*	
		For >600 To 900, Deduct	*-2.79*	
		For >900 To 1,500, Deduct	*-4.05*	
		For >1,500 To 2,200, Deduct	*-5.89*	
		For >2,200 To 3,500, Deduct	*-7.55*	
		For >3,500, Deduct	*-9.22*	
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	*2.00*	
		For Cushion Backed Tile, Add	*6.00*	
		For Up To 15, Add	*3.05*	
		For >15 To 33, Add	*1.53*	
09 68 13 00-0029	SY	38 Ounce, Patterned, Nylon Carpet Tile	69.92	5.66
		For >200 To 400, Deduct	*-1.09*	
		For >400 To 600, Deduct	*-1.64*	
		For >600 To 900, Deduct	*-2.96*	
		For >900 To 1,500, Deduct	*-4.28*	
		For >1,500 To 2,200, Deduct	*-6.23*	
		For >2,200 To 3,500, Deduct	*-7.98*	
		For >3,500, Deduct	*-9.73*	
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	*2.00*	
		For Cushion Backed Tile, Add	*6.00*	
		For Up To 15, Add	*3.05*	
		For >15 To 33, Add	*1.53*	
09 68 13 00-0030	SY	40 Ounce, Patterned, Nylon Carpet Tile	73.56	5.66
		For >200 To 400, Deduct	*-1.17*	
		For >400 To 600, Deduct	*-1.75*	
		For >600 To 900, Deduct	*-3.14*	
		For >900 To 1,500, Deduct	*-4.54*	
		For >1,500 To 2,200, Deduct	*-6.59*	
		For >2,200 To 3,500, Deduct	*-8.43*	
		For >3,500, Deduct	*-10.27*	
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	*2.00*	
		For Cushion Backed Tile, Add	*6.00*	
		For Up To 15, Add	*3.05*	
		For >15 To 33, Add	*1.53*	
09 68 13 00-0031	SY	42 Ounce, Patterned, Nylon Carpet Tile	80.56	5.66
		For >200 To 400, Deduct	*-1.31*	
		For >400 To 600, Deduct	*-1.96*	
		For >600 To 900, Deduct	*-3.49*	
		For >900 To 1,500, Deduct	*-5.03*	
		For >1,500 To 2,200, Deduct	*-7.29*	
		For >2,200 To 3,500, Deduct	*-9.31*	
		For >3,500, Deduct	*-11.32*	
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	*2.00*	
		For Cushion Backed Tile, Add	*6.00*	
		For Up To 15, Add	*3.05*	
		For >15 To 33, Add	*1.53*	
09 68 13 00-0032	SY	Installation Of Owner Provided Patterned Carpet Tiles	15.80	

09 68 13 00-0033 ESD Static Control Carpet Tiles (StaticSmart Mission Critical Discovery ECO Series) *(09 68 13 00-0001)*

Note: Includes conductive ESD releasable adhesive and grounding clips.

09 68 13 00-0034	SY	24 Ounce, ESD Static Control, Non-Patterned, Nylon Carpet Tile (StaticSmart Mission Critical Discovery ECO Series)	96.90	5.66
		For >200 To 400, Deduct	*-1.63*	
		For >400 To 600, Deduct	*-2.45*	
		For >600 To 900, Deduct	*-4.31*	
		For >900 To 1,500, Deduct	*-6.17*	
		For >1,500 To 2,200, Deduct	*-8.93*	
		For >2,200 To 3,500, Deduct	*-11.35*	
		For >3,500, Deduct	*-13.77*	
		For Up To 15, Add	*3.05*	
		For >15 To 33, Add	*1.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

09 68 16 Sheet Carpeting *(09 68)*

Note: Weights shown are face weight excluding backing weight and excludes padding. Demolition of carpet includes removal of glue if required. Residential carpet backing basis is for padding and commercial carpet backing is for glue down.

09 68 16 00-0001 Carpet Cushion *(09 68 16)*

09 68 16 00-0002 Carpet Padding *(09 68 16 00-0001)*

09 68 16 00-0003 Prime Polyurethane Foam Carpet Padding *(09 68 16 00-0002)*

09 68 16 00-0004	SY	7/16" Thick, Prime Polyurethane Foam Carpet Padding	18.74	2.94
		For >200 To 400, Deduct	*-0.29*	
		For >400 To 600, Deduct	*-0.43*	
		For >600 To 900, Deduct	*-0.78*	
		For >900 To 1,500, Deduct	*-1.13*	
		For >1,500 To 2,200, Deduct	*-1.65*	
		For >2,200 To 3,500, Deduct	*-2.12*	
		For >3,500, Deduct	*-2.59*	
		For Up To 15, Add	*0.89*	
		For >15 To 33, Add	*0.45*	
09 68 16 00-0005	SY	1/2" Thick, Prime Polyurethane Foam Carpet Padding	19.58	2.94
		For >200 To 400, Deduct	*-0.30*	
		For >400 To 600, Deduct	*-0.45*	
		For >600 To 900, Deduct	*-0.82*	
		For >900 To 1,500, Deduct	*-1.19*	
		For >1,500 To 2,200, Deduct	*-1.74*	
		For >2,200 To 3,500, Deduct	*-2.22*	
		For >3,500, Deduct	*-2.71*	
		For Up To 15, Add	*0.89*	
		For >15 To 33, Add	*0.45*	

09 68 16 00-0006 Bonded (Rebond) Polyurethane Foam Carpet Padding *(09 68 16 00-0002)*

09 68 16 00-0007	SY	1/4" Thick, 8 Lb./CF, Bonded (Rebond) Polyurethane Foam Carpet Padding	11.44	2.94
		For >200 To 400, Deduct	*-0.14*	
		For >400 To 600, Deduct	*-0.21*	
		For >600 To 900, Deduct	*-0.42*	
		For >900 To 1,500, Deduct	*-0.62*	
		For >1,500 To 2,200, Deduct	*-0.92*	
		For >2,200 To 3,500, Deduct	*-1.21*	
		For >3,500, Deduct	*-1.49*	
		For Up To 15, Add	*0.89*	
		For >15 To 33, Add	*0.45*	
09 68 16 00-0008	SY	5/16" Thick, 8 Lb./CF, Bonded (Rebond) Polyurethane Foam Carpet Padding	12.02	2.94
		For >200 To 400, Deduct	*-0.15*	
		For >400 To 600, Deduct	*-0.23*	
		For >600 To 900, Deduct	*-0.44*	
		For >900 To 1,500, Deduct	*-0.66*	
		For >1,500 To 2,200, Deduct	*-0.98*	
		For >2,200 To 3,500, Deduct	*-1.28*	
		For >3,500, Deduct	*-1.58*	
		For Up To 15, Add	*0.89*	
		For >15 To 33, Add	*0.45*	
09 68 16 00-0009	SY	3/8" Thick, 5.5 Lb./CF, Bonded (Rebond) Polyurethane Foam Carpet Padding	9.31	2.94
		For >200 To 400, Deduct	*-0.10*	
		For >400 To 600, Deduct	*-0.15*	
		For >600 To 900, Deduct	*-0.31*	
		For >900 To 1,500, Deduct	*-0.47*	
		For >1,500 To 2,200, Deduct	*-0.71*	
		For >2,200 To 3,500, Deduct	*-0.94*	
		For >3,500, Deduct	*-1.17*	
		For Up To 15, Add	*0.89*	
		For >15 To 33, Add	*0.45*	
09 68 16 00-0010	SY	3/8" Thick, 8 Lb./CF, Bonded (Rebond) Polyurethane Foam Carpet Padding	11.63	2.94
		For >200 To 400, Deduct	*-0.14*	
		For >400 To 600, Deduct	*-0.22*	
		For >600 To 900, Deduct	*-0.43*	
		For >900 To 1,500, Deduct	*-0.64*	
		For >1,500 To 2,200, Deduct	*-0.94*	
		For >2,200 To 3,500, Deduct	*-1.23*	
		For >3,500, Deduct	*-1.52*	
		For Up To 15, Add	*0.89*	
		For >15 To 33, Add	*0.45*	
09 68 16 00-0011	SY	7/16" Thick, 5.5 Lb./CF, Bonded (Rebond) Polyurethane Foam Carpet Padding	11.63	2.94
		For >200 To 400, Deduct	*-0.14*	
		For >400 To 600, Deduct	*-0.22*	
		For >600 To 900, Deduct	*-0.43*	
		For >900 To 1,500, Deduct	*-0.64*	
		For >1,500 To 2,200, Deduct	*-0.94*	
		For >2,200 To 3,500, Deduct	*-1.23*	
		For >3,500, Deduct	*-1.52*	
		For Up To 15, Add	*0.89*	
		For >15 To 33, Add	*0.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 16 00-0012	SY	7/16" Thick, 6 Lb./CF, Bonded (Rebond) Polyurethane Foam Carpet Padding	11.63	2.94
		For >200 To 400, Deduct	*-0.14*	
		For >400 To 600, Deduct	*-0.22*	
		For >600 To 900, Deduct	*-0.43*	
		For >900 To 1,500, Deduct	*-0.64*	
		For >1,500 To 2,200, Deduct	*-0.94*	
		For >2,200 To 3,500, Deduct	*-1.23*	
		For >3,500, Deduct	*-1.52*	
		For Up To 15, Add	*0.89*	
		For >15 To 33, Add	*0.45*	
09 68 16 00-0013	SY	7/16" Thick, 8 Lb./CF, Bonded (Rebond) Polyurethane Foam Carpet Padding	13.01	2.94
		For >200 To 400, Deduct	*-0.17*	
		For >400 To 600, Deduct	*-0.26*	
		For >600 To 900, Deduct	*-0.49*	
		For >900 To 1,500, Deduct	*-0.73*	
		For >1,500 To 2,200, Deduct	*-1.08*	
		For >2,200 To 3,500, Deduct	*-1.40*	
		For >3,500, Deduct	*-1.73*	
		For Up To 15, Add	*0.89*	
		For >15 To 33, Add	*0.45*	
09 68 16 00-0014	SY	1/2" Thick, 5.5 Lb./CF, Bonded (Rebond) Polyurethane Foam Carpet Padding	11.50	2.94
		For >200 To 400, Deduct	*-0.14*	
		For >400 To 600, Deduct	*-0.21*	
		For >600 To 900, Deduct	*-0.42*	
		For >900 To 1,500, Deduct	*-0.63*	
		For >1,500 To 2,200, Deduct	*-0.93*	
		For >2,200 To 3,500, Deduct	*-1.21*	
		For >3,500, Deduct	*-1.50*	
		For Up To 15, Add	*0.89*	
		For >15 To 33, Add	*0.45*	
09 68 16 00-0015	SY	1/2" Thick, 6 Lb./CF, Bonded (Rebond) Polyurethane Foam Carpet Padding	11.95	2.94
		For >200 To 400, Deduct	*-0.15*	
		For >400 To 600, Deduct	*-0.22*	
		For >600 To 900, Deduct	*-0.44*	
		For >900 To 1,500, Deduct	*-0.66*	
		For >1,500 To 2,200, Deduct	*-0.97*	
		For >2,200 To 3,500, Deduct	*-1.27*	
		For >3,500, Deduct	*-1.57*	
		For Up To 15, Add	*0.89*	
		For >15 To 33, Add	*0.45*	
09 68 16 00-0016	SY	1/2" Thick, 8 Lb./CF, Bonded (Rebond) Polyurethane Foam Carpet Padding	13.59	2.94
		For >200 To 400, Deduct	*-0.18*	
		For >400 To 600, Deduct	*-0.27*	
		For >600 To 900, Deduct	*-0.52*	
		For >900 To 1,500, Deduct	*-0.77*	
		For >1,500 To 2,200, Deduct	*-1.14*	
		For >2,200 To 3,500, Deduct	*-1.48*	
		For >3,500, Deduct	*-1.82*	
		For Up To 15, Add	*0.89*	
		For >15 To 33, Add	*0.45*	

09 68 16 00-0017 Froth Polyurethane Foam Carpet Padding *(09 68 16 00-0002)*

09 68 16 00-0018	SY	0.175" Thick, 16 Lb./CF, Froth Polyurethane Foam Rubber Carpet Padding	20.01	2.94
		For >200 To 400, Deduct	*-0.31*	
		For >400 To 600, Deduct	*-0.47*	
		For >600 To 900, Deduct	*-0.84*	
		For >900 To 1,500, Deduct	*-1.22*	
		For >1,500 To 2,200, Deduct	*-1.78*	
		For >2,200 To 3,500, Deduct	*-2.28*	
		For >3,500, Deduct	*-2.78*	
		For Up To 15, Add	*0.89*	
		For >15 To 33, Add	*0.45*	
09 68 16 00-0019	SY	0.250" Thick, 12 Lb./CF, Froth Polyurethane Foam Rubber Carpet Padding	22.42	2.94
		For >200 To 400, Deduct	*-0.36*	
		For >400 To 600, Deduct	*-0.54*	
		For >600 To 900, Deduct	*-0.96*	
		For >900 To 1,500, Deduct	*-1.39*	
		For >1,500 To 2,200, Deduct	*-2.02*	
		For >2,200 To 3,500, Deduct	*-2.58*	
		For >3,500, Deduct	*-3.14*	
		For Up To 15, Add	*0.89*	
		For >15 To 33, Add	*0.45*	
09 68 16 00-0020	SY	0.250" Thick, 16 Lb./CF, Froth Polyurethane Foam Rubber Carpet Padding	24.27	2.94
		For >200 To 400, Deduct	*-0.40*	
		For >400 To 600, Deduct	*-0.59*	
		For >600 To 900, Deduct	*-1.06*	
		For >900 To 1,500, Deduct	*-1.52*	
		For >1,500 To 2,200, Deduct	*-2.20*	
		For >2,200 To 3,500, Deduct	*-2.81*	
		For >3,500, Deduct	*-3.42*	
		For Up To 15, Add	*0.89*	
		For >15 To 33, Add	*0.45*	

09 68 16 00-0021 Waffle Rubber Carpet Padding *(09 68 16 00-0002)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 16 00-0022	SY	3/8" Thick, 90 OZ/SY Waffle Rubber Carpet Padding	23.07	2.94
		For >200 To 400, Deduct	*-0.37*	
		For >400 To 600, Deduct	*-0.56*	
		For >600 To 900, Deduct	*-1.00*	
		For >900 To 1,500, Deduct	*-1.44*	
		For >1,500 To 2,200, Deduct	*-2.08*	
		For >2,200 To 3,500, Deduct	*-2.66*	
		For >3,500, Deduct	*-3.24*	
		For Up To 15, Add	*0.89*	
		For >15 To 33, Add	*0.45*	

09 68 16 00-0023 Flat Sponge Rubber Carpet Padding *(09 68 16 00-0002)*

09 68 16 00-0024	SY	0.156" Thick, 62 OZ/SY Flat Sponge Rubber Carpet Padding	13.72	2.94
		For >200 To 400, Deduct	*-0.19*	
		For >400 To 600, Deduct	*-0.28*	
		For >600 To 900, Deduct	*-0.53*	
		For >900 To 1,500, Deduct	*-0.78*	
		For >1,500 To 2,200, Deduct	*-1.15*	
		For >2,200 To 3,500, Deduct	*-1.49*	
		For >3,500, Deduct	*-1.84*	
		For Up To 15, Add	*0.89*	
		For >15 To 33, Add	*0.45*	
09 68 16 00-0025	SY	0.250" Thick, 68 OZ/SY Flat Sponge Rubber Carpet Padding	14.71	2.94
		For >200 To 400, Deduct	*-0.21*	
		For >400 To 600, Deduct	*-0.31*	
		For >600 To 900, Deduct	*-0.58*	
		For >900 To 1,500, Deduct	*-0.85*	
		For >1,500 To 2,200, Deduct	*-1.25*	
		For >2,200 To 3,500, Deduct	*-1.62*	
		For >3,500, Deduct	*-1.98*	
		For Up To 15, Add	*0.89*	
		For >15 To 33, Add	*0.45*	
09 68 16 00-0026	SY	0.250" Thick, 80 OZ/SY Flat Sponge Rubber Carpet Padding	15.44	2.94
		For >200 To 400, Deduct	*-0.22*	
		For >400 To 600, Deduct	*-0.33*	
		For >600 To 900, Deduct	*-0.62*	
		For >900 To 1,500, Deduct	*-0.90*	
		For >1,500 To 2,200, Deduct	*-1.32*	
		For >2,200 To 3,500, Deduct	*-1.71*	
		For >3,500, Deduct	*-2.09*	
		For Up To 15, Add	*0.89*	
		For >15 To 33, Add	*0.45*	
09 68 16 00-0027	SY	0.250" Thick, 100 OZ/SY Flat Sponge Rubber Carpet Padding	17.73	2.94
		For >200 To 400, Deduct	*-0.27*	
		For >400 To 600, Deduct	*-0.40*	
		For >600 To 900, Deduct	*-0.73*	
		For >900 To 1,500, Deduct	*-1.06*	
		For >1,500 To 2,200, Deduct	*-1.55*	
		For >2,200 To 3,500, Deduct	*-1.99*	
		For >3,500, Deduct	*-2.44*	
		For Up To 15, Add	*0.89*	
		For >15 To 33, Add	*0.45*	
09 68 16 00-0028	SY	0.370" Thick, 100 OZ/SY Flat Sponge Rubber Carpet Padding	17.92	2.94
		For >200 To 400, Deduct	*-0.27*	
		For >400 To 600, Deduct	*-0.40*	
		For >600 To 900, Deduct	*-0.74*	
		For >900 To 1,500, Deduct	*-1.08*	
		For >1,500 To 2,200, Deduct	*-1.57*	
		For >2,200 To 3,500, Deduct	*-2.02*	
		For >3,500, Deduct	*-2.47*	
		For Up To 15, Add	*0.89*	
		For >15 To 33, Add	*0.45*	

09 68 16 00-0029 Synthetic Fiber Carpet Padding *(09 68 16 00-0002)*

09 68 16 00-0030	SY	0.235" Thick, 20 OZ/SY Synthetic Fiber Carpet Padding	6.38	2.94
		For >200 To 400, Deduct	*-0.04*	
		For >400 To 600, Deduct	*-0.06*	
		For >600 To 900, Deduct	*-0.16*	
		For >900 To 1,500, Deduct	*-0.27*	
		For >1,500 To 2,200, Deduct	*-0.42*	
		For >2,200 To 3,500, Deduct	*-0.57*	
		For >3,500, Deduct	*-0.73*	
		For Up To 15, Add	*0.89*	
		For >15 To 33, Add	*0.45*	
09 68 16 00-0031	SY	0.235" Thick, 24 OZ/SY Synthetic Fiber Carpet Padding	7.88	2.94
		For >200 To 400, Deduct	*-0.07*	
		For >400 To 600, Deduct	*-0.10*	
		For >600 To 900, Deduct	*-0.24*	
		For >900 To 1,500, Deduct	*-0.37*	
		For >1,500 To 2,200, Deduct	*-0.57*	
		For >2,200 To 3,500, Deduct	*-0.76*	
		For >3,500, Deduct	*-0.96*	
		For Up To 15, Add	*0.89*	
		For >15 To 33, Add	*0.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 16 00-0032	SY	0.275" Thick, 28 OZ/SY Synthetic Fiber Carpet Padding	7.20	2.94
		For >200 To 400, Deduct	*-0.05*	
		For >400 To 600, Deduct	*-0.08*	
		For >600 To 900, Deduct	*-0.20*	
		For >900 To 1,500, Deduct	*-0.33*	
		For >1,500 To 2,200, Deduct	*-0.50*	
		For >2,200 To 3,500, Deduct	*-0.68*	
		For >3,500, Deduct	*-0.86*	
		For Up To 15, Add	*0.89*	
		For >15 To 33, Add	*0.45*	
09 68 16 00-0033	SY	0.300" Thick, 32 OZ/SY Synthetic Fiber Carpet Padding	7.45	2.94
		For >200 To 400, Deduct	*-0.06*	
		For >400 To 600, Deduct	*-0.09*	
		For >600 To 900, Deduct	*-0.22*	
		For >900 To 1,500, Deduct	*-0.34*	
		For >1,500 To 2,200, Deduct	*-0.52*	
		For >2,200 To 3,500, Deduct	*-0.71*	
		For >3,500, Deduct	*-0.89*	
		For Up To 15, Add	*0.89*	
		For >15 To 33, Add	*0.45*	
09 68 16 00-0034	SY	0.350" Thick, 40 OZ/SY Synthetic Fiber Carpet Padding	9.00	2.94
		For >200 To 400, Deduct	*-0.09*	
		For >400 To 600, Deduct	*-0.14*	
		For >600 To 900, Deduct	*-0.29*	
		For >900 To 1,500, Deduct	*-0.45*	
		For >1,500 To 2,200, Deduct	*-0.68*	
		For >2,200 To 3,500, Deduct	*-0.90*	
		For >3,500, Deduct	*-1.13*	
		For Up To 15, Add	*0.89*	
		For >15 To 33, Add	*0.45*	

09 68 16 00-0035 Double Stick Synthetic Fiber Carpet Padding *(09 68 16 00-0002)*

09 68 16 00-0036	SY	0.300" Thick, 32 OZ/SY Double Stick Synthetic Fiber Carpet Padding	9.48	2.94
		For >200 To 400, Deduct	*-0.10*	
		For >400 To 600, Deduct	*-0.15*	
		For >600 To 900, Deduct	*-0.32*	
		For >900 To 1,500, Deduct	*-0.49*	
		For >1,500 To 2,200, Deduct	*-0.73*	
		For >2,200 To 3,500, Deduct	*-0.96*	
		For >3,500, Deduct	*-1.20*	
		For Up To 15, Add	*0.89*	
		For >15 To 33, Add	*0.45*	
09 68 16 00-0037	SY	0.375" Thick, 40 OZ/SY Double Stick Synthetic Fiber Carpet Padding	10.68	2.94
		For >200 To 400, Deduct	*-0.12*	
		For >400 To 600, Deduct	*-0.19*	
		For >600 To 900, Deduct	*-0.38*	
		For >900 To 1,500, Deduct	*-0.57*	
		For >1,500 To 2,200, Deduct	*-0.85*	
		For >2,200 To 3,500, Deduct	*-1.11*	
		For >3,500, Deduct	*-1.38*	
		For Up To 15, Add	*0.89*	
		For >15 To 33, Add	*0.45*	

09 68 16 00-0038 Commercial Broadloom Carpet *(09 68 16)*

Note: Level-loop pile or textured-loop pile broadloom carpet.

09 68 16 00-0039 Non-Patterned Broadloom Carpet *(09 68 16 00-0038)*

09 68 16 00-0040	SY	22 Ounce, Medium Traffic, Non-Patterned, Nylon Broadloom Carpet	51.22	23.23
		For Up To 15, Add	*3.10*	
		For >15 To 33, Add	*1.55*	
		For >200 To 400, Deduct	*-0.71*	
		For >400 To 600, Deduct	*-1.07*	
		For >600 To 900, Deduct	*-2.02*	
		For >900, Deduct	*-2.97*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
		For Moisture Barrier Backing, Add	*3.50*	
09 68 16 00-0041	SY	24 Ounce, Medium Traffic, Non-Patterned, Nylon Broadloom Carpet	51.58	23.23
		For Up To 15, Add	*3.10*	
		For >15 To 33, Add	*1.55*	
		For >200 To 400, Deduct	*-0.72*	
		For >400 To 600, Deduct	*-1.08*	
		For >600 To 900, Deduct	*-2.04*	
		For >900, Deduct	*-2.99*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
		For Moisture Barrier Backing, Add	*3.50*	
09 68 16 00-0042	SY	26 Ounce, Medium Traffic, Non-Patterned, Nylon Broadloom Carpet	52.11	23.23
		For Up To 15, Add	*3.10*	
		For >15 To 33, Add	*1.55*	
		For >200 To 400, Deduct	*-0.73*	
		For >400 To 600, Deduct	*-1.10*	
		For >600 To 900, Deduct	*-2.06*	
		For >900, Deduct	*-3.03*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
		For Moisture Barrier Backing, Add	*3.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 16 00-0043	SY	28 Ounce, Medium Traffic, Non-Patterned, Nylon Broadloom Carpet	55.52	25.17
		For Up To 15, Add	*3.36*	
		For >15 To 33, Add	*1.68*	
		For >200 To 400, Deduct	*-0.77*	
		For >400 To 600, Deduct	*-1.16*	
		For >600 To 900, Deduct	*-2.19*	
		For >900, Deduct	*-3.22*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
		For Moisture Barrier Backing, Add	*3.50*	
09 68 16 00-0044	SY	30 Ounce, Medium Traffic, Non-Patterned, Nylon Broadloom Carpet	57.61	25.17
		For Up To 15, Add	*3.36*	
		For >15 To 33, Add	*1.68*	
		For >200 To 400, Deduct	*-0.82*	
		For >400 To 600, Deduct	*-1.22*	
		For >600 To 900, Deduct	*-2.29*	
		For >900, Deduct	*-3.36*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
		For Cut Pile Carpet, Add	*1.50*	
		For Moisture Barrier Backing, Add	*3.50*	
09 68 16 00-0045	SY	32 Ounce, Medium Traffic, Non-Patterned, Nylon Broadloom Carpet	59.21	25.17
		For Up To 15, Add	*3.36*	
		For >15 To 33, Add	*1.68*	
		For >200 To 400, Deduct	*-0.85*	
		For >400 To 600, Deduct	*-1.27*	
		For >600 To 900, Deduct	*-2.37*	
		For >900, Deduct	*-3.47*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
		For Cut Pile Carpet, Add	*1.50*	
		For Moisture Barrier Backing, Add	*3.50*	
09 68 16 00-0046	SY	34 Ounce, Medium Traffic, Non-Patterned, Nylon Broadloom Carpet	64.67	27.10
		For Up To 15, Add	*3.61*	
		For >15 To 33, Add	*1.81*	
		For >200 To 400, Deduct	*-0.93*	
		For >400 To 600, Deduct	*-1.40*	
		For >600 To 900, Deduct	*-2.60*	
		For >900, Deduct	*-3.80*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
		For Cut Pile Carpet, Add	*1.50*	
		For Moisture Barrier Backing, Add	*3.50*	
09 68 16 00-0047	SY	36 Ounce, Heavy Traffic, Non-Patterned, Nylon Broadloom Carpet	66.63	27.10
		For Up To 15, Add	*3.61*	
		For >15 To 33, Add	*1.81*	
		For >200 To 400, Deduct	*-0.97*	
		For >400 To 600, Deduct	*-1.46*	
		For >600 To 900, Deduct	*-2.70*	
		For >900, Deduct	*-3.94*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
		For Cut Pile Carpet, Add	*1.50*	
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	*2.00*	
		For Moisture Barrier Backing, Add	*3.50*	
09 68 16 00-0048	SY	38 Ounce, Heavy Traffic, Non-Patterned, Nylon Broadloom Carpet	68.82	27.10
		For Up To 15, Add	*3.61*	
		For >15 To 33, Add	*1.81*	
		For >200 To 400, Deduct	*-1.02*	
		For >400 To 600, Deduct	*-1.52*	
		For >600 To 900, Deduct	*-2.81*	
		For >900, Deduct	*-4.09*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
		For Cut Pile Carpet, Add	*1.50*	
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	*2.00*	
		For Moisture Barrier Backing, Add	*3.50*	

09 68 16 00-0049 Patterned Broadloom Carpet *(09 68 16 00-0038)*

Note: Patterned carpet has a definitive repeating pattern as defined by the manufacturer.

09 68 16 00-0050	SY	22 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet	53.31	23.23
		For Up To 15, Add	*3.41*	
		For >15 To 33, Add	*1.70*	
		For >200 To 400, Deduct	*-0.73*	
		For >400 To 600, Deduct	*-1.09*	
		For >600 To 900, Deduct	*-2.07*	
		For >900, Deduct	*-3.05*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
		For Moisture Barrier Backing, Add	*3.50*	
09 68 16 00-0051	SY	24 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet	53.67	23.23
		For Up To 15, Add	*3.41*	
		For >15 To 33, Add	*1.70*	
		For >200 To 400, Deduct	*-0.73*	
		For >400 To 600, Deduct	*-1.10*	
		For >600 To 900, Deduct	*-2.09*	
		For >900, Deduct	*-3.08*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
		For Moisture Barrier Backing, Add	*3.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 16 00-0052	SY	26 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet	54.21	23.23
		For Up To 15, Add	*3.41*	
		For >15 To 33, Add	*1.70*	
		For >200 To 400, Deduct	*-0.74*	
		For >400 To 600, Deduct	*-1.12*	
		For >600 To 900, Deduct	*-2.11*	
		For >900, Deduct	*-3.11*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
		For Moisture Barrier Backing, Add	*3.50*	
09 68 16 00-0053	SY	28 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet	57.78	25.17
		For Up To 15, Add	*3.69*	
		For >15 To 33, Add	*1.85*	
		For >200 To 400, Deduct	*-0.79*	
		For >400 To 600, Deduct	*-1.18*	
		For >600 To 900, Deduct	*-2.24*	
		For >900, Deduct	*-3.31*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
		For Moisture Barrier Backing, Add	*3.50*	
09 68 16 00-0054	SY	30 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet	59.90	25.17
		For Up To 15, Add	*3.69*	
		For >15 To 33, Add	*1.85*	
		For >200 To 400, Deduct	*-0.83*	
		For >400 To 600, Deduct	*-1.24*	
		For >600 To 900, Deduct	*-2.35*	
		For >900, Deduct	*-3.45*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
		For Cut Pile Carpet, Add	*1.50*	
		For Moisture Barrier Backing, Add	*3.50*	
09 68 16 00-0055	SY	32 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet	61.53	25.17
		For Up To 15, Add	*3.69*	
		For >15 To 33, Add	*1.85*	
		For >200 To 400, Deduct	*-0.86*	
		For >400 To 600, Deduct	*-1.29*	
		For >600 To 900, Deduct	*-2.43*	
		For >900, Deduct	*-3.57*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
		For Cut Pile Carpet, Add	*1.50*	
		For Moisture Barrier Backing, Add	*3.50*	
09 68 16 00-0056	SY	34 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet	67.18	27.10
		For Up To 15, Add	*3.98*	
		For >15 To 33, Add	*1.99*	
		For >200 To 400, Deduct	*-0.95*	
		For >400 To 600, Deduct	*-1.42*	
		For >600 To 900, Deduct	*-2.66*	
		For >900, Deduct	*-3.91*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
		For Cut Pile Carpet, Add	*1.50*	
		For Moisture Barrier Backing, Add	*3.50*	
09 68 16 00-0057	SY	36 Ounce, Heavy Traffic, Patterned, Nylon Broadloom Carpet	69.17	27.10
		For Up To 15, Add	*3.98*	
		For >15 To 33, Add	*1.99*	
		For >200 To 400, Deduct	*-0.99*	
		For >400 To 600, Deduct	*-1.48*	
		For >600 To 900, Deduct	*-2.76*	
		For >900, Deduct	*-4.05*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
		For Cut Pile Carpet, Add	*1.50*	
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	*2.00*	
		For Moisture Barrier Backing, Add	*3.50*	
09 68 16 00-0058	SY	38 Ounce, Heavy Traffic, Patterned, Nylon Broadloom Carpet	71.39	27.10
		For Up To 15, Add	*3.98*	
		For >15 To 33, Add	*1.99*	
		For >200 To 400, Deduct	*-1.03*	
		For >400 To 600, Deduct	*-1.55*	
		For >600 To 900, Deduct	*-2.87*	
		For >900, Deduct	*-4.20*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
		For Cut Pile Carpet, Add	*1.50*	
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	*2.00*	
		For Moisture Barrier Backing, Add	*3.50*	
09 68 16 00-0059		**Indoor/Outdoor Carpet** *(09 68 16)*		
		Note: Includes waterproof glue.		
09 68 16 00-0060	SY	Nylon Indoor/Outdoor Carpet	56.17	5.88
09 68 16 00-0061	SY	Ozite Indoor/Outdoor Carpet	42.83	5.88
09 68 16 00-0062		**Carpet Accessories** *(09 68 16)*		
09 68 16 00-0063	LF	Metal Carpet Saddle Strip, Up To 4" Wide	7.98	1.03
09 68 16 00-0064		**Removal And Reinstallation Of Carpet And Pad** *(09 68 16)*		
		Note: Includes storage, cleaning and supply materials.		
09 68 16 00-0065	SY	Removal And Reinstallation Of Carpet And Pad	32.71	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 16 00-0066		Carpeting Support Functions *(09 68 16)*		
09 68 16 00-0067		Relocate Partitions, Modular Workstations *(09 68 16 00-0066)*		
		Note: Includes disassembly and reassembly of workstation. Excludes electrical disconnection or reconnection.		
09 68 16 00-0068	EA	Relocate Modular Workstation	360.52	
09 68 16 00-0069		Installation Of Owner Provided Broadloom Carpet *(09 68 16)*		
09 68 16 00-0070	SY	Up To 24 Oz, Installation Of Owner Provided Broadloom Carpet	13.89	
		Note: Includes adhesive for glue-down or tack strip for padded installations.		
		For Up To 15, Add	*2.69*	
		For >15 To 33, Add	*1.35*	
09 68 16 00-0071	SY	>24 To 34 Oz, Installation Of Owner Provided Broadloom Carpet	16.14	
		Note: Includes adhesive for glue-down or tack strip for padded installations.		
		For Up To 15, Add	*3.14*	
		For >15 To 33, Add	*1.57*	
09 68 16 00-0072	SY	>34 Oz, Installation Of Owner Provided Broadloom Carpet	19.28	
		Note: Includes adhesive for glue-down or tack strip for padded installations.		
		For Up To 15, Add	*3.77*	
		For >15 To 33, Add	*1.89*	

09 69 Access Flooring *(09 60)*

09 69 13 Rigid-Grid Access Flooring *(09 69)*

09 69 13 00-0001		Panels, No Covering *(09 69 13)*		
09 69 13 00-0002	SF	2' x 2' Panels - No Covering Access And Pedestal Floors	18.76	1.03
		For Carpet Covering, Add	*2.77*	
		For Vinyl Floor Covering, Add	*1.91*	
09 69 13 00-0003	SF	2' x 2' Perforated Panels Access And Pedestal Floors	35.51	1.03
		For Carpet Covering, Add	*2.77*	
		For Vinyl Floor Covering, Add	*1.91*	
09 69 13 00-0004	SF	Tate 1250AS Panel Cover UTP Designer Plus Color Raf Blue 7153T	33.06	1.13
09 69 13 00-0005	SF	Tate 1250AS Panel Cover UTP Designer Plus Color Sage Brown 7777T	33.06	1.13
09 69 13 00-0006	SF	Tate 1250AS Panel Cover UTP Designer Plus Color Moondance 6808	33.06	1.13
09 69 13 00-0007	SF	Tate 1250AS Panel Cover UTP Designer Plus Color Mosaic 6280	33.06	1.13
09 69 13 00-0008	SF	Tate 1250AS Panel Cover HPL 1/8" Nevamar ST2-2 Beige Star/Brown Trim	31.25	1.13
09 69 13 00-0009	SF	Tate 1250AS Panel Cover HPL 1/8" Nevamar ST6-1 Gray Star/Black Trim	31.25	1.13
09 69 13 00-0010	SF	Tate Concore 1500 Panel Cover UTP Designer Plus Color Raf Blue 7153T	35.32	1.13
09 69 13 00-0011	SF	Tate Concore 1500 Panel Cover UTP Designer Plus Color Sage Brown 7777T	35.32	1.13
09 69 13 00-0012	SF	Tate Concore 1500 Panel Cover UTP Designer Plus Color Moondance 6808	35.32	1.13
09 69 13 00-0013	SF	Tate Concore 1500 Panel Cover UTP Designer Plus Color Mosaic 6280	35.32	1.13
09 69 13 00-0014	SF	Tate Concore 1500 Panel Cover HPL 1/8" Nevamar ST-2 Beige Star/Brown Trim	33.51	1.13
09 69 13 00-0015	SF	Tate Concore 1500 Panel Cover HPL 1/8" Nevamar ST6-1 Grey Star/Black Trim	33.51	1.13
09 69 13 00-0016	SF	Tate 1250AS Perforated 25% O/A Cover 1/8 " Nevamar HPL ST2-2 Beige Star Trim	42.52	1.13
09 69 13 00-0017	SF	Tate 1250AS Perforated 25% O/A Cover 1/8 " Nevamar HPL ST6-1 Gray Star Trim	42.52	1.13
09 69 13 00-0018		Pedestals *(09 69 13)*		
09 69 13 00-0019	EA	6" To 12" Finished Floor Height, Pedestal Assembly	40.34	5.15
09 69 13 00-0020	EA	8" To 12" Finished Floor Height, Pedestal Assembly	42.60	5.15
09 69 13 00-0021	EA	18" To 24" Finished Floor Height, Pedestal Assembly	43.74	5.15
09 69 13 00-0022	EA	30" To 36" Finished Floor Height, Pedestal Assembly	47.84	5.15
09 69 13 00-0023		Stringers *(09 69 13)*		
09 69 13 00-0024	EA	2' Bolted Stringers, Access And Pedestal Floors	20.63	6.18
09 69 13 00-0025	EA	4' Bolted Stringers, Access And Pedestal Floors	35.92	9.27
09 69 13 00-0026	EA	6' Bolted Stringers, Access And Pedestal Floors	56.77	15.45
09 69 13 00-0027		Understructure *(09 69 13)*		
09 69 13 00-0028	SF	Standard Bolted Stringer Understructure 8" Or 12" Finished Floor Height	6.87	1.54
09 69 13 00-0029	SF	Standard Bolted Stringer Understructure 18" Or 24" Finished Floor Height	7.40	1.54
09 69 13 00-0030	SF	Standard Bolted Stringer Understructure 30" Or 36" Finished Floor Height	8.81	1.54

09 69 53 Access Flooring Accessories *(09 69)*

09 69 53 00-0001		Accessories *(09 69 53)*		
09 69 53 00-0002	SF	Accessories, Ramp Assembly Access And Pedestal Floors	42.19	4.12
09 69 53 00-0003	LF	Accessories, Handrail Access And Pedestal Floors	68.04	7.21
09 69 53 00-0004	LF	Accessories, Fascia Plate Access And Pedestal Floors	27.42	7.21
09 69 53 00-0005	EA	Machine Cutouts	217.52	
09 69 53 00-0006	SF	Tate Tamp, Cover Step Master Slip Retard- Tile, Buckskin Or Slate	70.02	
09 69 53 00-0007	LF	Tate 2 Or 3 Riser Steps In Raised Floor System	168.02	0.51
		Note: Includes baffles, fascia plates trim and cover.		
09 69 53 00-0008	LF	Tate Handrail	133.10	3.40

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 69 53 00-0009	SF	Hammered Aluminum Finish Fascia Note: Includes trim angles and hardware (8", 12", 18", 24").	48.92	3.40
09 69 53 00-0010	EA	7" x 17" Lexan Floor Mounted Grille Note: Includes carpet trim to flush mount.	221.22	12.88
09 69 53 00-0011	EA	Cut Hole In Raised Floor And Trim With Black 1/2" Trim Material	49.91	
09 69 53 00-0012	EA	Cut Round Hole In Raised Floor And Trim Carpet Install 4" Plastic Insert (Gromtec#GT003)	49.91	
09 69 53 00-0013	EA	Rehab Panel (Any Brand, Weight) Carpet Cover Only - New UTP Carpet	64.81	2.06
09 69 53 00-0014	EA	Rehab Panel (Any Brand, Weight) Carpet Cover Only - New HPL	79.52	2.06
09 69 53 00-0015	EA	Rehab Panel (Any Brand, Weight) HPL Cover Only - With New HPL/WA Edge Trim	60.74	2.06
09 69 53 00-0016	EA	Rehab Panel (Any Brand, Weight) HPL Cover Only - With New HPL Top set Trim Edge	79.50	2.06
09 69 53 00-0017	EA	Flush Mounted Electrical Box (Including Cutting Hole Trim Carpet) P/N Telo-7018-4	218.50	12.88
09 69 53 00-0018	EA	Flush Mounted Telephone Box (Grey/Black/Communications) Note: Includes cut hole.	153.78	12.88
09 69 53 00-0019	EA	Flush Mounted Electrical Box (In Existing Hole) P/N Telo 7018-4	218.50	12.88
09 69 53 00-0020	EA	Flush Mounted Telephone Box (Grey/Black/Communications) (In Existing Hole) P/N Telo-7018-2	112.58	2.06
09 69 53 00-0021	EA	Removal And Reinstallation Of Flush Mounted Electrical, Telephone Or Communications Floor Box In Raised Floor	10.30	

09 69 53 00-0022 Final Cleaning For Computer Room Raised Floor System *(09 69 53)*
Note: Includes wipe dirt/dust from stringers and raised floor beneath raised floor. For new or existing systems.

09 69 53 00-0023	SF	Vacuum Raised Floor Carpet Panel, Wipe Dirt/Dust From Stringers And Floor Beneath Raised Floor	3.59	
09 69 53 00-0024	SF	Vacuum/Shampoo Raised Floor Carpet Panel, Wipe Dirt/Dust From Stringers And Floor Beneath	3.72	
09 69 53 00-0025	SF	Vacuum/Wet Mop Clean Raised Floor HPL Panel Wipe Dirt/Dust Stringers And Raised Floor	3.68	

09 70 Wall Finishes *(09)*

09 72 Wall Coverings *(09 70)*

09 72 13 Cork Wall Coverings *(09 72)*

09 72 13 00-0001 Cork Wall Covering *(09 72 13)*

09 72 13 00-0002	SF	1/8" Cork Wall Covering	5.28	0.85
09 72 13 00-0003	SF	1/4" Cork Wall Covering	6.72	0.85
09 72 13 00-0004	SF	1/2" Cork Wall Covering	7.87	0.85
09 72 13 00-0005	SF	3/4" Cork Wall Covering	11.23	0.85

09 72 16 Vinyl-Coated Fabric Wall Coverings *(09 72)*

09 72 16 13 Flexible Vinyl Wall Coverings *(09 72 16)*

09 72 16 13-0001 Vinyl Wall Coverings *(09 72 16 13)*
Note: Includes wall preparation adhesive, and sizing compound. Demolition includes the removal of wall covering and adhesive.

09 72 16 13-0002	SF	7 To 10 Oz/SY Vinyl Wall Covering	2.80	0.85
		For Owner Furnished Material, Deduct	*-1.47*	
09 72 16 13-0003	SF	11 To 14 Oz/SY Vinyl Wall Covering	3.57	0.85
		For Owner Furnished Material, Deduct	*-2.15*	
09 72 16 13-0004	SF	15 To 19 Oz/SY Vinyl Wall Covering	4.30	0.85
		For Owner Furnished Material, Deduct	*-2.69*	
09 72 16 13-0005	SF	20 To 25 Oz/SY Vinyl Wall Covering	4.89	0.85
		For Owner Furnished Material, Deduct	*-3.10*	
09 72 16 13-0006	SF	26 To 32 Oz/SY Vinyl Wall Covering	5.65	0.85
		For Owner Furnished Material, Deduct	*-3.78*	
09 72 16 13-0007	SF	33 To 38 Oz/SY Vinyl Wall Covering	6.73	0.85
		For Owner Furnished Material, Deduct	*-4.78*	

09 72 23 Wallpapering *(09 72)*

09 72 23 00-0001 Wallpaper Coverings *(09 72 23)*
Note: Includes wall preparation adhesive, and sizing compound. Demolition includes the removal of wall covering and adhesive.

09 72 23 00-0002	SF	Average Quality Wallpaper (Standard Grade)	2.14	1.13
09 72 23 00-0003	SF	High Quality Wallpaper (Designer Grade)	4.50	1.45
09 72 23 00-0004	SF	Textured Paintable Paper Installed On Ceiling	3.29	2.14

09 73 Wall Carpeting *(09 70)*

09 73 00 00-0001 Carpet Wall Covering *(09 73)*

09 73 00 00-0002	SY	28 Ounce, Nylon Carpet Wall Covering	49.10	25.80
09 73 00 00-0003	SY	32 Ounce, Nylon Carpet Wall Covering	50.36	25.80
09 73 00 00-0004	SY	34 Ounce, Nylon Carpet Wall Covering	54.44	27.78
09 73 00 00-0005	SY	35 Ounce, Nylon Carpet Wall Covering	57.59	27.78
09 73 00 00-0006	SY	36 Ounce, Nylon Carpet Wall Covering	60.85	27.78
09 73 00 00-0007	SY	38 Ounce, Nylon Carpet Wall Covering	62.37	27.78
09 73 00 00-0008	SY	40 Ounce, Nylon Carpet Wall Covering	64.99	30.01
09 73 00 00-0009	SY	42 Ounce, Nylon Carpet Wall Covering	67.86	30.01

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

09 74 Flexible Wood Sheets *(09 70)*

09 74 16 Flexible Wood Veneers *(09 74)*

09 74 16 00-0001 Flexible Wood Veneer *(09 74 16)*

09 74 16 00-0002	SF	1/32" Thick, Flexible Maple Wood Veneer	10.65	3.42
09 74 16 00-0003	SF	1/32" Thick, Flexible Oak Wood Veneer	10.89	3.42
09 74 16 00-0004	SF	1/32" Thick, Flexible Mahogany Wood Veneer	10.89	3.42
09 74 16 00-0005	SF	1/32" Thick, Flexible Birch Wood Veneer	11.12	3.42
09 74 16 00-0006	SF	1/32" Thick, Flexible Walnut Wood Veneer	12.32	3.42
09 74 16 00-0007	SF	1/32" Thick, Flexible Bamboo Wood Veneer	13.75	3.42
09 74 16 00-0008	SF	1/32" Thick, Flexible Fir Wood Veneer	15.42	3.42

09 74 16 00-0009 Flexible Exotic Wood Veneer *(09 74 16)*

09 74 16 00-0010	SF	1/32" Thick, Flexible Exotic Wood Veneer	19.56	3.42

09 78 Interior Wall Paneling *(09 70)*

09 78 13 Metal Interior Wall Paneling *(09 78)*

09 78 13 00-0001 Stainless Steel Wall Base *(09 78 13)*
Note: Grade CS304 with #4 satin polish

09 78 13 00-0002 22 Gauge Stainless Steel Wall Base *(09 78 13 00-0001)*

09 78 13 00-0003	LF	2" Height, 22 Gauge, Stainless Steel Straight Wall Base	12.06	2.56
09 78 13 00-0004	LF	4" Height, 22 Gauge, Stainless Steel Straight Wall Base	17.93	2.82
09 78 13 00-0005	LF	4-3/4" Height, 22 Gauge, Stainless Steel Straight Wall Base	20.01	2.82
09 78 13 00-0006	LF	6" Height, 22 Gauge, Stainless Steel Straight Wall Base	24.06	3.07
09 78 13 00-0007	LF	8" Height, 22 Gauge, Stainless Steel Straight Wall Base	30.17	3.41
09 78 13 00-0008	LF	2" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel Wall Base	13.60	2.56
09 78 13 00-0009	LF	4" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel Wall Base	19.39	2.82
09 78 13 00-0010	LF	4-3/4" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel Wall Base	21.45	2.82
09 78 13 00-0011	LF	6" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel Wall Base	25.31	3.07
09 78 13 00-0012	LF	8" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel Wall Base	31.44	3.41
09 78 13 00-0013	EA	2" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Inside Corner	33.47	5.12
09 78 13 00-0014	EA	4" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Inside Corner	42.52	5.64
09 78 13 00-0015	EA	4-3/4" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Inside Corner	45.65	5.64
09 78 13 00-0016	EA	6" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Inside Corner	51.66	6.15
09 78 13 00-0017	EA	8" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Inside Corner	61.15	6.84
09 78 13 00-0018	EA	2" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner	69.19	5.12
09 78 13 00-0019	EA	4" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner	78.35	5.64
09 78 13 00-0020	EA	4-3/4" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner	81.37	5.64
09 78 13 00-0021	EA	6" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner	87.49	6.15
09 78 13 00-0022	EA	8" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner	96.97	6.84
09 78 13 00-0023	EA	2" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	33.47	5.12
09 78 13 00-0024	EA	4" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	42.52	5.64
09 78 13 00-0025	EA	4-3/4" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	45.65	5.64
09 78 13 00-0026	EA	6" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	51.66	6.15
09 78 13 00-0027	EA	8" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	61.15	6.84
09 78 13 00-0028	EA	2" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	83.56	5.12
09 78 13 00-0029	EA	4" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	92.61	5.64
09 78 13 00-0030	EA	4-3/4" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	95.74	5.64
09 78 13 00-0031	EA	6" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	101.76	6.15
09 78 13 00-0032	EA	8" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	111.24	6.84

09 78 13 00-0033 16 Gauge Stainless Steel Wall Base *(09 78 13 00-0001)*

09 78 13 00-0034	LF	2" Height, 16 Gauge, Stainless Steel Straight Wall Base	20.97	2.56
09 78 13 00-0035	LF	4" Height, 16 Gauge, Stainless Steel Straight Wall Base	35.84	2.82
09 78 13 00-0036	LF	4-3/4" Height, 16 Gauge, Stainless Steel Straight Wall Base	41.17	2.82
09 78 13 00-0037	LF	6" Height, 16 Gauge, Stainless Steel Straight Wall Base	50.64	3.07
09 78 13 00-0038	LF	8" Height, 16 Gauge, Stainless Steel Straight Wall Base	67.45	3.41
09 78 13 00-0039	LF	2" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel Wall Base	22.41	2.56
09 78 13 00-0040	LF	4" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel Wall Base	37.24	2.82
09 78 13 00-0041	LF	4-3/4" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel Wall Base	42.19	2.82
09 78 13 00-0042	LF	6" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel Wall Base	52.08	3.07
09 78 13 00-0043	LF	8" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel Wall Base	67.07	3.41
09 78 13 00-0044	EA	2" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Inside Corner	46.80	5.12
09 78 13 00-0045	EA	4" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Inside Corner	69.29	5.64
09 78 13 00-0046	EA	4-3/4" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Inside Corner	77.20	5.64
09 78 13 00-0047	EA	6" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Inside Corner	91.76	6.15
09 78 13 00-0048	EA	8" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Inside Corner	114.68	6.84
09 78 13 00-0049	EA	2" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner	82.59	5.12
09 78 13 00-0050	EA	4" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner	105.07	5.64
09 78 13 00-0051	EA	4-3/4" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner	113.13	5.64
09 78 13 00-0052	EA	6" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner	127.58	6.15
09 78 13 00-0053	EA	8" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner	150.40	6.84
09 78 13 00-0054	EA	2" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	46.80	5.12
09 78 13 00-0055	EA	4" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	69.29	5.64

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 78 13 00-0056	EA	4-3/4" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	77.20	5.64
09 78 13 00-0057	EA	6" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	91.76	6.15
09 78 13 00-0058	EA	8" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	114.68	6.84
09 78 13 00-0059	EA	2" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	96.89	5.12
09 78 13 00-0060	EA	4" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	119.38	5.64
09 78 13 00-0061	EA	4-3/4" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	127.46	5.64
09 78 13 00-0062	EA	6" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	141.91	6.15
09 78 13 00-0063	EA	8" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	164.77	6.84

09 80 Acoustic Treatment *(09)*

09 81 Acoustic Insulation *(09 80)*

09 81 16 Acoustic Blanket Insulation *(09 81)*

09 81 16 00-0001 Sound Attenuation Fire Blankets (SAFB) *(09 81 16)*
Note: Mineral wool

09 81 16 00-0002 2.5 PCF Density, Sound Attenuation Fire Blankets (SAFB) *(09 81 16 00-0001)*

09 81 16 00-0003	SF	1-1/2" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	2.02	0.34
09 81 16 00-0004	SF	2" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	2.18	0.34
09 81 16 00-0005	SF	2-1/2" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	2.42	0.34
09 81 16 00-0006	SF	3" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	2.60	0.34
09 81 16 00-0007	SF	3-1/2" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	2.84	0.34
09 81 16 00-0008	SF	4" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	3.06	0.34
09 81 16 00-0009	SF	5" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	3.36	0.34
09 81 16 00-0010	SF	6" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	3.70	0.34

09 81 16 00-0011 4 PCF Density, Sound Attenuation Fire Blankets (SAFB) *(09 81 16 00-0001)*

09 81 16 00-0012	SF	1" Thick, 4 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	1.97	0.34

09 81 16 00-0013 Sound Attenuation Batts *(09 81 16)*
Note: NoiseReducer® by Certainteed, Quitezone® by Owens Corning, Sound-Shield® by Johns Mansville.

09 81 16 00-0014	SF	2-1/2" Thick, Unfaced Sound Attenuation Batt	1.72	0.45
09 81 16 00-0015	SF	3-1/2" Thick, Unfaced Sound Attenuation Batt	1.91	0.45
09 81 16 00-0016	SF	3-1/2" Thick, Kraft Faced Sound Attenuation Batt	2.06	0.45
09 81 16 00-0017	SF	5-1/2" Thick, Unfaced Sound Attenuation Batt	2.45	0.45
09 81 16 00-0018	SF	5-1/2" Thick, Kraft Faced Sound Attenuation Batt	2.57	0.45
09 81 16 00-0019	SF	6-1/4" Thick, Unfaced Sound Attenuation Batt	2.54	0.45
09 81 16 00-0020	SF	6-1/4" Thick, Kraft Faced Sound Attenuation Batt	2.67	0.45

09 84 Acoustic Room Components *(09 80)*

09 84 13 Fixed Sound-Absorptive Panels *(09 84)*

09 84 13 00-0001 Sound Absorbing Panels And Attenuation Blankets *(09 84 13)*
Note: No backs, 3" thick modular, ceiling or wall hung back. Excludes ceiling suspension systems and wall furring system.

09 84 13 00-0002	SF	3" Thick Perforated Steel Sound Absorbing Panel Painted, No Back With Fiberglass Or Mineral Filler	13.25	2.27
09 84 13 00-0003	SF	1" Thick Fiberglass Sound Absorbing Panels With Glass Cloth Face For Walls	19.74	2.27

09 84 13 00-0004 Sound Absorbing Acoustical Wall Panel System *(09 84 13)*

09 84 13 00-0005 Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak®) *(09 84 13 00-0004)*
Note: Includes tackable surface, molding and mounting hardware for flush mount.

09 84 13 00-0006	SF	5/8" Panel Thickness, Vinyl Surface, Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 Signature Vinyl)	14.88	2.56
09 84 13 00-0007	SF	3/4" Panel Thickness, Composed Fabric Surface (Non-Woven), Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 Rhythms®)	13.72	2.56
09 84 13 00-0008	SF	3/4" Panel Thickness, Woven Fabric Surface, Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 FR-701)	17.36	2.56
09 84 13 00-0009	SF	3/4" Panel Thickness, Woven Fabric Surface, Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 Lido™)	17.39	2.56
09 84 13 00-0010	SF	3/4" Panel Thickness, Woven Fabric Surface, Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 Spinel™)	19.23	2.56
09 84 13 00-0011	SF	3/4" Panel Thickness, Woven Fabric Surface, Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 Zirconia™)	19.23	2.56

09 84 13 00-0012 Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak®) *(09 84 13 00-0004)*
Note: Includes molding and mounting hardware for flush mount.

09 84 13 00-0013	SF	1" Panel Thickness, Composed Fabric Surface (Non-Woven), Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 85 Rhythms®)	17.41	2.56
09 84 13 00-0014	SF	1" Panel Thickness, Woven Fabric Surface, Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 85 FR-701)	20.41	2.56

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 84 13 00-0015	SF	1" Panel Thickness, Woven Fabric Surface, Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 85 Lido™)	20.41	2.56
09 84 13 00-0016	SF	1" Panel Thickness, Woven Fabric Surface, Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 85 Spinel™)	23.40	2.56
09 84 13 00-0017	SF	1" Panel Thickness, Woven Fabric Surface, Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 85 Zirconia™)	23.40	2.56

09 84 13 00-0018 Sound Absorbing Panel, Eggcrate Style *(09 84 13)*

Note: Ceiling or wall hung back.

09 84 13 00-0019	SF	2" Thick Polyurethane Sound Wave (Eggcrate Style)	12.80	
		For Pyramid Style, Add	*1.18*	
09 84 13 00-0020	SF	3" Thick Polyurethane Sound Wave (Eggcrate Style)	17.44	
		For Pyramid Style, Add	*1.18*	
09 84 13 00-0021	SF	4" Thick Polyurethane Sound Wave (Eggcrate Style)	23.50	
		For Pyramid Style, Add	*1.18*	
09 84 13 00-0022	SF	2" Thick Melamine Sound Wave (Eggcrate Style)	17.52	
		For Eggcrate Style With Hypalon Coating, Add	*1.97*	
		For Pyramid Style, Add	*2.05*	
		For Pyramid Style With Hypalon Coating, Add	*4.02*	
09 84 13 00-0023	SF	3" Thick Melamine Sound Wave (Eggcrate Style)	27.96	
		For Eggcrate Style With Hypalon Coating, Add	*1.97*	
		For Pyramid Style, Add	*0.42*	
		For Pyramid Style With Hypalon Coating, Add	*2.40*	
09 84 13 00-0024	SF	4" Thick Melamine Sound Wave (Eggcrate Style)	35.73	
		For Eggcrate Style With Hypalon Coating, Add	*1.97*	
		For Pyramid Style, Add	*0.42*	
		For Pyramid Style With Hypalon Coating, Add	*2.40*	

09 84 13 00-0025 Sound Deadening Fiberboard *(09 84 13)*

09 84 13 00-0026	SF	1/2" Sound Deadening Fiberboard	1.54	0.57
		For Horizontal Installation Up To 10' High, Add	*0.35*	
		For Horizontal Installation >10' High, Add	*0.52*	
		For Walls >10' High, Add	*0.08*	
		For Up To 128, Add	*0.52*	
		For >128 To 320, Add	*0.31*	

09 90 Painting and Coating *(09)*

Note: Includes masking, safety signs, cleaning of area (dry wiping down walls, floors, doors, etc.), removal of loose paint (paint, caulk, etc.), feathering rough edges, sanding between coats, protective work to contain dust and paint splatters (drop cloths), unless otherwise noted, removal and reinstallation of cabinet hardware, switch covers and outlet plates, equipment to place paint and ladders. New construction work additionally includes filling knots, divots, depressions, holes (screw and nail holes in drywall to 1/4" diameter of unlimited quantity). All work designated as "brush/roller" includes brush work for cut and roller work up to cut in. See CSI section 07 92 00 00-0000 for caulking where required, 09 01 20 00-0000 for severely damaged surface preparation in excess of items included above, hand scrape, pressure washing and chemical cleaning where required.

09 91 Painting *(09 90)*

09 91 13 Exterior Painting *(09 91)*

Note: Acrylic latex paint unless otherwise stated. Paint tasks covers all paint sheens: flat, eggshell, satin, semi-gloss, or gloss.

09 91 13 00-0001 Paint Exterior Walls/Siding *(09 91 13)*

09 91 13 00-0002 Paint Exterior Brick Walls *(09 91 13 00-0001)*

09 91 13 00-0003	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Brick Walls	0.24	
		For Work >20' To 30' Above Floor, Add	*0.05*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.15*	
		For >100 To 250, Add	*0.07*	
		For >250 To 500, Add	*0.03*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.04*	
		For >20,000, Deduct	*-0.05*	
		For Oil Based Paint, Add	*0.01*	
		For Work >15' To 20' Above Floor, Add	*0.03*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0004	SF	1 Coat Filler, Brush Work, Paint Exterior Brick Walls	1.04	
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.61*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0005	SF	1 Coat Paint, Brush Work, Paint Exterior Brick Walls	1.45	
		For Work >20' To 30' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.90*	
		For >100 To 250, Add	*0.43*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.22*	
		For >20,000, Deduct	*-0.29*	
		For Oil Based Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.45*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.62*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0006	SF	2 Coats Paint, Brush Work, Paint Exterior Brick Walls	2.17	
		For Work >20' To 30' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.24*	
		For >100 To 250, Add	*0.60*	
		For >250 To 500, Add	*0.26*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.22*	
		For >10,000 To 20,000, Deduct	*-0.33*	
		For >20,000, Deduct	*-0.43*	
		For Oil Based Paint, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.61*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.84*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0007	SF	1 Coat Filler, Brush/Roller Work, Paint Exterior Brick Walls	0.74	
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.39*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0008	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Brick Walls	1.19	
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.64*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0009	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Brick Walls	1.81	
		For Work >20' To 30' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.91*	
		For >100 To 250, Add	*0.45*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.27*	
		For >20,000, Deduct	*-0.36*	
		For Oil Based Paint, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.59*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0010	SF	1 Coat Filler, Sprayed, Paint Exterior Brick Walls	0.73	
		For Work >20' To 30' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.36*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0011	SF	1 Coat Paint, Sprayed, Paint Exterior Brick Walls	0.78	
		For Work >20' To 30' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.31*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.05*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0012	SF	2 Coats Paint, Sprayed, Paint Exterior Brick Walls	1.63	
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.75*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.33*	
		For Oil Based Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 40'.		

09 91 13 00-0013 Paint Exterior Concrete Walls *(09 91 13 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0014	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Concrete Walls	0.15	
		For Work >20' To 30' Above Floor, Add	*0.03*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.09*	
		For >100 To 250, Add	*0.05*	
		For >250 To 500, Add	*0.02*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.02*	
		For >20,000, Deduct	*-0.03*	
		For Oil Based Paint, Add	*0.01*	
		For Epoxy Paint, Add	*0.02*	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.05*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0015	SF	1 Coat Filler, Brush Work, Paint Exterior Concrete Walls	0.88	
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.18*	
		For Oil Based Paint, Add	*0.06*	
		For Epoxy Paint, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0016	SF	1 Coat Filler, Brush Work, Paint Exterior Concrete Walls	0.92	
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.58*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
		For Oil Based Paint, Add	*0.06*	
		For Epoxy Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0017	SF	2 Coats Paint, Brush Work, Paint Exterior Concrete Walls	1.76	
		For Work >20' To 30' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.10*	
		For >100 To 250, Add	*0.52*	
		For >250 To 500, Add	*0.23*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.26*	
		For >20,000, Deduct	*-0.35*	
		For Oil Based Paint, Add	*0.11*	
		For Epoxy Paint, Add	*0.20*	
		For Work >15' To 20' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.56*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.76*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0018	SF	1 Coat Filler, Brush/Roller Work, Paint Exterior Concrete Walls	0.73	
		For Work >20' To 30' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.41*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0019	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Concrete Walls	0.79	
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0020	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Concrete Walls	1.36	
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.80*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.27*	
		For Oil Based Paint, Add	*0.09*	
		For Epoxy Paint, Add	*0.18*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.54*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0021	SF	1 Coat Filler, Sprayed, Paint Exterior Concrete Walls	0.67	
		For Work >20' To 30' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.33*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0022	SF	1 Coat Paint, Sprayed, Paint Exterior Concrete Walls	0.60	
		For Work >20' To 30' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.31*	
		For >100 To 250, Add	*0.15*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0023	SF	2 Coats Paint, Sprayed, Paint Exterior Concrete Walls	1.06	
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
		For Oil Based Paint, Add	*0.08*	
		For Epoxy Paint, Add	*0.19*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0024		Paint Exterior Concrete Block Walls *(09 91 13 00-0001)*		
09 91 13 00-0025		Paint Exterior Concrete Block Walls, Epoxy Paint *(09 91 13 00-0024)*		
09 91 13 00-0026	LF	1 Coat Epoxy Paint, Cut-in Brush Work, Paint Exterior Concrete Block Walls	0.23	
		For Work >20' To 30' Above Floor, Add	*0.04*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.13*	
		For >100 To 250, Add	*0.06*	
		For >250 To 500, Add	*0.03*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.03*	
		For >20,000, Deduct	*-0.05*	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0027	SF	1 Coat Epoxy Filler, Brush Work, Paint Exterior Concrete Block Walls	1.26	
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.69*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.25*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0028	SF	1 Coat Epoxy Paint, Brush Work, Paint Exterior Concrete Block Walls	1.43	
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.82*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.29*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.56*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0029	SF	2 Coats Epoxy Paint, Brush Work, Paint Exterior Concrete Block Walls	2.52	
		For Work >20' To 30' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.39*	
		For >100 To 250, Add	*0.67*	
		For >250 To 500, Add	*0.30*	
		For >2,500 To 5,000, Deduct	*-0.13*	
		For >5,000 To 10,000, Deduct	*-0.25*	
		For >10,000 To 20,000, Deduct	*-0.38*	
		For >20,000, Deduct	*-0.50*	
		For Work >15' To 20' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.68*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.93*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0030	SF	1 Coat Epoxy Filler, Brush/Roller Work, Paint Exterior Concrete Block Walls	1.06	
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0031	SF	1 Coat Epoxy Paint, Brush/Roller Work, Paint Exterior Concrete Block Walls	1.16	
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.62*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0032	SF	2 Coats Epoxy Paint, Brush/Roller Work, Paint Exterior Concrete Block Walls	2.09	
		For Work >20' To 30' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.07*	
		For >100 To 250, Add	*0.52*	
		For >250 To 500, Add	*0.23*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.31*	
		For >20,000, Deduct	*-0.42*	
		For Work >15' To 20' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.50*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.69*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0033	SF	1 Coat Epoxy Filler, Sprayed, Paint Exterior Concrete Block Walls	0.91	
		For Work >20' To 30' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
		For Work >15' To 20' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0034	SF	1 Coat Epoxy Paint, Sprayed, Paint Exterior Concrete Block Walls	1.00	
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0035	SF	2 Coats Epoxy Paint, Sprayed, Paint Exterior Concrete Block Walls	1.95	
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.83*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.29*	
		For >20,000, Deduct	*-0.39*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.49*	
		Note: Applied only to work area above 40'.		

09 91 13 00-0036 Paint Exterior Concrete Block Walls, Acrylic Latex Paint *(09 91 13 00-0024)*

09 91 13 00-0037	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Concrete Block Walls	0.22	
		For Work >20' To 30' Above Floor, Add	*0.04*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.13*	
		For >100 To 250, Add	*0.06*	
		For >250 To 500, Add	*0.03*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.03*	
		For >20,000, Deduct	*-0.04*	
		For Oil Based Paint, Add	*0.01*	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0038	SF	1 Coat Filler, Brush Work, Paint Exterior Concrete Block Walls	1.12	
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.67*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.22*	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0039	SF	1 Coat Paint, Brush Work, Paint Exterior Concrete Block Walls	1.34	
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.78*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.27*	
		For Oil Based Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0040	SF	2 Coats Paint, Brush Work, Paint Exterior Concrete Block Walls	2.48	
		For Work >20' To 30' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.42*	
		For >100 To 250, Add	*0.68*	
		For >250 To 500, Add	*0.30*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.25*	
		For >10,000 To 20,000, Deduct	*-0.37*	
		For >20,000, Deduct	*-0.50*	
		For Oil Based Paint, Add	*0.16*	
		For Work >15' To 20' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.70*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.96*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0041	SF	1 Coat Texture Paint, Brush Work, Paint Exterior Concrete Block Walls	1.50	
		For Work >20' To 30' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.87*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.30*	
		For Oil Based Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.59*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0042	SF	1 Coat Filler, Brush/Roller Work, Paint Exterior Concrete Block Walls	0.91	
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0043	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Concrete Block Walls	1.16	
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.65*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0044	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Concrete Block Walls	2.03	
		For Work >20' To 30' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.08*	
		For >100 To 250, Add	*0.53*	
		For >250 To 500, Add	*0.23*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.30*	
		For >20,000, Deduct	*-0.41*	
		For Oil Based Paint, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.52*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.71*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0045	SF	1 Coat Texture Paint, Brush/Roller Work, Paint Exterior Concrete Block Walls	1.30	
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.72*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.26*	
		For Oil Based Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0046	SF	1 Coat Filler, Sprayed, Paint Exterior Concrete Block Walls	0.92	
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0047	SF	1 Coat Paint, Sprayed, Paint Exterior Concrete Block Walls	0.99	
		For Work >20' To 30' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0048	SF	2 Coats Paint, Sprayed, Paint Exterior Concrete Block Walls	1.48	
		For Work >20' To 30' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.77*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.22*	
		For >20,000, Deduct	*-0.30*	
		For Oil Based Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.51*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0049	SF	1 Coat Texture Paint, Sprayed, Paint Exterior Concrete Block Walls	1.25	
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.61*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.25*	
		For Oil Based Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 40'.		

09 91 13 00-0050 Paint Exterior Drywall/Plaster Walls *(09 91 13 00-0001)*

09 91 13 00-0051	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Drywall/Plaster Walls	0.16	
		For Work >20' To 30' Above Floor, Add	*0.03*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.10*	
		For >100 To 250, Add	*0.05*	
		For >250 To 500, Add	*0.02*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.02*	
		For >20,000, Deduct	*-0.03*	
		For Oil Based Paint, Add	*0.01*	
		For Epoxy Paint, Add	*0.02*	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.05*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0052	SF	1 Coat Primer, Brush Work, Paint Exterior Drywall/Plaster Wall	0.90	
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
		For Oil Based Paint, Add	*0.06*	
		For Orange Peel Finish, Add	*0.12*	
		For Epoxy Paint, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0053	SF	1 Coat Paint, Brush Work, Paint Exterior Drywall/Plaster Walls	0.95	
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
		For Oil Based Paint, Add	*0.06*	
		For Orange Peel Finish, Add	*0.13*	
		For Epoxy Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0054	SF	2 Coats Paint, Brush Work, Paint Exterior Drywall/Plaster Walls	1.77	
		For Work >20' To 30' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.11*	
		For >100 To 250, Add	*0.53*	
		For >250 To 500, Add	*0.23*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.27*	
		For >20,000, Deduct	*-0.35*	
		For Oil Based Paint, Add	*0.11*	
		For Orange Peel Finish, Add	*0.24*	
		For Epoxy Paint, Add	*0.20*	
		For Work >15' To 20' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.56*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.77*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0055	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Drywall/Plaster Walls	0.73	
		For Work >20' To 30' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.41*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
		For Oil Based Paint, Add	*0.05*	
		For Orange Peel Finish, Add	*0.09*	
		For Epoxy Paint, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0056	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Drywall/Plaster Walls	0.71	
		For Work >20' To 30' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.42*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	
		For Oil Based Paint, Add	*0.04*	
		For Orange Peel Finish, Add	*0.09*	
		For Epoxy Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0057	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Drywall/Plaster Walls	1.33	
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.78*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.27*	
		For Oil Based Paint, Add	*0.09*	
		For Orange Peel Finish, Add	*0.18*	
		For Epoxy Paint, Add	*0.18*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0058	SF	1 Coat Primer, Sprayed, Paint Exterior Drywall/Plaster Walls	0.66	
		For Work >20' To 30' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.33*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0059	SF	1 Coat Paint, Sprayed, Paint Exterior Drywall/Plaster Walls	0.69	
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.14*	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0060	SF	2 Coats Paint, Sprayed, Paint Exterior Drywall/Plaster Walls	1.15	
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
		For Oil Based Paint, Add	*0.08*	
		For Epoxy Paint, Add	*0.20*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 40'.		

09 91 13 00-0061 Paint Exterior Metal Walls *(09 91 13 00-0001)*

09 91 13 00-0062 Paint Exterior Galvanized Walls *(09 91 13 00-0061)*

Note: Linseed oil or acrylic latex paint.

09 91 13 00-0063	SF	1 Coat Primer, Brush Work, Paint Exterior Galvanized Wall Surfaces	1.13	
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.63*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0064	SF	1 Coat Paint, Brush Work, Paint Exterior Galvanized Wall Surfaces	1.23	
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.70*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.25*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0065	SF	2 Coats Paint, Brush Work, Paint Exterior Galvanized Wall Surfaces	2.26	
		For Work >20' To 30' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.25*	
		For >100 To 250, Add	*0.60*	
		For >250 To 500, Add	*0.26*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.23*	
		For >10,000 To 20,000, Deduct	*-0.34*	
		For >20,000, Deduct	*-0.45*	
		For Work >15' To 20' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.60*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.83*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0066	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Galvanized Walls	0.85	
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0067	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Galvanized Walls	0.97	
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.19*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0068	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Galvanized Walls	1.83	
		For Work >20' To 30' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.99*	
		For >100 To 250, Add	*0.48*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.27*	
		For >20,000, Deduct	*-0.37*	
		For Work >15' To 20' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.65*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0069	SF	1 Coat Primer, Sprayed, Paint Exterior Galvanized Walls	0.77	
		For Work >20' To 30' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.32*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.15*	
		For Work >15' To 20' Above Floor, Add	*0.05*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0070	SF	1 Coat Paint, Sprayed, Paint Exterior Galvanized Walls	0.98	
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0071	SF	2 Coats Paint, Sprayed, Paint Exterior Galvanized Walls	1.67	
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.74*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.25*	
		For >20,000, Deduct	*-0.33*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.45*	
		Note: Applied only to work area above 40'.		

09 91 13 00-0072 Paint Exterior Aluminum And Aluminum Alloy Walls *(09 91 13 00-0061)*

Note: Alkyd enamel paint.

09 91 13 00-0073	SF	1 Coat Primer, Brush Work, Paint Exterior Aluminum And Aluminum Alloy Wall Surfaces	1.13	
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.63*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0074	SF	1 Coat Paint, Brush Work, Paint Exterior Aluminum And Aluminum Alloy Wall Surfaces	1.23	
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.70*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.25*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0075	SF	2 Coats Paint, Brush Work, Paint Exterior Aluminum And Aluminum Alloy Wall Surfaces	2.25	
		For Work >20' To 30' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.24*	
		For >100 To 250, Add	*0.60*	
		For >250 To 500, Add	*0.26*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.23*	
		For >10,000 To 20,000, Deduct	*-0.34*	
		For >20,000, Deduct	*-0.45*	
		For Work >15' To 20' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.60*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.83*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0076	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Aluminum And Aluminum Alloy Walls	0.97	
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.19*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0077	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Aluminum And Aluminum Alloy Walls	1.08	
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.55*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.22*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0078	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Aluminum And Aluminum Alloy Walls	2.05	
		For Work >20' To 30' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.02*	
		For >100 To 250, Add	*0.50*	
		For >250 To 500, Add	*0.22*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.31*	
		For >20,000, Deduct	*-0.41*	
		For Work >15' To 20' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.65*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0079	SF	1 Coat Primer, Sprayed, Paint Exterior Aluminum And Aluminum Alloy Walls	0.84	
		For Work >20' To 30' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.37*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
		For Work >15' To 20' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0080	SF	1 Coat Paint, Sprayed, Paint Exterior Aluminum And Aluminum Alloy Walls	0.98	
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0081	SF	2 Coats Paint, Sprayed, Paint Exterior Aluminum And Aluminum Alloy Walls	1.67	
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.74*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.25*	
		For >20,000, Deduct	*-0.33*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.45*	
		Note: Applied only to work area above 40'.		

09 91 13 00-0082 Paint Exterior Aluminum And Aluminum Alloy Roof Stacks *(09 91 13 00-0061)*

09 91 13 00-0083	LF	1 Coat Primer, Paint Exterior Aluminum And Aluminum Alloy Roof Stack With Heat Resistant Paint, Per LF Of Stack	14.38	
		For Work >20' To 30' Above Floor, Add	*3.06*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*9.50*	
		For >100 To 250, Add	*4.50*	
		For >250 To 500, Add	*1.94*	
		For >2,500 To 5,000, Deduct	*-0.72*	
		For >5,000 To 10,000, Deduct	*-1.44*	
		For >10,000 To 20,000, Deduct	*-2.16*	
		For >20,000, Deduct	*-2.88*	
		For Work >15' To 20' Above Floor, Add	*1.84*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*4.90*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*6.73*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0084	LF	1 Coat Paint, Paint Exterior Aluminum And Aluminum Alloy Roof Stack With Heat Resistant Paint, Per LF Of Stack	16.00	
		For Work >20' To 30' Above Floor, Add	*3.40*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*10.55*	
		For >100 To 250, Add	*5.00*	
		For >250 To 500, Add	*2.16*	
		For >2,500 To 5,000, Deduct	*-0.80*	
		For >5,000 To 10,000, Deduct	*-1.60*	
		For >10,000 To 20,000, Deduct	*-2.40*	
		For >20,000, Deduct	*-3.20*	
		For Work >15' To 20' Above Floor, Add	*2.04*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*5.44*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*7.47*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0085	LF	2 Coats Paint, Paint Exterior Aluminum And Aluminum Alloy Roof Stack With Heat Resistant Paint, Per LF Of Stack	29.84	
		For Work >20' To 30' Above Floor, Add	*6.39*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*19.81*	
		For >100 To 250, Add	*9.37*	
		For >250 To 500, Add	*4.05*	
		For >2,500 To 5,000, Deduct	*-1.49*	
		For >5,000 To 10,000, Deduct	*-2.98*	
		For >10,000 To 20,000, Deduct	*-4.48*	
		For >20,000, Deduct	*-5.97*	
		For Work >15' To 20' Above Floor, Add	*3.83*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*10.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*14.05*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

09 91 13 00-0086 Paint Exterior Corrugated Metal Walls *(09 91 13 00-0061)*

09 91 13 00-0087	SF	1 Coat Primer, Sprayed, Paint Exterior Corrugated Metal Walls	0.95	
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.42*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0088	SF	1 Coat Paint, Sprayed, Paint Exterior Corrugated Metal Walls	1.21	
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.61*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0089	SF	2 Coats Paint, Sprayed, Paint Exterior Corrugated Metal Walls	2.08	
		For Work >20' To 30' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.97*	
		For >100 To 250, Add	*0.48*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.31*	
		For >20,000, Deduct	*-0.42*	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.60*	
		Note: Applied only to work area above 40'.		

09 91 13 00-0090 Paint Exterior Stucco Walls *(09 91 13 00-0001)*

09 91 13 00-0091	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Stucco Wall Surfaces	0.26	
		For Work >20' To 30' Above Floor, Add	*0.05*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.17*	
		For >100 To 250, Add	*0.08*	
		For >250 To 500, Add	*0.03*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 20,000, Deduct	*-0.04*	
		For >20,000, Deduct	*-0.05*	
		For Oil Based Paint, Add	*0.02*	
		For Work >15' To 20' Above Floor, Add	*0.03*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0092	SF	1 Coat Primer, Brush Work, Paint Exterior Stucco Wall Surfaces	1.47	
		For Work >20' To 30' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.93*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.22*	
		For >20,000, Deduct	*-0.29*	
		For Oil Based Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.65*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0093	SF	1 Coat Paint, Brush Work, Paint Exterior Stucco Wall Surfaces	1.62	
		For Work >20' To 30' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.02*	
		For >100 To 250, Add	*0.49*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.32*	
		For Oil Based Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.52*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.72*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0094	SF	2 Coats Paint, Brush Work, Paint Exterior Stucco Wall Surfaces	3.02	
		For Work >20' To 30' Above Floor, Add	*0.59*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.88*	
		For >100 To 250, Add	*0.89*	
		For >250 To 500, Add	*0.39*	
		For >2,500 To 5,000, Deduct	*-0.15*	
		For >5,000 To 10,000, Deduct	*-0.30*	
		For >10,000 To 20,000, Deduct	*-0.45*	
		For >20,000, Deduct	*-0.60*	
		For Oil Based Paint, Add	*0.18*	
		For Work >15' To 20' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.95*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.30*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0095	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Stucco Walls	1.14	
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.69*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0096	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Stucco Walls	1.28	
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.77*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.26*	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0097	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Stucco Walls	2.39	
		For Work >20' To 30' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.40*	
		For >100 To 250, Add	*0.67*	
		For >250 To 500, Add	*0.29*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.24*	
		For >10,000 To 20,000, Deduct	*-0.36*	
		For >20,000, Deduct	*-0.48*	
		For Oil Based Paint, Add	*0.15*	
		For Work >15' To 20' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.70*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.96*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0098	SF	1 Coat Primer, Sprayed, Paint Exterior Stucco Walls	0.89	
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.18*	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0099	SF	1 Coat Paint, Sprayed, Paint Exterior Stucco Walls	1.11	
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.58*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.22*	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0100	SF	2 Coats Paint, Sprayed, Paint Exterior Stucco Walls	2.12	
		For Work >20' To 30' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.15*	
		For >100 To 250, Add	*0.56*	
		For >250 To 500, Add	*0.24*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.32*	
		For >20,000, Deduct	*-0.42*	
		For Oil Based Paint, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.55*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.76*	
		Note: Applied only to work area above 40'.		

09 91 13 00-0101 Paint Exterior Wood Siding *(09 91 13 00-0001)*

09 91 13 00-0102 Paint Exterior Smooth Wood Siding *(09 91 13 00-0101)*
Note: Includes tongue and groove, beveled, drop or board and batten siding.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0103	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Wood Smooth Siding	0.22	
		For Work >20' To 30' Above Floor, Add	*0.04*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.14*	
		For >100 To 250, Add	*0.06*	
		For >250 To 500, Add	*0.03*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.03*	
		For >20,000, Deduct	*-0.04*	
		For Oil Based Paint, Add	*0.01*	
		For Work >15' To 20' Above Floor, Add	*0.03*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0104	SF	1 Coat Primer, Brush Work, Paint Exterior Wood Smooth Siding	1.26	
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.75*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.25*	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.52*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0105	SF	1 Coat Paint, Brush Work, Paint Exterior Wood Smooth Siding	1.32	
		For Work >20' To 30' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.82*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.26*	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.57*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0106	SF	2 Coats Paint, Brush Work, Paint Exterior Wood Smooth Siding	2.37	
		For Work >20' To 30' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.45*	
		For >100 To 250, Add	*0.69*	
		For >250 To 500, Add	*0.30*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.24*	
		For >10,000 To 20,000, Deduct	*-0.36*	
		For >20,000, Deduct	*-0.47*	
		For Oil Based Paint, Add	*0.15*	
		For Work >15' To 20' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.73*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.00*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0107	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Smooth Wood Siding	1.02	
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0108	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Smooth Wood Siding	1.10	
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.63*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.22*	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0109	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Smooth Wood Siding	2.08	
		For Work >20' To 30' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.17*	
		For >100 To 250, Add	*0.57*	
		For >250 To 500, Add	*0.25*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.31*	
		For >20,000, Deduct	*-0.42*	
		For Oil Based Paint, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.57*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.79*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0110	SF	1 Coat Primer, Sprayed, Paint Exterior Smooth Wood Siding	0.86	
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.42*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0111	SF	1 Coat Paint, Sprayed, Paint Exterior Smooth Wood Siding	1.02	
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0112	SF	2 Coats Paint, Sprayed, Paint Exterior Smooth Wood Siding	1.68	
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.85*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.25*	
		For >20,000, Deduct	*-0.34*	
		For Oil Based Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.54*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0113		Paint Exterior Rough Wood Siding *(09 91 13 00-0101)*		
		Note: Includes shingles, shakes or rough sawn siding.		
09 91 13 00-0114	SF	1 Coat Primer, Brush Work, Paint Exterior Wood Rough (Shingles, Shakes Or Rough Sawn) Siding	1.67	
		For Work >20' To 30' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.03*	
		For >100 To 250, Add	*0.49*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.25*	
		For >20,000, Deduct	*-0.33*	
		For Oil Based Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.52*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.72*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0115	SF	1 Coat Paint, Brush Work, Paint Exterior Wood Rough (Shingles, Shakes Or Rough Sawn) Siding	1.65	
		For Work >20' To 30' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.07*	
		For >100 To 250, Add	*0.51*	
		For >250 To 500, Add	*0.22*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.25*	
		For >20,000, Deduct	*-0.33*	
		For Oil Based Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.55*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.75*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0116	SF	2 Coats Paint, Brush Work, Paint Exterior Wood Rough (Shingles, Shakes Or Rough Sawn) Siding	3.04	
		For Work >20' To 30' Above Floor, Add	*0.62*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.95*	
		For >100 To 250, Add	*0.93*	
		For >250 To 500, Add	*0.40*	
		For >2,500 To 5,000, Deduct	*-0.15*	
		For >5,000 To 10,000, Deduct	*-0.30*	
		For >10,000 To 20,000, Deduct	*-0.46*	
		For >20,000, Deduct	*-0.61*	
		For Oil Based Paint, Add	*0.18*	
		For Work >15' To 20' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*1.00*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.37*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0117	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn)	1.57	
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.82*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.31*	
		For Oil Based Paint, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0118	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn)	1.68	
		For Work >20' To 30' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.90*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.25*	
		For >20,000, Deduct	*-0.34*	
		For Oil Based Paint, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.59*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0119	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn)	3.14	
		For Work >20' To 30' Above Floor, Add	*0.49*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.64*	
		For >100 To 250, Add	*0.80*	
		For >250 To 500, Add	*0.35*	
		For >2,500 To 5,000, Deduct	*-0.16*	
		For >5,000 To 10,000, Deduct	*-0.31*	
		For >10,000 To 20,000, Deduct	*-0.47*	
		For >20,000, Deduct	*-0.63*	
		For Oil Based Paint, Add	*0.22*	
		For Work >15' To 20' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.78*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.07*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0120	SF	1 Coat Primer, Sprayed, Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn)	1.19	
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
		For Oil Based Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0121	SF	1 Coat Paint, Sprayed, Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn)	1.32	
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.68*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.26*	
		For Oil Based Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.45*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0122	SF	2 Coats Paint, Sprayed, Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn)	2.52	
		For Work >20' To 30' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.28*	
		For >100 To 250, Add	*0.63*	
		For >250 To 500, Add	*0.28*	
		For >2,500 To 5,000, Deduct	*-0.13*	
		For >5,000 To 10,000, Deduct	*-0.25*	
		For >10,000 To 20,000, Deduct	*-0.38*	
		For >20,000, Deduct	*-0.50*	
		For Oil Based Paint, Add	*0.18*	
		For Work >15' To 20' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.60*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.83*	
		Note: Applied only to work area above 40'.		

09 91 13 00-0123 Paint Exterior Vinyl Siding *(09 91 13 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0124	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Vinyl Siding	0.17	
		For Work >20' To 30' Above Floor, Add	*0.03*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.10*	
		For >100 To 250, Add	*0.05*	
		For >250 To 500, Add	*0.02*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.03*	
		For >20,000, Deduct	*-0.03*	
		For Oil Based Paint, Add	*0.01*	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.05*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0125	SF	1 Coat Primer, Brush Work, Paint Exterior Vinyl Siding	0.97	
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.19*	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0126	SF	1 Coat Paint, Brush Work, Paint Exterior Vinyl Siding	1.06	
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0127	SF	2 Coats Paint, Brush Work, Paint Exterior Vinyl Siding	1.99	
		For Work >20' To 30' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.08*	
		For >100 To 250, Add	*0.52*	
		For >250 To 500, Add	*0.23*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.30*	
		For >20,000, Deduct	*-0.40*	
		For Oil Based Paint, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.52*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.72*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0128	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Vinyl Siding	0.91	
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.46*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0129	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Vinyl Siding	0.91	
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.46*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0130	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Vinyl Siding	1.71	
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.84*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.26*	
		For >20,000, Deduct	*-0.34*	
		For Oil Based Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0131	SF	1 Coat Primer, Sprayed, Paint Exterior Vinyl Siding	0.87	
		For Work >20' To 30' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0132	SF	1 Coat Paint, Sprayed, Paint Exterior Vinyl Siding	1.01	
		For Work >20' To 30' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.40*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0133	SF	2 Coats Paint, Sprayed, Paint Exterior Vinyl Siding	1.97	
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.78*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.30*	
		For >20,000, Deduct	*-0.39*	
		For Oil Based Paint, Add	*0.16*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.45*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0134		Paint Exterior Ceilings *(09 91 13)*		
09 91 13 00-0135		Paint Exterior Concrete Ceilings *(09 91 13 00-0134)*		
09 91 13 00-0136	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Concrete Ceiling	0.17	
		For Work >20' To 30' Above Floor, Add	*0.04*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.11*	
		For >100 To 250, Add	*0.05*	
		For >250 To 500, Add	*0.02*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.03*	
		For >20,000, Deduct	*-0.03*	
		For Oil Based Paint, Add	*0.01*	
		For Epoxy Paint, Add	*0.02*	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0137	SF	1 Coat Filler, Brush Work, Paint Exterior Concrete Ceiling	0.98	
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
		For Oil Based Paint, Add	*0.06*	
		For Epoxy Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0138	SF	1 Coat Paint, Brush Work, Paint Exterior Concrete Ceiling	1.04	
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.67*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
		For Oil Based Paint, Add	*0.06*	
		For Epoxy Paint, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0139	SF	2 Coats Paint, Brush Work, Paint Exterior Concrete Ceiling	1.88	
		For Work >20' To 30' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.19*	
		For >100 To 250, Add	*0.57*	
		For >250 To 500, Add	*0.25*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.28*	
		For >20,000, Deduct	*-0.38*	
		For Oil Based Paint, Add	*0.11*	
		For Epoxy Paint, Add	*0.21*	
		For Work >15' To 20' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.60*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.83*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0140	SF	1 Coat Filler, Brush/Roller Work, Paint Exterior Concrete Ceiling	0.77	
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.15*	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0141	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Concrete Ceiling	0.83	
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.17*	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0142	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Concrete Ceiling	1.57	
		For Work >20' To 30' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.96*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.31*	
		For Oil Based Paint, Add	*0.10*	
		For Epoxy Paint, Add	*0.19*	
		For Work >15' To 20' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.66*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0143	SF	1 Coat Filler, Sprayed, Paint Exterior Concrete Ceiling	0.69	
		For Work >20' To 30' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.14*	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0144	SF	1 Coat Paint, Sprayed, Paint Exterior Concrete Ceiling	0.78	
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0145	SF	2 Coats Paint, Sprayed, Paint Exterior Concrete Ceiling	1.27	
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.68*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.25*	
		For Oil Based Paint, Add	*0.09*	
		For Epoxy Paint, Add	*0.20*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.45*	
		Note: Applied only to work area above 40'.		

09 91 13 00-0146 Drywall/Plaster *(09 91 13 00-0134)*

09 91 13 00-0147	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Drywall/Plaster Ceiling	0.17	
		For Work >20' To 30' Above Floor, Add	*0.04*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.11*	
		For >100 To 250, Add	*0.05*	
		For >250 To 500, Add	*0.02*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.03*	
		For >20,000, Deduct	*-0.03*	
		For Oil Based Paint, Add	*0.01*	
		For Epoxy Paint, Add	*0.02*	
		For Epoxy Paint, Add	*0.02*	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0148	SF	1 Coat Primer, Brush Work, Paint Exterior Drywall/Plaster Ceiling	0.99	
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
		For Oil Based Paint, Add	*0.06*	
		For Orange Peel Finish, Add	*0.13*	
		For Epoxy Paint, Add	*0.12*	
		For Epoxy Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0149	SF	1 Coat Paint, Brush Work, Paint Exterior Drywall/Plaster Ceiling	1.05	
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.68*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
		For Oil Based Paint, Add	*0.06*	
		For Orange Peel Finish, Add	*0.15*	
		For Epoxy Paint, Add	*0.11*	
		For Epoxy Paint, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0150	SF	2 Coats Paint, Brush Work, Paint Exterior Drywall/Plaster Ceiling	1.89	
		For Work >20' To 30' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.20*	
		For >100 To 250, Add	*0.57*	
		For >250 To 500, Add	*0.25*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.28*	
		For >20,000, Deduct	*-0.38*	
		For Oil Based Paint, Add	*0.11*	
		For Orange Peel Finish, Add	*0.26*	
		For Epoxy Paint, Add	*0.21*	
		For Epoxy Paint, Add	*0.21*	
		For Work >15' To 20' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.61*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.84*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0151	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Drywall/Plaster Ceiling	0.76	
		For Work >20' To 30' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.43*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
		For Oil Based Paint, Add	*0.05*	
		For Orange Peel Finish, Add	*0.10*	
		For Epoxy Paint, Add	*0.11*	
		For Epoxy Paint, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0152	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Drywall/Plaster Ceiling	0.83	
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.17*	
		For Oil Based Paint, Add	*0.05*	
		For Orange Peel Finish, Add	*0.11*	
		For Epoxy Paint, Add	*0.10*	
		For Epoxy Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0153	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Drywall/Plaster Ceiling	1.56	
		For Work >20' To 30' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.95*	
		For >100 To 250, Add	*0.45*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.31*	
		For Oil Based Paint, Add	*0.10*	
		For Orange Peel Finish, Add	*0.21*	
		For Epoxy Paint, Add	*0.19*	
		For Epoxy Paint, Add	*0.19*	
		For Work >15' To 20' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.65*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0154	SF	1 Coat Primer, Sprayed, Paint Exterior Drywall/Plaster Ceiling	0.68	
		For Work >20' To 30' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.34*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.14*	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.12*	
		For Epoxy Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0155	SF	1 Coat Paint, Sprayed, Paint Exterior Drywall/Plaster Ceiling	0.78	
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.11*	
		For Epoxy Paint, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0156	SF	2 Coats Paint, Sprayed, Paint Exterior Drywall/Plaster Ceiling	1.29	
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.69*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.26*	
		For Oil Based Paint, Add	*0.09*	
		For Epoxy Paint, Add	*0.20*	
		For Epoxy Paint, Add	*0.20*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 40'.		

09 91 13 00-0157 Paint Exterior Wood Ceilings *(09 91 13 00-0134)*

09 91 13 00-0158 Paint Exterior Smooth Wood Ceilings *(09 91 13 00-0157)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0159	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Wood Smooth Ceiling	0.21	
		For Work >20' To 30' Above Floor, Add	*0.04*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.13*	
		For >100 To 250, Add	*0.06*	
		For >250 To 500, Add	*0.03*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.03*	
		For >20,000, Deduct	*-0.04*	
		For Oil Based Paint, Add	*0.01*	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0160	SF	1 Coat Primer, Brush Work, Paint Exterior Wood Smooth Ceiling	1.22	
		For Work >20' To 30' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.72*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.50*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0161	SF	1 Coat Paint, Brush Work, Paint Exterior Wood Smooth Ceiling	1.25	
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.77*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.25*	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0162	SF	2 Coats Paint, Brush Work, Paint Exterior Wood Smooth Ceiling	2.29	
		For Work >20' To 30' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.39*	
		For >100 To 250, Add	*0.66*	
		For >250 To 500, Add	*0.29*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.23*	
		For >10,000 To 20,000, Deduct	*-0.34*	
		For >20,000, Deduct	*-0.46*	
		For Oil Based Paint, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.70*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.96*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0163	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Smooth Wood Ceiling	1.02	
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0164	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Smooth Wood Ceiling	1.08	
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.62*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.22*	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0165	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Smooth Wood Ceiling	1.95	
		For Work >20' To 30' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.07*	
		For >100 To 250, Add	*0.52*	
		For >250 To 500, Add	*0.23*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.29*	
		For >20,000, Deduct	*-0.39*	
		For Oil Based Paint, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.52*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.72*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0166	SF	1 Coat Primer, Sprayed, Paint Exterior Smooth Wood Ceiling	0.83	
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.17*	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0167	SF	1 Coat Paint, Sprayed, Paint Exterior Smooth Wood Ceiling	0.83	
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.17*	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0168	SF	2 Coats Paint, Sprayed, Paint Exterior Smooth Wood Ceiling	1.50	
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.80*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.30*	
		For Oil Based Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.52*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

09 91 13 00-0169 Paint Exterior Rough Wood Ceilings *(09 91 13 00-0157)*

09 91 13 00-0170	SF	1 Coat Primer, Brush Work, Paint Exterior Wood Rough Ceiling	1.82	
		For Work >20' To 30' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.09*	
		For >100 To 250, Add	*0.52*	
		For >250 To 500, Add	*0.23*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.27*	
		For >20,000, Deduct	*-0.36*	
		For Oil Based Paint, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.54*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.75*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0171	SF	1 Coat Paint, Brush Work, Paint Exterior Wood Rough Ceiling	1.80	
		For Work >20' To 30' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.18*	
		For >100 To 250, Add	*0.56*	
		For >250 To 500, Add	*0.24*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.27*	
		For >20,000, Deduct	*-0.36*	
		For Oil Based Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.61*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.84*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0172	SF	2 Coats Paint, Brush Work, Paint Exterior Wood Rough Ceiling	3.15	
		For Work >20' To 30' Above Floor, Add	*0.65*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*2.03*	
		For >100 To 250, Add	*0.97*	
		For >250 To 500, Add	*0.42*	
		For >2,500 To 5,000, Deduct	*-0.16*	
		For >5,000 To 10,000, Deduct	*-0.32*	
		For >10,000 To 20,000, Deduct	*-0.47*	
		For >20,000, Deduct	*-0.63*	
		For Oil Based Paint, Add	*0.19*	
		For Work >15' To 20' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*1.04*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.43*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0173	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Rough Wood Ceiling	1.68	
		For Work >20' To 30' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.90*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.25*	
		For >20,000, Deduct	*-0.34*	
		For Oil Based Paint, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.59*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0174	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Rough Wood Ceiling	1.79	
		For Work >20' To 30' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.98*	
		For >100 To 250, Add	*0.48*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.27*	
		For >20,000, Deduct	*-0.36*	
		For Oil Based Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.65*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0175	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Rough Wood Ceiling	3.25	
		For Work >20' To 30' Above Floor, Add	*0.51*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.72*	
		For >100 To 250, Add	*0.84*	
		For >250 To 500, Add	*0.37*	
		For >2,500 To 5,000, Deduct	*-0.16*	
		For >5,000 To 10,000, Deduct	*-0.33*	
		For >10,000 To 20,000, Deduct	*-0.49*	
		For >20,000, Deduct	*-0.65*	
		For Oil Based Paint, Add	*0.22*	
		For Work >15' To 20' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.82*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.13*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0176	SF	1 Coat Primer, Sprayed, Paint Exterior Rough Wood Ceiling	1.32	
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.68*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.26*	
		For Oil Based Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.45*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0177	SF	1 Coat Paint, Sprayed, Paint Exterior Rough Wood Ceiling	1.46	
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.79*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.22*	
		For >20,000, Deduct	*-0.29*	
		For Oil Based Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.52*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0178	SF	2 Coats Paint, Sprayed, Paint Exterior Rough Wood Ceiling	2.66	
		For Work >20' To 30' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.38*	
		For >100 To 250, Add	*0.68*	
		For >250 To 500, Add	*0.30*	
		For >2,500 To 5,000, Deduct	*-0.13*	
		For >5,000 To 10,000, Deduct	*-0.27*	
		For >10,000 To 20,000, Deduct	*-0.40*	
		For >20,000, Deduct	*-0.53*	
		For Oil Based Paint, Add	*0.18*	
		For Work >15' To 20' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.66*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.90*	
		Note: Applied only to work area above 40'.		

09 91 13 00-0179 Paint Exterior Metal Ceilings *(09 91 13 00-0134)*

09 91 13 00-0180 Paint Exterior Galvanized Ceilings *(09 91 13 00-0179)*

Note: Linseed oil or acrylic latex paint.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0181	SF	1 Coat Primer, Brush Work, Paint Exterior Galvanized Ceiling	1.23	
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.70*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.25*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0182	SF	1 Coat Paint, Brush Work, Paint Exterior Galvanized Ceiling	1.34	
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.78*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.27*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0183	SF	2 Coats Paint, Brush Work, Paint Exterior Galvanized Ceiling	2.48	
		For Work >20' To 30' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.42*	
		For >100 To 250, Add	*0.68*	
		For >250 To 500, Add	*0.30*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.25*	
		For >10,000 To 20,000, Deduct	*-0.37*	
		For >20,000, Deduct	*-0.50*	
		For Work >15' To 20' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.70*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.96*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0184	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Galvanized Ceiling	0.96	
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.53*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0185	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Galvanized Ceiling	1.07	
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.62*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0186	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Galvanized Ceiling	1.91	
		For Work >20' To 30' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.07*	
		For >100 To 250, Add	*0.52*	
		For >250 To 500, Add	*0.23*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.29*	
		For >20,000, Deduct	*-0.38*	
		For Work >15' To 20' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.52*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.72*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0187	SF	1 Coat Primer, Sprayed, Paint Exterior Galvanized Ceiling	0.98	
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0188	SF	1 Coat Paint, Sprayed, Paint Exterior Galvanized Ceiling	1.11	
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.57*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.22*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0189	SF	2 Coats Paint, Sprayed, Paint Exterior Galvanized Ceiling	1.81	
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.84*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.27*	
		For >20,000, Deduct	*-0.36*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.52*	
		Note: Applied only to work area above 40'.		

09 91 13 00-0190 Paint Exterior Aluminum And Aluminum Alloy Ceilings *(09 91 13 00-0179)*

Note: Alkyd enamel paint.

09 91 13 00-0191	SF	1 Coat Primer, Brush Work, Paint Exterior Aluminum And Aluminum Alloy Ceiling	1.23	
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.70*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.25*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0192	SF	1 Coat Paint, Brush Work, Paint Exterior Aluminum And Aluminum Alloy Ceiling	1.34	
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.78*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.27*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0193	SF	2 Coats Paint, Brush Work, Paint Exterior Aluminum And Aluminum Alloy Ceiling	2.48	
		For Work >20' To 30' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.42*	
		For >100 To 250, Add	*0.68*	
		For >250 To 500, Add	*0.30*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.25*	
		For >10,000 To 20,000, Deduct	*-0.37*	
		For >20,000, Deduct	*-0.50*	
		For Work >15' To 20' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.70*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.96*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0194	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Aluminum And Aluminum Alloy Ceiling	1.08	
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.55*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.22*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0195	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Aluminum And Aluminum Alloy Ceiling	1.19	
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.63*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0196	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Aluminum And Aluminum Alloy Ceiling	2.16	
		For Work >20' To 30' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.10*	
		For >100 To 250, Add	*0.54*	
		For >250 To 500, Add	*0.24*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.22*	
		For >10,000 To 20,000, Deduct	*-0.32*	
		For >20,000, Deduct	*-0.43*	
		For Work >15' To 20' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.52*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.72*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0197	SF	1 Coat Primer, Sprayed, Paint Exterior Aluminum And Aluminum Alloy Ceiling	0.98	
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0198	SF	1 Coat Paint, Sprayed, Paint Exterior Aluminum And Aluminum Alloy Ceiling	0.98	
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0199	SF	2 Coats Paint, Sprayed, Paint Exterior Aluminum And Aluminum Alloy Ceiling	1.81	
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.84*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.27*	
		For >20,000, Deduct	*-0.36*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.52*	
		Note: Applied only to work area above 40'.		

09 91 13 00-0200 Paint Exterior Corrugated Metal Ceilings *(09 91 13 00-0179)*

09 91 13 00-0201	SF	1 Coat Primer, Sprayed, Paint Exterior Corrugated Metal Ceiling	1.07	
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0202	SF	1 Coat Paint, Sprayed, Paint Exterior Corrugated Metal Ceiling	1.21	
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.61*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0203	SF	2 Coats Paint, Sprayed, Paint Exterior Corrugated Metal Ceiling	2.25	
		For Work >20' To 30' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.09*	
		For >100 To 250, Add	*0.54*	
		For >250 To 500, Add	*0.24*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.23*	
		For >10,000 To 20,000, Deduct	*-0.34*	
		For >20,000, Deduct	*-0.45*	
		For Work >15' To 20' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.50*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.69*	
		Note: Applied only to work area above 40'.		

09 91 13 00-0204 Paint Exterior Floors *(09 91 13)*

09 91 13 00-0205 Paint Exterior Concrete Floors *(09 91 13 00-0204)*

09 91 13 00-0206	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Concrete Floors And Decks	0.14	
		For Up To 100, Add	*0.09*	
		For >100 To 250, Add	*0.04*	
		For >250 To 500, Add	*0.02*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.01*	
		For >10,000 To 20,000, Deduct	*-0.02*	
		For >20,000, Deduct	*-0.03*	
09 91 13 00-0207	SF	1 Coat Primer, Brush Work, Paint Exterior Concrete Floors And Decks	0.77	
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.15*	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.11*	
09 91 13 00-0208	SF	1 Coat Paint, Brush Work, Paint Exterior Concrete Floors And Decks	0.83	
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.17*	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.10*	
09 91 13 00-0209	SF	2 Coats Paint, Brush Work, Paint Exterior Concrete Floors And Decks	1.56	
		For Up To 100, Add	*0.95*	
		For >100 To 250, Add	*0.45*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.31*	
		For Oil Based Paint, Add	*0.10*	
		For Epoxy Paint, Add	*0.19*	
09 91 13 00-0210	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Concrete Floors And Decks	0.66	
		For Up To 100, Add	*0.36*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.10*	
09 91 13 00-0211	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Concrete Floors And Decks	0.72	
		For Up To 100, Add	*0.43*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0212	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Concrete Floors And Decks	1.21	
		For Up To 100, Add	*0.69*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
		For Oil Based Paint, Add	*0.08*	
		For Epoxy Paint, Add	*0.17*	
09 91 13 00-0213	SF	1 Coat Primer, Sprayed, Paint Exterior Concrete Floors And Decks	0.55	
		For Up To 100, Add	*0.24*	
		For >100 To 250, Add	*0.12*	
		For >250 To 500, Add	*0.05*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.08*	
		For >20,000, Deduct	*-0.11*	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.11*	
09 91 13 00-0214	SF	1 Coat Paint, Sprayed, Paint Exterior Concrete Floors And Decks	0.64	
		For Up To 100, Add	*0.34*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.10*	
09 91 13 00-0215	SF	2 Coats Paint, Sprayed, Paint Exterior Concrete Floors And Decks	1.14	
		For Up To 100, Add	*0.58*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
		For Oil Based Paint, Add	*0.08*	
		For Epoxy Paint, Add	*0.20*	
09 91 13 00-0216	SF	1 Coat Non-Slip Paint, Brush/Roller Work, Paint Exterior Concrete Floors And Decks	2.18	
		For Up To 100, Add	*0.65*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.22*	
		For >10,000 To 20,000, Deduct	*-0.33*	
		For >20,000, Deduct	*-0.44*	
09 91 13 00-0217	SF	1 Coat Anti-Slip Paint, Single Component Epoxy Coating, Brush/Roller Work, Paint Exterior Concrete Floors And Decks	5.35	
		For Up To 100, Add	*1.13*	
		For >100 To 250, Add	*0.67*	
		For >250 To 500, Add	*0.32*	
		For >2,500 To 5,000, Deduct	*-0.27*	
		For >5,000 To 10,000, Deduct	*-0.54*	
		For >10,000 To 20,000, Deduct	*-0.80*	
		For >20,000, Deduct	*-1.07*	
09 91 13 00-0218	SF	1 Coat Anti-Slip Paint, High Performance Epoxy Coating, Brush/Roller Work, Paint Exterior Concrete Floors And Decks	6.67	
		For Up To 100, Add	*1.32*	
		For >100 To 250, Add	*0.80*	
		For >250 To 500, Add	*0.39*	
		For >2,500 To 5,000, Deduct	*-0.33*	
		For >5,000 To 10,000, Deduct	*-0.67*	
		For >10,000 To 20,000, Deduct	*-1.00*	
		For >20,000, Deduct	*-1.33*	

09 91 13 00-0219 Paint Exterior Wood Floors *(09 91 13 00-0204)*

09 91 13 00-0220	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Wood Floors And Decks	0.18	
		For Up To 100, Add	*0.11*	
		For >100 To 250, Add	*0.05*	
		For >250 To 500, Add	*0.02*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.03*	
		For >20,000, Deduct	*-0.04*	
09 91 13 00-0221	SF	1 Coat Primer, Brush Work, Paint Exterior Wood Floors And Decks	0.97	
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.19*	
		For Oil Based Paint, Add	*0.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0222	SF	1 Coat Paint, Brush Work, Paint Exterior Wood Floors And Decks	1.04	
		For Up To 100, Add	*0.61*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
		For Oil Based Paint, Add	*0.07*	
09 91 13 00-0223	SF	2 Coats Paint, Brush Work, Paint Exterior Wood Floors And Decks	1.95	
		For Up To 100, Add	*1.13*	
		For >100 To 250, Add	*0.55*	
		For >250 To 500, Add	*0.24*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.29*	
		For >20,000, Deduct	*-0.39*	
		For Oil Based Paint, Add	*0.13*	
09 91 13 00-0224	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Floors And Decks	0.92	
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
		For Oil Based Paint, Add	*0.06*	
09 91 13 00-0225	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Floors And Decks	0.97	
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.19*	
		For Oil Based Paint, Add	*0.06*	
09 91 13 00-0226	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Wood Floors And Decks	1.62	
		For Up To 100, Add	*0.83*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.32*	
		For Oil Based Paint, Add	*0.11*	
09 91 13 00-0227	SF	1 Coat Primer, Sprayed, Paint Exterior Wood Floors And Decks	0.69	
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.14*	
		For Oil Based Paint, Add	*0.05*	
09 91 13 00-0228	SF	1 Coat Paint, Sprayed, Paint Exterior Wood Floors And Decks	0.83	
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.17*	
		For Oil Based Paint, Add	*0.06*	
09 91 13 00-0229	SF	2 Coats Paint, Sprayed, Paint Exterior Wood Floors And Decks	1.36	
		For Up To 100, Add	*0.69*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.27*	
		For Oil Based Paint, Add	*0.10*	
09 91 13 00-0230	SF	1 Coat Non-Slip Paint, Brush Work, Paint Exterior Wood Floors And Decks	2.29	
		For Up To 100, Add	*0.73*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.23*	
		For >10,000 To 20,000, Deduct	*-0.34*	
		For >20,000, Deduct	*-0.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0231	SF	1 Coat Non-Slip Epoxy Paint, Brush Work, Paint Exterior Wood Floors And Decks	6.78	
		For Up To 100, Add	*1.41*	
		For >100 To 250, Add	*0.84*	
		For >250 To 500, Add	*0.40*	
		For >2,500 To 5,000, Deduct	*-0.34*	
		For >5,000 To 10,000, Deduct	*-0.68*	
		For >10,000 To 20,000, Deduct	*-1.02*	
		For >20,000, Deduct	*-1.36*	

09 91 13 00-0232 Paint Exterior Doors And Windows *(09 91 13)*

09 91 13 00-0233 Paint Exterior Door Frames *(09 91 13 00-0232)*

09 91 13 00-0234	LF	1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Door Frame And Trim	1.20	
		For Painting Either Interior Or Exterior Only, Deduct	*-0.32*	
09 91 13 00-0235	LF	1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Door Frame And Trim	1.55	
		For Painting Either Interior Or Exterior Only, Deduct	*-0.41*	
09 91 13 00-0236	LF	2 Coats Paint, Brush/Roller Work, Paint Exterior Wood Door Frame And Trim	2.61	
		For Painting Either Interior Or Exterior Only, Deduct	*-0.69*	
09 91 13 00-0237	LF	1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Door Frame And Trim	1.21	
		For Painting Either Interior Or Exterior Only, Deduct	*-0.33*	
09 91 13 00-0238	LF	1 Coat Paint, Brush/Roller Work, Paint Exterior Metal Door Frame And Trim	1.56	
		For Painting Either Interior Or Exterior Only, Deduct	*-0.42*	
09 91 13 00-0239	LF	2 Coats Paint, Brush/Roller Work, Paint Exterior Metal Door Frame And Trim	2.62	
		For Painting Either Interior Or Exterior Only, Deduct	*-0.70*	

09 91 13 00-0240 Paint Exterior Metal Doors *(09 91 13 00-0232)*

09 91 13 00-0241	EA	1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Door Note: One face	56.73	
		For Half Louvered Door, Add	*4.71*	
		For Full Louvered Door, Add	*7.85*	
		For Electrostatic Painting, Add	*9.48*	
		For >5 To 10, Deduct	*-2.84*	
		For >10 To 25, Deduct	*-5.67*	
		For >25, Deduct	*-8.51*	
09 91 13 00-0242	EA	1 Coat Paint, Brush/Roller Work, Paint Exterior Metal Door Note: One face	56.73	
		For Half Louvered Door, Add	*4.71*	
		For Full Louvered Door, Add	*7.85*	
		For Electrostatic Painting, Add	*9.48*	
		For >5 To 10, Deduct	*-2.84*	
		For >10 To 25, Deduct	*-5.67*	
		For >25, Deduct	*-8.51*	
09 91 13 00-0243	EA	2 Coat Paint, Brush/Roller Work, Paint Exterior Metal Door Note: One face	103.39	
		For Half Louvered Door, Add	*7.95*	
		For Full Louvered Door, Add	*13.25*	
		For Electrostatic Painting, Add	*17.90*	
		For >5 To 10, Deduct	*-5.17*	
		For >10 To 25, Deduct	*-10.34*	
		For >25, Deduct	*-15.51*	
09 91 13 00-0244	EA	1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Door Note: Both faces	101.82	
		For Half Louvered Door, Add	*8.44*	
		For Full Louvered Door, Add	*14.07*	
		For Electrostatic Painting, Add	*17.01*	
		For >5 To 10, Deduct	*-5.09*	
		For >10 To 25, Deduct	*-10.18*	
		For >25, Deduct	*-15.27*	
09 91 13 00-0245	EA	1 Coat Paint, Brush/Roller Work, Paint Exterior Metal Door Note: Both faces	101.82	
		For Half Louvered Door, Add	*8.44*	
		For Full Louvered Door, Add	*14.07*	
		For Electrostatic Painting, Add	*17.01*	
		For >5 To 10, Deduct	*-5.09*	
		For >10 To 25, Deduct	*-10.18*	
		For >25, Deduct	*-15.27*	
09 91 13 00-0246	EA	2 Coats Paint, Brush/Roller Work, Paint Exterior Metal Door Note: Both faces	186.30	
		For Half Louvered Door, Add	*14.28*	
		For Full Louvered Door, Add	*23.80*	
		For Electrostatic Painting, Add	*32.30*	
		For >5 To 10, Deduct	*-9.32*	
		For >10 To 25, Deduct	*-18.63*	
		For >25, Deduct	*-27.95*	
09 91 13 00-0247	EA	1 Coat Primer, Sprayed, Paint Exterior Metal Door Note: One face	54.22	
		For Half Louvered Door, Add	*3.95*	
		For Full Louvered Door, Add	*6.59*	
		For Electrostatic Painting, Add	*9.60*	
		For >5 To 10, Deduct	*-2.71*	
		For >10 To 25, Deduct	*-5.42*	
		For >25, Deduct	*-8.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0248	EA	1 Coat Paint, Sprayed, Paint Exterior Metal Door	54.21	
		Note: One face		
		For Half Louvered Door, Add	*3.95*	
		For Full Louvered Door, Add	*6.58*	
		For Electrostatic Painting, Add	*9.60*	
		For >5 To 10, Deduct	*-2.71*	
		For >10 To 25, Deduct	*-5.42*	
		For >25, Deduct	*-8.13*	
09 91 13 00-0249	EA	2 Coats Paint, Sprayed, Paint Exterior Metal Door	99.88	
		Note: One face		
		For Half Louvered Door, Add	*6.67*	
		For Full Louvered Door, Add	*11.12*	
		For Electrostatic Painting, Add	*18.30*	
		For >5 To 10, Deduct	*-4.99*	
		For >10 To 25, Deduct	*-9.99*	
		For >25, Deduct	*-14.98*	
09 91 13 00-0250	EA	1 Coat Primer, Sprayed, Paint Exterior Metal Door	97.34	
		Note: Both faces		
		For Half Louvered Door, Add	*7.08*	
		For Full Louvered Door, Add	*11.81*	
		For Electrostatic Painting, Add	*17.25*	
		For >5 To 10, Deduct	*-4.87*	
		For >10 To 25, Deduct	*-9.73*	
		For >25, Deduct	*-14.60*	
09 91 13 00-0251	EA	1 Coat Paint, Sprayed, Paint Exterior Metal Door	97.34	
		Note: Both faces		
		For Half Louvered Door, Add	*7.08*	
		For Full Louvered Door, Add	*11.81*	
		For Electrostatic Painting, Add	*17.25*	
		For >5 To 10, Deduct	*-4.87*	
		For >10 To 25, Deduct	*-9.73*	
		For >25, Deduct	*-14.60*	
09 91 13 00-0252	EA	2 Coats Paint, Sprayed, Paint Exterior Metal Door	180.13	
		Note: Both faces		
		For Half Louvered Door, Add	*11.99*	
		For Full Louvered Door, Add	*19.98*	
		For Electrostatic Painting, Add	*33.05*	
		For >5 To 10, Deduct	*-9.01*	
		For >10 To 25, Deduct	*-18.01*	
		For >25, Deduct	*-27.02*	
09 91 13 00-0253	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door	2.58	
		For Electrostatic Painting, Add	*0.32*	
09 91 13 00-0254	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door	2.74	
		For Electrostatic Painting, Add	*0.36*	
09 91 13 00-0255	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Metal Overhead, Section Door, Or Roll Up Door	5.58	
		For Electrostatic Painting, Add	*0.72*	
09 91 13 00-0256	SF	1 Coat Primer, Sprayed, Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door	2.91	
		For Electrostatic Painting, Add	*0.36*	
09 91 13 00-0257	SF	1 Coat Paint, Sprayed, Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door	3.07	
		For Electrostatic Painting, Add	*0.40*	
09 91 13 00-0258	SF	2 Coats Paint, Sprayed, Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door	5.94	
		For Electrostatic Painting, Add	*0.76*	

09 91 13 00-0259 Paint Exterior Wood Doors *(09 91 13 00-0232)*

09 91 13 00-0260	EA	1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Door	53.25	
		Note: One face		
		For Half Louvered Door, Add	*4.71*	
		For Full Louvered Door, Add	*7.85*	
		For >5 To 10, Deduct	*-2.66*	
		For >10 To 25, Deduct	*-5.33*	
		For >25, Deduct	*-7.99*	
09 91 13 00-0261	EA	1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Door	53.25	
		Note: One face		
		For Half Louvered Door, Add	*4.71*	
		For Full Louvered Door, Add	*7.85*	
		For >5 To 10, Deduct	*-2.66*	
		For >10 To 25, Deduct	*-5.33*	
		For >25, Deduct	*-7.99*	
09 91 13 00-0262	EA	2 Coats Paint, Brush/Roller Work, Paint Exterior Wood Door	96.48	
		Note: One face		
		For Half Louvered Door, Add	*7.95*	
		For Full Louvered Door, Add	*13.25*	
		For >5 To 10, Deduct	*-4.82*	
		For >10 To 25, Deduct	*-9.65*	
		For >25, Deduct	*-14.47*	
09 91 13 00-0263	EA	1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Door	95.57	
		Note: Both faces		
		For Half Louvered Door, Add	*8.44*	
		For Full Louvered Door, Add	*14.07*	
		For >5 To 10, Deduct	*-4.78*	
		For >10 To 25, Deduct	*-9.56*	
		For >25, Deduct	*-14.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0264	EA	1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Door	95.57	
		Note: Both faces		
		For Half Louvered Door, Add	*8.44*	
		For Full Louvered Door, Add	*14.07*	
		For >5 To 10, Deduct	*-4.78*	
		For >10 To 25, Deduct	*-9.56*	
		For >25, Deduct	*-14.34*	
09 91 13 00-0265	EA	2 Coats Paint, Brush Roller Work, Paint Exterior Wood Door	173.80	
		Note: Both faces		
		For Half Louvered Door, Add	*14.28*	
		For Full Louvered Door, Add	*23.80*	
		For >5 To 10, Deduct	*-8.69*	
		For >10 To 25, Deduct	*-17.38*	
		For >25, Deduct	*-26.07*	
09 91 13 00-0266	EA	1 Coat Primer, Sprayed, Paint Exterior Wood Door	50.39	
		Note: One face		
		For Half Louvered Door, Add	*3.95*	
		For Full Louvered Door, Add	*6.58*	
		For >5 To 10, Deduct	*-2.52*	
		For >10 To 25, Deduct	*-5.04*	
		For >25, Deduct	*-7.56*	
09 91 13 00-0267	EA	1 Coat Paint, Sprayed, Paint Exterior Wood Door	50.39	
		Note: One face		
		For Half Louvered Door, Add	*3.95*	
		For Full Louvered Door, Add	*6.58*	
		For >5 To 10, Deduct	*-2.52*	
		For >10 To 25, Deduct	*-5.04*	
		For >25, Deduct	*-7.56*	
09 91 13 00-0268	EA	2 Coats Paint, Sprayed, Paint Exterior Wood Door	92.31	
		Note: One face		
		For Half Louvered Door, Add	*6.68*	
		For Full Louvered Door, Add	*11.13*	
		For >5 To 10, Deduct	*-4.62*	
		For >10 To 25, Deduct	*-9.23*	
		For >25, Deduct	*-13.85*	
09 91 13 00-0269	EA	1 Coat Primer, Sprayed, Paint Exterior Wood Door	90.47	
		Note: Both faces		
		For Half Louvered Door, Add	*7.08*	
		For Full Louvered Door, Add	*11.81*	
		For >5 To 10, Deduct	*-4.52*	
		For >10 To 25, Deduct	*-9.05*	
		For >25, Deduct	*-13.57*	
09 91 13 00-0270	EA	1 Coat Paint, Sprayed, Paint Exterior Wood Door	90.47	
		Note: Both faces		
		For Half Louvered Door, Add	*7.08*	
		For Full Louvered Door, Add	*11.81*	
		For >5 To 10, Deduct	*-4.52*	
		For >10 To 25, Deduct	*-9.05*	
		For >25, Deduct	*-13.57*	
09 91 13 00-0271	EA	2 Coats Paint, Sprayed, Paint Exterior Wood Door	166.38	
		Note: Both faces		
		For Half Louvered Door, Add	*11.99*	
		For Full Louvered Door, Add	*19.98*	
		For >5 To 10, Deduct	*-8.32*	
		For >10 To 25, Deduct	*-16.64*	
		For >25, Deduct	*-24.96*	
09 91 13 00-0272	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door	2.53	
09 91 13 00-0273	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door	2.66	
09 91 13 00-0274	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door	5.43	
09 91 13 00-0275	SF	1 Coat Primer, Sprayed, Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door	2.85	
09 91 13 00-0276	SF	1 Coat Paint, Sprayed, Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door	2.99	
09 91 13 00-0277	SF	2 Coats Paint, Sprayed, Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door	5.78	
09 91 13 00-0278		**Paint Exterior Metal Windows** *(09 91 13 00-0232)*		
		Note: Two finish coats paint over rust inhibitive primer.		
09 91 13 00-0279	EA	Up To 8 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Metal Window Including Trim	87.17	
		For Electrostatic Painting, Add	*11.24*	
		For >5 To 10, Deduct	*-4.36*	
		For >10 To 25, Deduct	*-8.72*	
		For >25, Deduct	*-13.08*	
09 91 13 00-0280	EA	>8 To 14 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Metal Window Including Trim	107.17	
		For Electrostatic Painting, Add	*14.62*	
		For >5 To 10, Deduct	*-5.36*	
		For >10 To 25, Deduct	*-10.72*	
		For >25, Deduct	*-16.08*	
09 91 13 00-0281	EA	>14 To 20 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Metal Window Including Trim	145.17	
		For Electrostatic Painting, Add	*20.06*	
		For >5 To 10, Deduct	*-7.26*	
		For >10 To 25, Deduct	*-14.52*	
		For >25, Deduct	*-21.78*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0282	EA	>20 To 26 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Metal Window Including Trim	163.52	
		For Electrostatic Painting, Add	*22.62*	
		For >5 To 10, Deduct	*-8.18*	
		For >10 To 25, Deduct	*-16.35*	
		For >25, Deduct	*-24.53*	
09 91 13 00-0283	EA	>26 To 34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Metal Window Including Trim	181.22	
		For Electrostatic Painting, Add	*25.01*	
		For >5 To 10, Deduct	*-9.06*	
		For >10 To 25, Deduct	*-18.12*	
		For >25, Deduct	*-27.18*	
09 91 13 00-0284	SF	>34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Metal Window Including Trim	5.75	
		For Electrostatic Painting, Add	*0.79*	

09 91 13 00-0285 Paint Exterior Wood Windows *(09 91 13 00-0232)*

Note: Two finish coats paint over primer.

09 91 13 00-0286	EA	Up To 8 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Wood Window Including Trim	84.86	
		For >5 To 10, Deduct	*-4.24*	
		For >10 To 25, Deduct	*-8.49*	
		For >25, Deduct	*-12.73*	
09 91 13 00-0287	EA	>8 To 14 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Wood Window Including Trim	103.60	
		For >5 To 10, Deduct	*-5.18*	
		For >10 To 25, Deduct	*-10.36*	
		For >25, Deduct	*-15.54*	
09 91 13 00-0288	EA	>14 To 20 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Wood Window Including Trim	140.10	
		For >5 To 10, Deduct	*-7.01*	
		For >10 To 25, Deduct	*-14.01*	
		For >25, Deduct	*-21.02*	
09 91 13 00-0289	EA	>20 To 26 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Wood Window Including Trim	157.80	
		For >5 To 10, Deduct	*-7.89*	
		For >10 To 25, Deduct	*-15.78*	
		For >25, Deduct	*-23.67*	
09 91 13 00-0290	EA	>26 To 34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Wood Window Including Trim	174.92	
		For >5 To 10, Deduct	*-8.75*	
		For >10 To 25, Deduct	*-17.49*	
		For >25, Deduct	*-26.24*	
09 91 13 00-0291	SF	>34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Wood Window Including Trim	5.83	

09 91 13 00-0292 Paint Exterior Security Screens *(09 91 13 00-0232)*

09 91 13 00-0293	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Security Screen	1.54	
		For Electrostatic Painting, Add	*0.21*	
09 91 13 00-0294	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Security Screen	1.54	
		For Electrostatic Painting, Add	*0.19*	
09 91 13 00-0295	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Security Screen	2.56	
		For Electrostatic Painting, Add	*0.33*	

09 91 13 00-0296 Paint Exterior Window Guards *(09 91 13 00-0232)*

09 91 13 00-0297	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Window Guards	1.54	
09 91 13 00-0298	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Metal Window Guards	1.54	
09 91 13 00-0299	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Metal Window Guards	2.56	

09 91 13 00-0300 Paint Exterior Window Trim *(09 91 13 00-0232)*

09 91 13 00-0301	LF	1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Window Frame And Trim	1.43	
09 91 13 00-0302	LF	1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Window Frame And Trim	1.43	
09 91 13 00-0303	LF	2 Coats Paint, Brush/Roller Work, Paint Exterior Wood Window Frame And Trim	2.34	
09 91 13 00-0304	LF	1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Window Frame And Trim	1.65	
09 91 13 00-0305	LF	1 Coat Paint, Brush/Roller Work, Paint Exterior Metal Window Frame And Trim	1.65	
09 91 13 00-0306	LF	2 Coats Paint, Brush/Roller Work, Paint Exterior Metal Window Frame And Trim	2.80	

09 91 13 00-0307 Paint Exterior Roofing And Trim *(09 91 13)*

09 91 13 00-0308 Paint Stain Or Seal Wood Roofing *(09 91 13 00-0307)*

09 91 13 00-0309	SF	1 Coat Paint, Brush/Roller Work, Stain And Seal Shingles/Shake	2.13	
		For Up To 100, Add	*1.02*	
		For >100 To 250, Add	*0.50*	
		For >250 To 500, Add	*0.22*	
09 91 13 00-0310	SF	2 Coats Stain, Brush/Roller Work, Stain And Seal Shingles/Shake	3.93	
		For Up To 100, Add	*1.84*	
		For >100 To 250, Add	*0.91*	
		For >250 To 500, Add	*0.40*	

09 91 13 00-0311 Paint Metal Roofing *(09 91 13 00-0307)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0312	SF	1 Coat Paint, Brush/Roller Work, Paint Metal Roofing	0.94	
		For Up To 100, Add	*0.42*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
09 91 13 00-0313	SF	2 Coats Paint, Brush/Roller Work, Paint Metal Roofing	1.63	
		For Up To 100, Add	*0.74*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
09 91 13 00-0314	SF	1 Coat Epoxy Polyamide Cured Resin Primer, Sprayed, Paint Metal Roof	0.94	
		For Up To 100, Add	*0.53*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
09 91 13 00-0315	SF	1 Coat Aliphatic Polyurethane, Sprayed, Paint Metal Roof	0.91	
		For Up To 100, Add	*0.41*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
09 91 13 00-0316		**Paint Fascia Board** *(09 91 13 00-0307)*		
09 91 13 00-0317	LF	1 Coat Primer, Brush/Roller Work, Paint Fascia Board	0.88	
		For Up To 100, Add	*0.41*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
09 91 13 00-0318	LF	1 Coat Paint, Brush/Roller Work, Paint Fascia Board	0.88	
		For Up To 100, Add	*0.41*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
09 91 13 00-0319	LF	2 Coats Paint, Brush/Roller Work, Paint Fascia Board	1.52	
		For Up To 100, Add	*0.73*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
09 91 13 00-0320		**Paint Soffit** *(09 91 13 00-0307)*		
09 91 13 00-0321	SF	1 Coat Primer, Brush/Roller Work, Paint Soffit	1.06	
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
09 91 13 00-0322	SF	1 Coat Paint, Brush/Roller Work, Paint Soffit	1.06	
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
09 91 13 00-0323	SF	2 Coats Paint, Brush/Roller Work, Paint Soffit	1.80	
		For Up To 100, Add	*0.77*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
09 91 13 00-0324		**Special Coatings For Metal Roofs** *(09 91 13 00-0307)*		
09 91 13 00-0325	SF	Carboline Carboxane 950 Coating System With 15 year warranty	12.14	
09 91 13 00-0326	SF	Carboline Carbothane 134HG Coating System With 1 year warranty	7.48	
09 91 13 00-0327		**Acrylic Elastomeric Coating For All Types Of Roofs** *(09 91 13 00-0307)*		
09 91 13 00-0328	SF	2 Coats (20 Mil), Cool Roof Acrylic Elastomeric Roof Coating	2.26	
		For Each Coat Of Primer, Add	*0.49*	
09 91 13 00-0329	SF	2 Coats, Energy-Armor Ultra SunWhite Ultra Premium Acrylic Elastomeric Roof Coating (ICP APOC® AP-252)	3.18	
09 91 13 00-0330		**Elastomeric Coating For All Types Of Roofs** *(09 91 13 00-0307)*		
09 91 13 00-0331	SF	1 Coat, White Elastomeric Lquid Silicone Roof Membrane Coating (ICP APOC® Armor Flex® AP-585) Note: Per Coat	3.84	
09 91 13 00-0332		**Acrylic Latex Elastomeric Coating For All Types Of Roofs** *(09 91 13 00-0307)* Note: (Henry)		
09 91 13 00-0333	SF	1 Coat, Premium Gray Elastomeric Roof Base Coating (Henry 291)	1.39	
09 91 13 00-0334	SF	1 Coat, White Acrylic Latex Roof Coating (Henry 280DC)	1.26	
09 91 13 00-0335	SF	1 Coat, White Elastomeric Roof Coating (Henry SolarFlex 287)	1.11	
09 91 13 00-0336		**Acrylic Coating For All Types Of Roofs** *(09 91 13 00-0307)* Note: (GAF)		
09 91 13 00-0337	SF	1 Coat, Water Based, Acrylic Elastomeric Roof Base Coating (GAF Roof Mate™ Base Coat)	1.09	
09 91 13 00-0338	SF	1 Coat, Water Based, Acrylic Elastomeric Roof Top Coating (GAF Roof Mate™ Top Coat)	1.26	
09 91 13 00-0339		**Paint Metal Surfaces** *(09 91 13)* Note: Tasks can be used for exterior or interior applications.		
09 91 13 00-0340		**Paint Structural Steel** *(09 91 13 00-0339)*		
09 91 13 00-0341		**Paint Structural Steel, Brush Work** *(09 91 13 00-0340)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0342	SF	1 Field Coat Primer, Brush/Roller Work, Paint Exterior Structural Steel	1.06	
		For Up To 100, Add	*0.65*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.13*	
		For Epoxy Paint, Add	*0.13*	
09 91 13 00-0343	SF	1 Field Coat Paint, Brush/Roller Work, Paint Exterior Structural Steel	0.94	
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For Epoxy Paint, Add	*0.12*	

09 91 13 00-0344 Paint Structural Steel, Spray Work *(09 91 13 00-0340)*

09 91 13 00-0345	SF	1 Field Coat Primer, Sprayed, Paint Exterior Structural Steel	0.80	
		For Electrostatic Painting, Add	*0.12*	
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For Epoxy Paint, Add	*0.12*	
09 91 13 00-0346	SF	1 Field Coat Paint, Sprayed, Paint Exterior Structural Steel	0.67	
		For Electrostatic Painting, Add	*0.10*	
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.08*	
		For Epoxy Paint, Add	*0.11*	

09 91 13 00-0347 Paint Metal Decking, Beams And Bar Joist *(09 91 13 00-0340)*

09 91 13 00-0348	SF	1 Coat Primer, Sprayed, Paint Exposed Metal Decking	0.90	
		For Up To 100, Add	*0.53*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For Epoxy Paint, Add	*0.12*	
09 91 13 00-0349	SF	1 Coat Paint, Sprayed, Paint Exposed Metal Decking	0.90	
		For Up To 100, Add	*0.53*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For Epoxy Paint, Add	*0.12*	
09 91 13 00-0350	SF	2 Coats Paint, Sprayed, Paint Exposed Metal Decking	1.52	
		For Up To 100, Add	*0.85*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	
		For Epoxy Paint, Add	*0.22*	
09 91 13 00-0351	SF	1 Coat Primer, Brush/Roller Work, Paint Metal Beams And Bar Joists	1.30	
		For Up To 100, Add	*0.69*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For Epoxy Paint, Add	*0.21*	
09 91 13 00-0352	SF	1 Coat Paint, Brush/Roller Work, Paint Metal Beams And Bar Joists	1.26	
		For Up To 100, Add	*0.69*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For Epoxy Paint, Add	*0.19*	
09 91 13 00-0353	SF	2 Coats Paint, Brush/Roller Work, Paint Metal Beams And Bar Joists	2.39	
		For Up To 100, Add	*1.29*	
		For >100 To 250, Add	*0.63*	
		For >250 To 500, Add	*0.27*	
		For Epoxy Paint, Add	*0.37*	
09 91 13 00-0354	SF	1 Coat Primer, Sprayed, Paint Metal Beams And Bar Joists	1.12	
		For Up To 100, Add	*0.62*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For Epoxy Paint, Add	*0.16*	
09 91 13 00-0355	SF	1 Coat Paint, Sprayed, Paint Metal Beams And Bar Joists	1.12	
		For Up To 100, Add	*0.62*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For Epoxy Paint, Add	*0.16*	
09 91 13 00-0356	SF	2 Coats Paint, Sprayed, Paint Metal Beams And Bar Joists	1.91	
		For Up To 100, Add	*1.00*	
		For >100 To 250, Add	*0.49*	
		For >250 To 500, Add	*0.21*	
		For Epoxy Paint, Add	*0.31*	

09 91 13 00-0357 Paint Steel Pipes *(09 91 13 00-0339)*

Note: Includes pipe, tubes, rails, conduit, etc.

09 91 13 00-0358	LF	1 Coat Primer, 1/2" To 1-1/2" Diameter, Paint Conduit Or Steel Pipe	1.72	
		For Electrostatic Painting, Add	*0.23*	
		For Epoxy Paint, Add	*0.20*	
09 91 13 00-0359	LF	1 Coat Primer, 2" To 3-1/2" Diameter, Paint Conduit Or Steel Pipe	1.93	
		For Electrostatic Painting, Add	*0.26*	
		For Epoxy Paint, Add	*0.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0360	LF	1 Coat Primer, 4" Diameter, Paint Steel Pipes	2.18	
		For Electrostatic Painting, Add	*0.29*	
		For Epoxy Paint, Add	*0.26*	
09 91 13 00-0361	LF	1 Coat Primer, 6" To 8" Diameter, Paint Steel Pipes	2.72	
		For Electrostatic Painting, Add	*0.36*	
		For Epoxy Paint, Add	*0.31*	
09 91 13 00-0362	LF	1 Coat Primer, 10" To 12" Diameter, Paint Steel Pipes	3.44	
		For Electrostatic Painting, Add	*0.45*	
		For Epoxy Paint, Add	*0.39*	
09 91 13 00-0363	LF	1 Coat Paint, 1/2"To 1-1/2" Diameter, Paint Conduit Or Steel Pipe	1.72	
		For Electrostatic Painting, Add	*0.23*	
		For Epoxy Paint, Add	*0.20*	
09 91 13 00-0364	LF	1 Coat Paint, 2" To 3-1/2" Diameter, Paint Conduit Or Steel Pipe	1.93	
		For Electrostatic Painting, Add	*0.26*	
		For Epoxy Paint, Add	*0.23*	
09 91 13 00-0365	LF	1 Coat Paint, 4" Diameter, Paint Steel Pipes	2.18	
		For Electrostatic Painting, Add	*0.29*	
		For Epoxy Paint, Add	*0.26*	
09 91 13 00-0366	LF	1 Coat Paint, 6" To 8" Diameter, Paint Steel Pipes	2.72	
		For Electrostatic Painting, Add	*0.36*	
		For Epoxy Paint, Add	*0.31*	
09 91 13 00-0367	LF	1 Coat Paint, 10" To 12" Diameter, Paint Steel Pipes	3.44	
		For Electrostatic Painting, Add	*0.45*	
		For Epoxy Paint, Add	*0.39*	
09 91 13 00-0368	LF	2 Coats Paint, 1/2" To 1-1/2" Diameter, Paint Conduit Or Steel Pipe	3.54	
		For Electrostatic Painting, Add	*0.50*	
		For Epoxy Paint, Add	*0.47*	
09 91 13 00-0369	LF	2 Coats Paint, 2" To 3-1/2" Diameter, Paint Conduit Or Steel Pipe	3.86	
		For Electrostatic Painting, Add	*0.52*	
		For Epoxy Paint, Add	*0.45*	
09 91 13 00-0370	LF	2 Coats Paint, 4" Diameter, Paint Steel Pipes	4.18	
		For Electrostatic Painting, Add	*0.56*	
		For Epoxy Paint, Add	*0.50*	
09 91 13 00-0371	LF	2 Coats Paint, 6" To 8" Diameter, Paint Steel Pipes	5.28	
		For Electrostatic Painting, Add	*0.71*	
		For Epoxy Paint, Add	*0.62*	
09 91 13 00-0372	LF	2 Coats Paint, 10" To 12" Diameter, Paint Steel Pipes	6.51	
		For Electrostatic Painting, Add	*0.88*	
		For Epoxy Paint, Add	*0.78*	
09 91 13 00-0373	EA	1 Coat Paint, Paint Exposed Single Or Double Gang Outlet Box	8.17	
		For Electrostatic Painting, Add	*0.87*	
		For Epoxy Paint, Add	*0.52*	
09 91 13 00-0374		**Paint Metal Louvers** *(09 91 13 00-0339)*		
09 91 13 00-0375	SF	1 Coat Primer, Brush/Roller Work, Paint Ventilation Louver, SF Of Opening Area	1.44	
		For Electrostatic Painting, Add	*0.18*	
09 91 13 00-0376	SF	1 Coat Alkyd Paint, Brush/Roller Work, Paint Ventilation Louver, SF Of Opening Area	1.47	
		For Electrostatic Painting, Add	*0.18*	
09 91 13 00-0377	SF	2 Coats Alkyd Paint, Brush/Roller Work, Paint Ventilation Louver, SF Of Opening Area	3.02	
		For Electrostatic Painting, Add	*0.38*	
09 91 13 00-0378		**Paint Ladders** *(09 91 13 00-0339)*		
09 91 13 00-0379	LF	1 Coat Alkyd Primer, Brush/Roller Work, Paint Ladders	3.85	
		For Epoxy Paint, Add	*0.25*	
09 91 13 00-0380	LF	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Ladders	4.30	
		For Epoxy Paint, Add	*0.27*	
09 91 13 00-0381	LF	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Ladders	8.45	
		For Epoxy Paint, Add	*0.50*	
09 91 13 00-0382		**Paint Handrails** *(09 91 13 00-0339)*		
09 91 13 00-0383	LF	1 Coat Alkyd Primer, Brush/Roller Work, 1 Rail, Paint Hand Rail And Bracket	1.56	
		For Epoxy Paint, Add	*0.13*	
09 91 13 00-0384	LF	1 Coat Alkyd Enamel Paint, Brush/Roller Work, 1 Rail, Paint Hand Rail And Bracket	1.72	
		For Epoxy Paint, Add	*0.14*	
09 91 13 00-0385	LF	2 Coats Alkyd Enamel Paint, Brush/Roller Work, 1 Rail, Paint Hand Rail And Bracket	2.81	
		For Epoxy Paint, Add	*0.19*	
09 91 13 00-0386	LF	1 Coat Alkyd Primer, Brush/Roller Work, 1 Rail, Paint Pipe Rail And Pickets	2.95	
		For Epoxy Paint, Add	*0.41*	
09 91 13 00-0387	LF	1 Coat Alkyd Enamel Paint, Brush/Roller Work, 1 Rail, Paint Pipe Rail And Pickets	3.21	
		For Epoxy Paint, Add	*0.42*	
09 91 13 00-0388	LF	2 Coats Alkyd Enamel Paint, Brush/Roller Work, 1 Rail, Paint Pipe Rail And Pickets	5.46	
		For Epoxy Paint, Add	*0.66*	
09 91 13 00-0389	LF	1 Coat Alkyd Primer, Brush/Roller Work, 2 Rails, Paint Pipe Rail And Pickets	3.16	
		For Epoxy Paint, Add	*0.42*	
09 91 13 00-0390	LF	1 Coat Alkyd Enamel Paint, Brush/Roller Work, 2 Rails, Paint Pipe Rail And Pickets	3.45	
		For Epoxy Paint, Add	*0.43*	
09 91 13 00-0391	LF	2 Coats Alkyd Enamel Paint, Brush/Roller Work, 2 Rails, Paint Pipe Rail And Pickets	5.78	
		For Epoxy Paint, Add	*0.68*	
09 91 13 00-0392	LF	1 Coat Alkyd Primer, Brush/Roller Work, Paint Balustrades	1.76	
		For Epoxy Paint, Add	*0.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0393	LF	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Balustrades	1.92	
		For Epoxy Paint, Add	*0.23*	
09 91 13 00-0394	LF	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Balustrades	3.52	
		For Epoxy Paint, Add	*0.43*	
09 91 13 00-0395		**Paint Grating** *(09 91 13 00-0339)*		
09 91 13 00-0396	SF	1 Coat Primer, Brush/Roller Work, Paint Gratings And Frames	2.82	
		For Epoxy Paint, Add	*0.20*	
09 91 13 00-0397	SF	1 Coat Paint, Brush/Roller Work, Paint Gratings And Frames	2.88	
		For Epoxy Paint, Add	*0.22*	
09 91 13 00-0398	SF	2 Coats Paint, Brush/Roller Work, Paint Gratings And Frames	4.34	
		For Epoxy Paint, Add	*0.36*	
09 91 13 00-0399		**Equipment And Tanks** *(09 91 13 00-0339)*		
09 91 13 00-0400		**Paint Valves** *(09 91 13 00-0399)*		
		Note: Includes 1 coat primer and 1 coat paint finish		
09 91 13 00-0401	EA	Prime And Paint 4" And Smaller Valve	30.27	
09 91 13 00-0402	EA	Prime And Paint 6" To 10" Valve	37.27	
09 91 13 00-0403	EA	Prime And Paint 12" To 18" Valve	48.90	
09 91 13 00-0404	EA	Prime And Paint 20" To 24" Valve	65.15	
09 91 13 00-0405	EA	Prime And Paint >24" To 36" Valve	88.41	
09 91 13 00-0406	EA	Prime And Paint >36" To 48" Valve	121.05	
09 91 13 00-0407		**Paint Pumps And Motors** *(09 91 13 00-0399)*		
		Note: Includes 1 coat primer and 1 coat paint finish		
09 91 13 00-0408	EA	Prime And Paint Pump Under 1 HP	93.18	
09 91 13 00-0409	EA	Prime And Paint Pump, 1 HP To 5 HP	123.58	
09 91 13 00-0410	EA	Prime And Paint Pump, >5 HP To 10 HP	149.36	
09 91 13 00-0411	EA	Prime And Paint Pump, >10 HP To 20 HP	168.13	
09 91 13 00-0412	EA	Prime And Paint Pump, >20 HP To 30 HP	196.15	
09 91 13 00-0413	EA	Prime And Paint Pump, >30 HP To 50 HP	224.17	
09 91 13 00-0414	EA	Prime And Paint Pump, >50 HP To 75 HP	247.58	
09 91 13 00-0415	EA	Prime And Paint Pump, >75 HP	280.22	
09 91 13 00-0416		**Paint Storage Tanks** *(09 91 13 00-0399)*		
09 91 13 00-0417	SF	1 Coat Primer, Roller, Paint Storage Tank, Exterior Surface	1.20	
09 91 13 00-0418	SF	1 Coat Paint, Roller, Paint Storage Tank, Exterior Surface	1.60	
09 91 13 00-0419	SF	2 Coats Paint, Roller, Paint Storage Tank, Exterior Surface	3.04	
09 91 13 00-0420	SF	1 Coat Primer, Roller, Paint Storage Tank, Interior Surface	1.59	
09 91 13 00-0421	SF	1 Coat Paint, Roller, Paint Storage Tank, Interior Surface	2.03	
09 91 13 00-0422	SF	2 Coats Paint, Roller, Paint Storage Tank, Interior Surface	3.90	
09 91 13 00-0423	SF	1 Coat Primer, Sprayed, Paint Storage Tank, Exterior Surface	1.29	
09 91 13 00-0424	SF	1 Coat Paint, Sprayed, Paint Storage Tank, Exterior Surface	1.61	
09 91 13 00-0425	SF	2 Coats Paint, Sprayed, Paint Storage Tank, Exterior Surface	3.14	
09 91 13 00-0426	SF	1 Coat Primer, Sprayed, Paint Storage Tank, Interior Surface	1.48	
09 91 13 00-0427	SF	1 Coat Paint, Sprayed, Paint Storage Tank, Interior Surface	1.96	
09 91 13 00-0428	SF	2 Coats Paint, Sprayed, Paint Storage Tank, Interior Surface	3.80	
09 91 13 00-0429		**Other Site Work Painting** *(09 91 13)*		
09 91 13 00-0430		**Paint Fencing** *(09 91 13 00-0429)*		
		Note: Per side of fence. Based on gross fence area (length of fence x height of fence).		
09 91 13 00-0431	SF	1 Coat Paint, Brush/Roller, Paint Existing Chain Link Fence	0.87	
		For Epoxy Paint, Add	*0.11*	
		For Up To 100, Add	*0.53*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
09 91 13 00-0432	SF	2 Coats Paint, Brush/Roller, Paint Existing Chain Link Fence	1.63	
		For Epoxy Paint, Add	*0.21*	
		For Up To 100, Add	*0.96*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.20*	
09 91 13 00-0433	SF	1 Coat Paint, Sprayed, Paint Existing Chain Link Fence	0.82	
		For Epoxy Paint, Add	*0.12*	
		For Electrostatic Painting, Add	*0.12*	
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
09 91 13 00-0434	SF	2 Coats Paint, Sprayed, Paint Existing Chain Link Fence	1.53	
		For Epoxy Paint, Add	*0.24*	
		For Electrostatic Painting, Add	*0.23*	
		For Up To 100, Add	*0.82*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0435	SF	1 Coat Primer, Brush/Roller, Paint Wrought Iron Fence	0.81	
		For Epoxy Paint, Add	*0.12*	
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.09*	
09 91 13 00-0436	SF	1 Coat Paint, Brush/Roller, Paint Wrought Iron Fence	0.75	
		For Epoxy Paint, Add	*0.10*	
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
09 91 13 00-0437	SF	Each Additional Coat, Brush/Roller, Paint Wrought Iron Fence	0.55	
		For Epoxy Paint, Add	*0.09*	
		For Up To 100, Add	*0.29*	
		For >100 To 250, Add	*0.14*	
		For >250 To 500, Add	*0.06*	
09 91 13 00-0438	SF	1 Coat Primer, Brush/Roller, Paint Picket Fence	1.00	
		For Epoxy Paint, Add	*0.09*	
		For Up To 100, Add	*0.67*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
09 91 13 00-0439	SF	1 Coat Paint, Brush/Roller, Paint Picket Fence	1.00	
		For Epoxy Paint, Add	*0.09*	
		For Up To 100, Add	*0.67*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
09 91 13 00-0440	SF	Each Additional Coat, Brush/Roller, Paint Picket Fence	0.73	
		For Epoxy Paint, Add	*0.08*	
		For Up To 100, Add	*0.46*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
09 91 13 00-0441	SF	1 Coat Paint, Brush/Roller, Paint Wood Fences	0.77	
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
09 91 13 00-0442	SF	2 Coats Paint, Brush/Roller, Paint Wood Fences	1.40	
		For Up To 100, Add	*0.77*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.16*	
09 91 13 00-0443	SF	1 Coat Paint, Sprayed, Paint Wood Fences	0.64	
		For Up To 100, Add	*0.34*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.07*	
09 91 13 00-0444	SF	2 Coats Paint, Sprayed, Paint Wood Fences	1.21	
		For Up To 100, Add	*0.63*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.14*	

09 91 13 00-0445 Paint Shutters Or Blinds, Solid Panel *(09 91 13 00-0429)*

09 91 13 00-0446	SF	1 Coat Primer, Brush Work, Paint Shutter Or Blinds, Solid Panel	3.06	
09 91 13 00-0447	SF	1 Coat Paint, Brush Work, Paint Shutter Or Blinds, Solid Panel	3.07	
09 91 13 00-0448	SF	2 Coats Paint, Brush Work, Paint Shutter Or Blinds, Solid Panel	5.47	
09 91 13 00-0449	SF	1 Coat Primer, Sprayed, Paint Shutter Or Blinds, Solid Panel	1.96	
09 91 13 00-0450	SF	1 Coat Paint, Sprayed, Paint Shutter Or Blinds, Solid Panel	1.98	
09 91 13 00-0451	SF	2 Coats Paint, Sprayed, Paint Shutter Or Blinds, Solid Panel	3.68	

09 91 13 00-0452 Paint Shutters Or Blinds, Louvered Panel *(09 91 13 00-0429)*

09 91 13 00-0453	SF	1 Coat Primer, Brush Work, Paint Shutter Or Blinds, Louvered Panel	3.77	
09 91 13 00-0454	SF	1 Coat Paint, Brush Work, Paint Shutter Or Blinds, Louvered Panel	3.78	
09 91 13 00-0455	SF	2 Coats Paint, Brush Work, Paint Shutter Or Blinds, Louvered Panel	6.73	
09 91 13 00-0456	SF	1 Coat Primer, Sprayed, Paint Shutter Or Blinds, Louvered Panel	2.37	
09 91 13 00-0457	SF	1 Coat Paint, Sprayed, Paint Shutter Or Blinds, Louvered Panel	2.39	
09 91 13 00-0458	SF	2 Coats Paint, Sprayed, Paint Shutter Or Blinds, Louvered Panel	4.43	

09 91 13 00-0459 Paint Flagpoles *(09 91 13 00-0429)*

09 91 13 00-0460	EA	1 Coat Paint, 20' High, Paint Steel Flagpole	233.50	
09 91 13 00-0461	EA	1 Coat Paint, 30' High, Paint Steel Flagpole	315.06	
09 91 13 00-0462	EA	1 Coat Paint, 40' High, Paint Steel Flagpole	396.65	
09 91 13 00-0463	EA	1 Coat Paint, 50' High, Paint Steel Flagpole	478.27	
09 91 13 00-0464	EA	1 Coat Paint, 70' High, Paint Steel Flagpole	629.65	
09 91 13 00-0465	EA	1 Coat Paint, 80' High, Paint Steel Flagpole	709.78	
09 91 13 00-0466	EA	1 Coat Paint, 90' High, Paint Steel Flagpole	789.92	

09 91 13 00-0467 Paint Lattice Or Trellis *(09 91 13 00-0429)*

09 91 13 00-0468	SF	1 Coat Paint, Sprayed, Per Side, Paint Wood Lattice Or Trellis	1.54	
		For Up To 100, Add	*1.02*	
		For >100 To 250, Add	*0.48*	
		For >250 To 500, Add	*0.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0469	SF	2 Coats Paint, Sprayed, Per Side, Paint Wood Lattice Or Trellis	2.86	
		For Up To 100, Add	*1.87*	
		For >100 To 250, Add	*0.89*	
		For >250 To 500, Add	*0.38*	

09 91 13 00-0470 Paint Exterior Stairs *(09 91 13)*

09 91 13 00-0471 Paint Exterior Concrete Stairs *(09 91 13 00-0470)*

09 91 13 00-0472	RSR	1 Coat Primer, Brush/Roller Work, Paint Exterior Concrete Stair (To 4' Wide)	16.75	
09 91 13 00-0473	RSR	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Exterior Concrete Stair (To 4' Wide)	16.75	
09 91 13 00-0474	RSR	1 Coat Non-Slip Paint, Brush/Roller Work, Paint Exterior Concrete Stair (To 4' Wide)	22.93	
09 91 13 00-0475	RSR	1 Coat Non-Slip Epoxy Paint, Brush/Roller Work, Paint Exterior Concrete Stair (To 4' Wide)	40.89	
09 91 13 00-0476	RSR	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Exterior Concrete Stair (To 4' Wide)	33.51	

09 91 13 00-0477 Paint Exterior Metal Stairs *(09 91 13 00-0470)*

09 91 13 00-0478	RSR	1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Stair (To 4' Wide)	8.90	
		For Oil Based Paint, Add	*0.49*	
09 91 13 00-0479	RSR	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Exterior Metal Stair (To 4' Wide)	8.90	
		For Oil Based Paint, Add	*0.49*	
09 91 13 00-0480	RSR	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Exterior Metal Stair (To 4' Wide)	17.80	
		For Oil Based Paint, Add	*0.98*	

09 91 13 00-0481 Paint Exterior Wood Stairs *(09 91 13 00-0470)*

09 91 13 00-0482	RSR	1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Stair (To 4' Wide)	8.77	
09 91 13 00-0483	RSR	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Exterior Wood Stair (To 4' Wide)	8.77	
09 91 13 00-0484	RSR	1 Coat Non-Slip Paint, Brush/Roller Work, Paint Exterior Wood Stair (To 4' Wide)	14.95	
09 91 13 00-0485	RSR	1 Coat Non-Slip Epoxy Paint, Brush/Roller Work, Paint Exterior Wood Stair (To 4' Wide)	32.91	
09 91 13 00-0486	RSR	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Exterior Wood Stair (To 4' Wide)	17.54	

09 91 13 00-0487 Paint Exterior Stair Nosing *(09 91 13 00-0470)*

09 91 13 00-0488	LF	1 Coat Paint, Up To 2", Non-Slip, Brush Work, Paint Exterior Yellow Stair Safety Strip	1.64	

09 91 13 00-0489 Paint Exterior Trim *(09 91 13)*

09 91 13 00-0490 Paint Exterior Metal Trim And Gutters *(09 91 13 00-0489)*

09 91 13 00-0491	SF	1 Coat Primer, Brush Work, Paint Exterior Exposed Metal Trim	1.18	
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20'.		
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.52*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0492	SF	1 Coat Paint, Brush Work, Paint Exterior Exposed Metal Trim	1.28	
		For Work >20' To 30' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 20'.		
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.57*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0493	SF	2 Coats Paint, Brush Work, Paint Exterior Exposed Metal Trim	2.32	
		For Work >20' To 30' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 20'.		
		For Work >15' To 20' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.74*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.01*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0494	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Exposed Metal Trim	1.07	
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20'.		
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0495	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Exposed Metal Trim	1.17	
		For Work >20' To 30' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 20'.		
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.51*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0496	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Exposed Metal Trim	2.09	
		For Work >20' To 30' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 20'.		
		For Work >15' To 20' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.64*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.89*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0497	LF	1 Coat Paint, Brush Work, Paint Exterior Gutter And Downspout	1.84	
		For Work >20' To 30' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 20'.		
		For Work >15' To 20' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.61*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.84*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0498	LF	2 Coats Paint, Brush Work, Paint Exterior Gutter And Downspout	2.28	
		For Work >20' To 30' Above Floor, Add	*0.56*	
		Note: Applied only to work area above 20'.		
		For Work >15' To 20' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.89*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.22*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0499		Paint Exterior Wood Trim *(09 91 13 00-0489)*		
09 91 13 00-0500	SF	1 Coat Primer, Brush Work, Paint Exterior Wood Trim	1.71	
		For Work >20' To 30' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.03*	
		For >100 To 250, Add	*0.49*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.26*	
		For >20,000, Deduct	*-0.34*	
		For Oil Based Paint, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.52*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.71*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0501	SF	1 Coat Paint, Brush Work, Paint Exterior Wood Trim	1.85	
		For Work >20' To 30' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.11*	
		For >100 To 250, Add	*0.53*	
		For >250 To 500, Add	*0.23*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.28*	
		For >20,000, Deduct	*-0.37*	
		For Oil Based Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.56*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.76*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0502	SF	2 Coats Paint, Brush Work, Paint Exterior Wood Trim	3.39	
		For Work >20' To 30' Above Floor, Add	*0.62*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.99*	
		For >100 To 250, Add	*0.96*	
		For >250 To 500, Add	*0.42*	
		For >2,500 To 5,000, Deduct	*-0.17*	
		For >5,000 To 10,000, Deduct	*-0.34*	
		For >10,000 To 20,000, Deduct	*-0.51*	
		For >20,000, Deduct	*-0.68*	
		For Oil Based Paint, Add	*0.22*	
		For Work >15' To 20' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.99*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.36*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0503	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Trim	1.38	
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.78*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.28*	
		For Oil Based Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0504	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Trim	1.54	
		For Work >20' To 30' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.88*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.31*	
		For Oil Based Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.59*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0505	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Wood Trim	2.87	
		For Work >20' To 30' Above Floor, Add	*0.49*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.60*	
		For >100 To 250, Add	*0.77*	
		For >250 To 500, Add	*0.34*	
		For >2,500 To 5,000, Deduct	*-0.14*	
		For >5,000 To 10,000, Deduct	*-0.29*	
		For >10,000 To 20,000, Deduct	*-0.43*	
		For >20,000, Deduct	*-0.57*	
		For Oil Based Paint, Add	*0.19*	
		For Work >15' To 20' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.78*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.07*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0506	SF	1 Coat Primer, Sprayed, Paint Exterior Wood Trim	1.19	
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
		For Oil Based Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0507	SF	1 Coat Paint, Sprayed, Paint Exterior Wood Trim	1.32	
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.68*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.26*	
		For Oil Based Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.45*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0508	SF	2 Coats Paint, Sprayed, Paint Exterior Wood Trim	2.52	
		For Work >20' To 30' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.28*	
		For >100 To 250, Add	*0.63*	
		For >250 To 500, Add	*0.28*	
		For >2,500 To 5,000, Deduct	*-0.13*	
		For >5,000 To 10,000, Deduct	*-0.25*	
		For >10,000 To 20,000, Deduct	*-0.38*	
		For >20,000, Deduct	*-0.50*	
		For Oil Based Paint, Add	*0.18*	
		For Work >15' To 20' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >30' To 40' Above Floor, Add	*0.60*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.83*	
		Note: Applied only to work area above 40'.		

09 91 13 00-0509 Paint Exterior Miscellaneous Metal Surfaces *(09 91 13)*

09 91 13 00-0510	SF	1 Coat Alkyd Anticorrosive Metal Primer, Brush/Roller Work, Paint Exterior Miscellaneous Metal Surfaces	1.43	
		For Epoxy Paint, Add	*0.19*	
		For Electrostatic Painting, Add	*0.20*	
09 91 13 00-0511	SF	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Exterior Miscellaneous Metal Surfaces	1.30	
		For Epoxy Paint, Add	*0.14*	
		For Electrostatic Painting, Add	*0.17*	
09 91 13 00-0512	SF	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Exterior Miscellaneous Metal Surfaces	2.64	
		For Epoxy Paint, Add	*0.29*	
		For Electrostatic Painting, Add	*0.35*	

09 91 23 Interior Painting *(09 91)*

Note: Acrylic latex paint unless otherwise stated. VOC compliant in all regulated areas, review specifications for levels. Paint tasks covers all paint sheens: flat, eggshell, satin, semi-gloss, or gloss. See CSI section 09 91 13 00-0339 for additional interior materials.

09 91 23 00-0001 Paint Interior Walls *(09 91 23)*

09 91 23 00-0002 Paint Interior Brick Walls *(09 91 23 00-0001)*

09 91 23 00-0003	LF	1 Coat Paint, Cut-in Brush Work, Paint Interior Brick Walls	0.20	
		For Up To 100, Add	*0.13*	
		For >100 To 250, Add	*0.06*	
		For >250 To 500, Add	*0.03*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.03*	
		For >20,000, Deduct	*-0.04*	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.04*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0004	SF	1 Coat Filler, Brush Work, Paint Interior Brick Walls	1.05	
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0005	SF	1 Coat Paint, Brush Work, Paint Interior Brick Walls	1.21	
		For Up To 100, Add	*0.76*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0006	SF	2 Coat Paint, Brush Work, Paint Interior Brick Walls	2.17	
		For Up To 100, Add	*1.33*	
		For >100 To 250, Add	*0.64*	
		For >250 To 500, Add	*0.28*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.22*	
		For >10,000 To 20,000, Deduct	*-0.33*	
		For >20,000, Deduct	*-0.43*	
		For Oil Based Paint, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.67*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.92*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0007	SF	1 Coat Filler, Brush/Roller Work, Paint Interior Brick Walls	0.87	
		For Up To 100, Add	*0.53*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0008	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Brick Walls	1.07	
		For Up To 100, Add	*0.62*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0009	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Brick Walls	1.86	
		For Up To 100, Add	*1.06*	
		For >100 To 250, Add	*0.51*	
		For >250 To 500, Add	*0.22*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.28*	
		For >20,000, Deduct	*-0.37*	
		For Oil Based Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.52*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.72*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0010	SF	1 Coat Filler, Sprayed, Paint Interior Brick Walls	0.79	
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
		For Oil Based Paint, Add	*0.05*	
		For Backroll, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0011	SF	1 Coat Paint, Sprayed, Paint Interior Brick Walls	0.89	
		For Up To 100, Add	*0.46*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.18*	
		For Oil Based Paint, Add	*0.06*	
		For Backroll, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0012	SF	2 Coats Paint, Sprayed, Paint Interior Brick Walls	1.52	
		For Up To 100, Add	*0.79*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.30*	
		For Oil Based Paint, Add	*0.11*	
		For Backroll, Add	*0.17*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.51*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0013	SF	1 Coat Bonding Agent, Brush Work, Paint Interior Brick Walls	1.09	
		For Up To 100, Add	*0.67*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.22*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0014	SF	1 Coat Bonding Agent, Brush/Roller Work, Paint Interior Brick Walls	0.91	
		For Up To 100, Add	*0.53*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0015	SF	1 Coat Bonding Agent, Sprayed, Paint Interior Brick Walls	0.84	
		For Up To 100, Add	*0.46*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
		For Backroll, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 40'.		

09 91 23 00-0016 Paint Interior Concrete Walls *(09 91 23 00-0001)*

09 91 23 00-0017	SF	1 Coat Filler, Brush Work, Paint Interior Concrete Walls	0.89	
		For Up To 100, Add	*0.57*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.18*	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0018	SF	1 Coat Paint, Brush Work, Paint Interior Concrete Walls	0.97	
		For Up To 100, Add	*0.64*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.19*	
		For Oil Based Paint, Add	*0.06*	
		For Epoxy Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0019	SF	2 Coats Paint, Brush Work, Paint Interior Concrete Walls	1.79	
		For Up To 100, Add	*1.19*	
		For >100 To 250, Add	*0.56*	
		For >250 To 500, Add	*0.24*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.27*	
		For >20,000, Deduct	*-0.36*	
		For Oil Based Paint, Add	*0.10*	
		For Epoxy Paint, Add	*0.16*	
		For Work >15' To 20' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.62*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.85*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0020	SF	1 Coat Filler, Brush/Roller Work, Paint Interior Concrete Walls	0.72	
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0021	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Concrete Walls	0.81	
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0022	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Concrete Walls	1.50	
		For Up To 100, Add	*0.96*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.30*	
		For Oil Based Paint, Add	*0.09*	
		For Epoxy Paint, Add	*0.16*	
		For Work >15' To 20' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.49*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.67*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0023	SF	1 Coat Filler, Sprayed, Paint Interior Concrete Walls	0.63	
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.13*	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.09*	
		For Backroll, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0024	SF	1 Coat Paint, Sprayed, Paint Interior Concrete Walls	0.72	
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.09*	
		For Backroll, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0025	SF	2 Coats Paint, Sprayed, Paint Interior Concrete Walls	1.16	
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
		For Oil Based Paint, Add	*0.08*	
		For Epoxy Paint, Add	*0.16*	
		For Backroll, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.45*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0026	SF	1 Coat Bonding Agent, Brush Work, Paint Interior Concrete Walls	0.93	
		For Up To 100, Add	*0.57*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0027	SF	1 Coat Bonding Agent, Brush/Roller Work, Paint Interior Concrete Walls	0.76	
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0028	SF	1 Coat Bonding Agent, Sprayed, Paint Interior Concrete Walls	0.67	
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
		For Backroll, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0029	LF	1 Coat Paint, Cut-in Brush Work, Paint Interior Concrete Walls	0.16	
		For Up To 100, Add	*0.11*	
		For >100 To 250, Add	*0.05*	
		For >250 To 500, Add	*0.02*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.02*	
		For >20,000, Deduct	*-0.03*	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.04*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 40'.		

09 91 23 00-0030 Paint Interior Concrete Block Walls *(09 91 23 00-0001)*

09 91 23 00-0031 Paint Interior Concrete Block Walls, Epoxy Paint *(09 91 23 00-0030)*

09 91 23 00-0032	LF	1 Coat Epoxy Paint, Cut-in Brush Work, Paint Interior Concrete Block Walls	0.49	
		For Up To 100, Add	*0.18*	
		For >100 To 250, Add	*0.09*	
		For >250 To 500, Add	*0.04*	
		For >2,500 To 5,000, Deduct	*-0.02*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 20,000, Deduct	*-0.07*	
		For >20,000, Deduct	*-0.10*	
		For Work >15' To 20' Above Floor, Add	*0.03*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.05*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0033	SF	1 Coat Epoxy Filler, Brush Work, Paint Interior Concrete Block Walls	1.24	
		For Up To 100, Add	*0.74*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.25*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.51*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0034	SF	1 Coat Epoxy Paint, Brush Work, Paint Interior Concrete Block Walls	1.44	
		For Up To 100, Add	*0.89*	
		For >100 To 250, Add	*0.43*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.22*	
		For >20,000, Deduct	*-0.29*	
		For Work >15' To 20' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.45*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.62*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0035	SF	2 Coats Epoxy Paint, Brush Work, Paint Interior Concrete Block Walls	2.58	
		For Up To 100, Add	*1.56*	
		For >100 To 250, Add	*0.75*	
		For >250 To 500, Add	*0.32*	
		For >2,500 To 5,000, Deduct	*-0.13*	
		For >5,000 To 10,000, Deduct	*-0.26*	
		For >10,000 To 20,000, Deduct	*-0.39*	
		For >20,000, Deduct	*-0.52*	
		For Work >15' To 20' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.49*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.78*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.07*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0036	SF	1 Coat Epoxy Filler, Brush/Roller Work, Paint Interior Concrete Block Walls	1.02	
		For Up To 100, Add	*0.58*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0037	SF	1 Coat Epoxy Paint, Brush/Roller Work, Paint Interior Concrete Block Walls	1.13	
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.45*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0038	SF	2 Coats Epoxy Paint, Brush/Roller Work, Paint Interior Concrete Block Walls	2.14	
		For Up To 100, Add	*1.23*	
		For >100 To 250, Add	*0.59*	
		For >250 To 500, Add	*0.26*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.32*	
		For >20,000, Deduct	*-0.43*	
		For Work >15' To 20' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.60*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.83*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0039	SF	1 Coat Epoxy Filler, Sprayed, Paint Interior Concrete Block Walls	0.87	
		For Up To 100, Add	*0.42*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
		For Backroll, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0040	SF	1 Coat Epoxy Paint, Sprayed, Paint Interior Concrete Block Walls	1.06	
		For Up To 100, Add	*0.57*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
		For Backroll, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0041	SF	2 Coats Epoxy Paint, Sprayed, Paint Interior Concrete Block Walls	1.94	
		For Up To 100, Add	*0.98*	
		For >100 To 250, Add	*0.48*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.29*	
		For >20,000, Deduct	*-0.39*	
		For Backroll, Add	*0.21*	
		For Work >15' To 20' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.63*	
		Note: Applied only to work area above 40'.		

09 91 23 00-0042 Paint Interior Concrete Block Walls, Acrylic Latex Paint *(09 91 23 00-0030)*

09 91 23 00-0043	LF	1 Coat Paint, Cut-in Brush Work, Paint Interior Concrete Block Walls	0.23	
		For Up To 100, Add	*0.14*	
		For >100 To 250, Add	*0.07*	
		For >250 To 500, Add	*0.03*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.03*	
		For >20,000, Deduct	*-0.05*	
		For Oil Based Paint, Add	*0.01*	
		For Work >15' To 20' Above Floor, Add	*0.03*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.05*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0044	SF	1 Coat Filler, Brush Work, Paint Interior Concrete Block Walls	1.15	
		For Up To 100, Add	*0.74*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.52*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0045	SF	1 Coat Paint, Brush Work, Paint Interior Concrete Block Walls	1.37	
		For Up To 100, Add	*0.86*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.27*	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.60*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0046	SF	2 Coats Paint, Brush Work, Paint Interior Concrete Block Walls	2.49	
		For Up To 100, Add	*1.53*	
		For >100 To 250, Add	*0.73*	
		For >250 To 500, Add	*0.32*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.25*	
		For >10,000 To 20,000, Deduct	*-0.37*	
		For >20,000, Deduct	*-0.50*	
		For Oil Based Paint, Add	*0.15*	
		For Work >15' To 20' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.77*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.06*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0047	SF	1 Coat Texture Paint, Brush Work, Paint Interior Concrete Block Walls	1.51	
		For Up To 100, Add	*0.95*	
		For >100 To 250, Add	*0.45*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.30*	
		For Oil Based Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.66*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0048	SF	1 Coat Filler, Brush/Roller Work, Paint Interior Concrete Block Walls	0.97	
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.19*	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0049	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Concrete Block Walls	1.16	
		For Up To 100, Add	*0.70*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0050	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Concrete Block Walls	2.08	
		For Up To 100, Add	*1.22*	
		For >100 To 250, Add	*0.59*	
		For >250 To 500, Add	*0.26*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.31*	
		For >20,000, Deduct	*-0.42*	
		For Oil Based Paint, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.61*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.84*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0051	SF	1 Coat Texture Paint, Brush/Roller Work, Paint Interior Concrete Block Walls	1.29	
		For Up To 100, Add	*0.78*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.26*	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.54*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0052	SF	1 Coat Filler, Sprayed, Paint Interior Concrete Block Walls	0.89	
		For Up To 100, Add	*0.50*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.18*	
		For Oil Based Paint, Add	*0.06*	
		For Backroll, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0053	SF	1 Coat Paint, Sprayed, Paint Interior Concrete Block Walls	1.03	
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.21*	
		For Oil Based Paint, Add	*0.07*	
		For Backroll, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0054	SF	2 Coats Paint, Sprayed, Paint Interior Concrete Block Walls	1.68	
		For Up To 100, Add	*0.86*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.25*	
		For >20,000, Deduct	*-0.34*	
		For Oil Based Paint, Add	*0.12*	
		For Backroll, Add	*0.19*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.56*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0055	SF	1 Coat Texture Paint, Sprayed, Paint Interior Concrete Block Walls	1.19	
		For Up To 100, Add	*0.64*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
		For Oil Based Paint, Add	*0.08*	
		For Backroll, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 40'.		

09 91 23 00-0056 Paint Interior Concrete Block Walls With Bonding Agent *(09 91 23 00-0030)*

09 91 23 00-0057	SF	1 Coat Bonding Agent, Brush Work, Paint Interior Concrete Block Walls	1.19	
		For Up To 100, Add	*0.74*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.52*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0058	SF	1 Coat Bonding Agent, Brush/Roller Work, Paint Interior Concrete Block Walls	1.01	
		For Up To 100, Add	*0.61*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0059	SF	1 Coat Bonding Agent, Sprayed, Paint Interior Concrete Block Walls	0.94	
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
		For Backroll, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0060		Paint Interior Plaster/Drywall Walls *(09 91 23 00-0001)*		
09 91 23 00-0061		Paint Interior Plaster/Drywall Walls *(09 91 23 00-0060)*		
09 91 23 00-0062	LF	1 Coat Paint, Cut-in Brush Work, Paint Interior Plaster/Drywall Walls	0.16	
		For Up To 100, Add	*0.11*	
		For >100 To 250, Add	*0.05*	
		For >250 To 500, Add	*0.02*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.02*	
		For >20,000, Deduct	*-0.03*	
		For Oil Based Paint, Add	*0.01*	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.04*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0063	SF	1 Coat Primer, Brush Work, Paint Interior Plaster/Drywall Walls	0.93	
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
		For Oil Based Paint, Add	*0.06*	
		For Orange Peel Finish, Add	*0.13*	
		For Epoxy Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0064	SF	1 Coat Paint, Brush Work, Paint Interior Plaster/Drywall Walls	0.98	
		For Up To 100, Add	*0.65*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
		For Oil Based Paint, Add	*0.06*	
		For Orange Peel Finish, Add	*0.14*	
		For Epoxy Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0065	SF	2 Coats Paint, Brush Work, Paint Interior Plaster/Drywall Walls	1.79	
		For Up To 100, Add	*1.17*	
		For >100 To 250, Add	*0.56*	
		For >250 To 500, Add	*0.24*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.27*	
		For >20,000, Deduct	*-0.36*	
		For Oil Based Paint, Add	*0.10*	
		For Orange Peel Finish, Add	*0.25*	
		For Epoxy Paint, Add	*0.17*	
		For Work >15' To 20' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.60*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.83*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0066	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Plaster/Drywall Walls	0.74	
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
		For Oil Based Paint, Add	*0.05*	
		For Orange Peel Finish, Add	*0.10*	
		For Epoxy Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0067	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Plaster/Drywall Walls	0.84	
		For Up To 100, Add	*0.53*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
		For Oil Based Paint, Add	*0.05*	
		For Orange Peel Finish, Add	*0.12*	
		For Epoxy Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0068	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Plaster/Drywall Walls	1.50	
		For Up To 100, Add	*0.94*	
		For >100 To 250, Add	*0.45*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.30*	
		For Oil Based Paint, Add	*0.09*	
		For Orange Peel Finish, Add	*0.20*	
		For Epoxy Paint, Add	*0.17*	
		For Work >15' To 20' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.65*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0069	SF	1 Coat Primer, Sprayed, Paint Interior Plaster/Drywall Walls	0.67	
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.10*	
		For Backroll, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0070	SF	1 Coat Paint, Sprayed, Paint Interior Plaster/Drywall Walls	0.72	
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.09*	
		For Backroll, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0071	SF	2 Coats Paint, Sprayed, Paint Interior Plaster/Drywall Walls	1.16	
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
		For Oil Based Paint, Add	*0.08*	
		For Epoxy Paint, Add	*0.16*	
		For Backroll, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.45*	
		Note: Applied only to work area above 40'.		

09 91 23 00-0072 Paint Interior Plaster/Drywall Or Masonry Walls With Polymix Multi-Color Paint *(09 91 23 00-0060)*

09 91 23 00-0073	SF	2 Tone Polymix With Base Coat, Sprayed, Paint Interior Plaster/Drywall Or Masonry Walls	2.00	
		For Up To 100, Add	*0.88*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.30*	
		For >20,000, Deduct	*-0.40*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 40'.		

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0074	SF	3 Tone Polymix With Base Coat, Sprayed, Paint Interior Plaster/Drywall Or Masonry Walls	2.18	
		For Up To 100, Add	*0.90*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.22*	
		For >10,000 To 20,000, Deduct	*-0.33*	
		For >20,000, Deduct	*-0.44*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0075	SF	4 Tone Polymix With Base Coat, Sprayed, Paint Interior Plaster/Drywall Or Masonry Walls	2.35	
		For Up To 100, Add	*0.93*	
		For >100 To 250, Add	*0.48*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.24*	
		For >10,000 To 20,000, Deduct	*-0.35*	
		For >20,000, Deduct	*-0.47*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 40'.		

09 91 23 00-0076 Paint Interior Plaster/Drywall Walls, Acoustic Texture *(09 91 23 00-0060)*

09 91 23 00-0077	SF	1 Coat Primer, Sprayed, Acoustic Texture, Paint Interior Plaster/Drywall Walls	0.82	
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0078	SF	1 Coat Finish, Sprayed, Acoustic Texture, Paint Interior Plaster/Drywall Walls	0.96	
		For Up To 100, Add	*0.55*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0079	SF	2 Coats Finish, Sprayed, Acoustic Texture, Paint Interior Plaster/Drywall Walls	1.51	
		For Up To 100, Add	*0.80*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.30*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.52*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0080	SF	Stipple Finish (Drippowder), Paint Interior Plaster/Drywall Walls	1.50	
		For Up To 100, Add	*1.06*	
		For >100 To 250, Add	*0.50*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.30*	
		For Work >15' To 20' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.56*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.76*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0081		Paint Interior Metal Walls *(09 91 23 00-0001)*		
09 91 23 00-0082		Paint Interior Galvanized Walls *(09 91 23 00-0081)*		
		Note: Linseed oil or acrylic latex paint.		
09 91 23 00-0083	SF	1 Coat Primer, Brush Work, Paint Interior Galvanized Wall Surfaces	1.21	
		For Up To 100, Add	*0.69*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
		For Electrostatic Painting, Add	*0.18*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0084	SF	1 Coat Paint, Brush Work, Paint Interior Galvanized Wall Surfaces	1.33	
		For Up To 100, Add	*0.78*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.27*	
		For Electrostatic Painting, Add	*0.19*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0085	SF	2 Coats Paint, Brush Work, Paint Interior Galvanized Wall Surfaces	2.43	
		For Up To 100, Add	*1.37*	
		For >100 To 250, Add	*0.66*	
		For >250 To 500, Add	*0.29*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.24*	
		For >10,000 To 20,000, Deduct	*-0.36*	
		For >20,000, Deduct	*-0.49*	
		For Electrostatic Painting, Add	*0.36*	
		For Work >15' To 20' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.67*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.92*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0086	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Galvanized Walls	0.91	
		For Up To 100, Add	*0.50*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
		For Electrostatic Painting, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0087	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Galvanized Wall	1.04	
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
		For Electrostatic Painting, Add	*0.15*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0088	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Galvanized Walls	1.96	
		For Up To 100, Add	*1.09*	
		For >100 To 250, Add	*0.53*	
		For >250 To 500, Add	*0.23*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.29*	
		For >20,000, Deduct	*-0.39*	
		For Electrostatic Painting, Add	*0.29*	
		For Work >15' To 20' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.73*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0089	SF	1 Coat Primer, Sprayed, Paint Interior Galvanized Walls	0.81	
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
		For Electrostatic Painting, Add	*0.15*	
		For Backroll, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0090	SF	1 Coat Paint, Sprayed, Paint Interior Galvanized Walls	1.04	
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
		For Electrostatic Painting, Add	*0.17*	
		For Backroll, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0091	SF	2 Coats Paint, Sprayed, Paint Interior Galvanized Walls	1.77	
		For Up To 100, Add	*0.81*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.27*	
		For >20,000, Deduct	*-0.35*	
		For Electrostatic Painting, Add	*0.31*	
		For Backroll, Add	*0.18*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.50*	
		Note: Applied only to work area above 40'.		

09 91 23 00-0092 Paint Interior Aluminum And Aluminum Alloy Walls *(09 91 23 00-0081)*

Note: Alkyd enamel paint.

09 91 23 00-0093	SF	1 Coat Primer, Brush Work, Paint Interior Aluminum And Aluminum Alloy Wall Surfaces	1.21	
		For Up To 100, Add	*0.69*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
		For Electrostatic Painting, Add	*0.18*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0094	SF	1 Coat Paint, Brush Work, Paint Interior Aluminum And Aluminum Alloy Wall Surfaces	1.33	
		For Up To 100, Add	*0.78*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.27*	
		For Electrostatic Painting, Add	*0.19*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0095	SF	2 Coats Paint, Brush Work, Paint Interior Aluminum And Aluminum Alloy Wall Surfaces	2.42	
		For Up To 100, Add	*1.37*	
		For >100 To 250, Add	*0.66*	
		For >250 To 500, Add	*0.29*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.24*	
		For >10,000 To 20,000, Deduct	*-0.36*	
		For >20,000, Deduct	*-0.48*	
		For Electrostatic Painting, Add	*0.35*	
		For Work >15' To 20' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.67*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.92*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0096	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Aluminum And Aluminum Alloy Walls	1.03	
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.21*	
		For Electrostatic Painting, Add	*0.17*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0097	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Aluminum And Aluminum Alloy Walls	1.15	
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
		For Electrostatic Painting, Add	*0.18*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0098	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Aluminum And Aluminum Alloy Walls	2.18	
		For Up To 100, Add	*1.12*	
		For >100 To 250, Add	*0.55*	
		For >250 To 500, Add	*0.24*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.22*	
		For >10,000 To 20,000, Deduct	*-0.33*	
		For >20,000, Deduct	*-0.44*	
		For Electrostatic Painting, Add	*0.35*	
		For Work >15' To 20' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.73*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0099	SF	1 Coat Primer, Sprayed, Paint Interior Aluminum And Aluminum Alloy Walls	0.89	
		For Up To 100, Add	*0.41*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.18*	
		For Electrostatic Painting, Add	*0.15*	
		For Backroll, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0100	SF	1 Coat Paint, Sprayed, Paint Interior Aluminum And Aluminum Alloy Walls	1.04	
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
		For Electrostatic Painting, Add	*0.17*	
		For Backroll, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0101	SF	2 Coats Paint, Sprayed, Paint Interior Aluminum And Aluminum Alloy Walls	1.77	
		For Up To 100, Add	*0.81*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.27*	
		For >20,000, Deduct	*-0.35*	
		For Electrostatic Painting, Add	*0.31*	
		For Backroll, Add	*0.18*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.50*	
		Note: Applied only to work area above 40'.		

09 91 23 00-0102 Paint Interior Corrugated Metal Walls *(09 91 23 00-0081)*

09 91 23 00-0103	SF	1 Coat Primer, Sprayed, Paint Interior Corrugated Metal Walls	0.99	
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
		For Electrostatic Painting, Add	*0.17*	
		For Backroll, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0104	SF	1 Coat Paint, Sprayed, Paint Interior Corrugated Metal Walls	1.29	
		For Up To 100, Add	*0.67*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.26*	
		For Electrostatic Painting, Add	*0.20*	
		For Backroll, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0105	SF	2 Coats Paint, Sprayed, Paint Interior Corrugated Metal Walls	2.20	
		For Up To 100, Add	*1.06*	
		For >100 To 250, Add	*0.52*	
		For >250 To 500, Add	*0.23*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.22*	
		For >10,000 To 20,000, Deduct	*-0.33*	
		For >20,000, Deduct	*-0.44*	
		For Electrostatic Painting, Add	*0.37*	
		For Backroll, Add	*0.23*	
		For Work >15' To 20' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.67*	
		Note: Applied only to work area above 40'.		

09 91 23 00-0106 Paint Interior Stucco Walls *(09 91 23 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0107	LF	1 Coat Paint, Cut-in Brush Work, Paint Interior Stucco Wall Surfaces	0.28	
		For Up To 100, Add	*0.19*	
		For >100 To 250, Add	*0.09*	
		For >250 To 500, Add	*0.04*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 20,000, Deduct	*-0.04*	
		For >20,000, Deduct	*-0.06*	
		For Oil Based Paint, Add	*0.02*	
		For Work >15' To 20' Above Floor, Add	*0.04*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0108	SF	1 Coat Primer, Brush Work, Paint Interior Stucco Wall Surfaces	1.53	
		For Up To 100, Add	*1.02*	
		For >100 To 250, Add	*0.48*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.31*	
		For Oil Based Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.73*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0109	SF	1 Coat Paint, Brush Work, Paint Interior Stucco Wall Surfaces	1.68	
		For Up To 100, Add	*1.12*	
		For >100 To 250, Add	*0.53*	
		For >250 To 500, Add	*0.23*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.25*	
		For >20,000, Deduct	*-0.34*	
		For Oil Based Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.58*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.79*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0110	SF	2 Coats Paint, Brush Work, Paint Interior Stucco Wall Surfaces	2.99	
		For Up To 100, Add	*1.95*	
		For >100 To 250, Add	*0.92*	
		For >250 To 500, Add	*0.40*	
		For >2,500 To 5,000, Deduct	*-0.15*	
		For >5,000 To 10,000, Deduct	*-0.30*	
		For >10,000 To 20,000, Deduct	*-0.45*	
		For >20,000, Deduct	*-0.60*	
		For Oil Based Paint, Add	*0.17*	
		For Work >15' To 20' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.63*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*1.00*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.38*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0111	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Stucco Wall Surfaces	1.16	
		For Up To 100, Add	*0.74*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.52*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0112	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Stucco Wall Surfaces	1.32	
		For Up To 100, Add	*0.85*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.26*	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.59*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0113	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Stucco Wall Surfaces	2.42	
		For Up To 100, Add	*1.52*	
		For >100 To 250, Add	*0.72*	
		For >250 To 500, Add	*0.31*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.24*	
		For >10,000 To 20,000, Deduct	*-0.36*	
		For >20,000, Deduct	*-0.48*	
		For Oil Based Paint, Add	*0.15*	
		For Work >15' To 20' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.77*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.06*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0114	SF	1 Coat Primer, Sprayed, Paint Interior Stucco Wall Surfaces	0.87	
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
		For Oil Based Paint, Add	*0.06*	
		For Backroll, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0115	SF	1 Coat Paint, Sprayed, Paint Interior Stucco Wall Surfaces	1.08	
		For Up To 100, Add	*0.62*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.22*	
		For Oil Based Paint, Add	*0.07*	
		For Backroll, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0116	SF	2 Coats Paint, Sprayed, Paint Interior Stucco Wall Surfaces	2.09	
		For Up To 100, Add	*1.23*	
		For >100 To 250, Add	*0.59*	
		For >250 To 500, Add	*0.26*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.31*	
		For >20,000, Deduct	*-0.42*	
		For Oil Based Paint, Add	*0.13*	
		For Backroll, Add	*0.26*	
		For Work >15' To 20' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.61*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.84*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0117		Paint Interior Wood Walls *(09 91 23 00-0001)*		
09 91 23 00-0118		Interior Wood Walls *(09 91 23 00-0117)*		
09 91 23 00-0119	LF	1 Coat Paint, Cut-in Brush Work, Paint Interior Wood Wall Surfaces	0.19	
		For Up To 100, Add	*0.12*	
		For >100 To 250, Add	*0.06*	
		For >250 To 500, Add	*0.03*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.03*	
		For >20,000, Deduct	*-0.04*	
		For Oil Based Paint, Add	*0.01*	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.04*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0120	SF	1 Coat Paint, Brush Work, Paint Interior Wood Wall Surfaces	1.14	
		For Up To 100, Add	*0.75*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0121	SF	2 Coats Paint, Brush Work, Paint Interior Wood Wall Surfaces	2.10	
		For Up To 100, Add	*1.37*	
		For >100 To 250, Add	*0.65*	
		For >250 To 500, Add	*0.28*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.32*	
		For >20,000, Deduct	*-0.42*	
		For Oil Based Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.70*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.96*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0122	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Wood Walls	0.81	
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0123	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Wood Walls	0.93	
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0124	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Wood Walls	1.65	
		For Up To 100, Add	*1.03*	
		For >100 To 250, Add	*0.49*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.25*	
		For >20,000, Deduct	*-0.33*	
		For Oil Based Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.52*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.72*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0125	SF	1 Coat Primer, Sprayed, Paint Interior Wood Walls	0.62	
		For Up To 100, Add	*0.34*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	
		For Oil Based Paint, Add	*0.04*	
		For Backroll, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0126	SF	1 Coat Paint, Sprayed, Paint Interior Wood Walls	0.79	
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
		For Oil Based Paint, Add	*0.05*	
		For Backroll, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0127	SF	2 Coats Paint, Sprayed, Paint Interior Wood Walls	1.45	
		For Up To 100, Add	*0.79*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.22*	
		For >20,000, Deduct	*-0.29*	
		For Oil Based Paint, Add	*0.10*	
		For Backroll, Add	*0.17*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0128		Paint Interior Ceilings *(09 91 23)*		
09 91 23 00-0129		Paint Interior Acoustical Ceilings *(09 91 23 00-0128)*		
		Note: Includes grid.		
09 91 23 00-0130	LF	1 Coat Paint, Cut-in Brush Work, Paint Interior Acoustical Ceiling	0.32	
		For Up To 100, Add	*0.16*	
		For >100 To 250, Add	*0.08*	
		For >250 To 500, Add	*0.03*	
		For >2,500 To 5,000, Deduct	*-0.02*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 20,000, Deduct	*-0.05*	
		For >20,000, Deduct	*-0.06*	
		For Oil Based Paint, Add	*0.02*	
		For Work >15' To 20' Above Floor, Add	*0.03*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.05*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0131	SF	1 Coat Primer, Brush Work, Paint Interior Acoustical Ceiling	1.01	
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0132	SF	1 Coat Paint, Brush Work, Paint Interior Acoustical Ceiling	1.10	
		For Up To 100, Add	*0.74*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.22*	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0133	SF	2 Coats Paint, Brush Work, Paint Interior Acoustical Ceiling	1.96	
		For Up To 100, Add	*1.30*	
		For >100 To 250, Add	*0.62*	
		For >250 To 500, Add	*0.27*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.29*	
		For >20,000, Deduct	*-0.39*	
		For Oil Based Paint, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.67*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.92*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0134	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Acoustical Ceiling	0.87	
		For Up To 100, Add	*0.55*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0135	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Acoustical Ceiling	0.86	
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0136	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Acoustical Ceiling	1.60	
		For Up To 100, Add	*1.03*	
		For >100 To 250, Add	*0.49*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.32*	
		For Oil Based Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.73*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0137	SF	1 Coat Primer, Sprayed, Paint Interior Acoustical Ceiling	0.81	
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
		For Oil Based Paint, Add	*0.05*	
		For Backroll, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0138	SF	1 Coat Paint, Sprayed, Paint Interior Acoustical Ceiling	0.78	
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
		For Oil Based Paint, Add	*0.05*	
		For Backroll, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0139	SF	2 Coats Paint, Sprayed, Paint Interior Acoustical Ceiling	1.27	
		For Up To 100, Add	*0.74*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.25*	
		For Oil Based Paint, Add	*0.08*	
		For Backroll, Add	*0.16*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.51*	
		Note: Applied only to work area above 40'.		

09 91 23 00-0140 Paint Interior Concrete Ceilings *(09 91 23 00-0128)*

09 91 23 00-0141	LF	1 Coat Paint, Cut-in Brush Work, Paint Interior Concrete Ceiling	0.18	
		For Up To 100, Add	*0.12*	
		For >100 To 250, Add	*0.06*	
		For >250 To 500, Add	*0.03*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.03*	
		For >20,000, Deduct	*-0.04*	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.04*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0142	SF	1 Coat Filler, Brush Work, Paint Interior Concrete Ceiling	1.01	
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
		For Oil Based Paint, Add	*0.06*	
		For Epoxy Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0143	SF	1 Coat Paint, Brush Work, Paint Interior Concrete Ceiling	1.10	
		For Up To 100, Add	*0.74*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.22*	
		For Oil Based Paint, Add	*0.06*	
		For Epoxy Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0144	SF	2 Coats Paint, Brush Work, Paint Interior Concrete Ceiling	1.96	
		For Up To 100, Add	*1.30*	
		For >100 To 250, Add	*0.62*	
		For >250 To 500, Add	*0.27*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.29*	
		For >20,000, Deduct	*-0.39*	
		For Oil Based Paint, Add	*0.11*	
		For Epoxy Paint, Add	*0.18*	
		For Work >15' To 20' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.67*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.92*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0145	SF	1 Coat Filler, Brush/Roller Work, Paint Interior Concrete Ceiling	0.77	
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.15*	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0146	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Concrete Ceiling	0.86	
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0147	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Concrete Ceiling	1.61	
		For Up To 100, Add	*1.04*	
		For >100 To 250, Add	*0.49*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.32*	
		For Oil Based Paint, Add	*0.09*	
		For Epoxy Paint, Add	*0.16*	
		For Work >15' To 20' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.73*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0148	SF	1 Coat Filler, Sprayed, Paint Interior Concrete Ceiling	0.76	
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.10*	
		For Backroll, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0149	SF	1 Coat Paint, Sprayed, Paint Interior Concrete Ceiling	0.78	
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.09*	
		For Backroll, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0150	SF	2 Coats Paint, Sprayed, Paint Interior Concrete Ceiling	1.26	
		For Up To 100, Add	*0.74*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.25*	
		For Oil Based Paint, Add	*0.08*	
		For Epoxy Paint, Add	*0.17*	
		For Backroll, Add	*0.15*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.50*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0151	SF	1 Coat Bonding Agent, Brush Work, Paint Interior Concrete Ceiling	1.05	
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0152	SF	1 Coat Bonding Agent, Brush/Roller, Paint Interior Concrete Ceiling	0.81	
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0153	SF	1 Coat Bonding Agent, Sprayed, Paint Interior Concrete Ceiling	0.80	
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
		For Backroll, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 40'.		

09 91 23 00-0154 Paint Interior Drywall/Plaster Ceilings *(09 91 23 00-0128)*

09 91 23 00-0155	LF	1 Coat Paint, Cut-in Brush Work, Paint Interior Drywall/Plaster Ceiling	0.18	
		For Up To 100, Add	*0.12*	
		For >100 To 250, Add	*0.06*	
		For >250 To 500, Add	*0.03*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.03*	
		For >20,000, Deduct	*-0.04*	
		For Epoxy Paint, Add	*0.02*	
		For Oil Based Paint, Add	*0.01*	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.04*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0156	SF	1 Coat Primer, Brush Work, Pain Interior Drywall/Plaster Ceiling	1.01	
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
		For Epoxy Paint, Add	*0.10*	
		For Oil Based Paint, Add	*0.06*	
		For Orange Peel Finish, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0157	SF	1 Coat Paint, Brush Work, Paint Interior Drywall/Plaster Ceiling	1.10	
		For Up To 100, Add	*0.74*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.22*	
		For Epoxy Paint, Add	*0.10*	
		For Oil Based Paint, Add	*0.06*	
		For Orange Peel Finish, Add	*0.16*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0158	SF	2 Coats Paint, Brush Work, Paint Interior Drywall/Plaster Ceiling	1.96	
		For Up To 100, Add	*1.30*	
		For >100 To 250, Add	*0.62*	
		For >250 To 500, Add	*0.27*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.29*	
		For >20,000, Deduct	*-0.39*	
		For Epoxy Paint, Add	*0.18*	
		For Oil Based Paint, Add	*0.11*	
		For Orange Peel Finish, Add	*0.28*	
		For Work >15' To 20' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.67*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.92*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0159	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Drywall/Plaster Ceiling	0.87	
		For Up To 100, Add	*0.55*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
		For Epoxy Paint, Add	*0.09*	
		For Oil Based Paint, Add	*0.05*	
		For Orange Peel Finish, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0160	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Drywall/Plaster Ceiling	0.86	
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
		For Epoxy Paint, Add	*0.09*	
		For Oil Based Paint, Add	*0.05*	
		For Orange Peel Finish, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0161	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Drywall/Plaster Ceiling	1.60	
		For Up To 100, Add	*1.03*	
		For >100 To 250, Add	*0.49*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.32*	
		For Epoxy Paint, Add	*0.16*	
		For Oil Based Paint, Add	*0.09*	
		For Orange Peel Finish, Add	*0.22*	
		For Work >15' To 20' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.73*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0162	SF	1 Coat Primer, Sprayed, Paint Interior Drywall/Plaster Ceiling	0.81	
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
		For Epoxy Paint, Add	*0.10*	
		For Oil Based Paint, Add	*0.05*	
		For Backroll, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0163	SF	1 Coat Paint, Sprayed, Paint Interior Drywall/Plaster Ceiling	0.78	
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
		For Epoxy Paint, Add	*0.09*	
		For Oil Based Paint, Add	*0.05*	
		For Backroll, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0164	SF	2 Coats Paint, Sprayed, Paint Interior Drywall/Plaster Ceiling	1.27	
		For Up To 100, Add	*0.74*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.25*	
		For Epoxy Paint, Add	*0.17*	
		For Oil Based Paint, Add	*0.08*	
		For Backroll, Add	*0.16*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.51*	
		Note: Applied only to work area above 40'.		

09 91 23 00-0165 Paint Interior Metal Ceilings *(09 91 23 00-0128)*

09 91 23 00-0166 Galvanized Surfaces, Galvanized Primer *(09 91 23 00-0165)*
Note: Linseed oil or acrylic latex paint.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0167	SF	1 Coat Primer, Brush Work, Paint Interior Galvanized Ceiling	1.33	
		For Up To 100, Add	*0.78*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.27*	
		For Electrostatic Painting, Add	*0.19*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0168	SF	1 Coat Paint, Brush Work, Paint Interior Galvanized Ceiling	1.46	
		For Up To 100, Add	*0.87*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.22*	
		For >20,000, Deduct	*-0.29*	
		For Electrostatic Painting, Add	*0.20*	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.60*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0169	SF	2 Coats Paint, Brush Work, Paint Interior Galvanized Ceiling	2.67	
		For Up To 100, Add	*1.56*	
		For >100 To 250, Add	*0.75*	
		For >250 To 500, Add	*0.33*	
		For >2,500 To 5,000, Deduct	*-0.13*	
		For >5,000 To 10,000, Deduct	*-0.27*	
		For >10,000 To 20,000, Deduct	*-0.40*	
		For >20,000, Deduct	*-0.53*	
		For Electrostatic Painting, Add	*0.38*	
		For Work >15' To 20' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.77*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.06*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0170	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Galvanized Ceiling	1.03	
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.21*	
		For Electrostatic Painting, Add	*0.15*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0171	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Galvanized Ceiling	1.15	
		For Up To 100, Add	*0.68*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
		For Electrostatic Painting, Add	*0.16*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0172	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Galvanized Ceiling	2.13	
		For Up To 100, Add	*1.23*	
		For >100 To 250, Add	*0.59*	
		For >250 To 500, Add	*0.26*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.32*	
		For >20,000, Deduct	*-0.43*	
		For Electrostatic Painting, Add	*0.30*	
		For Work >15' To 20' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.61*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.84*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0173	SF	1 Coat Primer, Sprayed, Paint Interior Galvanized Ceiling	1.04	
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
		For Electrostatic Painting, Add	*0.17*	
		For Backroll, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0174	SF	1 Coat Paint, Sprayed, Paint Interior Galvanized Ceiling	1.19	
		For Up To 100, Add	*0.63*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
		For Electrostatic Painting, Add	*0.18*	
		For Backroll, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0175	SF	2 Coats Paint, Sprayed, Paint Interior Galvanized Ceiling	1.92	
		For Up To 100, Add	*0.92*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.29*	
		For >20,000, Deduct	*-0.38*	
		For Electrostatic Painting, Add	*0.32*	
		For Backroll, Add	*0.20*	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.58*	
		Note: Applied only to work area above 40'.		

09 91 23 00-0176 Aluminum And Aluminum Alloy Surface Pretreatment Primer *(09 91 23 00-0165)*
Note: Alkyd enamel paint.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0177	SF	1 Coat Primer, Brush Work, Paint Interior Aluminum And Aluminum Alloy Ceiling	1.33	
		For Up To 100, Add	*0.78*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.27*	
		For Electrostatic Painting, Add	*0.19*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0178	SF	1 Coat Paint, Brush Work, Paint Interior Aluminum And Aluminum Alloy Ceiling	1.46	
		For Up To 100, Add	*0.87*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.22*	
		For >20,000, Deduct	*-0.29*	
		For Electrostatic Painting, Add	*0.20*	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.60*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0179	SF	2 Coats Paint, Brush Work, Paint Interior Aluminum And Aluminum Alloy Ceiling	2.67	
		For Up To 100, Add	*1.56*	
		For >100 To 250, Add	*0.75*	
		For >250 To 500, Add	*0.33*	
		For >2,500 To 5,000, Deduct	*-0.13*	
		For >5,000 To 10,000, Deduct	*-0.27*	
		For >10,000 To 20,000, Deduct	*-0.40*	
		For >20,000, Deduct	*-0.53*	
		For Electrostatic Painting, Add	*0.38*	
		For Work >15' To 20' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.77*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.06*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0180	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Aluminum And Aluminum Alloy Ceiling	1.15	
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
		For Electrostatic Painting, Add	*0.18*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0181	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Aluminum And Aluminum Alloy Ceiling	1.27	
		For Up To 100, Add	*0.69*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.25*	
		For Electrostatic Painting, Add	*0.19*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0182	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Aluminum And Aluminum Alloy Ceiling	2.41	
		For Up To 100, Add	*1.29*	
		For >100 To 250, Add	*0.63*	
		For >250 To 500, Add	*0.28*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.24*	
		For >10,000 To 20,000, Deduct	*-0.36*	
		For >20,000, Deduct	*-0.48*	
		For Electrostatic Painting, Add	*0.37*	
		For Work >15' To 20' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.62*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.85*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0183	SF	1 Coat Primer, Sprayed, Paint Interior Aluminum And Aluminum Alloy Ceiling	1.04	
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
		For Electrostatic Painting, Add	*0.17*	
		For Backroll, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0184	SF	1 Coat Paint, Sprayed, Paint Interior Aluminum And Aluminum Alloy Ceiling	1.19	
		For Up To 100, Add	*0.63*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
		For Electrostatic Painting, Add	*0.18*	
		For Backroll, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0185	SF	2 Coats Paint, Sprayed, Paint Interior Aluminum And Aluminum Alloy Ceiling	1.92	
		For Up To 100, Add	*0.92*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.29*	
		For >20,000, Deduct	*-0.38*	
		For Electrostatic Painting, Add	*0.32*	
		For Backroll, Add	*0.20*	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.58*	
		Note: Applied only to work area above 40'.		

09 91 23 00-0186 Paint Interior Ceiling Tile Grid *(09 91 23 00-0165)*
Note: Grid only.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0187	LF	1 Coat Paint, Brush/Roller Work, Paint Interior Ceiling Tile Grid	0.27	
		For Up To 100, Add	*0.17*	
		For >100 To 250, Add	*0.08*	
		For >250 To 500, Add	*0.04*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 20,000, Deduct	*-0.04*	
		For >20,000, Deduct	*-0.05*	
		For Electrostatic Painting, Add	*0.03*	
		For Work >15' To 20' Above Floor, Add	*0.03*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0188	LF	2 Coats Paint, Brush/Roller Work, Paint Interior Ceiling Tile Grid	0.56	
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.08*	
		For >20,000, Deduct	*-0.11*	
		For Electrostatic Painting, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0189		Paint Interior Corrugated Metal Ceilings *(09 91 23 00-0165)*		
09 91 23 00-0190	SF	1 Coat Primer, Sprayed, Paint Interior Corrugated Metal Ceiling	1.37	
		For Up To 100, Add	*0.69*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.27*	
		For Electrostatic Painting, Add	*0.22*	
		For Backroll, Add	*0.15*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0191	SF	1 Coat Paint, Sprayed, Paint Interior Corrugated Metal Ceiling	1.57	
		For Up To 100, Add	*0.84*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.31*	
		For Electrostatic Painting, Add	*0.24*	
		For Backroll, Add	*0.18*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.55*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0192	SF	2 Coats Paint, Sprayed, Paint Interior Corrugated Metal Ceiling	2.56	
		For Up To 100, Add	*1.24*	
		For >100 To 250, Add	*0.61*	
		For >250 To 500, Add	*0.27*	
		For >2,500 To 5,000, Deduct	*-0.13*	
		For >5,000 To 10,000, Deduct	*-0.26*	
		For >10,000 To 20,000, Deduct	*-0.38*	
		For >20,000, Deduct	*-0.51*	
		For Electrostatic Painting, Add	*0.43*	
		For Backroll, Add	*0.27*	
		For Work >15' To 20' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.57*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.78*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0193		Paint Interior Wood Ceilings *(09 91 23 00-0128)*		
09 91 23 00-0194		Paint Interior Smooth Wood Ceilings *(09 91 23 00-0193)*		
09 91 23 00-0195	LF	1 Coat Paint, Cut-in Brush Work, Paint Interior Wood Smooth Ceiling	0.21	
		For Up To 100, Add	*0.14*	
		For >100 To 250, Add	*0.07*	
		For >250 To 500, Add	*0.03*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.03*	
		For >20,000, Deduct	*-0.04*	
		For Oil Based Paint, Add	*0.01*	
		For Work >15' To 20' Above Floor, Add	*0.03*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.05*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0196	SF	1 Coat Primer, Brush Work, Paint Interior Wood Smooth Ceiling	1.24	
		For Up To 100, Add	*0.79*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.25*	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.55*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0197	SF	1 Coat Paint, Brush Work, Paint Interior Wood Smooth Ceiling	1.30	
		For Up To 100, Add	*0.85*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.26*	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.60*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0198	SF	2 Coats Paint, Brush Work, Paint Interior Wood Smooth Ceiling	2.35	
		For Up To 100, Add	*1.51*	
		For >100 To 250, Add	*0.72*	
		For >250 To 500, Add	*0.31*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.24*	
		For >10,000 To 20,000, Deduct	*-0.35*	
		For >20,000, Deduct	*-0.47*	
		For Oil Based Paint, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.77*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.06*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0199	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Smooth Wood Ceiling	1.00	
		For Up To 100, Add	*0.58*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0200	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Smooth Wood Ceiling	1.08	
		For Up To 100, Add	*0.67*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.22*	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0201	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Smooth Wood Ceiling	2.04	
		For Up To 100, Add	*1.24*	
		For >100 To 250, Add	*0.59*	
		For >250 To 500, Add	*0.26*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.31*	
		For >20,000, Deduct	*-0.41*	
		For Oil Based Paint, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.62*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.85*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0202	SF	1 Coat Primer, Sprayed, Paint Interior Smooth Wood Ceiling	0.82	
		For Up To 100, Add	*0.49*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
		For Oil Based Paint, Add	*0.05*	
		For Backroll, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0203	SF	1 Coat Paint, Sprayed, Paint Interior Smooth Wood Ceiling	0.98	
		For Up To 100, Add	*0.61*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
		For Oil Based Paint, Add	*0.06*	
		For Backroll, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0204	SF	2 Coats Paint, Sprayed, Paint Interior Smooth Wood Ceiling	1.48	
		For Up To 100, Add	*0.86*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.22*	
		For >20,000, Deduct	*-0.30*	
		For Oil Based Paint, Add	*0.10*	
		For Backroll, Add	*0.18*	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.58*	
		Note: Applied only to work area above 40'.		

09 91 23 00-0205 Paint Interior Wood Beams *(09 91 23 00-0128)*

09 91 23 00-0206	SF	1 Coat Primer, Brush Work, Paint Interior Wood Beams	1.37	
		For Up To 100, Add	*0.88*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.27*	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.45*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.62*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0207	SF	1 Coat Paint, Brush Work, Paint Interior Wood Beams	1.40	
		For Up To 100, Add	*0.92*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.28*	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.65*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0208	SF	2 Coats Paint, Brush Work, Paint Interior Wood Beams	2.56	
		For Up To 100, Add	*1.67*	
		For >100 To 250, Add	*0.79*	
		For >250 To 500, Add	*0.34*	
		For >2,500 To 5,000, Deduct	*-0.13*	
		For >5,000 To 10,000, Deduct	*-0.26*	
		For >10,000 To 20,000, Deduct	*-0.38*	
		For >20,000, Deduct	*-0.51*	
		For Oil Based Paint, Add	*0.15*	
		For Work >15' To 20' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.54*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.86*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.18*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0209	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Wood Beams	1.10	
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.22*	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.45*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0210	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Wood Beams	1.08	
		For Up To 100, Add	*0.67*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.22*	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0211	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Wood Beams	2.04	
		For Up To 100, Add	*1.24*	
		For >100 To 250, Add	*0.59*	
		For >250 To 500, Add	*0.26*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.31*	
		For >20,000, Deduct	*-0.41*	
		For Oil Based Paint, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.62*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.85*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0212	SF	1 Coat Primer, Sprayed, Paint Interior Wood Beams	0.98	
		For Up To 100, Add	*0.61*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
		For Oil Based Paint, Add	*0.06*	
		For Backroll, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0213	SF	1 Coat Paint, Sprayed, Paint Interior Wood Beams	0.97	
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.19*	
		For Oil Based Paint, Add	*0.06*	
		For Backroll, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0214	SF	2 Coats Paint, Sprayed, Paint Interior Wood Beams	1.61	
		For Up To 100, Add	*0.96*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.32*	
		For Oil Based Paint, Add	*0.10*	
		For Backroll, Add	*0.20*	
		For Work >15' To 20' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.65*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0215		Dryfall Coating *(09 91 23 00-0128)*		
09 91 23 00-0216	SF	Dryfall Interior Acrylic Ceiling Coating, 1 Coat, Sprayed	0.57	
		For Up To 100, Add	*0.37*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.11*	
		For Oil Based Paint, Add	*0.03*	
09 91 23 00-0217	SF	Dryfall Interior Latex Ceiling Coating, 1 Coat, Sprayed	0.60	
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	
		For Oil Based Paint, Add	*0.04*	
09 91 23 00-0218		Paint Interior Floors And Decks *(09 91 23)*		
09 91 23 00-0219		Paint Interior Concrete Floors And Decks *(09 91 23 00-0218)*		
09 91 23 00-0220	LF	1 Coat Paint, Cut-in Brush Work, Paint Interior Concrete Floors And Decks	0.14	
		For Up To 100, Add	*0.09*	
		For >100 To 250, Add	*0.04*	
		For >250 To 500, Add	*0.02*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.01*	
		For >10,000 To 20,000, Deduct	*-0.02*	
		For >20,000, Deduct	*-0.03*	
09 91 23 00-0221	SF	1 Coat Primer, Brush Work, Paint Interior Concrete Floors And Decks	0.77	
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.15*	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0222	SF	1 Coat Paint, Brush Work, Paint Interior Concrete Floors And Decks	0.86	
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.09*	
09 91 23 00-0223	SF	2 Coats Paint, Brush Work, Paint Interior Concrete Floors And Decks	1.69	
		For Up To 100, Add	*1.10*	
		For >100 To 250, Add	*0.52*	
		For >250 To 500, Add	*0.23*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.25*	
		For >20,000, Deduct	*-0.34*	
		For Oil Based Paint, Add	*0.10*	
		For Epoxy Paint, Add	*0.17*	
09 91 23 00-0224	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Concrete Floors And Decks	0.76	
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.09*	
09 91 23 00-0225	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Concrete Floors And Decks	0.74	
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.08*	
09 91 23 00-0226	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Concrete Floors And Decks	1.22	
		For Up To 100, Add	*0.75*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
		For Oil Based Paint, Add	*0.08*	
		For Epoxy Paint, Add	*0.15*	
09 91 23 00-0227	SF	1 Coat Primer, Sprayed, Paint Interior Concrete Floors And Decks	0.62	
		For Up To 100, Add	*0.34*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.09*	
		For Backroll, Add	*0.07*	
09 91 23 00-0228	SF	1 Coat Paint, Sprayed, Paint Interior Concrete Floors And Decks	0.63	
		For Up To 100, Add	*0.37*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.13*	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.08*	
		For Backroll, Add	*0.08*	
09 91 23 00-0229	SF	2 Coats Paint, Sprayed, Paint Interior Concrete Floors And Decks	1.12	
		For Up To 100, Add	*0.63*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.22*	
		For Oil Based Paint, Add	*0.07*	
		For Epoxy Paint, Add	*0.16*	
		For Backroll, Add	*0.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0230	SF	1 Coat Bonding Agent, Brush Work, Paint Interior Concrete Floors And Decks	0.81	
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 23 00-0231	SF	1 Coat Bonding Agent, Brush/Roller Work, Paint Interior Concrete Floors And Decks	0.80	
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 23 00-0232	SF	1 Coat Bonding Agent, Sprayed, Paint Interior Concrete Floors And Decks	0.66	
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
		For Backroll, Add	*0.07*	
09 91 23 00-0233	SF	1 Coat Non-Slip Paint, Brush Work, Paint Interior Concrete Floors And Decks	2.36	
		For Up To 100, Add	*0.79*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.24*	
		For >10,000 To 20,000, Deduct	*-0.35*	
		For >20,000, Deduct	*-0.47*	
09 91 23 00-0234	SF	1 Coat Non-Slip Epoxy Paint, Brush Work, Paint Interior Concrete Floors And Decks (Rust-Oleum® AS91864251)	6.86	
		For Up To 100, Add	*1.47*	
		For >100 To 250, Add	*0.87*	
		For >250 To 500, Add	*0.42*	
		For >2,500 To 5,000, Deduct	*-0.34*	
		For >5,000 To 10,000, Deduct	*-0.69*	
		For >10,000 To 20,000, Deduct	*-1.03*	
		For >20,000, Deduct	*-1.37*	

09 91 23 00-0235 Paint Interior Wood Floors And Decks *(09 91 23 00-0218)*

09 91 23 00-0236	LF	1 Coat Paint, Cut-in Brush Work, Paint Interior Wood Floors And Decks	0.17	
		For Up To 100, Add	*0.11*	
		For >100 To 250, Add	*0.05*	
		For >250 To 500, Add	*0.02*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.03*	
		For >20,000, Deduct	*-0.03*	
09 91 23 00-0237	SF	1 Coat Primer, Brush Work, Paint Interior Wood Floors And Decks	0.97	
		For Up To 100, Add	*0.58*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.19*	
		For Oil Based Paint, Add	*0.06*	
09 91 23 00-0238	SF	1 Coat Paint, Brush Work, Paint Interior Wood Floors And Decks	1.05	
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
		For Oil Based Paint, Add	*0.06*	
09 91 23 00-0239	SF	2 Coats Paint, Brush Work, Paint Interior Wood Floors And Decks	1.98	
		For Up To 100, Add	*1.23*	
		For >100 To 250, Add	*0.59*	
		For >250 To 500, Add	*0.26*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.30*	
		For >20,000, Deduct	*-0.40*	
		For Oil Based Paint, Add	*0.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0240	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Wood Floors And Decks	0.79	
		For Up To 100, Add	*0.42*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
		For Oil Based Paint, Add	*0.05*	
09 91 23 00-0241	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Wood Floors And Decks	0.84	
		For Up To 100, Add	*0.49*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
		For Oil Based Paint, Add	*0.05*	
09 91 23 00-0242	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Wood Floors And Decks	1.68	
		For Up To 100, Add	*0.97*	
		For >100 To 250, Add	*0.47*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.25*	
		For >20,000, Deduct	*-0.34*	
		For Oil Based Paint, Add	*0.11*	
09 91 23 00-0243	SF	1 Coat Primer, Sprayed, Paint Interior Wood Floors And Decks	0.67	
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
		For Oil Based Paint, Add	*0.04*	
		For Backroll, Add	*0.08*	
09 91 23 00-0244	SF	1 Coat Paint, Sprayed, Paint Interior Wood Floors And Decks	0.82	
		For Up To 100, Add	*0.49*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
		For Oil Based Paint, Add	*0.05*	
		For Backroll, Add	*0.10*	
09 91 23 00-0245	SF	2 Coats Paint, Sprayed, Paint Interior Wood Floors And Decks	1.19	
		For Up To 100, Add	*0.64*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
		For Oil Based Paint, Add	*0.08*	
		For Backroll, Add	*0.14*	
09 91 23 00-0246	SF	1 Coat Non-Slip Paint, Brush Work, Paint Interior Wood Floors And Decks	2.36	
		For Up To 100, Add	*0.79*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.24*	
		For >10,000 To 20,000, Deduct	*-0.35*	
		For >20,000, Deduct	*-0.47*	
09 91 23 00-0247	SF	1 Coat Non-Slip Epoxy Paint, Brush Work, Paint Interior Wood Floors And Decks	6.86	
		For Up To 100, Add	*1.47*	
		For >100 To 250, Add	*0.87*	
		For >250 To 500, Add	*0.42*	
		For >2,500 To 5,000, Deduct	*-0.34*	
		For >5,000 To 10,000, Deduct	*-0.69*	
		For >10,000 To 20,000, Deduct	*-1.03*	
		For >20,000, Deduct	*-1.37*	
09 91 23 00-0248		Paint Interior Doors And Windows *(09 91 23)*		
09 91 23 00-0249		Paint Interior Door Frames *(09 91 23 00-0248)*		
09 91 23 00-0250	LF	1 Coat Primer, Brush/Roller Work, Paint Interior Wood Door Frame And Trim	1.16	
		For Oil Based Paint, Add	*0.06*	
		For Painting One Face Of Frame Only, Deduct	*-0.31*	
09 91 23 00-0251	LF	1 Coat Paint, Brush/Roller Work, Paint Interior Wood Door Frame And Trim	1.51	
		For Oil Based Paint, Add	*0.08*	
		For Painting One Face Of Frame Only, Deduct	*-0.40*	
09 91 23 00-0252	LF	2 Coats Paint, Brush/Roller Work, Paint Interior Wood Door Frame And Trim	2.54	
		For Oil Based Paint, Add	*0.14*	
		For Painting One Face Of Frame Only, Deduct	*-0.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0253	LF	1 Coat Primer, Brush/Roller Work, Paint Interior Metal Door Frame And Trim	1.21	
		For Oil Based Paint, Add	*0.07*	
		For Painting One Face Of Frame Only, Deduct	*-0.33*	
09 91 23 00-0254	LF	1 Coat Paint, Brush/Roller Work, Paint Interior Metal Door Frame And Trim	1.56	
		For Oil Based Paint, Add	*0.09*	
		For Painting One Face Of Frame Only, Deduct	*-0.42*	
09 91 23 00-0255	LF	2 Coats Paint, Brush/Roller Work, Paint Interior Metal Door Frame And Trim	2.62	
		For Oil Based Paint, Add	*0.15*	
		For Painting One Face Of Frame Only, Deduct	*-0.70*	

09 91 23 00-0256 Paint Interior Metal Doors *(09 91 23 00-0248)*

09 91 23 00-0257	EA	1 Coat Primer, Brush/Roller Work, One Face, Paint Interior Metal Door	60.22	
		For Electrostatic Painting, Add	*9.82*	
		For Half Louvered Door, Add	*5.23*	
		For Full Louvered Door, Add	*8.72*	
		For Oil Based Paint, Add	*4.28*	
		For >5 To 10, Deduct	*-3.01*	
		For >10 To 25, Deduct	*-6.02*	
		For >25, Deduct	*-9.03*	
09 91 23 00-0258	EA	1 Coat Paint, Brush/Roller Work, One Face, Paint Interior Metal Door	60.22	
		For Electrostatic Painting, Add	*9.82*	
		For Half Louvered Door, Add	*5.23*	
		For Full Louvered Door, Add	*8.72*	
		For Oil Based Paint, Add	*4.28*	
		For >5 To 10, Deduct	*-3.01*	
		For >10 To 25, Deduct	*-6.02*	
		For >25, Deduct	*-9.03*	
09 91 23 00-0259	EA	2 Coats Paint, Brush/Roller Work, One Face, Paint Interior Metal Door	109.28	
		For Electrostatic Painting, Add	*18.49*	
		For Half Louvered Door, Add	*8.84*	
		For Full Louvered Door, Add	*14.73*	
		For Oil Based Paint, Add	*7.98*	
		For >5 To 10, Deduct	*-5.46*	
		For >10 To 25, Deduct	*-10.93*	
		For >25, Deduct	*-16.39*	
09 91 23 00-0260	EA	1 Coat Primer, Brush/Roller Work, Both Faces, Paint Interior Metal Door	108.06	
		For Electrostatic Painting, Add	*17.64*	
		For Half Louvered Door, Add	*9.38*	
		For Full Louvered Door, Add	*15.63*	
		For Oil Based Paint, Add	*7.68*	
		For >5 To 10, Deduct	*-5.40*	
		For >10 To 25, Deduct	*-10.81*	
		For >25, Deduct	*-16.21*	
09 91 23 00-0261	EA	1 Coat Paint, Brush/Roller Work, Both Faces, Paint Interior Metal Door	108.07	
		For Electrostatic Painting, Add	*17.64*	
		For Half Louvered Door, Add	*9.38*	
		For Full Louvered Door, Add	*15.63*	
		For Oil Based Paint, Add	*7.68*	
		For >5 To 10, Deduct	*-5.40*	
		For >10 To 25, Deduct	*-10.81*	
		For >25, Deduct	*-16.21*	
09 91 23 00-0262	EA	2 Coats Paint, Brush/Roller Work, Both Faces, Paint Interior Metal Door	196.89	
		For Electrostatic Painting, Add	*33.36*	
		For Half Louvered Door, Add	*15.87*	
		For Full Louvered Door, Add	*26.45*	
		For Oil Based Paint, Add	*14.40*	
		For >5 To 10, Deduct	*-9.84*	
		For >10 To 25, Deduct	*-19.69*	
		For >25, Deduct	*-29.53*	
09 91 23 00-0263	EA	1 Coat Primer, Sprayed, One Face, Paint Interior Metal Door	54.22	
		For Electrostatic Painting, Add	*9.60*	
		For Half Louvered Door, Add	*3.95*	
		For Full Louvered Door, Add	*6.59*	
		For Oil Based Paint, Add	*4.11*	
		For >5 To 10, Deduct	*-2.71*	
		For >10 To 25, Deduct	*-5.42*	
		For >25, Deduct	*-8.13*	
		For Backroll, Add	*5.35*	
09 91 23 00-0264	EA	1 Coat Paint, Sprayed, One Face, Paint Interior Metal Door	54.21	
		For Electrostatic Painting, Add	*9.60*	
		For Half Louvered Door, Add	*3.95*	
		For Full Louvered Door, Add	*6.58*	
		For Oil Based Paint, Add	*4.10*	
		For >5 To 10, Deduct	*-2.71*	
		For >10 To 25, Deduct	*-5.42*	
		For >25, Deduct	*-8.13*	
		For Backroll, Add	*5.34*	
09 91 23 00-0265	EA	2 Coats Paint, Sprayed, One Face, Paint Interior Metal Door	99.88	
		For Electrostatic Painting, Add	*18.30*	
		For Half Louvered Door, Add	*6.67*	
		For Full Louvered Door, Add	*11.12*	
		For Oil Based Paint, Add	*7.76*	
		For >5 To 10, Deduct	*-4.99*	
		For >10 To 25, Deduct	*-9.99*	
		For >25, Deduct	*-14.98*	
		For Backroll, Add	*9.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0266	EA	1 Coat Primer, Sprayed, Both Faces, Paint Interior Metal Door	97.34	
		For Electrostatic Painting, Add	*17.25*	
		For Half Louvered Door, Add	*7.08*	
		For Full Louvered Door, Add	*11.81*	
		For Oil Based Paint, Add	*7.37*	
		For >5 To 10, Deduct	*-4.87*	
		For >10 To 25, Deduct	*-9.73*	
		For >25, Deduct	*-14.60*	
		For Backroll, Add	*9.59*	
09 91 23 00-0267	EA	1 Coat Paint, Sprayed, Both Faces, Paint Interior Metal Door	97.34	
		For Electrostatic Painting, Add	*17.25*	
		For Half Louvered Door, Add	*7.08*	
		For Full Louvered Door, Add	*11.81*	
		For Oil Based Paint, Add	*7.37*	
		For >5 To 10, Deduct	*-4.87*	
		For >10 To 25, Deduct	*-9.73*	
		For >25, Deduct	*-14.60*	
		For Backroll, Add	*9.59*	
09 91 23 00-0268	EA	2 Coats Paint, Sprayed, Both Faces, Paint Interior Metal Door	180.13	
		For Electrostatic Painting, Add	*33.05*	
		For Half Louvered Door, Add	*11.99*	
		For Full Louvered Door, Add	*19.98*	
		For Oil Based Paint, Add	*14.02*	
		For >5 To 10, Deduct	*-9.01*	
		For >10 To 25, Deduct	*-18.01*	
		For >25, Deduct	*-27.02*	
		For Backroll, Add	*17.00*	

09 91 23 00-0269 Paint Interior Wood Doors *(09 91 23 00-0248)*

09 91 23 00-0270	EA	1 Coat Primer, Brush/Roller Work, One Face, Paint Interior Wood Door	51.34	
		For >5 To 10, Deduct	*-2.57*	
		For >10 To 25, Deduct	*-5.13*	
		For >25, Deduct	*-7.70*	
		For Oil Based Paint, Add	*3.39*	
		For Half Louvered Door, Add	*5.23*	
		For Full Louvered Door, Add	*8.72*	
09 91 23 00-0271	EA	1 Coat Paint, Brush/Roller Work, One Face, Paint Interior Wood Door	51.34	
		For >5 To 10, Deduct	*-2.57*	
		For >10 To 25, Deduct	*-5.13*	
		For >25, Deduct	*-7.70*	
		For Oil Based Paint, Add	*3.39*	
		For Half Louvered Door, Add	*5.23*	
		For Full Louvered Door, Add	*8.72*	
09 91 23 00-0272	EA	2 Coats Paint, Brush/Roller Work, One Face, Paint Interior Wood Door	91.63	
		For >5 To 10, Deduct	*-4.58*	
		For >10 To 25, Deduct	*-9.16*	
		For >25, Deduct	*-13.74*	
		For Oil Based Paint, Add	*6.22*	
		For Half Louvered Door, Add	*8.84*	
		For Full Louvered Door, Add	*14.73*	
09 91 23 00-0273	EA	1 Coat Primer, Brush/Roller Work, Both Faces, Paint Interior Wood Door	92.11	
		For >5 To 10, Deduct	*-4.61*	
		For >10 To 25, Deduct	*-9.21*	
		For >25, Deduct	*-13.82*	
		For Oil Based Paint, Add	*6.09*	
		For Half Louvered Door, Add	*9.38*	
		For Full Louvered Door, Add	*15.63*	
09 91 23 00-0274	EA	1 Coat Paint, Brush/Roller Work, Both Faces, Paint Interior Wood Door	92.11	
		For >5 To 10, Deduct	*-4.61*	
		For >10 To 25, Deduct	*-9.21*	
		For >25, Deduct	*-13.82*	
		For Oil Based Paint, Add	*6.09*	
		For Half Louvered Door, Add	*9.38*	
		For Full Louvered Door, Add	*15.63*	
09 91 23 00-0275	EA	2 Coats Paint, Brush/Roller Work, Both Faces, Paint Interior Wood Door	164.97	
		For >5 To 10, Deduct	*-8.25*	
		For >10 To 25, Deduct	*-16.50*	
		For >25, Deduct	*-24.75*	
		For Oil Based Paint, Add	*11.21*	
		For Half Louvered Door, Add	*15.87*	
		For Full Louvered Door, Add	*26.45*	
09 91 23 00-0276	EA	1 Coat Primer, Sprayed, One Face, Paint Interior Wood Door	44.44	
		For >5 To 10, Deduct	*-2.22*	
		For >10 To 25, Deduct	*-4.44*	
		For >25, Deduct	*-6.67*	
		For Oil Based Paint, Add	*3.13*	
		For Half Louvered Door, Add	*3.95*	
		For Full Louvered Door, Add	*6.58*	
		For Backroll, Add	*4.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0277	EA	1 Coat Paint, Sprayed, One Face, Paint Interior Wood Door	44.44	
		For >5 To 10, Deduct	*-2.22*	
		For >10 To 25, Deduct	*-4.44*	
		For >25, Deduct	*-6.67*	
		For Oil Based Paint, Add	*3.13*	
		For Half Louvered Door, Add	*3.95*	
		For Full Louvered Door, Add	*6.58*	
		For Backroll, Add	*4.86*	
09 91 23 00-0278	EA	2 Coats Paint, Sprayed, One Face, Paint Interior Wood Door	80.50	
		For >5 To 10, Deduct	*-4.03*	
		For >10 To 25, Deduct	*-8.05*	
		For >25, Deduct	*-12.08*	
		For Oil Based Paint, Add	*5.83*	
		For Half Louvered Door, Add	*6.68*	
		For Full Louvered Door, Add	*11.13*	
		For Backroll, Add	*8.48*	
09 91 23 00-0279	EA	1 Coat Primer, Sprayed, Both Faces, Paint Interior Wood Door	79.78	
		For >5 To 10, Deduct	*-3.99*	
		For >10 To 25, Deduct	*-7.98*	
		For >25, Deduct	*-11.97*	
		For Oil Based Paint, Add	*5.62*	
		For Half Louvered Door, Add	*7.08*	
		For Full Louvered Door, Add	*11.81*	
		For Backroll, Add	*8.71*	
09 91 23 00-0280	EA	1 Coat Paint, Sprayed, Both Faces, Paint Interior Wood Door	79.78	
		For >5 To 10, Deduct	*-3.99*	
		For >10 To 25, Deduct	*-7.98*	
		For >25, Deduct	*-11.97*	
		For Oil Based Paint, Add	*5.62*	
		For Half Louvered Door, Add	*7.08*	
		For Full Louvered Door, Add	*11.81*	
		For Backroll, Add	*8.71*	
09 91 23 00-0281	EA	2 Coats Paint, Sprayed, Both Faces, Paint Interior Wood Door	145.01	
		For >5 To 10, Deduct	*-7.25*	
		For >10 To 25, Deduct	*-14.50*	
		For >25, Deduct	*-21.75*	
		For Oil Based Paint, Add	*10.51*	
		For Half Louvered Door, Add	*11.99*	
		For Full Louvered Door, Add	*19.98*	
		For Backroll, Add	*15.24*	

09 91 23 00-0282 Paint Interior Metal Windows *(09 91 23 00-0248)*

Note: Two finish coats paint over rust inhibitive primer.

09 91 23 00-0283	EA	Up To 8 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Metal Window Including Trim, Brush/Roller Work	94.99	
		For Oil Based Paint, Add	*5.59*	
		For Electrostatic Painting, Add	*12.02*	
		For >5 To 10, Deduct	*-4.75*	
		For >10 To 25, Deduct	*-9.50*	
		For >25, Deduct	*-14.25*	
09 91 23 00-0284	EA	>8 To 14 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Metal Window Including Trim, Brush/Roller Work	116.19	
		For Oil Based Paint, Add	*7.11*	
		For Electrostatic Painting, Add	*15.52*	
		For >5 To 10, Deduct	*-5.81*	
		For >10 To 25, Deduct	*-11.62*	
		For >25, Deduct	*-17.43*	
09 91 23 00-0285	EA	>14 To 20 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Metal Window Including Trim, Brush/Roller Work	157.20	
		For Oil Based Paint, Add	*9.71*	
		For Electrostatic Painting, Add	*21.26*	
		For >5 To 10, Deduct	*-7.86*	
		For >10 To 25, Deduct	*-15.72*	
		For >25, Deduct	*-23.58*	
09 91 23 00-0286	EA	>20 To 26 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Metal Window Including Trim, Brush/Roller Work	177.06	
		For Oil Based Paint, Add	*10.94*	
		For Electrostatic Painting, Add	*23.97*	
		For >5 To 10, Deduct	*-8.85*	
		For >10 To 25, Deduct	*-17.71*	
		For >25, Deduct	*-26.56*	
09 91 23 00-0287	EA	>26 To 34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Metal Window Including Trim, Brush/Roller Work	196.24	
		For Oil Based Paint, Add	*12.11*	
		For Electrostatic Painting, Add	*26.52*	
		For >5 To 10, Deduct	*-9.81*	
		For >10 To 25, Deduct	*-19.62*	
		For >25, Deduct	*-29.44*	
09 91 23 00-0288	SF	>34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Metal Window Including Trim, Brush/Roller Work.	6.23	
		For Oil Based Paint, Add	*0.38*	
		For Electrostatic Painting, Add	*0.84*	

09 91 23 00-0289 Paint Interior Wood Windows *(09 91 23 00-0248)*

Note: Two finish coats paint over primer.

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0290	EA	Up To 8 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Wood Windows Including Trim, Brush/Roller Work	89.10	
		For Oil Based Paint, Add	*5.00*	
		For >5 To 10, Deduct	*-4.46*	
		For >10 To 25, Deduct	*-8.91*	
		For >25, Deduct	*-13.37*	
09 91 23 00-0291	EA	>8 To 14 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Wood Windows Including Trim, Brush/Roller Work	107.08	
		For Oil Based Paint, Add	*6.20*	
		For >5 To 10, Deduct	*-5.35*	
		For >10 To 25, Deduct	*-10.71*	
		For >25, Deduct	*-16.06*	
09 91 23 00-0292	EA	>14 To 20 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Wood Windows Including Trim, Brush/Roller Work	152.44	
		For Oil Based Paint, Add	*8.82*	
		For >5 To 10, Deduct	*-7.62*	
		For >10 To 25, Deduct	*-15.24*	
		For >25, Deduct	*-22.87*	
09 91 23 00-0293	EA	>20 To 26 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Wood Windows Including Trim, Brush/Roller Work	171.64	
		For Oil Based Paint, Add	*9.94*	
		For >5 To 10, Deduct	*-8.58*	
		For >10 To 25, Deduct	*-17.16*	
		For >25, Deduct	*-25.75*	
09 91 23 00-0294	EA	>26 To 34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Wood Windows Including Trim, Brush/Roller Work	180.15	
		For Oil Based Paint, Add	*10.50*	
		For >5 To 10, Deduct	*-9.01*	
		For >10 To 25, Deduct	*-18.02*	
		For >25, Deduct	*-27.02*	
09 91 23 00-0295	SF	>34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Wood Windows Including Trim, Brush/Roller Work	6.02	
		For Oil Based Paint, Add	*0.35*	

09 91 23 00-0296 Paint Interior Security Screens *(09 91 23 00-0248)*

09 91 23 00-0297	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Security Screen	1.54	
		For Oil Based Paint, Add	*0.10*	
		For Electrostatic Painting, Add	*0.21*	
09 91 23 00-0298	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Security Screen	1.54	
		For Oil Based Paint, Add	*0.09*	
		For Electrostatic Painting, Add	*0.19*	
09 91 23 00-0299	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Security Screen	2.56	
		For Oil Based Paint, Add	*0.15*	
		For Electrostatic Painting, Add	*0.33*	

09 91 23 00-0300 Paint Interior Window Guards *(09 91 23 00-0248)*

09 91 23 00-0301	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Metal Window Guards	1.54	
		For Oil Based Paint, Add	*0.10*	
09 91 23 00-0302	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Metal Window Guards	1.54	
		For Oil Based Paint, Add	*0.09*	
09 91 23 00-0303	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Metal Window Guards	2.56	
		For Oil Based Paint, Add	*0.15*	

09 91 23 00-0304 Paint Interior Window Trim *(09 91 23 00-0248)*

09 91 23 00-0305	LF	1 Coat Primer, Brush/Roller Work, Paint Interior Wood Window Frame And Trim	1.43	
		For Oil Based Paint, Add	*0.09*	
		For Painting One Face Of Frame Only, Deduct	*-0.40*	
09 91 23 00-0306	LF	1 Coat Paint, Brush/Roller Work, Paint Interior Wood Window Frame And Trim	1.43	
		For Oil Based Paint, Add	*0.09*	
		For Painting One Face Of Frame Only, Deduct	*-0.40*	
09 91 23 00-0307	LF	2 Coats Paint, Brush/Roller Work, Paint Interior Wood Window Frame And Trim	3.13	
		For Oil Based Paint, Add	*0.19*	
		For Painting One Face Of Frame Only, Deduct	*-0.88*	
09 91 23 00-0308	LF	1 Coat Primer, Brush/Roller Work, Paint Interior Metal Window Frame And Trim Note: Brush/roller work.	1.68	
		For Painting One Face Of Frame Only, Deduct	*-0.50*	
09 91 23 00-0309	LF	1 Coat Paint, Brush/Roller Work, Paint Interior Metal Window Frame And Trim Note: Brush/roller work.	1.68	
		For Painting One Face Of Frame Only, Deduct	*-0.50*	
09 91 23 00-0310	LF	2 Coats Paint, Brush/Roller Work, Paint Interior Metal Window Frame And Trim Note: Brush/roller work.	3.62	
		For Painting One Face Of Frame Only, Deduct	*-1.07*	

09 91 23 00-0311 Paint Interior Cabinets And Casework *(09 91 23)*

09 91 23 00-0312 Paint Interior Wood Cabinets And Casework *(09 91 23 00-0311)*

09 91 23 00-0313	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Wood Cabinets And Casework	1.29	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0314	SF	1 Coat Enamel Primer And 1 Coat Alkyd Or Latex Paint, Brush/Roller Work, Paint Interior Wood Cabinets And Casework	1.77	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.27*	
09 91 23 00-0315	SF	1 Coat Enamel Primer And 2 Coats Alkyd Or Latex Paint, Brush/Roller Work, Paint Interior Wood Cabinets And Casework	2.91	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.29*	
		For >20,000, Deduct	*-0.44*	
09 91 23 00-0316		**Paint Exposed Metal Lockers And Cabinets** *(09 91 23 00-0311)*		
09 91 23 00-0317	SF	1 Coat Primer, Brush/Roller Work, Paint Exposed Metal Locker	1.43	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.21*	
09 91 23 00-0318	SF	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Exposed Metal Locker	1.42	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.21*	
09 91 23 00-0319	SF	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Exposed Metal Locker	2.64	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.26*	
		For >20,000, Deduct	*-0.40*	
09 91 23 00-0320		**Paint Interior Stairs** *(09 91 23)*		
09 91 23 00-0321		**Paint Interior Concrete Stairs** *(09 91 23 00-0320)*		
		Note: Includes the riser and tread.		
09 91 23 00-0322	RSR	1 Coat Primer, Brush/Roller Work, Paint Interior Concrete Stair (To 4' Wide)	18.33	
09 91 23 00-0323	RSR	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Interior Concrete Stair (To 4' Wide)	18.33	
09 91 23 00-0324	RSR	1 Coat Non-Slip Paint, Brush/Roller Work, Paint Interior Concrete Stair (To 4' Wide) Note: Excludes riser.	15.84	
09 91 23 00-0325	RSR	1 Coat Non-Slip Epoxy Paint, Brush/Roller Work, Paint Interior Concrete Stair (To 4' Wide) Note: Excludes riser.	33.80	
09 91 23 00-0326	RSR	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Interior Concrete Stair (To 4' Wide)	36.65	
09 91 23 00-0327		**Paint Interior Metal Stairs** *(09 91 23 00-0320)*		
		Note: Includes the riser and tread.		
09 91 23 00-0328	RSR	1 Coat Primer, Brush/Roller Work, Paint Interior Metal Stair (To 4' Wide)	10.17	
09 91 23 00-0329	RSR	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Interior Metal Stair (To 4' Wide)	9.79	
09 91 23 00-0330	RSR	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Interior Metal Stair (To 4' Wide)	19.57	
09 91 23 00-0331		**Paint Interior Wood Stairs** *(09 91 23 00-0320)*		
		Note: Includes the riser and tread.		
09 91 23 00-0332	RSR	1 Coat Primer, Brush/Roller Work, Paint Interior Wood Stair (To 4' Wide)	9.47	
09 91 23 00-0333	RSR	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Interior Wood Stair (To 4' Wide)	9.47	
09 91 23 00-0334	RSR	1 Coat Non-Slip Paint, Brush/Roller Work, Paint Interior Wood Stair (To 4' Wide) Note: Excludes riser.	11.40	
09 91 23 00-0335	RSR	1 Coat Non-Slip Epoxy Paint, Brush/Roller Work, Paint Interior Wood Stair (To 4' Wide) Note: Excludes riser.	29.36	
09 91 23 00-0336	RSR	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Interior Wood Stair (To 4' Wide)	18.91	
09 91 23 00-0337		**Paint Interior Stair Nosing** *(09 91 23 00-0320)*		
09 91 23 00-0338	LF	1 Coat Paint, Up To 2", Non-Slip, Brush Work, Paint Interior Yellow Stair Safety Strip	1.59	
09 91 23 00-0339		**Paint Interior Trim** *(09 91 23)*		
09 91 23 00-0340		**Paint Interior Metal Trim** *(09 91 23 00-0339)*		
09 91 23 00-0341	SF	1 Coat Primer, Brush Work, Paint Interior Exposed Metal Trim	1.28	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.57*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0342	SF	1 Coat Paint, Brush Work, Paint Interior Exposed Metal Trim	1.39	
		For Work >15' To 20' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.63*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0343	SF	2 Coats Paint, Brush Work, Paint Interior Exposed Metal Trim	2.53	
		For Work >15' To 20' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.51*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.82*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.13*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0344	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Exposed Metal Trim	1.08	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0345	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Exposed Metal Trim	1.17	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.51*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0346	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Exposed Metal Trim	2.12	
		For Work >15' To 20' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.66*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.90*	
		Note: Applied only to work area above 40'.		

09 91 23 00-0347 Paint Interior Wood Trim *(09 91 23 00-0339)*

09 91 23 00-0348	LF	1 Coat Primer, Brush Work, Paint Interior Wood Trim To 6" Wide	0.79	
		For Oil Based Paint, Add	*0.04*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0349	LF	1 Coat Paint, Brush Work, Paint Interior Wood Trim To 6" Wide	0.88	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0350	LF	2 Coats Paint, Brush Work, Paint Interior Wood Trim To 6" Wide	1.83	
		For Oil Based Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.68*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.94*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0351	SF	1 Coat Primer, Brush Work, Paint Interior Wood Trim	2.45	
		For Oil Based Paint, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.54*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.86*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.18*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0352	SF	1 Coat Paint, Brush Work, Paint Interior Wood Trim	2.73	
		For Oil Based Paint, Add	*0.15*	
		For Work >15' To 20' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.60*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.95*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.31*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0353	SF	2 Coats Paint, Brush Work, Paint Interior Wood Trim	4.95	
		For Oil Based Paint, Add	*0.28*	
		For Work >15' To 20' Above Floor, Add	*0.64*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*1.06*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*1.70*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*2.34*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0354	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Wood Trim	2.02	
		For Oil Based Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.68*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.94*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0355	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Wood Trim	2.26	
		For Oil Based Paint, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.76*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.05*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0356	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Wood Trim	4.07	
		For Oil Based Paint, Add	*0.24*	
		For Work >15' To 20' Above Floor, Add	*0.51*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.84*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*1.35*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.85*	
		Note: Applied only to work area above 40'.		

09 91 23 00-0357 Paint Interior Metal Surfaces *(09 91 23)*

09 91 23 00-0358 Paint Interior Miscellaneous Metal Surfaces *(09 91 23 00-0357)*

09 91 23 00-0359	SF	1 Coat Alkyd Anticorrosive Metal Primer, Brush/Roller Work, Paint Interior Miscellaneous Metal Surfaces	0.88	
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.18*	
		For Electrostatic Painting, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0360	SF	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Interior Miscellaneous Metal Surfaces	1.06	
		For Up To 100, Add	*0.65*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
		For Electrostatic Painting, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.45*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0361	SF	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Interior Miscellaneous Metal Surfaces	1.85	
		For Up To 100, Add	*1.13*	
		For >100 To 250, Add	*0.54*	
		For >250 To 500, Add	*0.23*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.28*	
		For >20,000, Deduct	*-0.37*	
		For Electrostatic Painting, Add	*0.25*	
		For Work >15' To 20' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.57*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.78*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0362	SF	1 Coat Alkyd Anticorrosive Metal Primer, Sprayed, Paint Interior Miscellaneous Metal Surfaces	1.21	
		For Up To 100, Add	*0.75*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
		For Electrostatic Painting, Add	*0.16*	
		For Backroll, Add	*0.15*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.52*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0363	SF	1 Coat Alkyd Enamel Paint, Sprayed, Paint Interior Miscellaneous Metal Surfaces	1.21	
		For Up To 100, Add	*0.75*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
		For Electrostatic Painting, Add	*0.16*	
		For Backroll, Add	*0.15*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.52*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0364	SF	2 Coats Alkyd Enamel Paint, Sprayed, Paint Interior Miscellaneous Metal Surfaces	1.97	
		For Up To 100, Add	*1.17*	
		For >100 To 250, Add	*0.56*	
		For >250 To 500, Add	*0.24*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.30*	
		For >20,000, Deduct	*-0.39*	
		For Electrostatic Painting, Add	*0.28*	
		For Backroll, Add	*0.24*	
		For Work >15' To 20' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.58*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.80*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0365	LF	1 Coat Alkyd Enamel, Cut-in Brush Work, Paint Interior Miscellaneous Exposed Metal	0.18	
		For Up To 100, Add	*0.11*	
		For >100 To 250, Add	*0.05*	
		For >250 To 500, Add	*0.02*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.03*	
		For >20,000, Deduct	*-0.04*	
		For Electrostatic Painting, Add	*0.02*	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.04*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0366		**Paint Additives** *(09 91 23)*		
09 91 23 00-0367	SF	Mildewcide/Mold Killing Paint Additive Per Each Coat	0.02	
09 91 23 00-0368	SF	Class "B" Fire Rating, Fire Resistant Paint Additive	0.08	
		For Class "A" Fire Rating, Add	*0.08*	
09 91 23 00-0369		**Hand Painting Letters/Numbers** *(09 91 23)*		
		Note: Painting on walls, floors, poles, signs, etc.		
09 91 23 00-0370	EA	Up To 1" High, Hand Paint, Per Letter/Number	2.47	
09 91 23 00-0371	EA	1" To 2" High, Hand Paint, Per Letter/Number	2.87	
09 91 23 00-0372	EA	2" To 3" High, Hand Paint, Per Letter/Number	4.34	
09 91 23 00-0373	EA	3" To 4" High, Hand Paint, Per Letter/Number	5.31	
09 91 23 00-0374	EA	4" To 6" High, Hand Paint, Per Letter/Number	7.33	
09 91 23 00-0375	EA	6" To 12" High, Hand Paint, Per Letter/Number	9.28	
09 91 23 00-0376	EA	Over 12" High, Hand Paint, Per Letter/Number	10.88	
09 91 23 00-0377		**Glove/Mitt Application** *(09 91 23)*		
09 91 23 00-0378		**Conduit/Pipe** *(09 91 23 00-0377)*		
09 91 23 00-0379	CSF	Acid Wash (Muriatic Acid) Conduit Or Pipe With Glove/Mitt	46.57	
		For Work >15' To 20' Above Floor, Add	*6.49*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*10.82*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*17.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*23.81*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0380	CSF	Metal Primer Conduit Or Pipe With Glove/Mitt	78.43	
		For Work >15' To 20' Above Floor, Add	*7.79*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*12.99*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*20.78*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*28.57*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0381	CSF	Enamel Paint, Oil Base Paint, First Coat Conduit Or Pipe With Glove/Mitt	61.95	
		For Work >15' To 20' Above Floor, Add	*5.71*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*9.52*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*15.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*20.95*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0382	CSF	Enamel Paint, Oil Base Paint, Second Coat Conduit Or Pipe With Glove/Mitt	50.91	
		For Work >15' To 20' Above Floor, Add	*4.29*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*7.14*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*11.43*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*15.71*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0383	CSF	Epoxy Paint, First Coat Conduit Or Pipe With Glove/Mitt	97.17	
		For Work >15' To 20' Above Floor, Add	*6.49*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*10.82*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*17.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*23.81*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0384	CSF	Epoxy Paint, Second Coat Conduit Or Pipe With Glove/Mitt	89.74	
		For Work >15' To 20' Above Floor, Add	*5.71*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*9.52*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*15.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*20.95*	
		Note: Applied only to work area above 40'.		

09 91 23 00-0385 Ductwork *(09 91 23 00-0377)*

09 91 23 00-0386	CSF	Acid Wash (Muriatic Acid) Ductwork With Glove/Mitt	46.57	
		For Work >15' To 20' Above Floor, Add	*6.49*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*10.82*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*17.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*23.81*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0387	CSF	Metal Primer Ductwork With Glove/Mitt	76.21	
		For Work >15' To 20' Above Floor, Add	*6.49*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*10.82*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*17.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*23.81*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0388	CSF	Enamel Paint, Oil Base Paint Ductwork With Glove/Mitt	56.29	
		For Work >15' To 20' Above Floor, Add	*5.19*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*8.66*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*13.85*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*19.05*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0389	CSF	Epoxy Paint, First Coat Ductwork With Glove/Mitt	93.30	
		For Work >15' To 20' Above Floor, Add	*6.49*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*10.82*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*17.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*23.81*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0390	CSF	Epoxy Paint, Second Coat Ductwork With Glove/Mitt	81.51	
		For Work >15' To 20' Above Floor, Add	*5.19*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*8.66*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*13.85*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*19.05*	
		Note: Applied only to work area above 40'.		

09 91 33 Painting Materials *(09 91)*

Note: Paint per gallon for owners to obtain extra paint. Not to be used in conjunction with other painting tasks.

09 91 33 00-0001 Primer *(09 91 33)*

09 91 33 00-0002	GAL	Alkyd Primer/Sealer, Interior, 500 SF Per Gallon	62.70
09 91 33 00-0003	GAL	Alkyd Wood Primer, Exterior, 400 SF Per Gallon	39.95
09 91 33 00-0004	GAL	Prime Coat Oil Wood Primer, 310 SF Per Gallon	50.66
09 91 33 00-0005	GAL	Catalyzed Epoxy Primer, Two Component Type, 425 SF Per Gallon	143.49
09 91 33 00-0006	EA	Cement Base Primer, 25 Lb. Sack	41.78
09 91 33 00-0007	GAL	Alkali Resistant Concrete And Masonry Primer, Exterior, 225 SF Per Gallon	64.41
09 91 33 00-0008	GAL	Alkali Resistant Concrete And Masonry Primer, Interior, 225 SF Per Gallon	51.70
09 91 33 00-0009	GAL	Acrylic Latex Primer, Flat Exterior, Fast Drying Wood Undercoat And Back Primer, 400 SF per Gallon	39.95
09 91 33 00-0010	GAL	Acrylic (Vinyl Acrylic) Block Filler, 50 SF Per Gallon	36.30
09 91 33 00-0011	GAL	Acrylic (Vinyl Acrylic) Rust Inhibiting Metal, Primer - 500 SF Per Gallon: Paint - 260 SF Per Gallon	63.97
09 91 33 00-0012	GAL	Acrylic Heavy-Duty Wall Primer/Sealer, Low Odor Type, Alkali-Resistant, 800 SF Per Gallon	53.27
09 91 33 00-0013	GAL	Acrylic (Vinyl Acrylic) Undercoat, All Purpose, Interior/Exterior, 500 SF Per Gallon	53.27
09 91 33 00-0014	GAL	Latex Wood Primer, Exterior, 300 SF Per Gallon	60.06
09 91 33 00-0015	GAL	Linseed (Oil Base) Primer, Exterior/Interior, 300 SF Per Gallon	39.17
09 91 33 00-0016	GAL	Red Alkyd Primer, 500 SF Per Gallon	107.32
09 91 33 00-0017	GAL	Wood Sealer/Primer, Interior, Clear, 600 SF Per Gallon	41.78
09 91 33 00-0018	GAL	Zinc Chromate Primer, 300 SF Per Gallon	33.42
09 91 33 00-0019	GAL	Zinc Dust/Zinc Oxide Primer, 300 SF Per Gallon	86.43
09 91 33 00-0020	GAL	Stain Killer, Alcohol Base	53.89
09 91 33 00-0021	GAL	Sealer, Primer Kilz, 400 SF Per Gallon	60.81

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 33 00-0022		**Paint** *(09 91 33)*		
09 91 33 00-0023	GAL	Aluminum Fiber Roof Coat On Composition Roof, 50 SF Per Gallon	29.24	
09 91 33 00-0024	GAL	Acrylic Urethane Sealer	145.01	
09 91 33 00-0025	GAL	Asphalt-Fiber Roof And Foundation Coating, Solvent Type Note: 75 SF per gallon on roof or concrete, 100 SF per gallon on metal.	15.67	
09 91 33 00-0026	GAL	Concrete Enamel Epoxy, 350 SF Per Gallon	90.61	
09 91 33 00-0027	GAL	Concrete Acrylic Sealer, 400 SF Per Gallon	47.52	
09 91 33 00-0028	GAL	Tar Emulsion, Driveway Coating, 120 SF Per Gallon	20.81	
09 91 33 00-0029	GAL	Acrylic Latex, Driveway Coating, 250 SF Per Gallon	31.56	
09 91 33 00-0030	GAL	Exterior, Oil Base, Gloss Enamel, 400 SF Per Gallon	86.07	
09 91 33 00-0031	GAL	Exterior, Oil Base, Gloss, 400 SF Per Gallon	84.97	
09 91 33 00-0032	GAL	Exterior, Oil Base, Semi-Gloss, 400 SF Per Gallon	69.36	
09 91 33 00-0033	GAL	Exterior, Flat, Oil Base	63.58	
09 91 33 00-0034	GAL	Exterior, Latex, Semi-Gloss, 400 SF Per Gallon	60.34	
09 91 33 00-0035	GAL	Exterior, Flat Latex, Trim Paint, 500 SF Per Gallon	71.10	
09 91 33 00-0036	GAL	Exterior, Latex Flat Paint, 300 SF Per Gallon	63.12	
09 91 33 00-0037	GAL	Exterior, Water Base, Latex Gloss Enamel	89.85	
09 91 33 00-0038	GAL	Cold Galvanizing Paint	363.46	
09 91 33 00-0039	GAL	High Heat Paint	151.93	
09 91 33 00-0040	GAL	Heat Resistant Paint	101.29	
09 91 33 00-0041	GAL	Zinc Chromate Paint	91.64	
09 91 33 00-0042	QT	Anti-Rust Enamel, 500 SF Per Quart	36.17	
09 91 33 00-0043	GAL	Rust Inhibitor, Ferrous Metal	101.29	
09 91 33 00-0044	GAL	Masonry Waterproofing, 100 SF Per Gallon	63.12	
09 91 33 00-0045	GAL	Alkyd Latex, Black	75.16	
09 91 33 00-0046	GAL	Alkyd Latex, White	68.33	
09 91 33 00-0047	GAL	Alkyd Latex, Colors	82.40	
09 91 33 00-0048	QT	Wrought Iron Paint, Black	92.45	
09 91 33 00-0049	GAL	Vinyl Paint	79.90	
09 91 33 00-0050	GAL	Silicone Alkyd	97.13	
09 91 33 00-0051	GAL	2 Component Solvent Based Acrylic Epoxy	98.70	
09 91 33 00-0052	GAL	2 Component Solvent Based Polyester Epoxy	123.77	
09 91 33 00-0053	GAL	Chlorinated Rubber	90.87	
09 91 33 00-0054	GAL	Polyamide Epoxy Sealer	94.00	
09 91 33 00-0055	GAL	Coal Tar Epoxy	67.37	
09 91 33 00-0056	GAL	Swimming Pool Enamel, 350 SF Per Gallon	84.08	
09 91 33 00-0057	GAL	Swimming Pool Epoxy Or Urethane Base	109.67	
09 91 33 00-0058	GAL	Swimming Pool Rubber Base	75.20	
09 91 33 00-0059	GAL	Interior, Latex Flat Paint, 300 SF Per Gallon	47.78	
09 91 33 00-0060	GAL	Interior, Latex Eggshell Or Semi-Gloss Enamel, 300 SF Per Gallon	58.88	
09 91 33 00-0061	GAL	Interior, Fire-Retardant Flat Paint, 200 SF Per Gallon	97.92	
09 91 33 00-0062	GAL	Interior, Ceiling White Latex Flat, 350 SF Per Gallon	33.16	
09 91 33 00-0063	GAL	Linseed Oil	28.98	
09 91 33 00-0064	GAL	Latex Floor Paint, 300 SF Per Gallon	47.52	
09 91 33 00-0065	GAL	Acrylic Floor Paint, 400 SF Per Gallon	53.53	
09 91 33 00-0066	GAL	Textured Paint, Sand Texture Latex, Armor Coat, 100 SF Per Gallon	48.96	
09 91 33 00-0067	GAL	Acoustic Spray-On Texture, Finish	39.34	
09 91 33 00-0068		**Stain, Varnish** *(09 91 33)*		
09 91 33 00-0069	GAL	Thompson Water Sealer, 150 SF Per Gallon	27.16	
09 91 33 00-0070	GAL	Latex Redwood Stain, Water Base, 300 SF Per Gallon	50.66	
09 91 33 00-0071	GAL	Redwood Oil Stain, 300 SF Per Gallon	45.17	
09 91 33 00-0072	GAL	Varnish, Clear	47.42	
09 91 33 00-0073	GAL	Penetrating Water-Repellent Stain	34.44	
09 91 33 00-0074	GAL	Redwood Hue Or Clear Stain	30.78	
09 91 33 00-0075	GAL	Polyurethane	54.04	
09 91 33 00-0076	GAL	Lacquer, Semi-Gloss	47.66	
09 91 33 00-0077	GAL	Shellac, Clear	62.53	
09 91 33 00-0078	GAL	Acetone	20.63	
09 91 33 00-0079	GAL	Paint Thinner	5.09	
09 91 33 00-0080	GAL	Shellac Or Lacquer Thinner	20.89	
09 91 33 00-0081	GAL	Turpentine	28.72	
09 91 33 00-0082	GAL	Wood Filler Paste	49.09	
09 91 33 00-0083	GAL	Wood Preservative, Pentachlorophenol, General Purpose, 40%, 150 SF Per Gallon	39.17	
09 91 33 00-0084	GAL	Water Based Alkyd Urethane (Sherwin Williams B53W01153)	106.51	

09 91 43 Surface Preparation *(09 91)*

See CSI section 09 01 90 52-0000 for preparation on painted or unpainted surfaces.

09 93 Staining and Transparent Finishing *(09 90)*

Note: Includes light sanding or screening between coats.

09 93 23 Interior Staining and Finishing *(09 93)*

Note: VOC compliant in all regulated areas, review specifications for levels.

09 93 23 13 Interior Staining *(09 93 23)*

09 93 23 13-0001 Stain Wood Trim *(09 93 23 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 93 23 13-0002	LF	Stain Wood Trim, Up To 6" Wide, 1 Coat Stain, With Brush And Wipe Off	1.18	
		For Up To 100, Add	*0.83*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
		For >4,000, Deduct	*-0.06*	
09 93 23 13-0003	SF	Stain Wood Trim, 1 Coat Stain, With Brush And Wipe Off	1.75	
		For Up To 100, Add	*1.22*	
		For >100 To 250, Add	*0.57*	
		For >250 To 500, Add	*0.25*	
		For >4,000, Deduct	*-0.09*	

09 93 23 13-0004 Stain Wood Floor *(09 93 23 13)*

09 93 23 13-0005	SF	Stain Or Varnish Wood Floor, 1 Coat Stain, Brush Work	0.58	
		For Up To 100, Add	*0.34*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
		For >4,000, Deduct	*-0.03*	
09 93 23 13-0006	SF	Stain Or Varnish Wood Floor, 1 Coat Stain, Brush/Roller Work	0.44	
		For Up To 100, Add	*0.23*	
		For >100 To 250, Add	*0.11*	
		For >250 To 500, Add	*0.05*	
		For >4,000, Deduct	*-0.02*	

09 93 23 13-0007 Stain Wood Door And Window *(09 93 23 13)*

09 93 23 13-0008	EA	Stain Wood Door, 1 Coat Stain With Brush And Wipe Off Wood Door (Per Face)	56.09	
		For Up To 4, Add	*40.62*	
		For >4 To 10, Add	*19.03*	
		For >10 To 20, Add	*8.17*	
		For >160, Deduct	*-2.80*	
09 93 23 13-0009	EA	Stain Wood Window, 1 Coat Stain With Brush And Wipe Off Wood Window And Frame (Per Face)	40.33	
		For Up To 4, Add	*28.12*	
		For >4 To 10, Add	*13.23*	
		For >10 To 20, Add	*5.70*	
		For >160, Deduct	*-2.02*	

09 93 23 13-0010 Stain Wood Cabinet *(09 93 23 13)*

09 93 23 13-0011	SF	Stain Cabinet, 1 Coat Stain With Brush And Wipe	1.41	

09 93 23 53 Interior Finishing *(09 93 23)*

09 93 23 53-0001 Concrete Finishes *(09 93 23 53)*

09 93 23 53-0002	SF	Finish Concrete Floor, 1 Coat Polyurethane	0.88	
		For Up To 100, Add	*0.50*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.11*	
		For >4,000, Deduct	*-0.04*	

09 93 23 53-0003 Wood Trim Finishes *(09 93 23 53)*

09 93 23 53-0004	SF	Finish Wood Trim, 1 Coat Sealer And 1 Coat Varnish Or Polyurethane	1.45	
		For Up To 100, Add	*0.94*	
		For >100 To 250, Add	*0.45*	
		For >250 To 500, Add	*0.19*	
		For >4,000, Deduct	*-0.07*	
09 93 23 53-0005	SF	Finish Wood Trim, 1 Coat Varnish Or Polyurethane	0.95	
		For Up To 100, Add	*0.65*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.13*	
		For >4,000, Deduct	*-0.05*	

09 93 23 53-0006 Wood Floor Finishes *(09 93 23 53)*

09 93 23 53-0007	SF	Refinish Wood Floor, 2 Coats Polyurethane Note: Includes sanding existing floor.	3.25	
		For Up To 100, Add	*2.28*	
		For >100 To 250, Add	*1.07*	
		For >250 To 500, Add	*0.46*	
		For >4,000, Deduct	*-0.16*	
09 93 23 53-0008	SF	Polyurethane Wood Floor, 1 Coat Polyurethane, With Wool Applicator Or Brush Work Note: Includes screening between coats.	0.73	
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >4,000, Deduct	*-0.04*	
09 93 23 53-0009	SF	Refinish Wood Floor, 1 Coat Sealer And 2 Coats Polyurethane Note: Includes sanding existing floor.	3.70	
		For Up To 100, Add	*2.57*	
		For >100 To 250, Add	*1.21*	
		For >250 To 500, Add	*0.52*	
		For >4,000, Deduct	*-0.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 93 23 53-0010		**Wood Door And Window Finishes** *(09 93 23 53)* See CSI section 08 14 16 00-0627 for factory finish.		
09 93 23 53-0011	EA	Varnish Or Polyurethane Wood Door, 1 Coat Shellac (Per Face)	40.55	
		For Up To 4, Add	*29.27*	
		For >4 To 10, Add	*13.72*	
		For >10 To 20, Add	*5.89*	
		For >160, Deduct	*-2.03*	
09 93 23 53-0012	EA	Varnish Or Polyurethane Wood Door, 3 Coats Shellac, With Light Sanding Between Coats (Per Face)	123.61	
		For Up To 4, Add	*87.46*	
		For >4 To 10, Add	*41.08*	
		For >10 To 20, Add	*17.67*	
		For >160, Deduct	*-6.18*	
09 93 23 53-0013		**Cabinet Finishes** *(09 93 23 53)*		
09 93 23 53-0014	SF	Finish Cabinet, 1 Coat Shellac, Varnish Or Polyurethane	1.42	
09 93 23 53-0015		**Gym, Stage And Dance Floor Finishes** *(09 93 23 53)*		
09 93 23 53-0016	SF	Yearly Maintenance Refinish Of Gym, Stage Or Dance Floor Note: Includes screening, one coat of finish and buffing. Excludes repainting of game lines.	0.89	
09 93 23 53-0017	SF	Finish New Elementary School Wood Gym, Stage Or Dance Floor Note: Includes sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.	3.92	
		For Stage Or Dance Floors, Deduct	*-0.08*	
09 93 23 53-0018	SF	Finish New Middle Or Junior School Wood Gym, Stage Or Dance Floor Note: Includes sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.	4.01	
		For Stage Or Dance Floors, Deduct	*-0.08*	
09 93 23 53-0019	SF	Finish New High School Wood Gym, Stage Or Dance Floor Note: Includes sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.	4.09	
		For Stage Or Dance Floors, Deduct	*-0.08*	
09 93 23 53-0020	SF	Refinish Existing Elementary School Wood Gym, Stage Or Dance Floor Note: Includes removal of existing finish and sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.	3.92	
		For Stage Or Dance Floors, Deduct	*-0.08*	
09 93 23 53-0021	SF	Refinish Existing Middle Or Junior School Wood Gym, Stage Or Dance Floor Note: Includes removal of existing finish and sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.	4.01	
		For Stage Or Dance Floors, Deduct	*-0.08*	
09 93 23 53-0022	SF	Refinish Existing High School Wood Gym, Stage Or Dance Floor Note: Includes removal of existing finish and sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.	4.09	
		For Stage Or Dance Floors, Deduct	*-0.08*	

09 96 High-Performance Coatings *(09 90)*

09 96 23 Graffiti-Resistant Coatings *(09 96)*

09 96 23 00-0001		**Anti-Graffiti Coating** *(09 96 23)*		
09 96 23 00-0002	SF	Sacrificial Anti-Graffiti Coating, Per Coat	1.50	
		For Up To 100, Add	*0.88*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.18*	
09 96 23 00-0003	SF	Permanent (Non-Sacrificial) Anti-Graffiti Coating, Per Coat	1.61	
		For Up To 100, Add	*0.90*	
		For >100 To 250, Add	*0.43*	
		For >250 To 500, Add	*0.19*	

09 96 53 Elastomeric Coatings *(09 96)*

09 96 53 00-0001		**Elastomeric** *(09 96 53)* Note: Per coat.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 96 53 00-0002	SF	1 Coat, 5.3 To 8 Wet Mils, Brush Work, Elastomeric Primer Applied To Walls And Floors	0.89	
		For Up To 100, Add	*0.55*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.18*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 40'.		
09 96 53 00-0003	SF	1 Coat, 5.3 To 8 Wet Mils, Brush/Roller Work, Elastomeric Primer Applied To Walls And Floors	0.77	
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.15*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 40'.		
09 96 53 00-0004	SF	1 Coat, 5.3 To 8 Wet Mils, Sprayed, Elastomeric Primer Applied To Walls And Floors	0.69	
		For Up To 100, Add	*0.37*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.14*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 40'.		
09 96 53 00-0005	SF	1 Coat, 13 To 16 Wet Mils, Brush Work, Elastomeric Paint Applied To Walls And Floors	2.00	
		For Up To 100, Add	*0.79*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.30*	
		For >20,000, Deduct	*-0.40*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.45*	
		Note: Applied only to work area above 40'.		
09 96 53 00-0006	SF	1 Coat, 13 To 16 Wet Mils, Brush/Roller Work, Elastomeric Paint Applied To Walls And Floors	1.87	
		For Up To 100, Add	*0.69*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.28*	
		For >20,000, Deduct	*-0.37*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 96 53 00-0007	SF	1 Coat, 13 To 16 Wet Mils, Sprayed, Elastomeric Paint Applied To Walls And Floors	2.12	
		For Up To 100, Add	*0.64*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.32*	
		For >20,000, Deduct	*-0.42*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 40'.		
09 96 53 00-0008	SF	1 Coat, 5.3 To 8 Wet Mils, Brush Work, Elastomeric Primer Applied To Ceilings And Overhead	1.01	
		For Up To 100, Add	*0.64*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.45*	
		Note: Applied only to work area above 40'.		
09 96 53 00-0009	SF	1 Coat, 5.3 To 8 Wet Mils, Brush/Roller Work, Elastomeric Primer Applied To Ceilings And Overhead	0.87	
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 40'.		
09 96 53 00-0010	SF	1 Coat, 5.3 To 8 Wet Mils, Sprayed, Elastomeric Primer Applied To Ceilings And Overhead	0.76	
		For Up To 100, Add	*0.43*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 40'.		
09 96 53 00-0011	SF	1 Coat, 13 To 16 Wet Mils, Brush Work, Elastomeric Paint Applied To Ceilings And Overhead	2.14	
		For Up To 100, Add	*0.90*	
		For >100 To 250, Add	*0.45*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.32*	
		For >20,000, Deduct	*-0.43*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 96 53 00-0012	SF	1 Coat, 13 To 16 Wet Mils, Brush/Roller Work, Elastomeric Paint Applied To Ceilings And Overhead	1.99	
		For Up To 100, Add	*0.78*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.30*	
		For >20,000, Deduct	*-0.40*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.45*	
		Note: Applied only to work area above 40'.		
09 96 53 00-0013	SF	1 Coat, 13 To 16 Wet Mils, Sprayed, Elastomeric Paint Applied To Ceilings And Overhead	2.21	
		For Up To 100, Add	*0.70*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.22*	
		For >10,000 To 20,000, Deduct	*-0.33*	
		For >20,000, Deduct	*-0.44*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		

09 97 Special Coatings *(09 90)*

09 97 35 Dry Erase Coatings *(09 97)*

09 97 35 00-0001 Dry-Erase Paint *(09 97 35)*

09 97 35 00-0002 Dry-Erase Paint (IdeaPaint™ PRO) *(09 97 35 00-0001)*

09 97 35 00-0003	SF	Dry-Erase Paint (IdeaPaint™ PRO), Applied With Roller	12.71
		Note: Includes two coats of primer and white, white sand, light beige or light gray surface.	

09 97 35 00-0004 Low VOC/Odorless, Dry-Erase Paint (IdeaPaint™ CREATE) *(09 97 35 00-0001)*

09 97 35 00-0005	SF	Clear, Low VOC/Odorless, Dry-Erase Paint (IdeaPaint™ CREATE), Applied With Roller	7.10
		Note: For application over existing latex-based top coats.	
09 97 35 00-0006	SF	Black Or White, Low VOC/Odorless, Dry-Erase Paint (IdeaPaint™ CREATE), Applied With Roller	13.63
		Note: Includes two coats of primer and white or black surface coat.	

END OF SECTION 09

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

10 Specialties

10 01 Operation and Maintenance of Specialties *(10)*

10 01 30 Operation and Maintenance of Fireplaces and Stoves *(10 01)*

10 01 30 00-0001 Fireplace Cleaning *(10 01 30)*

10 01 30 00-0002	EA	Inspect And Clean Fireplace Insert	257.49
10 01 30 00-0003	EA	Inspect And Clean Fireplace Insert And Chimney	308.99
10 01 30 00-0004	EA	Inspect And Clean Fireplace Brick/Masonry Chimney	411.98

10 01 40 Operation and Maintenance of Safety Specialties *(10 01)*

10 01 40 00-0001 Recharge Existing Portable Fire Extinguishers *(10 01 40)*

Note: Includes removal, filling, testing, certification and reinstallation.

10 01 40 00-0002 Recharge Carbon Dioxide, Class BC Portable Fire Extinguishers *(10 01 40 00-0001)*

10 01 40 00-0003	EA	Recharge 2.5 Lb. Carbon Dioxide Portable Fire Extinguisher	18.49
10 01 40 00-0004	EA	Recharge 5 Lb. Carbon Dioxide Portable Fire Extinguisher	20.54
10 01 40 00-0005	EA	Recharge 10 Lb. Carbon Dioxide Portable Fire Extinguisher	21.36
10 01 40 00-0006	EA	Recharge 15 Lb. Carbon Dioxide Portable Fire Extinguisher	24.18
10 01 40 00-0007	EA	Recharge 20 Lb. Carbon Dioxide Portable Fire Extinguisher	27.94

10 01 40 00-0008 Recharge Dry Chemical, Class ABC Portable Fire Extinguishers *(10 01 40 00-0001)*

10 01 40 00-0009	EA	Recharge 2.5 Lb. Dry Chemical Portable Fire Extinguisher	22.30
10 01 40 00-0010	EA	Recharge 5 Lb. Dry Chemical Portable Fire Extinguisher	27.00
10 01 40 00-0011	EA	Recharge 10 Lb. Dry Chemical Portable Fire Extinguisher	38.15
10 01 40 00-0012	EA	Recharge 20 Lb. Dry Chemical Portable Fire Extinguisher	60.22

10 01 40 00-0013 Recharge Other Portable Fire Extinguishers *(10 01 40 00-0001)*

10 01 40 00-0014	EA	Recharge 2.5 Gallon Pressurized Water Portable Fire Extinguisher	22.07
10 01 40 00-0015	EA	Recharge 1.6 Gallon Wet Chemical Class K Fire Extinguisher	157.30
10 01 40 00-0016	EA	Recharge 2.5 Gallon Wet Chemical Class K Fire Extinguisher	220.21
10 01 40 00-0017	EA	Recharge 30 Lb. Dry Powder Class D Portable Fire Extinguisher	90.67

10 01 50 Operation and Maintenance of Storage Specialties *(10 01)*

10 01 50 11 Operation and Maintenance of Storage Specialties *(10 01 50)*

10 01 50 11-0001 Locker Repair And Refinishing *(10 01 50 11)*

10 01 50 11-0002	EA	Removal And Replacement Of Single Tier Locker Door	370.82
10 01 50 11-0003	EA	Removal And Replacement Of Two Tier Locker Door	291.56
10 01 50 11-0004	EA	Removal And Replacement Of Three Tier Locker Door	249.81
10 01 50 11-0005	EA	Removal And Replacement Of Four Tier Locker Door	210.65
10 01 50 11-0006	EA	Removal And Replacement Of Six Tier Or Sixteen Person Locker Door	116.22
10 01 50 11-0007	EA	Realign Metal Locker Door For Proper Closure	51.50
10 01 50 11-0008	EA	Patch Small Drill Holes in Locker	10.30

10 01 70 Operation and Maintenance of Exterior Specialties *(10 01)*

10 01 70 11 Operation and Maintenance of Exterior Specialties *(10 01 70)*

10 01 70 11-0001 Wrought Iron Boot Scrapers *(10 01 70 11)*

10 01 70 11-0002	EA	Black Wrought Iron Boot Scrapers Bolted To Concrete Note: Rensup; Ultimate Boot Brush	173.01

10 01 80 Operation and Maintenance of Other Specialties *(10 01)*

10 01 80 00-0001 Rope - Material Only *(10 01 80)*

Note: SAFE WORK LOAD - Safe working load is 5-20% of the listed tensile strength (minimum break) depending on the age and condition of the rope.

10 01 80 00-0002 Solid Braid Nylon Rope *(10 01 80 00-0001)*

10 01 80 00-0003	LF	1/8" Solid Braid Nylon Rope Note: 338 Lb. minimum break	0.07
		For <100, Add	*0.01*
		For >600, Deduct	*-0.01*
10 01 80 00-0004	LF	3/16" Solid Braid Nylon Rope Note: 827 Lb. minimum break	0.11
		For <100, Add	*0.02*
		For >600, Deduct	*-0.02*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 01 80 00-0005	LF	1/4" Solid Braid Nylon Rope Note: 1,238 Lb. minimum break	0.13	
		For <100, Add	*0.02*	
		For >600, Deduct	*-0.03*	
10 01 80 00-0006	LF	5/16" Solid Braid Nylon Rope Note: 1,931 Lb. minimum break	0.20	
		For <100, Add	*0.03*	
		For >600, Deduct	*-0.04*	
10 01 80 00-0007	LF	3/8" Solid Braid Nylon Rope Note: 2,475 Lb. minimum break	0.32	
		For <100, Add	*0.05*	
		For >600, Deduct	*-0.06*	
10 01 80 00-0008	LF	1/2" Solid Braid Nylon Rope Note: 3,960 Lb. minimum break	0.51	
		For <100, Add	*0.08*	
		For >600, Deduct	*-0.10*	

10 01 80 00-0009 Hollow Braid Polypropylene Rope *(10 01 80 00-0001)*

10 01 80 00-0010	LF	3/16" Hollow Braid Polypropylene Rope Note: 693 Lb. minimum break	0.02	
		For <100, Add	*0.00*	
		For >600, Deduct	*0.00*	
10 01 80 00-0011	LF	1/4" Hollow Braid Polypropylene Rope Note: 990 Lb. minimum break	0.04	
		For <100, Add	*0.01*	
		For >600, Deduct	*-0.01*	
10 01 80 00-0012	LF	5/16" Hollow Braid Polypropylene Rope Note: 1,238 Lb. minimum break	0.08	
		For <100, Add	*0.01*	
		For >600, Deduct	*-0.02*	
10 01 80 00-0013	LF	3/8" Hollow Braid Polypropylene Rope Note: 1,980 Lb. minimum break	0.10	
		For <100, Add	*0.02*	
		For >600, Deduct	*-0.02*	
10 01 80 00-0014	LF	1/2" Hollow Braid Polypropylene Rope Note: 2,880 Lb. minimum break	0.15	
		For <100, Add	*0.02*	
		For >600, Deduct	*-0.03*	

10 01 80 00-0015 Three Strand Twisted Manila Natural Fiber Rope *(10 01 80 00-0001)*

10 01 80 00-0016	LF	1/4" Three Strand Twisted Manila Natural Fiber Rope Note: 540 Lb. minimum break	0.08	
		For <100, Add	*0.01*	
		For >600, Deduct	*-0.02*	
10 01 80 00-0017	LF	3/8" Three Strand Twisted Manila Natural Fiber Rope Note: 1,220 Lb. minimum break	0.15	
		For <100, Add	*0.02*	
		For >600, Deduct	*-0.03*	
10 01 80 00-0018	LF	1/2" Three Strand Twisted Manila Natural Fiber Rope Note: 2,380 Lb. minimum break	0.27	
		For <100, Add	*0.04*	
		For >600, Deduct	*-0.05*	
10 01 80 00-0019	LF	5/8" Three Strand Twisted Manila Natural Fiber Rope Note: 3,960 Lb. minimum break	0.47	
		For <100, Add	*0.07*	
		For >600, Deduct	*-0.09*	
10 01 80 00-0020	LF	3/4" Three Strand Twisted Manila Natural Fiber Rope Note: 4,860 Lb. minimum break	0.58	
		For <100, Add	*0.09*	
		For >600, Deduct	*-0.12*	
10 01 80 00-0021	LF	1" Three Strand Twisted Manila Natural Fiber Rope Note: 8,100 Lb. minimum break	0.89	
		For <100, Add	*0.13*	
		For >600, Deduct	*-0.18*	
10 01 80 00-0022	LF	1-1/4" Three Strand Twisted Manila Natural Fiber Rope Note: 12,200 Lb. minimum break	1.48	
		For <100, Add	*0.22*	
		For >600, Deduct	*-0.30*	
10 01 80 00-0023	LF	1-1/2" Three Strand Twisted Manila Natural Fiber Rope Note: 16,700 Lb. minimum break	1.92	
		For <100, Add	*0.29*	
		For >600, Deduct	*-0.38*	
10 01 80 00-0024	LF	2" Three Strand Twisted Manila Natural Fiber Rope Note: 28,800 Lb. minimum break	4.06	
		For <100, Add	*0.61*	
		For >600, Deduct	*-0.81*	
10 01 80 00-0025	LF	3" Three Strand Twisted Manila Natural Fiber Rope Note: 64,800 Lb. minimum break	7.72	
		For <100, Add	*1.16*	
		For >600, Deduct	*-1.54*	

10 01 80 00-0026 Three Strand Twisted Nylon Rope *(10 01 80 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 01 80 00-0027	LF	1/4" Three Strand Twisted Nylon Rope	0.13	
		Note: 1,490 Lb. minimum break		
		For <100, Add	*0.02*	
		For >600, Deduct	*-0.03*	
10 01 80 00-0028	LF	5/16" Three Strand Twisted Nylon Rope	0.23	
		Note: 2,300 Lb. minimum break		
		For <100, Add	*0.03*	
		For >600, Deduct	*-0.05*	
10 01 80 00-0029	LF	3/8" Three Strand Twisted Nylon Rope	0.31	
		Note: 3,340 Lb. minimum break		
		For <100, Add	*0.05*	
		For >600, Deduct	*-0.06*	
10 01 80 00-0030	LF	1/2" Three Strand Twisted Nylon Rope	0.56	
		Note: 5,750 Lb. minimum break		
		For <100, Add	*0.08*	
		For >600, Deduct	*-0.11*	
10 01 80 00-0031	LF	5/8" Three Strand Twisted Nylon Rope	0.92	
		Note: 9,350 Lb. minimum break		
		For <100, Add	*0.14*	
		For >600, Deduct	*-0.18*	
10 01 80 00-0032	LF	3/4" Three Strand Twisted Nylon Rope	1.24	
		Note: 12,800 Lb. minimum break		
		For <100, Add	*0.19*	
		For >600, Deduct	*-0.25*	
10 01 80 00-0033	LF	1" Three Strand Twisted Nylon Rope	2.25	
		Note: 22,600 Lb. minimum break		
		For <100, Add	*0.34*	
		For >600, Deduct	*-0.45*	
10 01 80 00-0034	LF	1-1/4" Three Strand Twisted Nylon Rope	3.52	
		Note: 37,500 Lb. minimum break		
		For <100, Add	*0.53*	
		For >600, Deduct	*-0.70*	
10 01 80 00-0035	LF	1-1/2" Three Strand Twisted Nylon Rope	4.74	
		Note: 53,000 Lb. minimum break		
		For <100, Add	*0.71*	
		For >600, Deduct	*-0.95*	
10 01 80 00-0036	LF	2" Three Strand Twisted Nylon Rope	8.99	
		Note: 92,000 Lb. minimum break		
		For <100, Add	*1.35*	
		For >600, Deduct	*-1.80*	

10 01 80 00-0037 Three Strand Twisted Cotton Rope *(10 01 80 00-0001)*

10 01 80 00-0038	LF	1/4" Three Strand Twisted Cotton Rope	0.13	
		Note: 500 Lb. minimum break		
		For <100, Add	*0.02*	
		For >600, Deduct	*-0.03*	
10 01 80 00-0039	LF	3/8" Three Strand Twisted Cotton Rope	0.29	
		Note: 1,125 Lb. minimum break		
		For <100, Add	*0.04*	
		For >600, Deduct	*-0.06*	
10 01 80 00-0040	LF	1/2" Three Strand Twisted Cotton Rope	0.45	
		Note: 1,500 Lb. minimum break		
		For <100, Add	*0.07*	
		For >600, Deduct	*-0.09*	
10 01 80 00-0041	LF	5/8" Three Strand Twisted Cotton Rope	0.65	
		Note: 1,950 Lb. minimum break		
		For <100, Add	*0.10*	
		For >600, Deduct	*-0.13*	
10 01 80 00-0042	LF	3/4" Three Strand Twisted Cotton Rope	0.96	
		Note: 2,600 Lb. minimum break		
		For <100, Add	*0.14*	
		For >600, Deduct	*-0.19*	
10 01 80 00-0043	LF	1" Three Strand Twisted Cotton Rope	1.44	
		Note: 3,500 Lb. minimum break		
		For <100, Add	*0.22*	
		For >600, Deduct	*-0.29*	

10 01 80 00-0044 Three Strand Twisted Poly Combo Rope *(10 01 80 00-0001)*

10 01 80 00-0045	LF	3/8" Three Strand Twisted Poly Combo Rope	0.26	
		Note: 2,700 Lb. minimum break		
		For <100, Add	*0.04*	
		For >600, Deduct	*-0.05*	
10 01 80 00-0046	LF	1/2" Three Strand Twisted Poly Combo Rope	0.34	
		Note: 4,400 Lb. minimum break		
		For <100, Add	*0.05*	
		For >600, Deduct	*-0.07*	
10 01 80 00-0047	LF	8/8" Three Strand Twisted Poly Combo Rope	0.59	
		Note: 6,500 Lb. minimum break		
		For <100, Add	*0.09*	
		For >600, Deduct	*-0.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 01 80 00-0048	LF	3/4" Three Strand Twisted Poly Combo Rope Note: 9,000 Lb. minimum break	0.98	
		For <100, Add	*0.15*	
		For >600, Deduct	*-0.20*	
10 01 80 00-0049	LF	1" Three Strand Twisted Poly Combo Rope Note: 18,750 Lb. minimum break	1.76	
		For <100, Add	*0.26*	
		For >600, Deduct	*-0.35*	

10 01 80 00-0050 Double Braid Polyester Rope *(10 01 80 00-0001)*

10 01 80 00-0051	LF	3/8" Double Braid Polyester Rope Note: 4,468 Lb. minimum break	0.63	
		For <100, Add	*0.09*	
		For >600, Deduct	*-0.13*	
10 01 80 00-0052	LF	1/2" Double Braid Polyester Rope Note: 7,894 Lb. minimum break	0.98	
		For <100, Add	*0.15*	
		For >600, Deduct	*-0.20*	
10 01 80 00-0053	LF	5/8" Double Braid Polyester Rope Note: 12,274 Lb. minimum break	1.52	
		For <100, Add	*0.23*	
		For >600, Deduct	*-0.30*	
10 01 80 00-0054	LF	3/4" Double Braid Polyester Rope Note: 17,600 Lb. minimum break	2.43	
		For <100, Add	*0.36*	
		For >600, Deduct	*-0.49*	
10 01 80 00-0055	LF	1" Double Braid Polyester Rope Note: 30,900 Lb. minimum break	3.88	
		For <100, Add	*0.58*	
		For >600, Deduct	*-0.78*	

10 01 80 00-0056 Braided Cable Pulling Rope *(10 01 80 00-0001)*

10 01 80 00-0057	LF	1/4" Braided Cable Pulling Rope Note: 2,600 Lb. minimum break	0.60	
		For <100, Add	*0.09*	
		For >600, Deduct	*-0.12*	
10 01 80 00-0058	LF	3/8" Braided Cable Pulling Rope Note: 6,200 Lb. minimum break	0.75	
		For <100, Add	*0.11*	
		For >600, Deduct	*-0.15*	
10 01 80 00-0059	LF	1/2" Braided Cable Pulling Rope Note: 10,500 Lb. minimum break	0.93	
		For <100, Add	*0.14*	
		For >600, Deduct	*-0.19*	
10 01 80 00-0060	LF	9/16" Braided Cable Pulling Rope Note: 12,285 Lb. minimum break	1.11	
		For <100, Add	*0.17*	
		For >600, Deduct	*-0.22*	
10 01 80 00-0061	LF	5/8" Braided Cable Pulling Rope Note: 15,320 Lb. minimum break	1.36	
		For <100, Add	*0.20*	
		For >600, Deduct	*-0.27*	
10 01 80 00-0062	LF	3/4" Braided Cable Pulling Rope Note: 25,370 Lb. minimum break	1.80	
		For <100, Add	*0.27*	
		For >600, Deduct	*-0.36*	
10 01 80 00-0063	LF	7/8" Braided Cable Pulling Rope Note: 30,150 Lb. minimum break	2.51	
		For <100, Add	*0.38*	
		For >600, Deduct	*-0.50*	
10 01 80 00-0064	LF	1" Braided Cable Pulling Rope Note: 40,200 Lb. minimum break	2.96	
		For <100, Add	*0.44*	
		For >600, Deduct	*-0.59*	
10 01 80 00-0065	LF	1-1/8" Braided Cable Pulling Rope Note: 49,925 Lb. minimum break	3.34	
		For <100, Add	*0.50*	
		For >600, Deduct	*-0.67*	

10 10 Information Specialties *(10)*

10 11 Visual Display Units *(10 10)*

10 11 13 Chalkboards *(10 11)*

10 11 13 13 Fixed Chalkboards *(10 11 13)*

Note: Select task based off the square footage of an individual chalkboard. For example use the >12 To 16 SF range for each 3' x 5' chalkboard.

10 11 13 13-0001 Porcelain Enamel Steel Chalkboards *(10 11 13 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 13 13-0002		5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboards (Claridge 800 Series) *(10 11 13 13-0001)* Note: Includes up to 1/2" core material, aluminum backing, full-length map rail, map hooks, chalk tray and mounting hardware.		
10 11 13 13-0003	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	50.76	9.68
10 11 13 13-0004	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	32.43	4.55
10 11 13 13-0005	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	28.02	3.93
10 11 13 13-0006	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	23.25	2.56
10 11 13 13-0007	SF	>24 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	19.44	1.42
10 11 13 13-0008		1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboards (Claridge 1300 Series) *(10 11 13 13-0001)* Note: Includes up to 1/2" core material, aluminum backing, full-length map rail, map hooks, chalk tray and mounting hardware.		
10 11 13 13-0009	SF	Up To 6 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	53.67	9.68
10 11 13 13-0010	SF	>6 To 12 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	35.27	4.55
10 11 13 13-0011	SF	>12 To 16 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	30.64	3.93
10 11 13 13-0012	SF	>16 To 24 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	26.42	2.56
10 11 13 13-0013	SF	>24 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	22.55	1.42
10 11 13 13-0014		1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboards (Claridge 1600 Series) *(10 11 13 13-0001)* Note: Includes up to 1/2" core material, aluminum backing, chalk tray and mounting hardware.		
10 11 13 13-0015	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard	48.96	9.68
10 11 13 13-0016	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard	30.59	4.55
10 11 13 13-0017	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard	26.27	3.93
10 11 13 13-0018	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard	21.78	2.56
10 11 13 13-0019	SF	>24 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard	17.80	1.42
10 11 13 13-0020		Removal And Reinstallation Of Chalkboards *(10 11 13 13)* Note: Includes storage and cleaning.		
10 11 13 13-0021	SF	Removal And Reinstallation Of Chalkboard	11.91	
10 11 13 13-0022		Field Applied Chalkboard And Accessories *(10 11 13 13)*		
10 11 13 13-0023		Chalkboard Face Sheets And Panels *(10 11 13 13-0022)*		
10 11 13 13-0024	SF	Porcelain Enamel Steel Chalkboard Face Sheet (Claridge Vitracite) Note: Includes porcelain enamel steel chalkboard skin.	16.91	4.55
10 11 13 13-0025	SF	Porcelain Enamel Steel Chalkboard Panel (Claridge VIT) Note: Includes porcelain enamel steel surface mounted on either particleboard or hardboard core with an aluminum moisture barrier back.	20.15	4.55
10 11 13 13-0026		Chalkboard And Markerboard Accessory Trays And Trim *(10 11 13 13-0022)*		
10 11 13 13-0027	LF	Chalk And Marker Tray, Field Applied	24.57	6.26
10 11 13 13-0028	PR	Chalk And Marker Tray End Closures, Field Applied	30.70	11.39
10 11 13 13-0029	LF	Mullion Trim For Chalkboards And Markerboards, Field Applied	17.42	6.26
10 11 13 13-0030	LF	Screw On Trim For Chalkboards And Markerboards, Field Applied	17.03	6.26
10 11 13 13-0031	LF	1/2" Leg Map Rail For Chalkboards And Markerboards, Field Applied	18.13	6.26
10 11 13 13-0032	LF	1/4" Leg Map Rail For Chalkboards And Markerboards, Field Applied	20.22	6.26
10 11 13 13-0033	LF	No Leg Map Rail For Chalkboards And Markerboards, Field Applied	18.13	6.26
10 11 13 33		**Rail-Mounted Chalkboards** *(10 11 13)*		
10 11 13 33-0001		Horizontal Sliding, Porcelain Enamel Steel Chalkboards (Claridge HS Series) *(10 11 13 33)*		
10 11 13 33-0002		Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboards *(10 11 13 33-0001)*		
10 11 13 33-0003	EA	4' x 6' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	2,331.18	113.88
10 11 13 33-0004	EA	4' x 8' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	2,617.02	113.88
10 11 13 33-0005	EA	4' x 10' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	2,963.94	121.28
10 11 13 33-0006	EA	4' x 12' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	3,296.05	121.28
10 11 13 33-0007	EA	4' x 14' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	4,106.83	130.39
10 11 13 33-0008	EA	4' x 16' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	4,371.74	130.39
10 11 13 33-0009	EA	4' x 20' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	4,939.42	136.65
10 11 13 33-0010	EA	4' x 24' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	5,597.03	136.65
10 11 13 33-0011		Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboards *(10 11 13 33-0001)*		
10 11 13 33-0012	EA	4' x 6' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	3,183.81	113.88
10 11 13 33-0013	EA	4' x 8' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	3,775.89	113.88
10 11 13 33-0014	EA	4' x 10' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	4,321.10	121.28

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 13 33-0015	EA	4' x 12' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	4,864.71	121.28
10 11 13 33-0016	EA	4' x 14' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	5,545.50	130.39
10 11 13 33-0017	EA	4' x 16' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	5,785.08	130.39
10 11 13 33-0018	EA	4' x 20' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	6,783.49	136.65
10 11 13 33-0019	EA	4' x 24' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	7,583.20	136.65
10 11 13 33-0020		**Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboards** *(10 11 13 33-0001)*		
10 11 13 33-0021	EA	4' x 6' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	3,547.34	113.88
10 11 13 33-0022	EA	4' x 8' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	4,031.46	113.88
10 11 13 33-0023	EA	4' x 10' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	4,555.74	121.28
10 11 13 33-0024	EA	4' x 12' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	5,111.47	121.28
10 11 13 33-0025	EA	4' x 14' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	6,188.83	130.39
10 11 13 33-0026	EA	4' x 16' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	6,443.83	130.39
10 11 13 33-0027	EA	4' x 20' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	7,608.58	136.65
10 11 13 33-0028	EA	4' x 24' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	8,493.73	136.65
10 11 13 33-0029		**Vertical Sliding, Porcelain Enamel Steel Chalkboards (Claridge TW Series)** *(10 11 13 33)*		
10 11 13 33-0030		**One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboards** *(10 11 13 33-0029)*		
10 11 13 33-0031	EA	8' x 4' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard	2,785.56	113.88
10 11 13 33-0032	EA	8' x 5' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard	3,073.61	113.88
10 11 13 33-0033	EA	8' x 6' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard	3,361.04	121.28
10 11 13 33-0034	EA	8' x 8' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard	3,861.12	121.28
10 11 13 33-0035	EA	8' x 10' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard	4,229.59	130.39
10 11 13 33-0036	EA	8' x 12' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard	4,691.11	130.39
10 11 13 33-0037		**Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboards** *(10 11 13 33-0029)*		
10 11 13 33-0038	EA	8' x 4' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	4,083.15	113.88
10 11 13 33-0039	EA	8' x 5' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	4,530.35	113.88
10 11 13 33-0040	EA	8' x 6' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	4,979.14	121.28
10 11 13 33-0041	EA	8' x 8' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	5,801.94	121.28
10 11 13 33-0042	EA	8' x 10' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	6,314.68	130.39
10 11 13 33-0043	EA	8' x 12' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	7,061.47	130.39
10 11 13 33-0044		**Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboards** *(10 11 13 33-0029)*		
10 11 13 33-0045	EA	8' x 4' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	5,573.51	113.88
10 11 13 33-0046	EA	8' x 5' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	6,183.18	113.88
10 11 13 33-0047	EA	8' x 6' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	6,794.43	121.28
10 11 13 33-0048	EA	8' x 8' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	7,938.85	121.28
10 11 13 33-0049	EA	8' x 10' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	8,609.07	130.39
10 11 13 33-0050	EA	8' x 12' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	9,660.96	130.39
10 11 13 33-0051		**Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboards (Claridge MO Series)** *(10 11 13 33)* Note: Excludes remotes.		
10 11 13 33-0052		**One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboards** *(10 11 13 33-0051)*		
10 11 13 33-0053	EA	10' x 4' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	8,942.61	227.76
10 11 13 33-0054	EA	10' x 5' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	9,197.74	227.76
10 11 13 33-0055	EA	10' x 6' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	9,482.52	234.88
10 11 13 33-0056	EA	10' x 8' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	9,949.81	234.88
10 11 13 33-0057	EA	10' x 10' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	10,466.60	241.99
10 11 13 33-0058	EA	10' x 12' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	10,917.37	241.99
10 11 13 33-0059	EA	10' x 14' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	11,898.93	256.23
10 11 13 33-0060	EA	10' x 16' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	12,023.63	256.23
10 11 13 33-0061		**Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboards** *(10 11 13 33-0051)*		
10 11 13 33-0062	EA	10' x 4' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	14,061.04	227.76
10 11 13 33-0063	EA	10' x 5' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	14,398.34	227.76
10 11 13 33-0064	EA	10' x 6' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	14,775.22	234.88
10 11 13 33-0065	EA	10' x 8' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	15,461.95	234.88
10 11 13 33-0066	EA	10' x 10' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	16,145.30	241.99
10 11 13 33-0067	EA	10' x 12' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	16,797.88	241.99
10 11 13 33-0068	EA	10' x 14' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	18,123.36	256.23
10 11 13 33-0069	EA	10' x 16' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	18,320.98	256.23

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 13 33-0070		Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboards *(10 11 13 33-0051)*		
10 11 13 33-0071	EA	10' x 4' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	18,264.04	227.76
10 11 13 33-0072	EA	10' x 5' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	19,115.35	227.76
10 11 13 33-0073	EA	10' x 6' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	19,566.69	234.88
10 11 13 33-0074	EA	10' x 8' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	20,459.64	234.88
10 11 13 33-0075	EA	10' x 10' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	21,398.78	241.99
10 11 13 33-0076	EA	10' x 12' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	22,301.64	241.99
10 11 13 33-0077	EA	10' x 14' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	24,083.40	256.23
10 11 13 33-0078	EA	10' x 16' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	24,431.06	256.23
10 11 13 33-0079		Sliding Chalkboard And Markerboard Accessories *(10 11 13 33)*		
10 11 13 33-0080	EA	One Sliding Panel, Remote Control For Motor Operated Sliding Chalkboard Or Markerboard	671.24	
10 11 13 33-0081	EA	Two Sliding Panel, Remote Control For Motor Operated Sliding Chalkboard Or Markerboard	1,146.03	
10 11 16		**Markerboards** *(10 11)*		
10 11 16 13		**Fixed Markerboards** *(10 11 16)*		
		Note: Select task based off the square footage of an individual markerboard. For example use the >12 To 16 SF range for each 3' x 5' markerboard.		
10 11 16 13-0001		Porcelain Enamel Steel Markerboards *(10 11 16 13)*		
10 11 16 13-0002		5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboards (Claridge 800 Series) *(10 11 16 13-0001)*		
		Note: Includes up to 1/2" core material, aluminum backing, full-length map rail, map hooks, marker tray and mounting hardware.		
10 11 16 13-0003	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	50.94	9.68
10 11 16 13-0004	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	33.07	4.55
10 11 16 13-0005	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	28.02	3.93
10 11 16 13-0006	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	23.48	2.56
10 11 16 13-0007	SF	>24 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	19.18	1.42
10 11 16 13-0008		1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboards (Claridge 1300 Series) *(10 11 16 13-0001)*		
		Note: Includes up to 1/2" core material, aluminum backing, full-length map rail, map hooks, marker tray and mounting hardware.		
10 11 16 13-0009	SF	Up To 6 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	53.71	9.68
10 11 16 13-0010	SF	>6 To 12 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	33.90	4.55
10 11 16 13-0011	SF	>12 To 16 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	29.26	3.93
10 11 16 13-0012	SF	>16 To 24 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	25.04	2.56
10 11 16 13-0013	SF	>24 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	21.74	1.42
10 11 16 13-0014		1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboards (Claridge LCS Series) *(10 11 16 13-0001)*		
		Note: Includes up to 1/2" core material, aluminum backing, marker tray and mounting hardware.		
10 11 16 13-0015	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard	48.94	9.68
10 11 16 13-0016	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard	30.60	4.55
10 11 16 13-0017	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard	27.61	3.93
10 11 16 13-0018	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard	21.92	2.56
10 11 16 13-0019	SF	>24 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard	17.49	1.42
10 11 16 13-0020		Melamine Markerboards *(10 11 16 13)*		
10 11 16 13-0021		1-1/4" Face Aluminum Frame, Melamine Markerboard (Claridge MLC Series) *(10 11 16 13-0020)*		
		Note: Includes full-length map rail, map hooks, marker tray and mounting hardware.		
10 11 16 13-0022	SF	Up To 6 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard	40.47	9.68
10 11 16 13-0023	SF	>6 To 12 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard	24.77	4.55
10 11 16 13-0024	SF	>12 To 16 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard	21.48	3.93
10 11 16 13-0025	SF	>16 To 24 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard	16.14	2.56
10 11 16 13-0026	SF	>24 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard	13.08	1.42
10 11 16 13-0027		1-3/4" Face Wood Frame, Melamine Markerboard (Claridge MLC Series) *(10 11 16 13-0020)*		
		Note: Includes marker tray and mounting hardware.		
10 11 16 13-0028	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Melamine Markerboard	39.53	9.68
10 11 16 13-0029	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Melamine Markerboard	24.33	4.55
10 11 16 13-0030	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Melamine Markerboard	20.86	3.93
10 11 16 13-0031	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Melamine Markerboard	15.03	2.56
10 11 16 13-0032	SF	>24 SF, 1-3/4" Face Wood Frame, Melamine Markerboard	12.08	1.42
10 11 16 13-0033		Nonporous, Non-Staining Markerboards *(10 11 16 13)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 16 13-0034		5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboards (EverWhite Classic Series) *(10 11 16 13-0033)*		
		Note: Includes non-staining permanent marker resistant surface, non-magnetic surface, marker tray and mounting hardware.		
10 11 16 13-0035	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	56.03	9.68
		For Magnetic Surface, Add	*3.67*	
10 11 16 13-0036	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	37.01	4.55
		For Magnetic Surface, Add	*2.79*	
10 11 16 13-0037	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	31.92	3.93
		For Magnetic Surface, Add	*2.41*	
10 11 16 13-0038	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	28.24	2.56
		For Magnetic Surface, Add	*2.31*	
10 11 16 13-0039	SF	>24 SF, 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	24.41	1.42
		For Magnetic Surface, Add	*2.16*	
10 11 16 13-0040		1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboards (EverWhite Classic Series) *(10 11 16 13-0033)*		
		Note: Includes non-staining permanent marker resistant surface, non-magnetic surface, marker tray and mounting hardware.		
10 11 16 13-0041	SF	Up To 6 SF, 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	56.03	9.68
		For Magnetic Surface, Add	*3.67*	
10 11 16 13-0042	SF	>6 To 12 SF, 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	37.01	4.55
		For Magnetic Surface, Add	*2.79*	
10 11 16 13-0043	SF	>12 To 16 SF, 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	31.92	3.93
		For Magnetic Surface, Add	*2.41*	
10 11 16 13-0044	SF	>16 To 24 SF, 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	28.24	2.56
		For Magnetic Surface, Add	*2.31*	
10 11 16 13-0045	SF	>24 SF, 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	24.41	1.42
		For Magnetic Surface, Add	*2.16*	
10 11 16 13-0046		1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboards (EverWhite Classic Series) *(10 11 16 13-0033)*		
		Note: Includes non-staining permanent marker resistant surface, non-magnetic surface, marker tray and mounting hardware.		
10 11 16 13-0047	SF	Up To 6 SF, 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboard	101.48	9.68
		For Magnetic Surface, Add	*8.21*	
10 11 16 13-0048	SF	>6 To 12 SF, 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboard	64.32	4.55
		For Magnetic Surface, Add	*5.52*	
10 11 16 13-0049	SF	>12 To 16 SF, 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboard	54.34	3.93
		For Magnetic Surface, Add	*4.65*	
10 11 16 13-0050	SF	>16 To 24 SF, 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboard	45.98	2.56
		For Magnetic Surface, Add	*4.09*	
10 11 16 13-0051	SF	>24 SF, 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboard	35.74	1.42
		For Magnetic Surface, Add	*3.29*	
10 11 16 13-0052		Nonporous, Non-Staining Markerboard Resurfacing Panels (EverWhite EverEZ Resurfacing Panels) *(10 11 16 13-0033)*		
		Note: Includes non-staining, permanent marker resistant, magnetic dry erase surface. Excludes frame. Resurfacing panel for mounting to existing chalkboard or markerboard consists of dry erase surface; 24-gauge treated steel interlayer and pressure-sensitive adhesive backing.		
10 11 16 13-0053	SF	Up To 16 SF, Nonporous, Non-Staining Markerboard Resurfacing Panel With Pressure-Sensitive Adhesive Backing	25.19	3.93
10 11 16 13-0054	SF	>16 To 24 SF, Nonporous, Non-Staining Markerboard Resurfacing Panel With Pressure-Sensitive Adhesive Backing	21.56	2.56
10 11 16 13-0055	SF	>24 SF, Nonporous, Non-Staining Markerboard Resurfacing Panel With Pressure-Sensitive Adhesive Backing	18.17	1.42
10 11 16 13-0056		Removal And Reinstallation Of Markerboard *(10 11 16 13)*		
		Note: Includes storage and cleaning.		
10 11 16 13-0057	EA	Up To 6 SF, Removal And Reinstallation Of Markerboard	68.33	
10 11 16 13-0058	EA	>6 To 12 SF, Removal And Reinstallation Of Markerboard	79.72	
10 11 16 13-0059	EA	>12 To 16 SF, Removal And Reinstallation Of Markerboard	91.11	
10 11 16 13-0060	EA	>16 To 24 SF, Removal And Reinstallation Of Markerboard	102.49	
10 11 16 13-0061	EA	>24 SF, Removal And Reinstallation Of Markerboard	113.88	
10 11 16 13-0062		Field Applied Markerboard And Accessories *(10 11 16 13)*		
10 11 16 13-0063		Markerboard Face Sheets And Panels *(10 11 16 13-0062)*		
10 11 16 13-0064	SF	Porcelain Enamel Steel Markerboard Face Sheet (Claridge LCS)	16.65	4.55
		Note: Includes porcelain enamel steel markerboard skin backed with double-sided tape.		
10 11 16 13-0065	SF	Porcelain Enamel Steel Markerboard Face Sheet With Double Sided Tape (Claridge LCS EZ Stick)	19.56	4.55
		Note: Includes porcelain enamel steel markerboard skin backed with double-sided tape.		
10 11 16 13-0066	SF	Porcelain Enamel Steel Markerboard Panel (Claridge LCS)	19.49	4.55
		Note: Includes porcelain enamel steel surface mounted on either 3/8" particleboard or 1/4" hardboard core with an aluminum moisture barrier back.		
10 11 16 13-0067	SF	Melamine Markerboard Panel (Claridge 1032)	11.38	4.55
		Note: Includes 1/4" thick melamine panel.		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 16 13-0068		Chalkboard And Markerboard Accessory Trays And Trim *(10 11 16 13-0062)* See CSI section 10 11 13 13-0026 for chalkboard and markerboard accessory trays and trim.		
10 11 16 33		**Rail-Mounted Markerboards** *(10 11 16)*		
10 11 16 33-0001		Horizontal Sliding, Porcelain Enamel Steel Markerboards (Claridge HS Series) *(10 11 16 33)*		
10 11 16 33-0002		Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboards *(10 11 16 33-0001)*		
10 11 16 33-0003	EA	4' x 6' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	2,303.16	113.88
10 11 16 33-0004	EA	4' x 8' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	2,579.65	113.88
10 11 16 33-0005	EA	4' x 10' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	2,917.23	121.28
10 11 16 33-0006	EA	4' x 12' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	3,240.00	121.28
10 11 16 33-0007	EA	4' x 14' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	4,041.44	130.39
10 11 16 33-0008	EA	4' x 16' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	4,297.01	130.39
10 11 16 33-0009	EA	4' x 20' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	4,846.01	136.65
10 11 16 33-0010	EA	4' x 24' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	5,484.93	136.65
10 11 16 33-0011		Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboards *(10 11 16 33-0001)*		
10 11 16 33-0012	EA	4' x 6' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	3,155.79	113.88
10 11 16 33-0013	EA	4' x 8' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	3,738.53	113.88
10 11 16 33-0014	EA	4' x 10' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	4,274.39	121.28
10 11 16 33-0015	EA	4' x 12' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	4,808.66	121.28
10 11 16 33-0016	EA	4' x 14' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	5,480.11	130.39
10 11 16 33-0017	EA	4' x 16' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	5,710.35	130.39
10 11 16 33-0018	EA	4' x 20' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	6,690.07	136.65
10 11 16 33-0019	EA	4' x 24' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	7,471.10	136.65
10 11 16 33-0020		Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboards *(10 11 16 33-0001)*		
10 11 16 33-0021	EA	4' x 6' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	3,519.31	113.88
10 11 16 33-0022	EA	4' x 8' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	3,994.10	113.88
10 11 16 33-0023	EA	4' x 10' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	4,509.03	121.28
10 11 16 33-0024	EA	4' x 12' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	5,055.42	121.28
10 11 16 33-0025	EA	4' x 14' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	6,123.44	130.39
10 11 16 33-0026	EA	4' x 16' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	6,369.10	130.39
10 11 16 33-0027	EA	4' x 20' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	7,515.16	136.65
10 11 16 33-0028	EA	4' x 24' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	8,409.65	136.65
10 11 16 33-0029		Vertical Sliding, Porcelain Enamel Steel Markerboards (Claridge TW Series) *(10 11 16 33)*		
10 11 16 33-0030		One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboards *(10 11 16 33-0029)*		
10 11 16 33-0031	EA	8' x 4' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard	2,748.20	113.88
10 11 16 33-0032	EA	8' x 5' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard	3,026.90	113.88
10 11 16 33-0033	EA	8' x 6' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard	3,304.99	121.28
10 11 16 33-0034	EA	8' x 8' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard	3,786.39	121.28
10 11 16 33-0035	EA	8' x 10' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard	4,136.17	130.39
10 11 16 33-0036	EA	8' x 12' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard	4,579.01	130.39
10 11 16 33-0037		Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboards *(10 11 16 33-0029)*		
10 11 16 33-0038	EA	8' x 4' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	4,008.42	113.88
10 11 16 33-0039	EA	8' x 5' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	4,436.94	113.88
10 11 16 33-0040	EA	8' x 6' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	4,867.04	121.28
10 11 16 33-0041	EA	8' x 8' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	5,652.48	121.28
10 11 16 33-0042	EA	8' x 10' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	6,127.85	130.39
10 11 16 33-0043	EA	8' x 12' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	6,837.27	130.39
10 11 16 33-0044		Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboards *(10 11 16 33-0029)*		
10 11 16 33-0045	EA	8' x 4' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	5,461.41	113.88
10 11 16 33-0046	EA	8' x 5' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	6,043.05	113.88
10 11 16 33-0047	EA	8' x 6' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	6,626.28	121.28
10 11 16 33-0048	EA	8' x 8' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	7,714.65	121.28
10 11 16 33-0049	EA	8' x 10' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	8,328.83	130.39
10 11 16 33-0050	EA	8' x 12' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	9,324.66	130.39

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 16 33-0051			Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboards (Claridge MO Series) *(10 11 16 33)* Note: Excludes remotes.		
10 11 16 33-0052			One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboards *(10 11 16 33-0051)*		
	10 11 16 33-0053	EA	10' x 4' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	8,895.90	227.76
	10 11 16 33-0054	EA	10' x 5' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	9,139.35	227.76
	10 11 16 33-0055	EA	10' x 6' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	9,412.46	234.88
	10 11 16 33-0056	EA	10' x 8' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	9,856.40	234.88
	10 11 16 33-0057	EA	10' x 10' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	10,349.83	241.99
	10 11 16 33-0058	EA	10' x 12' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	10,777.25	241.99
	10 11 16 33-0059	EA	10' x 14' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	11,735.46	256.23
	10 11 16 33-0060	EA	10' x 16' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	11,836.81	256.23
10 11 16 33-0061			Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboards *(10 11 16 33-0051)*		
	10 11 16 33-0062	EA	10' x 4' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	13,967.62	227.76
	10 11 16 33-0063	EA	10' x 5' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	14,281.58	227.76
	10 11 16 33-0064	EA	10' x 6' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	14,635.10	234.88
	10 11 16 33-0065	EA	10' x 8' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	15,275.12	234.88
	10 11 16 33-0066	EA	10' x 10' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	15,911.76	241.99
	10 11 16 33-0067	EA	10' x 12' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	16,517.63	241.99
	10 11 16 33-0068	EA	10' x 14' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	17,796.41	256.23
	10 11 16 33-0069	EA	10' x 16' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	17,947.32	256.23
10 11 16 33-0070			Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboards *(10 11 16 33-0051)*		
	10 11 16 33-0071	EA	10' x 4' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	18,123.92	227.76
	10 11 16 33-0072	EA	10' x 5' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	18,940.20	227.76
	10 11 16 33-0073	EA	10' x 6' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	19,356.51	234.88
	10 11 16 33-0074	EA	10' x 8' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	20,179.40	234.88
	10 11 16 33-0075	EA	10' x 10' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	21,048.47	241.99
	10 11 16 33-0076	EA	10' x 12' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	21,881.27	241.99
	10 11 16 33-0077	EA	10' x 14' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	23,592.97	256.23
	10 11 16 33-0078	EA	10' x 16' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	23,870.57	256.23
10 11 16 33-0079			Sliding Chalkboard And Markerboard Accessories *(10 11 16 33)* See CSI section 10 11 13 33-0079 for sliding chalkboard and markerboard accessories.		
10 11 23			**Tackboards** *(10 11)*		
10 11 23 13			**Fixed Tackboards** *(10 11 23)* Note: Select task based off the square footage of an individual tackboard. For example use the >12 To 16 SF range for each 3' x 5' tackboard.		
10 11 23 13-0001			Fixed Tackboards *(10 11 23 13)* Note: Select task based off the square footage of an individual tackboard. For example use the >12 To 16 SF range for each 3' x 5' tackboard.		
10 11 23 13-0002			Cork Surface, Fixed Tackboards *(10 11 23 13-0001)* Note: Includes up to 1/4" cork surface, unmounted or mounted on duracore or hardboard.		
10 11 23 13-0003			5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboards (Claridge 800 Series) *(10 11 23 13-0002)*		
	10 11 23 13-0004	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard	34.14	9.68
	10 11 23 13-0005	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard	19.39	4.55
	10 11 23 13-0006	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard	16.80	3.93
	10 11 23 13-0007	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard	13.38	2.56
	10 11 23 13-0008	SF	>24 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard	10.91	1.42
10 11 23 13-0009			1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboards (Claridge 900A Series) *(10 11 23 13-0002)*		
	10 11 23 13-0010	SF	Up To 6 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard	35.88	9.68
	10 11 23 13-0011	SF	>6 To 12 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard	20.20	4.55
	10 11 23 13-0012	SF	>12 To 16 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard	16.39	3.93
	10 11 23 13-0013	SF	>16 To 24 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard	12.74	2.56
	10 11 23 13-0014	SF	>24 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard	9.90	1.42
10 11 23 13-0015			1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboards (Claridge 700 Series) *(10 11 23 13-0002)*		
	10 11 23 13-0016	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard	36.07	9.68
	10 11 23 13-0017	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard	21.90	4.55
	10 11 23 13-0018	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard	20.24	3.93
	10 11 23 13-0019	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard	15.54	2.56
	10 11 23 13-0020	SF	>24 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard	12.25	1.42

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 23 13-0021		Burlap Backed Cork Surface, Fixed Tackboards *(10 11 23 13-0001)* Note: Includes burlap backed 1/4" self-healing cork surface, unmounted or mounted on hardboard.		
10 11 23 13-0022		5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboards (Claridge 800 Series) *(10 11 23 13-0021)*		
10 11 23 13-0023	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard	39.19	9.68
10 11 23 13-0024	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard	25.45	4.55
10 11 23 13-0025	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard	23.20	3.93
10 11 23 13-0026	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard	19.81	2.56
10 11 23 13-0027	SF	>24 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard	17.45	1.42
10 11 23 13-0028		1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboards (Claridge 700 Series) *(10 11 23 13-0021)*		
10 11 23 13-0029	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard	43.41	9.68
10 11 23 13-0030	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard	29.96	4.55
10 11 23 13-0031	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard	27.75	3.93
10 11 23 13-0032	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard	23.11	2.56
10 11 23 13-0033	SF	>24 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard	19.86	1.42
10 11 23 13-0034		Polyester Fabric Surface, Fixed Tackboards *(10 11 23 13-0001)* Note: Includes polyester fabric on cork underlay, unmounted or mounted on duracore. Class A rating.		
10 11 23 13-0035		5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboards (Claridge 800 Series) *(10 11 23 13-0034)*		
10 11 23 13-0036	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard	35.33	9.68
10 11 23 13-0037	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard	20.86	4.55
10 11 23 13-0038	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard	18.45	3.93
10 11 23 13-0039	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard	15.08	2.56
10 11 23 13-0040	SF	>24 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard	12.42	1.42
10 11 23 13-0041		1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboards (Claridge 700 Series) *(10 11 23 13-0034)*		
10 11 23 13-0042	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard	37.72	9.68
10 11 23 13-0043	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard	23.96	4.55
10 11 23 13-0044	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard	22.17	3.93
10 11 23 13-0045	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard	17.65	2.56
10 11 23 13-0046	SF	>24 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard	14.45	1.42
10 11 23 13-0047		Vinyl Fabric Surface, Fixed Tackboards *(10 11 23 13-0001)* Note: Includes vinyl fabric on cork underlay, unmounted or mounted on duracore.		
10 11 23 13-0048		5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboards (Claridge 800 Series) *(10 11 23 13-0047)*		
10 11 23 13-0049	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard	34.14	9.68
10 11 23 13-0050	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard	19.48	4.55
10 11 23 13-0051	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard	16.94	3.93
10 11 23 13-0052	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard	13.38	2.56
10 11 23 13-0053	SF	>24 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard	10.70	1.42
10 11 23 13-0054		1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboards (Claridge 700 Series) *(10 11 23 13-0047)*		
10 11 23 13-0055	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard	36.07	9.68
10 11 23 13-0056	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard	22.75	4.55
10 11 23 13-0057	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard	20.24	3.93
10 11 23 13-0058	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard	15.54	2.56
10 11 23 13-0059	SF	4' x 8', 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard	12.25	1.42
10 13		**Directories** *(10 10)*		
10 13 11		**Directory and Bulletin Boards** *(10 13)* Note: Select task based off the square footage of an individual directory or bulletin board. For example use the >12 To 16 SF range for each 3' x 5' directory or bulletin board.		
10 13 11 00-0001		Wall Mounted Directories *(10 13 11)* Note: Includes changeable letters.		
10 13 11 00-0002		Open Face, Wall Mounted Directories *(10 13 11 00-0001)* Note: Includes vinyl or felt back panel.		
10 13 11 00-0003		Wood Frame, Open Face, Wall Mounted Directories (Claridge 350 Series) *(10 13 11 00-0002)*		
10 13 11 00-0004	SF	Up To 6 SF, Wood Frame, Open Face, Wall Mounted Directory	56.45	9.68
10 13 11 00-0005	SF	>6 To 12 SF, Wood Frame, Open Face, Wall Mounted Directory	36.93	4.55
10 13 11 00-0006	SF	>12 To 16 SF, Wood Frame, Open Face, Wall Mounted Directory	33.55	3.93

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 13 11 00-0007	SF	>16 To 24 SF, Wood Frame, Open Face, Wall Mounted Directory	25.64	2.56
10 13 11 00-0008	SF	>24 SF, Wood Frame, Open Face, Wall Mounted Directory	20.48	1.42
10 13 11 00-0009		Aluminum Frame, Open Face, Wall Mounted Directories (Claridge 432 Series) *(10 13 11 00-0002)*		
10 13 11 00-0010	SF	Up To 6 SF, Aluminum Frame, Open Face, Wall Mounted Directory	57.00	9.68
		For Bronze Anodize Finish, Add	*12.00*	
10 13 11 00-0011	SF	>6 To 12 SF, Aluminum Frame, Open Face, Wall Mounted Directory	37.29	4.55
		For Bronze Anodize Finish, Add	*12.00*	
10 13 11 00-0012	SF	>12 To 16 SF, Aluminum Frame, Open Face, Wall Mounted Directory	34.29	3.93
		For Bronze Anodize Finish, Add	*12.00*	
10 13 11 00-0013	SF	>16 To 24 SF, Aluminum Frame, Open Face, Wall Mounted Directory	24.44	2.56
		For Bronze Anodize Finish, Add	*12.00*	
10 13 11 00-0014	SF	>24 SF, Aluminum Frame, Open Face, Wall Mounted Directory	21.03	1.42
		For Bronze Anodize Finish, Add	*12.00*	
10 13 11 00-0015		Glass Encased, Wall Mounted Directory Cabinets *(10 13 11 00-0001)*		
		Note: Includes vinyl or felt back panel, 3/16" tempered glass and flat key tumbler lock. Surface or recess mounted.		
10 13 11 00-0016		Wood Frame, Glass Encased, Wall Mounted Directory Cabinets *(10 13 11 00-0015)*		
10 13 11 00-0017		Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinets (Claridge 3052 Series) *(10 13 11 00-0016)*		
10 13 11 00-0018	SF	Up To 6 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	139.25	9.68
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0019	SF	>6 To 12 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	111.65	4.55
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0020	SF	>12 To 16 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	93.50	3.93
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0021	SF	>16 To 24 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	86.59	2.56
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0022	SF	>24 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	78.31	1.42
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0023		Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinets (Claridge 345 Series) *(10 13 11 00-0016)*		
10 13 11 00-0024	SF	Up To 12 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	119.79	9.68
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0025	SF	>12 To 16 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	96.56	3.93
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0026	SF	>16 To 24 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	69.24	2.56
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0027	SF	>24 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	62.34	1.42
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0028		Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinets *(10 13 11 00-0015)*		
10 13 11 00-0029		Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinets (Claridge Contemporary Series) *(10 13 11 00-0028)*		
10 13 11 00-0030	SF	Up To 6 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	124.66	9.68
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*21.06*	
10 13 11 00-0031	SF	>6 To 12 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	96.51	4.55
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*17.48*	
10 13 11 00-0032	SF	>12 To 16 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	81.67	3.93
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*14.76*	
10 13 11 00-0033	SF	>16 To 24 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	60.03	2.56
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*10.98*	
10 13 11 00-0034	SF	>24 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	56.01	1.42
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*10.63*	
10 13 11 00-0035		Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinets (Claridge Contemporary Series) *(10 13 11 00-0028)*		
10 13 11 00-0036	SF	Up To 6 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	192.04	9.68
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*34.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 13 11 00-0037	SF	>6 To 12 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	111.57	4.55
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*20.49*	
10 13 11 00-0038	SF	>12 To 16 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	93.99	3.93
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*17.23*	
10 13 11 00-0039	SF	>16 To 24 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	72.46	2.56
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*13.47*	
10 13 11 00-0040	SF	>24 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	67.03	1.42
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*12.84*	

10 13 11 00-0041 Outdoor, Glass Encased, Wall Mounted Directory Cabinets *(10 13 11 00-0001)*

Note: Includes vinyl or felt back panel, 3/16" tempered glass and flat key tumbler lock. Surface or recess mounted.

10 13 11 00-0042 Aluminum Frame, Outdoor, Glass Encased, Wall Mounted Directory Cabinets *(10 13 11 00-0041)*

10 13 11 00-0043 Hinged Door, Aluminum Frame, Outdoor, Glass Encased, Wall Mounted Directory Cabinets (Claridge 548 Series) *(10 13 11 00-0042)*

10 13 11 00-0044	SF	Up To 6 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Directory Cabinet	188.64	9.68
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
10 13 11 00-0045	SF	>6 To 12 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Directory Cabinet	125.98	4.55
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
10 13 11 00-0046	SF	>12 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Directory Cabinet	122.42	3.93
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	

10 13 11 00-0047 Wall Mounted Bulletin Boards *(10 13 11)*

10 13 11 00-0048 Glass Encased, Wall Mounted Bulletin Board Cabinets *(10 13 11 00-0047)*

Note: Includes cork, fabric or hook-fab back panel, 3/16" tempered glass and flat key tumbler lock. Surface or recess mounted.

10 13 11 00-0049 Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets *(10 13 11 00-0048)*

10 13 11 00-0050 Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets (Claridge 3070 Series) *(10 13 11 00-0049)*

10 13 11 00-0051	SF	Up To 6 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	135.94	9.68
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0052	SF	>6 To 12 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	109.17	4.55
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0053	SF	>12 To 16 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	91.02	3.93
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0054	SF	>16 To 24 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	84.25	2.56
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0055	SF	>24 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	77.21	1.42
		For Fluorescent Lights, Add	*15.00*	

10 13 11 00-0056 Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets (Claridge 310 Series) *(10 13 11 00-0049)*

10 13 11 00-0057	SF	Up To 12 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	113.91	9.68
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0058	SF	>12 To 16 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	90.98	3.93
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0059	SF	>16 To 24 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	64.93	2.56
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0060	SF	>24 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	59.03	1.42
		For Fluorescent Lights, Add	*15.00*	

10 13 11 00-0061 Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets *(10 13 11 00-0048)*

10 13 11 00-0062 Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets (Claridge Contemporary Series) *(10 13 11 00-0061)*

10 13 11 00-0063	SF	Up To 6 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	127.68	9.68
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*21.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 13 11 00-0064	SF	>6 To 12 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	99.53	4.55
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*18.08*	
10 13 11 00-0065	SF	>12 To 16 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	84.69	3.93
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*15.37*	
10 13 11 00-0066	SF	>16 To 24 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	63.05	2.56
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*11.59*	
10 13 11 00-0067	SF	>24 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	59.03	1.42
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*11.24*	

10 13 11 00-0068 Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets (Claridge Contemporary Series) *(10 13 11 00-0061)*

10 13 11 00-0069	SF	Up To 6 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	195.06	9.68
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*35.14*	
10 13 11 00-0070	SF	>6 To 12 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	114.59	4.55
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*21.10*	
10 13 11 00-0071	SF	>12 To 16 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	97.01	3.93
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*17.83*	
10 13 11 00-0072	SF	>16 To 24 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	75.48	2.56
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*14.07*	
10 13 11 00-0073	SF	>24 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	70.05	1.42
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*13.44*	

10 13 11 00-0074 Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinets *(10 13 11 00-0047)*

Note: Includes cork, fabric or hook-fab back panel, 3/16" tempered glass and flat key tumbler lock. Surface or recess mounted.

10 13 11 00-0075 Aluminum Frame, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinets *(10 13 11 00-0074)*

10 13 11 00-0076 Hinged Door, Aluminum Frame, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinets *(10 13 11 00-0075)*

10 13 11 00-0077	SF	Up To 6 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinet	185.62	9.68
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
10 13 11 00-0078	SF	>6 To 12 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinet	122.97	4.55
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
10 13 11 00-0079	SF	>12 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinet	119.43	3.93
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	

10 14 Signage *(10 10)*

Note: Where required, signage excludes electrical connection, disconnect, or terminations unless title states otherwise. See CSI section 26 05 19 16-0011 for electrical connection wiring, 26 05 83 00-0110 for terminations.

10 14 19 Dimensional Letter Signage *(10 14)*

Note: Mounted on masonry or concrete.

10 14 19 00-0001 Cast Characters *(10 14 19)*

Note: Any font.

10 14 19 00-0002 Satin Finish, Cast Aluminum Characters *(10 14 19 00-0001)*

10 14 19 00-0003	EA	2" High x 3/8" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	52.84	7.12
		For Installation With Adhesive, Deduct	*-5.49*	
		For Clear Anodized, Add	*2.44*	
		For Satin Face And Enameled Return, Add	*7.31*	
		For Patina Finish, Add	*9.75*	
		For Color Anodized, Add	*12.19*	
10 14 19 00-0004	EA	3" High x 1/2" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	62.62	7.69
		For Installation With Adhesive, Deduct	*-6.21*	
		For Clear Anodized, Add	*3.19*	
		For Satin Face And Enameled Return, Add	*9.56*	
		For Patina Finish, Add	*12.75*	
		For Color Anodized, Add	*15.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0005	EA	4" High x 5/8" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	68.64	8.25
		For Installation With Adhesive, Deduct	*-6.73*	
		For Clear Anodized, Add	*3.56*	
		For Satin Face And Enameled Return, Add	*10.69*	
		For Patina Finish, Add	*14.25*	
		For Color Anodized, Add	*17.82*	
10 14 19 00-0006	EA	5" High x 3/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	78.83	9.45
		For Installation With Adhesive, Deduct	*-7.70*	
		For Clear Anodized, Add	*4.13*	
		For Satin Face And Enameled Return, Add	*12.38*	
		For Patina Finish, Add	*16.50*	
		For Color Anodized, Add	*20.63*	
10 14 19 00-0007	EA	6" High x 3/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	86.72	9.96
		For Installation With Adhesive, Deduct	*-8.32*	
		For Clear Anodized, Add	*4.69*	
		For Satin Face And Enameled Return, Add	*14.06*	
		For Patina Finish, Add	*18.75*	
		For Color Anodized, Add	*23.44*	
10 14 19 00-0008	EA	8" High x 3/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	103.66	11.38
		For Installation With Adhesive, Deduct	*-9.74*	
		For Clear Anodized, Add	*5.81*	
		For Satin Face And Enameled Return, Add	*17.44*	
		For Patina Finish, Add	*23.25*	
		For Color Anodized, Add	*29.07*	
10 14 19 00-0009	EA	9" High x 3/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	115.32	11.96
		For Installation With Adhesive, Deduct	*-10.55*	
		For Clear Anodized, Add	*6.75*	
		For Satin Face And Enameled Return, Add	*20.25*	
		For Patina Finish, Add	*27.00*	
		For Color Anodized, Add	*33.76*	
10 14 19 00-0010	EA	10" High x 1" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	131.86	12.80
		For Installation With Adhesive, Deduct	*-11.72*	
		For Clear Anodized, Add	*8.06*	
		For Satin Face And Enameled Return, Add	*24.19*	
		For Patina Finish, Add	*32.26*	
		For Color Anodized, Add	*40.32*	
10 14 19 00-0011	EA	12" High x 1" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	160.46	14.79
		For Installation With Adhesive, Deduct	*-13.94*	
		For Clear Anodized, Add	*10.13*	
		For Satin Face And Enameled Return, Add	*30.38*	
		For Patina Finish, Add	*40.50*	
		For Color Anodized, Add	*50.63*	
10 14 19 00-0012	EA	14" High x 1" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	192.07	17.08
		For Installation With Adhesive, Deduct	*-16.43*	
		For Clear Anodized, Add	*12.38*	
		For Satin Face And Enameled Return, Add	*37.13*	
		For Patina Finish, Add	*49.51*	
		For Color Anodized, Add	*61.89*	
10 14 19 00-0013	EA	15" High x 1-1/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	210.94	18.98
		For Installation With Adhesive, Deduct	*-18.14*	
		For Clear Anodized, Add	*13.50*	
		For Satin Face And Enameled Return, Add	*40.51*	
		For Patina Finish, Add	*54.01*	
		For Color Anodized, Add	*67.51*	
10 14 19 00-0014	EA	16" High x 1-1/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	235.73	20.49
		For Installation With Adhesive, Deduct	*-19.98*	
		For Clear Anodized, Add	*15.38*	
		For Satin Face And Enameled Return, Add	*46.13*	
		For Patina Finish, Add	*61.51*	
		For Color Anodized, Add	*76.89*	
10 14 19 00-0015	EA	18" High x 1-1/2" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	286.10	22.76
		For Installation With Adhesive, Deduct	*-23.41*	
		For Clear Anodized, Add	*19.50*	
		For Satin Face And Enameled Return, Add	*58.51*	
		For Patina Finish, Add	*78.01*	
		For Color Anodized, Add	*97.52*	
10 14 19 00-0016	EA	20" High x 1-1/2" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	346.23	25.61
		For Installation With Adhesive, Deduct	*-27.56*	
		For Clear Anodized, Add	*24.38*	
		For Satin Face And Enameled Return, Add	*73.13*	
		For Patina Finish, Add	*97.51*	
		For Color Anodized, Add	*121.89*	
10 14 19 00-0017	EA	24" High x 1-1/2" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	417.62	28.46
		For Installation With Adhesive, Deduct	*-32.26*	
		For Clear Anodized, Add	*30.38*	
		For Satin Face And Enameled Return, Add	*91.14*	
		For Patina Finish, Add	*121.52*	
		For Color Anodized, Add	*151.90*	

10 14 19 00-0018 Satin Finish, Cast Bronze Characters *(10 14 19 00-0001)*

10 14 19 00-0019	EA	2" High x 3/8" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	65.04	7.83
		For Installation With Adhesive, Deduct	*-6.38*	
		For Oxidized Finish, Add	*5.06*	
		For Polished Or Patina Finish, Add	*10.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0020	EA	3" High x 1/2" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	93.58	8.53
		For Installation With Adhesive, Deduct	*-8.09*	
		For Oxidized Finish, Add	*8.91*	
		For Polished Or Patina Finish, Add	*17.83*	
10 14 19 00-0021	EA	4" High x 5/8" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	102.28	9.11
		For Installation With Adhesive, Deduct	*-8.76*	
		For Oxidized Finish, Add	*9.88*	
		For Polished Or Patina Finish, Add	*19.76*	
10 14 19 00-0022	EA	5" High x 3/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	124.50	10.24
		For Installation With Adhesive, Deduct	*-10.32*	
		For Oxidized Finish, Add	*12.53*	
		For Polished Or Patina Finish, Add	*25.06*	
10 14 19 00-0023	EA	6" High x 3/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	138.59	10.93
		For Installation With Adhesive, Deduct	*-11.31*	
		For Oxidized Finish, Add	*14.21*	
		For Polished Or Patina Finish, Add	*28.43*	
10 14 19 00-0024	EA	8" High x 3/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	185.00	12.52
		For Installation With Adhesive, Deduct	*-14.26*	
		For Oxidized Finish, Add	*20.24*	
		For Polished Or Patina Finish, Add	*40.47*	
10 14 19 00-0025	EA	9" High x 3/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	211.36	13.09
		For Installation With Adhesive, Deduct	*-15.80*	
		For Oxidized Finish, Add	*23.85*	
		For Polished Or Patina Finish, Add	*47.70*	
10 14 19 00-0026	EA	10" High x 1" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	236.80	14.23
		For Installation With Adhesive, Deduct	*-17.53*	
		For Oxidized Finish, Add	*26.98*	
		For Polished Or Patina Finish, Add	*53.96*	
10 14 19 00-0027	EA	12" High x 1" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	281.24	16.50
		For Installation With Adhesive, Deduct	*-20.66*	
		For Oxidized Finish, Add	*32.28*	
		For Polished Or Patina Finish, Add	*64.57*	
10 14 19 00-0028	EA	14" High x 1" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	330.50	18.78
		For Installation With Adhesive, Deduct	*-24.04*	
		For Oxidized Finish, Add	*38.31*	
		For Polished Or Patina Finish, Add	*76.61*	
10 14 19 00-0029	EA	15" High x 1-1/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	391.41	22.76
		For Installation With Adhesive, Deduct	*-28.68*	
		For Oxidized Finish, Add	*45.05*	
		For Polished Or Patina Finish, Add	*90.10*	
10 14 19 00-0030	EA	16" High x 1-1/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	406.27	24.48
		For Installation With Adhesive, Deduct	*-30.10*	
		For Oxidized Finish, Add	*46.26*	
		For Polished Or Patina Finish, Add	*92.51*	
10 14 19 00-0031	EA	18" High x 1-1/2" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	577.99	28.46
		For Installation With Adhesive, Deduct	*-40.28*	
		For Oxidized Finish, Add	*69.62*	
		For Polished Or Patina Finish, Add	*139.25*	
10 14 19 00-0032	EA	20" High x 1-1/2" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	696.61	32.02
		For Installation With Adhesive, Deduct	*-47.64*	
		For Oxidized Finish, Add	*85.28*	
		For Polished Or Patina Finish, Add	*170.57*	
10 14 19 00-0033	EA	24" High x 1-1/2" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	886.78	36.99
		For Installation With Adhesive, Deduct	*-59.14*	
		For Oxidized Finish, Add	*110.82*	
		For Polished Or Patina Finish, Add	*221.64*	

10 14 19 00-0034 Molded Characters *(10 14 19)*

Note: Any font.

10 14 19 00-0035 Molded Plastic Characters *(10 14 19 00-0034)*

10 14 19 00-0036	EA	4" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	40.85	5.70
		For Installation With Adhesive, Deduct	*-4.32*	
10 14 19 00-0037	EA	5" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	44.23	6.26
		For Installation With Adhesive, Deduct	*-4.72*	
10 14 19 00-0038	EA	6" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	48.87	6.83
		For Installation With Adhesive, Deduct	*-5.18*	
10 14 19 00-0039	EA	8" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	62.71	7.40
		For Installation With Adhesive, Deduct	*-6.10*	
10 14 19 00-0040	EA	9" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	67.76	7.97
		For Installation With Adhesive, Deduct	*-6.58*	
10 14 19 00-0041	EA	10" High x 1" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	73.40	8.53
		For Installation With Adhesive, Deduct	*-7.09*	
10 14 19 00-0042	EA	12" High x 1" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	85.55	9.96
		For Installation With Adhesive, Deduct	*-8.26*	
10 14 19 00-0043	EA	15" High x 1" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	112.78	12.52
		For Installation With Adhesive, Deduct	*-10.65*	
10 14 19 00-0044	EA	18" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	143.70	14.79
		For Installation With Adhesive, Deduct	*-13.11*	
10 14 19 00-0045	EA	24" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	213.09	18.22
		For Installation With Adhesive, Deduct	*-17.94*	
10 14 19 00-0046	EA	30" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	316.92	21.35
		For Installation With Adhesive, Deduct	*-24.38*	
10 14 19 00-0047	EA	36" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	416.38	24.48
		For Installation With Adhesive, Deduct	*-30.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0048	EA	48" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	779.93	32.73
		For Installation With Adhesive, Deduct	*-52.09*	
10 14 19 00-0049		Cutout Characters *(10 14 19)*		
		Note: Any font.		
10 14 19 00-0050		Satin Finish, Aluminum Characters *(10 14 19 00-0049)*		
10 14 19 00-0051		1/4" Deep, Satin Finish, Aluminum Characters *(10 14 19 00-0050)*		
10 14 19 00-0052	EA	2" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	49.09	7.12
		For Installation With Adhesive, Deduct	*-5.30*	
		For Clear Anodized, Add	*2.06*	
		For Satin Face And Enameled Return, Add	*7.22*	
		For Color Anodized, Add	*10.32*	
		For Polished Or Patina Finish, Add	*10.32*	
		For Polished Anodized Finish, Add	*15.47*	
10 14 19 00-0053	EA	4" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	68.64	8.25
		For Installation With Adhesive, Deduct	*-6.73*	
		For Clear Anodized, Add	*3.56*	
		For Satin Face And Enameled Return, Add	*12.47*	
		For Color Anodized, Add	*17.82*	
		For Polished Or Patina Finish, Add	*17.82*	
		For Polished Anodized Finish, Add	*26.72*	
10 14 19 00-0054	EA	6" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	92.35	9.96
		For Installation With Adhesive, Deduct	*-8.60*	
		For Clear Anodized, Add	*5.25*	
		For Satin Face And Enameled Return, Add	*18.38*	
		For Color Anodized, Add	*26.26*	
		For Polished Or Patina Finish, Add	*26.26*	
		For Polished Anodized Finish, Add	*39.38*	
10 14 19 00-0055	EA	8" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	113.04	11.38
		For Installation With Adhesive, Deduct	*-10.21*	
		For Clear Anodized, Add	*6.75*	
		For Satin Face And Enameled Return, Add	*23.63*	
		For Color Anodized, Add	*33.76*	
		For Polished Or Patina Finish, Add	*33.76*	
		For Polished Anodized Finish, Add	*50.63*	
10 14 19 00-0056	EA	10" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	129.98	12.80
		For Installation With Adhesive, Deduct	*-11.62*	
		For Clear Anodized, Add	*7.88*	
		For Satin Face And Enameled Return, Add	*27.57*	
		For Color Anodized, Add	*39.38*	
		For Polished Or Patina Finish, Add	*39.38*	
		For Polished Anodized Finish, Add	*59.07*	
10 14 19 00-0057	EA	12" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	149.21	14.79
		For Installation With Adhesive, Deduct	*-13.38*	
		For Clear Anodized, Add	*9.00*	
		For Satin Face And Enameled Return, Add	*31.50*	
		For Color Anodized, Add	*45.01*	
		For Polished Or Patina Finish, Add	*45.01*	
		For Polished Anodized Finish, Add	*67.51*	
10 14 19 00-0058	EA	14" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	175.19	17.08
		For Installation With Adhesive, Deduct	*-15.59*	
		For Clear Anodized, Add	*10.69*	
		For Satin Face And Enameled Return, Add	*37.41*	
		For Color Anodized, Add	*53.45*	
		For Polished Or Patina Finish, Add	*53.45*	
		For Polished Anodized Finish, Add	*80.17*	
10 14 19 00-0059	EA	16" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	207.60	20.49
		For Installation With Adhesive, Deduct	*-18.58*	
		For Clear Anodized, Add	*12.56*	
		For Satin Face And Enameled Return, Add	*43.97*	
		For Color Anodized, Add	*62.82*	
		For Polished Or Patina Finish, Add	*62.82*	
		For Polished Anodized Finish, Add	*94.23*	
10 14 19 00-0060	EA	18" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	233.59	22.76
		For Installation With Adhesive, Deduct	*-20.79*	
		For Clear Anodized, Add	*14.25*	
		For Satin Face And Enameled Return, Add	*49.88*	
		For Color Anodized, Add	*71.26*	
		For Polished Or Patina Finish, Add	*71.26*	
		For Polished Anodized Finish, Add	*106.89*	
10 14 19 00-0061	EA	20" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	280.60	25.61
		For Installation With Adhesive, Deduct	*-24.28*	
		For Clear Anodized, Add	*17.82*	
		For Satin Face And Enameled Return, Add	*62.35*	
		For Color Anodized, Add	*89.08*	
		For Polished Or Patina Finish, Add	*89.08*	
		For Polished Anodized Finish, Add	*133.61*	
10 14 19 00-0062	EA	22" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	321.92	27.03
		For Installation With Adhesive, Deduct	*-26.91*	
		For Clear Anodized, Add	*21.38*	
		For Satin Face And Enameled Return, Add	*74.82*	
		For Color Anodized, Add	*106.89*	
		For Polished Or Patina Finish, Add	*106.89*	
		For Polished Anodized Finish, Add	*160.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0063	EA	24" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	398.87	28.46
		For Installation With Adhesive, Deduct	*-31.33*	
		For Clear Anodized, Add	*28.50*	
		For Satin Face And Enameled Return, Add	*99.76*	
		For Color Anodized, Add	*142.52*	
		For Polished Or Patina Finish, Add	*142.52*	
		For Polished Anodized Finish, Add	*213.78*	
10 14 19 00-0064	EA	30" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	571.03	34.15
		For Installation With Adhesive, Deduct	*-42.21*	
		For Clear Anodized, Add	*43.44*	
		For Satin Face And Enameled Return, Add	*152.05*	
		For Color Anodized, Add	*217.22*	
		For Polished Or Patina Finish, Add	*217.22*	
		For Polished Anodized Finish, Add	*325.82*	
10 14 19 00-0065		3/8" Deep, Satin Finish, Aluminum Characters *(10 14 19 00-0050)*		
10 14 19 00-0066	EA	2" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	62.29	7.12
		For Installation With Adhesive, Deduct	*-5.96*	
		For Clear Anodized, Add	*3.38*	
		For Satin Face And Enameled Return, Add	*11.84*	
		For Color Anodized, Add	*16.92*	
		For Polished Or Patina Finish, Add	*16.92*	
		For Polished Anodized Finish, Add	*25.37*	
10 14 19 00-0067	EA	4" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	89.31	8.25
		For Installation With Adhesive, Deduct	*-7.77*	
		For Clear Anodized, Add	*5.63*	
		For Satin Face And Enameled Return, Add	*19.71*	
		For Color Anodized, Add	*28.15*	
		For Polished Or Patina Finish, Add	*28.15*	
		For Polished Anodized Finish, Add	*42.23*	
10 14 19 00-0068	EA	6" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	112.82	9.96
		For Installation With Adhesive, Deduct	*-9.63*	
		For Clear Anodized, Add	*7.30*	
		For Satin Face And Enameled Return, Add	*25.54*	
		For Color Anodized, Add	*36.49*	
		For Polished Or Patina Finish, Add	*36.49*	
		For Polished Anodized Finish, Add	*54.74*	
10 14 19 00-0069	EA	8" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	141.39	11.38
		For Installation With Adhesive, Deduct	*-11.62*	
		For Clear Anodized, Add	*9.59*	
		For Satin Face And Enameled Return, Add	*33.55*	
		For Color Anodized, Add	*47.93*	
		For Polished Or Patina Finish, Add	*47.93*	
		For Polished Anodized Finish, Add	*71.90*	
10 14 19 00-0070	EA	10" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	163.85	12.80
		For Installation With Adhesive, Deduct	*-13.31*	
		For Clear Anodized, Add	*11.26*	
		For Satin Face And Enameled Return, Add	*39.42*	
		For Color Anodized, Add	*56.32*	
		For Polished Or Patina Finish, Add	*56.32*	
		For Polished Anodized Finish, Add	*84.47*	
10 14 19 00-0071	EA	12" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	192.42	14.79
		For Installation With Adhesive, Deduct	*-15.54*	
		For Clear Anodized, Add	*13.32*	
		For Satin Face And Enameled Return, Add	*46.63*	
		For Color Anodized, Add	*66.61*	
		For Polished Or Patina Finish, Add	*66.61*	
		For Polished Anodized Finish, Add	*99.92*	
10 14 19 00-0072	EA	14" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	225.43	17.08
		For Installation With Adhesive, Deduct	*-18.10*	
		For Clear Anodized, Add	*15.71*	
		For Satin Face And Enameled Return, Add	*55.00*	
		For Color Anodized, Add	*78.57*	
		For Polished Or Patina Finish, Add	*78.57*	
		For Polished Anodized Finish, Add	*117.85*	
10 14 19 00-0073	EA	16" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	279.22	20.49
		For Installation With Adhesive, Deduct	*-22.16*	
		For Clear Anodized, Add	*19.73*	
		For Satin Face And Enameled Return, Add	*69.04*	
		For Color Anodized, Add	*98.63*	
		For Polished Or Patina Finish, Add	*98.63*	
		For Polished Anodized Finish, Add	*147.95*	
10 14 19 00-0074	EA	18" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	323.38	22.76
		For Installation With Adhesive, Deduct	*-25.28*	
		For Clear Anodized, Add	*23.23*	
		For Satin Face And Enameled Return, Add	*81.31*	
		For Color Anodized, Add	*116.16*	
		For Polished Or Patina Finish, Add	*116.16*	
		For Polished Anodized Finish, Add	*174.23*	
10 14 19 00-0075	EA	20" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	375.02	25.61
		For Installation With Adhesive, Deduct	*-29.00*	
		For Clear Anodized, Add	*27.26*	
		For Satin Face And Enameled Return, Add	*95.40*	
		For Color Anodized, Add	*136.29*	
		For Polished Or Patina Finish, Add	*136.29*	
		For Polished Anodized Finish, Add	*204.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0076	EA	22" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	420.26	27.03
		For Installation With Adhesive, Deduct	*-31.83*	
		For Clear Anodized, Add	*31.21*	
		For Satin Face And Enameled Return, Add	*109.24*	
		For Color Anodized, Add	*156.06*	
		For Polished Or Patina Finish, Add	*156.06*	
		For Polished Anodized Finish, Add	*234.09*	
10 14 19 00-0077	EA	24" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	467.28	28.46
		For Installation With Adhesive, Deduct	*-34.75*	
		For Clear Anodized, Add	*35.35*	
		For Satin Face And Enameled Return, Add	*123.71*	
		For Color Anodized, Add	*176.73*	
		For Polished Or Patina Finish, Add	*176.73*	
		For Polished Anodized Finish, Add	*265.09*	
10 14 19 00-0078	EA	30" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	642.92	34.15
		For Installation With Adhesive, Deduct	*-45.81*	
		For Clear Anodized, Add	*50.63*	
		For Satin Face And Enameled Return, Add	*177.21*	
		For Color Anodized, Add	*253.16*	
		For Polished Or Patina Finish, Add	*253.16*	
		For Polished Anodized Finish, Add	*379.74*	
10 14 19 00-0079		1/2" Deep, Satin Finish, Aluminum Characters *(10 14 19 00-0050)*		
10 14 19 00-0080	EA	2" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	77.55	7.12
		For Installation With Adhesive, Deduct	*-6.72*	
		For Clear Anodized, Add	*4.91*	
		For Satin Face And Enameled Return, Add	*17.18*	
		For Color Anodized, Add	*24.55*	
		For Polished Or Patina Finish, Add	*24.55*	
		For Polished Anodized Finish, Add	*36.82*	
10 14 19 00-0081	EA	4" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	100.35	8.25
		For Installation With Adhesive, Deduct	*-8.32*	
		For Clear Anodized, Add	*6.73*	
		For Satin Face And Enameled Return, Add	*23.57*	
		For Color Anodized, Add	*33.67*	
		For Polished Or Patina Finish, Add	*33.67*	
		For Polished Anodized Finish, Add	*50.51*	
10 14 19 00-0082	EA	6" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	125.95	9.96
		For Installation With Adhesive, Deduct	*-10.28*	
		For Clear Anodized, Add	*8.61*	
		For Satin Face And Enameled Return, Add	*30.14*	
		For Color Anodized, Add	*43.06*	
		For Polished Or Patina Finish, Add	*43.06*	
		For Polished Anodized Finish, Add	*64.58*	
10 14 19 00-0083	EA	8" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	148.82	11.38
		For Installation With Adhesive, Deduct	*-11.99*	
		For Clear Anodized, Add	*10.33*	
		For Satin Face And Enameled Return, Add	*36.15*	
		For Color Anodized, Add	*51.65*	
		For Polished Or Patina Finish, Add	*51.65*	
		For Polished Anodized Finish, Add	*77.47*	
10 14 19 00-0084	EA	10" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	173.30	12.80
		For Installation With Adhesive, Deduct	*-13.79*	
		For Clear Anodized, Add	*12.21*	
		For Satin Face And Enameled Return, Add	*42.73*	
		For Color Anodized, Add	*61.04*	
		For Polished Or Patina Finish, Add	*61.04*	
		For Polished Anodized Finish, Add	*91.56*	
10 14 19 00-0085	EA	12" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	213.12	14.79
		For Installation With Adhesive, Deduct	*-16.58*	
		For Clear Anodized, Add	*15.39*	
		For Satin Face And Enameled Return, Add	*53.87*	
		For Color Anodized, Add	*76.96*	
		For Polished Or Patina Finish, Add	*76.96*	
		For Polished Anodized Finish, Add	*115.44*	
10 14 19 00-0086	EA	14" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	262.84	17.08
		For Installation With Adhesive, Deduct	*-19.97*	
		For Clear Anodized, Add	*19.45*	
		For Satin Face And Enameled Return, Add	*68.09*	
		For Color Anodized, Add	*97.27*	
		For Polished Or Patina Finish, Add	*97.27*	
		For Polished Anodized Finish, Add	*145.91*	
10 14 19 00-0087	EA	16" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	318.17	20.49
		For Installation With Adhesive, Deduct	*-24.10*	
		For Clear Anodized, Add	*23.62*	
		For Satin Face And Enameled Return, Add	*82.67*	
		For Color Anodized, Add	*118.11*	
		For Polished Or Patina Finish, Add	*118.11*	
		For Polished Anodized Finish, Add	*177.16*	
10 14 19 00-0088	EA	18" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	386.09	22.76
		For Installation With Adhesive, Deduct	*-28.41*	
		For Clear Anodized, Add	*29.50*	
		For Satin Face And Enameled Return, Add	*103.26*	
		For Color Anodized, Add	*147.51*	
		For Polished Or Patina Finish, Add	*147.51*	
		For Polished Anodized Finish, Add	*221.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0089	EA	20" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	455.19	25.61
		For Installation With Adhesive, Deduct	*-33.00*	
		For Clear Anodized, Add	*35.27*	
		For Satin Face And Enameled Return, Add	*123.46*	
		For Color Anodized, Add	*176.37*	
		For Polished Or Patina Finish, Add	*176.37*	
		For Polished Anodized Finish, Add	*264.56*	
10 14 19 00-0090	EA	22" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	522.87	27.03
		For Installation With Adhesive, Deduct	*-36.96*	
		For Clear Anodized, Add	*41.47*	
		For Satin Face And Enameled Return, Add	*145.16*	
		For Color Anodized, Add	*207.37*	
		For Polished Or Patina Finish, Add	*207.37*	
		For Polished Anodized Finish, Add	*311.05*	
10 14 19 00-0091	EA	24" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	587.00	28.46
		For Installation With Adhesive, Deduct	*-40.73*	
		For Clear Anodized, Add	*47.32*	
		For Satin Face And Enameled Return, Add	*165.61*	
		For Color Anodized, Add	*236.59*	
		For Polished Or Patina Finish, Add	*236.59*	
		For Polished Anodized Finish, Add	*354.88*	
10 14 19 00-0092	EA	30" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	815.07	34.15
		For Installation With Adhesive, Deduct	*-54.41*	
		For Clear Anodized, Add	*67.85*	
		For Satin Face And Enameled Return, Add	*237.46*	
		For Color Anodized, Add	*339.24*	
		For Polished Or Patina Finish, Add	*339.24*	
		For Polished Anodized Finish, Add	*508.85*	

10 14 19 00-0093 3/4" Deep, Satin Finish, Aluminum Characters *(10 14 19 00-0050)*

10 14 19 00-0094	EA	2" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	81.06	7.12
		For Installation With Adhesive, Deduct	*-6.90*	
		For Clear Anodized, Add	*5.26*	
		For Satin Face And Enameled Return, Add	*18.41*	
		For Color Anodized, Add	*26.30*	
		For Polished Or Patina Finish, Add	*26.30*	
		For Polished Anodized Finish, Add	*39.45*	
10 14 19 00-0095	EA	4" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	104.27	8.25
		For Installation With Adhesive, Deduct	*-8.51*	
		For Clear Anodized, Add	*7.13*	
		For Satin Face And Enameled Return, Add	*24.94*	
		For Color Anodized, Add	*35.63*	
		For Polished Or Patina Finish, Add	*35.63*	
		For Polished Anodized Finish, Add	*53.45*	
10 14 19 00-0096	EA	6" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	137.50	9.96
		For Installation With Adhesive, Deduct	*-10.86*	
		For Clear Anodized, Add	*9.77*	
		For Satin Face And Enameled Return, Add	*34.18*	
		For Color Anodized, Add	*48.83*	
		For Polished Or Patina Finish, Add	*48.83*	
		For Polished Anodized Finish, Add	*73.25*	
10 14 19 00-0097	EA	8" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	182.57	11.38
		For Installation With Adhesive, Deduct	*-13.68*	
		For Clear Anodized, Add	*13.70*	
		For Satin Face And Enameled Return, Add	*47.96*	
		For Color Anodized, Add	*68.52*	
		For Polished Or Patina Finish, Add	*68.52*	
		For Polished Anodized Finish, Add	*102.78*	
10 14 19 00-0098	EA	10" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	229.22	12.80
		For Installation With Adhesive, Deduct	*-16.58*	
		For Clear Anodized, Add	*17.80*	
		For Satin Face And Enameled Return, Add	*62.30*	
		For Color Anodized, Add	*89.00*	
		For Polished Or Patina Finish, Add	*89.00*	
		For Polished Anodized Finish, Add	*133.50*	
10 14 19 00-0099	EA	12" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	287.83	14.79
		For Installation With Adhesive, Deduct	*-20.31*	
		For Clear Anodized, Add	*22.86*	
		For Satin Face And Enameled Return, Add	*80.02*	
		For Color Anodized, Add	*114.32*	
		For Polished Or Patina Finish, Add	*114.32*	
		For Polished Anodized Finish, Add	*171.47*	
10 14 19 00-0100	EA	14" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	359.04	17.08
		For Installation With Adhesive, Deduct	*-24.78*	
		For Clear Anodized, Add	*29.07*	
		For Satin Face And Enameled Return, Add	*101.76*	
		For Color Anodized, Add	*145.37*	
		For Polished Or Patina Finish, Add	*145.37*	
		For Polished Anodized Finish, Add	*218.06*	
10 14 19 00-0101	EA	16" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	443.81	20.49
		For Installation With Adhesive, Deduct	*-30.39*	
		For Clear Anodized, Add	*36.19*	
		For Satin Face And Enameled Return, Add	*126.65*	
		For Color Anodized, Add	*180.93*	
		For Polished Or Patina Finish, Add	*180.93*	
		For Polished Anodized Finish, Add	*271.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0102	EA	18" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	542.86	22.76
		For Installation With Adhesive, Deduct	*-36.25*	
		For Clear Anodized, Add	*45.18*	
		For Satin Face And Enameled Return, Add	*158.13*	
		For Color Anodized, Add	*225.90*	
		For Polished Or Patina Finish, Add	*225.90*	
		For Polished Anodized Finish, Add	*338.84*	
10 14 19 00-0103	EA	20" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	645.81	25.61
		For Installation With Adhesive, Deduct	*-42.54*	
		For Clear Anodized, Add	*54.34*	
		For Satin Face And Enameled Return, Add	*190.18*	
		For Color Anodized, Add	*271.68*	
		For Polished Or Patina Finish, Add	*271.68*	
		For Polished Anodized Finish, Add	*407.52*	
10 14 19 00-0104	EA	22" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	749.48	27.03
		For Installation With Adhesive, Deduct	*-48.29*	
		For Clear Anodized, Add	*64.13*	
		For Satin Face And Enameled Return, Add	*224.47*	
		For Color Anodized, Add	*320.67*	
		For Polished Or Patina Finish, Add	*320.67*	
		For Polished Anodized Finish, Add	*481.01*	
10 14 19 00-0105	EA	24" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	857.78	28.46
		For Installation With Adhesive, Deduct	*-54.27*	
		For Clear Anodized, Add	*74.40*	
		For Satin Face And Enameled Return, Add	*260.38*	
		For Color Anodized, Add	*371.98*	
		For Polished Or Patina Finish, Add	*371.98*	
		For Polished Anodized Finish, Add	*557.96*	
10 14 19 00-0106	EA	30" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	1,179.62	34.15
		For Installation With Adhesive, Deduct	*-72.64*	
		For Clear Anodized, Add	*104.30*	
		For Satin Face And Enameled Return, Add	*365.06*	
		For Color Anodized, Add	*521.51*	
		For Polished Or Patina Finish, Add	*521.51*	
		For Polished Anodized Finish, Add	*782.27*	
10 14 19 00-0107		1" Deep, Satin Finish, Aluminum Characters *(10 14 19 00-0050)*		
10 14 19 00-0108	EA	2" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	90.34	7.12
		For Installation With Adhesive, Deduct	*-7.36*	
		For Clear Anodized, Add	*6.19*	
		For Satin Face And Enameled Return, Add	*21.66*	
		For Color Anodized, Add	*30.94*	
		For Polished Or Patina Finish, Add	*30.94*	
		For Polished Anodized Finish, Add	*46.41*	
10 14 19 00-0109	EA	4" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	111.75	8.25
		For Installation With Adhesive, Deduct	*-8.89*	
		For Clear Anodized, Add	*7.87*	
		For Satin Face And Enameled Return, Add	*27.56*	
		For Color Anodized, Add	*39.37*	
		For Polished Or Patina Finish, Add	*39.37*	
		For Polished Anodized Finish, Add	*59.06*	
10 14 19 00-0110	EA	6" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	146.95	9.96
		For Installation With Adhesive, Deduct	*-11.33*	
		For Clear Anodized, Add	*10.71*	
		For Satin Face And Enameled Return, Add	*37.49*	
		For Color Anodized, Add	*53.56*	
		For Polished Or Patina Finish, Add	*53.56*	
		For Polished Anodized Finish, Add	*80.33*	
10 14 19 00-0111	EA	8" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	201.48	11.38
		For Installation With Adhesive, Deduct	*-14.63*	
		For Clear Anodized, Add	*15.60*	
		For Satin Face And Enameled Return, Add	*54.58*	
		For Color Anodized, Add	*77.98*	
		For Polished Or Patina Finish, Add	*77.98*	
		For Polished Anodized Finish, Add	*116.96*	
10 14 19 00-0112	EA	10" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	274.11	12.80
		For Installation With Adhesive, Deduct	*-18.83*	
		For Clear Anodized, Add	*22.29*	
		For Satin Face And Enameled Return, Add	*78.01*	
		For Color Anodized, Add	*111.45*	
		For Polished Or Patina Finish, Add	*111.45*	
		For Polished Anodized Finish, Add	*167.17*	
10 14 19 00-0113	EA	12" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	358.94	14.79
		For Installation With Adhesive, Deduct	*-23.87*	
		For Clear Anodized, Add	*29.97*	
		For Satin Face And Enameled Return, Add	*104.91*	
		For Color Anodized, Add	*149.87*	
		For Polished Or Patina Finish, Add	*149.87*	
		For Polished Anodized Finish, Add	*224.81*	
10 14 19 00-0114	EA	14" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	454.17	17.08
		For Installation With Adhesive, Deduct	*-29.54*	
		For Clear Anodized, Add	*38.59*	
		For Satin Face And Enameled Return, Add	*135.05*	
		For Color Anodized, Add	*192.94*	
		For Polished Or Patina Finish, Add	*192.94*	
		For Polished Anodized Finish, Add	*289.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0115	EA	16" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	564.43	20.49
		For Installation With Adhesive, Deduct	*-36.42*	
		For Clear Anodized, Add	*48.25*	
		For Satin Face And Enameled Return, Add	*168.86*	
		For Color Anodized, Add	*241.24*	
		For Polished Or Patina Finish, Add	*241.24*	
		For Polished Anodized Finish, Add	*361.85*	
10 14 19 00-0116	EA	18" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	683.95	22.76
		For Installation With Adhesive, Deduct	*-43.30*	
		For Clear Anodized, Add	*59.29*	
		For Satin Face And Enameled Return, Add	*207.51*	
		For Color Anodized, Add	*296.44*	
		For Polished Or Patina Finish, Add	*296.44*	
		For Polished Anodized Finish, Add	*444.66*	
10 14 19 00-0117	EA	20" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	841.77	25.61
		For Installation With Adhesive, Deduct	*-52.33*	
		For Clear Anodized, Add	*73.93*	
		For Satin Face And Enameled Return, Add	*258.76*	
		For Color Anodized, Add	*369.66*	
		For Polished Or Patina Finish, Add	*369.66*	
		For Polished Anodized Finish, Add	*554.49*	
10 14 19 00-0118	EA	22" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	1,003.88	27.03
		For Installation With Adhesive, Deduct	*-61.01*	
		For Clear Anodized, Add	*89.57*	
		For Satin Face And Enameled Return, Add	*313.51*	
		For Color Anodized, Add	*447.87*	
		For Polished Or Patina Finish, Add	*447.87*	
		For Polished Anodized Finish, Add	*671.81*	
10 14 19 00-0119	EA	24" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	1,185.58	28.46
		For Installation With Adhesive, Deduct	*-70.66*	
		For Clear Anodized, Add	*107.18*	
		For Satin Face And Enameled Return, Add	*375.11*	
		For Color Anodized, Add	*535.88*	
		For Polished Or Patina Finish, Add	*535.88*	
		For Polished Anodized Finish, Add	*803.81*	
10 14 19 00-0120	EA	30" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	1,675.81	34.15
		For Installation With Adhesive, Deduct	*-97.45*	
		For Clear Anodized, Add	*153.92*	
		For Satin Face And Enameled Return, Add	*538.72*	
		For Color Anodized, Add	*769.61*	
		For Polished Or Patina Finish, Add	*769.61*	
		For Polished Anodized Finish, Add	*1,154.41*	

10 14 19 00-0121 Satin Finish, Brass Characters *(10 14 19 00-0049)*

10 14 19 00-0122 1/4" Deep, Satin Finish, Brass Characters *(10 14 19 00-0121)*

10 14 19 00-0123	EA	2" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	64.91	7.12
		For Installation With Adhesive, Deduct	*-6.09*	
		For Oxidized Finish, Add	*5.47*	
		For Polished Finish, Add	*10.94*	
10 14 19 00-0124	EA	4" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	83.74	8.25
		For Installation With Adhesive, Deduct	*-7.49*	
		For Oxidized Finish, Add	*7.61*	
		For Polished Finish, Add	*15.22*	
10 14 19 00-0125	EA	6" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	115.35	9.96
		For Installation With Adhesive, Deduct	*-9.75*	
		For Oxidized Finish, Add	*11.33*	
		For Polished Finish, Add	*22.65*	
10 14 19 00-0126	EA	8" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	150.99	11.38
		For Installation With Adhesive, Deduct	*-12.10*	
		For Oxidized Finish, Add	*15.82*	
		For Polished Finish, Add	*31.64*	
10 14 19 00-0127	EA	10" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	193.13	12.80
		For Installation With Adhesive, Deduct	*-14.78*	
		For Oxidized Finish, Add	*21.29*	
		For Polished Finish, Add	*42.57*	
10 14 19 00-0128	EA	12" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	244.08	14.79
		For Installation With Adhesive, Deduct	*-18.12*	
		For Oxidized Finish, Add	*27.73*	
		For Polished Finish, Add	*55.46*	
10 14 19 00-0129	EA	14" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	305.25	17.08
		For Installation With Adhesive, Deduct	*-22.09*	
		For Oxidized Finish, Add	*35.54*	
		For Polished Finish, Add	*71.09*	
10 14 19 00-0130	EA	16" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	372.29	20.49
		For Installation With Adhesive, Deduct	*-26.81*	
		For Oxidized Finish, Add	*43.55*	
		For Polished Finish, Add	*87.10*	
10 14 19 00-0131	EA	18" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	451.89	22.76
		For Installation With Adhesive, Deduct	*-31.70*	
		For Oxidized Finish, Add	*54.12*	
		For Polished Finish, Add	*108.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0132	EA	20" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	537.30	25.61
		For Installation With Adhesive, Deduct	*-37.11*	
		For Oxidized Finish, Add	*65.23*	
		For Polished Finish, Add	*130.46*	
10 14 19 00-0133	EA	22" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	660.16	27.03
		For Installation With Adhesive, Deduct	*-43.82*	
		For Oxidized Finish, Add	*82.80*	
		For Polished Finish, Add	*165.61*	
10 14 19 00-0134	EA	24" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	723.88	28.46
		For Installation With Adhesive, Deduct	*-47.58*	
		For Oxidized Finish, Add	*91.51*	
		For Polished Finish, Add	*183.02*	
10 14 19 00-0135	EA	30" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,087.82	34.15
		For Installation With Adhesive, Deduct	*-68.05*	
		For Oxidized Finish, Add	*142.68*	
		For Polished Finish, Add	*285.37*	

10 14 19 00-0136 3/8" Deep, Satin Finish, Brass Characters *(10 14 19 00-0121)*

10 14 19 00-0137	EA	2" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	77.67	7.12
		For Installation With Adhesive, Deduct	*-6.73*	
		For Oxidized Finish, Add	*7.38*	
		For Polished Finish, Add	*14.76*	
10 14 19 00-0138	EA	4" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	101.49	8.25
		For Installation With Adhesive, Deduct	*-8.38*	
		For Oxidized Finish, Add	*10.27*	
		For Polished Finish, Add	*20.54*	
10 14 19 00-0139	EA	6" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	145.56	9.96
		For Installation With Adhesive, Deduct	*-11.26*	
		For Oxidized Finish, Add	*15.86*	
		For Polished Finish, Add	*31.72*	
10 14 19 00-0140	EA	8" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	193.17	11.38
		For Installation With Adhesive, Deduct	*-14.21*	
		For Oxidized Finish, Add	*22.15*	
		For Polished Finish, Add	*44.29*	
10 14 19 00-0141	EA	10" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	256.99	12.80
		For Installation With Adhesive, Deduct	*-17.97*	
		For Oxidized Finish, Add	*30.87*	
		For Polished Finish, Add	*61.73*	
10 14 19 00-0142	EA	12" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	327.27	14.79
		For Installation With Adhesive, Deduct	*-22.28*	
		For Oxidized Finish, Add	*40.21*	
		For Polished Finish, Add	*80.42*	
10 14 19 00-0143	EA	14" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	411.88	17.08
		For Installation With Adhesive, Deduct	*-27.42*	
		For Oxidized Finish, Add	*51.54*	
		For Polished Finish, Add	*103.07*	
10 14 19 00-0144	EA	16" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	488.43	20.49
		For Installation With Adhesive, Deduct	*-32.62*	
		For Oxidized Finish, Add	*60.97*	
		For Polished Finish, Add	*121.94*	
10 14 19 00-0145	EA	18" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	614.26	22.76
		For Installation With Adhesive, Deduct	*-39.82*	
		For Oxidized Finish, Add	*78.48*	
		For Polished Finish, Add	*156.96*	
10 14 19 00-0146	EA	20" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	711.24	25.61
		For Installation With Adhesive, Deduct	*-45.81*	
		For Oxidized Finish, Add	*91.32*	
		For Polished Finish, Add	*182.64*	
10 14 19 00-0147	EA	22" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	875.45	27.03
		For Installation With Adhesive, Deduct	*-54.59*	
		For Oxidized Finish, Add	*115.10*	
		For Polished Finish, Add	*230.19*	
10 14 19 00-0148	EA	24" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	998.41	28.46
		For Installation With Adhesive, Deduct	*-61.30*	
		For Oxidized Finish, Add	*132.69*	
		For Polished Finish, Add	*265.37*	
10 14 19 00-0149	EA	30" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,382.70	34.15
		For Installation With Adhesive, Deduct	*-82.80*	
		For Oxidized Finish, Add	*186.92*	
		For Polished Finish, Add	*373.83*	

10 14 19 00-0150 1/2" Deep, Satin Finish, Brass Characters *(10 14 19 00-0121)*

10 14 19 00-0151	EA	2" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	97.72	7.12
		For Installation With Adhesive, Deduct	*-7.73*	
		For Oxidized Finish, Add	*10.39*	
		For Polished Finish, Add	*20.78*	
10 14 19 00-0152	EA	4" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	126.85	8.25
		For Installation With Adhesive, Deduct	*-9.64*	
		For Oxidized Finish, Add	*14.08*	
		For Polished Finish, Add	*28.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0153	EA	6" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	183.31	9.96
		For Installation With Adhesive, Deduct	*-13.15*	
		For Oxidized Finish, Add	*21.52*	
		For Polished Finish, Add	*43.04*	
10 14 19 00-0154	EA	8" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	251.17	11.38
		For Installation With Adhesive, Deduct	*-17.11*	
		For Oxidized Finish, Add	*30.85*	
		For Polished Finish, Add	*61.69*	
10 14 19 00-0155	EA	10" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	349.23	12.80
		For Installation With Adhesive, Deduct	*-22.58*	
		For Oxidized Finish, Add	*44.70*	
		For Polished Finish, Add	*89.40*	
10 14 19 00-0156	EA	12" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	465.93	14.79
		For Installation With Adhesive, Deduct	*-29.22*	
		For Oxidized Finish, Add	*61.01*	
		For Polished Finish, Add	*122.02*	
10 14 19 00-0157	EA	14" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	577.75	17.08
		For Installation With Adhesive, Deduct	*-35.72*	
		For Oxidized Finish, Add	*76.42*	
		For Polished Finish, Add	*152.84*	
10 14 19 00-0158	EA	16" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	688.76	20.49
		For Installation With Adhesive, Deduct	*-42.63*	
		For Oxidized Finish, Add	*91.02*	
		For Polished Finish, Add	*182.04*	
10 14 19 00-0159	EA	18" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	939.01	22.76
		For Installation With Adhesive, Deduct	*-56.06*	
		For Oxidized Finish, Add	*127.19*	
		For Polished Finish, Add	*254.38*	
10 14 19 00-0160	EA	20" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,059.12	25.61
		For Installation With Adhesive, Deduct	*-63.20*	
		For Oxidized Finish, Add	*143.50*	
		For Polished Finish, Add	*287.00*	
10 14 19 00-0161	EA	22" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,322.59	27.03
		For Installation With Adhesive, Deduct	*-76.94*	
		For Oxidized Finish, Add	*182.17*	
		For Polished Finish, Add	*364.34*	
10 14 19 00-0162	EA	24" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,547.45	28.46
		For Installation With Adhesive, Deduct	*-88.76*	
		For Oxidized Finish, Add	*215.04*	
		For Polished Finish, Add	*430.09*	
10 14 19 00-0163	EA	30" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	2,333.93	34.15
		For Installation With Adhesive, Deduct	*-130.36*	
		For Oxidized Finish, Add	*329.60*	
		For Polished Finish, Add	*659.20*	

10 14 19 00-0164 3/4" Deep, Satin Finish, Brass Characters *(10 14 19 00-0121)*

10 14 19 00-0165	EA	2" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	119.60	7.12
		For Installation With Adhesive, Deduct	*-8.83*	
		For Oxidized Finish, Add	*13.67*	
		For Polished Finish, Add	*27.34*	
10 14 19 00-0166	EA	4" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	167.43	8.25
		For Installation With Adhesive, Deduct	*-11.67*	
		For Oxidized Finish, Add	*20.16*	
		For Polished Finish, Add	*40.33*	
10 14 19 00-0167	EA	6" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	228.62	9.96
		For Installation With Adhesive, Deduct	*-15.42*	
		For Oxidized Finish, Add	*28.32*	
		For Polished Finish, Add	*56.63*	
10 14 19 00-0168	EA	8" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	309.17	11.38
		For Installation With Adhesive, Deduct	*-20.01*	
		For Oxidized Finish, Add	*39.55*	
		For Polished Finish, Add	*79.09*	
10 14 19 00-0169	EA	10" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	420.19	12.80
		For Installation With Adhesive, Deduct	*-26.13*	
		For Oxidized Finish, Add	*55.35*	
		For Polished Finish, Add	*110.69*	
10 14 19 00-0170	EA	12" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	576.85	14.79
		For Installation With Adhesive, Deduct	*-34.76*	
		For Oxidized Finish, Add	*77.65*	
		For Polished Finish, Add	*155.30*	
10 14 19 00-0171	EA	14" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	719.92	17.08
		For Installation With Adhesive, Deduct	*-42.83*	
		For Oxidized Finish, Add	*97.74*	
		For Polished Finish, Add	*195.49*	
10 14 19 00-0172	EA	16" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	839.73	20.49
		For Installation With Adhesive, Deduct	*-50.18*	
		For Oxidized Finish, Add	*113.67*	
		For Polished Finish, Add	*227.33*	
10 14 19 00-0173	EA	18" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,119.42	22.76
		For Installation With Adhesive, Deduct	*-65.08*	
		For Oxidized Finish, Add	*154.25*	
		For Polished Finish, Add	*308.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0174	EA	20" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,224.36	25.61
		For Installation With Adhesive, Deduct	*-71.46*	
		For Oxidized Finish, Add	*168.29*	
		For Polished Finish, Add	*336.57*	
10 14 19 00-0175	EA	22" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,554.44	27.03
		For Installation With Adhesive, Deduct	*-88.54*	
		For Oxidized Finish, Add	*216.95*	
		For Polished Finish, Add	*433.89*	
10 14 19 00-0176	EA	24" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,974.49	28.46
		For Installation With Adhesive, Deduct	*-110.11*	
		For Oxidized Finish, Add	*279.10*	
		For Polished Finish, Add	*558.20*	
10 14 19 00-0177	EA	30" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	2,980.76	34.15
		For Installation With Adhesive, Deduct	*-162.70*	
		For Oxidized Finish, Add	*426.62*	
		For Polished Finish, Add	*853.25*	

10 14 19 00-0178 Satin Finish, Bronze Characters *(10 14 19 00-0049)*

10 14 19 00-0179 1/4" Deep, Satin Finish, Bronze Characters *(10 14 19 00-0178)*

10 14 19 00-0180	EA	2" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	72.18	7.12
		For Installation With Adhesive, Deduct	*-6.46*	
		For Oxidized Finish, Add	*6.56*	
		For Polished Or Patina Finish, Add	*13.12*	
10 14 19 00-0181	EA	4" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	93.91	8.25
		For Installation With Adhesive, Deduct	*-8.00*	
		For Oxidized Finish, Add	*9.14*	
		For Polished Or Patina Finish, Add	*18.27*	
10 14 19 00-0182	EA	6" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	130.41	9.96
		For Installation With Adhesive, Deduct	*-10.50*	
		For Oxidized Finish, Add	*13.59*	
		For Polished Or Patina Finish, Add	*27.17*	
10 14 19 00-0183	EA	8" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	172.01	11.38
		For Installation With Adhesive, Deduct	*-13.15*	
		For Oxidized Finish, Add	*18.97*	
		For Polished Or Patina Finish, Add	*37.94*	
10 14 19 00-0184	EA	10" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	221.42	12.80
		For Installation With Adhesive, Deduct	*-16.19*	
		For Oxidized Finish, Add	*25.53*	
		For Polished Or Patina Finish, Add	*51.06*	
10 14 19 00-0185	EA	12" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	280.93	14.79
		For Installation With Adhesive, Deduct	*-19.97*	
		For Oxidized Finish, Add	*33.26*	
		For Polished Or Patina Finish, Add	*66.52*	
10 14 19 00-0186	EA	14" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	352.49	17.08
		For Installation With Adhesive, Deduct	*-24.45*	
		For Oxidized Finish, Add	*42.63*	
		For Polished Or Patina Finish, Add	*85.26*	
10 14 19 00-0187	EA	16" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	437.98	20.49
		For Installation With Adhesive, Deduct	*-30.10*	
		For Oxidized Finish, Add	*53.40*	
		For Polished Or Patina Finish, Add	*106.81*	
10 14 19 00-0188	EA	18" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	525.16	22.76
		For Installation With Adhesive, Deduct	*-35.37*	
		For Oxidized Finish, Add	*65.11*	
		For Polished Or Patina Finish, Add	*130.23*	
10 14 19 00-0189	EA	20" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	623.98	25.61
		For Installation With Adhesive, Deduct	*-41.44*	
		For Oxidized Finish, Add	*78.23*	
		For Polished Or Patina Finish, Add	*156.46*	
10 14 19 00-0190	EA	22" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	729.61	27.03
		For Installation With Adhesive, Deduct	*-47.29*	
		For Oxidized Finish, Add	*93.22*	
		For Polished Or Patina Finish, Add	*186.44*	
10 14 19 00-0191	EA	24" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	846.16	28.46
		For Installation With Adhesive, Deduct	*-53.69*	
		For Oxidized Finish, Add	*109.85*	
		For Polished Or Patina Finish, Add	*219.70*	
10 14 19 00-0192	EA	30" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	1,288.97	34.15
		For Installation With Adhesive, Deduct	*-78.11*	
		For Oxidized Finish, Add	*172.86*	
		For Polished Or Patina Finish, Add	*345.71*	

10 14 19 00-0193 3/8" Deep, Satin Finish, Bronze Characters *(10 14 19 00-0178)*

10 14 19 00-0194	EA	2" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	86.17	7.12
		For Installation With Adhesive, Deduct	*-7.15*	
		For Oxidized Finish, Add	*8.66*	
		For Polished Or Patina Finish, Add	*17.31*	
10 14 19 00-0195	EA	4" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	112.79	8.25
		For Installation With Adhesive, Deduct	*-8.94*	
		For Oxidized Finish, Add	*11.97*	
		For Polished Or Patina Finish, Add	*23.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0196	EA	6" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	164.82	9.96
		For Installation With Adhesive, Deduct	*-12.23*	
		For Oxidized Finish, Add	*18.75*	
		For Polished Or Patina Finish, Add	*37.49*	
10 14 19 00-0197	EA	8" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	218.81	11.38
		For Installation With Adhesive, Deduct	*-15.49*	
		For Oxidized Finish, Add	*25.99*	
		For Polished Or Patina Finish, Add	*51.98*	
10 14 19 00-0198	EA	10" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	298.01	12.80
		For Installation With Adhesive, Deduct	*-20.02*	
		For Oxidized Finish, Add	*37.02*	
		For Polished Or Patina Finish, Add	*74.04*	
10 14 19 00-0199	EA	12" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	378.49	14.79
		For Installation With Adhesive, Deduct	*-24.84*	
		For Oxidized Finish, Add	*47.89*	
		For Polished Or Patina Finish, Add	*95.79*	
10 14 19 00-0200	EA	14" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	474.69	17.08
		For Installation With Adhesive, Deduct	*-30.56*	
		For Oxidized Finish, Add	*60.96*	
		For Polished Or Patina Finish, Add	*121.92*	
10 14 19 00-0201	EA	16" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	587.50	20.49
		For Installation With Adhesive, Deduct	*-37.57*	
		For Oxidized Finish, Add	*75.83*	
		For Polished Or Patina Finish, Add	*151.66*	
10 14 19 00-0202	EA	18" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	711.82	22.76
		For Installation With Adhesive, Deduct	*-44.70*	
		For Oxidized Finish, Add	*93.11*	
		For Polished Or Patina Finish, Add	*186.23*	
10 14 19 00-0203	EA	20" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	848.24	25.61
		For Installation With Adhesive, Deduct	*-52.66*	
		For Oxidized Finish, Add	*111.87*	
		For Polished Or Patina Finish, Add	*223.74*	
10 14 19 00-0204	EA	22" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	996.84	27.03
		For Installation With Adhesive, Deduct	*-60.66*	
		For Oxidized Finish, Add	*133.31*	
		For Polished Or Patina Finish, Add	*266.61*	
10 14 19 00-0205	EA	24" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	1,131.77	28.46
		For Installation With Adhesive, Deduct	*-67.97*	
		For Oxidized Finish, Add	*152.69*	
		For Polished Or Patina Finish, Add	*305.38*	
10 14 19 00-0206	EA	30" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	1,554.01	34.15
		For Installation With Adhesive, Deduct	*-91.36*	
		For Oxidized Finish, Add	*212.61*	
		For Polished Or Patina Finish, Add	*425.22*	

10 14 19 00-0207 1/2" Deep, Satin Finish, Bronze Characters *(10 14 19 00-0178)*

10 14 19 00-0208	EA	2" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	89.23	7.12
		For Installation With Adhesive, Deduct	*-7.31*	
		For Oxidized Finish, Add	*9.12*	
		For Polished Or Patina Finish, Add	*18.23*	
10 14 19 00-0209	EA	4" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	134.71	8.25
		For Installation With Adhesive, Deduct	*-10.04*	
		For Oxidized Finish, Add	*15.26*	
		For Polished Or Patina Finish, Add	*30.51*	
10 14 19 00-0210	EA	6" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	192.90	9.96
		For Installation With Adhesive, Deduct	*-13.63*	
		For Oxidized Finish, Add	*22.96*	
		For Polished Or Patina Finish, Add	*45.92*	
10 14 19 00-0211	EA	8" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	266.87	11.38
		For Installation With Adhesive, Deduct	*-17.90*	
		For Oxidized Finish, Add	*33.20*	
		For Polished Or Patina Finish, Add	*66.40*	
10 14 19 00-0212	EA	10" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	366.09	12.80
		For Installation With Adhesive, Deduct	*-23.43*	
		For Oxidized Finish, Add	*47.23*	
		For Polished Or Patina Finish, Add	*94.46*	
10 14 19 00-0213	EA	12" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	500.44	14.79
		For Installation With Adhesive, Deduct	*-30.94*	
		For Oxidized Finish, Add	*66.19*	
		For Polished Or Patina Finish, Add	*132.37*	
10 14 19 00-0214	EA	14" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	650.88	17.08
		For Installation With Adhesive, Deduct	*-39.37*	
		For Oxidized Finish, Add	*87.39*	
		For Polished Or Patina Finish, Add	*174.77*	
10 14 19 00-0215	EA	16" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	815.35	20.49
		For Installation With Adhesive, Deduct	*-48.96*	
		For Oxidized Finish, Add	*110.01*	
		For Polished Or Patina Finish, Add	*220.02*	
10 14 19 00-0216	EA	18" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	1,002.66	22.76
		For Installation With Adhesive, Deduct	*-59.24*	
		For Oxidized Finish, Add	*136.74*	
		For Polished Or Patina Finish, Add	*273.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0217	EA	20" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	1,202.88	25.61
		For Installation With Adhesive, Deduct	*-70.39*	
		For Oxidized Finish, Add	*165.06*	
		For Polished Or Patina Finish, Add	*330.13*	
10 14 19 00-0218	EA	22" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	1,425.65	27.03
		For Installation With Adhesive, Deduct	*-82.10*	
		For Oxidized Finish, Add	*197.63*	
		For Polished Or Patina Finish, Add	*395.25*	
10 14 19 00-0219	EA	24" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	1,659.05	28.46
		For Installation With Adhesive, Deduct	*-94.34*	
		For Oxidized Finish, Add	*231.78*	
		For Polished Or Patina Finish, Add	*463.57*	
10 14 19 00-0220	EA	30" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	2,326.09	34.15
		For Installation With Adhesive, Deduct	*-129.96*	
		For Oxidized Finish, Add	*328.42*	
		For Polished Or Patina Finish, Add	*656.85*	
10 14 19 00-0221		Satin Finish, Copper Characters *(10 14 19 00-0049)*		
10 14 19 00-0222		1/4" Deep, Satin Finish, Copper Characters *(10 14 19 00-0221)*		
10 14 19 00-0223	EA	2" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	64.91	7.12
		For Installation With Adhesive, Deduct	*-6.09*	
		For Polished Finish, Add	*10.94*	
10 14 19 00-0224	EA	4" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	85.09	8.25
		For Installation With Adhesive, Deduct	*-7.56*	
		For Polished Finish, Add	*15.62*	
10 14 19 00-0225	EA	6" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	120.56	9.96
		For Installation With Adhesive, Deduct	*-10.01*	
		For Polished Finish, Add	*24.22*	
10 14 19 00-0226	EA	8" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	160.10	11.38
		For Installation With Adhesive, Deduct	*-12.56*	
		For Polished Finish, Add	*34.37*	
10 14 19 00-0227	EA	10" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	203.55	12.80
		For Installation With Adhesive, Deduct	*-15.30*	
		For Polished Finish, Add	*45.70*	
10 14 19 00-0228	EA	12" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	259.70	14.79
		For Installation With Adhesive, Deduct	*-18.91*	
		For Polished Finish, Add	*60.15*	
10 14 19 00-0229	EA	14" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	326.08	17.08
		For Installation With Adhesive, Deduct	*-23.13*	
		For Polished Finish, Add	*77.33*	
10 14 19 00-0230	EA	16" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	402.24	20.49
		For Installation With Adhesive, Deduct	*-28.31*	
		For Polished Finish, Add	*96.08*	
10 14 19 00-0231	EA	18" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	482.95	22.76
		For Installation With Adhesive, Deduct	*-33.25*	
		For Polished Finish, Add	*117.56*	
10 14 19 00-0232	EA	20" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	572.45	25.61
		For Installation With Adhesive, Deduct	*-38.87*	
		For Polished Finish, Add	*141.00*	
10 14 19 00-0233	EA	22" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	669.29	27.03
		For Installation With Adhesive, Deduct	*-44.28*	
		For Polished Finish, Add	*168.35*	
10 14 19 00-0234	EA	24" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	773.91	28.46
		For Installation With Adhesive, Deduct	*-50.08*	
		For Polished Finish, Add	*198.02*	
10 14 19 00-0235	EA	30" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	1,113.68	34.15
		For Installation With Adhesive, Deduct	*-69.34*	
		For Polished Finish, Add	*293.12*	
10 14 19 00-0236		3/8" Deep, Satin Finish, Copper Characters *(10 14 19 00-0221)*		
10 14 19 00-0237	EA	2" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	74.03	7.12
		For Installation With Adhesive, Deduct	*-6.55*	
		For Polished Finish, Add	*13.67*	
10 14 19 00-0238	EA	4" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	100.71	8.25
		For Installation With Adhesive, Deduct	*-8.34*	
		For Polished Finish, Add	*20.31*	
10 14 19 00-0239	EA	6" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	148.81	9.96
		For Installation With Adhesive, Deduct	*-11.42*	
		For Polished Finish, Add	*32.69*	
10 14 19 00-0240	EA	8" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	205.93	11.38
		For Installation With Adhesive, Deduct	*-14.85*	
		For Polished Finish, Add	*48.12*	
10 14 19 00-0241	EA	10" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	279.71	12.80
		For Installation With Adhesive, Deduct	*-19.11*	
		For Polished Finish, Add	*68.55*	
10 14 19 00-0242	EA	12" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	349.92	14.79
		For Installation With Adhesive, Deduct	*-23.42*	
		For Polished Finish, Add	*87.22*	
10 14 19 00-0243	EA	14" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	442.09	17.08
		For Installation With Adhesive, Deduct	*-28.93*	
		For Polished Finish, Add	*112.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0244	EA	16" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	546.36	20.49
		For Installation With Adhesive, Deduct	*-35.51*	
		For Polished Finish, Add	*139.32*	
10 14 19 00-0245	EA	18" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	659.30	22.76
		For Installation With Adhesive, Deduct	*-42.07*	
		For Polished Finish, Add	*170.47*	
10 14 19 00-0246	EA	20" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	783.95	25.61
		For Installation With Adhesive, Deduct	*-49.44*	
		For Polished Finish, Add	*204.45*	
10 14 19 00-0247	EA	22" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	921.81	27.03
		For Installation With Adhesive, Deduct	*-56.90*	
		For Polished Finish, Add	*244.10*	
10 14 19 00-0248	EA	24" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	1,037.95	28.46
		For Installation With Adhesive, Deduct	*-63.28*	
		For Polished Finish, Add	*277.24*	
10 14 19 00-0249	EA	30" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	1,455.65	34.15
		For Installation With Adhesive, Deduct	*-86.44*	
		For Polished Finish, Add	*395.72*	

10 14 19 00-0250 Satin Finish, Stainless Steel Characters *(10 14 19 00-0049)*

10 14 19 00-0251 1/4" Deep, Satin Finish, Stainless Steel Characters *(10 14 19 00-0250)*

10 14 19 00-0252	EA	2" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	62.02	7.12
		For Installation With Adhesive, Deduct	*-5.95*	
		For Polished Finish, Add	*10.07*	
10 14 19 00-0253	EA	4" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	81.67	8.25
		For Installation With Adhesive, Deduct	*-7.38*	
		For Polished Finish, Add	*14.60*	
10 14 19 00-0254	EA	6" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	105.27	9.96
		For Installation With Adhesive, Deduct	*-9.25*	
		For Polished Finish, Add	*19.63*	
10 14 19 00-0255	EA	8" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	136.13	11.38
		For Installation With Adhesive, Deduct	*-11.36*	
		For Polished Finish, Add	*27.18*	
10 14 19 00-0256	EA	10" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	166.99	12.80
		For Installation With Adhesive, Deduct	*-13.47*	
		For Polished Finish, Add	*34.73*	
10 14 19 00-0257	EA	12" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	205.17	14.79
		For Installation With Adhesive, Deduct	*-16.18*	
		For Polished Finish, Add	*43.79*	
10 14 19 00-0258	EA	14" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	246.15	17.08
		For Installation With Adhesive, Deduct	*-19.14*	
		For Polished Finish, Add	*53.36*	
10 14 19 00-0259	EA	16" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	295.04	20.49
		For Installation With Adhesive, Deduct	*-22.95*	
		For Polished Finish, Add	*63.92*	
10 14 19 00-0260	EA	18" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	344.42	22.76
		For Installation With Adhesive, Deduct	*-26.33*	
		For Polished Finish, Add	*76.01*	
10 14 19 00-0261	EA	20" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	402.78	25.61
		For Installation With Adhesive, Deduct	*-30.38*	
		For Polished Finish, Add	*90.10*	
10 14 19 00-0262	EA	22" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	468.87	27.03
		For Installation With Adhesive, Deduct	*-34.26*	
		For Polished Finish, Add	*108.22*	
10 14 19 00-0263	EA	24" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	536.64	28.46
		For Installation With Adhesive, Deduct	*-38.22*	
		For Polished Finish, Add	*126.84*	
10 14 19 00-0264	EA	30" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	737.25	34.15
		For Installation With Adhesive, Deduct	*-50.52*	
		For Polished Finish, Add	*180.20*	

10 14 19 00-0265 3/8" Deep, Satin Finish, Stainless Steel Characters *(10 14 19 00-0250)*

10 14 19 00-0266	EA	2" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	73.76	7.12
		For Installation With Adhesive, Deduct	*-6.53*	
		For Polished Finish, Add	*13.59*	
10 14 19 00-0267	EA	4" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	98.70	8.25
		For Installation With Adhesive, Deduct	*-8.24*	
		For Polished Finish, Add	*19.71*	
10 14 19 00-0268	EA	6" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	126.87	9.96
		For Installation With Adhesive, Deduct	*-10.33*	
		For Polished Finish, Add	*26.11*	
10 14 19 00-0269	EA	8" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	162.41	11.38
		For Installation With Adhesive, Deduct	*-12.67*	
		For Polished Finish, Add	*35.06*	
10 14 19 00-0270	EA	10" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	200.56	12.80
		For Installation With Adhesive, Deduct	*-15.15*	
		For Polished Finish, Add	*44.80*	
10 14 19 00-0271	EA	12" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	247.50	14.79
		For Installation With Adhesive, Deduct	*-18.30*	
		For Polished Finish, Add	*56.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0272	EA	14" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	297.72	17.08
		For Installation With Adhesive, Deduct	*-21.72*	
		For Polished Finish, Add	*68.83*	
10 14 19 00-0273	EA	16" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	356.83	20.49
		For Installation With Adhesive, Deduct	*-26.04*	
		For Polished Finish, Add	*82.46*	
10 14 19 00-0274	EA	18" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	415.36	22.76
		For Installation With Adhesive, Deduct	*-29.88*	
		For Polished Finish, Add	*97.29*	
10 14 19 00-0275	EA	20" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	486.87	25.61
		For Installation With Adhesive, Deduct	*-34.59*	
		For Polished Finish, Add	*115.33*	
10 14 19 00-0276	EA	22" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	548.23	27.03
		For Installation With Adhesive, Deduct	*-38.23*	
		For Polished Finish, Add	*132.03*	
10 14 19 00-0277	EA	24" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	629.65	28.46
		For Installation With Adhesive, Deduct	*-42.87*	
		For Polished Finish, Add	*154.75*	
10 14 19 00-0278	EA	30" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	869.40	34.15
		For Installation With Adhesive, Deduct	*-57.13*	
		For Polished Finish, Add	*219.84*	

10 14 19 00-0279 1/2" Deep, Satin Finish, Stainless Steel Characters *(10 14 19 00-0250)*

10 14 19 00-0280	EA	2" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	88.86	7.12
		For Installation With Adhesive, Deduct	*-7.29*	
		For Polished Finish, Add	*18.12*	
10 14 19 00-0281	EA	4" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	120.59	8.25
		For Installation With Adhesive, Deduct	*-9.33*	
		For Polished Finish, Add	*26.27*	
10 14 19 00-0282	EA	6" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	155.66	9.96
		For Installation With Adhesive, Deduct	*-11.77*	
		For Polished Finish, Add	*34.75*	
10 14 19 00-0283	EA	8" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	204.99	11.38
		For Installation With Adhesive, Deduct	*-14.80*	
		For Polished Finish, Add	*47.84*	
10 14 19 00-0284	EA	10" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	254.97	12.80
		For Installation With Adhesive, Deduct	*-17.87*	
		For Polished Finish, Add	*61.13*	
10 14 19 00-0285	EA	12" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	316.10	14.79
		For Installation With Adhesive, Deduct	*-21.73*	
		For Polished Finish, Add	*77.07*	
10 14 19 00-0286	EA	14" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	381.31	17.08
		For Installation With Adhesive, Deduct	*-25.90*	
		For Polished Finish, Add	*93.90*	
10 14 19 00-0287	EA	16" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	456.98	20.49
		For Installation With Adhesive, Deduct	*-31.05*	
		For Polished Finish, Add	*112.51*	
10 14 19 00-0288	EA	18" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	544.56	22.76
		For Installation With Adhesive, Deduct	*-36.34*	
		For Polished Finish, Add	*136.05*	
10 14 19 00-0289	EA	20" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	640.03	25.61
		For Installation With Adhesive, Deduct	*-42.25*	
		For Polished Finish, Add	*161.27*	
10 14 19 00-0290	EA	22" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	717.77	27.03
		For Installation With Adhesive, Deduct	*-46.70*	
		For Polished Finish, Add	*182.89*	
10 14 19 00-0291	EA	24" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	828.37	28.46
		For Installation With Adhesive, Deduct	*-52.80*	
		For Polished Finish, Add	*214.36*	
10 14 19 00-0292	EA	30" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	1,151.70	34.15
		For Installation With Adhesive, Deduct	*-71.25*	
		For Polished Finish, Add	*304.53*	

10 14 23 Panel Signage *(10 14)*

10 14 23 11 Panel Signage *(10 14 23)*

10 14 23 11-0001 Indoor/Outdoor Signs *(10 14 23 11)*

Note: Office number signs, conference room signs, restroom signs, stairway signs, fire extinguisher marker, ANSI/OSHA safety signs, entry/exit signs, etc.

10 14 23 11-0002 Surface Mount, Indoor/Outdoor Signs *(10 14 23 11-0001)*

10 14 23 11-0003 Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Signs *(10 14 23 11-0002)*

Note: Multi-color with words, symbols and graphics.

10 14 23 11-0004	EA	Up To 25 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	43.75	12.88
		For >25 To 50, Deduct	*-1.80*	
		For >50 To 100, Deduct	*-4.50*	
		For >100, Deduct	*-5.40*	
		For Clear Glass Mount, Add	*14.40*	
		For Glow-In-Dark, Add	*36.00*	
		For Reflective Finish, Add	*40.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 23 11-0005	EA	>25 To 50 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	56.61	12.88
		For >25 To 50, Deduct	*-3.09*	
		For >50 To 100, Deduct	*-7.72*	
		For >100, Deduct	*-9.26*	
		For Clear Glass Mount, Add	*24.69*	
		For Glow-In-Dark, Add	*61.72*	
		For Reflective Finish, Add	*69.44*	
10 14 23 11-0006	EA	>50 To 100 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	77.17	12.88
		For >25 To 50, Deduct	*-5.14*	
		For >50 To 100, Deduct	*-12.86*	
		For >100, Deduct	*-15.43*	
		For Clear Glass Mount, Add	*41.14*	
		For Glow-In-Dark, Add	*102.84*	
		For Reflective Finish, Add	*115.70*	
10 14 23 11-0007	EA	>100 To 250 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	102.89	12.88
		For >25 To 50, Deduct	*-7.71*	
		For >50 To 100, Deduct	*-19.29*	
		For >100, Deduct	*-23.14*	
		For Clear Glass Mount, Add	*61.71*	
		For Glow-In-Dark, Add	*154.28*	
		For Reflective Finish, Add	*173.57*	
10 14 23 11-0008	EA	>250 To 500 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	149.17	12.88
		For >25 To 50, Deduct	*-12.34*	
		For >50 To 100, Deduct	*-30.86*	
		For >100, Deduct	*-37.03*	
		For Clear Glass Mount, Add	*98.74*	
		For Glow-In-Dark, Add	*246.84*	
		For Reflective Finish, Add	*277.70*	
10 14 23 11-0009	EA	>500 To 750 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	231.45	12.88
		For >25 To 50, Deduct	*-20.57*	
		For >50 To 100, Deduct	*-51.43*	
		For >100, Deduct	*-61.71*	
		For Clear Glass Mount, Add	*164.56*	
		For Glow-In-Dark, Add	*411.40*	
		For Reflective Finish, Add	*462.83*	
10 14 23 11-0010	EA	>750 To 1,000 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	334.30	12.88
		For >25 To 50, Deduct	*-30.86*	
		For >50 To 100, Deduct	*-77.14*	
		For >100, Deduct	*-92.57*	
		For Clear Glass Mount, Add	*246.84*	
		For Glow-In-Dark, Add	*617.10*	
		For Reflective Finish, Add	*694.24*	
10 14 23 11-0011	SI	>1,000 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	0.37	0.01
		For Clear Glass Mount, Add	*0.27*	
		For Glow-In-Dark, Add	*0.68*	
		For Reflective Finish, Add	*0.77*	

10 14 23 11-0012 Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Signs

(10 14 23 11-0002)

Note: Multi-color with words, symbols and graphics. Includes adhesive or fasteners for mounting.

10 14 23 11-0013	EA	Up To 25 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	48.89	12.88
		For >25 To 50, Deduct	*-2.31*	
		For >50 To 100, Deduct	*-5.79*	
		For >100, Deduct	*-6.94*	
		For Glow-In-Dark, Add	*46.28*	
		For Reflective Finish, Add	*49.75*	
10 14 23 11-0014	EA	>25 To 50 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	61.75	12.88
		For >25 To 50, Deduct	*-3.60*	
		For >50 To 100, Deduct	*-9.00*	
		For >100, Deduct	*-10.80*	
		For Glow-In-Dark, Add	*72.00*	
		For Reflective Finish, Add	*77.40*	
10 14 23 11-0015	EA	>50 To 100 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	87.46	12.88
		For >25 To 50, Deduct	*-6.17*	
		For >50 To 100, Deduct	*-15.43*	
		For >100, Deduct	*-18.51*	
		For Glow-In-Dark, Add	*123.42*	
		For Reflective Finish, Add	*132.68*	
10 14 23 11-0016	EA	>100 To 250 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	113.17	12.88
		For >25 To 50, Deduct	*-8.74*	
		For >50 To 100, Deduct	*-21.86*	
		For >100, Deduct	*-26.23*	
		For Glow-In-Dark, Add	*174.84*	
		For Reflective Finish, Add	*187.95*	
10 14 23 11-0017	EA	>250 To 500 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	151.74	12.88
		For >25 To 50, Deduct	*-12.60*	
		For >50 To 100, Deduct	*-31.50*	
		For >100, Deduct	*-37.80*	
		For Glow-In-Dark, Add	*251.98*	
		For Reflective Finish, Add	*270.88*	
10 14 23 11-0018	EA	>500 To 750 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	190.31	12.88
		For >25 To 50, Deduct	*-16.46*	
		For >50 To 100, Deduct	*-41.14*	
		For >100, Deduct	*-49.37*	
		For Glow-In-Dark, Add	*329.12*	
		For Reflective Finish, Add	*353.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 23 11-0019	EA	>750 To 1,000 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	231.45	12.88
		For >25 To 50, Deduct	*-20.57*	
		For >50 To 100, Deduct	*-51.43*	
		For >100, Deduct	*-61.71*	
		For Glow-In-Dark, Add	*411.40*	
		For Reflective Finish, Add	*442.26*	
10 14 23 11-0020	SI	>1,000 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	0.26	0.01
		For Glow-In-Dark, Add	*0.46*	
		For Reflective Finish, Add	*0.49*	

10 14 23 11-0021 Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille *(10 14 23 11-0002)*

Note: Multi-color with words, symbols and graphics. Includes adhesive or fasteners for mounting. Excludes frame.

10 14 23 11-0022	EA	Up To 25 SI, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille	87.46	12.88
		For >25 To 50, Deduct	*-6.17*	
		For >50 To 100, Deduct	*-15.43*	
		For >100, Deduct	*-18.51*	
		For Molded Plastic Frame, Add	*15.00*	
		For Brushed Metal Finish/Faux Metal Finish, Add	*23.00*	
		For 2" Height Slider Channel For Custom Inserts, Add	*35.00*	
10 14 23 11-0023	EA	>25 To 50 SI, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille	102.89	12.88
		For >25 To 50, Deduct	*-7.71*	
		For >50 To 100, Deduct	*-19.29*	
		For >100, Deduct	*-23.14*	
		For Molded Plastic Frame, Add	*17.00*	
		For Brushed Metal Finish/Faux Metal Finish, Add	*28.00*	
		For 2" Height Slider Channel For Custom Inserts, Add	*35.00*	
10 14 23 11-0024	EA	>50 To 75 SI, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille	128.60	12.88
		For >25 To 50, Deduct	*-10.29*	
		For >50 To 100, Deduct	*-25.71*	
		For >100, Deduct	*-30.86*	
		For Molded Plastic Frame, Add	*19.00*	
		For Brushed Metal Finish/Faux Metal Finish, Add	*31.00*	
10 14 23 11-0025	EA	>75 To 100 SI, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille	152.77	12.88
		For >25 To 50, Deduct	*-12.70*	
		For >50 To 100, Deduct	*-31.76*	
		For >100, Deduct	*-38.11*	
		For Molded Plastic Frame, Add	*21.00*	
		For Brushed Metal Finish/Faux Metal Finish, Add	*35.00*	
10 14 23 11-0026	SI	>100 SI, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille	1.70	0.13
		For Molded Plastic Frame, Add	*0.20*	
		For Brushed Metal Finish/Faux Metal Finish, Add	*0.31*	

10 14 23 11-0027 Engraved Steel, Surface Mount, Indoor/Outdoor Signs *(10 14 23 11-0002)*

Note: Multi-color with words, symbols and graphics. Includes adhesive or fasteners for mounting. Excludes frame.

10 14 23 11-0028	EA	Up To 25 SI, Engraved Steel, Surface Mount, Indoor/Outdoor Sign	61.52	12.88
		For >25 To 50, Deduct	*-3.58*	
		For >50 To 100, Deduct	*-8.94*	
		For >100, Deduct	*-10.73*	
		For Molded Plastic Frame, Add	*15.00*	
10 14 23 11-0029	EA	>25 To 50 SI, Engraved Steel, Surface Mount, Indoor/Outdoor Sign	72.81	12.88
		For >25 To 50, Deduct	*-4.71*	
		For >50 To 100, Deduct	*-11.77*	
		For >100, Deduct	*-14.12*	
		For Molded Plastic Frame, Add	*17.00*	
10 14 23 11-0030	EA	>50 To 75 SI, Engraved Steel, Surface Mount, Indoor/Outdoor Sign	87.87	12.88
		For >25 To 50, Deduct	*-6.21*	
		For >50 To 100, Deduct	*-15.53*	
		For >100, Deduct	*-18.64*	
		For Molded Plastic Frame, Add	*19.00*	
10 14 23 11-0031	EA	>75 To 100 SI, Engraved Steel, Surface Mount, Indoor/Outdoor Sign	117.99	12.88
		For >25 To 50, Deduct	*-9.22*	
		For >50 To 100, Deduct	*-23.06*	
		For >100, Deduct	*-27.67*	
		For Molded Plastic Frame, Add	*21.00*	
10 14 23 11-0032	SI	>100 SI, Engraved Steel, Surface Mount, Indoor/Outdoor Sign	1.18	0.13
		For Molded Plastic Frame, Add	*0.20*	

10 14 23 11-0033 Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Signs *(10 14 23 11-0002)*

Note: Multi-color with words, symbols and graphics. Includes adhesive or fasteners for mounting.

10 14 23 11-0034	EA	Up To 25 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	33.28	12.88
		For >25 To 50, Deduct	*-0.75*	
		For >50 To 100, Deduct	*-1.88*	
		For >100, Deduct	*-2.26*	
		For Glow-In-Dark, Add	*4.52*	
		For Reflective Finish, Add	*5.65*	
10 14 23 11-0035	EA	>25 To 50 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	38.93	12.88
		For >25 To 50, Deduct	*-1.32*	
		For >50 To 100, Deduct	*-3.30*	
		For >100, Deduct	*-3.95*	
		For Glow-In-Dark, Add	*7.91*	
		For Reflective Finish, Add	*9.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 23 11-0036	EA	>50 To 100 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	50.22	12.88
		For >25 To 50, Deduct	*-2.45*	
		For >50 To 100, Deduct	*-6.12*	
		For >100, Deduct	*-7.34*	
		For Glow-In-Dark, Add	*14.68*	
		For Reflective Finish, Add	*18.35*	
10 14 23 11-0037	EA	>100 To 250 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	63.40	12.88
		For >25 To 50, Deduct	*-3.77*	
		For >50 To 100, Deduct	*-9.41*	
		For >100, Deduct	*-11.30*	
		For Glow-In-Dark, Add	*22.59*	
		For Reflective Finish, Add	*28.24*	
10 14 23 11-0038	EA	>250 To 500 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	102.93	12.88
		For >25 To 50, Deduct	*-7.72*	
		For >50 To 100, Deduct	*-19.30*	
		For >100, Deduct	*-23.15*	
		For Glow-In-Dark, Add	*46.31*	
		For Reflective Finish, Add	*57.89*	
10 14 23 11-0039	EA	>500 To 750 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	119.87	12.88
		For >25 To 50, Deduct	*-9.41*	
		For >50 To 100, Deduct	*-23.53*	
		For >100, Deduct	*-28.24*	
		For Glow-In-Dark, Add	*56.47*	
		For Reflective Finish, Add	*70.59*	
10 14 23 11-0040	EA	>750 To 1,000 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	142.47	12.88
		For >25 To 50, Deduct	*-11.67*	
		For >50 To 100, Deduct	*-29.18*	
		For >100, Deduct	*-35.02*	
		For Glow-In-Dark, Add	*70.03*	
		For Reflective Finish, Add	*87.54*	
10 14 23 11-0041	SI	>1,000 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	0.16	0.01
		For Glow-In-Dark, Add	*0.08*	
		For Reflective Finish, Add	*0.10*	

10 14 23 11-0042 California Title 24, Surface Mount, Signs *(10 14 23 11-0002)*

10 14 23 11-0043 California Title 24, Surface Mount, Geometric Restroom Signs *(10 14 23 11-0042)*

Note: Includes 1/4" thick acrylic or PVC construction, color that contrasts with the door color, and with or without the international symbol of accessibility and staff only designation.

10 14 23 11-0044	EA	1/4" Thick, Equilateral Triangle With 12" Long Edges, California Title 24, Surface Mount, Geometric Male Restroom Sign	94.93	12.88
		For >25 To 50, Deduct	*-6.92*	
		For >50 To 100, Deduct	*-10.38*	
		For >100, Deduct	*-11.76*	
10 14 23 11-0045	EA	1/4" Thick, 12" Diameter, California Title 24, Surface Mount, Geometric Female Restroom Sign	94.93	12.88
		For >25 To 50, Deduct	*-6.92*	
		For >50 To 100, Deduct	*-10.38*	
		For >100, Deduct	*-11.76*	
10 14 23 11-0046	EA	1/4" Thick, 12" Diameter, California Title 24, Surface Mount, Geometric Unisex Restroom Sign Note: Includes contrasting color equilateral triangle with 12" long edges superimposed on the circle.	122.60	12.88
		For >25 To 50, Deduct	*-9.69*	
		For >50 To 100, Deduct	*-14.53*	
		For >100, Deduct	*-16.46*	

10 14 23 11-0047 California Title 24, Surface Mount, Stairwell Signs *(10 14 23 11-0042)*

Note: Includes 1/16" matte finish colored polymer face plate with 1/16" acrylic backer. Includes information on stairway location, roof access availability, floor level number, basement or mezzanine level identification and exit level and direction.

10 14 23 11-0048	EA	1/8" Thick, 12" x 18", California Title 24, Surface Mount, Stairwell Sign	181.90	12.88
		For >25 To 50, Deduct	*-15.62*	
		For >50 To 100, Deduct	*-23.42*	
		For >100, Deduct	*-26.55*	

10 14 23 11-0049 Ceiling Mount, Indoor/Outdoor Signs *(10 14 23 11-0001)*

10 14 23 11-0050 Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Signs *(10 14 23 11-0049)*

10 14 23 11-0051	EA	Up To 25 SI, Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Sign	46.40	18.02
		For >25 To 50, Deduct	*-1.04*	
		For >50 To 100, Deduct	*-2.59*	
		For >100, Deduct	*-3.11*	
		For Glow-In-Dark, Add	*6.21*	
		For Reflective Finish, Add	*7.76*	
10 14 23 11-0052	EA	>25 To 50 SI, Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Sign	54.87	18.02
		For >25 To 50, Deduct	*-1.88*	
		For >50 To 100, Deduct	*-4.71*	
		For >100, Deduct	*-5.65*	
		For Glow-In-Dark, Add	*11.29*	
		For Reflective Finish, Add	*14.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 23 11-0053	EA	>50 To 100 SI, Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Sign	66.17	18.02
		For >25 To 50, Deduct	*-3.01*	
		For >50 To 100, Deduct	*-7.53*	
		For >100, Deduct	*-9.04*	
		For Glow-In-Dark, Add	*18.07*	
		For Reflective Finish, Add	*22.59*	
10 14 23 11-0054	EA	>100 To 150 SI, Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Sign	83.11	18.02
		For >25 To 50, Deduct	*-4.71*	
		For >50 To 100, Deduct	*-11.77*	
		For >100, Deduct	*-14.12*	
		For Glow-In-Dark, Add	*28.24*	
		For Reflective Finish, Add	*35.30*	
10 14 23 11-0055		90 Degree, Projection Mount, Indoor/Outdoor Signs *(10 14 23 11-0001)*		
10 14 23 11-0056		Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Signs *(10 14 23 11-0055)*		
10 14 23 11-0057	EA	Up To 25 SI, Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Sign	47.35	18.02
		For >25 To 50, Deduct	*-1.13*	
		For >50 To 100, Deduct	*-2.83*	
		For >100, Deduct	*-3.39*	
		For Glow-In-Dark, Add	*6.78*	
		For Reflective Finish, Add	*8.48*	
10 14 23 11-0058	EA	>25 To 50 SI, Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Sign	56.76	18.02
		For >25 To 50, Deduct	*-2.07*	
		For >50 To 100, Deduct	*-5.18*	
		For >100, Deduct	*-6.21*	
		For Glow-In-Dark, Add	*12.43*	
		For Reflective Finish, Add	*15.53*	
10 14 23 11-0059	EA	>50 To 100 SI, Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Sign	77.47	18.02
		For >25 To 50, Deduct	*-4.14*	
		For >50 To 100, Deduct	*-10.36*	
		For >100, Deduct	*-12.43*	
		For Glow-In-Dark, Add	*24.85*	
		For Reflective Finish, Add	*31.07*	
10 14 23 11-0060	EA	>100 To 150 SI, Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Sign	84.99	18.02
		For >25 To 50, Deduct	*-4.89*	
		For >50 To 100, Deduct	*-12.24*	
		For >100, Deduct	*-14.68*	
		For Glow-In-Dark, Add	*29.36*	
		For Reflective Finish, Add	*36.71*	
10 14 23 11-0061		Triangle, Projection Mount, Indoor/Outdoor Signs *(10 14 23 11-0001)*		
10 14 23 11-0062		Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Signs *(10 14 23 11-0061)*		
10 14 23 11-0063	EA	Up To 25 SI, Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Sign	50.17	18.02
		For >25 To 50, Deduct	*-1.41*	
		For >50 To 100, Deduct	*-3.53*	
		For >100, Deduct	*-4.24*	
		For Glow-In-Dark, Add	*8.47*	
		For Reflective Finish, Add	*10.59*	
10 14 23 11-0064	EA	>25 To 50 SI, Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Sign	64.29	18.02
		For >25 To 50, Deduct	*-2.82*	
		For >50 To 100, Deduct	*-7.06*	
		For >100, Deduct	*-8.47*	
		For Glow-In-Dark, Add	*16.94*	
		For Reflective Finish, Add	*21.18*	
10 14 23 11-0065	EA	>50 To 100 SI, Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Sign	69.93	18.02
		For >25 To 50, Deduct	*-3.39*	
		For >50 To 100, Deduct	*-8.47*	
		For >100, Deduct	*-10.16*	
		For Glow-In-Dark, Add	*20.33*	
		For Reflective Finish, Add	*25.41*	
10 14 23 11-0066	EA	>100 To 150 SI, Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Sign	77.47	18.02
		For >25 To 50, Deduct	*-4.14*	
		For >50 To 100, Deduct	*-10.36*	
		For >100, Deduct	*-12.43*	
		For Glow-In-Dark, Add	*24.85*	
		For Reflective Finish, Add	*31.07*	
10 14 23 11-0067		Adhesive Backed Vinyl Characters *(10 14 23 11)* Note: Includes capital or lower case letters in any font or color. Includes numbers, symbols, punctuation marks, etc. Includes adhesive.		
10 14 23 11-0068	EA	1/2" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	3.38	1.03
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*0.58*	
10 14 23 11-0069	EA	3/4" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	3.50	1.18
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*0.61*	
10 14 23 11-0070	EA	1" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	3.62	1.34
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*0.64*	
10 14 23 11-0071	EA	1-1/2" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	4.84	1.54
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*0.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 23 11-0072	EA	2" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	5.01	1.81
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*0.85*	
10 14 23 11-0073	EA	3" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	7.10	2.06
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*1.24*	
10 14 23 11-0074	EA	4" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	7.60	2.32
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*1.36*	
10 14 23 11-0075	EA	6" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	10.19	2.58
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*1.88*	
10 14 23 11-0076	EA	8" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	12.23	2.83
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*2.39*	
10 14 23 11-0077	EA	10" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	15.66	3.09
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*3.11*	
10 14 23 11-0078		**Standoffs For Wall Signage** *(10 14 23 11)*		
		Note: Excludes signage		
10 14 23 11-0079	EA	1/2" Diameter x 1/2" Long, Stainless Steel Standoff	16.04	5.70
10 14 23 11-0080	EA	1/2" Diameter x 3/4" Long, Stainless Steel Standoff	16.64	5.70
10 14 23 11-0081	EA	1/2" Diameter x 1" Long, Stainless Steel Standoff	16.79	5.70
10 14 23 11-0082	EA	5/8" Diameter x 1/2" Long, Stainless Steel Standoff	17.67	5.70
10 14 23 11-0083	EA	5/8" Diameter x 3/4" Long, Stainless Steel Standoff	18.27	5.70
10 14 23 11-0084	EA	5/8" Diameter x 1" Long, Stainless Steel Standoff	19.47	5.70
10 14 23 11-0085	EA	3/4" Diameter x 3/4" Long, Stainless Steel Standoff	19.13	6.83
10 14 23 11-0086	EA	3/4" Diameter x 1" Long, Stainless Steel Standoff	20.79	6.83
10 14 23 11-0087	EA	3/4" Diameter x 1-1/2" Long, Stainless Steel Standoff	22.14	6.83
10 14 23 11-0088	EA	1" Diameter x 3/4" Long, Stainless Steel Standoff	23.28	6.83
10 14 23 11-0089	EA	1" Diameter x 1" Long, Stainless Steel Standoff	25.23	6.83
10 14 23 11-0090	EA	1" Diameter x 1-1/2" Long, Stainless Steel Standoff	27.64	6.83
10 14 23 11-0091	EA	5/8" Diameter x 3/4" Long, Clear Anodized Aluminum Standoff	18.12	5.70
10 14 23 11-0092	EA	5/8" Diameter x 1" Long, Clear Anodized Aluminum Standoff	18.57	5.70
10 14 23 11-0093	EA	3/4" Diameter x 3/4" Long, Clear Anodized Aluminum Standoff	20.49	6.83
10 14 23 11-0094	EA	3/4" Diameter x 1" Long, Clear Anodized Aluminum Standoff	20.94	6.83
10 14 23 11-0095	EA	1" Diameter x 3/4" Long, Clear Anodized Aluminum Standoff	22.68	6.83
10 14 23 11-0096	EA	1" Diameter x 1" Long, Clear Anodized Aluminum Standoff	22.98	6.83
10 14 23 11-0097		**Removal And Reinstallation Of Building Signage** *(10 14 23 11)*		
		Note: Includes storage and cleaning.		
10 14 23 11-0098	EA	Removal And Reinstallation Of Building Signage, Exterior Up To 4 SF	199.29	
10 14 23 11-0099	EA	Removal And Reinstallation Of Building Signage, Exterior >4 To 12 SF	229.10	
10 14 23 11-0100	EA	Removal And Reinstallation Of Building Signage, >12 To 20 SF	257.57	
10 14 23 11-0101	EA	Removal And Reinstallation Of Interior Door And Office Signage, Up To 4SF	77.25	
10 14 23 11-0102		**Building Sign** *(10 14 23 11)*		
		Note: Includes 4" numbers painted on sign. Installed on building.		
10 14 23 11-0103	EA	6" x 18" Metal Building Sign With Numbers	202.72	30.90
10 14 23 11-0104	SF	Double Sided, Molding On Two Sides, For Mounting On Aluminum Posts	47.61	7.97
10 14 23 11-0105	SF	Single Sided, Molding On One Side, For Mounting On Structure Up To 20'	35.77	7.40
10 14 23 11-0106	EA	Aluminum Posts, Formed Prefinished, Ribbed, 4" Square, 6' High, 3' Deep	34.44	6.26
10 14 23 11-0107	EA	Aluminum Posts, Formed Prefinished, Ribbed, 4" Square, 8' High, 3' Deep	40.07	6.84
10 14 23 11-0108	EA	Aluminum Posts, Formed Prefinished, Ribbed, 6" Square, 10' High, 3' Deep	44.02	7.40
10 14 23 11-0109	EA	Aluminum Posts, Formed Prefinished, Ribbed, 6" Square, 15' High, 4' Deep	52.48	7.97
10 14 23 11-0110		**Custom Signage** *(10 14 23 11)*		
10 14 23 11-0111	EA	4' Wide x 4' High x 3" Thick, Aluminum Cabinet, Brushed Satin Finish, Wall Signs (Non-Illuminated) With Wording (A.1 to A.4)	4,403.51	
10 14 23 11-0112	EA	6' Wide x 1' High x 2" Thick, Single Face, Aluminum Cabinet, Brushed Satin Finish, Hanging Signs (Non-Illuminated) With wording (B.1 to B.3)	2,701.84	
10 14 23 11-0113	EA	3'-4" Wide x 2'-3" High, Surface Applied, Vinyl Window Sign With Wording (Sign A)	346.20	
10 14 23 11-0114	EA	4'-1" Wide x 2'-3" High, Surface Applied, Vinyl Window Sign With Wording (Sign B)	348.23	
10 14 23 11-0115	EA	3'-1" Wide x 3'-1" High, Surface Applied, Vinyl Window Sign With Wording (Sign C)	348.23	
10 14 23 11-0116	EA	2'-10" Wide x 1'-6" High, Surface Applied, Vinyl Window Sign With Wording (Sign D1)	342.20	
10 14 23 11-0117	EA	2'-10" Wide x 5" High, Surface Applied, Vinyl Window Sign With Wording (Sign D2)	338.18	
10 14 23 11-0118	EA	8' Wide x 8' High, Surface Applied, Vinyl Graphic With Wording (D)	2,584.09	
10 14 53		**Traffic Signage** *(10 14)*		
10 14 53 11		**Traffic Signage** *(10 14 53)*		
10 14 53 11-0001		Traffic Signs *(10 14 53 11)*		
10 14 53 11-0002		Reflectorized Stop Signs And Other Traffic Signs *(10 14 53 11-0001)*		
		Note: Excludes posts.		
10 14 53 11-0003		Aluminum Engineer Grade Stop Signs *(10 14 53 11-0002)*		
10 14 53 11-0004	EA	18" x 18" Aluminum Engineer Grade Stop Sign	88.69	23.18
		For Hi-Intensity Grade, Add	*12.70*	
		For Diamond Grade, Add	*24.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 53 11-0005	EA	18" x 24" Aluminum Engineer Grade Stop Sign	104.30	24.51
		For Hi-Intensity Grade, Add	*16.61*	
		For Diamond Grade, Add	*31.56*	
10 14 53 11-0006	EA	24" x 24" Aluminum Engineer Grade Stop Sign	113.39	25.75
		For Hi-Intensity Grade, Add	*25.37*	
		For Diamond Grade, Add	*40.22*	
10 14 53 11-0007	EA	30" x 30" Aluminum Engineer Grade Stop Sign	133.33	27.09
		For Hi-Intensity Grade, Add	*9.51*	
		For Diamond Grade, Add	*51.51*	
10 14 53 11-0008	EA	36" x 36" Aluminum Engineer Grade Stop Sign	183.66	28.33
		For Hi-Intensity Grade, Add	*27.94*	
		For Diamond Grade, Add	*87.64*	

10 14 53 11-0009 Steel Engineer Grade Stop Signs *(10 14 53 11-0002)*

10 14 53 11-0010	EA	18" x 18" Reflective Steel Stop Sign, Engineering Grade	136.14	23.18
10 14 53 11-0011	EA	18" x 24" Reflective Steel Stop Sign, Engineering Grade	171.25	24.51
10 14 53 11-0012	EA	24" x 24" Reflective Steel Stop Sign, Engineering Grade	181.76	25.75
10 14 53 11-0013	EA	30" x 30" Reflective Steel Stop Sign, Engineering Grade	261.29	27.09
10 14 53 11-0014	EA	36" x 36" Reflective Steel Stop Sign, Engineering Grade	332.96	28.33

10 14 53 11-0015 Polyethylene Engineer Grade Stop Signs *(10 14 53 11-0002)*

10 14 53 11-0016	EA	18" x 18" Reflective Polyethylene Stop Sign, Engineering Grade	139.47	23.18
10 14 53 11-0017	EA	18" x 24" Reflective Polyethylene Stop Sign, Engineering Grade	179.77	24.51
10 14 53 11-0018	EA	24" x 24" Reflective Polyethylene Stop Sign, Engineering Grade	198.54	25.75
10 14 53 11-0019	EA	30" x 30" Reflective Polyethylene Stop Sign, Engineering Grade	262.06	27.09

10 14 53 11-0020 Other Reflectorized Traffic Signs *(10 14 53 11-0002)*

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

10 14 53 11-0021 Aluminum Engineer Grade Traffic Signs *(10 14 53 11-0020)*

10 14 53 11-0022	EA	6" x 12" Aluminum Engineer Grade Traffic Sign	51.70	20.60
		For Hi-Intensity Grade, Add	*3.15*	
		For Diamond Grade, Add	*5.98*	
10 14 53 11-0023	EA	6" x 18" Aluminum Engineer Grade Traffic Sign	56.94	20.60
		For Hi-Intensity Grade, Add	*4.72*	
		For Diamond Grade, Add	*8.97*	
10 14 53 11-0024	EA	9" x 12" Aluminum Engineer Grade Traffic Sign	56.94	20.60
		For Hi-Intensity Grade, Add	*4.72*	
		For Diamond Grade, Add	*8.97*	
10 14 53 11-0025	EA	9" x 15" Aluminum Engineer Grade Traffic Sign	60.87	20.60
		For Hi-Intensity Grade, Add	*5.90*	
		For Diamond Grade, Add	*11.21*	
10 14 53 11-0026	EA	9" x 18" Aluminum Engineer Grade Traffic Sign	64.81	20.60
		For Hi-Intensity Grade, Add	*7.08*	
		For Diamond Grade, Add	*13.45*	
10 14 53 11-0027	EA	9" x 24" Aluminum Engineer Grade Traffic Sign	75.23	21.89
		For Hi-Intensity Grade, Add	*9.44*	
		For Diamond Grade, Add	*17.93*	
10 14 53 11-0028	EA	9" x 48" Aluminum Engineer Grade Traffic Sign	106.70	21.89
		For Hi-Intensity Grade, Add	*18.88*	
		For Diamond Grade, Add	*35.87*	
10 14 53 11-0029	EA	12" x 12" Aluminum Engineer Grade Traffic Sign	62.19	20.60
		For Hi-Intensity Grade, Add	*6.29*	
		For Diamond Grade, Add	*11.96*	
10 14 53 11-0030	EA	12" x 18" Aluminum Engineer Grade Traffic Sign	75.23	21.89
		For Hi-Intensity Grade, Add	*9.44*	
		For Diamond Grade, Add	*17.93*	
10 14 53 11-0031	EA	12" x 24" Aluminum Engineer Grade Traffic Sign	85.72	21.89
		For Hi-Intensity Grade, Add	*12.59*	
		For Diamond Grade, Add	*23.91*	
10 14 53 11-0032	EA	12" x 30" Aluminum Engineer Grade Traffic Sign	96.21	21.89
		For Hi-Intensity Grade, Add	*15.73*	
		For Diamond Grade, Add	*29.89*	
10 14 53 11-0033	EA	12" x 36" Aluminum Engineer Grade Traffic Sign	106.70	21.89
		For Hi-Intensity Grade, Add	*18.88*	
		For Diamond Grade, Add	*35.87*	
10 14 53 11-0034	EA	18" x 18" Aluminum Engineer Grade Traffic Sign	90.97	21.89
		For Hi-Intensity Grade, Add	*14.16*	
		For Diamond Grade, Add	*26.90*	
10 14 53 11-0035	EA	18" x 24" Aluminum Engineer Grade Traffic Sign	106.70	21.89
		For Hi-Intensity Grade, Add	*18.88*	
		For Diamond Grade, Add	*35.87*	
10 14 53 11-0036	EA	18" x 30" Aluminum Engineer Grade Traffic Sign	125.01	23.18
		For Hi-Intensity Grade, Add	*23.60*	
		For Diamond Grade, Add	*44.84*	
10 14 53 11-0037	EA	18" x 36" Aluminum Engineer Grade Traffic Sign	140.74	23.18
		For Hi-Intensity Grade, Add	*28.32*	
		For Diamond Grade, Add	*53.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 53 11-0038	EA	18" x 48" Aluminum Engineer Grade Traffic Sign	182.51	28.33
		For Hi-Intensity Grade, Add	*37.76*	
		For Diamond Grade, Add	*71.74*	
10 14 53 11-0039	EA	18" x 54" Aluminum Engineer Grade Traffic Sign	198.24	28.33
		For Hi-Intensity Grade, Add	*42.48*	
		For Diamond Grade, Add	*80.71*	
10 14 53 11-0040	EA	24" x 24" Aluminum Engineer Grade Traffic Sign	130.25	23.18
		For Hi-Intensity Grade, Add	*25.17*	
		For Diamond Grade, Add	*47.82*	
10 14 53 11-0041	EA	24" x 30" Aluminum Engineer Grade Traffic Sign	151.23	23.18
		For Hi-Intensity Grade, Add	*31.46*	
		For Diamond Grade, Add	*59.78*	
10 14 53 11-0042	EA	24" x 36" Aluminum Engineer Grade Traffic Sign	172.21	23.18
		For Hi-Intensity Grade, Add	*37.76*	
		For Diamond Grade, Add	*71.74*	
10 14 53 11-0043	EA	24" x 42" Aluminum Engineer Grade Traffic Sign	203.48	28.33
		For Hi-Intensity Grade, Add	*44.05*	
		For Diamond Grade, Add	*83.69*	
10 14 53 11-0044	EA	24" x 48" Aluminum Engineer Grade Traffic Sign	224.46	28.33
		For Hi-Intensity Grade, Add	*50.34*	
		For Diamond Grade, Add	*95.65*	
10 14 53 11-0045	EA	24" x 54" Aluminum Engineer Grade Traffic Sign	245.43	28.33
		For Hi-Intensity Grade, Add	*56.63*	
		For Diamond Grade, Add	*107.60*	
10 14 53 11-0046	EA	24" x 60" Aluminum Engineer Grade Traffic Sign	266.41	28.33
		For Hi-Intensity Grade, Add	*62.93*	
		For Diamond Grade, Add	*119.56*	
10 14 53 11-0047	EA	30" x 30" Aluminum Engineer Grade Traffic Sign	177.45	23.18
		For Hi-Intensity Grade, Add	*39.33*	
		For Diamond Grade, Add	*74.73*	
10 14 53 11-0048	EA	30" x 36" Aluminum Engineer Grade Traffic Sign	213.97	28.33
		For Hi-Intensity Grade, Add	*47.20*	
		For Diamond Grade, Add	*89.67*	
10 14 53 11-0049	EA	30" x 42" Aluminum Engineer Grade Traffic Sign	240.19	28.33
		For Hi-Intensity Grade, Add	*55.06*	
		For Diamond Grade, Add	*104.62*	
10 14 53 11-0050	EA	30" x 48" Aluminum Engineer Grade Traffic Sign	276.71	33.47
		For Hi-Intensity Grade, Add	*62.93*	
		For Diamond Grade, Add	*119.56*	
10 14 53 11-0051	EA	30" x 60" Aluminum Engineer Grade Traffic Sign	339.46	38.63
		For Hi-Intensity Grade, Add	*78.66*	
		For Diamond Grade, Add	*149.45*	
10 14 53 11-0052	EA	36" x 36" Aluminum Engineer Grade Traffic Sign	245.43	28.33
		For Hi-Intensity Grade, Add	*56.63*	
		For Diamond Grade, Add	*107.60*	
10 14 53 11-0053	EA	36" x 42" Aluminum Engineer Grade Traffic Sign	287.20	33.47
		For Hi-Intensity Grade, Add	*66.08*	
		For Diamond Grade, Add	*125.54*	
10 14 53 11-0054	EA	36" x 48" Aluminum Engineer Grade Traffic Sign	328.97	38.63
		For Hi-Intensity Grade, Add	*75.51*	
		For Diamond Grade, Add	*143.47*	
10 14 53 11-0055	EA	36" x 54" Aluminum Engineer Grade Traffic Sign	360.44	38.63
		For Hi-Intensity Grade, Add	*84.95*	
		For Diamond Grade, Add	*161.41*	
10 14 53 11-0056	EA	36" x 60" Aluminum Engineer Grade Traffic Sign	402.20	43.77
		For Hi-Intensity Grade, Add	*94.39*	
		For Diamond Grade, Add	*179.34*	
10 14 53 11-0057	EA	36" x 73" Aluminum Engineer Grade Traffic Sign	480.67	48.93
		For Hi-Intensity Grade, Add	*114.84*	
		For Diamond Grade, Add	*218.20*	
10 14 53 11-0058	EA	36" x 78" Aluminum Engineer Grade Traffic Sign	506.89	48.93
		For Hi-Intensity Grade, Add	*122.71*	
		For Diamond Grade, Add	*233.15*	
10 14 53 11-0059	EA	36" x 108" Aluminum Engineer Grade Traffic Sign	679.66	56.65
		For Hi-Intensity Grade, Add	*169.91*	
		For Diamond Grade, Add	*322.82*	
10 14 53 11-0060	EA	42" x 42" Aluminum Engineer Grade Traffic Sign	334.22	38.63
		For Hi-Intensity Grade, Add	*77.09*	
		For Diamond Grade, Add	*146.47*	
10 14 53 11-0061	EA	48" x 48" Aluminum Engineer Grade Traffic Sign	423.18	43.77
		For Hi-Intensity Grade, Add	*100.69*	
		For Diamond Grade, Add	*191.30*	
10 14 53 11-0062	EA	48" x 54" Aluminum Engineer Grade Traffic Sign	475.43	48.93
		For Hi-Intensity Grade, Add	*113.27*	
		For Diamond Grade, Add	*215.21*	
10 14 53 11-0063	EA	48" x 60" Aluminum Engineer Grade Traffic Sign	517.38	48.93
		For Hi-Intensity Grade, Add	*125.86*	
		For Diamond Grade, Add	*239.13*	
10 14 53 11-0064	EA	48" x 66" Aluminum Engineer Grade Traffic Sign	574.78	56.65
		For Hi-Intensity Grade, Add	*138.44*	
		For Diamond Grade, Add	*263.04*	
10 14 53 11-0065	EA	48" x 72" Aluminum Engineer Grade Traffic Sign	616.73	56.65
		For Hi-Intensity Grade, Add	*151.03*	
		For Diamond Grade, Add	*286.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 53 11-0066	EA	48" x 84" Aluminum Engineer Grade Traffic Sign	710.94	61.81
		For Hi-Intensity Grade, Add	*176.20*	
		For Diamond Grade, Add	*334.78*	
10 14 53 11-0067	EA	48" x 96" Aluminum Engineer Grade Traffic Sign	794.84	61.81
		For Hi-Intensity Grade, Add	*201.37*	
		For Diamond Grade, Add	*382.60*	
10 14 53 11-0068	EA	48" x 102" Aluminum Engineer Grade Traffic Sign	836.79	61.81
		For Hi-Intensity Grade, Add	*213.95*	
		For Diamond Grade, Add	*406.51*	
10 14 53 11-0069	EA	48" x 108" Aluminum Engineer Grade Traffic Sign	883.89	64.38
		For Hi-Intensity Grade, Add	*226.54*	
		For Diamond Grade, Add	*430.42*	
10 14 53 11-0070	EA	60" x 72" Aluminum Engineer Grade Traffic Sign	752.89	61.81
		For Hi-Intensity Grade, Add	*188.78*	
		For Diamond Grade, Add	*358.69*	
10 14 53 11-0071	EA	72" x 144" Aluminum Engineer Grade Traffic Sign	1,675.08	82.40
		For Hi-Intensity Grade, Add	*453.08*	
		For Diamond Grade, Add	*860.85*	
10 14 53 11-0072	EA	78" x 96" Aluminum Engineer Grade Traffic Sign	1,219.51	64.38
		For Hi-Intensity Grade, Add	*327.23*	
		For Diamond Grade, Add	*621.73*	

10 14 53 11-0073 Polyethylene Engineer Grade Traffic Signs *(10 14 53 11-0020)*

10 14 53 11-0074	EA	6" x 12" Reflective Polyethylene Traffic Sign	96.84	19.37
10 14 53 11-0075	EA	12" x 12" Reflective Polyethylene Traffic Sign	110.67	20.60
10 14 53 11-0076	EA	12" x 18" Reflective Polyethylene Traffic Sign	118.54	21.94
10 14 53 11-0077	EA	18" x 18" Reflective Polyethylene Traffic Sign	144.41	23.18
10 14 53 11-0078	EA	18" x 24" Reflective Polyethylene Traffic Sign	179.77	24.51
10 14 53 11-0079	EA	24" x 24" Reflective Polyethylene Traffic Sign	202.84	24.51

10 14 53 11-0080 Non-Reflectorized Traffic Signs *(10 14 53 11-0001)*

Note: Includes reserved parking, handicap parking, visitor parking, no parking, tow away zones, etc. Excludes posts.

10 14 53 11-0081 Steel Non-Reflectorized Traffic Signs *(10 14 53 11-0080)*

10 14 53 11-0082	EA	6" x 12" Steel Non-Reflectorized Traffic Sign	49.67	20.60
10 14 53 11-0083	EA	6" x 18" Steel Non-Reflectorized Traffic Sign	53.90	20.60
10 14 53 11-0084	EA	9" x 12" Steel Non-Reflectorized Traffic Sign	53.90	20.60
10 14 53 11-0085	EA	9" x 15" Steel Non-Reflectorized Traffic Sign	57.07	20.60
10 14 53 11-0086	EA	9" x 18" Steel Non-Reflectorized Traffic Sign	60.24	20.60
10 14 53 11-0087	EA	9" x 24" Steel Non-Reflectorized Traffic Sign	69.14	21.89
10 14 53 11-0088	EA	9" x 48" Steel Non-Reflectorized Traffic Sign	94.52	21.89
10 14 53 11-0089	EA	12" x 12" Steel Non-Reflectorized Traffic Sign	58.13	20.60
10 14 53 11-0090	EA	12" x 18" Steel Non-Reflectorized Traffic Sign	69.14	21.89
10 14 53 11-0091	EA	12" x 24" Steel Non-Reflectorized Traffic Sign	77.60	21.89
10 14 53 11-0092	EA	12" x 30" Steel Non-Reflectorized Traffic Sign	86.06	21.89
10 14 53 11-0093	EA	12" x 36" Steel Non-Reflectorized Traffic Sign	94.52	21.89
10 14 53 11-0094	EA	18" x 18" Steel Non-Reflectorized Traffic Sign	81.83	21.89
10 14 53 11-0095	EA	18" x 24" Steel Non-Reflectorized Traffic Sign	94.52	21.89
10 14 53 11-0096	EA	18" x 30" Steel Non-Reflectorized Traffic Sign	109.78	23.18
10 14 53 11-0097	EA	18" x 36" Steel Non-Reflectorized Traffic Sign	122.47	23.18
10 14 53 11-0098	EA	18" x 48" Steel Non-Reflectorized Traffic Sign	158.14	28.33
10 14 53 11-0099	EA	18" x 54" Steel Non-Reflectorized Traffic Sign	170.83	28.33
10 14 53 11-0100	EA	24" x 24" Steel Non-Reflectorized Traffic Sign	114.01	23.18
10 14 53 11-0101	EA	24" x 30" Steel Non-Reflectorized Traffic Sign	130.93	23.18
10 14 53 11-0102	EA	24" x 36" Steel Non-Reflectorized Traffic Sign	147.84	23.18
10 14 53 11-0103	EA	24" x 42" Steel Non-Reflectorized Traffic Sign	175.06	28.33
10 14 53 11-0104	EA	24" x 48" Steel Non-Reflectorized Traffic Sign	191.97	28.33
10 14 53 11-0105	EA	24" x 54" Steel Non-Reflectorized Traffic Sign	208.89	28.33
10 14 53 11-0106	EA	24" x 60" Steel Non-Reflectorized Traffic Sign	225.80	28.33
10 14 53 11-0107	EA	30" x 30" Steel Non-Reflectorized Traffic Sign	152.07	23.18
10 14 53 11-0108	EA	30" x 36" Steel Non-Reflectorized Traffic Sign	183.52	28.33
10 14 53 11-0109	EA	30" x 42" Steel Non-Reflectorized Traffic Sign	204.66	28.33
10 14 53 11-0110	EA	30" x 48" Steel Non-Reflectorized Traffic Sign	236.10	33.47
10 14 53 11-0111	EA	30" x 60" Steel Non-Reflectorized Traffic Sign	288.70	38.63
10 14 53 11-0112	EA	36" x 36" Steel Non-Reflectorized Traffic Sign	208.89	28.33
10 14 53 11-0113	EA	36" x 42" Steel Non-Reflectorized Traffic Sign	244.56	33.47
10 14 53 11-0114	EA	36" x 48" Steel Non-Reflectorized Traffic Sign	280.25	38.63
10 14 53 11-0115	EA	36" x 54" Steel Non-Reflectorized Traffic Sign	305.62	38.63
10 14 53 11-0116	EA	36" x 60" Steel Non-Reflectorized Traffic Sign	341.29	43.77
10 14 53 11-0117	EA	36" x 73" Steel Non-Reflectorized Traffic Sign	406.57	48.93
10 14 53 11-0118	EA	36" x 78" Steel Non-Reflectorized Traffic Sign	427.71	48.93
10 14 53 11-0119	EA	36" x 108" Steel Non-Reflectorized Traffic Sign	570.03	56.65
10 14 53 11-0120	EA	42" x 42" Steel Non-Reflectorized Traffic Sign	284.47	38.63
10 14 53 11-0121	EA	48" x 48" Steel Non-Reflectorized Traffic Sign	358.21	43.77
10 14 53 11-0122	EA	48" x 54" Steel Non-Reflectorized Traffic Sign	402.34	48.93
10 14 53 11-0123	EA	48" x 60" Steel Non-Reflectorized Traffic Sign	436.17	48.93
10 14 53 11-0124	EA	48" x 66" Steel Non-Reflectorized Traffic Sign	485.45	56.65
10 14 53 11-0125	EA	48" x 72" Steel Non-Reflectorized Traffic Sign	519.28	56.65
10 14 53 11-0126	EA	48" x 84" Steel Non-Reflectorized Traffic Sign	597.24	61.81

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 53 11-0127	EA	48" x 96" Steel Non-Reflectorized Traffic Sign	664.91	61.81
10 14 53 11-0128	EA	48" x 102" Steel Non-Reflectorized Traffic Sign	698.74	61.81
10 14 53 11-0129	EA	48" x 108" Steel Non-Reflectorized Traffic Sign	737.72	64.38
10 14 53 11-0130	EA	60" x 72" Steel Non-Reflectorized Traffic Sign	631.07	61.81
10 14 53 11-0131	EA	72" x 144" Steel Non-Reflectorized Traffic Sign	1,382.72	82.40
10 14 53 11-0132	EA	78" x 96" Steel Non-Reflectorized Traffic Sign	1,008.36	64.38
10 14 53 11-0133		**Aluminum Non-Reflectorized Traffic Signs** *(10 14 53 11-0080)*		
10 14 53 11-0134	EA	6" x 12" Aluminum Non-Reflectorized Traffic Sign	50.01	20.60
10 14 53 11-0135	EA	6" x 18" Aluminum Non-Reflectorized Traffic Sign	54.41	20.60
10 14 53 11-0136	EA	9" x 12" Aluminum Non-Reflectorized Traffic Sign	54.41	20.60
10 14 53 11-0137	EA	9" x 15" Aluminum Non-Reflectorized Traffic Sign	57.71	20.60
10 14 53 11-0138	EA	9" x 18" Aluminum Non-Reflectorized Traffic Sign	61.02	20.60
10 14 53 11-0139	EA	9" x 24" Aluminum Non-Reflectorized Traffic Sign	70.18	21.89
10 14 53 11-0140	EA	9" x 48" Aluminum Non-Reflectorized Traffic Sign	96.58	21.89
10 14 53 11-0141	EA	12" x 12" Aluminum Non-Reflectorized Traffic Sign	58.81	20.60
10 14 53 11-0142	EA	12" x 18" Aluminum Non-Reflectorized Traffic Sign	70.18	21.89
10 14 53 11-0143	EA	12" x 24" Aluminum Non-Reflectorized Traffic Sign	78.98	21.89
10 14 53 11-0144	EA	12" x 30" Aluminum Non-Reflectorized Traffic Sign	87.78	21.89
10 14 53 11-0145	EA	12" x 36" Aluminum Non-Reflectorized Traffic Sign	96.58	21.89
10 14 53 11-0146	EA	18" x 18" Aluminum Non-Reflectorized Traffic Sign	83.38	21.89
10 14 53 11-0147	EA	18" x 24" Aluminum Non-Reflectorized Traffic Sign	96.58	21.89
10 14 53 11-0148	EA	18" x 30" Aluminum Non-Reflectorized Traffic Sign	112.37	23.18
10 14 53 11-0149	EA	18" x 36" Aluminum Non-Reflectorized Traffic Sign	125.57	23.18
10 14 53 11-0150	EA	18" x 48" Aluminum Non-Reflectorized Traffic Sign	162.28	28.33
10 14 53 11-0151	EA	18" x 54" Aluminum Non-Reflectorized Traffic Sign	175.48	28.33
10 14 53 11-0152	EA	24" x 24" Aluminum Non-Reflectorized Traffic Sign	116.77	23.18
10 14 53 11-0153	EA	24" x 30" Aluminum Non-Reflectorized Traffic Sign	134.37	23.18
10 14 53 11-0154	EA	24" x 36" Aluminum Non-Reflectorized Traffic Sign	151.98	23.18
10 14 53 11-0155	EA	24" x 42" Aluminum Non-Reflectorized Traffic Sign	179.88	28.33
10 14 53 11-0156	EA	24" x 48" Aluminum Non-Reflectorized Traffic Sign	197.49	28.33
10 14 53 11-0157	EA	24" x 54" Aluminum Non-Reflectorized Traffic Sign	215.09	28.33
10 14 53 11-0158	EA	24" x 60" Aluminum Non-Reflectorized Traffic Sign	232.70	28.33
10 14 53 11-0159	EA	30" x 30" Aluminum Non-Reflectorized Traffic Sign	156.38	23.18
10 14 53 11-0160	EA	30" x 36" Aluminum Non-Reflectorized Traffic Sign	188.69	28.33
10 14 53 11-0161	EA	30" x 42" Aluminum Non-Reflectorized Traffic Sign	210.69	28.33
10 14 53 11-0162	EA	30" x 48" Aluminum Non-Reflectorized Traffic Sign	243.00	33.47
10 14 53 11-0163	EA	30" x 60" Aluminum Non-Reflectorized Traffic Sign	297.32	38.63
10 14 53 11-0164	EA	36" x 36" Aluminum Non-Reflectorized Traffic Sign	215.09	28.33
10 14 53 11-0165	EA	36" x 42" Aluminum Non-Reflectorized Traffic Sign	251.80	33.47
10 14 53 11-0166	EA	36" x 48" Aluminum Non-Reflectorized Traffic Sign	288.52	38.63
10 14 53 11-0167	EA	36" x 54" Aluminum Non-Reflectorized Traffic Sign	314.92	38.63
10 14 53 11-0168	EA	36" x 60" Aluminum Non-Reflectorized Traffic Sign	351.63	43.77
10 14 53 11-0169	EA	36" x 73" Aluminum Non-Reflectorized Traffic Sign	419.15	48.93
10 14 53 11-0170	EA	36" x 78" Aluminum Non-Reflectorized Traffic Sign	441.15	48.93
10 14 53 11-0171	EA	36" x 108" Aluminum Non-Reflectorized Traffic Sign	588.64	56.65
10 14 53 11-0172	EA	42" x 42" Aluminum Non-Reflectorized Traffic Sign	292.92	38.63
10 14 53 11-0173	EA	48" x 48" Aluminum Non-Reflectorized Traffic Sign	369.24	43.77
10 14 53 11-0174	EA	48" x 54" Aluminum Non-Reflectorized Traffic Sign	414.75	48.93
10 14 53 11-0175	EA	48" x 60" Aluminum Non-Reflectorized Traffic Sign	449.96	48.93
10 14 53 11-0176	EA	48" x 66" Aluminum Non-Reflectorized Traffic Sign	500.62	56.65
10 14 53 11-0177	EA	48" x 72" Aluminum Non-Reflectorized Traffic Sign	535.83	56.65
10 14 53 11-0178	EA	48" x 84" Aluminum Non-Reflectorized Traffic Sign	616.54	61.81
10 14 53 11-0179	EA	48" x 96" Aluminum Non-Reflectorized Traffic Sign	686.96	61.81
10 14 53 11-0180	EA	48" x 102" Aluminum Non-Reflectorized Traffic Sign	722.17	61.81
10 14 53 11-0181	EA	48" x 108" Aluminum Non-Reflectorized Traffic Sign	762.53	64.38
10 14 53 11-0182	EA	60" x 72" Aluminum Non-Reflectorized Traffic Sign	651.75	61.81
10 14 53 11-0183	EA	72" x 144" Aluminum Non-Reflectorized Traffic Sign	1,432.36	82.40
10 14 53 11-0184	EA	78" x 96" Aluminum Non-Reflectorized Traffic Sign	1,044.21	64.38
10 14 53 11-0185		**Polyethylene Non-Reflectorized Traffic Signs** *(10 14 53 11-0080)*		
10 14 53 11-0186	EA	6" x 12" Non-Reflective Polyethylene Traffic Sign	80.42	19.37
10 14 53 11-0187	EA	12" x 12" Non-Reflective Polyethylene Traffic Sign	88.17	20.60
10 14 53 11-0188	EA	12" x 18" Non-Reflective Polyethylene Traffic Sign	95.07	21.94
10 14 53 11-0189	EA	18" x 18" Non-Reflective Polyethylene Traffic Sign	127.63	23.18
10 14 53 11-0190	EA	18" x 24" Non-Reflective Polyethylene Traffic Sign	136.94	24.51
10 14 53 11-0191	EA	24" x 24" Non-Reflective Polyethylene Traffic Sign	160.05	25.75
10 14 53 11-0192		**Signs For Overhead Sign Structures** *(10 14 53 11-0001)*		
		Note: Including horizontal Z-bars.		
10 14 53 11-0193	SF	From 30 To 360 SF Signs For Overhead Sign Structures	25.00	
		For Over 10' High, Add	*13.00*	
10 14 53 11-0194	VLF	Vertical Sign Hangers For Overhead Sign Structures, Per Hanger	32.50	
		Note: Includes U-bolts, vertical aluminum Z-bars, clip angles and stainless steel hardware.		
10 14 53 11-0195		**Flashing Beacon** *(10 14 53 11-0001)*		
10 14 53 11-0196	EA	Flashing Beacon Assembly	1,387.70	205.59

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		MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 53 11-0197		**Aluminum Street Signs** *(10 14 53 11-0001)* Note: Excludes posts.		
10 14 53 11-0198		**Aluminum Engineer Grade Street Signs** *(10 14 53 11-0197)*		
10 14 53 11-0199	EA	6" High, Aluminum Engineer Grade Street Sign	107.34	10.30
		For Hi-Intensity Grade, Add	*26.02*	
		For Diamond Grade, Add	*49.44*	
10 14 53 11-0200	EA	8" High, Aluminum Engineer Grade Street Sign	122.65	10.30
		For Hi-Intensity Grade, Add	*30.62*	
		For Diamond Grade, Add	*58.17*	
10 14 53 11-0201	EA	9" High, Aluminum Engineer Grade Street Sign	134.04	10.30
		For Hi-Intensity Grade, Add	*34.03*	
		For Diamond Grade, Add	*64.66*	
10 14 53 11-0202		**Street Sign Accessories** *(10 14 53 11-0197)*		
10 14 53 11-0203	EA	Single Bracket And Post Cap For Street Sign	31.16	5.15
10 14 53 11-0204	EA	Double Bracket And Post Cap For Street Sign	31.16	5.15
10 14 53 11-0205		**Sign Posts** *(10 14 53 11-0001)* Note: Excludes sign. See CSI section 32 31 13 13-0001 for auguring of holes and backfill.		
10 14 53 11-0206		**U-Channel Sign Posts** *(10 14 53 11-0205)* Note: Excludes digging and concrete.		
10 14 53 11-0207		**Baked Enamel U-Channel Sign Posts** *(10 14 53 11-0206)*		
10 14 53 11-0208	EA	3' To 4' Baked Enamel U-Channel Sign Post Base	78.21	21.01
10 14 53 11-0209	EA	6' Baked Enamel U-Channel Sign Post	103.41	26.25
10 14 53 11-0210	EA	7' Baked Enamel U-Channel Sign Post	123.40	31.51
10 14 53 11-0211	EA	8' Baked Enamel U-Channel Sign Post	144.55	36.76
10 14 53 11-0212	EA	10' Baked Enamel U-Channel Sign Post	174.26	44.63
10 14 53 11-0213	EA	12' Baked Enamel U-Channel Sign Post	180.06	44.63
10 14 53 11-0214		**Galvanized Steel U-Channel Sign Posts** *(10 14 53 11-0206)*		
10 14 53 11-0215	EA	3' To 4' Galvanized Steel U-Channel Sign Post Base	85.67	21.01
10 14 53 11-0216	EA	6' Galvanized Steel U-Channel Sign Post	115.26	26.25
10 14 53 11-0217	EA	7' Galvanized Steel U-Channel Sign Post	150.18	31.51
10 14 53 11-0218	EA	8' Galvanized Steel U-Channel Sign Post	174.15	36.76
10 14 53 11-0219	EA	10' Galvanized Steel U-Channel Sign Post	195.82	44.63
10 14 53 11-0220	EA	12' Galvanized Steel U-Channel Sign Post	198.82	44.63
10 14 53 11-0221		**Fiberglass Or Composite Plastic U-Channel Sign Posts** *(10 14 53 11-0206)*		
10 14 53 11-0222	EA	3' To 4' Fiberglass Or Composite Plastic U-Channel Sign Post Base	76.45	21.01
10 14 53 11-0223	EA	6' Fiberglass Or Composite Plastic U-Channel Sign Post	99.59	26.25
10 14 53 11-0224	EA	7' Fiberglass Or Composite Plastic U-Channel Sign Post	118.78	31.51
10 14 53 11-0225	EA	8' Fiberglass Or Composite Plastic U-Channel Sign Post	139.04	36.76
10 14 53 11-0226	EA	10' Fiberglass Or Composite Plastic U-Channel Sign Post	164.27	44.63
10 14 53 11-0227	EA	12' Fiberglass Or Composite Plastic U-Channel Sign Post	174.14	44.63
10 14 53 11-0228		**Tubular Sign Posts** *(10 14 53 11-0205)* Note: Excludes digging and concrete.		
10 14 53 11-0229		**2-3/8" Diameter, Galvanized Steel Tubular Sign Post** *(10 14 53 11-0228)*		
10 14 53 11-0230	EA	6', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post	116.48	26.25
10 14 53 11-0231	EA	7', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post	138.02	31.51
10 14 53 11-0232	EA	8', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post	163.30	36.76
10 14 53 11-0233	EA	10', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post	212.02	44.63
10 14 53 11-0234	EA	12', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post	232.35	44.63
10 14 53 11-0235		**Square Sign Posts** *(10 14 53 11-0205)* Note: Excludes digging and concrete.		
10 14 53 11-0236		**Galvanized Steel Square Sign Posts** *(10 14 53 11-0235)*		
10 14 53 11-0237	EA	3' To 4' Galvanized Steel Square Sign Post Base	87.33	21.01
10 14 53 11-0238	EA	6' Galvanized Steel Square Sign Post	143.30	26.25
10 14 53 11-0239	EA	7' Galvanized Steel Square Sign Post	167.63	31.51
10 14 53 11-0240	EA	8' Galvanized Steel Square Sign Post	195.51	36.76
10 14 53 11-0241	EA	10' Galvanized Steel Square Sign Post	238.90	44.63
10 14 53 11-0242	EA	12' Galvanized Steel Square Sign Post	253.10	44.63
10 14 53 11-0243		**Standard Driven Street Sign Posts, Square** *(10 14 53 11-0235)*		
10 14 53 11-0244	EA	12' x 2" Square 12 Gauge Galvanized Steel Sign Post With 1'-6" x 2-1/2" Square Sleeve And 2'-6" x 2-1/4" Square Anchor Driven Into Earth	307.37	44.63

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 53 11-0245		**Other Sign Posts And Bases** *(10 14 53 11-0001)* Note: For breakaway post systems, base posts are driven in, sign posts bolted to base post using lap splice hardware kit.		
10 14 53 11-0246		**2.5 Lb./FT Breakaway Sign Posts And Base Posts** *(10 14 53 11-0245)*		
10 14 53 11-0247		**Base Posts, 2.5 Lb./LF, For Breakaway Sign Posts** *(10 14 53 11-0246)*		
10 14 53 11-0248	EA	Base Post for 2.5 Lb./LF Breakaway Sign Post	103.56	25.75
10 14 53 11-0249	EA	Lap Splice Hardware For 2.5 Lb./LF Breakaway Sign Post	62.35	20.60
10 14 53 11-0250		**Breakaway Sign Posts, 2.5 Lb./LF** *(10 14 53 11-0246)*		
10 14 53 11-0251	LF	2.5 Lb./LF Breakaway Sign Post	12.88	2.58
10 14 53 11-0252		**4 Lb./FT Breakaway Sign Posts And Base Posts** *(10 14 53 11-0245)*		
10 14 53 11-0253		**Base Posts, 4 Lb./LF, For Breakaway Sign Posts** *(10 14 53 11-0252)*		
10 14 53 11-0254	EA	Base Post For 4 Lb./LF Breakaway Sign Post	108.20	30.90
10 14 53 11-0255	EA	Lap Splice Hardware for 4 Lb./LF Breakaway Sign Post	62.35	20.60
10 14 53 11-0256		**Breakaway Sign Posts, 4 Lb./LF** *(10 14 53 11-0252)*		
10 14 53 11-0257	LF	4 Lb./LF Breakaway Sign Post	15.76	2.58
10 14 53 11-0258		**Driven Sign Posts** *(10 14 53 11-0245)*		
10 14 53 11-0259		**Driven Posts, 2.5 Lb./LF** *(10 14 53 11-0258)*		
10 14 53 11-0260	LF	2.5 Lb./LF Driven Post	13.90	3.60
10 14 53 11-0261		**Driven Posts, 4 Lb./LF** *(10 14 53 11-0258)*		
10 14 53 11-0262	LF	4 Lb./LF Driven Post	17.30	4.12
10 14 53 11-0263		**Omni-Directional Breakaway System For Sign Posts And Light Poles** *(10 14 53 11-0245)*		
10 14 53 11-0264		**Omni-Directional Breakaway Systems For Signs** *(10 14 53 11-0263)* Note: Break-Safe as manufactured by Tramspo Industries. Tasks are organized by post type and size. Includes hinges, anchors, all associated parts and drilling.		
10 14 53 11-0265	EA	Omni-Directional Breakaway System For 6" To 8" Wide Flange (Tramspo B525)	1,482.18	
10 14 53 11-0266	EA	Omni-Directional Breakaway System For 10" To 21" Wide Flange (Tramspo B650)	1,579.24	
10 14 53 11-0267	EA	Omni-Directional Breakaway System For Standard I Beam Or W6x9 Flange (Tramspo AI4 And AI6)	1,082.69	
10 14 53 11-0268	EA	Omni-Directional Breakaway System For 3" To 4.5" Outside Diameter Pipe (Tramspo A3 And A4.5)	948.30	
10 14 53 11-0269	EA	Omni-Directional Breakaway System For Square Tube (Tramspo AS3 And AS4)	1,075.22	
10 14 53 11-0270	EA	Omni-Directional Breakaway System For U-Channels (Tramspo AU4 To AU6)	1,022.96	
10 14 53 11-0271	EA	Omni-Directional Breakaway System For U-Channels Embedded (Tramspo AUX4 To AUX6)	1,108.82	
10 14 53 11-0272		**Omni-Directional Breakaway Systems For Poles** *(10 14 53 11-0263)* Note: Pole-Safe as Manufactured by Tramspo Industries. Tasks are organized by bolt size. Includes four couplings, all associated parts, drilling and can be for new or for retrofitting existing poles.		
10 14 53 11-0273	EA	Omni-Directional Breakaway System For Poles With 5/8" Couplings	503.09	
10 14 53 11-0274	EA	Omni-Directional Breakaway System For Poles With 3/4" Couplings	527.44	
10 14 53 11-0275	EA	Omni-Directional Breakaway System For Poles With 1" Couplings	547.73	
10 14 53 11-0276	EA	Omni-Directional Breakaway System For Poles With 1 1/4" Couplings	831.72	
10 14 53 11-0277	EA	Skirt For Omni-Directional Breakaway System For Poles With Bolt Circle Diameter Of 10" To Less Than 15"	73.03	
10 14 53 11-0278	EA	Skirt For Omni-Directional Breakaway System For Poles With Bolt Circle Diameter Of 15" To 20"	97.37	
10 14 53 11-0279		**Sign Post Accessories** *(10 14 53 11-0001)*		
10 14 53 11-0280		**Sign Post Brackets** *(10 14 53 11-0279)*		
10 14 53 11-0281	EA	2-3/8" Outside Diameter, Single Side Sign Bracket Set Note: Includes 2 single side signpost brackets	62.92	7.72
10 14 53 11-0282	EA	2-3/8" Outside Diameter, Double Side Sign Bracket Set Note: Includes 2 double side signpost brackets	82.79	12.88
10 14 53 11-0283	EA	4" To 12" Diameter, Buckle Bracket Set Note: Includes 2 stainless steel straps, 2 brackets and fastener hardware	75.57	10.30
10 14 53 11-0284		**Sign Post Caps** *(10 14 53 11-0279)*		
10 14 53 11-0285	EA	2-3/8" Diameter, Galvanized, Flat Traffic Sign Post Cap (EC-2)	28.00	5.15
10 14 53 11-0286		**Sign Post Replacement Bolts** *(10 14 53 11-0279)*		
10 14 53 11-0287	EA	Signage Fasteners Replacement Note: Includes two 5/16" x 2" long bolts, two 5/16" nuts And four 5/16" washers	18.79	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 53 11-0288		Removal Of Signs *(10 14 53 11)* Note: Includes structural supports.		
10 14 53 11-0289	EA	>4 To 10 SF Sign Area, Sign Removal	206.01	
10 14 53 11-0290	EA	>10 To 20 SF Sign Area, Sign Removal	494.43	
10 14 53 11-0291	EA	>20 To 40 SF Sign Area, Sign Removal	741.64	
10 14 53 11-0292	EA	>40 To 100 SF Sign Area, Sign Removal	1,172.76	
10 14 53 11-0293		Removal And Reinstallation Of Signs *(10 14 53 11)* Note: Includes structural supports.		
10 14 53 11-0294	EA	>4 To 10 SF Sign Area, Removal And Reinstallation Of Sign	315.53	
10 14 53 11-0295	EA	>10 To 20 SF Sign Area, Removal And Reinstallation Of Sign	746.28	
10 14 53 11-0296	EA	>20 SF To 40 SF Sign Area, Removal And Reinstallation Of Sign	1,116.42	
10 14 53 11-0297	EA	>40 SF To 100 SF Sign Area, Removal And Reinstallation Of Sign	1,762.81	
10 14 53 11-0298	EA	Removal And Reinstallation Of Street Sign On Post	118.46	
10 14 53 11-0299	EA	Removal And Relocation Of Traffic Light Note: Excludes electrical hookup.	415.06	

10 20 Interior Specialties *(10)*

10 21 Compartments and Cubicles *(10 20)*

10 21 13 Toilet Compartments *(10 21)*

10 21 13 13 Metal Toilet Compartments *(10 21 13)*

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 13-0001		Enamel Coated Steel Toilet Partitions And Urinal Screens *(10 21 13 13)* Note: Complete toilet partitions for corner installations. Includes 1" door, 1-1/4" pilaster, 1" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of galvanized sheet metal, cleaned, primed and finished with oven baked enamel or epoxy coating.		
10 21 13 13-0002		Enamel Coated Steel Toilet Partitions *(10 21 13 13-0001)* Note: All colors.		
10 21 13 13-0003		Floor Anchored, Enamel Coated Steel, Complete Toilet Partitions *(10 21 13 13-0002)*		
10 21 13 13-0004	EA	36" x 60", Floor Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Toilet Partition	1,069.35	128.11
		For >10, Deduct	*-81.31*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
10 21 13 13-0005	EA	60" x 60", Floor Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Americans With Disabilities Act Compliant Toilet Partition	1,294.92	139.50
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
10 21 13 13-0006	EA	60" x 78", Floor Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Americans With Disabilities Act Compliant Toilet Partition	1,383.41	145.20
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
10 21 13 13-0007		Overhead Braced, Enamel Coated Steel, Complete Toilet Partitions *(10 21 13 13-0002)* Note: Includes head rail.		
10 21 13 13-0008	EA	36" x 60", Overhead Braced, Enamel Coated Steel, One Compartment Corner Unit, Complete Toilet Partition	1,110.83	156.59
		For >10, Deduct	*-79.77*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
10 21 13 13-0009	EA	60" x 60", Overhead Braced, Enamel Coated Steel, One Compartment Corner Unit, Complete Americans With Disabilities Act Compliant Toilet Partition	1,291.99	167.97
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
10 21 13 13-0010	EA	60" x 78", Overhead Braced, Enamel Coated Steel, One Compartment Corner Unit, Complete Americans With Disabilities Act Compliant Toilet Partition	1,366.16	173.66
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
10 21 13 13-0011		Floor And Ceiling Anchored, Enamel Coated Steel, Complete Toilet Partitions *(10 21 13 13-0002)* Note: Excludes above ceiling steel.		
10 21 13 13-0012	EA	36" x 60", Floor And Ceiling Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Toilet Partition	1,311.07	185.05
		For >10, Deduct	*-94.10*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
10 21 13 13-0013	EA	60" x 60", Floor And Ceiling Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Americans With Disabilities Act Compliant Toilet Partition	1,530.63	196.45
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
10 21 13 13-0014	EA	60" x 78", Floor And Ceiling Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Americans With Disabilities Act Compliant Toilet Partition	1,608.13	202.13
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
10 21 13 13-0015		Ceiling Hung, Enamel Coated Steel, Complete Toilet Partitions *(10 21 13 13-0002)* Note: Excludes above ceiling steel.		
10 21 13 13-0016	EA	36" x 60", Ceiling Hung, Enamel Coated Steel, One Compartment Corner Unit, Complete Toilet Partition	1,263.34	213.52
		For >10, Deduct	*-83.63*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 13-0017	EA	60" x 60", Ceiling Hung, Enamel Coated Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,519.83	224.91
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
10 21 13 13-0018	EA	60" x 78", Ceiling Hung, Enamel Coated Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,606.07	230.61
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
10 21 13 13-0019		**Enamel Coated Steel Urinal Screens** *(10 21 13 13-0001)* Note: All colors.		
10 21 13 13-0020		**Floor Anchored, Enamel Coated Steel, Urinal Screens** *(10 21 13 13-0019)*		
10 21 13 13-0021	EA	24" x 58" x 1", Floor Anchored, Enamel Coated Steel, Urinal Screen	564.95	79.69
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0022	EA	36" x 58" x 1", Floor Anchored, Enamel Coated Steel, Urinal Screen	626.56	85.37
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0023	EA	48" x 58" x 1", Floor Anchored, Enamel Coated Steel, Urinal Screen	690.09	91.07
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0024		**Wall Hung, Enamel Coated Steel, Urinal Screens** *(10 21 13 13-0019)*		
10 21 13 13-0025	EA	18" x 42" x 1", Wall Hung, Enamel Coated Steel, Urinal Screen	318.15	68.30
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0026	EA	24" x 42" x 1", Wall Hung, Enamel Coated Steel, Urinal Screen	343.06	73.99
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0027	EA	30" x 42" x 1", Wall Hung, Enamel Coated Steel, Urinal Screen	362.16	79.69
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0028		**Wall Hung, Wedge Shaped, Enamel Coated Steel, Urinal Screens** *(10 21 13 13-0019)*		
10 21 13 13-0029	EA	18" x 30" x 1", Wall Hung, Wedge Shaped, Enamel Coated Steel, Urinal Screen	412.50	73.99
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0030		**Wall Hung And Post Supported, Enamel Coated Steel, Urinal Screens** *(10 21 13 13-0019)*		
10 21 13 13-0031	EA	18" x 58" x 1", Wall Hung And Post Supported, Enamel Coated Steel, Urinal Screen	462.80	73.99
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0032	EA	24" x 58" x 1", Wall Hung And Post Supported, Enamel Coated Steel, Urinal Screen	493.49	79.69
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0033	EA	30" x 58" x 1", Wall Hung And Post Supported, Enamel Coated Steel, Urinal Screen	524.20	85.37
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0034		**Wall Hung And Overhead Braced, Enamel Coated Steel, Urinal Screens** *(10 21 13 13-0019)*		
10 21 13 13-0035	EA	22" x 58" x 1", Wall Hung And Overhead Braced, Enamel Coated Steel, Urinal Screen	522.46	79.69
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0036	EA	34" x 58" x 1", Wall Hung And Overhead Braced, Enamel Coated Steel, Urinal Screen	560.89	85.37
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0037	EA	46" x 58" x 1", Wall Hung And Overhead Braced, Enamel Coated Steel, Urinal Screen	620.57	91.07
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0038		**Enamel Coated Steel Toilet Partition Doors, Panels And Pilasters** *(10 21 13 13-0001)* Note: All colors.		
10 21 13 13-0039		**Enamel Coated Steel, Toilet Partition Doors** *(10 21 13 13-0038)*		
10 21 13 13-0040	EA	24" x 58" x 1", Enamel Coated Steel, Toilet Partition Door	339.12	22.77
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
10 21 13 13-0041	EA	26" x 58" x 1", Enamel Coated Steel, Toilet Partition Door	346.85	22.77
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
10 21 13 13-0042	EA	30" x 58" x 1", Enamel Coated Steel, Toilet Partition Door	367.65	24.49
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
10 21 13 13-0043	EA	34" x 58" x 1", Enamel Coated Steel, ADA Compliant Toilet Partition Door	402.42	24.49
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
10 21 13 13-0044	EA	36" x 58" x 1", Enamel Coated Steel, ADA Compliant Toilet Partition Door	410.14	24.49
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
10 21 13 13-0045		**Enamel Coated Steel, Toilet Partition Panels** *(10 21 13 13-0038)*		
10 21 13 13-0046	EA	6" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	242.16	34.16
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0047	EA	12" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	267.16	37.01
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0048	EA	18" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	292.17	39.86
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0049	EA	24" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	317.18	42.71
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0050	EA	30" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	342.19	45.55
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0051	EA	36" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	367.19	48.40
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 13-0052	EA	42" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	390.27	51.25
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0053	EA	48" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	415.27	54.10
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0054	EA	55" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	432.56	56.94
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0055	EA	58" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	442.56	58.08
		For Panel Reinforced At ADA Grab Bar, Add	*42.00*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0056	EA	60" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	455.63	59.78
		For Panel Reinforced At ADA Grab Bar, Add	*42.00*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0057	EA	70" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	498.03	62.63
		For Panel Reinforced At ADA Grab Bar, Add	*42.00*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0058	EA	78" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	534.62	65.48
		For Panel Reinforced At ADA Grab Bar, Add	*42.00*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0059		**70" Long, Enamel Coated Steel, Toilet Partition Pilasters** *(10 21 13 13-0038)*		
10 21 13 13-0060	EA	Up To 4" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	184.81	17.09
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0061	EA	5" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	204.03	19.92
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0062	EA	6" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	225.17	22.77
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0063	EA	8" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	261.77	25.62
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0064	EA	10" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	296.43	28.47
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0065	EA	12" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	331.09	31.32
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0066	EA	18" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	427.57	34.16
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0067	EA	22" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	491.20	37.01
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0068	EA	24" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	527.80	39.86
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0069		**82" Long, Enamel Coated Steel, Toilet Partition Pilasters** *(10 21 13 13-0038)*		
10 21 13 13-0070	EA	Up To 4" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	148.11	17.09
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0071	EA	5" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	161.54	19.92
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0072	EA	6" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	176.89	22.77
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0073	EA	8" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	199.97	25.62
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0074	EA	10" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	221.11	28.47
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0075	EA	12" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	244.18	31.32
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0076	EA	18" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	302.03	34.16
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0077	EA	22" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	340.55	37.01
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0078	EA	24" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	363.64	39.86
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0079		**96" To 120" Long, Enamel Coated Steel, Partition Pilasters** *(10 21 13 13-0038)*		
10 21 13 13-0080	EA	Up To 4" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	205.86	22.77
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0081	EA	5" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	225.08	25.62
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0082	EA	6" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	246.22	28.47
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0083	EA	8" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	282.81	31.32
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0084	EA	10" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	317.48	34.16
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0085	EA	12" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	352.14	37.01
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0086	EA	18" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	448.62	39.86
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0087	EA	22" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	512.25	42.71
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 13-0088	EA	24" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	548.85	45.55
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

10 21 13 14 Stainless-Steel Toilet Compartments *(10 21 13)*

10 21 13 14-0001 Stainless Steel Toilet Partitions And Urinal Screens *(10 21 13 14)*

Note: Complete toilet partitions for corner installations. Includes 1" door, 1-1/4" pilaster, 1" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of type 304 stainless steel. Includes satin finish.

10 21 13 14-0002 Stainless Steel Toilet Partitions *(10 21 13 14-0001)*

10 21 13 14-0003 Floor Anchored, Stainless Steel, Complete Toilet Partitions *(10 21 13 14-0002)*

10 21 13 14-0004	EA	36" x 60", Floor Anchored, Stainless Steel, One Compartment Corner Unit, Complete Toilet Partition	2,422.43	128.11
		For >10, Deduct	*-216.62*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For Diamond Pattern Finish, Add	*758.17*	
10 21 13 14-0005	EA	60" x 60", Floor Anchored, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,925.62	139.50
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For Diamond Pattern Finish, Add	*926.32*	
10 21 13 14-0006	EA	60" x 78", Floor Anchored, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,064.33	145.20
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For Diamond Pattern Finish, Add	*970.88*	

10 21 13 14-0007 Overhead Braced, Stainless Steel, Complete Toilet Partitions *(10 21 13 14-0002)*

Note: Includes head rail.

10 21 13 14-0008	EA	36" x 60", Overhead Braced, Stainless Steel, One Compartment Corner Unit, Complete Toilet Partition	2,048.94	156.59
		For >10, Deduct	*-173.58*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For Diamond Pattern Finish, Add	*607.52*	
10 21 13 14-0009	EA	60" x 60", Overhead Braced, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,495.04	167.97
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For Diamond Pattern Finish, Add	*755.68*	
10 21 13 14-0010	EA	60" x 78", Overhead Braced, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,719.25	173.66
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For Diamond Pattern Finish, Add	*830.17*	

10 21 13 14-0011 Floor And Ceiling Anchored, Stainless Steel, Complete Toilet Partitions *(10 21 13 14-0002)*

Note: Excludes above ceiling steel.

10 21 13 14-0012	EA	36" x 60", Floor And Ceiling Anchored, Stainless Steel, One Compartment Corner Unit, Complete Toilet Partition	2,839.46	185.05
		For >10, Deduct	*-246.94*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For Diamond Pattern Finish, Add	*864.27*	
10 21 13 14-0013	EA	60" x 60", Floor And Ceiling Anchored, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,045.51	196.45
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For Diamond Pattern Finish, Add	*928.42*	
10 21 13 14-0014	EA	60" x 78", Floor And Ceiling Anchored, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,188.28	202.13
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For Diamond Pattern Finish, Add	*974.40*	

10 21 13 14-0015 Ceiling Hung, Stainless Steel, Complete Toilet Partitions *(10 21 13 14-0002)*

Note: Excludes above ceiling steel.

10 21 13 14-0016	EA	36" x 60", Ceiling Hung, Stainless Steel, One Compartment Corner Unit, Complete Toilet Partition	2,841.20	213.52
		For >10, Deduct	*-241.42*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For Diamond Pattern Finish, Add	*844.96*	
10 21 13 14-0017	EA	60" x 60", Ceiling Hung, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,459.78	224.91
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For Diamond Pattern Finish, Add	*1,053.48*	
10 21 13 14-0018	EA	60" x 78", Ceiling Hung, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,638.29	230.61
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For Diamond Pattern Finish, Add	*1,111.98*	

10 21 13 14-0019 Stainless Steel Urinal Screens *(10 21 13 14-0001)*

10 21 13 14-0020 Floor Anchored, Stainless Steel, Urinal Screens *(10 21 13 14-0019)*

10 21 13 14-0021	EA	24" x 58" x 1", Floor Anchored, Stainless Steel, Urinal Screen	797.98	79.69
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*223.52*	
10 21 13 14-0022	EA	36" x 58" x 1", Floor Anchored, Stainless Steel, Urinal Screen	903.47	85.37
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*256.45*	
10 21 13 14-0023	EA	48" x 58" x 1", Floor Anchored, Stainless Steel, Urinal Screen	922.56	91.07
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*259.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 14-0024		**Wall Hung, Stainless Steel, Urinal Screens** *(10 21 13 14-0019)*		
10 21 13 14-0025	EA	18" x 42" x 1", Wall Hung, Stainless Steel, Urinal Screen	589.66	68.30
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*158.57*	
10 21 13 14-0026	EA	24" x 42" x 1", Wall Hung, Stainless Steel, Urinal Screen	638.05	73.99
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*171.52*	
10 21 13 14-0027	EA	30" x 42" x 1", Wall Hung, Stainless Steel, Urinal Screen	696.61	79.69
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*188.04*	
10 21 13 14-0028		**Wall Hung And Post Supported, Stainless Steel, Urinal Screens** *(10 21 13 14-0019)*		
10 21 13 14-0029	EA	18" x 58" x 1", Wall Hung And Post Supported, Stainless Steel, Urinal Screen	958.79	73.99
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*283.78*	
10 21 13 14-0030	EA	24" x 58" x 1", Wall Hung And Post Supported, Stainless Steel, Urinal Screen	1,004.83	79.69
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*295.91*	
10 21 13 14-0031	EA	30" x 58" x 1", Wall Hung And Post Supported, Stainless Steel, Urinal Screen	1,050.66	85.37
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*307.97*	
10 21 13 14-0032		**Wall Hung And Overhead Braced, Stainless Steel, Urinal Screens** *(10 21 13 14-0019)*		
10 21 13 14-0033	EA	22" x 58" x 1", Wall Hung And Overhead Braced, Stainless Steel, Urinal Screen	797.98	79.69
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*223.52*	
10 21 13 14-0034	EA	34" x 58" x 1", Wall Hung And Overhead Braced, Stainless Steel, Urinal Screen	903.47	85.37
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*256.45*	
10 21 13 14-0035	EA	46" x 58" x 1", Wall Hung And Overhead Braced, Stainless Steel, Urinal Screen	1,013.39	91.07
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*290.94*	
10 21 13 14-0036		**Stainless Steel Toilet Partition Doors, Panels And Pilasters** *(10 21 13 14-0001)*		
10 21 13 14-0037		**Stainless Steel, Toilet Partition Doors** *(10 21 13 14-0036)*		
10 21 13 14-0038	EA	24" x 58" x 1", Stainless Steel, Toilet Partition Door	528.64	22.77
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
		For Diamond Pattern Finish, Add	*169.08*	
10 21 13 14-0039	EA	26" x 58" x 1", Stainless Steel, Toilet Partition Door	604.94	22.77
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
		For Diamond Pattern Finish, Add	*195.79*	
10 21 13 14-0040	EA	30" x 58" x 1", Stainless Steel, Toilet Partition Door	621.21	25.62
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
		For Diamond Pattern Finish, Add	*199.49*	
10 21 13 14-0041	EA	34" x 58" x 1", Stainless Steel, ADA Compliant Toilet Partition Door	643.24	25.62
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
		For Diamond Pattern Finish, Add	*207.20*	
10 21 13 14-0042	EA	36" x 58" x 1", Stainless Steel, ADA Compliant Toilet Partition Door	649.37	25.62
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
		For Diamond Pattern Finish, Add	*209.34*	
10 21 13 14-0043		**Stainless Steel, Toilet Partition Panels** *(10 21 13 14-0036)*		
10 21 13 14-0044	EA	6" x 58" x 1", Stainless Steel, Toilet Partition Panel	455.97	34.16
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*135.67*	
10 21 13 14-0045	EA	12" x 58" x 1", Stainless Steel, Toilet Partition Panel	506.43	37.01
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*151.34*	
10 21 13 14-0046	EA	18" x 58" x 1", Stainless Steel, Toilet Partition Panel	527.61	39.86
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*156.76*	
10 21 13 14-0047	EA	24" x 58" x 1", Stainless Steel, Toilet Partition Panel	551.71	42.71
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*163.21*	
10 21 13 14-0048	EA	30" x 58" x 1", Stainless Steel, Toilet Partition Panel	592.19	45.55
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*175.38*	
10 21 13 14-0049	EA	36" x 58" x 1", Stainless Steel, Toilet Partition Panel	639.27	48.40
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*189.87*	
10 21 13 14-0050	EA	42" x 58" x 1", Stainless Steel, Toilet Partition Panel	748.22	51.25
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*226.01*	
10 21 13 14-0051	EA	48" x 58" x 1", Stainless Steel, Toilet Partition Panel	819.34	54.10
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*248.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 14-0052	EA	55" x 58" x 1", Stainless Steel, Toilet Partition Panel	840.54	56.94
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*254.33*	
10 21 13 14-0053	EA	58" x 58" x 1", Stainless Steel, Toilet Partition Panel	882.41	58.08
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*268.19*	
10 21 13 14-0054	EA	60" x 58" x 1", Stainless Steel, Toilet Partition Panel	937.49	59.78
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*286.27*	
10 21 13 14-0055	EA	70" x 58" x 1", Stainless Steel, Toilet Partition Panel	982.30	62.63
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*299.96*	
10 21 13 14-0056	EA	78" x 58" x 1", Stainless Steel, Toilet Partition Panel	1,078.03	65.48
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*331.47*	

10 21 13 14-0057 70" Long, Stainless Steel, Toilet Partition Pilasters *(10 21 13 14-0036)*

10 21 13 14-0058	EA	Up To 4" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	316.56	17.09
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*98.84*	
10 21 13 14-0059	EA	5" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	344.64	19.92
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*106.67*	
10 21 13 14-0060	EA	6" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	374.44	22.77
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*115.11*	
10 21 13 14-0061	EA	8" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	426.63	25.62
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*131.38*	
10 21 13 14-0062	EA	10" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	478.82	28.47
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*147.66*	
10 21 13 14-0063	EA	12" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	531.00	31.32
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*163.93*	
10 21 13 14-0064	EA	18" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	674.45	34.16
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*212.14*	
10 21 13 14-0065	EA	22" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	773.13	37.01
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*244.69*	
10 21 13 14-0066	EA	24" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	825.32	39.86
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*260.96*	

10 21 13 14-0067 82" Long, Stainless Steel, Toilet Partition Pilasters *(10 21 13 14-0036)*

10 21 13 14-0068	EA	Up To 4" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	241.72	17.09
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*72.65*	
10 21 13 14-0069	EA	5" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	261.63	19.92
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*77.62*	
10 21 13 14-0070	EA	6" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	282.25	22.77
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*82.85*	
10 21 13 14-0071	EA	8" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	366.73	25.62
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*110.42*	
10 21 13 14-0072	EA	10" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	413.93	28.47
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*124.95*	
10 21 13 14-0073	EA	12" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	428.23	31.32
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*127.96*	
10 21 13 14-0074	EA	18" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	485.33	34.16
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*145.95*	
10 21 13 14-0075	EA	22" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	547.55	37.01
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*165.74*	
10 21 13 14-0076	EA	24" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	581.29	39.86
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*175.55*	

10 21 13 14-0077 96" To 120" Long, Stainless Steel, Toilet Partition Pilasters *(10 21 13 14-0036)*

10 21 13 14-0078	EA	Up To 4" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	346.89	22.77
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*105.47*	
10 21 13 14-0079	EA	5" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	380.14	25.62
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*115.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 14-0080	EA	6" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	411.66	28.47
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*124.15*	
10 21 13 14-0081	EA	8" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	472.45	31.32
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*143.44*	
10 21 13 14-0082	EA	10" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	531.53	34.16
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*162.12*	
10 21 13 14-0083	EA	12" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	590.60	37.01
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*180.80*	
10 21 13 14-0084	EA	18" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	759.89	39.86
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*238.06*	
10 21 13 14-0085	EA	22" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	872.34	42.71
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*275.43*	
10 21 13 14-0086	EA	24" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	933.14	45.55
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Diamond Pattern Finish, Add	*294.71*	

10 21 13 16 Plastic-Laminate-Clad Toilet Compartments *(10 21 13)*

10 21 13 16-0001 Laminated Plastic Toilet Partitions And Urinal Screens *(10 21 13 16)*

Note: Complete toilet partitions for corner installations. Includes 1" door, 1" pilaster, 1" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of a sandwich of high-pressure decorative plastic laminate bonded to a solid industrial-grade particalboard.

10 21 13 16-0002 Laminated Plastic Toilet Partitions *(10 21 13 16-0001)*

Note: Includes all standard Bobrick colors.

10 21 13 16-0003 Floor Anchored, Laminated Plastic, Complete Toilet Partitions *(10 21 13 16-0002)*

10 21 13 16-0004	EA	36" x 60", Floor Anchored, Laminated Plastic, One Compartment Corner Unit, Complete Toilet Partition	1,351.28	128.11
		For >10, Deduct	*-109.51*	
		For Cast Stainless Steel Hardware, Add	*180.41*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
10 21 13 16-0005	EA	60" x 60", Floor Anchored, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,654.43	139.50
		For Cast Stainless Steel Hardware, Add	*180.43*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
10 21 13 16-0006	EA	60" x 78", Floor Anchored, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,780.97	145.20
		For Cast Stainless Steel Hardware, Add	*180.44*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	

10 21 13 16-0007 Overhead Braced, Laminated Plastic, Complete Toilet Partitions *(10 21 13 16-0002)*

Note: Includes head rail.

10 21 13 16-0008	EA	36" x 60", Overhead Braced, Laminated Plastic, One Compartment Corner Unit, Complete Toilet Partition	1,461.68	156.59
		For >10, Deduct	*-114.85*	
		For Cast Stainless Steel Hardware, Add	*180.45*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
10 21 13 16-0009	EA	60" x 60", Overhead Braced, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,778.19	167.97
		For Cast Stainless Steel Hardware, Add	*180.47*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
10 21 13 16-0010	EA	60" x 78", Overhead Braced, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,914.75	173.66
		For Cast Stainless Steel Hardware, Add	*180.47*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	

10 21 13 16-0011 Ceiling Hung, Laminated Plastic, Complete Toilet Partitions *(10 21 13 16-0002)*

Note: Excludes above ceiling steel.

10 21 13 16-0012	EA	36" x 60", Ceiling Hung, Laminated Plastic, One Compartment Corner Unit, Complete Toilet Partition	1,954.08	213.52
		For >10, Deduct	*-152.71*	
		For Cast Stainless Steel Hardware, Add	*180.53*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
10 21 13 16-0013	EA	60" x 60", Ceiling Hung, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,280.87	224.91
		For Cast Stainless Steel Hardware, Add	*180.54*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
10 21 13 16-0014	EA	60" x 78", Ceiling Hung, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,407.41	230.61
		For Cast Stainless Steel Hardware, Add	*180.55*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	

10 21 13 16-0015 Laminated Plastic Urinal Screens *(10 21 13 16-0001)*

Note: Includes all standard Bobrick colors.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 16-0016		**Floor Anchored, Laminated Plastic, Urinal Screens** *(10 21 13 16-0015)*		
10 21 13 16-0017	EA	24" x 58" x 1", Floor Anchored, Laminated Plastic, Urinal Screen	567.77	79.69
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 16-0018	EA	36" x 58" x 1", Floor Anchored, Laminated Plastic, Urinal Screen	619.21	85.37
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 16-0019	EA	48" x 58" x 1", Floor Anchored, Laminated Plastic, Urinal Screen	638.46	91.07
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 16-0020		**Wall Hung, Laminated Plastic, Urinal Screens** *(10 21 13 16-0015)*		
10 21 13 16-0021	EA	18" x 42" x 1", Wall Hung, Laminated Plastic, Urinal Screen	440.58	68.30
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 16-0022	EA	24" x 42" x 1", Wall Hung, Laminated Plastic, Urinal Screen	463.42	73.99
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 16-0023	EA	30" x 42" x 1", Wall Hung, Laminated Plastic, Urinal Screen	485.20	79.69
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 16-0024		**Wall Hung And Post Supported, Laminated Plastic, Urinal Screens** *(10 21 13 16-0015)*		
10 21 13 16-0025	EA	18" x 58" x 1", Wall Hung And Post Supported, Laminated Plastic, Urinal Screen	585.87	73.99
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 16-0026	EA	24" x 58" x 1", Wall Hung And Post Supported, Laminated Plastic, Urinal Screen	642.93	79.69
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 16-0027	EA	30" x 58" x 1", Wall Hung And Post Supported, Laminated Plastic, Urinal Screen	704.78	85.37
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 16-0028		**Wall Hung And Overhead Braced, Laminated Plastic, Urinal Screens** *(10 21 13 16-0015)*		
10 21 13 16-0029	EA	24" x 58" x 1", Wall Hung And Overhead Braced, Laminated Plastic, Urinal Screen	540.39	73.99
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 16-0030	EA	36" x 58" x 1", Wall Hung And Overhead Braced, Laminated Plastic, Urinal Screen	592.97	79.69
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 16-0031	EA	48" x 58" x 1", Wall Hung And Overhead Braced, Laminated Plastic, Urinal Screen	611.57	85.37
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 16-0032		**Laminated Plastic Toilet Partition Doors, Panels And Pilasters** *(10 21 13 16-0001)*		
		Note: Includes all standard Bobrick colors.		
10 21 13 16-0033		**Laminated Plastic, Toilet Partition Doors** *(10 21 13 16-0032)*		
10 21 13 16-0034	EA	24" x 58" x 1", Laminated Plastic, Toilet Partition Door	450.38	22.77
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
10 21 13 16-0035	EA	26" x 58" x 1", Laminated Plastic, Toilet Partition Door	489.72	22.77
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
10 21 13 16-0036	EA	30" x 58" x 1", Laminated Plastic, Toilet Partition Door	506.15	25.62
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
10 21 13 16-0037	EA	34" x 58" x 1", Laminated Plastic, Americans With Disabilities Act Compliant Toilet Partition Door	518.31	25.62
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
10 21 13 16-0038	EA	36" x 58" x 1", Laminated Plastic, Americans With Disabilities Act Compliant Toilet Partition Door	529.75	25.62
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
10 21 13 16-0039		**Laminated Plastic, Toilet Partition Panels** *(10 21 13 16-0032)*		
10 21 13 16-0040	EA	6" x 58" x 1", Laminated Plastic, Toilet Partition Panel	227.77	34.16
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 16-0041	EA	12" x 58" x 1", Laminated Plastic, Toilet Partition Panel	252.00	37.01
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 16-0042	EA	18" x 58" x 1", Laminated Plastic, Toilet Partition Panel	276.24	39.86
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 16-0043	EA	24" x 58" x 1", Laminated Plastic, Toilet Partition Panel	301.42	42.71
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 16-0044	EA	30" x 58" x 1", Laminated Plastic, Toilet Partition Panel	324.71	45.55
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 16-0045	EA	36" x 58" x 1", Laminated Plastic, Toilet Partition Panel	349.99	48.40
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 16-0046	EA	42" x 58" x 1", Laminated Plastic, Toilet Partition Panel	357.86	51.25
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 16-0047	EA	48" x 58" x 1", Laminated Plastic, Toilet Partition Panel	367.10	54.10
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 16-0048	EA	55" x 58" x 1", Laminated Plastic, Toilet Partition Panel	386.42	56.94
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 16-0049	EA	58" x 58" x 1", Laminated Plastic, Toilet Partition Panel	402.59	58.08
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 16-0050	EA	60" x 58" x 1", Laminated Plastic, Toilet Partition Panel	420.69	59.78
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 16-0051	EA	70" x 58" x 1", Laminated Plastic, Toilet Partition Panel	480.03	62.63
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 16-0052	EA	78" x 58" x 1", Laminated Plastic, Toilet Partition Panel	547.24	65.48
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 16-0053		**69" Long, Laminated Plastic, Toilet Partition Pilasters** *(10 21 13 16-0032)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 16-0054	EA	Up To 4" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	186.51	17.09
		For 1-1/4" Pilaster, Add	*12.57*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Steel Core Pilaster, Add	*152.35*	
10 21 13 16-0055	EA	5" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	215.10	19.92
		For 1-1/4" Pilaster, Add	*14.46*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Steel Core Pilaster, Add	*175.24*	
10 21 13 16-0056	EA	6" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	220.79	22.77
		For 1-1/4" Pilaster, Add	*14.46*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Steel Core Pilaster, Add	*175.24*	
10 21 13 16-0057	EA	8" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	243.65	25.62
		For 1-1/4" Pilaster, Add	*15.87*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Steel Core Pilaster, Add	*192.40*	
10 21 13 16-0058	EA	10" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	254.35	28.47
		For 1-1/4" Pilaster, Add	*16.29*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Steel Core Pilaster, Add	*197.41*	
10 21 13 16-0059	EA	12" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	276.49	31.32
		For 1-1/4" Pilaster, Add	*17.64*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Steel Core Pilaster, Add	*213.86*	
10 21 13 16-0060	EA	18" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	352.28	34.16
		For 1-1/4" Pilaster, Add	*23.43*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Steel Core Pilaster, Add	*283.95*	
10 21 13 16-0061	EA	22" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	426.64	37.01
		For 1-1/4" Pilaster, Add	*29.09*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Steel Core Pilaster, Add	*352.62*	
10 21 13 16-0062	EA	24" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	478.83	39.86
		For 1-1/4" Pilaster, Add	*32.93*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Steel Core Pilaster, Add	*399.11*	

10 21 13 16-0063 83" Long, Laminated Plastic, Toilet Partition Pilasters *(10 21 13 16-0032)*

10 21 13 16-0064	EA	Up To 4" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	366.75	17.09
		For 1-1/4" Pilaster, Add	*27.44*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Steel Core Pilaster, Add	*332.59*	
10 21 13 16-0065	EA	5" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	405.35	19.92
		For 1-1/4" Pilaster, Add	*30.15*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Steel Core Pilaster, Add	*365.49*	
10 21 13 16-0066	EA	6" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	411.04	22.77
		For 1-1/4" Pilaster, Add	*30.15*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Steel Core Pilaster, Add	*365.49*	
10 21 13 16-0067	EA	8" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	444.64	25.62
		For 1-1/4" Pilaster, Add	*32.45*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Steel Core Pilaster, Add	*393.39*	
10 21 13 16-0068	EA	10" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	485.37	28.47
		For 1-1/4" Pilaster, Add	*35.35*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Steel Core Pilaster, Add	*428.43*	
10 21 13 16-0069	EA	12" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	518.24	31.32
		For 1-1/4" Pilaster, Add	*37.59*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Steel Core Pilaster, Add	*455.61*	
10 21 13 16-0070	EA	18" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	645.19	34.16
		For 1-1/4" Pilaster, Add	*47.59*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Steel Core Pilaster, Add	*576.86*	
10 21 13 16-0071	EA	22" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	734.91	37.01
		For 1-1/4" Pilaster, Add	*54.52*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Steel Core Pilaster, Add	*660.89*	
10 21 13 16-0072	EA	24" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	754.20	39.86
		For 1-1/4" Pilaster, Add	*55.64*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For Steel Core Pilaster, Add	*674.48*	

10 21 13 19 Plastic Toilet Compartments *(10 21 13)*

10 21 13 19-0001 Recycled Solid Polymer (HDPE) Toilet Partitions And Urinal Screens *(10 21 13 19)*

Note: Complete toilet partitions for corner installations. Includes 1" door, 1" pilaster, 1" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of high-density polyethylene (HDPE). Includes Class B fire rating.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0002		Recycled Solid Plastic (HDPE) Toilet Partitions *(10 21 13 19-0001)* Note: Includes all standard Columbia Partitions colors.		
10 21 13 19-0003		Overhead Braced, Recycled Solid Plastic (HDPE), Complete Toilet Partitions *(10 21 13 19-0002)* Note: Includes head rail.		
10 21 13 19-0004	EA	36" x 60", Overhead Braced, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition	1,958.42	156.59
		For >10, Deduct	*-164.53*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For NFPA Class A, Add	*1,020.06*	
10 21 13 19-0005	EA	60" x 60", Overhead Braced, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,414.52	167.97
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For NFPA Class A, Add	*1,288.71*	
10 21 13 19-0006	EA	60" x 78", Overhead Braced, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,677.40	173.66
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For NFPA Class A, Add	*1,444.64*	
10 21 13 19-0007		Floor And Ceiling Anchored, Recycled Solid Plastic (HDPE), Complete Toilet Partitions *(10 21 13 19-0002)* Note: Excludes above ceiling steel.		
10 21 13 19-0008	EA	36" x 60", Floor And Ceiling Anchored, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition	1,953.05	185.05
		For >10, Deduct	*-158.29*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For NFPA Class A, Add	*981.42*	
10 21 13 19-0009	EA	60" x 60", Floor And Ceiling Anchored, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,449.37	196.45
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For NFPA Class A, Add	*1,275.02*	
10 21 13 19-0010	EA	60" x 78", Floor And Ceiling Anchored, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,712.26	202.13
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For NFPA Class A, Add	*1,430.95*	
10 21 13 19-0011		Ceiling Hung, Recycled Solid Plastic (HDPE), Complete Toilet Partitions *(10 21 13 19-0002)* Note: Excludes above ceiling steel.		
10 21 13 19-0012	EA	36" x 60", Ceiling Hung, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition	2,045.87	213.52
		For >10, Deduct	*-161.88*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For NFPA Class A, Add	*1,003.67*	
10 21 13 19-0013	EA	60" x 60", Ceiling Hung, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,431.44	224.91
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For NFPA Class A, Add	*1,228.60*	
10 21 13 19-0014	EA	60" x 78", Ceiling Hung, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,694.32	230.61
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For NFPA Class A, Add	*1,384.53*	
10 21 13 19-0015		Recycled Solid Plastic (HDPE) Urinal Screens *(10 21 13 19-0001)* Note: Includes all standard Columbia Partitions colors.		
10 21 13 19-0016		Wall Hung, Recycled Solid Plastic (HDPE), Urinal Screens *(10 21 13 19-0015)*		
10 21 13 19-0017	EA	18" x 42" x 1", Wall Hung, Recycled Solid Plastic (HDPE), Urinal Screen	451.79	68.30
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*195.42*	
10 21 13 19-0018	EA	24" x 42" x 1", Wall Hung, Recycled Solid Plastic (HDPE), Urinal Screen	475.59	73.99
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*203.11*	
10 21 13 19-0019		Wall Hung And Post Supported, Recycled Solid Plastic (HDPE), Urinal Screens *(10 21 13 19-0015)*		
10 21 13 19-0020	EA	18" x 42" x 1", Wall Hung And Post Supported, Recycled Solid Plastic (HDPE), Urinal Screen	576.40	73.99
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*265.62*	
10 21 13 19-0021	EA	24" x 42" x 1", Wall Hung And Post Supported, Recycled Solid Plastic (HDPE), Urinal Screen	730.56	79.69
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*354.14*	
10 21 13 19-0022	EA	30" x 42" x 1", Wall Hung And Post Supported, Recycled Solid Plastic (HDPE), Urinal Screen	812.28	85.37
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*397.75*	
10 21 13 19-0023		Wall Hung And Overhead Braced, Recycled Solid Plastic (HDPE), Urinal Screens *(10 21 13 19-0015)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0024	EA	24" x 55" x 1", Wall Hung And Overhead Braced, Recycled Solid Plastic (HDPE), Urinal Screen	587.78	79.69
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*265.62*	
10 21 13 19-0025	EA	36" x 55" x 1", Wall Hung And Overhead Braced, Recycled Solid Plastic (HDPE), Urinal Screen	741.95	85.37
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*354.14*	
10 21 13 19-0026	EA	48" x 55" x 1", Wall Hung And Overhead Braced, Recycled Solid Plastic (HDPE), Urinal Screen	881.98	91.07
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*433.90*	

10 21 13 19-0027 Recycled Solid Plastic (HDPE) Toilet Partition Doors, Panels And Pilasters

(10 21 13 19-0001)

Note: Includes all standard Columbia Partitions colors.

10 21 13 19-0028 Recycled Solid Plastic (HDPE), Toilet Partition Doors *(10 21 13 19-0027)*

10 21 13 19-0029	EA	24" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Door	469.03	22.77
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
		For NFPA Class A, Add	*262.56*	
10 21 13 19-0030	EA	26" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Door	507.57	22.77
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
		For NFPA Class A, Add	*286.45*	
10 21 13 19-0031	EA	30" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Door	551.52	25.62
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
		For NFPA Class A, Add	*310.17*	
10 21 13 19-0032	EA	34" x 55" x 1", Recycled Solid Plastic (HDPE), ADA Compliant Toilet Partition Door	629.51	25.62
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
		For NFPA Class A, Add	*358.52*	
10 21 13 19-0033	EA	36" x 55" x 1", Recycled Solid Plastic (HDPE), ADA Compliant Toilet Partition Door	647.97	25.62
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
		For NFPA Class A, Add	*369.97*	

10 21 13 19-0034 Recycled Solid Plastic (HDPE), Toilet Partition Panels *(10 21 13 19-0027)*

10 21 13 19-0035	EA	6" x 55" x 1", Recycled Solid Plastic, High-Density Polyethylene (HDPE), Toilet Partition Panel	162.19	34.16
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*58.19*	
10 21 13 19-0036	EA	12" x 55" x 1", Recycled Solid Plastic, High-Density Polyethylene (HDPE), Toilet Partition Panel	261.75	37.01
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*116.39*	
10 21 13 19-0037	EA	18" x 55" x 1", Recycled Solid Plastic, High-Density Polyethylene (HDPE), Toilet Partition Panel	361.29	39.86
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*174.57*	
10 21 13 19-0038	EA	24" x 55" x 1", Recycled Solid Plastic, High-Density Polyethylene (HDPE), Toilet Partition Panel	422.35	42.71
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*208.90*	
10 21 13 19-0039	EA	30" x 55" x 1", Recycled Solid Plastic, High-Density Polyethylene (HDPE), Toilet Partition Panel	512.29	45.55
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*261.13*	
10 21 13 19-0040	EA	36" x 55" x 1", Recycled Solid Plastic, High-Density Polyethylene (HDPE), Toilet Partition Panel	547.43	48.40
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*279.40*	
10 21 13 19-0041	EA	42" x 55" x 1", Recycled Solid Plastic, High-Density Polyethylene (HDPE), Toilet Partition Panel	615.03	51.25
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*317.77*	
10 21 13 19-0042	EA	48" x 55" x 1", Recycled Solid Plastic, High-Density Polyethylene (HDPE), Toilet Partition Panel	693.93	54.10
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*363.17*	
10 21 13 19-0043	EA	55" x 55" x 1", Recycled Solid Plastic, High-Density Polyethylene (HDPE), Toilet Partition Panel	758.25	56.94
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*399.51*	
10 21 13 19-0044	EA	58" x 55" x 1", Recycled Solid Plastic, High-Density Polyethylene (HDPE), Toilet Partition Panel	774.73	58.08
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*408.32*	
10 21 13 19-0045	EA	60" x 55" x 1", Recycled Solid Plastic, High-Density Polyethylene (HDPE), Toilet Partition Panel	800.85	59.78
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*422.39*	
10 21 13 19-0046	EA	70" x 55" x 1", Recycled Solid Plastic, High-Density Polyethylene (HDPE), Toilet Partition Panel	905.93	62.63
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*484.01*	
10 21 13 19-0047	EA	78" x 55" x 1", Recycled Solid Plastic, High-Density Polyethylene (HDPE), Toilet Partition Panel	976.70	65.48
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*524.36*	

10 21 13 19-0048 82" Long, Recycled Solid Plastic (HDPE), Toilet Partition Pilasters *(10 21 13 19-0027)*

10 21 13 19-0049	EA	Up To 4" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	214.97	17.09
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*112.10*	
10 21 13 19-0050	EA	5" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	238.80	19.92
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*123.34*	
10 21 13 19-0051	EA	6" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	259.45	22.77
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*132.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0052	EA	8" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	278.51	25.62
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*140.90*	
10 21 13 19-0053	EA	10" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	312.75	28.47
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*158.60*	
10 21 13 19-0054	EA	12" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	346.97	31.32
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*176.29*	
10 21 13 19-0055	EA	18" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	477.91	34.16
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*253.94*	
10 21 13 19-0056	EA	22" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	540.55	37.01
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*289.25*	
10 21 13 19-0057	EA	24" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	588.66	39.86
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*315.54*	

10 21 13 19-0058 96" To 120", Recycled Solid Plastic (HDPE), Toilet Partition Pilasters *(10 21 13 19-0027)*

10 21 13 19-0059	EA	Up To 4" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	262.11	22.77
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*134.27*	
10 21 13 19-0060	EA	5" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	288.42	25.62
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*147.05*	
10 21 13 19-0061	EA	6" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	317.64	28.47
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*161.63*	
10 21 13 19-0062	EA	8" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	360.07	31.32
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*184.41*	
10 21 13 19-0063	EA	10" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	402.93	34.16
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*207.45*	
10 21 13 19-0064	EA	12" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	445.37	37.01
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*230.24*	
10 21 13 19-0065	EA	18" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	572.20	39.86
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*305.34*	
10 21 13 19-0066	EA	22" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	640.58	42.71
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*344.21*	
10 21 13 19-0067	EA	24 x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	696.74	45.55
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*375.49*	

10 21 13 19-0068 Anti-microbial Recycled Solid Polymer (HDPE) Toilet Partitions And Urinal Screens *(10 21 13 19)*

Note: Complete toilet partitions for corner installations. Includes 1" door, 1" pilaster, 1" separator panel, trim shoes, and hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and hardware as required. Constructed of high-density polyethylene (HDPE). Includes Class B fire rating.

10 21 13 19-0069 Anti-microbial Recycled Solid Plastic (HDPE) Toilet Partitions *(10 21 13 19-0068)*

Note: Includes all standard Columbia Partitions colors.

10 21 13 19-0070 Overhead Braced, Anti-microbial Recycled Solid Plastic (HDPE), Complete Toilet Partitions *(10 21 13 19-0069)*

Note: Includes head rail.

10 21 13 19-0071	EA	36" x 60", Overhead Braced, Anti-microbial Solid Plastic, High-Density Polyethylene (HDPE), One Compartment Corner Unit, Complete Toilet Partition	2,534.26	156.59
		For >10, Deduct	*-222.11*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For NFPA Class A, Add	*1,377.08*	
10 21 13 19-0072	EA	60" x 60", Overhead Braced, Anti-microbial Solid Plastic, High-Density Polyethylene (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,142.03	167.97
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For NFPA Class A, Add	*1,739.77*	
10 21 13 19-0073	EA	60" x 78", Overhead Braced, Anti-microbial Solid Plastic, High-Density Polyethylene (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,492.94	173.66
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For NFPA Class A, Add	*1,950.28*	

10 21 13 19-0074 Floor And Ceiling Anchored, Anti-microbial Recycled Solid Plastic (HDPE), Complete Toilet Partitions *(10 21 13 19-0069)*

Note: Excludes above ceiling steel.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0075	EA	36" x 60", Floor And Ceiling Anchored, Anti-microbial Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition	2,507.08	185.05
		For >10, Deduct	*-213.70*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For NFPA Class A, Add	*1,324.92*	
10 21 13 19-0076	EA	60" x 60", Floor And Ceiling Anchored, Anti-microbial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,169.13	196.45
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For NFPA Class A, Add	*1,721.28*	
10 21 13 19-0077	EA	60" x 78", Floor And Ceiling Anchored, Anti-microbial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,520.05	202.13
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For NFPA Class A, Add	*1,931.78*	

10 21 13 19-0078 Ceiling Hung, Anti-microbial Recycled Solid Plastic (HDPE), Complete Toilet Partitions *(10 21 13 19-0069)*

Note: Excludes above ceiling steel.

10 21 13 19-0079	EA	36" x 60", Ceiling Hung, Anti-microbial Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition	2,612.48	213.52
		For >10, Deduct	*-218.54*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For NFPA Class A, Add	*1,354.97*	
10 21 13 19-0080	EA	60" x 60", Ceiling Hung, Anti-microbial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,125.00	224.91
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For NFPA Class A, Add	*1,658.61*	
10 21 13 19-0081	EA	60" x 78", Ceiling Hung, Anti-microbial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,475.90	230.61
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For NFPA Class A, Add	*1,869.11*	

10 21 13 19-0082 Anti-microbial Recycled Solid Plastic (HDPE) Urinal Screens *(10 21 13 19-0068)*

Note: Includes all standard Columbia Partitions colors.

10 21 13 19-0083 Wall Hung, Anti-microbial Recycled Solid Plastic (HDPE), Urinal Screens *(10 21 13 19-0082)*

10 21 13 19-0084	EA	18" x 42" x 1", Wall Hung, Anti-microbial Recycled Solid Plastic (HDPE), Urinal Screen	562.09	68.30
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*263.80*	
10 21 13 19-0085	EA	24" x 42" x 1", Wall Hung, Anti-microbial Recycled Solid Plastic (HDPE), Urinal Screen	586.20	73.99
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*271.69*	

10 21 13 19-0086 Wall Hung And Post Supported, Anti-microbial Recycled Solid Plastic (HDPE), Urinal Screens *(10 21 13 19-0082)*

10 21 13 19-0087	EA	18" x 42" x 1", Wall Hung And Post Supported, Anti-microbial Recycled Solid Plastic (HDPE), Urinal Screen	919.10	73.99
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*478.09*	
10 21 13 19-0088	EA	24" x 42" x 1", Wall Hung And Post Supported, Anti-microbial Recycled Solid Plastic (HDPE), Urinal Screen	1,046.46	79.69
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*550.00*	
10 21 13 19-0089	EA	30" x 42" x 1", Wall Hung And Post Supported, Anti-microbial Recycled Solid Plastic (HDPE), Urinal Screen	1,115.54	85.37
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*585.77*	

10 21 13 19-0090 Wall Hung And Overhead Braced, Anti-microbial Recycled Solid Plastic (HDPE), Urinal Screens *(10 21 13 19-0082)*

10 21 13 19-0091	EA	24" x 55" x 1", Wall Hung And Overhead Braced, Anti-microbial Recycled Solid Plastic (HDPE), Urinal Screen	737.71	79.69
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*358.58*	
10 21 13 19-0092	EA	36" x 55" x 1", Wall Hung And Overhead Braced, Anti-microbial Recycled Solid Plastic (HDPE), Urinal Screen	941.87	85.37
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*478.09*	
10 21 13 19-0093	EA	48" x 55" x 1", Wall Hung And Overhead Braced, Anti-microbial Recycled Solid Plastic (HDPE), Urinal Screen	1,126.93	91.07
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*585.77*	

10 21 13 19-0094 Anti-microbial Recycled Solid Plastic (HDPE) Toilet Partition Doors, Panels And Pilasters *(10 21 13 19-0068)*

Note: Includes all standard Columbia Partitions colors.

10 21 13 19-0095 Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Doors *(10 21 13 19-0094)*

10 21 13 19-0096	EA	24" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Door	617.24	22.77
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
		For NFPA Class A, Add	*354.45*	
10 21 13 19-0097	EA	26" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Door	669.29	22.77
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
		For NFPA Class A, Add	*386.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0098	EA	30" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Door	726.61	25.62
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
		For NFPA Class A, Add	*418.72*	
10 21 13 19-0099	EA	34" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), ADA Compliant Toilet Partition Door	831.91	25.62
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
		For NFPA Class A, Add	*484.01*	
10 21 13 19-0100	EA	36" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), ADA Compliant Toilet Partition Door	856.82	25.62
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
		For NFPA Class A, Add	*499.45*	
10 21 13 19-0101		**Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panels** *(10 21 13 19-0094)*		
10 21 13 19-0102	EA	6" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel	195.04	34.16
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*78.56*	
10 21 13 19-0103	EA	12" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel	327.45	37.01
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*157.13*	
10 21 13 19-0104	EA	18" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel	459.86	39.86
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*235.69*	
10 21 13 19-0105	EA	24" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel	540.26	42.71
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*282.01*	
10 21 13 19-0106	EA	30" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel	659.69	45.55
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*352.52*	
10 21 13 19-0107	EA	36" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel	705.15	48.40
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*377.18*	
10 21 13 19-0108	EA	42" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel	794.42	51.25
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*429.00*	
10 21 13 19-0109	EA	48" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel	898.96	54.10
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*490.28*	
10 21 13 19-0110	EA	55" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel	983.79	56.94
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*539.34*	
10 21 13 19-0111	EA	58" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel	1,005.23	58.08
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*551.23*	
10 21 13 19-0112	EA	60" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel	1,039.29	59.78
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*570.23*	
10 21 13 19-0113	EA	70" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel	1,179.18	62.63
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*653.42*	
10 21 13 19-0114	EA	78" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel	1,272.70	65.48
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*707.88*	
10 21 13 19-0115		**82" Long, Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilasters** *(10 21 13 19-0094)*		
10 21 13 19-0116	EA	Up To 4" x 82" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	278.25	17.09
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*151.34*	
10 21 13 19-0117	EA	5" x 82" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	308.43	19.92
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*166.51*	
10 21 13 19-0118	EA	6" x 82" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	334.31	22.77
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*179.03*	
10 21 13 19-0119	EA	8" x 82" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	385.95	25.62
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*207.51*	
10 21 13 19-0120	EA	10" x 82" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	433.70	28.47
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*233.59*	
10 21 13 19-0121	EA	12" x 82" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	481.39	31.32
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*259.63*	
10 21 13 19-0122	EA	18" x 82" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	621.26	34.16
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*342.82*	
10 21 13 19-0123	EA	22" x 82" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	703.85	37.01
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*390.49*	
10 21 13 19-0124	EA	24" x 82" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	766.78	39.86
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*425.98*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0125		96" To 120", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilasters *(10 21 13 19-0094)*		
10 21 13 19-0126	EA	Up To 4" x 96" To 120" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	337.91	22.77
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*181.26*	
10 21 13 19-0127	EA	5" x 96" To 120" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	371.44	25.62
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*198.52*	
10 21 13 19-0128	EA	6" x 96" To 120" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	408.90	28.47
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*218.22*	
10 21 13 19-0129	EA	8" x 96" To 120" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	464.19	31.32
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*248.97*	
10 21 13 19-0130	EA	10" x 96" To 120" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	520.05	34.16
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*280.07*	
10 21 13 19-0131	EA	12" x 96" To 120" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	575.33	37.01
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*310.81*	
10 21 13 19-0132	EA	18" x 96" To 120" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	744.58	39.86
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*412.21*	
10 21 13 19-0133	EA	22" x 96" To 120" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	834.88	42.71
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*464.67*	
10 21 13 19-0134	EA	24 x 96" To 120" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	908.71	45.55
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*506.91*	
10 21 13 19-0135		Solid Phenolic Toilet Partitions And Urinal Screens *(10 21 13 19)*		
		Note: Complete toilet partitions for corner installations. Includes 3/4" door, 3/4" pilaster, 1/2" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of solid phenolic (resin impregnated kraft paper) core with a high pressure decorative matte surface finish as an integral part of the core material. Includes Class B fire rating.		
10 21 13 19-0136		Solid Phenolic Toilet Partitions *(10 21 13 19-0135)*		
		Note: Includes all standard Bobrick colors.		
10 21 13 19-0137		Floor Anchored, Solid Phenolic, Complete Toilet Partitions *(10 21 13 19-0136)*		
10 21 13 19-0138	EA	36" x 60", Floor Anchored, Solid Phenolic, One Compartment Corner Unit, Complete Toilet Partition	2,057.94	128.11
		For >10, Deduct	*-180.17*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For NFPA Class A, Add	*391.17*	
10 21 13 19-0139	EA	60" x 60", Floor Anchored, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,529.89	139.50
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For NFPA Class A, Add	*486.64*	
10 21 13 19-0140	EA	60" x 78", Floor Anchored, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,825.95	145.20
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For NFPA Class A, Add	*546.99*	
10 21 13 19-0141		Overhead Braced, Solid Phenolic, Complete Toilet Partitions *(10 21 13 19-0136)*		
		Note: Includes head rail.		
10 21 13 19-0142	EA	36" x 60", Overhead Braced, Solid Phenolic, One Compartment Corner Unit, Complete Toilet Partition	2,283.30	156.59
		For >10, Deduct	*-197.01*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For NFPA Class A, Add	*429.39*	
10 21 13 19-0143	EA	60" x 60", Overhead Braced, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,774.07	167.97
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For NFPA Class A, Add	*528.80*	
10 21 13 19-0144	EA	60" x 78", Overhead Braced, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,084.45	173.66
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For NFPA Class A, Add	*592.16*	
10 21 13 19-0145		Floor And Ceiling Anchored, Solid Phenolic, Complete Toilet Partitions *(10 21 13 19-0136)*		
		Note: Excludes above ceiling steel.		
10 21 13 19-0146	EA	36" x 60", Floor And Ceiling Anchored, Solid Phenolic, One Compartment Corner Unit, Complete Toilet Partition	2,355.64	185.05
		For >10, Deduct	*-198.55*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For NFPA Class A, Add	*435.47*	
10 21 13 19-0147	EA	60" x 60", Floor And Ceiling Anchored, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,842.90	196.45
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For NFPA Class A, Add	*534.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0148	EA	60" x 78", Floor And Ceiling Anchored, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,138.96	202.13
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For NFPA Class A, Add	*594.50*	

10 21 13 19-0149 Ceiling Hung, Solid Phenolic, Complete Toilet Partitions *(10 21 13 19-0136)*

Note: Excludes above ceiling steel.

10 21 13 19-0150	EA	36" x 60", Ceiling Hung, Solid Phenolic, One Compartment Corner Unit, Complete Toilet Partition	2,320.68	213.52
		For >10, Deduct	*-189.36*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For NFPA Class A, Add	*419.02*	
10 21 13 19-0151	EA	60" x 60", Ceiling Hung, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,792.30	224.91
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For NFPA Class A, Add	*514.41*	
10 21 13 19-0152	EA	60" x 78", Ceiling Hung, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,088.35	230.61
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
		For NFPA Class A, Add	*574.76*	

10 21 13 19-0153 Solid Phenolic Urinal Screens *(10 21 13 19-0135)*

Note: Includes all standard Bobrick colors.

10 21 13 19-0154 Floor Anchored, Solid Phenolic, Urinal Screens *(10 21 13 19-0153)*

10 21 13 19-0155	EA	24" x 58" x 1/2", Floor Anchored, Solid Phenolic, Urinal Screen	746.58	79.69
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*131.28*	
10 21 13 19-0156	EA	36" x 58" x 1/2", Floor Anchored, Solid Phenolic, Urinal Screen	844.52	85.37
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*150.03*	
10 21 13 19-0157	EA	48" x 58" x 1/2", Floor Anchored, Solid Phenolic, Urinal Screen	1,013.98	91.07
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*183.79*	

10 21 13 19-0158 Wall Hung, Solid Phenolic, Urinal Screens *(10 21 13 19-0153)*

10 21 13 19-0159	EA	18" x 42" x 1/2", Wall Hung, Solid Phenolic, Urinal Screen	475.63	68.30
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*78.03*	
10 21 13 19-0160	EA	24" x 42" x 1/2", Wall Hung, Solid Phenolic, Urinal Screen	551.38	73.99
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*92.11*	
10 21 13 19-0161	EA	30" x 42" x 1/2", Wall Hung, Solid Phenolic, Urinal Screen	663.70	79.69
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*113.88*	

10 21 13 19-0162 Wall Hung And Post Supported, Solid Phenolic, Urinal Screens *(10 21 13 19-0153)*

10 21 13 19-0163	EA	18" x 58" x 1/2", Wall Hung And Post Supported, Solid Phenolic, Urinal Screen	482.60	73.99
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*77.67*	
10 21 13 19-0164	EA	24" x 58" x 1/2", Wall Hung And Post Supported, Solid Phenolic, Urinal Screen	605.50	79.69
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*101.66*	
10 21 13 19-0165	EA	30" x 58" x 1/2", Wall Hung And Post Supported, Solid Phenolic, Urinal Screen	708.62	85.37
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*121.49*	

10 21 13 19-0166 Wall Hung And Overhead Braced, Solid Phenolic, Urinal Screens *(10 21 13 19-0153)*

10 21 13 19-0167	EA	22" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Phenolic, Urinal Screen	769.05	73.99
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*137.82*	
10 21 13 19-0168	EA	36" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Phenolic, Urinal Screen	867.57	79.69
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*156.69*	
10 21 13 19-0169	EA	48" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Phenolic, Urinal Screen	1,040.27	85.37
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*191.14*	

10 21 13 19-0170 Solid Phenolic Toilet Partition Doors, Panels And Pilasters *(10 21 13 19-0135)*

Note: Includes all standard Bobrick colors.

10 21 13 19-0171 Solid Phenolic, Toilet Partition Doors *(10 21 13 19-0170)*

10 21 13 19-0172	EA	24" x 58" x 3/4", Solid Phenolic, Toilet Partition Door	559.10	22.77
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
		For NFPA Class A, Add	*110.12*	
10 21 13 19-0173	EA	26" x 58" x 3/4", Solid Phenolic, Toilet Partition Door	578.41	22.77
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
		For NFPA Class A, Add	*114.18*	
10 21 13 19-0174	EA	30" x 58" x 3/4", Solid Phenolic, Toilet Partition Door	633.66	25.62
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
		For NFPA Class A, Add	*124.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0175	EA	34" x 58" x 3/4", Solid Phenolic, ADA Compliant Toilet Partition Door	684.02	25.62
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
		For NFPA Class A, Add	*135.44*	
10 21 13 19-0176	EA	36" x 58" x 3/4", Solid Phenolic, ADA Compliant Toilet Partition Door	735.74	25.62
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
		For NFPA Class A, Add	*146.31*	

10 21 13 19-0177 Solid Phenolic, Toilet Partition Panels *(10 21 13 19-0170)*

10 21 13 19-0178	EA	6" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	175.36	34.16
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*25.89*	
10 21 13 19-0179	EA	12" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	234.52	37.01
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*37.41*	
10 21 13 19-0180	EA	18" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	320.44	39.86
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*54.54*	
10 21 13 19-0181	EA	24" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	407.27	42.71
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*71.86*	
10 21 13 19-0182	EA	30" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	454.34	45.55
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*80.83*	
10 21 13 19-0183	EA	36" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	503.77	48.40
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*90.31*	
10 21 13 19-0184	EA	42" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	588.32	51.25
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*107.15*	
10 21 13 19-0185	EA	48" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	675.37	54.10
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*124.52*	
10 21 13 19-0186	EA	55" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	720.41	56.94
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*133.07*	
10 21 13 19-0187	EA	58" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	740.56	58.08
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*136.93*	
10 21 13 19-0188	EA	60" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	754.72	59.78
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*139.36*	
10 21 13 19-0189	EA	70" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	869.13	62.63
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*162.47*	
10 21 13 19-0190	EA	78" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	1,050.77	65.48
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*199.71*	

10 21 13 19-0191 69" Long, Solid Phenolic, Toilet Partition Pilasters *(10 21 13 19-0170)*

10 21 13 19-0192	EA	Up To 4" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	265.19	17.09
		For 1" Pilaster, Add	*28.88*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*50.22*	
10 21 13 19-0193	EA	5" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	305.22	19.92
		For 1" Pilaster, Add	*33.17*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*57.72*	
10 21 13 19-0194	EA	6" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	310.91	22.77
		For 1" Pilaster, Add	*33.17*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*58.00*	
10 21 13 19-0195	EA	8" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	360.24	25.62
		For 1" Pilaster, Add	*38.62*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*67.45*	
10 21 13 19-0196	EA	10" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	405.27	28.47
		For 1" Pilaster, Add	*43.54*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*76.00*	
10 21 13 19-0197	EA	12" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	450.30	31.32
		For 1" Pilaster, Add	*48.46*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*84.54*	
10 21 13 19-0198	EA	16" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	576.87	34.16
		For 1" Pilaster, Add	*63.57*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*110.21*	
10 21 13 19-0199	EA	20" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	709.16	37.01
		For 1" Pilaster, Add	*79.39*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*137.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0200	EA	24" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	744.90	39.86
		For 1" Pilaster, Add	*83.15*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*143.67*	

10 21 13 19-0201 83" Long, Solid Phenolic, Toilet Partition Pilasters *(10 21 13 19-0170)*

10 21 13 19-0202	EA	Up To 4" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	290.93	17.09
		For 1" Pilaster, Add	*32.10*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*55.63*	
10 21 13 19-0203	EA	5" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	340.98	19.92
		For 1" Pilaster, Add	*37.64*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*65.23*	
10 21 13 19-0204	EA	6" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	346.67	22.77
		For 1" Pilaster, Add	*37.64*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*65.51*	
10 21 13 19-0205	EA	8" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	401.72	25.62
		For 1" Pilaster, Add	*43.81*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*76.16*	
10 21 13 19-0206	EA	10" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	453.90	28.47
		For 1" Pilaster, Add	*49.62*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*86.21*	
10 21 13 19-0207	EA	12" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	506.46	31.32
		For 1" Pilaster, Add	*55.48*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*96.34*	
10 21 13 19-0208	EA	16" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	660.56	34.16
		For 1" Pilaster, Add	*74.03*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*127.78*	
10 21 13 19-0209	EA	20" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	787.50	37.01
		For 1" Pilaster, Add	*89.19*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*153.53*	
10 21 13 19-0210	EA	24" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	828.24	39.86
		For 1" Pilaster, Add	*93.57*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*161.18*	

10 21 13 19-0211 96" To 120" Long, Solid Phenolic, Toilet Partition Pilasters *(10 21 13 19-0170)*

10 21 13 19-0212	EA	Up To 4" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	328.07	22.77
		For 1" Pilaster, Add	*35.32*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*61.61*	
10 21 13 19-0213	EA	5" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	388.13	25.62
		For 1" Pilaster, Add	*42.11*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*73.31*	
10 21 13 19-0214	EA	6" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	393.82	28.47
		For 1" Pilaster, Add	*42.11*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*73.59*	
10 21 13 19-0215	EA	8" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	454.59	31.32
		For 1" Pilaster, Add	*49.00*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*85.44*	
10 21 13 19-0216	EA	10" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	513.93	34.16
		For 1" Pilaster, Add	*55.70*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*96.99*	
10 21 13 19-0217	EA	12" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	573.98	37.01
		For 1" Pilaster, Add	*62.50*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*108.69*	
10 21 13 19-0218	EA	16" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	755.63	39.86
		For 1" Pilaster, Add	*84.49*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*145.93*	
10 21 13 19-0219	EA	20" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	877.19	42.71
		For 1" Pilaster, Add	*98.97*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*170.54*	
10 21 13 19-0220	EA	24" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	922.95	45.55
		For 1" Pilaster, Add	*103.98*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
		For NFPA Class A, Add	*179.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

10 21 13 19-0221 **Solid Color Reinforced Composite Toilet Partitions And Urinal Screens** *(10 21 13 19)*

Note: Complete toilet partitions for corner installations. Includes 3/4" door, 3/4" pilaster, 1/2" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of solid color reinforced composite core with a high pressure decorative matte surface finish as an integral part of the core material.

10 21 13 19-0222 **Solid Color Reinforced Composite Toilet Partitions** *(10 21 13 19-0221)*

Note: Includes all standard Bobrick colors.

10 21 13 19-0223 **Floor Anchored, Solid Color Reinforced Composite, Complete Toilet Partitions** *(10 21 13 19-0222)*

10 21 13 19-0224	EA	36" x 60", Floor Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete Toilet Partition	2,274.15	128.11
		For >10, Deduct	*-201.79*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
10 21 13 19-0225	EA	60" x 60", Floor Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,800.00	139.50
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
10 21 13 19-0226	EA	60" x 78", Floor Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,130.22	145.20
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	

10 21 13 19-0227 **Overhead Braced, Solid Color Reinforced Composite, Complete Toilet Partitions** *(10 21 13 19-0222)*

Note: Includes head rail.

10 21 13 19-0228	EA	36" x 60", Overhead Braced, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete Toilet Partition	2,519.72	156.59
		For >10, Deduct	*-220.66*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
10 21 13 19-0229	EA	60" x 60", Overhead Braced, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,066.64	167.97
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
10 21 13 19-0230	EA	60" x 78", Overhead Braced, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,412.90	173.66
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	

10 21 13 19-0231 **Floor And Ceiling Anchored, Solid Color Reinforced Composite, Complete Toilet Partitions** *(10 21 13 19-0222)*

Note: Excludes above ceiling steel.

10 21 13 19-0232	EA	36" x 60", Floor And Ceiling Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete Toilet Partition	2,593.91	185.05
		For >10, Deduct	*-222.38*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
10 21 13 19-0233	EA	60" x 60", Floor And Ceiling Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,136.90	196.45
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
10 21 13 19-0234	EA	60" x 78", Floor And Ceiling Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,467.12	202.13
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	

10 21 13 19-0235 **Ceiling Hung, Solid Color Reinforced Composite, Complete Toilet Partitions** *(10 21 13 19-0222)*

Note: Excludes above ceiling steel.

10 21 13 19-0236	EA	36" x 60", Ceiling Hung, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete Toilet Partition	2,547.92	213.52
		For >10, Deduct	*-212.09*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
10 21 13 19-0237	EA	60" x 60", Ceiling Hung, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,073.40	224.91
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
10 21 13 19-0238	EA	60" x 78", Ceiling Hung, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,403.61	230.61
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	

10 21 13 19-0239 **Solid Color Reinforced Composite Urinal Screens** *(10 21 13 19-0221)*

Note: Includes all standard Bobrick colors.

10 21 13 19-0240 **Floor Anchored, Solid Color Reinforced Composite, Toilet Partition Urinal Screens** *(10 21 13 19-0239)*

10 21 13 19-0241	EA	24" x 58" x 1/2", Floor Anchored, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	817.05	79.69
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0242	EA	36" x 58" x 1/2", Floor Anchored, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	925.37	85.37
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0243	EA	48" x 58" x 1/2", Floor Anchored, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	1,113.80	91.07
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0244		**Wall Hung, Solid Color Reinforced Composite, Toilet Partition Urinal Screens** *(10 21 13 19-0239)*		
10 21 13 19-0245	EA	18" x 42" x 1/2", Wall Hung, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	516.31	68.30
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0246	EA	24" x 42" x 1/2", Wall Hung, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	599.79	73.99
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0247	EA	30" x 42" x 1/2", Wall Hung, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	724.22	79.69
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0248		**Wall Hung And Post Supported, Solid Color Reinforced Composite, Toilet Partition Urinal Screens** *(10 21 13 19-0239)*		
10 21 13 19-0249	EA	18" x 58" x 1/2", Wall Hung And Post Supported, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	522.76	73.99
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0250	EA	24" x 58" x 1/2", Wall Hung And Post Supported, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	659.04	79.69
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0251	EA	30" x 58" x 1/2", Wall Hung And Post Supported, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	773.16	85.37
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0252		**Wall Hung And Overhead Braced, Solid Color Reinforced Composite, Toilet Partition Urinal Screens** *(10 21 13 19-0239)*		
10 21 13 19-0253	EA	22" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	843.57	73.99
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0254	EA	36" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	952.56	79.69
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0255	EA	48" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	1,144.61	85.37
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0256		**Solid Color Reinforced Composite Toilet Partition Doors, Panels And Pilasters** *(10 21 13 19-0221)*		
		Note: Includes all standard Bobrick colors. See CSI section 10 21 13 43-0001 for other accessories.		
10 21 13 19-0257		**Solid Color Reinforced Composite, Toilet Partition Doors** *(10 21 13 19-0256)*		
10 21 13 19-0258	EA	24" x 58" x 3/4", Solid Color Reinforced Composite, Toilet Partition Door	620.73	22.77
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
10 21 13 19-0259	EA	26" x 58" x 3/4", Solid Color Reinforced Composite, Toilet Partition Door	642.35	22.77
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
10 21 13 19-0260	EA	30" x 58" x 3/4", Solid Color Reinforced Composite, Toilet Partition Door	703.55	25.62
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
10 21 13 19-0261	EA	34" x 58" x 3/4", Solid Color Reinforced Composite, Toilet Partition Door	759.95	25.62
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
10 21 13 19-0262	EA	36" x 58" x 3/4", Solid Color Reinforced Composite, Toilet Partition Door	817.88	25.62
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
10 21 13 19-0263		**Solid Color Reinforced Composite, Toilet Partition Panels** *(10 21 13 19-0256)*		
10 21 13 19-0264	EA	6" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	188.20	34.16
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0265	EA	12" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	253.78	37.01
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0266	EA	18" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	349.33	39.86
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0267	EA	24" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	445.90	42.71
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0268	EA	30" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	497.93	45.55
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0269	EA	36" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	552.60	48.40
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0270	EA	42" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	646.62	51.25
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0271	EA	48" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	743.44	54.10
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0272	EA	55" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	793.20	56.94
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0273	EA	58" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	815.49	58.08
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0274	EA	60" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	830.94	59.78
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0275	EA	70" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	958.39	62.63
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0276	EA	78" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	1,161.15	65.48
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0277		**69" Long, Solid Color Reinforced Composite, Toilet Partition Pilasters** *(10 21 13 19-0256)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0278	EA	Up To 4" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	292.91	17.09
		For 1" Pilaster, Add	*32.34*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0279	EA	5" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	337.06	19.92
		For 1" Pilaster, Add	*37.15*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0280	EA	6" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	342.75	22.77
		For 1" Pilaster, Add	*37.15*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0281	EA	8" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	397.32	25.62
		For 1" Pilaster, Add	*43.26*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0282	EA	10" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	447.07	28.47
		For 1" Pilaster, Add	*48.77*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0283	EA	12" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	496.82	31.32
		For 1" Pilaster, Add	*54.27*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0284	EA	16" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	637.90	34.16
		For 1" Pilaster, Add	*71.20*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0285	EA	20" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	785.38	37.01
		For 1" Pilaster, Add	*88.92*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0286	EA	24" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	824.72	39.86
		For 1" Pilaster, Add	*93.13*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	

10 21 13 19-0287 83" Long, Solid Color Reinforced Composite, Toilet Partition Pilasters *(10 21 13 19-0256)*

10 21 13 19-0288	EA	Up To 4" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	321.75	17.09
		For 1" Pilaster, Add	*35.95*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0289	EA	5" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	377.11	19.92
		For 1" Pilaster, Add	*42.16*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0290	EA	6" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	382.80	22.77
		For 1" Pilaster, Add	*42.16*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0291	EA	8" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	443.78	25.62
		For 1" Pilaster, Add	*49.07*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0292	EA	10" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	501.54	28.47
		For 1" Pilaster, Add	*55.58*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0293	EA	12" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	559.72	31.32
		For 1" Pilaster, Add	*62.14*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0294	EA	16" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	731.62	34.16
		For 1" Pilaster, Add	*82.91*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0295	EA	20" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	873.11	37.01
		For 1" Pilaster, Add	*99.89*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0296	EA	24" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	918.07	39.86
		For 1" Pilaster, Add	*104.79*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	

10 21 13 19-0297 96" To 120" Long, Solid Color Reinforced Composite, Toilet Partition Pilasters *(10 21 13 19-0256)*

10 21 13 19-0298	EA	Up To 4" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	361.98	22.77
		For 1" Pilaster, Add	*39.55*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0299	EA	5" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	428.56	25.62
		For 1" Pilaster, Add	*47.16*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0300	EA	6" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	434.25	28.47
		For 1" Pilaster, Add	*47.16*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0301	EA	8" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	501.62	31.32
		For 1" Pilaster, Add	*54.87*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0302	EA	10" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	567.40	34.16
		For 1" Pilaster, Add	*62.38*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0303	EA	12" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	633.97	37.01
		For 1" Pilaster, Add	*69.99*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0304	EA	16" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	836.74	39.86
		For 1" Pilaster, Add	*94.63*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0305	EA	20" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	972.21	42.71
		For 1" Pilaster, Add	*110.85*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0306	EA	24" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	1,022.77	45.55
		For 1" Pilaster, Add	*116.46*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	

10 21 13 19-0307 Solid Polyester (Corian) Toilet Partitions And Urinal Screens *(10 21 13 19)*

Note: Complete toilet partitions for corner installations. Includes 1/2" door (1" at edge), 1" pilaster, 1/2" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Produced or cast by combining unsaturated polyester resin with a combination of fillers, pigments and catalysts.

10 21 13 19-0308 Solid Polyester (Corian) Toilet Partitions *(10 21 13 19-0307)*

Note: Small particulate finish.

10 21 13 19-0309 Floor Anchored, Solid Polyester (Corian), Complete Toilet Partitions *(10 21 13 19-0308)*

10 21 13 19-0310	EA	36" x 60", Floor Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete Toilet Partition	5,123.51	128.11
		For >10, Deduct	*-486.73*	
		For Solid Color Material (No Particulate), Deduct	*-1,119.47*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
10 21 13 19-0311	EA	60" x 60", Floor Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	6,192.93	139.50
		For Solid Color Material (No Particulate), Deduct	*-1,360.20*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
10 21 13 19-0312	EA	60" x 78", Floor Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	6,871.19	145.20
		For Solid Color Material (No Particulate), Deduct	*-1,513.58*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	

10 21 13 19-0313 Overhead Braced, Solid Polyester (Corian), Complete Toilet Partitions *(10 21 13 19-0308)*

10 21 13 19-0314	EA	36" x 60", Overhead Braced, Solid Polyester (Corian), One Compartment Corner Unit, Complete Toilet Partition	5,313.02	156.59
		For >10, Deduct	*-499.99*	
		For Solid Color Material (No Particulate), Deduct	*-1,149.97*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
10 21 13 19-0315	EA	60" x 60", Overhead Braced, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	6,993.88	167.97
		For Solid Color Material (No Particulate), Deduct	*-1,531.33*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
10 21 13 19-0316	EA	60" x 78", Overhead Braced, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	7,746.81	173.66
		For Solid Color Material (No Particulate), Deduct	*-1,701.88*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	

10 21 13 19-0317 Floor And Ceiling Anchored, Solid Polyester (Corian), Complete Toilet Partitions *(10 21 13 19-0308)*

Note: Excludes above ceiling steel.

10 21 13 19-0318	EA	36" x 60", Floor And Ceiling Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete Toilet Partition	5,948.27	185.05
		For >10, Deduct	*-557.82*	
		For Solid Color Material (No Particulate), Deduct	*-1,282.98*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
10 21 13 19-0319	EA	60" x 60", Floor And Ceiling Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	8,007.66	196.45
		For Solid Color Material (No Particulate), Deduct	*-1,751.40*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
10 21 13 19-0320	EA	60" x 78", Floor And Ceiling Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	8,760.01	202.13
		For Solid Color Material (No Particulate), Deduct	*-1,921.82*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	

10 21 13 19-0321 Ceiling Hung, Solid Polyester (Corian), Complete Toilet Partitions *(10 21 13 19-0308)*

Note: Excludes above ceiling steel.

10 21 13 19-0322	EA	36" x 60", Ceiling Hung, Solid Polyester (Corian), One Compartment Corner Unit, Complete Toilet Partition	5,998.04	213.52
		For >10, Deduct	*-557.10*	
		For Solid Color Material (No Particulate), Deduct	*-1,281.33*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
10 21 13 19-0323	EA	60" x 60", Ceiling Hung, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	7,679.51	224.91
		For Solid Color Material (No Particulate), Deduct	*-1,662.83*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	
10 21 13 19-0324	EA	60" x 78", Ceiling Hung, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	8,431.85	230.61
		For Solid Color Material (No Particulate), Deduct	*-1,833.25*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*224.59*	

10 21 13 19-0325 Solid Polyester (Corian) Urinal Screens *(10 21 13 19-0307)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0326		**Floor Anchored, Solid Polyester (Corian), Urinal Screens** *(10 21 13 19-0325)*		
10 21 13 19-0327	EA	24" x 58" x 1/2", Floor Anchored, Solid Polyester (Corian), Urinal Screen	1,397.41	79.69
		For Solid Color Material (No Particulate), Deduct	*-284.75*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0328	EA	36" x 58" x 1/2", Floor Anchored, Solid Polyester (Corian), Urinal Screen	1,853.39	85.37
		For Solid Color Material (No Particulate), Deduct	*-387.01*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0329	EA	48" x 58" x 1/2", Floor Anchored, Solid Polyester (Corian), Urinal Screen	2,309.37	91.07
		For Solid Color Material (No Particulate), Deduct	*-489.26*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0330		**Wall Hung, Solid Polyester (Corian), Urinal Screens** *(10 21 13 19-0325)*		
10 21 13 19-0331	EA	18" x 42" x 1/2", Wall Hung, Solid Polyester (Corian), Urinal Screen	705.24	68.30
		For Solid Color Material (No Particulate), Deduct	*-130.79*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0332	EA	24" x 42" x 1/2", Wall Hung, Solid Polyester (Corian), Urinal Screen	906.15	73.99
		For Solid Color Material (No Particulate), Deduct	*-174.38*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0333	EA	30" x 42" x 1/2", Wall Hung, Solid Polyester (Corian), Urinal Screen	1,107.09	79.69
		For Solid Color Material (No Particulate), Deduct	*-217.98*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0334		**Wall Hung And Post Supported, Solid Polyester (Corian), Urinal Screens** *(10 21 13 19-0325)*		
10 21 13 19-0335	EA	18" x 58" x 1/2", Wall Hung And Post Supported, Solid Polyester (Corian), Urinal Screen	927.98	73.99
		For Solid Color Material (No Particulate), Deduct	*-179.40*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0336	EA	24" x 58" x 1/2", Wall Hung And Post Supported, Solid Polyester (Corian), Urinal Screen	1,161.67	79.69
		For Solid Color Material (No Particulate), Deduct	*-230.53*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0337	EA	30" x 58" x 1/2", Wall Hung And Post Supported, Solid Polyester (Corian), Urinal Screen	1,395.34	85.37
		For Solid Color Material (No Particulate), Deduct	*-281.66*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0338		**Wall Hung And Overhead Braced, Solid Polyester (Corian), Urinal Screens** *(10 21 13 19-0325)*		
10 21 13 19-0339	EA	22" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Polyester (Corian), Urinal Screen	1,434.48	73.99
		For Solid Color Material (No Particulate), Deduct	*-295.90*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0340	EA	34" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Polyester (Corian), Urinal Screen	1,890.45	79.69
		For Solid Color Material (No Particulate), Deduct	*-398.15*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0341	EA	46" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Polyester (Corian), Urinal Screen	2,346.43	85.37
		For Solid Color Material (No Particulate), Deduct	*-500.41*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0342		**Solid Polyester (Corian) Toilet Partition Doors, Panels And Pilasters** *(10 21 13 19-0307)*		
10 21 13 19-0343		**Solid Polyester (Corian), Toilet Partition Doors** *(10 21 13 19-0342)*		
10 21 13 19-0344	EA	24" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door	1,119.95	22.77
		For Solid Color Material (No Particulate), Deduct	*-247.11*	
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
10 21 13 19-0345	EA	26" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door	1,196.74	22.77
		For Solid Color Material (No Particulate), Deduct	*-264.77*	
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
10 21 13 19-0346	EA	30" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door	1,364.85	25.62
		For Solid Color Material (No Particulate), Deduct	*-302.13*	
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
10 21 13 19-0347	EA	34" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door	1,523.31	25.62
		For Solid Color Material (No Particulate), Deduct	*-338.57*	
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
10 21 13 19-0348	EA	36" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door	1,592.26	25.62
		For Solid Color Material (No Particulate), Deduct	*-354.43*	
		For Heavy Gauge Full-Height SS Hinge, Add	*100.14*	
10 21 13 19-0349		**Solid Polyester (Corian), Toilet Partition Panels** *(10 21 13 19-0342)*		
10 21 13 19-0350	EA	6" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	290.61	34.16
		For Solid Color Material (No Particulate), Deduct	*-51.12*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0351	EA	12" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	518.61	37.01
		For Solid Color Material (No Particulate), Deduct	*-102.26*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0352	EA	18" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	746.59	39.86
		For Solid Color Material (No Particulate), Deduct	*-153.38*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0353	EA	24" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	974.59	42.71
		For Solid Color Material (No Particulate), Deduct	*-204.51*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0354	EA	30" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	1,202.57	45.55
		For Solid Color Material (No Particulate), Deduct	*-255.64*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0355	EA	36" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	1,430.53	48.40
		For Solid Color Material (No Particulate), Deduct	*-306.76*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0356	EA	42" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	1,658.54	51.25
		For Solid Color Material (No Particulate), Deduct	*-357.89*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0357	EA	48" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	1,886.51	54.10
		For Solid Color Material (No Particulate), Deduct	*-409.02*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0358	EA	55" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	2,151.55	56.94
		For Solid Color Material (No Particulate), Deduct	*-468.66*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0359	EA	58" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	2,264.99	58.08
		For Solid Color Material (No Particulate), Deduct	*-494.23*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0360	EA	60" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	2,342.50	59.78
		For Solid Color Material (No Particulate), Deduct	*-511.27*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0361	EA	70" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	2,718.67	62.63
		For Solid Color Material (No Particulate), Deduct	*-596.48*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0362	EA	78" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	3,020.75	65.48
		For Solid Color Material (No Particulate), Deduct	*-664.65*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	

10 21 13 19-0363 72" Long, Solid Polyester (Corian), Toilet Partition Pilasters *(10 21 13 19-0342)*

10 21 13 19-0364	EA	Up To 4" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	383.03	17.09
		For Solid Color Material (No Particulate), Deduct	*-80.24*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0365	EA	5" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	475.95	19.92
		For Solid Color Material (No Particulate), Deduct	*-100.30*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0366	EA	6" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	568.86	22.77
		For Solid Color Material (No Particulate), Deduct	*-120.36*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0367	EA	8" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	749.02	25.62
		For Solid Color Material (No Particulate), Deduct	*-160.49*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0368	EA	10" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	929.15	28.47
		For Solid Color Material (No Particulate), Deduct	*-200.61*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0369	EA	12" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	1,109.28	31.32
		For Solid Color Material (No Particulate), Deduct	*-240.73*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0370	EA	18" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	1,638.29	34.16
		For Solid Color Material (No Particulate), Deduct	*-361.09*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0371	EA	22" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	1,992.88	37.01
		For Solid Color Material (No Particulate), Deduct	*-441.34*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0372	EA	24" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	2,173.01	39.86
		For Solid Color Material (No Particulate), Deduct	*-481.46*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	

10 21 13 19-0373 82" Long, Solid Polyester (Corian), Toilet Partition Pilasters *(10 21 13 19-0342)*

10 21 13 19-0374	EA	Up To 4" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	431.48	17.09
		For Solid Color Material (No Particulate), Deduct	*-91.38*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0375	EA	5" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	536.54	19.92
		For Solid Color Material (No Particulate), Deduct	*-114.24*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0376	EA	6" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	630.20	22.77
		For Solid Color Material (No Particulate), Deduct	*-134.47*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0377	EA	8" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	861.08	25.62
		For Solid Color Material (No Particulate), Deduct	*-186.26*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0378	EA	10" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	1,050.28	28.47
		For Solid Color Material (No Particulate), Deduct	*-228.47*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0379	EA	12" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	1,254.63	31.32
		For Solid Color Material (No Particulate), Deduct	*-274.16*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0380	EA	18" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	1,856.35	34.16
		For Solid Color Material (No Particulate), Deduct	*-411.24*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0381	EA	22" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	2,259.39	37.01
		For Solid Color Material (No Particulate), Deduct	*-502.64*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0382	EA	24" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	2,463.75	39.86
		For Solid Color Material (No Particulate), Deduct	*-548.33*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	

10 21 13 19-0383 96" To 120" Long, Solid Polyester (Corian), Toilet Partition Pilasters *(10 21 13 19-0342)*

10 21 13 19-0384	EA	Up To 4" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	568.86	22.77
		For Solid Color Material (No Particulate), Deduct	*-120.36*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0385	EA	5" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	705.40	25.62
		For Solid Color Material (No Particulate), Deduct	*-150.45*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0386	EA	6" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	841.93	28.47
		For Solid Color Material (No Particulate), Deduct	*-180.55*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0387	EA	8" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	1,109.28	31.32
		For Solid Color Material (No Particulate), Deduct	*-240.73*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0388	EA	10" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	1,376.63	34.16
		For Solid Color Material (No Particulate), Deduct	*-300.91*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0389	EA	12" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	1,643.98	37.01
		For Solid Color Material (No Particulate), Deduct	*-361.09*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0390	EA	18" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	2,434.67	39.86
		For Solid Color Material (No Particulate), Deduct	*-541.64*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0391	EA	22" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	2,963.70	42.71
		For Solid Color Material (No Particulate), Deduct	*-662.01*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	
10 21 13 19-0392	EA	24" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	3,231.05	45.55
		For Solid Color Material (No Particulate), Deduct	*-722.19*	
		For Heavy Gauge Full-Height SS Brackets, Add	*62.23*	

10 21 13 43 Compartments and Cubicles Common Accessories *(10 21 13)*

10 21 13 43-0001 Accessories *(10 21 13 43)*

10 21 13 43-0002	LF	Extruded Aluminum Headrails For Toilet Partitions And Urinal Screens	14.21	2.28
10 21 13 43-0003	LF	Stainless Steel Headrails For Toilet Partitions And Urinal Screens	25.01	2.28
10 21 13 43-0004	EA	Replacement Of 1-1/2" x 58" Stainless Steel Wall Posts	115.42	
10 21 13 43-0005	EA	Replacement Of 58" Aluminum Wall U Bracket	74.41	
10 21 13 43-0006	EA	Replacement Of 58" Aluminum Wall Two Ear Bracket	124.01	
10 21 13 43-0007	EA	Replacement Of 54" Stainless Steel Wall U Bracket	88.53	
10 21 13 43-0008	EA	Replacement Of 54" Stainless Steel Wall Two Ear Bracket	214.51	
10 21 13 43-0009	EA	Replacement Of 54" Plastic Wall Two Ear Bracket, All Colors	194.61	
10 21 13 43-0010	EA	Replacement Of 57-1/2" Stainless Steel Hinge	144.58	

10 21 16 Shower and Dressing Compartments *(10 21)*

10 21 16 17 Phenolic-Core Shower and Dressing Compartments *(10 21 16)*

10 21 16 17-0001 Shower Dividers *(10 21 16 17)*

10 21 16 17-0002 Solid Phenolic Core Laminated Plastic, Shower Dividers *(10 21 16 17-0001)*

Note: Cut to height in field. panels 58" high. Posts 1-1/4" square, 304 stainless steel satin finish. 1/2" thick panels.

10 21 16 17-0003	EA	18" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider	1,160.54	142.35
		For 66" High Panels, Add	*131.38*	
10 21 16 17-0004	EA	24" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider	1,475.27	153.74
		For 66" High Panels, Add	*175.17*	
10 21 16 17-0005	EA	36" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider	1,926.50	170.82
		For 66" High Panels, Add	*237.73*	
10 21 16 17-0006	EA	48" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider	2,275.36	199.29
		For 66" High Panels, Add	*281.52*	
10 21 16 17-0007	EA	57" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider	2,624.26	227.76
		For 66" High Panels, Add	*325.31*	

10 21 16 17-0008 Solid Phenolic Core Laminated Plastic, Shower Dividers With Headrail And Curtain Track *(10 21 16 17-0001)*

Note: Cut to height in field. Panels 58" high. Posts 1-1/4" square, 304 stainless steel satin finish. 1/2" thick panels. Includes 3/4" stiles, 85" from floor to top of headrail. Head rail 4" wide. All stainless steel shoes and stainless steel fittings. Leveling devices are chromate treated double zinc plated steel. Overhead braced designed with concealed curtain tracks and hooks in head rail.

10 21 16 17-0009	EA	18" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track	2,863.70	250.19
		For 66" High Panels, Add	*404.54*	
		For 6" Wide Head Rail, Add	*75.90*	
		For 8" Wide Head Rail, Add	*104.54*	
		For 10" Wide Head Rail, Add	*128.17*	
		For 12" Wide Head Rail, Add	*154.31*	
		For 18" Wide, 1/2" Thick Bench, Add	*135.04*	
		For 24" Wide, 1/2" Thick Bench, Add	*175.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 16 17-0010	EA	24" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track	3,558.56	273.19
		For 66" High Panels, Add	*506.46*	
		For 6" Wide Head Rail, Add	*95.83*	
		For 8" Wide Head Rail, Add	*131.41*	
		For 10" Wide Head Rail, Add	*161.53*	
		For 12" Wide Head Rail, Add	*194.39*	
		For 18" Wide, 1/2" Thick Bench, Add	*139.65*	
		For 24" Wide, 1/2" Thick Bench, Add	*179.65*	
10 21 16 17-0011	EA	36" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track	4,519.93	290.50
		For 66" High Panels, Add	*648.94*	
		For 6" Wide Head Rail, Add	*123.98*	
		For 8" Wide Head Rail, Add	*169.18*	
		For 10" Wide Head Rail, Add	*208.57*	
		For 12" Wide Head Rail, Add	*250.86*	
		For 18" Wide, 1/2" Thick Bench, Add	*143.10*	
		For 24" Wide, 1/2" Thick Bench, Add	*183.10*	
10 21 16 17-0012	EA	48" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track	4,820.65	325.01
		For 66" High Panels, Add	*690.60*	
		For 6" Wide Head Rail, Add	*131.62*	
		For 8" Wide Head Rail, Add	*179.83*	
		For 10" Wide Head Rail, Add	*221.53*	
		For 12" Wide Head Rail, Add	*266.49*	
		For 18" Wide, 1/2" Thick Bench, Add	*150.00*	
		For 24" Wide, 1/2" Thick Bench, Add	*190.00*	
10 21 16 17-0013	EA	57" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track	5,525.83	353.25
		For 66" High Panels, Add	*793.55*	
		For 6" Wide Head Rail, Add	*151.65*	
		For 8" Wide Head Rail, Add	*206.90*	
		For 10" Wide Head Rail, Add	*255.10*	
		For 12" Wide Head Rail, Add	*306.82*	
		For 18" Wide, 1/2" Thick Bench, Add	*155.65*	
		For 24" Wide, 1/2" Thick Bench, Add	*195.65*	

10 22 Partitions *(10 20)*

10 22 13 Wire Mesh Partitions *(10 22)*

10 22 13 00-0001 Wall Panels *(10 22 13)*

Note: Includes steel frame and posts. Posts bolted to floor.

10 22 13 00-0002	SF	Wire Mesh Wall Panel, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	14.10	1.42
		For 5' Wide Panels, Add	*0.56*	
10 22 13 00-0003	SF	Wire Mesh Wall Panel, 8 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	15.61	1.71
		For 5' Wide Panels, Add	*0.61*	
10 22 13 00-0004	SF	Wire Mesh Wall Panel, 6 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	23.73	1.99
		For 5' Wide Panels, Add	*0.99*	

10 22 13 00-0005 Ceiling Panels *(10 22 13)*

Note: Includes steel frame.

10 22 13 00-0006	SF	Wire Mesh Ceiling Panel, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	14.61	1.71
10 22 13 00-0007	SF	Wire Mesh Ceiling Panel, 8 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	16.13	1.99
10 22 13 00-0008	SF	Wire Mesh Ceiling Panel, 6 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	17.87	2.28

10 22 13 00-0009 Sliding Doors *(10 22 13)*

Note: Includes padlocks lugs and/or provisions for cylinder lock.

10 22 13 00-0010	EA	4' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock	1,336.61	298.93
		For 8 Gauge, Add	*140.70*	
		For 6 Gauge, Add	*281.41*	
10 22 13 00-0011	EA	4' x 10' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock	1,409.25	330.25
		For 8 Gauge, Add	*145.34*	
		For 6 Gauge, Add	*290.68*	
10 22 13 00-0012	EA	5' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock	1,539.71	341.64
		For 8 Gauge, Add	*162.63*	
		For 6 Gauge, Add	*325.26*	
10 22 13 00-0013	EA	5' x 10' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock	1,679.29	370.11
		For 8 Gauge, Add	*177.87*	
		For 6 Gauge, Add	*355.74*	
10 22 13 00-0014	EA	6' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock	1,737.35	392.88
		For 8 Gauge, Add	*182.03*	
		For 6 Gauge, Add	*364.05*	
10 22 13 00-0015	EA	6' x 10' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock	1,910.63	415.66
		For 8 Gauge, Add	*203.46*	
		For 6 Gauge, Add	*406.93*	
10 22 13 00-0016	EA	8' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock	2,053.40	446.98
		For 8 Gauge, Add	*218.61*	
		For 6 Gauge, Add	*437.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 22 13 00-0017	EA	8' x 10' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock	2,233.49	466.90
		For 8 Gauge, Add	*241.64*	
		For 6 Gauge, Add	*483.29*	
10 22 13 00-0018	EA	10' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock	2,253.76	478.29
		For 8 Gauge, Add	*242.41*	
		For 6 Gauge, Add	*484.81*	
10 22 13 00-0019	EA	10' x 10' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock	2,485.99	506.76
		For 8 Gauge, Add	*271.55*	
		For 6 Gauge, Add	*543.09*	

10 22 13 00-0020 Swing Doors *(10 22 13)*

10 22 13 00-0021 Single Swing Door *(10 22 13 00-0020)*

10 22 13 00-0022	EA	3' x 7' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Swing Door, With Cylinder Lock	912.98	176.51
		For 8 Gauge, Add	*98.99*	
		For 6 Gauge, Add	*197.98*	
10 22 13 00-0023	EA	3' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Swing Door, With Cylinder Lock	982.06	199.29
		For 8 Gauge, Add	*107.45*	
		For 6 Gauge, Add	*214.90*	
10 22 13 00-0024	EA	3' x 9' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Swing Door, With Cylinder Lock	1,052.41	210.67
		For 8 Gauge, Add	*115.73*	
		For 6 Gauge, Add	*231.45*	
10 22 13 00-0025	EA	4' x 7' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Swing Door, With Cylinder Lock	1,039.00	227.76
		For 8 Gauge, Add	*110.30*	
		For 6 Gauge, Add	*220.60*	
10 22 13 00-0026	EA	4' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Swing Door, With Cylinder Lock	1,111.85	239.14
		For 8 Gauge, Add	*118.95*	
		For 6 Gauge, Add	*237.90*	
10 22 13 00-0027	EA	4' x 9' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Swing Door, With Cylinder Lock	1,161.80	250.53
		For 8 Gauge, Add	*124.16*	
		For 6 Gauge, Add	*248.33*	

10 22 13 00-0028 Double Swing Doors *(10 22 13 00-0020)*

10 22 13 00-0029	EA	6' x 7' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Double Swing Door, With Cylinder Lock	1,443.35	284.70
		For 8 Gauge, Add	*159.56*	
		For 6 Gauge, Add	*319.13*	
10 22 13 00-0030	EA	6' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Double Swing Door, With Cylinder Lock	1,561.75	301.78
		For 8 Gauge, Add	*173.91*	
		For 6 Gauge, Add	*347.81*	
10 22 13 00-0031	EA	6' x 9' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Double Swing Door, With Cylinder Lock	1,680.13	318.86
		For 8 Gauge, Add	*188.25*	
		For 6 Gauge, Add	*376.49*	
10 22 13 00-0032	EA	8 x 7' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Double Swing Door, With Cylinder Lock	1,803.41	341.64
		For 8 Gauge, Add	*202.18*	
		For 6 Gauge, Add	*404.37*	
10 22 13 00-0033	EA	8 x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Double Swing Door, With Cylinder Lock	1,973.40	358.72
		For 8 Gauge, Add	*224.27*	
		For 6 Gauge, Add	*448.53*	
10 22 13 00-0034	EA	8 x 9' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Double Swing Door, With Cylinder Lock	2,141.43	375.80
		For 8 Gauge, Add	*246.05*	
		For 6 Gauge, Add	*492.11*	

10 22 13 00-0035 Dutch Doors *(10 22 13)*

Note: Includes padlocks lugs and/or provisions for cylinder lock.

10 22 13 00-0036	EA	3' x 7' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Dutch Door, With Cylinder Lock	1,234.03	176.51
		For 8 Gauge, Add	*147.15*	
		For 6 Gauge, Add	*294.29*	
10 22 13 00-0037	EA	3' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Dutch Door, With Cylinder Lock	1,308.83	199.29
		For 8 Gauge, Add	*156.47*	
		For 6 Gauge, Add	*312.93*	
10 22 13 00-0038	EA	3' x 9' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Dutch Door, With Cylinder Lock	1,347.44	210.67
		For 8 Gauge, Add	*159.98*	
		For 6 Gauge, Add	*319.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 22 13 00-0039	EA	3' x 10' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Dutch Door, With Cylinder Lock	1,420.19	239.14
		For 8 Gauge, Add	*165.20*	
		For 6 Gauge, Add	*330.40*	
10 22 13 00-0040	EA	4' x 7' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Dutch Door, With Cylinder Lock	1,364.69	227.76
		For 8 Gauge, Add	*159.15*	
		For 6 Gauge, Add	*318.30*	
10 22 13 00-0041	EA	4' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Dutch Door, With Cylinder Lock	1,447.75	239.14
		For 8 Gauge, Add	*169.33*	
		For 6 Gauge, Add	*338.67*	

10 22 19 Demountable Partitions *(10 22)*

10 22 19 13 Demountable Metal Partitions *(10 22 19)*

10 22 19 13-0001	LF	9' High Demountable Partition, 1.75 System, Aluminum Framed, Vinyl Clad Hardboard, Paper Honeycomb Core, 1.75"/2.5" Thick	176.58	18.11
		For >9, Add 22.07		
10 22 19 13-0002	LF	7' High Demountable Partition, 1.75 System, Aluminum Framed, Vinyl Clad Hardboard, Paper Honeycomb Core, 1.75"/2.5" Thick	155.31	14.42
		For >9, Add 19.41		
10 22 19 13-0003	LF	5' High Demountable Partition, 1.75 System, Aluminum Framed, Vinyl Clad Hardboard, Paper Honeycomb Core, 1.75"/2.5" Thick	134.06	10.84
		For >9, Add 16.76		
10 22 19 13-0004	LF	9' High Demountable Partition, Moveable Steel Wall, Mod System, Unitized Panel, 48" Wide, Backed Enamel	263.59	14.42
		For >9, Add 32.95		
10 22 19 13-0005	LF	9' High Demountable Partition, Moveable Steel Wall, Mod System, Unitized Panels, 48" Wide, Fabric	390.58	15.51
		For >9, Add 48.82		

10 22 19 43 Demountable Composite Partitions *(10 22 19)*

10 22 19 43-0001	LF	Demountable Partition, Mineral Fiber System, Unitized Panel, 9' High, 2-1/4" Thick, Aluminum Frame, Vinyl Clad	274.78	18.11
		For >9, Add 34.35		
10 22 19 43-0002	LF	Demountable Partition, Mineral Fiber System, Unitized Panel, 9' High, 2-1/4" Thick, Aluminum Frame, Fabric Clad	344.78	19.73
		For >9, Add 43.10		
10 22 19 43-0003	SF	Partition, Trackless Wall, Cork Finish, Semi-Acoustic, 1-5/8" Thick	57.96	2.71
		For Acoustical Partitions, Add	*5.26*	
10 22 19 43-0004	SF	Partition, Trackless Wall, Cork Finish, Semi-Acoustic, 1-5/8" Thick	72.26	4.55
		For Acoustical Partitions, Add	*6.31*	
10 22 19 43-0005	SF	Partition, Trackless Wall, Cork Finish, Acoustic, 2" Thick	61.81	2.82
		For Acoustical Partitions, Add	*5.61*	
10 22 19 43-0006	SF	Partition, Trackless Wall, Cork Finish, Acoustic, 2" Thick	88.46	3.90
		For Acoustical Partitions, Add	*8.08*	

10 22 19 53 Demountable Gypsum Partitions *(10 22 19)*

10 22 19 53-0001 Demountable Gypsum Partitions *(10 22 19 53)*

10 22 19 53-0002	LF	9' High Demountable Partition Gypsum System, 2" To 2.5" Steel Standard, 3" To 3-3/4" Thick, Vinyl Clad	144.54	18.11
		For >9, Add 18.07		
10 22 19 53-0003	LF	9' High Demountable Partition Gypsum System, 2" To 2.5" Steel Standard, 3" To 3-3/4" Thick, Fabric Clad	259.02	19.73
		For >9, Add 32.38		
10 22 19 53-0004	LF	9' High Demountable Partition Gypsum System, 2" To 2.5", Steel Standard, 3" To 3-3/4" Thick, Steel Clad	278.13	21.69
		For >9, Add 34.77		
10 22 19 53-0005	LF	9' High Demountable Partition Gypsum System, Unitized Panel, 2" To 2-1/2" Thick, Vinyl Clad	222.13	18.11
		For >9, Add 27.77		
10 22 19 53-0006	LF	9' High Demountable Partition Gypsum System, Unitized Panel, 2" To 2-1/2" Thick, Fabric Clad	372.85	19.73
		For >9, Add 46.61		

10 22 23 Portable Partitions, Screens, and Panels *(10 22)*

Note: Includes standard units, standard height glass and glazing. For 25 percent and 50 percent glass 1/4" plate glass is used. For 100 percent glass 1/4" tempered plate is used.

10 22 23 23 Movable Panel Systems *(10 22 23)*

10 22 23 23-0001 Portable Partitions *(10 22 23 23)*

10 22 23 23-0002	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 3'-0" Long, 4' High	350.80	8.68
10 22 23 23-0003	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 3'-0" Long, 5' High	373.79	9.65
10 22 23 23-0004	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 3'-0" Long, 6' High	444.34	11.60
10 22 23 23-0005	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 5'-0" Long, 4' High	259.13	4.99
10 22 23 23-0006	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 5'-0" Long, 5' High	274.82	5.74
10 22 23 23-0007	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 5'-0" Long, 6' High	308.72	6.94
10 22 23 23-0008	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 6'-0" Long, 5' High	263.43	5.31
10 22 23 23-0009	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Curved, 3'-0" Long, 5' High	468.56	9.65
10 22 23 23-0010	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Curved, 3'-0" Long, 6' High	514.54	11.60
10 22 23 23-0011	LF	Partitions, Portable, Economical Panels, Fabric Face, 4'-0" Long, 5' High	272.88	6.61
10 22 23 23-0012	LF	Partitions, Portable, Economical Panels, Fabric Face, 4'-0" Long, 6' High	310.33	7.70
10 22 23 23-0013	LF	Partitions, Portable, Economical Panels, Fabric Face, 5'-0" Long, 5' High	250.25	5.74
10 22 23 23-0014	LF	Partitions, Portable, Economical Panels, Fabric Face, 5'-0" Long, 6' High	280.64	6.94
10 22 23 23-0015	LF	Partitions, Portable, Economical Panels, Fabric Face, 3'-0" Curved, 5' High	415.91	9.65
10 22 23 23-0016	LF	Partitions, Portable, Economical Panels, Fabric Face, 3'-0" Curved, 6' High	468.91	11.60

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 22 23 23-0017	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 3'-0" Long, 5' High	422.93	9.65
10 22 23 23-0018	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 3'-0" Long, 6' High	514.54	11.60
10 22 23 23-0019	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 5'-0" Long, 5' High	327.47	5.74
10 22 23 23-0020	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 5'-0" Long, 6' High	368.39	6.94
10 22 23 23-0021	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 6'-0" Long, 5' High	345.92	5.31
10 22 23 23-0022	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 6'-0" Long, 6' High	412.72	6.29
10 22 23 23-0023	LF	Partitions, Portable, Economical Acoustic Panels, 40 NRC, 4'-0" Long, 5' High	199.17	6.61
10 22 23 23-0024	LF	Partitions, Portable, Economical Acoustic Panels, 40 NRC, 4'-0" Long, 6' High	234.87	7.70
10 22 23 23-0025	LF	Partitions, Portable, Economical Acoustic Panels, 40 NRC, 5'-0" Long, 6' High	212.20	6.94
10 22 23 23-0026	LF	Partitions, Portable, Economical Acoustic Panels, 40 NRC, 6'-0" Long, 5' High	154.62	5.31
10 22 23 23-0027	LF	Partitions, Portable, Metal Chalkboard, 6'-6" High, 1 Side	252.56	6.94
10 22 23 23-0028	LF	Partitions, Portable, Metal Chalkboard, 2 Sides	288.24	7.27
10 22 23 23-0029	LF	Partitions, Portable, Tackboard, Both Sides	231.73	7.04

10 22 23 23-0030 Adjustable Barrier Panel System (Edge Guard) *(10 22 23 23)*

Note: Panels are opal or transparent. Includes self-leveling floor channel, 1/4" foam gasket to conform to ceiling, edge gaskets, grid clips, and cam locks.

10 22 23 23-0031	EA	4' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4000)	722.36	
10 22 23 23-0032	EA	3' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4001)	686.05	
10 22 23 23-0033	EA	2' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4002)	540.79	
10 22 23 23-0034	EA	2' Wide x 7'-8" To 10' High With High Efficiency Particulate Air (HEPA) Filtered Air Discharge Port, Fire Rated Containment Panel Assembly (Edge Guard 4002.1)	625.52	
10 22 23 23-0035	EA	4' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly With 44" Door (Edge Guard 4003)	1,224.72	
10 22 23 23-0036	EA	7'-8" To 10' High, Hinged Corner Assembly (Edge Guard 4004)	246.71	
10 22 23 23-0037	EA	6" Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4005)	330.92	
10 22 23 23-0038	EA	12" Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4006)	355.13	
10 22 23 23-0039	EA	7'-8" To 10' High, Outside Corner Post (Edge Guard 4007)	204.35	
10 22 23 23-0040	EA	4'-4" Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly With 48" Door (Edge Guard 4008) Note: Includes a hydraulic closer and a lever style lockset standard.	1,466.82	
10 22 23 23-0041	EA	7'-8" To 10' High, "T" Post Corner Assembly (Edge Guard 4009)	204.35	
10 22 23 23-0042	EA	3' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly With 32" Door (Edge Guard 4010) Note: Includes a hydraulic closer and a lever style lockset standard.	1,103.67	
10 22 23 23-0043	EA	Closure Strips (Edge Guard 3003) Note: To seal panels to existing walls	14.69	
10 22 23 23-0044	EA	Digital Differential Pressure Gauge Kit (Edge Guard 3005)	338.59	

10 22 33 Accordion Folding Partitions *(10 22)*

10 22 33 00-0001 Accordion Doors/Partitions *(10 22 33)*

Note: Includes top support track and assembled panels.

10 22 33 00-0002	SF	15 STC Rating, Accordion Door/Partition With Standard Vinyl Finish	93.02	5.37
		For <135, Add	*18.60*	
10 22 33 00-0003	SF	20 STC Rating, Accordion Door/Partition With Standard Vinyl Finish	94.43	5.55
		For <135, Add	*18.89*	
10 22 33 00-0004	SF	31 STC Rating, Accordion Door/Partition With Standard Vinyl Finish	98.92	5.72
		For <135, Add	*19.78*	
10 22 33 00-0005	SF	35 STC Rating, Accordion Door/Partition With Standard Vinyl Finish	105.00	5.91
		For <135, Add	*21.00*	
10 22 33 00-0006	SF	39 STC Rating, Accordion Door/Partition With Standard Vinyl Finish	106.81	6.09
		For <135, Add	*21.36*	
10 22 33 00-0007	SF	40 STC Rating, Accordion Door/Partition With Standard Vinyl Finish	108.08	6.27
		For <135, Add	*21.62*	
10 22 33 00-0008	SF	41 STC Rating, Accordion Door/Partition With Standard Vinyl Finish	109.31	6.44
		For <135, Add	*21.86*	
10 22 33 00-0009	SF	44 STC Rating, Accordion Door/Partition With Standard Vinyl Finish	110.83	6.80
		For <135, Add	*22.17*	
10 22 33 00-0010	SF	47 STC Rating, Accordion Door/Partition With Standard Vinyl Finish	117.59	6.80
		For <135, Add	*23.52*	
10 22 33 00-0011	SF	50 STC Rating, Accordion Door/Partition With Standard Vinyl Finish	124.36	6.80
		For <135, Add	*24.87*	

10 22 43 Sliding Partitions *(10 22)*

10 22 43 00-0001 Operable Wall *(10 22 43)*

Note: Includes top support track, assembled panel and frames.

10 22 43 00-0002	SF	Up To 720 SF, Up To 12' Height Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating Note: Includes pocket door, two ADA pass doors, track and hardware.	247.73	22.13
		For 43 STC, Deduct	*-11.72*	
		For 49 STC, Add	*14.88*	
		For 52 STC, Add	*22.54*	
10 22 43 00-0003	SF	>720 To 1,200 SF, Up To 12 High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating Note: Includes pocket door, two ADA pass doors, track and hardware.	230.34	17.83
		For 43 STC, Deduct	*-11.47*	
		For 49 STC, Add	*14.56*	
		For 52 STC, Add	*22.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 22 43 00-0004	SF	>1,200 SF, Up To 12' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	217.50	14.80
		Note: Includes pocket door, two ADA pass doors, track and hardware.		
		For 43 STC, Deduct	*-11.23*	
		For 49 STC, Add	*14.25*	
		For 52 STC, Add	*21.59*	
10 22 43 00-0005	SF	Up To 1,080 SF, >12' To 18' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	211.37	15.55
		Note: Includes pocket door, two ADA pass doors, track and hardware.		
		For 43 STC, Deduct	*-10.67*	
		For 49 STC, Add	*13.55*	
		For 52 STC, Add	*20.53*	
10 22 43 00-0006	SF	>1,080 To 1,800 SF, >12' To 18' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	198.01	12.64
		Note: Includes pocket door, two ADA pass doors, track and hardware.		
		For 43 STC, Deduct	*-10.37*	
		For 49 STC, Add	*13.16*	
		For 52 STC, Add	*19.95*	
10 22 43 00-0007	SF	>1,800 SF, >12' To 18' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	190.10	11.38
		Note: Includes pocket door, two ADA pass doors, track and hardware.		
		For 43 STC, Deduct	*-10.12*	
		For 49 STC, Add	*12.85*	
		For 52 STC, Add	*19.46*	
10 22 43 00-0008	SF	Up To 1,440 SF, >18' To 22'-3" High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	187.83	12.27
		Note: Includes pocket door, two ADA pass doors, track and hardware.		
		For 43 STC, Deduct	*-9.80*	
		For 49 STC, Add	*12.44*	
		For 52 STC, Add	*18.85*	
10 22 43 00-0009	SF	>1,440 To 2,400 SF, >18' To 22'-3" High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	177.64	10.50
		Note: Includes pocket door, two ADA pass doors, track and hardware.		
		For 43 STC, Deduct	*-9.49*	
		For 49 STC, Add	*12.05*	
		For 52 STC, Add	*18.25*	
10 22 43 00-0010	SF	>2,400 SF, >18' To 22'-3" High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	170.60	9.36
		Note: Includes pocket door, two ADA pass doors, track and hardware.		
		For 43 STC, Deduct	*-9.25*	
		For 49 STC, Add	*11.74*	
		For 52 STC, Add	*17.79*	
10 22 43 00-0011	SF	Up To 160 SF, 10' Height Paired Panel Manual Operable Wall, Vinyl Finish, Top Sweep Seals And Mechanical Bottom Seals, 47 STC Rating	194.68	14.80
		Note: Includes pocket door, track and hardware.		
		For 44 STC, Deduct	*-9.73*	
		For 49 STC, Add	*12.35*	
		For 52 STC, Add	*18.71*	
10 22 43 00-0012	SF	>160 To 240 SF, 10' Height Paired Panel Manual Operable Wall, Vinyl Finish, Top Sweep Seals And Mechanical Bottom Seals, 47 STC Rating	179.81	11.25
		Note: Includes pocket door, track and hardware.		
		For 44 STC, Deduct	*-9.47*	
		For 49 STC, Add	*12.02*	
		For 52 STC, Add	*18.21*	
10 22 43 00-0013	SF	>240 SF, 10' Height Paired Panel Manual Operable Wall, Vinyl Finish, Top Sweep Seals And Mechanical Bottom Seals, 47 STC Rating	171.14	9.48
		Note: Includes pocket door, track and hardware.		
		For 44 STC, Deduct	*-9.25*	
		For 49 STC, Add	*11.74*	
		For 52 STC, Add	*17.79*	

10 26 Wall and Door Protection *(10 20)*

10 26 13 Corner Guards *(10 26)*

10 26 13 00-0001 Vinyl Corner Guards *(10 26 13)*

10 26 13 00-0002 Rigid Vinyl Corner Guards *(10 26 13 00-0001)*

10 26 13 00-0003 Surface Mounted, Rigid Vinyl Corner Guards *(10 26 13 00-0002)*

10 26 13 00-0004 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guards *(10 26 13 00-0003)*

10 26 13 00-0005	LF	3/4" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-34)	7.79	3.41
		For >50 To 100, Deduct	*-1.43*	
		For >100 To 200, Deduct	*-2.00*	
		For >200, Deduct	*-2.67*	
10 26 13 00-0006	LF	1-1/2" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-12)	8.30	3.41
		For >50 To 100, Deduct	*-1.43*	
		For >100 To 200, Deduct	*-2.00*	
		For >200, Deduct	*-2.70*	
10 26 13 00-0007	LF	3" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-13)	11.11	3.41
		For >50 To 100, Deduct	*-1.43*	
		For >100 To 200, Deduct	*-2.00*	
		For >200, Deduct	*-2.84*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 13 00-0008	LF	4" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-14)	14.63	3.41
		For >50 To 100, Deduct	*-1.43*	
		For >100 To 200, Deduct	*-2.00*	
		For >200, Deduct	*-3.01*	
10 26 13 00-0009		135 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guards *(10 26 13 00-0003)*		
10 26 13 00-0010	LF	1-1/2" Wing, 135 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-1245)	14.00	3.41
		For >50 To 100, Deduct	*-1.43*	
		For >100 To 200, Deduct	*-2.00*	
		For >200, Deduct	*-2.98*	
10 26 13 00-0011		Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0001)*		
		Note: Includes closure caps.		
10 26 13 00-0012		Surface Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0011)*		
10 26 13 00-0013		90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0012)*		
10 26 13 00-0014	LF	2" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-20)	14.27	5.12
		For >50 To 100, Deduct	*-2.13*	
		For >100 To 200, Deduct	*-2.99*	
		For >200, Deduct	*-4.13*	
		For Recycled Vinyl Retainer, Deduct	*-1.15*	
10 26 13 00-0015	LF	3" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-10)	15.83	5.12
		For >50 To 100, Deduct	*-2.13*	
		For >100 To 200, Deduct	*-2.99*	
		For >200, Deduct	*-4.20*	
		For Recycled Vinyl Retainer, Deduct	*-1.46*	
10 26 13 00-0016	LF	Bullnose 3" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-30)	17.40	5.12
		For >50 To 100, Deduct	*-2.13*	
		For >100 To 200, Deduct	*-2.99*	
		For >200, Deduct	*-4.28*	
		For Recycled Vinyl Retainer, Deduct	*-1.77*	
10 26 13 00-0017		135 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0012)*		
10 26 13 00-0018	LF	3" Wing, 135 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-135)	20.33	5.12
		For >50 To 100, Deduct	*-2.13*	
		For >100 To 200, Deduct	*-2.99*	
		For >200, Deduct	*-4.43*	
		For Recycled Vinyl Retainer, Deduct	*-2.36*	
10 26 13 00-0019		End Wall Protector, Surface Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0012)*		
		Note: Includes two rigid vinyl corner guards with aluminum retainers and a vinyl wall covering filler strip inserted between guards.		
10 26 13 00-0020	LF	2" Wing, End Wall Protector, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-11)	28.80	6.83
		For >50 To 100, Deduct	*-2.85*	
		For >100 To 200, Deduct	*-3.98*	
		For >200, Deduct	*-5.99*	
		For Recycled Vinyl Retainer, Deduct	*-3.48*	
10 26 13 00-0021		Flush Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0011)*		
10 26 13 00-0022		90 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0021)*		
10 26 13 00-0023	LF	2" Wing, 90 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-72)	18.77	5.12
		For >50 To 100, Deduct	*-2.13*	
		For >100 To 200, Deduct	*-2.99*	
		For >200, Deduct	*-4.35*	
		For Up To 2 HR Fire Rated, Add	*7.17*	
10 26 13 00-0024	LF	3" Wing, 90 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-7)	22.49	5.12
		For >50 To 100, Deduct	*-2.13*	
		For >100 To 200, Deduct	*-2.99*	
		For >200, Deduct	*-4.54*	
		For Up To 2 HR Fire Rated, Add	*9.77*	
10 26 13 00-0025	LF	Bullnose 3" Wing, 90 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-32)	20.89	5.12
		For >50 To 100, Deduct	*-2.13*	
		For >100 To 200, Deduct	*-2.99*	
		For >200, Deduct	*-4.46*	
		For Up To 2 HR Fire Rated, Add	*8.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 13 00-0026		135 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0021)*		
10 26 13 00-0027	LF	3" Wing, 135 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-75)	24.07	5.12
		For >50 To 100, Deduct	*-2.13*	
		For >100 To 200, Deduct	*-2.99*	
		For >200, Deduct	*-4.62*	
		For Up To 2 HR Fire Rated, Add	*10.88*	
10 26 13 00-0028		End Wall Protector, Flush Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0021)*		
		Note: Includes two rigid vinyl corner guards with aluminum retainers and a vinyl wall covering filler strip inserted between guards.		
10 26 13 00-0029	LF	2" Wing, End Wall Protector, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-888)	49.90	6.83
		For >50 To 100, Deduct	*-2.85*	
		For >100 To 200, Deduct	*-3.98*	
		For >200, Deduct	*-7.05*	
		For Up To 2 HR Fire Rated, Add	*26.96*	
10 26 13 00-0030		Flexible Vinyl Corner Guards *(10 26 13 00-0001)*		
		Note: Includes adhesive for installation.		
10 26 13 00-0031		Surface Mounted, Flexible Vinyl Corner Guards *(10 26 13 00-0030)*		
10 26 13 00-0032		90 Degree Angle, Surface Mounted, Flexible Vinyl Corner Guards *(10 26 13 00-0031)*		
10 26 13 00-0033	LF	1-3/4" Wing, 90 Degree Angle, Surface Mounted, Flexible Vinyl Corner Guard (Pawling CG-9)	10.53	3.41
		For >50 To 100, Deduct	*-1.43*	
		For >100 To 200, Deduct	*-2.00*	
		For >200, Deduct	*-2.81*	
		For Bolting To Concrete Or Masonry, Add	*2.43*	
10 26 13 00-0034	LF	2-1/2" Wing, 90 Degree Angle, Surface Mounted, Flexible Vinyl Corner Guard (Pawling CG-3)	13.32	3.41
		For >50 To 100, Deduct	*-1.43*	
		For >100 To 200, Deduct	*-2.00*	
		For >200, Deduct	*-2.95*	
		For Bolting To Concrete Or Masonry, Add	*2.85*	
10 26 13 00-0035	LF	4" Wing, 90 Degree Angle, Surface Mounted, Flexible Vinyl Corner Guard (Pawling CG-15)	15.59	3.41
		For >50 To 100, Deduct	*-1.43*	
		For >100 To 200, Deduct	*-2.00*	
		For >200, Deduct	*-3.06*	
		For Bolting To Concrete Or Masonry, Add	*3.19*	
10 26 13 00-0036		Polycarbonate Corner Guards *(10 26 13)*		
10 26 13 00-0037		Surface Mounted, Polycarbonate Corner Guards *(10 26 13 00-0036)*		
10 26 13 00-0038		90 Degree Angle, Surface Mounted, Polycarbonate Corner Guards *(10 26 13 00-0037)*		
10 26 13 00-0039	LF	3/4" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-16)	7.16	3.41
		For >50 To 100, Deduct	*-1.43*	
		For >100 To 200, Deduct	*-2.00*	
		For >200, Deduct	*-2.64*	
10 26 13 00-0040	LF	1-1/8" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-17)	8.53	3.41
		For >50 To 100, Deduct	*-1.43*	
		For >100 To 200, Deduct	*-2.00*	
		For >200, Deduct	*-2.71*	
10 26 13 00-0041	LF	2" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-24)	10.12	3.41
		For >50 To 100, Deduct	*-1.43*	
		For >100 To 200, Deduct	*-2.00*	
		For >200, Deduct	*-2.79*	
10 26 13 00-0042	LF	2-1/2" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-18)	11.09	3.41
		For >50 To 100, Deduct	*-1.43*	
		For >100 To 200, Deduct	*-2.00*	
		For >200, Deduct	*-2.83*	
10 26 13 00-0043	LF	Bullnose 2-1/2" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-23)	10.73	3.41
		For >50 To 100, Deduct	*-1.43*	
		For >100 To 200, Deduct	*-2.00*	
		For >200, Deduct	*-2.82*	
10 26 13 00-0044		135 Degree Angle, Surface Mounted, Polycarbonate Corner Guards *(10 26 13 00-0037)*		
10 26 13 00-0045	LF	2-1/2" Wing, 135 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-19)	11.09	3.41
		For >50 To 100, Deduct	*-1.43*	
		For >100 To 200, Deduct	*-2.00*	
		For >200, Deduct	*-2.83*	
10 26 13 00-0046		Aluminum Corner Guards *(10 26 13)*		
10 26 13 00-0047		Surface Mounted, Aluminum Corner Guards *(10 26 13 00-0046)*		
10 26 13 00-0048		90 Degree Angle, Surface Mounted, Aluminum Corner Guards *(10 26 13 00-0047)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 13 00-0049	LF	1" Wing, 90 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-400)	9.93	3.41
		For >50 To 100, Deduct	*-1.43*	
		For >100 To 200, Deduct	*-2.00*	
		For >200, Deduct	*-2.78*	
10 26 13 00-0050	LF	2" Wing, 90 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-401)	11.78	3.41
		For >50 To 100, Deduct	*-1.43*	
		For >100 To 200, Deduct	*-2.00*	
		For >200, Deduct	*-2.87*	
10 26 13 00-0051	LF	3" Wing, 90 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-402)	12.92	3.41
		For >50 To 100, Deduct	*-1.43*	
		For >100 To 200, Deduct	*-2.00*	
		For >200, Deduct	*-2.93*	
10 26 13 00-0052		135 Degree Angle, Surface Mounted, Aluminum Corner Guards *(10 26 13 00-0047)*		
10 26 13 00-0053	LF	1" Wing, 135 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-403)	9.93	3.41
		For >50 To 100, Deduct	*-1.43*	
		For >100 To 200, Deduct	*-2.00*	
		For >200, Deduct	*-2.78*	
10 26 13 00-0054	LF	2" Wing, 135 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-404)	11.78	3.41
		For >50 To 100, Deduct	*-1.43*	
		For >100 To 200, Deduct	*-2.00*	
		For >200, Deduct	*-2.87*	
10 26 13 00-0055	LF	3" Wing, 135 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-405)	12.92	3.41
		For >50 To 100, Deduct	*-1.43*	
		For >100 To 200, Deduct	*-2.00*	
		For >200, Deduct	*-2.93*	
10 26 13 00-0056		Steel Corner Guards *(10 26 13)*		
10 26 13 00-0057		Steel Angle Iron, Corner Guards *(10 26 13 00-0056)*		
10 26 13 00-0058		Surface Mounted, Steel Angle Iron, Corner Guards *(10 26 13 00-0057)*		
10 26 13 00-0059		90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guards *(10 26 13 00-0058)*		
10 26 13 00-0060	LF	1" x 1" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	12.81	4.10
		For Galvanizing, Add	*2.09*	
		For >50 To 100, Deduct	*-1.71*	
		For >100 To 200, Deduct	*-2.39*	
		For >200, Deduct	*-3.37*	
10 26 13 00-0061	LF	2" x 2" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	16.13	4.44
		For Galvanizing, Add	*3.06*	
		For >50 To 100, Deduct	*-1.85*	
		For >100 To 200, Deduct	*-2.59*	
		For >200, Deduct	*-3.77*	
10 26 13 00-0062	LF	2" x 3" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	17.14	4.61
		For Galvanizing, Add	*3.31*	
		For >50 To 100, Deduct	*-1.92*	
		For >100 To 200, Deduct	*-2.69*	
		For >200, Deduct	*-3.93*	
10 26 13 00-0063	LF	3" x 3" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	17.54	4.78
		For Galvanizing, Add	*3.35*	
		For >50 To 100, Deduct	*-1.99*	
		For >100 To 200, Deduct	*-2.79*	
		For >200, Deduct	*-4.07*	
10 26 13 00-0064	LF	3" x 4" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	21.63	4.95
		For Galvanizing, Add	*4.68*	
		For >50 To 100, Deduct	*-2.06*	
		For >100 To 200, Deduct	*-2.89*	
		For >200, Deduct	*-4.38*	
10 26 13 00-0065	LF	4" x 4" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	25.74	5.12
		For Galvanizing, Add	*6.02*	
		For >50 To 100, Deduct	*-2.13*	
		For >100 To 200, Deduct	*-2.99*	
		For >200, Deduct	*-4.70*	
10 26 13 00-0066	LF	6" x 6" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	43.48	6.83
		For Galvanizing, Add	*11.24*	
		For >50 To 100, Deduct	*-2.85*	
		For >100 To 200, Deduct	*-3.98*	
		For >200, Deduct	*-6.73*	
10 26 13 00-0067		Stainless Steel Corner Guards *(10 26 13)*		
10 26 13 00-0068		Stainless Steel Corner Guards *(10 26 13 00-0067)*		
		Note: Includes 16 gauge, type 304 stainless steel corner guards with #4 satin finish.		
10 26 13 00-0069		Surface Mounted, Stainless Steel Corner Guards *(10 26 13 00-0068)*		
10 26 13 00-0070		90 Degree Angle, Surface Mounted, Stainless Steel Corner Guards *(10 26 13 00-0069)*		
10 26 13 00-0071	LF	1" Wing, 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-520)	10.98	3.41
		For >50 To 100, Deduct	*-1.43*	
		For >100 To 200, Deduct	*-2.00*	
		For >200, Deduct	*-2.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 13 00-0072	LF	2" Wing, 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-510)	12.61	3.41
		For >50 To 100, Deduct	*-1.43*	
		For >100 To 200, Deduct	*-2.00*	
		For >200, Deduct	*-2.91*	
10 26 13 00-0073	LF	3-1/2" Wing, 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-500)	16.84	3.41
		For >50 To 100, Deduct	*-1.43*	
		For >100 To 200, Deduct	*-2.00*	
		For >200, Deduct	*-3.12*	
10 26 13 00-0074	LF	Bullnose 3-1/2" Wing, 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-550)	16.84	3.41
		For >50 To 100, Deduct	*-1.43*	
		For >100 To 200, Deduct	*-2.00*	
		For >200, Deduct	*-3.12*	
10 26 13 00-0075		135 Degree Angle, Surface Mounted, Stainless Steel Corner Guards *(10 26 13 00-0069)*		
10 26 13 00-0076	LF	3-1/2" Wing, 135 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-600)	16.84	3.41
		For >50 To 100, Deduct	*-1.43*	
		For >100 To 200, Deduct	*-2.00*	
		For >200, Deduct	*-3.12*	
10 26 13 00-0077	LF	Bullnose 3-1/2" Wing, 135 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-650)	16.84	3.41
		For >50 To 100, Deduct	*-1.43*	
		For >100 To 200, Deduct	*-2.00*	
		For >200, Deduct	*-3.12*	
10 26 13 00-0078		Stainless Steel Angle Iron, Corner Guards *(10 26 13 00-0067)*		
10 26 13 00-0079		Surface Mounted, Stainless Steel Angle Iron, Corner Guards *(10 26 13 00-0078)*		
10 26 13 00-0080		90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guards *(10 26 13 00-0079)*		
10 26 13 00-0081	LF	1" x 1" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard	20.65	4.10
		For >50 To 100, Deduct	*-1.71*	
		For >100 To 200, Deduct	*-2.39*	
		For >200, Deduct	*-3.76*	
10 26 13 00-0082	LF	2" x 2" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard	33.61	4.44
		For >50 To 100, Deduct	*-1.85*	
		For >100 To 200, Deduct	*-2.59*	
		For >200, Deduct	*-4.64*	
10 26 13 00-0083	LF	2" x 3" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard	46.50	4.61
		For >50 To 100, Deduct	*-1.92*	
		For >100 To 200, Deduct	*-2.69*	
		For >200, Deduct	*-5.40*	
10 26 13 00-0084	LF	3" x 3" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard	43.55	4.78
		For >50 To 100, Deduct	*-1.99*	
		For >100 To 200, Deduct	*-2.79*	
		For >200, Deduct	*-5.37*	
10 26 13 00-0085	LF	3" x 4" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard	61.67	4.95
		For >50 To 100, Deduct	*-2.06*	
		For >100 To 200, Deduct	*-2.89*	
		For >200, Deduct	*-6.38*	
10 26 13 00-0086	LF	4" x 4" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard	57.13	5.12
		For >50 To 100, Deduct	*-2.13*	
		For >100 To 200, Deduct	*-2.99*	
		For >200, Deduct	*-6.27*	
10 26 13 00-0087		Rubber Corner Guards *(10 26 13)* Note: Includes adhesive for installation.		
10 26 13 00-0088		Natural Rubber Corner Guards *(10 26 13 00-0087)*		
10 26 13 00-0089		Surface Mounted, Natural Rubber Corner Guards *(10 26 13 00-0088)*		
10 26 13 00-0090		90 Degree Angle, Surface Mounted, Natural Rubber Corner Guards *(10 26 13 00-0089)*		
10 26 13 00-0091	LF	4-3/4" Wing, 90 Degree Angle, Surface Mounted, Natural Rubber Corner Guard (Pawling CG-5)	47.55	3.41
		For >50 To 100, Deduct	*-1.43*	
		For >100 To 200, Deduct	*-2.00*	
		For >200, Deduct	*-4.66*	
		For Bolting To Concrete Or Masonry, Add	*7.99*	
10 26 13 00-0092		Styrene-Butadiene Rubber (SBR) Corner Guards *(10 26 13 00-0087)*		
10 26 13 00-0093		Surface Mounted, Styrene-Butadiene Rubber (SBR) Corner Guards *(10 26 13 00-0092)*		
10 26 13 00-0094		90 Degree Angle, Surface Mounted, Styrene-Butadiene Rubber (SBR) Corner Guards *(10 26 13 00-0093)*		
10 26 13 00-0095	LF	4-5/8" Wing, 90 Degree Angle, Surface Mounted, Styrene-Butadiene Rubber (SBR) Corner Guard (Pawling CG-2)	21.78	3.41
		For >50 To 100, Deduct	*-1.43*	
		For >100 To 200, Deduct	*-2.00*	
		For >200, Deduct	*-3.37*	
		For Bolting To Concrete Or Masonry, Add	*4.12*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 13 00-0096		Ethylene Propylene Diene Monomer (EPDM) Rubber Corner Guards *(10 26 13 00-0087)*			
10 26 13 00-0097		Surface Mounted, Ethylene Propylene Diene Monomer (EPDM) Rubber Corner Guards *(10 26 13 00-0096)*			
10 26 13 00-0098		90 Degree Angle, Surface Mounted, Ethylene Propylene Diene Monomer (EPDM) Rubber Corner Guards *(10 26 13 00-0097)*			
10 26 13 00-0099	LF	4-5/8" Wing, 90 Degree Angle, Surface Mounted, Ethylene Propylene Diene Monomer (EPDM) Rubber Corner Guard (Pawling CG-2E)		19.19	3.41
		For >50 To 100, Deduct		*-1.43*	
		For >100 To 200, Deduct		*-2.00*	
		For >200, Deduct		*-3.24*	
		For Bolting To Concrete Or Masonry, Add		*3.73*	

10 26 16 Bumper Guards *(10 26)*

10 26 16 13 Bumper Rails *(10 26 16)*

CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 16 13-0001		Crash Rails *(10 26 16 13)* Note: Includes end caps.			
10 26 16 13-0002		Polycarbonate Crash Rails *(10 26 16 13-0001)*			
10 26 16 13-0003	LF	3" High, 5/16" Deep, Polycarbonate Crash Rail (Pawling CR-3)		12.52	4.55
		For >50 To 100, Deduct		*-2.28*	
		For >100 To 200, Deduct		*-3.19*	
		For >200, Deduct		*-4.27*	
10 26 16 13-0004	LF	4" High, 5/16" Deep, Polycarbonate Crash Rail (Pawling CR-4)		13.73	4.55
		For >50 To 100, Deduct		*-2.28*	
		For >100 To 200, Deduct		*-3.19*	
		For >200, Deduct		*-4.33*	
10 26 16 13-0005		Aluminum Crash Rails *(10 26 16 13-0001)*			
10 26 16 13-0006	LF	4" High, 3-1/4" Deep, Aluminum Crash Rail (Pawling CRA-100)		34.79	4.55
		For >50 To 100, Deduct		*-2.28*	
		For >100 To 200, Deduct		*-3.19*	
		For >200, Deduct		*-5.38*	
10 26 16 13-0007		Stainless Steel Crash Rails *(10 26 16 13-0001)*			
10 26 16 13-0008	LF	4" High, 3-1/4" Deep, Stainless Steel Crash Rail (Pawling CRS-100)		60.48	4.55
		For >50 To 100, Deduct		*-2.28*	
		For >100 To 200, Deduct		*-3.19*	
		For >200, Deduct		*-6.67*	
10 26 16 13-0009	LF	5-1/2" High, 1-1/2" Deep, Stainless Steel Crash Rail (Pawling CRS-200)		47.63	4.55
		For >50 To 100, Deduct		*-2.28*	
		For >100 To 200, Deduct		*-3.19*	
		For >200, Deduct		*-6.03*	
10 26 16 13-0010		Wall Guards *(10 26 16 13)*			
10 26 16 13-0011		Rigid Vinyl Wall Guards With Aluminum Retainers *(10 26 16 13-0010)* Note: Includes end caps.			
10 26 16 13-0012	LF	1-1/2" High, 1-1/2" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-1)		12.79	3.99
		For >50 To 100, Deduct		*-1.99*	
		For >100 To 200, Deduct		*-2.79*	
		For >200, Deduct		*-3.83*	
10 26 16 13-0013	LF	3" High, 1" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-3)		15.51	4.55
		For >50 To 100, Deduct		*-2.28*	
		For >100 To 200, Deduct		*-3.19*	
		For >200, Deduct		*-4.42*	
10 26 16 13-0014	LF	4" High, 3/4" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-4)		16.71	4.55
		For >50 To 100, Deduct		*-2.28*	
		For >100 To 200, Deduct		*-3.19*	
		For >200, Deduct		*-4.48*	
10 26 16 13-0015	LF	5" High, 1-1/16" Deep, Curved, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-5)		17.36	4.55
		For >50 To 100, Deduct		*-2.28*	
		For >100 To 200, Deduct		*-3.19*	
		For >200, Deduct		*-4.51*	
10 26 16 13-0016	LF	6" High, 1" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-6)		20.59	4.84
		For >50 To 100, Deduct		*-2.42*	
		For >100 To 200, Deduct		*-3.38*	
		For >200, Deduct		*-4.90*	
10 26 16 13-0017	LF	8" High, 1-1/16" Deep, Curved, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-7)		20.69	4.84
		For >50 To 100, Deduct		*-2.42*	
		For >100 To 200, Deduct		*-3.38*	
		For >200, Deduct		*-4.90*	
10 26 16 13-0018	LF	7-3/4" High, 1" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-8)		21.27	4.84
		For >50 To 100, Deduct		*-2.42*	
		For >100 To 200, Deduct		*-3.38*	
		For >200, Deduct		*-4.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 16 13-0019	LF	12" High, 2" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-12)	25.45	5.12
		For >50 To 100, Deduct	*-2.56*	
		For >100 To 200, Deduct	*-3.58*	
		For >200, Deduct	*-5.37*	

10 26 16 13-0020 Rubber Wall Guards *(10 26 16 13-0010)*

10 26 16 13-0021 D-Shaped, Rubber Wall Guards *(10 26 16 13-0020)*

10 26 16 13-0022	LF	2" High, 1-3/4" Deep, D-Shaped, Rubber Wall Guard (Pawling D-2)	16.89	3.99
		For >50 To 100, Deduct	*-1.99*	
		For >100 To 200, Deduct	*-2.79*	
		For >200, Deduct	*-4.03*	
10 26 16 13-0023	LF	3" High, 3" Deep, D-Shaped, Rubber Wall Guard (Pawling D-3)	24.52	4.55
		For >50 To 100, Deduct	*-2.28*	
		For >100 To 200, Deduct	*-3.19*	
		For >200, Deduct	*-4.87*	
10 26 16 13-0024	LF	4" High, 4-1/4" Deep, D-Shaped, Rubber Wall Guard (Pawling D-4)	35.63	4.55
		For >50 To 100, Deduct	*-2.28*	
		For >100 To 200, Deduct	*-3.19*	
		For >200, Deduct	*-5.43*	
10 26 16 13-0025	LF	6" High, 6" Deep, D-Shaped, Rubber Wall Guard (Pawling D-6)	49.62	4.55
		For >50 To 100, Deduct	*-2.28*	
		For >100 To 200, Deduct	*-3.19*	
		For >200, Deduct	*-6.13*	

10 26 16 13-0026 Rectangular, Rubber Wall Guards *(10 26 16 13-0020)*

10 26 16 13-0027	LF	8" High, 1-1/2" Deep, Rectangular, Rubber Wall Guard (Pawling E-1)	38.11	4.84
		For >50 To 100, Deduct	*-2.42*	
		For >100 To 200, Deduct	*-3.38*	
		For >200, Deduct	*-5.77*	
10 26 16 13-0028	LF	9" High, 2" Deep, Rectangular, Rubber Wall Guard (Pawling M-2)	47.87	5.12
		For >50 To 100, Deduct	*-2.56*	
		For >100 To 200, Deduct	*-3.58*	
		For >200, Deduct	*-6.49*	

10 26 16 13-0029 Wing Type, Rubber Wall Guards *(10 26 16 13-0020)*

10 26 16 13-0030	LF	6" High, 2" Deep, Wing Type, Rubber Wall Guard (Pawling WT-20)	61.76	4.55
		For >50 To 100, Deduct	*-2.28*	
		For >100 To 200, Deduct	*-3.19*	
		For >200, Deduct	*-6.73*	
10 26 16 13-0031	LF	6" High, 3" Deep, Wing Type, Rubber Wall Guard (Pawling WT-30)	65.61	4.55
		For >50 To 100, Deduct	*-2.28*	
		For >100 To 200, Deduct	*-3.19*	
		For >200, Deduct	*-6.92*	
10 26 16 13-0032	LF	3-7/8" High, 2-1/2" Deep, Wing Type, Rubber Wall Guard (Pawling WT-25)	30.42	3.99
		For >50 To 100, Deduct	*-1.99*	
		For >100 To 200, Deduct	*-2.79*	
		For >200, Deduct	*-4.71*	

10 26 16 13-0033 U-Shaped, Rubber Wall Guards *(10 26 16 13-0020)*

10 26 16 13-0034	LF	3-1/8" High, 3-7/8" Deep, U-Shaped, Rubber Wall Guard (Pawling U-4)	52.37	4.84
		For >50 To 100, Deduct	*-2.42*	
		For >100 To 200, Deduct	*-3.38*	
		For >200, Deduct	*-6.49*	
10 26 16 13-0035	LF	4-1/2" High, 3-1/2" Deep, U-Shaped, Rubber Wall Guard (Pawling U-3)	58.47	4.84
		For >50 To 100, Deduct	*-2.42*	
		For >100 To 200, Deduct	*-3.38*	
		For >200, Deduct	*-6.79*	

10 26 16 13-0036 Accent Rails *(10 26 16 13)*

Note: Includes end caps.

10 26 16 13-0037 Oval, Rigid Vinyl Accent Rails With Aluminum Retainers *(10 26 16 13-0036)*

10 26 16 13-0038	LF	1-1/8" High, 1-1/16" Deep, Oval, Rigid Vinyl Accent Rail With Aluminum Retainer (Pawling EB-25)	14.89	3.99
		For >50 To 100, Deduct	*-1.99*	
		For >100 To 200, Deduct	*-2.79*	
		For >200, Deduct	*-3.93*	
10 26 16 13-0039	LF	2" High, 1-1/8" Deep, Oval, Rigid Vinyl Accent Rail With Aluminum Retainer (Pawling EBR-30)	14.91	3.99
		For >50 To 100, Deduct	*-1.99*	
		For >100 To 200, Deduct	*-2.79*	
		For >200, Deduct	*-3.93*	
10 26 16 13-0040	LF	2" High, 1-3/4" Deep, Oval, Rigid Vinyl Accent Rail With Aluminum Retainer (Pawling WG-22)	20.83	3.99
		For >50 To 100, Deduct	*-1.99*	
		For >100 To 200, Deduct	*-2.79*	
		For >200, Deduct	*-4.23*	

10 26 16 16 Protective Corridor Handrails *(10 26 16)*

10 26 16 16-0001 Protective Corridor Handrails *(10 26 16 16)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 16 16-0002		Vinyl/Acrylic Protective Corridor Handrails With Aluminum Retainers *(10 26 16 16-0001)*		
10 26 16 16-0003	LF	1-1/2" Diameter, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn HR-6CN)	33.15	8.53
		For >50 To 100, Deduct	*-4.27*	
		For >100 To 200, Deduct	*-5.98*	
		For >200, Deduct	*-8.49*	
10 26 16 16-0004	EA	End Cap For 1-1/2" Diameter, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn)	28.56	8.53
		For >25 To 50, Deduct	*-4.27*	
		For >50 To 100, Deduct	*-5.98*	
		For >100, Deduct	*-8.26*	
10 26 16 16-0005	LF	5-1/2" High, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn HRB-4C)	46.92	8.53
		For >50 To 100, Deduct	*-4.27*	
		For >100 To 200, Deduct	*-5.98*	
		For >200, Deduct	*-9.18*	
10 26 16 16-0006	EA	End Cap For 5-1/2" High, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn)	37.74	8.53
		For >25 To 50, Deduct	*-4.27*	
		For >50 To 100, Deduct	*-5.98*	
		For >100, Deduct	*-8.72*	
10 26 16 16-0007	LF	6-1/4" High, Vinyl/Acrylic Crash And Handrail With Aluminum Retainer (Acrovyn HRB-10CN)	49.21	8.53
		For >50 To 100, Deduct	*-4.27*	
		For >100 To 200, Deduct	*-5.98*	
		For >200, Deduct	*-9.29*	
10 26 16 16-0008	EA	End Cap For 6-1/4" High, Vinyl/Acrylic Crash And Handrail With Aluminum Retainer (Acrovyn)	53.80	8.53
		For >25 To 50, Deduct	*-4.27*	
		For >50 To 100, Deduct	*-5.98*	
		For >100, Deduct	*-9.52*	
10 26 16 16-0009	LF	6" High, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn HR-8CN)	65.28	8.53
		For >50 To 100, Deduct	*-4.27*	
		For >100 To 200, Deduct	*-5.98*	
		For >200, Deduct	*-10.10*	
10 26 16 16-0010	EA	End Cap For 6" High, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn)	72.16	8.53
		For >25 To 50, Deduct	*-4.27*	
		For >50 To 100, Deduct	*-5.98*	
		For >100, Deduct	*-10.44*	
10 26 16 16-0011		Stainless Steel Protective Corridor Handrails *(10 26 16 16-0001)*		
10 26 16 16-0012	LF	5-7/8" High, Stainless Steel Protective Corridor Handrail (Acrovyn P-RS)	88.23	8.53
		For >50 To 100, Deduct	*-4.27*	
		For >100 To 200, Deduct	*-5.98*	
		For >200, Deduct	*-11.24*	
10 26 16 16-0013	EA	End Cap For 5-7/8" High, Stainless Steel Protective Corridor Handrail (Acrovyn)	90.52	8.53
		For >25 To 50, Deduct	*-4.27*	
		For >50 To 100, Deduct	*-5.98*	
		For >100, Deduct	*-11.36*	
10 26 16 16-0014		Hardwood Protective Corridor Handrails *(10 26 16 16-0001)*		
		Note: Includes end caps.		
10 26 16 16-0015	LF	4" High, Vinyl Protective Corridor Handrail With 1-1/2" Diameter Wood (Pawling BR-400C)	29.65	6.42
		For >50 To 100, Deduct	*-3.21*	
		For >100 To 200, Deduct	*-4.49*	
		For >200, Deduct	*-6.62*	
		For Maple, Add	*0.50*	
10 26 16 16-0016	LF	5-1/2" Diameter, Hardwood Protective Corridor Handrail With Vinyl Inserts (Pawling BR-5500)	35.29	6.85
		For >50 To 100, Deduct	*-3.42*	
		For >100 To 200, Deduct	*-4.79*	
		For >200, Deduct	*-7.24*	
10 26 16 16-0017	LF	1-1/2" Diameter, Hardwood Protective Corridor Handrail (Pawling BR-1500)	26.06	6.42
		For >50 To 100, Deduct	*-3.21*	
		For >100 To 200, Deduct	*-4.49*	
		For >200, Deduct	*-6.44*	
		For Maple, Add	*5.68*	
		For Oak, Add	*6.35*	
10 26 23		**Protective Wall Covering** *(10 26)*		
10 26 23 13		**Impact Resistant Wall Protection** *(10 26 23)*		
10 26 23 13-0001		Impact Resistant Wall Protection *(10 26 23 13)*		
		Note: Includes standard trim.		
10 26 23 13-0002	SF	0.030" Rigid Vinyl, Impact Resistant Wall Covering (Pawling WC-30)	8.26	2.85
10 26 23 13-0003	SF	0.040" Rigid Vinyl, Impact Resistant Wall Covering (Pawling WC-40)	8.57	2.85
10 26 23 13-0004	SF	0.060" Rigid Vinyl, Impact Resistant Wall Covering (Pawling WC-60)	10.37	2.85
10 26 23 13-0005		Interior Polyvinyl Chloride (PVC) Soffit System *(10 26 23 13)*		
		Note: DecoShield Systems, Inc. Concealment system for fire sprinkler piping, plumbing lines, HVAC, cable and conduit.		
10 26 23 13-0006		"L" Design *(10 26 23 13-0005)*		
10 26 23 13-0007		L-Shield *(10 26 23 13-0006)*		
10 26 23 13-0008	LF	2.38" Depth L-Shield Cover, Duplex Polyvinyl Chloride (PVC), 1" Shield Size For 3/4" And 1" Pipe	17.01	2.85

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 23 13-0009	LF	3" Depth L-Shield Cover, Duplex Polyvinyl Chloride (PVC), 1-1/4" Shield Size For 1-1/4" And 1-1/2" Pipe	19.56	3.99
10 26 23 13-0010	LF	3.75" Depth L-Shield Cover, Duplex Polyvinyl Chloride (PVC), 2" Shield Size For 2" Pipe	25.70	5.12
10 26 23 13-0011	LF	5.75" Depth L-Shield Cover, Duplex Polyvinyl Chloride (PVC), 2-1/2" Shield Size For 2-1/2" Pipe	35.42	6.26
10 26 23 13-0012		**"Combo" Hanger** *(10 26 23 13-0006)*		
10 26 23 13-0013	EA	Combination "Combo" Hanger, L-Support, For 3/4" Pipe	18.29	5.70
10 26 23 13-0014	EA	Combination "Combo" Hanger, L-Support, For 1" Pipe	21.11	6.84
10 26 23 13-0015	EA	Combination "Combo" Hanger, L-Support, For 1-1/4" Pipe	24.37	7.97
10 26 23 13-0016	EA	Combination "Combo" Hanger, L-Support, For 1-1/2" Pipe	27.05	9.11
10 26 23 13-0017	EA	Combination "Combo" Hanger, L-Support, For 2" Pipe	30.30	10.25
10 26 23 13-0018		**Snap-2 Pipe Hanger** *(10 26 23 13-0006)*		
10 26 23 13-0019	EA	Snap-2 Pipe Hanger, L-Support, For 3/4" Pipe	14.98	5.70
10 26 23 13-0020	EA	Snap-2 Pipe Hanger, L-Support, For 1" Pipe	18.21	6.84
10 26 23 13-0021	EA	Snap-2 Pipe Hanger, L-Support, For 1-1/4" Pipe	21.19	7.97
10 26 23 13-0022	EA	Snap-2 Pipe Hanger, L-Support, For 1-1/2" Pipe	24.70	9.11
10 26 23 13-0023	EA	Snap-2 Pipe Hanger, L-Support, For 2" Pipe	28.36	10.25
10 26 23 13-0024		**Coupling** *(10 26 23 13-0006)*		
10 26 23 13-0025	EA	Coupling, L-Shield, 1" Shield Size	9.98	2.85
10 26 23 13-0026	EA	Coupling, L-Shield, 1-1/4" Shield Size	14.45	3.99
10 26 23 13-0027	EA	Coupling, L-Shield, 2" Shield Size	20.87	5.12
10 26 23 13-0028	EA	Coupling, L-Shield, 2-1/2" Shield Size	26.18	6.26
10 26 23 13-0029		**Coupling, Reducer** *(10 26 23 13-0006)*		
10 26 23 13-0030	EA	Coupling, Reducing, L-Shield, 1-1/4" x 1" Shield Size	28.91	3.41
10 26 23 13-0031	EA	Coupling, Reducing, L-Shield, 2" x 1" Shield Size	35.56	3.99
10 26 23 13-0032	EA	Coupling, Reducing, L-Shield, 2" x 1-1/4" Shield Size	42.22	4.55
10 26 23 13-0033	EA	Coupling, Reducing, L-Shield, 2-1/2" x 2" Shield Size	167.01	5.70
10 26 23 13-0034		**Shield Clips** *(10 26 23 13-0006)*		
10 26 23 13-0035	EA	Shield Clips, L-Support, 1" Shield Size	6.03	1.71
10 26 23 13-0036	EA	Shield Clips, L-Support, 1-1/4" Shield Size	9.01	2.85
10 26 23 13-0037	EA	Shield Clips, L-Support, 2" Shield Size	11.83	3.99
10 26 23 13-0038	EA	Shield Clips, L-Support, 2-1/2" Shield Size	13.29	5.12
10 26 23 13-0039		**Wall Flange** *(10 26 23 13-0006)*		
10 26 23 13-0040	EA	Wall Flange, L-Shield, 1" Shield Size	9.70	2.85
10 26 23 13-0041	EA	Wall Flange, L-Shield, 1-1/4" Shield Size	13.90	3.99
10 26 23 13-0042	EA	Wall Flange, L-Shield, 2" Shield Size	20.32	5.12
10 26 23 13-0043	EA	Wall Flange, L-Shield, 2-1/2" Shield Size	86.55	6.26
10 26 23 13-0044		**End Cap** *(10 26 23 13-0006)*		
10 26 23 13-0045	EA	End Cap, L-Shield, 1" Shield Size	10.17	1.71
10 26 23 13-0046	EA	End Cap, L-Shield, 1-1/4" Shield Size	13.43	2.85
10 26 23 13-0047	EA	End Cap, L-Shield, 2" Shield Size	18.59	3.99
10 26 23 13-0048	EA	End Cap, L-Shield, 2-1/2" Shield Size	88.34	5.12
10 26 23 13-0049		**Inside/Outside Corner** *(10 26 23 13-0006)*		
10 26 23 13-0050	EA	Inside/Outside Corner, L-Shield, 1" Shield Size	64.23	5.70
10 26 23 13-0051	EA	Inside/Outside Corner, L-Shield, 1-1/4" Shield Size	69.12	6.84
10 26 23 13-0052	EA	Inside/Outside Corner, L-Shield, 2" Shield Size	83.45	8.54
10 26 23 13-0053	EA	Inside/Outside Corner, L-Shield, 2-1/2" Shield Size	146.73	10.25
10 26 23 13-0054		**Joiner** *(10 26 23 13-0006)*		
10 26 23 13-0055	LF	Joiner, L-Shield	13.21	1.71
10 26 23 13-0056		**"U" Design** *(10 26 23 13-0005)*		
10 26 23 13-0057		**U-Shield** *(10 26 23 13-0056)*		
10 26 23 13-0058	LF	2.25" Depth U-Shield Cover, Duplex Polyvinyl Chloride (PVC), 1" Shield Size For 3/4" And 1" Pipe	20.60	2.85
10 26 23 13-0059	LF	2.875" Depth U-Shield Cover, Duplex Polyvinyl Chloride (PVC), 1-1/4" Shield Size For 1-1/4" Pipe	25.63	3.99
10 26 23 13-0060	LF	3.68" Depth U-Shield Cover, Duplex Polyvinyl Chloride (PVC), 2" Shield Size For 1-1/2" And 2" Pipe	32.74	3.99
10 26 23 13-0061		**"Combo" Hanger** *(10 26 23 13-0056)*		
10 26 23 13-0062	EA	Combination "Combo" Hanger, U-Support For 3/4" Pipe	15.67	5.70
10 26 23 13-0063	EA	Combination "Combo" Hanger, U-Support For 1" Pipe	18.63	6.84
10 26 23 13-0064	EA	Combination "Combo" Hanger, U-Support For 1-1/4" Pipe	21.47	7.97

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 23 13-0065	EA	Combination "Combo" Hanger, U-Support For 1-1/2" Pipe	26.64	9.11
10 26 23 13-0066	EA	Combination "Combo" Hanger, U-Support For 2" Pipe	30.16	10.25
10 26 23 13-0067		**Snap-2 Pipe Hanger** *(10 26 23 13-0056)*		
10 26 23 13-0068	EA	Snap-2 Pipe Hanger, U-Support, For 3/4" Pipe	14.70	5.70
10 26 23 13-0069	EA	Snap-2 Pipe Hanger, U-Support, For 1" Pipe	17.94	6.84
10 26 23 13-0070	EA	Snap-2 Pipe Hanger, U-Support, For 1-1/4" Pipe	21.88	7.97
10 26 23 13-0071	EA	Snap-2 Pipe Hanger, U-Support, For 1-1/2" Pipe	24.43	9.11
10 26 23 13-0072	EA	Snap-2 Pipe Hanger, U-Support, For 2" Pipe	28.23	10.25
10 26 23 13-0073		**Coupling** *(10 26 23 13-0056)*		
10 26 23 13-0074	EA	Coupling, U-Shield, 1" Shield Size	11.91	2.85
10 26 23 13-0075	EA	Coupling, U-Shield, 1-1/4" Shield Size	14.87	3.99
10 26 23 13-0076	EA	Coupling, U-Shield, 2" Shield Size	18.11	5.12
10 26 23 13-0077		**Coupling, Reducer** *(10 26 23 13-0056)*		
10 26 23 13-0078	EA	Reducing Coupling, U-Shield, 1-1/4" x 1" Shield Size	34.43	3.41
10 26 23 13-0079	EA	Reducing Coupling, U-Shield, 2" x 1" Shield Size	41.08	3.99
10 26 23 13-0080	EA	Reducing Coupling, U-Shield, 2" x 1-1/4" Shield Size	43.60	4.55
10 26 23 13-0081		**Shield Clips** *(10 26 23 13-0056)*		
10 26 23 13-0082	EA	Shield Clips, U-Support, 1" Shield Size	5.48	1.71
10 26 23 13-0083	EA	Shield Clips, U-Support, 1-1/4" Shield Size	8.05	2.85
10 26 23 13-0084	EA	Shield Clips, U-Support, 2" Shield Size	10.59	3.99
10 26 23 13-0085		**Wall Flange** *(10 26 23 13-0056)*		
10 26 23 13-0086	EA	Wall Flange, U-Shield, 1" Shield Size	11.49	2.85
10 26 23 13-0087	EA	Wall Flange, U-Shield, 1-1/4" Shield Size	14.73	3.99
10 26 23 13-0088	EA	Wall Flange, U-Shield, 2" Shield Size	17.98	5.12
10 26 23 13-0089		**End Cap** *(10 26 23 13-0056)*		
10 26 23 13-0090	EA	End Cap, U-Shield, 1" Shield Size	10.86	1.71
10 26 23 13-0091	EA	End Cap, U-Shield, 1-1/4" Shield Size	14.53	2.85
10 26 23 13-0092	EA	End Cap, U-Shield, 2" Shield Size	18.04	3.99
10 26 23 13-0093		**Inside/Outside Corner** *(10 26 23 13-0056)*		
10 26 23 13-0094	EA	Inside/Outside Corner, U-Shield, 1" Shield Size	80.92	5.70
10 26 23 13-0095	EA	Inside/Outside Corner, U-Shield, 1-1/4" Shield Size	89.95	6.84
10 26 23 13-0096	EA	Inside/Outside Corner, U-Shield, 2" Shield Size	106.35	8.54
10 26 23 13-0097		**Elbow** *(10 26 23 13-0056)*		
10 26 23 13-0098	EA	Elbow, U-Shield, 1" Shield Size	79.40	5.70
10 26 23 13-0099	EA	Elbow, U-Shield, 1-1/4" Shield Size	87.19	6.84
10 26 23 13-0100	EA	Elbow, U-Shield, 2" Shield Size	103.73	8.54
10 26 23 13-0101		**Tee** *(10 26 23 13-0056)*		
10 26 23 13-0102	EA	Tee, U-Shield, 1" x 1" x 1" Shield Size	100.28	8.54
10 26 23 13-0103	EA	Tee, U-Shield, 1-1/4" x 1-1/4" x 1-1/4" Shield Size	111.42	10.25
10 26 23 13-0104	EA	Tee, U-Shield, 2" x 2" x 2" Shield Size	130.04	12.52
10 26 23 13-0105	EA	Tee, U-Shield, 1-1/4" x 1-1/4" x 1" Shield Size	132.49	9.68
10 26 23 13-0106	EA	Tee, U-Shield, 2" x 2" x 1-1/4" Shield Size	142.69	11.96
10 26 23 13-0107		**Cross** *(10 26 23 13-0056)*		
10 26 23 13-0108	EA	Cross, U-Shield, 1" Shield Size	182.11	11.39
10 26 23 13-0109	EA	Cross, U-Shield, 1-1/4" Shield Size	203.92	13.66
10 26 23 13-0110	EA	Cross, U-Shield, 2" Shield Size	247.72	17.09
10 26 23 13-0111	EA	Cross, U-Shield, 1-1/4" x 1" Shield Size	250.20	12.52
10 26 23 13-0112	EA	Cross, U-Shield, 2" x 1-1/4" Shield Size	274.94	15.37
10 26 23 13-0113		**Transition Fittings (L to U Or U to L)** *(10 26 23 13-0005)*		
10 26 23 13-0114		**Coupling Transition** *(10 26 23 13-0113)*		
10 26 23 13-0115	EA	Transition Coupling, 1" x 1", LxU or UxL	30.81	2.85
10 26 23 13-0116	EA	Transition Coupling, 1-1/4" x 1-1/4", LxU or UxL	34.73	3.99
10 26 23 13-0117	EA	Transition Coupling, 2" x 2", LxU or UxL	43.22	5.12
10 26 23 13-0118	EA	Transition Coupling, 1" x 1-1/4", LxU or UxL	34.85	3.41
10 26 23 13-0119	EA	Transition Coupling, 1-1/4" x 2", LxU or UxL	43.32	4.55
10 26 23 13-0120	EA	Transition Coupling, 2" x 2-1/2", LxU or UxL	174.87	5.70

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 23 13-0121		**Elbow Transition** *(10 26 23 13-0113)*		
10 26 23 13-0122	EA	Transition Elbow, 1" x 1" (UxL)	107.13	5.70
10 26 23 13-0123	EA	Transition Elbow, 1-1/4" x 1-1/4" (UxL)	116.03	6.84
10 26 23 13-0124	EA	Transition Elbow, 2" x 2" (UxL)	136.01	8.54
10 26 23 13-0125	EA	Transition Elbow, 1" x 1-1/4" (UxL)	167.04	6.26
10 26 23 13-0126	EA	Transition Elbow, 1-1/4" x 1" (UxL)	117.92	6.26
10 26 23 13-0127	EA	Transition Elbow, 1-1/4" x 2" (UxL)	176.26	7.97
10 26 23 13-0128	EA	Transition Elbow, 2" x 1-1/4" (UxL)	136.39	7.97
10 26 23 13-0129	EA	Transition Elbow, 2" x 2-1/2" (UxL)	211.92	9.11
10 26 23 13-0130		**Tee Transition** *(10 26 23 13-0113)*		
10 26 23 13-0131	EA	Transition Tee, 1" x 1" x 1" (LxLxU)	122.49	8.54
10 26 23 13-0132	EA	Transition Tee, 1-1/4" x 1-1/4" x 1-1/4" (LxLxU)	141.63	10.25
10 26 23 13-0133	EA	Transition Tee, 2" x 2" x 2" (LxLxU)	164.67	12.52
10 26 23 13-0134	EA	Transition Tee, 1-1/4" x 1-1/4" x 1" (LxLxU)	129.31	9.68
10 26 23 13-0135	EA	Transition Tee, 1-1/4" x 1-1/4" x 2" (LxLxU)	203.75	10.82
10 26 23 13-0136	EA	Transition Tee, 2" x 2" x 1-1/4" (LxLxU)	143.94	11.96
10 26 23 13-0137	EA	Transition Tee, 2-1/2" x 2-1/2" x 2" (LxLxU)	196.78	14.24
10 26 23 13-0138		**Fittings (L Or U)** *(10 26 23 13-0005)*		
10 26 23 13-0139		**Hugger Hangers For Steel Pipe** *(10 26 23 13-0138)*		
10 26 23 13-0140	EA	Hugger Hanger, For 1/2" Steel Pipe	12.01	4.55
10 26 23 13-0141	EA	Hugger Hanger, For 3/4" Steel Pipe	14.98	5.70
10 26 23 13-0142	EA	Hugger Hanger, For 1" Steel Pipe	17.52	6.84
10 26 23 13-0143	EA	Hugger Hanger, For 1-1/4" Steel Pipe	20.23	7.97
10 26 23 13-0144	EA	Hugger Hanger, For 1-1/2" Steel Pipe	22.77	9.11
10 26 23 13-0145	EA	Hugger Hanger, For 2" Steel Pipe	25.60	9.11
10 26 23 13-0146	EA	Hugger Hanger, For 2-1/2" Steel Pipe	28.15	11.39
10 26 23 13-0147	EA	Hugger Hanger, For 3" Steel Pipe	35.53	12.52
10 26 23 13-0148		**Hugger Hangers For Copper Pipe** *(10 26 23 13-0138)*		
10 26 23 13-0149	EA	1/2" Copper Pipe, Hugger Hanger	12.15	4.55
10 26 23 13-0150	EA	3/4" Copper Pipe, Hugger Hanger	15.11	5.70
10 26 23 13-0151	EA	1" Copper Pipe, Hugger Hanger	17.66	6.84
10 26 23 13-0152	EA	1-1/4" Copper Pipe, Hugger Hanger	20.36	7.97
10 26 23 13-0153	EA	1-1/2" Copper Pipe, Hugger Hanger	22.91	9.11
10 26 23 13-0154	EA	2" Copper Pipe, Hugger Hanger	25.88	10.25
10 26 23 13-0155	EA	2-1/2" Copper Pipe, Hugger Hanger	28.43	11.39
10 26 23 13-0156	EA	3" Copper Pipe, Hugger Hanger	35.95	12.52
10 26 23 13-0157		**Shield Extension (L Or U)** *(10 26 23 13-0138)*		
10 26 23 13-0158	LF	Shield Extension	16.10	1.71
10 26 23 13-0159		**Interior Steel Soffit System** *(10 26 23 13)*		
		Note: Concealment system for fire sprinkler piping, plumbing lines, HVAC, cable and conduit. Includes factory painted finish and field touch-up.		
10 26 23 13-0160	SF	24 Gauge Steel, U-Shield (JG Innovations Soffi-Steel)	30.30	5.12
		For 22 Gauge Steel, Add	*2.01*	
		For 20 Gauge Steel, Add	*4.29*	
		For 18 Gauge Steel, Add	*8.42*	
		For 16 Gauge Steel, Add	*12.93*	
		For Stainless Steel, Add	*5.01*	
10 26 23 13-0161	EA	U-Shield Wall Flange (JG Innovations Soffi-Steel)	46.74	14.24
		For Stainless Steel, Add	*4.57*	
10 26 23 13-0162	EA	U-Shield Corner (JG Innovations Soffi-Steel)	120.55	17.09
		For Stainless Steel, Add	*21.31*	
10 26 23 13-0163	EA	U-Shield End Cap (JG Innovations Soffi-Steel)	36.58	8.54
		For Stainless Steel, Add	*4.87*	
10 26 23 13-0164	EA	U-Shield Clip (JG Innovations Soffi-Steel)	7.62	3.41
		For Stainless Steel, Add	*0.20*	
10 26 23 13-0165	SF	24 Gauge Steel, L-Shield (JG Innovations Soffi-Steel)	34.56	5.12
		For 22 Gauge Steel, Add	*1.82*	
		For 20 Gauge Steel, Add	*3.89*	
		For 18 Gauge Steel, Add	*7.54*	
		For 16 Gauge Steel, Add	*12.64*	
		For Stainless Steel, Add	*6.08*	
10 26 23 13-0166	EA	L-Shield Wall Flange (JG Innovations Soffi-Steel)	46.74	14.24
		For Stainless Steel, Add	*4.57*	
10 26 23 13-0167	EA	L-Shield Corner (JG Innovations Soffi-Steel)	120.55	17.09
		For Stainless Steel, Add	*21.31*	
10 26 23 13-0168	EA	L-Shield End Cap (JG Innovations Soffi-Steel)	32.01	6.26
		For Stainless Steel, Add	*4.87*	
10 26 23 13-0169	EA	L-Shield Clip (JG Innovations Soffi-Steel)	7.62	3.41
		For Stainless Steel, Add	*0.20*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

10 26 41 Bullet Resistant Panels *(10 26)*

10 26 41 00-0001 Laminated Bullet Resistant Fiberglass Panel *(10 26 41)*

Note: Material consisting of multiple layers of woven roving ballistic grade fiberglass cloth impregnated with a thermoset polyester resin and compressed into rigid flat sheets.

10 26 41 00-0002	SF	1/8" Thick Ballistic Resistant Fiberglass Panel, 1.2 Lb./SF		22.32	1.61
10 26 41 00-0003	SF	3/16" Thick Ballistic Resistant Fiberglass Panel, 2 Lb./SF		30.68	1.72
10 26 41 00-0004	SF	1/4" Thick Ballistic Resistant Fiberglass Panel, 2.4 To 2.6 Lb./SF		34.72	1.84
10 26 41 00-0005	SF	5/16" Thick Ballistic Resistant Fiberglass Panel, 3 To 3.6 Lb./SF		36.94	1.95
10 26 41 00-0006	SF	3/8" Thick Ballistic Resistant Fiberglass Panel, 3.6 To 3.9 Lb./SF		40.01	2.06
10 26 41 00-0007	SF	7/16" Thick Ballistic Resistant Fiberglass Panel, 4 To 4.9 Lb./SF		43.08	2.17
10 26 41 00-0008	SF	9/16" Thick Ballistic Resistant Fiberglass Panel, 5.5 To 6.6 Lb./SF		73.31	2.64
10 26 41 00-0009	SF	1-1/8" Thick Ballistic Resistant Fiberglass Panel, 11 To 11.7 Lb./SF		105.36	4.12
10 26 41 00-0010	SF	1-3/16" Thick Ballistic Resistant Fiberglass Panel, 12 To 13.2 Lb./SF		125.37	4.93
10 26 41 00-0011	SF	1-5/16" Thick Ballistic Resistant Fiberglass Panel, 13.4 To 14 Lb./SF		151.20	5.39
10 26 41 00-0012	SF	1-7/16" Thick Ballistic Resistant Fiberglass Panel, 15.2 To 16 Lb./SF		172.09	5.73

10 28 Toilet, Bath, and Laundry Accessories *(10 20)*

10 28 13 Toilet Accessories *(10 28)*

10 28 13 13 Commercial Toilet Accessories *(10 28 13)*

10 28 13 13-0001 Toilet Accessories *(10 28 13 13)*

10 28 13 13-0002 Dispensers *(10 28 13 13-0001)*

10 28 13 13-0003 Paper Towel Dispensers *(10 28 13 13-0002)*

10 28 13 13-0004 Stainless Steel Paper Towel Dispensers *(10 28 13 13-0003)*

10 28 13 13-0005	EA	Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick Classic B-262)		111.72	25.61
10 28 13 13-0006	EA	Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-2620)		119.35	25.61
10 28 13 13-0007	EA	Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-2621)		120.48	25.61
10 28 13 13-0008	EA	Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick Classic B-26212)		122.67	25.61
10 28 13 13-0009	EA	Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-263)		182.96	25.61
10 28 13 13-0010	EA	Recessed Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick Classic B-359)		197.46	25.61
10 28 13 13-0011	EA	Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick Contura B-4262)		215.88	25.61
10 28 13 13-0012	EA	Countertop Recessed Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick TrimLine B-526)		222.92	11.38
10 28 13 13-0013	EA	Concealed Cabinet, Recessed Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-318)		374.15	25.61
10 28 13 13-0014	EA	Touch Free, Surface Mounted, Stainless Steel Roll Paper Towel Dispenser (Bobrick B-2860)		441.64	25.61
10 28 13 13-0015	EA	Recessed Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-4369)		475.65	25.61
10 28 13 13-0016	EA	Recessed Automated Touchless Towel Dispenser, Stainless (Georgia-Pacific enMotion® 59466)		271.95	25.61
10 28 13 13-0017	EA	Stainless Steel Mounting Bracket For Wall Mounting enMotion Recessed Automated Touchless Towel Dispenser (Georgia-Pacific enMotion® 59476)		158.42	14.23

10 28 13 13-0018 Plastic Paper Towel Dispensers *(10 28 13 13-0003)*

10 28 13 13-0019	EA	Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Folded Paper Towel Dispenser (Bobrick Matrix B-5262)		85.71	25.61
10 28 13 13-0020	EA	Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Roll Paper Towel Dispenser (Bobrick Matrix B-52860)		173.35	25.61
10 28 13 13-0021	EA	Surface Mounted, Translucent Cover, Acrylonitrile Butadiene Styrene (ABS) Plastic Roll Paper Towel Dispenser (Bobrick B-72860)		172.17	25.61
10 28 13 13-0022	EA	Surface Mounted, Automated Touchless Towel Dispenser, Translucent Plastic (Georgia-Pacific enMotion® 59462)		146.97	25.61

10 28 13 13-0023 Aluminum Paper Towel Dispensers *(10 28 13 13-0003)*

10 28 13 13-0024	EA	Surface Mounted, Heavy-Duty Aluminum Casting Roll Paper Towel Dispenser (Bobrick B-253)		93.35	25.61

10 28 13 13-0025 Toilet Tissue Dispensers *(10 28 13 13-0002)*

10 28 13 13-0026 Plastic Toilet Tissue Dispensers *(10 28 13 13-0025)*

10 28 13 13-0027	EA	Two Roll, Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Toilet Tissue Dispenser (Bobrick B-5288)		85.43	25.61
10 28 13 13-0028	EA	Two Jumbo Roll, Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Toilet Tissue Dispenser (Georgia Pacific 58250)		102.66	25.61
10 28 13 13-0029	EA	Vertical Double Roll, Surface Mounted, Translucent Plastic Steel Coreless Toilet Tissue Dispenser (Georgia-Pacific Compact® 56760)		74.35	25.61
10 28 13 13-0030	EA	Side By Side Double Roll, Surface Mounted, Translucent Plastic Toilet Tissue Dispenser (Georgia-Pacific Compact® 56784)		87.36	25.61

10 28 13 13-0031 Cast Aluminum Toilet Tissue Dispensers *(10 28 13 13-0025)*

10 28 13 13-0032	EA	Single Roll Without Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-2730)		77.52	25.61
10 28 13 13-0033	EA	Single Roll With Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-273)		78.08	25.61
10 28 13 13-0034	EA	Two Roll Without Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-2740)		82.04	25.61
10 28 13 13-0035	EA	Two Roll With Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-274)		89.39	25.61

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	10 28 13 13-0036	EA	Two Roll Without Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-27460)	116.52	25.61
10 28 13 13-0037			**Stainless Steel Toilet Tissue Dispensers** *(10 28 13 13-0025)*		
	10 28 13 13-0038	EA	Single Roll, Surface Mounted, Vandal Resistant, Stainless Steel Toilet Tissue Dispenser (Bobrick Classic B-264)	66.49	25.61
	10 28 13 13-0039	EA	Double Roll, Surface Mounted, Toilet Tissue Dispenser With Utility Shelf (Bobrick B-540)	183.26	25.61
	10 28 13 13-0040	EA	Single Roll, Surface Mounted, Stainless Steel, Toilet Tissue Dispenser (Bobrick B-543)	108.19	25.61
	10 28 13 13-0041	EA	Single Roll, Recessed Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick B-663)	103.24	25.61
	10 28 13 13-0042	EA	Single Roll, Surface Mounted, Stainless Steel, Bright Polished Finish, Toilet Tissue Dispenser (Bobrick B-685)	111.86	25.61
	10 28 13 13-0043	EA	Double Roll, Surface Mounted, Stainless Steel, Bright Polished Finish, Toilet Tissue Dispenser (Bobrick B-686)	146.09	28.46
	10 28 13 13-0044	EA	Single Roll, Surface Mounted, Stainless Steel, Satin Finish, Toilet Tissue Dispenser (Bobrick B-6857)	111.86	25.61
	10 28 13 13-0045	EA	Double Roll, Surface Mounted, Stainless Steel, Satin Finish, Toilet Tissue Dispenser (Bobrick B-6867)	146.09	25.61
	10 28 13 13-0046	EA	Single Roll, Surface Mounted, Stainless Steel, Satin Finish, Toilet Tissue Dispenser With Hood (Bobrick B-66997)	157.09	25.61
	10 28 13 13-0047	EA	Double Roll, Surface Mounted, Stainless Steel, Satin Finish, Toilet Tissue Dispenser With Hoods (Bobrick B-6999)	243.41	25.61
	10 28 13 13-0048	EA	Double Roll, Surface Mounted, Stainless Steel, Satin Finish, Toilet Tissue Dispenser With Hoods (Bobrick B-69997)	243.41	25.61
	10 28 13 13-0049	EA	Single Jumbo Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick B-2890)	103.42	25.61
	10 28 13 13-0050	EA	Single Fold/Double Fold, Surface Mounted, Stainless Steel Toilet Tissue Cabinet (Bobrick B-272)	120.76	25.61
	10 28 13 13-0051	EA	Two Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Classic B-265)	76.94	25.61
	10 28 13 13-0052	EA	Two Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Classic B-2888)	129.53	25.61
	10 28 13 13-0053	EA	Two Roll, Recessed Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Classic B-3888)	181.91	25.61
	10 28 13 13-0054	EA	Two Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Contura B-4288)	189.75	25.61
	10 28 13 13-0055	EA	Two Roll, Recessed Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Contura B-4388)	240.16	25.61
	10 28 13 13-0056	EA	Two Jumbo Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick B-2892)	221.62	25.61
	10 28 13 13-0057	EA	Four Roll, Partition Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick B-386) Note: Mounts centered through toilet partitions.	342.69	25.61
	10 28 13 13-0058	EA	Multi-Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser With Shelf (Bobrick B-2840)	148.76	25.61
	10 28 13 13-0059	EA	Vertical Double Roll, Surface Mounted, Stainless Steel Coreless Toilet Tissue Dispenser (Georgia-Pacific Compact® 56782)	137.70	25.61
	10 28 13 13-0060	EA	Side By Side Double Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Georgia-Pacific Compact® 56796)	111.47	25.61
10 28 13 13-0061			**Soap or Sanitizer Dispensers** *(10 28 13 13-0002)*		
	10 28 13 13-0062	EA	20 Fluid Ounce, 4" Spout, Top-Filling Lavatory Mounted, Chrome Plated Soap Dispenser (Bobrick B-8221)	101.83	25.61
			For 34 Fluid Ounce (B-822), Add	*4.81*	
	10 28 13 13-0063	EA	20 Fluid Ounce, 6" Spout, Top-Filling Lavatory Mounted, Chrome Plated Soap Dispenser (Bobrick B-82216)	110.31	25.61
			For 34 Fluid Ounce (B-822), Add	*4.81*	
	10 28 13 13-0064	EA	24 Fluid Ounce, Surface Mounted, Translucent Polyethylene Soap Dispenser (Bobrick B-156)	69.60	25.61
	10 28 13 13-0065	EA	24 Fluid Ounce, Surface Mounted, Chrome-Plated, Translucent Polyethylene Soap Dispenser (Bobrick B-155)	75.53	25.61
	10 28 13 13-0066	EA	40 Fluid Ounce, Concealed Surface Mounted, Translucent Soap Dispenser (Bobrick B-40)	91.26	25.61
	10 28 13 13-0067	EA	40 Fluid Ounce, Surface Mounted, Translucent Plastic Soap Dispenser (Bobrick Classic B-42)	93.71	25.61
	10 28 13 13-0068	EA	40 Fluid Ounce, Surface Mounted, Stainless Steel Soap Dispenser (Bobrick Classic B-2111/2112)	103.52	25.61
	10 28 13 13-0069	EA	40 Fluid Ounce, Surface Mounted, Stainless Steel Soap Dispenser (Bobrick Contura B-4112)	130.38	25.61
	10 28 13 13-0070	EA	45 Fluid Ounce, Recessed Mounted, Stainless Steel Soap Dispenser (Bobrick B-306)	221.21	25.61
	10 28 13 13-0071	EA	50 Fluid Ounce, Recessed Mounted, Stainless Steel Soap Dispenser (Bobrick Contura B-4063)	351.53	25.61
	10 28 13 13-0072	EA	800 ml, Lavatory Mounted, Chrome Plated Automatic Soap Dispenser (Bobrick B-826.18) Note: Includes start-up kit.	218.75	25.61
10 28 13 13-0073			**Sanitizer Dispensers** *(10 28 13 13-0002)*		
10 28 13 13-0074			**Manual Sanitizer Dispensers** *(10 28 13 13-0073)*		
	10 28 13 13-0075	EA	1,200 ml, Wall Mounted, Plastic, Manual Operation Liquid Hand Sanitizer Dispenser (Purelll 5020-01)	80.50	25.61
	10 28 13 13-0076	EA	1,200 ml, Wall Mounted, Plastic, Manual Operation Foam Hand Sanitizer Dispenser (Purelll 4510-00)	81.71	25.61
	10 28 13 13-0077	EA	1,250 ml, Wall Mounted, Plastic, Manual Operation Gel Hand Sanitizer Dispenser (Purelll 8824-06-UV)	81.33	25.61
10 28 13 13-0078			**Automatic Sanitizer Dispensers** *(10 28 13 13-0073)*		
	10 28 13 13-0079	EA	1,000 ml, Wall Mounted, Plastic, Automatic Operation Liquid Hand Sanitizer Dispenser (Clorox 30242-EA)	75.34	25.61
	10 28 13 13-0080	EA	1,200 ml, Wall Mounted, Plastic, Automatic Operation Liquid Hand Sanitizer Dispenser (Purelll 6420-01 ES6)	97.95	25.61
	10 28 13 13-0081	EA	1,200 ml, Wall Mounted, Plastic, Automatic Operation Gel Hand Sanitizer Dispenser (Purelll 6520-01 CS6)	92.31	25.61
	10 28 13 13-0082	EA	1,200 ml, Wall Mounted, Plastic, Automatic Operation Liquid Hand Sanitizer Dispenser (Purelll 7720-01 ES8)	99.22	25.61
	10 28 13 13-0083	EA	1,000/1,200 ml, Wall Mounted, Plastic, Automatic Operation Foam/Gel Hand Sanitizer Dispenser (Georgia-Pacific enMotion® Gen2 Hygiene Series 52058)	114.19	25.61
	10 28 13 13-0084	EA	1,200 ml, Wall Mounted, Plastic, Automatic Operation Liquid Hand Sanitizer Dispenser (Purelll LTX-12 1920-04)	105.27	25.61
	10 28 13 13-0085	EA	1,200 ml, Wall Mounted, Plastic, Automatic Operation Liquid Hand Sanitizer Dispenser (Purelll TFX 2785-12)	160.03	25.61
	10 28 13 13-0086	EA	1,200 ml, Wall Mounted, Plastic, Automatic Operation Foam Hand Sanitizer Dispenser (Purelll TFX 2780-12)	177.22	25.61
	10 28 13 13-0087	EA	2,000 ml, Wall Mounted, Plastic, Automatic Operation Liquid Hand Sanitizer Dispenser (Purelll 5240-06)	114.90	25.61
10 28 13 13-0088			**Automatic Floor Stand Sanitizer Dispensers** *(10 28 13 13-0073)*		
	10 28 13 13-0089	EA	Floor Stand For Hand Sanitizer Dispenser (Purelll 2423-DS Stand) Note: For use with TFX and LTX 1,200mL dispensers. Excludes hand sanitizer dispensers.	251.40	8.53
	10 28 13 13-0090	EA	1,200 ml, Automatic Touch-Free Hand Sanitizer Dispenser With Floor Stand (Purelll LTX™ With 2423-DS Stand)	294.06	8.53
			For Liquid TFX Dispenser, Add	*54.76*	
			For Foam TFX Dispenser, Add	*71.95*	
	10 28 13 13-0091	EA	1,000 ml, Floor Stand, Metal, Automatic Operation Liquid Hand Sanitizer Dispenser (Purell Elite LTX™ 2456-DS)	573.59	8.53

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13 13-0092	EA	1,200 ml, Floor Stand, ABS Plastic, Automatic Operation Foam/Gel Hand Sanitizer Dispenser (Purell 7308-DS-SLV)	616.88	8.53
10 28 13 13-0093	EA	1,200 ml, Floor Stand, Aluminum and Polypropylene, Automatic Operation Liquid Hand Sanitizer Dispenser (Purell 2454-DS02)	641.08	8.53
10 28 13 13-0094		**Facial Tissue Dispensers** *(10 28 13 13-0002)*		
10 28 13 13-0095	EA	Surface Mounted, Stainless Steel Facial Tissue Dispenser (Bobrick B-8397)	117.10	25.61
10 28 13 13-0096	EA	Recessed Mounted, Stainless Steel Facial Tissue Dispenser (Gamco 355)	83.46	25.61
10 28 13 13-0097		**Sanitary Toilet Seat Cover Dispensers** *(10 28 13 13-0002)*		
10 28 13 13-0098	EA	Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Sanitary Seat-Cover Dispenser (Bobrick Matrix B-5221)	68.46	25.61
10 28 13 13-0099	EA	Surface Mounted, Stainless Steel Sanitary Seat-Cover Dispenser (Bobrick Classic B-221)	90.80	25.61
10 28 13 13-0100	EA	Surface Mounted, Stainless Steel Sanitary Seat-Cover Dispenser (Bobrick Contura B-4221)	161.20	25.61
10 28 13 13-0101	EA	Recessed Mounted, Stainless Steel Sanitary Seat-Cover Dispenser (Bobrick Classic B-301)	169.48	25.61
10 28 13 13-0102	EA	Recessed Mounted, Stainless Steel Sanitary Seat-Cover Dispenser (Bobrick TrimLine B-3013)	333.16	25.61
10 28 13 13-0103		**Sanitary Toilet Seat Cover/Toilet Tissue Dispensers** *(10 28 13 13-0002)*		
10 28 13 13-0104	EA	Surface Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser (Bobrick Classic B-3479)	530.54	25.61
10 28 13 13-0105	EA	Recessed Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser (Bobrick B-34745)	323.47	25.61
10 28 13 13-0106		**Sanitary Napkin/Tampon Dispensers** *(10 28 13 13-0002)*		
10 28 13 13-0107	EA	Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Vendor (Bobrick B-370639C)	654.81	25.61
10 28 13 13-0108	EA	Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Vendor (Gamco B-282 25)	498.18	25.61
10 28 13 13-0109	EA	Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Vending (Bobrick B-2706)	663.43	25.61
10 28 13 13-0110	EA	Recessed Mounted, Stainless Steel Sanitary Napkin/Tampon Vendor (Bobrick Classic B-352 25)	502.50	25.61
10 28 13 13-0111	EA	Recessed Mounted, Single Coin Operation, Stainless Steel, Sanitary Napkin/Tampon Vendor (Gamco NV-2-4)	441.93	25.61
10 28 13 13-0112	EA	Recessed Mounted, Stainless Steel Sanitary Napkin/Tampon Vendor (Bradley 401-45)	580.01	25.61
10 28 13 13-0113		**Toilet Compartment Combination Dispenser/Disposals** *(10 28 13 13-0002)*		
10 28 13 13-0114	EA	Side Wall Recessed Mounted, Stainless Steel Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-3094)	463.36	56.92
10 28 13 13-0115	EA	Side Wall Recessed Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser (Bobrick B-3474)	517.25	56.92
10 28 13 13-0116	EA	Side Wall Recessed Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-35745)	429.11	56.92
10 28 13 13-0117	EA	Side Wall Recessed Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-3574)	603.77	56.92
10 28 13 13-0118	EA	Partition Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser (Bobrick B-347)	620.44	56.92
10 28 13 13-0119	EA	Partition Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-357)	713.46	56.92
10 28 13 13-0120	EA	Surface Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-3579)	668.97	56.92
10 28 13 13-0121		**Receptacles** *(10 28 13 13-0001)*		
10 28 13 13-0122		**Wall Mounted Waste Receptacles** *(10 28 13 13-0121)*		
10 28 13 13-0123	EA	1-1/2 Gallon, Surface Mounted, Stainless Steel Facial Tissue Waste Receptacle (Gamco WR-3)	103.48	25.61
10 28 13 13-0124	EA	6.4 Gallon, Surface Mounted, Stainless Steel Waste Receptacle (Bobrick B-279)	171.37	25.61
10 28 13 13-0125	EA	12 Gallon, 4" Wall Recess, Stainless Steel Waste Receptacle (Bobrick Classic B-3644)	395.98	56.92
10 28 13 13-0126	EA	12 Gallon, 4" Wall Recess, Stainless Steel Waste Receptacle (Bobrick Contura B-43644)	587.09	56.92
10 28 13 13-0127	EA	20 Gallon, Surface Mounted, Stainless Steel Waste Receptacle (Bobrick B-275)	465.24	56.92
10 28 13 13-0128		**Floor-Standing/Counter Waste Receptacles** *(10 28 13 13-0121)*		
10 28 13 13-0129	EA	5-7/8" Inside Diameter, 3-7/8" Deep, Countertop-Mounted, Stainless Steel Waste Chute (Bobrick B-532)	122.04	25.61
10 28 13 13-0130	EA	5-7/16" Inside Diameter, 5" Deep, Countertop-Mounted, Stainless Steel Waste Chute (Bobrick B-529)	174.48	25.61
10 28 13 13-0131	EA	13 Gallon, Open Top, Stainless Steel Floor Standing Waste Receptacle (Bobrick B-2260)	331.50	11.38
10 28 13 13-0132	EA	13 Gallon, Swing-Top, Stainless Steel Floor-Standing Waste Receptacle (Bobrick B-2250)	501.70	11.38
10 28 13 13-0133	EA	18 Gallon, Open Top, Stainless Steel Floor-Standing Waste Receptacle (Bobrick B-2300)	469.98	11.38
10 28 13 13-0134	EA	21 Gallon, Open Top, Stainless Steel Floor Standing Waste Receptacle (Bobrick B-2280)	451.94	11.38
10 28 13 13-0135		**Combination Paper Towel Dispenser/ Waste Receptacle** *(10 28 13 13-0121)*		
10 28 13 13-0136	EA	2 Gallon, Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Classic B-369)	328.13	56.92
10 28 13 13-0137	EA	2.6 Gallon, Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Contura B-4369)	526.87	56.92
10 28 13 13-0138	EA	2 Gallon, Recess Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Classic B-3944)	518.96	56.92
10 28 13 13-0139	EA	12 Gallon, Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Classic B-3900)	753.75	56.92
10 28 13 13-0140	EA	12 Gallon, Semi-Recess Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Classic B-3909)	1,037.22	56.92
10 28 13 13-0141	EA	12 Gallon, Recessed Mounted, Stainless Steel Combination Roll Towel Dispenser/Waste Receptacle (Bobrick Classic B-3961)	876.87	56.92

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13 13-0142	EA	12 Gallon, Surface Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Classic B-3949)	676.17	56.92
10 28 13 13-0143	EA	12 Gallon, Surface Mounted, Stainless Steel Combination Roll Towel Dispenser/Waste Receptacle (Bobrick Classic B-39619)	1,094.55	56.92
10 28 13 13-0144	EA	16 Gallon, Semi-Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Contura B-43944)	1,012.36	62.61
10 28 13 13-0145	EA	18 Gallon, Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Classic B-3947)	681.02	62.61

10 28 13 13-0146 Sanitary Napkin/Tampon Receptacles *(10 28 13 13-0121)*

10 28 13 13-0147	EA	Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Contura B-270)	95.65	28.46
10 28 13 13-0148	EA	Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Classic B-254)	188.90	28.46
10 28 13 13-0149	EA	Recessed Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Classic B-353)	205.34	28.46
10 28 13 13-0150	EA	Recessed Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Classic B-35303)	477.31	28.46
10 28 13 13-0151	EA	Partition Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Classic B-354)	253.96	28.46
10 28 13 13-0152	EA	Partition Mounted, Stainless Steel Sanitary Napkin Disposal (Bobrick Contura B-4354)	443.67	28.46

10 28 13 13-0153 Grab Bars *(10 28 13 13-0001)*

10 28 13 13-0154 1-1/4" Diameter, Stainless Steel Grab Bars *(10 28 13 13-0153)*

Note: Includes satin finish and concealed mounting with snap flange.

10 28 13 13-0155	EA	12" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Gamco 125sx12)	94.79	22.76
		For Peened Grip, Add	*4.95*	
10 28 13 13-0156	EA	18" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x18)	108.84	22.76
		For Peened Grip, Add	*6.21*	
10 28 13 13-0157	EA	24" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x24)	110.25	22.76
		For Peened Grip, Add	*6.34*	
10 28 13 13-0158	EA	30" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x30)	110.91	22.76
		For Peened Grip, Add	*6.40*	
10 28 13 13-0159	EA	36" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x36)	111.09	22.76
		For Peened Grip, Add	*6.41*	
10 28 13 13-0160	EA	42" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x42)	114.49	22.76
		For Peened Grip, Add	*6.72*	
10 28 13 13-0161	EA	48" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x48)	119.85	22.76
		For Peened Grip, Add	*7.20*	

10 28 13 13-0162 1-1/4" Diameter, Two Wall, Stainless Steel Grab Bars *(10 28 13 13-0153)*

Note: Includes satin finish and concealed mounting with snap flange.

10 28 13 13-0163	EA	24" x 36", Two Wall, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-58616)	182.10	22.76
		For Peened Grip, Add	*12.29*	
10 28 13 13-0164	EA	36" x 54", Two Wall, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5837)	185.76	22.76
		For Peened Grip, Add	*12.62*	

10 28 13 13-0165 1-1/2" Diameter, Stainless Steel Grab Bars *(10 28 13 13-0153)*

Note: Includes satin finish and concealed mounting with snap flange.

10 28 13 13-0166	EA	12" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x12)	107.66	22.76
		For Peened Grip, Add	*6.10*	
10 28 13 13-0167	EA	18" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x18)	108.84	22.76
		For Peened Grip, Add	*6.21*	
10 28 13 13-0168	EA	24" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x24)	111.09	22.76
		For Peened Grip, Add	*6.41*	
10 28 13 13-0169	EA	30" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x30)	113.36	22.76
		For Peened Grip, Add	*6.62*	
10 28 13 13-0170	EA	36" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x36)	116.18	22.76
		For Peened Grip, Add	*6.87*	
10 28 13 13-0171	EA	42" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x42)	118.73	22.76
		For Peened Grip, Add	*7.10*	
10 28 13 13-0172	EA	48" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x48)	124.95	22.76
		For Peened Grip, Add	*7.66*	

10 28 13 13-0173 1-1/2" Diameter, Two Wall, Stainless Steel Grab Bars *(10 28 13 13-0153)*

Note: Includes satin finish and concealed mounting with snap flange.

10 28 13 13-0174	EA	16" x 31", Two Wall, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6861)	166.82	22.76
		For Peened Grip, Add	*10.92*	
10 28 13 13-0175	EA	24" x 36", Two Wall, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-68616)	178.99	22.76
		For Peened Grip, Add	*12.01*	
10 28 13 13-0176	EA	36" x 54", Two Wall, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-68137)	156.08	22.76
		For Peened Grip, Add	*9.95*	

10 28 13 13-0177 1-1/4" Diameter, Stainless Steel Swing Up Grab Bars *(10 28 13 13-0153)*

Note: Includes satin finish and mounting for swing up.

10 28 13 13-0178	EA	29" Length, 1-1/4" Diameter, Stainless Steel Swing Up Grab Bar (Bobrick B-4998)	482.01	22.76
		For Peened Grip, Add	*39.80*	

10 28 13 13-0179 Shelves *(10 28 13 13-0001)*

10 28 13 13-0180	EA	5" Width x 16" Length, Stainless Steel Shelf (Bobrick B-295)	123.87	25.61

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13 13-0181	EA	5" Width x 18" Length, Stainless Steel Shelf (Bobrick B-295)	127.27	25.61
10 28 13 13-0182	EA	5" Width x 24" Length, Stainless Steel Shelf (Bobrick B-295)	142.82	25.61
10 28 13 13-0183	EA	5" Width x 36" Length, Stainless Steel Shelf (Gamco S-5x36)	146.73	25.61
10 28 13 13-0184	EA	6" Width x 18" Length, Stainless Steel Shelf (Bobrick B-296)	140.57	25.61
10 28 13 13-0185	EA	6" Width x 24" Length, Stainless Steel Shelf (Gamco S-6x24)	142.41	25.61
10 28 13 13-0186	EA	8" Width x 18" Length, Stainless Steel Shelf (Bobrick B-298)	151.58	25.61
10 28 13 13-0187	EA	8" Width x 24" Length, Stainless Steel Shelf (Bobrick B-298)	164.86	25.61
10 28 13 13-0188	EA	8" Width x 36" Length, Stainless Steel Shelf (Gamco S-8x36)	192.94	25.61
10 28 13 13-0189	EA	5-3/4" Width x 14-1/2" Length, Folding Stainless Steel Utility Shelf (Bobrick B-287)	151.86	25.61
10 28 13 13-0190	EA	4-3/4" Width x 24" Length, Stainless Steel Toiletry Shelf (Bobrick B-683)	154.69	25.61
10 28 13 13-0191	EA	12" Width x 24" Length, Stainless Steel Shelf (Bradley 7512-24)	179.58	25.61
10 28 13 13-0192	EA	12" Width x 30" Length, Stainless Steel Shelf (Bradley 7512-30)	190.80	25.61
10 28 13 13-0193	EA	12" Width x 36" Length, Stainless Steel Shelf (Bradley 7512-36)	208.11	25.61
10 28 13 13-0194	EA	12" Width x 48" Length, Stainless Steel Shelf (Bradley 7512-48)	255.20	25.61
10 28 13 13-0195	EA	12" Width x 60" Length, Stainless Steel Shelf (Bradley 7512-60)	341.00	25.61
10 28 13 13-0196	EA	4-1/4" Width x 16-1/2" Length x 6-1/2" Height, Recessed Stainless Steel Shelf (American Specialties 0412)	159.42	25.61
10 28 13 13-0197		**Changing Stations** *(10 28 13 13-0001)*		
10 28 13 13-0198	EA	Horizontal, Wall-Mounted, Polyethylene Baby Changing Station (Gamco BCS-1)	458.47	34.15
10 28 13 13-0199	EA	Vertical, Wall-Mounted, Polyethylene Baby Changing Station (Bobrick Koala Care KB101-00)	485.77	34.15
10 28 13 13-0200	EA	Horizontal, Wall-Mounted, Polypropylene Baby Changing Station (Bobrick Koala Care KB200-00)	401.24	34.15
10 28 13 13-0201	EA	Horizontal, Recessed Mounted, Stainless Steel Baby Changing Station (Bobrick Koala Care KB110-SSRE)	1,940.26	34.15
10 28 13 13-0202	EA	Horizontal, Wall-Mounted, Stainless Steel Baby Changing Station (Bobrick Koala Care KB110-SSWM)	2,266.47	34.15
10 28 13 13-0203	EA	Vertical, Recessed Mounted, Stainless Steel Baby Changing Station (Bobrick Koala Care KB111-SSRE)	1,940.26	34.15
10 28 13 13-0204	EA	Vertical, Wall-Mounted, Stainless Steel Baby Changing Station (Bobrick Koala Care KB111-SSWM)	2,266.47	34.15
10 28 13 13-0205		**Folding Shower Seats** *(10 28 13 13-0001)*		
10 28 13 13-0206	EA	33" Width, Wall-Mounted, Reversible, Folding, Stainless Steel Hardware, Solid Phenolic Shower Seat (Bobrick B-5181)	575.88	45.53
10 28 13 13-0207	EA	33" Width, Wall-Mounted, Foam Padded, Naugahyde® Folding Shower Seat (Bobrick B-517/518)	753.99	45.53
10 28 13 13-0208	EA	30" Width, Wall-Mounted, Teakwood Folding Shower Seat	2,349.78	45.53
10 28 13 13-0209	EA	33-1/2" Width, Wall-Mounted, Stainless Steel, Americans With Disabilities Act Compliant Folding Shower Seat, (Acorn Shower-Ware 1103-31/1103-32)	3,850.56	
10 28 13 13-0210		**Soap/Dish Holders** *(10 28 13 13-0001)*		
10 28 13 13-0211	EA	Surface Mounted, Stainless Steel Toothbrush and Tumbler Holder (Gamco 7679)	63.46	25.61
10 28 13 13-0212	EA	Surface Mounted, Stainless Steel Soap Dish (Gamco 7680)	65.43	25.61
10 28 13 13-0213	EA	Recessed Mounted, Stainless Steel Soap Dish (Bobrick B-4380)	114.91	25.61
10 28 13 13-0214	EA	Recessed Mounted, Stainless Steel Soap Dish And Bar (Bobrick B-4390)	124.81	25.61
10 28 13 13-0215		**Shower Curtains/Curtain Rods** *(10 28 13 13-0001)*		
10 28 13 13-0216	EA	Stainless Steel Shower Curtain Hook (Bobrick B-204-1)	3.15	1.14
10 28 13 13-0217	EA	42" Width x 72" Height, Vinyl Shower Curtain (Bobrick B-204-2) Note: Requires 7 curtain hooks.	51.32	11.38
10 28 13 13-0218	EA	70" Width x 72" Height, Vinyl Shower Curtain (Bobrick B-204-3) Note: Requires 12 curtain hooks.	53.73	11.38
10 28 13 13-0219	EA	36" Length, 20 Gauge, 1" Diameter, Stainless Steel Shower Rod With Concealed Mounting (Bobrick B-207)	91.08	25.61
10 28 13 13-0220	EA	48" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod With Concealed Mounting (Bobrick B-207)	97.31	25.61
10 28 13 13-0221	EA	60" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod With Concealed Mounting (Bobrick B-207)	104.94	25.61
10 28 13 13-0222	EA	72" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod With Concealed Mounting (Bobrick B-207)	114.27	25.61
10 28 13 13-0223	EA	36" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod (Bobrick B-6107x36)	80.34	25.61
10 28 13 13-0224	EA	48" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod (Bobrick B-6107x48)	87.69	25.61
10 28 13 13-0225	EA	60" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod (Bobrick B-6107x60)	91.93	25.61
10 28 13 13-0226	EA	72" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod (Bobrick B-6107x72)	97.31	25.61
10 28 13 13-0227	EA	36" Length, 18-Gauge, 1-1/4" Diameter, Stainless Steel Shower Rod (Bobrick B-6047)	83.45	25.61
10 28 13 13-0228	EA	48" Length, 18-Gauge, 1-1/4" Diameter, Stainless Steel Shower Rod (Bobrick B-6047)	89.67	25.61
10 28 13 13-0229	EA	60" Length, 18-Gauge, 1-1/4" Diameter, Stainless Steel Shower Rod (Bobrick B-6047)	97.01	25.61
10 28 13 13-0230	EA	72" Length, 18-Gauge, 1-1/4" Diameter, Stainless Steel Shower Rod (Bobrick B-6047)	102.11	25.61
10 28 13 13-0231		**Hand Dryers** *(10 28 13 13-0001)*		
10 28 13 13-0232	EA	Surface Mounted, Automatic Sensor, One Piece Plastic Cover Hand Dryer (Bobrick CompacDryer B-710)	544.24	32.13
10 28 13 13-0233	EA	Surface Mounted, Automatic Sensor, Cast Aluminum Cover Hand Dryer (Bobrick B-7120-115V)	585.78	32.13
10 28 13 13-0234	EA	Surface Mounted, Automatic Sensor, Cast-Iron Cover Hand Dryer (Bobrick B-7128 230V)	648.55	32.13
10 28 13 13-0235	EA	Recessed Mounted, Automatic Sensor, Cast-Iron Cover Hand Dryer (Bobrick B-750-115/230)	916.50	32.13
10 28 13 13-0236	EA	Surface Mounted, Touch-Button, Cast-Iron Cover Hand Dryer (World Dryer A)	565.45	32.13
10 28 13 13-0237	EA	Surface Mounted, Automatic Sensor, Cast-Iron Cover Hand Dryer (World Dryer A)	623.64	32.13
10 28 13 13-0238	EA	Surface Mounted, Touch-Button, Cast-Iron Cover Hand/Hair Dryer (American Dryer A60)	2,631.15	32.13
10 28 13 13-0239	EA	Surface Mounted, Automatic Sensor, Cast-Iron Cover Hand/Hair Dryer (American Dryer A60T)	2,740.46	32.13
10 28 13 13-0240	EA	Recessed Mounted, Automatic Sensor, Cast-Iron Cover Hand/Hair Dryer (American Dryer A60TR)	2,857.07	32.13
10 28 13 13-0241	EA	Surface Mounted, Automatic Sensor, Cast-Iron Cover Hand Dryer (Excel Xlerator XL-GR)	700.85	32.13
10 28 13 13-0242	EA	Surface Mounted, Automatic Sensor, Acrylonitrile Butadiene Styrene (ABS) Polycarbonate Cover Hand Dryer (Dyson Airblade AB12)	1,804.70	32.13
10 28 13 13-0243	EA	Surface Mounted, Automatic Sensor, Acrylonitrile Butadiene Styrene (ABS) Polycarbonate Cover Hand Dryer (Dyson Airblade AB14)	3,039.24	32.13

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13 13-0244	EA	Surface Mounted, Automatic Sensor, White ABS Cover, CPC Technology, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer CPC9)	1,334.25	32.13
		Note: CPC technology kills germs naturally with no chemicals. Electronically adjustable sound and speed.		
10 28 13 13-0245	EA	Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, CPC Technology, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer CPC9-M)	1,408.94	32.13
		Note: CPC technology kills germs naturally with no chemicals. Electronically adjustable sound and speed.		
10 28 13 13-0246	EA	Surface Mounted, Automatic Sensor, Black Graphite Steel Cover, CPC Technology, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer CPC9-BG)	1,451.62	32.13
		Note: CPC technology kills germs naturally with no chemicals. Electronically adjustable sound and speed.		
10 28 13 13-0247	EA	Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, CPC Technology, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer CPC9-C)	1,494.30	32.13
		Note: CPC technology kills germs naturally with no chemicals. Electronically adjustable sound and speed.		
10 28 13 13-0248	EA	Surface Mounted, Automatic Sensor, Stainless Steel Cover, CPC Technology, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer CPC9-SS)	1,579.65	32.13
		Note: CPC technology kills germs naturally with no chemicals. Electronically adjustable sound and speed.		
10 28 13 13-0249	EA	Surface Mounted, Automatic Sensor, White ABS Cover, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer GXT9)	1,078.19	32.13
		Note: Electronically adjustable sound and speed.		
10 28 13 13-0250	EA	Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer GXT9-M)	1,152.87	32.13
		Note: Electronically adjustable sound and speed.		
10 28 13 13-0251	EA	Surface Mounted, Automatic Sensor, Black Graphite Steel Cover, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer GXT9-BG)	1,195.55	32.13
		Note: Electronically adjustable sound and speed.		
10 28 13 13-0252	EA	Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer GXT9-C)	1,238.23	32.13
		Note: Electronically adjustable sound and speed.		
10 28 13 13-0253	EA	Surface Mounted, Automatic Sensor, Stainless Steel Cover, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer GXT9-SS)	1,323.59	32.13
		Note: Electronically adjustable sound and speed.		
10 28 13 13-0254	EA	Surface Mounted, Automatic Sensor, White ABS Cover, Dries Hands In 12 To 15 Seconds, Hand Dryer (American Dryer EXT7)	1,078.19	32.13
		Note: Electronically adjustable sound and speed.		
10 28 13 13-0255	EA	Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, Dries Hands In 12 To 15 Seconds, Hand Dryer (American Dryer EXT7-M)	1,152.87	32.13
		Note: Electronically adjustable sound and speed.		
10 28 13 13-0256	EA	Surface Mounted, Automatic Sensor, Black Graphite Finish Steel Cover, Dries Hands In 12 To 15 Seconds, Hand Dryer (American Dryer EXT7-BG)	1,195.55	32.13
		Note: Electronically adjustable sound and speed.		
10 28 13 13-0257	EA	Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, Dries Hands In 12 To 15 Seconds, Hand Dryer (American Dryer EXT7-C)	1,238.23	32.13
		Note: Electronically adjustable sound and speed.		
10 28 13 13-0258	EA	Surface Mounted, Stainless Steel Cover, Dries Hands In 12 To 15 Seconds, Hand Dryer (American Dryer EXT7-SS)	1,323.59	32.13
		Note: Electronically adjustable sound and speed.		
10 28 13 13-0259	EA	Surface Mounted, Automatic Sensor, White ABS Cover, Dries Hands In 25 Seconds, Hand Dryer (American Dryer AD90)	779.44	32.13
10 28 13 13-0260	EA	Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, Dries Hands In 25 Seconds, Hand Dryer (American Dryer AD90-M)	854.13	32.13
10 28 13 13-0261	EA	Surface Mounted, Automatic Sensor, Black Graphite Finish Steel Cover, Dries Hands In 25 Seconds, Hand Dryer (American Dryer AD90-BG)	896.81	32.13
10 28 13 13-0262	EA	Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, Dries Hands In 25 Seconds, Hand Dryer (American Dryer AD90-C)	939.48	32.13
10 28 13 13-0263	EA	Surface Mounted, Stainless Steel Cover, Dries Hands In 25 Seconds, Hand Dryer (American Dryer AD90-SS)	1,024.84	32.13
10 28 13 13-0264	EA	Surface Mounted, Automatic Sensor, White ABS Cover, Stays On For 80 Seconds, Hair Dryer (American Dryer AD90H)	779.44	32.13
10 28 13 13-0265	EA	Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, Stays On For 80 Seconds, Hair Dryer (American Dryer AD90-MH)	854.13	32.13
10 28 13 13-0266	EA	Surface Mounted, Automatic Sensor, Black Graphite Finish Steel Cover, Stays On For 80 Seconds, Hair Dryer (American Dryer AD90-BGH)	896.81	32.13
10 28 13 13-0267	EA	Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, Stays On For 80 Seconds, Hair Dryer (American Dryer AD90-CH)	939.48	32.13
10 28 13 13-0268	EA	Surface Mounted, Automatic Sensor, Stainless Steel Cover, Stays On For 80 Seconds, Hair Dryer (American Dryer AD90-SSH)	1,024.84	32.13
10 28 13 13-0269	EA	Surface Mounted, Automatic Sensor, ABS Cover, Hand Dryer (American Dryer GX1)	566.05	32.13
10 28 13 13-0270	EA	Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, Hand Dryer (American Dryer GX1-M)	640.74	32.13
10 28 13 13-0271	EA	Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, Hand Dryer (American Dryer GX1-C)	726.09	32.13
10 28 13 13-0272		Hand Dryers (Excel XLERATOR®) *(10 28 13 13-0001)*		
		Note: With or without noise reduction nozzle options.		
10 28 13 13-0273	EA	Surface Mounted, Automatic Sensor, White Epoxy Painted Finish, Zinc-Die Cast Cover, Hand Dryer (Excel XLERATOR® XL-W)	1,108.07	32.13
		For ADA-Compliant Recess Kit, Add	*174.18*	
10 28 13 13-0274	EA	Surface Mounted, Automatic Sensor, White Epoxy Painted Finish, Zinc-Die Cast Cover, Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOR® XL-WH)	1,560.82	32.13
		For ADA-Compliant Recess Kit, Add	*174.18*	
10 28 13 13-0275	EA	Surface Mounted, Automatic Sensor, Graphite Textured Painted Finish, Zinc-Die Cast Cover, Hand Dryer (Excel XLERATOR® XL-GR)	1,300.32	32.13
		For ADA-Compliant Recess Kit, Add	*174.18*	
10 28 13 13-0276	EA	Surface Mounted, Automatic Sensor, Graphite Textured Painted Finish, Zinc-Die Cast Cover Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel Xlerator XL-GRH)	1,625.95	32.13
		For ADA-Compliant Recess Kit, Add	*174.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13 13-0277	EA	Surface Mounted, Automatic Sensor, Chrome Plated Finish, Zinc-Die Cast Cover, Hand Dryer (Excel XLERATOR® XL-C)	1,398.01	32.13
		For ADA-Compliant Recess Kit, Add	*174.18*	
10 28 13 13-0278	EA	Surface Mounted, Automatic Sensor, Chrome Plated Finish, Zinc-Die Cast Cover, Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOR® XL-CH)	1,723.64	32.13
		For ADA-Compliant Recess Kit, Add	*174.18*	
10 28 13 13-0279	EA	Surface Mounted, Automatic Sensor, Brushed Finish, Stainless Steel Cover, Hand Dryer (Excel XLERATOR® XL-SB)	1,398.01	32.13
		For ADA-Compliant Recess Kit, Add	*174.18*	
10 28 13 13-0280	EA	Surface Mounted, Automatic Sensor, Brushed Finish, Stainless Steel Cover, Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOR® XL-SBH)	1,723.64	32.13
		For ADA-Compliant Recess Kit, Add	*174.18*	
10 28 13 13-0281	EA	Surface Mounted, Automatic Sensor, Custom Color Painted Finish, Zinc-Die Cast Cover, Hand Dryer (Excel XLERATOR® XL-SP)	1,300.32	32.13
		For ADA-Compliant Recess Kit, Add	*174.18*	
10 28 13 13-0282	EA	Surface Mounted, Automatic Sensor, Custom Color Painted Finish, Zinc-Die Cast Cover, Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOR® XL-SPH)	1,625.95	32.13
		For ADA-Compliant Recess Kit, Add	*174.18*	
10 28 13 13-0283	EA	Surface Mounted, Automatic Sensor, White Finish, Polymer Cover (BMC), Hand Dryer (Excel XLERATOR® XL-BW)	1,170.07	32.13
		For ADA-Compliant Recess Kit, Add	*174.18*	
10 28 13 13-0284	EA	Surface Mounted, Automatic Sensor, White Finish, Polymer Cover (BMC), Hand Dryer With High Efficiency Particulate Air (HEPA)Filtration System (Excel XLERATOR® XL-BWH)	1,495.70	32.13
		For ADA-Compliant Recess Kit, Add	*174.18*	
10 28 13 13-0285	EA	Surface Mounted, Automatic Sensor, White Epoxy Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer (Excel XLERATOReco® XL-W-ECO)	1,108.07	32.13
		For ADA-Compliant Recess Kit, Add	*174.18*	
10 28 13 13-0286	EA	Surface Mounted, Automatic Sensor, White Epoxy Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOReco® XL-WH-ECO)	1,560.82	32.13
		For ADA-Compliant Recess Kit, Add	*174.18*	
10 28 13 13-0287	EA	Surface Mounted, Automatic Sensor, Graphite Textured Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer (Excel XLERATOReco® XL-GR-ECO)	1,300.32	32.13
		For ADA-Compliant Recess Kit, Add	*174.18*	
10 28 13 13-0288	EA	Surface Mounted, Automatic Sensor, Graphite Textured Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOReco® XL-GRH-ECO)	1,625.95	32.13
		For ADA-Compliant Recess Kit, Add	*174.18*	
10 28 13 13-0289	EA	Surface Mounted, Automatic Sensor, Chrome Plated Finish, Zinc-Die Cast Cover, No Heat Hand Dryer (Excel XLERATOReco® XL-C-ECO)	1,398.01	32.13
		For ADA-Compliant Recess Kit, Add	*174.18*	
10 28 13 13-0290	EA	Surface Mounted, Automatic Sensor, Chrome Plated Finish, Zinc-Die Cast Cover, No Heat Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOReco® XL-CH-ECO)	1,723.64	32.13
		For ADA-Compliant Recess Kit, Add	*174.18*	
10 28 13 13-0291	EA	Surface Mounted, Automatic Sensor, Brushed Finish, Stainless Steel Cover, No Heat Hand Dryer (Excel XLERATOReco® XL-SB-ECO)	1,398.01	32.13
		For ADA-Compliant Recess Kit, Add	*174.18*	
10 28 13 13-0292	EA	Surface Mounted, Automatic Sensor, Brushed Finish, Stainless Steel Cover, No Heat Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOReco® XL-SBH-ECO)	1,723.64	32.13
		For ADA-Compliant Recess Kit, Add	*174.18*	
10 28 13 13-0293	EA	Surface Mounted, Automatic Sensor, Custom Color Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer (Excel XLERATOReco® XL-SP-ECO)	1,300.32	32.13
		For ADA-Compliant Recess Kit, Add	*174.18*	
10 28 13 13-0294	EA	Surface Mounted, Automatic Sensor, Custom Color Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOReco® XL-SPH-ECO)	1,625.95	32.13
		For ADA-Compliant Recess Kit, Add	*174.18*	
10 28 13 13-0295	EA	Surface Mounted, Automatic Sensor, White Finish, Polymer Cover (BMC), No Heat Hand Dryer (Excel XLERATOReco® XL-BW-ECO)	1,170.07	32.13
		For ADA-Compliant Recess Kit, Add	*174.18*	
10 28 13 13-0296	EA	Surface Mounted, Automatic Sensor, White Finish, Polymer Cover (BMC), No Heat Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOReco® XL-BWH-ECO)	1,495.70	32.13
		For ADA-Compliant Recess Kit, Add	*174.18*	

10 28 13 13-0297 Additional Accessories *(10 28 13 13-0001)*

10 28 13 13-0298 Hooks *(10 28 13 13-0297)*

10 28 13 13-0299	EA	Stainless Steel Clothes Hook And Bumper (Bobrick B-212)	32.09	11.38
10 28 13 13-0300	EA	Single Stainless Steel Robe Hook (Bobrick B-233)	38.31	11.38
10 28 13 13-0301	EA	Single Stainless Steel Robe Hook (Bobrick B-7671)	32.65	11.38
10 28 13 13-0302	EA	Double Stainless Steel Robe Hook (Bobrick B-7672)	35.43	11.38
10 28 13 13-0303	EA	Double Stainless Steel Robe Hook (Bobrick B-672 or B-6727)	58.66	11.38
10 28 13 13-0304	EA	Single Stainless Steel Robe Hook (Bobrick B-6717)	53.00	11.38

10 28 13 13-0305 Clotheslines *(10 28 13 13-0297)*

10 28 13 13-0306	EA	Surface Mounted, Stainless Steel Retractable Clothesline (Gamco 7636)	56.10	22.76

10 28 13 13-0307 Towel Bars *(10 28 13 13-0297)*

10 28 13 13-0308	EA	18" Length, 3/4" Square, Stainless Steel Towel Bar (Gamco 7673x18)	69.16	25.61
10 28 13 13-0309	EA	24" Length, 3/4" Square, Stainless Steel Towel Bar (Gamco 7673x24)	69.38	25.61
10 28 13 13-0310	EA	18" Length, 3/4" Diameter, Stainless Steel Towel Bar (Gamco 7674x18)	77.67	25.61
10 28 13 13-0311	EA	24" Length, 3/4" Diameter, Stainless Steel Towel Bar (Gamco 7674x24)	78.46	25.61
10 28 13 13-0312	EA	18" Length, 3/4" Square, Stainless Steel Towel Bar (Bobrick B-673)	114.83	25.61
10 28 13 13-0313	EA	24" Length, 3/4" Square, Stainless Steel Towel Bar (Bobrick B-673)	119.63	25.61

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13 13-0314	EA	18" Length, 3/4" Diameter, Stainless Steel Towel Bar (Bobrick B-674)	118.51	25.61
10 28 13 13-0315	EA	24" Length, 3/4" Diameter, Stainless Steel Towel Bar (Bobrick B-674 or B-6747))	122.46	25.61
10 28 13 13-0316	EA	18" Length, 1" Diameter, Heavy-Duty, Stainless Steel Towel Bar (Bobrick B-205)	129.54	25.61
10 28 13 13-0317	EA	24" Length, 1" Diameter, Heavy-Duty, Stainless Steel Towel Bar (Bobrick B-205)	133.74	25.61
10 28 13 13-0318	EA	18" Length, 1" Diameter, Extra-Heavy-Duty, Stainless Steel Towel Bar/Grab Bar (Bobrick B-530)	98.72	25.61
10 28 13 13-0319	EA	24" Length, 1" Diameter, Extra-Heavy-Duty, Stainless Steel Towel Bar/Grab Bar (Bobrick B-530)	102.39	25.61
10 28 13 13-0320		**Towel Bar With Shelf** *(10 28 13 13-0297)*		
10 28 13 13-0321	EA	24" Length, Stainless Steel Towel Shelf With Towel Bar (Bobrick B-676)	222.26	25.61
10 28 13 13-0322		**Towel Pins** *(10 28 13 13-0297)*		
10 28 13 13-0323	EA	Stainless Steel Towel Pin (Bobrick B-677)	56.69	11.38
10 28 13 13-0324		**Mirrors** *(10 28 13 13)*		
10 28 13 13-0325		**Stainless Steel Channel Frame Glass Mirrors** *(10 28 13 13-0324)*		
10 28 13 13-0326	EA	16" x 24", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Gamco C-16x24)	124.13	28.46
10 28 13 13-0327	EA	18" x 24", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 1824)	141.97	28.46
10 28 13 13-0328	EA	18" x 30", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 1830)	148.15	28.46
		For Tempered Glass (B-1658), Add	*51.91*	
10 28 13 13-0329	EA	18" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 1836)	160.83	28.46
		For Tempered Glass (B-1658), Add	*60.79*	
10 28 13 13-0330	EA	24" x 30", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 2430)	177.09	28.46
10 28 13 13-0331	EA	24" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 2436)	183.93	28.46
		For Tempered Glass (B-1658), Add	*76.96*	
10 28 13 13-0332	EA	24" x 48", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 2448)	228.81	28.46
10 28 13 13-0333	EA	24" x 60", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 2460)	265.57	28.46
10 28 13 13-0334	EA	36" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Gamco C-36x36)	321.74	28.46
10 28 13 13-0335	EA	48" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 4836)	407.05	28.46
10 28 13 13-0336	EA	60" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Gamco C-60x36)	458.88	28.46
10 28 13 13-0337		**Stainless Steel Channel Frame Glass Mirror/Shelf Combination** *(10 28 13 13-0324)*		
10 28 13 13-0338	EA	18" x 24", Surface Mounted, Stainless Steel Channel Frame Glass Mirror/Shelf Combination (Bobrick B-166 1824)	237.26	28.46
10 28 13 13-0339	EA	18" x 30", Surface Mounted, Stainless Steel Channel Frame Glass Mirror/Shelf Combination (Bobrick B-166 1830)	256.45	28.46
10 28 13 13-0340	EA	18" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror/Shelf Combination (Bobrick B-166 1836)	269.14	28.46
10 28 13 13-0341	EA	24" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror/Shelf Combination (Bobrick B-166 2436)	304.92	28.46
10 28 13 13-0342		**Stainless Steel Angle Frame Glass Mirrors** *(10 28 13 13-0324)*		
10 28 13 13-0343	EA	18" x 24", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 1824)	210.23	28.46
10 28 13 13-0344	EA	18" x 30", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 1830)	231.41	28.46
		For Tempered Glass (B-2908), Add	*103.90*	
10 28 13 13-0345	EA	18" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 1836)	238.56	28.46
		For Tempered Glass (B-2908), Add	*108.62*	
10 28 13 13-0346	EA	24" x 30", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2430)	280.85	28.46
10 28 13 13-0347	EA	24" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2436)	282.47	28.46
		For Tempered Glass (B-2908), Add	*137.60*	
10 28 13 13-0348	EA	24" x 48", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2448)	380.37	28.46
10 28 13 13-0349	EA	24" x 60", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2460)	448.67	28.46
10 28 13 13-0350	EA	24" x 72", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2472)	512.43	28.46
10 28 13 13-0351	EA	36" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Gamco A-36x36)	338.81	28.46
10 28 13 13-0352	EA	48" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Gamco A-48x36)	414.81	28.46
10 28 13 13-0353	EA	72" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Gamco A-72x36)	639.63	28.46
10 28 13 13-0354		**Stainless Steel Angle Frame Glass Mirror/Shelf Combination** *(10 28 13 13-0324)*		
10 28 13 13-0355	EA	18" x 24", Surface Mounted, Stainless Steel Angle Frame Glass Mirror/Shelf Combination (Gamco AS-18x24)	217.64	28.46
10 28 13 13-0356	EA	18" x 30", Surface Mounted, Stainless Steel Angle Frame Glass Mirror/Shelf Combination (Bobrick B-292-1830)	437.29	28.46
10 28 13 13-0357	EA	18" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror/Shelf Combination (Bobrick B-292-1836)	458.77	28.46
10 28 13 13-0358	EA	24" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror/Shelf Combination (Bobrick B-292-2436)	512.43	28.46
10 28 13 13-0359		**Frameless Stainless Steel Mirrors** *(10 28 13 13-0324)*		
10 28 13 13-0360	EA	17-1/2" x 29-1/2", Frameless Stainless Steel Mirror (Bobrick B-1556 1830)	236.61	28.46
10 28 13 13-0361	EA	23-1/2" x 35-1/2", Frameless Stainless Steel Mirror (Bobrick B-1556 2436)	308.48	28.46
10 28 13 13-0362		**Fixed-Position Tilt, Stainless Steel Frame Glass Mirrors** *(10 28 13 13-0324)*		
10 28 13 13-0363	EA	16" x 30", Surface Mounted, Fixed-Position Tilt, Stainless Steel Frame Glass Mirror (Bobrick B-293 1630)	324.75	28.46
10 28 13 13-0364	EA	18" x 30", Surface Mounted, Fixed-Position Tilt, Stainless Steel Frame Glass Mirror (Bobrick B-293 1830)	338.75	28.46
10 28 13 13-0365	EA	18" x 36", Surface Mounted, Fixed-Position Tilt, Stainless Steel Frame Glass Mirror (Bobrick B-293 1836)	411.93	28.46
10 28 13 13-0366	EA	24" x 36", Surface Mounted, Fixed-Position Tilt, Stainless Steel Frame Glass Mirror (Bobrick B-293 2436)	508.52	28.46

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13 13-0367		Medicine Cabinets *(10 28 13 13)*		
10 28 13 13-0368		Metal Medicine Cabinets *(10 28 13 13-0367)*		
10 28 13 13-0369	EA	20" x 26", Surface Mounted, Aluminum Medicine Cabinet (Kohler K-CB)	251.34	56.92
10 28 13 13-0370	EA	15-1/2" x 25-7/8", Recessed Mounted, All-Steel Medicine Cabinet (Bobrick B-397) Note: Includes three adjustable plastic shelves.	256.75	56.92
10 28 13 13-0371	EA	14-1/8" x 20-1/4", Surface Mounted, All-Steel Medicine Cabinet (Bobrick B-297) Note: Includes two fixed shelves with baked white enamel finish.	264.80	56.92
10 28 13 13-0372	EA	15-1/4" x 25-1/2", Recessed Mounted, Stainless Steel Medicine Cabinet (Bobrick B-398) Note: Includes four adjustable stainless steel shelves.	571.54	56.92
10 28 13 13-0373	EA	17" x 26-7/8", Surface Mounted, Stainless Steel Medicine Cabinet (Bobrick B-299) Note: Includes four adjustable shelves.	782.16	56.92
10 28 13 13-0374		Janitorial Material *(10 28 13 13)*		
10 28 13 13-0375	EA	Stainless Steel Pail And Ladder Utility Hook (Bobrick B-670)	53.00	11.38
10 28 13 13-0376	EA	24" Length, Stainless Steel Utility Hook Strip (Bobrick B-232x24)	137.73	25.61
10 28 13 13-0377	EA	24" Length, 3 Handle Capacity, Stainless Steel Mop And Broom Holder (Bobrick B-223x24)	132.65	25.61
10 28 13 13-0378	EA	30" Length, 3 Handle Capacity, Stainless Steel Mop And Broom Holder (Gamco MS-1)	150.55	25.61
10 28 13 13-0379	EA	36" Length, 3 Handle Capacity, Stainless Steel Mop And Broom Holder (Bobrick B-223x36)	168.26	25.61
10 28 13 13-0380	EA	36" Length, Utility Hook Strip (Gamco HCS-2)	112.77	25.61
10 28 13 13-0381	EA	36" Length, Stainless Steel Custodian Utility Shelf With Mop And Broom Holders And Rag Hooks (Bobrick B-224x36)	311.31	25.61
10 28 13 13-0382	EA	34" Length, 3 Handle Capacity, Stainless Steel Mop And Broom Holder With Shelf And Rag Hooks (Bobrick B-239x34)	447.87	25.61
10 28 13 13-0383		Removal And Reinstallation Of Bathroom Accessories *(10 28 13 13)*		
10 28 13 13-0384	EA	Removal And Reinstallation Of Bathroom Accessory	35.58	
10 28 13 63		**Detention Toilet Accessories** *(10 28 13)*		
10 28 13 63-0001		Ligature Resistant, Stainless Steel Grab Bar *(10 28 13 63)*		
10 28 13 63-0002	EA	18" Length, 1-1/2" Diameter, 18 Gauge, Ligature Resistant, Stainless Steel Security Grab Bar (Bradley SA70-001180)	205.26	22.76
10 28 13 63-0003	EA	24" Length, 1-1/2" Diameter, 18 Gauge, Ligature Resistant, Stainless Steel Security Grab Bar (Bradley SA70-001240)	214.58	22.76
10 28 13 63-0004	EA	36" Length, 1-1/2" Diameter, 18 Gauge, Ligature Resistant, Stainless Steel Security Grab Bar (Bradley SA70-001360)	220.78	22.76
10 28 13 63-0005	EA	42" Length, 1-1/2" Diameter, 18 Gauge, Ligature Resistant, Stainless Steel Security Grab Bar (Bradley SA70-001420)	244.58	22.76
10 28 13 63-0006	EA	60" Length, 1-1/2" Diameter, 18 Gauge, Ligature Resistant, Stainless Steel Security Grab Bar (Bradley SA70-002600)	497.28	22.76
10 28 16		**Bath Accessories** *(10 28)*		
10 28 16 13		**Residential Bath Accessories** *(10 28 16)*		
10 28 16 13-0001		Residential Toilet Accessories *(10 28 16 13)*		
10 28 16 13-0002		Residential, Surface Mounted, Porcelain Toilet Accessories *(10 28 16 13-0001)*		
10 28 16 13-0003	EA	Surface Mounted Porcelain Wall Soap Holder	59.12	15.37
10 28 16 13-0004	EA	Surface Mounted Porcelain Bath/Shower Soap Dish	67.81	15.37
10 28 16 13-0005	EA	Surface Mounted Porcelain 1 Roll Toilet Paper Holder	67.11	15.37
10 28 16 13-0006	EA	Surface Mounted Porcelain Toothbrush/Tumbler Holder	59.12	15.37
10 28 16 13-0007	EA	Surface Mounted Porcelain Towel Bar Set With Plastic Bar	65.23	15.37
10 28 16 13-0008		Residential Medicine Cabinets With Mirrors *(10 28 16 13-0001)*		
10 28 16 13-0009	EA	16" x 20" Recessed Molded Medicine Cabinet With Mirror (Nutone 401ADJ)	162.07	39.84
10 28 16 13-0010	EA	16" x 22" Recessed Molded Medicine Cabinet With Mirror (Nutone 407ADJ)	160.91	39.84
10 28 16 13-0011	EA	16" x 26" Recessed Molded Medicine Cabinet With Mirror (Nutone 624)	211.01	39.84
10 28 16 13-0012	EA	16" x 26" Stainless Trim, Plastic Body Medicine Cabinet With Mirror (Nutone B772193)	199.39	39.84
10 28 16 13-0013	EA	16" x 22" Recessed Steel Medicine Cabinet With Mirror (Nutone 420BC)	202.85	39.84
10 28 16 13-0014	EA	16" x 22" Recessed Steel Medicine Cabinet With Mirror (Nutone 421BC)	216.17	39.84
10 28 16 13-0015	EA	18" x 24" Recessed Steel Medicine Cabinet With Mirror (Nutone 490)	331.35	39.84
10 28 16 13-0016	EA	16" x 26" Recessed Steel Medicine Cabinet With Mirror (Nutone 458)	236.70	39.84
10 28 16 13-0017	EA	20" x 30" Recessed Steel Medicine Cabinet With Mirror (Nutone 495)	381.04	39.84
10 28 16 13-0018	EA	16" x 26" Recessed Steel Medicine Cabinet With Mirror (Nutone 470FS)	270.51	39.84
10 28 16 13-0019	EA	16-1/8" x 22-1/8" Surface Steel Medicine Cabinet With Mirror (Nutone 472FS)	256.20	39.84
10 28 16 13-0020	EA	16" x 22" Recessed Steel Medicine Cabinet With Mirror (Nutone 473FS)	258.66	39.84
10 28 16 13-0021	EA	16" x 26" Recessed Steel Medicine Cabinet With Mirror (Nutone 478FS)	245.46	39.84
10 28 16 13-0022	EA	14" x 20" Surface Steel Medicine Cabinet With Mirror (Nutone 422SM)	200.68	39.84
10 28 16 13-0023	EA	16" x 22" Surface Steel Medicine Cabinet With Mirror (Nutone 452SM)	238.25	39.84
10 28 16 13-0024	EA	16-1/4" x 22-1/4" Molded Steel Medicine Cabinet With Mirror (Nutone 614)	196.93	39.84
10 28 16 13-0025	EA	20" x 26" Aluminum Medicine Cabinet With Mirror, Kohler K-CB-CLC2026FS	366.94	39.84

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 16 13-0026		Residential Shower Curtain Rod *(10 28 16 13-0001)*		
		Note: Includes end brackets. See CSI section 10 28 13 13-0215 for shower curtain rods.		
10 28 16 13-0027		Residential, Recessed, Chrome Plated Toilet Accessories *(10 28 16 13-0001)*		
10 28 16 13-0028	EA	Single Roll, Recessed Mounted, Chrome Plated Toilet Paper Holder	136.60	25.61
10 28 16 13-0029	EA	Recessed Mounted, Chrome Plated Soap Dish	208.29	25.61
10 28 16 13-0030	EA	Recessed Mounted, Chrome Plated Soap Dish And Bar	222.87	25.61
10 28 16 13-0031	EA	Recessed Mounted, Chrome Plated Tumbler Holder	142.77	25.61
10 28 16 13-0032		Residential, Surface Mounted, Chrome Plated Toilet Accessories *(10 28 16 13-0001)*		
10 28 16 13-0033	EA	Surface Mounted, Chrome Plated Soap Dish	92.38	17.08
10 28 16 13-0034	EA	Surface Mounted, Chrome Plated Single Clothes Hook	108.63	17.08
10 28 16 13-0035	EA	Surface Mounted, Chrome Plated Double Clothes Hook	108.63	17.08
10 28 16 13-0036	LF	6" Deep, Surface Mounted, Glass Shelf With Chrome Plated Supports	235.33	17.08
10 28 16 13-0037	LF	6" Deep, Surface Mounted, Stainless Steel Shelf	194.44	17.08
10 28 16 13-0038	EA	18" Length, Surface Mounted, Chrome Plated Towel Bar	118.33	22.76
10 28 16 13-0039	EA	24" Length, Surface Mounted, Chrome Plated Towel Bar	120.16	22.76
10 28 16 13-0040	EA	Surface Mounted, Chrome Plated Towel Ring	88.37	17.08
10 28 16 13-0041	EA	Surface Mounted, Chrome Plated Tumbler And Toothbrush Holder	80.99	11.38
10 28 16 13-0042	EA	Single Roll, Surface Mounted, Chrome Plated Toilet Paper Holder	92.38	17.08
10 28 16 13-0043	EA	Two Roll, Surface Mounted, Chrome Plated Toilet Paper Holder	201.33	17.08
10 28 16 13-0044	EA	Surface Mounted, Chrome Plated Globe Soap Dispenser	114.24	17.08
10 28 16 13-0045	EA	Surface Mounted, Chrome Plated Towel Pin	121.60	11.38
10 28 16 13-0046	EA	Surface Mounted, Chrome Plated Towel Ladder And Shelf	392.08	17.08
10 28 16 13-0047	EA	Surface Mounted, Retractable Chrome Plated Bath/Shower Clothesline	186.46	17.08
10 28 16 13-0048	EA	24" Length, Cut To Size Towel Bar, Surface Mounted, Ceramic Base Towel Bar	84.91	17.08
10 28 16 13-0049		Residential, Ceramic Toilet Accessories *(10 28 16 13-0001)*		
10 28 16 13-0050	EA	4-1/8" x 4-1/8" x 2-7/8" Deep Ceramic Recessed Soap Dish	126.20	23.56
10 28 16 13-0051	EA	6" x 4-1/4" x 3-1/8" Deep Ceramic Recessed Soap Dish	150.00	23.56
10 28 16 13-0052	EA	8-1/8" x 15-3/8" x 2-7/8" Deep Ceramic Recessed Soap And Suds	262.52	29.60
10 28 16 13-0053	EA	6" x 6" x 3-1/4" Deep Ceramic Recessed Toilet Paper Holder	140.48	23.56
10 28 16 13-0054	EA	6" x 6" x 4-7/8" Deep Ceramic Recessed Soap And Cloth Holder With Lip Drain	178.57	23.56
10 28 16 13-0055	EA	6-3/8" x 4-3/4" x 1-3/8" Deep Ceramic Semi-Recessed Soap Dish	114.30	23.56
10 28 16 13-0056	EA	6-3/8" x 6-3/8" x 1-3/4" Deep Ceramic Semi-Recessed Soap Dish	122.87	23.56
10 28 16 13-0057	EA	6-5/8" x 5" x 2-3/8" Deep Ceramic Semi-Recessed Toilet Paper Holder	109.54	23.56
10 28 16 13-0058	EA	6-5/8" x 4-7/8" x 2-3/8" Deep Ceramic Semi-Recessed Soap And Cloth Holder	116.68	23.56
10 28 16 13-0059	EA	7-1/4" x 3" Ceramic Surface Mounted Corner Shelf	113.08	15.37
10 28 16 13-0060	EA	4-1/2" x 2-1/4" Ceramic Surface Mounted Corner Shelf	101.08	15.37
10 28 16 13-0061	EA	4" x 6" Ceramic Surface Mounted Toilet Paper Holder	77.38	15.37
10 28 16 13-0062	EA	4" x 6" Ceramic Surface Mounted Tub Soap Dish	78.00	15.37
10 28 16 13-0063	EA	4-1/4" x 4-1/4" Ceramic Surface Mounted Soap Dish	72.57	15.37
10 28 16 13-0064	EA	2-1/8" x 4-1/4" Ceramic Surface Mounted Low Profile Soap Dish	65.33	15.37
10 28 16 13-0065	EA	4" x 6" Ceramic Surface Mounted Tub Soap Dish And Cloth Holder	83.49	15.37
10 28 16 13-0066	EA	4-1/4" x 4-1/4" Ceramic Surface Mounted Toothbrush/Tumbler Holder	72.57	15.37
10 28 16 13-0067	EA	2-1/8" x 4-1/4" Ceramic Surface Mounted Toothbrush/Tumbler Holder	65.33	15.37
10 28 16 13-0068	EA	1-1/2" x 4-1/4" Ceramic Surface Mounted Towel Ring	76.45	15.37
10 28 16 13-0069		Residential Medicine Cabinets, Solid Oak *(10 28 16 13-0001)*		
		Note: Surface or recessed mounted, premium quality.		
10 28 16 13-0070	EA	24" x 30", Unlighted, Solid Oak Medicine Cabinet With Mirror	325.56	56.92
10 28 16 13-0071	EA	24" x 35", Lighted, Solid Oak Medicine Cabinet With Mirror	415.50	56.92
10 28 16 13-0072	EA	30" x 30" Unlighted, Solid Oak Medicine Cabinet With Mirror	342.09	56.92
10 28 16 13-0073	EA	30" x 35", Lighted, Solid Oak Medicine Cabinet With Mirror	438.05	56.92
10 28 16 13-0074	EA	36" x 30", Unlighted, Solid Oak Medicine Cabinet With Mirror	352.51	56.92
10 28 16 13-0075	EA	36" x 35", Lighted, Solid Oak Medicine Cabinet With Mirror	457.85	56.92
10 28 16 13-0076	EA	48" x 30", Unlighted, Solid Oak Medicine Cabinet With Mirror	366.83	56.92
10 28 16 13-0077	EA	48" x 35", Lighted, Solid Oak Medicine Cabinet With Mirror	482.06	56.92
10 28 16 13-0078		Residential Toilet Accessories *(10 28 16 13-0001)*		
10 28 16 13-0079	EA	Surface Mounted Plastic Paper Towel Dispenser	116.67	25.61
10 28 16 13-0080	EA	Surface Mounted Plastic Napkin Disposal	102.22	25.61
10 28 16 13-0081	EA	50 Fluid Ounce, Plastic Soap Dispenser For Soaps And Detergent	107.32	
10 28 16 13-0082	EA	50 Fluid Ounce, Plastic Soap Dispenser For Antibacterial Soaps	122.62	25.61
10 28 16 13-0083	EA	Multi Roll (2) Plastic Toilet Tissue Dispenser	116.72	25.61
10 28 16 13-0084	EA	Single Jumbo Roll Plastic Toilet Tissue Dispenser	143.02	31.31
10 28 16 13-0085	EA	Surface Mounted Plastic Toilet Seat Cover Dispenser	77.87	22.76
10 28 16 13-0086	EA	13 Gallon Plastic Waste Door For Countertops	280.88	42.69

10 28 19 Tub and Shower Enclosures *(10 28)*

10 28 19 16 Shower Doors *(10 28 19)*

10 28 19 16-0001 Swinging Shower Doors *(10 28 19 16)*

10 28 19 16-0002 Framed, Swinging Shower Doors *(10 28 19 16-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 19 16-0003	EA	24-1/4" To 26" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00801)	570.61	59.78
10 28 19 16-0004	EA	27-1/4" To 29" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00802)	600.16	29.89
10 28 19 16-0005	EA	29-5/8" To 31-3/8" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00803)	722.74	29.89
10 28 19 16-0006	EA	33-1/8" To 34-7/8" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00804)	597.02	29.89
10 28 19 16-0007	EA	35-1/8" To 36-7/8" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00805)	638.88	29.89
10 28 19 16-0008		Frameless, Swinging Shower Doors *(10 28 19 16-0001)*		
10 28 19 16-0009	EA	24-9/16" To 25-7/16" Opening, Frameless, Tempered Safety Glass, Swinging Shower Door (American Standard AM0301D)	885.89	29.89
10 28 19 16-0010	EA	31-1/16" To 31-15/16" Opening, Frameless, Tempered Safety Glass, Swinging Shower Door (American Standard AM0302D)	926.86	29.89
10 28 19 16-0011	EA	32-11/16" To 33-9/16" Opening, Frameless, Tempered Safety Glass, Swinging Shower Door (American Standard AM0303D)	965.41	29.89
10 28 19 16-0012	EA	34-3/16" To 35-1/16" Opening, Frameless, Tempered Safety Glass, Swinging Shower Door (American Standard AM0304D)	1,006.38	29.89
10 28 19 16-0013	EA	35-3/16" To 36-1/16" Opening, Frameless, Tempered Safety Glass, Swinging Shower Door (American Standard AM0305D)	1,046.15	29.89
10 28 19 16-0014		Sliding Shower Doors *(10 28 19 16)*		
10 28 19 16-0015		Framed, Sliding Shower Doors *(10 28 19 16-0014)*		
10 28 19 16-0016	EA	40" To 42" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00735)	964.66	29.89
10 28 19 16-0017	EA	44" To 46" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00745)	881.75	29.89
10 28 19 16-0018	EA	46" To 48" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00775)	904.08	29.89
10 28 19 16-0019	EA	52" To 54" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00729)	927.83	29.89
10 28 19 16-0020	EA	54" To 56" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00794)	941.08	29.89
10 28 19 16-0021	EA	56" To 60" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00795)	960.69	29.89
10 28 19 16-0022		Frameless, Sliding Shower Doors *(10 28 19 16-0014)*		
10 28 19 16-0023	EA	40" To 44" Opening, 65-1/2" Height, Frameless, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00335)	1,000.96	29.89
10 28 19 16-0024	EA	44" To 48" Opening, 65-1/2" Height, Frameless, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00345)	1,226.50	29.89
10 28 19 16-0025	EA	56" To 60" Opening, 65-1/2" Height, Frameless, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00394)	1,302.41	29.89
10 28 19 16-0026	EA	40" To 44" Opening, 70" Height, Frameless, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00330)	1,173.64	29.89
10 28 19 16-0027	EA	44" To 48" Opening, 70" Height, Frameless, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00370)	1,190.26	29.89
10 28 19 16-0028	EA	56" To 60" Opening, 70" Height, Frameless, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00390)	1,344.74	29.89
10 28 19 19		**Tub Doors** *(10 28 19)*		
10 28 19 19-0001		Sliding Bathtub Doors *(10 28 19 19)*		
10 28 19 19-0002		Framed, Sliding Bathtub Doors *(10 28 19 19-0001)*		
10 28 19 19-0003	EA	52" To 54" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Bathtub Door (American Standard AM00725)	856.82	29.89
10 28 19 19-0004	EA	54" To 56" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Bathtub Door (American Standard AM00749)	866.38	29.89
10 28 19 19-0005	EA	56" To 60" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Bathtub Door (American Standard AM00750)	887.98	29.89

10 30 Fireplaces and Stoves *(10)*

10 31 Manufactured Fireplaces *(10 30)*

10 31 13 Manufactured Fireplace Chimneys *(10 31)*

See CSI section 23 51 00 00-0000 for chimneys.

10 31 16 Manufactured Fireplace Forms *(10 31)*

10 31 16 00-0001 Prefabricated Fireplaces *(10 31 16)*

Note: Listed by screen width.

10 31 16 00-0002 Radiant Heat Fireplace Inserts *(10 31 16 00-0001)*

Note: Includes insert, screen, grate and vent connection.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 31 16 00-0003	EA	38" Wide Radiant Heat, Open Front Fireplace Insert	1,629.91	276.15
		For Circulating Heat Fireplace, Add	*59.27*	
10 31 16 00-0004	EA	43" Wide Radiant Heat, Open Front Fireplace Insert	1,731.50	284.70
		For Circulating Heat Fireplace, Add	*63.92*	
10 31 16 00-0005	EA	48" Wide Radiant Heat, Open Front Fireplace Insert	1,865.63	298.93
		For Circulating Heat Fireplace, Add	*69.73*	

10 31 16 00-0006 Radiant Heat Natural Gas Fireplace *(10 31 16 00-0001)*

Note: Includes insert, screen, gas logs and vent connection. Units are remote ready.

10 31 16 00-0007	EA	32" Wide Radiant Heat Natural Gas Fireplace	2,148.43	276.15
		For Circulating Heat Fireplace, Add	*87.79*	
		For Remote Ignition, Add	*79.81*	
10 31 16 00-0008	EA	36" Wide Radiant Heat Natural Gas Fireplace	2,283.63	284.70
		For Circulating Heat Fireplace, Add	*94.28*	
		For Remote Ignition, Add	*85.71*	

10 31 16 00-0009 Vent Free Radiant Heat Natural Gas Fireplace *(10 31 16 00-0001)*

Note: Includes insert, screen, and gas logs. Units are remote ready.

10 31 16 00-0010	EA	26" Wide Vent Free Radiant Heat Natural Gas Fireplace	2,337.67	239.14
		For Circulating Heat Fireplace, Add	*102.27*	
		For Remote Ignition, Add	*92.97*	
10 31 16 00-0011	EA	32" Wide Vent Free Radiant Heat Natural Gas Fireplace	2,609.05	256.23
		For Circulating Heat Fireplace, Add	*115.31*	
		For Remote Ignition, Add	*104.83*	
10 31 16 00-0012	EA	36" Wide Vent Free Radiant Heat Natural Gas Fireplace	2,909.04	284.70
		For Circulating Heat Fireplace, Add	*128.68*	
		For Remote Ignition, Add	*116.98*	
10 31 16 00-0013	EA	42" Wide Vent Free Radiant Heat Natural Gas Fireplace	3,304.01	307.48
		For Circulating Heat Fireplace, Add	*147.90*	
		For Remote Ignition, Add	*134.45*	

10 32 Fireplace Specialties *(10 30)*

10 32 16 Fireplace Inserts *(10 32)*

10 32 16 00-0001 Gas Log Inserts, Vented *(10 32 16)*

Note: Manual controlled.

10 32 16 00-0002	EA	15", 4 Log Set Gas Log Insert	745.14	119.60
10 32 16 00-0003	EA	18", 6 Log Set Gas Log Insert	915.58	119.60
10 32 16 00-0004	EA	21", 6 Log Set Gas Log Insert	965.35	119.60
10 32 16 00-0005	EA	24", 6 or 7 Log Set Gas Log Insert	1,015.12	119.60
10 32 16 00-0006	EA	30", 7 or 8 Log Set Gas Log Insert	1,290.02	119.60
10 32 16 00-0007	EA	36", 8 to 11 Log Set Gas Log Insert	1,518.52	119.60

10 32 19 Fireplace Screens *(10 32)*

10 32 19 00-0001 Screens, Mounted *(10 32 19)*

10 32 19 00-0002	EA	Black Powder Coated Steel Screen And Frame Note: Fits Heights between 18" to 27" and widths up to 42".	168.77	
10 32 19 00-0003	EA	Stainless Steel Screen And Frame Note: Fits Heights between 18" to 27" and widths up to 42".	286.25	

10 32 23 Fireplace Doors *(10 32)*

10 32 23 00-0001 Chimney Dampers / Chimalator *(10 32 23)*

Note: Stainless steel top sealing damper cap.

10 32 23 00-0002	EA	8" x 8" Stainless Steel Chimalator Top Sealing Damper Cap	588.00	22.65
10 32 23 00-0003	EA	8" x 13" Stainless Steel Chimalator Top Sealing Damper Cap	610.77	24.09
10 32 23 00-0004	EA	8" x 18" Stainless Steel Chimalator Top Sealing Damper Cap	792.47	27.46
10 32 23 00-0005	EA	8" x 20" Stainless Steel Chimalator Top Sealing Damper Cap	848.14	27.46
10 32 23 00-0006	EA	10" x 18" Stainless Steel Chimalator Top Sealing Damper Cap	896.50	34.45
10 32 23 00-0007	EA	12" x 12" Stainless Steel Chimalator Top Sealing Damper Cap	688.25	34.45
10 32 23 00-0008	EA	12" x 16" Stainless Steel Chimalator Top Sealing Damper Cap	862.36	41.32
10 32 23 00-0009	EA	13" x 13" Stainless Steel Chimalator Top Sealing Damper Cap	688.25	34.45
10 32 23 00-0010	EA	13" x 18" Stainless Steel Chimalator Top Sealing Damper Cap	862.36	41.32
10 32 23 00-0011	EA	13" x 21" Stainless Steel Chimalator Top Sealing Damper Cap	1,100.21	41.32
10 32 23 00-0012	EA	16" x 16" Stainless Steel Chimalator Top Sealing Damper Cap	984.66	57.83
10 32 23 00-0013	EA	16" x 20" Stainless Steel Chimalator Top Sealing Damper Cap	1,217.45	57.83
10 32 23 00-0014	EA	18" x 18" Stainless Steel Chimalator Top Sealing Damper Cap	1,027.76	60.84
10 32 23 00-0015	EA	18" x 21" Stainless Steel Chimalator Top Sealing Damper Cap	1,290.76	60.84
10 32 23 00-0016	EA	20" x 20" Stainless Steel Chimalator Top Sealing Damper Cap	1,387.00	64.21
10 32 23 00-0017	EA	20" x 24" Stainless Steel Chimalator Top Sealing Damper Cap	1,496.65	64.21
10 32 23 00-0018	EA	24" x 24" Stainless Steel Chimalator Top Sealing Damper Cap	1,592.22	68.06

10 40 Safety Specialties *(10)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

10 41 Emergency Access And Information Cabinets *(10 40)*

10 41 13 Fire Department Plan Cabinets *(10 41)*

10 41 13 00-0001 Fire Department Plan Cabinets (Knox) *(10 41 13)*

10 41 13 00-0002	EA	18" High x 14-1/2" Wide x 5" Deep, Light Gray Finish, Surface Mount, Fire Department Emergency Storage Cabinet (Knox 1300)	1,753.27	36.99
		For Tamper Switch Connected To Existing Alarm System, Add	*40.00*	
		For Dual Locks, Add	*60.00*	
		For Back Key Hook Panel, Add	*59.24*	
		For Swing Key Hook Panel, Add	*158.24*	
		For Non-Locking Weather Housing, Add	*397.72*	
10 41 13 00-0003	EA	18" High x 14-1/2" Wide x 7" Deep, Light Gray Finish, Surface Mount, Fire Department Emergency Storage Cabinet (Knox 1300)	1,859.68	36.99
		For Tamper Switch Connected To Existing Alarm System, Add	*40.00*	
		For Dual Locks, Add	*60.00*	
		For Back Key Hook Panel, Add	*59.24*	
		For Swing Key Hook Panel, Add	*158.24*	
		For Second Swing Key Hook Panel, Add	*125.24*	
		For Non-Locking Weather Housing, Add	*397.72*	

10 41 16 Emergency Key Cabinets *(10 41)*

10 41 16 00-0001 Emergency Key Cabinets (Knox) *(10 41 16)*

10 41 16 00-0002	EA	Elevator/Lobby, Deep Red Finish, Surface Mount, Fire Department Emergency Key Storage Box (Knox 1403)	870.11	36.99
		For Tamper Switch Connected To Existing Alarm System, Add	*40.00*	
10 41 16 00-0003	EA	5" High x 4" Wide x 3-3/4" Deep, Black Finish, Surface Mount, Fire Department Emergency Storage Box (Knox-Box 3200)	763.70	36.99
		For Lift-Off Door, Deduct	*-40.00*	
		For Aluminum Or Dark Bronze Finish, Add	*10.00*	
		For Tamper Switch Connected To Existing Alarm System, Add	*40.00*	
		For Recess Mount, Add	*61.21*	
		For Cast-In-Place Concrete Recess Mounting, Add	*119.00*	
10 41 16 00-0004	EA	6" High x 6" Wide x 4-1/2" Deep, Black Finish, Surface Mount, Fire Department Emergency Storage Box (Knox-Vault 4100)	1,024.40	36.99
		For Aluminum Or Dark Bronze Finish, Add	*10.00*	
		For Tamper Switch Connected To Existing Alarm System, Add	*40.00*	
		For Recess Mount, Add	*61.21*	
		For Dual Locks, Add	*60.00*	
		For Cast-In-Place Concrete Recess Mounting, Add	*130.00*	
10 41 16 00-0005	EA	7" High x 7" Wide x 5" Deep, Black Finish, Surface Mount, Fire Department Emergency Storage Box (Knox-Vault 4400)	1,090.90	36.99
		For Aluminum Or Dark Bronze Finish, Add	*10.00*	
		For Tamper Switch Connected To Existing Alarm System, Add	*40.00*	
		For Recess Mount, Add	*61.21*	
		For Dual Locks, Add	*60.00*	
		For Cast-In-Place Concrete Recess Mounting, Add	*135.00*	

10 44 Fire Protection Specialties *(10 40)*

10 44 13 Fire Protection Cabinets *(10 44)*

10 44 13 00-0001 Fire Extinguisher Cabinets *(10 44 13)*

10 44 13 00-0002 Recessed Fire Extinguisher Cabinets *(10 44 13 00-0001)*

10 44 13 00-0003 Steel Door And Trim, Recessed Fire Extinguisher Cabinets *(10 44 13 00-0002)*

Note: Includes powder-coat finish, full view glass or solid metal door, zinc plated handle and steel tub.

10 44 13 00-0004	EA	9" x 18" x 5-1/2" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet	399.67	46.68
10 44 13 00-0005	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet	407.46	46.68
10 44 13 00-0006	EA	10-1/2" x 24" x 6" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet	409.01	46.68
10 44 13 00-0007	EA	12" x 27" x 7-3/4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet	457.30	46.68
10 44 13 00-0008	EA	16" x 32" x 7-3/4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet	583.47	46.68
10 44 13 00-0009	EA	20" x 27" x 7-3/4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet	600.60	46.68

10 44 13 00-0010 Aluminum Door And Trim, Recessed Fire Extinguisher Cabinets *(10 44 13 00-0002)*

Note: Includes clear anodized finish, full view glass or solid metal door, zinc plated handle and steel tub.

10 44 13 00-0011	EA	9" x 18" x 5-1/2" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet	380.67	46.68
10 44 13 00-0012	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet	386.77	46.68
10 44 13 00-0013	EA	10-1/2" x 24" x 6" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet	396.94	46.68
10 44 13 00-0014	EA	12" x 27" x 7-3/4" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet	414.23	46.68
10 44 13 00-0015	EA	16" x 32" x 7-3/4" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet	467.68	46.68
10 44 13 00-0016	EA	20" x 27" x 7-3/4" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet	483.95	46.68

10 44 13 00-0017 Stainless Steel Door And Trim, Recessed Fire Extinguisher Cabinets *(10 44 13 00-0002)*

Note: Includes stainless steel finish, full view glass or solid metal door, zinc plated handle and steel tub.

10 44 13 00-0018	EA	9" x 18" x 5-1/2" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet	536.65	46.68
10 44 13 00-0019	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet	550.42	46.68
10 44 13 00-0020	EA	10-1/2" x 24" x 6" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet	557.31	46.68
10 44 13 00-0021	EA	12" x 27" x 7-3/4" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet	604.36	46.68

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 44 13 00-0022	EA	16" x 32" x 7-3/4" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet	699.16	46.68
10 44 13 00-0023	EA	20" x 27" x 7-3/4" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet	727.85	46.68
10 44 13 00-0024		**Bronze Door And Trim, Recessed Fire Extinguisher Cabinets** *(10 44 13 00-0002)*		
		Note: Includes satin bronze finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0025	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Recessed Bronze Fire Extinguisher Cabinet	1,727.57	46.68
10 44 13 00-0026	EA	10-1/2" x 24" x 6" Inside Dimensions, Recessed Bronze Fire Extinguisher Cabinet	1,740.74	46.68
10 44 13 00-0027	EA	12" x 27" x 7-3/4" Inside Dimensions, Recessed Bronze Fire Extinguisher Cabinet	2,009.23	46.68
10 44 13 00-0028		**Acrylic Bubble Door And Steel Trim, Recessed Fire Extinguisher Cabinets** *(10 44 13 00-0002)*		
		Note: Includes 180 degree visibility acrylic bubble door, zinc plated handle and steel tub.		
10 44 13 00-0029	EA	10-1/2" x 24" x 4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	500.91	46.68
10 44 13 00-0030	EA	14" x 30" x 4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	560.10	46.68
10 44 13 00-0031		**Semi-Recessed Fire Extinguisher Cabinets** *(10 44 13 00-0001)*		
10 44 13 00-0032		**Steel Door And Trim, Semi-Recessed Fire Extinguisher Cabinets** *(10 44 13 00-0031)*		
		Note: Includes powder-coat finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0033	EA	9" x 18" x 5-1/2" Inside Dimensions, Semi-Recessed Steel Fire Extinguisher Cabinet	441.72	46.68
10 44 13 00-0034	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Semi-Recessed Steel Fire Extinguisher Cabinet	457.30	46.68
10 44 13 00-0035	EA	10-1/2" x 24" x 6" Inside Dimensions, Semi-Recessed Steel Fire Extinguisher Cabinet	458.86	46.68
10 44 13 00-0036	EA	12" x 27" x 7-3/4" Inside Dimensions, Semi-Recessed Steel Fire Extinguisher Cabinet	511.82	46.68
10 44 13 00-0037	EA	16" x 32" x 7-3/4" Inside Dimensions, Semi-Recessed Steel Fire Extinguisher Cabinet	617.74	46.68
10 44 13 00-0038	EA	20" x 27" x 7-3/4" Inside Dimensions, Semi-Recessed Steel Fire Extinguisher Cabinet	634.87	46.68
10 44 13 00-0039		**Aluminum Door And Trim, Semi-Recessed Fire Extinguisher Cabinets** *(10 44 13 00-0031)*		
		Note: Includes clear anodized finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0040	EA	9" x 18" x 5-1/2" Inside Dimensions, Semi-Recessed Aluminum Fire Extinguisher Cabinet	425.99	46.68
10 44 13 00-0041	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Semi-Recessed Aluminum Fire Extinguisher Cabinet	441.24	46.68
10 44 13 00-0042	EA	10-1/2" x 24" x 6" Inside Dimensions, Semi-Recessed Aluminum Fire Extinguisher Cabinet	450.39	46.68
10 44 13 00-0043	EA	12" x 27" x 7-3/4" Inside Dimensions, Semi-Recessed Aluminum Fire Extinguisher Cabinet	467.68	46.68
10 44 13 00-0044	EA	16" x 32" x 7-3/4" Inside Dimensions, Semi-Recessed Aluminum Fire Extinguisher Cabinet	527.68	46.68
10 44 13 00-0045	EA	20" x 27" x 7-3/4" Inside Dimensions, Semi-Recessed Aluminum Fire Extinguisher Cabinet	541.91	46.68
10 44 13 00-0046		**Stainless Steel Door And Trim, Semi-Recessed Fire Extinguisher Cabinets** *(10 44 13 00-0031)*		
		Note: Includes stainless steel finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0047	EA	9" x 18" x 5-1/2" Inside Dimensions, Semi-Recessed Stainless Steel Fire Extinguisher Cabinet	597.03	46.68
10 44 13 00-0048	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Semi-Recessed Stainless Steel Fire Extinguisher Cabinet	613.10	46.68
10 44 13 00-0049	EA	10-1/2" x 24" x 6" Inside Dimensions, Semi-Recessed Stainless Steel Fire Extinguisher Cabinet	619.98	46.68
10 44 13 00-0050	EA	12" x 27" x 7-3/4" Inside Dimensions, Semi-Recessed Stainless Steel Fire Extinguisher Cabinet	655.56	46.68
10 44 13 00-0051	EA	16" x 32" x 7-3/4" Inside Dimensions, Semi-Recessed Stainless Steel Fire Extinguisher Cabinet	743.92	46.68
10 44 13 00-0052	EA	20" x 27" x 7-3/4" Inside Dimensions, Semi-Recessed Stainless Steel Fire Extinguisher Cabinet	763.43	46.68
10 44 13 00-0053		**Bronze Door And Trim, Semi-Recessed Fire Extinguisher Cabinets** *(10 44 13 00-0031)*		
		Note: Includes satin bronze finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0054	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Semi-Recessed Bronze Fire Extinguisher Cabinet	2,196.57	46.68
10 44 13 00-0055	EA	10-1/2" x 24" x 6" Inside Dimensions, Semi-Recessed Bronze Fire Extinguisher Cabinet	2,207.62	46.68
10 44 13 00-0056	EA	12" x 27" x 7-3/4" Inside Dimensions, Semi-Recessed Bronze Fire Extinguisher Cabinet	2,541.11	46.68
10 44 13 00-0057		**Acrylic Bubble Door And Steel Trim, Semi-Recessed Fire Extinguisher Cabinets** *(10 44 13 00-0031)*		
		Note: Includes 180 degree visibility acrylic bubble door, zinc plated handle and steel tub.		
10 44 13 00-0058	EA	10-1/2" x 24" x 4" Inside Dimensions, Semi-Recessed Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	556.99	46.68
10 44 13 00-0059	EA	14" x 30" x 4" Inside Dimensions, Semi-Recessed Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	613.06	46.68
10 44 13 00-0060		**Surface Mounted Fire Extinguisher Cabinets** *(10 44 13 00-0001)*		
10 44 13 00-0061		**Steel Door And Trim, Surface Mount Fire Extinguisher Cabinets** *(10 44 13 00-0060)*		
		Note: Includes powder-coat finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0062	EA	12-3/16" x 21-3/16" x 6" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet	429.26	46.68
10 44 13 00-0063	EA	13-11/16" x 27-3/16" x 6-1/2" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet	438.61	46.68
10 44 13 00-0064	EA	15-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet	513.37	46.68
10 44 13 00-0065	EA	19-3/16" x 35-3/16" x 8-1/4" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet	605.27	46.68
10 44 13 00-0066	EA	23-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet	630.20	46.68
10 44 13 00-0067		**Aluminum Door And Trim, Surface Mount Fire Extinguisher Cabinets** *(10 44 13 00-0060)*		
		Note: Includes clear anodized finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0068	EA	12-3/16" x 21-3/16" x 6" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet	522.59	46.68
10 44 13 00-0069	EA	13-11/16" x 27-3/16" x 6-1/2" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet	535.81	46.68

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 44 13 00-0070	EA	15-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet	565.30	46.68
10 44 13 00-0071	EA	19-3/16" x 35-3/16" x 8-1/4" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet	623.26	46.68
10 44 13 00-0072	EA	23-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet	647.67	46.68
10 44 13 00-0073		**Stainless Steel Door And Trim, Surface Mount Fire Extinguisher Cabinets** *(10 44 13 00-0060)*		
		Note: Includes stainless steel finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0074	EA	12-3/16" x 21-3/16" x 6" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet	696.87	46.68
10 44 13 00-0075	EA	13-11/16" x 27-3/16" x 6-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet	718.67	46.68
10 44 13 00-0076	EA	15-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet	772.61	46.68
10 44 13 00-0077	EA	19-3/16" x 35-3/16" x 8-1/4" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet	877.04	46.68
10 44 13 00-0078	EA	23-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet	909.17	46.68
10 44 13 00-0079		**Bronze Door And Trim, Surface Mount Fire Extinguisher Cabinets** *(10 44 13 00-0060)*		
		Note: Includes satin bronze finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0080	EA	13-11/16" x 27-3/16" x 6-1/2" Inside Dimensions, Surface Mount Bronze Fire Extinguisher Cabinet	2,530.70	46.68
10 44 13 00-0081	EA	15-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Bronze Fire Extinguisher Cabinet	2,861.64	46.68
10 44 13 00-0082		**Acrylic Bubble Door And Steel Trim, Surface Mount Fire Extinguisher Cabinets** *(10 44 13 00-0060)*		
		Note: Includes 180 degree visibility acrylic bubble door, zinc plated handle and steel tub.		
10 44 13 00-0083	EA	13-11/16" x 27-3/16" x 4-5/8" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	522.72	46.68
10 44 13 00-0084	EA	17-3/16" x 33-3/16" x 4-5/8" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	591.26	46.68
10 44 13 00-0085	EA	31-3/16" x 33-3/16" x 4-5/8" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	831.13	46.68
10 44 13 00-0086		**Fire Extinguisher Cabinet Accessories** *(10 44 13 00-0001)*		
10 44 13 00-0087	EA	Standard Break Glass Cylinder Lock Mechanism	40.42	14.23
10 44 13 00-0088	EA	Breaker Bar And Chain For Break Glass Cabinets	36.24	14.23
10 44 13 00-0089	EA	Replacement Of Standard Pull Handle	33.69	
10 44 13 00-0090	EA	Fire Extinguisher Cabinet Battery Operated Alarm	110.73	28.46
10 44 13 00-0091	EA	Fire Rated Option For 10-1/2" x 24" x 5-1/2" Or 6" Cabinets	238.02	
10 44 13 00-0092	EA	Fire Rated Option For 12" x 27" x 7-3/4" Cabinets	261.82	
10 44 13 00-0093	EA	Fire Rated Option For 16" x 32" x 7-3/4" Cabinets	357.03	
10 44 13 00-0094	EA	Fire Rated Option For 20" x 27" x 7-3/4" Cabinets	487.94	
10 44 13 00-0095	EA	Fire Rated Option For 9" x 18" x 5-1/2" Cabinets	571.25	
10 44 13 00-0096	EA	Standard Glass With Wire Glass For 9" x 18" x 5-1/2" Cabinets	138.05	
10 44 13 00-0097	EA	Standard Glass With Wire Glass For 10-1/2" x 24" x 5-1/2" Or 6" Cabinets	142.81	
10 44 13 00-0098	EA	Standard Glass With Wire Glass For 12" x 27" x 7-3/4" Cabinets	190.42	
10 44 13 00-0099	EA	Standard Glass With Wire Glass For 16" x 32" x 7-3/4" Cabinets	345.13	
10 44 13 00-0100	EA	Standard Glass With Wire Glass For 20" x 27" x 7-3/4" Cabinets	349.89	
10 44 13 00-0101	EA	Standard Glass With Wire Glass For 12-3/16" x 21-3/16" x 6" Cabinets	130.71	
10 44 13 00-0102	EA	Standard Glass With Wire Glass For 13-11/16" x 27-3/16" x 6-1/2" Cabinets	137.25	
10 44 13 00-0103	EA	Standard Glass With Wire Glass For 15-3/16" x 30-3/16" x 8-1/4" Cabinets	185.17	
10 44 13 00-0104	EA	Standard Glass With Wire Glass For 19-3/16" x 35-3/16" x 8-1/4" Cabinets	326.78	
10 44 13 00-0105	EA	Standard Glass With Wire Glass For 23-3/16" x 30-3/16" x 8-1/4" Cabinets	331.13	
10 44 13 00-0106		**Fire Hose Cabinets** *(10 44 13)*		
		Note: Excludes hoses, hose rack units, fire extinguishers and valves. See CSI section 21 12 13 00-0001 for fire hoses and nozzles, 21 12 13 00-0015 for fire hose rack units, 21 12 23 00-0014 for fire hose angle valves.		
10 44 13 00-0107		**Recessed Fire Hose Cabinets** *(10 44 13 00-0106)*		
10 44 13 00-0108		**Steel Door And Trim, Recessed Fire Hose Cabinets** *(10 44 13 00-0107)*		
		Note: Includes baked enamel finish, steel door, trim and box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.		
10 44 13 00-0109	EA	34" x 24" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet	693.38	164.48
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0110	EA	34" x 26" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet	705.67	164.48
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0111	EA	38" x 24" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet	715.91	164.48
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0112	EA	38" x 26" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet	726.16	164.48
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0113	EA	30" x 30" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet	738.44	164.48
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0114	EA	38" x 32" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet	771.19	164.48
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0115	EA	23" x 18" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet	781.44	164.48
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0116		**Aluminum Door And Trim, Recessed Fire Hose Cabinets** *(10 44 13 00-0107)*		
		Note: Includes clear satin anodized finish, aluminum door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 44 13 00-0117	EA	34" x 24" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet	750.13	164.48
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0118	EA	30" x 30" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet	769.93	164.48
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0119	EA	34" x 26" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet	772.50	164.48
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0120	EA	38" x 24" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet	780.73	164.48
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0121	EA	38" x 26" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet	791.53	164.48
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0122	EA	38" x 32" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet	822.12	164.48
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0123	EA	23" x 18" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet	852.72	164.48
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0124		Stainless Steel Door And Trim, Recessed Fire Hose Cabinets *(10 44 13 00-0107)*		
		Note: Includes #4 finish, stainless steel door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.		
10 44 13 00-0125	EA	23" x 18" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet	985.03	164.48
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0126	EA	34" x 24" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet	1,087.47	164.48
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0127	EA	34" x 26" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet	1,097.33	164.48
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0128	EA	38" x 24" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet	1,128.85	164.48
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0129	EA	38" x 26" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet	1,138.70	164.48
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0130	EA	30" x 30" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet	1,189.92	164.48
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0131	EA	38" x 32" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet	1,241.15	164.48
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0132		Semi-Recessed Fire Hose Cabinets *(10 44 13 00-0106)*		
10 44 13 00-0133		Steel Door And Trim, Semi-Recessed Fire Hose Cabinets *(10 44 13 00-0132)*		
		Note: Includes baked enamel finish, steel door, trim and box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.		
10 44 13 00-0134	EA	34" x 24" x 8" Inside Dimensions, Semi-Recessed Steel Fire Hose Cabinet	726.16	164.48
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0135	EA	34" x 26" x 8" Inside Dimensions, Semi-Recessed Steel Fire Hose Cabinet	738.44	164.48
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0136	EA	38" x 24" x 8" Inside Dimensions, Semi-Recessed Steel Fire Hose Cabinet	748.66	164.48
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0137	EA	38" x 26" x 8" Inside Dimensions, Semi-Recessed Steel Fire Hose Cabinet	760.95	164.48
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0138	EA	30" x 30" x 8" Inside Dimensions, Semi-Recessed Steel Fire Hose Cabinet	771.19	164.48
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0139	EA	38" x 32" x 8" Inside Dimensions, Semi-Recessed Steel Fire Hose Cabinet	803.94	164.48
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0140	EA	23" x 18" x 8" Inside Dimensions, Semi-Recessed Steel Fire Hose Cabinet	816.22	164.48
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0141		Aluminum Door And Trim, Semi-Recessed Fire Hose Cabinets *(10 44 13 00-0132)*		
		Note: Includes clear satin anodized finish, aluminum door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.		
10 44 13 00-0142	EA	34" x 24" x 8" Inside Dimensions, Semi-Recessed Aluminum Fire Hose Cabinet	769.93	164.48
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0143	EA	34" x 26" x 8" Inside Dimensions, Semi-Recessed Aluminum Fire Hose Cabinet	791.53	164.48
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0144	EA	30" x 30" x 8" Inside Dimensions, Semi-Recessed Aluminum Fire Hose Cabinet	794.61	164.48
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0145	EA	38" x 24" x 8" Inside Dimensions, Semi-Recessed Aluminum Fire Hose Cabinet	800.53	164.48
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0146	EA	38" x 26" x 8" Inside Dimensions, Semi-Recessed Aluminum Fire Hose Cabinet	811.32	164.48
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0147	EA	38" x 32" x 8" Inside Dimensions, Semi-Recessed Aluminum Fire Hose Cabinet	841.92	164.48
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0148	EA	23" x 18" x 8" Inside Dimensions, Semi-Recessed Aluminum Fire Hose Cabinet	872.52	164.48
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0149		Stainless Steel Door And Trim, Semi-Recessed Fire Hose Cabinets *(10 44 13 00-0132)*		
		Note: Includes #4 finish, 304 stainless steel door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.		
10 44 13 00-0150	EA	23" x 18" x 8" Inside Dimensions, Semi-Recessed Stainless Steel Fire Hose Cabinet	1,046.10	164.48
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0151	EA	34" x 24" x 8" Inside Dimensions, Semi-Recessed Stainless Steel Fire Hose Cabinet	1,158.40	164.48
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0152	EA	34" x 26" x 8" Inside Dimensions, Semi-Recessed Stainless Steel Fire Hose Cabinet	1,168.25	164.48
		For Solid Stainless Steel Door, Deduct	*-7.70*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 44 13 00-0153	EA	38" x 24" x 8" Inside Dimensions, Semi-Recessed Stainless Steel Fire Hose Cabinet	1,199.77	164.48
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0154	EA	38" x 26" x 8" Inside Dimensions, Semi-Recessed Stainless Steel Fire Hose Cabinet	1,209.62	164.48
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0155	EA	30" x 30" x 8" Inside Dimensions, Semi-Recessed Stainless Steel Fire Hose Cabinet	1,260.85	164.48
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0156	EA	38" x 32" x 8" Inside Dimensions, Semi-Recessed Stainless Steel Fire Hose Cabinet	1,312.07	164.48
		For Solid Stainless Steel Door, Deduct	*-7.70*	

10 44 13 00-0157 Surface Mount Fire Hose Cabinets *(10 44 13 00-0106)*

10 44 13 00-0158 Steel Door And Trim, Surface Mount Fire Hose Cabinets *(10 44 13 00-0157)*

Note: Includes baked enamel finish, steel door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.

10 44 13 00-0159	EA	37-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet	738.44	164.48
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0160	EA	37-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet	748.66	164.48
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0161	EA	41-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet	760.95	164.48
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0162	EA	41-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet	771.19	164.48
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0163	EA	33-1/2" x 33-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet	781.44	164.48
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0164	EA	41-1/2" x 35-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet	816.22	164.48
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0165	EA	26-1/2" x 21-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet	826.47	164.48
		For Solid Steel Door, Deduct	*-8.60*	

10 44 13 00-0166 Aluminum Door And Trim, Surface Mount Fire Hose Cabinets *(10 44 13 00-0157)*

Note: Includes clear satin anodized finish, aluminum door, trim and box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.

10 44 13 00-0167	EA	37-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet	822.12	164.48
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0168	EA	33-1/2" x 33-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet	841.92	164.48
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0169	EA	37-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet	847.06	164.48
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0170	EA	41-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet	852.72	164.48
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0171	EA	41-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet	861.72	164.48
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0172	EA	41-1/2" x 35-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet	894.12	164.48
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0173	EA	26-1/2" x 21-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet	913.92	164.48
		For Solid Aluminum Door, Add	*6.50*	

10 44 13 00-0174 Stainless Steel Door And Trim, Surface Mount Fire Hose Cabinets *(10 44 13 00-0157)*

Note: Includes #4 finish, 304 stainless steel door, trim and box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.

10 44 13 00-0175	EA	26-1/2" x 21-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet	1,128.85	164.48
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0176	EA	37-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet	1,455.90	164.48
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0177	EA	41-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet	1,538.64	164.48
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0178	EA	37-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet	1,558.34	164.48
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0179	EA	41-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet	1,578.05	164.48
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0180	EA	33-1/2" x 33-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet	1,660.79	164.48
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0181	EA	41-1/2" x 35-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet	1,763.24	164.48
		For Solid Stainless Steel Door, Deduct	*-7.70*	

10 44 16 Fire Extinguishers *(10 44)*

10 44 16 13 Portable Fire Extinguishers *(10 44 16)*

Note: Includes filling, certification, bracket, hardware and mounting on wall.

10 44 16 13-0001 Carbon Dioxide Type, Class BC Portable Fire Extinguisher *(10 44 16 13)*

10 44 16 13-0002	EA	2.5 Lb. Carbon Dioxide, Type BC Portable Fire Extinguisher	171.06	14.79
		For >5 To 10, Deduct	*-4.76*	
		For >10, Deduct	*-9.52*	
		For Placement In Cabinet, Deduct	*-37.95*	
10 44 16 13-0003	EA	5 Lb. Carbon Dioxide, Type BC Portable Fire Extinguisher	244.86	17.08
		For >5 To 10, Deduct	*-7.86*	
		For >10, Deduct	*-15.73*	
		For Placement In Cabinet, Deduct	*-43.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 44 16 13-0004	EA	10 Lb. Carbon Dioxide, Type BC Portable Fire Extinguisher	318.47	21.63
		For >5 To 10, Deduct	*-10.23*	
		For >10, Deduct	*-20.46*	
		For Placement In Cabinet, Deduct	*-56.92*	
10 44 16 13-0005	EA	15 Lb. Carbon Dioxide, Type BC Portable Fire Extinguisher	392.58	27.32
		For >5 To 10, Deduct	*-12.51*	
		For >10, Deduct	*-25.03*	
		For Placement In Cabinet, Deduct	*-71.15*	
10 44 16 13-0006	EA	20 Lb. Carbon Dioxide, Type BC Portable Fire Extinguisher	433.47	27.32
		For >5 To 10, Deduct	*-14.56*	
		For >10, Deduct	*-29.12*	
		For Placement In Cabinet, Deduct	*-71.15*	
10 44 16 13-0007	EA	50 Lb. Carbon Dioxide, Type BC Wheeled Fire Extinguisher	1,342.92	43.25
		For >5 To 10, Deduct	*-55.76*	
		For >10, Deduct	*-111.53*	
10 44 16 13-0008	EA	100 Lb. Carbon Dioxide, Type BC Wheeled Fire Extinguisher	2,585.98	43.25
		For >5 To 10, Deduct	*-117.92*	
		For >10, Deduct	*-235.83*	

10 44 16 13-0009 Dry Chemical Type, Class ABC Portable Fire Extinguisher *(10 44 16 13)*

10 44 16 13-0010	EA	2.6 Lb. Dry Chemical, Type ABC Portable Fire Extinguisher	112.18	14.79
		For >5 To 10, Deduct	*-1.81*	
		For >10, Deduct	*-3.63*	
		For Placement In Cabinet, Deduct	*-37.95*	
10 44 16 13-0011	EA	5 Lb. Dry Chemical, Type ABC Portable Fire Extinguisher	139.03	17.08
		For >5 To 10, Deduct	*-2.57*	
		For >10, Deduct	*-5.15*	
		For Placement In Cabinet, Deduct	*-43.79*	
10 44 16 13-0012	EA	10 Lb. Dry Chemical, Type ABC Portable Fire Extinguisher	195.76	21.63
		For >5 To 10, Deduct	*-4.10*	
		For >10, Deduct	*-8.19*	
		For Placement In Cabinet, Deduct	*-56.92*	
10 44 16 13-0013	EA	20 Lb. Dry Chemical, Type ABC Portable Fire Extinguisher	271.24	27.32
		For >5 To 10, Deduct	*-6.45*	
		For >10, Deduct	*-12.90*	
		For Placement In Cabinet, Deduct	*-71.15*	
10 44 16 13-0014	EA	50 Lb. Dry Chemical, Type ABC Wheeled Fire Extinguisher	1,600.05	43.25
		For >5 To 10, Deduct	*-68.62*	
		For >10, Deduct	*-137.24*	
10 44 16 13-0015	EA	125 Lb. Dry Chemical, Type ABC Wheeled Fire Extinguisher	2,351.67	43.25
		For >5 To 10, Deduct	*-106.20*	
		For >10, Deduct	*-212.40*	

10 44 16 13-0016 Other Portable Fire Extinguishers *(10 44 16 13)*

10 44 16 13-0017	EA	2.5 Gallon Water, Stored Pressure Portable Fire Extinguisher Note: Stainless steel.	193.12	17.08
		For >5 To 10, Deduct	*-5.28*	
		For >10, Deduct	*-10.56*	
		For Placement In Cabinet, Deduct	*-43.79*	
10 44 16 13-0018	EA	1.6 Gallon Wet Chemical, Class K Portable Fire Extinguisher Note: Stainless steel.	294.63	27.32
		For >5 To 10, Deduct	*-7.62*	
		For >10, Deduct	*-15.23*	
		For Placement In Cabinet, Deduct	*-71.15*	
10 44 16 13-0019	EA	2.5 Gallon Wet Chemical, Class K Portable Fire Extinguisher Note: Stainless steel.	311.22	27.32
		For >5 To 10, Deduct	*-8.45*	
		For >10, Deduct	*-16.89*	
		For Placement In Cabinet, Deduct	*-71.15*	
10 44 16 13-0020	EA	30 Lb. Dry Powder, Class D Portable Fire Extinguisher Note: Yellow steel.	425.87	27.32
		For >5 To 10, Deduct	*-14.18*	
		For >10, Deduct	*-28.36*	

10 44 16 13-0021 Fire Extinguisher Backboards *(10 44 16 13)*

10 44 16 13-0022 Fire Extinguisher Backboards *(10 44 16 13-0021)*

Note: Mounted to any wall. Includes anchors.

10 44 16 13-0023	EA	Red Painted 1/2" x 12" x 40" Beveled Edge Plywood Fire Extinguisher Backboard	122.60	19.50
10 44 16 13-0024	EA	Relocate Fire Extinguisher Wood Backboard, Any Size Note: Includes storage and cleaning.	172.04	

10 44 16 13-0025 Inspections And Testing *(10 44 16 13)*

10 44 16 13-0026	EA	On Site Fire Extinguisher Annual Inspection (Tag)	7.61	
10 44 16 13-0027	EA	On Site Fire Extinguisher Hydrotest	11.19	

10 44 19 Fire Blankets *(10 44)*

10 44 19 00-0001	EA	Vertical Roller Type Fire Blanket Cabinet (JL Industries 1FB) Note: Includes a 62" x 84", 3-1/2 pound, processed wool fire blanket.	529.00	46.68

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 44 19 00-0002	EA	Drop Type Fire Blanket Cabinet (JL Industries 2FB) Note: Includes a 62" x 84", 3-1/2 pound, processed wool fire blanket.	381.03	46.68

10 50 Storage Specialties *(10)*

10 51 Lockers *(10 50)*

10 51 13 Metal Lockers *(10 51)*

10 51 13 00-0001 Institutional And Corridor Lockers *(10 51 13)*
Note: Price per frame. Includes baked enamel 24 gauge solid body components and 6" legs. Excludes slope top, base fillers, and locks.

10 51 13 00-0002 Single Tier Institutional Or Corridor Locker *(10 51 13 00-0001)*
Note: Includes one hat shelf, three single hooks and one double hook.

10 51 13 00-0003	EA	12" x 12" x 48" Single Tier Institutional Or Corridor Locker	291.53	35.28
		For >25 To 50, Deduct	*-11.05*	
		For >50 To 100, Deduct	*-23.15*	
		For >100, Deduct	*-35.26*	
		For 14 Gauge Doors, Add	*17.68*	
10 51 13 00-0004	EA	12" x 15" x 48" Single Tier Institutional Or Corridor Locker	300.28	35.28
		For >25 To 50, Deduct	*-11.49*	
		For >50 To 100, Deduct	*-24.03*	
		For >100, Deduct	*-36.57*	
		For 14 Gauge Doors, Add	*18.38*	
10 51 13 00-0005	EA	12" x 18" x 48" Single Tier Institutional Or Corridor Locker	309.02	35.28
		For >25 To 50, Deduct	*-11.92*	
		For >50 To 100, Deduct	*-24.90*	
		For >100, Deduct	*-37.88*	
		For 14 Gauge Doors, Add	*19.08*	
10 51 13 00-0006	EA	12" x 12" x 60" Single Tier Institutional Or Corridor Locker	275.54	35.28
		For >25 To 50, Deduct	*-10.25*	
		For >50 To 100, Deduct	*-21.55*	
		For >100, Deduct	*-32.86*	
		For 14 Gauge Doors, Add	*16.40*	
10 51 13 00-0007	EA	12" x 15" x 60" Single Tier Institutional Or Corridor Locker	286.40	35.28
		For >25 To 50, Deduct	*-10.79*	
		For >50 To 100, Deduct	*-22.64*	
		For >100, Deduct	*-34.49*	
		For 14 Gauge Doors, Add	*17.27*	
10 51 13 00-0008	EA	12" x 18" x 60" Single Tier Institutional Or Corridor Locker	301.25	35.28
		For >25 To 50, Deduct	*-11.53*	
		For >50 To 100, Deduct	*-24.13*	
		For >100, Deduct	*-36.72*	
		For 14 Gauge Doors, Add	*18.45*	
10 51 13 00-0009	EA	12" x 12" x 72" Single Tier Institutional Or Corridor Locker	300.35	36.43
		For >25 To 50, Deduct	*-11.38*	
		For >50 To 100, Deduct	*-23.84*	
		For >100, Deduct	*-36.31*	
		For 14 Gauge Doors, Add	*18.20*	
10 51 13 00-0010	EA	12" x 15" x 72" Single Tier Institutional Or Corridor Locker	309.35	36.43
		For >25 To 50, Deduct	*-11.83*	
		For >50 To 100, Deduct	*-24.74*	
		For >100, Deduct	*-37.66*	
		For 14 Gauge Doors, Add	*18.92*	
10 51 13 00-0011	EA	12" x 18" x 72" Single Tier Institutional Or Corridor Locker	318.13	36.43
		For >25 To 50, Deduct	*-12.26*	
		For >50 To 100, Deduct	*-25.62*	
		For >100, Deduct	*-38.98*	
		For 14 Gauge Doors, Add	*19.62*	
10 51 13 00-0012	EA	15" x 15" x 72" Single Tier Institutional Or Corridor Locker	333.28	36.43
		For >25 To 50, Deduct	*-13.02*	
		For >50 To 100, Deduct	*-27.14*	
		For >100, Deduct	*-41.25*	
		For 14 Gauge Doors, Add	*20.83*	
10 51 13 00-0013	EA	15" x 18" x 72" Single Tier Institutional Or Corridor Locker	348.27	36.43
		For >25 To 50, Deduct	*-13.77*	
		For >50 To 100, Deduct	*-28.63*	
		For >100, Deduct	*-43.50*	
		For 14 Gauge Doors, Add	*22.03*	
10 51 13 00-0014	EA	18" x 18" x 72" Single Tier Institutional Or Corridor Locker	364.16	36.43
		For >25 To 50, Deduct	*-14.57*	
		For >50 To 100, Deduct	*-30.22*	
		For >100, Deduct	*-45.88*	
		For 14 Gauge Doors, Add	*23.30*	
10 51 13 00-0015	EA	18" x 21" x 72" Single Tier Institutional Or Corridor Locker	378.82	36.43
		For >25 To 50, Deduct	*-15.30*	
		For >50 To 100, Deduct	*-31.69*	
		For >100, Deduct	*-48.08*	
		For 14 Gauge Doors, Add	*24.48*	
10 51 13 00-0016	EA	24" x 24" x 72" Single Tier Institutional Or Corridor Locker	512.81	36.43
		For >25 To 50, Deduct	*-22.00*	
		For >50 To 100, Deduct	*-45.09*	
		For >100, Deduct	*-68.18*	
		For 14 Gauge Doors, Add	*35.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0017		Two Tier Institutional Or Corridor Locker *(10 51 13 00-0001)*		
		Note: Includes three single hooks and one double hook per tier.		
10 51 13 00-0018	EA	12" x 12" x 60" Two Tier Institutional Or Corridor Locker	325.69	36.43
		For >25 To 50, Deduct	*-12.64*	
		For >50 To 100, Deduct	*-26.38*	
		For >100, Deduct	*-40.11*	
		For 14 Gauge Doors, Add	*27.81*	
10 51 13 00-0019	EA	12" x 15" x 60" Two Tier Institutional Or Corridor Locker	332.53	36.43
		For >25 To 50, Deduct	*-12.98*	
		For >50 To 100, Deduct	*-27.06*	
		For >100, Deduct	*-41.14*	
		For 14 Gauge Doors, Add	*28.56*	
10 51 13 00-0020	EA	12" x 18" x 60" Two Tier Institutional Or Corridor Locker	339.43	36.43
		For >25 To 50, Deduct	*-13.33*	
		For >50 To 100, Deduct	*-27.75*	
		For >100, Deduct	*-42.17*	
		For 14 Gauge Doors, Add	*29.32*	
10 51 13 00-0021	EA	12" x 12" x 72" Two Tier Institutional Or Corridor Locker	340.53	37.57
		For >25 To 50, Deduct	*-13.27*	
		For >50 To 100, Deduct	*-27.67*	
		For >100, Deduct	*-42.06*	
		For 14 Gauge Doors, Add	*29.19*	
10 51 13 00-0022	EA	12" x 15" x 72" Two Tier Institutional Or Corridor Locker	355.49	37.57
		For >25 To 50, Deduct	*-14.02*	
		For >50 To 100, Deduct	*-29.16*	
		For >100, Deduct	*-44.31*	
		For 14 Gauge Doors, Add	*30.84*	
10 51 13 00-0023	EA	12" x 18" x 72" Two Tier Institutional Or Corridor Locker	364.52	37.57
		For >25 To 50, Deduct	*-14.47*	
		For >50 To 100, Deduct	*-30.07*	
		For >100, Deduct	*-45.66*	
		For 14 Gauge Doors, Add	*31.83*	
10 51 13 00-0024	EA	15" x 15" x 72" Two Tier Institutional Or Corridor Locker	377.46	37.57
		For >25 To 50, Deduct	*-15.12*	
		For >50 To 100, Deduct	*-31.36*	
		For >100, Deduct	*-47.60*	
		For 14 Gauge Doors, Add	*33.26*	
10 51 13 00-0025	EA	15" x 18" x 72" Two Tier Institutional Or Corridor Locker	390.45	37.57
		For >25 To 50, Deduct	*-15.77*	
		For >50 To 100, Deduct	*-32.66*	
		For >100, Deduct	*-49.55*	
		For 14 Gauge Doors, Add	*34.69*	
10 51 13 00-0026	EA	18" x 18" x 72" Two Tier Institutional Or Corridor Locker	449.27	37.57
		For >25 To 50, Deduct	*-18.71*	
		For >50 To 100, Deduct	*-38.54*	
		For >100, Deduct	*-58.37*	
		For 14 Gauge Doors, Add	*41.16*	
10 51 13 00-0027	EA	18" x 21" x 72" Two Tier Institutional Or Corridor Locker	459.95	37.57
		For >25 To 50, Deduct	*-19.24*	
		For >50 To 100, Deduct	*-39.61*	
		For >100, Deduct	*-59.98*	
		For 14 Gauge Doors, Add	*42.33*	
10 51 13 00-0028		Three Tier Institutional Or Corridor Locker *(10 51 13 00-0001)*		
		Note: Includes one double hook per tier.		
10 51 13 00-0029	EA	12" x 12" x 72" Three Tier Institutional Or Corridor Locker	382.52	38.71
		For >25 To 50, Deduct	*-15.26*	
		For >50 To 100, Deduct	*-31.67*	
		For >100, Deduct	*-48.09*	
		For 14 Gauge Doors, Add	*45.77*	
10 51 13 00-0030	EA	12" x 15" x 72" Three Tier Institutional Or Corridor Locker	389.55	38.71
		For >25 To 50, Deduct	*-15.61*	
		For >50 To 100, Deduct	*-32.38*	
		For >100, Deduct	*-49.14*	
		For 14 Gauge Doors, Add	*46.82*	
10 51 13 00-0031	EA	12" x 18" x 72" Three Tier Institutional Or Corridor Locker	414.51	38.71
		For >25 To 50, Deduct	*-16.86*	
		For >50 To 100, Deduct	*-34.87*	
		For >100, Deduct	*-52.89*	
		For 14 Gauge Doors, Add	*50.57*	
10 51 13 00-0032	EA	15" x 15" x 72" Three Tier Institutional Or Corridor Locker	438.42	38.71
		For >25 To 50, Deduct	*-18.05*	
		For >50 To 100, Deduct	*-37.26*	
		For >100, Deduct	*-56.47*	
		For 14 Gauge Doors, Add	*54.15*	
10 51 13 00-0033	EA	15" x 18" x 72" Three Tier Institutional Or Corridor Locker	457.46	38.71
		For >25 To 50, Deduct	*-19.00*	
		For >50 To 100, Deduct	*-39.17*	
		For >100, Deduct	*-59.33*	
		For 14 Gauge Doors, Add	*57.01*	
10 51 13 00-0034		Four Tier Institutional Or Corridor Locker *(10 51 13 00-0001)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0035	EA	12" x 12" x 72" Four Tier Institutional Or Corridor Locker	375.41	39.84
		For >25 To 50, Deduct	*-14.79*	
		For >50 To 100, Deduct	*-30.77*	
		For >100, Deduct	*-46.75*	
10 51 13 00-0036	EA	12" x 15" x 72" Four Tier Institutional Or Corridor Locker	387.67	39.84
		For >25 To 50, Deduct	*-15.40*	
		For >50 To 100, Deduct	*-31.99*	
		For >100, Deduct	*-48.59*	
10 51 13 00-0037	EA	12" x 18" x 72" Four Tier Institutional Or Corridor Locker	407.39	39.84
		For >25 To 50, Deduct	*-16.39*	
		For >50 To 100, Deduct	*-33.97*	
		For >100, Deduct	*-51.55*	
10 51 13 00-0038	EA	15" x 15" x 72" Four Tier Institutional Or Corridor Locker	423.17	39.84
		For >25 To 50, Deduct	*-17.17*	
		For >50 To 100, Deduct	*-35.54*	
		For >100, Deduct	*-53.91*	
10 51 13 00-0039	EA	15" x 18" x 72" Four Tier Institutional Or Corridor Locker	445.89	39.84
		For >25 To 50, Deduct	*-18.31*	
		For >50 To 100, Deduct	*-37.82*	
		For >100, Deduct	*-57.32*	
10 51 13 00-0040		**Six Tier Institutional Or Corridor Locker** *(10 51 13 00-0001)*		
10 51 13 00-0041	EA	12" x 12" x 72" Six Tier Institutional Or Corridor Locker	408.52	40.98
		For >25 To 50, Deduct	*-16.33*	
		For >50 To 100, Deduct	*-33.89*	
		For >100, Deduct	*-51.44*	
10 51 13 00-0042	EA	12" x 15" x 72" Six Tier Institutional Or Corridor Locker	417.97	40.98
		For >25 To 50, Deduct	*-16.80*	
		For >50 To 100, Deduct	*-34.83*	
		For >100, Deduct	*-52.86*	
10 51 13 00-0043	EA	12" x 18" x 72" Six Tier Institutional Or Corridor Locker	435.82	40.98
		For >25 To 50, Deduct	*-17.69*	
		For >50 To 100, Deduct	*-36.62*	
		For >100, Deduct	*-55.54*	
10 51 13 00-0044		**Locker And Coat Rack Combination** *(10 51 13 00-0001)*		
10 51 13 00-0045	EA	45" x 18" x 12", 4 Person Wall Mount Locker And Coat Rack Combination	757.44	27.32
10 51 13 00-0046	EA	72" x 18" x 78", 16 Person Locker And Coat Rack Combination	1,210.65	56.92
10 51 13 00-0047		**Athletic Lockers** *(10 51 13)*		
		Note: Price per frame. Includes baked enamel paint, diamond perforated doors and sides, 16 gauge solid top, bottom, and shelves and 6" legs. Excludes slope top, base fillers, and locks.		
10 51 13 00-0048		**Single Tier Athletic Locker** *(10 51 13 00-0047)*		
		Note: Includes one hat shelf, three single hooks and one double hook.		
10 51 13 00-0049	EA	12" x 15" x 60" Single Tier Athletic Locker	413.94	36.43
		For >25 To 50, Deduct	*-17.05*	
		For >50 To 100, Deduct	*-35.20*	
		For >100, Deduct	*-53.35*	
10 51 13 00-0050	EA	12" x 18" x 60" Single Tier Athletic Locker	428.35	36.43
		For >25 To 50, Deduct	*-17.78*	
		For >50 To 100, Deduct	*-36.64*	
		For >100, Deduct	*-55.51*	
10 51 13 00-0051	EA	15" x 15" x 60" Single Tier Athletic Locker	437.61	36.43
		For >25 To 50, Deduct	*-18.24*	
		For >50 To 100, Deduct	*-37.57*	
		For >100, Deduct	*-56.90*	
10 51 13 00-0052	EA	15" x 18" x 60" Single Tier Athletic Locker	452.99	36.43
		For >25 To 50, Deduct	*-19.01*	
		For >50 To 100, Deduct	*-39.11*	
		For >100, Deduct	*-59.21*	
10 51 13 00-0053	EA	18" x 18" x 60" Single Tier Athletic Locker	519.32	36.43
		For >25 To 50, Deduct	*-22.32*	
		For >50 To 100, Deduct	*-45.74*	
		For >100, Deduct	*-69.16*	
10 51 13 00-0054	EA	18" x 21" x 60" Single Tier Athletic Locker	572.07	36.43
		For >25 To 50, Deduct	*-24.96*	
		For >50 To 100, Deduct	*-51.01*	
		For >100, Deduct	*-77.07*	
10 51 13 00-0055	EA	18" x 24" x 60" Single Tier Athletic Locker	608.14	36.43
		For >25 To 50, Deduct	*-26.76*	
		For >50 To 100, Deduct	*-54.62*	
		For >100, Deduct	*-82.48*	
10 51 13 00-0056	EA	12" x 15" x 72" Single Tier Athletic Locker	429.93	36.43
		For >25 To 50, Deduct	*-17.85*	
		For >50 To 100, Deduct	*-36.80*	
		For >100, Deduct	*-55.75*	
10 51 13 00-0057	EA	12" x 18" x 72" Single Tier Athletic Locker	455.88	36.43
		For >25 To 50, Deduct	*-19.15*	
		For >50 To 100, Deduct	*-39.40*	
		For >100, Deduct	*-59.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0058	EA	15" x 15" x 72" Single Tier Athletic Locker	465.00	36.43
		For >25 To 50, Deduct	*-19.61*	
		For >50 To 100, Deduct	*-40.31*	
		For >100, Deduct	*-61.01*	
10 51 13 00-0059	EA	15" x 18" x 72" Single Tier Athletic Locker	481.65	36.43
		For >25 To 50, Deduct	*-20.44*	
		For >50 To 100, Deduct	*-41.97*	
		For >100, Deduct	*-63.51*	
10 51 13 00-0060	EA	18" x 18" x 72" Single Tier Athletic Locker	522.72	36.43
		For >25 To 50, Deduct	*-22.49*	
		For >50 To 100, Deduct	*-46.08*	
		For >100, Deduct	*-69.67*	
10 51 13 00-0061	EA	18" x 21" x 72" Single Tier Athletic Locker	565.77	36.43
		For >25 To 50, Deduct	*-24.65*	
		For >50 To 100, Deduct	*-50.38*	
		For >100, Deduct	*-76.12*	

10 51 13 00-0062 Two Tier Athletic Locker *(10 51 13 00-0047)*

Note: Includes three single hooks and one double hook per tier.

10 51 13 00-0063	EA	12" x 12" x 60" Two Tier Athletic Locker	464.33	37.57
		For >25 To 50, Deduct	*-19.46*	
		For >50 To 100, Deduct	*-40.05*	
		For >100, Deduct	*-60.63*	
10 51 13 00-0064	EA	12" x 15" x 60" Two Tier Athletic Locker	479.66	37.57
		For >25 To 50, Deduct	*-20.23*	
		For >50 To 100, Deduct	*-41.58*	
		For >100, Deduct	*-62.93*	
10 51 13 00-0065	EA	12" x 18" x 60" Two Tier Athletic Locker	496.92	37.57
		For >25 To 50, Deduct	*-21.09*	
		For >50 To 100, Deduct	*-43.31*	
		For >100, Deduct	*-65.52*	
10 51 13 00-0066	EA	15" x 15" x 60" Two Tier Athletic Locker	498.60	37.57
		For >25 To 50, Deduct	*-21.17*	
		For >50 To 100, Deduct	*-43.47*	
		For >100, Deduct	*-65.77*	
10 51 13 00-0067	EA	15" x 18" x 60" Two Tier Athletic Locker	502.19	37.57
		For >25 To 50, Deduct	*-21.35*	
		For >50 To 100, Deduct	*-43.83*	
		For >100, Deduct	*-66.31*	
10 51 13 00-0068	EA	18" x 18" x 60" Two Tier Athletic Locker	532.52	37.57
		For >25 To 50, Deduct	*-22.87*	
		For >50 To 100, Deduct	*-46.87*	
		For >100, Deduct	*-70.86*	
10 51 13 00-0069	EA	18" x 21" x 60" Two Tier Athletic Locker	554.73	37.57
		For >25 To 50, Deduct	*-23.98*	
		For >50 To 100, Deduct	*-49.09*	
		For >100, Deduct	*-74.19*	
10 51 13 00-0070	EA	18" x 24" x 60" Two Tier Athletic Locker	653.93	37.57
		For >25 To 50, Deduct	*-28.94*	
		For >50 To 100, Deduct	*-59.01*	
		For >100, Deduct	*-89.07*	
10 51 13 00-0071	EA	12" x 12" x 72" Two Tier Athletic Locker	480.93	37.57
		For >25 To 50, Deduct	*-20.29*	
		For >50 To 100, Deduct	*-41.71*	
		For >100, Deduct	*-63.12*	
10 51 13 00-0072	EA	12" x 15" x 72" Two Tier Athletic Locker	496.63	37.57
		For >25 To 50, Deduct	*-21.08*	
		For >50 To 100, Deduct	*-43.28*	
		For >100, Deduct	*-65.48*	
10 51 13 00-0073	EA	12" x 18" x 72" Two Tier Athletic Locker	518.04	37.57
		For >25 To 50, Deduct	*-22.15*	
		For >50 To 100, Deduct	*-45.42*	
		For >100, Deduct	*-68.69*	
10 51 13 00-0074	EA	15" x 15" x 72" Two Tier Athletic Locker	521.28	37.57
		For >25 To 50, Deduct	*-22.31*	
		For >50 To 100, Deduct	*-45.74*	
		For >100, Deduct	*-69.18*	
10 51 13 00-0075	EA	15" x 18" x 72" Two Tier Athletic Locker	538.88	37.57
		For >25 To 50, Deduct	*-23.19*	
		For >50 To 100, Deduct	*-47.50*	
		For >100, Deduct	*-71.82*	
10 51 13 00-0076	EA	18" x 18" x 72" Two Tier Athletic Locker	560.49	37.57
		For >25 To 50, Deduct	*-24.27*	
		For >50 To 100, Deduct	*-49.66*	
		For >100, Deduct	*-75.06*	
10 51 13 00-0077	EA	18" x 21" x 72" Two Tier Athletic Locker	609.00	37.57
		For >25 To 50, Deduct	*-26.69*	
		For >50 To 100, Deduct	*-54.51*	
		For >100, Deduct	*-82.33*	

10 51 13 00-0078 Three Tier Athletic Locker *(10 51 13 00-0047)*

Note: Includes one double hook per tier.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0079	EA	12" x 12" x 60" Three Tier Athletic Locker	503.54	38.71
		For >25 To 50, Deduct	*-21.31*	
		For >50 To 100, Deduct	*-43.77*	
		For >100, Deduct	*-66.24*	
10 51 13 00-0080	EA	12" x 15" x 60" Three Tier Athletic Locker	528.39	38.71
		For >25 To 50, Deduct	*-22.55*	
		For >50 To 100, Deduct	*-46.26*	
		For >100, Deduct	*-69.97*	
10 51 13 00-0081	EA	12" x 18" x 60" Three Tier Athletic Locker	550.36	38.71
		For >25 To 50, Deduct	*-23.65*	
		For >50 To 100, Deduct	*-48.46*	
		For >100, Deduct	*-73.26*	
10 51 13 00-0082	EA	15" x 15" x 60" Three Tier Athletic Locker	565.28	38.71
		For >25 To 50, Deduct	*-24.39*	
		For >50 To 100, Deduct	*-49.95*	
		For >100, Deduct	*-75.50*	
10 51 13 00-0083	EA	15" x 18" x 60" Three Tier Athletic Locker	590.12	38.71
		For >25 To 50, Deduct	*-25.64*	
		For >50 To 100, Deduct	*-52.43*	
		For >100, Deduct	*-79.23*	
10 51 13 00-0084	EA	12" x 12" x 72" Three Tier Athletic Locker	531.84	38.71
		For >25 To 50, Deduct	*-22.72*	
		For >50 To 100, Deduct	*-46.60*	
		For >100, Deduct	*-70.49*	
10 51 13 00-0085	EA	12" x 15" x 72" Three Tier Athletic Locker	554.29	38.71
		For >25 To 50, Deduct	*-23.84*	
		For >50 To 100, Deduct	*-48.85*	
		For >100, Deduct	*-73.85*	
10 51 13 00-0086	EA	12" x 18" x 72" Three Tier Athletic Locker	585.25	38.71
		For >25 To 50, Deduct	*-25.39*	
		For >50 To 100, Deduct	*-51.95*	
		For >100, Deduct	*-78.50*	
10 51 13 00-0087	EA	15" x 15" x 72" Three Tier Athletic Locker	601.10	38.71
		For >25 To 50, Deduct	*-26.18*	
		For >50 To 100, Deduct	*-53.53*	
		For >100, Deduct	*-80.88*	
10 51 13 00-0088	EA	15" x 18" x 72" Three Tier Athletic Locker	624.88	38.71
		For >25 To 50, Deduct	*-27.37*	
		For >50 To 100, Deduct	*-55.91*	
		For >100, Deduct	*-84.44*	

10 51 13 00-0089 Four Tier Athletic Locker *(10 51 13 00-0047)*

10 51 13 00-0090	EA	12" x 12" x 60" Four Tier Athletic Locker	463.43	39.84
		For >25 To 50, Deduct	*-19.19*	
		For >50 To 100, Deduct	*-39.57*	
		For >100, Deduct	*-59.95*	
10 51 13 00-0091	EA	12" x 15" x 60" Four Tier Athletic Locker	493.86	39.84
		For >25 To 50, Deduct	*-20.71*	
		For >50 To 100, Deduct	*-42.61*	
		For >100, Deduct	*-64.52*	
10 51 13 00-0092	EA	12" x 18" x 60" Four Tier Athletic Locker	524.30	39.84
		For >25 To 50, Deduct	*-22.23*	
		For >50 To 100, Deduct	*-45.66*	
		For >100, Deduct	*-69.08*	
10 51 13 00-0093	EA	15" x 15" x 60" Four Tier Athletic Locker	536.73	39.84
		For >25 To 50, Deduct	*-22.85*	
		For >50 To 100, Deduct	*-46.90*	
		For >100, Deduct	*-70.95*	
10 51 13 00-0094	EA	15" x 18" x 60" Four Tier Athletic Locker	586.73	39.84
		For >25 To 50, Deduct	*-25.35*	
		For >50 To 100, Deduct	*-51.90*	
		For >100, Deduct	*-78.45*	
10 51 13 00-0095	EA	12" x 12" x 72" Four Tier Athletic Locker	494.39	39.84
		For >25 To 50, Deduct	*-20.74*	
		For >50 To 100, Deduct	*-42.67*	
		For >100, Deduct	*-64.60*	
10 51 13 00-0096	EA	12" x 15" x 72" Four Tier Athletic Locker	525.27	39.84
		For >25 To 50, Deduct	*-22.28*	
		For >50 To 100, Deduct	*-45.75*	
		For >100, Deduct	*-69.23*	
10 51 13 00-0097	EA	12" x 18" x 72" Four Tier Athletic Locker	556.13	39.84
		For >25 To 50, Deduct	*-23.82*	
		For >50 To 100, Deduct	*-48.84*	
		For >100, Deduct	*-73.86*	
10 51 13 00-0098	EA	15" x 15" x 72" Four Tier Athletic Locker	571.94	39.84
		For >25 To 50, Deduct	*-24.61*	
		For >50 To 100, Deduct	*-50.42*	
		For >100, Deduct	*-76.23*	
10 51 13 00-0099	EA	15" x 18" x 72" Four Tier Athletic Locker	583.80	39.84
		For >25 To 50, Deduct	*-25.21*	
		For >50 To 100, Deduct	*-51.61*	
		For >100, Deduct	*-78.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0100		**Six Tier Athletic Locker** *(10 51 13 00-0047)*		
10 51 13 00-0101	EA	12" x 12" x 72" Six Tier Athletic Locker	548.59	40.98
		For >25 To 50, Deduct	*-23.33*	
		For >50 To 100, Deduct	*-47.89*	
		For >100, Deduct	*-72.45*	
10 51 13 00-0102	EA	12" x 15" x 72" Six Tier Athletic Locker	572.30	40.98
		For >25 To 50, Deduct	*-24.52*	
		For >50 To 100, Deduct	*-50.26*	
		For >100, Deduct	*-76.01*	
10 51 13 00-0103	EA	12" x 18" x 72" Six Tier Athletic Locker	595.97	40.98
		For >25 To 50, Deduct	*-25.70*	
		For >50 To 100, Deduct	*-52.63*	
		For >100, Deduct	*-79.56*	
10 51 13 00-0104	EA	12" x 21" x 72" Six Tier Athletic Locker	682.37	40.98
		For >25 To 50, Deduct	*-30.02*	
		For >50 To 100, Deduct	*-61.27*	
		For >100, Deduct	*-92.52*	
10 51 13 00-0105		**Metal Locker Accessories** *(10 51 13)*		
10 51 13 00-0106		**Locker Slope Tops** *(10 51 13 00-0105)*		
10 51 13 00-0107		**16 Gauge Continuous Sloping Hood** *(10 51 13 00-0106)*		
10 51 13 00-0108	LF	12" Deep, 16 Gauge Continuous Slope Top	34.39	4.55
10 51 13 00-0109	LF	15" Deep, 16 Gauge Continuous Slope Top	29.00	4.55
10 51 13 00-0110	LF	18" Deep, 16 Gauge Continuous Slope Top	39.92	4.55
10 51 13 00-0111	LF	21" Deep, 16 Gauge Continuous Slope Top	44.12	4.55
10 51 13 00-0112	LF	24" Deep, 16 Gauge Continuous Slope Top	46.09	4.55
10 51 13 00-0113		**16 Gauge Slope Top Corner Fillers** *(10 51 13 00-0106)*		
10 51 13 00-0114	EA	12" Deep, 16 Gauge Slope Top Corner Fillers	142.83	4.55
10 51 13 00-0115	EA	15" Deep, 16 Gauge Slope Top Corner Fillers	145.89	4.55
10 51 13 00-0116	EA	18" Deep, 16 Gauge Slope Top Corner Fillers	148.94	4.55
10 51 13 00-0117	EA	21" Deep, 16 Gauge Slope Top Corner Fillers	152.63	4.55
10 51 13 00-0118	EA	24" Deep, 16 Gauge Slope Top Corner Fillers	156.29	4.55
10 51 13 00-0119		**20 Gauge Individual Slope Top** *(10 51 13 00-0106)*		
10 51 13 00-0120	EA	12" Wide x 12" Deep 20 Gauge Individual Slope Top	29.53	4.55
10 51 13 00-0121	EA	12" Wide x 15" Deep 20 Gauge Individual Slope Top	29.33	4.55
10 51 13 00-0122	EA	12" Wide x 18" Deep 20 Gauge Individual Slope Top	32.66	4.55
10 51 13 00-0123	EA	15" Wide x 15" Deep 20 Gauge Individual Slope Top	32.66	4.55
10 51 13 00-0124	EA	15" Wide x 18" Deep 20 Gauge Individual Slope Top	33.45	4.55
10 51 13 00-0125	EA	15" Wide x 21" Deep 20 Gauge Individual Slope Top	36.59	4.55
10 51 13 00-0126	EA	18" Wide x 18" Deep 20 Gauge Individual Slope Top	36.59	4.55
10 51 13 00-0127	EA	18" Wide x 21" Deep 20 Gauge Individual Slope Top	40.72	4.55
10 51 13 00-0128	EA	18" Wide x 24" Deep 20 Gauge Individual Slope Top	45.64	4.55
10 51 13 00-0129		**Continuous Slope Top End Closures** *(10 51 13 00-0106)*		
10 51 13 00-0130	PR	12" Deep, Continuous Slope Top End Closures	31.49	4.55
10 51 13 00-0131	PR	15" Deep, Continuous Slope Top End Closures	26.74	4.55
10 51 13 00-0132	PR	18" Deep, Continuous Slope Top End Closures	35.40	4.55
10 51 13 00-0133	PR	21" Deep, Continuous Slope Top End Closures	37.38	4.55
10 51 13 00-0134	PR	24" Deep, Continuous Slope Top End Closures	38.72	4.55
10 51 13 00-0135		**Individual Slope Top End Closures** *(10 51 13 00-0106)*		
10 51 13 00-0136	EA	12" Deep, Individual Slope Top End Closures	20.30	4.55
10 51 13 00-0137	EA	15" Deep, Individual Slope Top End Closures	20.91	4.55
10 51 13 00-0138	EA	18" Deep, Individual Slope Top End Closures	22.28	4.55
10 51 13 00-0139	EA	21" Deep, Individual Slope Top End Closures	23.23	4.55
10 51 13 00-0140	EA	24" Deep, Individual Slope Top End Closures	32.91	4.55
10 51 13 00-0141		**Locker Base** *(10 51 13 00-0105)*		
10 51 13 00-0142		**Closed Front Base** *(10 51 13 00-0141)*		
10 51 13 00-0143	EA	12" Wide, 6" High Closed Front Base	21.35	4.55
10 51 13 00-0144	EA	15" Wide, 6" High Closed Front Base	22.38	4.55
10 51 13 00-0145	EA	18" Wide, 6" High Closed Front Base	24.51	4.55
10 51 13 00-0146	EA	24" Wide, 6" High Closed Front Base	25.54	4.55
10 51 13 00-0147		**Closed End Base** *(10 51 13 00-0141)*		
10 51 13 00-0148	EA	12" Deep, 6" High Closed End Base	24.19	4.55
10 51 13 00-0149	EA	15" Deep, 6" High Closed End Base	24.37	4.55
10 51 13 00-0150	EA	18" Deep, 6" High Closed End Base	25.76	4.55
10 51 13 00-0151	EA	21" Deep, 6" High Closed End Base	27.12	4.55

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0152	EA	24" Deep, 6" High Closed End Base	28.98	4.55
10 51 13 00-0153		**Recessed Continuous Front "Z" Base** *(10 51 13 00-0141)*		
10 51 13 00-0154	LF	4" High Recessed Continuous Front "Z" Base	25.45	3.41
10 51 13 00-0155		**"Z" Base Ends Or Splice** *(10 51 13 00-0141)*		
10 51 13 00-0156	EA	12" Wide, 4" High Z-Base Ends Or Splice	25.30	4.55
10 51 13 00-0157	EA	15" Wide, 4" High Z-Base Ends Or Splice	29.33	4.55
10 51 13 00-0158	EA	18" Wide, 4" High Z-Base Ends Or Splice	33.45	4.55
10 51 13 00-0159	EA	21" Wide, 4" High Z-Base Ends Or Splice	37.78	4.55
10 51 13 00-0160	EA	24" Wide, 4" High Z-Base Ends Or Splice	42.09	4.55
10 51 13 00-0161		**Locker Front Fillers And End Panels** *(10 51 13 00-0105)*		
10 51 13 00-0162		**Locker Front Fillers** *(10 51 13 00-0161)*		
10 51 13 00-0163	EA	6" Wide x 48" High, 16 Gauge Front Filler	32.97	5.70
10 51 13 00-0164	EA	12" Wide x 48" High, 16 Gauge Front Filler	53.57	5.70
10 51 13 00-0165	EA	6" Wide x 60" High, 16 Gauge Front Filler	41.43	5.70
10 51 13 00-0166	EA	12" Wide x 60" High, 16 Gauge Front Filler	64.12	5.70
10 51 13 00-0167	EA	6" Wide x 66" High, 16 Gauge Front Filler	45.13	5.70
10 51 13 00-0168	EA	12" Wide x 66" High, 16 Gauge Front Filler	50.74	5.70
10 51 13 00-0169	EA	6" Wide x 72" High, 16 Gauge Front Filler	49.42	5.70
10 51 13 00-0170	EA	12" Wide x 72" High, 16 Gauge Front Filler	70.25	5.70
10 51 13 00-0171	EA	6" Wide x 78" High, 16 Gauge Front Filler	50.60	5.70
10 51 13 00-0172	EA	12" Wide x 78" High, 16 Gauge Front Filler	59.02	5.70
10 51 13 00-0173		**Locker End Panels** *(10 51 13 00-0161)*		
10 51 13 00-0174	EA	12" Deep x 48" High, 16 Gauge End Panel	54.54	4.55
10 51 13 00-0175	EA	15" Deep x 48" High, 16 Gauge End Panel	66.66	4.55
10 51 13 00-0176	EA	18" Deep x 48" High, 16 Gauge End Panel	78.32	4.55
10 51 13 00-0177	EA	12" Deep x 60" High, 16 Gauge End Panel	64.46	4.55
10 51 13 00-0178	EA	15" Deep x 60" High, 16 Gauge End Panel	73.16	4.55
10 51 13 00-0179	EA	18" Deep x 60" High, 16 Gauge End Panel	86.84	4.55
10 51 13 00-0180	EA	12" Deep x 72" High, 16 Gauge End Panel	76.03	4.55
10 51 13 00-0181	EA	15" Deep x 72" High, 16 Gauge End Panel	86.61	4.55
10 51 13 00-0182	EA	18" Deep x 72" High, 16 Gauge End Panel	100.68	4.55
10 51 13 00-0183	EA	21" Deep x 72" High, 16 Gauge End Panel	115.96	4.55
10 51 13 00-0184		**Locker Recessed Trim** *(10 51 13 00-0105)*		
10 51 13 00-0185	LF	3" Height, Top Trim For Recessed Lockers	11.13	2.27
10 51 13 00-0186	EA	3" Height, Inside And Outside Top Corner Trim For Recessed Lockers	30.86	4.55
10 51 13 00-0187	EA	60" Height, 3" Wide Side Trim For Recessed Lockers	47.17	4.55
10 51 13 00-0188	EA	66" Height, 3" Wide Side Trim For Recessed Lockers	48.89	4.55
10 51 13 00-0189	EA	72" Height, 3" Wide Side Trim For Recessed Lockers	50.61	4.55
10 51 13 00-0190	EA	78" Height, 3" Wide Side Trim For Recessed Lockers	52.11	4.55
10 51 13 00-0191		**Locker Interior Accessories** *(10 51 13 00-0105)*		
10 51 13 00-0192		**Locker Coat Rods** *(10 51 13 00-0191)*		
10 51 13 00-0193	EA	12" Wide Coat Rod	16.51	4.55
10 51 13 00-0194	EA	15" Wide Coat Rod	18.11	4.55
10 51 13 00-0195	EA	18" Wide Coat Rod	19.53	4.55
10 51 13 00-0196	EA	24" Wide Coat Rod	20.79	4.55
10 51 13 00-0197		**Locker Hat Shelf** *(10 51 13 00-0191)*		
10 51 13 00-0198	EA	12" Wide Hat Shelf	19.88	4.55
10 51 13 00-0199	EA	15" Wide Hat Shelf	23.34	4.55
10 51 13 00-0200	EA	18" Wide Hat Shelf	24.81	4.55
10 51 13 00-0201	EA	24" Wide Hat Shelf	30.58	4.55
10 51 13 00-0202		**Locker ADA Compliant Shelf** *(10 51 13 00-0191)*		
10 51 13 00-0203	EA	ADA Compliant Shelf For Single Tier Lockers Note: Includes an ADA label for locker face.	39.41	5.70
10 51 13 00-0204		**Other Interior Locker Accessories** *(10 51 13 00-0191)*		
10 51 13 00-0205	EA	3" x 10" Bent Plate Shoe Rack	52.24	4.55
10 51 13 00-0206	EA	8" x 10" Mirror	41.46	4.55
10 51 13 00-0207	EA	Additional Hook	11.81	4.55
10 51 13 00-0208		**Locker Locks** *(10 51 13 00-0105)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0209	EA	Built In Combination Lock	45.49	4.55
10 51 13 00-0210		**Steel Basket Racks Mounted On Concrete Base** *(10 51 13)* Note: Includes electroplated baskets with 3/4" x 1" wire mesh sides and bottom with perforated sheet steel front and backs.		
10 51 13 00-0211	EA	9" x 13" x 8" Baskets, 28 Wire Mesh Baskets And Rack	2,133.44	85.37
10 51 13 00-0212	EA	12" x 13" x 8" Baskets, 21 Wire Mesh Baskets And Rack	1,823.36	85.37
10 51 13 00-0213		**All-Welded Steel Lockers** *(10 51 13)*		
10 51 13 00-0214		**All-Welded Steel Lockers** *(10 51 13 00-0213)* Note: Price per frame. Includes diamond perforated, standard louvered or solid doors and sides. Includes all-welded construction with 16 gauge solid top, bottom, and shelves, 14 gauge doors and 4" legs. Includes electrostatically applied enamel powder coat paint finish. Excludes slope top, base fillers, and locks.		
10 51 13 00-0215		**Single Tier, All-Welded Steel Lockers** *(10 51 13 00-0214)* Note: Includes one hat shelf, two single hooks and one double hook.		
10 51 13 00-0216	EA	12" x 12" x 48" Single Tier, All-Welded Steel Locker	189.32	19.92
		For >25 To 50, Deduct	*-8.04*	
		For >50 To 100, Deduct	*-16.51*	
		For >100, Deduct	*-24.98*	
10 51 13 00-0217	EA	12" x 15" x 48" Single Tier, All-Welded Steel Locker	198.81	19.92
		For >25 To 50, Deduct	*-8.52*	
		For >50 To 100, Deduct	*-17.46*	
		For >100, Deduct	*-26.41*	
10 51 13 00-0218	EA	12" x 18" x 48" Single Tier, All-Welded Steel Locker	207.96	19.92
		For >25 To 50, Deduct	*-8.98*	
		For >50 To 100, Deduct	*-18.38*	
		For >100, Deduct	*-27.78*	
10 51 13 00-0219	EA	12" x 12" x 60" Single Tier, All-Welded Steel Locker	197.16	19.92
		For >25 To 50, Deduct	*-8.44*	
		For >50 To 100, Deduct	*-17.30*	
		For >100, Deduct	*-26.16*	
10 51 13 00-0220	EA	12" x 15" x 60" Single Tier, All-Welded Steel Locker	206.30	19.92
		For >25 To 50, Deduct	*-8.89*	
		For >50 To 100, Deduct	*-18.21*	
		For >100, Deduct	*-27.53*	
10 51 13 00-0221	EA	12" x 18" x 60" Single Tier, All-Welded Steel Locker	215.44	19.92
		For >25 To 50, Deduct	*-9.35*	
		For >50 To 100, Deduct	*-19.12*	
		For >100, Deduct	*-28.90*	
10 51 13 00-0222	EA	12" x 12" x 72" Single Tier, All-Welded Steel Locker	208.46	21.91
		For >25 To 50, Deduct	*-8.86*	
		For >50 To 100, Deduct	*-18.18*	
		For >100, Deduct	*-27.51*	
10 51 13 00-0223	EA	12" x 15" x 72" Single Tier, All-Welded Steel Locker	216.92	21.91
		For >25 To 50, Deduct	*-9.28*	
		For >50 To 100, Deduct	*-19.03*	
		For >100, Deduct	*-28.78*	
10 51 13 00-0224	EA	12" x 18" x 72" Single Tier, All-Welded Steel Locker	226.06	21.91
		For >25 To 50, Deduct	*-9.74*	
		For >50 To 100, Deduct	*-19.94*	
		For >100, Deduct	*-30.15*	
10 51 13 00-0225	EA	15" x 15" x 72" Single Tier, All-Welded Steel Locker	234.61	21.91
		For >25 To 50, Deduct	*-10.17*	
		For >50 To 100, Deduct	*-20.80*	
		For >100, Deduct	*-31.43*	
10 51 13 00-0226	EA	15" x 18" x 72" Single Tier, All-Welded Steel Locker	241.66	21.91
		For >25 To 50, Deduct	*-10.52*	
		For >50 To 100, Deduct	*-21.50*	
		For >100, Deduct	*-32.49*	
10 51 13 00-0227	EA	18" x 18" x 72" Single Tier, All-Welded Steel Locker	251.37	21.91
		For >25 To 50, Deduct	*-11.00*	
		For >50 To 100, Deduct	*-22.48*	
		For >100, Deduct	*-33.95*	
10 51 13 00-0228	EA	18" x 21" x 72" Single Tier, All-Welded Steel Locker	262.30	21.91
		For >25 To 50, Deduct	*-11.55*	
		For >50 To 100, Deduct	*-23.57*	
		For >100, Deduct	*-35.59*	
10 51 13 00-0229	EA	24" x 24" x 72" Single Tier, All-Welded Steel Locker	426.92	21.91
		For >25 To 50, Deduct	*-19.78*	
		For >50 To 100, Deduct	*-40.03*	
		For >100, Deduct	*-60.28*	
10 51 13 00-0230		**Two Tier, All-Welded Steel Lockers** *(10 51 13 00-0214)* Note: Includes two single hooks and one double hook per tier.		
10 51 13 00-0231	EA	12" x 12" x 60" Two Tier, All-Welded Steel Locker	226.79	19.92
		For >25 To 50, Deduct	*-9.92*	
		For >50 To 100, Deduct	*-20.26*	
		For >100, Deduct	*-30.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0232	EA	12" x 15" x 60" Two Tier, All-Welded Steel Locker	230.99	19.92
		For >25 To 50, Deduct	*-10.13*	
		For >50 To 100, Deduct	*-20.68*	
		For >100, Deduct	*-31.23*	
10 51 13 00-0233	EA	12" x 18" x 60" Two Tier, All-Welded Steel Locker	242.25	19.92
		For >25 To 50, Deduct	*-10.69*	
		For >50 To 100, Deduct	*-21.81*	
		For >100, Deduct	*-32.92*	
10 51 13 00-0234	EA	12" x 12" x 72" Two Tier, All-Welded Steel Locker	236.64	21.91
		For >25 To 50, Deduct	*-10.27*	
		For >50 To 100, Deduct	*-21.00*	
		For >100, Deduct	*-31.74*	
10 51 13 00-0235	EA	12" x 15" x 72" Two Tier, All-Welded Steel Locker	252.16	21.91
		For >25 To 50, Deduct	*-11.04*	
		For >50 To 100, Deduct	*-22.55*	
		For >100, Deduct	*-34.07*	
10 51 13 00-0236	EA	12" x 18" x 72" Two Tier, All-Welded Steel Locker	260.62	21.91
		For >25 To 50, Deduct	*-11.47*	
		For >50 To 100, Deduct	*-23.40*	
		For >100, Deduct	*-35.34*	
10 51 13 00-0237	EA	15" x 15" x 72" Two Tier, All-Welded Steel Locker	272.68	21.91
		For >25 To 50, Deduct	*-12.07*	
		For >50 To 100, Deduct	*-24.61*	
		For >100, Deduct	*-37.14*	
10 51 13 00-0238	EA	15" x 18" x 72" Two Tier, All-Welded Steel Locker	278.36	21.91
		For >25 To 50, Deduct	*-12.35*	
		For >50 To 100, Deduct	*-25.17*	
		For >100, Deduct	*-38.00*	
10 51 13 00-0239	EA	18" x 18" x 72" Two Tier, All-Welded Steel Locker	294.72	21.91
		For >25 To 50, Deduct	*-13.17*	
		For >50 To 100, Deduct	*-26.81*	
		For >100, Deduct	*-40.45*	
10 51 13 00-0240	EA	18" x 21" x 72" Two Tier, All-Welded Steel Locker	307.39	21.91
		For >25 To 50, Deduct	*-13.80*	
		For >50 To 100, Deduct	*-28.08*	
		For >100, Deduct	*-42.35*	

10 51 13 00-0241 Three Tier, All-Welded Steel Lockers *(10 51 13 00-0214)*

Note: Includes two single hooks and one double hook per tier.

10 51 13 00-0242	EA	12" x 12" x 72" Three Tier, All-Welded Steel Locker	280.36	21.91
		For >25 To 50, Deduct	*-12.45*	
		For >50 To 100, Deduct	*-25.37*	
		For >100, Deduct	*-38.30*	
10 51 13 00-0243	EA	12" x 15" x 72" Three Tier, All-Welded Steel Locker	286.72	21.91
		For >25 To 50, Deduct	*-12.77*	
		For >50 To 100, Deduct	*-26.01*	
		For >100, Deduct	*-39.25*	
10 51 13 00-0244	EA	12" x 18" x 72" Three Tier, All-Welded Steel Locker	293.04	21.91
		For >25 To 50, Deduct	*-13.09*	
		For >50 To 100, Deduct	*-26.64*	
		For >100, Deduct	*-40.20*	
10 51 13 00-0245	EA	15" x 15" x 72" Three Tier, All-Welded Steel Locker	307.99	21.91
		For >25 To 50, Deduct	*-13.83*	
		For >50 To 100, Deduct	*-28.14*	
		For >100, Deduct	*-42.44*	
10 51 13 00-0246	EA	15" x 18" x 72" Three Tier, All-Welded Steel Locker	310.75	21.91
		For >25 To 50, Deduct	*-13.97*	
		For >50 To 100, Deduct	*-28.41*	
		For >100, Deduct	*-42.86*	

10 51 13 00-0247 Four Tier, All-Welded Steel Lockers *(10 51 13 00-0214)*

10 51 13 00-0248	EA	12" x 12" x 72" Four Tier, All-Welded Steel Locker	265.28	21.91
		For >25 To 50, Deduct	*-11.70*	
		For >50 To 100, Deduct	*-23.87*	
		For >100, Deduct	*-36.03*	
10 51 13 00-0249	EA	12" x 15" x 72" Four Tier, All-Welded Steel Locker	271.29	21.91
		For >25 To 50, Deduct	*-12.00*	
		For >50 To 100, Deduct	*-24.47*	
		For >100, Deduct	*-36.94*	
10 51 13 00-0250	EA	12" x 18" x 72" Four Tier, All-Welded Steel Locker	277.25	21.91
		For >25 To 50, Deduct	*-12.30*	
		For >50 To 100, Deduct	*-25.06*	
		For >100, Deduct	*-37.83*	
10 51 13 00-0251	EA	15" x 15" x 72" Four Tier, All-Welded Steel Locker	291.32	21.91
		For >25 To 50, Deduct	*-13.00*	
		For >50 To 100, Deduct	*-26.47*	
		For >100, Deduct	*-39.94*	
10 51 13 00-0252	EA	15" x 18" x 72" Four Tier, All-Welded Steel Locker	293.88	21.91
		For >25 To 50, Deduct	*-13.13*	
		For >50 To 100, Deduct	*-26.73*	
		For >100, Deduct	*-40.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0253		**Six Tier, All-Welded Steel Lockers** *(10 51 13 00-0214)*		
10 51 13 00-0254	EA	12" x 12" x 72" Six Tier, All-Welded Steel Locker	274.62	21.91
		For >25 To 50, Deduct	*-12.17*	
		For >50 To 100, Deduct	*-24.80*	
		For >100, Deduct	*-37.44*	
10 51 13 00-0255	EA	12" x 15" x 72" Six Tier, All-Welded Steel Locker	283.39	21.91
		For >25 To 50, Deduct	*-12.60*	
		For >50 To 100, Deduct	*-25.68*	
		For >100, Deduct	*-38.75*	
10 51 13 00-0256	EA	12" x 18" x 72" Six Tier, All-Welded Steel Locker	289.84	21.91
		For >25 To 50, Deduct	*-12.93*	
		For >50 To 100, Deduct	*-26.32*	
		For >100, Deduct	*-39.72*	
10 51 13 00-0257		**All Welded Locker Accessories** *(10 51 13 00-0213)*		
10 51 13 00-0258	EA	ADA Requirements For All Welded Lockers	131.84	
10 51 13 00-0259	EA	Solid Boxed End Panel For 12" Deep All Welded Lockers	212.53	4.55
10 51 13 00-0260	EA	Solid Boxed End Panel For 15" Deep All Welded Lockers	246.43	4.55
10 51 13 00-0261	EA	Recessed Trim For All Welded Lockers	149.74	4.55
10 51 13 00-0262	EA	Built In Combination Lock For All Welded Lockers	45.49	4.55
10 51 13 00-0263	EA	Pad Lock For All Welded Lockers	40.50	4.55
10 51 26		**Plastic Lockers** *(10 51)*		
10 51 26 00-0001		**Solid Plastic Lockers** *(10 51 26)*		
		Note: Price per frame. High-density polyethylene with homogeneous color throughout. Includes 1/2" door, 3/8" sides, tops, bottoms, rears and shelves. Excludes slope top, base, and locks.		
10 51 26 00-0002		**Single Tier Solid Plastic Lockers** *(10 51 26 00-0001)*		
		Note: Includes one double hook per tier.		
10 51 26 00-0003	EA	12" x 12" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)	648.17	35.28
		For >50 To 100, Deduct	*-57.76*	
		For >100, Deduct	*-88.76*	
10 51 26 00-0004	EA	12" x 15" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)	659.76	35.28
		For >50 To 100, Deduct	*-58.92*	
		For >100, Deduct	*-90.49*	
10 51 26 00-0005	EA	12" x 18" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)	671.35	35.28
		For >50 To 100, Deduct	*-60.08*	
		For >100, Deduct	*-92.23*	
10 51 26 00-0006	EA	15" x 15" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)	688.73	35.28
		For >50 To 100, Deduct	*-61.82*	
		For >100, Deduct	*-94.84*	
10 51 26 00-0007	EA	15" x 18" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)	670.35	35.28
		For >50 To 100, Deduct	*-59.98*	
		For >100, Deduct	*-92.08*	
10 51 26 00-0008	EA	18" x 12" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)	675.23	35.28
		For >50 To 100, Deduct	*-60.47*	
		For >100, Deduct	*-92.81*	
10 51 26 00-0009	EA	18" x 15" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)	666.65	35.28
		For >50 To 100, Deduct	*-59.61*	
		For >100, Deduct	*-91.53*	
10 51 26 00-0010	EA	18" x 18" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)	714.50	35.28
		For >50 To 100, Deduct	*-64.39*	
		For >100, Deduct	*-98.71*	
10 51 26 00-0011	EA	12" x 12" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®)	703.46	35.28
		For >50 To 100, Deduct	*-63.29*	
		For >100, Deduct	*-97.05*	
10 51 26 00-0012	EA	12" x 15" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®)	716.34	35.28
		For >50 To 100, Deduct	*-64.58*	
		For >100, Deduct	*-98.98*	
10 51 26 00-0013	EA	12" x 18" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®)	729.21	35.28
		For >50 To 100, Deduct	*-65.86*	
		For >100, Deduct	*-100.91*	
10 51 26 00-0014	EA	15" x 15" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®)	758.65	35.28
		For >50 To 100, Deduct	*-68.81*	
		For >100, Deduct	*-105.33*	
10 51 26 00-0015	EA	15" x 18" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®)	799.13	35.28
		For >50 To 100, Deduct	*-72.86*	
		For >100, Deduct	*-111.40*	
10 51 26 00-0016	EA	18" x 15" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®)	762.32	35.28
		For >50 To 100, Deduct	*-69.17*	
		For >100, Deduct	*-105.88*	
10 51 26 00-0017	EA	18" x 18" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®)	828.55	35.28
		For >50 To 100, Deduct	*-75.80*	
		For >100, Deduct	*-115.81*	
10 51 26 00-0018	EA	12" x 12" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®)	708.59	35.28
		For >50 To 100, Deduct	*-63.80*	
		For >100, Deduct	*-97.82*	
10 51 26 00-0019	EA	12" x 15" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®)	746.33	35.28
		For >50 To 100, Deduct	*-67.58*	
		For >100, Deduct	*-103.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 26 00-0020	EA	12" x 18" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®)	784.10	35.28
		For >50 To 100, Deduct	*-71.35*	
		For >100, Deduct	*-109.15*	
10 51 26 00-0021	EA	15" x 12" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®)	756.44	35.28
		For >50 To 100, Deduct	*-68.59*	
		For >100, Deduct	*-105.00*	
10 51 26 00-0022	EA	15" x 15" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®)	796.44	35.28
		For >50 To 100, Deduct	*-72.59*	
		For >100, Deduct	*-111.00*	
10 51 26 00-0023	EA	15" x 18" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®)	836.47	35.28
		For >50 To 100, Deduct	*-76.59*	
		For >100, Deduct	*-117.00*	
10 51 26 00-0024	EA	18" x 12" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®)	804.29	35.28
		For >50 To 100, Deduct	*-73.37*	
		For >100, Deduct	*-112.17*	
10 51 26 00-0025	EA	18" x 15" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®)	846.58	35.28
		For >50 To 100, Deduct	*-77.60*	
		For >100, Deduct	*-118.52*	
10 51 26 00-0026	EA	12" x 12" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	811.11	36.43
		For >50 To 100, Deduct	*-73.83*	
		For >100, Deduct	*-112.92*	
10 51 26 00-0027	EA	12" x 15" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	853.42	36.43
		For >50 To 100, Deduct	*-78.06*	
		For >100, Deduct	*-119.27*	
10 51 26 00-0028	EA	12" x 18" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	895.69	36.43
		For >50 To 100, Deduct	*-82.28*	
		For >100, Deduct	*-125.61*	
10 51 26 00-0029	EA	15" x 12" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	866.02	36.43
		For >50 To 100, Deduct	*-79.32*	
		For >100, Deduct	*-121.16*	
10 51 26 00-0030	EA	15" x 15" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	910.65	36.43
		For >50 To 100, Deduct	*-83.78*	
		For >100, Deduct	*-127.86*	
10 51 26 00-0031	EA	15" x 18" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	955.23	36.43
		For >50 To 100, Deduct	*-88.24*	
		For >100, Deduct	*-134.54*	
10 51 26 00-0032	EA	18" x 12" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	909.79	36.43
		For >50 To 100, Deduct	*-83.69*	
		For >100, Deduct	*-127.73*	
10 51 26 00-0033	EA	18" x 15" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	967.83	36.43
		For >50 To 100, Deduct	*-89.50*	
		For >100, Deduct	*-136.43*	
10 51 26 00-0034	EA	18" x 18" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	1,014.69	36.43
		For >50 To 100, Deduct	*-94.18*	
		For >100, Deduct	*-143.46*	

10 51 26 00-0035 Double Tier Solid Plastic Lockers *(10 51 26 00-0001)*

Note: Includes one double hook per tier.

10 51 26 00-0036	EA	12" x 12" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	727.81	36.43
		For >50 To 100, Deduct	*-65.50*	
		For >100, Deduct	*-100.43*	
10 51 26 00-0037	EA	12" x 15" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	738.85	36.43
		For >50 To 100, Deduct	*-66.60*	
		For >100, Deduct	*-102.09*	
10 51 26 00-0038	EA	12" x 18" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	755.39	36.43
		For >50 To 100, Deduct	*-68.25*	
		For >100, Deduct	*-104.57*	
10 51 26 00-0039	EA	15" x 12" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	749.88	36.43
		For >50 To 100, Deduct	*-67.70*	
		For >100, Deduct	*-103.74*	
10 51 26 00-0040	EA	15" x 15" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	779.33	36.43
		For >50 To 100, Deduct	*-70.65*	
		For >100, Deduct	*-108.16*	
10 51 26 00-0041	EA	15" x 18" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	849.22	36.43
		For >50 To 100, Deduct	*-77.64*	
		For >100, Deduct	*-118.64*	
10 51 26 00-0042	EA	18" x 12" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	757.25	36.43
		For >50 To 100, Deduct	*-68.44*	
		For >100, Deduct	*-104.85*	
10 51 26 00-0043	EA	18" x 15" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	792.85	36.43
		For >50 To 100, Deduct	*-72.00*	
		For >100, Deduct	*-110.19*	
10 51 26 00-0044	EA	18" x 18" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	856.59	36.43
		For >50 To 100, Deduct	*-78.37*	
		For >100, Deduct	*-119.75*	
10 51 26 00-0045	EA	12" x 12" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	753.13	36.43
		For >50 To 100, Deduct	*-68.03*	
		For >100, Deduct	*-104.23*	
10 51 26 00-0046	EA	12" x 15" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	810.76	36.43
		For >50 To 100, Deduct	*-73.79*	
		For >100, Deduct	*-112.87*	
10 51 26 00-0047	EA	12" x 18" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	827.22	36.43
		For >50 To 100, Deduct	*-75.44*	
		For >100, Deduct	*-115.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 26 00-0048	EA	15" x 12" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	820.39	36.43
		For >50 To 100, Deduct	*-74.75*	
		For >100, Deduct	*-114.32*	
10 51 26 00-0049	EA	15" x 15" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	858.58	36.43
		For >50 To 100, Deduct	*-78.57*	
		For >100, Deduct	*-120.05*	
10 51 26 00-0050	EA	18" x 12" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	866.05	36.43
		For >50 To 100, Deduct	*-79.32*	
		For >100, Deduct	*-121.17*	
10 51 26 00-0051	EA	18" x 15" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	906.43	36.43
		For >50 To 100, Deduct	*-83.36*	
		For >100, Deduct	*-127.22*	
10 51 26 00-0052	EA	18" x 18" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	946.81	36.43
		For >50 To 100, Deduct	*-87.40*	
		For >100, Deduct	*-133.28*	
10 51 26 00-0053	EA	12" x 12" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	872.68	37.57
		For >50 To 100, Deduct	*-79.76*	
		For >100, Deduct	*-121.89*	
10 51 26 00-0054	EA	12" x 15" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	913.06	37.57
		For >50 To 100, Deduct	*-83.79*	
		For >100, Deduct	*-127.94*	
10 51 26 00-0055	EA	12" x 18" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	934.10	37.57
		For >50 To 100, Deduct	*-85.90*	
		For >100, Deduct	*-131.10*	
10 51 26 00-0056	EA	15" x 12" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	925.10	37.57
		For >50 To 100, Deduct	*-85.00*	
		For >100, Deduct	*-129.75*	
10 51 26 00-0057	EA	15" x 15" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	967.69	37.57
		For >50 To 100, Deduct	*-89.26*	
		For >100, Deduct	*-136.14*	
10 51 26 00-0058	EA	15" x 18" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	1,010.26	37.57
		For >50 To 100, Deduct	*-93.51*	
		For >100, Deduct	*-142.52*	
10 51 26 00-0059	EA	18" x 12" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	932.72	37.57
		For >50 To 100, Deduct	*-85.76*	
		For >100, Deduct	*-130.89*	
10 51 26 00-0060	EA	18" x 15" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	1,022.28	37.57
		For >50 To 100, Deduct	*-94.72*	
		For >100, Deduct	*-144.33*	
10 51 26 00-0061	EA	18" x 18" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	1,067.01	37.57
		For >50 To 100, Deduct	*-99.19*	
		For >100, Deduct	*-151.04*	

10 51 26 00-0062 Triple Tier Solid Plastic Lockers *(10 51 26 00-0001)*

Note: Includes one double hook per tier.

10 51 26 00-0063	EA	12" x 12" x 48" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	716.28	37.57
		For >50 To 100, Deduct	*-64.12*	
		For >100, Deduct	*-98.43*	
10 51 26 00-0064	EA	15" x 15" x 48" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	746.58	37.57
		For >50 To 100, Deduct	*-67.15*	
		For >100, Deduct	*-102.97*	
10 51 26 00-0065	EA	15" x 18" x 48" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	774.37	37.57
		For >50 To 100, Deduct	*-69.92*	
		For >100, Deduct	*-107.14*	
10 51 26 00-0066	EA	12" x 12" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	779.75	37.57
		For >50 To 100, Deduct	*-70.46*	
		For >100, Deduct	*-107.95*	
10 51 26 00-0067	EA	12" x 15" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	844.49	37.57
		For >50 To 100, Deduct	*-76.94*	
		For >100, Deduct	*-117.66*	
10 51 26 00-0068	EA	12" x 18" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	844.79	37.57
		For >50 To 100, Deduct	*-76.97*	
		For >100, Deduct	*-117.70*	
10 51 26 00-0069	EA	15" x 12" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	880.12	37.57
		For >50 To 100, Deduct	*-80.50*	
		For >100, Deduct	*-123.00*	
10 51 26 00-0070	EA	15" x 15" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	915.60	37.57
		For >50 To 100, Deduct	*-84.05*	
		For >100, Deduct	*-128.32*	
10 51 26 00-0071	EA	15" x 18" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	951.05	37.57
		For >50 To 100, Deduct	*-87.59*	
		For >100, Deduct	*-133.64*	
10 51 26 00-0072	EA	18" x 12" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	922.53	37.57
		For >50 To 100, Deduct	*-84.74*	
		For >100, Deduct	*-129.36*	
10 51 26 00-0073	EA	18" x 15" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	960.02	37.57
		For >50 To 100, Deduct	*-88.49*	
		For >100, Deduct	*-134.99*	
10 51 26 00-0074	EA	18" x 18" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	997.51	37.57
		For >50 To 100, Deduct	*-92.24*	
		For >100, Deduct	*-140.61*	
10 51 26 00-0075	EA	12" x 12" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	928.84	38.71
		For >50 To 100, Deduct	*-85.14*	
		For >100, Deduct	*-130.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 26 00-0076	EA	12" x 15" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	966.35	38.71
		For >50 To 100, Deduct	*-88.89*	
		For >100, Deduct	*-135.66*	
10 51 26 00-0077	EA	12" x 18" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	992.68	38.71
		For >50 To 100, Deduct	*-91.53*	
		For >100, Deduct	*-139.61*	
10 51 26 00-0078	EA	15" x 12" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	977.51	38.71
		For >50 To 100, Deduct	*-90.01*	
		For >100, Deduct	*-137.34*	
10 51 26 00-0079	EA	15" x 15" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	989.41	38.71
		For >50 To 100, Deduct	*-91.20*	
		For >100, Deduct	*-139.12*	
10 51 26 00-0080	EA	15" x 18" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	1,032.25	38.71
		For >50 To 100, Deduct	*-95.48*	
		For >100, Deduct	*-145.55*	
10 51 26 00-0081	EA	18" x 12" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	960.49	38.71
		For >50 To 100, Deduct	*-88.31*	
		For >100, Deduct	*-134.78*	
10 51 26 00-0082	EA	18" x 15" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	1,047.61	38.71
		For >50 To 100, Deduct	*-97.02*	
		For >100, Deduct	*-147.85*	
10 51 26 00-0083	EA	18" x 18" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	1,109.29	38.71
		For >50 To 100, Deduct	*-103.19*	
		For >100, Deduct	*-157.10*	

10 51 26 00-0084 Four Tier Solid Plastic Lockers *(10 51 26 00-0001)*

10 51 26 00-0085	EA	12" x 12" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	833.54	38.71
		For >50 To 100, Deduct	*-75.61*	
		For >100, Deduct	*-115.74*	
10 51 26 00-0086	EA	12" x 15" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	858.13	38.71
		For >50 To 100, Deduct	*-78.07*	
		For >100, Deduct	*-119.43*	
10 51 26 00-0087	EA	12" x 18" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	903.47	38.71
		For >50 To 100, Deduct	*-82.61*	
		For >100, Deduct	*-126.23*	
10 51 26 00-0088	EA	15" x 12" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	897.94	38.71
		For >50 To 100, Deduct	*-82.05*	
		For >100, Deduct	*-125.40*	
10 51 26 00-0089	EA	15" x 15" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	956.67	38.71
		For >50 To 100, Deduct	*-87.93*	
		For >100, Deduct	*-134.21*	
10 51 26 00-0090	EA	15" x 18" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	975.20	38.71
		For >50 To 100, Deduct	*-89.78*	
		For >100, Deduct	*-136.99*	
10 51 26 00-0091	EA	18" x 12" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	966.00	38.71
		For >50 To 100, Deduct	*-88.86*	
		For >100, Deduct	*-135.61*	
10 51 26 00-0092	EA	18" x 15" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	997.28	38.71
		For >50 To 100, Deduct	*-91.99*	
		For >100, Deduct	*-140.30*	
10 51 26 00-0093	EA	18" x 18" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	1,087.44	38.71
		For >50 To 100, Deduct	*-101.00*	
		For >100, Deduct	*-153.83*	
10 51 26 00-0094	EA	12" x 12" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	960.84	39.84
		For >50 To 100, Deduct	*-88.12*	
		For >100, Deduct	*-134.56*	
10 51 26 00-0095	EA	12" x 15" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	1,004.44	39.84
		For >50 To 100, Deduct	*-92.48*	
		For >100, Deduct	*-141.10*	
10 51 26 00-0096	EA	12" x 18" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	1,010.12	39.84
		For >50 To 100, Deduct	*-93.04*	
		For >100, Deduct	*-141.96*	
10 51 26 00-0097	EA	15" x 12" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	1,065.06	39.84
		For >50 To 100, Deduct	*-98.54*	
		For >100, Deduct	*-150.20*	
10 51 26 00-0098	EA	15" x 15" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	1,014.22	39.84
		For >50 To 100, Deduct	*-93.45*	
		For >100, Deduct	*-142.57*	
10 51 26 00-0099	EA	15" x 18" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	1,060.28	39.84
		For >50 To 100, Deduct	*-98.06*	
		For >100, Deduct	*-149.48*	
10 51 26 00-0100	EA	18" x 12" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	1,012.46	39.84
		For >50 To 100, Deduct	*-93.28*	
		For >100, Deduct	*-142.31*	
10 51 26 00-0101	EA	18" x 15" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	1,067.65	39.84
		For >50 To 100, Deduct	*-98.80*	
		For >100, Deduct	*-150.58*	
10 51 26 00-0102	EA	18" x 18" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	1,150.34	39.84
		For >50 To 100, Deduct	*-107.07*	
		For >100, Deduct	*-162.99*	

10 51 26 00-0103 Five Tier Solid Plastic Lockers *(10 51 26 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 26 00-0104	EA	12" x 12" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	907.25	39.27
		For >50 To 100, Deduct	*-82.87*	
		For >100, Deduct	*-126.66*	
10 51 26 00-0105	EA	12" x 15" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	937.70	39.27
		For >50 To 100, Deduct	*-85.92*	
		For >100, Deduct	*-131.23*	
10 51 26 00-0106	EA	12" x 18" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	968.15	39.27
		For >50 To 100, Deduct	*-88.96*	
		For >100, Deduct	*-135.80*	
10 51 26 00-0107	EA	15" x 12" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	948.76	39.27
		For >50 To 100, Deduct	*-87.02*	
		For >100, Deduct	*-132.89*	
10 51 26 00-0108	EA	15" x 15" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	1,003.30	39.27
		For >50 To 100, Deduct	*-92.48*	
		For >100, Deduct	*-141.07*	
10 51 26 00-0109	EA	15" x 18" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	1,029.70	39.27
		For >50 To 100, Deduct	*-95.12*	
		For >100, Deduct	*-145.03*	
10 51 26 00-0110	EA	18" x 12" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	1,020.49	39.27
		For >50 To 100, Deduct	*-94.19*	
		For >100, Deduct	*-143.65*	
10 51 26 00-0111	EA	18" x 15" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	1,049.94	39.27
		For >50 To 100, Deduct	*-97.14*	
		For >100, Deduct	*-148.07*	
10 51 26 00-0112	EA	18" x 18" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	1,145.61	39.27
		For >50 To 100, Deduct	*-106.71*	
		For >100, Deduct	*-162.42*	
10 51 26 00-0113	EA	12" x 12" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	990.38	40.41
		For >50 To 100, Deduct	*-90.96*	
		For >100, Deduct	*-138.86*	
10 51 26 00-0114	EA	12" x 15" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	1,024.52	40.41
		For >50 To 100, Deduct	*-94.37*	
		For >100, Deduct	*-143.98*	
10 51 26 00-0115	EA	12" x 18" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	1,058.64	40.41
		For >50 To 100, Deduct	*-97.78*	
		For >100, Deduct	*-149.10*	
10 51 26 00-0116	EA	15" x 12" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	1,046.70	40.41
		For >50 To 100, Deduct	*-96.59*	
		For >100, Deduct	*-147.31*	
10 51 26 00-0117	EA	15" x 15" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	1,070.71	40.41
		For >50 To 100, Deduct	*-98.99*	
		For >100, Deduct	*-150.91*	
10 51 26 00-0118	EA	15" x 18" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	1,106.67	40.41
		For >50 To 100, Deduct	*-102.59*	
		For >100, Deduct	*-156.30*	
10 51 26 00-0119	EA	18" x 12" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	1,079.03	40.41
		For >50 To 100, Deduct	*-99.82*	
		For >100, Deduct	*-152.16*	
10 51 26 00-0120	EA	18" x 15" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	1,120.27	40.41
		For >50 To 100, Deduct	*-103.95*	
		For >100, Deduct	*-158.34*	
10 51 26 00-0121	EA	18" x 18" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	1,168.12	40.41
		For >50 To 100, Deduct	*-108.73*	
		For >100, Deduct	*-165.52*	

10 51 26 00-0122 Six Tier Solid Plastic Lockers *(10 51 26 00-0001)*

10 51 26 00-0123	EA	15" x 12" x 60" Six Tier Solid Plastic Locker (Tufftec Lockers®)	1,047.53	39.84
		For >50 To 100, Deduct	*-96.78*	
		For >100, Deduct	*-147.57*	
10 51 26 00-0124	EA	12" x 12" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	1,027.55	40.98
		For >50 To 100, Deduct	*-94.56*	
		For >100, Deduct	*-144.30*	
10 51 26 00-0125	EA	12" x 15" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	1,061.64	40.98
		For >50 To 100, Deduct	*-97.97*	
		For >100, Deduct	*-149.41*	
10 51 26 00-0126	EA	12" x 18" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	1,084.40	40.98
		For >50 To 100, Deduct	*-100.24*	
		For >100, Deduct	*-152.82*	
10 51 26 00-0127	EA	15" x 12" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	1,129.86	40.98
		For >50 To 100, Deduct	*-104.79*	
		For >100, Deduct	*-159.64*	
10 51 26 00-0128	EA	15" x 15" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	1,143.13	40.98
		For >50 To 100, Deduct	*-106.12*	
		For >100, Deduct	*-161.63*	
10 51 26 00-0129	EA	15" x 18" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	1,152.61	40.98
		For >50 To 100, Deduct	*-107.07*	
		For >100, Deduct	*-163.06*	
10 51 26 00-0130	EA	18" x 12" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	1,156.38	40.98
		For >50 To 100, Deduct	*-107.44*	
		For >100, Deduct	*-163.62*	
10 51 26 00-0131	EA	18" x 15" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	1,198.07	40.98
		For >50 To 100, Deduct	*-111.61*	
		For >100, Deduct	*-169.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 26 00-0132	EA	18" x 18" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	1,253.03	40.98
		For >50 To 100, Deduct	*-117.11*	
		For >100, Deduct	*-178.12*	

10 51 26 00-0133 Solid Plastic Locker Accessories *(10 51 26 00-0001)*

10 51 26 00-0134 Slope Tops For Solid Plastic Lockers *(10 51 26 00-0133)*

Note: Price per frame.

10 51 26 00-0135	EA	Slope Top For Solid Plastic Lockers (Tufftec Lockers®)	48.48	

10 51 26 00-0136 Recessed Bases For Solid Plastic Lockers *(10 51 26 00-0133)*

Note: Price per frame.

10 51 26 00-0137	EA	Recessed Base For Solid Plastic Lockers (Tufftec Lockers®)	53.39	

10 51 26 00-0138 End Panels For Solid Plastic Lockers *(10 51 26 00-0133)*

Note: Price per frame.

10 51 26 00-0139	EA	End Panel For Solid Plastic Lockers (Tufftec Lockers®)	124.74	

10 51 26 00-0140 Venting Options For Solid Plastic Locker Doors *(10 51 26 00-0133)*

Note: Price per frame.

10 51 26 00-0141	EA	Horizontal Venting Option For Solid Plastic Locker Doors	49.21	

10 51 26 00-0142 Filler Panels For Solid Plastic Lockers *(10 51 26 00-0133)*

10 51 26 00-0143	EA	Up To 6" Width, Filler Panel For Solid Plastic Lockers (Tufftec Lockers®) Note: Full locker height. Width and height cut to size in the field.	126.87	

10 51 26 00-0144 Locker Accessories For Solid Plastic Lockers *(10 51 26 00-0133)*

10 51 26 00-0145	EA	Built In Hasp For Solid Plastic Lockers Note: For removable padlocks. Excludes padlock.	12.30	
10 51 26 00-0146	EA	Built In Combination Lock For Solid Plastic Lockers	36.91	
10 51 26 00-0147	EA	Built In Key Lock For Solid Plastic Lockers	49.21	

10 51 53 Locker Room Benches *(10 51)*

10 51 53 00-0001	LF	9-1/2" Wide Top, 17" To 19" Height, Hardwood Bench With Aluminum Pedestals	116.44	5.70
10 51 53 00-0002	LF	9-1/2" Wide Top, 17" To 19" Height, Hardwood Bench With Painted Steel Pedestals	92.63	5.70
10 51 53 00-0003	LF	9-1/2" Wide Top, 17" To 19" Height, Plastic Laminated Bench With Steel Pedestals	142.31	5.70
10 51 53 00-0004	LF	9-1/2" Wide Top, 17" To 19" Height, Solid Plastic Bench With Steel Pedestals	135.93	5.70
10 51 53 00-0005	LF	9-1/2" Wide Top, 17" To 19" Height, Aluminum Bench With Aluminum Pedestals	105.26	5.70

10 55 Postal Specialties *(10 50)*

10 55 23 Mail Boxes *(10 55)*

10 55 23 26 Commercial Mail Boxes *(10 55 23)*

10 55 23 26-0001 Commercial Letter Boxes *(10 55 23 26)*

Note: Includes locks and keys unless provided by the United States Postal Service.

10 55 23 26-0002	EA	15" Wide x 19" High x 7-1/2" Deep, US Postal Service Approved, Surface Mount, Aluminum Letter Box (Salsbury 2240AU)	416.86	17.08
10 55 23 26-0003	EA	15" Wide x 19" High x 6-3/4" Deep, Private Use/Access, Recessed Mount, Aluminum Letter Box (Salsbury 2245AP)	482.47	17.08

10 55 23 26-0004 Commercial Horizontal Mail Boxes *(10 55 23 26)*

Note: Includes locks and keys unless provided by the United States Postal Service.

10 55 23 26-0005	BOX	5-1/2" Wide x 5-1/2" High x 15-1/2" Deep, Private Use/Access, Wall Mount, Aluminum Horizontal Mail Boxes, Per Box	81.88	17.08
10 55 23 26-0006	BOX	10-3/4" Wide x 5-1/2" High x 15-1/2" Deep, Private Use/Access, Wall Mount, Aluminum Horizontal Mail Boxes, Per Box	175.76	22.76
10 55 23 26-0007	BOX	6-3/8" Wide x 5" High x 17" Deep, US Postal Service Approved, Wall Mount, Aluminum Horizontal Mail Boxes, Per Box	106.23	14.23
10 55 23 26-0008	BOX	12-7/8" Wide x 5" High x 17" Deep, US Postal Service Approved, Wall Mount, Aluminum Horizontal Mail Boxes, Per Box	164.99	22.76

10 55 23 26-0009 Commercial Cluster Mail Boxes *(10 55 23 26)*

Note: Includes locks and keys unless provided by the United States Postal Service. Includes pedestal. Excludes concrete foundation.

10 55 23 26-0010	EA	13-15/16 Wide" x 24-1/8" High x 15" Deep, Pedestal Mount, Aluminum (NDCBU) Neighborhood Delivery And Collection Mail Box (National Mailboxes H8MNDCBU5) Note: Any door combination.	2,151.36	34.15
10 55 23 26-0011	EA	26-15/16" Wide x 24-1/8" High x 15" Deep, Pedestal Mount, Aluminum (NDCBU) Neighborhood Delivery And Collection Mail Box (National Mailboxes H16MNDCBU8) Note: Any door combination.	2,548.10	45.53

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 55 23 26-0012	EA	30-1/2" Wide x 62" High x 17-7/8" Deep, 8 Tenant Doors, 2 Parcel Lockers, Pedestal Mount, Aluminum And Stainless Steel Construction, (CBU) Cluster Mail Box (AF Florence Vital 1570-8)	3,407.70	45.53
10 55 23 26-0013	EA	30-1/2" Wide x 62" High x 17-7/8" Deep, 12 Tenant Doors, 1 Parcel Locker, Pedestal Mount, Aluminum And Stainless Steel Construction, (CBU) Cluster Mail Box (AF Florence Vital 1570-12)	3,517.05	45.53
10 55 23 26-0014	EA	30-1/2" Wide x 62" High x 17-7/8" Deep, 16 Tenant Doors, 2 Parcel Lockers, Pedestal Mount, Aluminum And Stainless Steel Construction, (CBU) Cluster Mail Box (AF Florence Vital 1570-16)	3,681.07	45.53

10 55 23 26-0015 Commercial 4C Mail Boxes *(10 55 23 26)*

Note: Includes locks and keys unless provided by the United States Postal Service.

10 55 23 26-0016	EA	31-9/16" Wide x 40-3/4" High x 17" Deep, 9 Doors, Recessed Wall Mount, Aluminum 4C Mail Box (AF Florence 4C11S-09)	1,844.04	45.53
10 55 23 26-0017	EA	31-9/16" Wide x 40-3/4" High x 17" Deep, 15 Doors, 1 Parcel Locker, Recessed Wall Mount, Aluminum 4C Mail Box (AF Florence 4C11D-15)	3,252.64	45.53
10 55 23 26-0018	EA	31-9/16" Wide x 40-3/4" High x 17" Deep, 19 Doors, Recessed Wall Mount, Aluminum 4C Mail Box (AF Florence 4C11D-19)	3,383.86	45.53

10 55 26 Parcel Lockers *(10 55)*

10 55 26 00-0001 Parcel Lockers *(10 55 26)*

10 55 26 00-0002	EA	24" x 14" x 15" Deep, Aluminum Pedestal Mounted Parcel Locker Note: Two compartments.	1,598.14	34.15
10 55 26 00-0003	EA	48" x 16" x 18" Deep, Aluminum Pedestal Mounted Parcel Locker Note: Two compartments.	1,899.28	45.53

10 56 Storage Assemblies *(10 50)*

10 56 13 Metal Storage Shelving *(10 56)*

10 56 13 13 End-Panel-Support Metal Storage Shelving *(10 56 13)*

10 56 13 13-0001 Residential Wire Shelving *(10 56 13 13)*

Note: Includes brackets and hardware.

10 56 13 13-0002	LF	12" Deep, Wire Shelving For Closets	32.14	9.22
10 56 13 13-0003	LF	16" Deep, Wire Shelving For Closets	35.59	9.22
10 56 13 13-0004	LF	20" Deep, Wire Shelving For Closets	39.03	9.22

10 56 16 Fabricated Wood Storage Shelving *(10 56)*

10 56 16 00-0001 Shelving *(10 56 16)*

10 56 16 00-0002 Built-In Wood Shelving *(10 56 16 00-0001)*

Note: Priced by shelf area. Includes hardware and trim.

10 56 16 00-0003	SF	Built-in Wood Storage Shelving Post And Trimmed Plywood	22.73	2.87
		For Each SF Of Lumber Edge Band, Add	*0.69*	
		For Each SF Of Prefinished Shelves, Add	*2.32*	
10 56 16 00-0004	SF	Built-in Wood Storage Shelving Post And Solid Clear Pine	24.49	3.44
		For Each SF Of Lumber Edge Band, Add	*0.69*	
		For Each SF Of Prefinished Shelves, Add	*2.32*	
10 56 16 00-0005	SF	Built-in Wood Storage Shelving Closet Shelf Of Pine With Rod	24.83	5.75
		For Each SF Of Lumber Edge Band, Add	*0.69*	
		For Each SF Of Prefinished Shelves, Add	*2.32*	

10 56 16 00-0006 Wood Shelving, White Pine, Clear Grade, Wall Mounted *(10 56 16 00-0001)*

10 56 16 00-0007	LF	1" x 8" White Pine Clear Grade Wood Shelving	18.71	6.89
10 56 16 00-0008	LF	1" x 10" White Pine Clear Grade Wood Shelving	20.60	7.35
10 56 16 00-0009	LF	1" x 12" White Pine Clear Grade Wood Shelving	22.71	7.92
10 56 16 00-0010	SF	Wood Shelving, 2" White Pine Clear Grade	29.80	

10 56 16 00-0011 Plywood Shelf With Edge Band *(10 56 16 00-0001)*

10 56 16 00-0012	LF	12" Wide, 3/4" Plywood Shelf With Edge Band	23.19	6.89
10 56 16 00-0013	LF	24" Wide, 3/4" Plywood Shelf With Edge Band	36.60	8.61

10 56 16 00-0014 Adjustable Shelf And Rod *(10 56 16 00-0001)*

10 56 16 00-0015	EA	12" Wide Adjustable Shelf, 3' To 6' Long Note: Including Rod	213.09	25.84
10 56 16 00-0016	EA	12" Wide Adjustable Shelf, 5' To 8' Long Note: Including Rod	250.54	34.45

10 56 16 00-0017 Prefinished Wood Shelves With Brackets And Supports *(10 56 16 00-0001)*

10 56 16 00-0018	LF	Prefinished Wood Shelves, 8" Wide, With Brackets And Supports	19.90	6.89
10 56 16 00-0019	LF	Prefinished Wood Shelves, 10" Wide, With Brackets And Supports	21.68	7.35
10 56 16 00-0020	SF	Adjustable 3/4" Plastic Laminated Wood Shelves, Recessed Metal Standards	69.84	11.48

10 56 16 00-0021 Wood Shelving, Oak, Clear Grade, Wall Mounted *(10 56 16 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 56 16 00-0022	LF	Wood Shelving, 1" X 8" Oak Clear Grade	22.68	10.79

10 70 Exterior Specialties *(10)*

10 73 Protective Covers *(10 70)*

10 73 13 Awnings *(10 73)*

10 73 13 13 Metal Awnings *(10 73 13)*

10 73 13 13-0001 Metal Awnings *(10 73 13 13)*

Note: Includes metal cover, frame supports and anchoring.

10 73 13 13-0002	SF	Clear Weather Resistant Finish, Ribbed Aluminum Window Awnings	79.32	9.54
10 73 13 13-0003	SF	Baked Enamel Finish, Ribbed Aluminum Window Awning	70.16	8.55
10 73 13 13-0004	SF	Flat Roofed Steel Awning Note: Per SF of covered area	237.13	9.91
10 73 13 13-0005	SF	Arched Roofed Steel Awning (Per SF Of Covered Area)	244.72	11.15

10 73 13 23 Fabric Awnings *(10 73 13)*

10 73 13 23-0001 Canvas Awnings *(10 73 13 23)*

Note: Includes minimum 12 oz. canvas, frame supports and anchoring.

10 73 13 23-0002	SF	Canvas Awning, Waterproof Fabric Tubular Metal Framing	76.19	7.84
10 73 13 23-0003	SF	Side Protection Canvas For Walkways (Per SF Of Wall Area)	43.67	2.53
10 73 13 23-0004	SF	Removal And Replacement Of Canvas For Awnings Note: Includes removal of existing canvas cover.	28.70	
		For 18 Oz. Vinyl Laminated Polyester Cover, Add	*0.98*	

10 73 16 Canopies *(10 73)*

10 73 16 13 Metal Canopies *(10 73 16)*

10 73 16 13-0001 Canopies, Wall Hung, Aluminum Framed And Covered, Prefinished *(10 73 16 13)*

Note: Includes cover, frame supports and anchoring.

10 73 16 13-0002	EA	8' x 10' Canopy, Aluminum, Wall Hung	7,210.85	525.13
10 73 16 13-0003	EA	8' x 20' Canopy, Aluminum, Wall Hung	13,387.08	840.41
10 73 16 13-0004	EA	10' x 10' Canopy, Aluminum, Wall Hung	8,875.87	657.05
10 73 16 13-0005	EA	10' x 20' Canopy, Aluminum, Wall Hung	16,300.14	878.61

10 73 26 Walkway Coverings *(10 73)*

Note: Pre-engineered includes all framing and steel supports, integral gutter system. Excludes foundations.

10 73 26 13 Metal Walkway Coverings *(10 73 26)*

10 73 26 13-0001 Steel Walkway/Parking Covers *(10 73 26 13)*

Note: Factory applied polyester finish.

10 73 26 13-0002	SF	Flat Roofed Steel Walkway/Parking Cover Note: Includes factory applied polyester finish.	117.00	7.66
		For Snow Load (30 PSF), Add	*40.67*	
		For Wind Load (140 MPH), Add	*50.84*	
10 73 26 13-0003	SF	Arch Roofed Steel Walkway/Parking Cover Note: Includes factory applied polyester finish.	124.54	8.26
		For Snow Load (30 PSF), Add	*43.22*	
		For Wind Load (140 MPH), Add	*54.02*	

10 73 26 13-0004 Aluminum Walkway/Parking Covers *(10 73 26 13)*

10 73 26 13-0005	SF	Flat Roofed Aluminum Walkway/Parking Cover Note: Includes factory applied polyester finish.	69.74	7.66
		For Snow Load (30 PSF), Add	*21.77*	
		For Wind Load (140 MPH), Add	*27.21*	
10 73 26 13-0006	SF	Arch Roofed Aluminum Walkway/Parking Cover Note: Includes factory applied polyester finish.	75.86	8.26
		For Snow Load (30 PSF), Add	*23.74*	
		For Wind Load (140 MPH), Add	*29.68*	

10 75 Flagpoles *(10 70)*

Note: Metal bases are installed in a concrete base and fully rigged. Heights indicated are from ground to top of installed flag pole. Uninstalled lengths are longer. Includes top ball (color and material similar to pole), cleats and cleat cover, all caulking and sealants, and hoisting into place. Excludes excavation and concrete. See CSI section 10 75 16 00-0012 for bases.

10 75 16 Ground-Set Flagpoles *(10 75)*

10 75 16 00-0001 Free Standing Tapered Aluminum Flagpoles *(10 75 16)*

Note: Heavy-duty. Excludes base or foundation See CSI section 10 75 16 00-0012 for concrete base.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 75 16 00-0002	EA	20' Exposed Height, Tapered Satin Aluminum Flagpole Note: 5" butt diameter, 3" top diameter and 0.188" wall.	2,974.23	823.85
		For Internal Halyard, Winch System, Add	*570.00*	
		For Clear Anodized Finish, Add	*150.00*	
		For Bronze Anodized Finish, Add	*180.00*	
		For Black Anodized Finish, Add	*230.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0003	EA	25' Exposed Height, Tapered Satin Aluminum Flagpole Note: 5-1/2" butt diameter, 3-1/2" top diameter and 0.188" wall.	3,517.13	906.23
		For Internal Halyard, Winch System, Add	*1,100.00*	
		For Clear Anodized Finish, Add	*200.00*	
		For Bronze Anodized Finish, Add	*230.00*	
		For Black Anodized Finish, Add	*320.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0004	EA	30' Exposed Height, Tapered Satin Aluminum Flagpole Note: 6" butt diameter, 3-1/2" top diameter and 0.188" wall.	3,898.54	988.62
		For Internal Halyard, Winch System, Add	*1,390.00*	
		For Clear Anodized Finish, Add	*300.00*	
		For Bronze Anodized Finish, Add	*375.00*	
		For Black Anodized Finish, Add	*450.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0005	EA	35' Exposed Height, Tapered Satin Aluminum Flagpole Note: 7" butt diameter, 3-1/2" top diameter and 0.188" wall.	4,919.75	1,153.37
		For Internal Halyard, Winch System, Add	*1,340.00*	
		For Clear Anodized Finish, Add	*290.00*	
		For Bronze Anodized Finish, Add	*360.00*	
		For Black Anodized Finish, Add	*480.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0006	EA	40' Exposed Height, Tapered Satin Aluminum Flagpole Note: 8" butt diameter, 3-1/2" top diameter and 0.188" wall.	6,048.62	1,318.14
		For Internal Halyard, Winch System, Add	*1,490.00*	
		For Clear Anodized Finish, Add	*390.00*	
		For Bronze Anodized Finish, Add	*480.00*	
		For Black Anodized Finish, Add	*660.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0007	EA	45' Exposed Height, Tapered Satin Aluminum Flagpole Note: 8" butt diameter, 3-1/2" top diameter and 0.188" wall.	6,677.66	1,400.53
		For Internal Halyard, Winch System, Add	*1,340.00*	
		For Clear Anodized Finish, Add	*400.00*	
		For Bronze Anodized Finish, Add	*500.00*	
		For Black Anodized Finish, Add	*700.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0008	EA	50' Exposed Height, Tapered Satin Aluminum Flagpole Note: 10" butt diameter, 4" top diameter and 0.188" wall.	8,308.00	1,482.91
		For Internal Halyard, Winch System, Add	*1,380.00*	
		For Clear Anodized Finish, Add	*700.00*	
		For Bronze Anodized Finish, Add	*860.00*	
		For Black Anodized Finish, Add	*1,130.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0009	EA	60' Exposed Height, Tapered Satin Aluminum Flagpole Note: 12" butt diameter, 4" top diameter and 0.250" wall.	13,969.71	1,647.68
		For Internal Halyard, Winch System, Add	*1,800.00*	
		For Clear Anodized Finish, Add	*620.00*	
		For Bronze Anodized Finish, Add	*820.00*	
		For Black Anodized Finish, Add	*1,160.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0010	EA	70' Exposed Height, Tapered Satin Aluminum Flagpole Note: 12" butt diameter, 4" top diameter and 0.250" wall.	15,292.39	1,812.45
		For Internal Halyard, Winch System, Add	*1,720.00*	
		For Clear Anodized Finish, Add	*710.00*	
		For Bronze Anodized Finish, Add	*950.00*	
		For Black Anodized Finish, Add	*1,360.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0011	EA	80' Exposed Height, Tapered Satin Aluminum Flagpole Note: 12" butt diameter, 4" top diameter and 0.375" wall.	19,037.60	1,977.22
		For Internal Halyard, Winch System, Add	*2,600.00*	
		For Clear Anodized Finish, Add	*1,100.00*	
		For Bronze Anodized Finish, Add	*1,380.00*	
		For Black Anodized Finish, Add	*1,840.00*	
		For Rope Lock Box, Add	*96.00*	

10 75 16 00-0012 Flagpole Bases *(10 75 16)*

10 75 16 00-0013 Flagpole Concrete Base *(10 75 16 00-0012)*

Note: Includes excavation, forms where necessary, steel casing and reinforcing, metal collar installation, base plate, sand fill, ground spike, concrete and finishing of concrete.

10 75 16 00-0014	EA	30' Or Less Flagpole, Poured Concrete Foundation	1,809.75
10 75 16 00-0015	EA	35' Flagpole, Poured Concrete Foundation	1,871.67
10 75 16 00-0016	EA	40' Flagpole, Poured Concrete Foundation	2,148.83
10 75 16 00-0017	EA	45' Flagpole, Poured Concrete Foundation	2,273.88
10 75 16 00-0018	EA	50' Flagpole, Poured Concrete Foundation	2,729.03
10 75 16 00-0019	EA	60' Flagpole, Poured Concrete Foundation	3,306.12
10 75 16 00-0020	EA	70' Flagpole, Poured Concrete Foundation	3,914.59
10 75 16 00-0021	EA	80' Flagpole, Poured Concrete Foundation	4,552.26
10 75 16 00-0022	EA	90' To 100' Flagpole, Poured Concrete Foundation	5,308.52

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 75 16 00-0023		Direct Embedded Flagpole Base *(10 75 16 00-0012)*		
		Note: Augured in place, no concrete required.		
10 75 16 00-0024	EA	20' To 25' Flagpole, Direct Embedded Pole Base	810.97	
10 75 16 00-0025	EA	30' To 40' Flagpole, Direct Embedded Pole Base	1,163.56	
10 75 16 00-0026	EA	45' To 55' Flagpole, Direct Embedded Pole Base	1,300.13	
10 75 16 00-0027	EA	60' To 70' Flagpole, Direct Embedded Pole Base	1,462.49	
10 75 16 00-0028		Flagpole Accessories *(10 75 16)*		
10 75 16 00-0029		Flagpole Tops *(10 75 16 00-0028)*		
		Note: To be used on renovation of existing flagpole. Do not use in conjunction with installation of new flagpoles.		
10 75 16 00-0030	EA	4" Gold Anodized Aluminum Ball For Top Of Flagpole	126.94	48.40
10 75 16 00-0031	EA	5" Gold Anodized Aluminum Ball For Top Of Flagpole	138.02	51.25
10 75 16 00-0032	EA	6" Gold Anodized Aluminum Ball For Top Of Flagpole	153.40	54.10
10 75 16 00-0033	EA	8" Gold Anodized Aluminum Ball For Top Of Flagpole	195.71	56.94
10 75 16 00-0034	EA	10" Gold Anodized Aluminum Ball For Top Of Flagpole	253.08	59.78
10 75 16 00-0035	EA	12" Gold Anodized Aluminum Ball For Top Of Flagpole	281.39	62.63
10 75 16 00-0036	EA	11-1/4" Aluminum Flying Eagle Mounted On A Spindle For Flagpole Top, Gold Finish	258.78	62.63
10 75 16 00-0037	EA	15" Aluminum Flying Eagle Mounted On A Spindle For Flagpole Top, Gold Finish	300.62	71.17
10 75 16 00-0038		Flagpole Accessories *(10 75 16 00-0028)*		
		Note: To be used on renovation of existing flagpole. Do not use in conjunction with installation of new flagpoles.		
10 75 16 00-0039	LF	5/16" Diameter, Nylon Halyard (Rope) With Wire Center For Flagpoles	1.44	0.08
10 75 16 00-0040	LF	5/16" Diameter, Solid Braided Multifilament Polypropylene Halyard (Rope) For Flagpoles	0.71	0.08
10 75 16 00-0041	LF	5/16" Diameter, Nylon Halyard (Rope) For Flagpoles	0.54	0.08
10 75 16 00-0042	LF	3/8" Diameter, Nylon Halyard (Rope) With Wire Center For Flagpoles	1.94	0.08
10 75 16 00-0043	EA	Refinish Existing Flagpole Ball	415.01	142.29
10 75 16 00-0044	EA	Locking Aluminum Cleat Box For Flagpoles	304.32	85.37
10 75 16 00-0045	EA	Aluminum Cleat For Flagpoles	25.05	5.70
10 75 16 00-0046	LF	1/8" Diameter, 7x7 Galvanized Wire Rope For Flagpoles	0.83	0.12
10 75 23		**Wall-Mounted Flagpoles *(10 75)***		
10 75 23 00-0001		Vertical, Wall/Roof Mounted Tapered Aluminum Flagpoles *(10 75 23)*		
		Note: Includes aluminum brackets, 3" butt diameter and 0.125" wall.		
10 75 23 00-0002	EA	14' Height, Vertical Wall/Roof Mounted Tapered Aluminum Flagpole	2,059.05	722.66
		For Rope Lock Box, Add	*96.00*	
10 75 23 00-0003	EA	17' Height, Vertical Wall/Roof Mounted Tapered Aluminum Flagpole	2,235.88	794.93
		For Rope Lock Box, Add	*96.00*	
10 75 23 00-0004	EA	20' Height, Vertical Wall/Roof Mounted Tapered Aluminum Flagpole	2,423.49	867.20
		For Rope Lock Box, Add	*96.00*	
10 75 23 00-0005	EA	25' Height, Vertical Wall/Roof Mounted Tapered Aluminum Flagpole	2,809.46	1,011.73
		For Rope Lock Box, Add	*96.00*	
10 75 23 00-0006		Outrigger, Wall Mounted Tapered Aluminum Flagpoles *(10 75 23)*		
		Note: Includes aluminum base, 3-1/2" butt diameter and 0.125" wall.		
10 75 23 00-0007	EA	10', Wall Mounted, Aluminum Outrigger Flagpole With Bracket	2,635.88	650.41
		For Rope Lock Box, Add	*96.00*	
10 75 23 00-0008	EA	15', Wall Mounted, Aluminum Outrigger Flagpole With Bracket	2,845.02	722.66
		For Rope Lock Box, Add	*96.00*	
10 75 23 00-0009	EA	20', Wall Mounted, Aluminum Outrigger Flagpole With Bracket	3,177.16	867.20
		For Rope Lock Box, Add	*96.00*	

10 80 Other Specialties *(10)*

10 81 Pest Control Devices *(10 80)*

10 81 13 Bird Control Devices *(10 81)*

10 81 13 00-0001		Stainless Steel Spiked Bird Barrier *(10 81 13)*		
		Note: Stainless steel spikes with flexible polycarbonate base.		
10 81 13 00-0002	LF	2-1/2" To 3" Wide Stainless Steel Spikes And Polycarbonate Base Bird Deterrent System	10.67	0.91
10 81 13 00-0003	LF	4-1/2" To 5" Wide Stainless Steel Spikes And Polycarbonate Base Bird Deterrent System	12.89	0.91
10 81 13 00-0004	LF	8" Wide Stainless Steel Spikes And Polycarbonate Base Bird Deterrent System	19.09	0.91
10 81 13 00-0005		Polycarbonate Spiked Bird Barrier *(10 81 13)*		
		Note: Polycarbonate spikes and base.		
10 81 13 00-0006	LF	3" Wide Polycarbonate Spikes And Base Bird Deterrent System	9.83	0.91
10 81 13 00-0007	LF	5" Wide Polycarbonate Spikes And Base Bird Deterrent System	11.92	0.91
10 81 13 00-0008	LF	8" Wide Polycarbonate Spikes And Base Bird Deterrent System	14.20	0.91
10 81 13 00-0009		Spiked Gutter Or Girder Bird Barrier *(10 81 13)*		
		Note: Stainless steel spikes with flexible polycarbonate base mounted to gutter or girder. Includes aluminum clamps.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 81 13 00-0010	LF	Stainless Steel Spikes And Polycarbonate Base Bird Deterrent System For Gutter Or Girder Application	11.42	0.91
10 81 13 00-0011		Coil Bird Barrier *(10 81 13)*		
		Note: Stainless steel coil.		
10 81 13 00-0012	LF	4" Diameter Stainless Steel Coil Bird Deterrent System	7.90	0.91
10 81 13 00-0013	LF	5" Diameter Stainless Steel Coil Bird Deterrent System	9.40	0.91
10 81 13 00-0014		Spider Bird Barrier *(10 81 13)*		
		Note: Stainless steel arms with various bases.		
10 81 13 00-0015	EA	2' Diameter Stainless Steel Spider Bird Deterrent System	134.29	0.91
10 81 13 00-0016	EA	4' Diameter Stainless Steel Spider Bird Deterrent System	199.43	0.91
10 81 13 00-0017	EA	8' Diameter Stainless Steel Spider Bird Deterrent System	252.58	0.91
10 81 13 00-0018		Oriented Flexible Flame Resistant Netting *(10 81 13)*		
		Note: Includes stainless steel rings and plastic ties.		
10 81 13 00-0019	SF	1/8" x 1/8" Mesh Flexible Polypropylene Netting	1.16	0.41
		Note: To control bird and marine predators.		
10 81 13 00-0020	SF	1/4" x 1/4" Mesh Flexible Polypropylene Netting	1.12	0.41
		Note: To control bird and marine predators.		
10 81 13 00-0021	SF	1/2" x 1/2" Mesh Flexible Polypropylene Netting	1.08	0.41
		Note: To control bird and marine predators.		
10 81 13 00-0022	SF	3/4" x 3/4" Mesh Flexible Polypropylene Netting	1.04	0.41
		Note: To control bird and marine predators.		
10 81 13 00-0023	SF	1" x 1" Mesh Flexible Polypropylene Netting	1.04	0.41
		Note: To control bird and marine predators.		
10 81 13 00-0024	SF	1-1/8" x 1-1/8" Mesh Flexible Polypropylene Netting	1.02	0.41
		Note: To control bird and marine predators.		
10 81 13 00-0025	SF	2" x 2" Mesh Flexible Polypropylene Netting	0.99	0.41
		Note: To control bird and marine predators.		
10 81 13 00-0026	SF	3" x 3" Mesh Flexible Polypropylene Netting	0.99	0.41
		Note: To control bird and marine predators.		
10 81 13 00-0027	SF	4" x 4" Mesh Flexible Polypropylene Netting	0.95	0.41
		Note: To control bird and marine predators.		
10 81 13 00-0028	SF	5/8" x 3/4" Mesh Flexible Polypropylene Netting	1.06	0.41
		Note: To control bird and marine predators.		
10 81 13 00-0029	SF	1-1/4" x 1-1/2" Mesh Flexible Polypropylene Netting	1.00	0.41
		Note: To control bird and marine predators.		
10 81 13 00-0030	EA	Poly Clips For Flexible Netting	3.49	
10 81 13 00-0031		Netting Accessories *(10 81 13)*		
10 81 13 00-0032	EA	2' Zipper For Flexible Netting	9.40	
10 81 13 00-0033	EA	4' Zipper For Flexible Netting	14.16	
10 81 13 00-0034	EA	6' Zipper For Flexible Netting	16.66	
10 81 13 00-0035	EA	8' Zipper For Flexible Netting	23.68	
10 81 16		**Insect Control Devices *(10 81)***		
10 81 16 00-0001		Insect Screening *(10 81 16)*		
10 81 16 00-0002	CSF	17/14 Mesh Insect Screening With Flat Screen Splines	145.77	

10 86 Security Mirrors And Domes *(10 80)*

10 86 00 00-0001		Dome Mirrors *(10 86)*		
		Note: Includes all mounting hardware. Indoor or outdoor applications.		
10 86 00 00-0002		Steel Dome Mirrors *(10 86 00 00-0001)*		
10 86 00 00-0003	EA	9" Diameter Full-Dome Steel Dome Mirror	319.27	22.77
10 86 00 00-0004	EA	12" Diameter Full-Dome Steel Dome Mirror	376.30	23.91
10 86 00 00-0005	EA	18" Diameter Full-Dome Steel Dome Mirror	435.59	26.20
10 86 00 00-0006	EA	24" Diameter Full-Dome Steel Dome Mirror	582.96	28.47
10 86 00 00-0007	EA	9" Diameter Half-Dome Steel Dome Mirror	228.38	17.09
10 86 00 00-0008	EA	12" Diameter Half-Dome Steel Dome Mirror	264.00	18.22
10 86 00 00-0009	EA	18" Diameter Half-Dome Steel Dome Mirror	308.82	19.92
10 86 00 00-0010	EA	24" Diameter Half-Dome Steel Dome Mirror	431.24	21.64
10 86 00 00-0011		Plexiglas Dome Mirrors *(10 86 00 00-0001)*		
10 86 00 00-0012	EA	18" Diameter Full-Dome Plexiglas Dome Mirror	246.37	26.20
10 86 00 00-0013	EA	26" Diameter Full-Dome Plexiglas Dome Mirror	349.70	28.47
10 86 00 00-0014	EA	32" Diameter Full-Dome Plexiglas Dome Mirror	463.54	33.02
10 86 00 00-0015	EA	36" Diameter Full-Dome Plexiglas Dome Mirror	560.52	39.86
10 86 00 00-0016	EA	48" Diameter Full-Dome Plexiglas Dome Mirror	818.42	56.94
10 86 00 00-0017	EA	18" Diameter Half-Dome Plexiglas Dome Mirror	150.06	19.92
10 86 00 00-0018	EA	26" Diameter Half-Dome Plexiglas Dome Mirror	203.46	21.64
10 86 00 00-0019	EA	32" Diameter Half-Dome Plexiglas Dome Mirror	268.85	25.05
10 86 00 00-0020	EA	36" Diameter Half-Dome Plexiglas Dome Mirror	331.70	30.17

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 86 00 00-0021	EA	48" Diameter Half-Dome Plexiglas Dome Mirror	528.13	42.71
10 86 00 00-0022	EA	18" Diameter Quarter-Dome Plexiglas Dome Mirror	96.05	17.09
10 86 00 00-0023	EA	26" Diameter Quarter-Dome Plexiglas Dome Mirror	123.98	18.79
10 86 00 00-0024	EA	32" Diameter Quarter-Dome Plexiglas Dome Mirror	163.76	21.07
10 86 00 00-0025	EA	36" Diameter Quarter-Dome Plexiglas Dome Mirror	204.35	25.05
10 86 00 00-0026	EA	48" Diameter Quarter-Dome Plexiglas Dome Mirror	340.13	35.59
10 86 00 00-0027		Coated Plexiglas Dome Mirrors *(10 86 00 00-0001)*		
10 86 00 00-0028	EA	18" Diameter Full-Dome Coated Plexiglas Dome Mirror	295.16	26.20
10 86 00 00-0029	EA	26" Diameter Full-Dome Coated Plexiglas Dome Mirror	459.19	28.47
10 86 00 00-0030	EA	36" Diameter Full-Dome Coated Plexiglas Dome Mirror	779.50	39.86
10 86 00 00-0031	EA	48" Diameter Full-Dome Coated Plexiglas Dome Mirror	1,201.63	56.94
10 86 00 00-0032	EA	18" Diameter Half-Dome Coated Plexiglas Dome Mirror	191.00	19.92
10 86 00 00-0033	EA	26" Diameter Half-Dome Coated Plexiglas Dome Mirror	286.05	21.64
10 86 00 00-0034	EA	36" Diameter Half-Dome Coated Plexiglas Dome Mirror	453.09	30.17
10 86 00 00-0035	EA	48" Diameter Half-Dome Coated Plexiglas Dome Mirror	751.87	42.71
10 86 00 00-0036	EA	18" Diameter Quarter-Dome Coated Plexiglas Dome Mirror	138.17	17.09
10 86 00 00-0037	EA	26" Diameter Quarter-Dome Coated Plexiglas Dome Mirror	194.91	18.79
10 86 00 00-0038	EA	32" Diameter Quarter-Dome Coated Plexiglas Dome Mirror	253.25	21.07
10 86 00 00-0039	EA	36" Diameter Quarter-Dome Coated Plexiglas Dome Mirror	326.21	25.05
10 86 00 00-0040	EA	48" Diameter Quarter-Dome Coated Plexiglas Dome Mirror	511.51	35.59
10 86 00 00-0041		Circular Convex Security Mirrors *(10 86)* Note: Includes all mounting hardware.		
10 86 00 00-0042		Plexiglas Circular Convex Mirrors *(10 86 00 00-0041)* Note: Indoor models have a tempered hardboard backing. Outdoor models have a waterproof edge and back, rustproof hardware with backed-on enamel finish.		
10 86 00 00-0043	EA	12" Diameter Plexiglas Circular Convex Mirrors, Indoor	103.10	18.22
10 86 00 00-0044	EA	18" Diameter Plexiglas Circular Convex Mirrors, Indoor	134.83	19.92
10 86 00 00-0045	EA	26" Diameter Plexiglas Circular Convex Mirrors, Indoor	206.08	21.64
10 86 00 00-0046	EA	30" Diameter Plexiglas Circular Convex Mirrors, Indoor	257.90	25.05
10 86 00 00-0047	EA	36" Diameter Plexiglas Circular Convex Mirrors, Indoor	343.60	30.17
10 86 00 00-0048	EA	48" Diameter Plexiglas Circular Convex Mirrors, Indoor	609.05	42.71
10 86 00 00-0049	EA	18" Diameter Plexiglas Circular Convex Mirrors, Outdoor	175.06	19.92
10 86 00 00-0050	EA	26" Diameter Plexiglas Circular Convex Mirrors, Outdoor	253.68	21.64
10 86 00 00-0051	EA	36" Diameter Plexiglas Circular Convex Mirrors, Outdoor	362.65	30.17
10 86 00 00-0052	EA	48" Diameter Plexiglas Circular Convex Mirrors, Outdoor	666.18	42.71
10 86 00 00-0053		Coated Plexiglas Circular Convex Mirrors *(10 86 00 00-0041)* Note: Indoor models have a tempered hardboard backing. Outdoor models have a waterproof edge and back, rustproof hardware with backed-on enamel finish.		
10 86 00 00-0054	EA	18" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor	212.19	19.92
10 86 00 00-0055	EA	26" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor	336.03	21.64
10 86 00 00-0056	EA	30" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor	452.36	25.05
10 86 00 00-0057	EA	36" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor	564.96	30.17
10 86 00 00-0058	EA	48" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor	820.89	42.71
10 86 00 00-0059	EA	18" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor	255.74	19.92
10 86 00 00-0060	EA	26" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor	397.92	21.64
10 86 00 00-0061	EA	30" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor	554.71	25.05
10 86 00 00-0062	EA	36" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor	626.85	30.17
10 86 00 00-0063	EA	48" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor	994.65	42.71
10 86 00 00-0064		Security Mirrors *(10 86)*		
10 86 00 00-0065	EA	10" x 14" Framed Stainless Steel Replacement Mirror	142.38	36.22
10 86 00 00-0066	EA	8" x 10" Framed Stainless Steel Mirror With Mounting Plate	113.48	36.22
10 86 00 00-0067	EA	10" x 14" Framed Stainless Steel Mirror With Mounting Plate	125.33	36.22
10 86 00 00-0068	EA	16" x 20" Unframed Stainless Steel Mirror With Mounting Screws	217.93	30.19
10 86 00 00-0069	EA	8" x 10" Framed Stainless Steel Replacement Mirror	96.70	36.22

10 89 Baffle Assembly *(10 80)*

10 89 00 00-0001		Baffle Assemblies for RSIP Program *(10 89)*		
10 89 00 00-0002	EA	Roof Baffle Assembly for Exhaust (Detail BF-01 of RSIP Specifications) Note: For Installed assemblies; Includes painting and seals as needed, per specifications.	116.00	
10 89 00 00-0003	EA	Wall Baffle Assembly for Exhaust(Detail BF-02 of RSIP Specifications) Note: For Installed assemblies; Includes painting and seals as needed, per specifications.	168.00	
10 89 00 00-0004	EA	Modified Ducting Assembly for Exhaust(Detail BF-03 of RSIP Specifications) Note: For Installed assemblies; Includes painting and seals as needed, per specifications.	68.00	
10 89 00 00-0005	EA	Attic Baffle for Gable Vent Assembly (Detail BF-10 of RSIP Specifications) Note: For Installed assemblies; Includes painting and seals as needed, per specifications.	172.00	
10 89 00 00-0006	EA	Attic Baffle for Triangular Gable Vent Assembly (Detail BF-11 of RSIP Specifications) Note: For Installed assemblies; Includes painting and seals as needed, per specifications.	168.00	
10 89 00 00-0007	EA	Attic Baffle for Dormer Vent Assembly (Detail BF-12 of RSIP Specifications) Note: For Installed assemblies; Includes painting and seals as needed, per specifications.	155.00	
10 89 00 00-0008	EA	Attic Baffle for Turbine Vent Assembly (Detail BF-13 of RSIP Specifications) Note: For Installed assemblies; Includes painting and seals as needed, per specifications.	155.00	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 89 00 00-0009	EA	Attic Baffle for Roof Vent Assembly (Detail BF-14 of RSIP Specifications) Note: For Installed assemblies; Includes painting and seals as needed, per specifications.	150.00	
10 89 00 00-0010	EA	Attic Baffle for Coupola Vent Assembly (Detail BF-15 of RSIP Specifications) Note: For Installed assemblies; Includes painting and seals as needed, per specifications.	165.00	
10 89 00 00-0011	EA	Baffle for Whole House Fan Assembly (Detail BF-16 of RSIP Specifications) Note: For Installed assemblies; Includes painting and seals as needed, per specifications.	354.00	
10 89 00 00-0012	EA	Attic Vent Baffle Assembly (Detail BF-23 of RSIP Specifications) Note: For Installed assemblies; Includes painting and seals as needed, per specifications.	80.00	

END OF SECTION 10

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

11 Equipment

11 01 Operation and Maintenance of Equipment *(11)*

11 01 10 Operation and Maintenance of Vehicle and Pedestrian Equipment *(11 01)*

11 01 10 13 Operation and Maintenance of Parking Equipment *(11 01 10)*

11 01 10 13-0001 Replacement Parking Equipment *(11 01 10 13)*

11 01 10 13-0002	EA	10' Wood Arm Replacement With Bolts	636.71	
11 01 10 13-0003	EA	12' Wood Arm Replacement With Bolts	666.02	
11 01 10 13-0004	EA	14' Wood Arm Replacement With Bolts	699.55	
11 01 10 13-0005	EA	12' Aluminum Arm Replacement With Bolts	928.96	
11 01 10 13-0006	EA	14' Aluminum Arm Replacement With Bolts	960.40	
11 01 10 13-0007	EA	16' Aluminum Arm Replacement With Bolts	1,359.93	
11 01 10 13-0008	EA	18' Aluminum Arm Replacement With Bolts	1,380.22	
11 01 10 13-0009	EA	20' Aluminum Arm Replacement With Bolts	1,418.66	
11 01 10 13-0010	EA	22' Aluminum Arm Replacement With Bolts	1,631.02	
11 01 10 13-0011	EA	24' Aluminum Arm Replacement With Bolts	1,658.28	

11 10 Vehicle and Pedestrian Equipment *(11)*

11 11 Vehicle Service Equipment *(11 10)*

11 11 19 Vehicle Lubrication Equipment *(11 11)*

11 11 19 00-0001 Reels *(11 11 19)*

11 11 19 00-0002	EA	1/4" x 50' Hose, Grease Reel (Alemite 8078-B)	1,177.30	143.47
11 11 19 00-0003	EA	1/2" x 50' Hose, Oil Reel (Alemite 8078-D)	1,147.89	143.47
11 11 19 00-0004	EA	3/8" x 50' Hose, Air Or Water Reel (Alemite 8078-F)	1,004.53	143.47
11 11 19 00-0005	EA	1/2" x 50' Hose, Air Or Water Reel (Alemite 8078-M)	1,119.04	143.47

11 11 19 00-0006 Air Operated Powered Pumps *(11 11 19)*

Note: Excludes air compressor.

11 11 19 00-0007	EA	1", Oil, Air Operated Diaphragm Pump (Alemite 8323)	1,769.06	191.29
11 11 19 00-0008	EA	1", Antifreeze, Air Operatied Diaphragm Pump (Alemite 8325) Note: UL listed.	1,962.60	191.29
11 11 19 00-0009	EA	5:1 Air Operated Oil Pump (Alemite 9968)	1,573.07	191.29
11 11 19 00-0010	EA	50:1 High Pressure Grease Pump For 400 Lb. Drum (Alemite 9979-A) Note: Includes pump, drum cover and follower plate.	1,816.68	95.64

11 11 19 00-0011 Pumping Unit Accessories *(11 11 19)*

11 11 19 00-0012	EA	Rigid Extension, Digital Oil Meter (Alemite 3670)	641.57	35.87
11 11 19 00-0013	EA	Flexible Extension, Digital Meter (Alemite 3671)	641.57	35.87
11 11 19 00-0014	EA	Manual, Non-Drip Tip, Flexible, Digital Oil Meter (Alemite 3671-B)	641.57	35.87
11 11 19 00-0015	EA	Grease Control Handle (Alemite 6320-A)	347.92	35.87
11 11 19 00-0016	EA	150 PSI Filter/Regulator (Alemite 7936)	188.10	35.87
11 11 19 00-0017	EA	Z Type Grease Swivel (Alemite B331107)	124.31	11.96
11 11 19 00-0018	EA	Suction Hose Assembly (Parker T605-84)	288.30	47.83
11 11 19 00-0019	EA	Unistrut Reel Brackets	254.93	9.56
11 11 19 00-0020	EA	Large, Diaphragm Pump, Wall Mount Bracket (Alemite 343173)	343.99	35.87

11 11 36 Vehicle Charging Equipment *(11 11)*

11 11 36 13 Commercial Electric Vehicle Charging Unit *(11 11 36)*

11 11 36 13-0001 Electric Vehicle Charging Stations (GE) *(11 11 36 13)*

Note: Available with RFID (Radio Frequency Identification) reader.

11 11 36 13-0002	EA	Single Pedestal Electric Vehicle Charging Station Without RFID (GE EVSN3) Note: 208 to 240 volt, 30 amperes, 1 phase.	4,414.87	168.48
11 11 36 13-0003	EA	Double Pedestal Electric Vehicle Charging Station Without RFID (GE EVDN3) Note: 208 to 240 volt, 30 amperes, 1 phase.	7,824.23	224.64
11 11 36 13-0004	EA	Single Pedestal Electric Vehicle Charging Station With RFID (GE EVSRN3) Note: 208 to 240 volt, 30 amperes, 1 phase.	8,153.50	168.48
11 11 36 13-0005	EA	Double Pedestal Electric Vehicle Charging Station With RFID (GE EVDRN3) Note: 208 to 240 volt, 30 amperes, 1 phase.	13,913.04	224.64
11 11 36 13-0006	EA	Single Pole Mounted Electric Vehicle Charging Station Without RFID (GE EVPN3) Note: 208 to 240 volt, 30 amperes, 1 phase. Excludes pole.	3,844.09	84.23
11 11 36 13-0007	EA	Single Pole Mounted Electric Vehicle Charging Station With RFID (GE EVPRN3) Note: 208 to 240 volt, 30 amperes, 1 phase. Excludes pole.	7,442.58	84.23
11 11 36 13-0008	EA	Single Wall Mounted Electric Vehicle Charging Station Without RFID (GE EVWN3) Note: 208 to 240 volt, 30 amperes, 1 phase.	3,722.60	112.32
11 11 36 13-0009	EA	Single Wall Mounted Electric Vehicle Charging Station With RFID (GE EVWRN3) Note: 208 to 240 volt, 30 amperes, 1 phase.	7,180.91	112.32

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 11 36 13-0010		Electric Vehicle Charging Stations (AeroVironment) *(11 11 36 13)*		
		Note: Can be configured as Level 1 (16 Amps, 120 VAC) or Level 2 (16 Amps, 240 VAC).		
11 11 36 13-0011	EA	Module Electric Vehicle Charging Station (AeroVironment TurboDock Module)	2,997.84	56.16
		Note: Includes charging station only. Excludes mounting bracket or pedestal.		
11 11 36 13-0012	EA	Single Wall Mount Electric Vehicle Charging Station (AeroVironment TurboDock Wall Mount)	4,287.77	112.32
		Note: Includes charging station(s) and wall mounting bracket that can hold up to two charging modules.		
11 11 36 13-0013	EA	Dual Wall Mount Electric Vehicle Charging Station (AeroVironment TurboDock Wall Mount)	7,173.28	140.39
		Note: Includes charging station(s) and wall mounting bracket that can hold up to two charging modules.		
11 11 36 13-0014	EA	Single Pedestal Mount Electric Vehicle Charging Station (AeroVironment TurboDock Pedestal)	4,512.41	168.48
		Note: Includes charging station(s), pedestal and mounting bracket that can hold up to four charging modules.		
11 11 36 13-0015	EA	Dual Pedestal Mount Electric Vehicle Charging Station (AeroVironment TurboDock Pedestal)	7,397.91	196.55
		Note: Includes charging station(s), pedestal and mounting bracket that can hold up to four charging modules.		
11 11 36 13-0016	EA	Triple Pedestal Mount Electric Vehicle Charging Station (AeroVironment TurboDock Pedestal)	10,283.43	224.64
		Note: Includes charging station(s), pedestal and mounting bracket that can hold up to four charging modules.		
11 11 36 13-0017	EA	Quad Pedestal Mount Electric Vehicle Charging Station (AeroVironment TurboDock Pedestal)	13,168.93	252.71
		Note: Includes charging station(s), pedestal and mounting bracket that can hold up to four charging modules.		
11 11 36 13-0018		Electric Vehicle Charging Stations (Leviton) *(11 11 36 13)*		
11 11 36 13-0019	EA	Single Port, Electric Vehicle Charging Station, Gateway (Leviton evr-green® 4000 CPHG1-000)	4,597.24	112.32
		Note: 208 to 240 volt, 30 amperes, 1 phase.		
		For Bollard Body (Leviton CPMBX-000), Add	*2,935.41*	
		For Bollard Cap (Leviton CPCAP-B), Add	*269.76*	
		For Wall Mounting Body (Leviton CPMEX-000), Add	*2,028.77*	
		For Wall Mounting Cap (Leviton CPCAP-W), Add	*269.76*	
		For Cord Management Kit (Leviton CPCBX-000), Add	*1,850.00*	
11 11 36 13-0020	EA	Single Port, Electric Vehicle Charging Station, Non-Gateway LAN (Leviton evr-green® 4000 CPHD1-000)	3,674.43	112.32
		Note: 208 to 240 volt, 30 amperes, 1 phase.		
		For Bollard Body (Leviton CPMBX-000), Add	*2,935.41*	
		For Bollard Cap (Leviton CPCAP-B), Add	*269.76*	
		For Wall Mounting Body (Leviton CPMEX-000), Add	*2,028.77*	
		For Wall Mounting Cap (Leviton CPCAP-W), Add	*269.76*	
		For Cord Management Kit (Leviton CPCBX-000), Add	*1,850.00*	
11 11 36 13-0021	EA	Dual Port, Electric Vehicle Charging Station, Gateway (Leviton evr-green® 4000 CPHG2-000)	9,008.82	140.39
		Note: 208 to 240 volt, 30 amperes, 1 phase.		
		For Bollard Body (Leviton CPMBX-000), Add	*2,935.41*	
		For Bollard Cap (Leviton CPCAP-B), Add	*269.76*	
		For Wall Mounting Body (Leviton CPMEX-000), Add	*2,028.77*	
		For Wall Mounting Cap (Leviton CPCAP-W), Add	*269.76*	
		For Cord Management Kit (Leviton CPCBX-000), Add	*1,850.00*	
11 11 36 13-0022	EA	Dual Port, Electric Vehicle Charging Station, Gateway (Leviton evr-green® 4000 CPHD2-000)	8,083.03	140.39
		Note: 208 to 240 volt, 30 amperes, 1 phase.		
		For Bollard Body (Leviton CPMBX-000), Add	*2,935.41*	
		For Bollard Cap (Leviton CPCAP-B), Add	*269.76*	
		For Wall Mounting Body (Leviton CPMEX-000), Add	*2,028.77*	
		For Wall Mounting Cap (Leviton CPCAP-W), Add	*269.76*	
		For Cord Management Kit (Leviton CPCBX-000), Add	*1,850.00*	
11 11 36 13-0023	EA	Bollard Mounting Body For Charging Station (Leviton CPMBX-000)	3,384.68	168.48
		For Cap, Add	*269.76*	
11 11 36 13-0024	EA	Wall Mounting Body For Charging Station (Leviton CPMEX-000)	2,478.04	168.48
		For Cap, Add	*269.76*	
11 11 36 13-0025	EA	Cord Management Kit For Charging Station (Leviton CPCBX-000)	2,074.64	112.32
		For Cap, Add	*269.76*	

11 12 Parking Control Equipment *(11 10)*

11 12 16 Parking Ticket Dispensers *(11 12)*

11 12 16 00-0001		Parking Ticket Dispensers *(11 12 16)*		
11 12 16 00-0002	EA	Standard Parking Ticket Dispenser With Time/Date Stamp	11,993.91	231.29
11 12 16 00-0003	EA	Rate Computing Parking Ticket Dispenser With Printer	16,147.45	231.29

11 12 23 Parking Meters *(11 12)*

11 12 23 00-0001		Parking Meters *(11 12 23)*		
11 12 23 00-0002	EA	Removal Of Parking Meter For Replacement Or Reinstall Existing Meter	237.19	

11 12 26 Parking Fee Collection Equipment *(11 12)*

11 12 26 13 Parking Fee Coin Collection Equipment *(11 12 26)*

11 12 26 13-0001		Parking Fee Collection Equipment *(11 12 26 13)*		
11 12 26 13-0002	EA	Multiple Station Slot Box For Parking Fee Collection	2,849.13	78.38

11 12 33 Parking Gates *(11 12)*

11 12 33 13 Lift Arm Parking Gates *(11 12 33)*

11 12 33 13-0001		Barrier Parking Gate Operators *(11 12 33 13)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 12 33 13-0002		**Barrier Parking Gate Operators** *(11 12 33 13-0001)* Note: Includes operator and barrier arm. Excludes access controls and concrete foundation.		
11 12 33 13-0003	EA	12' Plastic Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator (DKS™ DoorKing® 1601-080)	6,696.34	641.48
		For 230/460 Volt AC, Add	*322.50*	
11 12 33 13-0004	EA	14' Wood Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator (DKS™ DoorKing® 1601-080)	6,674.71	641.48
		For 230/460 Volt AC, Add	*322.50*	
11 12 33 13-0005	EA	14' Aluminum Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator (DKS™ DoorKing® 1601-080)	6,948.77	641.48
		For 230/460 Volt AC, Add	*322.50*	
11 12 33 13-0006	EA	20' Three Piece Wood Arm, 1 HP, 115 Volt AC, Barrier Parking Gate Operator (DKS™ DoorKing® 1602-080)	9,700.54	641.48
		For 230/460 Volt AC, Add	*322.50*	
11 12 33 13-0007	EA	14' Wood Arm, 1/3 HP, 115 Volt AC, Barrier Parking Gate Operator With Two Built-In Vehicle Detectors (Federal APD G-90 CD)	9,879.06	641.48
11 12 33 13-0008	EA	14' Aluminum Arm, 1/3 HP, 115 Volt AC, Barrier Parking Gate Operator With Two Built-In Vehicle Detectors (Federal APD G-90 CD)	10,311.80	641.48
11 12 33 13-0009		**Barrier Parking Gate Operators With Tire Shredding Traffic Control Spikes** *(11 12 33 13-0001)* Note: Includes operator, barrier arm and tire shredding traffic control spikes. Excludes access controls and concrete foundation.		
11 12 33 13-0010	EA	14' Wood Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator With 6' Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603-080)	19,677.10	1,282.96
11 12 33 13-0011	EA	14' Wood Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator With 9' Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603-080)	22,962.85	1,282.96
11 12 33 13-0012	EA	14' Aluminum Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator With 6' Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603-080)	19,839.38	1,282.96
11 12 33 13-0013	EA	14' Aluminum Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator With 9' Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603-080)	23,125.12	1,282.96
11 12 33 13-0014		**Barrier Parking Gate Operator Accessories** *(11 12 33 13-0001)*		
11 12 33 13-0015	EA	12' Plastic Replacement Arm For Barrier Parking Gate Operators	231.82	25.75
11 12 33 13-0016	EA	14' Wood Replacement Arm For Barrier Parking Gate Operators	210.18	25.75
11 12 33 13-0017	EA	14' Aluminum Replacement Arm For Barrier Parking Gate Operators	484.25	25.75
11 12 33 13-0018	EA	20' Three Piece Wood Replacement Arm For Barrier Parking Gate Operators	727.66	25.75
11 12 33 13-0019	EA	Folding Wood Replacement Arm For Barrier Parking Gate Operators	664.56	25.75
11 12 33 13-0020	EA	Folding Plastic Replacement Arm For Barrier Parking Gate Operators	664.56	25.75
11 12 33 13-0021	EA	Folding Aluminum Replacement Arm For Barrier Parking Gate Operators	808.80	25.75
11 12 33 13-0022	EA	Heater Kit For Barrier Parking Gate Operators (DKS™ DoorKing® 1601-092)	714.71	154.51
11 12 33 13-0023	EA	Fan Kit For Barrier Parking Gate Operators (DKS™ DoorKing® 1601-093)	714.71	154.51
11 12 33 13-0024	EA	Single Channel Detector Loop For Barrier Parking Gate Operators (DKS™ DoorKing® 9410-010)	720.23	
11 12 33 13-0025	EA	Two Channel Detector Loop For Barrier Parking Gate Operators (Federal APD DLD-10B)	1,815.10	
11 12 33 13-0026	EA	36" Tall, Gooseneck Style, Single Mount, 2" x 2" Steel, Exterior Mounting Post For Gate Operator Access Controls (Federal APD) Note: Includes mounting plate and hardware. Excludes concrete foundation.	1,297.87	51.51
11 12 36		**Tire Shredders** *(11 12)*		
11 12 36 00-0001		**Tire Shredding Traffic Control Spikes** *(11 12 36)*		
11 12 36 00-0002		**Flush Mount, Tire Shredding Traffic Control Spikes** *(11 12 36 00-0001)*		
11 12 36 00-0003	EA	6' Section, Flush Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1610-081)	2,846.18	412.03
11 12 36 00-0004		**Surface Mount, Tire Shredding Traffic Control Spikes** *(11 12 36 00-0001)*		
11 12 36 00-0005	EA	3' Section With End Caps, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1610-088)	5,074.31	206.01
11 12 36 00-0006	EA	3' Add-On Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1610-087)	3,631.85	206.01
11 12 36 00-0007		**Warning Signs And Signals For Tire Shredding Traffic Control Spikes** *(11 12 36 00-0001)*		
11 12 36 00-0008	EA	Warning Sign For Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1615) Note: Includes light and mounting post.	2,264.11	77.26
11 12 36 00-0009	EA	Traffic Light Assembly For Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603) Note: Includes mounting post and hardware.	1,846.81	103.00
11 13		**Loading Dock Equipment** *(11 10)* Note: Includes all anchor bolts, drilling and fasteners.		
11 13 13		**Loading Dock Bumpers** *(11 13)*		
11 13 13 00-0001		**Laminated Rubber Dock Bumpers** *(11 13 13)*		
11 13 13 00-0002		**4-1/2" Projection, Laminated Rubber Dock Bumpers** *(11 13 13 00-0001)*		
11 13 13 00-0003	EA	14" x 6", 4-1/2" Projection, Laminated Rubber Dock Bumper	133.51	22.76
11 13 13 00-0004	EA	24" x 6", 4-1/2" Projection, Laminated Rubber Dock Bumper	166.54	22.76
11 13 13 00-0005	EA	36" x 6", 4-1/2" Projection, Laminated Rubber Dock Bumper	213.14	22.76
11 13 13 00-0006	EA	12" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper	147.58	22.76
11 13 13 00-0007	EA	14" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper	159.26	22.76
11 13 13 00-0008	EA	18" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper	180.12	22.76
11 13 13 00-0009	EA	24" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper	213.14	22.76

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 13 13 00-0010	EA	36" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper	287.70	22.76
11 13 13 00-0011	EA	12" x 12", 4-1/2" Projection, Laminated Rubber Dock Bumper	166.22	22.76
11 13 13 00-0012	EA	12" x 14", 4-1/2" Projection, Laminated Rubber Dock Bumper	180.12	22.76
11 13 13 00-0013	EA	12" x 18", 4-1/2" Projection, Laminated Rubber Dock Bumper	219.77	22.76
11 13 13 00-0014	EA	12" x 24", 4-1/2" Projection, Laminated Rubber Dock Bumper	247.89	22.76
11 13 13 00-0015	EA	12" x 36", 4-1/2" Projection, Laminated Rubber Dock Bumper	339.20	22.76
11 13 13 00-0016	EA	11" x 20", 4-1/2" Projection, Laminated Rubber Dock Bumper	203.35	22.76
11 13 13 00-0017	EA	11" x 24", 4-1/2" Projection, Laminated Rubber Dock Bumper	236.05	22.76
11 13 13 00-0018	EA	11" x 36", 4-1/2" Projection, Laminated Rubber Dock Bumper	305.71	22.76
11 13 13 00-0019		6" Projection, Laminated Rubber Dock Bumpers *(11 13 13 00-0001)*		
11 13 13 00-0020	EA	12" x 10", 6" Projection, Laminated Rubber Dock Bumper	187.03	22.76
11 13 13 00-0021	EA	14" x 10", 6" Projection, Laminated Rubber Dock Bumper	198.56	22.76
11 13 13 00-0022	EA	18" x 10", 6" Projection, Laminated Rubber Dock Bumper	226.36	22.76
11 13 13 00-0023	EA	24" x 10", 6" Projection, Laminated Rubber Dock Bumper	268.70	22.76
11 13 13 00-0024	EA	36" x 10", 6" Projection, Laminated Rubber Dock Bumper	362.38	22.76
11 13 13 00-0025	EA	12" x 12", 6" Projection, Laminated Rubber Dock Bumper	212.62	22.76
11 13 13 00-0026	EA	14" x 12", 6" Projection, Laminated Rubber Dock Bumper	222.10	22.76
11 13 13 00-0027	EA	18" x 12", 6" Projection, Laminated Rubber Dock Bumper	259.70	22.76
11 13 13 00-0028	EA	24" x 12", 6" Projection, Laminated Rubber Dock Bumper	315.78	22.76
11 13 13 00-0029	EA	36" x 12", 6" Projection, Laminated Rubber Dock Bumper	472.80	22.76
11 13 13 00-0030	EA	11" x 20", 6" Projection, Laminated Rubber Dock Bumper	268.86	22.76
11 13 13 00-0031	EA	11" x 24", 6" Projection, Laminated Rubber Dock Bumper	306.46	22.76
11 13 13 00-0032	EA	11" x 36", 6" Projection, Laminated Rubber Dock Bumper	311.46	22.76
11 13 13 00-0033		Extruded Rubber Dock Bumpers *(11 13 13)*		
11 13 13 00-0034		1-3/4" Projection, Extruded Rubber Dock Bumpers *(11 13 13 00-0033)*		
11 13 13 00-0035	EA	12" x 2", 1-3/4" Projection, Extruded Rubber Dock Bumper	72.80	22.76
11 13 13 00-0036	EA	18" x 2", 1-3/4" Projection, Extruded Rubber Dock Bumper	77.44	22.76
11 13 13 00-0037	EA	24" x 2", 1-3/4" Projection, Extruded Rubber Dock Bumper	83.63	22.76
11 13 13 00-0038	EA	36" x 2", 1-3/4" Projection, Extruded Rubber Dock Bumper	89.83	22.76
11 13 13 00-0039		4" Projection, Extruded Rubber Dock Bumpers *(11 13 13 00-0033)*		
11 13 13 00-0040	EA	12" x 4-1/2", 4" Projection, Extruded Rubber Dock Bumper	97.08	22.76
11 13 13 00-0041	EA	18" x 4-1/2", 4" Projection, Extruded Rubber Dock Bumper	116.60	22.76
11 13 13 00-0042	EA	24" x 4-1/2", 4" Projection, Extruded Rubber Dock Bumper	122.23	22.76
11 13 13 00-0043	EA	36" x 4-1/2", 4" Projection, Extruded Rubber Dock Bumper	135.04	22.76
11 13 13 00-0044		6" Projection, Extruded Rubber Dock Bumpers *(11 13 13 00-0033)*		
11 13 13 00-0045	EA	12" x 6", 6" Projection, Extruded Rubber Dock Bumper	117.69	22.76
11 13 13 00-0046	EA	18" x 6", 6" Projection, Extruded Rubber Dock Bumper	144.00	22.76
11 13 13 00-0047	EA	24" x 6", 6" Projection, Extruded Rubber Dock Bumper	165.68	22.76
11 13 13 00-0048	EA	36" x 6", 6" Projection, Extruded Rubber Dock Bumper	207.03	22.76
11 13 13 00-0049		Molded Rubber Dock Bumpers *(11 13 13)*		
11 13 13 00-0050		Rectangular Molded Rubber Dock Bumpers *(11 13 13 00-0049)*		
11 13 13 00-0051	EA	18" x 8", 2" Projection, Rectangular Molded Rubber Dock Bumper	102.24	22.76
11 13 13 00-0052	EA	10" x 4-1/2", 3" Projection, Rectangular Molded Rubber Dock Bumper	90.29	22.76
11 13 13 00-0053	EA	20" x 4-1/2", 3" Projection, Rectangular Molded Rubber Dock Bumper	117.57	22.76
11 13 13 00-0054	EA	30" x 4-1/2", 3" Projection, Rectangular Molded Rubber Dock Bumper	145.09	22.76
11 13 13 00-0055	EA	24" x 12", 3" Projection, Rectangular Molded Rubber Dock Bumper	151.58	22.76
11 13 13 00-0056	EA	13" x 10", 4" Projection, Rectangular Molded Rubber Dock Bumper	114.44	22.76
11 13 13 00-0057	EA	18" x 10", 4" Projection, Rectangular Molded Rubber Dock Bumper	146.18	22.76
11 13 13 00-0058	EA	30" x 10", 4" Projection, Rectangular Molded Rubber Dock Bumper	211.51	22.76
11 13 13 00-0059	EA	13" x 12", 4" Projection, Rectangular Molded Rubber Dock Bumper	123.93	22.76
11 13 13 00-0060	EA	24" x 12", 4" Projection, Rectangular Molded Rubber Dock Bumper	181.97	22.76
11 13 13 00-0061	EA	18" x 18", 4" Projection, Rectangular Molded Rubber Dock Bumper	181.40	22.76
11 13 13 00-0062	EA	24" x 12", 6" Projection, Rectangular Molded Rubber Dock Bumper	272.86	22.76
11 13 13 00-0063		T And L Shaped Rubber Dock Bumpers *(11 13 13 00-0049)*		
11 13 13 00-0064	EA	22" x 22", 3" Projection, T Shaped Molded Rubber Dock Bumper	172.46	22.76
11 13 13 00-0065	EA	18" x 18", 4" Projection, L Shaped Molded Rubber Dock Bumper	160.27	22.76
11 13 16		**Loading Dock Seals and Shelters** *(11 13)*		
11 13 16 13		**Loading Dock Seals** *(11 13 16)*		
11 13 16 13-0001		Vinyl Loading Dock Seals *(11 13 16 13)*		
11 13 16 13-0002		Standard Vinyl Loading Dock Seals *(11 13 16 13-0001)*		
11 13 16 13-0003	LF	10" Projection, Standard, Vinyl Loading Dock Seal	93.61	22.76
11 13 16 13-0004	LF	11" Projection, Standard, Vinyl Loading Dock Seal	94.79	22.76

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 13 16 13-0005	LF	12" Projection, Standard, Vinyl Loading Dock Seal	95.98	22.76
11 13 16 13-0006	LF	13" Projection, Standard, Vinyl Loading Dock Seal	98.35	22.76
11 13 16 13-0007	LF	14" Projection, Standard, Vinyl Loading Dock Seal	100.72	22.76
11 13 16 13-0008	LF	15" Projection, Standard, Vinyl Loading Dock Seal	103.12	22.76
11 13 16 13-0009	LF	16" Projection, Standard, Vinyl Loading Dock Seal	105.52	22.76
11 13 16 13-0010	LF	17" Projection, Standard, Vinyl Loading Dock Seal	107.99	22.76
11 13 16 13-0011	LF	18" Projection, Standard, Vinyl Loading Dock Seal	110.46	22.76
11 13 16 13-0012	LF	19" Projection, Standard, Vinyl Loading Dock Seal	112.83	22.76
11 13 16 13-0013	LF	20" Projection, Standard, Vinyl Loading Dock Seal	115.20	22.76
11 13 16 13-0014	LF	22" Projection, Standard, Vinyl Loading Dock Seal	120.00	22.76
11 13 16 13-0015		8" Exposure Wear Pleats, Vinyl Loading Dock Seals *(11 13 16 13-0001)*		
11 13 16 13-0016	LF	10" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	107.69	22.76
11 13 16 13-0017	LF	11" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	108.88	22.76
11 13 16 13-0018	LF	12" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	110.06	22.76
11 13 16 13-0019	LF	13" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	112.46	22.76
11 13 16 13-0020	LF	14" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	114.87	22.76
11 13 16 13-0021	LF	15" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	117.24	22.76
11 13 16 13-0022	LF	16" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	119.61	22.76
11 13 16 13-0023	LF	17" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	122.01	22.76
11 13 16 13-0024	LF	18" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	124.41	22.76
11 13 16 13-0025	LF	19" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	126.78	22.76
11 13 16 13-0026	LF	20" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	129.22	22.76
11 13 16 13-0027	LF	22" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	133.96	22.76
11 13 16 13-0028		4" Exposure Wear Pleats, Vinyl Loading Dock Seals *(11 13 16 13-0001)*		
11 13 16 13-0029	LF	10" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	115.20	22.76
11 13 16 13-0030	LF	11" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	116.41	22.76
11 13 16 13-0031	LF	12" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	117.63	22.76
11 13 16 13-0032	LF	13" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	120.00	22.76
11 13 16 13-0033	LF	14" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	122.37	22.76
11 13 16 13-0034	LF	15" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	124.77	22.76
11 13 16 13-0035	LF	16" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	127.18	22.76
11 13 16 13-0036	LF	17" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	129.55	22.76
11 13 16 13-0037	LF	18" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	131.91	22.76
11 13 16 13-0038	LF	19" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	134.32	22.76
11 13 16 13-0039	LF	20" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	136.72	22.76
11 13 16 13-0040	LF	22" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	141.59	22.76
11 13 16 13-0041		Vinyl Loading Dock Seals With Drape Curtain *(11 13 16 13)*		
11 13 16 13-0042		Standard, Vinyl Loading Dock Seals With Drape Curtain *(11 13 16 13-0041)*		
11 13 16 13-0043	LF	10" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	87.33	22.76
11 13 16 13-0044	LF	12" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	89.20	22.76
11 13 16 13-0045	LF	14" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	93.32	22.76
11 13 16 13-0046	LF	16" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	97.38	22.76
11 13 16 13-0047	LF	18" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	101.55	22.76
11 13 16 13-0048	LF	20" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	105.61	22.76
11 13 16 13-0049	LF	22" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	109.73	22.76
11 13 16 13-0050		8" Exposure Wear Pleats, Vinyl Loading Dock Seals With Drape Curtain *(11 13 16 13-0041)*		
11 13 16 13-0051	LF	10" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	100.65	22.76
11 13 16 13-0052	LF	12" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	102.57	22.76
11 13 16 13-0053	LF	14" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	106.69	22.76
11 13 16 13-0054	LF	16" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	110.80	22.76
11 13 16 13-0055	LF	18" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	114.87	22.76
11 13 16 13-0056	LF	20" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	118.99	22.76
11 13 16 13-0057	LF	22" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	123.05	22.76
11 13 16 13-0058		4" Exposure Wear Pleats, Vinyl Loading Dock Seals With Drape Curtain *(11 13 16 13-0041)*		
11 13 16 13-0059	LF	10" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	107.87	22.76
11 13 16 13-0060	LF	12" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	109.73	22.76
11 13 16 13-0061	LF	14" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	113.91	22.76
11 13 16 13-0062	LF	16" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	117.97	22.76
11 13 16 13-0063	LF	18" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	122.09	22.76
11 13 16 13-0064	LF	20" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	126.15	22.76
11 13 16 13-0065	LF	22" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	130.33	22.76
11 13 16 23		**Loading Dock Shelters** *(11 13 16)*		
11 13 16 23-0001		Retractable Vinyl Loading Dock Shelter *(11 13 16 23)*		
11 13 16 23-0002	LF	Retractable Vinyl Dock Shelters, Scissor Arms	145.54	28.46

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 13 16 23-0003		Rigid Loading Dock Shelters *(11 13 16 23)*		
11 13 16 23-0004	LF	18" Projection, Rigid Loading Dock Shelter	110.03	27.32
11 13 16 23-0005	LF	24" Projection, Rigid Loading Dock Shelter	114.41	27.32
11 13 16 23-0006	LF	30" Projection, Rigid Loading Dock Shelter	118.84	28.46
11 13 16 23-0007	LF	36" Projection, Rigid Loading Dock Shelter	121.86	28.46

11 13 19 Stationary Loading Dock Equipment *(11 13)*

11 13 19 13 Loading Dock Levelers *(11 13 19)*

11 13 19 13-0001		Hydraulic Dock Levelers *(11 13 19 13)*		
		Note: Excludes control panel, remote operator, and electrical wiring.		
11 13 19 13-0002		20,000 Lb. Hydraulic Dock Levelers *(11 13 19 13-0001)*		
11 13 19 13-0003	EA	6' x 6', 20,000 Lb. Hydraulic Dock Leveler	7,526.15	990.40
11 13 19 13-0004	EA	6' x 8', 20,000 Lb. Hydraulic Dock Leveler	8,058.74	1,100.44
11 13 19 13-0005	EA	6' x 10', 20,000 Lb. Hydraulic Dock Leveler	9,833.20	1,320.52
11 13 19 13-0006	EA	7' x 6', 20,000 Lb. Hydraulic Dock Leveler	8,007.55	1,100.44
11 13 19 13-0007	EA	7' x 8', 20,000 Lb. Hydraulic Dock Leveler	8,691.54	1,210.48
11 13 19 13-0008	EA	7' x 10', 20,000 Lb. Hydraulic Dock Leveler	10,416.90	1,430.57
11 13 19 13-0009		25,000 Lb. Hydraulic Dock Levelers *(11 13 19 13-0001)*		
11 13 19 13-0010	EA	6' x 6', 25,000 Lb. Hydraulic Dock Leveler	7,672.46	990.40
11 13 19 13-0011	EA	6' x 8', 25,000 Lb. Hydraulic Dock Leveler	8,208.61	1,100.44
11 13 19 13-0012	EA	6' x 10', 25,000 Lb. Hydraulic Dock Leveler	9,973.60	1,320.52
11 13 19 13-0013	EA	7' x 6', 25,000 Lb. Hydraulic Dock Leveler	8,149.19	1,100.44
11 13 19 13-0014	EA	7' x 8', 25,000 Lb. Hydraulic Dock Leveler	8,821.80	1,210.48
11 13 19 13-0015	EA	7' x 10', 25,000 Lb. Hydraulic Dock Leveler	10,692.53	1,430.57
11 13 19 13-0016		30,000 Lb. Hydraulic Dock Levelers *(11 13 19 13-0001)*		
11 13 19 13-0017	EA	6' x 6', 30,000 Lb. Hydraulic Dock Leveler	8,048.69	1,155.47
11 13 19 13-0018	EA	6' x 8', 30,000 Lb. Hydraulic Dock Leveler	8,566.14	1,320.52
11 13 19 13-0019	EA	6' x 10', 30,000 Lb. Hydraulic Dock Leveler	10,415.84	1,540.61
11 13 19 13-0020	EA	7' x 6', 30,000 Lb. Hydraulic Dock Leveler	8,566.14	1,320.52
11 13 19 13-0021	EA	7' x 8', 30,000 Lb. Hydraulic Dock Leveler	9,204.75	1,485.59
11 13 19 13-0022	EA	7' x 10', 30,000 Lb. Hydraulic Dock Leveler	11,054.46	1,595.64
11 13 19 13-0023		35,000 Lb. Hydraulic Dock Levelers *(11 13 19 13-0001)*		
11 13 19 13-0024	EA	6' x 6', 35,000 Lb. Hydraulic Dock Leveler	8,327.22	1,210.48
11 13 19 13-0025	EA	6' x 8', 35,000 Lb. Hydraulic Dock Leveler	8,846.31	1,375.55
11 13 19 13-0026	EA	6' x 10', 35,000 Lb. Hydraulic Dock Leveler	9,991.82	1,595.64
11 13 19 13-0027	EA	7' x 6', 35,000 Lb. Hydraulic Dock Leveler	8,846.31	1,375.55
11 13 19 13-0028	EA	7' x 8', 35,000 Lb. Hydraulic Dock Leveler	9,610.94	1,540.61
11 13 19 13-0029	EA	7' x 10', 35,000 Lb. Hydraulic Dock Leveler	11,509.07	1,650.66
11 13 19 13-0030		40,000 Lb. Hydraulic Dock Levelers *(11 13 19 13-0001)*		
11 13 19 13-0031	EA	6' x 6', 40,000 Lb. Hydraulic Dock Leveler	8,785.34	1,210.48
11 13 19 13-0032	EA	6' x 8', 40,000 Lb. Hydraulic Dock Leveler	9,303.63	1,375.55
11 13 19 13-0033	EA	6' x 10', 40,000 Lb. Hydraulic Dock Leveler	11,187.21	1,595.64
11 13 19 13-0034	EA	7' x 6', 40,000 Lb. Hydraulic Dock Leveler	9,303.63	1,375.55
11 13 19 13-0035	EA	7' x 8', 40,000 Lb. Hydraulic Dock Leveler	10,069.24	1,540.61
11 13 19 13-0036	EA	7' x 10', 40,000 Lb. Hydraulic Dock Leveler	11,967.01	1,650.66
11 13 19 13-0037		45,000 Lb. Hydraulic Dock Levelers *(11 13 19 13-0001)*		
11 13 19 13-0038	EA	6' x 6', 45,000 Lb. Hydraulic Dock Leveler	9,191.55	1,265.50
11 13 19 13-0039	EA	6' x 8', 45,000 Lb. Hydraulic Dock Leveler	9,719.99	1,430.57
11 13 19 13-0040	EA	6' x 10', 45,000 Lb. Hydraulic Dock Leveler	11,591.72	1,650.66
11 13 19 13-0041	EA	7' x 6', 45,000 Lb. Hydraulic Dock Leveler	9,721.66	1,430.57
11 13 19 13-0042	EA	7' x 8', 45,000 Lb. Hydraulic Dock Leveler	10,479.66	1,595.64
11 13 19 13-0043	EA	7' x 10', 45,000 Lb. Hydraulic Dock Leveler	12,362.39	1,705.68
11 13 19 13-0044		Manual Dock Levelers *(11 13 19 13)*		
11 13 19 13-0045		20,000 Lb. Manual Dock Levelers *(11 13 19 13-0044)*		
11 13 19 13-0046	EA	6' x 6', 20,000 Lb. Manual Dock Leveler	6,035.93	990.40
11 13 19 13-0047	EA	6' x 8', 20,000 Lb. Manual Dock Leveler	6,577.93	1,100.44
11 13 19 13-0048	EA	6' x 10', 20,000 Lb. Manual Dock Leveler	8,342.98	1,320.52
11 13 19 13-0049	EA	7' x 6', 20,000 Lb. Manual Dock Leveler	6,518.67	1,100.44
11 13 19 13-0050	EA	7' x 8', 20,000 Lb. Manual Dock Leveler	7,201.31	1,210.48
11 13 19 13-0051	EA	7' x 10', 20,000 Lb. Manual Dock Leveler	9,078.66	1,320.52
11 13 19 13-0052		40,000 Lb. Manual Dock Levelers *(11 13 19 13-0044)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 13 19 13-0053	EA	6' x 6', 40,000 Lb. Manual Dock Leveler	7,426.92	1,100.44
11 13 19 13-0054	EA	6' x 8', 40,000 Lb. Manual Dock Leveler	7,945.21	1,210.48
11 13 19 13-0055	EA	6' x 10', 40,000 Lb. Manual Dock Leveler	8,674.81	1,430.57
11 13 19 13-0056	EA	7' x 6', 40,000 Lb. Manual Dock Leveler	7,945.21	1,210.48
11 13 19 13-0057	EA	7' x 8', 40,000 Lb. Manual Dock Leveler	9,018.81	1,320.52
11 13 19 13-0058	EA	7' x 10', 40,000 Lb. Manual Dock Leveler	10,608.60	1,540.61
11 13 19 13-0059		Edge Of Dock Levelers *(11 13 19 13)*		
		Note: Mounted on face of dock, single torsion bar counter balance, includes bumpers.		
11 13 19 13-0060		Hydraulic Edge Of Dock Levelers *(11 13 19 13-0059)*		
		Note: Excludes control panel, remote operator, and electrical wiring.		
11 13 19 13-0061	EA	66" Usable Width, 20,000 Lb. Edge Of Dock Leveler, Hydraulic (Vestil PE-2066)	4,286.87	330.14
11 13 19 13-0062	EA	72" Usable Width, 20,000 Lb. Edge Of Dock Leveler, Hydraulic (Vestil PE-2072)	4,601.56	330.14
11 13 19 13-0063	EA	66" Usable Width, 25,000 Lb. Edge Of Dock Leveler, Hydraulic (Vestil PE-2566)	4,556.02	330.14
11 13 19 13-0064	EA	72" Usable Width, 25,000 Lb. Edge Of Dock Leveler, Hydraulic (Vestil PE-2572)	4,988.04	330.14
11 13 19 13-0065	EA	66" Usable Width, 20,000 Lb. Conventional Trailer, HED Series Edge Of Dock Leveler, Hydraulic (DLM HED6620)	5,429.75	330.14
11 13 19 13-0066	EA	72" Usable Width, 20,000 Lb. Conventional Trailer, HED Series Edge Of Dock Leveler, Hydraulic (DLM HED7220)	5,738.18	330.14
11 13 19 13-0067		Manual Edge Of Dock Levelers *(11 13 19 13-0059)*		
11 13 19 13-0068	EA	66" Usable Width, 20,000 Lb. Edge Of Dock Leveler, Manual (Vestil FM-2066)	2,282.22	330.14
11 13 19 13-0069	EA	72" Usable Width, 20,000 Lb. Edge Of Dock Leveler, Manual (Vestil FM-2072)	2,471.80	330.14
11 13 19 13-0070	EA	66" Usable Width, 25,000 Lb. Edge Of Dock Leveler, Manual (Vestil FM-2566)	2,529.77	330.14
11 13 19 13-0071	EA	72" Usable Width, 25,000 Lb. Edge Of Dock Leveler, Manual (Vestil FM-2572)	2,671.95	330.14
11 13 19 13-0072	EA	66" Usable Width, 25,000 Lb. Conventional Trailer, Edge of Dock Leveler, Manual (Bluff Manufacturing 25EP66)	2,962.28	330.14
11 13 19 13-0073	EA	72" Usable Width, 25,000 Lb. Conventional Trailer, Edge of Dock Leveler, Manual (Bluff Manufacturing 25EP72)	3,369.34	330.14
11 13 19 13-0074	EA	78" Usable Width, 25,000 Lb. Conventional Trailer, Edge Of Dock Leveler, Manual (Bluff Manufacturing 25EP78)	3,668.81	330.14
11 13 19 13-0075	EA	72" Usable Width, 30,000 Lb. Conventional Trailer, Edge of Dock Leveler, Manual (Bluff Manufacturing 30EP72)	3,711.84	330.14
11 13 19 13-0076	EA	66" Usable Width, 20,000 Lb. Refrigerated Truck, Edge of Dock Leveler, Manual (Bluff Manufacturing 20EP66-R)	3,302.99	330.14
11 13 19 13-0077	EA	78" Usable Width, 30,000 Lb. Refrigerated Truck, Edge Of Dock Leveler, Manual (Bluff Manufacturing 30EP78-R)	4,545.69	330.14
11 13 19 13-0078	EA	72" Usable Width, 30,000 Lb. Refrigerated Truck, Edge Of Dock Leveler, Manual (Bluff Manufacturing 30EP72-R)	4,278.50	330.14
11 13 19 23		**Stationary Loading Dock Lifts** *(11 13 19)*		
11 13 19 23-0001		Top Of Ground, Fixed Platform Lifts *(11 13 19 23)*		
11 13 19 23-0002	EA	6' x 8', 5,500 Lb. Top Of Ground, Fixed Platform Lift	17,972.79	229.39
11 13 19 23-0003		Pit Mounted, Fixed Platform Lifts *(11 13 19 23)*		
11 13 19 23-0004	EA	6' x 8', 5,000 Lb. Fixed Platform Lift, Pit Mounted	11,463.03	229.39
11 13 19 23-0005	EA	6' x 8', 8,000 Lb. Fixed Platform Lift, Pit Mounted	20,580.21	344.08
11 13 19 23-0006	EA	7' x 12', 15,000 Lb. Fixed Platform Lift, Pit Mounted	36,048.48	688.17
11 13 19 23-0007	EA	8' x 20', 15,000 Lb. Fixed Platform Lift, Pit Mounted	37,803.02	917.56
11 13 19 26		**Loading Dock Truck Lifts** *(11 13 19)*		
11 13 19 26-0001		Hydraulic Truck Lifts *(11 13 19 26)*		
11 13 19 26-0002	EA	10' x 15', 60,000 Lb. Platform Truck Lift	33,823.17	1,954.60
11 13 19 26-0003	EA	10' x 20', 60,000 Lb. Platform Truck Lift	38,712.25	2,345.52
11 13 19 33		**Loading Dock Truck Restraints** *(11 13 19)*		
11 13 19 33-0001		Truck Restraint System *(11 13 19 33)*		
11 13 19 33-0002	EA	Electrical Operated Loading Dock Ground Mounted Vehicle Restraint (Serco SL-60) Note: Includes Integrated Control Panel & Automatic Light Communication Package, minimum 32,000 Lb. restraint capacity and Manufacturer's standard concrete anchor bolts and brackets for ground mounting to concrete apron.	11,080.71	412.66
11 13 19 33-0003	EA	Push Button Rotating Hook Trailer Restraint With Automatic Lights (Kelley Star 4) Note: Includes push button controls, warning lights, alarms, minimum 32,000 Lb. restraint capacity, all mounting plates, bolts, welds, warning signs, gasketed weatherproof box for controls, 120 V UL listed.	11,580.12	412.66
11 13 19 33-0004	EA	Truck Restraint System (Poweramp Powerstop AAL) Note: Includes push button controls, warning lights, alarms, 30,000 Lb. holding force, all mounting plates, bolts, welds, warning signs, gasketed weatherproof box for controls, 120 V UL listed.	8,139.63	412.66
11 13 23		**Portable Dock Equipment** *(11 13)*		
11 13 23 23		**Portable Dock Platforms** *(11 13 23)*		
11 13 23 23-0001	EA	6' x 6', 5,000 Lb. Capacity Portable Platform Lift	13,010.28	128.76
11 13 26		**Loading Dock Lights** *(11 13)*		
11 13 26 00-0001		Communication Lights *(11 13 26)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 13 26 00-0002	EA	Console Controlled, Dock Communication Light, Stop And Go Red Light Style, 12 Or 24 Volt DC Or 115 Volt AC Note: Excludes control console.	407.64	96.37
11 13 26 00-0003	EA	Toggle Switch Controlled, Dock Communication Light, Stop And Go Red Light Style, With Solid State Flasher, 12 Or 24 Volt DC Or 115 Volt AC	509.36	96.37
11 13 26 00-0004	EA	Dock Guide Light For Truck Backing	221.50	77.10
11 13 26 00-0005		Communication Lights Controls *(11 13 26)*		
11 13 26 00-0006	EA	Dock Communication Lights Control Console For Up To Two Docks	431.36	128.50
11 13 26 00-0007		Loading Dock Lights *(11 13 26)*		
11 13 26 00-0008		Incandescent Loading Dock Lights *(11 13 26 00-0007)*		
11 13 26 00-0009	EA	24" Long, Single Arm Loading Dock Light, 300W Incandescent	472.27	128.50
11 13 26 00-0010	EA	40" Long, Dual Arm Loading Dock Light, 300W Incandescent	422.95	128.50
11 13 26 00-0011	EA	60" Long, Dual Arm Loading Dock Light, 300W Incandescent	547.37	128.50
11 13 26 00-0012		Metal Halide Loading Dock Lights *(11 13 26 00-0007)*		
11 13 26 00-0013	EA	24" Long, Single Arm Loading Dock Light, 100W Metal Halide	642.74	128.50
11 13 26 00-0014	EA	40" Long, Dual Arm Loading Dock Light, 100W Metal Halide	701.19	128.50
11 13 26 00-0015	EA	60" Long, Dual Arm Loading Dock Light, 100W Metal Halide	747.93	128.50
11 13 26 00-0016		Quartz Halogen Loading Dock Lights *(11 13 26 00-0007)*		
11 13 26 00-0017	EA	24" Long, Single Arm Loading Dock Light, 500W Quartz Halogen	416.38	128.50
11 13 26 00-0018	EA	40" Long, Dual Arm Loading Dock Light, 500W Quartz Halogen	453.36	128.50
11 13 26 00-0019	EA	60" Long, Dual Arm Loading Dock Light, 500W Quartz Halogen	484.93	128.50

11 14 Pedestrian Control Equipment *(11 10)*

11 14 13 Pedestrian Gates *(11 14)*

11 14 13 16 Rotary Gates *(11 14 13)*

11 14 13 16-0001		Access Control Indoor Or Outdoor Impenetrability *(11 14 13 16)*		
11 14 13 16-0002		Mechanical *(11 14 13 16-0001)*		
11 14 13 16-0003		Galvanized Steel *(11 14 13 16-0002)*		
11 14 13 16-0004	EA	One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Galvanized Steel	12,808.26	1,525.22
11 14 13 16-0005	EA	One-Way, Single 7' High Exit Rotary Gate, 4 Rotor Sections, Galvanized Steel	14,494.49	1,525.22
11 14 13 16-0006	EA	One-Way, "Handicapped" 7' High Exit Rotary Gate, 4 Rotor Sections, Galvanized Steel	29,001.81	2,275.55
11 14 13 16-0007	EA	One-Way, Double 7' High Exit Rotary Gate, 3 Or 4 Rotor Sections, Galvanized Steel	28,071.90	2,275.55
11 14 13 16-0008		Powder Coated Steel *(11 14 13 16-0002)*		
11 14 13 16-0009	EA	One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Powder Coated Steel	14,516.19	1,525.22
11 14 13 16-0010	EA	One-Way, Single 7' High Exit Rotary Gate, 4 Rotor Sections, Powder Coated Steel	16,137.33	1,525.22
11 14 13 16-0011	EA	One-Way, "Handicapped" 7' High Exit Rotary Gate, 3 Rotor Sections, Powder Coated Steel	34,305.40	2,275.55
11 14 13 16-0012	EA	One-Way, Double 7' High Exit Rotary Gate, 3 Rotor Sections, Powder Coated Steel	30,874.03	2,275.55
11 14 13 16-0013		Anodized Aluminum *(11 14 13 16-0002)*		
11 14 13 16-0014	EA	One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	15,257.02	1,525.22
11 14 13 16-0015	EA	One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Complete Anodized Aluminum	26,605.02	1,525.22
11 14 13 16-0016	EA	One-Way, Double 7' High Exit Rotary Gate, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	30,737.65	2,275.55
11 14 13 16-0017	EA	One-Way, Double 7' High Exit Rotary Gate, 3 Rotor Sections, Complete Anodized Aluminum	52,113.18	2,275.55
11 14 13 16-0018		Stainless Steel *(11 14 13 16-0002)*		
11 14 13 16-0019	EA	One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Stainless Steel	24,230.65	1,525.22
11 14 13 16-0020	EA	One-Way, Single 7' High Exit Rotary Gate, 4 Rotor Sections, Stainless Steel	27,224.96	1,525.22
11 14 13 16-0021	EA	One-Way, "Handicapped" 7' High Exit Rotary Gate, 3 Rotor Sections, Stainless Steel	38,920.85	2,275.55
11 14 13 16-0022	EA	One-Way, Double 7' High Exit Rotary Gate, 3 Rotor Sections, Stainless Steel	48,653.91	2,275.55
11 14 13 16-0023		Transparent *(11 14 13 16-0002)*		
11 14 13 16-0024	EA	One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Transparent	48,302.92	1,525.44
11 14 13 16-0025		Mechanical Options *(11 14 13 16-0001)*		
11 14 13 16-0026	EA	Out-of-Use Lock Option, Add	263.47	
11 14 13 16-0027	EA	Heel Protector (Each Heel Protector), Add	185.98	
11 14 13 16-0028		Electrical, One-Way *(11 14 13 16-0001)*		
11 14 13 16-0029		Galvanized Steel *(11 14 13 16-0028)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 14 13 16-0030	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel	13,555.28	1,525.22
11 14 13 16-0031	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Galvanized Steel	15,244.62	1,525.22
11 14 13 16-0032	EA	One-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel	31,791.54	2,275.55
11 14 13 16-0033	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel	29,277.69	2,275.55
11 14 13 16-0034	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Galvanized Steel	31,791.54	2,275.55
11 14 13 16-0035		Powder Coated Steel *(11 14 13 16-0028)*		
11 14 13 16-0036	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel	15,260.12	1,525.22
11 14 13 16-0037	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Powder Coated Steel	17,147.84	1,525.22
11 14 13 16-0038	EA	One-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel	42,668.39	2,275.55
11 14 13 16-0039	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel	32,095.31	2,275.55
11 14 13 16-0040	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Powder Coated Steel	34,615.37	2,275.55
11 14 13 16-0041		Anodized Aluminum *(11 14 13 16-0028)*		
11 14 13 16-0042	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	15,570.09	1,525.22
11 14 13 16-0043	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	16,531.00	1,525.22
11 14 13 16-0044	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Complete Anodized Aluminum	27,534.93	1,525.22
11 14 13 16-0045	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	32,445.58	2,275.55
11 14 13 16-0046	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	36,131.12	2,275.55
11 14 13 16-0047	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Complete Anodized Aluminum	53,721.92	2,275.55
11 14 13 16-0048		Stainless Steel *(11 14 13 16-0028)*		
11 14 13 16-0049	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel	25,796.00	1,525.22
11 14 13 16-0050	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Stainless Steel	27,624.82	1,525.22
11 14 13 16-0051	EA	One-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel	44,735.89	2,275.55
11 14 13 16-0052	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel	51,043.78	2,275.55
11 14 13 16-0053	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Stainless Steel	56,310.17	2,275.55
11 14 13 16-0054		Transparent *(11 14 13 16-0028)*		
11 14 13 16-0055	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Arms	44,034.63	1,525.44
11 14 13 16-0056	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Transparent Arms	46,625.98	1,525.44
11 14 13 16-0057	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Panels	47,757.37	1,525.44
11 14 13 16-0058	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Arms	78,597.01	2,275.55
11 14 13 16-0059	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Transparent Arms	83,587.53	2,275.55
11 14 13 16-0060		Electrical, Two-Way *(11 14 13 16-0001)*		
11 14 13 16-0061		Galvanized Steel *(11 14 13 16-0060)*		
11 14 13 16-0062	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel	14,633.98	1,525.22
11 14 13 16-0063	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Galvanized Steel	16,372.91	1,525.22
11 14 13 16-0064	EA	Two-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel	37,718.17	2,275.55
11 14 13 16-0065	EA	Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel	31,202.60	2,275.55
11 14 13 16-0066		Powder Coated Steel *(11 14 13 16-0060)*		
11 14 13 16-0067	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel	16,205.53	1,525.22
11 14 13 16-0068	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Powder Coated Steel	18,201.73	1,525.22
11 14 13 16-0069	EA	Two-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel	43,604.50	2,275.55
11 14 13 16-0070	EA	Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel	34,035.73	2,275.55
11 14 13 16-0071		Anodized Aluminum *(11 14 13 16-0060)*		
11 14 13 16-0072	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	16,633.29	1,525.22
11 14 13 16-0073	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	17,550.80	1,525.22
11 14 13 16-0074	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Complete Anodized Aluminum	28,771.71	1,525.22
11 14 13 16-0075	EA	Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	34,612.27	2,275.55
11 14 13 16-0076	EA	Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Complete Anodized Aluminum	55,733.63	2,275.55
11 14 13 16-0077		Stainless Steel *(11 14 13 16-0060)*		
11 14 13 16-0078	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel	26,843.70	1,525.22
11 14 13 16-0079	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Stainless Steel	28,703.52	1,525.22
11 14 13 16-0080	EA	Two-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel	45,504.62	2,275.55
11 14 13 16-0081	EA	Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel	52,593.63	2,275.55
11 14 13 16-0082	EA	Two-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Stainless Steel	58,448.96	2,275.55
11 14 13 16-0083		Transparent *(11 14 13 16-0060)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 14 13 16-0084	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Arms	44,933.55	1,525.44
11 14 13 16-0085	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Transparent Arms	47,369.91	1,525.44
11 14 13 16-0086	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Panels	48,767.88	1,525.44
11 14 13 16-0087	EA	Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Arms	80,487.83	2,275.55
11 14 13 16-0088	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Transparent Arms	85,137.38	2,275.55
11 14 13 16-0089		Electrical Options *(11 14 13 16-0001)*		
11 14 13 16-0090	EA	Additional Set Of Electric Controls, Per Rotor, Add	1,032.20	
11 14 13 16-0091	EA	Indicator Lights, Set, Red/Green, Per Controlled Direction, Add	725.33	
11 14 13 16-0092	EA	Time-Out-Relay, Per Controlled Direction	238.68	
11 14 13 16-0093	EA	Pulse-Relay, Per Controlled Direction	238.68	
11 14 13 16-0094	EA	Pushbutton, Per Controlled Direction	189.08	
11 14 13 16-0095	EA	Heel Protectors, (Per Heel Protector), Add	185.98	
11 14 13 16-0096	EA	Card Reader Mounting Pad, Per Reader	170.48	
11 14 13 16-0097	EA	Hydraulic Speed Control (Per Rotor), Add	4,330.28	
11 14 13 16-0098		Relocate Rotary Gate *(11 14 13 16-0001)*		
11 14 13 16-0099	EA	Relocate Rotary Gate	4,480.26	
11 14 13 19		**Turnstiles** *(11 14 13)*		
11 14 13 19-0001		Turnstiles *(11 14 13 19)*		
11 14 13 19-0002	EA	24" Diameter Manual Turnstile, Three Arm, Two Way	2,762.90	430.11
11 14 13 19-0003	EA	24" Diameter Manual Turnstile, Three Arm, Two Way With Counter	3,635.70	430.11
11 14 16		**Pedestrian Control Devices** *(11 14)*		
11 14 16 00-0001		Retractable Barrier *(11 14 16)*		
11 14 16 00-0002	EA	Wall Mounted, Retractable Belt Barrier With Receiver; 6-1/2' (WG269387BK)	104.15	23.18
11 14 16 00-0003	EA	Wall Mounted, Retractable Belt Barrier With Receiver; 10' (WGB2093791)	186.33	23.18
11 14 16 00-0004	EA	Wall Mounted, Retractable Belt Barrier With Receiver; 15' (WGB2093770)	227.41	23.18
11 14 16 00-0005	EA	Wall Mounted, Retractable Belt Barrier With Receiver; 30' (WGB2093771)	371.22	23.18

11 20 Commercial Equipment *(11)*

11 21 Retail and Service Equipment *(11 20)*

11 21 63 Refrigerated Display Equipment *(11 21)*

11 21 63 00-0001		Dairy Products *(11 21 63)*		
11 21 63 00-0002		Refrigerated Dairy Case *(11 21 63 00-0001)*		
11 21 63 00-0003	LF	Refrigerated Case, Dairy, Multi-Deck	2,004.26	358.81
		For Rear Sliding Doors, Add	*19.95*	
11 21 63 00-0004		Refrigerated Milk Unit *(11 21 63 00-0001)*		
11 21 63 00-0005	EA	46" x 32" x 49-1/2" Capacity: 12, 13" x 13" x 11" Refrigerated Milk Unit	9,938.33	260.48
11 21 63 00-0006		Refrigerated Ice Cream And Milk Dispenser *(11 21 63 00-0001)*		
11 21 63 00-0007	EA	63-1/2" x 28-1/2" x 35-3/8" Refrigerated Ice Cream And Milk Dispenser	11,019.17	286.05
11 21 63 00-0008		Ice Cream Dispenser *(11 21 63 00-0001)*		
11 21 63 00-0009	EA	46" x 28-1/2" x 35-3/8" Refrigerated Ice Cream Dispenser	9,203.23	240.85
11 21 63 00-0010		Drop-In Ice Cream Freezer *(11 21 63 00-0001)*		
11 21 63 00-0011	EA	27-7/8" x 16-9/16" x 28-1/4" 6 Gallon Drop-In Ice Cream Freezer	2,295.10	59.94
11 21 63 00-0012	EA	30" x 27-7/8" x 28-1/4" 12 Gallon Drop-In Ice Cream Freezer	2,999.15	78.38
11 21 63 00-0013		Ice Cream Cabinets *(11 21 63 00-0001)*		
11 21 63 00-0014	EA	46" x 32" x 42", 24 Gallon Ice Cream Cabinet	7,188.48	187.33
11 21 63 00-0015	EA	68" x 32" x 42", 48 Gallon Ice Cream Cabinet	10,239.68	270.35
11 21 63 00-0016		Delicatessen Case, Service Deli *(11 21 63)*		
11 21 63 00-0017	LF	Delicatessen Case, Single-Deck	2,004.06	299.01
11 21 63 00-0018	LF	Delicatessen Case, Multi-Deck	2,232.96	358.81
11 21 63 00-0019	EA	Delicatessen Case, 3 Shelf, 32" x 23" x 23"	2,648.87	80.25
11 21 63 00-0020		Meat Case *(11 21 63)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 21 63 00-0021	LF	Meat Case, Single - Deck	1,458.30	358.81
11 21 63 00-0022	LF	Meat Case, Multi - Deck	1,581.14	358.81
11 21 63 00-0023		**Produce Case** *(11 21 63)*		
11 21 63 00-0024	LF	Single Deck Produce Case	1,521.72	358.81
11 21 63 00-0025	LF	Multi-Deck Produce Case	1,682.32	358.81
11 21 63 00-0026		**Bottle Coolers** *(11 21 63)*		
11 21 63 00-0027	EA	Bottle Cooler, 6' Long	5,678.79	1,196.02
11 21 63 00-0028	EA	Bottle Cooler, 10' Long	8,539.49	1,794.03
11 21 63 00-0029		**Cold Pan Units** *(11 21 63)*		
11 21 63 00-0030	EA	5" x 48", Iced, Cold Pan Units	3,679.13	95.39
11 21 63 00-0031	EA	5" x 72", Iced, Cold Pan Units	5,111.41	133.45
11 21 63 00-0032	EA	8" x 72", Iced, Cold Pan Units	6,043.63	157.83
11 21 63 00-0033	EA	5" x 48", Mechanical, Cold Pan Units	6,212.89	163.07
11 21 63 00-0034	EA	8" x 48", Mechanical, Cold Pan Units	6,762.27	176.03
11 21 63 00-0035	EA	8" x 72", Mechanical, Cold Pan Units	8,035.15	208.02
11 21 63 00-0036		**Cold Cabinets (Insulated)** *(11 21 63)*		
11 21 63 00-0037	EA	69-3/4" x 32" x 24", Insulated Cold Cabinet	3,341.24	82.54

11 22 Banking Equipment *(11 20)*

11 22 13 Vault Equipment *(11 22)*

11 22 13 16 Safes *(11 22 13)*

11 22 13 16-0001 In Room Safes *(11 22 13 16)*

11 22 13 16-0002	EA	8-1/8" x 7-3/16" x 10-3/16" Keypad Operated In Room Electronic Safe (SafeDecisions Sentinel 25)	843.86	11.38
11 22 13 16-0003	EA	8-1/8" x 7-3/16" x 16-5/8" Keypad Operated In Room Electronic Safe (SafeDecisions Sentinel 41)	789.50	11.38
11 22 13 16-0004	EA	8-1/8" x 7-3/16" x 19-13/16" Keypad Operated In Room Electronic Safe (SafeDecisions Sentinel 49)	822.12	11.38
11 22 13 16-0005	EA	8-1/8" x 7-3/16" x 10-3/16" Keypad (Lighted) Operated In Room Electronic Safe (SafeDecisions Infinity 25) Note: Keypad lights up blue and beeps when buttons pushed. Includes light on inside of safe door.	919.96	11.38
11 22 13 16-0006	EA	8-1/8" x 7-3/16" x 16-5/8" Keypad (Lighted) Operated In Room Electronic Safe (SafeDecisions Infinity 41) Note: Keypad lights up blue and beeps when buttons pushed. Includes light on inside of safe door.	952.58	11.38
11 22 13 16-0007	EA	8-1/8" x 7-3/16" x 19-13/16" Keypad (Lighted) Operated In Room Electronic Safe (SafeDecisions Infinity 49) Note: Keypad lights up blue and beeps when buttons pushed. Includes light on inside of safe door.	985.20	11.38
11 22 13 16-0008	EA	7-5/8" x 14" x 10-11/16" Keypad Operated In Drawer Electronic Safe (SafeDecisions X-Tra II-XD 27) Note: Includes security wire.	624.66	14.23
11 22 13 16-0009	EA	7-5/8" x 14" x 17-1/2" Keypad Operated In Drawer Electronic Safe (SafeDecisions X-Tra II-XD 43) Note: Includes security wire.	646.40	14.23
11 22 13 16-0010	EA	7-5/8" x 14" x 20-3/16" Keypad Operated In Drawer Electronic Safe (SafeDecisions X-Tra II-XD 50) Note: Includes security wire.	668.15	14.23

11 30 Residential Equipment *(11)*

11 30 13 Residential Appliances *(11 30)*

11 30 13 13 Residential Kitchen Appliances *(11 30 13)*

Note: Includes standard colors. Excludes stainless steel.

11 30 13 13-0001 Ranges With Ovens *(11 30 13 13)*

Note: Free standing or slide in.

11 30 13 13-0002 Electric Ranges With Ovens *(11 30 13 13-0001)*

11 30 13 13-0003	EA	20" Electric Range With Oven	865.93	103.00
		For Stainless Steel, Add	*164.98*	
11 30 13 13-0004	EA	24" Electric Range With Oven	903.75	103.00
		For Stainless Steel, Add	*174.44*	
11 30 13 13-0005	EA	30" Electric Range With Oven	857.47	103.00
		For Stainless Steel, Add	*188.62*	
11 30 13 13-0006	EA	30" Free-Standing Electric Range With Oven (Hotpoint® RB525DHWW)	1,033.54	103.00

11 30 13 13-0007 Gas Ranges With Ovens *(11 30 13 13-0001)*

11 30 13 13-0008	EA	20" Gas Range With Oven	960.48	103.00
		For Stainless Steel, Add	*188.62*	
11 30 13 13-0009	EA	24" Gas Range With Oven (Hot Point model # RGA724EKWH, White)	1,009.64	103.00
		For Stainless Steel, Add	*200.91*	
11 30 13 13-0010	EA	30" Gas Range With Oven (Kenmore Model # 72902 - White)	1,055.02	103.00
		For Stainless Steel, Add	*212.25*	

11 30 13 13-0011 Range Hoods *(11 30 13 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 30 13 13-0012		**Venting Range Hoods** *(11 30 13 13-0011)*		
11 30 13 13-0013	EA	21" Venting Range Hood (Broan 40000)	303.30	77.26
		For Stainless Steel, Add	*22.32*	
11 30 13 13-0014	EA	24" Venting Range Hood (Broan 40000)	281.20	77.26
		For Stainless Steel, Add	*19.00*	
11 30 13 13-0015	EA	30" Venting Range Hood (Broan 40000/42000)	277.32	77.26
		For Stainless Steel, Add	*18.42*	
11 30 13 13-0016	EA	36" Venting Range Hood (Broan 40000/42000)	281.20	77.26
		For Stainless Steel, Add	*19.00*	
11 30 13 13-0017		**Non-Ducted Range Hoods** *(11 30 13 13-0011)*		
11 30 13 13-0018	EA	21" Non-Ducted Range Hood (Broan 41000)	306.16	77.26
		For Stainless Steel, Add	*22.75*	
11 30 13 13-0019	EA	24" Non-Ducted Range Hood (Broan 41000)	284.13	77.26
		For Stainless Steel, Add	*19.44*	
11 30 13 13-0020	EA	30" Non-Ducted Range Hood (Broan 41000/46000)	280.24	77.26
		For Stainless Steel, Add	*18.86*	
11 30 13 13-0021	EA	36" Non-Ducted Range Hood (Broan 41000/46000)	284.13	77.26
		For Stainless Steel, Add	*19.44*	
11 30 13 13-0022		**Microwaves** *(11 30 13 13)*		
11 30 13 13-0023		**Countertop Microwaves** *(11 30 13 13-0022)*		
11 30 13 13-0024	EA	1.1 CF Countertop Microwave Oven	180.80	12.88
		For Stainless Steel, Add	*23.26*	
11 30 13 13-0025	EA	1.2 CF Countertop Microwave Oven	214.82	12.88
		For Stainless Steel, Add	*28.36*	
11 30 13 13-0026	EA	1.3 CF Countertop Microwave Oven	220.49	12.88
		For Stainless Steel, Add	*29.21*	
11 30 13 13-0027	EA	1.4 CF Countertop Microwave Oven	269.68	12.88
		For Stainless Steel, Add	*36.59*	
11 30 13 13-0028	EA	1.5 CF Countertop Microwave Oven	288.59	12.88
		For Stainless Steel, Add	*39.43*	
11 30 13 13-0029	EA	1.6 CF Countertop Microwave Oven	307.49	12.88
		For Stainless Steel, Add	*42.26*	
11 30 13 13-0030	EA	1.7 CF Countertop Microwave Oven	326.40	12.88
		For Stainless Steel, Add	*45.10*	
11 30 13 13-0031	EA	1.8 CF Countertop Microwave Oven	345.31	12.88
		For Stainless Steel, Add	*47.93*	
11 30 13 13-0032	EA	2.0 CF Countertop Microwave Oven	366.09	12.88
		For Stainless Steel, Add	*51.05*	
11 30 13 13-0033		**Over-The-Range Microwaves** *(11 30 13 13-0022)*		
11 30 13 13-0034	EA	1.5 CF Over-The Range Microwave	637.79	102.99
		For Stainless Steel, Add	*72.50*	
11 30 13 13-0035	EA	1.6 CF Over-The Range Microwave	719.87	102.99
		For Stainless Steel, Add	*84.81*	
11 30 13 13-0036	EA	1.7 CF Over-The Range Microwave	746.32	102.99
		For Stainless Steel, Add	*88.77*	
11 30 13 13-0037	EA	1.8 CF Over-The Range Microwave	944.87	102.99
		For Stainless Steel, Add	*118.56*	
11 30 13 13-0038	EA	2.0 CF Over-The Range Microwave	757.69	102.99
		For Stainless Steel, Add	*90.48*	
11 30 13 13-0039	EA	1.6 CF Over-the-Range Microwave (Hotpoint® RVM5160DHWW)	525.12	77.25
11 30 13 13-0040		**Trash Compactors** *(11 30 13 13)*		
11 30 13 13-0041	EA	15" Built-In Trash Compactor, 4 To 1 Compaction	1,433.20	103.00
		For Stainless Steel, Add	*220.89*	
11 30 13 13-0042		**Refrigerators** *(11 30 13 13)*		
11 30 13 13-0043		**Top Freezer Refrigerators** *(11 30 13 13-0042)*		
11 30 13 13-0044	EA	Up To 10 CF Top Freezer Refrigerator	708.07	51.51
		For Stainless Steel, Add	*90.76*	
11 30 13 13-0045	EA	>10 To 12 CF Top Freezer Refrigerator	857.47	51.51
		For Stainless Steel, Add	*113.17*	
11 30 13 13-0046	EA	>12 To 14 CF Top Freezer Refrigerator	953.89	51.51
		For Stainless Steel, Add	*127.63*	
11 30 13 13-0047	EA	>14 To 16 CF Top Freezer Refrigerator	1,010.61	51.51
		For Stainless Steel, Add	*136.14*	
11 30 13 13-0048	EA	>16 To 18 CF Top Freezer Refrigerator	1,161.89	51.51
		For Stainless Steel, Add	*158.83*	
11 30 13 13-0049	EA	>18 To 20 CF Top Freezer Refrigerator	1,292.38	51.51
		For Stainless Steel, Add	*178.41*	
11 30 13 13-0050	EA	>20 To 22 CF Top Freezer Refrigerator	1,388.79	51.51
		For Stainless Steel, Add	*192.87*	
11 30 13 13-0051	EA	14.6 CF, Top-Freezer Refrigerator (Hotpoint® ENERGY STAR® HPE15BTHWW)	1,375.68	51.51

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 30 13 13-0052		**Side-By-Side Refrigerators** *(11 30 13 13-0042)*		
11 30 13 13-0053	EA	Up To 22 CF Side-By-Side Refrigerator	1,426.40	51.51
		For Stainless Steel, Add	*198.51*	
11 30 13 13-0054	EA	>22 To 24 CF Side-By-Side Refrigerator	1,766.97	51.51
		For Stainless Steel, Add	*249.60*	
11 30 13 13-0055	EA	>24 To 26 CF Side-By-Side Refrigerator	1,993.88	51.51
		For Stainless Steel, Add	*283.63*	
11 30 13 13-0056		**Other Refrigerators** *(11 30 13 13-0042)*		
11 30 13 13-0057	EA	1.7 CF Dormitory Sized Refrigerator	237.01	25.75
		For Stainless Steel, Add	*27.83*	
11 30 13 13-0058	EA	4.4 CF Dormitory Sized Refrigerator	322.10	25.75
		For Stainless Steel, Add	*40.59*	
11 30 13 13-0059		**Freezers** *(11 30 13 13)*		
11 30 13 13-0060		**Upright Freezers** *(11 30 13 13-0059)*		
11 30 13 13-0061	EA	Up To 10 CF Upright Freezer	668.38	51.51
		For Stainless Steel, Add	*84.81*	
11 30 13 13-0062	EA	>10 To 12 CF Upright Freezer	857.47	51.51
		For Stainless Steel, Add	*113.17*	
11 30 13 13-0063	EA	>12 To 14 CF Upright Freezer	914.20	51.51
		For Stainless Steel, Add	*121.68*	
11 30 13 13-0064	EA	>14 To 16 CF Upright Freezer	1,046.56	51.51
		For Stainless Steel, Add	*141.53*	
11 30 13 13-0065	EA	>16 To 18 CF Upright Freezer	1,199.70	51.51
		For Stainless Steel, Add	*164.51*	
11 30 13 13-0066	EA	>18 To 20 CF Upright Freezer	1,275.36	51.51
		For Stainless Steel, Add	*175.85*	
11 30 13 13-0067	EA	>20 To 22 CF Upright Freezer	1,332.07	51.51
		For Stainless Steel, Add	*184.36*	
11 30 13 13-0068		**Chest Freezers** *(11 30 13 13-0059)*		
11 30 13 13-0069	EA	Up To 8 CF Chest Freezer	537.89	51.51
		For Stainless Steel, Add	*65.23*	
11 30 13 13-0070	EA	>8 To 10 CF Chest Freezer	670.25	51.51
		For Stainless Steel, Add	*85.09*	
11 30 13 13-0071	EA	>10 To 12 CF Chest Freezer	717.54	51.51
		For Stainless Steel, Add	*92.18*	
11 30 13 13-0072	EA	>12 To 14 CF Chest Freezer	802.61	51.51
		For Stainless Steel, Add	*104.94*	
11 30 13 13-0073	EA	>14 To 16 CF Chest Freezer	857.47	51.51
		For Stainless Steel, Add	*113.17*	
11 30 13 13-0074	EA	>16 To 18 CF Chest Freezer	1,046.56	51.51
		For Stainless Steel, Add	*141.53*	
11 30 13 13-0075	EA	>18 To 20 CF Chest Freezer	1,292.38	51.51
		For Stainless Steel, Add	*178.41*	
11 30 13 13-0076	EA	>20 To 22 CF Chest Freezer	1,332.07	51.51
		For Stainless Steel, Add	*184.36*	
11 30 13 13-0077		**Automatic Ice Makers** *(11 30 13 13)*		
11 30 13 13-0078	EA	15" Wide, 50 Lb. Per Day, Automatic Ice Maker	2,471.31	103.00
11 30 13 13-0079	EA	18" Wide, 50 Lb. Per Day, Automatic Ice Maker	2,754.94	103.00
11 30 13 13-0080		**Built-In Dishwashers** *(11 30 13 13)*		
11 30 13 13-0081	EA	18" Built-In Dishwasher	1,208.17	103.00
		For Stainless Steel, Add	*150.32*	
11 30 13 13-0082	EA	24" Built-In Dishwasher	811.08	103.00
		For Stainless Steel, Add	*90.76*	
11 30 13 13-0083		**Removal And Reinstallation Of Kitchen Equipment** *(11 30 13 13)*		
		Note: Includes storage, cleaning and final connections.		
11 30 13 13-0084	EA	Removal And Reinstallation Of Garbage Disposal	154.51	
11 30 13 13-0085	EA	Removal And Reinstallation Of Stove/Range	309.02	
11 30 13 13-0086	EA	Removal And Reinstallation Of Dishwasher	329.62	
11 30 13 13-0087	EA	Removal And Reinstallation Of Range Hood	154.51	
11 30 13 13-0088	EA	Removal And Reinstallation Of Washer And Dryer	257.52	
11 30 13 13-0089		**Appliance Repair** *(11 30 13 13)*		
		Note: Includes removal.		
11 30 13 13-0090	EA	8" Burner Replacement	34.22	
11 30 13 13-0091	EA	4" Burner Element Replacement	59.85	
11 30 13 13-0092	EA	8" Burner Element Replacement	68.89	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 30 13 13-0093	EA	Burner Manifold Replacement	235.33	
11 30 13 13-0094	EA	Burner Switch Replacement	95.10	
11 30 13 13-0095	EA	Burner Tube, 5/8" x 4' Replacement	44.94	
11 30 13 13-0096	EA	Oven Control Replacement	113.91	
11 30 13 13-0097	EA	Oven Door Gasket Replacement	46.26	
11 30 13 13-0098	EA	Oven Element Replacement	106.83	
11 30 13 13-0099	EA	Oven Igniter Replacement	76.91	
11 30 13 13-0100	EA	Oven Knobs Replacement	58.60	
11 30 13 13-0101		Accessories *(11 30 13 13)*		
11 30 13 13-0102	SF	Colored Metal Range Splash Plate	19.20	4.12
11 30 13 13-0103	SF	Stainless Steel Range Splash Plate	28.01	4.12
11 30 13 13-0104		Automatic Water Softener *(11 30 13 13)*		
11 30 13 13-0105	EA	30,000 Grain Capacity, Water Softener (Whirlpool WHES30)	1,256.22	220.18
11 30 13 13-0106	EA	40,000 Grain Capacity, Water Softener (Whirlpool WHES40)	1,488.49	220.18
11 30 13 23		**Residential Laundry Appliances** *(11 30 13)*		
11 30 13 23-0001		Washing Machines And Dryers *(11 30 13 23)*		
11 30 13 23-0002		Washing Machines *(11 30 13 23-0001)*		
11 30 13 23-0003	EA	Up To 3.5 CF, Top Load Washing Machine	929.76	103.00
11 30 13 23-0004	EA	>3.5 To 4 CF, Top Load Washing Machine	1,478.12	103.00
11 30 13 23-0005	EA	>4 To 5 CF, Top Load Washing Machine	1,950.85	103.00
11 30 13 23-0006		Dryers *(11 30 13 23-0001)*		
11 30 13 23-0007		Electric Dryers *(11 30 13 23-0006)*		
11 30 13 23-0008	EA	Up To 6 CF, Electric Dryer	719.89	103.00
11 30 13 23-0009	EA	>6 To 6.5 CF, Electric Dryer	910.85	103.00
11 30 13 23-0010	EA	>6.5 To 7 CF, Electric Dryer	1,118.85	103.00
11 30 13 23-0011	EA	>7 To 7.5 CF, Electric Dryer	1,270.12	103.00
11 30 13 23-0012		Gas Dryers *(11 30 13 23-0006)*		
11 30 13 23-0013	EA	Up To 6 CF, Gas Dryer	854.12	103.00
11 30 13 23-0014	EA	>6 To 6.5 CF, Gas Dryer	1,043.21	103.00
11 30 13 23-0015	EA	>6.5 To 7 CF, Gas Dryer	1,232.10	103.00
11 30 13 23-0016	EA	>7 To 7.5 CF, Gas Dryer	1,402.49	103.00
11 30 13 23-0017		Stacked Washer And Dryers *(11 30 13 23-0001)*		
11 30 13 23-0018	EA	27" Wide x 75-1/2" High, Stacked Top Load Washing Machine And Electric Dryer (Frigidare GLET 1031FS)	2,059.55	180.26
11 30 33		**Retractable Stairs** *(11 30)*		
11 30 33 00-0001		Disappearing Folding Access Stairs *(11 30 33)*		
11 30 33 00-0002		250 Lb. Capacity, Wood Folding Access Stairs *(11 30 33 00-0001)*		
11 30 33 00-0003	EA	22-1/2" x 54" Rough Opening, 7' To 8' 9" Ceiling Height, Wood Folding Access Stairs, 250 Lb. Capacity	841.30	227.76
11 30 33 00-0004	EA	22-1/2" x 54" Rough Opening, 8' 9" To 10' 4" Ceiling Height, Wood Folding Access Stairs, 250 Lb. Capacity	859.84	227.76
11 30 33 00-0005	EA	25-1/2" x 54" Rough Opening, 7' To 8' 9" Ceiling Height, Wood Folding Access Stairs, 250 Lb. Capacity	859.84	227.76
11 30 33 00-0006	EA	25-1/2" x 54" Rough Opening, 8' 9" To 10' 4" Ceiling Height, Wood Folding Access Stairs, 250 Lb. Capacity	877.93	227.76
11 30 33 00-0007		350 Lb. Capacity, Wood Folding Access Stairs *(11 30 33 00-0001)*		
11 30 33 00-0008	EA	22-1/2" x 54" Rough Opening, 7' To 8' 9" Ceiling Height, Wood Folding Access Stairs, 350 Lb. Capacity	1,010.60	227.76
11 30 33 00-0009	EA	22-1/2" x 54" Rough Opening, 8' 9" To 10' 3" Ceiling Height, Wood Folding Access Stairs, 350 Lb. Capacity	1,048.09	227.76
11 30 33 00-0010	EA	25-1/2" x 54" Rough Opening, 7' To 8' 9" Ceiling Height, Wood Folding Access Stairs, 350 Lb. Capacity	1,032.68	227.76
11 30 33 00-0011	EA	25-1/2" x 54" Rough Opening, 8' 9" To 10' 3" Ceiling Height, Wood Folding Access Stairs, 350 Lb. Capacity	1,068.51	227.76
11 30 33 00-0012	EA	30" x 54" Rough Opening, 7' To 8' 9" Ceiling Height, Wood Folding Access Stairs, 350 Lb. Capacity	1,054.09	227.76
11 30 33 00-0013	EA	30" x 54" Rough Opening, 8' 9" To 10' 4" Ceiling Height, Wood Folding Access Stairs, 350 Lb. Capacity	1,116.02	227.76
11 30 33 00-0014		350 Lb. Capacity, Wood Folding Access Stairs *(11 30 33 00-0001)* Note: 1 x 6 treads, 1 x 5 stringers. Bessler Stairway Company, Model Space Saver.		
11 30 33 00-0015	EA	22-1/2" x 48" Rough Opening, 8' 5" Ceiling Height, Wood Folding Access Stairs, 350 Lb. Capacity	1,316.82	227.76
11 30 33 00-0016	EA	22-1/2" x 54" Rough Opening, 8' 9" Ceiling Height, Wood Folding Access Stairs, 350 Lb. Capacity	1,369.02	227.76
11 30 33 00-0017	EA	22-1/2" x 54" Rough Opening, 10' Ceiling Height, Wood Folding Access Stairs, 350 Lb. Capacity	1,421.22	227.76
11 30 33 00-0018	EA	22-1/2" x 60" Rough Opening, 9' 3" Ceiling Height, Wood Folding Access Stairs, 350 Lb. Capacity	1,421.22	227.76
11 30 33 00-0019	EA	22-1/2" x 60" Rough Opening, 10' Ceiling Height, Wood Folding Access Stairs, 350 Lb. Capacity	1,447.32	227.76
11 30 33 00-0020	EA	25-1/2" x 48" Rough Opening, 8' 5" Ceiling Height, Wood Folding Access Stairs, 350 Lb. Capacity	1,345.29	227.76
11 30 33 00-0021	EA	25-1/2" x 54" Rough Opening, 8' 9" Ceiling Height, Wood Folding Access Stairs, 350 Lb. Capacity	1,397.49	227.76
11 30 33 00-0022	EA	25-1/2" x 54" Rough Opening, 10' Ceiling Height, Wood Folding Access Stairs, 350 Lb. Capacity	1,449.69	227.76
11 30 33 00-0023	EA	25-1/2" x 60" Rough Opening, 9' 3" Ceiling Height, Wood Folding Access Stairs, 350 Lb. Capacity	1,449.69	227.76

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 30 33 00-0024	EA	25-1/2" x 60" Rough Opening, 10' Ceiling Height, Wood Folding Access Stairs, 350 Lb. Capacity	1,475.79	227.76
11 30 33 00-0025	EA	30" x 54" Rough Opening, 8' 9" Ceiling Height, Wood Folding Access Stairs, 350 Lb. Capacity	1,504.26	227.76
11 30 33 00-0026	EA	30" x 54" Rough Opening, 10' Ceiling Height, Wood Folding Access Stairs, 350 Lb. Capacity	1,556.46	227.76
11 30 33 00-0027	EA	30" x 60" Rough Opening, 8' 9" Ceiling Height, Wood Folding Access Stairs, 350 Lb. Capacity	1,660.86	227.76
11 30 33 00-0028	EA	30" x 60" Rough Opening, 9' 3" Ceiling Height, Wood Folding Access Stairs, 350 Lb. Capacity	1,686.96	227.76
11 30 33 00-0029	EA	30" x 60" Rough Opening, 10' Ceiling Height, Wood Folding Access Stairs, 350 Lb. Capacity	1,713.06	227.76
11 30 33 00-0030	EA	30" x 60" Rough Opening, 10' 6" Ceiling Height, Wood Folding Access Stairs, 350 Lb. Capacity	1,739.16	227.76
11 30 33 00-0031		**400 Lb. Capacity, Wood One Piece Pull Down Access Stairs** *(11 30 33 00-0001)*		
		Note: Ladder width 17 1/16", 1x4 treads, 1x4 stringers. Bessler Stairway Company, Model 20.		
11 30 33 00-0032	EA	24" x 48" Rough Opening, 7' 7" To 7' 10" Ceiling Height, Wood One Piece Pull Down Access Stairs, 400 Lb. Capacity	2,109.29	227.76
11 30 33 00-0033	EA	24" x 48" Rough Opening, 7' 11" To 8' 4" Ceiling Height, Wood One Piece Pull Down Access Stairs, 400 Lb. Capacity	2,187.59	227.76
11 30 33 00-0034	EA	24" x 48" Rough Opening, 8' 5" To 8' 10" Ceiling Height, Wood One Piece Pull Down Access Stairs, 400 Lb. Capacity	2,265.89	227.76
11 30 33 00-0035	EA	24" x 48" Rough Opening, 8' 11" To 9' 4" Ceiling Height, Wood One Piece Pull Down Access Stairs, 400 Lb. Capacity	2,318.09	227.76
11 30 33 00-0036		**600 Lb. Capacity, Wood One Piece Pull Down Access Stairs** *(11 30 33 00-0001)*		
		Note: Ladder width 17 1/16", 1x6 treads, 1x6 stringers. Bessler Stairway Company, Model 40.		
11 30 33 00-0037	EA	24" x 66" Rough Opening, 7' 7" To 7' 10" Ceiling Height, Wood One Piece Pull Down Access Stairs, 600 Lb. Capacity	2,500.79	227.76
		For Ladder Width 18 7/8" Wide, Add	*289.71*	
11 30 33 00-0038	EA	24" x 66" Rough Opening, 7' 11" To 8' 4" Ceiling Height, Wood One Piece Pull Down Access Stairs, 600 Lb. Capacity	2,552.99	227.76
		For Ladder Width 18 7/8" Wide, Add	*297.54*	
11 30 33 00-0039	EA	24" x 66" Rough Opening, 8' 5" To 8' 10" Ceiling Height, Wood One Piece Pull Down Access Stairs, 600 Lb. Capacity	2,579.09	227.76
		For Ladder Width 18 7/8" Wide, Add	*301.46*	
11 30 33 00-0040	EA	24" x 66" Rough Opening, 8' 11" To 9' 4" Ceiling Height, Wood One Piece Pull Down Access Stairs, 600 Lb. Capacity	2,657.39	227.76
		For Ladder Width 18 7/8" Wide, Add	*313.20*	
11 30 33 00-0041	EA	24" x 72" Rough Opening, 9' 5" To 9' 10" Ceiling Height, Wood One Piece Pull Down Access Stairs, 600 Lb. Capacity	2,818.74	227.76
		For Ladder Width 18 7/8" Wide, Add	*328.86*	
11 30 33 00-0042	EA	24" x 72" Rough Opening, 9' 11" To 10' 4" Ceiling Height, Wood One Piece Pull Down Access Stairs, 600 Lb. Capacity	2,949.24	227.76
		For Ladder Width 18 7/8" Wide, Add	*348.44*	
11 30 33 00-0043	EA	24" x 72" Rough Opening, 10' 5" To 10' 10" Ceiling Height, Wood One Piece Pull Down Access Stairs, 600 Lb. Capacity	3,079.74	227.76
		For Ladder Width 18 7/8" Wide, Add	*368.01*	
11 30 33 00-0044		**800 Lb. Capacity, Wood One Piece Pull Down Access Stairs** *(11 30 33 00-0001)*		
		Note: Ladder width 18 7/8", 1x8 treads, 1x8 stringers. Bessler Stairway Company, Model 100.		
11 30 33 00-0045	EA	30" x 70" Rough Opening, 7' 7" To 7' 10" Ceiling Height, Wood One Piece Pull Down Access Stairs, 800 Lb. Capacity	4,750.14	227.76
11 30 33 00-0046	EA	30" x 70" Rough Opening, 7' 11" To 8' 4" Ceiling Height, Wood One Piece Pull Down Access Stairs, 800 Lb. Capacity	4,802.34	227.76
11 30 33 00-0047	EA	30" x 70" Rough Opening, 8' 5" To 8' 10" Ceiling Height, Wood One Piece Pull Down Access Stairs, 800 Lb. Capacity	4,854.54	227.76
11 30 33 00-0048	EA	30" x 72" Rough Opening, 8' 11" To 9' 4" Ceiling Height, Wood One Piece Pull Down Access Stairs, 800 Lb. Capacity	4,985.04	227.76
11 30 33 00-0049	EA	30" x 76" Rough Opening, 9' 5" To 9' 10" Ceiling Height, Wood One Piece Pull Down Access Stairs, 800 Lb. Capacity	5,120.27	227.76
11 30 33 00-0050	EA	30" x 80" Rough Opening, 9' 11" To 10' 4" Ceiling Height, Wood One Piece Pull Down Access Stairs, 800 Lb. Capacity	5,198.57	227.76
11 30 33 00-0051	EA	30" x 84" Rough Opening, 10' 5" To 10' 10" Ceiling Height, Wood One Piece Pull Down Access Stairs, 800 Lb. Capacity	5,329.07	227.76
11 30 33 00-0052	EA	30" x 87" Rough Opening, 10' 11" To 11' 4" Ceiling Height, Wood One Piece Pull Down Access Stairs, 800 Lb. Capacity	5,568.72	227.76
11 30 33 00-0053	EA	30" x 90" Rough Opening, 11' 5" To 11' 10" Ceiling Height, Wood One Piece Pull Down Access Stairs, 800 Lb. Capacity	5,803.62	227.76
11 30 33 00-0054	EA	30" x 93" Rough Opening, 11' 11" To 12' 4" Ceiling Height, Wood One Piece Pull Down Access Stairs, 800 Lb. Capacity	6,090.72	227.76
11 30 33 00-0055	EA	30" x 96" Rough Opening, 12' 5" To 12' 10" Ceiling Height, Wood One Piece Pull Down Access Stairs, 800 Lb. Capacity	6,351.72	227.76
11 30 33 00-0056		**300 Lb. Capacity, Aluminum Folding Access Stairs** *(11 30 33 00-0001)*		
11 30 33 00-0057	EA	22-1/2" x 54" Rough Opening, 7' To 8' 9" Ceiling Height, Aluminum Folding Access Stairs, 300 Lb. Capacity	794.11	227.76
11 30 33 00-0058	EA	22-1/2" x 54" Rough Opening, 8' 9" To 10' 4" Ceiling Height, Aluminum Folding Access Stairs, 300 Lb. Capacity	825.61	227.76
11 30 33 00-0059	EA	25-1/2" x 54" Rough Opening, 7' To 8' 9" Ceiling Height, Aluminum Folding Access Stairs, 300 Lb. Capacity	802.88	227.76
11 30 33 00-0060	EA	25-1/2" x 54" Rough Opening, 8' 9" To 10' 4" Ceiling Height, Aluminum Folding Access Stairs, 300 Lb. Capacity	834.38	227.76
11 30 33 00-0061	EA	25-1/2" x 54" Rough Opening, 10' 5" To 12' Ceiling Height, Aluminum Folding Access Stairs, 300 Lb. Capacity	1,009.78	227.76
11 30 33 00-0062		**300 Lb. Capacity, Steel Folding Access Stairs** *(11 30 33 00-0001)*		
11 30 33 00-0063	EA	22-1/2" x 54" Rough Opening, 7' 3" To 8' 4" Ceiling Height, Steel Folding Access Stairs, 300 Lb. Capacity	864.74	227.76
11 30 33 00-0064	EA	22-1/2" x 54" Rough Opening, 8' 4" To 10' 3" Ceiling Height, Steel Folding Access Stairs, 300 Lb. Capacity	908.19	227.76

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 32 Unit Kitchens *(11 30)*				
11 32 13 Metal Unit Kitchens *(11 32)*		Note: Includes electrical hook-up to outlet, supply line connection to service stops, and drain line and p-trap. Excludes garbage disposer and hood exhaust vent piping.		
11 32 13 00-0001		30" Compact Kitchen *(11 32 13)*		
11 32 13 00-0002	EA	30" Compact Unit Kitchen With Refrigerator, Range And Sink	2,728.16	597.78
		For Gas Unit, Add	*289.67*	
11 32 13 00-0003	EA	30" Compact Unit Kitchen With Refrigerator And Sink	2,318.55	418.44
11 32 13 00-0004	EA	30" Compact Unit Kitchen With Refrigerator And Range	2,121.01	358.67
11 32 13 00-0005	EA	30" Compact Unit Kitchen Cabinet For Upper Wall Section	653.43	170.75
		For Range Hood In Upper Section, Add	*179.00*	
11 32 13 00-0006	EA	30" Compact Unit Kitchen Cabinet With Microwave And Hood Combination For Upper Wall Section	1,337.83	227.66
		For Range Hood In Upper Section, Add	*179.00*	
11 32 13 00-0007	EA	30" Compact Unit Kitchen Stainless Steel Shield For Rear Wall	89.80	20.60
11 32 13 00-0008	EA	30" Compact Unit Kitchen Stainless Steel Shield For Side Wall	81.16	20.60
11 32 13 00-0009		42" Compact Kitchen *(11 32 13)*		
11 32 13 00-0010	EA	42" Compact Unit Kitchen With Refrigerator, Range And Sink	3,176.28	657.56
		For Gas Unit, Add	*344.93*	
11 32 13 00-0011	EA	42" Compact Unit Kitchen With Refrigerator And Sink	2,864.39	538.00
11 32 13 00-0012	EA	42" Compact Unit Kitchen Cabinet For Upper Wall Section	828.94	193.52
		For Range Hood In Upper Section, Add	*179.00*	
11 32 13 00-0013	EA	42" Compact Unit Kitchen Cabinet With Microwave And Hood Combination For Upper Wall Section	1,552.01	256.12
		For Range Hood In Upper Section, Add	*179.00*	
11 32 13 00-0014	EA	42" Compact Unit Kitchen Stainless Steel Shield For Rear Wall	107.31	20.60
11 32 13 00-0015	EA	42" Compact Unit Kitchen Stainless Steel Shield For Side Wall	90.30	20.60
11 32 13 00-0016		54" Compact Kitchen *(11 32 13)*		
11 32 13 00-0017	EA	54" Compact Unit Kitchen With Refrigerator, Oven, Range And Sink	4,299.17	836.89
		For Gas Unit, Add	*477.50*	
11 32 13 00-0018	EA	54" Compact Unit Kitchen Cabinet For Upper Wall Section	1,027.20	113.83
		For Range Hood In Upper Section, Add	*179.00*	
11 32 13 00-0019	EA	54" Compact Unit Kitchen Cabinet With Microwave And Hood Combination For Upper Wall Section	1,725.89	284.59
		For Range Hood In Upper Section, Add	*179.00*	
11 32 13 00-0020	EA	54" Compact Unit Kitchen Stainless Steel Shield For Rear Wall	124.58	20.60
11 32 13 00-0021	EA	54" Compact Unit Kitchen Stainless Steel Shield For Side Wall	94.20	20.60
11 32 13 00-0022		60" Compact Kitchen *(11 32 13)*		
11 32 13 00-0023	EA	60" Compact Unit Kitchen With Refrigerator, Oven, Range, And Sink	4,522.70	896.67
		For Gas Unit, Add	*499.07*	
11 32 13 00-0024	EA	60" Compact Unit Kitchen Cabinet For Upper Wall Section	1,219.01	284.59
		For Range Hood In Upper Section, Add	*179.00*	
11 32 13 00-0025	EA	60" Compact Unit Kitchen Stainless Steel Shield For Rear Wall	131.87	20.60
11 32 13 00-0026	EA	60" Compact Unit Kitchen Stainless Steel Shield For Side Wall	94.20	20.60
11 32 13 00-0027		72" Compact Kitchen *(11 32 13)*		
11 32 13 00-0028	EA	72" Compact Unit Kitchen With Refrigerator, Oven, Range And Sink	4,850.21	956.45
		For Gas Unit, Add	*536.24*	
11 32 13 00-0029	EA	72" Compact Unit Kitchen Cabinet For Upper Wall Section	1,488.80	341.50
		For Range Hood In Upper Section, Add	*179.00*	
11 32 13 00-0030	EA	72" Compact Unit Kitchen Stainless Steel Shield For Rear Wall	153.56	25.75
11 32 13 00-0031	EA	72" Compact Unit Kitchen Stainless Steel Shield For Side Wall	98.88	25.75
11 40 Foodservice Equipment *(11)*				
11 41 Foodservice Storage Equipment *(11 40)*				
11 41 13 Refrigerated Food Storage Cases *(11 41)*				
11 41 13 00-0001		Frozen Food Cases *(11 41 13)*		
11 41 13 00-0002	LF	Chest Type Frozen Food Case	1,510.51	358.81
11 41 13 00-0003	LF	Reach-in Frozen Food Case (Glass Door)	2,939.82	358.81
11 41 13 00-0004	LF	Island Type Frozen Food Case	1,762.05	358.81
11 41 13 00-0005	LF	Multi-Deck Frozen Food Case	2,818.09	358.81
11 41 13 00-0006		Reach-In Refrigeration *(11 41 13)*		
11 41 13 00-0007		Reach-In Refrigerators *(11 41 13 00-0006)*		
11 41 13 00-0008	EA	Single Section, 24.2 CF, Full Door, Self Contained, Reach-In Refrigerator	7,135.37	187.01
11 41 13 00-0009	EA	Two Section, 46.0 CF, Full Door, Self Contained, Reach-In Refrigerator	8,786.26	235.87
11 41 13 00-0010	EA	Three Section, 69.1 CF, Full Door, Self Contained, Reach-In Refrigerator	11,766.68	260.58
11 41 13 00-0011	EA	Single Section, Glass Door, 24.2 CF, Full Door, Self Contained, Reach-In Refrigerator	6,137.14	187.01

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 13 00-0012	EA	Two Section, Glass Door, 46.0 CF, Full Door, Self Contained, Reach-In Refrigerator	7,985.89	235.87
11 41 13 00-0013	EA	Three Section, Glass Door, 61.1 CF, Full Door, Self Contained, Reach-In Refrigerator	10,631.59	260.58
11 41 13 00-0014	EA	Single Section, Pass-Thru, 24.2 CF, Full Door, Self Contained, Reach-In Refrigerator	8,590.46	187.01
11 41 13 00-0015	EA	Two Section, Pass-Thru, 46.0 CF, Full Door, Self Contained, Reach-In Refrigerator	11,629.17	235.87
11 41 13 00-0016	EA	Single Section, Pass-Thru, Glass Door, 25.6 CF, Full Door, Self Contained, Reach-In Refrigerator	8,344.30	187.01
11 41 13 00-0017	EA	Two Section, Pass-Thru, Glass Door, 48.8 CF, Full Door, Self Contained, Reach-In Refrigerator	12,029.77	235.87
11 41 13 00-0018		Reach-In Freezers *(11 41 13 00-0006)*		
11 41 13 00-0019	EA	Single Section, 24.2 CF, Full Door, Self Contained, Reach-In Freezer	8,037.58	187.23
11 41 13 00-0020	EA	Two Section, 46.0 CF, Full Door, Self Contained, Reach-In Freezer	10,664.38	235.53
11 41 31		**Non-Refrigerated Storage Equipment** *(11 41)*		
11 41 31 00-0001		Wall Cabinets *(11 41 31)*		
11 41 31 00-0002	EA	48" Wall Cabinet With Sliding Doors Note: 15" deep and 24" high.	2,547.07	88.90
11 41 31 00-0003	EA	72" Wall Cabinet With Sliding Doors Note: 15" deep and 24" high.	3,360.81	117.36
11 41 31 00-0004	EA	72" Wall Cabinet With Hinged Doors Note: 15" deep and 24" high.	3,857.52	134.55
11 41 31 00-0005	EA	72" Wall Cabinet With Open Shelves Note: 15" deep and 24" high.	2,468.81	85.83
11 41 31 00-0006		Mobile Sheet Pan Truck *(11 41 31)*		
11 41 31 00-0007	EA	2 Level Mobile Sheet Pan Truck	237.74	7.49
11 41 31 00-0008		Pot And Utensil Rack *(11 41 31)*		
11 41 31 00-0009	EA	70" Bench Type Pot And Utensil Rack	693.50	22.84
11 41 31 00-0010	EA	94" Bench Type Pot And Utensil Rack	803.79	25.81
11 41 31 00-0011	EA	94" Ceiling Type Pot And Utensil Rack	955.58	30.92
11 41 31 00-0012	EA	96" Wall Type Pot And Utensil Rack	519.67	16.89
11 41 31 00-0013		Tray And Silverware Cart *(11 41 31)*		
11 41 31 00-0014	EA	33" x 22-1/2" x 42" Tray And Silverware Cart	2,398.81	77.08
11 41 31 00-0015		Flat Top Utility Units *(11 41 31)*		
11 41 31 00-0016	EA	79-1/2" x 28-1/2" x 35-3/8" Flat Top Utility Units	2,191.70	70.41
11 41 31 00-0017	EA	39" x 28-1/2" x 35-3/8" Flat Top Utility Units	1,635.51	52.69
11 41 33		**Foodservice Shelving** *(11 41)*		
11 41 33 00-0001		Shelving/Racks *(11 41 33)*		
11 41 33 00-0002		Chrome Shelving Units *(11 41 33 00-0001)*		
11 41 33 00-0003		54" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit *(11 41 33 00-0002)*		
11 41 33 00-0004	EA	14" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	344.72	41.50
11 41 33 00-0005	EA	14" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	362.96	41.84
11 41 33 00-0006	EA	14" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	385.56	42.18
11 41 33 00-0007	EA	14" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	399.58	42.53
11 41 33 00-0008	EA	14" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	426.41	42.88
11 41 33 00-0009	EA	14" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	449.09	43.22
11 41 33 00-0010	EA	14" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	467.34	43.56
11 41 33 00-0011	EA	14" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	508.19	44.24
11 41 33 00-0012	EA	18" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	375.87	41.84
11 41 33 00-0013	EA	18" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	389.87	42.18
11 41 33 00-0014	EA	18" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	403.91	42.53
11 41 33 00-0015	EA	18" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	443.73	42.88
11 41 33 00-0016	EA	18" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	470.64	43.22
11 41 33 00-0017	EA	18" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	506.13	43.56
11 41 33 00-0018	EA	18" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	520.06	43.90
11 41 33 00-0019	EA	18" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	569.65	44.59
11 41 33 00-0020	EA	21" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	394.21	42.18
11 41 33 00-0021	EA	21" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	425.38	42.53
11 41 33 00-0022	EA	21" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	448.07	42.88
11 41 33 00-0023	EA	21" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	474.88	43.22
11 41 33 00-0024	EA	21" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	493.22	43.56
11 41 33 00-0025	EA	21" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	537.39	43.90
11 41 33 00-0026	EA	21" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	559.96	44.24
11 41 33 00-0027	EA	21" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	618.13	44.93
11 41 33 00-0028	EA	24" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	434.13	42.53
11 41 33 00-0029	EA	24" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	452.40	42.88
11 41 33 00-0030	EA	24" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	466.31	43.22
11 41 33 00-0031	EA	24" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	501.88	43.56

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 33 00-0032	EA	24" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	524.48	43.90
11 41 33 00-0033	EA	24" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	568.62	44.24
11 41 33 00-0034	EA	24" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	599.78	44.59
11 41 33 00-0035	EA	24" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	675.25	45.27
11 41 33 00-0036	EA	30" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	573.18	42.88
11 41 33 00-0037	EA	30" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	643.10	43.22
11 41 33 00-0038	EA	30" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	687.34	43.56
11 41 33 00-0039	EA	30" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	787.61	43.90
11 41 33 00-0040	EA	36" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	633.30	44.24
11 41 33 00-0041	EA	36" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	699.09	44.59
11 41 33 00-0042	EA	36" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	781.97	44.93
11 41 33 00-0043	EA	36" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	916.19	45.61
11 41 33 00-0044		**63" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit** *(11 41 33 00-0002)*		
11 41 33 00-0045	EA	14" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	348.97	41.50
11 41 33 00-0046	EA	14" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	367.21	41.84
11 41 33 00-0047	EA	14" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	389.79	42.18
11 41 33 00-0048	EA	14" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	403.82	42.53
11 41 33 00-0049	EA	14" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	430.65	42.88
11 41 33 00-0050	EA	14" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	453.31	43.22
11 41 33 00-0051	EA	14" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	471.58	43.56
11 41 33 00-0052	EA	14" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	512.41	44.24
11 41 33 00-0053	EA	18" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	380.09	41.84
11 41 33 00-0054	EA	18" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	394.12	42.18
11 41 33 00-0055	EA	18" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	408.16	42.53
11 41 33 00-0056	EA	18" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	447.96	42.88
11 41 33 00-0057	EA	18" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	474.88	43.22
11 41 33 00-0058	EA	18" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	510.35	43.56
11 41 33 00-0059	EA	18" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	524.30	43.90
11 41 33 00-0060	EA	18" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	531.97	44.59
11 41 33 00-0061	EA	21" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	398.45	42.18
11 41 33 00-0062	EA	21" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	429.62	42.53
11 41 33 00-0063	EA	21" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	452.29	42.88
11 41 33 00-0064	EA	21" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	479.11	43.22
11 41 33 00-0065	EA	21" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	497.46	43.56
11 41 33 00-0066	EA	21" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	541.61	43.90
11 41 33 00-0067	EA	21" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	564.20	44.24
11 41 33 00-0068	EA	21" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	622.37	44.93
11 41 33 00-0069	EA	24" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	438.37	42.53
11 41 33 00-0070	EA	24" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	456.62	42.88
11 41 33 00-0071	EA	24" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	470.55	43.22
11 41 33 00-0072	EA	24" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	506.13	43.56
11 41 33 00-0073	EA	24" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	528.72	43.90
11 41 33 00-0074	EA	24" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	572.84	44.24
11 41 33 00-0075	EA	24" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	604.00	44.59
11 41 33 00-0076	EA	24" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	679.49	45.27
11 41 33 00-0077	EA	30" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	577.40	42.88
11 41 33 00-0078	EA	30" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	647.34	43.22
11 41 33 00-0079	EA	30" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	691.56	43.56
11 41 33 00-0080	EA	30" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	791.83	43.90
11 41 33 00-0081	EA	36" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	637.52	44.24
11 41 33 00-0082	EA	36" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	703.32	44.59
11 41 33 00-0083	EA	36" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	786.25	44.93
11 41 33 00-0084	EA	36" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	920.42	45.61
11 41 33 00-0085		**66" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit** *(11 41 33 00-0002)*		
11 41 33 00-0086	EA	14" x 24" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	351.18	41.50
11 41 33 00-0087	EA	14" x 30" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	369.42	41.84
11 41 33 00-0088	EA	14" x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	392.00	42.18
11 41 33 00-0089	EA	14" x 42" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	406.03	42.53
11 41 33 00-0090	EA	14" x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	432.86	42.88
11 41 33 00-0091	EA	14" x 54" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	455.52	43.22
11 41 33 00-0092	EA	14" x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	473.79	43.56
11 41 33 00-0093	EA	14" x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	514.62	44.24
11 41 33 00-0094	EA	18" x 24" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	382.32	41.84
11 41 33 00-0095	EA	18" x 30" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	396.33	42.18
11 41 33 00-0096	EA	18" x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	410.37	42.53
11 41 33 00-0097	EA	18" x 42" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	450.19	42.88
11 41 33 00-0098	EA	18" x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	477.09	43.22
11 41 33 00-0099	EA	18" x 54" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	512.56	43.56
11 41 33 00-0100	EA	18" x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	526.51	43.90
11 41 33 00-0101	EA	18" x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	576.11	44.59
11 41 33 00-0102	EA	21" x 24" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	400.66	42.18
11 41 33 00-0103	EA	21" x 30" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	431.83	42.53
11 41 33 00-0104	EA	21" x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	454.50	42.88
11 41 33 00-0105	EA	21" x 42" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	481.32	43.22
11 41 33 00-0106	EA	21" x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	499.67	43.56
11 41 33 00-0107	EA	21" x 54" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	543.82	43.90
11 41 33 00-0108	EA	21" x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	566.41	44.24

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 33 00-0109	EA	21" x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	624.58	44.93
11 41 33 00-0110	EA	24" x 24" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	440.58	42.53
11 41 33 00-0111	EA	24" x 30" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	458.83	42.88
11 41 33 00-0112	EA	24" x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	472.76	43.22
11 41 33 00-0113	EA	24" x 42" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	508.34	43.56
11 41 33 00-0114	EA	24" x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	530.93	43.90
11 41 33 00-0115	EA	24" x 54" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	575.08	44.24
11 41 33 00-0116	EA	24" x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	606.21	44.59
11 41 33 00-0117	EA	24" x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	681.70	45.27
11 41 33 00-0118	EA	30" x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	579.61	42.88
11 41 33 00-0119	EA	30" x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	649.55	43.22
11 41 33 00-0120	EA	30" x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	693.79	43.56
11 41 33 00-0121	EA	30" x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	794.04	43.90
11 41 33 00-0122	EA	36" x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	639.73	44.24
11 41 33 00-0123	EA	36" x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	705.53	44.59
11 41 33 00-0124	EA	36" x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	788.44	44.93
11 41 33 00-0125	EA	36" x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	922.63	45.61
11 41 33 00-0126		**74" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit** *(11 41 33 00-0002)*		
11 41 33 00-0127	EA	14" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	357.61	41.50
11 41 33 00-0128	EA	14" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	375.87	41.84
11 41 33 00-0129	EA	14" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	398.45	42.18
11 41 33 00-0130	EA	14" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	412.49	42.53
11 41 33 00-0131	EA	14" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	439.31	42.88
11 41 33 00-0132	EA	14" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	461.97	43.22
11 41 33 00-0133	EA	14" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	480.25	43.56
11 41 33 00-0134	EA	14" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	521.08	44.24
11 41 33 00-0135	EA	18" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	388.76	41.84
11 41 33 00-0136	EA	18" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	402.78	42.18
11 41 33 00-0137	EA	18" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	416.82	42.53
11 41 33 00-0138	EA	18" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	456.62	42.88
11 41 33 00-0139	EA	18" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	483.53	43.22
11 41 33 00-0140	EA	18" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	519.02	43.56
11 41 33 00-0141	EA	18" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	532.97	43.90
11 41 33 00-0142	EA	18" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	582.54	44.59
11 41 33 00-0143	EA	21" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	407.12	42.18
11 41 33 00-0144	EA	21" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	438.28	42.53
11 41 33 00-0145	EA	21" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	460.95	42.88
11 41 33 00-0146	EA	21" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	487.77	43.22
11 41 33 00-0147	EA	21" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	506.13	43.56
11 41 33 00-0148	EA	21" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	550.27	43.90
11 41 33 00-0149	EA	21" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	572.84	44.24
11 41 33 00-0150	EA	21" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	631.04	44.93
11 41 33 00-0151	EA	24" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	447.04	42.53
11 41 33 00-0152	EA	24" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	465.29	42.88
11 41 33 00-0153	EA	24" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	479.22	43.22
11 41 33 00-0154	EA	24" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	514.77	43.56
11 41 33 00-0155	EA	24" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	537.39	43.90
11 41 33 00-0156	EA	24" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	581.51	44.24
11 41 33 00-0157	EA	24" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	612.67	44.59
11 41 33 00-0158	EA	24" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	688.16	45.27
11 41 33 00-0159	EA	30" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	586.06	42.88
11 41 33 00-0160	EA	30" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	656.01	43.22
11 41 33 00-0161	EA	30" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	700.23	43.56
11 41 33 00-0162	EA	30" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	800.49	43.90
11 41 33 00-0163	EA	36" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	646.19	44.24
11 41 33 00-0164	EA	36" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	711.98	44.59
11 41 33 00-0165	EA	36" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	794.92	44.93
11 41 33 00-0166	EA	36" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	929.08	45.61
11 41 33 00-0167		**86" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit** *(11 41 33 00-0002)*		
11 41 33 00-0168	EA	14" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	374.85	41.50
11 41 33 00-0169	EA	14" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	393.09	41.84
11 41 33 00-0170	EA	14" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	415.67	42.18
11 41 33 00-0171	EA	14" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	429.71	42.53
11 41 33 00-0172	EA	14" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	456.53	42.88
11 41 33 00-0173	EA	14" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	479.22	43.22
11 41 33 00-0174	EA	14" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	497.46	43.56
11 41 33 00-0175	EA	14" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	538.32	44.24
11 41 33 00-0176	EA	18" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	406.00	41.84
11 41 33 00-0177	EA	18" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	420.00	42.18
11 41 33 00-0178	EA	18" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	434.04	42.53
11 41 33 00-0179	EA	18" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	473.86	42.88
11 41 33 00-0180	EA	18" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	500.77	43.22
11 41 33 00-0181	EA	18" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	536.26	43.56
11 41 33 00-0182	EA	18" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	550.19	43.90
11 41 33 00-0183	EA	18" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	599.78	44.59
11 41 33 00-0184	EA	21" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	424.34	42.18
11 41 33 00-0185	EA	21" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	455.50	42.53

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 33 00-0186	EA	21" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	478.20	42.88
11 41 33 00-0187	EA	21" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	504.99	43.22
11 41 33 00-0188	EA	21" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	523.35	43.56
11 41 33 00-0189	EA	21" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	567.51	43.90
11 41 33 00-0190	EA	21" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	590.09	44.24
11 41 33 00-0191	EA	21" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	648.26	44.93
11 41 33 00-0192	EA	24" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	464.26	42.53
11 41 33 00-0193	EA	24" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	482.51	42.88
11 41 33 00-0194	EA	24" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	496.43	43.22
11 41 33 00-0195	EA	24" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	532.01	43.56
11 41 33 00-0196	EA	24" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	554.61	43.90
11 41 33 00-0197	EA	24" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	598.75	44.24
11 41 33 00-0198	EA	24" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	629.89	44.59
11 41 33 00-0199	EA	24" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	705.38	45.27
11 41 33 00-0200	EA	30" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	603.28	42.88
11 41 33 00-0201	EA	30" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	673.23	43.22
11 41 33 00-0202	EA	30" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	717.47	43.56
11 41 33 00-0203	EA	30" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	817.71	43.90
11 41 33 00-0204	EA	36" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	663.41	44.24
11 41 33 00-0205	EA	36" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	729.20	44.59
11 41 33 00-0206	EA	36" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	812.16	44.93
11 41 33 00-0207	EA	36" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	946.30	45.61
11 41 33 00-0208		**96" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit** *(11 41 33 00-0002)*		
11 41 33 00-0209	EA	14" x 24" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	438.48	41.50
11 41 33 00-0210	EA	14" x 30" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	461.03	41.84
11 41 33 00-0211	EA	14" x 36" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	489.01	42.18
11 41 33 00-0212	EA	14" x 42" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	506.29	42.53
11 41 33 00-0213	EA	14" x 48" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	539.57	42.88
11 41 33 00-0214	EA	14" x 54" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	567.65	43.22
11 41 33 00-0215	EA	14" x 60" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	590.21	43.56
11 41 33 00-0216	EA	14" x 72" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	640.76	44.24
11 41 33 00-0217	EA	18" x 24" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	477.15	41.84
11 41 33 00-0218	EA	18" x 30" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	494.42	42.18
11 41 33 00-0219	EA	18" x 36" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	511.69	42.53
11 41 33 00-0220	EA	18" x 42" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	561.21	42.88
11 41 33 00-0221	EA	18" x 48" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	594.59	43.22
11 41 33 00-0222	EA	18" x 54" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	638.70	43.56
11 41 33 00-0223	EA	18" x 60" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	655.84	43.90
11 41 33 00-0224	EA	18" x 72" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	717.32	44.59
11 41 33 00-0225	EA	21" x 24" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	499.84	42.18
11 41 33 00-0226	EA	21" x 30" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	538.54	42.53
11 41 33 00-0227	EA	21" x 36" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	566.63	42.88
11 41 33 00-0228	EA	21" x 42" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	599.88	43.22
11 41 33 00-0229	EA	21" x 48" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	622.57	43.56
11 41 33 00-0230	EA	21" x 54" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	677.51	43.90
11 41 33 00-0231	EA	21" x 60" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	705.48	44.24
11 41 33 00-0232	EA	21" x 72" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	777.68	44.93
11 41 33 00-0233	EA	24" x 24" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	549.48	42.53
11 41 33 00-0234	EA	24" x 30" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	572.04	42.88
11 41 33 00-0235	EA	24" x 36" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	589.18	43.22
11 41 33 00-0236	EA	24" x 42" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	633.41	43.56
11 41 33 00-0237	EA	24" x 48" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	661.38	43.90
11 41 33 00-0238	EA	24" x 54" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	716.29	44.24
11 41 33 00-0239	EA	24" x 60" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	754.98	44.59
11 41 33 00-0240	EA	24" x 72" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	848.82	45.27
11 41 33 00-0241	EA	30" x 36" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	723.01	42.88
11 41 33 00-0242	EA	30" x 48" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	810.17	43.22
11 41 33 00-0243	EA	30" x 60" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	865.20	43.56
11 41 33 00-0244	EA	30" x 72" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	990.28	43.90
11 41 33 00-0245	EA	36" x 36" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	797.14	44.24
11 41 33 00-0246	EA	36" x 48" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	879.12	44.59
11 41 33 00-0247	EA	36" x 60" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	982.54	44.93
11 41 33 00-0248	EA	36" x 72" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	1,149.72	45.61
11 41 33 00-0249		**Galvanized Shelving Units** *(11 41 33 00-0001)*		
11 41 33 00-0250		**54" Height, 4 Tier Open Wire Shelves, Galvanized Shelving Unit** *(11 41 33 00-0249)*		
11 41 33 00-0251	EA	14" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	381.05	41.50
11 41 33 00-0252	EA	14" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	400.03	41.84
11 41 33 00-0253	EA	14" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	423.60	42.18
11 41 33 00-0254	EA	14" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	442.59	42.53
11 41 33 00-0255	EA	14" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	470.66	42.88
11 41 33 00-0256	EA	14" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	494.11	43.22
11 41 33 00-0257	EA	14" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	517.68	43.56
11 41 33 00-0258	EA	14" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	555.65	44.24
11 41 33 00-0259	EA	18" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	413.50	41.84
11 41 33 00-0260	EA	18" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	428.09	42.18
11 41 33 00-0261	EA	18" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	456.07	42.53

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 33 00-0262	EA	18" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	488.61	42.88
11 41 33 00-0263	EA	18" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	516.65	43.22
11 41 33 00-0264	EA	18" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	553.59	43.56
11 41 33 00-0265	EA	18" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	581.67	43.90
11 41 33 00-0266	EA	18" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	624.28	44.59
11 41 33 00-0267	EA	21" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	432.57	42.18
11 41 33 00-0268	EA	21" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	469.63	42.53
11 41 33 00-0269	EA	21" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	493.09	42.88
11 41 33 00-0270	EA	21" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	521.15	43.22
11 41 33 00-0271	EA	21" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	540.14	43.56
11 41 33 00-0272	EA	21" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	590.65	43.90
11 41 33 00-0273	EA	21" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	614.21	44.24
11 41 33 00-0274	EA	21" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	683.70	44.93
11 41 33 00-0275	EA	24" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	478.61	42.53
11 41 33 00-0276	EA	24" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	497.59	42.88
11 41 33 00-0277	EA	24" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	512.17	43.22
11 41 33 00-0278	EA	24" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	549.11	43.56
11 41 33 00-0279	EA	24" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	590.65	43.90
11 41 33 00-0280	EA	24" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	636.64	44.24
11 41 33 00-0281	EA	24" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	673.69	44.59
11 41 33 00-0282	EA	24" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	756.73	45.27
11 41 33 00-0283		**63" Height, 4 Tier Open Wire Shelves, Galvanized Shelving Unit** *(11 41 33 00-0249)*		
11 41 33 00-0284	EA	14" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	390.03	41.50
11 41 33 00-0285	EA	14" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	409.00	41.84
11 41 33 00-0286	EA	14" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	432.57	42.18
11 41 33 00-0287	EA	14" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	451.57	42.53
11 41 33 00-0288	EA	14" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	479.64	42.88
11 41 33 00-0289	EA	14" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	503.09	43.22
11 41 33 00-0290	EA	14" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	526.66	43.56
11 41 33 00-0291	EA	14" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	564.63	44.24
11 41 33 00-0292	EA	18" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	422.48	41.84
11 41 33 00-0293	EA	18" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	437.07	42.18
11 41 33 00-0294	EA	18" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	465.04	42.53
11 41 33 00-0295	EA	18" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	497.59	42.88
11 41 33 00-0296	EA	18" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	525.63	43.22
11 41 33 00-0297	EA	18" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	562.57	43.56
11 41 33 00-0298	EA	18" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	590.65	43.90
11 41 33 00-0299	EA	18" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	633.19	44.59
11 41 33 00-0300	EA	21" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	441.55	42.18
11 41 33 00-0301	EA	21" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	478.61	42.53
11 41 33 00-0302	EA	21" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	502.07	42.88
11 41 33 00-0303	EA	21" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	530.13	43.22
11 41 33 00-0304	EA	21" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	549.11	43.56
11 41 33 00-0305	EA	21" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	599.62	43.90
11 41 33 00-0306	EA	21" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	623.18	44.24
11 41 33 00-0307	EA	21" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	692.68	44.93
11 41 33 00-0308	EA	24" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	487.58	42.53
11 41 33 00-0309	EA	24" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	506.57	42.88
11 41 33 00-0310	EA	24" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	521.15	43.22
11 41 33 00-0311	EA	24" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	558.09	43.56
11 41 33 00-0312	EA	24" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	599.62	43.90
11 41 33 00-0313	EA	24" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	645.62	44.24
11 41 33 00-0314	EA	24" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	682.66	44.59
11 41 33 00-0315	EA	24" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	765.71	45.27
11 41 33 00-0316		**74" Height, 4 Tier Open Wire Shelves, Galvanized Shelving Unit** *(11 41 33 00-0249)*		
11 41 33 00-0317	EA	14" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	399.01	41.50
11 41 33 00-0318	EA	14" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	417.98	41.84
11 41 33 00-0319	EA	14" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	441.55	42.18
11 41 33 00-0320	EA	14" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	460.54	42.53
11 41 33 00-0321	EA	14" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	488.61	42.88
11 41 33 00-0322	EA	14" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	512.07	43.22
11 41 33 00-0323	EA	14" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	535.64	43.56
11 41 33 00-0324	EA	14" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	573.61	44.24
11 41 33 00-0325	EA	18" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	431.46	41.84
11 41 33 00-0326	EA	18" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	446.05	42.18
11 41 33 00-0327	EA	18" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	474.02	42.53
11 41 33 00-0328	EA	18" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	506.57	42.88
11 41 33 00-0329	EA	18" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	534.61	43.22
11 41 33 00-0330	EA	18" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	571.55	43.56
11 41 33 00-0331	EA	18" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	599.62	43.90
11 41 33 00-0332	EA	18" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	642.17	44.59
11 41 33 00-0333	EA	21" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	450.53	42.18
11 41 33 00-0334	EA	21" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	487.58	42.53
11 41 33 00-0335	EA	21" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	511.05	42.88
11 41 33 00-0336	EA	21" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	539.11	43.22
11 41 33 00-0337	EA	21" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	558.09	43.56
11 41 33 00-0338	EA	21" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	608.60	43.90

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 33 00-0339	EA	21" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	632.16	44.24
11 41 33 00-0340	EA	21" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	701.66	44.93
11 41 33 00-0341	EA	24" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	496.56	42.53
11 41 33 00-0342	EA	24" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	515.55	42.88
11 41 33 00-0343	EA	24" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	530.13	43.22
11 41 33 00-0344	EA	24" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	567.07	43.56
11 41 33 00-0345	EA	24" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	608.60	43.90
11 41 33 00-0346	EA	24" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	654.59	44.24
11 41 33 00-0347	EA	24" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	691.64	44.59
11 41 33 00-0348	EA	24" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	774.69	45.27
11 41 33 00-0349		**86" Height, 4 Tier Open Wire Shelves, Galvanized Shelving Unit** *(11 41 33 00-0249)*		
11 41 33 00-0350	EA	14" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	421.55	41.50
11 41 33 00-0351	EA	14" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	440.52	41.84
11 41 33 00-0352	EA	14" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	464.09	42.18
11 41 33 00-0353	EA	14" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	483.08	42.53
11 41 33 00-0354	EA	14" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	511.15	42.88
11 41 33 00-0355	EA	14" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	534.61	43.22
11 41 33 00-0356	EA	14" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	558.18	43.56
11 41 33 00-0357	EA	14" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	596.15	44.24
11 41 33 00-0358	EA	18" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	454.00	41.84
11 41 33 00-0359	EA	18" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	468.59	42.18
11 41 33 00-0360	EA	18" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	496.56	42.53
11 41 33 00-0361	EA	18" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	529.11	42.88
11 41 33 00-0362	EA	18" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	557.15	43.22
11 41 33 00-0363	EA	18" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	594.09	43.56
11 41 33 00-0364	EA	18" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	622.16	43.90
11 41 33 00-0365	EA	18" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	664.71	44.59
11 41 33 00-0366	EA	21" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	473.07	42.18
11 41 33 00-0367	EA	21" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	510.12	42.53
11 41 33 00-0368	EA	21" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	533.59	42.88
11 41 33 00-0369	EA	21" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	561.65	43.22
11 41 33 00-0370	EA	21" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	580.63	43.56
11 41 33 00-0371	EA	21" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	631.14	43.90
11 41 33 00-0372	EA	21" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	654.70	44.24
11 41 33 00-0373	EA	21" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	724.20	44.93
11 41 33 00-0374	EA	24" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	519.10	42.53
11 41 33 00-0375	EA	24" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	538.09	42.88
11 41 33 00-0376	EA	24" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	552.67	43.22
11 41 33 00-0377	EA	24" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	589.61	43.56
11 41 33 00-0378	EA	24" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	631.14	43.90
11 41 33 00-0379	EA	24" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	677.13	44.24
11 41 33 00-0380	EA	24" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	714.18	44.59
11 41 33 00-0381	EA	24" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	797.23	45.27
11 41 33 00-0382		**54" Height, 4 Tier Solid Shelves, Galvanized Shelving Unit** *(11 41 33 00-0249)*		
11 41 33 00-0383	EA	18" x 36" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	712.49	42.53
11 41 33 00-0384	EA	18" x 48" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	782.05	43.22
11 41 33 00-0385	EA	18" x 60" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	874.09	43.90
11 41 33 00-0386	EA	18" x 72" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	930.11	44.59
11 41 33 00-0387	EA	24" x 36" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	777.49	43.22
11 41 33 00-0388	EA	24" x 48" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	896.54	43.90
11 41 33 00-0389	EA	24" x 60" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	988.56	44.59
11 41 33 00-0390	EA	24" x 72" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	1,125.55	45.27
11 41 33 00-0391		**63" Height, 4 Tier Solid Shelves, Galvanized Shelving Unit** *(11 41 33 00-0249)*		
11 41 33 00-0392	EA	18" x 36" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	721.47	42.53
11 41 33 00-0393	EA	18" x 48" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	791.05	43.22
11 41 33 00-0394	EA	18" x 60" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	883.06	43.90
11 41 33 00-0395	EA	18" x 72" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	939.08	44.59
11 41 33 00-0396	EA	24" x 36" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	786.46	43.22
11 41 33 00-0397	EA	24" x 48" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	905.52	43.90
11 41 33 00-0398	EA	24" x 60" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	997.53	44.59
11 41 33 00-0399	EA	24" x 72" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	1,134.53	45.27
11 41 33 00-0400		**74" Height, 4 Tier Solid Shelves, Galvanized Shelving Unit** *(11 41 33 00-0249)*		
11 41 33 00-0401	EA	18" x 36" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	730.44	42.53
11 41 33 00-0402	EA	18" x 48" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	800.03	43.22
11 41 33 00-0403	EA	18" x 60" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	892.06	43.90
11 41 33 00-0404	EA	18" x 72" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	948.06	44.59
11 41 33 00-0405	EA	24" x 36" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	795.44	43.22
11 41 33 00-0406	EA	24" x 48" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	914.49	43.90
11 41 33 00-0407	EA	24" x 60" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	1,006.51	44.59
11 41 33 00-0408	EA	24" x 72" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	1,143.53	45.27

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 33 00-0409		86" Height, 4 Tier Solid Shelves, Galvanized Shelving Unit *(11 41 33 00-0249)*		
11 41 33 00-0410	EA	18" x 36" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	752.98	42.53
11 41 33 00-0411	EA	18" x 48" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	822.54	43.22
11 41 33 00-0412	EA	18" x 60" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	914.58	43.90
11 41 33 00-0413	EA	18" x 72" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	970.60	44.59
11 41 33 00-0414	EA	24" x 36" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	817.98	43.22
11 41 33 00-0415	EA	24" x 48" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	937.03	43.90
11 41 33 00-0416	EA	24" x 60" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	1,029.05	44.59
11 41 33 00-0417	EA	24" x 72" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	1,166.05	45.27
11 41 33 00-0418		Stainless Steel Shelving Unit *(11 41 33 00-0001)*		
11 41 33 00-0419		63" Height, 4 Tier Open Wire Shelves, Stainless Steel Shelving Unit *(11 41 33 00-0418)*		
11 41 33 00-0420	EA	18" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	784.40	42.53
11 41 33 00-0421	EA	18" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	910.42	43.22
11 41 33 00-0422	EA	18" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,069.60	43.90
11 41 33 00-0423	EA	18" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,236.28	44.59
11 41 33 00-0424	EA	24" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	920.95	43.22
11 41 33 00-0425	EA	24" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,065.46	43.90
11 41 33 00-0426	EA	24" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,254.76	44.59
11 41 33 00-0427	EA	24" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,504.69	45.27
11 41 33 00-0428		74" Height, 4 Tier Open Wire Shelves, Stainless Steel Shelving Unit *(11 41 33 00-0418)*		
11 41 33 00-0429	EA	18" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	810.78	42.53
11 41 33 00-0430	EA	18" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	936.80	43.22
11 41 33 00-0431	EA	18" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,099.73	43.90
11 41 33 00-0432	EA	18" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,262.65	44.59
11 41 33 00-0433	EA	24" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	947.33	43.22
11 41 33 00-0434	EA	24" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,091.83	43.90
11 41 33 00-0435	EA	24" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,281.12	44.59
11 41 33 00-0436	EA	24" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,531.07	45.27
11 41 33 00-0437		86" Height, 4 Tier Open Wire Shelves, Stainless Steel Shelving Unit *(11 41 33 00-0418)*		
11 41 33 00-0438	EA	18" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	837.15	42.53
11 41 33 00-0439	EA	18" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	963.17	43.22
11 41 33 00-0440	EA	18" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,126.10	43.90
11 41 33 00-0441	EA	18" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,289.02	44.59
11 41 33 00-0442	EA	24" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	973.69	43.22
11 41 33 00-0443	EA	24" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,118.21	43.90
11 41 33 00-0444	EA	24" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,307.50	44.59
11 41 33 00-0445	EA	24" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,557.44	45.27
11 41 33 00-0446		63" Height, 4 Tier Solid Shelves, Stainless Steel Shelving Unit *(11 41 33 00-0418)*		
11 41 33 00-0447	EA	18" x 36" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,490.75	42.53
11 41 33 00-0448	EA	18" x 48" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,647.83	43.22
11 41 33 00-0449	EA	18" x 60" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,856.38	43.90
11 41 33 00-0450	EA	18" x 72" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,982.32	44.59
11 41 33 00-0451	EA	24" x 36" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,785.13	43.22
11 41 33 00-0452	EA	24" x 48" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	2,102.09	43.90
11 41 33 00-0453	EA	24" x 60" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	2,333.25	44.59
11 41 33 00-0454	EA	24" x 72" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	2,678.94	45.27
11 41 33 00-0455		74" Height, 4 Tier Solid Shelves, Stainless Steel Shelving Unit *(11 41 33 00-0418)*		
11 41 33 00-0456	EA	18" x 36" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,535.72	42.53
11 41 33 00-0457	EA	18" x 48" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,695.53	43.22
11 41 33 00-0458	EA	18" x 60" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,907.77	43.90
11 41 33 00-0459	EA	18" x 72" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	2,035.84	44.59
11 41 33 00-0460	EA	24" x 36" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,830.12	43.22
11 41 33 00-0461	EA	24" x 48" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	2,147.06	43.90
11 41 33 00-0462	EA	24" x 60" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	2,380.76	44.59
11 41 33 00-0463	EA	24" x 72" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	2,730.33	45.27
11 41 33 00-0464		86" Height, 4 Tier Solid Shelves, Stainless Steel Shelving Unit *(11 41 33 00-0418)*		
11 41 33 00-0465	EA	18" x 36" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,580.72	42.53
11 41 33 00-0466	EA	18" x 48" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,739.65	43.22
11 41 33 00-0467	EA	18" x 60" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,950.78	43.90
11 41 33 00-0468	EA	18" x 72" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	2,078.25	44.59
11 41 33 00-0469	EA	24" x 36" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,875.10	43.22
11 41 33 00-0470	EA	24" x 48" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	2,192.06	43.90
11 41 33 00-0471	EA	24" x 60" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	2,424.30	44.59
11 41 33 00-0472	EA	24" x 72" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	2,771.62	45.27

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 33 00-0473		**Galvanized Steel Dunnage Rack** *(11 41 33 00-0001)*		
11 41 33 00-0474	EA	18" x 24" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	282.20	30.59
11 41 33 00-0475	EA	18" x 30" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	297.28	31.44
11 41 33 00-0476	EA	18" x 36" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	314.44	32.29
11 41 33 00-0477	EA	18" x 48" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	346.17	33.14
11 41 33 00-0478	EA	18" x 60" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	373.73	33.99
11 41 33 00-0479	EA	24" x 24" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	303.03	30.59
11 41 33 00-0480	EA	24" x 30" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	330.61	31.44
11 41 33 00-0481	EA	24" x 36" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	347.77	32.29
11 41 33 00-0482	EA	24" x 48" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	377.41	33.14
11 41 33 00-0483	EA	24" x 60" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	411.22	33.99
11 41 33 00-0484		**Stainless Steel Dunnage Rack** *(11 41 33 00-0001)*		
11 41 33 00-0485	EA	18" x 36" Open Wire Shelf, 14-1/2" Height, Stainless Steel Dunnage Rack	748.52	32.29
11 41 33 00-0486	EA	18" x 48" Open Wire Shelf, 14-1/2" Height, Stainless Steel Dunnage Rack	937.12	33.14
11 41 33 00-0487	EA	18" x 60" Open Wire Shelf, 16-1/4" Height, Stainless Steel Dunnage Rack	1,579.70	33.99
11 41 33 00-0488	EA	24" x 36" Open Wire Shelf, 14-1/2" Height, Stainless Steel Dunnage Rack	818.17	32.29
11 41 33 00-0489	EA	24" x 48" Open Wire Shelf, 14-1/2" Height, Stainless Steel Dunnage Rack	1,017.77	33.14
11 41 33 00-0490	EA	24" x 60" Open Wire Shelf, 16-1/4" Height, Stainless Steel Dunnage Rack	1,722.03	33.99
11 41 33 00-0491		**Mobile Racks** *(11 41 33 00-0001)*		
11 41 33 00-0492	EA	Mobile Rack With Pan Slide	2,055.33	51.50
11 41 33 00-0493		**Can Racks** *(11 41 33 00-0001)*		
11 41 33 00-0494	EA	27-1/4" Wide x 42" Deep x 81-1/16" High, Aluminum Frame Can Rack Note: 156 #10 cans capacity	4,179.88	51.50

11 42 Food Preparation Equipment *(11 40)*

11 42 13 Food Preparation Appliances *(11 42)*

11 42 13 00-0001		**Vertical Cutter Mixers** *(11 42 13)*		
11 42 13 00-0002	EA	Bench Type Mixers, 25 Quart	12,036.66	252.71
11 42 13 00-0003	EA	Bench Type Mixers, 40 Quart	13,911.47	280.80
11 42 13 00-0004	EA	Bench Type Mixers, 80 Quart	17,282.57	404.35
11 42 13 00-0005	EA	Bench Type Mixers, 130 Quart	19,315.17	505.43
11 42 13 00-0006		**Choppers** *(11 42 13)*		
11 42 13 00-0007	EA	Choppers, 5 Lb.	3,052.89	224.64
11 42 13 00-0008	EA	Choppers, 16 Lb.	4,476.60	292.03
11 42 13 00-0009	EA	Choppers, 35 LB - 40 Lb./Min, 2 HP	7,151.18	319.32
11 42 13 00-0010	EA	Choppers, 35 LB - 40 Lb./Min, 3 HP	8,106.43	319.32
11 42 13 00-0011		**Stand Model Mixer** *(11 42 13)*		
11 42 13 00-0012	EA	10 Quart, 120 Volt, 3/4 HP, Gear-Driven Commercial Planetary Stand Mixer With Guard (Avantco MX10)	1,367.59	90.70
11 42 13 00-0013	EA	20 Quart, 120 Volt, 1-1/2 HP, Gear-Driven Commercial Planetary Stand Mixer With Guard (Avantco MX20)	1,706.99	90.70
11 42 13 00-0014	EA	10 Quart, 120 Volt, 1/3 HP, Gear-Driven Commercial Planetary Stand Mixer With Guard (Globe SP10)	4,544.32	90.70
11 42 13 00-0015	EA	20 Quart, 240 Voltage, 1/2 HP, Gear-Driven Commercial Planetary Stand Mixer With Stainless Steel Bowl Guard (Hobart HL-200-1)	9,647.48	106.70
11 42 13 00-0016		**Floor Model Mixer** *(11 42 13)*		
11 42 13 00-0017	EA	30 Quart, 120 Voltage, 1-3/4 HP, Gear-Driven Commercial Planetary Floor Mixer With Stainless Steel Bowl Guard (Avantco MX30)	3,573.65	90.70
11 42 13 00-0018	EA	40 Quart, 240 Voltage, 2 HP, Gear-Driven Commercial Planetary Floor Mixer With Stainless Steel Bowl Guard (Avantco MX40)	4,951.41	100.80
11 42 13 00-0019	EA	60 Quart, 240 Voltage, 2-1/2 HP, Gear-Driven Commercial Planetary Floor Mixer With Stainless Steel Bowl Guard (Avantco MX60)	8,540.22	113.38
11 42 13 00-0020	EA	30 Quart, 240 Voltage, 3/4 HP, Gear-Driven Commercial Planetary Floor Mixer With Stainless Steel Bowl Guard (Hobart HL-300-1)	18,340.38	106.70
11 42 13 00-0021	EA	40 Quart, 240 Voltage, 1-1/2 HP, Gear-Driven Commercial Planetary Floor Mixer With Stainless Steel Bowl Guard (Hobart HL-400-1)	22,517.45	109.50
11 42 13 00-0022	EA	60 Quart, 220-240 Voltage, 2-3/4 HP, Gear-Driven Commercial Planetary Floor Mixer With Stainless Steel Bowl Guard (Hobart HL-600-1)	28,679.09	112.32
11 42 13 00-0023	EA	80 Quart, 220-240 Voltage, 3 HP, Gear-Driven Commercial Planetary Floor Mixer With Stainless Steel Bowl Guard (Hobart HL800-1)	42,353.10	140.39
11 42 13 00-0024	EA	140 Quart, 220-240 Voltage, 5 HP, Gear-Driven Commercial Planetary Floor Mixer With Stainless Steel Bowl Guard (Hobart HL-1400-1)	54,251.97	179.71
11 42 13 00-0025		**Slicers** *(11 42 13)*		
11 42 13 00-0026	EA	1/3 HP, 12" Manual Gravity Feed Meat Slicer (Avantco SL312)	711.46	28.35
11 42 13 00-0027	EA	1/2 HP, 12" Manual Gravity Feed Meat Slicer (Avantco SL512)	1,037.55	28.35
11 42 13 00-0028	EA	1/2 HP, 13" Medium-Duty Manual Gravity Feed Meat Slicer (Avantco SL713MAN)	1,495.90	28.35

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 42 13 00-0029	EA	1/2 HP, 12" Medium-Duty Automatic Meat Slicer With Manual Use Option (Avantco SL612A)	2,543.54	28.35
11 42 13 00-0030	EA	3/4 HP, 13" Medium-Duty Automatic Meat Slicer With Manual Use Option (Avantco SL713A)	2,805.45	28.35
11 42 13 00-0031	EA	1/2 HP, 13" Heavy-Duty Automatic Gravity Feed Meat Slicer (Hobart EDGE13A-11)	7,035.91	28.35
11 42 13 00-0032		Peelers *(11 42 13)*		
11 42 13 00-0033	EA	22 Lb. Capacity, 120 Voltage, Potato Peeler (Sammic PI-10)	3,811.17	182.51
11 42 13 00-0034	EA	44 Lb. Capacity, 120 Voltage, Potato Peeler (Sammic PI-20)	4,402.53	212.84
11 42 13 00-0035	EA	66 Lb. Capacity, 120 Voltage, Potato Peeler (Sammic PI-30)	6,820.91	243.39
11 42 13 00-0036	EA	20 Lb. Capacity, 115 Voltage, Potato Peeler (Hobart 6115)	6,083.48	182.51
11 42 13 00-0037	EA	40 Lb. Capacity, 115 Voltage, Potato Peeler (Hobart 6430-1)	12,319.74	212.84
11 42 13 00-0038	EA	60 Lb. Capacity, 115 Voltage, Potato Peeler (Hobart 6460-1)	13,122.18	243.39
11 42 13 00-0039		Proof Boxes *(11 42 13)*		
11 42 13 00-0040	EA	30-1/2" x 22-1/2", Stainless Steel Proof Box	3,209.22	77.08
11 42 13 00-0041	EA	30-1/2" x 45", Stainless Steel Proof Box	5,369.97	129.17
11 42 13 00-0042	EA	30-1/2" x 45", Galvanized Proof Box	3,356.02	58.64
11 42 13 00-0043		Non-Insulated Heated Proof Cabinet *(11 42 13)*		
11 42 13 00-0044	EA	Angle Slide 69-3/4", Solid Door Non-Insulated Heated Proof Cabinet	2,288.14	73.86
11 42 13 00-0045	EA	Angle Slide 69-3/4", Clear Door Non-Insulated Heated Proof Cabinet	2,454.60	78.97
11 42 13 00-0046	EA	Channel Slide 69-3/4", Solid Door Non-Insulated Heated Proof Cabinet	2,272.62	73.27
11 42 13 00-0047	EA	Channel Slide 69-3/4", Clear Door Non-Insulated Heated Proof Cabinet	2,408.67	77.67
11 42 13 00-0048		Insulated Heated Proof Cabinet *(11 42 13)*		
11 42 13 00-0049	EA	3 Spacing, 69-3/4" High Solid Door Insulated Heated Proof Cabinet	3,727.59	130.23
11 42 13 00-0050	EA	3 Spacing 69-3/4" High Sliding Door Insulated Heated Proof Cabinet	3,895.39	136.14
11 42 13 00-0051		Pass-Thru Hot Food Holding Cabinet *(11 42 13)*		
11 42 13 00-0052	EA	Single Section, Full Door, Pass-Thru Hot Food Holding Cabinet	7,766.45	235.87
11 42 13 00-0053	EA	Single Section, Half Door, Pass-Thru Hot Food Holding Cabinet	8,262.84	235.87
11 42 13 00-0054	EA	Two Section, Full Door, Pass-Thru Hot Food Holding Cabinet	10,550.91	247.09
11 42 13 00-0055	EA	Two Section, Half Door, Pass-Thru Hot Food Holding Cabinet	11,564.92	247.09
11 42 16		**Food Preparation Surfaces** *(11 42)*		
11 42 16 00-0001		Tables *(11 42 16)*		
11 42 16 00-0002		Baker's Table *(11 42 16 00-0001)*		
11 42 16 00-0003	EA	4' Open Base Baker's Table	856.81	58.06
11 42 16 00-0004	EA	10' Open Base Baker's Table	1,681.63	113.83
11 42 16 00-0005	EA	10' Under Shelf Baker's Table	2,074.88	140.47
11 42 16 00-0006	EA	10' Three Drawers Baker's Table	2,225.42	150.83
11 42 16 00-0007	EA	10' Bins Baker's Table	3,274.18	221.98
11 42 16 00-0008	EA	10' Bins And Drawers Baker's Table	5,141.37	348.44
11 42 16 00-0009		Preparation Table, Stainless Steel, With Under Shelf *(11 42 16 00-0001)*		
11 42 16 00-0010	EA	30" x 72" Square Edge Stainless Steel Preparation Table With Under Shelf	1,177.52	30.62
11 42 16 00-0011	EA	30" x 72' Marine Edge Stainless Steel Preparation Table With Under Shelf	1,268.86	36.76
11 42 16 00-0012	EA	36" x 96" Marine Edge Stainless Steel Preparation Table With Under Shelf	1,918.10	49.98
11 42 16 00-0013		Preparation Table, Stainless Steel, With Open Front *(11 42 16 00-0001)*		
11 42 16 00-0014	EA	30" X 72" Round Edge Stainless Steel Preparation Table With Open Front	1,239.87	32.21
11 42 16 00-0015	EA	36" X 96" Round Edge Stainless Steel Preparation Table With Open Front	1,593.58	41.43
11 42 16 00-0016	EA	36" X 96" Square Edge Stainless Steel Preparation Table With Open Front	1,368.88	35.63
11 42 16 00-0017	EA	36" X 96' Marine Edge Stainless Steel Preparation Table With Open Front	1,647.68	42.91
11 42 16 00-0018	EA	Roller Utility Drawers Stainless Steel Preparation Table With Open Front	332.86	8.65
11 42 16 00-0019		Mobile Tables *(11 42 16 00-0001)*		
11 42 16 00-0020	EA	21-1/4" x 27-1/2" x 41" Galvanized Mobile Table With Galvanized Top	3,216.58	27.43
11 42 16 00-0021	EA	32-1/4" x 27-1/2" x 41" Galvanized Mobile Table With Galvanized Top	1,736.51	32.90
11 42 16 00-0022	EA	32-1/4" x 27-1/2" x 41" Stainless Steel Mobile Table With Stainless Steel Top	1,418.85	36.99
11 42 16 00-0023		Hot Food Tables, Stainless Steel, Gas Or Electric *(11 42 16 00-0001)*		
11 42 16 00-0024	EA	32-1/4" x 27-1/2" x 41" Stainless Steel Hot Food Tables	2,534.04	66.02
11 42 16 00-0025	EA	32-1/4" x 27-1/2" x 21" Stainless Steel Hot Food Tables	2,055.42	53.50
11 42 16 00-0026	EA	Full Size Pan With Cover Stainless Steel Hot Food Tables	170.61	4.44
11 42 16 00-0027	EA	Set Of Three 1/3 Size With Cover Stainless Steel Hot Food Tables	249.62	6.49
11 42 16 00-0028	EA	58-1/2", 4 Openings Stainless Steel Hot Food Tables	5,009.60	120.72
11 42 16 00-0029	EA	114-1/2", 8 Openings Stainless Steel Hot Food Tables	9,966.31	240.85

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 42 16 00-0030		Basic Table *(11 42 16 00-0001)*		
11 42 16 00-0031	LF	Table, Basic	295.94	28.63
11 42 16 00-0032		Table With Sink *(11 42 16)*		
11 42 16 00-0033	LF	Table With Sink	365.42	45.91

11 42 23 Food Preparation Scullery Sinks *(11 42)*

11 42 23 00-0001		Stainless Steel Scullery Sinks *(11 42 23)*		
		Note: Excludes faucet. See CSI section 22 42 39 00-0072 for service sink faucets.		
11 42 23 00-0002	EA	Stainless Steel Scullery Sink, Single 30" x 24" x 12" Compartment And Drain Board	2,673.54	192.66
		For Additional Drain Board, Add	*245.34*	
11 42 23 00-0003	EA	Stainless Steel Scullery Sink, Double 30" x 24" x 12" Compartment And Drain Board	3,790.13	220.18
		For Additional Drain Board, Add	*351.49*	
11 42 23 00-0004	EA	Stainless Steel Scullery Sink, Triple 30" x 24" x 12" Compartment And Drain Board	5,028.20	220.18
		For Additional Drain Board, Add	*469.79*	
11 42 23 00-0005	EA	Stainless Steel Scullery Sink, Quad 30" x 24" x 12" Compartment And Drain Board	7,184.32	220.18
		For Additional Drain Board, Add	*674.40*	
11 42 23 00-0006	EA	Stainless Steel Pot Sink, Double 20" x 20" x 18" Compartment And Drain Board	4,444.15	220.18

11 44 Food Cooking Equipment *(11 40)*

11 44 13 Commercial Ranges *(11 44)*

11 44 13 00-0001		Range *(11 44 13)*		
11 44 13 00-0002	EA	Heavy-Duty Range, With 34" Open Top Oven	3,145.97	112.32
11 44 13 00-0003	EA	Range With Fry Top	3,145.97	112.32
11 44 13 00-0004	EA	Steel Finish Fry Top	6,707.41	144.98
11 44 13 00-0005	EA	Stainless Top Only Fry Top	6,704.74	143.33
11 44 13 00-0006	EA	Stainless Top And 2 Sides Fry Top	7,747.28	166.88
11 44 13 00-0007	EA	6 Burner Gas Range (Vulcan #260L)	6,985.04	148.68
		Note: Six 12" burners, open top sections, porcelain on steel aeration plates and grates. 24" griddle/broiler, two 26-1/4" x 22" x 14-1/2" ovens porcelain on steel liner and aluminized steel construction, nickel-plated oven racks.		
11 44 13 00-0008	EA	48" Range With Casters (Vulcan 48C-4B24GN)	15,553.93	103.00

11 44 16 Commercial Ovens *(11 44)*

11 44 16 00-0001		Bake Oven *(11 44 16)*		
11 44 16 00-0002	EA	55", 208 Voltage, 1 Phase, Single Deck Electric Bake Oven (Bakers Pride EB-1-8-3836)	19,982.77	401.25
11 44 16 00-0003	EA	55", 208 Voltage, 3 Phase, Single Deck Electric Bake Oven (Bakers Pride EB-1-8-3836)	19,982.77	401.25
11 44 16 00-0004	EA	74", 208 Voltage, 1 Phase, Single Deck Electric Bake Oven (Bakers Pride EB-1-8-5736)	27,073.23	401.25
11 44 16 00-0005	EA	74", 208 Voltage, 3 Phase, Single Deck Electric Bake Oven (Bakers Pride EB-1-8-5736)	27,073.23	401.25
11 44 16 00-0006	EA	55", 208 Voltage, 1 Phase, Double Deck Electric Bake Oven (Bakers Pride EB-2-8-3836)	38,650.37	458.57
11 44 16 00-0007	EA	55", 208 Voltage, 3 Phase, Double Deck Electric Bake Oven (Bakers Pride EB-2-8-3836)	38,650.37	458.57
11 44 16 00-0008	EA	74", 208 Voltage, 1 Phase, Double Deck Electric Bake Oven (Bakers Pride EB-2-8-7436)	56,524.32	458.57
11 44 16 00-0009	EA	74", 208 Voltage, 3 Phase, Double Deck Electric Bake Oven (Bakers Pride EB-2-8-7436)	56,524.32	458.57
11 44 16 00-0010	EA	55", 208 Voltage, 1 Phase, Triple Deck Electric Bake Oven (Bakers Pride EB-3-8-3836)	61,442.92	573.21
11 44 16 00-0011	EA	55", 208 Voltage, 3 Phase, Triple Deck Electric Bake Oven (Bakers Pride EB-3-8-3836)	61,442.92	573.21
11 44 16 00-0012	EA	74", 208 Voltage, 1 Phase, Triple Deck Electric Bake Oven (Bakers Pride EB-3-8-7436)	86,409.73	573.21
11 44 16 00-0013	EA	74", 208 Voltage, 3 Phase, Triple Deck Electric Bake Oven (Bakers Pride EB-3-8-7436)	86,409.73	573.21
11 44 16 00-0014		Rapid-Cook Countertop Bake Ovens *(11 44 16)*		
11 44 16 00-0015	EA	6,200 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Digital Control, Stainless Steel Countertop Oven (TurboChef ECS-9500-1)	9,391.71	25.75
11 44 16 00-0016	EA	800 To 2,200 Watts, 208/240 Volt, Rapid Cook Type, Touchscreen Control, Stainless Steel Classic Countertop Oven (MerryChef E1SM)	5,574.58	25.75
11 44 16 00-0017	EA	4,700 Watts, 208/240 Volt, 1.2 CF, Rapid Cook Type, Touchscreen Control, Stainless Steel Countertop Oven (MerryChef E3-1330-H)	4,391.63	25.75
11 44 16 00-0018	EA	800 To 900 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touch Screen Controls, Stainless Steel Countertop High-Speed Oven (TurboChef ECO-9500-1)	6,694.13	25.75
11 44 16 00-0019	EA	800 To 900 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touch Screen Controls, Stainless Steel Countertop Oven, Black (TurboChef ECO-9500-5)	6,966.95	25.75
11 44 16 00-0020	EA	800 To 900 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touch Screen Controls, Stainless Steel Countertop Oven, Red (TurboChef ECO-9500-2)	6,966.95	25.75
11 44 16 00-0021	EA	800 To 900 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven, Blue (TurboChef ECO-9500)	6,966.95	25.75
11 44 16 00-0022	EA	800 To 900 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven, Green (TurboChef ECO-9500)	6,966.95	25.75
11 44 16 00-0023	EA	800 To 900 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Digital Controls, Stainless Steel Countertop Oven, White (TurboChef ECO-9500)	6,966.95	25.75
11 44 16 00-0024	EA	1,600 To 1,700 Watts, 208/240 Volt, 1.05 CF, Rapid Cook Type, Touch Screen Controls, Stainless Steel Countertop Oven (TurboChef NGC-1280-1)	12,958.68	25.75
11 44 16 00-0025	EA	6,200 Watts, 208/240 Volt, 1.304 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (MerryChef E4S)	12,014.58	25.75

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 44 16 00-0026	EA	4,600 Watts, 208/240 Volt, 1.2 CF, Accelerated Cook Type, Digital Controls, Stainless Steel Jetwave Ventless Countertop Oven (Amana JET19V)	6,419.06	25.75
11 44 16 00-0027	EA	3,200 Watts, 208/240 Volt, 1.2 CF, Accelerated Cook Type, Digital Controls, Stainless Steel Jetwave Countertop Oven (Amana JET14)	5,247.43	25.75
11 44 16 00-0028	EA	4,600 Watts, 208/240 Volt, 1.2 CF, Accelerated Cook Type, Digital Controls, Stainless Steel Countertop Oven (Amana JET19)	5,705.89	25.75
11 44 16 00-0029	EA	6,200 Watts, 208/240 Volt, 0.78 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (TurboChef ENC-9600-601)	13,637.88	25.75
11 44 16 00-0030	EA	5,700 Watts, 208/240 Volt, 1.38 CF, Accelerated Cook Type, Digital Controls, Stainless Steel Countertop Oven With Teflon® Coating And Touch Screen Display (Amana MXP22TLT)	12,175.33	25.75
11 44 16 00-0031	EA	1,000 To 2,200 Watts, 208/240 Volt, 0.58 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (MerryChef E2S STANDARD CLASSIC)	8,516.67	25.75
11 44 16 00-0032	EA	9,500 To 11,500 Watts, 208/240 Volt, 2.2 CF, 1 Phase, Rapid Cook Type, Digital Controls, Stainless Steel Countertop Oven (TurboChef i5)	17,136.93	25.75
11 44 16 00-0033	EA	9,500 To 11,500 Watts, 208/240 Volt, 2.2 CF, 3 Phase, Rapid Cook Type, Digital Controls, Stainless Steel Countertop Oven (TurboChef i5)	17,136.93	25.75
11 44 16 00-0034	EA	9,500 To 11,500 Watts, 208/240 Volt, 2.2 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (TurboChef i5 Touch)	17,770.85	25.75
11 44 16 00-0035	EA	11,500 Watts, 208/240 Volt, 2.2 CF, 3 Phase, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (TurboChef i5-9500-414-DL)	17,770.85	25.75
11 44 16 00-0036	EA	1,000 To 3,000 Watts, 208/240 Volt, 0.61 CF, High-Speed Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (Amana MRX1)	9,424.54	25.75
11 44 16 00-0037	EA	5,000 Watts, 208/240 Volt, 1.45 CF, Rapid Cook Type, Digital Controls, Stainless Steel Countertop Oven (TurboChef HHB-8603-1)	9,391.71	25.75
11 44 16 00-0038	EA	6,200 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (TurboChef I1-9500-400)	11,455.37	25.75
11 44 16 00-0039	EA	4,000 To 4,200 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touchscreen Controls, Countertop Oven (TurboChef I1-9500-104)	9,979.23	25.75
11 44 16 00-0040	EA	6,200 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touchscreen, Countertop Oven With Panini Press (TurboChef PANINI)	11,149.73	25.75
11 44 16 00-0041	EA	6,200 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touch Screen Controls, Stainless Steel Countertop Oven With Panini Press (TurboChef PANINI TOUCH)	11,691.96	25.75
11 44 16 00-0042	EA	4,000 To 4,200 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven With Touch Controls (TurboChef SOTA SNGL MAG TOUCH)	10,352.79	25.75
11 44 16 00-0043	EA	6,200 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (TurboChef WATERLESS STEAMER)	12,585.11	25.75
11 44 16 00-0044	EA	6,200 Watts, 208/240 Volt, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (TurboChef WATERLESS STEAMER TCH)	13,145.46	25.75
11 44 16 00-0045	EA	2,000 To 3,000 Watts, 208/240 Volt, 0.61 CF, High-Speed Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (Amana MRX2)	9,933.95	25.75
11 44 16 00-0046	EA	2,000 To 3,000 Watts, 208/240 Volt, 0.61 CF, High-Speed Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven, Black (Amana MRX1 BLACK)	9,537.74	25.75
11 44 16 00-0047	EA	2,000 To 3,000 Watts, 208/240 Volt, 0.61 CF, High-Speed Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven, Red (Amana MRX1 RED)	9,537.74	25.75
11 44 16 00-0048	EA	1,000 To 3,000 Watts, 208/240 Volt, 0.61 CF, High-Speed Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven, Black (Amana MRX2 BLACK)	10,047.15	25.75
11 44 16 00-0049	EA	1,000 To 3,000 Watts, 208/240 Volt, 0.61 CF, High-Speed Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven, Red (Amana MRX2 RED)	10,047.15	25.75
11 44 16 00-0050	EA	4,000 To 4,200 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touchscreen Controls, Powder Coated, Countertop Oven (TurboChef I1-9500-1)	10,917.66	25.75
11 44 16 00-0051	EA	8,300 To 9,600 Watts, 208/240 Volt, 1.14 CF, 1 Phase, Rapid Cook Type, Digital Controls, Stainless Steel Countertop Oven (TurboChef i3)	14,626.13	25.75
11 44 16 00-0052	EA	8,600 To 9,900 Watts, 208/240 Volt, 1.14 CF, 3 Phase, Rapid Cook Type, Digital Controls, Stainless Steel Countertop Oven (TurboChef i3)	14,626.13	25.75
11 44 16 00-0053	EA	8,300 To 9,600 Watts, 208/240 Volt, 1.14 CF, 1 Phase, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (TurboChef i3 Touch)	15,237.41	25.75
11 44 16 00-0054	EA	8,600 To 9,900 Watts, 208/240 Volt, 1.14 CF, 3 Phase, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (TurboChef i3 Touch)	15,237.41	25.75
11 44 16 00-0055	EA	10,720/12,480 Watts, 208/240 Volt, 1.18 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Double Batch Ventless Countertop Oven (TurboChef HHD-9500-1)	13,710.33	25.75
11 44 16 00-0056	EA	5,616 Watts, 208/240 Volt, 0.99 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Single Batch Ventless Countertop Oven (TurboChef HHS-9500-1)	10,307.51	25.75
11 44 16 00-0057		**Combination Ovens** *(11 44 16)*		
		Note: Convection, steam and combination modes.		
11 44 16 00-0058	EA	35.4" x 34" x 26.6" Half Size Electric Boilerless Combination Oven	25,110.30	196.55
11 44 16 00-0059	EA	35.4" x 45" x 36.8" Full Size Electric Boilerless Combination Oven	41,190.42	224.64
11 44 16 00-0060	EA	35.4" x 34" x 36.8 Half Size Electric Boilerless Combination Oven	34,029.46	224.64
11 44 16 00-0061	EA	35.4" x 45" x 70.4" Full Size Electric Boilerless Combination Oven	82,116.22	280.80
11 44 16 00-0062	EA	35.4" x 34" x 70.4 Half Size Electric Boilerless Combination Oven	62,344.23	280.80
11 44 16 00-0063		**Broiler, Without Oven** *(11 44 16)*		
11 44 16 00-0064	EA	69" x 26" x 39" Broiler Without Oven	8,754.45	179.71
11 44 16 00-0065	EA	Conveyor Broiler	7,775.81	208.57
11 44 16 00-0066		**Oven Stands** *(11 44 16)*		
11 44 16 00-0067	EA	Stationary Oven Stand (Rational 60.30.334 US III UltraVent® Stationary Oven Stand)	1,992.66	
11 44 16 00-0068		**Countertop Electric Convection Type Ovens** *(11 44 16)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 44 16 00-0069	EA	1,440 Watts, 120 Volt, 0.8 CF, 150 To 500 Degrees Fahrenheit Temperature Range, One Glass Door, Quarter Size, Thermostatic Control, Stainless Steel Countertop Electric Convection Oven (Avantco CO-14)	237.16	12.88
11 44 16 00-0070	EA	1,600 Watts, 120 Volt, 1.5 CF, 150 To 500 Degrees Fahrenheit Temperature Range, One Glass Door, Half Size, Thermostatic Control, Stainless Steel Countertop Electric Convection Oven (Avantco CO-16)	380.83	12.88
11 44 16 00-0071	EA	2,800 Watts, 208/240 Volt, 2.3 CF, 150 To 500 Degrees Fahrenheit Temperature Range, One Glass Door, Thermostatic Control, Half Size, Stainless Steel Countertop Electric Convection Oven (Avantco CO-28)	447.74	12.88
11 44 16 00-0072	EA	2,800 Watts, 208/240 Volt, 2.3 CF, 150 To 550 Degrees Fahrenheit Temperature Range, 2.3 CF, One Glass Door, Half Size, Stainless Steel Countertop Electric Convection Oven With Steam Injection (Avantco CO-32)	574.60	12.88
11 44 16 00-0073	EA	3,500 To 4,600 Watts, 208-240 Volt, 4.4 CF, 550 Degrees Fahrenheit, Two Glass Doors, Dial Control, Stainless Steel Full Size Electric Countertop Convection Oven (Avantco CO-38)	1,039.72	12.88
11 44 16 00-0074	EA	3,500 To 4,600 Watts, 208 To 240 Volt, 4.4 CF, 150 To 550 Degrees Fahrenheit Temperature Range, One Glass Door, Dial Control, Full Size, Stainless Steel Countertop Electric Cooky Type Convection Oven With Steam Injection (Avantco CO-46)	1,208.86	12.88
11 44 16 00-0075	EA	1,440 Watts, 120 Volt, 0.8 CF, 500 Degrees Fahrenheit Temperature Range, One Glass Door, Dial Control, Quarter Size, Stainless Steel Countertop Electric Convection Oven (Galaxy COE3Q)	211.79	12.88
11 44 16 00-0076	EA	1,600 Watts, 120 Volt, 1.5 CF, 500 Degrees Fahrenheit, One Glass Door, Half Size, Dial Control, Stainless Steel Countertop Electric Convection Oven (Galaxy COE3H)	347.10	12.88
11 44 16 00-0077	EA	1,700 Watts, 120 Volt, 27-15/16" Length x 23-5/8" Width x 24" Height, 200 To 500 Degrees Fahrenheit Temperature Range, One Glass Door, Half Size, Stainless Steel 4 Pan Electric Countertop Convection Oven (Global Solutions GS1110-17)	979.72	12.88
11 44 16 00-0078	EA	1,400 Watts, 120 Volt, 1.19 CF, 150 - 570 Degrees Fahrenheit Temperature Range, One Glass Door, Thermostatic Control, Stainless Steel Half Size Electric Countertop Convection Oven (Vollrath 40703)	891.85	12.88
11 44 16 00-0079	EA	2,400 Watts, 230 Volt, 1.9 CF, 150 - 570 Degrees Fahrenheit Temperature Range, One Glass Door, Dial Control, Stainless Steel Half Size Electric Countertop Convection Oven (Vollrath 40701)	1,210.38	12.88
11 44 16 00-0080	EA	5,600 Watts, 230 Volt, 4.27 CF, 150 - 570 Degrees Fahrenheit Temperature Range, 1 Glass Door, Dial Control, Stainless Steel Full Size Electric Countertop Convection Oven (Vollrath 40702)	1,959.06	12.88

11 44 16 00-0081 Electric Convection Type Ovens *(11 44 16)*

11 44 16 00-0082	EA	11 kW, 240 Volt, Two Glass Doors, 41-1/2" x 38-1/8" x 54-1/8", Single Deck, Stainless Steel Full Size Electric Convection Oven (Cooking Performance Group FEC-100)	4,477.74	51.51
11 44 16 00-0083	EA	22 kW, 240 Volt, 1 Phase, Four Glass Doors, 41-1/2" x 38" x 63-1/2", Double Deck, Stainless Steel Full Size Electric Convection Oven (Cooking Performance Group FEC200DK)	8,881.29	103.00
11 44 16 00-0084	EA	22 kW, 240 Volt, 3 Phase, Four Glass Doors, 41-1/2" x 38" x 63-1/2", Double Deck, Stainless Steel Full Size Electric Convection Oven (Cooking Performance Group FEC200CK)	8,881.29	103.00
11 44 16 00-0085	EA	22 kW, 240 Volt, 3 Phase, Four Glass Doors, 41-1/2" x 38" x 63-1/2", Double Deck, Stainless Steel Full Size Electric Convection Oven (Cooking Performance Group FEC200EK)	8,881.29	103.00
11 44 16 00-0086	EA	22 kW, 208 Volt , 1 Phase, Four Glass Doors, 41-1/2" x 38" x 63-1/2", Double Deck, Stainless Steel Full Size Electric Convection Oven (Cooking Performance Group FEC200BK)	8,881.29	103.00
11 44 16 00-0087	EA	24 kW, 208 Volt, 3 Phase, Four Glass Doors, 40" x 40-1/8" x 68-13/16", Double Deck, Stainless Steel Full Size Electric Convection Oven (Vulcan VC55ED-208/3)	14,648.95	103.00
11 44 16 00-0088	EA	12 kW, 208 Volt, 3 Phase, Two Glass Doors, 40" x 40-1/8" x 54", Single Deck, Stainless Steel Full Size Electric Convection Oven With Legs (Vulcan VC5ED-11D1 208/3)	7,324.47	51.51
11 44 16 00-0089	EA	12 kW, 240 Volt, 1 Phase, Two Glass Doors, 40" x 40-1/8" x 54", Single Deck, Stainless Steel Full Size Electric Convection Oven With Legs (Vulcan VC5ED-12D1 240/1)	7,324.47	51.51
11 44 16 00-0090	EA	12.5 kW, 208 Volt, 3 Phase, Two Glass Doors, 41-1/8" x 40-1/4" x 54-3/4", Single Deck, Stainless Steel Full Size Electric Convection Oven (Vulcan VC4ED-11D1 208/3)	8,038.05	51.51
11 44 16 00-0091	EA	12 kW, 208 Volt, 1 Phase, Two Glass Doors, 40" x 40-1/8" x 54", Single Deck, Stainless Steel Full Size Electric Convection Oven With Legs (Vulcan VC5ED-11D1 208/1)	7,324.47	51.51
11 44 16 00-0092	EA	12 kW, 240 Volt, 3 Phase, Two Glass Doors, 40" x 40-1/8" x 24", Single Deck, Stainless Steel Full Size Electric Convection Oven With Legs (Vulcan VC5ED-12D1 240/3)	7,324.47	51.51
11 44 16 00-0093	EA	25 kW, 208 Volt, 3 Phase, Four Glass Doors, 41-1/8" x 40" x 70", Double Deck, Stainless Steel Full Size Electric Convection Oven (Vulcan VC44ED-208/3)	16,076.11	103.00
11 44 16 00-0094	EA	11 kW, 220/240 Volt, 1 Phase, Two Glass Doors, 36-7/8" x 38-1/4" x 57", Single Deck, Stainless Steel Full Size Electric Convection Oven With Legs (Blodgett SHO-100-E)	6,839.23	51.51
11 44 16 00-0095	EA	22 kW, 208 Volt, 3 Phase, Four Glass Doors, 36-7/8" x 38-1/4" x 70", Double Deck, Stainless Steel Full Size Electric Convection Oven (Blodgett SHO-100-E)	13,678.47	103.00
11 44 16 00-0096	EA	24 kW, 208 Volt, 1 Phase, Four Glass Doors, 40" x 40-1/8" x 68 13/16", Double Deck, Stainless Steel Full Size Electric Convection Oven (Vulcan VC55ED-208/1)	14,648.95	103.00
11 44 16 00-0097	EA	21 kW, 208 Volt, 1 Phase, Four Glass Doors, 46" x 40" x 74-1/2", Double Deck, Stainless Steel Full Size Electric Convection Oven (Bakers Pride BPCV-E2 208/1)	18,528.65	103.00

11 44 16 00-0098 Natural Gas Convection Type Ovens *(11 44 16)*

11 44 16 00-0099	EA	54,000 BTU, 150 To 550 Degrees Fahrenheit Temperature Range, Two Glass Doors, Dial Control, Stainless Steel Single Deck Full Size Natural Gas Convection Oven With Legs (Cooking Performance Group FGC100N)	5,148.16	51.51
11 44 16 00-0100	EA	108,000 BTU, 150 To 550 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Natural Gas Convection Oven With Legs (Cooking Performance Group FGC200N)	10,210.74	103.00
11 44 16 00-0101	EA	100,000 BTU, 150 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Stainless Steel Double Deck Full Size Natural Gas Convection Oven With Solid State Controls (Vulcan VC44GD-NAT)	17,608.39	103.00
11 44 16 00-0102	EA	100,000 BTU, 150 To 550 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Natural Gas Convection Oven (Vulcan VC55GD)	16,862.27	103.00
11 44 16 00-0103	EA	100,000 BTU, 500 Degrees Fahrenheit, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Natural Gas Convection Oven (Blodgett SHO-100-G)	15,743.07	103.00
11 44 16 00-0104	EA	50,000 BTU, 150 - 500 Degrees Fahrenheit Temperature Range, Two Glass Doors, Dial Control, Stainless Steel Single Deck Full Size Natural Gas Convection Oven with Solid State Controls And Legs (Vulcan VC4GD-11D150K)	8,804.19	51.51
11 44 16 00-0105	EA	120,000 BTU, 200 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Bakery Depth Natural Gas Convection Oven With Draft Diverter (Blodgett ZEPHAIRE-200-G)	8,907.20	103.00
11 44 16 00-0106	EA	120,000 BTU, 150 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Standard Depth Full Size Natural Gas Convection Oven With Analog Controls (Garland MCO-GS-20S)	24,606.66	103.00

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 44 16 00-0107	EA	50,000 BTU, 200 - 500 Degrees Fahrenheit Temperature Range, Two Glass Doors, Dial Control, Stainless Steel Single Deck Full Size Natural Gas Convection Oven (Blodgett SHO-100-G)	7,871.53	51.51
11 44 16 00-0108	EA	100,000 BTU, 200 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Bakery Depth Natural Gas Convection Oven With Draft Diverter (Blodgett ZEPHAIRE-200-G-ES)	21,580.44	103.00
11 44 16 00-0109	EA	120,000 BTU, 150 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Digital Control, Stainless Steel Double Deck Standard Depth Full Size Natural Gas Convection Oven With Digital Controls (Garland MCO-GS-20)	32,070.15	103.00
11 44 16 00-0110	EA	120,000 BTU, 150 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Natural Gas Convection Oven (Garland MCO-GS-20-ESS)	24,606.66	103.00
11 44 16 00-0111	EA	100,000 BTU, 200 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Standard Depth Natural Gas Convection Oven With Draft Diverter (Blodgett ZEPHAIRE-100-G)	20,154.01	103.00
11 44 16 00-0112	EA	90,000 BTU, 200 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Natural Gas Convection Oven (Blodgett BDO-100-G-ES)	17,937.57	103.00
11 44 16 00-0113	EA	50,000 BTU, 150 - 500 Degrees Fahrenheit Temperature Range, Two Glass Doors, Dial Control, Stainless Steel Single Deck Full Size Natural Gas Convection Oven With Legs (Vulcan VC5GDN)	8,431.13	51.51
11 44 16 00-0114	EA	36" Wide x 58" Height x 41" Depth, Natural Gas Convection Oven (Vulcan 36C-BN)	9,684.55	224.64
		For 5" Swivel Plate Casters, Set of 4, Add	*654.69*	

11 44 16 00-0115 Liquid Propane Convection Type Ovens *(11 44 16)*

11 44 16 00-0116	EA	108,000 BTU, 45" Length x 38" Width x 68" Height, 150 To 550 Degrees Fahrenheit Temperature Range, Two Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Liquid Propane Convection Oven With Legs (Cooking Performance Group FGC200L)	10,210.74	103.00
11 44 16 00-0117	EA	100,000 BTU, 41-1/8" Length x 40-1/4" Width x 70" Height, 150 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Liquid Propane Convection Oven With Solid State Controls (Vulcan VC44GD-LP)	17,608.39	103.00
11 44 16 00-0118	EA	50,000 BTU, 41-1/8" Length x 40-1/4" Width x 54-3/4" Height, 150 - 500 Degrees Fahrenheit Temperature Range, Two Glass Doors, Stainless Steel Single Deck Full Size Liquid Propane Convection Oven With Solid State Controls And Legs (Vulcan VC4GD-21D150K)	8,804.19	51.51
11 44 16 00-0119	EA	100,000 BTU, 45-1/8" Length x 40-1/4" Width x 70" Height, 150 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Stainless Steel Double Deck Full Size Depth Liquid Propane Convection Oven With Solid State Controls (Vulcan VC66GD-LP)	33,228.85	103.00
11 44 16 00-0120	EA	100,000 BTU, 36-7/8" Length x 38-1/4" Width x 70" Height, 200 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Liquid Propane Convection Oven (Blodgett SHO-100-G)	15,743.07	103.00
11 44 16 00-0121	EA	100,000 BTU, 40-1/8" Length x 40-1/8" Width x 68-5/8" Height, 150 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Liquid Propane Convection Oven (Vulcan VC55GD LP)	16,862.27	103.00
11 44 16 00-0122	EA	50,000 BTU, 40-1/8" Length x 40" Width x 54-3/4" Height, 150 - 500 Degrees Fahrenheit Temperature Range, Two Glass Doors, Dial Control, Stainless Steel Single Deck Full Size Liquid Propane Convection Oven With Legs (Vulcan VC5GDL)	8,431.13	51.51
11 44 16 00-0123	EA	50,000 BTU, 36-7/8" Length x 38-1/4" Width x 63" Height, 200 - 500 Degrees Fahrenheit Temperature Range, Two Glass Doors, Dial Control, Stainless Steel Single Deck Full Size Liquid Propane Convection Oven (Blodgett SHO-100-G)	7,871.53	51.51

11 44 16 00-0124 Countertop Pizza Oven *(11 44 16)*

11 44 16 00-0125	EA	3,700 To 4,800 Watts, 208/240 Volt, Stainless Steel Countertop Pizza Oven, White (TurboChef FIRE WHITE)	6,388.49	25.75

11 44 16 00-0126 Rotary Deck Pizza Oven *(11 44 16)*

11 44 16 00-0127	EA	90,000 BTU, 2 Deck, 38.6" Diameter Rotary Deck Pizza Oven (Sierra Range Volare)	39,358.44	103.00

11 44 16 00-0128 Triple Conveyor Oven *(11 44 16)*

11 44 16 00-0129	EA	30 kW, 208 Volt, Three Door, Single Belt, Triple Conveyor, FastBake Stainless Steel Impingement Cook Type Oven Package (Lincoln 1180-3/1180-FB3) Note: 39" Length x 56" Width x 62" Height, 250 To 575 Degrees Fahrenheit Temperature Range	62,419.60	206.01
11 44 16 00-0130	EA	30 kW, 240 Volt, Three Door, Single Belt, Triple Conveyor, FastBake Stainless Steel Impingement Cook Type Oven Package (Lincoln 1180-3/1180-FB3) Note: 39" Length x 56" Width x 62" Height, 250 To 575 Degrees Fahrenheit Temperature Range	62,419.60	206.01
11 44 16 00-0131	EA	22 kW, 208 Volt, Three Door, Triple Conveyor, Stainless Steel Low Profile FastBake Impingement Cook Type Oven Package (Lincoln 1600-3/1600-FB3) Note: 60-1/2" Length x 80" Width x 66-3/8" Height, 250 To 600 Degrees Fahrenheit Temperature Range	133,003.72	206.01
11 44 16 00-0132	EA	22 kW, 220 Volt, Three Door, Triple Conveyor, Stainless Steel Low Profile FastBake Impingement Cook Type Oven Package (Lincoln 1600-3/1600-FB3) Note: 60-1/2" Length x 80" Width x 66-3/8" Height, 250 To 600 Degrees Fahrenheit Temperature Range	115,384.64	206.01
11 44 16 00-0133	EA	22 kW, 240 Volt, Three Door, Triple Conveyor, Stainless Steel Low Profile FastBake Impingement Cook Type Oven Package (Lincoln 1600-3/1600-FB3) Note: 60-1/2" Length x 80" Width x 66-3/8" Height, 250 To 600 Degrees Fahrenheit Temperature Range	115,384.64	206.01
11 44 16 00-0134	EA	330,000 BTU, Natural Gas, Three Door, Triple Conveyor, Low Profile FastBake Stainless Steel, Impingement Cook Type Oven Package (Lincoln 1600-3/1600-FB3) Note: 60-1/2" Length x 80" Width x 66-3/8" Height, 250 To 600 Degrees Fahrenheit Temperature Range	133,003.72	206.01
11 44 16 00-0135	EA	330,000 BTU, Liquid Propane, Three Door, Triple Conveyor, Stainless Steel Low Profile FastBake Impingement Cook Type Oven Package (Lincoln 1600-3/1600-FB3) Note: 60-1/2" Length x 80" Width x 66-3/8" Height, 250 To 600 Degrees Fahrenheit Temperature Range	133,003.72	206.01

11 44 19 Commercial Cooking Equipment *(11 44)*

11 44 19 00-0001 Drop-In Electric Griddle *(11 44 19)*

11 44 19 00-0002	EA	24" Wide x 24" Deep, Drop-In Electric Griddle	4,414.14	154.44

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 44 19 00-0003	EA	36" Wide x 24" Deep, Drop-In Electric Griddle	6,274.12	154.44
11 44 19 00-0004	EA	48" Wide x 24" Deep, Drop-In Electric Griddle	7,180.53	168.48
11 44 19 00-0005	EA	60" Wide x 24" Deep, Drop-In Electric Griddle	8,590.28	168.48
11 44 19 00-0006	EA	72" Wide x 24" Deep, Drop-In Electric Griddle	11,008.30	182.51
11 44 19 00-0007		**Countertop Griddle** *(11 44 19)*		
11 44 19 00-0008	EA	16", 120 Voltage, 1750 Watt, Electric Countertop Griddle (Avantco EG16N)	544.75	145.94
11 44 19 00-0009	EA	24", 208/240 Voltage, 2675 To 3560 Watt, Electric Countertop Griddle (Avantco EG24N)	676.75	145.94
11 44 19 00-0010	EA	30", 208/240 Voltage, 3375 To 4500 Watt, Electric Countertop Griddle (Avantco EG30N)	753.75	145.94
11 44 19 00-0011	EA	36", 208/240 Voltage, 7488 To 10080 Watt, Electric Countertop Griddle (Avantco EG36N)	950.66	145.94
11 44 19 00-0012	EA	24", 220 Voltage, Thermostatic Electric Griddle (Vollrath 40716)	1,032.61	145.94
11 44 19 00-0013	EA	36", 220 Voltage, Thermostatic Electric Griddle (Vollrath 40717)	1,326.64	145.94
11 44 19 00-0014		**Panini Sandwich Grill** *(11 44 19)*		
11 44 19 00-0015	EA	3,500 Watts, 120 Volt, Double Commercial Panini Sandwich Grill With Smooth Plates (Avantco P85S)	669.10	103.00
11 44 19 00-0016	EA	1,750 Watts, 120 Volt, Commercial Panini Sandwich Grill With Grooved Plates (Avantco P78)	517.26	103.00
11 44 19 00-0017	EA	1,750 Watts, 120 Volt, Commercial Panini Sandwich Grill With Smooth Plates (Avantco P70S)	517.26	103.00
11 44 19 00-0018	EA	1,750 Watts, 120 Volt, Commercial Panini Sandwich Grill With Grooved Top and Smooth Bottom Plates (Avantco P75SG)	517.26	103.00
11 44 19 00-0019	EA	2,392 Watts, 208 Volt, Panini Perfetto Grooved Top And Bottom Panini Sandwich Grill (Waring WPG150B)	1,039.38	103.00
11 44 19 00-0020		**Electric Countertop Fryer, With Basket** *(11 44 19)*		
11 44 19 00-0021	EA	30 Lb. Capacity, 208-240 Volt, Two Basket, Countertop Deep Fryer (Avantco F202))	1,016.89	103.00
11 44 19 00-0022	EA	30 Lb. Capacity, 208-240 Volt, Four Basket, Commercial Countertop Deep Fryer (Vollrath 40710)	2,206.39	103.00
11 44 19 00-0023	EA	30 Lb. Capacity, 240 Volt, Two Basket, Countertop Electric Deep Fryer (Garland E24-31F)	8,150.22	103.00
11 44 19 00-0024		**Electric Floor Fryer, With Basket** *(11 44 19)*		
11 44 19 00-0025	EA	50 Lb. Capacity, Single Basket Lift, 208 Volt, Electric Fryer	6,966.62	224.64
11 44 19 00-0026	EA	50 Lb. Capacity, Single Basket Lift, 480 Volt, Electric Fryer	7,312.05	224.64
11 44 19 00-0027	EA	85 Lb. Capacity, Single Basket Lift, 208 Volt, Electric Fryer	23,336.45	292.03
11 44 19 00-0028	EA	85 Lb. Capacity, Single Basket Lift, 480 Volt, Electric Fryer	23,903.29	292.03
11 44 19 00-0029		**Natural Gas Floor Fryer, With Basket** *(11 44 19)*		
11 44 19 00-0030	EA	40 Lb. Capacity, 90,000 BTU, Natural Gas, Two Basket, Stainless Steel Floor Fryer (Avantco FF300)	1,582.49	164.81
11 44 19 00-0031	EA	50 Lb. Capacity, 120,000 BTU, Natural Gas, Two Basket, Stainless Steel Floor Fryer (Avantco FF400)	1,814.72	206.01
11 44 19 00-0032	EA	70 To 100 Lb. Capacity, 150,000 BTU, Natural Gas, Two Basket, Stainless Steel Tube Floor Fryer (Avantco FF518)	2,638.75	412.03
11 44 19 00-0033		**Steam Jacketed Kettles** *(11 44 19)*		
11 44 19 00-0034	EA	12 Gallon Capacity, 208/240 Volt, Tilting, Stainless Steel 2/3 Steam Jacketed Electric Tabletop Kettle (Cleveland KET-12-T)	13,574.01	25.75
11 44 19 00-0035	EA	12 Gallon Capacity, 208 Volt, 12 kW, Tilting, Stainless Steel Electric Steam Jacketed Kettle (Vulcan K12ETT-7)	12,071.92	25.75
11 44 19 00-0036	EA	3 Gallon Capacity, 208/240 Volt, Tilting, Stainless Steel 2/3 Steam Jacketed Electric Tabletop Kettle (Cleveland KET-3-T)	9,598.73	25.75
11 44 19 00-0037	EA	6 Gallon Capacity, 208 Volt, 7.5 kW, Tilting, Stainless Steel Electric Steam Jacketed Kettle (Vulcan K6ETT-7)	10,007.90	25.75
11 44 19 00-0038	EA	60 Gallon Capacity, 208 Volt, 18 kW, 3 Phase, Stationary, Stainless Steel 2/3 Steam Jacketed Electric Kettle (Vulcan K60EL)	35,121.67	25.75
11 44 19 00-0039	EA	150 Gallon Capacity, 240 Volt, 36 kW, 3 Phase, Stationary, Stainless Steel Steam Jacketed Electric Kettle (Vulcan ET150-240/3)	61,904.76	103.00
11 44 19 00-0040	EA	100 Gallon Capacity, 208/240 Volt, Tilting, Stainless Steel 2/3 Steam Jacketed Electric Mixer Kettle (Cleveland MKE100T 208/2403)	146,355.01	103.00
11 44 19 00-0041	EA	6 Gallon Capacity, 240 Volt, 24 kW, 3 Phase, Tilting, Stainless Steel 2/3 Steam Jacketed Electric Kettle With Modular Generator Base (Cleveland 24EMK624 240/3)	32,202.87	103.00
11 44 19 00-0042	EA	6 Gallon Capacity, 208 Volt, 24 kW, 3 Phase, Tilting, Stainless Steel 2/3 Steam Jacketed Electric Kettle With Modular Generator Base (Cleveland 24EMK624 208/3)	32,202.87	103.00
11 44 19 00-0043	EA	125 Gallon Capacity, 240 Volt, 36 kW, 3 Phase, Stationary, Stainless Steel Steam Jacketed Electric Kettle (Vulcan ET125-240/3)	59,006.04	103.00
11 44 19 00-0044	EA	20 Gallon Capacity, 208/240 Volt, Tilting, Stainless Steel 2/3 Steam Jacketed Electric Kettle (Cleveland KET-20-T)	21,533.61	103.00
11 44 19 00-0045	EA	40 Gallon Capacity, 208/240 Volt, Tilting, Stainless Steel Full Steam Jacketed Electric Kettle (Cleveland KEL40TSH 208/2403)	47,487.53	103.00
11 44 19 00-0046	EA	20 Gallon Capacity, 208/240 Volt, Tilting, Stainless Steel 2/3 Steam Jacketed Electric Mixer Kettle (Cleveland MKET20T 208/2403)	59,440.66	103.00
11 44 19 00-0047	EA	60 Gallon Capacity, 208/240 Volt, Stationary, Stainless Steel Full Steam Jacketed Electric Kettle (Cleveland KEL60SH 208/2403)	42,299.29	103.00
11 44 19 00-0048	EA	40 Gallon Capacity, 208/240 Volt, Tilting, Stainless Steel 2/3 Steam Jacketed Electric Kettle (Cleveland KEL-40-T)	39,025.96	103.00
11 44 19 00-0049	EA	40 Gallon Capacity, Tilting, Stainless Steel 2/3 Steam Jacketed Direct Steam Electric Mixer Kettle (Cleveland MKDL40T 208/2403)	120,421.09	103.00
11 44 19 00-0050	EA	60 Gallon Capacity, Tilting, Stainless Steel 2/3 Steam Jacketed Direct Steam Electric Mixer Kettle (Cleveland MKDL60T 208/2403)	124,250.90	103.00
11 44 19 00-0051	EA	100 Gallon Capacity, 190,000 BTU, Liquid Propane, Stationary, Stainless Steel 2/3 Steam Jacketed Kettle (Cleveland KGL100 LP)	57,946.37	206.01
11 44 19 00-0052	EA	60 Gallon Capacity, 100,000 BTU, Liquid Propane, Stationary, Stainless Steel 2/3 Steam Jacketed Kettle (Vulcan K60GL-LP)	40,414.01	206.01

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 44 19 00-0053	EA	40 Gallon Capacity, 140,000 BTU, Liquid Propane, Tilting, Stainless Steel Full Steam Jacketed Kettle (Cleveland KGL40TSH LP)	57,657.22	206.01
11 44 19 00-0054	EA	80 Gallon Capacity, 190,000 BTU, Liquid Propane, Stationary, Stainless Steel 2/3 Steam Jacketed Kettle (Cleveland KGL80 LP)	47,913.59	206.01
11 44 19 00-0055	EA	40 Gallon Capacity, 100,000 BTU, Liquid Propane, Tilting, Stainless Steel 2/3 Steam Jacketed Kettle (Vulcan K40GLT-LP)	49,648.46	206.01
11 44 19 00-0056	EA	6 Gallon Capacity, 34,000 BTU, Liquid Propane, Tilting, Stainless Steel 2/3 Steam Jacketed Tabletop Kettle (Cleveland KGT-6-T LP)	20,906.75	206.01
11 44 19 00-0057	EA	60 Gallon Capacity, 100,000 BTU, Liquid Propane, Tilting, Stainless Steel 2/3 Steam Jacketed Kettle (Vulcan K60GLT-LP)	60,186.78	206.01
11 44 19 00-0058	EA	125 Gallon Capacity, 135,000 BTU, Liquid Propane, Stationary, Stainless Steel Steam Jacketed Gas Kettle (Vulcan GT125E-LP)	59,875.82	206.01
11 44 19 00-0059	EA	80 Gallon Capacity, 190,000 BTU, Liquid Propane, Tilting, Stainless Steel 2/3 Steam Jacketed Kettle (Cleveland KGL80T LP)	66,349.75	206.01
11 44 19 00-0060	EA	60 Gallon Capacity, 190,000 BTU, Liquid Propane, Stationary, Stainless Steel Full Steam Jacketed Kettle (Cleveland KGL60SH LP)	44,960.31	206.01
11 44 19 00-0061	EA	12 Gallon Capacity, 53,000 BTU, Liquid Propane, Tilting, Stainless Steel 2/3 Steam Jacketed Tabletop Kettle (Cleveland KGT12TGB LP)	27,426.14	206.01
11 44 19 00-0062	EA	40 Gallon Capacity, 140,000 BTU, Liquid Propane, Tilting, Stainless Steel 2/3 Steam Jacketed Mixer Kettle (Cleveland MKGL40T LP)	145,684.50	206.01
11 44 19 00-0063	EA	80 Gallon Capacity, 135,000 BTU, Liquid Propane, Stationary, Stainless Steel Steam Jacketed Gas Kettle (Cleveland GL80E-LP)	48,233.65	206.01
11 44 19 00-0064	EA	60 Gallon Capacity, 100,000 BTU, Natural Gas, Tilting, Stainless Steel 2/3 Steam Jacketed Kettle (Vulcan K60GLT-NAT)	60,186.78	206.01
11 44 19 00-0065	EA	60 Gallon Capacity, 190,000 BTU, Natural Gas, Tilting, Stainless Steel 2/3 Steam Jacketed Horizontal Mixer Kettle (Cleveland HAMKG60T NAT)	139,825.23	206.01
11 44 19 00-0066	EA	25 Gallon Capacity, 90,000 BTU, Natural Gas, Tilting, Stainless Steel 2/3 Steam Jacketed Kettle (Cleveland KGL-25-T NAT)	45,967.77	206.01
11 44 19 00-0067	EA	100 Gallon Capacity, 190,000 BTU, Natural Gas, Stationary, Stainless Steel 2/3 Steam Jacketed Horizontal Mixer Kettle (Cleveland HAMKGL100 NAT)	139,445.16	206.01
11 44 19 00-0068	EA	20 Gallon Capacity, 100,000 BTU, Natural Gas, Tilting, Stainless Steel 2/3 Steam Jacketed Kettle (Vulcan K20GLT-NAT)	47,540.79	206.01
11 44 19 00-0069	EA	100 Gallon Capacity, 190,000 BTU, Natural Gas, Tilting, Stainless Steel 2/3 Steam Jacketed Horizontal Mixer Kettle (Cleveland HAMKGL100T NAT)	164,631.66	206.01
11 44 19 00-0070	EA	12 Gallon Capacity, 53,000 BTU, Natural Gas, Tilting, Stainless Steel 2/3 Steam Jacketed Tabletop Kettle (Cleveland KGT-12-T NAT)	25,003.88	206.01
11 44 19 00-0071	EA	80 Gallon Capacity, 190,000 BTU, Natural Gas, Stationary, Stainless Steel 2/3 Steam Jacketed Kettle (Cleveland KGL80 NAT)	47,913.59	206.01
11 44 19 00-0072	EA	60 Gallon Capacity, 135,000 BTU, Natural Gas, Stationary, Stainless Steel Steam Jacketed Gas Kettle (Cleveland GS60E-NAT)	47,649.91	206.01
11 44 19 00-0073	EA	40 Gallon Capacity, 140,000 BTU, Natural Gas, Tilting, Stainless Steel 2/3 Steam Jacketed Mixer Kettle (Cleveland MKGL40T NAT)	140,228.94	206.01
11 44 19 00-0074	EA	6 Gallon Capacity, 34,000 BTU, Natural Gas, Tilting, Stainless Steel 2/3 Steam Jacketed Tabletop Kettle (Cleveland KGT-6-T NAT)	20,906.75	206.01
11 44 19 00-0075	EA	100 Gallon Capacity, 190,000 BTU, Natural Gas, Stationary, Stainless Steel 2/3 Steam Jacketed Kettle (Cleveland KGL100 NAT)	57,946.37	206.01
11 44 19 00-0076	EA	40 Gallon Capacity, Tilting, Stainless Steel 2/3 Steam Jacketed Direct Steam Kettle (Cleveland KDL-40-T)	20,037.50	206.01
11 44 19 00-0077	EA	60 Gallon Capacity, Tilting, Stainless Steel 2/3 Steam Jacketed Direct Steam Kettle (Vulcan K60DLT)	27,138.82	206.01
11 44 19 00-0078	EA	125 Gallon Capacity, Stationary, Stainless Steel Fully Jacketed Direct Steam Kettle (Vulcan ST125)	47,444.41	206.01
11 44 19 00-0079	EA	200 Gallon Capacity, Stationary, Stainless Steel 2/3 Steam Jacketed Direct Steam Kettle (Cleveland KDL200)	63,287.36	206.01
11 44 19 00-0080	EA	12 Gallon Capacity, Tilting, Stainless Steel 2/3 Steam Jacketed Direct Steam Kettle With Modular Stand (Cleveland SD760K12)	24,720.19	206.01
11 44 19 00-0081	EA	12 Gallon Capacity, 26" Table, Tilting, Stainless Steel Direct Steam Kettle (Cleveland VEKT26/6)	17,193.33	206.01
11 44 19 00-0082	EA	40 Gallon Capacity, Stationary Stainless Steel 2/3 Steam Jacketed Direct Steam Kettle (Vulcan K40DL)	18,271.71	206.01
11 44 19 00-0083	EA	60 Gallon Capacity, Stationary, Stainless Steel Full Steam Jacketed Direct Steam Kettle (Cleveland KDL60SH)	28,451.79	206.01
11 44 19 00-0084	EA	60 Gallon Capacity, Stationary, Stainless Steel 2/3 Steam Jacketed Direct Steam Kettle (Vulcan K60DL)	21,281.37	206.01
11 44 19 00-0085	EA	40 Gallon Capacity, Stationary, Stainless Steel 2/3 Steam Jacketed Direct Steam Kettle (Cleveland KDL40)	17,255.16	206.01
11 44 19 00-0086	EA	80 Gallon Capacity, Stationary, Stainless Steel Full Steam Jacketed Direct Steam Kettle (Cleveland KDL80F)	42,909.02	206.01
11 44 19 00-0087	EA	80 oz., Tilting, Stainless Steel 2/3 Steam Jacketed Direct Steam Tabletop Oyster Kettle (Cleveland KDT-1-T)	9,335.51	206.01
11 44 19 00-0088	EA	40 Gallon Capacity, Stationary, Stainless Steel Full Steam Jacketed Direct Steam Kettle (Cleveland KDL40F)	30,232.12	206.01
11 44 19 00-0089	EA	12 Gallon Capacity, Tilting, Stainless Steel 2/3 Steam Jacketed Tabletop Direct Steam Kettle (Cleveland KDT-12-T)	13,050.74	206.01
11 44 19 00-0090	EA	100 Gallon Capacity, Stationary, Stainless Steel 2/3 Steam Jacketed Direct Steam Kettle (Cleveland KDL100)	32,654.39	206.01
11 44 19 00-0091	EA	60 Gallon Capacity, Stationary, Stainless Steel 2/3 Steam Jacketed Direct Steam Kettle (Cleveland KDL60)	20,463.03	206.01
11 44 19 00-0092		Steamers, Electric *(11 44 19)*		
11 44 19 00-0093		Cooking Equipment/ Steamers *(11 44 19 00-0092)*		
11 44 19 00-0094	EA	3 Pan, Electric Countertop Convection Steamer	9,562.07	235.87
11 44 19 00-0095	EA	5 Pan, Electric Countertop Convection Steamer	12,593.00	247.09
11 44 19 00-0096	EA	3 Pan, Electric Countertop Boilerless/Connectionless Steamer	8,847.58	235.87
11 44 19 00-0097	EA	5 Pan, Electric Countertop Boilerless/Connectionless Steamer	12,901.50	247.09
11 44 19 00-0098		Braising Pans *(11 44 19)*		
11 44 19 00-0099	EA	24" x 24", 240 Volt, Tilting Braising Pan	10,362.28	207.31
11 44 19 00-0100	EA	24" x 31", 240 Volt, Tilting Braising Pan	10,935.12	218.01
11 44 19 00-0101	EA	24" x 41", 240 Volt, Tilting Braising Pan	11,646.74	232.17
11 44 19 00-0102	EA	24" x 24", 62,000 BTU/Hour, Tilting Braising Pan	13,508.47	270.35
11 44 19 00-0103	EA	24" x 31", 90,000 BTU/Hour, Tilting Braising Pan	13,968.75	278.68
11 44 19 00-0104	EA	24" x 41", 120,000 BTU/Hour, Tilting Braising Pan	14,512.39	286.05

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 44 19 00-0105		**Toasters** *(11 44 19)*		
11 44 19 00-0106	EA	Bun Toaster 3.2 KW	2,053.10	44.39
11 44 19 00-0107	EA	Bun Toaster 4.3 KW	2,240.70	48.38
11 44 19 00-0108	EA	Pop-Up Toaster, 2 Slot	636.27	121.64
11 44 19 00-0109	EA	Conveyor Toaster	1,092.28	182.51
11 44 19 00-0110		**Microwave Ovens** *(11 44 19)*		
11 44 19 00-0111	EA	120 Volt, 1,000 Watt, 20" Length x 18" Width x 12" Height, Office Series Microwave With Dial Controls (Galaxy MW1000PD)	181.44	12.88
11 44 19 00-0112	EA	120 Volt, 1,000 Watt, 20" Length x 18" Width x 12" Height, Office Series Microwave With Push Button Controls (Galaxy MW1000PB)	198.74	12.88
11 44 19 00-0113	EA	120 Volt, 1,000 Watt, 20" Length x 18" Width x 12" Height, Stainless Steel Commercial Microwave With Push Button Controls (Solwave MW1000SS)	256.41	12.88
11 44 19 00-0114	EA	120 Volt, 1,000 Watt, 2 CF, 22" Length x 18" Width x 13-1/2" Height, Stackable Commercial Microwave With Dial Controls (Solwave MW112D)	325.61	12.88
11 44 19 00-0115	EA	120 Volt, 1,000 Watt, 2 CF, 22" Length x 18" Width x 13 1/2" Height, Stackable Commercial Microwave With Dial Controls (Solwave MW112T)	406.34	12.88
11 44 19 00-0116	EA	120 Volt, 1,000 Watt, 16-1/2" Length x 20" Width x 12-1/4" Height, Stainless Steel Commercial Microwave With Dial Controls (Solwave RMS10DS)	256.41	12.88
11 44 19 00-0117	EA	120 Volt, 1,000 Watt, 16-1/2" Length x 20" Width x 12-1/4" Height, Stainless Steel Commercial Microwaves With Push Button Controls (Amana RMS10TS)	298.51	12.88
11 44 19 00-0118	EA	120 Volt, 1,000 Watt, 19" Length x 22" Width x 13-3/4" Height, Medium Volume, Stainless Steel Commercial Microwave (Amana RCS10DSE)	524.00	12.88
11 44 19 00-0119	EA	120 Volt, 1,000 Watt, 19" Length x 22" Width x 13-7/8" Height, Stackable, Commercial Microwave With Push Button Controls (Amana RCS10TS)	638.18	12.88
11 44 19 00-0120	EA	120 Volt, 1,000 Watt, 21-5/8" Length x 16-1/2" Width x 13-1/2" Height, Stainless Steel, Heavy-Duty Commercial Microwave With Push Button Controls (Amana HDC12A2)	1,333.65	12.88
11 44 19 00-0121	EA	120 Volt, 1,000 Watt, 18-1/8" Length x 20-1/2" Width x 12-1/4" Height, Stainless Steel, Commercial Microwave With Manual Controls (Vollrath 40830)	371.52	12.88
11 44 19 00-0122	EA	120 Volt, 1,000 Watt, 18-1/8" Length x 20-1/2" Width x 12-1/4" Height, Stainless Steel, Commercial Microwave With Digital Controls (Vollrath 40819)	504.45	12.88
11 44 19 00-0123	EA	120 Volt, 1,000 Watt, 17" Length x 20" Width x 12-1/4" Height, Stainless Steel, Commercial Microwave With Push Button Controls (Waring WMO90)	389.06	12.88
11 44 19 00-0124	EA	120 Volt, 1,000 Watt, 16-9/16" Length x 20-1/8" Width x 13" Height, Stainless Steel, Commercial Microwave With Push Button Controls (Panasonic NE-1054F)	342.92	12.88
11 44 19 00-0125	EA	120 Volt, 1,000 Watt, 16-3/8" Length x 20-1/8" Width x 12" Height, Stainless Steel Microwave With Programmable Memory Pads (Panasonic NE-1064F)	658.94	12.88
11 44 19 00-0126	EA	120 Volt, 1,000 Watt, 16-9/16" Length x 20-1/8" Width x 13" Height, Stainless Steel Commercial Microwave With Dial Timer (Panasonic NE-1025)	308.32	12.88
11 44 19 00-0127	EA	120 Volt, 1,200 Watt, 20-5/8" Length x 22-5/8" Width x 14-1/2" Height, Stainless Steel Commercial Microwave With Programmable Menu And Auto Cool Down (Solwave MW1200T)	635.87	12.88
11 44 19 00-0128	EA	120 Volt, 1,200 Watt, 22-1/4" Length x 16-1/2" Width x 13-1/2" Height, 100 Programmable Menu Items, See-through Door, USB Port, Commercial Heavy-Duty Stainless Steel Microwave (Solwave MWHD12)	705.07	12.88
11 44 19 00-0129	EA	120 Volt, 1,200 Watt, 20" Length x 16-5/8" Width x 13-3/16" Height, 15 Integrated Power Levels, See-through Door, Stainless Steel, Commercial, Medium Duty, Microwave With 90 Programmable Menu Pads (Panasonic NE-12523)	1,179.10	12.88
11 44 19 00-0130	EA	120 Volt, 1,200 Watt, 20" Length x 16-5/8" Width x 13-3/16" Height, Programmable, 15 Power Levels, Stainless Steel, Commercial, Medium Duty, Microwave With Push Button Controls (Panasonic NE-12521)	1,094.91	12.88
11 44 19 00-0131	EA	120 Volt, 2,000 Watt, 21" Length x 21-3/4" Width x 14-3/8" Height, 4 Cooking Stages, 5 Power Levels, Stainless Steel, Commercial, Medium Duty, Microwave With Push Button Controls (Amana RFS12TS)	1,287.51	12.88
11 44 19 00-0132	EA	208/230-240 Volt, 1,700 Watt, 20" Length x 16-5/8" Width x 13-3/16" Height, 3-Stage Cooking, See-through Door, Stainless Steel, Commercial Microwave With LCD Display (Panasonic NE-17521)	1,206.78	12.88
11 44 19 00-0133	EA	208/230-240 Volt, 1,700 Watt, 20" Length x 16-5/8" Width x 13" Height, LCD Display With Digital Countdown, Stainless Steel, Commercial Microwave With 90 Programmable Memory Pads (Panasonic NE-17523)	1,354.41	12.88
11 44 19 00-0134	EA	208/230-240 Volt, 2,100 Watt, 20-3/4" Length x 25-9/16" Width x 18-9/16" Height, Sonic Steamer, Stainless Steel, Commercial Microwave With 8 Programmable Memory Pads (Panasonic NE-2180)	3,643.23	12.88
11 44 19 00-0135	EA	208/230-240 Volt, 3,200 Watt, 20-3/4" Length x 25-9/16" Width x 18-5/8" Height, Sonic Steamer, See-though Door, Stainless Steel, Commercial Microwave With 3-stage Cook (Panasonic NE-3280)	4,826.57	12.88
11 44 19 00-0136	EA	208/230 Volt, 1,800 Watt, 20-1/4" Length x 21-3/4" Width x 14-1/4" Height, Stainless Steel, Commercial, Medium Duty Microwave With Push Button Controls (Amana RFS18TS)	1,510.11	12.88
11 44 19 00-0137	EA	208/230 Volt, 2,200 Watt, 23-1/2" Length x 25-5/8" Width x 18-5/8" Height, Stainless Steel, Heavy-Duty, 2 Pan Programmable Microwave (Amana AMSO22)	4,696.82	12.88
11 44 19 00-0138	EA	208/230 Volt, 2,400 Watt, 19-3/16" Length x 13-5/8" Width x 17-5/8" Height, 11 Power Levels, Stainless Steel, Commercial, Heavy-Duty Microwave With Push Button Controls (Amana AOC24)	2,901.05	12.88
11 44 19 00-0139	EA	208/240 Volt, 22-1/4" Length x 16-1/2" Width x 13-1/2" Height, Space Saver, USB Port, Stainless Steel, Commercial, Heavy-Duty Microwave (Solwave MWHD18)	785.81	12.88
11 44 19 00-0140	EA	208/240 Volt, 2,100 Watt, 1.2 CF, 20-5/8" Length x 22-5/8" Width x 14-1/2" Height, Large, Stainless Steel, Stackable, Commercial Microwave With Push Button Controls (Solwave MW2100T)	831.94	12.88
11 44 19 00-0141	EA	208/240 Volt, 2,100 Watt, 22-1/4" Length x 16-1/2" Width x 13-1/2" Height, 15 Power Levels, USB Port, Space Saver, Stainless Steel, Heavy-Duty, Commercial Microwave With Push Button Controls (Solwave MWHD21)	889.61	12.88
11 44 19 00-0142	EA	208/240 Volt, 1,700 Watt, 25-1/2" Length x 19-1/4" Width x 18-1/8" Height, See-through Door, Stainless Steel, Commercial, Heavy-Duty Microwave With Push Button Controls (Amana RC17S2)	2,132.92	12.88
11 44 19 00-0143	EA	208/240 Volt, 1,800 Watt, 1.2 CF, 20-5/8" Length x 22-5/8" Width x 14-1/2" Height, Large, Stainless Steel, Commercial Microwave With Push Button Controls (Solwave MW1800T)	716.61	12.88
11 44 19 00-0144	EA	208/240 Volt, 1,800 Watt, 21-5/8" Length x 15-1/2" Width x 13-1/2" Height, Stainless Steel, Commercial, Heavy-Duty Microwave With Push Button Controls (Amana HDC182)	1,562.01	12.88
11 44 19 00-0145	EA	208/240 Volt, 1,800 Watt, 31-5/8" Length x 16-1/2" Width x 13-1/3" Height, Stainless Steel Commercial, Heavy-Duty Microwave With Push Button Controls, Canadian Use Only (Amana HDC1815)	1,572.39	12.88
11 44 19 00-0146	EA	208/240 Volt, 1,800 Watt, 20-3/4" Length x 22-3/5" Width x 14-1/2" Height, Stainless Steel, Commercial, Medium Duty Microwave With Push Button Controls (Waring WMO120)	1,467.44	12.88

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 44 19 00-0147	EA	208/240 Volt, 2,100 Watt, 21-5/8" Length x 15-1/2" Width x 13-1/2" Height, 100 Programmable Menu Items, 11 Integrated Power Levels, Stainless Steel, Commercial, Heavy-Duty Microwave (Amana HDC212)	1,634.67	12.88
11 44 19 00-0148	EA	208/240 Volt, 2,100 Watt, 20" Length x 16-5/8" Width x 13-3/16" Height, 5 Cooking Stages, Half-size Pans, Stainless Steel, Commercial, Heavy-Duty Microwave With Push Button Controls (Panasonic NE-21521)	1,478.97	12.88
11 44 19 00-0149	EA	208/240 Volt, 2,200 Watt, 25-1/2" Length x 19-1/4" Width x 18-1/8" Height, Stainless Steel, Commercial, Heavy-Duty Microwave With Push Button Controls (Amana RC22S2)	2,662.31	12.88
11 44 19 00-0150	EA	208/240 Volt, 2,200 Watt, 25-1/2" Length x 19-1/4" Width x 18-1/8" Height, Stainless Steel, Commercial, Heavy-Duty Microwave With Push Button Controls (Amana RC30S2)	3,492.72	12.88
11 44 19 00-0151		**Ceramic Broiler On Storage Base With Doors** *(11 44 19)*		
11 44 19 00-0152	EA	Standard Finish Ceramic Boiler On Storage Base With Doors	8,538.03	169.97
11 44 19 00-0153	EA	Stainless Steel Front Ceramic Boiler On Storage Base With Doors	8,538.03	169.97
11 44 19 00-0154	EA	Stainless Steel Front And Sides Ceramic Boiler On Storage Base With Doors	10,611.66	212.19
11 44 19 00-0155		**Gas Countertop Hot Plate** *(11 44 19)*		
11 44 19 00-0156	EA	2 Burners Gas Countertop Hot Plate	1,088.50	21.65
11 44 19 00-0157		**Food Service Additions** *(11 44 19)*		
11 44 19 00-0158	EA	30" Diameter, Natural Gas, Cooktop With Electric Controls (Affinity 30Ge)	8,061.24	21.41
11 44 19 00-0159	EA	Heavy-Duty Stainless Steel Heated Under Counter Cabinet With Adjustable Thermostat, Digital Indicator, Chrome Plated Reals And Wire Shelves (Alto Shaam 500-S)	5,303.86	187.57
11 44 19 00-0160	EA	Oven-Combination Heated Holding Cabinet (Alto Shaam CTP20-10)	52,277.28	
11 44 19 00-0161	EA	1000 Watt, 1.2 CF, 14" Platter Capacity, Programmable, Commercial Grade, Stainless Steel, Microwave-oven (Amana RCS10TS)	1,058.32	13.39
11 44 19 00-0162	EA	1000 Watts, Programmable Power Level, Commercial Grade, Stainless Steel, Microwave-oven (Amana RMS10TS)	616.37	13.39
11 44 19 00-0163	EA	48" W x 24-1/2" D x 8" H, Single Deck, Gas Fired, Stainless Steel, Caster Mounted, Pizza Oven (Bakers Pride 3151)	18,377.78	168.48
11 44 19 00-0164	EA	120 Volt, 14.9 Amperes, 20' W, 6 Gallon Capacity Water Bath, Sparkling And Still Water Dispenser (Blupura/Crystallize BLUBAR COUNTERTOP 80)	8,704.89	324.60
11 44 19 00-0165	EA	1/3 HP, 120 Volt, 60 Hz, 15 Amperes, Top Opening, Self Contained Refrigerated System (Blupura/Crystallize FONTEMAGNA BRIDGE)	5,936.62	324.60
11 44 19 00-0166	EA	Broiler Less, Programmable, Stainless Steel, Convotherm Electric Oven-streamer (Cleveland OES-10.20)	20,550.69	235.87
11 44 19 00-0167	EA	115 VAC, 60 Hz, Forced Air Gas Combustion With Auto Ignition, Stainless Steel Skillet With Spring Assist Cover (Cleveland SGL-30-T1/Sgl-40-T1)	37,453.66	231.93
11 44 19 00-0168	EA	50 PSI, Water-resistant, Stationary Trileg Tilting Steam Jacketed Kettle (Cleveland / Groen KDL)	32,148.94	118.94
11 44 19 00-0169	EA	Top Mounted, Insulated Heated Cabinet With Magnetic Latch Door (Crescor H-137-PWSUA-12C - 12c is discontinued hw-137-pwsua-12d is new model)	19,466.42	64.89
11 44 19 00-0170	EA	6 Gallon, 1/5 HP, Bottom Mounted, Ice-Cream Dipping Cabinet (Delfield N255)	5,163.37	269.99
11 44 19 00-0171	EA	3/4" Diameter, 36" Length, Moveable Gas Connector Kit (Dormont 1675KIT)	291.12	22.02
11 44 19 00-0172	EA	1/4 HP, Stainless Steel, Mechanically Cooled Cold Food Unit (Duke AeroServ 316-25SS-N7)	10,210.36	299.01
11 44 19 00-0173	EA	20', 3/8" Thick, Stainless Steel, Heavy-Duty Mounting, Tempered Glass (English Mfg. M-107)	13,997.65	13.39
11 44 19 00-0174	EA	1,350 Lb., Stainless Steel, Elevated Ice Storage And Transport System (Follet Corporation ITS1350SG-60)	20,047.04	180.26
11 44 19 00-0175	EA	Gas Fired Pasta Cooker (Frymaster GPCRB-SC)	25,092.44	143.92
11 44 19 00-0176	EA	Stainless Steel, Anti-microbial, Vegetable Cutter (Globe A420VH)	1,107.24	6.18
11 44 19 00-0177	EA	5 kw Tank Heater, 1 HP Self-draining Pump, Electronic Automatic Control, Stainless Steel, Dishwasher (Hobart AM-15T)	26,506.12	209.23
11 44 19 00-0178	EA	Stainless Steel, Electric Dryer Interlocked With Washer To Start (Hobart CLe (BDELRAX-STDDOM))	23,229.27	179.34
11 44 19 00-0179	EA	1/2 HP, Medium Duty, Built-in Sharpener With 12" Blade (Hobart Edge 7510)	3,657.37	161.74
11 44 19 00-0180	EA	20 Quart, Countertop Mounted, Stainless Steel Bowl (Hobart HL200)	11,218.66	280.80
11 44 19 00-0181	EA	Electronic Control, Stainless Steel Dishwasher (Hobart LXi/LXiH new model is Lxeh)	17,885.83	209.23
11 44 19 00-0182	EA	27" x 32" x 26-3/4" H, Stainless Steel, Single Shelf Mixer Table (Hobart TABLE-HL2012)	3,538.69	54.71
11 44 19 00-0183	EA	Remote Air-Cooled, Stainless Steel, Ice Maker (Hoshizaki America KM-2100)	16,958.32	252.71
11 44 19 00-0184	EA	Anti-microbial, Individual Crescent Cube, Stainless Steel, Ice Maker (Hoshizaki America KM-2100/2500S_H3)	18,615.66	252.71
11 44 19 00-0185	EA	2,400 BTU, 1/3 HP, Air-Cooled, Stainless Steel, Leg Mounted, Under Counter Ice Maker (Hoshizaki America F-330BAJ-c)	7,480.42	224.64
11 44 19 00-0186	EA	24" Wide, Energy Efficient, Stainless Steel, Built-in Dishwasher (Kenmore 14743)	1,509.79	103.00
11 44 19 00-0187	EA	3.7 CF, 27"W x 29-1/4"D x 39"H, Energy Efficient, Full Size, White Front-loading Washing Machine (Kenmore 41272)	2,163.37	103.00
11 44 19 00-0188	EA	30" Wide, Slide In, Electric Coil, Black Top, Stainless Steel, Electric Range (Kenmore 46762)	2,516.22	103.00
11 44 19 00-0189	EA	15.0 CF, Top Freezer Compartment With Self Defrosting, Reversible Door, White Refrigerator (Kenmore 60302)	1,005.00	51.51
11 44 19 00-0190	EA	30" Stainless Steel, Vent Less Range Hood (Kenmore 22-51840)	433.75	77.26
11 44 19 00-0191	EA	22.89 CF, 33" W x 66 1/2" H x 34 3/4" D, Tall Through-the-door Dispenser With Light And Ultra Ice® Stainless Steel Water Filtration System With Indicator Light (Kenmore 46-51313)	1,719.84	51.51
11 44 19 00-0192	EA	Gas Fired, Adjustable Conveyor Speed, Single Level, Dual Air Return, Stainless Steel, Conveyor Oven (Middleby Marshall PS636G-1)	32,506.38	168.48
11 44 19 00-0193	EA	Stainless Steel, Gas Fired, Standing Pilot, Conventional Oven (Montague 124-5)	11,376.94	103.00
11 44 19 00-0194	EA	3/4" Thick, 36" Flat-top, 100,000 BTU, Manual Control, Heavy-Duty Range (Montague 136-8)	16,530.11	154.44
11 44 19 00-0195	EA	3/4" Thick Flat Top, 80,000 BTU, Thermostatic Control, Heavy-Duty Range (Montague C36-8T)	16,606.07	154.44
11 44 19 00-0196	EA	36", 114,000 BTU, Low Profile, Heavy-duty Counter Top With Six Burners (Montague Gas Range V136LB/UFLC-36R)	38,611.91	112.32
11 44 19 00-0197	EA	24", 140,000 BTU, Gas Fired, Standing Pilot, Stainless Steel, Convection Oven With Four 12" Burners (Montague Legend 124-5)	11,468.28	148.68
11 44 19 00-0198	EA	36", 110,000 BTU, Gas Fired, Open Top, Standing Pilot, Stainless Steel, Convection Oven With Two Round French Style Hot Tops (Montague Legend 136-9A)	14,113.30	190.93
11 44 19 00-0199	EA	225,000 BTU, Gas fired, Open Top, Standing Pilot, Stainless Steel, Convection Oven With Six Burners (Montague Legend V136-5)	14,113.30	190.93
11 44 19 00-0200	EA	36", 165,000 BTU, Gas Fired, Open Top, Standing Pilot, Stainless Steel, Convection Oven With Four Burners (Montague Legend V136-5A)	14,113.30	190.93

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 44 19 00-0201	EA	63,000 BTU, Gas Fired, Double Deck, Stainless Steel, Convection Oven (Montague Vectaire HX2-63A)	32,110.49	224.64
11 44 19 00-0202	EA	Ultra Continuous Feed Combination Food Processor. (Robot Coupe R 2 N)	2,273.64	248.68
11 44 19 00-0203	EA	Low Noise, Aluminum Alloy, Water Cooled Motor (Salvajor 750)	5,223.77	77.26
11 44 19 00-0204	EA	Low Flow, Backflow Prevention, Stainless Steel, Trough Collector (Salvajor S419)	14,100.30	237.67
11 44 19 00-0205	EA	92 GPH, Electronic Automatic Control, Stainless Steel, Dishwasher (Stero SDRA-PKG)	30,750.59	179.34
11 44 19 00-0206	EA	3-phase, Microprocessor Controlled, Air-cooled, Stainless Steel, Freezer (Taylor C723)	18,173.06	51.51
11 44 19 00-0207	EA	52-1/8"L x 35"D x 83-1/4"H, 1/3 HP, Microprocessor Controlled, Reach-in, Caster Mounted, Refrigerator (Traulsen G2000)	8,648.27	235.87
11 44 19 00-0208	EA	120 VAC, Wet Operation Only, Single Well, Round, Deep Drawn Stainless Steel, Cook'N Hold Built-in Food Warmer With Drain (Wells HW106D)	1,594.71	235.87
11 44 19 00-0209	EA	120 VAC, 3, 4, And 5 Well, Wet Or Dry Operation, Rectangular, Deep Drawn Stainless Steel, Built-in Modular Food Warmer (Wells MOD300DM)	3,890.88	235.87
11 44 19 00-0210	EA	120 VAC, 3, 4, And 5 Well, Wet Or Dry Operation, Rectangular, Deep Drawn Stainless Steel, Built-in Modular Food Warmer (Wells MOD400DM)	5,454.81	235.87
11 44 19 00-0211	EA	120 VAC, 3, 4, And 5 Well, Wet Or Dry Operation, Rectangular, Deep Drawn Stainless Steel, Built-in Modular Food Warmer (Wells MOD500DM)	6,614.95	235.87
11 44 19 00-0212	EA	Adjustable Radiant Flame, Thermostatically Controlled, Hearth Pizza Oven (Woodstone WS-FD-6045-RFG-L-IR-NG)	49,790.73	112.32

11 44 19 00-0213 Other Kettles *(11 44 19)*

11 44 19 00-0214	EA	20 QT Trunion Kettle With Stand (Groen TDC/320)	4,861.13	118.94
11 44 19 00-0215	EA	40 QT Trunion Kettle With Stand (Groen TDA/140)	7,640.75	118.94

11 44 19 00-0216 Charbroilers *(11 44 19)*

11 44 19 00-0217	EA	80,000 BTU, 26-13/16" Length x 24" Width x 16-5/16" Height, Gas Countertop Lava Briquette Charbroiler (Cooking Performance Group CBL24)	923.55	103.00
11 44 19 00-0218	EA	40,000 BTU, 26-13/16" Length x 15" Width x 16-5/16" Height, Gas Countertop Radiant Charbroiler (Cooking Performance Group CBR15)	776.58	137.31
11 44 19 00-0219	EA	70,000 BTU, 27-1/2" Length x 24" Width x 15" Height, Gas Countertop Radiant Charbroiler (Avantco AG24RC)	541.42	103.00
11 44 19 00-0220	EA	80,000 BTU, 26-13/16" Length x 24" Width x 16-5/16" Height, Gas Countertop Radiant Charbroiler (Cooking Performance Group CBR24)	966.57	117.74
11 44 19 00-0221	EA	80,000 BTU, 26-13/16" Length x 24" Width x 41-5/16" Height, Radiant Charbroiler With Storage Base (Cooking Performance Group 24CBRSBNL)	1,576.96	117.74
11 44 19 00-0222	EA	105,000 BTU, 27-1/2" Length x 36" Width x 15" Height, Gas Countertop Radiant Charbroiler (Avantco AG36RC)	992.26	137.31
11 44 19 00-0223	EA	120,000 BTU, 26-13/16" Length x 36" Width x 16-5/16" Height, Gas Countertop Radiant Charbroiler (Cooking Performance Group CBR36)	1,263.54	137.31
11 44 19 00-0224	EA	120,000 BTU, 32-1/8" Length x 36-3/8" Width x 40-13/16" Height, Gas Radiant Charbroiler With 2 Drawer Refrigerated Chef Base (Cooking Performance Group 36CBRRBNL)	2,959.70	164.81
11 44 19 00-0225	EA	120,000 BTU, 36-3/8" Length x 32-1/8" Width x 24-1/2" Height, Gas Lava Briquette Charbroiler With 2 Drawer Refrigerated Chef Base (Cooking Performance Group 36CBLRBNL)	2,973.26	164.81
11 44 19 00-0226	EA	120,000 BTU, 26-13/16" Length x 36" Width x 41-5/16" Height, Gas Radiant Charbroiler With Cabinet Base (Cooking Performance Group 36CBRSBNL)	1,860.36	137.31
11 44 19 00-0227	EA	140,000 BTU, 32-1/8" Length x 51-7/8" Width x 24-1/2" Height, Heavy-Duty Gas Griddle And Gas Lava Briquette Charbroiler With 2 Drawer Refrigerated Chef Base (Cooking Performance Group 24GTCLBNL)	4,207.60	164.81
11 44 19 00-0228	EA	140,000 BTU, 32-1/8" Length x 51-7/8" Width x 24-1/2" Height, Heavy-Duty Gas Griddle And Gas Radiant Charbroiler With 2 Drawer Refrigerated Chef Base (Cooking Performance Group 24GTCRBNL)	4,194.03	164.81
11 44 19 00-0229	EA	140,000 BTU, 32-1/8" Length x 51-7/8" Width x 24 1/2" Height, Gas Griddle And Gas Radiant Charbroiler With 2 Drawer Refrigerated Chef Base (Cooking Performance Group 24GMCRBNL)	3,949.88	164.81
11 44 19 00-0230	EA	160,000 BTU, 26-13/16" Length x 48" Width x 16-5/16" Height, Gas Countertop Radiant Charbroiler (Cooking Performance Group CBR48)	1,712.83	206.01
11 44 19 00-0231	EA	160,000 BTU, 32-1/8" Length x 51-7/8" Width x 24-1/2" Height, Gas Radiant Charbroiler With 2 Drawer Refrigerated Chef Base (Cooking Performance Group 48CBRRBNL)	3,394.78	206.01
11 44 19 00-0232	EA	200,000 BTU, 30-1/2" Length x 60" Width x 16-3/4" Height, Gas Radiant Charbroiler (Cooking Performance Group CBR60-NG(CPG))	2,106.19	206.01
11 44 19 00-0233	EA	200,000 BTU, 30-1/2" Length x 60" Width x 16-3/4" Height, Gas Radiant Charbroiler With 4 Drawer Refrigerated Chef Base (Cooking Performance Group 60CBRRBNL)	4,208.62	206.01

11 46 Food Dispensing Equipment *(11 40)*

11 46 13 Bar Equipment *(11 46)*

11 46 13 00-0001 Soft Serve Machines *(11 46 13)*

11 46 13 00-0002	EA	Soft Serve Machines, Medium	13,607.29	132.76
11 46 13 00-0003	EA	Soft Serve Machines, Large	22,949.68	162.19

11 46 13 00-0004 Salad Bars *(11 46 13)*

11 46 13 00-0005	EA	96" Refrigerated Salad Bar With Light 54" Height	14,007.42	460.89
11 46 13 00-0006	EA	96" Refrigerated Salad Bar Without Light 54" Height	12,841.50	460.89
11 46 13 00-0007	EA	96" Iced Salad Bar Without Light 54" Height	9,042.14	253.22
11 46 13 00-0008	EA	79" Iced Salad Bar Without Light 54" Height	7,149.77	208.02
11 46 13 00-0009	EA	79" Refrigerated Salad Bar Without Light 54" Height	10,863.59	305.20
11 46 13 00-0010	EA	114" Iced Salad Bar 34" Height	11,977.70	270.35
11 46 13 00-0011	EA	Salad Bar Tray Fixed	1,708.73	45.79
11 46 13 00-0012	EA	Salad Bar Tray Hinged	1,818.42	45.79

11 46 16 Service Line Equipment *(11 46)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 46 16 00-0001		**Food Warmer Holding Station** *(11 46 16)*		
11 46 16 00-0002	EA	Food Warmer Station And Heat Lamp	758.58	16.39
11 46 16 00-0003		**Reach-In Food Warmers** *(11 46 16)*		
11 46 16 00-0004	EA	One Drawer, 16 Roll Capacity Food Warmer	1,632.41	35.28
11 46 16 00-0005	EA	Three Drawer, 36 Roll Capacity Food Warmer	3,735.68	80.82
11 46 16 00-0006		**Countertop Food Warmer** *(11 46 16)*		
11 46 16 00-0007	EA	12" x 20", 1500 Watt, 120 Voltage, Full Size Electric Countertop Food Cooker / Warmer (Avantco W50CKR)	201.15	28.35
11 46 16 00-0008	EA	12" x 20", 1200 Watt, 120 Voltage, Full Size Electric Countertop Food Warmer (Avantco W50)	174.70	28.35
11 46 16 00-0009	EA	12" x 20", 1200 Watt, 120 Voltage, Full Size Electric Countertop Food Warmer / Topping Station With 1 Condiment Pump And (1) 7 Quart Inset With Lid And Ladle (Avantco WK12007PL)	562.34	28.35
11 46 16 00-0010	EA	12" x 20", 1200 Watt, 120 Voltage, Full Size Electric Countertop Food Warmer / Soup Station With 3 Insets, 3 Covers, And 3 (3 Ounce) Ladles (Avantco WK12004X3)	384.34	28.35
11 46 16 00-0011		**Hot Cabinets With Top Wells Electric** *(11 46 16)*		
11 46 16 00-0012	EA	2 Wells, 2 Compartments Hot Cabinet With Top Wells, Electric	8,731.25	169.97
11 46 16 00-0013	EA	3 Wells, 3 Compartments Hot Cabinet With Top Wells, Electric	12,474.53	243.59
11 46 16 00-0014		**Portable Hot Food Units** *(11 46 16)*		
11 46 16 00-0015	EA	46" Wide x 28" Deep x 34" Height, Three Well, Stainless Steel Hot Food Station (Vollrath Model 37030)	5,454.11	
11 46 16 00-0016	EA	60" Wide x 28" Deep x 34" Height, Four Well, Stainless Steel Hot Food Station (Vollrath Model 37040)	6,245.77	
11 46 16 00-0017	EA	74" Wide x 28" Deep x 34" Height, Five Well, Stainless Steel Hot Food Station (Vollrath Model 37050)	7,059.69	
11 46 16 00-0018		**Stationary Hot Food Units** *(11 46 16)*		
11 46 16 00-0019	EA	46" Wide x 29-1/2" Deep x 34" Height, Three Well, Stainless Steel Hot Food Station (Vollrath Model 38203)	1,651.87	34.61
11 46 16 00-0020	EA	61-1/4" Wide x 29-1/2" Deep x 34" Height, Four Well, Stainless Steel Hot Food Station (Vollrath Model 38204)	2,216.50	39.85
11 46 16 00-0021	EA	76" Wide x 29-1/2" Deep x 34" Height, Five Well, Stainless Steel Hot Food Station (Vollrath Model 38205)	2,760.04	51.03
11 46 16 00-0022		**Serving Counters** *(11 46 16)*		
11 46 16 00-0023	LF	11" Deep, Tray Slide With 3 Raised Reinforced Ribs And Backing Plate, 316 Stainless Steel Solid Surface, Straight Section	120.87	45.82
11 46 16 00-0024	LF	11" Deep, Tray Slide With 3 Raised Reinforced Ribs And Backing Plate, 316 Stainless Steel Solid Surface, Curved Section	157.06	70.20
11 46 16 00-0025		**Drop-In Equipment** *(11 46 16)*		
11 46 16 00-0026	EA	Hot Food Well, Rectangular	604.40	146.01
11 46 16 00-0027	EA	Hot Food Well, Circular	555.60	146.01
11 46 16 00-0028	EA	Refrigerated Well, 2 Compartment	1,937.65	146.01
11 46 16 00-0029	EA	Refrigerated Well, 3 Compartment	2,200.48	162.19
11 46 16 00-0030	EA	Refrigerated Well, 4 Compartment	2,499.64	182.51
11 46 16 00-0031	EA	Frost Cold Plate	2,301.22	162.19
11 46 16 00-0032		**Beverage Dispensing** *(11 46 16)*		
11 46 16 00-0033	EA	Coffee Urn, Twin 3 Gallon	3,709.37	213.52
11 46 16 00-0034	EA	Coffee Urn, Twin 6 Gallon	5,283.40	298.89
11 46 16 00-0035	EA	Coffee Brewer, 5 Burner	1,525.18	213.52
11 46 16 00-0036	EA	Hot Chocolate Dispenser	1,486.43	175.87
11 46 16 00-0037	EA	Iced Tea Brewer	2,181.95	175.87
11 46 16 00-0038	EA	Juice Dispenser (Concentrate)	1,624.53	324.15
11 46 16 00-0039	EA	Jet Spray Dispenser	2,296.24	324.49
11 46 16 00-0040	EA	Milk Dispenser, Bulk, 2 Flavor	1,922.02	182.51
11 46 16 00-0041	EA	Milk Dispenser, Bulk, 3 Flavor	2,617.54	182.51
11 46 16 00-0042		**Dish Dispensers** *(11 46 16)*		
11 46 16 00-0043	EA	Heated Plate Lift; Adjustable Plate Storage And Transport (Adcraft ADC-LR-2)	2,016.01	28.35
11 46 16 00-0044	EA	12" Diameter, Drop-in, Dish Dispenser	771.53	36.77
11 46 16 00-0045	EA	Drop-in, Cup And Glass Dispenser	1,321.98	114.33
11 46 16 00-0046	EA	Drop-in, Disposable Cup Dispenser	478.58	25.75
11 46 16 00-0047		**Tray And Silver Dispensers** *(11 46 16)*		
11 46 16 00-0048	EA	Tray And Silver Dispensers Mobile	2,994.66	25.75
11 46 16 00-0049		**Condiment Dispensers** *(11 46 16)*		
11 46 16 00-0050	EA	Butter Pat Dispenser	179.07	32.23
11 46 16 00-0051	EA	Bread Dispenser, Counter Top	498.77	32.23

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 46 16 00-0052		**Sandwich Rack Warmer** *(11 46 16)*		
11 46 16 00-0053	EA	18 Compartment, 2 Tier Sandwich Rack Warmer	3,749.10	130.79
11 46 16 00-0054		**Mobile Bread Counter** *(11 46 16)*		
11 46 16 00-0055	EA	Mobile Bread And Roll Counter	8,605.58	294.03
11 46 16 00-0056		**Open Service Stand** *(11 46 16)*		
11 46 16 00-0057	EA	6' Open Service Stand	3,319.83	106.45
11 46 16 00-0058	LF	Each Additional Foot Over 6 Foot Add	454.17	14.39
11 46 16 00-0059		**Mobile Serving Stand Unit** *(11 46 16)*		
11 46 16 00-0060	EA	36" Mobile Serving Stand Unit	2,899.32	101.81
11 46 16 00-0061	EA	96" Mobile Serving Stand Unit	4,765.89	152.60
11 46 16 00-0062		**Reach-In Heated Cabinets** *(11 46 16)*		
11 46 16 00-0063	EA	Heated Cabinet, Reach-in, 1 Compartment	5,865.35	187.23
11 46 16 00-0064	EA	Heated Cabinet, Reach-in, 2 Compartment	8,451.21	235.53
11 46 16 00-0065	EA	Heated Cabinet, 1 Compartment, Pass-Through Roll-In	6,139.90	187.23
11 46 16 00-0066	EA	Heated Cabinet, Pass-Through, Roll-In 2 Compartment	8,850.22	235.53
11 46 16 00-0067		**Mobile Heated Cabinets** *(11 46 16)*		
11 46 16 00-0068	EA	Mobile, Heated Cabinet	6,595.88	64.37
11 46 16 00-0069		**Smoothie Machine** *(11 46 16)*		
11 46 16 00-0070	EA	Smoothie Machines 3-1/2 HP Commercial Blender With Toggle Control And Two 64 Ounce Polycarbonate Containers (Avamix BX2000T2J)	363.91	28.35
11 46 16 00-0071	EA	Smoothie Machines 3-1/2 HP Commercial Blender With Toggle Control And One 64 Ounce Polycarbonate Container (Avamix BX2000T)	319.55	28.35
11 46 16 00-0072	EA	Smoothie Machines 3-1/2 HP Commercial Blender With Toggle Control, Adjustable Speed, And Two 64 Ounce Polycarbonate Containers (Avamix BX2000V2J)	386.67	28.35
11 46 16 00-0073	EA	Smoothie Machines 3-1/2 HP Commercial Blender With Touchpad Control, Adjustable Speed, And Two 64 Ounce Polycarbonate Containers (Avamix BX2100E2J)	398.05	28.35
11 46 16 00-0074	EA	Smoothie Machines 2 HP Commercial Blender With Toggle Control And 64 Ounce Polycarbonate Container (Avamix BL2T64)	212.31	28.35
11 46 16 00-0075		**Refrigerated Buffet Display Table** *(11 46 16)*		
11 46 16 00-0076	EA	35" Stainless Steel Refrigerated Buffet Display Table, Cooling Serving Stations (Turbo Air JBT-36-N)	3,516.38	28.35
11 46 16 00-0077	EA	47" Stainless Steel Refrigerated Buffet Display Table, Cooling Serving Stations (Turbo Air JBT-48-N)	4,659.05	28.35
11 46 16 00-0078	EA	59" Stainless Steel Refrigerated Buffet Display Table, Cooling Serving Stations (Turbo Air JBT-60-N)	5,382.92	28.35
11 46 16 00-0079	EA	71" Stainless Steel Refrigerated Buffet Display Table, Cooling Serving Stations (Turbo Air JBT-72-N)	6,304.39	28.35
11 46 16 00-0080		**Refrigerated Bakery Display Case** *(11 46 16)*		
11 46 16 00-0081	EA	26-1/2" Length x 36" Width x 48" Height, 36" Curved Glass, 2 Shelves, 36 To 43 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, White (Avantco BC36HCW)	1,944.29	25.75
11 46 16 00-0082	EA	26-1/2" Length x 47-7/8" Width x 48" Height, 48" Curved Glass, 2 Shelves, 36 To 43 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, Black (Avantco BC48HCB)	2,228.34	25.75
11 46 16 00-0083	EA	26-1/2" Length x 59-2/3" Width x 48" Height, 48" Curved Glass, 2 Shelves, 36 To 43 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, White (Avantco BC48HCW)	2,235.65	29.46
11 46 16 00-0084	EA	26-1/2" Length x 59-2/3" Width x 48" Height, 60" Curved Glass, 2 Shelves, 36 To 43 Degrees Fahrenheit, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, Black (Avantco BC60HCB)	2,425.01	29.46
11 46 16 00-0085	EA	26-1/2" Length x 59-2/3" Width x 48" Height, 60" Curved Glass, 2 Shelves, 36 To 43 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, White (Avantco BC60HCW)	2,425.01	29.46
11 46 16 00-0086	EA	26-1/2" Length x 71-1/2" Width x 48" Height, 72" Curved Glass, 2 Shelves, 36 To 43 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, Black (Avantco BC72HCB)	3,105.00	29.46
11 46 16 00-0087	EA	26-1/2" Length x 72-1/2" Width x 48" Height, 72" Curved Glass, 2 Shelves, 36 To 43 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Bakery Display Case, White (Avantco 193BC72HCW)	3,105.00	29.46
11 46 16 00-0088	EA	27-1/2" Length x 35-3/8" Width x 44-3/8" Height, 35-1/2" Square Glass, 2 Shelves, 2 Doors, 36 To 43 Degrees Fahrenheit Temperature Range, Refrigerant R-290, Full Service Two Tier Refrigerated Bakery Display Case, White (Turbo Air TBP3646NW)	3,908.07	34.30
11 46 16 00-0089	EA	27-1/2" Length x 35-3/8" Width x 44-3/8" Height, 35-1/2" Square Glass, 1 Shelf, 2 Doors, 36 To 43 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Two Tier Refrigerated Bakery Display Case With Lift-Up Front Glass, Black (Turbo Air TBP3646FN)	4,964.17	34.30
11 46 16 00-0090	EA	27-1/2" Length x 35-3/8" Width x 44-3/8" Height, 35-1/2" Square Glass, 1 Shelf, Two Doors, R-290 Refrigerant, Full Service Two Tier Refrigerated Bakery Display Case, Black (Turbo Air TBP3646NN)	3,908.07	34.30
11 46 16 00-0091	EA	27-1/2" Length x 35-3/8" Width x 44-3/8" Height, 35-1/2" Square Glass, 2 Shelves, 1 Door, R-290 Refrigerant, Two Tier Refrigerated Bakery Display Case With Lift-Up Front Glass, White (Turbo Air TBP3646FW)	4,964.17	34.30
11 46 16 00-0092	EA	27-1/2" Length x 35-3/8" Width x 52-3/8" Height, 35-1/2" Square Glass, 2 Doors, R-290 Refrigerant, Three Tier Refrigerated Bakery Display Case, White (Turbo Air TBP3654NW)	4,138.92	34.30

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 46 16 00-0093	EA	27-1/2" Length x 35-3/8" Width x 52-3/8" Height, 35-1/2" Square Glass, 2 Shelves, 2 Doors, R-290 Refrigerant, Full Service Three Tier Refrigerated Bakery Display Case With Lift-Up Front Glass, White (Turbo Air TBP3654F)	4,138.92	34.30
11 46 16 00-0094	EA	27-1/2" Length x 35-3/8" Width x 52-3/8" Height, 35-1/2" Square Glass, 2 Shelves, 2 Doors, R-290 Refrigerant, Full Service Three Tier Refrigerated Bakery Display Case, Black (Turbo Air TBP3654NN)	4,138.92	34.30
11 46 16 00-0095	EA	27-1/2" Length x 47-1/4" Width x 44-3/8" Height, 47" Square Glass, 1 Shelf, 2 Doors, R-290 Refrigerant, Full Service Two Tier Refrigerated Bakery Display Case, Black (Turbo Air TBP4846NN)	4,398.09	34.30
11 46 16 00-0096	EA	27-1/2" Length x 47-1/4" Width x 44-3/8" Height, 47" Square Glass, 1 Shelf, 2 Doors, R-290 Refrigerant, Two Tier Refrigerated Bakery Display Case With Lift-Up Front Glass, White (Turbo Air TBP4846FW)	5,589.01	34.30
11 46 16 00-0097	EA	27-1/2" Length x 47-1/4" Width x 44-3/8" Height, 47" Square Glass, 2 Shelves, 1 Door, R-290 Refrigerant, Full Service Two Tier Refrigerated Bakery Display Case, White (Turbo Air TBP4846NW)	4,398.09	34.30
11 46 16 00-0098	EA	27-1/2" Length x 47-1/4" Width x 44-3/8" Height, 47" Square Glass, 2 Shelves, 1 Door, R-290 Refrigerant, Full Service Two Tier Drop-In Refrigerated Bakery Display Case (Turbo Air TBP4846FD)	5,264.21	34.30
11 46 16 00-0099	EA	27-1/2" Length x 47-1/4" Width x 44-3/8" Height, 47" Square Glass, 2 Shelves, 1 Door, R-290 Refrigerant, Full Service Two Tier Black Refrigerated Bakery Display Case With Lift-Up Front Glass (Turbo Air TBP4846FN)	5,589.01	34.30
11 46 16 00-0100	EA	27-1/2" Length x 47-1/4" Width x 52-3/8" Height, 47" Square Glass, 2 Shelves, 1 Door, R-290 Refrigerant, Full Service Three Tier Refrigerated Bakery Display Case With Lift-Up Front Glass, White (Turbo Air TBP4854FW)	5,919.77	34.30
11 46 16 00-0101	EA	27-1/2" Length x 47-1/4" Width x 52-3/8" Height, 47" Square Glass, 2 Shelves, 2 Doors, R-290 Refrigerant, Full Service Three Tier Refrigerated Bakery Display Case, White (Turbo Air TBP4854NW)	4,657.87	34.30
11 46 16 00-0102	EA	27-1/2" Length x 47-1/4" Width x 52-3/8" Height, 47" Square Glass, 2 Shelves, 2 Doors, R-290 Refrigerant, Full Service Three Tier Drop-In Refrigerated Bakery Display Case (Turbo Air TBP4854FD)	5,575.59	34.30
11 46 16 00-0103	EA	27-1/2" Length x 47-1/4" Width x 52-3/8" Height, 47" Square Glass, 2 Shelves, 2 Doors, R-290 Refrigerant, Full Service Three Tier Black Refrigerated Bakery Display Case With Lift-Up Front Glass (Turbo Air TBP4854FN)	5,919.77	34.30
11 46 16 00-0104	EA	27-1/2" Length x 47-1/4" Width x 52-3/8" Height, 47" Square Glass, 2 Shelves, 2 Doors, R-290 Refrigerant, Full Service Three Tier Refrigerated Bakery Display Case, Black (Turbo Air TBP4854NN)	4,657.87	34.30
11 46 16 00-0105	EA	27-1/2" Length x 59" Width x 44-3/8" Height, 59" Square Glass, 1 Shelf, 2 Doors, R-290 Refrigerant, Full Service Two Tier Refrigerated Bakery Display Case With Lift-Up Front Glass, White (Turbo Air TBP6046FW)	6,124.66	34.30
11 46 16 00-0106	EA	27-1/2" Length x 59" Width x 44-3/8" Height, 59" Square Glass, 1 Shelf, 2 Doors, R-290 Refrigerant, Full Service Two Tier Drop-In Refrigerated Bakery Display Case (Turbo Air TBP6046FD)	5,768.55	34.30
11 46 16 00-0107	EA	27-1/2" Length x 59" Width x 44-3/8" Height, 59" Square Glass, 1 Shelf, 2 Doors, R-290 Refrigerant, Full Service Two Tier Refrigerated Bakery Display Case With Lift-Up Front Glass, Black (Turbo Air TBP6046FN)	6,124.66	34.30
11 46 16 00-0108	EA	27-1/2" Length x 59" Width x 44-3/8" Height, 59" Square Glass, 2 Shelves, 1 Door, R-290 Refrigerant, Full Service Two Tier Refrigerated Bakery Display Case, Black (Turbo Air TBP6046NN)	6,124.66	34.30
11 46 16 00-0109	EA	27-1/2" Length x 59" Width x 44-3/8" Height, 59" Square Glass, 2 Shelves, 1 Door, R-290 Refrigerant, Full Service Two Tier Refrigerated Bakery Display Case, Black (Turbo Air TBP6054FD)	6,110.35	34.30
11 46 16 00-0110	EA	27-1/2" Length x 59" Width x 52-3/8" Height, 36" Curved Glass, 2 Shelves, 2 Doors, 36 To 43 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, Black (Avantco 193BC36HCB)	1,967.67	37.49
11 46 16 00-0111	EA	27-1/2" Length x 59" Width x 52-3/8" Height, 59" Square Glass, 1 Shelf, 2 Doors, R-290 Refrigerant, Full Service Three Tier Refrigerated Bakery Display Case With Lift-Up Front Glass, White (Turbo Air TBP6054FW)	6,494.11	37.49
11 46 16 00-0112	EA	27-1/2" Length x 59" Width x 52-3/8" Height, 59" Square Glass, 2 Shelves, 2 Doors, R-290 Refrigerant, Full Service Three Tier Refrigerated Bakery Display Case, White (Turbo Air TBP6054NW)	5,109.64	37.49
11 46 16 00-0113	EA	27-1/2" Length x 35-3/8" Width x 52-3/8" Height, 35-1/2" Square Glass, 2 Shelves, 2 Doors, R-290 Refrigerant, Full Service Three Tier Refrigerated Bakery Display Case With Lift-Up Front Glass, White (Turbo Air TBP3654FW)	5,258.55	34.30
11 46 16 00-0114	EA	34-1/4" Length x 36-1/2" Width x 50-1/8" Height, 36" Curved Glass, 2 Shelves, R-290 Refrigerant, Full Service Dry Refrigerated Bakery Display Case, White (Turbo Air TCGB36RWN)	2,392.76	37.49
11 46 16 00-0115	EA	34-1/4" Length x 36-1/2" Width x 50-1/8" Height, 36" Flat Glass, 2 Shelves, R-290 Refrigerant, Open, Full Service Refrigerated Bakery Display Case, Black (Turbo Air TCGB36FBN)	6,707.66	37.49
11 46 16 00-0116	EA	34-1/4" Length x 36-1/2" Width x 50-1/8" Height, 36" Flat Glass, 2 Shelves, R-290 Refrigerant, Open, Full Service Refrigerated Bakery Display Case, White (Turbo Air TCGB36FWN)	6,707.66	37.49
11 46 16 00-0117	EA	34-1/4" Length x 36-1/2" Width x 50-1/8" Height, 36" Curved Glass, 2 Shelves, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, White (Turbo Air TCGB362WN)	6,707.66	37.49
11 46 16 00-0118	EA	34-1/4" Length x 48-1/2" Width x 50-1/8" Height, 48" Curved Glass, 2 Shelves, R-290 Refrigerant, Full Service Refrigerated Dry Bakery Display Case, White (Turbo Air TCGB48DWN)	5,462.52	37.49
11 46 16 00-0119	EA	34-1/4" Length x 48-1/2" Width x 50-1/8" Height, 48" Flat Glass, 2 Shelves, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Open, Refrigerated Bakery Display Case, Black (Turbo Air TCGB48FBN)	8,073.05	37.49
11 46 16 00-0120	EA	34-1/4" Length x 48-1/2" Width x 50-1/8" Height, 48" Flat Glass, 2 Shelves, 2 Doors, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, White (Turbo Air TCGB48FWN)	8,073.05	37.49
11 46 16 00-0121	EA	34-1/4" Length x 48-1/2" Width x 50-1/8" Height, 48" Curved Glass, 2 Shelves, 2 Doors, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, White (Turbo Air TCGB482WN)	8,073.05	37.49
11 46 16 00-0122	EA	34-1/4" Length x 60-1/2" Width x 50-1/8" Height, 60" Curved Glass, 2 Shelves, R-290 Refrigerant, Full Service Refrigerated Dry Bakery Display Case, White (Turbo Air TCGB60DWN)	6,277.42	37.49
11 46 16 00-0123	EA	34-1/4" Length x 60-1/2" Width x 50-1/8" Height, 60" Flat Glass, 2 Shelves, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, Black (Turbo Air TCGB60FBN)	8,199.80	37.49
11 46 16 00-0124	EA	34-1/4" Length x 60-1/2" Width x 50-1/8" Height, 60" Flat Glass, 2 Shelves, 2 Doors, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Open, Full Service Refrigerated Bakery Display Case, White (Turbo Air TCGB60FWN)	15,472.25	37.49
11 46 16 00-0125	EA	34-1/4" Length x 60-1/2" Width x 50-1/8" Height, 60" Curved Glass, 4 Shelves, 2 Doors, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Dry Refrigerated Bakery Display Case, White (Turbo Air TCGB602WN)	15,472.25	37.49
11 46 16 00-0126	EA	34-1/4" Length x 72-1/2" Width x 50-1/8" Height, 72" Curved Glass, 2 Shelves, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, White (Turbo Air TCGB722WN)	8,574.76	41.20
11 46 16 00-0127		Dry Bakery Display Case *(11 46 16)*		
11 46 16 00-0128	EA	26-1/2" Length x 36" Width x 48" Height, 36" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, Black (Avantco BCD36B)	1,700.32	25.75
11 46 16 00-0129	EA	26-1/2" Length x 36" Width x 48" Height, 36" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, White (Avantco BCD36W)	1,700.32	25.75

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 46 16 00-0130	EA	26-1/2" Length x 47.8" Width x 48" Height, 48" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, Black (Avantco BCD48B)	1,883.62	25.75
11 46 16 00-0131	EA	26-1/2" Length x 47.8" Width x 48" Height, 48" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, White (Avantco BCD48W)	1,883.62	25.75
11 46 16 00-0132	EA	26-1/2" Length x 59-2/3" Width x 48" Height, 60" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, Black (Avantco BCD60B)	2,165.89	29.46
11 46 16 00-0133	EA	26-1/2" Length x 59-2/3" Width x 48" Height, 60" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, White (Avantco BCD60W)	2,578.32	29.46
11 46 16 00-0134	EA	26-1/2" Length x 71-1/2" Width x 48" Height, 72" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, Black (Avantco BCD72B)	2,523.33	29.46
11 46 16 00-0135	EA	26-1/2" Length x 71-1/2" Width x 48" Height, 72" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, White (Avantco BCD72W)	2,523.33	29.46
11 46 16 00-0136	EA	27-1/2" Length x 36-3/8" Width x 44-3/8" Height, 73-11/16" Curved Glass, 1 Shelf, 2 Doors, Full Service Dry Bakery Display Case, Black (Beverage-Air TBP3646FN)	5,281.36	34.30
11 46 16 00-0137	EA	27-1/2" Length x 36-3/8" Width x 44-3/8" Height, 73-11/16" Curved Glass, 1 Shelf, 2 Doors, Full Service Dry Bakery Display Case, White (Beverage-Air TBP3646FW)	10,494.02	34.30
11 46 16 00-0138	EA	34-1/4" Length x 72-1/2" Width x 50-1/8" Height, 72" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, White (Turbo Air TCGB72DWN)	6,382.02	41.20
11 46 16 00-0139	EA	35-3/4" Length x 37-1/4" Width x 48-9/16" Height, 37-1/4" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, White (Beverage-Air CDR3HCWD)	5,123.07	37.49
11 46 16 00-0140	EA	35-3/4" Length x 36-1/4" Width x 48-9/16" Height, 37-1/4" Curved Glass, 2 Shelves, 2 Doors, Dry Bakery Display Case, Black (Beverage-Air CDR3HCBD)	5,123.07	37.49
11 46 16 00-0141	EA	35-3/4" Length x 49-1/4" Width x 48-9/16" Height, 49-1/4" Curved Glass, 2 Shelves, 2 Doors, Full Service Dry Bakery Display Case, Black (Beverage-Air CDR4HCBD)	5,123.07	37.49
11 46 16 00-0142	EA	35-3/4" Length x 49-1/4" Width x 48-9/16" Height, 49-1/4" Curved Glass, 2 Doors, 2 Shelves, Dry Bakery Display Case, White (Beverage-Air CDR4HCWD)	5,123.07	37.49
11 46 16 00-0143	EA	35-3/4" Length x 60-1/4" Width x 48-9/16" Height, 60-1/4" Curved Glass, 2 Shelves, 2 Doors, Dry Bakery Display Case, Black (Beverage-Air CDR5HCBD)	5,327.91	37.49
11 46 16 00-0144	EA	35-3/4" Length x 60-1/4" Width x 48-9/16" Height, 60-1/4" Curved Glass, 2 Shelves, 2 Doors, Full Service Dry Bakery Display Case, White (Beverage-Air CDR5HCWD)	5,327.91	37.49
11 46 16 00-0145	EA	35-3/4" Length x 73-11/16" Width x 48-9/16" Height, 73-11/16" Curved Glass, 2 Shelves, 2 Doors, Full Service Dry Bakery Display Case, Black (Beverage-Air CDR6HCBD)	5,760.69	41.20
11 46 16 00-0146	EA	35-3/4" Length x 73-11/16" Width x 48-9/16" Height, 73-11/16" Curved Glass, 2 Shelves, 2 Doors, Full Service Dry Bakery Display Case, White(Beverage-Air CDR6HCWD)	5,760.69	41.20
11 46 16 00-0147		**Dual Dry/Refrigerated Bakery Display Case** *(11 46 16)*		
11 46 16 00-0148	EA	34-1/4" Length x 60-1/2" Width x 50-1/8" Height, 60" Flat Glass, 4 Shelves, 2 Doors, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Dual Dry/Refrigerated Bakery Display Case, Black (Turbo Air TCGB60UFCBON)	16,795.98	37.49
11 46 16 00-0149	EA	34-1/4" Length x 60-1/2" Width x 50-1/8" Height, 60" Flat Glass, 4 Shelves, 2 Doors, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Dual Dry/Refrigerated Bakery Display Case, White (Turbo Air TCGB60UFCOWN)	16,795.98	37.49
11 46 16 00-0150	EA	34-1/4" Length x 60-1/2" Width x 50-1/8" Height, 60" Curved Glass, 4 Shelves, 33 To 41 Degrees Fahrenheit Temperature Range, Refrigerant R-290, Full Service Dual Dry/Refrigerated Bakery Display Case, White (Turbo Air TCGB60COWN)	16,795.98	37.49
11 46 16 00-0151	EA	34-1/4" Length x 72-1/2" Width x 50-1/8" Height, 72" Curved Glass, 2 Shelves, 2 Doors, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Dual Dry/Refrigerated Bakery Display Case, White (Turbo Air TCGB72UFCOWN)	16,803.49	41.20
11 46 16 00-0152	EA	34-1/4" Length x 72-1/2" Width x 50-1/8" Height, 72" Curved Glass, 4 Shelves, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Dual Dry/Refrigerated Bakery Display Case, White (Turbo Air TCGB72COWN)	17,247.74	41.20
11 46 16 00-0153		**Refrigerated Deli Case** *(11 46 16)*		
11 46 16 00-0154	EA	30" Length x 72-1/2" Width x 41-7/8" Height, 72" Low Profile Curved Glass, 1 Shelf, Sliding Door, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, White (Turbo Air TCDD72LWN)	7,956.51	137.31
11 46 16 00-0155	EA	30" Length x 72-1/2" Width x 50-1/8" Height, 72" Curved Glass, 2 Shelves, Sliding Door, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, White (Turbo Air TCDD72HWN)	7,956.51	137.31
11 46 16 00-0156	EA	30" Length x 96-1/2" Width x 41-7/8" Height, 96" Low Profile Curved Glass, 1 Shelf, Sliding Door, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, White (Turbo Air TCDD96LWN)	9,106.30	137.31
11 46 16 00-0157	EA	30" Length x 96-1/2" Width x 5-1/8" Height, 96" Curved Glass, 1 Shelf, Sliding Door, 33 To 41 Degree Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, White (Turbo Air TCDD96HWN)	9,106.30	137.31
11 46 16 00-0158	EA	32-1/2" Length x 36-1/4" Width x 42-7/8" Height, 36" Curved Glass, 4 Shelves, 2 Doors, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, Black (Avantco DLC36HCB)	1,890.52	82.40
11 46 16 00-0159	EA	32-1/2" Length x 36-1/4" Width x 42-7/8" Height, 36" Curved Glass, 4 Shelves, 2 Doors, Sliding Doors, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Stainless Steel Refrigerated Deli Case (Avantco DLC36HCS)	2,053.73	82.40
11 46 16 00-0160	EA	32-1/2" Length x 36-1/4" Width x 42-7/8" Height, 36" Curved Glass, 4 Shelves, 2 Doors, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, White (Avantco DLC36HCW)	1,890.52	82.40
11 46 16 00-0161	EA	32-1/2" Length x 47-1/4" Width x 42-7/8" Height, 47" Curved Glass, 6 Shelves, 2 Doors, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, Black (Avantco DLC47HCB)	2,146.47	103.00
11 46 16 00-0162	EA	32-1/2" Length x 47-1/4" Width x 42-7/8" Height, 47" Curved Glass, 6 Shelves, 2 Doors, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Stainless Steel Refrigerated Deli Case (Avantco DLC47HCS)	2,326.86	103.00
11 46 16 00-0163	EA	32-1/2" Length x 64-1/3" Width x 42-7/8" Height, 64" Curved Glass, 6 Shelves, 2 Doors, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, White (Avantco DLC64HCW)	2,524.41	137.31

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 46 16 00-0164	EA	32-1/2" Length x 64-1/4" Width x 42-7/8" Height, 64" Curved Glass, 6 Shelves, 2 Doors, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, Black (Avantco DLC64HCB)	2,524.41	137.31
11 46 16 00-0165	EA	32-1/2" Length x 64-1/4" Width x 42-7/8" Height, 64" Curved Glass, 6 Shelves, 2 Doors, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Stainless Steel Refrigerated Deli Case (Avantco DLC64HCS)	2,842.24	137.31
11 46 16 00-0166	EA	32-1/2" Length x 64-1/4" Width x 42-7/8" Height, 47" Curved Glass, 6 Shelves, 2 Doors, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, White (Avantco DLC47HCW)	2,215.18	137.31
11 46 16 00-0167	EA	32-1/2" Length x 82" Width x 42-7/8" Height, 82" Curved Glass, 9 Shelves, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, Black (Avantco DLC82HCB)	2,747.75	137.31
11 46 16 00-0168	EA	32-1/2" Length x 82" Width x 42-7/8" Height, 82" Curved Glass, 9 Shelves, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, White (Avantco DLC82HCW)	2,747.75	137.31
11 46 16 00-0169	EA	32-1/2" Length x 82" Width x 42-7/8" Height, 82" Curved Glass, 9 Shelves, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Stainless Steel Refrigerated Deli Case (Avantco DLC82HCS)	3,014.04	137.31

11 46 19 Soda Fountain Equipment *(11 46)*

11 46 19 00-0001 Carbonated Beverage Dispensing *(11 46 19)*

11 46 19 00-0002	EA	Carbonated Beverage Dispenser	4,107.10	456.35
11 46 19 00-0003	EA	Carbonated Beverage Dispenser With 90 Lb. Ice	6,516.82	521.49
11 46 19 00-0004	EA	Carbonated Beverage Dispenser With 150 Lb. Ice	11,983.25	730.06

11 46 19 00-0005 Beverage Chilling Systems *(11 46 19)*

11 46 19 00-0006	EA	Beverage Chiller, Small	8,275.60	366.93
11 46 19 00-0007	EA	Beverage Chiller, Large	15,497.77	550.45

11 46 83 Ice Machines *(11 46)*

11 46 83 00-0001 Ice Flakers *(11 46 83)*

11 46 83 00-0002	EA	300 Lb./Day, Ice Flakers	6,273.19	598.01
11 46 83 00-0003	EA	600 Lb./Day, Ice Flakers	11,366.21	956.82
11 46 83 00-0004	EA	1,000 Lb./Day, Ice Flakers	14,048.43	1,315.63
11 46 83 00-0005	EA	2,000 Lb./Day, Ice Flakers	17,167.89	1,435.23

11 46 83 00-0006 Undercounter Ice Machines With Bin *(11 46 83)*

11 46 83 00-0007	EA	53 Lb./Day, Air-Cooled Undercounter Octagonal Cube Ice Machine With 25 Lb. Capacity Bin (Manitowoc SM-50A 115/60/1)	2,425.58	25.75
11 46 83 00-0008	EA	85 Lb./Day, Air-Cooled Undercounter Pearl/Nugget Ice Machine With 22 Lb. Capacity Bin (Ice-O-Matic GEMU090)	3,914.55	196.55
11 46 83 00-0009	EA	137 Lb./Day, Air-Cooled Undercounter Half Dice Cube Ice Machine With 90 Lb. Capacity Bin (Manitowoc UYF0140A)	2,989.20	196.55
11 46 83 00-0010	EA	100 Lb./Day, Undercounter, Air-Cooled Ice Machine With 57 Lb. Capacity Bin (Scotsman CU0920MA)	2,918.43	196.55
11 46 83 00-0011	EA	227 Lb./Day, Undercounter, Air-Cooled Ice Machine With 80 Lb. Capacity Bin (Scotsman UC2024SA)	3,143.54	210.60
11 46 83 00-0012	EA	282 Lb./Day, Undercounter, Air-Cooled Ice Machine With 80 Lb. Capacity Bin (Scotsman UC2724SA)	3,512.63	210.60

11 46 83 00-0013 Ice Cube Maker *(11 46 83)*

11 46 83 00-0014	EA	320 Lb./Day, Modular Ice Maker Without Bin	4,237.04	210.60
11 46 83 00-0015	EA	451 Lb./Day, Modular Ice Maker Without Bin	4,604.55	224.64
11 46 83 00-0016	EA	600 Lb./Day, Modular Ice Maker Without Bin	5,273.61	224.64
11 46 83 00-0017	EA	901 Lb./Day, Modular Ice Maker Without Bin	7,544.78	238.67
11 46 83 00-0018	EA	1301 Lb./Day, Modular Ice Maker Without Bin	8,563.33	238.67
11 46 83 00-0019	EA	1601 Lb./Day, Modular Ice Maker Without Bin	10,325.46	252.71
11 46 83 00-0020	EA	1900 Lb./Day, Modular Ice Maker Without Bin	11,407.89	252.71

11 46 83 00-0021 Ice Storage Bins *(11 46 83)*

11 46 83 00-0022	EA	260 Lb. Capacity, Stainless Steel Ice Storage Bin	1,708.16	154.51
11 46 83 00-0023	EA	360 Lb. Capacity, Stainless Steel Ice Storage Bin	1,871.70	154.51
11 46 83 00-0024	EA	550 Lb. Capacity, Stainless Steel Ice Storage Bin	2,333.54	167.38
11 46 83 00-0025	EA	660 Lb. Capacity, Stainless Steel Ice Storage Bin	2,515.26	167.38
11 46 83 00-0026	EA	1,150 Lb. Capacity, Stainless Steel Ice Storage Bin	4,812.36	180.26

11 48 Foodservice Cleaning and Disposal Equipment *(11 40)*

11 48 13 Commercial Dishwashers *(11 48)*

11 48 13 00-0001 Rack Type Dishwasher *(11 48 13)*

11 48 13 00-0002	EA	Dishwasher, 1 Tank And 190 To 230 Racks/Hour	25,844.33	1,016.22
11 48 13 00-0003	EA	Dishwasher, 2 Tanks And 234 To 260 Racks/Hour	42,109.90	1,255.34
11 48 13 00-0004	EA	Dishwasher, 2 Tanks And 265 To 290 Racks/Hour	50,342.92	1,434.67

11 48 13 00-0005 Exhaust Hood Dishwasher *(11 48 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 48 13 00-0006	EA	4' x 4' x 2' Dishwasher Exhaust Hood Stainless Steel With Gutter On All Sides	2,574.94	241.51
11 48 13 00-0007	EA	4' x 4' x 7' Dishwasher Exhaust Hood Stainless Steel With Gutter On All Sides	4,419.29	289.81
11 48 13 00-0008		Undercounter Type Dishwasher *(11 48 13)*		
11 48 13 00-0009	EA	High Speed, Undercounter Commercial Dishwasher (Hobart LX30-H)	6,515.38	209.23
11 48 13 00-0010		Dish Tables *(11 48 13)*		
11 48 13 00-0011	LF	Clean/Soiled Dish Table, Basic	300.11	45.91
11 48 13 00-0012	LF	Clean/Soiled Dish Table With Trough	471.92	68.81
11 48 13 00-0013	LF	Clean/Soiled Dish Table, Maximum	571.23	91.71
11 48 13 00-0014		Sprays And Hoses *(11 48 13)*		
11 48 13 00-0015		Sprays, Fillers *(11 48 13 00-0014)*		
11 48 13 00-0016	EA	Pre-Rinse Spray	479.50	87.18
11 48 13 00-0017	EA	Kettle Fillers	418.49	87.18
11 48 13 00-0018		Hoses *(11 48 13 00-0014)*		
11 48 13 00-0019	EA	Hose Reel	575.40	104.66
11 48 13 00-0020	EA	Wash-Down Hose	453.38	104.66
11 48 13 00-0021	EA	Hose Reel And Spray System With Accessories (Chicago 535NF)	1,450.96	
11 48 16		**Foodservice Disposal Equipment** *(11 48)*		
11 48 16 00-0001		Garbage Disposals *(11 48 16)* Note: Manual switch.		
11 48 16 00-0002	EA	1/2 HP, 115/208-230 Volt, 1 Phase, Stainless Steel, Garbage Disposal	1,665.61	161.40
11 48 16 00-0003	EA	3/4 HP, 115/208-230 Volt, 1 Phase, Stainless Steel, Garbage Disposal	2,104.21	167.38
11 48 16 00-0004	EA	1 HP, 115/208-230 Volt, 1 Phase, Stainless Steel, Garbage Disposal	2,259.78	173.36
11 48 16 00-0005	EA	1.5 HP, 115/208-230 Volt, 1 Phase, Stainless Steel, Garbage Disposal	2,958.67	179.34
11 48 16 00-0006	EA	2 HP, 115/208-230 Volt, 1 Phase, Stainless Steel, Garbage Disposal	3,226.65	197.27
11 48 16 00-0007	EA	3 HP, 208-230/460 Volt, 3 Phase, Stainless Steel, Garbage Disposal	4,555.30	215.20
11 48 16 00-0008	EA	5 HP, 208-230/460 Volt, 3 Phase, Stainless Steel, Garbage Disposal	5,444.06	239.11
11 48 16 00-0009	EA	7-1/2 HP, 208-230/460 Volt, 3 Phase, Stainless Steel, Garbage Disposal	7,584.68	257.04
11 48 16 00-0010	EA	10 HP, 208-230/460 Volt, 3 Phase, Stainless Steel, Garbage Disposal	9,993.68	269.00
11 48 16 00-0011		Pulper/Extractors *(11 48 16)*		
11 48 16 00-0012	EA	5 HP, Pulper/Extractor, Close-Coupled	6,619.64	249.03

11 50 Educational and Scientific Equipment *(11)*

11 52 Audio-Visual Equipment *(11 50)*

11 52 13 Projection Screens *(11 52)*

11 52 13 13 Fixed Projection Screens *(11 52 13)*

11 52 13 13-0001		Screens *(11 52 13 13)*		
11 52 13 13-0002		Pull Down Project Screen, Matte White Or Glass Beaded (Da-Lite Model B) *(11 52 13 13-0001)*		
11 52 13 13-0003	EA	40" x 40" Pull Down Projection Screen (Da-Lite B)	397.07	79.72
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0004	EA	50" x 50" Pull Down Projection Screen (Da-Lite B)	471.37	102.49
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0005	EA	60" x 60" Pull Down Projection Screen (Da-Lite B)	591.22	142.35
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0006	EA	70" x 70" Pull Down Projection Screen (Da-Lite B)	682.61	170.82
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0007	EA	84" x 84" Pull Down Projection Screen (Da-Lite B)	1,060.07	256.23
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0008	EA	96" x 96" Pull Down Projection Screen (Da-Lite B)	1,254.77	284.70
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 13 13-0009	EA	64" x 84" Pull Down Projection Screen (Da-Lite B)	912.02	182.21
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0010	EA	72" x 96" Pull Down Projection Screen (Da-Lite B)	1,037.57	227.76
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0011	EA	43" x 57" Pull Down Projection Screen (Da-Lite B)	569.01	96.79
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0012	EA	50" x 67" Pull Down Projection Screen (Da-Lite B)	786.48	136.65
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0013	EA	55" x 77" Pull Down Projection Screen (Da-Lite B)	855.09	153.74
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0014	EA	60" x 80" Pull Down Projection Screen (Da-Lite B)	912.30	165.12
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0015	EA	69" x 92" Pull Down Projection Screen (Da-Lite B)	1,049.51	199.29
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0016	EA	45" x 80" Pull Down Projection Screen (Da-Lite B)	866.75	142.35
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0017	EA	52" x 92" Pull Down Projection Screen (Da-Lite B)	981.18	165.12
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	

11 52 13 13-0018 Heavy-Duty Pull Down Project Screen, Matte White Or Glass Beaded (Da-Lite Model C) *(11 52 13 13-0001)*

11 52 13 13-0019	EA	50" x 50" Pull Down Projection Screen (Da-Lite C)	953.55	102.49
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0020	EA	60" x 60" Pull Down Projection Screen (Da-Lite C)	1,107.84	142.35
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0021	EA	70" x 70" Pull Down Projection Screen (Da-Lite C)	1,279.21	193.60
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0022	EA	84" x 84" Pull Down Projection Screen (Da-Lite C)	1,473.36	256.23
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0023	EA	6' x 8' Pull Down Projection Screen (Da-Lite C)	1,622.52	261.92
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0024	EA	8' x 8' Pull Down Projection Screen (Da-Lite C)	1,736.94	284.70
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0025	EA	7' x 9' Pull Down Projection Screen (Da-Lite C)	1,771.38	284.70
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0026	EA	9' x 9' Pull Down Projection Screen (Da-Lite C)	1,908.87	301.78
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0027	EA	8' x 10' Pull Down Projection Screen (Da-Lite C)	2,046.37	318.86
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0028	EA	10' x 10' Pull Down Projection Screen (Da-Lite C)	2,195.23	341.64
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0029	EA	9' x 12' Pull Down Projection Screen (Da-Lite C)	2,470.76	341.64
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 13 13-0030	EA	12' x 12' Pull Down Projection Screen (Da-Lite C)	2,836.28	455.52
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0031		**Heavy-Duty Pull Down Project Screen, Matte White Or Glass Beaded (Da-Lite Model C With CSR)** *(11 52 13 13-0001)*		
		Note: With controlled screen return.		
11 52 13 13-0032	EA	60" x 60" Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	1,796.66	142.35
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0033	EA	70" x 70" Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	2,002.47	193.60
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0034	EA	84" x 84" Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	2,196.62	256.23
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0035	EA	6' x 8' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	2,311.34	261.92
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0036	EA	8' x 8' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	2,460.20	284.70
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0037	EA	7' x 9' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	2,494.64	284.70
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0038	EA	9' x 9' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	2,632.13	301.78
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0039	EA	8' x 10' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	2,689.36	313.16
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0040	EA	10' x 10' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	3,021.81	341.64
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0041	EA	9' x 12' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	3,331.78	341.64
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0042	EA	12' x 12' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	3,766.19	455.52
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0043		**Electric Project Screen, Matte White Or Glass Beaded (Da-Lite Cosmopolitan Electrol)** *(11 52 13 13-0001)*		
		Note: Heavy-duty screen for exposed installation.		
11 52 13 13-0044	EA	50" x 50" Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	2,568.44	128.11
11 52 13 13-0045	EA	60" x 60" Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	2,624.50	142.35
11 52 13 13-0046	EA	70" x 70" Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	2,733.87	170.82
11 52 13 13-0047	EA	84" x 84" Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	3,141.98	256.23
11 52 13 13-0048	EA	6' x 8' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	3,219.59	261.92
11 52 13 13-0049	EA	8' x 8' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	3,416.88	284.70
11 52 13 13-0050	EA	7' x 9' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	3,485.86	284.70
11 52 13 13-0051	EA	9' x 9' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	3,658.17	304.63
11 52 13 13-0052	EA	8' x 10' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	3,871.51	318.86
11 52 13 13-0053	EA	10' x 10' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	4,008.11	341.64
11 52 13 13-0054	EA	9' x 12' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	4,132.27	341.64
11 52 13 13-0055	EA	12' x 12' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	4,575.25	455.52
11 52 13 13-0056		**Electric Project Screen, Matte White Or Glass Beaded (Da-Lite Professional Electrol)** *(11 52 13 13-0001)*		
		Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0057	EA	9' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)	6,534.80	341.64
		Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0058	EA	12' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)	7,038.08	455.52
		Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0059	EA	14' x 14' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)	8,736.25	512.46
		Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0060	EA	12' x 16' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)	9,194.54	569.39
		Note: Heavy-duty screen for exposed or recessed installation without doors.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 13 13-0061	EA	16' x 16' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	9,766.72	683.27
11 52 13 13-0062	EA	13.5' x 18' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	10,913.81	740.22
11 52 13 13-0063	EA	18' x 18' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	11,957.61	797.15
11 52 13 13-0064	EA	15' x 20' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	12,646.43	797.15
11 52 13 13-0065	EA	20' x 20' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	13,597.45	911.03
11 52 13 13-0066	EA	11' x 22' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	12,635.86	740.22
11 52 13 13-0067	EA	16.5' x 22' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	13,321.92	911.03
11 52 13 13-0068	EA	22' x 22' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	13,894.09	1,024.91
11 52 13 13-0069	EA	12' x 24' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	13,438.57	797.15
11 52 13 13-0070	EA	18' x 24' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	17,338.19	1,024.91
11 52 13 13-0071		Electric Project Screen, Matte White Or Glass Beaded (Da-Lite Executive Electrol) *(11 52 13 13-0001)* Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0072	EA	50" x 50" Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	6,107.76	128.11
11 52 13 13-0073	EA	60" x 60" Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	6,239.55	142.35
11 52 13 13-0074	EA	70" x 70" Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	6,365.37	170.82
11 52 13 13-0075	EA	84" x 84" Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	6,777.28	256.23
11 52 13 13-0076	EA	6' x 8' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	6,857.55	261.92
11 52 13 13-0077	EA	8' x 8' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	7,109.74	284.70
11 52 13 13-0078	EA	7' x 9' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	7,316.38	284.70
11 52 13 13-0079	EA	9' x 9' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	7,459.56	304.63
11 52 13 13-0080	EA	8' x 10' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	7,660.25	318.86
11 52 13 13-0081	EA	10' x 10' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	7,843.55	341.64
11 52 13 13-0082	EA	9' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	7,912.44	341.64
11 52 13 13-0083	EA	12' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	8,484.61	455.52
11 52 13 13-0084	EA	10.6' x 14' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	9,092.61	483.99
11 52 13 13-0085	EA	14' x 14' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	9,493.95	512.46
11 52 13 13-0086	EA	12' x 16' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	10,365.53	569.39
11 52 13 13-0087	EA	16' x 16' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	10,765.51	683.27
11 52 13 13-0088		Electric Project Screen, Matte White Or Glass Beaded (Da-Lite Senior Electrol) *(11 52 13 13-0001)* Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0089	EA	50" x 50" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	5,060.75	128.11
11 52 13 13-0090	EA	60" x 60" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	5,165.90	156.59
11 52 13 13-0091	EA	70" x 70" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	5,225.37	170.82
11 52 13 13-0092	EA	84" x 84" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	5,496.07	256.23
11 52 13 13-0093	EA	6' x 8' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	5,538.46	261.92
11 52 13 13-0094	EA	8' x 8' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	5,714.88	284.70
11 52 13 13-0095	EA	7' x 9' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	5,897.41	284.70
11 52 13 13-0096	EA	9' x 9' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	6,181.80	304.63
11 52 13 13-0097	EA	8' x 10' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	6,258.50	318.86
11 52 13 13-0098	EA	10' x 10' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	6,452.14	341.64

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 13 13-0099	EA	9' x 12' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	6,428.25	398.58
11 52 13 13-0100	EA	12' x 12' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	7,024.31	455.52
11 52 13 13-0101	EA	10'-6" x 14' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	8,796.42	483.99
11 52 13 13-0102	EA	14' x 14' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	9,180.54	512.46
11 52 13 13-0103	EA	12' x 16' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	9,931.58	569.39
11 52 13 13-0104	EA	16' x 16' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	10,303.99	683.27
11 52 13 13-0105	EA	13'-6" x 18' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	11,227.23	740.22
11 52 13 13-0106	EA	18' x 18' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	11,916.28	797.15
11 52 13 13-0107	EA	15' x 20' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	12,419.12	797.15
11 52 13 13-0108	EA	20' x 20' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	13,721.44	911.03
11 52 13 13-0109	EA	50" x 67" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	5,225.37	170.82
11 52 13 13-0110	EA	60" x 80" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	5,439.13	227.76
11 52 13 13-0111	EA	69" x 92" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	5,527.07	256.23
11 52 13 13-0112	EA	87" x 116" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	6,292.94	318.86
11 52 13 13-0113	EA	105" x 140" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	6,714.11	398.58
11 52 13 13-0114	EA	123" x 164" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	8,316.07	512.46
11 52 13 13-0115	EA	141" x 188" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	8,805.58	626.34
11 52 13 13-0116	EA	12' x 24' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	15,577.58	854.10
11 52 13 13-0117	EA	45" x 80" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	5,456.35	227.76
11 52 13 13-0118	EA	52" x 92" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	5,578.73	256.23
11 52 13 13-0119	EA	54" x 96" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	5,712.77	273.31
11 52 13 13-0120	EA	58" x 104" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	5,789.32	296.09
11 52 13 13-0121	EA	65" x 116" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	6,127.63	318.86
11 52 13 13-0122	EA	78" x 139" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	6,583.24	398.58
11 52 13 13-0123	EA	92" x 164" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	8,223.08	512.46
11 52 13 13-0124	EA	106" x 188" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	9,490.96	626.34
11 52 13 13-0125	EA	119" x 212" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy-duty screen for recessed or exposed installation.	11,526.87	740.22
11 52 13 13-0126		Electric Project Screen, Matte White Or Glass Beaded (Da-Lite Boardroom Electrol) *(11 52 13 13-0001)* Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0127	EA	50" x 50" Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	5,065.52	128.11
11 52 13 13-0128	EA	60" x 60" Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	5,160.21	142.35
11 52 13 13-0129	EA	70" x 70" Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	5,266.81	170.82
11 52 13 13-0130	EA	84" x 84" Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	5,608.70	256.23
11 52 13 13-0131	EA	6' x 8' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	5,675.28	261.92
11 52 13 13-0132	EA	8' x 8' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	5,839.46	284.70
11 52 13 13-0133	EA	7' x 9' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	6,024.33	284.70
11 52 13 13-0134	EA	9' x 9' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	6,182.83	304.63
11 52 13 13-0135	EA	8' x 10' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	6,299.61	318.86
11 52 13 13-0136	EA	10' x 10' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	6,485.87	341.64
11 52 13 13-0137	EA	9' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	6,676.25	341.64
11 52 13 13-0138	EA	12' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	7,064.05	455.52

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 13 13-0139		Electric Ascending Project Screen, Matte White, Glass Beaded (Da-Lite Ascender Electrol) *(11 52 13 13-0001)*		
		Note: High contrast matte white, video spectrum or high power. Includes a motorized spring assisted scissors mechanism which raises the screen surface from the housing ensuring smooth operation. A trap door housing keeps the screen and lift mechanism hidden until the screen is activated.		
11 52 13 13-0140	EA	60" x 80" Electric Ascending Projection Screen (Da-Lite Ascender Electrol)	15,651.10	284.70
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
11 52 13 13-0141	EA	69" x 92" Electric Ascending Projection Screen (Da-Lite Ascender Electrol)	16,729.33	341.64
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
11 52 13 13-0142	EA	87" x 116" Electric Ascending Projection Screen (Da-Lite Ascender Electrol)	19,412.96	512.46
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
11 52 13 13-0143	EA	105" x 140" Electric Ascending Projection Screen (Da-Lite Ascender Electrol)	24,438.59	683.27
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
11 52 13 13-0144	EA	120" x 160" Electric Ascending Projection Screen (Da-Lite Ascender Electrol)	27,077.21	797.15
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
11 52 13 13-0145	EA	52" x 92" Electric Ascending Projection Screen (Da-Lite Ascender Electrol)	16,615.45	284.70
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
11 52 13 13-0146	EA	58" x 104" Electric Ascending Projection Screen (Da-Lite Ascender Electrol)	18,141.41	341.64
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
11 52 13 13-0147	EA	65" x 116" Electric Ascending Projection Screen (Da-Lite Ascender Electrol)	19,185.20	398.58
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
11 52 13 13-0148	EA	78" x 139" Electric Ascending Projection Screen (Da-Lite Ascender Electrol)	24,096.94	512.46
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
11 52 13 13-0149		Electric Rear Projection Screen (Da-Lite DA-View) *(11 52 13 13-0001)*		
		Note: Consists of a single acrylic layer with rear Fensel lens and lenticulated front profile. Un-framed.		
11 52 13 13-0150	EA	60" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View)	4,792.90	284.70
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
11 52 13 13-0151	EA	67" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View)	6,023.70	313.16
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
11 52 13 13-0152	EA	72" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View)	6,902.33	341.64
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
11 52 13 13-0153	EA	84" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View)	12,476.37	370.11
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
11 52 13 13-0154	EA	90" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View)	13,824.54	13,425.97
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
11 52 13 13-0155	EA	96" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View)	15,347.04	455.52
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
11 52 13 13-0156	EA	100" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View)	19,686.78	512.46
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
11 52 13 13-0157	EA	120" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View)	26,608.99	569.39
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
11 52 13 13-0158	EA	125" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View)	29,774.88	626.34
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
11 52 13 13-0159	EA	135" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View)	39,866.48	683.27
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
11 52 13 13-0160		Screen Accessories *(11 52 13 13-0001)*		
11 52 13 13-0161		Manual Pull Down Accessories *(11 52 13 13-0160)*		
11 52 13 13-0162	EA	6" Mounting Bracket (Pair)	79.08	8.54
11 52 13 13-0163	EA	14" Wall Mounting Bracket (Pair)	113.52	9.11
11 52 13 13-0164	EA	14-1/2" To 24" Adjustable Wall Mounting Bracket (Pair)	134.19	10.25
11 52 13 13-0165		Electric Powered Screen Accessories *(11 52 13 13-0160)*		
11 52 13 13-0166	EA	Single Motor Low Voltage Remote Control System - Infrared	851.60	
11 52 13 13-0167	EA	Single Motor Low Voltage Remote Control System - Radio Frequency	1,230.45	
11 52 16		**Projectors** *(11 52)*		
11 52 16 26		**Video Projectors** *(11 52 16)*		
11 52 16 26-0001		Projectors *(11 52 16 26)*		
11 52 16 26-0002	EA	2,000 Lumens Output, 800 x 600 Pixels, SVGA Compact 3LCD Panels Projector	1,392.36	56.94
11 52 16 26-0003	EA	2,000 Lumens Output, 1024 x 768 Pixels, XGA Compact 3LCD Panels Projector	1,616.09	56.94
11 52 16 26-0004	EA	2,000 Lumens Output, 1280 x 800 Pixels, WXGA Compact 3LCD Panels Projector	2,143.47	56.94
11 52 16 26-0005	EA	3,000 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector	3,389.98	56.94
11 52 16 26-0006	EA	3,500 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector	3,949.32	56.94
11 52 16 26-0007	EA	3,000 Lumens Output, 1366 x 800 Pixels, WXGA 3LCD Panels Projector	5,020.05	56.94
11 52 16 26-0008	EA	4,000 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector	7,992.51	56.94
11 52 16 26-0009	EA	5,200 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector	10,837.13	56.94
11 52 16 26-0010	EA	6,000 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector	16,094.88	56.94
11 52 16 26-0011		Projector Mounts *(11 52 16 26)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 16 26-0012		**Universal Projector Mounts** *(11 52 16 26-0011)* Note: Includes ceiling or wall mounting hardware and hardware for attaching projector. Excludes projector.		
11 52 16 26-0013	EA	Flush Ceiling, Universal Projector Mount (Peerless PPF)	290.93	62.61
11 52 16 26-0014	EA	Wall Arm, Universal Projector Mount (Peerless PWA-14)	489.32	62.61
11 52 16 26-0015		**Projector Mount Components** *(11 52 16 26-0011)* Note: Includes ceiling attachment plate, threaded extension column and projector attachment plate. Excludes projector.		
11 52 16 26-0016		**Ceiling Attachment Plates For Projector Mounts** *(11 52 16 26-0015)*		
11 52 16 26-0017	EA	Finished Ceiling, Attachment Plate For Projector Mounts (Peerless ACC 570)	104.10	28.46
11 52 16 26-0018	EA	Truss Ceiling, Attachment Plate For Projector Mounts (Peerless ACC 557)	144.82	28.46
11 52 16 26-0019	EA	I-Beam Ceiling, Attachment Plate For Projector Mounts (Peerless ACC 558/559)	205.09	28.46
11 52 16 26-0020	EA	Suspended Ceiling, Attachment Plate For Projector Mounts (Peerless CMJ 455)	252.97	28.46
11 52 16 26-0021		**Projector Attachment Plates For Projector Mounts** *(11 52 16 26-0015)*		
11 52 16 26-0022	EA	Universal Projector Attachment Plate For Projector Mounts (Peerless PRG-UNV)	383.36	28.46
11 52 16 26-0023	EA	High Security Projector Enclosure For Projector Mounts (Peerless ALB)	858.02	28.46
11 52 16 26-0024		**Threaded Extension Columns For Projector Mounts** *(11 52 16 26-0015)*		
11 52 16 26-0025		**Fixed Length, Threaded Extension Column For Projector Mounts** *(11 52 16 26-0024)* Note: Peerless EXT series.		
11 52 16 26-0026	EA	6" Fixed Length, Threaded Extension Column For Projector Mounts	64.79	8.53
11 52 16 26-0027	EA	12" Fixed Length, Threaded Extension Column For Projector Mounts	84.89	8.53
11 52 16 26-0028	EA	18" Fixed Length, Threaded Extension Column For Projector Mounts	92.42	8.53
11 52 16 26-0029	EA	24" Fixed Length, Threaded Extension Column For Projector Mounts	97.44	8.53
11 52 16 26-0030	EA	36" Fixed Length, Threaded Extension Column For Projector Mounts	115.68	11.38
11 52 16 26-0031	EA	48" Fixed Length, Threaded Extension Column For Projector Mounts	140.79	11.38
11 52 16 26-0032	EA	60" Fixed Length, Threaded Extension Column For Projector Mounts	180.97	11.38
11 52 16 26-0033	EA	72" Fixed Length, Threaded Extension Column For Projector Mounts	208.60	11.38
11 52 16 26-0034	EA	84" Fixed Length, Threaded Extension Column For Projector Mounts	244.43	14.23
11 52 16 26-0035	EA	96" Fixed Length, Threaded Extension Column For Projector Mounts	279.59	14.23
11 52 16 26-0036	EA	108" Fixed Length, Threaded Extension Column For Projector Mounts	310.39	17.08
11 52 16 26-0037	EA	120" Fixed Length, Threaded Extension Column For Projector Mounts	325.46	17.08
11 52 16 26-0038		**Adjustable Length, Threaded Extension Columns For Projector Mounts** *(11 52 16 26-0024)* Note: Peerless ADJ series. Adjustable at 1" increments.		
11 52 16 26-0039	EA	6" To 9" Adjustable Length, Threaded Extension Column For Projector Mounts	133.93	14.23
11 52 16 26-0040	EA	12" To 18" Adjustable Length, Threaded Extension Column For Projector Mounts	209.27	14.23
11 52 16 26-0041	EA	18" To 24" Adjustable Length, Threaded Extension Column For Projector Mounts	214.30	14.23
11 52 16 26-0042	EA	24" To 36" Adjustable Length, Threaded Extension Column For Projector Mounts	221.83	14.23
11 52 16 26-0043	EA	36" To 60" Adjustable Length, Threaded Extension Column For Projector Mounts	240.08	17.08
11 52 16 26-0044	EA	48" To 72" Adjustable Length, Threaded Extension Column For Projector Mounts	252.63	17.08
11 52 16 26-0045	EA	60" To 84" Adjustable Length, Threaded Extension Column For Projector Mounts	280.26	17.08
11 52 16 26-0046	EA	72" To 96" Adjustable Length, Threaded Extension Column For Projector Mounts	305.37	17.08
11 52 16 26-0047	EA	84" To 108" Adjustable Length, Threaded Extension Column For Projector Mounts	338.68	19.92
11 52 16 26-0048	EA	96" To 120" Adjustable Length, Threaded Extension Column For Projector Mounts	363.80	19.92
11 52 16 26-0049	EA	108" To 132" Adjustable Length, Threaded Extension Column For Projector Mounts	397.11	22.76
11 52 16 26-0050	EA	120" To 144" Adjustable Length, Threaded Extension Column For Projector Mounts	414.69	22.76
11 52 19		**Players and Recorders** *(11 52)*		
11 52 19 00-0001		**Audio-Visual Equipment** *(11 52 19)* Note: Includes installation of AV components may be subject to further verification of site conditions before engineering sign-off. Custom control software programming (to be verified after client consultation). Project design, integration, training, including manuals and documentation. Shipping and handling. AV project manager site visit travel expenses per trip.		
11 52 19 00-0002		**Audio Equipment** *(11 52 19 00-0001)*		
11 52 19 00-0003	EA	TOA Condenser Microphone Preamplifier with Remote Mute Capability	685.76	
11 52 19 00-0004	EA	Passive Stereo Line Combiner, Combines Stereo to Mono	191.87	
11 52 19 00-0005	EA	Power Supply 24 Voltage, 400 mA for Stereo Line Amplifier	65.31	
11 52 19 00-0006	EA	TOA 120 Watt Modular Mixer / Amplifier	3,036.96	
11 52 19 00-0007	EA	Auxiliary Stereo Input Module with internal summing and muting capabilities	163.28	
11 52 19 00-0008	EA	Rack Mount Kit for Power Amplifier	102.04	
11 52 19 00-0009	EA	TOA Equalization Module for Wide Dispersion Speaker	302.06	
11 52 19 00-0010	EA	TOA Wide Dispersion Speaker with transformer for 70 volt operation	575.56	
11 52 19 00-0011		**AV Microphones** *(11 52 19 00-0001)*		
11 52 19 00-0012	EA	Audio-Technica Miniature Cardioid Condenser Gooseneck Microphone	1,530.73	
11 52 19 00-0013		**Control System** *(11 52 19 00-0001)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 19 00-0014	EA	Digitally Controlled 3-channel Audio Attenuator Note: Each channel has controls for volume, tone and mute.	2,298.13	
11 52 19 00-0015	EA	Crestron Pro2 Integrated Control System Note: Includes 8-IR, 8-digital I/Os, 8-relays, 6-RS-232, 3 CNX expansion slots and 1 DPA Ethernet-based communication CNX slot included.	10,968.10	
11 52 19 00-0016	EA	IR Emitter Cable	155.13	
11 52 19 00-0017	EA	IR/S Control Cable	306.16	
11 52 19 00-0018	EA	Crestron Isys Compact Video Touchpanel, 5" Diagonal Color Active Matrix Desktop Tilt-case Color Touch Control, 64,000 Colors, 320x234 Pixels	5,171.78	
11 52 19 00-0019		**Interfaces** *(11 52 19 00-0001)*		
11 52 19 00-0020	EA	Extron RGB 109xi Dedicated VGA/S-VGA/XGA2/VESA interface	2,420.56	
11 52 19 00-0021	EA	VGA Male/BNC Female Adapter cable	167.37	
11 52 19 00-0022	EA	Rack Shelf (1RU), holds 2 1RU High 1/2 Rack Units	510.24	
11 52 19 00-0023		**Display Wall Processors** *(11 52 19 00-0001)*		
11 52 19 00-0024	EA	Jupiter Fusion 950 High Performance High-availability Display Wall Graphics Server Note: Includes 4 high resolution display channels; 6 RGB inputs; 6 RGB output window processors; 16 Composite Video Inputs, 8 - S-Video Inputs (4 Displayable Concurrently); 1 4U rackmount main chassis; Dual (2) 300W hot-swap power supplies; 1 Intel Pentium III CPU at 1 GHz; 512MB Memory; Single removable 20GB disk drive; 52X CD-ROM drive, 1.44MB floppy drive; 2 10/100 Mb/s RJ-45 Ethernet connectors; Ports: 1 parallel, 2 USB, 1 serial; PS/2 104 keyboard, PS/2 mouse, 1 year limited hardware warranty, 90 days installation assistance via phone and email, Galileo Software, Windows 2000 Professional, Jupiter Multiple Channel Software, ControlPoint Software, X server for Unix Connectivity, 1 Year of software support	96,005.37	
11 52 19 00-0025		**Projectors** *(11 52 19 00-0001)*		
11 52 19 00-0026	EA	Barco Helios 24/7/365 mission critical performance data Projector, 3 panel LCD, 1,280x1,024, 750 ANSI Lumens, high MTBF, 4,000 hour lamp and 1:27:1 lens for Helios Note: Includes corner focus to match screen size.	75,433.36	
11 52 19 00-0027		**Rack Equipment** *(11 52 19 00-0001)*		
11 52 19 00-0028	EA	Power Conditioning and Rack Accessories	1,224.58	
11 52 19 00-0029	EA	Stand Alone Rack With Rear Door	4,898.31	
11 52 19 00-0030		**Switchers** *(11 52 19 00-0001)*		
11 52 19 00-0031	EA	Six-Input, Two-Output 100KHz Stereo Audio Switcher, 1/2 rack width (RS-232 control)	2,449.16	
11 52 19 00-0032		**AV Source Components** *(11 52 19 00-0001)*		
11 52 19 00-0033	EA	JVC Professional VCR 4-Head S-VHS Hi-Fi Serial IR control	1,632.76	
11 52 19 00-0034	EA	Marantz Professional DVD Player With 500 TVL Res. S-Video Output, Dolby Digital, Rack-Mount (RS-232 control)	2,449.16	
11 52 19 00-0035	EA	Tuner for AM/FM (IR Control)	1,277.63	
11 52 19 00-0036	EA	Rack Mount for VCR	408.20	
11 52 19 00-0037	EA	Rack Mount for Tuner	408.20	
11 52 19 00-0038		**Visualizers And Custom Items** *(11 52 19 00-0001)*		
11 52 19 00-0039	EA	Canon VC-C4 Visualizer With Rotating Camera Head Note: 450+ TV Lines resolution, 8x Zoom lens, built-in switcher with a composite, S-Video, Mic, and sync inputs , Y/C and composite outputs, built-in light base for slides with neg/pos, and RS-232 remote control.	12,800.92	
11 52 19 00-0040		**Cables** *(11 52 19 00-0001)*		
11 52 19 00-0041	MLF	Low Cap Control (22 AWG pair) And Power (18 AWG pair) in Plenum Cable $/per 1,000 ft. (2 control And 2 power connectors needed)	4,163.55	
11 52 19 00-0042	MLF	Broadcast Audio Cable (22 gauge/4-conductor)	506.16	
11 52 19 00-0043	MLF	Broadcast Speaker Cable (22 gauge/2-conductor)	938.83	
11 52 19 00-0044	MLF	Mini High Resolution RGBHV Plenum Cable	12,245.78	
11 52 19 00-0045	MLF	Miscellaneous Cables Connectors And Hardware (to be verified after on site visit)	2,706.31	
11 52 19 00-0046		**Mixers** *(11 52 19 00-0001)*		
11 52 19 00-0047	EA	Audio Mixer 4 Input Auto Mixer	2,672.37	
11 52 19 00-0048		**AV Wireless Microphone** *(11 52 19 00-0001)*		
11 52 19 00-0049	EA	Wireless Microphone, UHF, Multi Channel with Hand Held Microphone, Rack Mount Kit	2,793.49	
11 52 19 00-0050	EA	Wireless Microphone, UHF, Multi Channel with Lavaliere Microphone, Rack Mount Kit	2,910.69	
11 52 19 00-0051		**Videoconference Equipment** *(11 52 19 00-0001)*		
11 52 19 00-0052	EA	Canon Remote Control Color Camera with pan/tilt zoom control via RS-232	5,739.35	
11 52 19 00-0053	EA	Canon Remote Control Color Camera with pan/tilt zoom control via RS-232. LAN Output	7,032.55	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 19 00-0054		**Command View Display Wall** *(11 52 19)* Note: Includes Installation, Freight, and Shipping. STANDARD FEATURES: Patented "Seamless" Screen Retention System; Heavy Wall Aluminum and Sheet Metal Stackable Structure; Single Element Acrylic Screen (Fresnel Lenticular or Diffusion); Hinged Lower Enclosure Panels for Projector Access; Mobile Universal Projector Cart with Micro Adjustment for Image Fine Tuning (Single and Double High); Durable High Pressure External Panel Finish, per Standard Offerings; PowerTrak Powered Lift Mechanism for Double High, Triple High, and Quad High Screen Matrices where applicable); Horizontal and Vertical Light Baffles Between All Adjacent Screens; Wilsonart Black laminate 1595-60 internal panel finish.		
11 52 19 00-0055		**4/3 Ratio Projection Screen** *(11 52 19 00-0054)* Note: Command view fresnel lenticular screens.		
11 52 19 00-0056	EA	110" 4/3 Ratio Fresnel Lenticular Projection Screen (88"W x 66"H)	23,315.88	
11 52 19 00-0057		**Mirror Assemblies** *(11 52 19 00-0054)*		
11 52 19 00-0058	EA	90" to 124" 1st Surface Mirror Assembly	6,842.25	
11 52 19 00-0059		**Free Standing System** *(11 52 19 00-0054)* Note: Includes projector rack, screen rack, upper, lower, top and rear enclosure panels. Command view single high, free standing modules.		
11 52 19 00-0060	EA	110" Single High Free Standing Module	19,504.48	
11 52 19 00-0061	EA	Shared Posts Credit For Single High Free Standing Module	-2,217.57	
11 52 19 00-0062		**Equipment Support Solutions** *(11 52 19 00-0054)* Note: Command view projector support solutions.		
11 52 19 00-0063	EA	Single Level Mobile Universal Projector Cart (Folded Optic Applications Only) - One Cart Per Projector	2,354.78	
11 52 19 00-0064		**Contractor Furnished Equipment** *(11 52 19)*		
11 52 19 00-0065	EA	Cisco Supervisor III Module, pn WS-X5530-E3A	27,897.30	
11 52 19 00-0066	EA	Cisco Uplink Module, pn WS-U5538-FEFX-MMF	9,609.07	
11 52 19 00-0067	EA	Cisco Switch - 36 Ports 10/100 TX, pn WS-X5239-RJ21-RF	14,258.62	

11 60 Entertainment and Recreation Equipment *(11)*

11 68 Play Field Equipment and Structures *(11 60)*

11 68 13 Playground Equipment *(11 68)*

See CSI section 32 31 13 13-0001 for augering holes and fill for posts.

11 68 13 00-0001		**Playground Equipment (Playground Boss)** *(11 68 13)* Note: All demolition/ dismantling of the existing playground structure, removal of existing surfacing, removal of existing footings, and removal/ dismantling of existing safety sign (s). All installation of new playground structure, surfacing, footings (per manufacturer's instructions), and safety sign. Includes: All necessary preparation of existing surface for new playground structure to include: grading the area flat, removal of all asphalt, concrete, and other such debris from the site prior to installation. Layout of the actual footprint of the play structure. Surfacing material must be poured in place. Per manufacturers recommendations. Installation and demolition include all necessary equipment and tools. Footings for components that require a footing (vertical post, slide foot, climbers, etc.) are to be 12"x12"x18" Concrete for footings mush have a minimum rating of 2,500 PSI and must be mixed per manufacturers recommendations.		
11 68 13 00-0002	EA	Playground System "Simon Says" And Safety Sign (Playground Boss PGB-20210) Note: 30'-6" x 25'-6" Area, 8 Play Activities, 30 Child Capacity. Simon Says include an ADA Transfer Station, Sea Creatures Climber, or the Wing Climber. A Crawl Tunnel connects the two Elevated Decks, one with a Right Turn Slide and one with a Double Slide. Ground-level play is encouraged with a Racing Game Panel and Rain Wheel. See CSI section 11 68 13 00-0008 for poured surfacing material.	20,526.15	
11 68 13 00-0003	EA	Playground System "Made In The Shade" And Safety Sign (Playground Boss PGB-20238) Note: 30'-0" x 31'-0" Area, 9 Play Activities, 32 Child Capacity. Made In The Shade includes three different climbers or ADA Transfer Station, the large Square Shade will be protecting them from the sun's rays as they play on the Activity Panels before sliding down the Straight Slide. The Store Panel and Rain Wheel that are both located on the ground are also covered by the Square Shade. See CSI section 11 68 13 00-0008 for poured surfacing material.	27,634.87	
11 68 13 00-0004	EA	Playground System "The Gorilla" And Safety Sign (Playground Boss PGB-20232) Note: 36'-0" x 31'-0" Area, 10 Play Activities, 40 Child Capacity. The gorilla includes an ADA Transfer Station, Rock Climber, Curly Climber, and an Invert Arch Climber, kids will have many options of accessing one of the two Elevated Decks. One of these decks is covered by a Hex Shade and has a Window Panel, along with two separate Straight Slides. The third Straight Slide branches off of the other Elevated Deck. These decks are connected by a Crawl Tunnel, allowing for easy and fun access to the other side. On the ground, kids have the option to rest or take turns playing games on either the Single Seat or Bench Panel. See CSI section 11 68 13 00-0008 for poured surfacing material.	40,987.50	
11 68 13 00-0005	EA	Playground System "Fun Factory" And Safety Sign (Playground Boss PGB-20209) Note: 35'-5" x 34'-4" Area, 9 Play Activities, 48 Child Capacity. The Fun Factory is able to have three slides, a Leaf Climber, Pod Climber, ADA Transfer Station, and various Activity Panels in one modest sized play structure. The majority of the playground is protected by a Hex Shade. See CSI section 11 68 13 00-0008 for poured surfacing material.	42,133.99	
11 68 13 00-0006	EA	Playground System "Red Rover" And Safety Sign (Playground Boss PGB-20236) Note: 43'-0" x 35'-0" Area, 14 Play Activities, 53 Child Capacity. Red Rover includes a shorter deck home to an ADA Transfer Station, Challenge Ladder, and a short Right Turn Slide. An Ocean Wave Climber connects this section to the larger section. Here, kids will find a Single Straight Slide, Double Straight Slide, Tic-Tac-Toe, A Crawl Tunnel, Loop Climber, and and Inverted Arch Climber. See CSI section 11 68 13 00-0008 for poured surfacing material.	42,786.12	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0007	EA	Playground System "Big Sky" And Safety Sign (Playground Boss PGBNL-32470) Note: 49'-1" x 44'-6" Area, 18 Play Activities, 32-45 Child Capacity See CSI section 11 68 13 00-0008 for poured surfacing material.	68,194.21	
11 68 13 00-0008	SF	3" of poured in place rubber surfacing 50/50 blend of blue black and Includes up to 4 sub-base compacted to 95% (Playground Boss) Note: Includes preparation of existing surface for new playground structure, grading the area flat, removal of all asphalt, concrete, and other such debris from the site prior to installation.	42.72	
11 68 13 00-0009		Playground Equipment (Landscape Structures®) *(11 68 13)* Note: Excludes excavation and concrete footings.		
11 68 13 00-0010		Playground Equipment (Landscape Structures® PlayShaper®) *(11 68 13 00-0009)* Note: Ages 2 to 5 years.		
11 68 13 00-0011	EA	El Slide, 32" Deck (Landscape Structures® PlayShaper® 111323A)	3,049.56	136.44
11 68 13 00-0012	EA	SpyroSlide, 56" Height, 48" Deck (Landscape Structures® PlayShaper® 143480A)	7,727.74	511.65
11 68 13 00-0013	EA	Tunnel Slide, 40" Deck (Landscape Structures® PlayShaper® 128952A)	3,179.11	136.44
11 68 13 00-0014	EA	Double Wave Poly Slide, 48" Deck (Landscape Structures® PlayShaper® 123336A)	3,635.18	204.67
11 68 13 00-0015	EA	Double Swirl Slide, 48" Deck (Landscape Structures® PlayShaper® 130798A)	3,089.25	204.67
11 68 13 00-0016	EA	Double Poly Slide, 32" Deck (Landscape Structures® PlayShaper® 132155A)	2,448.12	136.44
11 68 13 00-0017	EA	Double Poly Slide, 40" To 48" Deck (Landscape Structures® PlayShaper® 132155B)	2,716.46	136.44
11 68 13 00-0018	EA	Lava Run Slide, 30" Or 32" Deck (Landscape Structures® PlayShaper® 137967A)	2,087.25	136.44
11 68 13 00-0019	EA	32" Deck, Gemini SlideWinder2 (Landscape Structures® PlayShaper® 133426A)	5,928.66	409.32
11 68 13 00-0020	EA	40" Deck, Gemini SlideWinder2 (Landscape Structures® PlayShaper® 133426B)	6,835.45	409.32
11 68 13 00-0021	EA	48" Deck, Gemini SlideWinder2 (Landscape Structures® PlayShaper® 133426C)	7,362.88	409.32
11 68 13 00-0022	EA	Curved Poly Slide, 40" Deck (Landscape Structures® PlayShaper® 123339A)	2,093.84	68.23
11 68 13 00-0023	EA	Single Poly Slide, 40" Deck (Landscape Structures® PlayShaper® 133668A)	2,133.52	136.44
11 68 13 00-0024	EA	32" Deck, SlideWinder2 (Landscape Structures® PlayShaper® 132117A)	2,830.17	204.67
11 68 13 00-0025	EA	40" Deck, SlideWinder2 (Landscape Structures® PlayShaper® 132117B)	3,154.02	204.67
11 68 13 00-0026	EA	48" Deck, SlideWinder2 (Landscape Structures® PlayShaper® 132117C)	3,514.89	204.67
11 68 13 00-0027	EA	Critter Canyon Climber, 30" Or 32" Deck (Landscape Structures® PlayShaper® 137966A)	2,031.74	136.44
11 68 13 00-0028	EA	Thunderhead Climber, 48" Deck-To-Ground (Landscape Structures® PlayShaper® 139911A)	8,487.82	545.76
11 68 13 00-0029	EA	Step Deck Climber, 16" Deck (Landscape Structures® PlayShaper® 119981A)	1,189.71	136.44
11 68 13 00-0030	EA	Loop Ladder Climber, 40" Or 48" Deck (Landscape Structures® PlayShaper® 111364A)	1,251.82	68.23
11 68 13 00-0031	EA	Loop Arch Climber, 32" - 48" Deck (Landscape Structures® PlayShaper® 139262A)	1,892.72	170.55
11 68 13 00-0032	EA	32" Deck, Block Climber (Landscape Structures® PlayShaper® 135547A)	2,933.27	238.77
11 68 13 00-0033	EA	40" Deck, Block Climber (Landscape Structures® PlayShaper® 135547B)	3,423.68	238.77
11 68 13 00-0034	EA	32" - 40" Deck, Cozy Climber (Landscape Structures® PlayShaper® 132023A)	3,188.36	136.44
11 68 13 00-0035	EA	48" Deck, Cozy Climber (Landscape Structures® PlayShaper® 132023B)	3,428.94	136.44
11 68 13 00-0036	EA	1-Step, With Permalene Barriers, Deck Links (Landscape Structures® PlayShaper® 153021A)	1,569.08	136.44
11 68 13 00-0037	EA	2-Steps, With Permalene Barriers, Deck Links (Landscape Structures® PlayShaper® 153021B)	1,828.17	136.44
11 68 13 00-0038	EA	16" Deck, Pod Climber (Landscape Structures® PlayShaper® 135346A)	816.27	56.85
11 68 13 00-0039	EA	24" Deck, Pod Climber (Landscape Structures® PlayShaper® 135346B)	1,512.23	102.33
11 68 13 00-0040	EA	32" Deck, Pod Climber (Landscape Structures® PlayShaper® 135346C)	2,295.49	261.51
11 68 13 00-0041	EA	40" Deck, Pod Climber (Landscape Structures® PlayShaper® 135346D)	2,702.62	261.51
11 68 13 00-0042	EA	32" Deck, Step Ladder (Landscape Structures® PlayShaper® 111327A)	2,411.11	136.44
11 68 13 00-0043	EA	40" Deck, Step Ladder (Landscape Structures® PlayShaper® 111327B)	5,163.00	136.44
11 68 13 00-0044	EA	48" Deck, Step Ladder (Landscape Structures® PlayShaper® 111327C)	3,567.73	136.44
11 68 13 00-0045	EA	32" Deck, Wiggle Ladder (Landscape Structures® PlayShaper® 123284A)	1,131.71	170.55
11 68 13 00-0046	EA	40" Deck, Wiggle Ladder (Landscape Structures® PlayShaper® 123284B)	1,163.29	170.55
11 68 13 00-0047	EA	48" Deck, Wiggle Ladder (Landscape Structures® PlayShaper® 123284C)	1,218.19	170.55
11 68 13 00-0048	EA	Overhead Events Horizontal Ladder, 16" Deck (Landscape Structures® PlayShaper® 129967A)	1,213.47	34.11
11 68 13 00-0049	EA	Overhead Events Horizontal Ladder End Panel, Without Posts (Landscape Structures® PlayShaper® 129968A)	445.48	34.11
11 68 13 00-0050	EA	Conical Climber, 40" Deck (Landscape Structures® PlayShaper® 143200A)	4,341.28	238.77
11 68 13 00-0051	EA	ABC Climber, 32" - 48" Deck (Landscape Structures® PlayShaper® 152432A)	2,273.22	170.55
11 68 13 00-0052	EA	Mini Summit Climber, 40" And 48" Decks (Landscape Structures® PlayShaper® 153077A)	1,382.55	56.85
11 68 13 00-0053	EA	Arch Bridge, 42" Long (Landscape Structures® PlayShaper® 111348A)	2,723.05	68.23
11 68 13 00-0054	EA	Phase Kit (Landscape Structures® PlayShaper® 116098A)	382.60	42.98
11 68 13 00-0055	EA	Belt Bridge With Permalene Barriers, 42" Long (Landscape Structures® PlayShaper® 131956A)	2,112.35	68.23
11 68 13 00-0056	EA	8" Deck-To-Ground, Ramp Exit Plate (Landscape Structures® PlayShaper® 111413A)	846.02	102.33
11 68 13 00-0057	EA	16" - 48" Decks To Ground, Ramp Exit Plate (Landscape Structures® PlayShaper® 138405A)	1,618.15	102.33
11 68 13 00-0058	EA	Deck-To-Deck Ramp With Permalene Barrier And Handrail, Excludes Posts (Landscape Structures® PlayShaper® 132828A)	5,858.56	272.88
11 68 13 00-0059	EA	Deck-To-Ground Ramp With Permalene Barrier And Handrail, Excludes Posts (Landscape Structures® PlayShaper® 132844A)	5,858.56	272.88
11 68 13 00-0060	EA	Wire Crawl Tunnel (Landscape Structures® PlayShaper® 118099A)	2,670.19	136.44
11 68 13 00-0061	EA	Offset Crawl Tunnel, 8" Deck Height Difference (Landscape Structures® PlayShaper® 139268A)	2,003.98	136.44
11 68 13 00-0062	EA	28" Long, Crawl Tunnels With Entrance Panels (Landscape Structures® PlayShaper® 128953A)	2,047.58	68.23
11 68 13 00-0063	EA	56" Long, Crawl Tunnels With Entrance Panels (Landscape Structures® PlayShaper® 128953B)	2,649.02	68.23
11 68 13 00-0064	EA	90 Degree Curved Crawl Tunnels With Entrance Panels (Landscape Structures® PlayShaper® 115409C)	2,929.28	136.44
11 68 13 00-0065	EA	C-Straight Crawl Tunnels With Entrance Panels (Landscape Structures® PlayShaper® 118097A)	4,831.48	272.88
11 68 13 00-0066	EA	S-Straight Crawl Tunnels With Entrance Panels (Landscape Structures® PlayShaper® 118097B)	4,831.48	272.88
11 68 13 00-0067	EA	C-Inclined Crawl Tunnels With Entrance Panels, 16" Deck Height Difference (Landscape Structures® PlayShaper® 118098A)	4,831.48	272.88
11 68 13 00-0068	EA	S-Inclined Crawl Tunnels With Entrance Panels, 16" Deck Height Difference (Landscape Structures® PlayShaper® 118098B)	4,831.48	272.88
11 68 13 00-0069	EA	Bubble Panel, Enclosure (Landscape Structures® PlayShaper® 111282A)	926.63	34.11
11 68 13 00-0070	EA	Ball Maze Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 111300A)	1,416.37	22.74
11 68 13 00-0071	EA	Chimes Panel, Enclosure (Landscape Structures® PlayShaper® 113211A)	1,638.44	22.74
11 68 13 00-0072	EA	Braille And Clock Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 123845A)	1,786.49	22.74
11 68 13 00-0073	EA	Driver Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 111288A)	972.90	34.11
11 68 13 00-0074	EA	Finger Maze Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 111289A)	768.66	22.74

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0075	EA	Gear Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 117147A)	2,239.89	22.74
11 68 13 00-0076	EA	Hole Panel, Enclosure (Landscape Structures® PlayShaper® 111284A)	611.36	22.74
11 68 13 00-0077	EA	House Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 111299A)	723.07	34.11
11 68 13 00-0078	EA	Hourglass Panel, Enclosure (Landscape Structures® PlayShaper® 124333A)	1,906.78	22.74
11 68 13 00-0079	EA	Match 4 Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 127684A)	1,194.97	34.11
11 68 13 00-0080	EA	Image Panel, 176 Play Blocks, Enclosure (Landscape Structures® PlayShaper® 127685A)	1,658.95	68.23
11 68 13 00-0081	EA	Math Panel, Enclosure, Red Discs Only (Landscape Structures® PlayShaper® 111294A)	1,778.58	56.85
11 68 13 00-0082	EA	Sand And Water Panel, Enclosure (Ground Level Only), Tan Dish Only (Landscape Structures® PlayShaper® 111297A)	1,715.80	102.33
11 68 13 00-0083	EA	Mirror Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 111298A)	1,240.56	22.74
11 68 13 00-0084	EA	Periscope Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 118429A)	1,851.93	34.11
11 68 13 00-0085	EA	Pilot Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 119515A)	1,268.99	34.11
11 68 13 00-0086	EA	Slant Window Panel, Enclosure (Landscape Structures® PlayShaper® 111281A)	1,621.94	68.23
11 68 13 00-0087	EA	Storefront Panel, Enclosure (Ground Level Only) (Landscape Structures® PlayShaper® 144984A)	556.51	34.11
11 68 13 00-0088	EA	Spelling Panel, Enclosure, Red Discs Only (Landscape Structures® PlayShaper® 111295A)	1,713.81	56.85
11 68 13 00-0089	EA	Slant Entrance Panel, Enclosure (Ground Level Only) (Landscape Structures® PlayShaper® 111387A)	1,317.26	90.96
11 68 13 00-0090	EA	Space Travel Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 123484A)	1,592.18	22.74
11 68 13 00-0091	EA	Puppet Panel, Enclosure (Landscape Structures® PlayShaper® 111285A)	611.36	22.74
11 68 13 00-0092	EA	Puppet Panel With Window, Enclosure (Landscape Structures® PlayShaper® 111286A)	843.35	34.11
11 68 13 00-0093	EA	Zoo Panel, Enclosure (Landscape Structures® PlayShaper® 111287A)	611.36	22.74
11 68 13 00-0094	EA	Tracing Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 111290A)	787.17	22.74
11 68 13 00-0095	EA	Table Panel, Enclosure (Ground Level Only) (Landscape Structures® PlayShaper® 111292A)	1,493.73	102.33
11 68 13 00-0096	EA	Tic-Tac-Toe Panel, Enclosure (Landscape Structures® PlayShaper® 111293A)	1,620.61	34.11
11 68 13 00-0097	EA	Bead And Block Panel Without Handles, Enclosure (Landscape Structures® PlayShaper® 111370A)	1,231.98	34.11
11 68 13 00-0098	EA	2 Benches, 2 End Panels (Ground Level Only) (Landscape Structures® PlayShaper® 116120A)	1,186.39	56.85
11 68 13 00-0099	EA	1 Bench, 2 End Panels (Ground Level Only) (Landscape Structures® PlayShaper® 138185A)	686.72	56.85
11 68 13 00-0100	EA	1 Bench, 1 End Panel (Ground Level Only) (Landscape Structures® PlayShaper® 138299A)	602.78	34.11
11 68 13 00-0101	EA	Balcony Deck, Brown Tenderdeck Only (Landscape Structures® PlayShaper® 139260A)	1,669.54	102.33
11 68 13 00-0102	EA	Balcony Deck With Wheel, Brown Tenderdeck Only (Landscape Structures® PlayShaper® 139260B)	1,937.87	102.33
11 68 13 00-0103	EA	Trail Tracker Reach Panel (2-Color Permalene) (Landscape Structures® PlayShaper® 139264A)	555.84	22.74
11 68 13 00-0104	EA	Navigator Reach Panel (2-Color Permalene) (Landscape Structures® PlayShaper® 139266A)	777.91	22.74
11 68 13 00-0105	EA	Curb, Accessible Reach Panel (Landscape Structures® PlayShaper® 128623A)	161.66	22.74
11 68 13 00-0106	EA	Long Wire Barrier (For 90 Degree Tri-Deck) (Landscape Structures® PlayShaper® 117945A)	898.87	34.11
11 68 13 00-0107	EA	Long Wire Barrier With Wheel (For 90 Degree Tri-Deck) (Landscape Structures® PlayShaper® 117945B)	1,195.64	56.85
11 68 13 00-0108	EA	Short Wire Barrier (Square, Corner And Extension Decks) (Landscape Structures® PlayShaper® 117946A)	686.72	56.85
11 68 13 00-0109	EA	Short Wire Barrier With Wheel (Square, Corner And Extension Decks) (Landscape Structures® PlayShaper® 117946B)	955.06	56.85
11 68 13 00-0110	EA	Chinning Bar Without Post (Landscape Structures® PlayShaper® 139272A)	157.96	22.74
11 68 13 00-0111	EA	Steering Wheel (Landscape Structures® PlayShaper® 111306A)	296.76	22.74
11 68 13 00-0112	EA	Steering Wheel With Infill Panel (Landscape Structures® PlayShaper® 111306B)	398.54	22.74
11 68 13 00-0113	EA	Handloop (Landscape Structures® PlayShaper® 119977A)	231.99	22.74
11 68 13 00-0114	EA	Ground Level, Talk Tubes, Attaches Next To 40" To 48" Deck Only, One Only (Landscape Structures® PlayShaper® 115198A)	630.54	34.11
11 68 13 00-0115	EA	16" Deck, Talk Tubes, One Only (Landscape Structures® PlayShaper® 115198B)	649.04	34.11
11 68 13 00-0116	EA	24" Deck, Talk Tubes, One Only (Landscape Structures® PlayShaper® 115198C)	658.29	34.11
11 68 13 00-0117	EA	32" Deck, Talk Tubes, One Only (Landscape Structures® PlayShaper® 115198D)	676.80	34.11
11 68 13 00-0118	EA	40" Deck, Talk Tubes, One Only (Landscape Structures® PlayShaper® 115198E)	686.05	34.11
11 68 13 00-0119	EA	48" Deck, Talk Tubes, One Only (Landscape Structures® PlayShaper® 115198F)	704.56	34.11
11 68 13 00-0120	EA	Talk Tube Tubing Kit (Landscape Structures® PlayShaper® 111362A) Note: Order one talk tube tubing kit with two talk tubes (any height listed).	600.19	204.67
11 68 13 00-0121	EA	Arch Roof (Landscape Structures® PlayShaper® 111407A)	955.72	68.23
11 68 13 00-0122	EA	Square Poly Roof With Logo Panels (Landscape Structures® PlayShaper® 118110A)	1,791.16	136.44
11 68 13 00-0123	EA	Square Peak Tile Roof With Logo Panels (Landscape Structures® PlayShaper® 129816A)	1,985.47	136.44
11 68 13 00-0124	EA	Super-Square Shingle Roof With Permalene Roof Cap (Landscape Structures® PlayShaper® 130102A)	4,113.66	136.44
11 68 13 00-0125	EA	Super-Square Shingle Roof With Poly Roof Cap (Landscape Structures® PlayShaper® 130102B)	4,779.88	136.44
11 68 13 00-0126	EA	Square Tenderdeck, Brown Only (Landscape Structures® PlayShaper® 111237A)	1,038.34	56.85
11 68 13 00-0127	EA	Square Tenderdeck, Corner, Brown Only (Landscape Structures® PlayShaper® 111238A)	992.07	56.85
11 68 13 00-0128	EA	Square Tenderdeck, Extension, Brown Only (Landscape Structures® PlayShaper® 111239A)	1,010.58	56.85
11 68 13 00-0129	EA	90 Degree Triangular Tenderdeck, Brown Only (Landscape Structures® PlayShaper® 117495A)	815.60	34.11
11 68 13 00-0130	EA	Transfer Stations With Two Handbars (Landscape Structures® PlayShaper® 126205A)	1,636.53	204.67
11 68 13 00-0131	EA	Transfer Stations With One Handbar (Landscape Structures® PlayShaper® 126205B)	1,497.73	204.67
11 68 13 00-0132	EA	Transfer Stations No Handbars (Landscape Structures® PlayShaper® 126205C)	1,377.45	204.67
11 68 13 00-0133	EA	Curb For 90 Degree Tri-Deck (Landscape Structures® PlayShaper® 139083A)	194.97	22.74
11 68 13 00-0134	EA	8" Rise, Kick Plates, Brown Only (Landscape Structures® PlayShaper® 121948A)	172.77	22.74
11 68 13 00-0135	EA	16" Rise, Kick Plates, Brown Only (Landscape Structures® PlayShaper® 121948B)	250.49	22.74
11 68 13 00-0136	EA	8" Rise, 90 Degree Tri-Deck, Kick Plates, Brown Only (Landscape Structures® PlayShaper® 121949A)	209.78	22.74
11 68 13 00-0137	EA	16" Rise, 90 Degree Tri-Deck, Kick Plates, Brown Only (Landscape Structures® PlayShaper® 121949B)	306.01	22.74
11 68 13 00-0138	EA	To 32" Deck, Curved Transfer Module, Right Or Left Step (Landscape Structures® PlayShaper® 153020A)	3,082.66	272.88
11 68 13 00-0139	EA	To 40" Deck, Curved Transfer Module, Right Or Left Step (Landscape Structures® PlayShaper® 153020B)	3,517.55	272.88
11 68 13 00-0140	EA	To 48" Deck, Curved Transfer Module, Right Or Left Step (Landscape Structures® PlayShaper® 153020C)	3,702.61	272.88
11 68 13 00-0141	EA	56"/SpyroSlide, Arches For Decks And/or Roofs (Landscape Structures® PlayShaper® 111399A)	1,853.26	68.23
11 68 13 00-0142	EA	48" Deck, Arches For Decks And/or Roofs (Landscape Structures® PlayShaper® 111399B)	1,816.25	68.23
11 68 13 00-0143	EA	40" Deck, Arches For Decks And/or Roofs (Landscape Structures® PlayShaper® 111399C)	1,797.75	68.23
11 68 13 00-0144	EA	32" Deck, Arches For Decks And/or Roofs (Landscape Structures® PlayShaper® 111399D)	1,769.99	68.23
11 68 13 00-0145	EA	24" Deck, Arches For Decks And/or Roofs (Landscape Structures® PlayShaper® 111399E)	1,742.23	68.23
11 68 13 00-0146	EA	16" Deck, Arches For Decks And/or Roofs (Landscape Structures® PlayShaper® 111399F)	1,723.72	68.23
11 68 13 00-0147	EA	8" Deck, Arches For Decks And/or Roofs (Landscape Structures® PlayShaper® 111399G)	1,705.22	68.23
11 68 13 00-0148	EA	Ground Level, Arches For Decks And/or Roofs (Landscape Structures® PlayShaper® 111399H)	1,686.71	68.23
11 68 13 00-0149	EA	82"/48" Deck, Flush Mount Posts For Decks (Landscape Structures® PlayShaper® 111398A)	417.72	34.11
11 68 13 00-0150	EA	74"/40" Deck, Flush Mount Posts For Decks (Landscape Structures® PlayShaper® 111398B)	399.21	34.11
11 68 13 00-0151	EA	66"/32" Deck, Flush Mount Posts For Decks (Landscape Structures® PlayShaper® 111398C)	371.45	34.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0152	EA	58"/24" Deck, Flush Mount Posts For Decks (Landscape Structures® PlayShaper® 111398D)	362.20	34.11
11 68 13 00-0153	EA	50"/16" Deck, Flush Mount Posts For Decks (Landscape Structures® PlayShaper® 111398E)	352.95	34.11
11 68 13 00-0154	EA	42"/8" Deck, Flush Mount Posts For Decks (Landscape Structures® PlayShaper® 111398F)	343.69	34.11
11 68 13 00-0155	EA	128"/SpyroSlide/SlideWinder2 Off 48" Deck, Post For Decks (Landscape Structures® PlayShaper® 111397A)	766.75	204.67
11 68 13 00-0156	EA	114"/48" Deck/SlideWinder2 Off 40" Deck, Post For Decks (Landscape Structures® PlayShaper® 111397B)	729.74	204.67
11 68 13 00-0157	EA	106"/40" Deck/SlideWinder2 Off 32" Deck, Post For Decks (Landscape Structures® PlayShaper® 111397C)	720.48	204.67
11 68 13 00-0158	EA	98"/32" Deck, Post For Decks (Landscape Structures® PlayShaper® 111397D)	426.97	34.11
11 68 13 00-0159	EA	90"/24" Deck, Post For Decks (Landscape Structures® PlayShaper® 111397E)	417.72	34.11
11 68 13 00-0160	EA	82"/16" Deck, Post For Decks (Landscape Structures® PlayShaper® 111397F)	399.21	34.11
11 68 13 00-0161	EA	74"/8" Deck, Post For Decks (Landscape Structures® PlayShaper® 111397G)	371.45	34.11
11 68 13 00-0162	EA	69"/Ground Level, Post For Decks (Landscape Structures® PlayShaper® 111397H)	362.20	34.11
11 68 13 00-0163	EA	145"/SpyroSlide, Post For Roofs (Landscape Structures® PlayShaper® 111396A)	491.74	34.11
11 68 13 00-0164	EA	137"/48" Deck, Post For Roofs (Landscape Structures® PlayShaper® 111396B)	482.49	34.11
11 68 13 00-0165	EA	129"/40" Deck, Post For Roofs (Landscape Structures® PlayShaper® 111396C)	454.73	34.11
11 68 13 00-0166	EA	121"/32" Deck, Post For Roofs (Landscape Structures® PlayShaper® 111396D)	445.48	34.11
11 68 13 00-0167	EA	113"/24" Deck, Post For Roofs (Landscape Structures® PlayShaper® 111396E)	436.22	34.11
11 68 13 00-0168	EA	105"/16" Deck, Post For Roofs (Landscape Structures® PlayShaper® 111396F)	417.72	34.11
11 68 13 00-0169	EA	97"/8" Deck, Post For Roofs (Landscape Structures® PlayShaper® 111396G)	399.21	34.11
11 68 13 00-0170	EA	89"/Ground Level, Post For Roofs (Landscape Structures® PlayShaper® 111396H)	371.45	34.11
11 68 13 00-0171	EA	Learning Wall Arch For 10" Panel Height, With Logo Panel (For Roof Only) (Landscape Structures® PlayShaper® 115208A)	2,708.72	239.82
11 68 13 00-0172	EA	Learning Wall Arch For 1" Panel Height, With Logo Panel (For Roof Only) (Landscape Structures® PlayShaper® 115208B)	2,673.35	236.72
11 68 13 00-0173	EA	Learning Wall Arch For 10" Panel Height Without Logo Panel (For Roof Only) (Landscape Structures® PlayShaper® 115208C)	2,177.66	192.88
11 68 13 00-0174	EA	Learning Wall Arch For 1" Panel Height Without Logo Panel (For Roof Only) (Landscape Structures® PlayShaper® 115208D)	2,142.17	189.67
11 68 13 00-0175	EA	Learning Wall Post For 10" Panel Height (Landscape Structures® PlayShaper® 115201A)	442.59	39.19
11 68 13 00-0176	EA	Learning Wall Post For 1" Panel Height (Landscape Structures® PlayShaper® 115201B)	424.89	37.65
11 68 13 00-0177	EA	Learning Wall Post For Poly Roof With 10" Panel Height (Landscape Structures® PlayShaper® 115203A)	481.55	42.61
11 68 13 00-0178	EA	Learning Wall Post For Poly Roof With 1" Panel Height (Landscape Structures® PlayShaper® 115203B)	460.30	40.74
11 68 13 00-0179	EA	The Peak Natural Climber, 40" Deck (Landscape Structures® PlayShaper® 160423A)	9,053.51	341.11
11 68 13 00-0180	EA	The Stepper Natural Climbing Stone, 24" Deck (Landscape Structures® PlayShaper® 160424A)	4,819.56	204.67
11 68 13 00-0181		Playground Equipment (Landscape Structures® Independent Pieces) *(11 68 13 00-0009)*		
11 68 13 00-0182	EA	9-Blocks, Block Climber (Landscape Structures® 117966A)	3,927.35	341.11
11 68 13 00-0183	EA	12-Blocks, Block Climber (Landscape Structures® 117966B)	4,436.26	341.11
11 68 13 00-0184	EA	116-Blocks, Block Climber (Landscape Structures® 117966C)	5,447.51	409.32
11 68 13 00-0185	EA	Spider Web Climber, CableCore Climbing Cable (Direct Bury Only) (Landscape Structures® 136159A)	4,081.99	272.88
11 68 13 00-0186	EA	6-Panels, Cascade Climber (Direct Bury Only) (Landscape Structures® 150976A)	6,592.68	454.81
11 68 13 00-0187	EA	4-Panels, Cascade Climber (Direct Bury Only) (Landscape Structures® 150977A)	4,551.23	204.67
11 68 13 00-0188	EA	Star Seeker Climber, Net Climber (Direct Bury Only) (Landscape Structures® 148041A)	12,173.17	613.99
11 68 13 00-0189	EA	Funnel Climber, Net Climber With 2 Vertical Ladders, (6) Aluminum Posts (Landscape Structures® 144477A)	10,953.04	409.32
11 68 13 00-0190	EA	Funnel Climber, Net Climber Without Vertical Ladders, (4) Aluminum Posts (Landscape Structures® 144477B)	8,063.44	341.11
11 68 13 00-0191	EA	Funnel Climber, Net Climber With 1 Vertical Ladder, (5) Aluminum Posts (Landscape Structures® 144477C)	9,508.24	375.21
11 68 13 00-0192	EA	Funnel Climber, Net Climber With 3 Vertical Ladders, (7) Aluminum Posts (Landscape Structures® 144477D)	12,397.84	443.44
11 68 13 00-0193	EA	Funnel Climber, Net Climber With 4 Vertical Ladders, (8) Aluminum Posts (Landscape Structures® 144477E)	13,842.64	477.55
11 68 13 00-0194	EA	Funnel Climber, Net Climber With 2 Vertical Ladders, (6) Steel Posts (Landscape Structures® 144477F)	10,675.45	409.32
11 68 13 00-0195	EA	Funnel Climber, Net Climber Without Vertical Ladders, (4) Steel Posts (Landscape Structures® 144477G)	7,878.38	341.11
11 68 13 00-0196	EA	Funnel Climber, Net Climber With 1 Vertical Ladder, (5) Steel Posts (Landscape Structures® 144477H)	9,276.92	375.21
11 68 13 00-0197	EA	Funnel Climber, Net Climber With 3 Vertical Ladders, (7) Steel Posts (Landscape Structures® 144477I)	12,073.98	443.44
11 68 13 00-0198	EA	Funnel Climber, Net Climber With 4 Vertical Ladders, (8) Steel Posts (Landscape Structures® 144477J)	13,472.52	477.55
11 68 13 00-0199	EA	8", Pod Climber, One Pod Only (Landscape Structures® 120710A)	446.15	56.85
11 68 13 00-0200	EA	16", Pod Climber, One Pod Only (Landscape Structures® 120711A)	455.40	56.85
11 68 13 00-0201	EA	24", Pod Climber, One Pod Only (Landscape Structures® 120712A)	464.65	56.85
11 68 13 00-0202	EA	30", Pod Climber, One Pod Only (Landscape Structures® 120713A)	473.91	56.85
11 68 13 00-0203	EA	Track Ride Curved (Landscape Structures® 118093A)	4,456.02	136.44
11 68 13 00-0204	EA	18' Curved Track Ride, Aluminum Posts, (Direct Bury Only) (Landscape Structures® 121874A)	6,789.19	409.32
11 68 13 00-0205	EA	18' Curved Track Ride, Steel Posts, (Direct Bury Only) (Landscape Structures® 121874B)	6,604.13	409.32
11 68 13 00-0206	EA	10' Straight Track Ride, Aluminum Posts, (Direct Bury Only) (Landscape Structures® 121648A)	5,715.84	409.32
11 68 13 00-0207	EA	10' Straight Track Ride, Steel Posts, (Direct Bury Only) (Landscape Structures® 121648B)	5,345.72	409.32
11 68 13 00-0208	EA	18' Straight Track Ride, Aluminum Posts, (Direct Bury Only) (Landscape Structures® 121875A)	5,947.17	409.32
11 68 13 00-0209	EA	18' Straight Track Ride, Steel Posts, (Direct Bury Only) (Landscape Structures® 121875B)	5,762.11	409.32
11 68 13 00-0210	EA	Playstructure Seat, TenderTuff-coated Brown (Landscape Structures® 120818A)	567.10	68.23
11 68 13 00-0211	EA	Kids In Motion, Sway Fun Glider, Brown Deck Only (Landscape Structures® 138871A)	20,323.82	818.65
11 68 13 00-0212	EA	CoolToppers Shade System, Full Sail, (Direct Bury Only) (Landscape Structures® 136759A)	17,610.17	1,227.97
11 68 13 00-0213	EA	CoolToppers Shade System, Single Post, (Direct Bury Only) (Landscape Structures® 154397A)	5,930.06	682.21
11 68 13 00-0214	EA	CoolToppers Shade System, Single Post With Cool Mister, (Direct Bury Only) (Landscape Structures® 155071A)	7,209.50	272.88
11 68 13 00-0215	EA	CoolToppers Shade System, Single Post With Cool Mister, (Direct Bury Only) (Landscape Structures® 155072A)	11,685.43	682.21
11 68 13 00-0216	EA	Turtle Sand Table, (2-Color Permalene), (Direct Bury Only) (Landscape Structures® 116568A)	743.57	90.96
11 68 13 00-0217	EA	Straight Crawl Tunnel (Landscape Structures® 100005A)	2,386.02	204.67
11 68 13 00-0218	EA	Curved Crawl Tunnel (Landscape Structures® 100005D)	3,024.48	204.67
11 68 13 00-0219	EA	4' Square, SanDirect Buryoxe (Landscape Structures® 120458A)	655.71	204.67
11 68 13 00-0220	EA	SanDirect Buryoxe, Play Table Only (Landscape Structures® 120894A)	914.80	204.67
11 68 13 00-0221	EA	8' Square, SanDirect Buryoxe Without Play Table (Landscape Structures® 120458B)	1,320.67	409.32
11 68 13 00-0222	EA	8' Square, SanDirect Buryoxe With Play Table, (Direct Bury Only) (Landscape Structures® 120458C)	1,885.10	409.32
11 68 13 00-0223	EA	8' L-Shaped, SanDirect Buryoxe Without Play Table (Landscape Structures® 120458D)	1,320.67	409.32
11 68 13 00-0224	EA	8' L-Shaped, SanDirect Buryoxe With Play Table, (Direct Bury Only) (Landscape Structures® 120458E)	1,885.10	409.32
11 68 13 00-0225	EA	Splash Circuit Sand And Water Station, Direct Bury (Landscape Structures® 126202A)	5,850.71	545.76
11 68 13 00-0226	EA	Splash Circuit Sand And Water Station, Surface Mount (Landscape Structures® 126202B)	5,669.58	409.32

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0227	EA	Talk Tubes, Complete With (2) 2-3/8" Square Aluminum Posts, Ground Level, (Direct Bury Only) (Landscape Structures® 113931A)	2,610.76	272.88
11 68 13 00-0228	EA	Clear Paint Panel, Surface Mount (Landscape Structures® 112621A)	1,048.25	68.23
11 68 13 00-0229	EA	Clear Paint Panel, Direct Bury (Landscape Structures® 112621B)	920.04	102.33
11 68 13 00-0230	EA	Dino Climber, Direct Bury (Landscape Structures® 100122A)	15,103.71	545.76
11 68 13 00-0231	EA	Dino Climber, Surface Mount (Landscape Structures® 100122B)	15,721.00	477.55
11 68 13 00-0232	EA	Sand Table, (3) Steel Posts, Direct Bury (Landscape Structures® 136233B)	4,226.11	409.32
11 68 13 00-0233	EA	Sand Table, (3) Aluminum Posts, Direct Bury (Landscape Structures® 136233A)	4,327.89	409.32
11 68 13 00-0234	EA	Wiggle Worm Crawl Tunnel With 2-Color Permalene Head (Landscape Structures® 120418A)	5,083.97	341.11
11 68 13 00-0235	EA	Wiggle Worm Crawl Tunnel Without 2-Color Permalene Head (Landscape Structures® 120418B)	3,573.07	272.88
11 68 13 00-0236	EA	Kids In Motion, Saddle Spinner (Landscape Structures® 152179A)	1,529.41	68.23
11 68 13 00-0237	EA	Kids In Motion, Log Roll With Aluminum Posts (Landscape Structures® 100027A)	2,263.06	136.44
11 68 13 00-0238	EA	Kids In Motion, Log Roll, Tan Log Only, (2) Steel Posts (Landscape Structures® 100027B)	2,170.53	136.44
11 68 13 00-0239	EA	Kids In Motion, Spring Pod Bouncer, Sold Individually Per Pod (Landscape Structures® 120876A)	603.45	56.85
11 68 13 00-0240	EA	Kids In Motion, SpringRing Bouncer, (Brown Ring Only, Avail. for Direct Bury Only) (Landscape Structures® 117961A)	8,080.69	545.76
11 68 13 00-0241	EA	Kids In Motion, Spring Platform With Handhold, Brown Platform, Tan Handhold* (Landscape Structures® 125059A)	2,884.42	409.32
11 68 13 00-0242	EA	Kids In Motion, Spring Platform Without Handhold, Brown Platform* (Landscape Structures® 125059B)	2,699.36	409.32
11 68 13 00-0243	EA	Kids In Motion, Spring Platform With Post, Brown Platform, Tan Post* (Landscape Structures® 125059C)	3,384.09	409.32
11 68 13 00-0244	EA	Kids In Motion, Stand-Up Spinner, (Direct Bury Only) (Landscape Structures® 155077A)	2,241.89	68.23
11 68 13 00-0245	EA	Orbiter Spinner, Steel Post, (Avail. for Direct Bury Only (Landscape Structures® 153589A)	3,135.52	204.67
11 68 13 00-0246	EA	Orbiter2 Spinner, Steel Post, (Avail. for Direct Bury Only (Landscape Structures® 154358A)	5,645.74	272.88
11 68 13 00-0247	EA	Orbiter3 Spinner, Steel Post, (Direct Bury Only) (Landscape Structures® 154359A)	8,146.72	341.11
11 68 13 00-0248	EA	Stand-Up Seesaw, Direct Bury (Landscape Structures® 148638A)	3,299.40	136.44
11 68 13 00-0249	EA	Stand-Up Seesaw, Surface Mount (Landscape Structures® 148638B)	2,846.00	136.44
11 68 13 00-0250	EA	2-Seat Seesaw, Direct Bury, Without Color Options On Permalene (Landscape Structures® 148636A)	3,651.01	136.44
11 68 13 00-0251	EA	2-Seat Seesaw, Surface Mount, Without Color Options On Permalene (Landscape Structures® 148636B)	3,151.35	136.44
11 68 13 00-0252	EA	4-Seat Seesaw, Direct Bury, Without Color Options On Permalene (Landscape Structures® 148637A)	4,409.76	136.44
11 68 13 00-0253	EA	4-Seat Seesaw, Surface Mount, Without Color Options On Permalene (Landscape Structures® 148637B)	3,928.60	136.44
11 68 13 00-0254	EA	Seesaw Back Support, With Seat Strap* (Landscape Structures® 148706A)	417.05	22.74
11 68 13 00-0255	EA	Seesaw Back Support, without Seat Strap (Landscape Structures® 148706B)	343.02	22.74
11 68 13 00-0256	EA	Stationary Cycler, SuperScoop, (Direct Bury Only) (Landscape Structures® 123831A)	1,570.42	170.55
11 68 13 00-0257	EA	Stationary Cycler, SuperScoop, Wheelchair-Accessible, Surface Mount (Landscape Structures® 123832A)	1,401.20	102.33
11 68 13 00-0258	EA	Stationary Cycler, SuperScoop, Wheelchair-Accessible, Direct Bury (Landscape Structures® 123832B)	1,459.38	170.55
11 68 13 00-0259	EA	Motorcycle TuffRiders, With Coil Spring, Direct Bury (Landscape Structures® 100013B)	2,145.45	204.67
11 68 13 00-0260	EA	Motorcycle Back Supports With Seat Strap (Landscape Structures® 123711A)	333.77	22.74
11 68 13 00-0261	EA	Motorcycle Back Supports Without Seat Strap (Landscape Structures® 123711B)	278.25	22.74
11 68 13 00-0262	EA	Turtle TuffRiders, With Coil Spring, Direct Bury (Landscape Structures® 100014B)	1,810.99	170.55
11 68 13 00-0263	EA	Bird TuffRiders, With Coil Spring, Direct Bury (Landscape Structures® 100015B)	1,840.10	204.67
11 68 13 00-0264	EA	Horse TuffRiders, With Coil Spring, Direct Bury (Landscape Structures® 100015B)	1,821.59	204.67
11 68 13 00-0265	EA	Car TuffRiders, With Coil Spring, Direct Bury (Landscape Structures® 100017B)	2,145.45	204.67
11 68 13 00-0266	EA	RhinoDino TuffRiders, With Coil Spring, Direct Bury (Landscape Structures® 100123B)	1,792.49	170.55
11 68 13 00-0267	EA	T-Rex TuffRiders, With Coil Spring, Direct Bury (Landscape Structures® 100124B)	1,821.59	204.67
11 68 13 00-0268	EA	2-Seat Airplane Rider TuffRiders, With Coil Spring, Surface Mount (Landscape Structures® 120871A)	2,701.95	238.77
11 68 13 00-0269	EA	2-Seat Airplane Rider TuffRiders, With Coil Spring, Direct Bury (Landscape Structures® 120871B)	2,830.17	204.67
11 68 13 00-0270	EA	2-Seat Fire Engine Rider TuffRiders, With Coil Spring, Surface Mount (Landscape Structures® 126378A)	2,452.12	238.77
11 68 13 00-0271	EA	2-Seat Fire Engine Rider TuffRiders, With Coil Spring, Direct Bury (Landscape Structures® 126378B)	2,571.08	204.67
11 68 13 00-0272	EA	Motorcycle TuffRiders, With Coil Spring, Surface Mount (Landscape Structures® 100013A)	1,848.01	170.55
11 68 13 00-0273	EA	Turtle TuffRiders, With Coil Spring, Surface Mount (Landscape Structures® 100014A)	1,504.31	136.44
11 68 13 00-0274	EA	Bird TuffRiders, With Coil Spring, Surface Mount (Landscape Structures® 100015A)	1,533.41	170.55
11 68 13 00-0275	EA	Horse TuffRiders, With Coil Spring, Surface Mount (Landscape Structures® 100016A)	1,514.90	170.55
11 68 13 00-0276	EA	Car TuffRiders, With Coil Spring, Surface Mount (Landscape Structures® 100017A)	1,848.01	170.55
11 68 13 00-0277	EA	RhinoDino TuffRiders, With Coil Spring, Surface Mount (Landscape Structures® 100123A)	1,495.06	136.44
11 68 13 00-0278	EA	T-Rex TuffRiders, With Coil Spring, Surface Mount (Landscape Structures® 100124A)	1,514.90	170.55
11 68 13 00-0279	EA	Zebra Whimsy Riders, With Coil Spring, Direct Bury (Landscape Structures® 135534B)	1,894.27	170.55
11 68 13 00-0280	EA	Sea Horse Whimsy Riders, With Coil Spring, Direct Bury (Landscape Structures® 135535B)	2,023.81	170.55
11 68 13 00-0281	EA	Dolphin Whimsy Riders, With Coil Spring, Direct Bury (Landscape Structures® 135536B)	1,931.28	170.55
11 68 13 00-0282	EA	Zebra Whimsy Riders, With Coil Spring, Surface Mount (Landscape Structures® 135534A)	1,606.10	136.44
11 68 13 00-0283	EA	Sea Horse Whimsy Riders, With Coil Spring, Surface Mount (Landscape Structures® 135535A)	1,726.39	136.44
11 68 13 00-0284	EA	Dolphin Whimsy Riders, With Coil Spring, Surface Mount (Landscape Structures® 135536A)	1,643.11	136.44
11 68 13 00-0285	EA	SpyroSlide, Poly, 72" Deck (Landscape Structures® 115366A)	11,792.55	818.65
11 68 13 00-0286	EA	40" Poly Slide, 40" Deck (Landscape Structures® 100046A)	6,296.12	341.11
11 68 13 00-0287	EA	Wave Poly Slide, 72" Deck (Landscape Structures® 100046C)	7,610.04	341.11
11 68 13 00-0288	EA	Fire Engine, Colors As Shown Only, (Direct Bury Only) (Landscape Structures® 148640A)	23,111.78	1,364.42
11 68 13 00-0289	EA	Double Humpty Climber (Direct Bury Only) (Landscape Structures® 100037A)	3,970.95	272.88
11 68 13 00-0290	EA	Single Humpty Climber (Direct Bury Only) (Landscape Structures® 100037B)	2,182.46	204.67
11 68 13 00-0291	EA	12-Panel, Mobius Climber (Direct Bury Only) (Landscape Structures® 150638A)	43,565.14	2,183.07
11 68 13 00-0292	EA	7-Panel, Mobius Climber (Direct Bury Only) (Landscape Structures® 150637A)	24,029.24	1,637.30
11 68 13 00-0293	EA	6-Panel, Mobius Climber (Direct Bury Only) (Landscape Structures® 150636A)	21,799.26	1,637.30
11 68 13 00-0294	EA	3-Panel, Mobius Climber (Direct Bury Only) (Landscape Structures® 150635A)	10,393.93	545.76
11 68 13 00-0295	EA	4', Rainbow Climber (Direct Bury Only) (Landscape Structures® 100038A)	1,502.98	102.33
11 68 13 00-0296	EA	6', Rainbow Climber (Direct Bury Only) (Landscape Structures® 100038B)	1,678.79	102.33
11 68 13 00-0297	EA	Sky Rail Climber, Independent Climber (Direct Bury Only) (Landscape Structures® 146813A)	5,345.72	409.32
11 68 13 00-0298	EA	4'-High, Vertical Pipe Climber (Direct Bury Only) (Landscape Structures® 100040A)	1,132.86	102.33
11 68 13 00-0299	EA	6'-High, Vertical Pipe Climber (Direct Bury Only) (Landscape Structures® 100040B)	1,225.39	102.33
11 68 13 00-0300	EA	Arch Belt Swing, 2-Place, TenderTuff-coated Chain (Landscape Structures® 100050A)	5,164.14	545.76
11 68 13 00-0301	EA	Arch Belt Swing, 2-Place, Uncoated Chain (Landscape Structures® 100050C)	5,008.69	545.76
11 68 13 00-0302	EA	Arch Swing, Additional 2 PL Bay, TenderTuff-coated Chain (Landscape Structures® 111579A)	3,247.37	272.88
11 68 13 00-0303	EA	Arch Swing, Additional 2 PL Bay, Uncoated Chain (Landscape Structures® 111579C)	3,091.91	272.88
11 68 13 00-0304	EA	Single Post Swing, 2-Place, Uncoated Chain (Landscape Structures® 122837A)	2,671.61	409.32

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11 68 13 00-0305	EA	Single Post Swing, 2-Place, TenderTuff-coated Chain (Landscape Structures® 122837B)	2,827.06	409.32
11 68 13 00-0306	EA	Single Post Swing, Additional 2 PL Bay, Uncoated Chain (Landscape Structures® 122838A)	1,914.12	204.67
11 68 13 00-0307	EA	Single Post Swing, Additional 2 PL Bay, TenderTuff-coated Chain (Landscape Structures® 122838B)	2,069.57	204.67
11 68 13 00-0308	EA	Single Post Swing, 2-Place, Anti-Wrap Hangers, Uncoated Chain (Landscape Structures® 140769A)	3,069.48	409.32
11 68 13 00-0309	EA	Single Post Swing, 2-Place, Anti-Wrap Hangers, TenderTuff-coated Chain (Landscape Structures® 140769B)	3,224.93	409.32
11 68 13 00-0310	EA	Single Post Swing, Additional 2 PL Bay, Anti-Wrap Hangers, Uncoated Chain (Landscape Structures® 140770A)	2,312.00	204.67
11 68 13 00-0311	EA	Single Post Swing, Additional 2 PL Bay, Anti-Wrap Hangers, TenderTuff-coated Chain (Landscape Structures® 140770B)	2,467.45	204.67
11 68 13 00-0312	EA	Toddler Swing Add-On, With (1) Full-Bucket Seat, Without Post (Landscape Structures® 151852A)	1,159.29	68.23
11 68 13 00-0313	EA	Arch Tire Swing, TenderTuff-coated Chain (Landscape Structures® 120891A)	5,915.48	545.76
11 68 13 00-0314	EA	Additional Bay, Arch Tire Swing, TenderTuff-coated Chain (Landscape Structures® 139188A)	4,137.50	272.88
11 68 13 00-0315	EA	4-Post Tire Swing, TenderTuff-coated Chain, (4) Posts With Crossovers, Steel Beam And Posts (Landscape Structures® 120892B)	5,378.81	545.76
11 68 13 00-0316	EA	Additional Bay, 4-Post Tire Swing, TenderTuff-coated Chain, (2) Posts With Crossover, Steel Beam And Posts (Landscape Structures® 141458B)	3,471.29	272.88
11 68 13 00-0317	EA	Toddler Swing, With (2) Full-Bucket Seats (Landscape Structures® 117962B)	2,675.53	272.88
11 68 13 00-0318	EA	Curved Balance Beam (Landscape Structures® 100041A)	1,132.20	90.96
11 68 13 00-0319	EA	Drop Shot, (Direct Bury Only) (Landscape Structures® 100042A)	2,005.31	170.55
11 68 13 00-0320	EA	Basketball Outfit, 6' Offset, Fan Permalene Backboard, Chain Net (Landscape Structures® 116947A)	4,267.05	272.88
11 68 13 00-0321	EA	Basketball Outfit, 6' Offset, Rectangular Permalene Backboard, Chain Net (Landscape Structures® 116947B)	4,766.71	272.88
11 68 13 00-0322	EA	Basketball Outfit, 6' Offset, Fan Permalene Backboard, Nylon Net (Landscape Structures® 116947C)	4,257.79	272.88
11 68 13 00-0323	EA	Basketball Outfit, 6' Offset, Rectangular Permalene Backboard, Nylon Net (Landscape Structures® 116947D)	4,757.45	272.88
11 68 13 00-0324	EA	FitCore Outdoor Fitness Equipment With Aluminum Posts, (Direct Bury Only) (Landscape Structures® 123722A)	21,155.79	2,455.95
11 68 13 00-0325	EA	FitCore Outdoor Fitness Equipment With Steel Posts, (Direct Bury Only) (Landscape Structures® 123722B)	20,545.09	2,455.95
11 68 13 00-0326	EA	Fitness Cluster With Steel Posts (Landscape Structures® 120874B)	13,286.50	1,637.30
11 68 13 00-0327	EA	Fitness Cluster With Aluminum Posts (Landscape Structures® 120874A)	13,545.59	1,637.30
11 68 13 00-0328	EA	Aluminum Posts, Climbing Wall (Landscape Structures® 153354A)	2,990.13	272.88
11 68 13 00-0329	EA	Steel Posts, Climbing Wall (Landscape Structures® 153354B)	2,897.60	272.88
11 68 13 00-0330	EA	30" Galvanized Stake, TuffTimber Edgers (Landscape Structures® 100626A)	27.10	11.37
11 68 13 00-0331	EA	TuffTimber, 4' Length, TuffTimber Edgers, Black Only (Landscape Structures® 119214A)	85.66	11.37
11 68 13 00-0332	EA	TuffTimbers Access Wedge, TuffTimber Edgers, Black Only (Landscape Structures® 130799A)	1,074.01	22.74
11 68 13 00-0333	EA	Age Appropriate Fitness Sign, Ages 12 And Over (Landscape Structures® 114483A)	593.52	34.11
11 68 13 00-0334	EA	Age Appropriate Fitness Sign, Ages 5 to 12 (Landscape Structures® 114484A)	593.52	34.11
11 68 13 00-0335	EA	Accessible Playground Sign, With 2-3/8" Post (Landscape Structures® 100103A)	556.51	34.11
11 68 13 00-0336	EA	Age Appropriate Sign, With PlayShaper Posts, Optional Name* (Landscape Structures® 100104A)	1,139.45	34.11
11 68 13 00-0337	EA	Age Appropriate Sign, With PlayShaper Posts, 2 - 5 Years* (Landscape Structures® 100105A)	963.64	34.11
11 68 13 00-0338	EA	Age Appropriate Sign, With PlayShaper Posts, 5 - 12 Years* (Landscape Structures® 100106A)	963.64	34.11
11 68 13 00-0339	EA	Flat Molded Seat, Swing Accessories (Excludes Chain) (Landscape Structures® 100052A)	324.52	22.74
11 68 13 00-0340	EA	Molded Bucket Seat (Specify Color), Swing Accessories (Excludes Chain) (Landscape Structures® 100054A)	807.68	68.23
11 68 13 00-0341	EA	Full-Bucket Seat, Swing Accessories (Excludes Chain) (Landscape Structures® 100055A)	417.72	34.11
11 68 13 00-0342	EA	Half-Bucket Seat, Swing Accessories (Excludes Chain) (Landscape Structures® 112228A)	399.21	34.11
11 68 13 00-0343	EA	Slash-Proof Belt Seat, Swing Accessories (Landscape Structures® 132385A)	130.20	22.74
11 68 13 00-0344	EA	Seat Strap for Molded Bucket Seat, Swing Accessories (Excludes Chain) (Landscape Structures® 111416A)	122.80	22.74
11 68 13 00-0345	LF	TuffTurf Geotextile Fabric, (12 1/2' Wide Roll), Order an Additional 20% for Overlap/Waste, per LF (Landscape Structures® 109694A)	10.77	3.41
11 68 13 00-0346	EA	TuffTurf Adhesive 10.6 oz. Tube, (Approximate Coverage: 3 Tiles per Tube) (Landscape Structures® 114513A)	13.42	
11 68 13 00-0347	EA	Rider, Direct Bury Leg, Concrete, (Direct Bury Only) (Landscape Structures® 115381A)	306.68	34.11
11 68 13 00-0348	EA	Mesh SanDirect Buryox Cover, 4' Square (Landscape Structures® 120530A)	102.44	17.05
11 68 13 00-0349	EA	Mesh SanDirect Buryox Cover, 8' Square (Landscape Structures® 120530B)	352.95	34.11
11 68 13 00-0350	EA	Mesh SanDirect Buryox Cover, 8' L-Shaped (Landscape Structures® 120530C)	297.43	34.11
11 68 13 00-0351	EA	4-Post Tire Swing, TenderTuff-coated Chain, (4) Posts With Crossovers, Steel Beam And Aluminum Posts (Landscape Structures® 120892A)	5,109.07	272.88
11 68 13 00-0352	EA	TuffTurf Tiles - 3' x 3' x 1-1/2", Square (Landscape Structures® 122868A)	185.72	17.05
11 68 13 00-0353	EA	TuffTurf Tiles - 3' x 3' x 1-1/2", 1-Bevel (Landscape Structures® 122868B)	185.72	17.05
11 68 13 00-0354	EA	TuffTurf Tiles - 3' x 3' x 1-1/2", 2-Bevel (Landscape Structures® 122868C)	185.72	17.05
11 68 13 00-0355	EA	TuffTurf Tiles - 3' x 3' x 1-1/2", 3-Bevel (Landscape Structures® 122868D)	185.72	17.05
11 68 13 00-0356	EA	TuffTurf Tiles - 3' x 3' x 1-1/2", 4-Bevel (Landscape Structures® 122868E)	185.72	17.05
11 68 13 00-0357	EA	TuffTurf Tiles - 3' x 3' x 1-1/2", Corner Bevel (Landscape Structures® 122868F)	185.72	17.05
11 68 13 00-0358	EA	Rider, 4-Bevel TuffTurf Tile, With Hole, For TuffRiders And Whimsy Riders * (Landscape Structures® 122869A)	194.97	17.05
11 68 13 00-0359	EA	1-Place, Surge Swing, Uncoated Chain (Landscape Structures® 127680A)	2,642.43	136.44
11 68 13 00-0360	EA	1-Place, Surge Swing, TenderTuff-coated Chain (Landscape Structures® 127680B)	2,720.16	136.44
11 68 13 00-0361	EA	TuffTurf Adhesive 1 Gallon (Approximate Coverage: 15 Tiles per Gallon) (Landscape Structures® 128036A)	92.53	
11 68 13 00-0362	EA	1-Place, Surge Swing, Anti-Wrap Hangers, Uncoated Chain (Landscape Structures® 139910A)	2,836.75	136.44
11 68 13 00-0363	EA	1-Place, Surge Swing, Anti-Wrap Hangers, TenderTuff-coated Chain (Landscape Structures® 139910B)	2,914.47	136.44
11 68 13 00-0364	EA	Additional Bay, 4-Post Tire Swing, TenderTuff-coated Chain, (2) Posts With Crossover, Steel Beam And Aluminum Posts (Landscape Structures® 141458A)	3,450.12	204.67
11 68 13 00-0365	EA	The Pinnacle Natural Climber (Landscape Structures® 156065A)	27,911.28	818.65
11 68 13 00-0366	EA	The Pointe Natural Climber (Landscape Structures® 156067A)	15,779.18	545.76
11 68 13 00-0367	EA	Hemisphere Climber With Single Arch, Independent Climber (Landscape Structures® 156435A)	15,779.18	545.76
11 68 13 00-0368	EA	5000 Series Swing, 8'-High Beam, 2-Place, Powdercoated Beam And Galvanized Legs, Uncoated Chain (Landscape Structures® 157107A)	2,161.28	136.44
11 68 13 00-0369	EA	5000 Series Swing, 8'-High Beam, 2-Place, Powdercoated Beam And Galvanized Legs, TenderTuff-coated Chain (Landscape Structures® 157107B)	2,316.73	136.44
11 68 13 00-0370	EA	5000 Series Swing, 8'-High Beam, 2-Place, Powdercoated Beam And Legs, Uncoated Chain (Landscape Structures® 157107C)	2,401.86	136.44
11 68 13 00-0371	EA	5000 Series Swing, 8'-High Beam, 2-Place, Powdercoated Beam And Legs, TenderTuff-coated Chain (Landscape Structures® 157107D)	2,557.31	136.44
11 68 13 00-0372	EA	5000 Series Swing, Additional 2 PL Bay, 8'-High Beam, Powdercoated Beam And Galvanized Legs, Uncoated Chain (Landscape Structures® 157108A)	1,242.57	68.23
11 68 13 00-0373	EA	5000 Series Swing, Additional 2 PL Bay, 8'-High Beam, Powdercoated Beam And Galvanized Legs, TenderTuff-coated Chain (Landscape Structures® 157108B)	1,398.02	68.23

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11 68 13 00-0374	EA	5000 Series Swing, Additional 2 PL Bay, 8'-High Beam, Powdercoated Beam And Legs, Uncoated Chain (Landscape Structures® 157108C)	1,325.84	68.23
11 68 13 00-0375	EA	5000 Series Swing, Additional 2 PL Bay, 8'-High Beam, Powdercoated Beam And Legs, TenderTuff-coated Chain (Landscape Structures® 157108D)	1,481.29	68.23
11 68 13 00-0376	EA	5000 Series Swing, 10'-High Beam, 2-Place, Powdercoated Beam And Galvanized Legs, Uncoated Chain (Landscape Structures® 157109A)	2,253.81	136.44
11 68 13 00-0377	EA	5000 Series Swing, 10'-High Beam, 2-Place, Powdercoated Beam And Galvanized Legs, TenderTuff-coated Chain (Landscape Structures® 157109B)	2,490.68	136.44
11 68 13 00-0378	EA	5000 Series Swing, 10'-High Beam, 2-Place, Powdercoated Beam And Legs, Uncoated Chain (Landscape Structures® 157109C)	2,494.38	136.44
11 68 13 00-0379	EA	5000 Series Swing, 10'-High Beam, 2-Place, Powdercoated Beam And Legs, TenderTuff-coated Chain (Landscape Structures® 157109D)	2,731.26	136.44
11 68 13 00-0380	EA	5000 Series Swing, Additional 2 PL Bay, 10'-High Beam, Powdercoated Beam And Galvanized Legs, Uncoated Chain (Landscape Structures® 157110A)	1,316.59	68.23
11 68 13 00-0381	EA	5000 Series Swing, Additional 2 PL Bay, 10'-High Beam, Powdercoated Beam And Galvanized Legs, TenderTuff-coated Chain (Landscape Structures® 157110B)	1,667.17	136.44
11 68 13 00-0382	EA	5000 Series Swing, Additional 2 PL Bay, 10'-High Beam, Powdercoated Beam And Legs, Uncoated Chain (Landscape Structures® 157110C)	1,399.87	68.23
11 68 13 00-0383	EA	5000 Series Swing, Additional 2 PL Bay, 10'-High Beam, Powdercoated Beam And Legs, TenderTuff-coated Chain (Landscape Structures® 157110D)	1,750.44	136.44
11 68 13 00-0384	EA	5000 Series Swing, 8'-High Beam, 2-Place, Anti-Wrap Hangers, Powdercoated Beam And Galvanized Legs, Uncoated Chain (Landscape Structures® 157111A)	2,346.34	136.44
11 68 13 00-0385	EA	5000 Series Swing, 8'-High Beam, 2-Place, Anti-Wrap Hangers, Powdercoated Beam And Galvanized Legs, TenderTuff-coated Chain (Landscape Structures® 157111B)	2,501.79	136.44
11 68 13 00-0386	EA	5000 Series Swing, 8'-High Beam, 2-Place, Anti-Wrap Hangers, Powdercoated Beam And Legs, Uncoated Chain (Landscape Structures® 157111C)	2,586.92	136.44
11 68 13 00-0387	EA	5000 Series Swing, 8'-High Beam, 2-Place, Anti-Wrap Hangers, Powdercoated Beam And Legs, TenderTuff-coated Chain (Landscape Structures® 157111D)	2,742.37	136.44
11 68 13 00-0388	EA	5000 Series Swing, Additional 2 PL Bay, 8'-High Beam, Anti-Wrap Hangers, Powdercoated Beam And Galvanized Legs, Uncoated Chain (Landscape Structures® 157112A)	1,418.37	68.23
11 68 13 00-0389	EA	5000 Series Swing, Additional 2 PL Bay, 8'-High Beam, Anti-Wrap Hangers, Powdercoated Beam And Galvanized Legs, TenderTuff-coated Chain (Landscape Structures® 157112B)	1,687.52	136.44
11 68 13 00-0390	EA	5000 Series Swing, Additional 2 PL Bay, 8'-High Beam, Anti-Wrap Hangers, Powdercoated Beam And Legs, Uncoated Chain (Landscape Structures® 157112C)	1,501.65	68.23
11 68 13 00-0391	EA	5000 Series Swing, Additional 2 PL Bay, 8'-High Beam, Anti-Wrap Hangers, Powdercoated Beam And Legs, TenderTuff-coated Chain (Landscape Structures® 157112D)	1,770.80	136.44
11 68 13 00-0392	EA	5000 Series Swing, 10'-High Beam, 2-Place, Anti-Wrap Hangers, Powdercoated Beam And Galvanized Legs, Uncoated Chain (Landscape Structures® 157113A)	2,438.87	136.44
11 68 13 00-0393	EA	5000 Series Swing, 10'-High Beam, 2-Place, Anti-Wrap Hangers, Powdercoated Beam And Galvanized Legs, TenderTuff-coated Chain (Landscape Structures® 157113B)	2,675.74	136.44
11 68 13 00-0394	EA	5000 Series Swing, 10'-High Beam, 2-Place, Anti-Wrap Hangers, Powdercoated Beam And Legs, Uncoated Chain (Landscape Structures® 157113C)	2,679.44	136.44
11 68 13 00-0395	EA	5000 Series Swing, 10'-High Beam, 2-Place, Anti-Wrap Hangers, Powdercoated Beam And Legs, TenderTuff-coated Chain (Landscape Structures® 157113D)	2,916.32	136.44
11 68 13 00-0396	EA	5000 Series Swing, Additional 2 PL Bay, 10'-High Beam, Anti-Wrap Hangers, Powdercoated Beam And Galvanized Legs, Uncoated Chain (Landscape Structures® 157114A)	1,501.65	68.23
11 68 13 00-0397	EA	5000 Series Swing, Additional 2 PL Bay, 10'-High Beam, Anti-Wrap Hangers, Powdercoated Beam And Galvanized Legs, TenderTuff-coated Chain (Landscape Structures® 157114B)	1,852.23	136.44
11 68 13 00-0398	EA	5000 Series Swing, Additional 2 PL Bay, 10'-High Beam, Anti-Wrap Hangers, Powdercoated Beam And Legs, Uncoated Chain (Landscape Structures® 157114C)	1,698.63	136.44
11 68 13 00-0399	EA	5000 Series Swing, Additional 2 PL Bay, 10'-High Beam, Anti-Wrap Hangers, Powdercoated Beam And Legs, TenderTuff-coated Chain (Landscape Structures® 157114D)	1,935.50	136.44
11 68 13 00-0400	EA	Motorcycle TuffRiders, With Torsion Spring, Surface Mount (Landscape Structures® 157286A)	2,161.28	136.44
11 68 13 00-0401	EA	Motorcycle TuffRiders, With Torsion Spring, Direct Bury (Landscape Structures® 157286B)	2,401.86	136.44
11 68 13 00-0402	EA	T-Rex TuffRiders, With Torsion Spring, Surface Mount (Landscape Structures® 157287A)	1,828.17	136.44
11 68 13 00-0403	EA	T-Rex TuffRiders, With Torsion Spring, Direct Bury (Landscape Structures® 157287B)	2,078.00	136.44
11 68 13 00-0404	EA	Bird TuffRiders, With Torsion Spring, Surface Mount (Landscape Structures® 157288A)	1,846.68	136.44
11 68 13 00-0405	EA	Bird TuffRiders, With Torsion Spring, Direct Bury (Landscape Structures® 157288B)	2,096.51	136.44
11 68 13 00-0406	EA	Horse TuffRiders, With Torsion Spring, Surface Mount (Landscape Structures® 157289A)	1,828.17	136.44
11 68 13 00-0407	EA	Horse TuffRiders, With Torsion Spring, Direct Bury (Landscape Structures® 157289B)	2,078.00	136.44
11 68 13 00-0408	EA	Car TuffRiders, With Torsion Spring, Surface Mount (Landscape Structures® 157290A)	2,161.28	136.44
11 68 13 00-0409	EA	Car TuffRiders, With Torsion Spring, Direct Bury (Landscape Structures® 157290B)	2,401.86	136.44
11 68 13 00-0410	EA	Zebra Whimsy Riders, With Torsion Spring, Surface Mount (Landscape Structures® 157291A)	1,985.47	136.44
11 68 13 00-0411	EA	Zebra Whimsy Riders, With Torsion Spring, Direct Bury (Landscape Structures® 157291B)	2,207.54	136.44
11 68 13 00-0412	EA	Sea Horse Whimsy Riders, With Torsion Spring, Surface Mount (Landscape Structures® 157292A)	2,096.51	136.44
11 68 13 00-0413	EA	Sea Horse Whimsy Riders, With Torsion Spring, Direct Bury (Landscape Structures® 157292B)	2,337.08	136.44
11 68 13 00-0414	EA	Dolphin Whimsy Riders, With Torsion Spring, SM (Landscape Structures® 157293A)	2,013.23	136.44
11 68 13 00-0415	EA	Dolphin Whimsy Riders, With Torsion Spring, Direct Bury (Landscape Structures® 157293B)	2,244.55	136.44
11 68 13 00-0416	EA	Kids In Motion, Wobble Pod Bouncer, (Direct Bury Only) (Landscape Structures® 158105A)	2,087.25	136.44
11 68 13 00-0417	EA	Chatter Noodle Kit, (2) Noodle Posts And Tubing, (Direct Bury Only) (Landscape Structures® 158106A)	2,883.01	136.44
11 68 13 00-0418	EA	8" Pod, Noodle Pod Steps With One E-Pod Step, (Direct Bury Only) (Landscape Structures® 158108A)	1,418.37	68.23
11 68 13 00-0419	EA	16" Pod, Noodle Pod Steps With One E-Pod Step, (Direct Bury Only) (Landscape Structures® 158108B)	1,427.63	68.23
11 68 13 00-0420	EA	24" Pod, Noodle Pod Steps With One E-Pod Step, (Direct Bury Only) (Landscape Structures® 158108C)	1,436.88	68.23
11 68 13 00-0421	EA	Single, Starburst Climber (Direct Bury Only) (Landscape Structures® 158426A)	2,586.92	136.44
11 68 13 00-0422	EA	Double, Starburst Climber (Direct Bury Only) (Landscape Structures® 158426B)	4,449.44	204.67
11 68 13 00-0423	EA	Triple, Starburst Climber (Direct Bury Only) (Landscape Structures® 158426C)	6,719.09	272.88
11 68 13 00-0424	EA	Quadruple, Starburst Climber (Direct Bury Only) (Landscape Structures® 158426D)	8,378.04	341.11
11 68 13 00-0425	EA	10", Pod Climber, One Pod Only (Landscape Structures® 158997A)	417.72	34.11
11 68 13 00-0426	EA	20", Pod Climber, One Pod Only (Landscape Structures® 158998A)	436.22	34.11
11 68 13 00-0427	EA	CoolToppers Shade System, Super Pyramid, 30' x 30', 13'-9" Entrance Height, (Direct Bury Only) (Landscape Structures® 159873A)	14,668.82	545.76
11 68 13 00-0428	EA	CoolToppers Shade System, Pyramid, 18' x 18', 8' Entrance Height, (Direct Bury Only) (Landscape Structures® 159881A)	7,755.43	272.88

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11 68 13 00-0429	EA	CoolToppers Shade System, Pyramid, 18' x 18', 10' Entrance Height, (Direct Bury Only) (Landscape Structures® 159881B)	8,007.92	341.11
11 68 13 00-0430	EA	CoolToppers Shade System, Pyramid, 18' x 18', 12' Entrance Height, (Direct Bury Only) (Landscape Structures® 159881C)	8,137.46	341.11
11 68 13 00-0431	EA	CoolToppers Shade System, Pyramid, 24' x 24', 8' Entrance Height, (Direct Bury Only) (Landscape Structures® 159882A)	9,895.53	341.11
11 68 13 00-0432	EA	CoolToppers Shade System, Pyramid, 24' x 24', 10' Entrance Height, (Direct Bury Only) (Landscape Structures® 159882B)	10,025.08	341.11
11 68 13 00-0433	EA	CoolToppers Shade System, Pyramid, 24' x 24', 12' Entrance Height, (Direct Bury Only) (Landscape Structures® 159882C)	10,173.12	341.11
11 68 13 00-0434	EA	CoolToppers Shade System, Pyramid, 28' x 28', 8' Entrance Height, (Direct Bury Only) (Landscape Structures® 159883A)	12,572.31	409.32
11 68 13 00-0435	EA	CoolToppers Shade System, Pyramid, 28' x 28', 10' Entrance Height, (Direct Bury Only) (Landscape Structures® 159883B)	12,720.36	409.32
11 68 13 00-0436	EA	CoolToppers Shade System, Pyramid, 28' x 28', 12' Entrance Height, (Direct Bury Only) (Landscape Structures® 159883C)	12,859.16	409.32
11 68 13 00-0437	EA	Stationary Cycler, Pedals Only, With Grab Bar, With Aluminum Posts (Landscape Structures® 160055A)	2,364.84	136.44
11 68 13 00-0438	EA	Stationary Cycler, Handles Only, With Aluminum Posts (Landscape Structures® 160055B)	2,040.99	136.44
11 68 13 00-0439	EA	Stationary Cycler, Pedals And Handles, With Aluminum Posts (Landscape Structures® 160055C)	2,947.78	136.44
11 68 13 00-0440	EA	Stationary Cycler, Handles Only, Accessible, With Aluminum Posts (Landscape Structures® 160055D)	2,040.99	136.44
11 68 13 00-0441	EA	Stationary Cycler, Pedals Only, With Grab Bar, With Steel Posts (Landscape Structures® 160055E)	2,309.32	136.44
11 68 13 00-0442	EA	Stationary Cycler, Handles Only, With Steel Posts (Landscape Structures® 160055F)	1,985.47	136.44
11 68 13 00-0443	EA	Stationary Cycler, Pedals And Handles, With Steel Posts (Landscape Structures® 160055G)	2,892.26	136.44
11 68 13 00-0444	EA	Stationary Cycler, Handles Only, Accessible, With Steel Posts (Landscape Structures® 160055H)	1,985.47	136.44
11 68 13 00-0445	EA	Single, Gyro Twister Spinner, Aluminum Posts (Landscape Structures® 160315A)	3,459.37	204.67
11 68 13 00-0446	EA	Single, Gyro Twister Spinner, Steel Posts (Landscape Structures® 160315B)	3,403.85	204.67
11 68 13 00-0447	EA	Double, Gyro Twister Spinner, Aluminum Posts (Landscape Structures® 160316A)	5,932.59	272.88
11 68 13 00-0448	EA	Double, Gyro Twister Spinner, Steel Posts (Landscape Structures® 160316B)	5,877.07	272.88
11 68 13 00-0449	EA	The Peak Natural Climber (Landscape Structures® 160418A)	8,581.61	341.11
11 68 13 00-0450	EA	The Stepper Natural Climbing Stone (Landscape Structures® 160419A)	4,347.66	204.67
11 68 13 00-0451	EA	Double Escalator Climber, Independent Climber, Steel Posts, (Direct Bury Only) (Landscape Structures® 160692A)	10,635.77	341.11
11 68 13 00-0452	EA	HealthBeat Outdoor Fitness System, Chest/Back Press, Direct Bury (Landscape Structures® 161309A)	7,847.96	272.88
11 68 13 00-0453	EA	HealthBeat Outdoor Fitness System, Chest/Back Press, Surface Mount (Landscape Structures® 161309B)	7,440.83	272.88
11 68 13 00-0454	EA	HealthBeat Outdoor Fitness System, Squat Press, Direct Bury (Landscape Structures® 161310A)	7,847.96	272.88
11 68 13 00-0455	EA	HealthBeat Outdoor Fitness System, Squat Press, Surface Mount (Landscape Structures® 161310B)	7,440.83	272.88
11 68 13 00-0456	EA	HealthBeat Outdoor Fitness System, Tai Chi Wheels, Direct Bury (Landscape Structures® 161311A)	4,245.88	204.67
11 68 13 00-0457	EA	HealthBeat Outdoor Fitness System, Tai Chi Wheels, Surface Mount (Landscape Structures® 161311B)	3,829.49	204.67
11 68 13 00-0458	EA	HealthBeat Outdoor Fitness System, Cardio Stepper, Direct Bury (Landscape Structures® 161312A)	9,812.26	341.11
11 68 13 00-0459	EA	HealthBeat Outdoor Fitness System, Cardio Stepper, Surface Mount (Landscape Structures® 161312B)	9,405.13	341.11
11 68 13 00-0460	EA	HealthBeat Outdoor Fitness System, Pull-Up/Dip, Direct Bury (Landscape Structures® 161313A)	3,829.49	204.67
11 68 13 00-0461	EA	HealthBeat Outdoor Fitness System, Pull-Up/Dip, Surface Mount (Landscape Structures® 161313B)	3,422.36	204.67
11 68 13 00-0462	EA	HealthBeat Outdoor Fitness System, Ab Crunch/Leg Lift, Direct Bury (Landscape Structures®161314A)	3,727.71	204.67
11 68 13 00-0463	EA	HealthBeat Outdoor Fitness System, Ab Crunch/Leg Lift, Surface Mount (Landscape Structures® 161314B)	3,422.36	204.67
11 68 13 00-0464	EA	HealthBeat Outdoor Fitness System, Balance Steps, Direct Bury (Landscape Structures® 161315A)	4,449.44	204.67
11 68 13 00-0465	EA	HealthBeat Outdoor Fitness System, Balance Steps, Surface Mount (Landscape Structures® 161315B)	4,653.01	204.67
11 68 13 00-0466	EA	HealthBeat Outdoor Fitness System, Assisted RoWith Push-Up, Direct Bury (Landscape Structures® 161316A)	3,524.14	204.67
11 68 13 00-0467	EA	HealthBeat Outdoor Fitness System, Assisted RoWith Push-Up, Surface Mount (Landscape Structures® 161316B)	3,422.36	204.67
11 68 13 00-0468	EA	HealthBeat Outdoor Fitness System, Plyometrics, Direct Bury (Landscape Structures® 161317A)	4,449.44	204.67
11 68 13 00-0469	EA	HealthBeat Outdoor Fitness System, Plyometrics, Surface Mount (Landscape Structures® 161317B)	4,653.01	204.67
11 68 13 00-0470	EA	HealthBeat Outdoor Fitness System, Welcome Intro Sign, Direct Bury (Landscape Structures® 161437A)	1,661.62	136.44
11 68 13 00-0471	EA	HealthBeat Outdoor Fitness System, Welcome Intro Sign, Surface Mount (Landscape Structures® 161437B)	1,140.78	68.23
11 68 13 00-0472	EA	Global Releaf Sign With Frame (Landscape Structures® 162617A)	1,020.49	68.23
11 68 13 00-0473	EA	Single, Bobble Riders With Coil Spring, Surface Mount (Landscape Structures® 164074A)	1,316.59	68.23
11 68 13 00-0474	EA	Single, Bobble Riders With Coil Spring, Direct Bury (Landscape Structures® 164074B)	1,680.12	136.44
11 68 13 00-0475	EA	Double, Bobble Riders With Coil Spring, Surface Mount (Landscape Structures® 164075A)	2,540.65	136.44
11 68 13 00-0476	EA	Double, Bobble Riders With Coil Spring, Direct Bury (Landscape Structures® 164075B)	2,725.71	136.44
11 68 13 00-0477	EA	16" Pod, Noodle Pod Steps With Two E-Pod Steps, (Direct Bury Only) (Landscape Structures® 164157A)	1,948.46	136.44
11 68 13 00-0478	EA	24" Pod, Noodle Pod Steps With Two E-Pod Steps, (Direct Bury Only) (Landscape Structures® 164157B)	1,966.96	136.44
11 68 13 00-0479		Playground Equipment (Landscape Structures® PlayBooster®) *(11 68 13 00-0009)*		
11 68 13 00-0480	EA	116" Aluminum Posts, End Vertical Ladder (Landscape Structures® PlayBooster® 111273A)	1,818.92	136.44
11 68 13 00-0481	EA	Log Roll, (1) Aluminum Post, Tan Log Only (Landscape Structures® PlayBooster® 111356A)	1,948.46	136.44
11 68 13 00-0482	EA	Chinning Bar, (1) Aluminum Post (Landscape Structures® PlayBooster® 111357A)	779.92	68.23
11 68 13 00-0483	EA	Turning Bar, (1) Aluminum Post (Landscape Structures® PlayBooster® 111357B)	742.90	68.23
11 68 13 00-0484	EA	182"/72" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403A)	593.52	34.11
11 68 13 00-0485	EA	174"/64" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403B)	584.27	34.11
11 68 13 00-0486	EA	166"/56" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403C)	556.51	34.11
11 68 13 00-0487	EA	158"/48" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403D)	547.26	34.11
11 68 13 00-0488	EA	150"/40" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403E)	519.50	34.11
11 68 13 00-0489	EA	142"/32" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403F)	510.25	34.11
11 68 13 00-0490	EA	134"/24" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403G)	491.74	34.11
11 68 13 00-0491	EA	126"/16" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403H)	482.49	34.11
11 68 13 00-0492	EA	118"/8" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403I)	454.73	34.11
11 68 13 00-0493	EA	110"/Ground Level, Posts For Roofs (Landscape Structures® PlayBooster® 111403J)	445.48	34.11
11 68 13 00-0494	EA	148"/72" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404A)	519.50	34.11
11 68 13 00-0495	EA	140"/64" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404B)	500.99	34.11
11 68 13 00-0496	EA	132"/56" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404C)	491.74	34.11
11 68 13 00-0497	EA	124"/48" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404D)	482.49	34.11
11 68 13 00-0498	EA	116"/40" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404E)	454.73	34.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0499	EA	108"/32" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404F)	445.48	34.11
11 68 13 00-0500	EA	100"/24" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404G)	436.22	34.11
11 68 13 00-0501	EA	92"/16" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404H)	417.72	34.11
11 68 13 00-0502	EA	84"/8" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404I)	399.21	34.11
11 68 13 00-0503	EA	76"/Ground Level, Posts For Decks (Landscape Structures® PlayBooster® 111404J)	371.45	34.11
11 68 13 00-0504	EA	106"/72" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 111405A)	733.65	68.23
11 68 13 00-0505	EA	98"/64" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 111405B)	705.89	68.23
11 68 13 00-0506	EA	90"/56" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 111405C)	678.13	68.23
11 68 13 00-0507	EA	82"/48" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 111405D)	602.78	34.11
11 68 13 00-0508	EA	74"/40" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 111405E)	593.52	34.11
11 68 13 00-0509	EA	66"/32" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 111405F)	575.02	34.11
11 68 13 00-0510	EA	58"/24" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 111405G)	547.26	34.11
11 68 13 00-0511	EA	50"/16" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 111405H)	538.01	34.11
11 68 13 00-0512	EA	42"/8" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 111405I)	519.50	34.11
11 68 13 00-0513	EA	ClouDirect Buryurst Triple Poly Slide, 64" - 72" Deck (Landscape Structures® PlayBooster® 144414A)	5,847.31	227.40
11 68 13 00-0514	EA	TurboTwister Tunnel Slide, 96" Deck, Excludes Posts (Landscape Structures® PlayBooster® 123763A)	7,565.18	613.99
11 68 13 00-0515	EA	Double Poly Slide, 32" Deck (Landscape Structures® PlayBooster® 123331A)	2,504.97	170.55
11 68 13 00-0516	EA	Double Poly Slide, 40" - 48" Deck (Landscape Structures® PlayBooster® 123331B)	2,773.31	170.55
11 68 13 00-0517	EA	Double Swoosh Poly Slide, 64" - 72" Deck (Landscape Structures® PlayBooster® 130390A)	3,218.79	204.67
11 68 13 00-0518	EA	40" Deck, El Slide (Landscape Structures® PlayBooster® 126368A)	3,921.35	193.30
11 68 13 00-0519	EA	48" Deck, El Slide (Landscape Structures® PlayBooster® 126368B)	4,467.95	204.67
11 68 13 00-0520	EA	56" Deck, El Slide (Landscape Structures® PlayBooster® 126368C)	4,727.03	204.67
11 68 13 00-0521	EA	64" Deck, El Slide (Landscape Structures® PlayBooster® 126368D)	5,292.13	227.40
11 68 13 00-0522	EA	72" Deck, El Slide (Landscape Structures® PlayBooster® 126368E)	5,541.96	227.40
11 68 13 00-0523	EA	96" Deck, El Slide, Excludes Posts (Landscape Structures® PlayBooster® 126368F)	7,413.73	295.62
11 68 13 00-0524	EA	Firepole With Permalene® Handholds 32" To 48" Deck (Landscape Structures® PlayBooster® 148426A)	1,161.95	136.44
11 68 13 00-0525	EA	Firepole With Permalene® Handholds 56" To 72" Deck (Landscape Structures® PlayBooster® 148426B)	1,189.71	136.44
11 68 13 00-0526	EA	Firepole With SteelX® Handholds 32" To 48" Deck (Landscape Structures® PlayBooster® 148435A)	1,569.08	136.44
11 68 13 00-0527	EA	Firepole With SteelX® Handholds 56" To 72" Deck (Landscape Structures® PlayBooster® 148435B)	1,615.35	136.44
11 68 13 00-0528	EA	32" Deck, Gemini SlideWinder2 (Landscape Structures® PlayBooster® 130800A)	5,928.66	409.32
11 68 13 00-0529	EA	40" Deck, Gemini SlideWinder2 (Landscape Structures® PlayBooster® 130800B)	6,835.45	409.32
11 68 13 00-0530	EA	48" Deck, Gemini SlideWinder2 (Landscape Structures® PlayBooster® 130800C)	7,362.88	409.32
11 68 13 00-0531	EA	56" Deck, Gemini SlideWinder2 (Landscape Structures® PlayBooster® 130800D)	8,700.64	545.76
11 68 13 00-0532	EA	64" Deck, Gemini SlideWinder2 (Landscape Structures® PlayBooster® 130800E)	8,913.45	545.76
11 68 13 00-0533	EA	72" Deck, Gemini SlideWinder2 (Landscape Structures® PlayBooster® 130800F)	10,412.44	545.76
11 68 13 00-0534	EA	96" Deck, Gemini SlideWinder2, Excludes Posts (Landscape Structures® PlayBooster® 130800G)	12,277.62	682.21
11 68 13 00-0535	EA	40" Deck, Rollerslide (Landscape Structures® PlayBooster® 123333A)	9,672.12	306.99
11 68 13 00-0536	EA	56" Deck, Rollerslide (Landscape Structures® PlayBooster® 123333B)	12,163.85	375.21
11 68 13 00-0537	EA	Single Poly Slide, 40" - 48" Deck (Landscape Structures® PlayBooster® 123337A)	2,133.52	136.44
11 68 13 00-0538	EA	32" Deck, SlideWinder2 (Landscape Structures® PlayBooster® 124863A)	2,830.17	204.67
11 68 13 00-0539	EA	40" Deck, SlideWinder2 (Landscape Structures® PlayBooster® 124863B)	3,154.02	204.67
11 68 13 00-0540	EA	48" Deck, SlideWinder2 (Landscape Structures® PlayBooster® 124863C)	3,514.89	204.67
11 68 13 00-0541	EA	56" Deck, SlideWinder2 (Landscape Structures® PlayBooster® 124863D)	3,989.46	272.88
11 68 13 00-0542	EA	64" Deck, SlideWinder2 (Landscape Structures® PlayBooster® 124863E)	4,156.01	272.88
11 68 13 00-0543	EA	72" Deck, SlideWinder2 (Landscape Structures® PlayBooster® 124863F)	4,748.20	272.88
11 68 13 00-0544	EA	96" Deck, SlideWinder2, Excludes Posts (Landscape Structures® PlayBooster® 124863G)	5,676.17	341.11
11 68 13 00-0545	EA	72" Deck, SpyroSlide (Landscape Structures® PlayBooster® 122033A)	8,449.47	511.65
11 68 13 00-0546	EA	72" Slide, With Hanger Bracket, 64" Deck, SpyroSlide (Landscape Structures® PlayBooster® 122033B)	8,771.32	466.18
11 68 13 00-0547	EA	56" Deck, SpyroSlide (Landscape Structures® PlayBooster® 122033C)	7,672.22	511.65
11 68 13 00-0548	EA	56" Slide, With Hanger Bracket, 48" Deck, SpyroSlide (Landscape Structures® PlayBooster® 122033D)	7,966.31	466.18
11 68 13 00-0549	EA	32" - 40" Deck, Stainless Steel Slide (Landscape Structures® PlayBooster® 123340A)	3,032.39	170.55
11 68 13 00-0550	EA	48" - 56" Deck, Stainless Steel Slide (Landscape Structures® PlayBooster® 123340B)	3,300.73	170.55
11 68 13 00-0551	EA	64" - 72" Deck, Stainless Steel Slide (Landscape Structures® PlayBooster® 123340C)	4,077.98	170.55
11 68 13 00-0552	EA	32" - 40" Deck, SteelX, Stainless Steel Slide (Landscape Structures® PlayBooster® 139945A)	3,356.25	170.55
11 68 13 00-0553	EA	48" - 56" Deck, SteelX, Stainless Steel Slide (Landscape Structures® PlayBooster® 139945B)	3,624.58	170.55
11 68 13 00-0554	EA	64" - 72" Deck, SteelX, Stainless Steel Slide (Landscape Structures® PlayBooster® 139945C)	4,420.34	170.55
11 68 13 00-0555	EA	32" Deck, Tunnel Slide (Landscape Structures® PlayBooster® 126367A)	3,421.02	170.55
11 68 13 00-0556	EA	40" Deck, Tunnel Slide (Landscape Structures® PlayBooster® 126367B)	3,624.58	170.55
11 68 13 00-0557	EA	48" Deck, Tunnel Slide (Landscape Structures® PlayBooster® 126367C)	4,171.18	193.30
11 68 13 00-0558	EA	56" Deck, Tunnel Slide (Landscape Structures® PlayBooster® 126367D)	4,412.43	204.67
11 68 13 00-0559	EA	64" Deck, Tunnel Slide (Landscape Structures® PlayBooster® 126367E)	4,930.60	204.67
11 68 13 00-0560	EA	72" Deck, Tunnel Slide (Landscape Structures® PlayBooster® 126367F)	5,106.41	204.67
11 68 13 00-0561	EA	96" Deck, Tunnel Slide, Excludes Posts (Landscape Structures® PlayBooster® 126367G)	6,737.60	272.88
11 68 13 00-0562	EA	Step Deck, 16" - 32" Decks, Brown Only (Landscape Structures® PlayBooster® 111465A)	1,224.06	68.23
11 68 13 00-0563	EA	Sky Rail Climber, 64" And 72" Decks, (64" Avail. For Direct Bury Only) (Landscape Structures® PlayBooster® 146812A)	2,159.95	102.33
11 68 13 00-0564	EA	Stepping Block Climber, 32" Deck Height Difference (Landscape Structures® PlayBooster® 130742A)	4,884.33	204.67
11 68 13 00-0565	EA	32" Deck, Block Climber (Landscape Structures® PlayBooster® 135344A)	3,156.02	261.51
11 68 13 00-0566	EA	40" Deck, Block Climber (Landscape Structures® PlayBooster® 135344B)	3,674.18	261.51
11 68 13 00-0567	EA	32" Deck, SteelX, Block Climber (Landscape Structures® PlayBooster® 139491A)	3,572.40	261.51
11 68 13 00-0568	EA	40" Deck, SteelX, Block Climber (Landscape Structures® PlayBooster® 139491B)	4,109.07	261.51
11 68 13 00-0569	EA	Fish Net Climber, CableCore Climbing Cable, 16" - 32" Deck (Landscape Structures® PlayBooster® 126194A)	3,875.08	193.30
11 68 13 00-0570	EA	Wavy Web Climber, 48" - 56" Deck (Landscape Structures® PlayBooster® 126273A)	3,801.73	204.67
11 68 13 00-0571	EA	Wavy Web Climber, 64" - 72" Deck (Landscape Structures® PlayBooster® 126273B)	4,079.32	204.67
11 68 13 00-0572	EA	Wavy Web Climber, 48" - 56" Deck, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 126442A)	4,578.98	204.67
11 68 13 00-0573	EA	Wavy Web Climber, 64" - 72" Deck, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 126442B)	4,847.32	204.67
11 68 13 00-0574	EA	Circus Ladder, CableCore Climbing Cable, 48" Deck (Landscape Structures® PlayBooster® 126272B)	1,849.35	204.67
11 68 13 00-0575	EA	Circus Ladder, CableCore Climbing Cable, 56" - 64" Deck (Landscape Structures® PlayBooster® 126272C)	1,951.13	204.67
11 68 13 00-0576	EA	Circus Ladder, CableCore Climbing Cable, 72" Deck (Landscape Structures® PlayBooster® 126272D)	2,080.67	204.67
11 68 13 00-0577	EA	Circus Ladder, CableCore Climbing Cable, 32" - 40" Deck, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 126441A)	2,515.57	204.67

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0578	EA	Circus Ladder, CableCore Climbing Cable, 48" Deck, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 126441B)	2,617.35	204.67
11 68 13 00-0579	EA	Circus Ladder, CableCore Climbing Cable, 56" - 64" Deck, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 126441C)	2,746.89	204.67
11 68 13 00-0580	EA	Circus Ladder, CableCore Climbing Cable, 72" Deck, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 126441D)	2,848.67	204.67
11 68 13 00-0581	EA	Spider Web Climber, 16" - 32" Decks (Direct Bury Only) (Landscape Structures® PlayBooster® 136158A)	4,081.99	272.88
11 68 13 00-0582	EA	Chimney Climber, 56" - 64" Deck (Landscape Structures® PlayBooster® 153617A)	5,247.86	272.88
11 68 13 00-0583	EA	Chimney Climber, 72" Deck (Landscape Structures® PlayBooster® 153617B)	5,932.59	272.88
11 68 13 00-0584	EA	Chimney Climb Across, Straight, 72" To 72" Deck Or 64" To 64" Deck (Landscape Structures® PlayBooster® 155042A)	7,422.32	272.88
11 68 13 00-0585	EA	Chimney Climb Across, Straight, 56" To 56" Deck (Landscape Structures® PlayBooster® 155042B)	6,700.59	272.88
11 68 13 00-0586	EA	Chimney Climb Across, Straight, 48" To 48" Deck Or 40" To 40" Deck (Landscape Structures® PlayBooster® 155042C)	5,932.59	272.88
11 68 13 00-0587	EA	Chimney Climb Across, Straight, 32" To 32" Deck (Landscape Structures® PlayBooster® 155042D)	5,136.83	272.88
11 68 13 00-0588	EA	Chimney Climb Across, 24" Difference, 72" To 48" Deck Or 64" To 40" Deck (Landscape Structures® PlayBooster® 155043A)	7,144.73	272.88
11 68 13 00-0589	EA	Chimney Climb Across, 24" Difference, 56" To 32" Deck (Landscape Structures® PlayBooster® 155043B)	6,700.59	272.88
11 68 13 00-0590	EA	Chimney Climb Across, 24" Difference, 48" To 24" Deck (Landscape Structures® PlayBooster® 155043C)	6,256.44	272.88
11 68 13 00-0591	EA	48" - 56" Deck, Cascade Climber (Direct Bury Only) (Landscape Structures® PlayBooster® 150975A)	3,154.02	204.67
11 68 13 00-0592	EA	64" - 72" Deck, Cascade Climber (Direct Bury Only) (Landscape Structures® PlayBooster® 150975B)	4,088.57	204.67
11 68 13 00-0593	EA	24" Deck Height Difference, Catwalk Climber (Landscape Structures® PlayBooster® 128986A)	2,458.71	170.55
11 68 13 00-0594	EA	48" - 56" Deck, Centipede Climber (Landscape Structures® PlayBooster® 123291A)	2,106.43	159.18
11 68 13 00-0595	EA	48" - 56" Deck, 90 Degree Tri-Deck, Centipede Climber (Landscape Structures® PlayBooster® 126376A)	2,828.16	159.18
11 68 13 00-0596	EA	48" - 56" Deck, SteelX, Centipede Climber (Landscape Structures® PlayBooster® 139496A)	2,504.31	159.18
11 68 13 00-0597	EA	40" Deck, 90 Degree Tri-Deck, Chain Ladder (Landscape Structures® PlayBooster® 153352A)	2,227.38	170.55
11 68 13 00-0598	EA	48" - 56" Deck, 90 Degree Tri-Deck, Chain Ladder (Landscape Structures® PlayBooster® 153352B)	2,338.42	170.55
11 68 13 00-0599	EA	64" - 72" Deck, 90 Degree Tri-Deck, Chain Ladder (Landscape Structures® PlayBooster® 153352C)	2,430.95	170.55
11 68 13 00-0600	EA	40" Deck, Chain Ladder (Landscape Structures® PlayBooster® 153350A)	1,413.12	170.55
11 68 13 00-0601	EA	48" - 56" Deck, Chain Ladder (Landscape Structures® PlayBooster® 153350B)	1,487.14	170.55
11 68 13 00-0602	EA	64" - 72" Deck, Chain Ladder (Landscape Structures® PlayBooster® 153350C)	1,607.43	170.55
11 68 13 00-0603	EA	40" Deck, SteelX, Chain Ladder, Direct Bury (Landscape Structures® PlayBooster® 153351A)	1,810.99	170.55
11 68 13 00-0604	EA	48" - 56" Deck, SteelX, Chain Ladder, Direct Bury (Landscape Structures® PlayBooster® 153351B)	1,885.02	170.55
11 68 13 00-0605	EA	64" - 72" Deck, SteelX, Chain Ladder, Direct Bury (Landscape Structures® PlayBooster® 153351C)	1,986.80	170.55
11 68 13 00-0606	EA	48" Deck, Cliff Climber (Landscape Structures® PlayBooster® 122570A)	2,430.95	170.55
11 68 13 00-0607	EA	56" Deck, Cliff Climber (Landscape Structures® PlayBooster® 122570B)	2,449.45	170.55
11 68 13 00-0608	EA	64" Deck, Cliff Climber (Landscape Structures® PlayBooster® 122570C)	2,884.34	170.55
11 68 13 00-0609	EA	72" Deck, Cliff Climber (Landscape Structures® PlayBooster® 122570D)	2,902.85	170.55
11 68 13 00-0610	EA	48" Deck, SteelX, Cliff Climber (Landscape Structures® PlayBooster® 139501A)	2,819.57	170.55
11 68 13 00-0611	EA	56" Deck, SteelX, Cliff Climber (Landscape Structures® PlayBooster® 139501B)	2,865.84	170.55
11 68 13 00-0612	EA	64" Deck, SteelX, Cliff Climber (Landscape Structures® PlayBooster® 139501C)	3,300.73	170.55
11 68 13 00-0613	EA	72" Deck, SteelX, Cliff Climber (Landscape Structures® PlayBooster® 139501D)	3,328.49	170.55
11 68 13 00-0614	EA	72" Deck, Conical Climber (Landscape Structures® PlayBooster® 143199A)	5,524.11	238.77
11 68 13 00-0615	EA	40" Deck, Conical Climber (Landscape Structures® PlayBooster® 143199B)	4,524.79	238.77
11 68 13 00-0616	EA	32" - 48" Deck, Corkscrew Climber (Landscape Structures® PlayBooster® 148432A)	1,587.59	136.44
11 68 13 00-0617	EA	56" - 72" Deck, Corkscrew Climber (Landscape Structures® PlayBooster® 148432B)	1,791.16	136.44
11 68 13 00-0618	EA	32" - 48" Deck, SteelX, Corkscrew Climber (Landscape Structures® PlayBooster® 148437A)	1,994.72	136.44
11 68 13 00-0619	EA	56" - 72" Deck, SteelX, Corkscrew Climber (Landscape Structures® PlayBooster® 148437B)	2,253.81	136.44
11 68 13 00-0620	EA	64" - 72" Deck, Corner Climber (Landscape Structures® PlayBooster® 143198A)	5,397.23	306.99
11 68 13 00-0621	EA	SpaceLink Climber, Net Climber, 72" Deck, (Steel Posts Required, Direct Bury Only) (Landscape Structures® PlayBooster® 145106A)	7,424.90	102.33
11 68 13 00-0622	EA	Manta Ray Climber, Net Climber, 48" Deck, (Steel Posts Required, Direct Bury Only) (Landscape Structures® PlayBooster® 145108A)	7,366.80	272.88
11 68 13 00-0623	EA	Manta Ray Climber, Net Climber, 56" Deck, (Steel Posts Required, Direct Bury Only) (Landscape Structures® PlayBooster® 145108B)	7,366.80	272.88
11 68 13 00-0624	EA	Manta Ray Climber, 64" Deck, (Steel Posts Required, Direct Bury Only) (Landscape Structures® PlayBooster® 145108C)	7,366.80	272.88
11 68 13 00-0625	EA	SpaceLink Climber, Net Climber, 48" Deck, (Steel Posts Required, Direct Bury Only) (Landscape Structures® PlayBooster® 145240A)	7,424.90	102.33
11 68 13 00-0626	EA	Star Seeker Climber, Net Climber, 72" Deck (Attaches To Square Decks Only, Steel Posts Required, Direct Bury Only) (Landscape Structures® PlayBooster® 148039A)	4,687.35	136.44
11 68 13 00-0627	EA	SpaceWalk Climber, Net Climber, Deck-To-Deck, 32" - 48" Deck (Landscape Structures® PlayBooster® 145107A)	9,591.44	136.44
11 68 13 00-0628	EA	Funnel Climber, Net Climber (Landscape Structures® PlayBooster® 145109A)	5,308.63	170.55
11 68 13 00-0629	EA	Funnel Climber, Short Brace, Net Climber (Landscape Structures® PlayBooster® 145248A)	241.91	34.11
11 68 13 00-0630	EA	Funnel Climber, Long Brace, Net Climber (Landscape Structures® PlayBooster® 145249A)	278.92	34.11
11 68 13 00-0631	EA	Funnel Climber, Vertical Ladder, Net Climber (Landscape Structures® PlayBooster® 145250A)	1,046.92	34.11
11 68 13 00-0632	EA	Funnel Climber, Handhold Panels, Net Climber (Landscape Structures® PlayBooster® 145251A)	371.45	34.11
11 68 13 00-0633	EA	40" Deck, Cozy Climber (Landscape Structures® PlayBooster® 123293A)	3,302.07	204.67
11 68 13 00-0634	EA	48" Deck, Cozy Climber (Landscape Structures® PlayBooster® 123293B)	3,542.65	204.67
11 68 13 00-0635	EA	40" Deck, 90 Degree Tri-Deck, Cozy Climber (Landscape Structures® PlayBooster® 126374A)	3,709.20	204.67
11 68 13 00-0636	EA	48" Deck, 90 Degree Tri-Deck, Cozy Climber (Landscape Structures® PlayBooster® 126374B)	4,051.56	204.67
11 68 13 00-0637	EA	40" Deck, SteelX, Cozy Climber (Landscape Structures® PlayBooster® 139500A)	3,709.20	204.67
11 68 13 00-0638	EA	48" Deck, SteelX, Cozy Climber (Landscape Structures® PlayBooster® 139500B)	3,977.54	204.67
11 68 13 00-0639	EA	1-Step With Barrier, Deck Links (Landscape Structures® PlayBooster® 152907A)	1,854.60	102.33
11 68 13 00-0640	EA	2-Steps With Barrier, Deck Links (Landscape Structures® PlayBooster® 152907B)	2,631.85	102.33
11 68 13 00-0641	EA	3-Steps With Barrier, Deck Links (Landscape Structures® PlayBooster® 152907C)	3,418.35	102.33
11 68 13 00-0642	EA	4-Steps With Barrier, Deck Links (Landscape Structures® PlayBooster® 152907D)	4,195.61	102.33
11 68 13 00-0643	EA	1-Step With Handrail, Deck Links (Landscape Structures® PlayBooster® 152908A)	1,789.83	102.33
11 68 13 00-0644	EA	2-Steps With Handrail, Deck Links (Landscape Structures® PlayBooster® 152908B)	2,048.91	102.33
11 68 13 00-0645	EA	3-Steps With Handrail, Deck Links (Landscape Structures® PlayBooster® 152908C)	2,317.25	102.33
11 68 13 00-0646	EA	4-Steps With Handrail, Deck Links (Landscape Structures® PlayBooster® 152908D)	2,428.28	102.33

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0647	EA	1-Step With Handrail, SteelX, Deck Links (Landscape Structures® PlayBooster® 152910A)	2,141.44	102.33
11 68 13 00-0648	EA	2-Steps With Handrail, SteelX, Deck Links (Landscape Structures® PlayBooster® 152910B)	2,419.03	102.33
11 68 13 00-0649	EA	3-Steps With Handrail, SteelX, Deck Links (Landscape Structures® PlayBooster® 152910C)	2,678.11	102.33
11 68 13 00-0650	EA	4-Steps With Handrail, SteelX, Deck Links (Landscape Structures® PlayBooster® 152910D)	2,937.20	102.33
11 68 13 00-0651	EA	48" To 48" Deck Or 56" To 56" Deck, Double Wave Climber (Landscape Structures® PlayBooster® 122916A)	5,070.71	238.77
11 68 13 00-0652	EA	64" To 64" Deck Or 72" To 72" Deck, Double Wave Climber (Landscape Structures® PlayBooster® 122916B)	5,200.26	238.77
11 68 13 00-0653	EA	48" To 64" Deck Or 56" To 72" Deck, Double Wave Climber (Landscape Structures® PlayBooster® 122916C)	5,126.23	238.77
11 68 13 00-0654	EA	48" To 48" Deck Or 56" To 56" Deck, SteelX, Double Wave Climber (Landscape Structures® PlayBooster® 139488A)	5,894.23	238.77
11 68 13 00-0655	EA	64" To 64" Deck Or 72" To 72" Deck, SteelX, Double Wave Climber (Landscape Structures® PlayBooster® 139488B)	6,023.77	238.77
11 68 13 00-0656	EA	48" To 64" Deck Or 56" To 72" Deck, SteelX, Double Wave Climber (Landscape Structures® PlayBooster® 139488C)	5,968.26	238.77
11 68 13 00-0657	EA	40" - 48" Deck, Loop Arch Climber (Landscape Structures® PlayBooster® 122914A)	1,968.30	170.55
11 68 13 00-0658	EA	56" Deck, Loop Arch Climber (Landscape Structures® PlayBooster® 122914B)	2,162.61	170.55
11 68 13 00-0659	EA	64" - 72" Deck, Loop Arch Climber (Landscape Structures® PlayBooster® 122914C)	2,366.17	170.55
11 68 13 00-0660	EA	40" - 48" Deck, 90 Degree Tri-Deck, Loop Arch Climber (Landscape Structures® PlayBooster® 125688A)	2,543.32	204.67
11 68 13 00-0661	EA	56" Deck, 90 Degree Tri-Deck, Loop Arch Climber (Landscape Structures® PlayBooster® 125688B)	2,746.89	204.67
11 68 13 00-0662	EA	64" - 72" Deck, 90 Degree Tri-Deck, Loop Arch Climber (Landscape Structures® PlayBooster® 125688C)	2,941.20	204.67
11 68 13 00-0663	EA	40" - 48" Deck, SteelX, Loop Arch Climber (Landscape Structures® PlayBooster® 139493A)	2,375.43	170.55
11 68 13 00-0664	EA	56" Deck, SteelX, Loop Arch Climber (Landscape Structures® PlayBooster® 139493B)	2,560.49	170.55
11 68 13 00-0665	EA	64" - 72" Deck, SteelX, Loop Arch Climber (Landscape Structures® PlayBooster® 139493C)	2,773.31	170.55
11 68 13 00-0666	EA	40" - 48" Deck, Loop Ladder (Landscape Structures® PlayBooster® 128252A)	1,365.52	136.44
11 68 13 00-0667	EA	40" - 48" Deck, SteelX, Loop Ladder (Landscape Structures® PlayBooster® 139495A)	1,772.65	136.44
11 68 13 00-0668	EA	32" - 48" Deck, Loop Pole (Landscape Structures® PlayBooster® 148434A)	1,587.59	136.44
11 68 13 00-0669	EA	56" - 72" Deck, Loop Pole (Landscape Structures® PlayBooster® 148434B)	1,717.13	136.44
11 68 13 00-0670	EA	32" - 48" Deck, SteelX, Loop Pole (Landscape Structures® PlayBooster® 148438A)	1,994.72	136.44
11 68 13 00-0671	EA	56" - 72" Deck, SteelX, Loop Pole (Landscape Structures® PlayBooster® 148438B)	2,105.76	136.44
11 68 13 00-0672	EA	24" Deck Height Difference, Panel Vertical Ladder, Deck-To-Deck Or Deck-To-Ground (Landscape Structures® PlayBooster® 116247A)	1,178.47	90.96
11 68 13 00-0673	EA	32" Deck Height Difference, Panel Vertical Ladder, Deck-To-Deck Or Deck-To-Ground (Landscape Structures® PlayBooster® 116247B)	1,298.75	90.96
11 68 13 00-0674	EA	40" Deck Height Difference, Panel Vertical Ladder, Deck-To-Deck Or Deck-To-Ground (Landscape Structures® PlayBooster® 116247C)	1,446.80	90.96
11 68 13 00-0675	EA	48" Deck Height Difference, Panel Vertical Ladder, Deck-To-Deck Or Deck-To-Ground (Landscape Structures® PlayBooster® 116247D)	1,734.31	102.33
11 68 13 00-0676	EA	56" Deck Height Difference, Panel Vertical Ladder, Deck-To-Deck Or Deck-To-Ground (Landscape Structures® PlayBooster® 116247E)	1,956.38	102.33
11 68 13 00-0677	EA	64" Deck Height Difference, Panel Vertical Ladder, Deck-To-Deck Or Deck-To-Ground (Landscape Structures® PlayBooster® 116247F)	2,159.95	102.33
11 68 13 00-0678	EA	72" Deck-To-Ground, Panel Vertical Ladder (Landscape Structures® PlayBooster® 116247G)	2,437.53	102.33
11 68 13 00-0679	EA	48" Deck Height Difference, Single Wave Climber (Landscape Structures® PlayBooster® 122915A)	2,539.32	102.33
11 68 13 00-0680	EA	64" Deck Height Difference, Single Wave Climber (Landscape Structures® PlayBooster® 122915B)	2,631.85	102.33
11 68 13 00-0681	EA	48" Deck Height Difference, SteelX, Single Wave Climber (Landscape Structures® PlayBooster® 139487A)	2,946.45	102.33
11 68 13 00-0682	EA	64" Deck Height Difference, SteelX, Single Wave Climber (Landscape Structures® PlayBooster® 139487B)	3,048.23	102.33
11 68 13 00-0683	EA	48" - 56" Deck, Snake Climber (Landscape Structures® PlayBooster® 122913A)	2,514.22	170.55
11 68 13 00-0684	EA	64" - 72" Deck, Snake Climber (Landscape Structures® PlayBooster® 122913B)	2,634.51	170.55
11 68 13 00-0685	EA	48" - 56" Deck, 90 Degree Tri-Deck, Snake Climber (Landscape Structures® PlayBooster® 126375A)	3,440.87	204.67
11 68 13 00-0686	EA	64" - 72" Deck, 90 Degree Tri-Deck, Snake Climber (Landscape Structures® PlayBooster® 126375B)	3,588.91	204.67
11 68 13 00-0687	EA	48" - 56" Deck, SteelX, Snake Climber (Landscape Structures® PlayBooster® 139490A)	2,921.35	170.55
11 68 13 00-0688	EA	64" - 72" Deck, SteelX, Snake Climber (Landscape Structures® PlayBooster® 139490B)	3,032.39	170.55
11 68 13 00-0689	EA	32" Deck, Spiral Climber (Landscape Structures® PlayBooster® 122533A)	1,337.76	136.44
11 68 13 00-0690	EA	40" - 48" Deck, Spiral Climber (Landscape Structures® PlayBooster® 122533B)	1,791.16	136.44
11 68 13 00-0691	EA	56" - 64" Deck, Spiral Climber (Landscape Structures® PlayBooster® 122533C)	2,254.48	159.18
11 68 13 00-0692	EA	72" Deck, Spiral Climber (Landscape Structures® PlayBooster® 122533D)	2,717.13	159.18
11 68 13 00-0693	EA	32" Deck, Step Ladder, Direct Bury (Landscape Structures® PlayBooster® 116246A)	2,170.53	136.44
11 68 13 00-0694	EA	40" Deck, Step Ladder, Direct Bury (Landscape Structures® PlayBooster® 116246B)	2,309.32	136.44
11 68 13 00-0695	EA	48" - 56" Deck, Step Ladder, Direct Bury (Landscape Structures® PlayBooster® 116246C)	2,633.18	136.44
11 68 13 00-0696	EA	64" - 72" Deck, Step Ladder, Direct Bury (Landscape Structures® PlayBooster® 116246D)	2,957.04	136.44
11 68 13 00-0697	EA	32" Deck, SteelX, Step Ladder, Direct Bury (Landscape Structures® PlayBooster® 139492A)	2,586.92	136.44
11 68 13 00-0698	EA	40" Deck, SteelX, Step Ladder, Direct Bury (Landscape Structures® PlayBooster® 139492B)	2,716.46	136.44
11 68 13 00-0699	EA	48" - 56" Deck, SteelX, Step Ladder, Direct Bury (Landscape Structures® PlayBooster® 139492C)	3,040.31	136.44
11 68 13 00-0700	EA	64" - 72" Deck, SteelX, Step Ladder, Direct Bury (Landscape Structures® PlayBooster® 139492D)	3,373.42	136.44
11 68 13 00-0701	EA	Mini Summit Climber 40" To 48" Decks (Landscape Structures® PlayBooster® 153076A)	1,619.87	204.67
11 68 13 00-0702	EA	64" And 72" Decks, (64" Avail. For Direct Bury Only) (Landscape Structures® PlayBooster® 128608A)	1,902.19	136.44
11 68 13 00-0703	EA	PlayOdyssey 72" Deck (Landscape Structures® PlayBooster® 129453A)	2,089.93	204.67
11 68 13 00-0704	EA	48" Deck-To-Ground, Thunderhead Climber With Aluminum Posts (Landscape Structures® PlayBooster® 139778A)	8,487.82	545.76
11 68 13 00-0705	EA	48" Deck-To-Ground, Thunderhead Climber With Steel Posts (Landscape Structures® PlayBooster® 139778B)	8,487.82	545.76
11 68 13 00-0706	EA	48" Deck, Vertical Ascent Climber (Landscape Structures® PlayBooster® 145624A)	1,698.63	136.44
11 68 13 00-0707	EA	56" Deck, Vertical Ascent Climber (Landscape Structures® PlayBooster® 145624B)	1,698.63	136.44
11 68 13 00-0708	EA	64" Deck, Vertical Ascent Climber (Landscape Structures® PlayBooster® 145624C)	1,874.43	136.44
11 68 13 00-0709	EA	72" Deck, Vertical Ascent Climber (Landscape Structures® PlayBooster® 145624D)	1,874.43	136.44
11 68 13 00-0710	EA	24" - 32" Deck, Vertical Ladder (Landscape Structures® PlayBooster® 116249A)	1,095.85	102.33
11 68 13 00-0711	EA	40" - 48" Deck, Vertical Ladder (Landscape Structures® PlayBooster® 116249B)	1,179.13	102.33
11 68 13 00-0712	EA	56" Deck, Vertical Ladder (Landscape Structures® PlayBooster® 116249C)	1,234.65	102.33
11 68 13 00-0713	EA	64" - 72" Deck, Vertical Ladder (Landscape Structures® PlayBooster® 116249D)	1,308.67	102.33
11 68 13 00-0714	EA	24" - 32" Deck, 90 Degree Tri-Deck, Vertical Ladder (Landscape Structures® PlayBooster® 126372A)	1,715.80	102.33
11 68 13 00-0715	EA	40" - 48" Deck, 90 Degree Tri-Deck, Vertical Ladder (Landscape Structures® PlayBooster® 126372B)	1,789.83	102.33
11 68 13 00-0716	EA	56" Deck, 90 Degree Tri-Deck, Vertical Ladder (Landscape Structures® PlayBooster® 126372C)	1,854.60	102.33
11 68 13 00-0717	EA	64" - 72" Deck, 90 Degree Tri-Deck, Vertical Ladder (Landscape Structures® PlayBooster® 126372D)	1,937.87	102.33
11 68 13 00-0718	EA	24" - 32" Deck, SteelX, Vertical Ladder (Landscape Structures® PlayBooster® 139494A)	1,493.73	102.33

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0719	EA	40" - 48" Deck, SteelX, Vertical Ladder (Landscape Structures® PlayBooster® 139494B)	1,549.25	102.33
11 68 13 00-0720	EA	56" Deck, SteelX, Vertical Ladder (Landscape Structures® PlayBooster® 139494C)	1,632.52	102.33
11 68 13 00-0721	EA	64" - 72" Deck, SteelX, Vertical Ladder (Landscape Structures® PlayBooster® 139494D)	1,715.80	102.33
11 68 13 00-0722	EA	56" Deck, Wiggle Ladder (Landscape Structures® PlayBooster® 123284D)	1,274.32	170.55
11 68 13 00-0723	EA	64" Deck, Wiggle Ladder (Landscape Structures® PlayBooster® 123284E)	1,320.59	170.55
11 68 13 00-0724	EA	72" Deck, Wiggle Ladder (Landscape Structures® PlayBooster® 123284F)	1,403.86	170.55
11 68 13 00-0725	EA	32" Deck, 90 Degree Tri-Deck, Wiggle Ladder (Landscape Structures® PlayBooster® 126371A)	1,773.98	170.55
11 68 13 00-0726	EA	40" Deck, 90 Degree Tri-Deck, Wiggle Ladder (Landscape Structures® PlayBooster® 126371B)	1,848.01	170.55
11 68 13 00-0727	EA	48" Deck, 90 Degree Tri-Deck, Wiggle Ladder (Landscape Structures® PlayBooster® 126371C)	1,903.53	170.55
11 68 13 00-0728	EA	56" Deck, 90 Degree Tri-Deck, Wiggle Ladder (Landscape Structures® PlayBooster® 126371D)	1,968.30	170.55
11 68 13 00-0729	EA	64" Deck, 90 Degree Tri-Deck, Wiggle Ladder (Landscape Structures® PlayBooster® 126371E)	2,033.07	170.55
11 68 13 00-0730	EA	72" Deck, 90 Degree Tri-Deck, Wiggle Ladder (Landscape Structures® PlayBooster® 126371F)	2,097.84	170.55
11 68 13 00-0731	EA	32" Deck, SteelX, Wiggle Ladder (Landscape Structures® PlayBooster® 139502A)	1,487.14	170.55
11 68 13 00-0732	EA	40" Deck, SteelX, Wiggle Ladder (Landscape Structures® PlayBooster® 139502B)	1,561.16	170.55
11 68 13 00-0733	EA	48" Deck, SteelX, Wiggle Ladder (Landscape Structures® PlayBooster® 139502C)	1,607.43	170.55
11 68 13 00-0734	EA	56" Deck, SteelX, Wiggle Ladder (Landscape Structures® PlayBooster® 139502D)	1,653.69	170.55
11 68 13 00-0735	EA	64" Deck, SteelX, Wiggle Ladder (Landscape Structures® PlayBooster® 139502E)	1,709.21	170.55
11 68 13 00-0736	EA	72" Deck, SteelX, Wiggle Ladder (Landscape Structures® PlayBooster® 139502F)	1,792.49	170.55
11 68 13 00-0737	EA	Overhead Events Air Dancer Overhead Event, Max. 32" Decks (Landscape Structures® PlayBooster® 121952A)	2,540.65	136.44
11 68 13 00-0738	EA	Overhead Events Swing Out Overhead Event, 16" Deck Height Only (Landscape Structures® PlayBooster® 120872A)	1,789.83	102.33
11 68 13 00-0739	EA	Overhead Events Triple Ring Fling Overhead Event, 24" Or 32" Deck-To-Ground (Landscape Structures® PlayBooster® 123824A)	3,588.91	204.67
11 68 13 00-0740	EA	Overhead Events Ring Pull, Brown Rings Only, Intended For Wheelchair Users (Landscape Structures® PlayBooster® 130873A)	900.20	68.23
11 68 13 00-0741	EA	Overhead Events 90 Degree Horizontal Ladder, Max. 32" Decks (Landscape Structures® PlayBooster® 142890A)	2,540.65	136.44
11 68 13 00-0742	EA	Overhead Events Circular Horizontal Ladder, Max. 32" Decks (Landscape Structures® PlayBooster® 142891A)	4,569.73	204.67
11 68 13 00-0743	EA	Overhead Events C-Horizontal Ladder, Max. 32" Decks (Landscape Structures® PlayBooster® 142883A)	3,624.58	170.55
11 68 13 00-0744	EA	Overhead Events Ring-a-Ling Overhead Event, Max. 32" Decks (Landscape Structures® PlayBooster® 126203A)	3,440.87	204.67
11 68 13 00-0745	EA	Overhead Events Wave Net, CableCore Climbing Cable, Max. 32" Decks (Landscape Structures® PlayBooster® 126274A)	3,846.65	170.55
11 68 13 00-0746	EA	Overhead Events Trapeze Horizontal Ladder, 18" Wide, Max. 32" Decks (Landscape Structures® PlayBooster® 111468A)	2,486.46	170.55
11 68 13 00-0747	EA	Overhead Events Inclined Horizontal Ladder, 16" - 32" Decks, 16" Incline (Landscape Structures® PlayBooster® 142889A)	1,575.67	68.23
11 68 13 00-0748	EA	Overhead Events Horizontal Ladder, Max. 32" Decks (Landscape Structures® PlayBooster® 142887A)	1,538.66	68.23
11 68 13 00-0749	EA	Overhead Events Overhead Parallel Bars, Max. 32" Decks (Landscape Structures® PlayBooster® 119430A)	1,621.94	68.23
11 68 13 00-0750	EA	Overhead Events Horizontal Ladder, 84" Module, Max. 16" Decks, 12" Max. Rung Spacing (Landscape Structures® PlayBooster® 139782A)	1,251.82	68.23
11 68 13 00-0751	EA	Overhead Events Wave Horizontal Ladder, Max. 32" Decks (Landscape Structures® PlayBooster® 119613A)	1,732.98	68.23
11 68 13 00-0752	EA	Overhead Events Single Beam Loop Horizontal Ladder, 84" Module, Max. 32" Decks (Landscape Structures® PlayBooster® 119805A)	1,390.61	68.23
11 68 13 00-0753	EA	Overhead Events Single Beam Loop Horizontal Ladder, 123" Module, Max. 32" Decks (Landscape Structures® PlayBooster® 119806A)	1,769.99	68.23
11 68 13 00-0754	EA	Overhead Events S-Horizontal Ladder, Max. 32" Decks (Landscape Structures® PlayBooster® 142884A)	3,624.58	170.55
11 68 13 00-0755	EA	Overhead Events Single S-Parallel Bar, Max. 32" Decks (Landscape Structures® PlayBooster® 119979A)	1,538.66	68.23
11 68 13 00-0756	EA	Overhead Events Wiggle Ring Bridge, Max. 32" Decks (Landscape Structures® PlayBooster® 148639A)	2,656.94	34.11
11 68 13 00-0757	EA	Overhead Events S-Ring Bridge, With (2) 2" Crossovers, Max. 32" Decks, Brown Rings Only (Landscape Structures® PlayBooster® 111467A)	2,280.23	102.33
11 68 13 00-0758	EA	Overhead Events Ring Bridge, With (2) 2" Crossovers, Max. 32" Decks, Brown Rings Only (Landscape Structures® PlayBooster® 111467B)	2,021.15	102.33
11 68 13 00-0759	EA	116" Steel Posts, End Vertical Ladder (Landscape Structures® PlayBooster® 111273B)	1,735.64	136.44
11 68 13 00-0760	EA	132" Steel Posts, End Vertical Ladder (For Use With Ring Bridges) (Landscape Structures® PlayBooster® 116208B)	1,828.17	136.44
11 68 13 00-0761	EA	10' Module, Track Ride Without Supports, With (2) Crossovers, Max. 16" Decks (Landscape Structures® PlayBooster® 111353A)	3,410.43	136.44
11 68 13 00-0762	EA	18' Module, Track Ride Without Supports, With (2) Crossovers, Max. 16" Decks (Landscape Structures® PlayBooster® 112465A)	3,836.07	136.44
11 68 13 00-0763	EA	16" - 24" Decks, Spring Across Bridge (Landscape Structures® PlayBooster® 136156A)	4,879.07	306.99
11 68 13 00-0764	EA	90 Degree, 8" - 72" Decks, Curved Bridge, Bridge Planks Brown Only (Landscape Structures® PlayBooster® 120211A)	6,203.59	341.11
11 68 13 00-0765	EA	C Or S, 8" - 72" Decks, Curved Bridge, Bridge Planks Brown Only (Landscape Structures® PlayBooster® 120689A)	13,434.25	682.21
11 68 13 00-0766	EA	16" To 32" Deck, Pod Bridge, Direct Bury (Landscape Structures® PlayBooster® 127234A)	7,362.88	409.32
11 68 13 00-0767	EA	42" Module, Arch Bridge, Permalene Barrier, Bridge Plank (Landscape Structures® PlayBooster® 114665A)	2,917.36	68.23
11 68 13 00-0768	EA	42" Module, Arch Bridge, SteelX, Bridge Plank (Landscape Structures® PlayBooster® 139383A)	3,111.67	68.23
11 68 13 00-0769	EA	123" Module, Arch Bridge With Guardrail, Max. 40" Decks (Landscape Structures® PlayBooster® 143677A)	5,678.75	170.55
11 68 13 00-0770	EA	123" Module, Arch Bridge With Barrier, Max. 72" Decks (Landscape Structures® PlayBooster® 143677B)	7,316.53	170.55
11 68 13 00-0771	EA	42" Module, Belt Bridge, Permalene Barrier (Landscape Structures® PlayBooster® 114373A)	2,974.21	102.33
11 68 13 00-0772	EA	84" Module, 24" - 48" Decks, Belt Bridge (Landscape Structures® PlayBooster® 120310A)	4,498.37	272.88
11 68 13 00-0773	EA	123" Module, 24" - 48" Decks, Belt Bridge (Landscape Structures® PlayBooster® 120624A)	5,201.60	272.88
11 68 13 00-0774	EA	Bridge/Ramp Transition Bracket, Brown Only (Landscape Structures® PlayBooster® 111345A)	445.48	34.11
11 68 13 00-0775	EA	Ramp Exit/Wall Mount Plate, Surface Mount, Brown Only (Landscape Structures® PlayBooster® 111346A)	670.21	102.33
11 68 13 00-0776	EA	Ramp Exit Plate, Direct Bury, Brown Only (Landscape Structures® PlayBooster® 111346B)	818.26	102.33
11 68 13 00-0777	EA	Ramp Berm Exit Plate, Brown Only (Landscape Structures® PlayBooster® 120325A)	651.71	102.33
11 68 13 00-0778	EA	84" Module, Clatterbridge, Brown Planks Only, With Handrails For 24" - 48" Decks (Landscape Structures® PlayBooster® 143194A)	4,856.57	204.67
11 68 13 00-0779	EA	123" Module, Clatterbridge, Brown Planks Only, With Handrails For 24" - 48" Decks (Landscape Structures® PlayBooster® 143195A)	6,153.32	238.77
11 68 13 00-0780	EA	84" Module, Clatterbridge, Brown Planks Only, With Barrier For 24" To 72" Decks (Landscape Structures® PlayBooster® 147424A)	6,975.51	204.67

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0781	EA	123" Module, Clatterbridge, Brown Planks Only, With Barrier For 24" To 72" Decks (Landscape Structures® PlayBooster® 147425A)	8,530.01	204.67
11 68 13 00-0782	EA	84" Module, Disc Challenge, Max. 24" Decks, With 2 Handhold Panels (Landscape Structures® PlayBooster® 120873A)	4,238.03	477.55
11 68 13 00-0783	EA	123" Module, Disc Challenge, Max. 24" Decks, With 2 Handhold Panels (Landscape Structures® PlayBooster® 121416A)	5,869.22	545.76
11 68 13 00-0784	EA	S-Disc Challenge, 123" Module, Disc Challenge, Max. 24" Decks, With 2 Handhold Panels (Landscape Structures® PlayBooster® 136157A)	5,869.22	545.76
11 68 13 00-0785	EA	16" Deck Height Difference, Peek And Creep Ramp, Brown Wire Plank Only, With Barriers (Landscape Structures® PlayBooster® 152443A)	4,351.57	68.23
11 68 13 00-0786	EA	16" Deck Height Difference, Peek And Creep Ramp, Brown Wire Plank Only, With Guardrails (Landscape Structures® PlayBooster® 152444A)	2,843.34	68.23
11 68 13 00-0787	EA	Wire Crawl Tunnel (Landscape Structures® PlayBooster® 119641A)	3,275.63	238.77
11 68 13 00-0788	EA	64" Straight, 8" - 72" Decks, Crawl Tunnel (Landscape Structures® PlayBooster® 126204B)	3,623.25	136.44
11 68 13 00-0789	EA	90 Degree Curved, 8" - 72" Deck, Crawl Tunnel (Landscape Structures® PlayBooster® 142892A)	4,298.72	136.44
11 68 13 00-0790	EA	32" Straight, 8" - 72" Decks, Crawl Tunnel (Landscape Structures® PlayBooster® 126204A)	2,771.98	136.44
11 68 13 00-0791	EA	C-Inclined, 16" Deck Height Difference, Crawl Tunnel, 30" Diameter, Permalene Panels, Maximum 48" Decks, Deck-To-Deck Applications (Landscape Structures® PlayBooster® 117088A)	7,070.71	272.88
11 68 13 00-0792	EA	S-Inclined, 16" Deck Height Difference, Crawl Tunnel, 30" Diameter, Permalene Panels, Maximum 48" Decks, Deck-To-Deck Applications (Landscape Structures® PlayBooster® 117088B)	7,070.71	272.88
11 68 13 00-0793	EA	C-Straight, Crawl Tunnel, 30" Diameter, Permalene Panels, Maximum 48" Decks, Deck-To-Deck Applications (Landscape Structures® PlayBooster® 117089A)	7,070.71	272.88
11 68 13 00-0794	EA	S-Straight, Crawl Tunnel, 30" Diameter, Permalene Panels, Maximum 48" Decks, Deck-To-Deck Applications (Landscape Structures® PlayBooster® 117089B)	7,070.71	272.88
11 68 13 00-0795	EA	24" Deck Height Difference, Offset Crawl Tunnel (Landscape Structures® PlayBooster® 129042A)	4,524.79	238.77
11 68 13 00-0796	EA	8" Deck Height Difference, Offset Crawl Tunnel (Landscape Structures® PlayBooster® 119930A)	4,006.62	238.77
11 68 13 00-0797	EA	16" Deck Height Difference, Offset Crawl Tunnel (Landscape Structures® PlayBooster® 122589A)	4,136.16	238.77
11 68 13 00-0798	EA	Math Panel, Red Discs Only, Enclosure (Landscape Structures® PlayBooster® 115232A)	2,214.80	90.96
11 68 13 00-0799	EA	Spelling Panel, Red Discs Only, Enclosure (Landscape Structures® PlayBooster® 115233A)	2,103.77	90.96
11 68 13 00-0800	EA	Gear Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 117146A)	2,482.47	68.23
11 68 13 00-0801	EA	Hourglass Panel, Enclosure (Landscape Structures® PlayBooster® 123319A)	1,918.04	68.23
11 68 13 00-0802	EA	Image Panel, 176 Play Blocks, Enclosure (Landscape Structures® PlayBooster® 127681A)	1,844.68	90.96
11 68 13 00-0803	EA	Slant Window Panel, Enclosure (Landscape Structures® PlayBooster® 115222A)	1,705.89	90.96
11 68 13 00-0804	EA	Bubble Panel, Enclosure (Landscape Structures® PlayBooster® 115223A)	1,131.53	68.23
11 68 13 00-0805	EA	Puppet Panel, Enclosure (Landscape Structures® PlayBooster® 115225A)	835.43	68.23
11 68 13 00-0806	EA	Zoo Panel, Enclosure (Landscape Structures® PlayBooster® 115227A)	844.69	68.23
11 68 13 00-0807	EA	Ball Maze Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 115236A)	1,621.94	68.23
11 68 13 00-0808	EA	Match 4 Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 127678A)	1,317.26	90.96
11 68 13 00-0809	EA	Finger Maze Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 115229A)	1,011.24	68.23
11 68 13 00-0810	EA	Tracing Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 115230A)	1,011.24	68.23
11 68 13 00-0811	EA	Mirror Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 115234A)	1,538.66	68.23
11 68 13 00-0812	EA	Pilot Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 119514A)	1,473.89	68.23
11 68 13 00-0813	EA	Space Travel Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 123483A)	1,742.23	68.23
11 68 13 00-0814	EA	Braille And Clock Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 123844A)	2,075.34	68.23
11 68 13 00-0815	EA	Chimes Panel, Enclosure (Landscape Structures® PlayBooster® 115243A)	1,918.04	68.23
11 68 13 00-0816	EA	Puppet Panel With Window Above Deck, Enclosure (Landscape Structures® PlayBooster® 115226A)	1,029.75	68.23
11 68 13 00-0817	EA	Balcony Deck, Brown Tenderdeck Only (Landscape Structures® PlayBooster® 111240A)	1,725.05	102.33
11 68 13 00-0818	EA	Balcony Deck, With Wheel, Brown Tenderdeck Only (Landscape Structures® PlayBooster® 111240B)	1,984.14	102.33
11 68 13 00-0819	EA	Driver Panel, SteelX, Above Deck (Landscape Structures® PlayBooster® 139382A)	1,251.82	68.23
11 68 13 00-0820	EA	Driver Panel, SteelX, Below Deck (Landscape Structures® PlayBooster® 139382B)	1,446.13	68.23
11 68 13 00-0821	EA	Driver Panel, (2-Color Permalene) (Landscape Structures® PlayBooster® 115228A)	1,159.29	68.23
11 68 13 00-0822	EA	Storefront Panel, SteelX, Ground-Level Panel (Landscape Structures® PlayBooster® 139378A)	974.23	68.23
11 68 13 00-0823	EA	Hole Panel (SteelX®), Ground-Level Panel (Landscape Structures® PlayBooster® 139381A)	927.96	68.23
11 68 13 00-0824	EA	Slant Entrance Panel, 24" Diameter, Ground-Level Panel (Landscape Structures® PlayBooster® 115242A)	1,596.18	125.07
11 68 13 00-0825	EA	Sand And Water Panel, Ground-Level Panel, Tan Dish Only (Landscape Structures® PlayBooster® 115257A)	2,141.44	102.33
11 68 13 00-0826	EA	Table Panel, Ground-Level Panel (Landscape Structures® PlayBooster® 130565A)	1,456.06	90.96
11 68 13 00-0827	EA	Hole Panel (Permalene®), Ground-Level Panel (Landscape Structures® PlayBooster® 115253A)	835.43	68.23
11 68 13 00-0828	EA	Storefront Panel, Ground-Level Panel (Landscape Structures® PlayBooster® 115254A)	863.19	68.23
11 68 13 00-0829	EA	2 Panels, Handhold Panel (Landscape Structures® PlayBooster® 127953A)	417.72	34.11
11 68 13 00-0830	EA	1 Panel, Handhold Panel (Landscape Structures® PlayBooster® 127953B)	209.78	22.74
11 68 13 00-0831	EA	House Panel (SteelX®) Above Deck (Landscape Structures® PlayBooster® 139380A)	1,093.86	56.85
11 68 13 00-0832	EA	House Panel, SteelX, Below Deck (Landscape Structures® PlayBooster® 139380B)	1,307.34	68.23
11 68 13 00-0833	EA	House Panel, (2-Color Permalene) (Landscape Structures® PlayBooster® 115235A)	946.47	68.23
11 68 13 00-0834	EA	Periscope Panel, SteelX, Above Deck (Landscape Structures® PlayBooster® 139379A)	2,380.68	68.23
11 68 13 00-0835	EA	Periscope Panel, (2-Color Permalene) (Landscape Structures® PlayBooster® 117957A)	2,075.34	68.23
11 68 13 00-0836	EA	Periscope Panel, SteelX, Below Deck (Landscape Structures® PlayBooster® 139379B)	2,593.50	68.23
11 68 13 00-0837	EA	Pipe Barrier Above Deck, Without Wheel (Landscape Structures® PlayBooster® 116244A)	863.19	68.23
11 68 13 00-0838	EA	Pipe Barrier, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 117680A)	928.63	90.96
11 68 13 00-0839	EA	Pipe Barrier Above Deck, With Wheel (Landscape Structures® PlayBooster® 116244B)	1,103.77	68.23
11 68 13 00-0840	EA	Pipe Barrier, With Wheel, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 117680B)	1,187.72	90.96
11 68 13 00-0841	EA	Pipe Barrier, (For TurboTwister Tunnel Slide) (Landscape Structures® PlayBooster® 125921A)	918.71	68.23
11 68 13 00-0842	EA	Pipe Barrier, With Wheel, (For TurboTwister Tunnel Slide) (Landscape Structures® PlayBooster® 125921B)	1,177.80	68.23
11 68 13 00-0843	EA	Pipe Guardrail (Landscape Structures® PlayBooster® 116245A)	742.90	68.23
11 68 13 00-0844	EA	Pipe Guardrail, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 117681A)	947.14	90.96
11 68 13 00-0845	EA	Wheelchair Accessible Navigator Reach Panel, (2-Color Permalene) (Landscape Structures® PlayBooster® 127439A)	898.87	34.11
11 68 13 00-0846	EA	Wheelchair Accessible Trail Tracker Reach Panel, (2-Color Permalene) (Landscape Structures® PlayBooster® 127440A)	644.88	34.11
11 68 13 00-0847	EA	Wheelchair Accessible Image Reach Panel, 75 Play Blocks (Landscape Structures® PlayBooster® 129043A)	1,176.46	34.11
11 68 13 00-0848	EA	Wheelchair Accessible Periscope Reach Panel, (2-Color Permalene) (Landscape Structures® PlayBooster® 135729A)	1,991.40	56.85

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11 68 13 00-0849	EA	Wheelchair Accessible Match 3 Reach Panel, (2-Color Permalene) (Landscape Structures® PlayBooster® 135730A)	1,075.35	56.85
11 68 13 00-0850	EA	Wheelchair Accessible Chimes Reach Panel (Landscape Structures® PlayBooster® 135731A)	1,639.78	56.85
11 68 13 00-0851	EA	Recycled Poly Wall (Landscape Structures® PlayBooster® 111267A)	1,233.31	68.23
11 68 13 00-0852	EA	Recycled Poly Wall, With Wheel (Landscape Structures® PlayBooster® 111267B)	1,501.65	68.23
11 68 13 00-0853	EA	Tic-Tac-Toe Panel, SteelX, Above Deck (Landscape Structures® PlayBooster® 139377A)	3,019.14	68.23
11 68 13 00-0854	EA	Tic-Tac-Toe Panel, SteelX, Below Deck (Landscape Structures® PlayBooster® 139377B)	3,251.14	90.96
11 68 13 00-0855	EA	Tic-Tac-Toe Panel, Above Deck, Tan Discs Only (Landscape Structures® PlayBooster® 115231A)	1,881.02	68.23
11 68 13 00-0856	EA	Wire Barrier (Landscape Structures® PlayBooster® 120314A)	965.65	90.96
11 68 13 00-0857	EA	Wire Barrier, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 120315A)	1,169.21	90.96
11 68 13 00-0858	EA	Wire Barrier With Wheel (Landscape Structures® PlayBooster® 120314B)	1,233.98	90.96
11 68 13 00-0859	EA	Wire Barrier With Wheel, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 120315B)	1,437.55	90.96
11 68 13 00-0860	EA	Wire Barrier, (For TurboTwister Tunnel Slide) (Landscape Structures® PlayBooster® 125921C)	1,029.75	68.23
11 68 13 00-0861	EA	Wire Barrier With Wheel, (For TurboTwister Tunnel Slide) (Landscape Structures® PlayBooster® 125921D)	1,298.08	68.23
11 68 13 00-0862	EA	Loop Seats (Landscape Structures® PlayBooster® 118089A)	649.04	34.11
11 68 13 00-0863	EA	Grab Bar, TenderTuff-coated Brown (Landscape Structures® PlayBooster® 120901A)	250.49	22.74
11 68 13 00-0864	EA	Handhold/Leg Lift, TenderTuff-coated Brown (Landscape Structures® PlayBooster® 120902A)	278.25	22.74
11 68 13 00-0865	EA	Handloop Assembly (Landscape Structures® PlayBooster® 111275A)	362.87	56.85
11 68 13 00-0866	EA	Rail Assembly (Landscape Structures® PlayBooster® 111276A)	353.62	56.85
11 68 13 00-0867	EA	Log Roll, (1) Steel Post, Tan Log Only (Landscape Structures® PlayBooster® 111356B)	1,873.77	125.07
11 68 13 00-0868	EA	Chinning Bar, (1) Steel Post (Landscape Structures® PlayBooster® 111357C)	809.01	102.33
11 68 13 00-0869	EA	Turning Bar, (1) Steel Post (Landscape Structures® PlayBooster® 111357D)	753.49	102.33
11 68 13 00-0870	EA	Parallel Bars, Without Posts (Landscape Structures® PlayBooster® 111361A)	964.98	68.23
11 68 13 00-0871	EA	Orbiter Spinner, (Requires Steel Post, Avail. For Direct Bury Only) (Landscape Structures® PlayBooster® 153590A)	2,576.33	102.33
11 68 13 00-0872	EA	48" Deck, Talk Tubes For PlayOdyssey Pod, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 129079A)	908.13	34.11
11 68 13 00-0873	EA	72" Deck, Talk Tubes For PlayOdyssey Pod, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 129079B)	963.64	34.11
11 68 13 00-0874	EA	Ground Level, Talk Tubes, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 111363A)	686.05	34.11
11 68 13 00-0875	EA	16" Deck, Talk Tubes, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 111363B)	695.31	34.11
11 68 13 00-0876	EA	24" Deck, Talk Tubes, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 111363C)	704.56	34.11
11 68 13 00-0877	EA	32" Deck, Talk Tubes, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 111363D)	713.81	34.11
11 68 13 00-0878	EA	40" Deck, Talk Tubes, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 111363E)	723.07	34.11
11 68 13 00-0879	EA	48" Deck, Talk Tubes, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 111363F)	741.57	34.11
11 68 13 00-0880	EA	56" Deck, Talk Tubes, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 111363G)	750.83	34.11
11 68 13 00-0881	EA	64" Deck, Talk Tubes, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 111363H)	769.33	34.11
11 68 13 00-0882	EA	72" Deck, Talk Tubes, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 111363I)	778.58	34.11
11 68 13 00-0883	EA	Arch Roof, (Excludes Arches) (Landscape Structures® PlayBooster® 111256A)	1,074.68	34.11
11 68 13 00-0884	EA	Recycled 2x4 Roof (Landscape Structures® PlayBooster® 111260A)	3,276.97	272.88
11 68 13 00-0885	EA	Recycled Peak Roof (Landscape Structures® PlayBooster® 111408A)	4,600.15	272.88
11 68 13 00-0886	EA	Hex Shingle Roof (Landscape Structures® PlayBooster® 130567A)	3,773.97	204.67
11 68 13 00-0887	EA	Square SteelX Roof (Landscape Structures® PlayBooster® 139375A)	4,023.80	204.67
11 68 13 00-0888	EA	Hex SteelX Roof (Landscape Structures® PlayBooster® 139376A)	6,264.35	238.77
11 68 13 00-0889	EA	Flag Pole With Permalene Flag (For SteelX Hex Roof Or SteelX Square Roof Only) (Landscape Structures® PlayBooster® 139464A)	389.29	22.74
11 68 13 00-0890	EA	Full Sail, CoolToppers Shade System (Direct Bury Only) (Landscape Structures® PlayBooster® 136488A)	15,530.76	818.65
11 68 13 00-0891	EA	Single Post Shade, CoolToppers Shade System (Direct Bury Only) (Landscape Structures® PlayBooster® 154884A)	5,152.81	682.21
11 68 13 00-0892	EA	PlayOdyssey® Octagonal Deck (Direct Bury Only) 48" Deck With Roof, With Center Access (Landscape Structures® PlayBooster® 128980A)	26,576.32	1,227.97
11 68 13 00-0893	EA	PlayOdyssey® Octagonal Deck (Direct Bury Only) 48" Deck Without Roof, With Center Access (Landscape Structures® PlayBooster® 128980B)	20,774.69	1,227.97
11 68 13 00-0894	EA	PlayOdyssey® Octagonal Deck (Direct Bury Only) 48" Deck Without Roof, Without Center Access (Landscape Structures® PlayBooster® 128980C)	19,655.08	1,227.97
11 68 13 00-0895	EA	PlayOdyssey® Octagonal Deck (Direct Bury Only) 72" Deck With Roof, With Center Access (Landscape Structures® PlayBooster® 128980D)	26,733.62	1,227.97
11 68 13 00-0896	EA	PlayOdyssey® Octagonal Deck (Direct Bury Only) 72" Deck Without Roof, With Center Access (Landscape Structures® PlayBooster® 128980E)	20,931.99	1,227.97
11 68 13 00-0897	EA	PlayOdyssey® Octagonal Deck (Direct Bury Only) 72" Deck Without Roof, Without Center Access (Landscape Structures® PlayBooster® 128980F)	19,821.63	1,227.97
11 68 13 00-0898	EA	Square Tenderdeck, Brown Only (Landscape Structures® PlayBooster® 111228A)	1,362.86	68.23
11 68 13 00-0899	EA	Square Tenderdeck, Extension, Brown Only (Landscape Structures® PlayBooster® 111229A)	1,307.34	68.23
11 68 13 00-0900	EA	Square Tenderdeck, Corner, Brown Only (Landscape Structures® PlayBooster® 111230A)	1,270.32	68.23
11 68 13 00-0901	EA	Triangular Tenderdeck, Brown Only (Landscape Structures® PlayBooster® 111231A)	1,028.41	34.11
11 68 13 00-0902	EA	Hexagon Tenderdeck, Brown Only (Landscape Structures® PlayBooster® 111232A)	3,846.65	170.55
11 68 13 00-0903	EA	Triangular Tenderdeck, Extension, Brown Only (Landscape Structures® PlayBooster® 119646A)	1,019.83	56.85
11 68 13 00-0904	EA	90 Degree Triangular Tenderdeck, Brown Only (Landscape Structures® PlayBooster® 122197A)	1,093.19	34.11
11 68 13 00-0905	EA	Transfer Step, Brown Only (Landscape Structures® PlayBooster® 112471A)	770.66	68.23
11 68 13 00-0906	EA	24" Rise Kick Panel, 2-Color Permalene, With 2-Clamps (Landscape Structures® PlayBooster® 111525A)	621.95	56.85
11 68 13 00-0907	EA	32" Rise Kick Panel, 2-Color Permalene, With 2-Clamps (Landscape Structures® PlayBooster® 111525B)	770.00	56.85
11 68 13 00-0908	EA	To 32" Deck, Curved, Right Or Left Step, Curved Transfer Module (Landscape Structures® PlayBooster® 152911A)	3,351.00	272.88
11 68 13 00-0909	EA	To 40" Deck, Curved, Right Or Left Step, Curved Transfer Module (Landscape Structures® PlayBooster® 152911B)	3,795.14	272.88
11 68 13 00-0910	EA	To 48" Deck, Curved, Right Or Left Step, Curved Transfer Module (Landscape Structures® PlayBooster® 152911C)	3,980.20	272.88
11 68 13 00-0911	EA	To 32" Deck, Curved, Right Or Left Step, SteelX, Curved Transfer Module (Landscape Structures® PlayBooster® 152912A)	3,702.61	272.88
11 68 13 00-0912	EA	To 40" Deck, Curved, Right Or Left Step, SteelX, Curved Transfer Module (Landscape Structures® PlayBooster® 152912B)	4,137.50	272.88

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11 68 13 00-0913	EA	To 48" Deck, Curved, Right Or Left Step, SteelX, Curved Transfer Module (Landscape Structures® PlayBooster® 152912C)	4,294.81	272.88
11 68 13 00-0914	EA	Arch For 72" Deck (Landscape Structures® PlayBooster® 111406A)	1,955.05	68.23
11 68 13 00-0915	EA	Arch For 56" - 64" Deck (Landscape Structures® PlayBooster® 111406B)	1,890.28	68.23
11 68 13 00-0916	EA	Arch For 40" - 48" Deck (Landscape Structures® PlayBooster® 111406C)	1,816.25	68.23
11 68 13 00-0917	EA	Arch For 32" Deck (Landscape Structures® PlayBooster® 111406D)	1,797.75	68.23
11 68 13 00-0918	EA	Arch/Ground Level (Landscape Structures® PlayBooster® 111406E)	1,677.46	68.23
11 68 13 00-0919	EA	106"/72" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718J)	649.71	56.85
11 68 13 00-0920	EA	98"/64" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718K)	631.21	56.85
11 68 13 00-0921	EA	90"/56" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718L)	621.95	56.85
11 68 13 00-0922	EA	82"/48" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718M)	612.70	56.85
11 68 13 00-0923	EA	74"/40" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718N)	603.45	56.85
11 68 13 00-0924	EA	66"/32" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718O)	584.94	56.85
11 68 13 00-0925	EA	58"/24" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718P)	575.69	56.85
11 68 13 00-0926	EA	50"/16" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718Q)	566.44	56.85
11 68 13 00-0927	EA	42"/8" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718R)	547.93	56.85
11 68 13 00-0928	EA	106"/72" Deck, Flush Mount Posts For Decks, Square Caps (Landscape Structures® PlayBooster® 111405J)	612.70	56.85
11 68 13 00-0929	EA	98"/64" Deck, Flush Mount Posts For Decks, Square Caps (Landscape Structures® PlayBooster® 111405K)	603.45	56.85
11 68 13 00-0930	EA	90"/56" Deck, Flush Mount Posts For Decks, Square Caps (Landscape Structures® PlayBooster® 111405L)	584.94	56.85
11 68 13 00-0931	EA	82"/48" Deck, Flush Mount Posts For Decks, Square Caps (Landscape Structures® PlayBooster® 111405M)	575.69	56.85
11 68 13 00-0932	EA	74"/40" Deck, Flush Mount Posts For Decks, Square Caps (Landscape Structures® PlayBooster® 111405N)	566.44	56.85
11 68 13 00-0933	EA	66"/32" Deck, Flush Mount Posts For Decks, Square Caps (Landscape Structures® PlayBooster® 111405O)	547.93	56.85
11 68 13 00-0934	EA	58"/24" Deck, Flush Mount Posts For Decks, Square Caps (Landscape Structures® PlayBooster® 111405P)	538.68	56.85
11 68 13 00-0935	EA	50"/16" Deck, Flush Mount Posts For Decks, Square Caps (Landscape Structures® PlayBooster® 111405Q)	529.42	56.85
11 68 13 00-0936	EA	42"/8" Deck, Flush Mount Posts For Decks, Square Caps (Landscape Structures® PlayBooster® 111405R)	520.17	56.85
11 68 13 00-0937	EA	148"/72" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404M)	482.49	34.11
11 68 13 00-0938	EA	140"/64" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404N)	798.94	34.11
11 68 13 00-0939	EA	132"/56" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404O)	445.48	34.11
11 68 13 00-0940	EA	124"/48" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404P)	436.22	34.11
11 68 13 00-0941	EA	116"/40" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404Q)	426.97	34.11
11 68 13 00-0942	EA	108"/32" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404R)	417.72	34.11
11 68 13 00-0943	EA	100"/24" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404S)	399.21	34.11
11 68 13 00-0944	EA	92"/16" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404T)	371.45	34.11
11 68 13 00-0945	EA	84"/8" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404U)	352.95	34.11
11 68 13 00-0946	EA	76"/Ground Level, Posts For Decks (Landscape Structures® PlayBooster® 111404V)	343.69	34.11
11 68 13 00-0947	EA	156"/80" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404W)	547.26	34.11
11 68 13 00-0948	EA	182"/96" Deck (44" Bury), Posts For Decks (Landscape Structures® PlayBooster® 111404Z)	630.54	34.11
11 68 13 00-0949	EA	182"/72" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403K)	556.51	34.11
11 68 13 00-0950	EA	174"/64" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403L)	547.26	34.11
11 68 13 00-0951	EA	166"/56" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403M)	538.01	34.11
11 68 13 00-0952	EA	158"/48" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403N)	519.50	34.11
11 68 13 00-0953	EA	150"/40" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403O)	510.25	34.11
11 68 13 00-0954	EA	142"/32" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403P)	500.99	34.11
11 68 13 00-0955	EA	134"/24" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403Q)	491.74	34.11
11 68 13 00-0956	EA	126"/16" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403R)	482.49	34.11
11 68 13 00-0957	EA	118"/8" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403S)	454.73	34.11
11 68 13 00-0958	EA	110"/Ground Level, Posts For Roofs (Landscape Structures® PlayBooster® 111403T)	445.48	34.11
11 68 13 00-0959	EA	204"/48" Deck (60" Bury), Posts For CoolToppers, Full Sail (Landscape Structures® PlayBooster® 136689A)	2,583.29	1,227.97
11 68 13 00-0960	EA	212"/56" Deck (60" Bury), Posts For CoolToppers, Full Sail (Landscape Structures® PlayBooster® 136689B)	2,592.55	1,227.97
11 68 13 00-0961	EA	220"/64" - 72" Deck (60" Bury), Posts For CoolToppers, Full Sail (Landscape Structures® PlayBooster® 136689C)	2,611.05	1,227.97
11 68 13 00-0962	EA	264"/64" - 72" Deck (60" Bury), Posts For CoolToppers, Single Post Shade (Landscape Structures® PlayBooster® 154883A)	2,339.90	682.21
11 68 13 00-0963	EA	248"/48" - 56" Deck (60" Bury), Posts For CoolToppers, Single Post Shade (Landscape Structures® PlayBooster® 154883B)	2,284.38	682.21
11 68 13 00-0964	EA	232"/32" - 40" Deck (60" Bury), Posts For CoolToppers, Single Post Shade (Landscape Structures® PlayBooster® 154883C)	2,256.62	682.21
11 68 13 00-0965	EA	220"/16" - 24" Deck (60" Bury), Posts For CoolToppers, Single Post Shade (Landscape Structures® PlayBooster® 154883D)	2,099.32	682.21
11 68 13 00-0966	EA	200"/Ground Level - 8" Deck (60" Bury), Posts For CoolToppers, Single Post Shade (Landscape Structures® PlayBooster® 154883E)	2,062.31	682.21
11 68 13 00-0967	EA	Overhead Events Access/Landing Assembly Seat 8" Deck (Landscape Structures® PlayBooster® 141887A)	739.20	68.23
11 68 13 00-0968	EA	132" Aluminum Posts, End Vertical Ladder (For Use With Ring Bridges) (Landscape Structures® PlayBooster® 116208A)	1,911.45	136.44
11 68 13 00-0969	EA	Square Poly Roof, Without Logo Panels (Landscape Structures® PlayBooster® 118110B)	1,652.36	136.44
11 68 13 00-0970	EA	84" Module, Disc Challenge, Max. 40" Decks, With 3 Handhold Panels (Landscape Structures® PlayBooster® 120873B)	3,981.78	204.67
11 68 13 00-0971	EA	84" Module, Disc Challenge, Max. 40" Decks, With 4 Handhold Panels (Landscape Structures® PlayBooster® 120873C)	4,162.60	204.67
11 68 13 00-0972	EA	123" Module, Disc Challenge, Max. 40" Decks, With 3 Handhold Panels (Landscape Structures® PlayBooster® 121416B)	5,617.47	272.88
11 68 13 00-0973	EA	123" Module, Disc Challenge, Max. 40" Decks, With 4 Handhold Panels (Landscape Structures® PlayBooster® 121416C)	5,247.86	272.88
11 68 13 00-0974	EA	106"/72" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718A)	742.90	68.23
11 68 13 00-0975	EA	98"/64" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718B)	715.14	68.23
11 68 13 00-0976	EA	90"/56" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718C)	687.39	68.23
11 68 13 00-0977	EA	82"/48" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718D)	678.13	68.23
11 68 13 00-0978	EA	74"/40" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718E)	602.78	34.11
11 68 13 00-0979	EA	66"/32" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718F)	584.27	34.11
11 68 13 00-0980	EA	58"/24" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718G)	556.51	34.11
11 68 13 00-0981	EA	50"/16" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718H)	547.26	34.11
11 68 13 00-0982	EA	42"/8" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718I)	538.01	34.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0983	EA	Square Peak Tile Roof, Without Logo Panels (Landscape Structures® PlayBooster® 129816B)	1,837.42	136.44
11 68 13 00-0984	EA	32" Decks, Spring Across Bridge With 4 TenderTuff-coated Handloops (Landscape Structures® PlayBooster® 136156B)	5,989.31	272.88
11 68 13 00-0985	EA	S-Disc Challenge, 123" Module, Disc Challenge, Max. 40" Decks, With 3 Handhold Panels (Landscape Structures® PlayBooster® 136157B)	5,617.47	272.88
11 68 13 00-0986	EA	S-Disc Challenge, 123" Module, Disc Challenge, Max. 40" Decks, With 4 Handhold Panels (Landscape Structures® PlayBooster® 136157C)	5,799.07	272.88
11 68 13 00-0987	EA	Hexagon Tenderdeck, With Extension, Brown Only (Landscape Structures® PlayBooster® 154752A)	5,997.36	272.88
11 68 13 00-0988	EA	The Pinnacle Natural Climber (Landscape Structures® PlayBooster® 156066A)	27,911.28	818.65
11 68 13 00-0989	EA	The Pointe Natural Climber (Landscape Structures® PlayBooster® 156068A)	15,779.18	545.76
11 68 13 00-0990	EA	Natural Elements Climber Handholds, Extension Deck And Kick Panel Set, One Set Required Per Associated Deck (Landscape Structures® PlayBooster® 156070A)	1,390.61	68.23
11 68 13 00-0991	EA	Bridge With Guardrails And Curbs, Bridge Plank Brown Only (Landscape Structures® PlayBooster® 156230A)	4,949.10	204.67
11 68 13 00-0992	EA	Bridge With Guardrails, Without Curbs, Bridge Plank Brown Only (Landscape Structures® PlayBooster® 156230B)	4,449.44	204.67
11 68 13 00-0993	EA	Bridge With Barriers, Bridge Plank Brown Only (Landscape Structures® PlayBooster® 156231A)	5,784.54	272.88
11 68 13 00-0994	EA	Ramp With Guardrails And Curbs, 3-Handrails Per Side (Conforms To ASTM And TUV Standard) (Landscape Structures® PlayBooster® 156232A)	5,571.72	272.88
11 68 13 00-0995	EA	Ramp With Guardrails, Without Curbs, 3-Handrails Per Side, (Conforms To ASTM And TUV Standard) (Landscape Structures® PlayBooster® 156232B)	4,967.61	204.67
11 68 13 00-0996	EA	Ramp With Guardrails And Curbs, 2-Handrails Per Side (Conforms To CSA Standard) (Landscape Structures® PlayBooster® 156232C)	4,727.03	204.67
11 68 13 00-0997	EA	Ramp With Guardrails, Without Curbs, 2-Handrails Per Side, (Conforms To CSA Standard) (Landscape Structures® PlayBooster® 156232D)	4,227.37	204.67
11 68 13 00-0998	EA	Ramp With Barriers, Ramp Plank Brown Only (Landscape Structures® PlayBooster® 156233A)	6,830.13	272.88
11 68 13 00-0999	EA	16" Deck, Pod Climber With One Handhold Panel (Landscape Structures® PlayBooster® 156915A)	742.90	68.23
11 68 13 00-1000	EA	24" Deck, Pod Climber With One Handhold Panel (Landscape Structures® PlayBooster® 156916A)	1,103.77	68.23
11 68 13 00-1001	EA	24" Deck, Pod Climber With One Handhold Panel, And One Handloop (Landscape Structures® PlayBooster® 156916B)	1,224.06	68.23
11 68 13 00-1002	EA	32" To 40" Deck, Pod Climber With Two Handhold Panels (Landscape Structures® PlayBooster® 157427A)	1,846.68	136.44
11 68 13 00-1003	EA	32" To 40" Deck, Pod Climber With Two Handhold Panels, And One Handloop (Landscape Structures® PlayBooster® 157427B)	1,976.22	136.44
11 68 13 00-1004	EA	32" To 40" Deck, Pod Climber With Two Handhold Panels, And One Handrail (Landscape Structures® PlayBooster® 157427C)	2,068.75	136.44
11 68 13 00-1005	EA	32" To 40" Deck, Pod Climber With Two Handhold Panels, One Handloop And One Handrail (Landscape Structures® PlayBooster® 157427D)	2,170.53	136.44
11 68 13 00-1006	EA	Starburst Climber, 64" And 72" Decks, (Direct Bury Only) (Landscape Structures® PlayBooster® 158425A)	3,117.01	204.67
11 68 13 00-1007	EA	Ring-a-Bell Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 159459A)	1,976.22	136.44
11 68 13 00-1008	EA	Ring-a-Bell™ Panel For Learning Wall (Landscape Structures® PlayBooster® 159460A)	1,791.16	136.44
11 68 13 00-1009	EA	Stationary Cycler, Pedal Assembly, With Grab Bar, Without Post (Landscape Structures® PlayBooster® 160054A)	1,473.89	68.23
11 68 13 00-1010	EA	Stationary Cycler, Handle Assembly, Without Post (Landscape Structures® PlayBooster® 160054B)	1,150.04	68.23
11 68 13 00-1011	EA	Stationary Cycler, Pedals And Handles, Without Post (Landscape Structures® PlayBooster® 160054C)	2,170.53	136.44
11 68 13 00-1012	EA	Stationary Cycler, Handle Assembly, Accessible, Without Post (Landscape Structures® PlayBooster® 160054D)	1,150.04	68.23
11 68 13 00-1013	EA	(1) Aluminum Post Gyro Twister Spinners (Landscape Structures® PlayBooster® 160251A)	2,966.29	136.44
11 68 13 00-1014	EA	(1) Steel Post Gyro Twister Spinners (Landscape Structures® PlayBooster® 160251B)	2,938.53	136.44
11 68 13 00-1015	EA	The Peak Natural Climber, 40" Deck (Landscape Structures® PlayBooster® 160420A)	9,053.51	341.11
11 68 13 00-1016	EA	The Peak Natural Climber Connector, Connects Between 32" Deck And 40" Deck (Landscape Structures® PlayBooster® 160421A)	9,525.41	341.11
11 68 13 00-1017	EA	The Stepper Natural Climbing Stone, 24" Deck (Landscape Structures® PlayBooster® 160422A)	4,819.56	204.67
11 68 13 00-1018	EA	64" - 72" Decks, Escalator Climber With Single Barrier With Infill Permalene Panel (Landscape Structures® PlayBooster® 160693A)	5,664.25	272.88
11 68 13 00-1019	EA	Single Barrier Handhold Panel With Infill, Permalene, Panel Only (Landscape Structures® PlayBooster® 160694A)	844.69	68.23
11 68 13 00-1020	EA	Single Connector, 64" - 72" Decks, Escalator Climber Without Posts (Landscape Structures® PlayBooster® 160810A)	4,884.33	204.67
11 68 13 00-1021	EA	Double Connector, 64" - 72" Decks, Escalator Climber Without Posts (Landscape Structures® PlayBooster® 160811A)	9,645.70	341.11
11 68 13 00-1022	EA	RingTangle Climber, 24" - 48" Decks (Landscape Structures® PlayBooster® 164078A)	3,117.01	204.67
11 68 13 00-1023	EA	Bongo Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 164092A)	1,325.84	68.23
11 68 13 00-1024	EA	Bongo Panel For Learning Wall (Landscape Structures® PlayBooster® 164093A)	1,196.30	68.23
11 68 13 00-1025	EA	Wheelchair Accessible Bongo Reach Panel, (2-Color Permalene) (Landscape Structures® PlayBooster® 164094A)	1,205.55	68.23
11 68 13 00-1026	EA	Rock-n-Ring Panel, Ground Level Panel (2 Color Permalene) (Landscape Structures® PlayBooster® 164145A)	2,688.70	136.44
11 68 13 00-1027	EA	Rock-n-Ring™ Panel For Learning Wall (Landscape Structures® PlayBooster® 164146A)	2,142.77	136.44
11 68 13 00-1028	EA	Bongo Reach Panel For Learning Wall (Landscape Structures® PlayBooster® 164147A)	1,122.28	68.23
11 68 13 00-1029	EA	Wheelchair Accessible Ring-a-Bell Reach Panel, (2-Color Permalene) (Landscape Structures® PlayBooster® 164148A)	1,307.34	68.23
11 68 13 00-1030	EA	Ring-a-Bell™ Reach Panel For Learning Wall (Landscape Structures® PlayBooster® 164149A)	1,224.06	68.23

11 68 13 00-1031 Playground Equipment (Landscape Structures® Evos™) *(11 68 13 00-0009)*

11 68 13 00-1032	EA	Standard Age-Appropriate Welcome Sign, Ages 5 To 12 (Landscape Structures® Evos™ 158650A)	1,020.49	68.23
11 68 13 00-1033	EA	Customized Name On Age-Appropriate Welcome Sign, Ages 5 To 12 (Landscape Structures® Evos™ 158651A)	1,196.30	68.23
11 68 13 00-1034	EA	Slalom Glider (Direct Bury Only) (Landscape Structures® Evos™ 156456A)	4,569.73	204.67
11 68 13 00-1035	EA	Hang Glider (Direct Bury Only) (Landscape Structures® Evos™ 156465A)	3,524.14	204.67
11 68 13 00-1036	EA	Helix Net Climber (Direct Bury Only) (Landscape Structures® Evos™ 156449A)	8,279.51	193.30
11 68 13 00-1037	EA	Crescent Climber (Direct Bury Only) (Landscape Structures® Evos™ 156461A)	6,404.49	272.88
11 68 13 00-1038	EA	RingTangle Climber With Two E-Pod Steps (Direct Bury Only) (Landscape Structures® Evos™ 156462A)	4,281.55	170.55
11 68 13 00-1039	EA	Web Link Climber (Direct Bury Only) (Landscape Structures® Evos™ 156912A)	8,835.36	204.67
11 68 13 00-1040	EA	Wobble Pod Bouncer (Direct Bury Only) (Landscape Structures® Evos™ 156452A)	2,087.25	136.44
11 68 13 00-1041	EA	Gyro Twister Spinner (Direct Bury Only) (Landscape Structures® Evos™ 156459A)	2,715.13	102.33

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-1042	EA	E-Pod Step (Landscape Structures® Evos™ 156454A)	426.30	22.74
11 68 13 00-1043	EA	Cycler With E-Pod Step (Direct Bury Only) (Landscape Structures® Evos™ 156467A)	1,918.04	68.23
11 68 13 00-1044	EA	8" Pod, With One E-Pod Step, Noodle Pod Steps (Direct Bury Only) (Landscape Structures® Evos™ 156959A)	1,389.95	56.85
11 68 13 00-1045	EA	16" Pod, With One E-Pod Step, Noodle Pod Steps (Direct Bury Only) (Landscape Structures® Evos™ 156959B)	1,399.21	56.85
11 68 13 00-1046	EA	24" Pod, With One E-Pod Step, Noodle Pod Steps (Direct Bury Only) (Landscape Structures® Evos™ 156959C)	1,408.46	56.85
11 68 13 00-1047	EA	Swiggle Stix Bridge (Direct Bury Only) (Landscape Structures® Evos™ 156450A)	7,951.06	306.99
11 68 13 00-1048	EA	PodStomper Bridge (Direct Bury Only) (Landscape Structures® Evos™ 156464A)	8,196.91	204.67
11 68 13 00-1049	EA	ArcOver Ladder With Two E-Pod Steps, Overhead Events (Direct Bury Only) (Landscape Structures® Evos™ 156457A)	3,586.24	136.44
11 68 13 00-1050	EA	Bow Ladder With Four E-Pod Steps, Overhead Events (Landscape Structures® Evos™ 156463A)	3,851.91	68.23
11 68 13 00-1051	EA	2-Arch Mainstructure With Hemisphere Climber And O-Zone Climber (Landscape Structures® Evos™ 156436A)	33,648.14	818.65
11 68 13 00-1052	EA	3-Arch Mainstructure, Small (Landscape Structures® Evos™ 157106A)	37,939.01	1,227.97
11 68 13 00-1053	EA	Additional Small Arch For Mainstructure, #3 Only (Landscape Structures® Evos™ 156545A)	4,300.13	409.32
11 68 13 00-1054	EA	16" Pod, With Two E-Pod Steps, Noodle Pod Steps (Direct Bury Only) (Landscape Structures® Evos™ 164156A)	1,948.46	136.44
11 68 13 00-1055	EA	24" Pod, With Two E-Pod Steps, Noodle Pod Steps (Direct Bury Only) (Landscape Structures® Evos™ 164156B)	1,966.96	136.44
11 68 13 00-1056	EA	Ring-a-Bell Reach Panel (2-Color Permalene) (Landscape Structures® Evos™ 164150A)	1,307.34	68.23
11 68 13 00-1057	EA	Bongo Reach Panel (2-Color Permalene) (Landscape Structures® Evos™ 164095A)	1,205.55	68.23
11 68 13 00-1058	EA	Noodle Post, 1 Post Only (Direct Bury Only) (Landscape Structures® Evos™ 161774A)	1,029.75	68.23
11 68 13 00-1059	EA	Periscope Reach Panel (2-Color Permalene) (Landscape Structures® Evos™ 161775A)	2,133.52	136.44
11 68 13 00-1060	EA	Match 3 Reach Panel (2-Color Permalene) (Landscape Structures® Evos™ 161776A)	1,103.77	68.23
11 68 13 00-1061	EA	Chimes Reach Panel (Landscape Structures® Evos™ 161777A)	1,781.90	136.44
11 68 13 00-1062	EA	Trail Tracker Reach Panel (2-Color Permalene) (Landscape Structures® Evos™ 161778A)	696.64	68.23
11 68 13 00-1063	EA	Navigator Reach Panel (2-Color Permalene) (Landscape Structures® Evos™ 161779A)	955.72	68.23
11 68 13 00-1064	EA	Image Reach Panel, 75 Play Blocks (Landscape Structures® Evos™ 161780A)	1,233.31	68.23
11 68 13 00-1065	EA	Chatter Noodle Talk Tube Kit, Two Noodle Posts And Tubing (Direct Bury Only) (Landscape Structures® Evos™ 156453A)	2,883.01	136.44
11 68 13 00-1066	EA	Blender Spinner (Direct Bury Only) (Landscape Structures® Evos™ 156460A)	3,524.14	204.67
11 68 13 00-1067	EA	BalanceWinder Climber (Direct Bury Only) (Landscape Structures® Evos™ 160252A)	6,247.19	272.88
11 68 13 00-1068	EA	Overhead Explorer Parallel Bar, With (1) E-Pod Step, Overhead Events (Direct Bury Only) (Landscape Structures® Evos™ 160253A)	2,568.41	136.44
11 68 13 00-1069	EA	Overhead Trekker Ladder, With (1) E-Pod Step, Overhead Events (Direct Bury Only) (Landscape Structures® Evos™ 160254A)	2,799.73	136.44
11 68 13 00-1070	EA	3-Arch Mainstructure, Large With Hemisphere Climber And O-Zone Climber (Landscape Structures® Evos™ 160356A)	38,475.69	1,227.97
11 68 13 00-1071	EA	4-Arch Mainstructure With Hemisphere Climber And O-Zone Climber (Landscape Structures® Evos™ 160357A)	42,084.36	1,227.97
11 68 13 00-1072	EA	Additional Large Arch For Mainstructure, #4 Only (Landscape Structures® Evos™ 160358A)	4,477.20	204.67
11 68 13 00-1073	EA	Additional Arches For Mainstructure, #3 And #4 Only (Landscape Structures® Evos™ 160359A)	8,322.52	341.11
11 68 13 00-1074	EA	Power Lifter Chinning Bar (Landscape Structures® Evos™ 160208A)	1,994.72	136.44
11 68 13 00-1075	EA	Accessible Power Lifter Chinning Bar (Landscape Structures® Evos™ 160209A)	2,503.64	136.44
11 68 13 00-1076	EA	TwirlWind Turning Bar (Landscape Structures® Evos™ 160210A)	2,503.64	136.44
11 68 13 00-1077		**Playground Equipment (Landscape Structures® Weevos™)** *(11 68 13 00-0009)*		
11 68 13 00-1078	EA	Safety Sign, Weevos Welcome Sign, Ages 2 to 5, Direct Bury (Landscape Structures® Weevos™ 164529A)	1,020.49	68.23
11 68 13 00-1079	EA	ChitterChatter Noodle™ Talk Tube Kit (Landscape Structures® Weevos™ 164177A)	2,614.67	136.44
11 68 13 00-1080		**Playground Equipment (Landscape Structures® Parts)** *(11 68 13 00-0009)*		
11 68 13 00-1081	EA	52-9/16" Long, TenderTuff-Coated Chain, Brown, Full-Bucket Seat (8') (Landscape Structures® 160110A)	110.52	34.11
11 68 13 00-1082	EA	66-15/16" Long, TenderTuff-Coated Chain, Brown, Front Chain for Molded Bucket Seat (8') (Landscape Structures® 160112A)	116.07	34.11
11 68 13 00-1083	EA	Pivot Block Swing Hardware With Bearing For Molded Bucket Seat (Landscape Structures® 160307A)	108.67	34.11
11 68 13 00-1084	EA	Play It Safe Label, 2-5 Years (Landscape Structures® 156845A)	13.22	6.82
11 68 13 00-1085	EA	Play It Safe Label, 2-12 Years (Landscape Structures® 156846A)	13.22	6.82
11 68 13 00-1086	EA	Play It Safe Label, 5-12 Years (Landscape Structures® 156847A)	13.22	6.82
11 68 13 00-1087	EA	Play It Safe Label, 8-12 Years (Landscape Structures® 156848A)	13.22	6.82
11 68 13 00-1088	EA	D-Ring with Stainless Steel Bolt Link, Brown TenderTuff-coated Only (Landscape Structures® 130923A)	169.74	34.11
11 68 13 00-1089	EA	(2) Stainless Steel Double Clevis Swing Hardware With Bolts (Landscape Structures® 132634A)	87.51	13.65
11 68 13 00-1090	EA	(2) Stainless Steel Bolt Links Swing Hardware With Bolts For Use With TenderTuff-Coated Chain (Landscape Structures® 132635A)	54.20	13.65
11 68 13 00-1091	EA	(2) Stainless Steel Bolt Links Swing Hardware With Bolts And Chain Spacers For Use With Uncoated Chain (Landscape Structures® 132672A)	56.05	13.65
11 68 13 00-1092	EA	2-3/8" Pipe, Swing Hangers, Excludes Chain (Landscape Structures® 136065A)	111.70	17.05
11 68 13 00-1093	EA	3-1/2" Pipe, Swing Hangers, Excludes Chain (Landscape Structures® 136066A)	111.70	17.05
11 68 13 00-1094	EA	TenderTuff Repair Kit (Landscape Structures® 138717A)	12.03	
11 68 13 00-1095	EA	Anti-Wrap, 2-3/8" Pipe, Swing Hangers, Excludes Chain (Landscape Structures® 140739A)	146.86	17.05
11 68 13 00-1096	EA	(2) Aluminum Clevis Swing Hardware For Anti-Wrap Hanger With Bolts (Landscape Structures® 141267A)	93.06	13.65
11 68 13 00-1097	EA	65" Long, TenderTuff-Coated Chain, Brown, Half-Bucket Seat (8') (Landscape Structures® 141730A)	114.22	34.11
11 68 13 00-1098	EA	43-3/16" Long, TenderTuff-Coated Chain, Brown, Half-Bucket Seat (6') Toddler Swing (Landscape Structures® 141739A)	104.04	34.11
11 68 13 00-1099	EA	87-13/16" Long, TenderTuff-Coated Chain, Brown, Half-Bucket Seat (10') (Landscape Structures® 141766A)	140.13	34.11
11 68 13 00-1100	EA	29-7/8" Long, TenderTuff-Coated Chain, Brown, Full-Bucket Seat (6') Toddler Swing (Landscape Structures® 152016A)	99.41	34.11
11 68 13 00-1101	EA	49-13/16" Long, TenderTuff-Coated Chain, Brown, Tire Swing, Half-Bucket Seat (7') 2" Arch Swing (Landscape Structures® 152048A)	108.67	34.11
11 68 13 00-1102	EA	67-7/8" Long, TenderTuff-Coated Chain, Brown, Belt Seat (8'), Flat Seat (8') (Landscape Structures® 152050A)	117.92	34.11
11 68 13 00-1103	EA	76-7/16" Long, TenderTuff-Coated Chain, Brown, Full-Bucket Seat (10') (Landscape Structures® 152051A)	127.17	34.11
11 68 13 00-1104	EA	90-11/16" Long, TenderTuff-Coated Chain, Brown, Belt Seat (10'), Flat Seat (10'), 16" Deck Ascending Chain (Landscape Structures® 152052A)	145.68	34.11
11 68 13 00-1105	EA	37-1/2" Long, TenderTuff-Coated Chain, Brown, Full-Bucket Seat (7') 2" Arch Swing (Landscape Structures® 152053A)	102.19	34.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-1106	EA	121-1/16" Long, TenderTuff-Coated Chain, Brown, Rear Chain for Molded Bucket Seat (8') (Landscape Structures® 152067A)	167.89	34.11
11 68 13 00-1107	EA	Tire Swing Hanger, Stainless Steel, Excludes Chain, 1997 And Later (Landscape Structures® 121609A)	826.18	68.23
11 68 13 00-1108	EA	Twin Rim Basketball Goal And Chain Net (Landscape Structures® 100080A)	325.19	34.11
11 68 13 00-1109	EA	Twin Rim Basketball Goal And Nylon Net (Landscape Structures® 100081A)	315.93	34.11
11 68 13 00-1110	EA	Nylon Basketball Net (Landscape Structures® 100082A)	54.33	17.05
11 68 13 00-1111	EA	Chain Basketball Net (Landscape Structures® 100083A)	67.28	17.05
11 68 13 00-1112	EA	Basketball Frame Set Only, Moveable (Landscape Structures® 100099A)	1,473.89	68.23
11 68 13 00-1113	EA	Basketball Frame Set Only, Direct Bury (Landscape Structures® 100100A)	1,224.06	68.23
11 68 13 00-1114	EA	Warning Label (Landscape Structures® 115176A)	0.19	
11 68 13 00-1115	EA	PS Spare Parts Kit (Landscape Structures® 107040A)	62.92	
11 68 13 00-1116	EA	PB Spare Parts Kit (Landscape Structures® 107043A)	136.94	
11 68 13 00-1117	EA	Tire With Ring And Hardware, Excludes Chain (Landscape Structures® 107329A)	807.68	68.23
11 68 13 00-1118	EA	5" Swing Hanger Clamp Assembly, Complete, Excludes Chain (Landscape Structures® 111418A)	169.74	34.11
11 68 13 00-1119	EA	Tire Swing Hanger, Stainless Steel, Excludes Chain, 1996 And Prior (Landscape Structures® 116997A)	955.72	68.23
11 68 13 00-1120		**Playground Equipment (Landscape Structures® Site Furniture)** *(11 68 13 00-0009)*		
11 68 13 00-1121	EA	60" Recycled Contour Series Bench With Back, Surface Mount (Landscape Structures® 111640A)	1,596.18	125.07
11 68 13 00-1122	EA	60" Recycled Contour Series Bench Without Back, Surface Mount (Landscape Structures® 111640B)	827.51	102.33
11 68 13 00-1123	EA	60" Recycled Contour Series Bench With Back, Direct Bury (Landscape Structures® 111640C)	1,401.87	125.07
11 68 13 00-1124	EA	60" Recycled Contour Series Bench Without Back, Direct Bury (Landscape Structures® 111640D)	809.01	102.33
11 68 13 00-1125	EA	96" Recycled Contour Series Bench With Back, Surface Mount (Landscape Structures® 111640E)	2,290.16	125.07
11 68 13 00-1126	EA	96" Recycled Contour Series Bench Without Back, Surface Mount (Landscape Structures® 111640F)	1,077.34	102.33
11 68 13 00-1127	EA	96" Recycled Contour Series Bench With Back, Direct Bury (Landscape Structures® 111640G)	1,994.06	125.07
11 68 13 00-1128	EA	96" Recycled Contour Series Bench Without Back, Direct Bury (Landscape Structures® 111640H)	1,049.59	102.33
11 68 13 00-1129	EA	Optional Brown Dome, Litter Receptacle (Landscape Structures® 100095A)	392.62	102.33
11 68 13 00-1130	EA	32-Gallon Polyethylene Container, Litter Receptacle (Landscape Structures® 141682A)	240.87	102.33
11 68 13 00-1131	EA	Optional Cover for TenderTuff-Coated Litter Receptacle (Landscape Structures® 141686A)	293.88	90.96
11 68 13 00-1132	EA	Litter Receptacle With Recycled Polyethylene Slats and Liner, (Direct Bury Only) (Landscape Structures® 100094A)	1,003.32	102.33
11 68 13 00-1133	EA	Litter Receptacle With TenderTuff-Coated Panels and Liner, Direct Bury (Landscape Structures® 141685A)	863.86	90.96
11 68 13 00-1134	EA	Litter Receptacle With TenderTuff-Coated Panels and Liner, Surface Mount (Landscape Structures® 141685B)	863.86	90.96
11 68 13 00-1135	EA	Loop Rack, Direct Bury, Powdercoated (Landscape Structures® 100102A)	520.83	68.23
11 68 13 00-1136	EA	Loop Rack, Direct Bury, TenderTuff-Coated (Landscape Structures® 100102B)	770.66	68.23
11 68 13 00-1137	EA	60" Poly Picnic Table, (2) 60" Seats, Moveable (Landscape Structures® 113139A)	2,539.40	341.11
11 68 13 00-1138	EA	60" Poly Picnic Table, (1) 60" Seat (2) 14" Seats, Moveable (Landscape Structures® 113139B)	2,446.87	341.11
11 68 13 00-1139	EA	60" Poly Picnic Table, (4) 14" Seats, Moveable (Landscape Structures® 113139C)	2,317.33	341.11
11 68 13 00-1140	EA	84" Poly Picnic Table, (2) 60" Seats, Moveable (Landscape Structures® 113139D)	3,159.35	341.11
11 68 13 00-1141	EA	84" Poly Picnic Table, (1) 60" Seat, (2) 14" Seats, Moveable (Landscape Structures® 113139E)	3,057.57	341.11
11 68 13 00-1142	EA	84" Poly Picnic Table, (4) 14" Seats, Moveable (Landscape Structures® 113139F)	2,918.77	341.11
11 68 13 00-1143	EA	60" Poly Picnic Table, (2) 60" Seats, Direct Bury (Landscape Structures® 113139G)	2,659.69	341.11
11 68 13 00-1144	EA	60" Poly Picnic Table, (1) 60" Seat, (2) 14" Seats, Direct Bury (Landscape Structures® 113139H)	2,539.40	341.11
11 68 13 00-1145	EA	60" Poly Picnic Table, (4) 14" Seats, Direct Bury (Landscape Structures® 113139I)	2,409.86	341.11
11 68 13 00-1146	EA	84" Poly Picnic Table, (2) 60" Seats, Direct Bury (Landscape Structures® 113139J)	3,279.64	341.11
11 68 13 00-1147	EA	84" Poly Picnic Table, (1) 60" Seat, (2) 14" Seats, Direct Bury (Landscape Structures® 113139K)	3,159.35	341.11
11 68 13 00-1148	EA	84" Poly Picnic Table, (4) 14" Seats, Direct Bury (Landscape Structures® 113139L)	3,011.30	341.11
11 68 13 00-1149	EA	70" Recycled Polyethylene Bench Without Back, 2 x 4 Recycled Polyethylene Slats, Direct Bury (Landscape Structures® 100088A)	827.51	102.33
11 68 13 00-1150	EA	70" Recycled Polyethylene Bench Without Back, 2 x 4 Recycled Polyethylene Slats, Surface Mount (Landscape Structures® 100088B)	910.79	102.33
11 68 13 00-1151	EA	94" Recycled Polyethylene Bench Without Back, 2 x 4 Recycled Polyethylene Slats, Direct Bury (Landscape Structures® 100088C)	892.28	102.33
11 68 13 00-1152	EA	94" Recycled Polyethylene Bench Without Back, 2 x 4 Recycled Polyethylene Slats, Surface Mount (Landscape Structures® 100088D)	975.56	102.33
11 68 13 00-1153	EA	70" Recycled Polyethylene Bench With Back, 2 x 4 Recycled Polyethylene Slats, Surface Mount (Landscape Structures® 100088E)	1,216.14	102.33
11 68 13 00-1154	EA	70" Recycled Polyethylene Bench With Back, 2 x 4 Recycled Polyethylene Slats, Direct Bury (Landscape Structures® 100088F)	1,132.86	102.33
11 68 13 00-1155	EA	94" Recycled Polyethylene Bench With Back, 2 x 4 Recycled Polyethylene Slats, Surface Mount (Landscape Structures® 100088G)	1,290.16	102.33
11 68 13 00-1156	EA	94" Recycled Polyethylene Bench With Back, 2 x 4 Recycled Polyethylene Slats, Direct Bury (Landscape Structures® 100088H)	1,206.89	102.33
11 68 13 00-1157	EA	Arm Rest, 1 Only, Fits All Benches With Back (Landscape Structures® 114767A)	170.92	22.74
11 68 13 00-1158	EA	72", TenderTuff-Coated Steel Bench With Back, Direct Bury (Landscape Structures® 141683A)	844.69	68.23
11 68 13 00-1159	EA	72", TenderTuff-Coated Steel Bench With Back, Surface Mount (Landscape Structures® 141683B)	863.19	68.23
11 68 13 00-1160	EA	72", TenderTuff-Coated Steel Bench Without Back, Direct Bury (Landscape Structures® 141683C)	548.59	68.23
11 68 13 00-1161	EA	72", TenderTuff-Coated Steel Bench Without Back, Surface Mount (Landscape Structures® 141683D)	576.35	68.23
11 68 13 00-1162	EA	92", TenderTuff-Coated Steel Bench With Back, Direct Bury (Landscape Structures® 141683E)	863.19	68.23
11 68 13 00-1163	EA	92", TenderTuff-Coated Steel Bench With Back, Surface Mount (Landscape Structures® 141683F)	900.20	68.23
11 68 13 00-1164	EA	92", TenderTuff-Coated Steel Bench Without Back, Direct Bury (Landscape Structures® 141683G)	576.35	68.23
11 68 13 00-1165	EA	92", TenderTuff-Coated Steel Bench Without Back, Surface Mount (Landscape Structures® 141683H)	613.36	68.23
11 68 13 00-1166	EA	72" TenderTuff-Coated Picnic Table, (2) 72" Seats, TenderTuff-Coated Steel, Moveable (Landscape Structures® 141684A)	1,981.55	272.88
11 68 13 00-1167	EA	72" TenderTuff-Coated Picnic Table, (2) 72" Seats, TenderTuff-Coated Steel, Direct Bury (Landscape Structures® 141684B)	2,074.09	272.88
11 68 13 00-1168	EA	92" TenderTuff-Coated Picnic Table, (2) 92" Seats, TenderTuff-Coated Steel, Moveable (Landscape Structures® 141684C)	2,083.34	272.88
11 68 13 00-1169	EA	92" TenderTuff-Coated Picnic Table, (2) 92" Seats, TenderTuff-Coated Steel, Direct Bury (Landscape Structures® 141684D)	2,222.13	272.88
11 68 13 00-1170	EA	92" TenderTuff-Coated Picnic Table, (2) 72" Seats, TenderTuff-Coated Steel, Moveable (Landscape Structures® 141684E)	2,037.07	272.88

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11 68 13 00-1171	EA	92" TenderTuff-Coated Picnic Table, (2) 72" Seats, TenderTuff-Coated Steel, Direct Bury (Landscape Structures® 141684F)	2,148.11	272.88
11 68 13 00-1172	EA	Square Picnic Table With 4 Seats, TenderTuff-Coated Steel, Movable (Landscape Structures® 154345A)	1,889.62	56.85
11 68 13 00-1173	EA	Square Picnic Table With 3 Seats, TenderTuff-Coated Steel, Movable (Landscape Structures® 154345B)	1,713.81	56.85
11 68 13 00-1174	EA	Square Picnic Table With 2 Seats, TenderTuff-Coated Steel, Movable (Landscape Structures® 154345C)	1,565.76	56.85
11 68 13 00-1175	EA	Kish Valley Grill, (Direct Bury Only) (Landscape Structures® 100101A)	835.43	68.23
11 68 13 00-1176	EA	Loop Rack, Surface Mount, Powdercoated (Landscape Structures® 100102C)	715.14	68.23
11 68 13 00-1177	EA	Loop Rack, Surface Mount, TenderTuff-Coated (Landscape Structures® 100102D)	964.98	68.23
11 68 13 00-1178		**Standalone Playground Equipment** *(11 68 13)*		
11 68 13 00-1179		**Ground Socket For Movable Posts** *(11 68 13 00-1178)*		
11 68 13 00-1180	PR	Ground Socket For 2-3/8" Post For Playground Equipment	310.05	69.82
11 68 13 00-1181	PR	Ground Socket For 3-1/2" Post For Playground Equipment	463.27	69.82
11 68 13 00-1182		**See-Saws** *(11 68 13 00-1178)*		
11 68 13 00-1183		**Steel See-Saw** *(11 68 13 00-1182)*		
11 68 13 00-1184	EA	2 Unit Steel See-Saw	2,557.92	429.69
11 68 13 00-1185	EA	4 Unit Steel See-Saw	4,078.87	507.77
11 68 13 00-1186	EA	6 Unit Steel See-Saw	5,627.05	620.63
11 68 13 00-1187		**14' Long Laminated Beam** *(11 68 13 00-1182)*		
11 68 13 00-1188	EA	Beam Is Supported By Two 12 In x 12 In Stepping Column Posts	2,659.95	379.93
11 68 13 00-1189	EA	Beam Is Supported By Two 8 In x 8 In Posts	1,862.28	338.45
11 68 13 00-1190		**Slides** *(11 68 13 00-1178)*		
11 68 13 00-1191	EA	8' Long x 4' High Slide With Stainless Steel Bed	3,061.07	491.33
11 68 13 00-1192	EA	12' Long x 6' High Slide With Stainless Steel Bed	4,298.01	698.21
11 68 13 00-1193	EA	16' Long x 8' High Slide With Stainless Steel Bed	4,761.08	775.79
11 68 13 00-1194	EA	20' Long x 10' High Slide With Stainless Steel Bed	5,936.99	859.36
11 68 13 00-1195	EA	6' High, 360 Degree One Piece Molded Polyethylene Slide	18,654.75	1,351.83
11 68 13 00-1196	EA	7' High, 360 Degree Slide, Stainless Steel Bed	17,986.51	1,394.56
11 68 13 00-1197	EA	9' High, 360 Degree Slide, Stainless Steel Bed	22,558.51	1,465.72
11 68 13 00-1198		**Whirlers** *(11 68 13 00-1178)*		
11 68 13 00-1199	EA	8' Diameter Whirler	6,808.27	930.95
11 68 13 00-1200	EA	10' Diameter Whirler	7,918.79	1,117.14
11 68 13 00-1201		**Other Standalone Playground Equipment** *(11 68 13 00-1178)*		
11 68 13 00-1202		**Miscellaneous Standalone Playground Equipment** *(11 68 13 00-1201)*		
11 68 13 00-1203	EA	Horizontal Ladder	2,141.35	248.72
11 68 13 00-1204	EA	Tether Ball Post	367.85	48.61
11 68 13 00-1205	PR	10'-6" Long Multiple Purpose Post	565.53	85.96
11 68 13 00-1206	EA	3-Person Fiberglass Golf Tee Shelter Turntable	9,670.78	242.87
11 68 13 00-1207	EA	Horizontal Turning Bars, 1 Bar	694.02	129.78
11 68 13 00-1208	EA	Horizontal Turning Bars, 2 Bars	933.11	155.13
11 68 13 00-1209	EA	Horizontal Turning Bars, 3 Bars	1,257.53	206.83
11 68 13 00-1210	EA	Horizontal Turning Bars, 5 Bars	1,834.57	284.40
11 68 13 00-1211	EA	Top Goal Opening With 4 Exit Holes (One Each Side) And 8' Pole	1,878.52	118.41
11 68 13 00-1212	EA	Top Goal Opening With 4 Exit Holes (One Each Side) And 10' Pole	2,067.64	127.83
11 68 13 00-1213	EA	Coil Spring With Single Riding Aluminum Saddle Devices	2,025.97	137.03
11 68 13 00-1214	EA	"C" Spring With Single Riding Aluminum Saddle Devices	2,248.66	117.89
11 68 13 00-1215	EA	Rubber Spring With Single Riding Aluminum Saddle Devices	2,769.43	154.40
11 68 13 00-1216	EA	Coil Spring Assembly Only	520.74	56.78
11 68 13 00-1217	EA	"C" Spring Assembly Only	346.05	37.85
11 68 13 00-1218	EA	Rubber Spring Assembly Only	277.38	73.84
11 68 13 00-1219	EA	Footbuck Assembly Only	89.96	9.92
11 68 13 00-1220	EA	Two Seat, Two Spring Action Cars (4'-8" x 2'-8")	2,299.56	141.99
11 68 13 00-1221		**Freestanding Panels** *(11 68 13 00-1201)* Note: Rotomolded polyethylene.		
11 68 13 00-1222	EA	Tic-Tac-Toe Panel	979.28	60.81
11 68 13 00-1223	EA	24" Bubble Panel	1,467.01	91.11
11 68 13 00-1224	EA	Fire Engine Panel	2,152.88	133.72
11 68 13 00-1225	EA	Flat Mirror Panel	1,722.30	107.03
11 68 13 00-1226	EA	Wavy Mirror Panel	2,549.14	158.44
11 68 13 00-1227	EA	Paint Time Panel	1,653.71	102.80
11 68 13 00-1228	EA	Phone Time Panel	1,173.60	72.90
11 68 13 00-1229	EA	Phone Time With Graphic Panel	1,173.60	72.90
11 68 13 00-1230	EA	Race Time Panel	2,057.60	127.83
11 68 13 00-1231	EA	Rescue 911 Panel	2,087.64	127.83
11 68 13 00-1232	EA	Eastern/Central/Western States Panel	1,124.07	69.81

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11 68 13 00-1233	EA	Career People Panel	1,276.47	79.32
11 68 13 00-1234	EA	Solar System Panel	1,276.47	79.32
11 68 13 00-1235	EA	Animals Panel	1,276.47	79.32
11 68 13 00-1236		**Freestanding Panels Uprights** *(11 68 13 00-1201)*		
11 68 13 00-1237	EA	3-1/2" Outside Diameter End Panel Upright	308.42	34.13
11 68 13 00-1238	EA	3-1/2" Outside Diameter 90 Degree Upright	334.14	36.92
11 68 13 00-1239	EA	3-1/2" Outside Diameter 180 Degree Upright	334.14	36.92
11 68 13 00-1240	EA	3-1/2" Outside Diameter "T-Shaped" Upright	355.55	39.30
11 68 13 00-1241		**Coasters** *(11 68 13 00-1201)*		
11 68 13 00-1242	EA	12' Single Metal Coaster With Four Posts	7,558.16	413.67
11 68 13 00-1243	EA	18' Single Metal Coaster With Four Posts	8,468.21	517.08
11 68 13 00-1244	EA	12' Double Metal Coaster With Four Posts	12,211.37	620.50
11 68 13 00-1245	EA	18' Double Metal Coaster With Four Posts	13,908.29	775.63
11 68 13 00-1246		**Climbers** *(11 68 13 00-1201)*		
11 68 13 00-1247	EA	Tower Climber, 3.17' Diameter x 7.25' High	1,445.94	276.33
11 68 13 00-1248	EA	Arch Climber, 2' x 12' x 4.5' High	1,324.81	338.38
11 68 13 00-1249	EA	Arch Climber, 2' x 15' x 5.83' High	1,431.89	276.33
11 68 13 00-1250	EA	Arch Climber, 2' x 17' x 6.58' High	1,533.29	338.38
11 68 13 00-1251	EA	Rainbow Climber, 2' x 10'-5" x 4' High	1,636.71	276.02
11 68 13 00-1252	EA	Rainbow Climber, 2' x 10'-5" x 5' High	1,824.41	276.12
11 68 13 00-1253	EA	Rainbow Climber, 2' x 12'-5" x 6' High	2,111.94	276.12
11 68 13 00-1254	EA	Rainbow Climber, 2' x 15'-4" x 7' High	2,299.95	276.02
11 68 13 00-1255	EA	Double Level Arch Climber, 6' Wide x 12'-6" x 6' High Upper Section / 5' High Lower Section	2,772.08	323.17
11 68 13 00-1256	EA	12' Long Horizontal Ladder Climber	2,250.81	241.32
11 68 13 00-1257	EA	14' Long Horizontal Ladder Climber	2,282.44	241.32
11 68 13 00-1258	EA	16' Long Horizontal Ladder Climber	2,491.91	241.32
11 68 13 00-1259	EA	Bell Climber, 7'-5" High With Double Bars	2,368.46	310.25
11 68 13 00-1260	EA	2-Way Climber	1,992.15	248.72
11 68 13 00-1261	EA	4-Way Climber	3,129.23	248.72
11 68 13 00-1262		**Swings** *(11 68 13 00-1178)*		
11 68 13 00-1263		**Two-Leg-End Swings, 2-3/8" Diameter Galvanized Steel Top Rail** *(11 68 13 00-1262)* Note: Legs, 1-7/8" diameter, traditional.		
11 68 13 00-1264	EA	8' High Top Rail, One Section Two Seats	1,899.14	379.93
		For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*219.29*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*241.84*	
11 68 13 00-1265	EA	8' High Top Rail, Two Sections Four Seats	3,022.14	543.67
		For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*350.61*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*393.10*	
11 68 13 00-1266	EA	8' High Top Rail, Three Sections, Six Seats	4,184.43	800.00
		For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*484.95*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*541.73*	
11 68 13 00-1267	EA	8' High Top Rail, Four Sections, Eight Seats	5,237.78	930.95
		For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*608.16*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*683.82*	
11 68 13 00-1268	EA	10' High Top Rail, One Section Two Seats	2,020.31	379.93
		For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*234.44*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*263.05*	
11 68 13 00-1269	EA	10' High Top Rail, Two Section Four Seats	3,165.08	579.05
		For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*365.89*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*405.17*	
11 68 13 00-1270	EA	10' High Top Rail, Three Sections, Six Seats	4,379.16	899.19
		For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*504.56*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*552.18*	
11 68 13 00-1271	EA	10' High Top Rail, Four Sections, Eight Seats	5,789.64	1,086.11
		For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*669.38*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*741.55*	
11 68 13 00-1272		**Three-Leg-End Swings, 2-3/8" Diameter Galvanized Steel Top Rail** *(11 68 13 00-1262)* Note: Legs, 1-7/8" diameter, traditional.		
11 68 13 00-1273	EA	8' High Top Rail, One Section, Two Seats	2,156.09	335.56
		For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*252.73*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*293.42*	
11 68 13 00-1274	EA	8' High Top Rail, Two Sections, Four Seats	3,129.35	486.89
		For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*366.83*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*425.92*	
11 68 13 00-1275	EA	8' High Top Rail, Three Sections, Six Seats	4,175.34	651.15
		For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*489.36*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*567.90*	
11 68 13 00-1276	EA	8' High Top Rail, Four Sections, Eight Seats	5,208.54	775.79
		For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*612.27*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*717.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-1277	EA	10' High Top Rail, One Section, Two Seats	2,431.39	378.17
		For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*285.02*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*330.96*	
11 68 13 00-1278	EA	10' High Top Rail, One Section Three Seats	2,536.58	401.03
		For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*297.97*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*348.39*	
11 68 13 00-1279	EA	10' High Top Rail, Two Sections, Four Seats	3,394.71	529.40
		For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*397.87*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*461.71*	
11 68 13 00-1280	EA	10' High Top Rail, Two Sections, Six Seats	4,071.11	610.29
		For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*479.81*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*567.07*	
11 68 13 00-1281	EA	10' High Top Rail, Three Section, Six Seats	4,518.66	704.32
		For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*529.62*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*614.68*	
11 68 13 00-1282	EA	10' High Top Rail, Three Sections, Nine Seats	5,603.98	776.10
		For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*661.70*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*786.72*	
11 68 13 00-1283	EA	10' High Top Rail, Four Section, Eight Seats	5,740.08	930.95
		For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*670.95*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*771.72*	
11 68 13 00-1284	EA	12' High Top Rail, One Section Three Seats	2,651.10	410.75
		For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*311.82*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*366.10*	
11 68 13 00-1285	EA	12' High Top Rail, Two Sections, Six Seats	4,311.08	660.87
		For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*507.40*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*597.03*	
11 68 13 00-1286	EA	12' High Top Rail, Three Sections, Nine Seats	6,306.90	1,058.48
		For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*736.64*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*845.11*	

11 68 13 00-1287 Swing Accessories *(11 68 13 00-1262)*

11 68 13 00-1288	EA	Enclosed Tot Seat With Chain And Hardware	616.39	31.19
11 68 13 00-1289	EA	Bucket Seat With Chain And Hardware	512.43	25.94
11 68 13 00-1290	EA	Belt Seat With Chain And Hardware	545.84	27.69
11 68 13 00-1291	EA	Seat With Chain And Hardware	538.42	27.28
11 68 13 00-1292	EA	Wide Seat With Chain And Hardware	568.33	28.82
11 68 13 00-1293	EA	Handi Seat With Chain And Hardware	1,696.93	85.96
11 68 13 00-1294	LF	0.4 Lb./LF Replacement Chain	7.15	0.62
11 68 13 00-1295	LF	1 Lb./LF Replacement Chain	13.29	1.23
11 68 13 00-1296	EA	Swing Hanger Replacement	77.70	7.10

11 68 13 00-1297 Playground Equipment (Play Foundation Inc) *(11 68 13)*

Note: Section includes all demolition/ dismantling of the existing playground structure, removal of existing surfacing, removal of existing footings, and removal/ dismantling of existing safety sign (s). All installation of new playground structure, surfacing, footings (per manufacturer's instructions), and safety sign. Includes: All necessary preparation of existing surface for new playground structure to include grading the area flat, removal of all asphalt, concrete, and other such debris from the site prior to installation. Layout of the actual footprint of the play structure. Surfacing material must be a minimum of three inch (3") thick poured in place. Install per manufacturers recommendations. Certified Playground Installer. Footings for components that require a footing (vertical post, slide foot, climbers, etc.) are to be 12"x12"x18" Concrete for footings mush have a minimum rating of 2,500 PSI and must be mixed per manufacturers recommendations.

11 68 13 00-1298	EA	Furnish & Install 32-45 Child Capacity, 49'-1" x 44'-6" Use Zone, Playground System "Big Sky" And Safety Sign (Play Foundation Inc PGBNL-32470) Note: Includes mobilization. Includes Demo of Existing Play Equipment at 5-12 Play Area & (2) Additional Signs & Place in Dumpsters (Provided by Others). Includes Removal of Footings at Play Equipment. Sign Posts to be Ground Flush with Slab & Filled with Concrete (Qty. 4 Posts)	64,646.00
11 68 13 00-1299	EA	Furnish & Install 3,310 SF of 3" Uniform Thickness SpectraPour Safety Surfacing Note: Includes mobilization and Recompacting of Base at 5-12 Play Area Adding Aggregate Material as Needed. Wear Layer to be 50% Standard Color / 50% Black Mixed with Standard Aromatic Resin. Standard Colors Include: Red (Terracotta), Green, Blue, Light Blude & Beige. Includes Demo of Existing PIP Surfacing at 2-5 & 5-12 Play Areas & Place in Dumpsters (Provided by Others) (Qty. 3,310 SF)	65,443.00

11 68 13 00-1300 Playground Equipment (Zoom Recreation) *(11 68 13)*

Note: Section includes all demolition/ dismantling of the existing playground structure, removal of existing surfacing, removal of existing footings, and removal/ dismantling of existing safety sign (s). All installation of new playground structure, surfacing, footings (per manufacturer's instructions), and safety sign. Includes: All necessary preparation of existing surface for new playground structure to include grading the area flat, removal of all asphalt, concrete, and other such debris from the site prior to installation. Layout of the actual footprint of the play structure. Surfacing material must be a minimum of three inch (3") thick poured in place. Install per manufacturers recommendations. Certified Playground Installer. Footings for components that require a footing (vertical post, slide foot, climbers, etc.) are to be 12"x12"x18" Concrete for footings mush have a minimum rating of 2,500 PSI and must be mixed per manufacturers recommendations.

11 68 13 00-1301	EA	Site #1; Provide & install 25-30 Child Capcity, 30' x 34' Use Zone, 18' x 22' Playground Structure And Area Sign (Zoom Recreation PS3-70645) Note: (30'x34') 1380 square feet. Demo existing play structure and surfacing and dispose in provided dumpsters. Recompact existing base. Professional installation of Superior play structure PS3-70645. Install age appropriate sign.	57,159.15
11 68 13 00-1302	EA	Site #1 Surfacing; Provide & install 1380 SF of 3" total uniform thickness SpectraPour safety surfacing. Note: 3" uniform thickness is certified for a max. fall height of 5'-0". Wear layer to be 50% standard color / 50% black mixed with standard aromatic resin. Standard Colors include: Standard Red (Terracotta); Standard Green; Standard Blue; Light (Sky) Blue; and Beige.	24,892.50

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-1303	EA	Site #2; Provide & install Inclusive Half Yolk Play Panel on 4 In-ground posts.	3,583.48	
11 68 13 00-1304	EA	Site #2; Provide & install Inclusive Half Maze Play Panel on 4 In-ground posts.	2,623.58	
11 68 13 00-1305	EA	Site #2; Provide & install Tic Tac Toe Panel on 4 In-ground posts.	3,855.48	
11 68 13 00-1306	EA	Site #3; Provide & install 22 Child Capcity, 31' x 31' Use Zone, 18' x 18' Playground Structure (Zoom Recreation PS3-32207) Note: (30'x30') 900 square feet. Demo existing play structure and PIP surfacing, dispose in provided dumpsters. Recompact existing base. Install Superior Play Systen No. PS3-32207 and Age appropiate in-ground sign.	42,455.80	
11 68 13 00-1307	EA	Site #3 Surfacing; Provide & install 900 square feet of 3" total uniform thickness SpectraPour safety surfacing. Note: 3" uniform thickness is certified for a max. fall height of 6'-0". Wear layer to be 50% standard color / 50% black mixed with standard aromatic resin. Standard Colors include: Standard Red (Terracotta); Standard Green; Standard Blue; Light (Sky) Blue; and Beige.	20,217.08	
11 68 13 00-1308	EA	Site #4; Provide & install 34 Child Capcity, 30' x 35' Use Zone, 18' x 23' Playground Structure (Zoom Recreation PS3-71103) Note: 1540 square feet. Demo existing play structure and PIP surfacing. Dispose in provided dumpsters. Recompact existing base. Install Superior Play System No. PS3-71103 and Age appropriate in-ground sign.	71,231.57	
11 68 13 00-1309	EA	Site #4 Surfacing; Provide & install 1570 square feet of 3" total uniform thickness SpectraPour safety surfacing. Note: 3" uniform thickness is certified for a max. fall height of 7'-0". Wear layer to be 50% standard color / 50% black mixed with standard aromatic resin. Standard Colors include: Standard Red (Terracotta); Standard Green; Standard Blue; Light (Sky) Blue; and Beige.	26,428.57	
11 68 13 00-1310	EA	Site #5; Provide & install in-ground mount, musical instrument - Glockenspiel	3,006.63	
11 68 13 00-1311	EA	Site #5; Provide & install in-ground mount, musical instrument - Tuned Drum	6,442.70	
11 68 13 00-1312	EA	Site #5; Provide & install in-ground mount, musical instrument - Orange Flower	3,362.94	

11 68 16 Play Structures *(11 68)*

11 68 16 00-0001 Playground Shade Structures *(11 68 16)*

Note: USA Shade & Fabric Structures, Inc. Excludes custom engineering, architect fees, site survey, fencing, logos, special equipment, earthwork, drilling hole, core drilling and backfill. See CSI section 32 31 13 13-0001 for drilling and backfill of posts in soil.

11 68 16 00-0002 Free-Form Tri-Sail *(11 68 16 00-0001)*

Note: Outdoor fabric structure, specified fabric high-density polyethylene (HDPE) Colourshade®.

11 68 16 00-0003	EA	18' Single Free-Form Tri-Sail Shade Structure, 10' And 14' Maximum Opening Height, 3 Posts	34,244.58	

11 68 16 00-0004 Playground Shade Cloth *(11 68 16)*

11 68 16 00-0005	SF	201-400 sq ft Custom Shade Sail, Alnet's Extrablock Shadecloth Note: Includes custom cutting of material to size, seaming edges and placement of attachment gromets.	10.28	1.54
11 68 16 00-0006	LF	1/4" Diameter, Stainless Steel, Cable For Alnet's Extrablock Shadecloth Note: Installation onto existing posts only with new hardware and cables.	0.84	0.10
11 68 16 00-0007	EA	1/4" Diameter, Stainless Steel, Clamp For Alnet's Extrablock Shadecloth Note: Installation onto existing posts only with new hardware and cables.	12.08	3.09
11 68 16 00-0008	EA	10mm, D Ring Thimble For Alnet's Extrablock Shadecloth Note: Installation onto existing posts only with new hardware and cables.	15.89	3.09
11 68 16 00-0009	EA	10mm, Turnbuckle For Alnet's Extrablock Shadecloth Note: Installation onto existing posts only with new hardware and cables.	45.77	3.09
11 68 16 00-0010	EA	10mm, Bow Shackle For Alnet's Extrablock Shadecloth Note: Installation onto existing posts only with new hardware and cables.	17.39	2.06

11 68 16 00-0011 Playground Shade Structures (Shade Structures, Inc. dba USA Shade & Fabric Structures) *(11 68 16)*

Note: Excludes custom engineering, architect fees, site survey, temporary fencing, logos, post pads, special equipment (e.g. cranes for limited site access, hydro-excavation for high soil water table), soil removal from site, core drilling for concrete slab on grade, cutting of pavers or specialty finished surfaces including removal of PlayMatta tiles, alternate footing configuration due to site specific geotechanical report requirements, underground utility scan, moving or re-routing of underground utilities, and hard rock subsurface conditions.

11 68 16 00-0012 Single Ridge *(11 68 16 00-0011)*

Note: Outdoor fabric structure, specified fabric high-density polyethylene (HDPE) Colourshade®.

11 68 16 00-0013	EA	18' x 18' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	26,242.59	
11 68 16 00-0014	EA	18' x 18' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	27,149.31	
11 68 16 00-0015	EA	18' x 18' Single Ridge Shade Structure, 15' Opening Height, 4 Posts	28,615.37	
11 68 16 00-0016	EA	20' x 20' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	27,218.10	
11 68 16 00-0017	EA	20' x 20' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	28,033.91	
11 68 16 00-0018	EA	20' x 20' Single Ridge Shade Structure, 15' Opening Height, 4 Posts	29,547.74	
11 68 16 00-0019	EA	20' x 30' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	37,448.65	
11 68 16 00-0020	EA	20' x 30' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	38,435.17	
11 68 16 00-0021	EA	20' x 30' Single Ridge Shade Structure, 15' Opening Height, 4 Posts	40,510.64	
11 68 16 00-0022	EA	30' x 30' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	49,632.21	
11 68 16 00-0023	EA	30' x 30' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	51,173.86	
11 68 16 00-0024	EA	30' x 30' Single Ridge Shade Structure, 15' Opening Height, 4 Posts	53,937.27	
11 68 16 00-0025	EA	30' x 40' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	66,059.82	
11 68 16 00-0026	EA	30' x 40' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	68,455.62	
11 68 16 00-0027	EA	30' x 40' Single Ridge Shade Structure, 15' Opening Height, 4 Posts	72,152.21	
11 68 16 00-0028	EA	40' x 40' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	81,884.03	
11 68 16 00-0029	EA	40' x 40' Single Ridge Shade Structure, 15' Opening Height, 4 Posts	86,305.76	

11 68 16 00-0030 Double Ridge *(11 68 16 00-0011)*

Note: Outdoor fabric structure, specified fabric high-density polyethylene (HDPE) Colourshade®.

11 68 16 00-0031	EA	20' x 40' Double Ridge Shade Structure, 10' Opening Height, 6 Posts	54,283.38	
11 68 16 00-0032	EA	20' x 40' Double Ridge Shade Structure, 12' Opening Height, 6 Posts	55,938.70	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 16 00-0033	EA	20' x 40' Double Ridge Shade Structure, 15' Opening Height, 6 Posts	58,959.37	
11 68 16 00-0034	EA	20' x 60' Double Ridge Shade Structure, 10' Opening Height, 6 Posts	86,869.97	
11 68 16 00-0035	EA	20' x 60' Double Ridge Shade Structure, 12' Opening Height, 6 Posts	91,191.13	
11 68 16 00-0036	EA	20' x 60' Double Ridge Shade Structure, 15' Opening Height, 6 Posts	96,115.45	
11 68 16 00-0037	EA	25' x 50 Double Ridge Shade Structure, 10' Opening Height, 6 Posts	88,381.80	
11 68 16 00-0038	EA	25' x 50 Double Ridge Shade Structure, 12' Opening Height, 6 Posts	91,140.97	
11 68 16 00-0039	EA	25' x 50 Double Ridge Shade Structure, 15' Opening Height, 6 Posts	96,062.58	
11 68 16 00-0040	EA	30' x 60' Double Ridge Shade Structure, 10' Opening Height, 6 Posts	92,168.12	
11 68 16 00-0041	EA	30' x 60' Double Ridge Shade Structure, 12' Opening Height, 6 Posts	94,845.52	
11 68 16 00-0042	EA	30' x 60' Double Ridge Shade Structure, 15' Opening Height, 6 Posts	99,967.17	
11 68 16 00-0043	EA	40' x 60' Double Ridge Shade Structure, 10' Opening Height, 6 Posts	99,754.63	
11 68 16 00-0044	EA	40' x 60' Double Ridge Shade Structure, 12' Opening Height, 6 Posts	98,943.60	
11 68 16 00-0045	EA	40' x 60' Double Ridge Shade Structure, 15' Opening Height, 6 Posts	104,286.53	

11 68 16 00-0046 Interconnected Quad Lineal Ridge *(11 68 16 00-0011)*

Note: Outdoor fabric structure, specified fabric high-density polyethylene (HDPE) Colourshade®.

11 68 16 00-0047	EA	40' x 120' Quad-Lineal Ridge Shade Structure, 10' Opening Height, 10 Posts	255,814.40	
11 68 16 00-0048	EA	40' x 120' Quad-Lineal Ridge Shade Structure, 12' Opening Height, 10 Posts	268,016.73	
11 68 16 00-0049	EA	40' x 120' Quad-Lineal Ridge Shade Structure, 15' Opening Height, 10 Posts	280,107.03	

11 68 16 00-0050 Quad Ridge *(11 68 16 00-0011)*

Note: Outdoor fabric structure, specified fabric high-density polyethylene (HDPE) Colourshade®.

11 68 16 00-0051	EA	40' x 40' Quad Ridge Shade Structure, 10' Opening Height, 9 Posts	81,760.17	
11 68 16 00-0052	EA	40' x 40' Quad Ridge Shade Structure, 12' Opening Height, 9 Posts	84,125.67	
11 68 16 00-0053	EA	40' x 40' Quad Ridge Shade Structure, 15' Opening Height, 9 Posts	88,666.80	
11 68 16 00-0054	EA	40' x 60' Quad Ridge Shade Structure, 10' Opening Height, 9 Posts	119,604.22	
11 68 16 00-0055	EA	40' x 60' Quad Ridge Shade Structure, 12' Opening Height, 9 Posts	122,978.34	
11 68 16 00-0056	EA	40' x 60' Quad Ridge Shade Structure, 15' Opening Height, 9 Posts	129,619.19	
11 68 16 00-0057	EA	50' x 50' Quad Ridge Shade Structure, 10' Opening Height, 9 Posts	164,670.09	
11 68 16 00-0058	EA	50' x 50' Quad Ridge Shade Structure, 12' Opening Height, 9 Posts	169,666.17	
11 68 16 00-0059	EA	50' x 50' Quad Ridge Shade Structure, 15' Opening Height, 9 Posts	178,828.15	
11 68 16 00-0060	EA	50' x 60' Quad Ridge Shade Structure, 10' Opening Height, 9 Posts	167,450.60	
11 68 16 00-0061	EA	50' x 60' Quad Ridge Shade Structure, 12' Opening Height, 9 Posts	172,736.97	
11 68 16 00-0062	EA	50' x 60' Quad Ridge Shade Structure, 15' Opening Height, 9 Posts	182,064.80	
11 68 16 00-0063	EA	60' x 60' Quad Ridge Shade Structure, 10' Opening Height, 9 Posts	175,690.19	
11 68 16 00-0064	EA	60' x 60' Quad Ridge Shade Structure, 12' Opening Height, 9 Posts	180,965.50	
11 68 16 00-0065	EA	60' x 60' Quad Ridge Shade Structure, 15' Opening Height, 9 Posts	190,737.63	

11 68 16 00-0066 Peak-Roof Triangle *(11 68 16 00-0011)*

Note: Outdoor fabric structure, specified fabric high-density polyethylene (HDPE) Colourshade®.

11 68 16 00-0067	EA	30' Peak-Roof Triangle Shade Structure, 12' Opening Height, 3 Posts	41,294.33	
11 68 16 00-0068	EA	30' Peak-Roof Triangle Shade Structure, 15' Opening Height, 3 Posts	43,225.05	
11 68 16 00-0069	EA	40' Peak-Roof Triangle Shade Structure, 12' Opening Height, 3 Posts	54,277.54	
11 68 16 00-0070	EA	40' Peak-Roof Triangle Shade Structure, 15' Opening Height, 3 Posts	56,815.78	

11 68 16 00-0071 Peak-Roof Hexagon *(11 68 16 00-0011)*

Note: Outdoor fabric structure, specified fabric high-density polyethylene (HDPE) Colourshade®.

11 68 16 00-0072	EA	40' Peak-Roof Hexagon Shade Structure, 12' Opening Height, 6 Posts	83,630.98	
11 68 16 00-0073	EA	40' Peak-Roof Hexagon Shade Structure, 15' Opening Height, 6 Posts	87,543.14	
11 68 16 00-0074	EA	60' Peak-Roof Hexagon Shade Structure, 12' Opening Height, 6 Posts	147,023.72	
11 68 16 00-0075	EA	60' Peak-Roof Hexagon Shade Structure, 15' Opening Height, 6 Posts	153,904.91	

11 68 16 00-0076 Free-Form Hypar-Sail *(11 68 16 00-0011)*

Note: Outdoor fabric structure, specified fabric high-density polyethylene (HDPE) Colourshade®; drilling rig is already included in the pricing.

11 68 16 00-0077	EA	20' x 20' Single 4-Point Sail Shade Structure, 14' Opening Height, 4 Posts	50,093.87	
11 68 16 00-0078	EA	20' x 20' Single 4-Point Sail Shade Structure, 19' Opening Height, 4 Posts	72,278.69	
11 68 16 00-0079	EA	30' x 30' Single 4-Point Sail Shade Structure, 14' Opening Height, 4 Posts	76,441.63	
11 68 16 00-0080	EA	30' x 30' Single 4-Point Sail Shade Structure, 19' Opening Height, 4 Posts	120,529.06	

11 68 16 00-0081 Free-Form Tri-Sail *(11 68 16 00-0011)*

Note: Outdoor fabric structure, specified fabric high-density polyethylene (HDPE) Colourshade®; drilling rig is already included in the pricing.

11 68 16 00-0082	EA	30' Single Free-form Tri-Sail Shade Structure, 14' Opening Height, 3 Posts	53,308.98	
11 68 16 00-0083	EA	30' Single Free-form Tri-Sail Shade Structure, 19' Opening Height, 3 Posts	78,646.15	

11 68 16 00-0084 Single Post *(11 68 16 00-0011)*

Note: Outdoor fabric structure, specified fabric high-density polyethylene (HDPE) Colourshade®.

11 68 16 00-0085	EA	14' x 14' Single Post Peak Shade Structure, 10' Opening Height, 1 Post	22,922.70	
11 68 16 00-0086	EA	14' x 14' Single Post Peak Shade Structure, 12' Opening Height, 1 Post	23,550.15	
11 68 16 00-0087	EA	16' x 16' Single Post Peak Shade Structure, 10' Opening Height, 1 Post	27,453.06	
11 68 16 00-0088	EA	16' x 16' Single Post Peak Shade Structure, 12' Opening Height, 1 Post	28,935.51	
11 68 16 00-0089	EA	18' x 18' Single Post Peak Shade Structure, 10' Opening Height, 1 Post	27,998.60	
11 68 16 00-0090	EA	18' x 18' Single Post Peak Shade Structure, 12' Opening Height, 1 Post	29,510.52	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 16 00-0091	EA	20' x 20' Single Post Peak Shade Structure, 10' Opening Height, 1 Post	28,520.31	
11 68 16 00-0092	EA	20' x 20' Single Post Peak Shade Structure, 12' Opening Height, 1 Post	30,060.41	
11 68 16 00-0093		Single Post Pyramid *(11 68 16 00-0011)*		
		Note: Outdoor fabric structure, specified fabric high-density polyethylene (HDPE) Colourshade®.		
11 68 16 00-0094	EA	14' x 14' Single Post Peak Pyramind Shade Structure, 10' Opening Height, 1 Post	23,840.67	
11 68 16 00-0095	EA	14' x 14' Single Post Peak Pyramind Shade Structure, 12' Opening Height, 1 Post	25,168.66	
11 68 16 00-0096		Full Cantilevers *(11 68 16 00-0011)*		
		Note: Outdoor fabric structure, specified fabric high-density polyethylene (HDPE) Colourshade®.		
11 68 16 00-0097	EA	20' x 30' Full Cantilever Single Shade Structure, 12' Opening Height, 2 Posts	65,718.43	
11 68 16 00-0098	EA	20' x 30' Full Cantilever Single Shade Structure, 15' Opening Height, 2 Posts	68,792.97	
11 68 16 00-0099	EA	20' x 60' Full Cantilever Joined Shade Structure, 12' Opening Height, 3 Posts	97,419.68	
11 68 16 00-0100	EA	20' x 60' Full Cantilever Joined Shade Structure, 15' Opening Height, 3 Posts	101,978.41	
11 68 16 00-0101		Tri-Truss Cantilevers *(11 68 16 00-0011)*		
		Note: Outdoor fabric structure, specified fabric high-density polyethylene (HDPE) Colourshade®.		
11 68 16 00-0102	EA	20' x 30' Tri-Truss Cantilever Single Shade Structure, 12' Opening Height, 2 Posts	78,789.69	
11 68 16 00-0103	EA	20' x 30' Tri-Truss Cantilever Single Shade Structure, 15' Opening Height, 2 Posts	82,478.59	
11 68 16 00-0104	EA	20' x 60' Tri-Truss Cantilever Joined Shade Structure, 12' Opening Height, 3 Posts	101,171.74	
11 68 16 00-0105	EA	20' x 60' Tri-Truss Cantilever Joined Shade Structure, 15' Opening Height, 3 Posts	105,905.53	
11 68 16 00-0106		Peak-Roof Multi-Layered *(11 68 16 00-0011)*		
		Note: Outdoor fabric structure, specified fabric high-density polyethylene (HDPE) Colourshade®		
11 68 16 00-0107	EA	30' x 30' Single Peak-Roof Shade Structure, 10' Opening Height, 4 Posts	61,576.76	
11 68 16 00-0108	EA	30' x 30' Single Peak-Roof Shade Structure, 12' Opening Height, 4 Posts	65,330.91	
11 68 16 00-0109	EA	30' x 30' Single Peak-Roof Shade Structure, 15' Opening Height, 4 Posts	68,401.45	
11 68 16 00-0110	EA	30' x 60' Double Peak- Roof Shade Structure, 10' Opening Height, 6 Posts	96,927.13	
11 68 16 00-0111	EA	30' x 60' Double Peak- Roof Shade Structure, 12' Opening Height, 6 Posts	101,707.39	
11 68 16 00-0112	EA	30' x 60' Double Peak- Roof Shade Structure, 15' Opening Height, 6 Posts	106,723.38	
11 68 16 00-0113	EA	60' x 60' Quad Peak-Roof Shade Structure, 10' Opening Height, 9 Posts	165,523.40	
11 68 16 00-0114	EA	60' x 60' Quad Peak-Roof Shade Structure, 12' Opening Height, 9 Posts	173,686.68	
11 68 16 00-0115	EA	60' x 60' Quad Peak-Roof Shade Structure, 15' Opening Height, 9 Posts	182,252.55	
11 68 23		**Exterior Court Athletic Equipment** *(11 68)*		
11 68 23 13		**Exterior Basketball Equipment** *(11 68 23)*		
11 68 23 13-0001		Basketball Components *(11 68 23 13)*		
11 68 23 13-0002	EA	Anti-Whip, Nylon Cord Basketball Net (Porter Athletic 09608-120)	36.20	10.34
11 68 23 13-0003	EA	Chain Basketball Net (Porter Athletic 00161-000)	63.55	10.34
11 68 23 13-0004	EA	Heavy-Duty Goal Ring (Porter Athletic 00235-000)	145.68	51.71
11 68 23 13-0005	EA	Goal Ring For Steel Net (Porter Athletic 00251-H00)	262.23	23.27
11 68 23 13-0006	EA	42" x 72" Rectangular Fully Tempered Glass Basketball Backboard With Steel Frame (Porter Athletic 00204-000)	1,507.91	43.95
		Note: Includes perimeter and target markings. Excludes pole and goal.		
11 68 23 13-0007	EA	42" x 72" Rectangular 11 Gauge Perforated Steel Basketball Backboard (Porter Athletic 01207-300)	1,936.61	43.95
		Note: Includes perimeter and target markings. Excludes pole and goal.		
11 68 23 13-0008	EA	54" x 39" Fan Shaped Cast Aluminum Basketball Backboard (Porter Athletic 00234-300)	988.49	38.78
		Note: Includes perimeter and target markings. Excludes pole and goal.		
11 68 23 13-0009	EA	54" x 39" Fan Shaped Fiberglass Basketball Backboard (Porter Athletic 00267-000)	1,080.99	38.78
		Note: Includes perimeter and target markings. Excludes pole and goal.		
11 68 23 13-0010		Basketball Systems *(11 68 23 13)*		
		See CSI section 32 31 13 13-0001 for auguring holes and concrete.		
11 68 23 13-0011	EA	4-1/2" Bent Post Galvanized Steel Pole With 4' Extension, Aluminum Backboard, Double Rim Goal And Steel Net Basketball System (Sportsplay 541-616)	2,402.88	245.71
11 68 23 13-0012	EA	5-9/16" Bent Post Galvanized Steel Pole With 6' Extension Style, Aluminum Backboard, Double Rim Goal And Nylon Net Basketball System (Porter Athletic 00176-230)	4,361.78	270.28
		For Fan Shaped Fiberglass Backboard, Deduct	*-133.00*	
		For 42" x 72" Perforated Steel Backboard, Add	*350.00*	
11 68 23 13-0013	EA	4-1/2" Galvanized Steel Pole With 4' Extension, Aluminum Backboard, Double Rim Goal And Nylon Net Basketball System (Porter Athletic 00164-230)	2,778.90	245.71
		For Fan Shaped Fiberglass Backboard, Deduct	*-133.00*	
		For 42" x 72" Perforated Steel Backboard, Add	*350.00*	
11 68 23 13-0014	EA	5-9/16" Galvanized Steel Pole With 6' Extension, Aluminum Backboard, Double Rim Goal And Nylon Net Basketball System (Porter Athletic 00166-230)	4,361.78	270.28
		For Fan Shaped Fiberglass Backboard, Deduct	*-133.00*	
		For 42" x 72" Perforated Steel Backboard, Add	*350.00*	
11 68 23 13-0015	EA	Back To Back 6" Galvanized Steel Pole With 5' Extensions, Aluminum Backboards, Double Rim Goals And Nylon Net Double Basketball System (Porter Athletic 195582)	7,860.70	397.47
		For Fan Shaped Fiberglass Backboard, Deduct	*-498.00*	
		For 42" x 72" Perforated Steel Backboard, Add	*700.00*	
11 68 23 33		**Tennis Equipment** *(11 68 23)*		
11 68 23 33-0001		Tennis Court Net Posts *(11 68 23 33)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 23 33-0002	PR	Round, Powder Coated Steel, Tennis Court Net Posts With External Winder	1,250.73	175.84
11 68 23 33-0003	PR	Round, Powder Coated Steel, Tennis Court Net Posts With Internal Brass Winder	1,569.94	175.84
11 68 23 33-0004	PR	Square, Powder Coated Steel, Tennis Court Net Posts With Internal Brass Winder	1,623.14	175.84
11 68 23 33-0005	PR	Round, Powder Coated Aluminum, Tennis Court Net Posts With External Winder	1,715.15	175.84
11 68 23 33-0006	PR	Round, Powder Coated Aluminum, Tennis Court Net Posts With Internal Winder	2,042.73	175.84
11 68 23 33-0007	PR	Polyvinyl Chloride (PVC) Ground Sleeves For Tennis Court Net Posts	310.62	
11 68 23 33-0008	PR	Galvanized Steel Ground Sleeves For Tennis Court Net Posts	350.38	
11 68 23 33-0009		Tennis Court Nets *(11 68 23 33)*		
11 68 23 33-0010	EA	42' Length, Single Top, Vinyl Headband, Polyethylene Net Body, Tennis Court Net	662.64	173.78
11 68 23 33-0011	EA	42' Length, Double Top, Vinyl Headband, Polyethylene Net Body, Tennis Court Net	726.12	173.78
11 68 23 33-0012	EA	42' Length, Anti-Vandal, Aluminum Coated Flexible Steel Mesh, Tennis Court Net	1,560.30	267.39
11 68 23 33-0013	EA	Galvanized Steel Anchor For Tennis Court Net Center Strap	86.31	

11 68 33 Athletic Field Equipment *(11 68)*

11 68 33 13 Football Field Equipment *(11 68 33)*

11 68 33 13-0001 Football Goal Posts *(11 68 33 13)*

Note: Includes augering for post(s), set in concrete and backfill.

11 68 33 13-0002	PR	Double Steel Football Goal Posts, "H Shape"	5,372.26	465.37
11 68 33 13-0003	PR	Vertical Style Goal Post, Single In Ground Mounting, Steel With 20' Uprights	7,414.43	609.03
11 68 33 13-0004	PR	Gooseneck (Offset) Style Goal Post, Single In Ground Mounting, Steel, With 20' Uprights	8,854.52	730.84

11 68 33 23 Soccer and Field Hockey Equipment *(11 68 33)*

11 68 33 23-0001 Soccer Goal Posts *(11 68 33 23)*

Note: Includes augering for post(s), set in concrete and backfill.

11 68 33 23-0002	PR	Regulation Soccer Goal Posts	5,166.82	310.32
11 68 33 23-0003	PR	Combination Football/Soccer Goal Post	6,217.12	465.37

11 68 33 33 Baseball Field Equipment *(11 68 33)*

11 68 33 33-0001 Bases *(11 68 33 33)*

11 68 33 33-0002	SET	Bases For Baseball Or Softball	617.10	

11 80 Facility Maintenance and Operation Equipment *(11)*

11 81 Maintenance Equipment *(11 80)*

11 81 29 Facility Fall Protection *(11 81)*

11 81 29 00-0001 Safety And Tie-Back Anchors *(11 81 29)*

Note: One cut sheet charge required per manufacturer order. Excludes flashing and testing by engineer after installation. See CSI section 01 22 20 00-0062 for engineering testing and inspection.

11 81 29 00-0002 Roof Mounted, Safety And Tie-Back Anchors *(11 81 29 00-0001)*

Note: Includes up to 10" high, 0.216" thick hollow structural section tube, 1018 steel forged pad eye, 8" x 8" x 1/2" base plate and hot-dipped galvanized finish.

11 81 29 00-0003	EA	Up To 10" High, 0.216" Thick, Hollow Structural Section Tube, 1018 Steel Forged Pad Eye, 8" x 8" x 1/2" Base Plate And Hot-Dipped Galvanized Finish, Mechanically Fastened, Roof Mounted, Safety And Tie-Back Anchor (Summit Anchor) Note: Includes drilling in concrete, anchor bolts and bottom plate or plates.	800.84	85.41
		For Stainless Steel Pad Eye, Add	*40.00*	
		For Foam Insulation Filled HSS Tube, Add	*10.00*	
11 81 29 00-0004	EA	Up To 10" High, 0.216" Thick, Hollow Structural Section Tube, 1018 Steel Forged Pad Eye, 8" x 8" x 1/2" Base Plate And Hot-Dipped Galvanized Finish, Epoxy Fastened, Roof Mounted, Safety And Tie-Back Anchor (Summit Anchor) Note: Includes drilling in concrete and adhesive anchor systems.	682.57	85.41
		For Stainless Steel Pad Eye, Add	*40.00*	
		For Foam Insulation Filled HSS Tube, Add	*10.00*	
11 81 29 00-0005	EA	Up To 10" High, 0.216" Thick, Hollow Structural Section Tube, 1018 Steel Forged Pad Eye, 8" x 8" x 1/2" Base Plate And Hot-Dipped Galvanized Finish, Welded In Place, Roof Mounted, Safety And Tie-Back Anchor (Summit Anchor)	515.59	88.28
		For Stainless Steel Pad Eye, Add	*40.00*	
		For Foam Insulation Filled HSS Tube, Add	*10.00*	

11 81 29 00-0006 Wall Mounted, Safety And Tie-Back Anchor *(11 81 29 00-0001)*

Note: Includes 1018 steel forged pad eye, 10" x 4" x 1/2" base plate and hot-dipped galvanized finish.

11 81 29 00-0007	EA	Steel Forged Pad Eye (1018), 10" x 4" x 1/2" Base Plate And Hot-Dipped Galvanized Finish, Mechanically Fastened, Wall Mounted, Safety And Tie-Back Anchor (Summit Anchor) Note: Includes drilling in concrete, anchor bolts and bottom plate or plates.	564.09	85.41
		For Stainless Steel Pad Eye, Add	*40.00*	
11 81 29 00-0008	EA	Steel Forged Pad Eye (1018), 10" x 4" x 1/2" Base Plate And Hot-Dipped Galvanized Finish, Epoxy Fastened, Wall Mounted, Safety And Tie-Back Anchor (Summit Anchor) Note: Includes drilling in concrete and adhesive anchor systems.	506.09	85.41
		For Stainless Steel Pad Eye, Add	*40.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 81 29 00-0009	EA	Steel Forged Pad Eye (1018), 10" x 4" x 1/2" Base Plate And Hot-Dipped Galvanized Finish, Welded In Place, Wall Mounted, Safety And Tie-Back Anchor (Summit Anchor)	452.80	88.28
		For Stainless Steel Pad Eye, Add	*40.00*	

11 81 29 00-0010 Safety And Tie-Back Anchor Accessories *(11 81 29 00-0001)*

11 81 29 00-0011	EA	Mandatory Cut Sheets For Safety And Tie-Back Anchors (Summit Anchor) Note: One cut sheet required per order.	456.60	

11 81 29 00-0012 Ladder Safety And Fall Protection *(11 81 29)*

11 81 29 00-0013	EA	Galvanized Standard Top Bracket With Mounting Hardware (Captial Safety Group-USA Lad-Saf™ 6116280)	306.65	19.47
11 81 29 00-0014	EA	Galvanized 1x7 Cable, 3/8" 24' Long (Captial Safety Group-USA Lad-Saf™ 6110024)	46.24	2.83
11 81 29 00-0015	EA	Galvanized 1x7 Cable, 3/8" 30' Long (Captial Safety Group-USA Lad-Saf™ 6110030)	57.80	7.08
11 81 29 00-0016	EA	Galvanized 1x7 Cable, 3/8" 40' Long (Captial Safety Group-USA Lad-Saf™ 6110040)	77.07	4.72
11 81 29 00-0017	EA	Galvanized 1x7 Cable, 3/8" 50' Long (Captial Safety Group-USA Lad-Saf™ 6110050)	96.34	5.90
11 81 29 00-0018	EA	Non-metallic Cable Guide With Mounting Hardware (Captial Safety Group-USA Lad-Saf™ 6110400)	63.19	4.43
11 81 29 00-0019	EA	Flexible Cable Sleeve (Captial Safety Group-USA Lad-Saf™ 6160054)	590.35	11.80
11 81 29 00-0020	EA	Galvanized Standard Bottom Bracket (Captial Safety Group-USA Lad-Saf™ 6100090)	141.03	11.69

11 81 29 00-0021 Fall-Arrest Systems *(11 81 29)*

11 81 29 00-0022 Horizontal *(11 81 29 00-0021)*

11 81 29 00-0023	LF	Trolley Rail Fall Arrest System Note: Price per LF of trolley rail. Includes engineering, certification, design, fabrication, delivery, installation, training materials, equipment and five year warranty.	707.99	45.88

11 81 29 00-0024 Anchor Points *(11 81 29 00-0021)*

11 81 29 00-0025	EA	Roof Anchor, 16" x 16" Base With 12" High Post Note: Guardian CD-12 series	662.15	
11 81 29 00-0026	EA	Roof Anchor, 12" x 12" Base With 18" High Post Note: Guardian CD-18 series	775.91	
11 81 29 00-0027	EA	Bolt On Roof Anchor Note: Guardian CD-1-B series	295.24	
11 81 29 00-0028	EA	Fall Arrest Anchor Attachment To 2" x 8" Stud Note: Super Anchor ARS 2x8	141.59	
11 81 29 00-0029	EA	Fall Arrest Anchor Attachment To 2" x 12" Stud Note: Super Anchor ARS 2x12	164.56	

11 81 29 00-0030 Roofing Safety Tie-Back Anchor, Attached To Wood *(11 81 29)*

11 81 29 00-0031	EA	20 Gauge Stainless Steel Anchor And DI Chromeate D-Ring, Roofing Safety Tie Back Anchor, Attached To Wood (SUPER ANCHOR RS-20)	67.35	

11 90 Other Equipment *(11)*

11 97 Security Equipment *(11 90)*

11 97 26 Detention Gun Lockers *(11 97)*

11 97 26 00-0001 Hinged Door Gun Lock *(11 97 26)*

Note: Two keys per locker with one master.

11 97 26 00-0002	EA	8 Compartment Pistol Locker, 20-1/8" High x 15-1/8" Wide x 17-1/4" Deep, Double Welded 20 Gauge Steel Body, 10 Gauge Steel Door	3,516.31	60.38

11 97 26 00-0003 Hinged-Door Gun Locker *(11 97 26)*

Note: Includes master key for each set of 4 compartments, two keys per compartment.

11 97 26 00-0004	EA	4 Compartment Pistol Locker, 11-1/4" High x 16-1/4" Wide x 16-3/4" Deep, 16 Gauge, Foam Filled, Painted With Powder Coat Finish	1,371.46	42.27
11 97 26 00-0005	EA	8 Compartment Pistol Locker, 11-1/2" High x 32-3/4" Wide x 17-1/4" Deep, 16 Gauge, Foam Filled, Painted With Powder Coat Finish	3,124.60	60.38
11 97 26 00-0006	EA	16 Compartment Pistol Locker, 11-1/2" High x 32-3/4" Wide x 17-1/4" Deep, 16 Gauge, Foam Filled, Painted With Powder Coat Finish	5,723.49	72.45
11 97 26 00-0007	EA	24 Compartment Pistol Locker, 11-1/2" High x 32-3/4" Wide x 17-1/4" Deep, 16 Gauge, Foam Filled, Painted With Powder Coat Finish	8,298.23	72.45

11 98 Detention Equipment *(11 90)*

11 98 12 Detention Doors and Frames *(11 98)*

11 98 12 00-0001 Metal Detention Doors *(11 98 12)*

Note: Flush type reinforced with stiffeners.

11 98 12 00-0002 10 Gauge 1-3/4" Metal Detention Door *(11 98 12 00-0001)*

11 98 12 00-0003	EA	2' x 6'-8" x 1-3/4" 10 Gauge Metal Detention Door	621.48	63.21
11 98 12 00-0004	EA	2'-4" x 6'-8" x 1-3/4" 10 Gauge Metal Detention Door	628.56	63.21
11 98 12 00-0005	EA	2'-6" x 6'-8" x 1-3/4" 10 Gauge Metal Detention Door	635.62	63.21

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 98 12 00-0006	EA	2'-8" x 6'-8" x 1-3/4" 10 Gauge Metal Detention Door	642.70	63.21
11 98 12 00-0007	EA	3' x 6'-8" x 1-3/4" 10 Gauge Metal Detention Door	649.76	63.21
11 98 12 00-0008	EA	3'-4" x 6'-8" x 1-3/4" 10 Gauge Metal Detention Door	685.12	63.21
11 98 12 00-0009	EA	2' x 7' x 1-3/4" 10 Gauge Metal Detention Door	665.46	63.21
11 98 12 00-0010	EA	2'-4" x 7' x 1-3/4" 10 Gauge Metal Detention Door	672.81	63.21
11 98 12 00-0011	EA	2'-6" x 7' x 1-3/4" 10 Gauge Metal Detention Door	677.44	63.21
11 98 12 00-0012	EA	2'-8" x 7' x 1-3/4" 10 Gauge Metal Detention Door	741.82	63.21
11 98 12 00-0013	EA	3' x 7' x 1-3/4" 10 Gauge Metal Detention Door	897.24	63.21
11 98 12 00-0014	EA	3'-4" x 7' x 1-3/4" 10 Gauge Metal Detention Door	977.19	63.21
11 98 12 00-0015	EA	2' x 7'-2" x 1-3/4" 10 Gauge Metal Detention Door	646.23	63.21
11 98 12 00-0016	EA	2'-4" x 7'-2" x 1-3/4" 10 Gauge Metal Detention Door	653.30	63.21
11 98 12 00-0017	EA	2'-6" x 7'-2" x 1-3/4" 10 Gauge Metal Detention Door	660.37	63.21
11 98 12 00-0018	EA	2'-8" x 7'-2" x 1-3/4" 10 Gauge Metal Detention Door	667.44	63.21
11 98 12 00-0019	EA	3' x 7'-2" x 1-3/4" 10 Gauge Metal Detention Door	674.51	63.21
11 98 12 00-0020	EA	3'-4" x 7-2" x 1-3/4" 10 Gauge Metal Detention Door	709.87	63.21

11 98 12 00-0021 Pneumatic Door Operators *(11 98 12)*

11 98 12 00-0022	EA	Pneumatic Detention Cell Entry Door Operator With Hardware Set	4,887.50
11 98 12 00-0023	EA	Pneumatic Special Housing Detention Cell Door Operator With Hardware Set	5,380.24
11 98 12 00-0024	EA	Pneumatic MS Detention Cell Door Operator With Hardware Set	6,870.84
11 98 12 00-0025	EA	Pneumatic Sally Port Detention Door Operator With Hardware Set	8,059.68
11 98 12 00-0026	EA	Pneumatic Corridor Detention Door Operator With Hardware Set	10,039.72
11 98 12 00-0027	EA	Emergency Release Cabinet With Seven Gallon Storage Tank, Check Valve, Pressure Gauge, Three Way Valves And Four Release Valves	4,971.64

END OF SECTION 11

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

12 Furnishings

12 01 Operation and Maintenance of Furnishings *(12)*

12 01 60 Operation and Maintenance of Multiple Seating *(12 01)*

12 01 60 00-0001 Repair Fixed Auditorium Seating *(12 01 60)*

12 01 60 00-0002	EA	Removal And Replacement Of Hardwood/Plywood Auditorium Seat Part	200.12	
12 01 60 00-0003	EA	Removal And Replacement Of Auditorium Seat Armrest Part	92.03	
12 01 60 00-0004	EA	Removal And Replacement Of End Armrest Part	129.46	
12 01 60 00-0005	EA	Removal And Replacement Of Auditorium Seat Kick Plate Part	151.31	
12 01 60 00-0006	EA	Removal And Replacement Of Auditorium Seat Long Back Part	244.09	
12 01 60 00-0007	EA	Removal And Replacement Of Auditorium Seat Center Standard Part	195.59	
12 01 60 00-0008	EA	Removal And Replacement Of Auditorium Seat Back Bracket Part	70.79	
12 01 60 00-0009	EA	Removal And Replacement Of Auditorium Seat Bracket Part	75.67	
12 01 60 00-0010	EA	Secure Seat To Floor	72.46	
12 01 60 00-0011	EA	Removal And Reinstallation Of Existing Auditorium Seat In Concrete Floor Note: Includes drilling and fasteners.	75.30	
		For Epoxy Anchoring, Add	*25.78*	
		For Expansion Anchor Mounting With Anchor Caps, Add	*25.83*	
		For Epoxy Anchor Mounting With Anchor Caps, Add	*30.40*	
12 01 60 00-0012	EA	Reupholster Auditorium Seat And Back Note: Includes removal of existing upholstery.	220.19	

12 20 Window Treatments *(12)*

12 21 Window Blinds *(12 20)*

12 21 13 Horizontal Louver Blinds *(12 21)*

Note: Includes head rail, brackets, cords and all hardware.

12 21 13 13 Metal Horizontal Louver Blinds *(12 21 13)*

12 21 13 13-0001 Aluminum Horizontal Louver Blinds *(12 21 13 13)*

12 21 13 13-0002	SF	1/2" x 0.006" Slats, Aluminum Horizontal Louver Blinds	12.40	1.03
12 21 13 13-0003	SF	1" x 0.006" Slats, Aluminum Horizontal Louver Blinds	10.16	1.03
12 21 13 13-0004	SF	1" x 0.008" Slats, Aluminum Horizontal Louver Blinds	11.02	1.03
12 21 13 13-0005	SF	2" x 0.008" Slats, Aluminum Horizontal Louver Blinds	12.74	1.03

12 21 13 33 Plastic Horizontal Louver Blinds *(12 21 13)*

12 21 13 33-0001 Vinyl Horizontal Louver Blinds *(12 21 13 33)*

12 21 13 33-0002	SF	1" Slats, Vinyl Horizontal Louver Blinds	10.50	1.03
12 21 13 33-0003	SF	2" Slats, Vinyl Horizontal Louver Blinds	12.14	1.03

12 21 16 Vertical Louver Blinds *(12 21)*

Note: Includes head rail, brackets, cords and all hardware.

12 21 16 13 Metal Vertical Louver Blinds *(12 21 16)*

12 21 16 13-0001 Aluminum Vertical Louver Blinds *(12 21 16 13)*

12 21 16 13-0002	SF	3-1/2" x 0.008" Slats, Aluminum Vertical Louver Blinds	14.49	2.18

12 21 16 33 Plastic Vertical Louver Blinds *(12 21 16)*

12 21 16 33-0001 Vinyl Vertical Louver Blinds *(12 21 16 33)*

12 21 16 33-0002	SF	2" Slats, Vinyl Vertical Louver Blinds	9.40	2.18
12 21 16 33-0003	SF	3-1/2" Slats, Vinyl Vertical Louver Blinds	13.11	2.18

12 22 Curtains and Drapes *(12 20)*

12 22 13 Draperies *(12 22)*

12 22 13 00-0001 Lined Draperies *(12 22 13)*

Note: Width dimensions are the panel width at top excluding returns and overlaps.

12 22 13 00-0002 Up To 48" Wide Lined Draperies *(12 22 13 00-0001)*

12 22 13 00-0003	EA	Up To 39" Long, Up To 48" Wide Lined Draperies	372.25	14.24
12 22 13 00-0004	EA	>39" To 63" Long, Up To 48" Wide Lined Draperies	387.70	14.24
12 22 13 00-0005	EA	>63" To 72" Long, Up To 48" Wide Lined Draperies	412.81	14.24
12 22 13 00-0006	EA	>72" To 81" Long, Up To 48" Wide Lined Draperies	422.46	14.24
12 22 13 00-0007	EA	>81" To 90" Long, Up To 48" Wide Lined Draperies	445.64	14.24
12 22 13 00-0008	EA	>90" To 99" Long, Up To 48" Wide Lined Draperies	476.54	14.24
12 22 13 00-0009	EA	>99" To 108" Long, Up To 48" Wide Lined Draperies	495.85	14.24
12 22 13 00-0010	EA	>108" To 120" Long, Up To 48" Wide Lined Draperies	522.89	14.24

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 22 13 00-0011	EA	>120" To 130" Long, Up To 48" Wide Lined Draperies	565.38	14.24
12 22 13 00-0012		**>48" To 72" Wide Lined Draperies** *(12 22 13 00-0001)*		
12 22 13 00-0013	EA	Up To 39" Long, >48" To 72" Wide Lined Draperies	540.87	19.36
12 22 13 00-0014	EA	>39" To 63" Long, >48" To 72" Wide Lined Draperies	575.63	19.36
12 22 13 00-0015	EA	>63" To 72" Long, >48" To 72" Wide Lined Draperies	602.67	19.36
12 22 13 00-0016	EA	>72" To 81" Long, >48" To 72" Wide Lined Draperies	625.84	19.36
12 22 13 00-0017	EA	>81" To 90" Long, >48" To 72" Wide Lined Draperies	679.92	19.36
12 22 13 00-0018	EA	>90" To 99" Long, >48" To 72" Wide Lined Draperies	706.96	19.36
12 22 13 00-0019	EA	>99" To 108" Long, >48" To 72" Wide Lined Draperies	730.14	19.36
12 22 13 00-0020	EA	>108" To 120" Long, >48" To 72" Wide Lined Draperies	780.35	19.36
12 22 13 00-0021	EA	>120" To 130" Long, >48" To 72" Wide Lined Draperies	834.43	19.36
12 22 13 00-0022		**>72" To 96" Wide Lined Draperies** *(12 22 13 00-0001)*		
12 22 13 00-0023	EA	Up To 39" Long, >72" To 96" Wide Lined Draperies	717.21	24.49
12 22 13 00-0024	EA	>39" To 63" Long, >72" To 96" Wide Lined Draperies	767.43	24.49
12 22 13 00-0025	EA	>63" To 72" Long, >72" To 96" Wide Lined Draperies	790.60	24.49
12 22 13 00-0026	EA	>72" To 81" Long, >72" To 96" Wide Lined Draperies	844.68	24.49
12 22 13 00-0027	EA	>81" To 90" Long, >72" To 96" Wide Lined Draperies	894.89	24.49
12 22 13 00-0028	EA	>90" To 99" Long, >72" To 96" Wide Lined Draperies	945.11	24.49
12 22 13 00-0029	EA	>99" To 108" Long, >72" To 96" Wide Lined Draperies	972.15	24.49
12 22 13 00-0030	EA	>108" To 120" Long, >72" To 96" Wide Lined Draperies	1,026.22	24.49
12 22 13 00-0031	EA	>120" To 130" Long, >72" To 96" Wide Lined Draperies	1,099.61	24.49
12 22 13 00-0032		**>96" To 120" Wide Lined Draperies** *(12 22 13 00-0001)*		
12 22 13 00-0033	EA	Up To 39" Long, >96" To 120" Wide Lined Draperies	905.14	29.61
12 22 13 00-0034	EA	>39" To 63" Long, >96" To 120" Wide Lined Draperies	955.36	29.61
12 22 13 00-0035	EA	>63" To 72" Long, >96" To 120" Wide Lined Draperies	982.40	29.61
12 22 13 00-0036	EA	>72" To 81" Long, >96" To 120" Wide Lined Draperies	1,059.65	29.61
12 22 13 00-0037	EA	>81" To 90" Long, >96" To 120" Wide Lined Draperies	1,109.86	29.61
12 22 13 00-0038	EA	>90" To 99" Long, >96" To 120" Wide Lined Draperies	1,163.94	29.61
12 22 13 00-0039	EA	>99" To 108" Long, >96" To 120" Wide Lined Draperies	1,455.35	29.61
12 22 13 00-0040	EA	>108" To 120" Long, >96" To 120" Wide Lined Draperies	1,295.27	29.61
12 22 13 00-0041	EA	>120" To 130" Long, >96" To 120" Wide Lined Draperies	1,333.90	29.61
12 22 13 00-0042		**>120" To 144" Wide Lined Draperies** *(12 22 13 00-0001)*		
12 22 13 00-0043	EA	Up To 39" Long, >120" To 144" Wide Lined Draperies	1,069.90	34.73
12 22 13 00-0044	EA	>39" To 63" Long, >120" To 144" Wide Lined Draperies	1,143.29	34.73
12 22 13 00-0045	EA	>63" To 72" Long, >120" To 144" Wide Lined Draperies	1,170.33	34.73
12 22 13 00-0046	EA	>72" To 81" Long, >120" To 144" Wide Lined Draperies	1,247.58	34.73
12 22 13 00-0047	EA	>81" To 90" Long, >120" To 144" Wide Lined Draperies	1,324.84	34.73
12 22 13 00-0048	EA	>90" To 99" Long, >120" To 144" Wide Lined Draperies	1,402.09	34.73
12 22 13 00-0049	EA	>99" To 108" Long, >120" To 144" Wide Lined Draperies	1,479.34	34.73
12 22 13 00-0050	EA	>108" To 120" Long, >120" To 144" Wide Lined Draperies	1,556.60	34.73
12 22 13 00-0051	EA	>120" To 130" Long, >120" To 144" Wide Lined Draperies	1,653.16	34.73
12 22 13 00-0052		**>144" To 168" Wide Lined Draperies** *(12 22 13 00-0001)*		
12 22 13 00-0053	EA	Up To 39" Long, >144" To 168" Wide Lined Draperies	1,257.83	39.86
12 22 13 00-0054	EA	>39" To 63" Long, >144" To 168" Wide Lined Draperies	1,335.09	39.86
12 22 13 00-0055	EA	>63" To 72" Long, >144" To 168" Wide Lined Draperies	1,393.03	39.86
12 22 13 00-0056	EA	>72" To 81" Long, >144" To 168" Wide Lined Draperies	1,470.28	39.86
12 22 13 00-0057	EA	>81" To 90" Long, >144" To 168" Wide Lined Draperies	1,547.53	39.86
12 22 13 00-0058	EA	>90" To 99" Long, >144" To 168" Wide Lined Draperies	1,644.10	39.86
12 22 13 00-0059	EA	>99" To 108" Long, >144" To 168" Wide Lined Draperies	1,721.35	39.86
12 22 13 00-0060	EA	>108" To 120" Long, >144" To 168" Wide Lined Draperies	1,798.61	39.86
12 22 13 00-0061	EA	>120" To 130" Long, >144" To 168" Wide Lined Draperies	1,933.80	39.86
12 22 13 00-0062		**>168" To 192" Wide Lined Draperies** *(12 22 13 00-0001)*		
12 22 13 00-0063	EA	Up To 39" Long, >168" To 192" Wide Lined Draperies	1,422.59	44.98
12 22 13 00-0064	EA	>39" To 63" Long, >168" To 192" Wide Lined Draperies	1,519.16	44.98
12 22 13 00-0065	EA	>63" To 72" Long, >168" To 192" Wide Lined Draperies	1,577.10	44.98
12 22 13 00-0066	EA	>72" To 81" Long, >168" To 192" Wide Lined Draperies	1,673.66	44.98
12 22 13 00-0067	EA	>81" To 90" Long, >168" To 192" Wide Lined Draperies	1,750.91	44.98
12 22 13 00-0068	EA	>90" To 99" Long, >168" To 192" Wide Lined Draperies	1,847.48	44.98
12 22 13 00-0069	EA	>99" To 108" Long, >168" To 192" Wide Lined Draperies	2,001.99	44.98
12 22 13 00-0070	EA	>108" To 120" Long, >168" To 192" Wide Lined Draperies	2,059.93	44.98
12 22 13 00-0071	EA	>120" To 130" Long, >168" To 192" Wide Lined Draperies	2,195.12	44.98
12 22 13 00-0072		**>192" To 216" Wide Lined Draperies** *(12 22 13 00-0001)*		
12 22 13 00-0073	EA	Up To 39" Long, >192" To 216" Wide Lined Draperies	1,606.66	50.11
12 22 13 00-0074	EA	>39" To 63" Long, >192" To 216" Wide Lined Draperies	1,683.91	50.11
12 22 13 00-0075	EA	>63" To 72" Long, >192" To 216" Wide Lined Draperies	1,761.16	50.11
12 22 13 00-0076	EA	>72" To 81" Long, >192" To 216" Wide Lined Draperies	1,877.04	50.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 22 13 00-0077	EA	>81" To 90" Long, >192" To 216" Wide Lined Draperies	1,992.92	50.11
12 22 13 00-0078	EA	>90" To 99" Long, >192" To 216" Wide Lined Draperies	2,108.80	50.11
12 22 13 00-0079	EA	>99" To 108" Long, >192" To 216" Wide Lined Draperies	2,205.37	50.11
12 22 13 00-0080	EA	>108" To 120" Long, >192" To 216" Wide Lined Draperies	2,301.94	50.11
12 22 13 00-0081	EA	>120" To 130" Long, >192" To 216" Wide Lined Draperies	2,475.76	50.11
12 22 13 00-0082		>216" To 240" Wide Lined Draperies *(12 22 13 00-0001)*		
12 22 13 00-0083	EA	Up To 39" Long, >216" To 240" Wide Lined Draperies	1,771.41	55.23
12 22 13 00-0084	EA	>39" To 63" Long, >216" To 240" Wide Lined Draperies	1,906.61	55.23
12 22 13 00-0085	EA	>63" To 72" Long, >216" To 240" Wide Lined Draperies	1,964.55	55.23
12 22 13 00-0086	EA	>72" To 81" Long, >216" To 240" Wide Lined Draperies	2,080.43	55.23
12 22 13 00-0087	EA	>81" To 90" Long, >216" To 240" Wide Lined Draperies	2,215.62	55.23
12 22 13 00-0088	EA	>90" To 99" Long, >216" To 240" Wide Lined Draperies	2,331.50	55.23
12 22 13 00-0089	EA	>99" To 108" Long, >216" To 240" Wide Lined Draperies	2,447.38	55.23
12 22 13 00-0090	EA	>108" To 120" Long, >216" To 240" Wide Lined Draperies	2,563.26	55.23
12 22 13 00-0091	EA	>120" To 130" Long, >216" To 240" Wide Lined Draperies	2,756.39	55.23
12 22 16		**Drapery Track and Accessories** *(12 22)*		
12 22 16 00-0001		Metal Wall Or Ceiling Mount Drapery Tracks *(12 22 16)*		
12 22 16 00-0002		Basic Traverse Rod *(12 22 16 00-0001)*		
12 22 16 00-0003	EA	Traverse Rod, 30" To 50" Extension Metal Wall Or Ceiling Mounted Track	150.54	48.94
12 22 16 00-0004	EA	Traverse Rod, 50" To 90" Extension Metal Wall Or Ceiling Mounted Track	178.32	48.94
12 22 16 00-0005	EA	Traverse Rod, 84' To 156" Extension Metal Wall Or Ceiling Mounted Track	212.93	54.37
12 22 16 00-0006	EA	Traverse Rod, 136" To 250" Extension Metal Wall Or Ceiling Mounted Track	299.68	54.37
12 22 16 00-0007	EA	Traverse Rod, 165" To 312" Extension Metal Wall Or Ceiling Mounted Track	309.86	59.81
12 22 16 00-0008		Traverse Rod With Stationary Curtain Rod *(12 22 16 00-0001)*		
12 22 16 00-0009	EA	Tray And Curtain Rod, 30" To 50" Extension Metal Wall Or Ceiling Mounted Track	177.16	48.94
12 22 16 00-0010	EA	Tray And Curtain Rod, 50" To 90" Extension Metal Wall Or Ceiling Mounted Track	195.10	48.94
12 22 16 00-0011	EA	Tray And Curtain Rod, 84" To 156" Extension Metal Wall Or Ceiling Mounted Track	255.17	54.37
12 22 16 00-0012	EA	Tray And Curtain Rod, 136" To 250" Extension Metal Wall Or Ceiling Mounted Track	293.07	59.81
12 22 16 00-0013		Double Traverse Rod *(12 22 16 00-0001)*		
12 22 16 00-0014	EA	Double Traverse Rod, 30" To 50" Extension Metal Wall Or Ceiling Mounted Track	222.88	48.94
12 22 16 00-0015	EA	Double Traverse Rod, 50" To 90" Extension Metal Wall Or Ceiling Mounted Track	277.28	48.94
12 22 16 00-0016	EA	Double Traverse Rod, 84" To 156" Extension Metal Wall Or Ceiling Mounted Track	350.38	54.37
12 22 16 00-0017	EA	Double Traverse Rod, 136" To 250" Extension Metal Wall Or Ceiling Mounted Track	378.15	59.81
12 22 16 00-0018		Curtain Rods *(12 22 16 00-0001)*		
12 22 16 00-0019	LF	Standard Metal Curtain Rod, White	12.43	2.05
12 22 16 00-0020		Relocate Drapery And Rod *(12 22 16 00-0001)*		
12 22 16 00-0021	LF	Relocate Any Type Of Drapery And Any Type Rod Note: Includes storage and cleaning.	32.62	
12 24		**Window Shades** *(12 20)*		
12 24 13		**Roller Window Shades** *(12 24)*		
12 24 13 00-0001		Roller Window Shades *(12 24 13)*		
12 24 13 00-0002		Vinyl Coated Fiberglass, Roller Window Shades *(12 24 13 00-0001)* Note: Includes roller, brackets, and stainless steel chain operator.		
12 24 13 00-0003	SF	0% Openness, Blackout, Vinyl Coated Fiberglass, Roller Window Shades	15.66	0.68
12 24 13 00-0004	SF	1% To 10% Openness, Vinyl Coated Fiberglass, Roller Window Shades	15.66	0.68
12 24 13 00-0005		Polyvinyl Chloride (PVC) Free, Acrylic Backed Polyester, Roller Window Shades *(12 24 13 00-0001)* Note: Includes roller, brackets, and stainless steel chain operator.		
12 24 13 00-0006	SF	0% Openness, Blackout, Polyvinyl Chloride (PVC) Free, Acrylic Backed Polyester, Roller Window Shades	20.05	0.68
12 24 13 00-0007		Vinyl Coated Polyester, Roller Window Shades *(12 24 13 00-0001)* Note: Includes roller, brackets, and stainless steel chain operator.		
12 24 13 00-0008	SF	1% To 10% Openness, Vinyl Coated Polyester, Roller Window Shades	15.66	0.68
12 25		**Window Treatment Operating Hardware** *(12 20)*		
12 25 13		**Motorized Drapery Rods** *(12 25)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 25 13 00-0001		Motorized Drapery Track *(12 25 13)*		
12 25 13 00-0002	EA	2' To 4' Wide, Motorized Curtain Track (Somfy Glydea 60E)	1,502.22	114.70
12 25 13 00-0003	EA	>4' To 5' Wide, Motorized Curtain Track (Somfy Glydea 60E)	1,565.44	126.17
12 25 13 00-0004	EA	>5' To 6' Wide, Motorized Curtain Track (Somfy Glydea 60E)	1,628.68	137.64
12 25 13 00-0005	EA	>6' To 7' Wide, Motorized Curtain Track (Somfy Glydea 60E)	1,691.91	149.10
12 25 13 00-0006	EA	>7' To 8' Wide, Motorized Curtain Track (Somfy Glydea 60E)	1,755.14	160.57
12 25 13 00-0007	EA	>8' To 9' Wide, Motorized Curtain Track (Somfy Glydea 60E)	1,818.37	172.04
12 25 13 00-0008	EA	>9' To 10' Wide, Motorized Curtain Track (Somfy Glydea 60E)	1,881.60	183.51
12 25 13 00-0009	EA	>10' To 11' Wide, Motorized Curtain Track (Somfy Glydea 60E)	1,944.83	194.98
12 25 13 00-0010	EA	>11' To 12' Wide, Motorized Curtain Track (Somfy Glydea 60E)	2,008.06	206.45
12 25 13 00-0011	EA	>12' To 13' Wide, Motorized Curtain Track (Somfy Glydea 60E)	2,071.30	217.92
12 25 13 00-0012	EA	>13' To 14' Wide, Motorized Curtain Track (Somfy Glydea 60E)	2,134.52	229.39
12 25 13 00-0013	EA	>14' To 15' Wide, Motorized Curtain Track (Somfy Glydea 60E)	2,197.75	240.86
12 25 13 00-0014	EA	>15' To 16' Wide, Motorized Curtain Track (Somfy Glydea 60E)	2,260.98	252.32
12 25 13 00-0015	EA	>16' To 17' Wide, Motorized Curtain Track (Somfy Glydea 60E)	2,324.21	263.80
12 25 13 00-0016	EA	>17' To 18' Wide, Motorized Curtain Track (Somfy Glydea 60E)	2,387.43	275.27
12 25 13 00-0017	EA	>18' To 19' Wide, Motorized Curtain Track (Somfy Glydea 60E)	2,450.67	286.74
12 25 13 00-0018	EA	>19' To 20' Wide, Motorized Curtain Track (Somfy Glydea 60E)	2,513.90	298.21
12 25 13 00-0019	EA	>20' To 21' Wide, Motorized Curtain Track (Somfy Glydea 60E)	2,577.14	309.68
12 25 13 00-0020	EA	>21' To 22' Wide, Motorized Curtain Track (Somfy Glydea 60E)	2,640.36	321.15
12 25 13 00-0021	EA	>22' To 23' Wide, Motorized Curtain Track (Somfy Glydea 60E)	2,703.59	332.62
12 25 13 00-0022	EA	>23' To 24' Wide, Motorized Curtain Track (Somfy Glydea 60E)	2,766.82	344.08

12 30 Casework *(12)*

12 31 Manufactured Metal Casework *(12 30)*

12 31 16 Manufactured Metal Sandwich Panel Casework *(12 31)*

12 31 16 00-0001 34-1/2" High x 24" Deep, Stainless Steel Cabinets *(12 31 16)*

12 31 16 00-0002 18 Gauge, #4 Finish, 304 Stainless Steel Base Cabinets *(12 31 16 00-0001)*

12 31 16 00-0003 18" Stainless Steel Base Cabinet *(12 31 16 00-0002)*

12 31 16 00-0004	EA	18" Stainless Steel Base Cabinet, No Doors Or Drawers	1,981.87	261.67
		For 16 Gauge Stainless Steel, Add	*313.55*	
		For >5 To 9, Deduct	*-76.56*	
		For >9, Deduct	*-153.13*	
12 31 16 00-0005	EA	18" Stainless Steel Base Cabinet, With 4 Drawers	3,220.57	261.67
		For 16 Gauge Stainless Steel, Add	*579.87*	
		For >5 To 9, Deduct	*-141.60*	
		For >9, Deduct	*-283.19*	
12 31 16 00-0006	EA	18" Stainless Steel Base Cabinet, With 3 Drawers	2,986.84	261.67
		For 16 Gauge Stainless Steel, Add	*529.62*	
		For >5 To 9, Deduct	*-129.33*	
		For >9, Deduct	*-258.65*	
12 31 16 00-0007	EA	18" Stainless Steel Base Cabinet, With 2 Drawers	2,753.11	261.67
		For 16 Gauge Stainless Steel, Add	*479.37*	
		For >5 To 9, Deduct	*-117.05*	
		For >9, Deduct	*-234.11*	
12 31 16 00-0008	EA	18" Stainless Steel Base Cabinet, With Doors And Drawers	2,673.79	261.67
		For 16 Gauge Stainless Steel, Add	*462.31*	
		For >5 To 9, Deduct	*-112.89*	
		For >9, Deduct	*-225.78*	

12 31 16 00-0009 24" Stainless Steel Base Cabinet *(12 31 16 00-0002)*

12 31 16 00-0010	EA	24" Stainless Steel Base Cabinet, With Doors And Locks	2,865.33	282.81
		For 16 Gauge Stainless Steel, Add	*494.35*	
		For >5 To 9, Deduct	*-120.71*	
		For >9, Deduct	*-241.43*	
12 31 16 00-0011	EA	24" Stainless Steel Base Cabinet, With Door, No Locks	2,580.13	282.81
		For 16 Gauge Stainless Steel, Add	*433.03*	
		For >5 To 9, Deduct	*-105.74*	
		For >9, Deduct	*-211.48*	
12 31 16 00-0012	EA	24" Stainless Steel Base Cabinet, With Two Doors, No Locks	2,642.57	282.81
		For 16 Gauge Stainless Steel, Add	*446.46*	
		For >5 To 9, Deduct	*-109.02*	
		For >9, Deduct	*-218.04*	
12 31 16 00-0013	EA	24" Stainless Steel Base Cabinet, No Doors, 2 Drawers	2,932.84	282.81
		For 16 Gauge Stainless Steel, Add	*508.86*	
		For >5 To 9, Deduct	*-124.26*	
		For >9, Deduct	*-248.52*	
12 31 16 00-0014	EA	24" Stainless Steel Base Cabinet, With Doors And Drawers, No Locks	3,812.92	282.81
		For 16 Gauge Stainless Steel, Add	*698.08*	
		For >5 To 9, Deduct	*-170.46*	
		For >9, Deduct	*-340.92*	
12 31 16 00-0015	EA	24" Stainless Steel Base Cabinet, With Doors And Drawers, With Locks	4,190.10	282.81
		For 16 Gauge Stainless Steel, Add	*779.18*	
		For >5 To 9, Deduct	*-190.26*	
		For >9, Deduct	*-380.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 31 16 00-0016		**30" Stainless Steel Base Cabinet** *(12 31 16 00-0002)*		
12 31 16 00-0017	EA	30" Stainless Steel Base Cabinet, No Doors, No Drawers	2,521.58	298.02
		For 16 Gauge Stainless Steel, Add	*414.04*	
		For >5 To 9, Deduct	*-101.10*	
		For >9, Deduct	*-202.20*	
12 31 16 00-0018	EA	30" Stainless Steel Base Cabinet, With 4 Full Size Drawers	3,665.78	298.02
		For 16 Gauge Stainless Steel, Add	*660.04*	
		For >5 To 9, Deduct	*-161.17*	
		For >9, Deduct	*-322.35*	
12 31 16 00-0019	EA	30" Stainless Steel Base Cabinet, With Doors, Drawers And Locks	4,717.99	298.02
		For 16 Gauge Stainless Steel, Add	*886.27*	
		For >5 To 9, Deduct	*-216.41*	
		For >9, Deduct	*-432.83*	
12 31 16 00-0020	EA	30" Stainless Steel Base Cabinet, With Doors And Drawers, No Locks	4,340.82	298.02
		For 16 Gauge Stainless Steel, Add	*805.18*	
		For >5 To 9, Deduct	*-196.61*	
		For >9, Deduct	*-393.23*	
12 31 16 00-0021	EA	30" Stainless Steel Base Cabinet, With Doors And One Full Size Drawer	4,107.08	298.02
		For 16 Gauge Stainless Steel, Add	*754.92*	
		For >5 To 9, Deduct	*-184.34*	
		For >9, Deduct	*-368.68*	
12 31 16 00-0022	EA	30" Stainless Steel Base Cabinet, With Doors, No Locks	3,158.65	298.02
		For 16 Gauge Stainless Steel, Add	*551.01*	
		For >5 To 9, Deduct	*-134.55*	
		For >9, Deduct	*-269.10*	
12 31 16 00-0023	EA	30" Stainless Steel Base Cabinet, With Doors And Locks	3,129.96	298.02
		For 16 Gauge Stainless Steel, Add	*544.84*	
		For >5 To 9, Deduct	*-133.04*	
		For >9, Deduct	*-266.08*	
12 31 16 00-0024		**36" Stainless Steel Base Cabinet** *(12 31 16 00-0002)*		
12 31 16 00-0025	EA	36" Stainless Steel Base Cabinet, No Doors, No Drawers	2,785.80	309.85
		For 16 Gauge Stainless Steel, Add	*465.58*	
		For >5 To 9, Deduct	*-113.69*	
		For >9, Deduct	*-227.38*	
12 31 16 00-0026	EA	36" Stainless Steel Base Cabinet, With Doors And Locks	3,395.03	309.85
		For 16 Gauge Stainless Steel, Add	*596.56*	
		For >5 To 9, Deduct	*-145.67*	
		For >9, Deduct	*-291.35*	
12 31 16 00-0027	EA	36" Stainless Steel Base Cabinet, With Door, No Lock	3,170.58	309.85
		For 16 Gauge Stainless Steel, Add	*548.31*	
		For >5 To 9, Deduct	*-133.89*	
		For >9, Deduct	*-267.78*	
12 31 16 00-0028	EA	36" Stainless Steel Base Cabinet, With Doors, Drawers And Lock	4,979.68	309.85
		For 16 Gauge Stainless Steel, Add	*937.26*	
		For >5 To 9, Deduct	*-228.87*	
		For >9, Deduct	*-457.73*	
12 31 16 00-0029	EA	36" Stainless Steel Base Cabinet, With Doors, Drawers, No Locks	4,603.35	309.85
		For 16 Gauge Stainless Steel, Add	*856.35*	
		For >5 To 9, Deduct	*-209.11*	
		For >9, Deduct	*-418.22*	
12 31 16 00-0030		**42" Stainless Steel Base Cabinet** *(12 31 16 00-0002)*		
12 31 16 00-0031	EA	42" Stainless Steel Base Cabinet, No Doors, No Drawers	2,924.41	329.29
		For 16 Gauge Stainless Steel, Add	*487.14*	
		For >5 To 9, Deduct	*-118.95*	
		For >9, Deduct	*-237.90*	
12 31 16 00-0032	EA	42" Stainless Steel Base Cabinet, With Doors, Drawers And Lock	5,252.45	329.29
		For 16 Gauge Stainless Steel, Add	*987.66*	
		For >5 To 9, Deduct	*-241.17*	
		For >9, Deduct	*-482.35*	
12 31 16 00-0033	EA	42" Stainless Steel Base Cabinet, With Doors, Drawers, No Lock	4,875.27	329.29
		For 16 Gauge Stainless Steel, Add	*906.57*	
		For >5 To 9, Deduct	*-221.37*	
		For >9, Deduct	*-442.74*	
12 31 16 00-0034	EA	42" Stainless Steel Base Cabinet, No Doors, 2 Drawers	4,484.59	329.29
		For 16 Gauge Stainless Steel, Add	*822.57*	
		For >5 To 9, Deduct	*-200.86*	
		For >9, Deduct	*-401.72*	
12 31 16 00-0035	EA	42" Stainless Steel Base Cabinet, With Doors, No Lock	3,444.19	329.29
		For 16 Gauge Stainless Steel, Add	*598.89*	
		For >5 To 9, Deduct	*-146.24*	
		For >9, Deduct	*-292.48*	
12 31 16 00-0036	EA	42" Stainless Steel Base Cabinet, With Doors And Lock	3,665.26	329.29
		For 16 Gauge Stainless Steel, Add	*646.42*	
		For >5 To 9, Deduct	*-157.85*	
		For >9, Deduct	*-315.69*	
12 31 16 00-0037		**48" Stainless Steel Base Cabinet** *(12 31 16 00-0002)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 31 16 00-0038	EA	48" Stainless Steel Base Cabinet, With Doors, Drawers And Lock	5,508.68	336.90
		For 16 Gauge Stainless Steel, Add	*1,039.60*	
		For >5 To 9, Deduct	*-253.86*	
		For >9, Deduct	*-507.71*	
12 31 16 00-0039	EA	48" Stainless Steel Base Cabinet, With Doors, Drawers, No Lock	5,132.34	336.90
		For 16 Gauge Stainless Steel, Add	*958.69*	
		For >5 To 9, Deduct	*-234.10*	
		For >9, Deduct	*-468.20*	
12 31 16 00-0040	EA	48" Stainless Steel Base Cabinet, No Doors, No Drawers	3,180.63	336.90
		For 16 Gauge Stainless Steel, Add	*539.07*	
		For >5 To 9, Deduct	*-131.63*	
		For >9, Deduct	*-263.27*	
12 31 16 00-0041	EA	48" Stainless Steel Base Cabinet, No Doors, 2 Drawers	4,741.66	336.90
		For 16 Gauge Stainless Steel, Add	*874.69*	
		For >5 To 9, Deduct	*-213.59*	
		For >9, Deduct	*-427.17*	
12 31 16 00-0042	EA	48" Stainless Steel Base Cabinet, With Doors, And Lock	3,924.02	336.90
		For 16 Gauge Stainless Steel, Add	*698.90*	
		For >5 To 9, Deduct	*-170.66*	
		For >9, Deduct	*-341.32*	
12 31 16 00-0043	EA	48" Stainless Steel Base Cabinet, With Doors, No Locks	3,863.27	336.90
		For 16 Gauge Stainless Steel, Add	*685.83*	
		For >5 To 9, Deduct	*-167.47*	
		For >9, Deduct	*-334.94*	
12 31 16 00-0044		60" Stainless Steel Base Cabinet *(12 31 16 00-0002)*		
12 31 16 00-0045	EA	24" Deep x 60" Wide Stainless Steel Sink Base Cabinet	3,822.42	347.16
		For 16 Gauge Stainless Steel, Add	*672.61*	
		For >5 To 9, Deduct	*-164.24*	
		For >9, Deduct	*-328.49*	
12 31 16 00-0046		18 Gauge, #4 Finish, 304 Stainless Steel Wall Cabinets *(12 31 16 00-0001)*		
12 31 16 00-0047		12" Wide Stainless Steel Wall Cabinets *(12 31 16 00-0046)*		
12 31 16 00-0048	EA	12"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks	1,535.90	99.62
		For 16 Gauge Stainless Steel, Add	*287.38*	
		For >5 To 9, Deduct	*-70.17*	
		For >9, Deduct	*-140.35*	
12 31 16 00-0049	EA	12"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,529.96	105.65
		For 16 Gauge Stainless Steel, Add	*283.50*	
		For >5 To 9, Deduct	*-69.23*	
		For >9, Deduct	*-138.45*	
12 31 16 00-0050		18" Wide Stainless Steel Wall Cabinets *(12 31 16 00-0046)*		
12 31 16 00-0051	EA	18"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks	1,610.10	107.10
		For 16 Gauge Stainless Steel, Add	*300.09*	
		For >5 To 9, Deduct	*-73.28*	
		For >9, Deduct	*-146.55*	
12 31 16 00-0052	EA	18"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,518.13	107.10
		For 16 Gauge Stainless Steel, Add	*280.31*	
		For >5 To 9, Deduct	*-68.45*	
		For >9, Deduct	*-136.90*	
12 31 16 00-0053	EA	18"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks	1,780.86	116.52
		For 16 Gauge Stainless Steel, Add	*332.76*	
		For >5 To 9, Deduct	*-81.26*	
		For >9, Deduct	*-162.51*	
12 31 16 00-0054	EA	18"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,724.33	116.52
		For 16 Gauge Stainless Steel, Add	*320.61*	
		For >5 To 9, Deduct	*-78.29*	
		For >9, Deduct	*-156.58*	
12 31 16 00-0055		24" Wide Stainless Steel Wall Cabinets *(12 31 16 00-0046)*		
12 31 16 00-0056	EA	24"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Door	1,336.69	118.58
		For 16 Gauge Stainless Steel, Add	*236.42*	
		For >5 To 9, Deduct	*-57.73*	
		For >9, Deduct	*-115.46*	
12 31 16 00-0057	EA	24"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks	1,817.65	118.58
		For 16 Gauge Stainless Steel, Add	*339.82*	
		For >5 To 9, Deduct	*-82.98*	
		For >9, Deduct	*-165.96*	
12 31 16 00-0058	EA	24"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,726.52	118.58
		For 16 Gauge Stainless Steel, Add	*320.23*	
		For >5 To 9, Deduct	*-78.20*	
		For >9, Deduct	*-156.39*	
12 31 16 00-0059	EA	24"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks	1,711.23	110.73
		For 16 Gauge Stainless Steel, Add	*320.25*	
		For >5 To 9, Deduct	*-78.20*	
		For >9, Deduct	*-156.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 31 16 00-0060	EA	24"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,614.19	110.73
		For 16 Gauge Stainless Steel, Add	*299.39*	
		For >5 To 9, Deduct	*-73.11*	
		For >9, Deduct	*-146.21*	
12 31 16 00-0061	EA	24"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Glass Door, No Lock	2,069.00	110.73
		For 16 Gauge Stainless Steel, Add	*397.17*	
		For >5 To 9, Deduct	*-96.98*	
		For >9, Deduct	*-193.97*	
12 31 16 00-0062	EA	24"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors	1,224.35	110.73
		For 16 Gauge Stainless Steel, Add	*215.57*	
		For >5 To 9, Deduct	*-52.64*	
		For >9, Deduct	*-105.28*	
12 31 16 00-0063	EA	24"W x 12"D x 18"H Stainless Steel Wall Cabinet, No Doors	1,152.79	105.65
		For 16 Gauge Stainless Steel, Add	*202.41*	
		For >5 To 9, Deduct	*-49.43*	
		For >9, Deduct	*-98.85*	
12 31 16 00-0064		**30" Wide Stainless Steel Wall Cabinets** *(12 31 16 00-0046)*		
12 31 16 00-0065	EA	30"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks	2,359.18	125.94
		For 16 Gauge Stainless Steel, Add	*453.06*	
		For >5 To 9, Deduct	*-110.63*	
		For >9, Deduct	*-221.26*	
12 31 16 00-0066	EA	30"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks	2,138.10	125.94
		For 16 Gauge Stainless Steel, Add	*405.53*	
		For >5 To 9, Deduct	*-99.02*	
		For >9, Deduct	*-198.05*	
12 31 16 00-0067	EA	30"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Doors	1,435.21	125.94
		For 16 Gauge Stainless Steel, Add	*254.41*	
		For >5 To 9, Deduct	*-62.12*	
		For >9, Deduct	*-124.25*	
12 31 16 00-0068	EA	30"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks	2,244.28	115.92
		For 16 Gauge Stainless Steel, Add	*432.66*	
		For >5 To 9, Deduct	*-105.65*	
		For >9, Deduct	*-211.30*	
12 31 16 00-0069	EA	30"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Lock	2,023.21	115.92
		For 16 Gauge Stainless Steel, Add	*385.13*	
		For >5 To 9, Deduct	*-94.04*	
		For >9, Deduct	*-188.09*	
12 31 16 00-0070	EA	30"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors	1,320.32	115.92
		For 16 Gauge Stainless Steel, Add	*234.01*	
		For >5 To 9, Deduct	*-57.14*	
		For >9, Deduct	*-114.28*	
12 31 16 00-0071	EA	30"W x 12"D x 18"H Stainless Steel Wall Cabinet, No Doors	1,248.38	110.49
		For 16 Gauge Stainless Steel, Add	*220.91*	
		For >5 To 9, Deduct	*-53.94*	
		For >9, Deduct	*-107.89*	
12 31 16 00-0072		**36" Wide Stainless Steel Wall Cabinets** *(12 31 16 00-0046)*		
12 31 16 00-0073	EA	36"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks	2,453.46	129.57
		For 16 Gauge Stainless Steel, Add	*471.78*	
		For >5 To 9, Deduct	*-115.20*	
		For >9, Deduct	*-230.41*	
12 31 16 00-0074	EA	36"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks	2,227.33	129.57
		For 16 Gauge Stainless Steel, Add	*423.17*	
		For >5 To 9, Deduct	*-103.33*	
		For >9, Deduct	*-206.66*	
12 31 16 00-0075	EA	36"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Doors	1,529.50	129.57
		For 16 Gauge Stainless Steel, Add	*273.13*	
		For >5 To 9, Deduct	*-66.69*	
		For >9, Deduct	*-133.39*	
12 31 16 00-0076	EA	36"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks	2,337.43	118.58
		For 16 Gauge Stainless Steel, Add	*451.58*	
		For >5 To 9, Deduct	*-110.27*	
		For >9, Deduct	*-220.54*	
12 31 16 00-0077	EA	36"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks	2,117.20	118.58
		For 16 Gauge Stainless Steel, Add	*404.23*	
		For >5 To 9, Deduct	*-98.71*	
		For >9, Deduct	*-197.41*	
12 31 16 00-0078	EA	36"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors	1,413.47	118.58
		For 16 Gauge Stainless Steel, Add	*252.92*	
		For >5 To 9, Deduct	*-61.76*	
		For >9, Deduct	*-123.52*	
12 31 16 00-0079	EA	36"W x 12"D x 18"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,343.09	112.91
		For 16 Gauge Stainless Steel, Add	*240.21*	
		For >5 To 9, Deduct	*-58.66*	
		For >9, Deduct	*-117.31*	
12 31 16 00-0080		**42" Wide Stainless Steel Wall Cabinets** *(12 31 16 00-0046)*		
12 31 16 00-0081	EA	42"W x 12"D x 42"H Stainless Steel Wall Cabinet, With Doors, No Locks	2,569.82	163.02
		For 16 Gauge Stainless Steel, Add	*482.47*	
		For >5 To 9, Deduct	*-117.81*	
		For >9, Deduct	*-235.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 31 16 00-0082	EA	42"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks	2,574.87	153.84
		For 16 Gauge Stainless Steel, Add	*487.48*	
		For >5 To 9, Deduct	*-119.04*	
		For >9, Deduct	*-238.07*	
12 31 16 00-0083	EA	42"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks	2,350.42	153.84
		For 16 Gauge Stainless Steel, Add	*439.22*	
		For >5 To 9, Deduct	*-107.25*	
		For >9, Deduct	*-214.50*	
12 31 16 00-0084	EA	42"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Doors	1,649.22	153.84
		For 16 Gauge Stainless Steel, Add	*288.47*	
		For >5 To 9, Deduct	*-70.44*	
		For >9, Deduct	*-140.88*	
12 31 16 00-0085	EA	42"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks	2,428.59	129.20
		For 16 Gauge Stainless Steel, Add	*466.59*	
		For >5 To 9, Deduct	*-113.94*	
		For >9, Deduct	*-227.87*	
12 31 16 00-0086	EA	42"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks	2,205.83	129.20
		For 16 Gauge Stainless Steel, Add	*418.70*	
		For >5 To 9, Deduct	*-102.24*	
		For >9, Deduct	*-204.48*	
12 31 16 00-0087	EA	42"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors	1,504.63	129.20
		For 16 Gauge Stainless Steel, Add	*267.94*	
		For >5 To 9, Deduct	*-65.43*	
		For >9, Deduct	*-130.86*	

12 31 16 00-0088 48" Wide Stainless Steel Wall Cabinets *(12 31 16 00-0046)*

12 31 16 00-0089	EA	48"W x 12"D x 42"H Stainless Steel Wall Cabinet, No Doors, No Locks	2,260.41	163.02
		For 16 Gauge Stainless Steel, Add	*414.54*	
		For >5 To 9, Deduct	*-101.22*	
		For >9, Deduct	*-202.45*	
12 31 16 00-0090	EA	48"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks	2,667.33	157.22
		For 16 Gauge Stainless Steel, Add	*505.86*	
		For >5 To 9, Deduct	*-123.53*	
		For >9, Deduct	*-247.05*	
12 31 16 00-0091	EA	48"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks	2,446.25	157.22
		For 16 Gauge Stainless Steel, Add	*458.33*	
		For >5 To 9, Deduct	*-111.92*	
		For >9, Deduct	*-223.84*	
12 31 16 00-0092	EA	48"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Doors	1,743.37	157.22
		For 16 Gauge Stainless Steel, Add	*307.21*	
		For >5 To 9, Deduct	*-75.02*	
		For >9, Deduct	*-150.03*	
12 31 16 00-0093	EA	48"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks	2,520.32	130.41
		For 16 Gauge Stainless Steel, Add	*485.76*	
		For >5 To 9, Deduct	*-118.61*	
		For >9, Deduct	*-237.23*	
12 31 16 00-0094	EA	48"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks	2,300.09	130.41
		For 16 Gauge Stainless Steel, Add	*438.41*	
		For >5 To 9, Deduct	*-107.05*	
		For >9, Deduct	*-214.11*	
12 31 16 00-0095	EA	48"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors	1,596.36	130.41
		For 16 Gauge Stainless Steel, Add	*287.10*	
		For >5 To 9, Deduct	*-70.11*	
		For >9, Deduct	*-140.21*	

12 31 16 00-0096 Accessories *(12 31 16 00-0001)*

12 31 16 00-0097 Stainless Steel Countertops *(12 31 16 00-0096)*

Note: Includes all finishes, finished ends and all edge types such as straight, bullnose, eased, marine, etc. Excludes sinks.

12 31 16 00-0098	SF	16 Gauge Stainless Steel Countertop With Backsplash	114.80	6.64
		For 14 Gauge Stainless Steel, Add	*22.43*	
12 31 16 00-0099	SF	16 Gauge Stainless Steel Countertop Without Backsplash	105.30	6.64
		For 14 Gauge Stainless Steel, Add	*20.33*	
12 31 16 00-0100	EA	Cutout For Sink And/or Faucet In Stainless Steel Countertop	170.75	

12 31 16 00-0101 Stainless Steel Wall Panels *(12 31 16 00-0096)*

12 31 16 00-0102	SF	20 Gauge Stainless Steel Wall Panel	38.78	9.90
		For 18 Gauge Stainless Steel, Add	*5.16*	
		For 16 Gauge Stainless Steel, Add	*9.93*	

12 31 16 00-0103 Pedestal Legs *(12 31 16 00-0096)*

12 31 16 00-0104	EA	Type #304 Stainless Steel Pedestal Leg	335.10	15.09

12 31 16 00-0105 Stainless Steel Slanted Cabinet Top Enclosure *(12 31 16 00-0096)*

12 31 16 00-0106	EA	Stainless Steel Slanted Cabinet Top Enclosure, 5' Sections	366.00	28.47

12 36 Countertops *(12 30)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 36 23		**Plastic Countertops** *(12 36)*		
12 36 23 13		**Plastic-Laminate-Clad Countertops** *(12 36 23)*		
12 36 23 13-0001		Plastic Laminate Countertops *(12 36 23 13)* Note: Includes plywood, medium-density fiberboard (MDF), or particleboard substrates, finished ends, and all edge types such as bullnose, ogee, round-over (rounded), bevel, etc.		
12 36 23 13-0002	SF	Plastic Laminate Countertop Without Backsplash	17.72	11.38
12 36 23 13-0003	SF	Plastic Laminate Countertop With 4" Backsplash	23.62	11.38
12 36 23 13-0004	LF	Plastic Laminate End Splash For Plastic Laminate Countertops	31.90	3.41
12 36 23 13-0005	EA	Cutout For Sink And/or Faucet In Plastic Laminate Countertop	94.86	
12 36 61		**Simulated Stone Countertops** *(12 36)*		
12 36 61 16		**Solid Surfacing Countertops** *(12 36 61)*		
12 36 61 16-0001		Solid Surface Countertops *(12 36 61 16)*		
12 36 61 16-0002		Solid Surface Countertops *(12 36 61 16-0001)* Note: Includes finished ends and all edge types such as bullnose, ogee, round-over (rounded), bevel, etc.		
12 36 61 16-0003	SF	1/4" Thick, Solid Color, Solid Surface Backsplash Note: Quantity based on area of backsplash. Excludes backing material such as cement or water resistant gypsum board.	48.65	7.59
		For Up To 50, Add	*16.06*	
		For >50 To 100, Add	*9.14*	
12 36 61 16-0004	SF	1/2" Thick, Solid Color, Solid Surface Countertop Without Backsplash Note: Quantity based on area of counter, backsplash and apron. Includes drilling holes for fixtures and 1-1/2" drop edge with 1/8" radius edges (when apron not used).	69.53	11.38
		For Up To 50, Add	*22.71*	
		For >50 To 100, Add	*13.17*	
12 36 61 16-0005	SF	3/4" Thick, Solid Color, Solid Surface Countertop Without Backsplash Note: Quantity based on area of counter, backsplash and apron. Includes drilling holes for fixtures and 1-1/2" drop edge with 1/8" radius edges (when apron not used).	89.16	11.38
		For Up To 50, Add	*29.50*	
		For >50 To 100, Add	*16.73*	
12 36 61 16-0006	SF	1/2" Thick, Solid Color, Solid Surface Countertop With 4" Backsplash	82.56	11.38
		For Up To 50, Add	*26.62*	
		For >50 To 100, Add	*15.77*	
12 36 61 16-0007	LF	1/2" Thick, Solid Color, Solid Surface 4" End Splash For Solid Surface Countertops	28.18	4.84
12 36 61 16-0008	EA	Cutout For Undercounter Sink In Solid Surface Countertop Note: Not including integral seamed sinks	170.75	
12 36 61 16-0009		Integral Seamless Solid Surface Lavatory *(12 36 61 16-0001)* Note: Includes sink cutout and hard seam of lavatory to countertop See CSI section 12 36 61 16-0002 for Solid Surface Countertops.		
12 36 61 16-0010	EA	16-1/2" x 13-1/8"" x 5-1/2" Depth, Integral Solid Surface Lavatory Sink (Corian 810)	296.73	
12 36 61 16-0011	EA	20-7/16" x 14-7/16" x 6-1/8" Depth, Integral Solid Surface Lavatory Sink (Corian 815)	364.96	
12 36 61 16-0012	EA	17-3/8" x 10-13/16" x 5-1/2" Depth, Integral Solid Surface Lavatory Sink (Corian 816)	276.89	
12 36 61 16-0013	EA	14-3/4" x 10-1/2" x 5-1/2" Depth, Integral Solid Surface Lavatory Sink (Corian 820)	265.72	
12 36 61 16-0014	EA	18-7/8" x 13-3/4" x 5-7/8" Depth, Integral Solid Surface Lavatory Sink (Corian 830)	364.96	
12 36 61 16-0015	EA	20" x 13-3/8" x 6-1/4" Depth, Integral Solid Surface Lavatory Sink (Corian 831)	364.96	
12 36 61 16-0016	EA	19-3/4" x 14-1/4" x 5-7/8" Depth, Integral Solid Surface Lavatory Sink (Corian 835)	364.96	
12 36 61 16-0017	EA	17" x 14" x 6" Depth, Integral Solid Surface Lavatory Sink (Corian 837)	364.96	
12 36 61 16-0018		Integral Seamless Solid Surface Kitchen Sink *(12 36 61 16-0001)* Note: Includes sink cutout and hard seam of sink to countertop See CSI section 12 36 61 16-0002 for Solid Surface Countertops.		
12 36 61 16-0019	EA	Up To 1.5 SF, Single Basin, Integral Solid Surface Kitchen Sink	385.07	
12 36 61 16-0020	EA	>1.5 To 2.25 SF, Single Basin, Integral Solid Surface Kitchen Sink	602.16	
12 36 61 16-0021	EA	>2.25 To 3.0 SF, Single Basin, Integral Solid Surface Kitchen Sink	775.83	
12 36 61 16-0022	EA	>3.0 SF, Single Basin, Integral Solid Surface Kitchen Sink	832.89	
12 36 61 16-0023	EA	>3.0 SF, Double Basin, Integral Solid Surface Kitchen Sink	832.89	
12 36 61 19		**Quartz Agglomerate Countertops** *(12 36 61)*		
12 36 61 19-0001		Quartz Agglomerate Countertops *(12 36 61 19)* Note: Includes finished ends and all edge types such as bullnose, ogee, round-over (rounded), bevel, etc.		
12 36 61 19-0002	SF	3/4" Thick, Quartz Agglomerate Countertop Without Backsplash	77.57	15.94
12 36 61 19-0003	SF	1-1/4" Thick, Quartz Agglomerate Countertop Without Backsplash	95.35	15.94
12 36 61 19-0004	SF	3/4" Thick, Quartz Agglomerate Countertop With Backsplash	86.39	18.22
12 36 61 19-0005	SF	1-1/4" Thick, Quartz Agglomerate Countertop With Backsplash	104.15	18.22
12 36 61 19-0006	LF	Quartz Agglomerate Countertop End Splash For Quartz Agglomerate Countertops	16.70	4.84
12 36 61 19-0007	EA	Cutout For Sink And/or Faucet In Quartz Agglomerate Countertop	170.75	

12 40 Furnishings and Accessories *(12)*

12 41 Office Accessories *(12 40)*

12 41 11 Office Accessories *(12 41)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 41 11 00-0001		**Wall Mounted Office Accessories** *(12 41 11)*		
12 41 11 00-0002	EA	Manual Pencil Sharpener, Wall Mounted (Bostitch® BOSMPS1BLK)	25.99	3.99
12 41 11 00-0003	EA	Wall Mounted Flag	19.12	3.99
12 41 11 00-0004		**Desk Edge Mounted Clamps** *(12 41 11)*		
12 41 11 00-0005	EA	Aluminum Desk Edge Clamp Mount Bracket For Plexiglass And Acrylic Panels Note: Adjustable hand screw mounting to fit 3/4" to 2" desk and tabletops, clamp adjusts to support 1/8" to 3/8" thick panels.	41.79	
		For >10 To 50, Deduct	*-10.19*	
		For >50, Deduct	*-16.30*	

12 48 Rugs and Mats *(12 40)*

12 48 13 Entrance Floor Mats and Frames *(12 48)*

12 48 13 13 Entrance Floor Mats *(12 48 13)*

12 48 13 13-0001		**Floor Mats** *(12 48 13 13)*		
12 48 13 13-0002	SF	3/8" Thick Solid Recessed Floor Mat	33.48	2.72
		For Colors, Add	*5.61*	
12 48 13 13-0003	SF	1/2" Thick Solid Recessed Floor Mat	42.11	2.72
		For Colors, Add	*7.33*	
12 48 13 13-0004	SF	3/8" Thick Perforated Recessed Floor Mat	35.64	2.72
		For Colors, Add	*6.04*	
12 48 13 13-0005	SF	1/2" Thick Perforated Recessed Floor Mat	44.27	2.72
		For Colors, Add	*7.77*	
12 48 13 13-0006		**Link Mats** *(12 48 13 13)* Note: Includes nosing.		
12 48 13 13-0007	SF	3/8" Link Mats, Aluminum	48.62	2.72
12 48 13 13-0008	SF	Black Rubber Link Mats With Galvanized Tie Rods	35.10	2.72
12 48 13 13-0009	SF	3/8" Thick, Galvanized Steel Link Mats	21.51	2.72
12 48 13 13-0010	SF	Vinyl Link Mats, Color	38.30	2.72
12 48 13 13-0011	LF	Rubber Nosing	4.89	1.19
12 48 13 13-0012		**Duckboard** *(12 48 13 13)*		
12 48 13 13-0013	SF	Aluminum Slats	69.98	2.96
12 48 13 13-0014	SF	Hardwood Strips On Rubber Base	15.49	2.96
12 48 13 13-0015	SF	Assembled With Brass Rods And Vinyl Spacers	16.90	2.96
12 48 13 13-0016	SF	Tire Fabric, 3/4" Thick	23.89	2.96
12 48 13 13-0017	SF	Vinyl, 36" Wide, Hollow Top And Bottom	21.80	2.96
12 48 13 13-0018	SF	Vinyl, 36" Wide, Solid Top And Bottom	34.34	2.96

12 48 13 16 Entrance Floor Mat Frames *(12 48 13)*

12 48 13 16-0001		**Recessed Frames** *(12 48 13 16)*		
12 48 13 16-0002	LF	Aluminum Recessed Embedded Frame	29.45	4.55
12 48 13 16-0003	LF	Bronze Recessed Embedded Frame	17.52	4.55

12 50 Furniture *(12)*

12 56 Institutional Furniture *(12 50)*

12 56 39 Lecterns *(12 56)*

12 56 39 00-0001		**Lectern** *(12 56 39)*		
12 56 39 00-0002	EA	CON 1500-32 Van Oak Lectern	6,358.33	51.50

12 59 Systems Furniture *(12 50)*

12 59 13 Panel-Hung Component System Furniture *(12 59)*

12 59 13 00-0001		**Open Office Systems Furniture Components** *(12 59 13)* Note: Excludes electrical wire and wiring devices.		
12 59 13 00-0002	EA	34H 24W Fabric Covered Panel - Component Systems Furniture	316.72	28.33
		For Tackable Acoustical Barrier Panel, Add	*56.57*	
		For Acoustical Panel, Add	*61.49*	
		For Enameled Surface, Deduct	*-24.60*	
12 59 13 00-0003	EA	34H 30W Fabric Covered Panel - Component Systems Furniture	352.00	31.52
		For Tackable Acoustical Barrier Panel, Add	*62.87*	
		For Acoustical Panel, Add	*68.34*	
		For Enameled Surface, Deduct	*-27.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 59 13 00-0004	EA	34H 36W Fabric Covered Panel - Component Systems Furniture	376.38	33.58
		For Tackable Acoustical Barrier Panel, Add	*67.22*	
		For Acoustical Panel, Add	*73.07*	
		For Enameled Surface, Deduct	*-29.23*	
12 59 13 00-0005	EA	34H 48W Fabric Covered Panel - Component Systems Furniture	421.74	37.71
		For Tackable Acoustical Barrier Panel, Add	*75.33*	
		For Acoustical Panel, Add	*81.88*	
		For Enameled Surface, Deduct	*-32.75*	
12 59 13 00-0006	EA	42H 24W Fabric Covered Panel - Component Systems Furniture	321.75	28.74
		For Tackable Acoustical Barrier Panel, Add	*57.47*	
		For Acoustical Panel, Add	*62.47*	
		For Enameled Surface, Deduct	*-24.99*	
12 59 13 00-0007	EA	42H 30W Fabric Covered Panel - Component Systems Furniture	363.74	32.45
		For Tackable Acoustical Barrier Panel, Add	*64.97*	
		For Acoustical Panel, Add	*70.62*	
		For Enameled Surface, Deduct	*-28.25*	
12 59 13 00-0008	EA	42H 36W Fabric Covered Panel - Component Systems Furniture	407.44	36.46
		For Tackable Acoustical Barrier Panel, Add	*72.77*	
		For Acoustical Panel, Add	*79.10*	
		For Enameled Surface, Deduct	*-31.64*	
12 59 13 00-0009	EA	42H 48W Fabric Covered Panel - Component Systems Furniture	478.87	42.75
		For Tackable Acoustical Barrier Panel, Add	*85.53*	
		For Acoustical Panel, Add	*92.97*	
		For Enameled Surface, Deduct	*-37.19*	
12 59 13 00-0010	EA	62H 12W Fabric Covered Panel - Component Systems Furniture	309.99	27.70
		For Tackable Acoustical Barrier Panel, Add	*55.37*	
		For Acoustical Panel, Add	*60.18*	
		For Enameled Surface, Deduct	*-24.07*	
12 59 13 00-0011	EA	62H 24W Fabric Covered Panel - Component Systems Furniture	381.41	34.09
		For Tackable Acoustical Barrier Panel, Add	*68.13*	
		For Acoustical Panel, Add	*74.05*	
		For Enameled Surface, Deduct	*-29.62*	
12 59 13 00-0012	EA	62H 36W Fabric Covered Panel - Component Systems Furniture	477.21	42.64
		For Tackable Acoustical Barrier Panel, Add	*85.23*	
		For Acoustical Panel, Add	*92.64*	
		For Enameled Surface, Deduct	*-37.06*	
12 59 13 00-0013	EA	62H 48W Fabric Covered Panel - Component Systems Furniture	571.25	50.99
		For Tackable Acoustical Barrier Panel, Add	*102.04*	
		For Acoustical Panel, Add	*110.91*	
		For Enameled Surface, Deduct	*-44.36*	
12 59 13 00-0014	EA	34" Draw Rod Panel Connector Hardware	17.29	1.54
12 59 13 00-0015	EA	42" Draw Rod Panel Connector Hardware	17.29	1.54
12 59 13 00-0016	EA	62" Draw Rod Panel Connector Hardware	18.45	1.64
12 59 13 00-0017	EA	34" Two-Way 90 Degree Panel Connector Hardware	79.56	7.11
12 59 13 00-0018	EA	42" Two-Way 90 Degree Panel Connector Hardware	92.25	8.25
12 59 13 00-0019	EA	62" Two-Way 90 Degree Panel Connector Hardware	106.08	9.48
12 59 13 00-0020	EA	34" Three-Way 90 Degree Panel Connector Hardware	123.38	11.02
12 59 13 00-0021	EA	42" Three-Way 90 Degree Panel Connector Hardware	142.99	12.77
12 59 13 00-0022	EA	62" Three-Way 90 Degree Panel Connector Hardware	166.05	14.84
12 59 13 00-0023	EA	34" Four-Way 90 Degree Panel Connector Hardware	155.67	13.90
12 59 13 00-0024	EA	42" Four-Way 90 Degree Panel Connector Hardware	182.19	16.28
12 59 13 00-0025	EA	62" Four-Way 90 Degree Panel Connector Hardware	219.09	19.57
12 59 13 00-0026	EA	34" Panel End Cap Hardware	26.53	2.37
12 59 13 00-0027	EA	42" Panel End Cap Hardware	29.98	2.68
12 59 13 00-0028	EA	62" Panel End Cap Hardware	32.28	2.89
12 59 13 00-0029	EA	28" Variable Height Panel End Filler Note: Field cut to appropriate length.	29.26	2.68
12 59 13 00-0030	EA	Two-Way Trim Cover For Cable Management Raceway	15.05	1.34
12 59 13 00-0031	EA	Three-Way Trim Cover For Cable Management Raceway	15.88	1.44
12 59 13 00-0032	EA	Four-Way Trim Cover For Cable Management Raceway	18.39	1.64
12 59 13 00-0033	EA	Finished End Trim Cover For Cable Management Raceway	15.05	1.34
12 59 13 00-0034	EA	12" Cable Management Raceway Assembly Note: Includes base plate, two side covers, and 2 side cover fillers.	30.93	2.78
12 59 13 00-0035	EA	24" Cable Management Raceway Assembly Note: Includes base plate, two side covers, and 2 side cover fillers.	35.11	3.09
12 59 13 00-0036	EA	30" Cable Management Raceway Assembly Note: Includes base plate, two side covers, and 2 side cover fillers.	35.94	3.19
12 59 13 00-0037	EA	36" Cable Management Raceway Assembly Note: Includes base plate, two side covers, and 2 side cover fillers.	40.13	3.60
12 59 13 00-0038	EA	48" Cable Management Raceway Assembly Note: Includes base plate, two side covers, and 2 side cover fillers.	45.13	4.01
12 59 13 00-0039	EA	24" x 36" Radiused Edge Rectangular Hanging Work Surface	242.79	21.64
12 59 13 00-0040	EA	30" x 36" Radiused Edge Rectangular Hanging Work Surface	299.07	26.68
12 59 13 00-0041	EA	24" x 48" Radiused Edge Rectangular Hanging Work Surface	282.28	25.24
12 59 13 00-0042	EA	30" x 48" Radiused Edge Rectangular Hanging Work Surface	352.87	31.52
12 59 13 00-0043	EA	24" x 60" Radiused Edge Rectangular Hanging Work Surface	356.20	31.83
12 59 13 00-0044	EA	30" x 60" Radiused Edge Rectangular Hanging Work Surface	448.63	40.17
12 59 13 00-0045	EA	24" x 72" Radiused Edge Rectangular Hanging Work Surface	432.65	38.63
12 59 13 00-0046	EA	30" x 72" Radiused Edge Rectangular Hanging Work Surface	543.51	48.52
12 59 13 00-0047	EA	30" x 60" Radiused Edge Table	965.53	86.32
12 59 13 00-0048	EA	30" x 72" Radiused Edge Table	1,055.13	94.36
12 59 13 00-0049	EA	14" x 24" Radiused Edge Transaction Surface	115.94	10.40
12 59 13 00-0050	EA	14" x 36" Radiused Edge Transaction Surface	131.89	11.75
12 59 13 00-0051	EA	14" x 48" Radiused Edge Transaction Surface	147.87	13.18

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 59 13 00-0052	EA	14" x 60" Radiused Edge Transaction Surface	183.98	16.48
12 59 13 00-0053	EA	14" x 72" Radiused Edge Transaction Surface	220.93	19.78
12 59 13 00-0054	EA	14" Right Angle Corner Transaction Surface	386.46	34.51
12 59 13 00-0055	EA	Transaction Surface Support	30.61	2.73
12 59 13 00-0056	EA	Plastic Pencil Drawer	33.44	2.68
12 59 13 00-0057	EA	15-1/2" x 24" Hanging Shelf	112.87	10.09
12 59 13 00-0058	EA	15-1/2" x 36" Hanging Shelf	122.88	10.92
12 59 13 00-0059	EA	15-1/2" x 48" Hanging Shelf	131.26	11.75
12 59 13 00-0060	EA	24" Flipper Door - Top And Front Closure Note: Used with hanging shelf.	194.78	17.41
12 59 13 00-0061	EA	36" Flipper Door - Top And Front Closure Note: Used with hanging shelf.	227.40	20.39
12 59 13 00-0062	EA	48" Flipper Door - Top And Front Closure Note: Used with hanging shelf.	260.84	23.28
12 59 13 00-0063	EA	24" Suspended Lateral File, Lockable	671.62	59.69
12 59 13 00-0064	EA	30" Suspended Lateral File, Lockable	709.37	63.05
12 59 13 00-0065	EA	36" Suspended Lateral File, Lockable	748.49	66.52
12 59 13 00-0066	EA	48" Suspended Lateral File, Lockable	818.63	72.75
12 59 13 00-0067	EA	Fully Adjustable Vinyl Keyboard Tray	304.33	27.19
12 59 13 00-0068	EA	Palm Rest For Vinyl Keyboard Tray	47.64	4.32
12 59 13 00-0069	EA	24" x 36" Radiused Edge Corner Work Surface	384.47	34.40
12 59 13 00-0070	EA	File Drawer Organizer	123.74	11.02
12 59 13 00-0071	EA	Suspended Lateral File Converter Bracket	26.76	2.37
12 59 13 00-0072	EA	Utility Task Light	133.76	11.95

12 59 13 00-0073 Disassemble And Store Systems Furniture Components *(12 59 13)*

12 59 13 00-0074	EA	Disassemble And Store 34H 24W Fabric Covered Panel	35.40	
12 59 13 00-0075	EA	Disassemble And Store 34H 30W Fabric Covered Panel	39.34	
12 59 13 00-0076	EA	Disassemble And Store 34H 36W Fabric Covered Panel	42.07	
12 59 13 00-0077	EA	Disassemble And Store 34H 48W Fabric Covered Panel	47.13	
12 59 13 00-0078	EA	Disassemble And Store 42H 24W Fabric Covered Panel	35.96	
12 59 13 00-0079	EA	Disassemble And Store 42H 30W Fabric Covered Panel	40.65	
12 59 13 00-0080	EA	Disassemble And Store 42H 36W Fabric Covered Panel	45.54	
12 59 13 00-0081	EA	Disassemble And Store 42H 48W Fabric Covered Panel	53.52	
12 59 13 00-0082	EA	Disassemble And Store 62H 12W Fabric Covered Panel	34.65	
12 59 13 00-0083	EA	Disassemble And Store 62H 24W Fabric Covered Panel	42.63	
12 59 13 00-0084	EA	Disassemble And Store 62H 36W Fabric Covered Panel	53.33	
12 59 13 00-0085	EA	Disassemble And Store 62H 48W Fabric Covered Panel	63.86	
12 59 13 00-0086	EA	Disassemble And Store 34" Draw Rod Panel Connector Hardware	1.94	
12 59 13 00-0087	EA	Disassemble And Store 42" Draw Rod Panel Connector Hardware	1.94	
12 59 13 00-0088	EA	Disassemble And Store 62" Draw Rod Panel Connector Hardware	2.07	
12 59 13 00-0089	EA	Disassemble And Store 34" Two-Way 90 Degree Panel Connector Hardware	8.90	
12 59 13 00-0090	EA	Disassemble And Store 42" Two-Way 90 Degree Panel Connector Hardware	10.31	
12 59 13 00-0091	EA	Disassemble And Store 62" Two-Way 90 Degree Panel Connector Hardware	11.86	
12 59 13 00-0092	EA	Disassemble And Store 34" Three-Way 90 Degree Panel Connector Hardware	13.79	
12 59 13 00-0093	EA	Disassemble And Store 42" Three-Way 90 Degree Panel Connector Hardware	15.98	
12 59 13 00-0094	EA	Disassemble And Store 62" Three-Way 90 Degree Panel Connector Hardware	18.56	
12 59 13 00-0095	EA	Disassemble And Store 34" Four-Way 90 Degree Panel Connector Hardware	17.40	
12 59 13 00-0096	EA	Disassemble And Store 42" Four-Way 90 Degree Panel Connector Hardware	20.36	
12 59 13 00-0097	EA	Disassemble And Store 62" Four-Way 90 Degree Panel Connector Hardware	24.48	
12 59 13 00-0098	EA	Disassemble And Store 34" Panel End Cap Hardware	2.97	
12 59 13 00-0099	EA	Disassemble And Store 42" Panel End Cap Hardware	3.35	
12 59 13 00-0100	EA	Disassemble And Store 62" Panel End Cap Hardware	3.61	
12 59 13 00-0101	EA	Disassemble And Store Variable Height Panel End Filler	3.27	
12 59 13 00-0102	EA	Disassemble And Store Two-Way Trim Cover For Cable Management Raceway	1.69	
12 59 13 00-0103	EA	Disassemble And Store Three-Way Trim Cover For Cable Management Raceway	1.78	
12 59 13 00-0104	EA	Disassemble And Store Four-Way Trim Cover For Cable Management Raceway	2.06	
12 59 13 00-0105	EA	Disassemble And Store Finished End Trim Cover For Cable Management Raceway	1.69	
12 59 13 00-0106	EA	Disassemble And Store 12" Cable Management Raceway Assembly	3.46	
12 59 13 00-0107	EA	Disassemble And Store 24" Cable Management Raceway Assembly	3.92	
12 59 13 00-0108	EA	Disassemble And Store 30" Cable Management Raceway Assembly	4.02	
12 59 13 00-0109	EA	Disassemble And Store 36" Cable Management Raceway Assembly	4.48	
12 59 13 00-0110	EA	Disassemble And Store 48" Cable Management Raceway Assembly	5.05	
12 59 13 00-0111	EA	Disassemble And Store 24" x 36" Radiused Edge Rectangular Hanging Work Surface	27.13	
12 59 13 00-0112	EA	Disassemble And Store 30" x 36" Radiused Edge Rectangular Hanging Work Surface	33.42	
12 59 13 00-0113	EA	Disassemble And Store 24" x 48" Radiused Edge Rectangular Hanging Work Surface	31.55	
12 59 13 00-0114	EA	Disassemble And Store 30" x 48" Radiused Edge Rectangular Hanging Work Surface	39.44	
12 59 13 00-0115	EA	Disassemble And Store 24" x 60" Radiused Edge Rectangular Hanging Work Surface	39.81	
12 59 13 00-0116	EA	Disassemble And Store 30" x 60" Radiused Edge Rectangular Hanging Work Surface	50.14	
12 59 13 00-0117	EA	Disassemble And Store 24" x 72" Radiused Edge Rectangular Hanging Work Surface	48.36	
12 59 13 00-0118	EA	Disassemble And Store 30" x 72" Radiused Edge Rectangular Hanging Work Surface	60.76	
12 59 13 00-0119	EA	Disassemble And Store 30" x 60" Radiused Edge Table	93.82	
12 59 13 00-0120	EA	Disassemble And Store 30" x 72" Radiused Edge Table	117.90	
12 59 13 00-0121	EA	Disassemble And Store 14" x 24" Radiused Edge Transaction Surface	12.96	
12 59 13 00-0122	EA	Disassemble And Store 14" x 36" Radiused Edge Transaction Surface	14.74	
12 59 13 00-0123	EA	Disassemble And Store 14" x 48" Radiused Edge Transaction Surface	16.53	
12 59 13 00-0124	EA	Disassemble And Store 14" x 60" Radiused Edge Transaction Surface	20.56	
12 59 13 00-0125	EA	Disassemble And Store 14" x 72" Radiused Edge Transaction Surface	24.70	
12 59 13 00-0126	EA	Disassemble And Store 14" Right Angle Corner Transaction Surface	43.19	
12 59 13 00-0127	EA	Disassemble And Store Transaction Surface Support	3.41	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 59 13 00-0128	EA	Disassemble And Store Plastic Pencil Drawer	3.37	
12 59 13 00-0129	EA	Disassemble And Store 15-1/2" x 24" Hanging Shelf	12.62	
12 59 13 00-0130	EA	Disassemble And Store 15-1/2" x 36" Hanging Shelf	13.73	
12 59 13 00-0131	EA	Disassemble And Store 15-1/2" x 48" Hanging Shelf	14.67	
12 59 13 00-0132	EA	Disassemble And Store 24" Flipper Door And Shelf	21.77	
12 59 13 00-0133	EA	Disassemble And Store 36" Flipper Door And Shelf	25.42	
12 59 13 00-0134	EA	Disassemble And Store 48" Flipper Door And Shelf	29.15	
12 59 13 00-0135	EA	Disassemble And Store 24" Suspended Lateral File	74.62	
12 59 13 00-0136	EA	Disassemble And Store 30" Suspended Lateral File	78.80	
12 59 13 00-0137	EA	Disassemble And Store 36" Suspended Lateral File	83.15	
12 59 13 00-0138	EA	Disassemble And Store 48" Suspended Lateral File	90.95	
12 59 13 00-0139	EA	Disassemble And Store Fully Adjustable Vinyl Keyboard Tray	34.01	
12 59 13 00-0140	EA	Disassemble And Store 24" x 36" Radiused Edge Corner Work Surface	42.97	
12 59 13 00-0141	EA	Disassemble And Store Utility Task Light	14.95	

12 59 13 00-0142 Reconfigure Systems Furniture Components *(12 59 13)*

12 59 13 00-0143	EA	Reconfigure 34H 24W Fabric Covered Panel	37.75	
12 59 13 00-0144	EA	Reconfigure 34H 30W Fabric Covered Panel	41.95	
12 59 13 00-0145	EA	Reconfigure 34H 36W Fabric Covered Panel	44.85	
12 59 13 00-0146	EA	Reconfigure 34H 48W Fabric Covered Panel	50.25	
12 59 13 00-0147	EA	Reconfigure 42H 24W Fabric Covered Panel	38.34	
12 59 13 00-0148	EA	Reconfigure 42H 30W Fabric Covered Panel	43.34	
12 59 13 00-0149	EA	Reconfigure 42H 36W Fabric Covered Panel	48.55	
12 59 13 00-0150	EA	Reconfigure 42H 48W Fabric Covered Panel	57.06	
12 59 13 00-0151	EA	Reconfigure 62H 12W Fabric Covered Panel	36.94	
12 59 13 00-0152	EA	Reconfigure 62H 24W Fabric Covered Panel	45.45	
12 59 13 00-0153	EA	Reconfigure 62H 36W Fabric Covered Panel	56.86	
12 59 13 00-0154	EA	Reconfigure 62H 48W Fabric Covered Panel	68.07	
12 59 13 00-0155	EA	Reconfigure 34" Draw Rod Panel Connector Hardware	2.06	
12 59 13 00-0156	EA	Reconfigure 42" Draw Rod Panel Connector Hardware	2.06	
12 59 13 00-0157	EA	Reconfigure 62" Draw Rod Panel Connector Hardware	2.20	
12 59 13 00-0158	EA	Reconfigure 34" Two-Way 90 Degree Panel Connector Hardware	9.48	
12 59 13 00-0159	EA	Reconfigure 42" Two-Way 90 Degree Panel Connector Hardware	10.99	
12 59 13 00-0160	EA	Reconfigure 62" Two-Way 90 Degree Panel Connector Hardware	12.64	
12 59 13 00-0161	EA	Reconfigure 34" Three-Way 90 Degree Panel Connector Hardware	14.70	
12 59 13 00-0162	EA	Reconfigure 42" Three-Way 90 Degree Panel Connector Hardware	17.04	
12 59 13 00-0163	EA	Reconfigure 62" Three-Way 90 Degree Panel Connector Hardware	19.79	
12 59 13 00-0164	EA	Reconfigure 34" Four-Way 90 Degree Panel Connector Hardware	18.55	
12 59 13 00-0165	EA	Reconfigure 42" Four-Way 90 Degree Panel Connector Hardware	21.71	
12 59 13 00-0166	EA	Reconfigure 62" Four-Way 90 Degree Panel Connector Hardware	26.11	
12 59 13 00-0167	EA	Reconfigure 34" Panel End Cap Hardware	3.16	
12 59 13 00-0168	EA	Reconfigure 42" Panel End Cap Hardware	3.57	
12 59 13 00-0169	EA	Reconfigure 62" Panel End Cap Hardware	3.85	
12 59 13 00-0170	EA	Reconfigure Variable Height Panel End Filler	3.49	
12 59 13 00-0171	EA	Reconfigure Two-Way Trim Cover For Cable Management Raceway	1.80	
12 59 13 00-0172	EA	Reconfigure Three-Way Trim Cover For Cable Management Raceway	1.90	
12 59 13 00-0173	EA	Reconfigure Four-Way Trim Cover For Cable Management Raceway	2.19	
12 59 13 00-0174	EA	Reconfigure Finished End Trim Cover For Cable Management Raceway	1.80	
12 59 13 00-0175	EA	Reconfigure 12" Cable Management Raceway Assembly	3.69	
12 59 13 00-0176	EA	Reconfigure 24" Cable Management Raceway Assembly	4.18	
12 59 13 00-0177	EA	Reconfigure 30" Cable Management Raceway Assembly	4.28	
12 59 13 00-0178	EA	Reconfigure 36" Cable Management Raceway Assembly	4.78	
12 59 13 00-0179	EA	Reconfigure 48" Cable Management Raceway Assembly	5.38	
12 59 13 00-0180	EA	Reconfigure 24" x 36" Radiused Edge Rectangular Hanging Work Surface	28.93	
12 59 13 00-0181	EA	Reconfigure 30" x 36" Radiused Edge Rectangular Hanging Work Surface	35.64	
12 59 13 00-0182	EA	Reconfigure 24" x 48" Radiused Edge Rectangular Hanging Work Surface	33.63	
12 59 13 00-0183	EA	Reconfigure 30" x 48" Radiused Edge Rectangular Hanging Work Surface	42.05	
12 59 13 00-0184	EA	Reconfigure 24" x 60" Radiused Edge Rectangular Hanging Work Surface	42.45	
12 59 13 00-0185	EA	Reconfigure 30" x 60" Radiused Edge Rectangular Hanging Work Surface	53.46	
12 59 13 00-0186	EA	Reconfigure 24" x 72" Radiused Edge Rectangular Hanging Work Surface	51.56	
12 59 13 00-0187	EA	Reconfigure 30" x 72" Radiused Edge Rectangular Hanging Work Surface	64.77	
12 59 13 00-0188	EA	Reconfigure 30" x 60" Radiused Edge Table	115.06	
12 59 13 00-0189	EA	Reconfigure 30" x 72" Radiused Edge Table	125.74	
12 59 13 00-0190	EA	Reconfigure 14" x 24" Radiused Edge Transaction Surface	13.81	
12 59 13 00-0191	EA	Reconfigure 14" x 36" Radiused Edge Transaction Surface	15.72	
12 59 13 00-0192	EA	Reconfigure 14" x 48" Radiused Edge Transaction Surface	17.62	
12 59 13 00-0193	EA	Reconfigure 14" x 60" Radiused Edge Transaction Surface	21.93	
12 59 13 00-0194	EA	Reconfigure 14" x 72" Radiused Edge Transaction Surface	26.33	
12 59 13 00-0195	EA	Reconfigure 14" Right Angle Corner Transaction Surface	46.05	
12 59 13 00-0196	EA	Reconfigure Transaction Surface Support	3.64	
12 59 13 00-0197	EA	Reconfigure 15-1/2" x 24" Hanging Shelf	13.45	
12 59 13 00-0198	EA	Reconfigure 15-1/2" x 36" Hanging Shelf	14.64	
12 59 13 00-0199	EA	Reconfigure 15-1/2" x 48" Hanging Shelf	15.64	
12 59 13 00-0200	EA	Reconfigure 24" Flipper Door And Shelf	23.21	
12 59 13 00-0201	EA	Reconfigure 36" Flipper Door And Shelf	27.09	
12 59 13 00-0202	EA	Reconfigure 48" Flipper Door And Shelf	31.08	
12 59 13 00-0203	EA	Reconfigure 24" Suspended Lateral File	79.59	
12 59 13 00-0204	EA	Reconfigure 30" Suspended Lateral File	84.06	
12 59 13 00-0205	EA	Reconfigure 36" Suspended Lateral File	88.70	
12 59 13 00-0206	EA	Reconfigure 48" Suspended Lateral File	97.02	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 59 13 00-0207	EA	Reconfigure 24" x 36" Radiused Edge Corner Work Surface	45.81	

12 60 Multiple Seating *(12)*

12 61 Fixed Audience Seating *(12 60)*

12 61 13 Upholstered Audience Seating *(12 61)*

12 61 13 00-0001 Upholstered Audience Seating *(12 61 13)*

12 61 13 00-0002	EA	Upholstered Seat, Upholstered Back With Polymer Rear Panel, Number 4 Chair Platform, Fixed Audience Seating (Irwin Marquee 51.12.00.4)	527.80	49.59
		Note: Includes Marquee back with polymer rear panel, upholstered cover over 2" foam, number 12 self-rising seat with ergo substrate, open aisle standards, number 4 steel chair platform, floor mount, and comfort curved polymer arms.		
		For >100 To 249, Deduct	*-63.00*	
		For >249 To 749, Deduct	*-75.60*	
		For >749, Deduct	*-84.00*	
		For Up To 9, Add	*684.62*	
		For >9 To 24, Add	*273.01*	
		For Expansion Anchor Mounting With Anchor Caps, Add	*25.83*	
		For Epoxy Anchor Mounting With Anchor Caps, Add	*30.40*	
12 61 13 00-0003	EA	Upholstered Seat, Upholstered Back With Polymer Rear Panel, Number 4 Chair Platform, Fixed Audience Seating With Veneer Insert Aisle Panel (Irwin Marquee 51.12.10.4)	554.98	49.59
		Note: Includes Marquee back with polymer rear panel, upholstered cover over 2" foam, number 12 self-rising seat with ergo substrate, number 10 aisle panel with veneer insert panel, number 4 steel chair platform, floor mount, and flat solid hardwood arms.		
		For >100 To 249, Deduct	*-67.08*	
		For >249 To 749, Deduct	*-80.49*	
		For >749, Deduct	*-89.44*	
		For Up To 9, Add	*684.20*	
		For >9 To 24, Add	*272.79*	
		For Expansion Anchor Mounting With Anchor Caps, Add	*25.83*	
		For Epoxy Anchor Mounting With Anchor Caps, Add	*30.40*	
12 61 13 00-0004	EA	Upholstered Seat, Upholstered Back With Veneer Surfaced Rear Panel, Number 4 Chair Platform, Fixed Audience Seating (Irwin Saturn 22.12.00.4)	678.28	49.59
		Note: Includes Saturn back with veneer surfaced rear panel and exposed fasteners, upholstered cover over 2" foam, number 12 self-rising seat with ergo substrate, open aisle standards, number 4 steel chair platform, floor mount, and comfort curved polymer arms.		
		For >100 To 249, Deduct	*-85.57*	
		For >249 To 749, Deduct	*-102.69*	
		For >749, Deduct	*-114.10*	
		For Up To 9, Add	*684.59*	
		For >9 To 24, Add	*273.84*	
		For Expansion Anchor Mounting With Anchor Caps, Add	*25.83*	
		For Epoxy Anchor Mounting With Anchor Caps, Add	*30.40*	
12 61 13 00-0005	EA	Upholstered Seat, Upholstered Back With Veneer Surfaced Rear Panel, Number 4 Chair Platform, Fixed Audience Seating With Veneer Insert Aisle Panel (Irwin Saturn 22.12.10.4)	705.82	49.59
		Note: Includes Saturn back with veneer surfaced rear panel and exposed fasteners, upholstered cover over 2" foam, number 12 self-rising seat with ergo substrate, number 10 aisle panel with veneer insert panel, number 4 steel chair platform, floor mount, and comfort curved polymer arms		
		For >100 To 249, Deduct	*-89.70*	
		For >249 To 749, Deduct	*-107.65*	
		For >749, Deduct	*-119.61*	
		For Up To 9, Add	*681.75*	
		For >9 To 24, Add	*275.09*	
		For Expansion Anchor Mounting With Anchor Caps, Add	*25.83*	
		For Epoxy Anchor Mounting With Anchor Caps, Add	*30.40*	
12 61 13 00-0006	EA	Upholstered Seat, Upholstered Back With Polymer Rear Panel, Number 4 Chair Platform, Fixed Audience Seating (Irwin Citation 90.12.00.4)	463.20	49.59
		Note: Includes Citation back with polymer rear panel, upholstered cover over 2" foam, number 12 self-rising seat with ergo substrate, open aisle standards, number 4 steel chair platform, floor mount, and comfort curved polymer arms.		
		For >100 To 249, Deduct	*-53.31*	
		For >249 To 749, Deduct	*-63.97*	
		For >749, Deduct	*-71.08*	
		For Up To 9, Add	*685.94*	
		For >9 To 24, Add	*273.67*	
		For Expansion Anchor Mounting With Anchor Caps, Add	*25.83*	
		For Epoxy Anchor Mounting With Anchor Caps, Add	*30.40*	
12 61 13 00-0007	EA	Upholstered Seat, Upholstered Back With Polymer Rear Panel, Number 4 Chair Platform, Fixed Audience Seating With Laminate Insert Aisle Panel (Irwin Citation 90.12.10.4)	468.63	49.59
		Note: Includes Citation back with polymer rear panel, upholstered cover over 2" foam, number 12 self-rising seat with ergo substrate, number 10 aisle panel with laminate insert panel, number 4 steel chair platform, floor mount, and comfort curved polymer arms.		
		For >100 To 249, Deduct	*-54.13*	
		For >249 To 749, Deduct	*-64.95*	
		For >749, Deduct	*-72.17*	
		For Up To 9, Add	*685.60*	
		For >9 To 24, Add	*274.24*	
		For Expansion Anchor Mounting With Anchor Caps, Add	*25.83*	
		For Epoxy Anchor Mounting With Anchor Caps, Add	*30.40*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 61 13 00-0008	EA	Upholstered Seat, Upholstered Back With Polymer Rear Panel, Number 4 Chair Platform, Fixed Audience Seating With Laminate Surfaced Aisle Panel (Irwin Citation 90.12.86.4)	491.97	49.59
		Note: Includes Citation back with polymer rear panel, upholstered cover over 2" foam, number 12 self-rising seat with ergo substrate, number 86 laminate surfaced aisle panel, number 4 steel chair platform, floor mount, and flat solid hardwood arms.		
		For >100 To 249, Deduct	*-57.63*	
		For >249 To 749, Deduct	*-69.15*	
		For >749, Deduct	*-76.84*	
		For Up To 9, Add	*683.84*	
		For >9 To 24, Add	*272.77*	
		For Expansion Anchor Mounting With Anchor Caps, Add	*25.83*	
		For Epoxy Anchor Mounting With Anchor Caps, Add	*30.40*	

12 61 16 Molded-Plastic Audience Seating *(12 61)*

12 61 16 00-0001 Molded-Plastic Audience Seating *(12 61 16)*

12 61 16 00-0002	EA	Molded Polymer Seat, Molded Polymer Back, Number 30 Chair Platform, Fixed Audience Seating (Irwin Patriot 30.52.00.30)	354.07	49.59
		Note: Includes Patriot back, double wall polymer, number 52 self-rising seat torsion spring seat lift, open aisle standards, number 30 steel chair platform, floor mount, and polymer arms.		
		For >100 To 249, Deduct	*-36.94*	
		For >249 To 749, Deduct	*-44.33*	
		For >749, Deduct	*-49.26*	
		For Up To 9, Add	*674.81*	
		For >9 To 24, Add	*270.91*	
		For Expansion Anchor Mounting With Anchor Caps, Add	*25.83*	
		For Epoxy Anchor Mounting With Anchor Caps, Add	*30.40*	
12 61 16 00-0003	EA	Molded Polymer Seat, Molded Polymer Back, Number 30 Chair Platform, Fixed Audience Seating With Laminate Surfaced Aisle Panel (Irwin Patriot 30.52.36.30)	395.10	49.59
		Note: Includes Patriot back, double wall polymer, number 52 self-rising seat torsion spring seat lift, number 36 laminate surfaced aisle panel, number 30 steel chair platform, floor mount, and flat laminate surfaced arms.		
		For >100 To 249, Deduct	*-43.10*	
		For >249 To 749, Deduct	*-51.72*	
		For >749, Deduct	*-57.46*	
		For Up To 9, Add	*675.18*	
		For >9 To 24, Add	*270.07*	
		For Expansion Anchor Mounting With Anchor Caps, Add	*25.83*	
		For Epoxy Anchor Mounting With Anchor Caps, Add	*30.40*	

12 61 19 Plywood/Hardwood Audience Seating *(12 61)*

12 61 19 00-0001 Plywood/Hardwood Audience Seating *(12 61 19)*

12 61 19 00-0002	EA	Veneered Hardwood Seat, Veneered Hardwood Back With Polymer Rear Panel, Number 4 Chair Platform, Fixed Audience Seating (Irwin Crusader 1.14.00.4)	553.37	49.59
		Note: Includes Crusader back, veneer surfaced, number 14 self-rising seat, open aisle standards, number 4 steel chair platform, floor mount, and flat solid hardwood arms.		
		For >100 To 249, Deduct	*-66.84*	
		For >249 To 749, Deduct	*-80.20*	
		For >749, Deduct	*-89.12*	
		For Up To 9, Add	*708.47*	
		For >9 To 24, Add	*285.17*	
		For Expansion Anchor Mounting With Anchor Caps, Add	*25.83*	
		For Epoxy Anchor Mounting With Anchor Caps, Add	*30.40*	
12 61 19 00-0003	EA	Veneered Hardwood Seat, Veneered Hardwood Back With Polymer Rear Panel, Number 4 Chair Platform, Fixed Audience Seating With Veneer Surfaced Aisle Panel (Irwin Crusader 1.14.86.4)	575.41	49.59
		Note: Includes Crusader back, veneer surfaced, number 14 self-rising seat, number 86 veneer surfaced aisle panel, number 4 steel chair platform, floor mount, and flat solid hardwood arms.		
		For >100 To 249, Deduct	*-70.14*	
		For >249 To 749, Deduct	*-84.17*	
		For >749, Deduct	*-93.52*	
		For Up To 9, Add	*678.05*	
		For >9 To 24, Add	*271.22*	
		For Expansion Anchor Mounting With Anchor Caps, Add	*25.83*	
		For Epoxy Anchor Mounting With Anchor Caps, Add	*30.40*	

12 61 21 Fixed Audience Seating Accessories *(12 61)*

12 61 21 00-0001 Fixed Audience Seating Accessories *(12 61 21)*

12 61 21 00-0002	EA	100 Square Inch, Self Storing Writing Tablet For Number 4 Chair Platform, Fixed Audience Seating (Irwin)	177.18
		For >100 To 249, Deduct	*-24.96*
		For >249 To 749, Deduct	*-29.95*
		For >749, Deduct	*-33.28*
12 61 21 00-0003	EA	120 Square Inch, Self Storing Writing Tablet For Number 4 Chair Platform, Fixed Audience Seating (Irwin)	180.38
		For >100 To 249, Deduct	*-25.44*
		For >249 To 749, Deduct	*-30.53*
		For >749, Deduct	*-33.92*
12 61 21 00-0004	EA	151 Square Inch, Self Storing Writing Tablet For Number 4 Chair Platform, Fixed Audience Seating (Irwin)	188.73
		For >100 To 249, Deduct	*-26.69*
		For >249 To 749, Deduct	*-32.03*
		For >749, Deduct	*-35.59*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 61 21 00-0005	EA	98 Square Inch, Tru-Fold Writing Tablet For Number 30 Chair Platform, Fixed Audience Seating (Irwin)	177.18	
		For >100 To 249, Deduct	*-24.96*	
		For >249 To 749, Deduct	*-29.95*	
		For >749, Deduct	*-33.28*	
12 61 21 00-0006	EA	105 Square Inch, Tru-Fold Writing Tablet For Number 30 Chair Platform, Fixed Audience Seating (Irwin)	189.43	
		For >100 To 249, Deduct	*-26.80*	
		For >249 To 749, Deduct	*-32.16*	
		For >749, Deduct	*-35.73*	
12 61 21 00-0007	EA	Rubber Foot Shrouds For Number 4 Chair Platform (Per Chair), Fixed Audience Seating (Irwin)	14.34	

12 62 Portable-Audience Seating *(12 60)*

12 62 23 Portable Bleachers *(12 62)*

12 62 23 00-0001 Metal Bleachers, Outdoor, Portable *(12 62 23)*
Note: Average seating is 18".

12 62 23 00-0002 Non-Elevated Portable Aluminum Bleacher *(12 62 23 00-0001)*

12 62 23 00-0003	SEA	2 To 5 Rows, Non-Elevated Portable Aluminum Bleacher Price Per Seat	185.68	4.72
		For Each "Tip and Roll" Set (Includes Two Fixed Wheels), Add To Total Structure	*165.00*	
		For Each "Flip and Roll" Set (Includes Four Wheels), Add To Total Structure	*335.00*	

12 62 23 00-0004 Non-Elevated Portable Aluminum Bleacher *(12 62 23 00-0001)*
Note: Includes side and back fence.

12 62 23 00-0005	SEA	5 Rows, Non-Elevated Portable Aluminum Bleacher Note: Including side and back fence.	245.77	4.72
		For Elevated Structure (Includes Additional Front Rail, A Front Walkway With Stairways On Either Side, Double Foot Boards Between Rows), Add	*35.00*	
12 62 23 00-0006	SEA	6 To 10 Rows, Non-Elevated Portable Aluminum Bleacher Note: Including side and back fence.	280.66	4.95
		For Elevated Structure (Includes Additional Front Rail, A Front Walkway With Stairways On Either Side, Double Foot Boards Between Rows), Add	*35.00*	
12 62 23 00-0007	SEA	11 To 15 Rows, Non-Elevated Portable Aluminum Bleacher Note: Including side and back fence.	292.97	5.20
		For Elevated Structure (Includes Additional Front Rail, A Front Walkway With Stairways On Either Side, Double Foot Boards Between Rows), Add	*35.00*	

12 62 23 00-0008 Non-Elevated Portable Aluminum Bleacher *(12 62 23 00-0001)*
Note: Includes side and back fence and center aisle with rails.

12 62 23 00-0009	SEA	5 Rows, Non-Elevated Portable Aluminum Bleacher Note: Including side and back fence and center aisle with handrails.	387.76	5.32
		For Elevated Structure (Includes Additional Front Rail, A Front Walkway With Stairways On Either Side, Double Foot Boards Between Rows), Add	*35.00*	
12 62 23 00-0010	SEA	6 To 10 Rows, Non-Elevated Portable Aluminum Bleacher Note: Including side and back fence and center aisle with handrails.	443.89	5.58
		For Elevated Structure (Includes Additional Front Rail, A Front Walkway With Stairways On Either Side, Double Foot Boards Between Rows), Add	*35.00*	
12 62 23 00-0011	SEA	11 To 15 Rows, Non-Elevated Portable Aluminum Bleacher Note: Including side and back fence and center aisle with handrails.	481.68	5.90
		For Elevated Structure (Includes Additional Front Rail, A Front Walkway With Stairways On Either Side, Double Foot Boards Between Rows), Add	*35.00*	

END OF SECTION 12

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

13 Special Construction

13 30 Special Structures *(13)*

13 34 Fabricated Engineered Structures *(13 30)*

13 34 16 Grandstands and Bleachers *(13 34)*

13 34 16 13 Grandstands *(13 34 16)*

13 34 16 13-0001 Permanent Grandstands, Wood Seat, Steel Frame *(13 34 16 13)*

13 34 16 13-0002 3 To 15 Tiers *(13 34 16 13-0001)*

13 34 16 13-0003	SEA	3-15 Tier Permanent Grandstand Price Per Seat	93.31	9.44

13 34 16 13-0004 16 To 30 Tiers *(13 34 16 13-0001)*

13 34 16 13-0005	SEA	16-30 Tier Permanent Grandstand Price Per Seat	143.71	10.62

13 34 23 Fabricated Structures *(13 34)*

13 34 23 13 Portable and Mobile Buildings *(13 34 23)*

13 34 23 13-0001 Prefabricated Signal, Communication Or Electrical Building *(13 34 23 13)*

Note: Complete, includes door, roof, lights and wiring, insulation, painted.

13 34 23 13-0002	SF	15 SF To 29 SF Prefabricated Signal, Communication Or Electrical Building	490.85	
13 34 23 13-0003	SF	30 SF To 49 SF Prefabricated Signal, Communication Or Electrical Building	421.08	
13 34 23 13-0004	SF	50 SF To 79 SF Prefabricated Signal, Communication Or Electrical Building	337.06	
13 34 23 13-0005	SF	80 SF To 99 SF Prefabricated Signal, Communication Or Electrical Building	266.68	
13 34 23 13-0006	SF	100 SF To 144 SF Prefabricated Signal, Communication Or Electrical Building	238.31	

13 34 23 13-0007 Temporary Trailers 1 To 6 Years Life *(13 34 23 13)*

Note: Includes cost to set-up, underpin, tie-downs, HVAC unit, lights, outlets, phone jacks, two wooden landings, stairs, and handrails. Trailers shall have a 12' x 12' office area and 6' x 8' bathroom with sink, mirror, and water closet. Minimum of two pedestrian doors and a tinted/insulated 3' x 4' single hung window per 20 SF of wall area. Excludes connection of utilities.

13 34 23 13-0008	SF	Single Trailer Up To 14' x 73'	69.82	
		For Each Delivery And Set-Up (Block And Level), Add	*1,508.65*	
		For Each Knock-Down And Pick-Up, Add	*1,228.65*	
		For Each Anchoring Into Asphalt Or Concrete, Add	*110.00*	
13 34 23 13-0009	SF	Modular Trailers, Connected	97.75	
		For Each Anchoring Into Asphalt Or Concrete, Add	*110.00*	
		For Each Delivery And Set-Up (Block And Level), Add	*3,345.71*	
		For Each Knock-Down And Pick-Up, Add	*2,695.71*	
13 34 23 13-0010	EA	Add Per Additional Exterior Door With Frame And Hardware	1,047.29	

13 34 23 13-0011 Portable and Mobile Trailer Accessories *(13 34 23 13)*

13 34 23 13-0012 Skirting *(13 34 23 13-0011)*

Note: Includes 2" x 4" wood framing 16" on center.

13 34 23 13-0013 Vinyl Covered, Exterior Only *(13 34 23 13-0012)*

13 34 23 13-0014	SF	1'-8" High Vinyl Covered Skirt	5.35	1.95
13 34 23 13-0015	SF	3' High Vinyl Covered Skirt	7.80	3.21

13 34 23 13-0016 Fiberglass, Exterior Only *(13 34 23 13-0012)*

13 34 23 13-0017	SF	1'-8" High Fiberglass Skirt	9.96	3.67
13 34 23 13-0018	SF	3' High Fiberglass Skirt	11.53	4.47

13 34 23 13-0019 Plywood, Exterior Only *(13 34 23 13-0012)*

13 34 23 13-0020	SF	1'-8" High 5/8" Plywood Skirt	9.14	3.90
13 34 23 13-0021	SF	3' High 5/8" Plywood Skirt	10.81	4.70

13 34 23 13-0022 Steel, Painted, Exterior Only *(13 34 23 13-0012)*

13 34 23 13-0023	SF	1'-8" High 26 Gauge Steel Skirt	10.55	3.67
13 34 23 13-0024	SF	3' High 26 Gauge Steel Skirt	12.22	4.47

13 34 23 13-0025 14" x 14" Access Hatch *(13 34 23 13-0011)*

Note: Simple design.

13 34 23 13-0026	EA	14" x 14" Vinyl Covered Access Hatch	266.37	86.13
13 34 23 13-0027	EA	14" x 14" Fiberglass Access Hatch	234.65	86.13
13 34 23 13-0028	EA	14" x 14" Plywood Access Hatch	264.39	86.13
13 34 23 13-0029	EA	14" x 14" 26 Gauge Steel Access Hatch	266.01	86.13

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 23 13-0030		**Aluminum Modular Access Ramp** *(13 34 23 13-0011)* Note: Includes picketed guardrails, inside grab rails, legs and hardware.		
13 34 23 13-0031	EA	72" Long x 52-1/4" Wide Ramp Section, Aluminum Modular Access Ramp	3,796.32	28.67
13 34 23 13-0032	EA	60-1/4" Long x 61-3/4" Wide Door Landing Section, Aluminum Modular Access Ramp	3,830.72	37.28
13 34 23 13-0033	EA	60-1/4" Long x 123-1/2" Wide Switchback Landing Section, Aluminum Modular Access Ramp	7,896.07	57.34
13 34 23 13-0034	EA	110-3/4" Long x 72" Wide Switchback Landing Section, Aluminum Modular Access Ramp	8,510.63	57.34
13 34 23 13-0035	EA	60-1/4" Long x 61-3/4" Wide Intermediate Landing Section, Aluminum Modular Access Ramp	3,984.36	37.28
13 34 23 13-0036	EA	71-3/4" Long x 52-1/4" Wide Intermediate Landing Section, Aluminum Modular Access Ramp	3,949.96	28.67
13 34 23 13-0037	EA	84-1/2" Long x 61-3/4" Wide Intermediate Landing Section, Aluminum Modular Access Ramp	5,516.93	37.28
13 34 23 13-0038	EA	30" High x 82" Long x 52-3/8" Wide Step Section, Aluminum Modular Access Ramp	3,909.46	37.28
13 34 23 13-0039	EA	35" High x 96" Long x 52-3/8" Wide Step Section, Aluminum Modular Access Ramp	3,909.46	37.28
13 34 23 13-0040	EA	42" High x 110" Long x 52-3/8" Wide Step Section, Aluminum Modular Access Ramp	4,452.96	37.28
13 34 23 13-0041	EA	49" High x 124" Long x 52-3/8" Wide Step Section, Aluminum Modular Access Ramp	4,992.63	37.28
13 34 23 13-0042		**Relocate Portable And Mobile Trailer** *(13 34 23 13)* Note: Excludes anchors, skirting, steps, ramps, utility hook-ups and foundation. See CSI section 01 22 16 00-0002 for reimbursable permit fees, 01 22 20 00-0080 for escort vehicle, 13 34 23 13-0012 for skirting.		
13 34 23 13-0043	EA	Prepare, Up To 12' Wide, Single Trailer For Transportation Note: Includes securing interior, mounting tires, and mounting trailer hitch	1,037.95	
13 34 23 13-0044	EA	Separate, 24' Wide Double Trailer And Prepare For Transportation Note: Includes separating trailers, securing interior, installing plastic and boards to open side of each (2) trailers, mounting tires, and mounting trailer hitch.	4,984.40	
13 34 23 13-0045	EA	Remove Blocking From 8' Wide x Up To 35' Long Trailer Note: Per trailer	456.70	
13 34 23 13-0046	EA	Remove Blocking From 10' Wide x 40' To 50' Long Trailer Note: Per trailer	581.26	
13 34 23 13-0047	EA	Remove Blocking From 12' Wide x 45' To 60' Long Trailer Note: Per trailer	705.81	
13 34 23 13-0048	EA	Remove Blocking From 24' Wide x 45' To 60' Long Trailer Note: Per trailer	1,411.61	
13 34 23 13-0049	MI	Transportation And Delivery Of Trailer See CSI section 01 22 20 00-0081 for escort vehicle service (when required).	19.01	
13 34 23 13-0050	EA	Re-connect 24' Wide Double Trailer Note: Includes removal of temporary plastic and boards, caulking, installation of flooring, ceiling and roofing seams. Excludes blocking and leveling. See CSI section 13 34 23 13-0053 for blocking and leveling of each section.	9,810.84	
13 34 23 13-0051	EA	Set-Up (Block And Level) Trailer, 8' Wide x Up To 35' Long Note: Per trailer	570.88	
13 34 23 13-0052	EA	Set-Up (Block And Level) Trailer, 10' Wide x 40' To 50' Long Note: Per trailer	726.56	
13 34 23 13-0053	EA	Set-Up (Block And Level) Trailer, 12' Wide x 45' To 60' Long Note: Per trailer	882.25	
13 34 23 13-0054	EA	Set-Up (Block And Level) Trailer, 24' Wide x 45' To 60' Long Note: Per trailer	1,764.52	
13 34 23 13-0055	EA	Connection Straps To Anchor Note: Includes straps per each anchor	25.95	
13 34 23 14		**Fabricated Classroom Buildings** *(13 34 23)*		
13 34 23 14-0001		**Semi-Permanent Modular Transportable Buildings** *(13 34 23 14)*		
13 34 23 14-0002	SF	Portable Classrooms, Complete With Doors, Windows, Fixtures, Toilets And Workroom	104.03	
		For Each Anchoring Into Asphalt Or Concrete, Add	*110.00*	
		For Each Delivery And Set-Up (Block And Level), Add	*3,345.71*	
		For Each Knock-Down And Pick-Up, Add	*2,695.71*	
13 34 23 14-0003	SF	Modular Classroom, Connected, Complete With Doors, Windows, Fixtures, Toilets And Teachers Work Room	107.11	
		For Each Anchoring Into Asphalt Or Concrete, Add	*110.00*	
		For Each Delivery And Set-Up (Block And Level), Add	*3,345.71*	
		For Each Knock-Down And Pick-Up, Add	*2,695.71*	
13 34 23 16		**Fabricated Control Booths** *(13 34 23)*		
13 34 23 16-0001		**Fabricated Parking Attendant Booths** *(13 34 23 16)* Note: Excludes foundations and slab.		
13 34 23 16-0002	EA	Parking Booth For Attendant	2,037.33	
13 34 23 29		**Fabricated Kiosks** *(13 34 23)*		
13 34 23 29-0001		**Customer's Assistant Kiosk** *(13 34 23 29)* Note: Based on SF of kiosks. Complete kiosk modular enclosure, in-place, structurally independent and self contained. Stainless steel.		
13 34 23 29-0002	CF	Round Kiosk With 1/4" Fiberglass Wall, (Based On 5' Diameter x 8' High)	74.57	
13 34 23 29-0003	CF	Round Kiosk, With 1" Insulated Fiberglass Double Wall, (Based On 5' Diameter x 8' High)	83.82	
13 34 23 29-0004	CF	Rectangular Kiosk, With 1/4" Fiberglass Wall, (Based On 5' x 9' x 7'-6" High)	50.34	
13 34 23 29-0005	CF	Rectangular Kiosk, With 1" Insulated Fiberglass Double Wall Note: Based on 5'x9'x7'-6" high.	60.50	
13 34 23 29-0006	CF	Octagonal Kiosk, With 1/4" Fiberglass Wall, Note: Based on 9' wide x 8' high.	57.83	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 23 29-0007	CF	Octagonal Kiosk, With 1" Insulated Fiberglass Double Wall Note: Based on 9' wide x 8' high.	68.95	

13 40 Integrated Construction *(13)*

13 48 Sound, Vibration, and Seismic Control *(13 40)*

13 48 53 Manufactured Seismic Control Components *(13 48)*

13 48 53 00-0001 Seismic Bracing Assembly *(13 48 53)*

13 48 53 00-0002	EA	4-Bolt Deck Anchor Connection For Seismic Brace Note: Includes drilling into concrete, bolts, anchor plate, seismic bracket attached with bolt, nut and washer.	165.18	
13 48 53 00-0003	EA	2 Cable Seismic Brace With Center Threaded Rod Stiffener Note: Includes seismic bracket, bolts, and cable for attachment to ceiling anchor. Excludes deck anchors.	165.42	
13 48 53 00-0004	EA	3 Cable Seismic Brace With Center Threaded Rod Stiffener Note: Includes seismic bracket, bolts, and cable for attachment to ceiling anchor. Excludes deck anchors.	247.67	
13 48 53 00-0005	EA	4 Cable Seismic Brace With Center Threaded Rod Stiffener Note: Includes seismic bracket, bolts, and cable for attachment to ceiling anchor. Excludes deck anchors.	321.30	
13 48 53 00-0006	EA	2 Channel Seismic Brace With Center Threaded Rod Stiffener Note: Includes seismic bracket, bolts, and channel for attachment to ceiling anchor. Excludes deck anchors.	346.76	
13 48 53 00-0007	EA	3 Channel Seismic Brace With Center Threaded Rod Stiffener Note: Includes seismic bracket, bolts, and channel for attachment to ceiling anchor. Excludes deck anchors.	515.38	
13 48 53 00-0008	EA	4 Channel Seismic Brace With Center Threaded Rod Stiffener Note: Includes seismic bracket, bolts, and channel for attachment to ceiling anchor. Excludes deck anchors.	684.00	
13 48 53 00-0009	EA	2 Rod Seismic Brace With Center Threaded Rod Stiffener Note: Includes seismic bracket, bolts, and rod for attachment to ceiling anchor. Excludes deck anchors.	199.53	
13 48 53 00-0010	EA	3 Rod Seismic Brace With Center Threaded Rod Stiffener Note: Includes seismic bracket, bolts, and rod for attachment to ceiling anchor. Excludes deck anchors.	294.53	
13 48 53 00-0011	EA	4 Rod Seismic Brace With Center Threaded Rod Stiffener Note: Includes seismic bracket, bolts, and rod for attachment to ceiling anchor. Excludes deck anchors.	389.53	

13 48 53 00-0012 Seismic Brace Components *(13 48 53)*

13 48 53 00-0013	EA	1/8" Cable Diameter Seismic Cable Brace Swivel Anchor (Mason SCB-1) Note: To be used with 7x19 stranded cable.	34.30	
13 48 53 00-0014	EA	3/16" Cable Diameter Seismic Cable Brace Swivel Anchor (Mason SCB-2) Note: To be used with 7x19 stranded cable.	47.91	
13 48 53 00-0015	EA	1/4" Cable Diameter Seismic Cable Brace Swivel Anchor (Mason SCB-3) Note: To be used with 7x19 stranded cable.	64.26	
13 48 53 00-0016	EA	3/8" Cable Diameter Seismic Cable Brace Swivel Anchor (Mason SCB-4) Note: To be used with 7x19 stranded cable.	88.75	
13 48 53 00-0017	EA	Seismic Solid Brace Swivel Anchor (Mason SSB-1) Note: To be used with angle or channel.	32.07	
13 48 53 00-0018	EA	Seismic Solid Brace Swivel Anchor (Mason SSB-2) Note: To be used with angle or channel.	44.06	
13 48 53 00-0019	EA	Seismic Solid Brace Swivel Anchor (Mason SSB-3) Note: To be used with angle or channel.	58.61	
13 48 53 00-0020	EA	Seismic Solid Brace Swivel Anchor (Mason SSB-4) Note: To be used with angle or channel.	80.02	
13 48 53 00-0021	EA	1/8" Cable Diameter Seismic Cable Brace Hook Anchor (Mason SCBH-1) Note: To be used with 7x19 stranded cable.	39.35	
13 48 53 00-0022	EA	3/16" Cable Diameter Seismic Cable Brace Hook Anchor (Mason SCBH-2) Note: To be used with 7x19 stranded cable.	52.62	
13 48 53 00-0023	EA	1/4" Cable Diameter Seismic Cable Brace Hook Anchor (Mason SCBH-3) Note: To be used with 7x19 stranded cable.	74.02	
13 48 53 00-0024	EA	1/8" Cable Diameter Seismic Cable Brace Vise Anchor (Mason SCBV-1) Note: Can be used with either SCB or SCBH on the other end. To be used with 7x19 stranded cable.	70.60	
13 48 53 00-0025	EA	3/16" Cable Diameter Seismic Cable Brace Vise Anchor (Mason SCBV-2) Note: Can be used with either SCB or SCBH on the other end. To be used with 7x19 stranded cable.	100.13	
13 48 53 00-0026	EA	1/4" Cable Diameter Seismic Cable Brace Vise Anchor (Mason SCBV-3) Note: Can be used with either SCB or SCBH on the other end. To be used with 7x19 stranded cable.	137.38	
13 48 53 00-0027	EA	Seismic Rod Clamp (Mason SRC-1) Note: To be used on 3/8" through 5/8" rod. 1" x 1" x 1/4" Angle or Stiffener not included.	29.52	
13 48 53 00-0028	EA	Seismic Rod Clamp (Mason SRC-1 1/2) Note: To be used on 3/8" through 1" rod. 1-1/2" x 1-1/2" x 1/4" Angle or Stiffener not included.	36.37	
13 48 53 00-0029	EA	Seismic Rod Clamp (Mason SRC-2) Note: To be used on 3/8" through 1-1/4" rod. 2" x 2" x 1/4" Angle or Stiffener not included.	45.78	

13 48 63 Fabricated Seismic Control Assemblies *(13 48)*

13 48 63 00-0001 Seismic Restraints *(13 48 63)*

13 48 63 00-0002	EA	1" x 1" Seismic Fastener, Gray, Drilled With 0.187 Diameter Hole Note: Adhesive applied.	5.42	1.14
13 48 63 00-0003	EA	1" x 1" Seismic Fastener, Gray, Adhesive Applied	4.29	0.57
13 48 63 00-0004	EA	1" x 2" Seismic Fastener, Gray, Drilled With (2) 0.187 Diameter Hole Note: Adhesive applied.	7.11	1.42
13 48 63 00-0005	EA	1" x 2" Seismic Fastener, Gray, Adhesive Applied	5.47	0.71
13 48 63 00-0006	EA	2" x 2" Seismic Fastener, Gray, Adhesive Applied	6.94	0.83
13 48 63 00-0007	EA	2" x 3" Seismic Fastener, Gray, Adhesive Applied	11.77	1.01
13 48 63 00-0008	LF	3/4" Wide Seismic Strap, Gray	4.90	0.86
13 48 63 00-0009	LF	1" Wide Seismic Strap, Gray	7.30	0.86

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 48 63 00-0010	EA	3/4" Wide x 4" Long Seismic Strap, Gray	2.32	0.57
13 48 63 00-0011	EA	3/4" Wide x 12" Long Seismic Strap, Gray	10.68	1.71
13 48 63 00-0012	LF	Seismic Chord, Black	2.86	0.86
13 48 63 00-0013	LF	SAFELOK Seismic Fastener, Black	3.86	0.86

END OF SECTION 13

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

14 Conveying Equipment

14 01 Operation and Maintenance of Conveying Equipment *(14)*

14 01 20 Operation and Maintenance of Elevators *(14 01)*

14 01 20 71 Elevator Rehabilitation *(14 01 20)*

14 01 20 71-0001 Elevator Maintenance *(14 01 20 71)*

14 01 20 71-0002	EA	Regular Routine Elevator Inspection, Traction Up to 10 floors (Sufficient for Issue of Certificate/Permit)	558.19	
14 01 20 71-0003	EA	Regular Routine Elevator Inspection, Traction Over 10 floors (Sufficient for Issue of Certificate/Permit)	744.25	
14 01 20 71-0004	EA	Regular Routine Elevator Inspection, Hydraulic (Sufficient for Issue of Certificate/Permit)	465.15	
14 01 20 71-0005	EA	Regular Routine Elevator Inspection, Roped Hydraulic (Sufficient for Issue of Certificate/Permit)	465.15	
14 01 20 71-0006	EA	Regular Routine Elevator Inspection, Dumbwaiter/Cart Lifts (Sufficient for Issue of Certificate/Permit)	279.09	
14 01 20 71-0007	HR	Elevator Servicing - Hydraulic, Labor Only	183.15	
14 01 20 71-0008	HR	Elevator Servicing - Traction, Labor Only	228.94	
14 01 20 71-0009	EA	Annual Category 1 Test for Traction Up to 10 floors	1,330.33	
14 01 20 71-0010	EA	Annual Category 1 Test for Traction Over 10 floors	1,662.91	
14 01 20 71-0011	EA	Annual Category 1 Test for Hydraulic Elevator	665.16	
14 01 20 71-0012	EA	Annual Category 1 Test for Roped Hydraulic Elevator	1,496.62	
14 01 20 71-0013	EA	Annual Category 1 Test for Dumbwaiter/Cart Lifts	997.75	
14 01 20 71-0014	EA	Full Load Test for Traction Up to 10 floors	2,328.08	
14 01 20 71-0015	EA	Full Load Test for Traction Over 10 floors	2,660.66	
14 01 20 71-0016	EA	Full Load Test for Hydraulic Elevator	1,995.49	
14 01 20 71-0017	EA	Full Load Test for Roped Hydraulic Elevator	2,494.36	
14 01 20 71-0018	EA	Full Load Test for Dumbwaiter/Cart Lifts	1,330.33	
14 01 20 71-0019	EA	Acceptance Test for Traction Up to 10 floors	2,099.61	
14 01 20 71-0020	EA	Acceptance Test for Traction Over 10 floors	2,362.07	
14 01 20 71-0021	EA	Acceptance Test for Hydraulic Elevator	2,099.61	
14 01 20 71-0022	EA	Acceptance Test for Roped Hydraulic Elevator	2,099.61	
14 01 20 71-0023	EA	Acceptance Test for Dumbwaiter/Cart Lifts	2,099.61	

14 01 20 71-0024 Elevator Modernization *(14 01 20 71)*

14 01 20 71-0025	EA	5" Piston Replacement (Hydraulic) Unit Up To 3 Stories (2,000 Lb. x 50 FPM) Note: Includes replacing existing piston/cylinder, 10 3/4" Sealed PVC, pit channel and buffers.	44,176.05	9,604.00
		For Union-Guard Cathodic Protection, Add *Note: Includes Pump.*	*9,976.79*	
		For An Additional Stop, Add *Note: Includes Removal.*	*10,078.60*	
14 01 20 71-0026	EA	6" Piston Replacement (Hydraulic) Unit Up To 3 Stories (2,000 Lb. x 50 FPM) Note: Includes replacing existing piston/cylinder, 10 3/4" Sealed PVC, pit channel and buffers.	47,662.18	11,604.82
		For Union-Guard Cathodic Protection, Add *Note: Includes Pump.*	*10,073.62*	
		For An Additional Stop, Add *Note: Includes Removal.*	*10,702.97*	
14 01 20 71-0027	EA	8" Piston Replacement (Hydraulic) Unit Up To 3 Stories (2,000 Lb. x 50 FPM) Note: Includes replacing existing piston/cylinder, 12 3/4" Sealed PVC, pit channel and buffers.	56,476.31	13,205.49
		For Union-Guard Cathodic Protection, Add *Note: Includes Pump.*	*11,622.82*	
		For An Additional Stop, Add *Note: Includes Removal.*	*13,740.03*	
14 01 20 71-0028	EA	Removal And Replacement Of Hydraulic Control (Maxton) Valve	5,930.42	
14 01 20 71-0029	EA	5 Gallon Container Of Hydraulic Oil For Elevator Modernization	78.98	
14 01 20 71-0030	EA	55 Gallon Container Of Hydraulic Oil For Elevator Modernization	870.54	
14 01 20 71-0031	SET	Car Roller Guide Assembly, Set Of Four Note: Includes cover plate.	4,603.58	800.33
14 01 20 71-0032	SET	CWT Roller Guide Assembly, Set Of Four Note: Includes cover plate.	3,913.41	800.33
14 01 20 71-0033	EA	8" Wide New Entrance With Frame, Header, Doors, And Hangers - Single Slide Door With Baked Enamel Finish Note: Excludes build back.	8,587.04	
14 01 20 71-0034	EA	8" Wide New Entrance With Frame, Header, Doors, And Hangers - Single Slide Door With Satin Stainless Finish Note: Excludes build back.	9,361.64	
14 01 20 71-0035	EA	8" Wide New Entrance With Frame, Header, Doors, And Hangers - Center Opening With Baked Enamel Finish Note: Excludes build back.	9,084.72	
14 01 20 71-0036	EA	8" Wide New Entrance With Frame, Header, Doors, And Hangers - Center Opening With Satin Stainless Finish Note: Excludes build back.	9,859.32	
14 01 20 71-0037	SF	Epoxy Aggregate, Elevator Cab Flooring Note: SF cost not applicable for partial cab flooring.	97.66	22.87
14 01 20 71-0038	SF	Aluminum Diamond Plate, Elevator Cab Flooring Note: SF cost not applicable for partial cab flooring.	83.91	22.87
14 01 20 71-0039	SF	1/8" Thick, Vinyl Composition Tile (VCT), Elevator Cab Flooring	14.80	3.00
14 01 20 71-0040	EA	Solid State Starting (Soft Start)	6,642.00	600.24
14 01 20 71-0041	EA	Pump Unit (Tank, Valve, Oil, Motor And Victaulic Fittings)	21,558.83	3,351.39
14 01 20 71-0042	EA	Hoistway Door Hanger Set (Rollers, Eccentrics And Track), Single Speed Side Slide (GAL Manufacturing)	2,673.66	800.33
14 01 20 71-0043	EA	Hoistway Door Closer Set (Spring Closer), Single Speed Side Slide (GAL Manufacturing)	497.31	200.08
14 01 20 71-0044	EA	Hoistway Door Closer Set (Spirator Closer), Single Speed Side Slide (GAL)	487.31	400.17
14 01 20 71-0045	EA	Hoistway Door Interlock Set, Single Speed Side Slide (GAL Manufacturing)	669.02	350.14
14 01 20 71-0046	EA	Hoistway Door Hanger Set (Rollers, Eccentrics And Track), Single Speed Center Opening (GAL Manufacturing)	3,208.17	800.33
14 01 20 71-0047	EA	Hoistway Door Closer Set (Spring Closer), Single Speed Center Opening (GAL Manufacturing)	664.50	370.15

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 01 20 71-0048	EA	Hoistway Door Closer Set (Spirator Closer), Single Speed Center Opening (GAL)	487.31	400.17
14 01 20 71-0049	EA	Hoistway Door Interlock Set, Single Speed Center Opening (GAL Manufacturing)	816.52	400.17
14 01 20 71-0050	EA	Fire Service Key Switch Controller	4,163.22	800.33
14 01 20 71-0051	EA	ADA Telephone (Rath Microtech)	1,306.09	400.17
14 01 20 71-0052	EA	Car Door Operator With ADA Buzzer, Single Speed Side Slide (GAL Manufacturing)	9,391.50	1,600.67
14 01 20 71-0053	EA	Car Door Operator With ADA Buzzer, Single Speed Center Opening (GAL Manufacturing)	10,127.38	1,600.67
14 01 20 71-0054	EA	Car Door Safety Edge (Infrared Proximity Type Edge)	2,950.88	400.17
14 01 20 71-0055	EA	Car Operating Panel (ADA, Fire, Position, Chime)	9,914.36	1,600.67
14 01 20 71-0056	EA	Car Position LED Indicator And Cover Plate, Stainless Steel	2,107.47	400.17
14 01 20 71-0057	EA	Car Traveling Lanterns With Audible Signal	1,839.54	400.17
14 01 20 71-0058	EA	Hoistway Door Jamb Floor Tags (Braille)	269.79	200.08
14 01 20 71-0059	EA	Lobby Vandal Resistant Call Station	1,733.04	400.17
14 01 20 71-0060	LF	Traveling Cable (4 - #14 AWG, 69 - #18 AWG, 1 Shielded Pair, 2 Co-Axial) Note: Excludes Removal and Replacement of Material. See CSI section 14 01 20 71-0061 for Removal and Replacement of Traveling Cable.	22.39	
14 01 20 71-0061	EA	Removal And Replacement Of Traveling Cable (4 - #14 AWG, 69 - #18 AWG, 1 Shielded Pair, 2 Co-Axial) Note: Excludes Traveling Cable material. See CSI section 14 01 20 71-0060 for Traveling Cable material.	6,402.67	3,201.33
14 01 20 71-0062	LF	Governor Cable Note: Removal and Replacement of Governor Cable is part of Traveling Cable Removal and Replacement.	1.74	
14 01 20 71-0063	EA	Elevator Cab Wall Coverings (3,500 Lb. Capacity: 6'-8" x 5'-5" Cab), Plastic Laminate - Hang On Panels	7,061.47	800.33
14 01 20 71-0064	EA	Elevator Cab Wall Coverings (3,500 Lb. Capacity: 6'-8" x 5'-5" Cab), Rigid Stainless Steel - Hang On Panels	10,159.87	800.33
14 01 20 71-0065	EA	Removal And Replacement Of Governor	5,925.43	800.33
14 01 20 71-0066	EA	Removal And Replacement Of Car Station	9,449.60	1,600.67
14 01 20 71-0067	EA	Removal And Replacement Of Telephone	1,984.78	400.17
14 01 20 71-0068	EA	Removal And Replacement Of Hall Lanterns	1,478.11	400.17
14 01 20 71-0069	EA	Hall Call Buttons, Vandal Resistant	1,187.63	400.17
14 01 20 71-0070	EA	Hall Traveling Lanterns With Audible Signal	1,878.28	400.17
14 01 20 71-0071	EA	Add Raised Character (Braille) Signage To Control Panel	222.74	200.08
14 01 20 71-0072	EA	New Microprocessor Based Controller (Non-Proprietary)	50,076.85	6,402.67
14 01 20 71-0073	EA	New Steel Shell And Canopy (Excludes Plastic Panels), For 5' x 7' Cab	28,969.00	6,402.67
14 01 20 71-0074	EA	New Steel Shell, Canopy And Platform (Excludes Plastic Laminate), For 5' x 7' Cab	45,054.16	6,402.67
14 01 20 71-0075	EA	Removal And Replacement Of Elevator/Hoistway Doors (Single Slide Door Arrangement), Baked Enamel	3,679.09	
14 01 20 71-0076	EA	Removal And Replacement Of Elevator/Hoistway Doors (Center Opening Door Arrangement), Baked Enamel	3,892.10	
14 01 20 71-0077	EA	Removal And Replacement Of Elevator/Hoistway Doors (Single Slide Door Arrangement), Stainless Steel	4,126.42	
14 01 20 71-0078	EA	Removal And Replacement Of Elevator/Hoistway Doors (Center Opening Door Arrangement), Stainless Steel	4,382.04	
14 01 20 71-0079	EA	Elevator Pit Ladder, Steel Note: Labor cost is for bolting to concrete pit wall.	3,466.08	400.17
14 01 20 71-0080	EA	New Steel Shell, Canopy, Platform, Standard Cab Plastic Laminate, For 5' x 7' Cab	56,001.49	6,402.67
14 01 20 71-0081	LF	Removal And Replacement Of Hoisting Cable, 3/8" - Liftpac, Bethlehem Wire Rope Minimum Breaking Strength (Tons): Traction Steel - 4.5, EHS Traction Steel - 5.5 Note: Labor cost is for replacement of set of 4 ropes and rise of 40 feet.	146.81	
14 01 20 71-0082	LF	Removal And Replacement Of Hoisting Cable, 1/2" - Liftpac, Bethlehem Wire Rope Minimum Breaking Strength (Tons): Traction Steel - 6.0, EHS Traction Steel - 9.7 Note: Labor cost is for replacement of set of 4 ropes and rise of 40 feet.	156.48	
14 01 20 71-0083	LF	Removal And Replacement Of Hoisting Cable, 5/8" - Liftpac, Bethlehem Wire Rope Minimum Breaking Strength (Tons): Traction Steel - 12.7, EHS Traction Steel - 15.4 Note: Labor cost is for replacement of set of 4 ropes and rise of 40 feet.	163.11	
14 01 20 71-0084	EA	Hydraulic Leak Detector And Alarm in Elevator Pit (Stancor Oil Minder - 0.5 HP)	10,201.22	800.33
14 01 20 71-0085	EA	6" Wide Elevator Door Jamb And Header Wrapped With 0.030" Stainless Steel (42" x 84" Opening) Note: Cladding typically done by metal company.	4,143.85	800.33
14 01 20 71-0086	EA	8" Wide Elevator Door Jamb And Header Wrapped With 0.030" Stainless Steel (42" x 84" Opening) Note: Cladding typically done by metal company.	4,240.68	800.33
14 01 20 71-0087	EA	10" Wide Elevator Door Jamb And Header Wrapped With 0.030" Stainless Steel (42" x 84" Opening) Note: Cladding typically done by metal company.	4,337.50	800.33
14 01 20 71-0088	EA	12" Wide Elevator Door Jamb And Header Wrapped With 0.030" Stainless Steel (42" x 84" Opening) Note: Cladding typically done by metal company.	4,453.69	800.33
14 01 20 71-0089	EA	"Rope Gripper" With Pumping Unit For Use On 4-7/8" Maximum Out to Out Of Cable	9,178.75	800.33
14 01 20 71-0090	EA	"Rope Gripper" With Pumping Unit For Use On 6" Maximum Out to Out Of Cable	9,178.75	800.33
14 01 20 71-0091	EA	"Rope Gripper" With Pumping Unit For Use On 10" Maximum Out to Out Of Cable	13,051.75	800.33
14 01 20 71-0092	EA	"Rope Gripper" With Pumping Unit For Use On 11-1/2" Maximum Out to Out Of Cable	14,988.25	800.33
14 01 20 71-0093	EA	60 Amperes, Elevator Disconnect Switch, 3 Phase, 480 - 120 Volt, Fire Safety Interface Relay, Mechanical Interlock	5,656.89	174.23
14 01 20 71-0094	EA	100 Amperes, Elevator Disconnect Switch, 3 Phase, 480 - 120 Volt, Fire Safety Interface Relay, Mechanical Interlock	5,900.35	209.08
14 01 20 71-0095	EA	200 Amperes, Elevator Disconnect Switch, 3 Phase, 480 - 120 Volt, Fire Safety Interface Relay, Mechanical Interlock	7,865.72	243.92
14 01 20 71-0096	EA	Aluminum Handrail Spacers With Set Screw	240.30	200.08
14 01 20 71-0097	EA	Bronze Handrail Spacers With Set Screw	245.67	200.08
14 01 20 71-0098	LF	1/2" x 2" Round Stainless Steel Elevator Handrail	164.84	47.08
14 01 20 71-0099	LF	3/8" x 2" Flat Bar, Brushed Finish, Stainless Steel Elevator Handrail	158.53	47.08
14 01 20 71-0100	LF	3/8" x 3" Flat Bar, Brushed Finish, Stainless Steel Elevator Handrail	188.04	47.08
14 01 20 71-0101	LF	3/8" x 2" Flat Bar, Mirror Finish, Stainless Steel Elevator Handrail	208.03	47.08
14 01 20 71-0102	LF	3/8" x 3" Flat Bar, Mirror Finish, Stainless Steel Elevator Handrail	237.77	47.08
14 01 20 71-0103	LF	3/8" x 2" Flat Bar, Brushed Finish, Bronze Steel Elevator Handrail	191.76	47.08
14 01 20 71-0104	LF	3/8" x 3" Flat Bar, Brushed Finish, Bronze Steel Elevator Handrail	218.02	47.08
14 01 20 71-0105	LF	3/8" x 2" Flat Bar, Mirror Finish, Bronze Steel Elevator Handrail, Mirror Finish	338.51	47.08
14 01 20 71-0106	LF	3/8" x 3" Flat Bar, Mirror Finish, Bronze Steel Elevator Handrail	380.18	47.08
14 01 20 71-0107	LF	3/8" x 1-1/2" Diameter Tubular, Brushed Finish, Stainless Steel Elevator Handrail	157.52	47.08
14 01 20 71-0108	LF	3/8" x 2" Diameter Tubular, Brushed Finish, Tubular Stainless Steel Elevator Handrail	159.13	47.08
14 01 20 71-0109	LF	3/8" x 2-1/2" Diameter Tubular, Brushed Finish, Stainless Steel Elevator Handrail	202.76	47.08
14 01 20 71-0110	LF	3/8" x 1-1/2" Diameter Tubular, Mirror Finish, Stainless Steel Elevator Handrail	189.90	47.08
14 01 20 71-0111	LF	3/8" x 2" Diameter Tubular, Mirror Finish, Stainless Steel Elevator Handrail	203.61	47.08
14 01 20 71-0112	LF	3/8" x 2-1/2" Diameter Tubular, Mirror Finish, Stainless Steel Elevator Handrail	254.75	47.08

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 01 20 71-0113	LF	3/8" x 1-1/2" Diameter Tubular, Brushed Finish, Tubular Bronze Steel Elevator Handrail	196.41	47.08
14 01 20 71-0114	LF	3/8" x 2" Diameter Tubular, Brushed Finish, Bronze Steel Elevator Handrail	200.82	47.08
14 01 20 71-0115	LF	3/8" x 2-1/2" Diameter Tubular, Brushed Finish Bronze Steel Elevator Handrail	335.37	47.08
14 01 20 71-0116	LF	3/8" x 1-1/2" Diameter Tubular, Mirror Finish, Bronze Steel Elevator Handrail	220.57	47.08
14 01 20 71-0117	LF	3/8" x 2" Diameter Tubular, Mirror Finish, Bronze Elevator Handrail	336.22	47.08
14 01 20 71-0118	LF	3/8" x 2-1/2" Diameter Tubular, Mirror Finish, Bronze Elevator Handrail	380.18	47.08

14 01 30 Operation and Maintenance of Escalators and Moving Walks *(14 01)*

14 01 30 71 Escalators and Moving Walks Rehabilitation *(14 01 30)*

14 01 30 71-0001 Maintenance *(14 01 30 71)*

14 01 30 71-0002	EA	Regular Escalator Inspection (Sufficient For Issue Of Certificate/Permit)	781.11
14 01 30 71-0003	HR	Escalator Servicing, Labor Only	183.15
14 01 30 71-0004	EA	Acceptance Test Of Escalators And Moving Walks	4,296.10

14 01 30 71-0005 Modernization *(14 01 30 71)*

14 01 30 71-0006	EA	Removal And Replacement Of 28" Wide Escalator Stair Tread	2,025.14
14 01 30 71-0007	EA	Removal And Replacement Of 36" Wide Escalator Stair Tread	2,171.78
14 01 30 71-0008	EA	Removal And Replacement Of 48" Wide Escalator Stair Tread	2,279.98
14 01 30 71-0009	EA	Removal And Replacement Of 54" Wide Escalator Stair Tread	2,459.94
14 01 30 71-0010	LF	Removal And Replacement Of Sliding Handrail	189.50

14 20 Elevators *(14)*

Note: Excludes final electrical work or shaft walls.

14 21 Electric Traction Elevators *(14 20)*

14 21 13 Electric Traction Freight Elevators *(14 21)*

14 21 13 00-0001 Electric Traction Freight Elevators *(14 21 13)*

Note: Painted metal shaft doors and steel painted cab. Unit prices based on a shaft of 6 stops (12 feet floor to floor) and 6 openings with power doors.

14 21 13 00-0002	EA	Electric Traction Freight Elevator, 4,000 Lb. x 200 FPM, 6 Stops, 6 Openings	370,628.90
		For Each Opening With Bonderized Steel Door, Add	*283.04*
		For Each Opening With Stainless Steel Doors, Add	*707.60*
		For Each Opening With Two Speed Doors, Add	*849.12*
		For Custom Plastic Laminated Cab Interiors, Add	*3,752.80*
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,629.20*
		For Stainless Steel Cab Interior, Add	*7,505.60*
		For Elevator With Manual Door, Deduct	*-10,000.00*
		For Class "C-1" Loading, Add	*1,563.04*
		For Class "C-2" Loading, Add	*1,876.40*
		For Class "C-3" Loading, Add	*2,566.92*
		For Removal Of Existing Stop, Add	*8,579.05*
		For Each Additional Stop, Add	*34,582.42*
		For Each Floor < 6 Stops, Deduct	*-30,085.71*
		For Each Additional 50 FPM, Add	*5,629.20*
		For Removal Of Existing Elevator, Add	*42,895.24*
14 21 13 00-0003	EA	Electric Traction Freight Elevator, 5,000 Lb. x 200 FPM, 6 Stops, 6 Openings	391,723.14
		For Each Opening With Bonderized Steel Door, Add	*283.04*
		For Each Opening With Stainless Steel Doors, Add	*707.60*
		For Each Opening With Two Speed Doors, Add	*849.12*
		For Custom Plastic Laminated Cab Interiors, Add	*3,752.80*
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,629.20*
		For Stainless Steel Cab Interior, Add	*7,505.60*
		For Elevator With Manual Door, Deduct	*-10,000.00*
		For Class "C-1" Loading, Add	*3,126.08*
		For Class "C-2" Loading, Add	*3,752.80*
		For Class "C-3" Loading, Add	*5,201.38*
		For Removal Of Existing Stop, Add	*8,579.05*
		For Each Additional Stop, Add	*34,582.42*
		For Each Floor < 6 Stops, Deduct	*-30,085.71*
		For Each Additional 50 FPM, Add	*5,629.20*
		For Removal Of Existing Elevator, Add	*42,895.24*
14 21 13 00-0004	EA	Electric Traction Freight Elevator, 6,000 Lb. x 200 FPM, 6 Stops, 6 Openings	414,444.07
		For Elevator With Manual Door, Deduct	*-10,000.00*
		For Class "C-1" Loading, Add	*3,126.08*
		For Class "C-2" Loading, Add	*3,752.80*
		For Class "C-3" Loading, Add	*5,201.38*
		For Custom Plastic Laminated Cab Interiors, Add	*4,691.00*
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*6,567.40*
		For Stainless Steel Cab Interior, Add	*8,443.80*
		For Removal Of Existing Stop, Add	*8,579.05*
		For Each Additional Stop, Add	*35,520.62*
		For Each Additional 50 FPM, Add	*5,629.20*
		For Each Opening With Bonderized Steel Door, Add	*281.46*
		For Each Opening With Stainless Steel Doors, Add	*562.92*
		For Each Opening With Two Speed Doors, Add	*703.65*
		For Removal Of Existing Elevator, Add	*42,895.24*
		For Each Floor < 6 Stops, Deduct	*-31,085.71*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 21 13 00-0005	EA	Electric Traction Freight Elevator, 7,000 Lb. x 200 FPM, 6 Stops, 6 Openings	424,366.37	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Class "C-1" Loading, Add	*3,126.08*	
		For Class "C-2" Loading, Add	*3,752.80*	
		For Class "C-3" Loading, Add	*5,201.38*	
		For Custom Plastic Laminated Cab Interiors, Add	*4,691.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*6,567.40*	
		For Stainless Steel Cab Interior, Add	*8,443.80*	
		For Removal Of Existing Stop, Add	*8,579.05*	
		For Each Additional Stop, Add	*35,520.62*	
		For Each Additional 50 FPM, Add	*5,629.20*	
		For Each Opening With Bonderized Steel Door, Add	*281.46*	
		For Each Opening With Stainless Steel Doors, Add	*562.92*	
		For Each Opening With Two Speed Doors, Add	*703.65*	
		For Removal Of Existing Elevator, Add	*42,895.24*	
		For Each Floor < 6 Stops, Deduct	*-31,085.71*	
14 21 13 00-0006	EA	Electric Traction Freight Elevator, 8,000 Lb. x 200 FPM, 6 Stops, 6 Openings	437,540.23	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Each Additional 50 FPM, Add	*14,152.00*	
		For Class "C-1" Loading, Add	*6,254.04*	
		For Class "C-2" Loading, Add	*7,505.60*	
		For Class "C-3" Loading, Add	*10,267.66*	
		For Removal Of Existing Stop, Add	*8,579.05*	
		For Each Additional Stop, Add	*35,520.62*	
		For Each Opening With Bonderized Steel Door, Add	*375.28*	
		For Each Opening With Stainless Steel Doors, Add	*656.74*	
		For Each Opening With Two Speed Doors, Add	*797.47*	
		For Custom Plastic Laminated Cab Interiors, Add	*5,629.20*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*7,505.60*	
		For Stainless Steel Cab Interior, Add	*9,382.00*	
		For Removal Of Existing Elevator, Add	*42,895.24*	
		For Each Floor < 6 Stops, Deduct	*-31,085.71*	
14 21 13 00-0007	EA	Electric Traction Freight Elevator, 10,000 Lb. x 200 FPM, 6 Stops, 6 Openings	452,581.70	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Each Additional 50 FPM, Add	*14,152.00*	
		For Class "C-1" Loading, Add	*6,254.04*	
		For Class "C-2" Loading, Add	*7,505.60*	
		For Class "C-3" Loading, Add	*10,267.66*	
		For Removal Of Existing Stop, Add	*8,579.05*	
		For Each Additional Stop, Add	*35,520.62*	
		For Each Opening With Bonderized Steel Door, Add	*375.28*	
		For Each Opening With Stainless Steel Doors, Add	*656.74*	
		For Each Opening With Two Speed Doors, Add	*797.47*	
		For Custom Plastic Laminated Cab Interiors, Add	*5,629.20*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*7,505.60*	
		For Stainless Steel Cab Interior, Add	*9,382.00*	
		For Removal Of Existing Elevator, Add	*42,895.24*	
		For Each Floor < 6 Stops, Deduct	*-31,085.71*	
14 21 13 00-0008	EA	Electric Traction Freight Elevator, 12,000 Lb. x 200 FPM, 6 Stops, 6 Openings	465,370.80	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Each Additional 50 FPM, Add	*14,152.00*	
		For Class "C-1" Loading, Add	*6,254.04*	
		For Class "C-2" Loading, Add	*7,505.60*	
		For Class "C-3" Loading, Add	*10,267.66*	
		For Removal Of Existing Stop, Add	*8,579.05*	
		For Each Additional Stop, Add	*35,520.62*	
		For Each Opening With Bonderized Steel Door, Add	*375.28*	
		For Each Opening With Stainless Steel Doors, Add	*656.74*	
		For Each Opening With Two Speed Doors, Add	*797.47*	
		For Custom Plastic Laminated Cab Interiors, Add	*5,629.20*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*7,505.60*	
		For Stainless Steel Cab Interior, Add	*9,382.00*	
		For Removal Of Existing Elevator, Add	*42,895.24*	
		For Each Floor < 6 Stops, Deduct	*-31,085.71*	

14 21 23 Electric Traction Passenger Elevators *(14 21)*

14 21 23 13 Machine Room Electric Traction Passenger Elevators *(14 21 23)*

14 21 23 13-0001 Electric Traction Passenger Elevators *(14 21 23 13)*

Note: Baked enamel shaft doors and plastic laminate trimmed cab, allowance of $7,500. Unit prices based on a shaft of 6 stops (12 feet floor to floor) and 6 openings.

14 21 23 13-0002	EA	Electric Traction Passenger Elevator, 2,000 Lb. x 200 FPM, 6 Stops, 6 Openings	277,998.90	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,752.80*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,629.20*	
		For Stainless Steel Cab Interior, Add	*7,505.60*	
		For Each Additional 50 FPM, Add	*5,837.70*	
		For Removal Of Existing Stop, Add	*4,289.53*	
		For Each Additional Stop, Add	*34,582.42*	
		For Each Floor < 6 Stops, Deduct	*-20,723.78*	
		For Removal Of Existing Elevator, Add	*32,171.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 21 23 13-0003	EA	Electric Traction Passenger Elevator, 2,500 Lb. x 200 FPM, 6 Stops, 6 Openings	285,308.26	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,752.80*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,629.20*	
		For Stainless Steel Cab Interior, Add	*7,505.60*	
		For Each Additional 50 FPM, Add	*5,837.70*	
		For Removal Of Existing Stop, Add	*4,289.53*	
		For Each Additional Stop, Add	*34,582.42*	
		For Each Floor < 6 Stops, Deduct	*-20,723.78*	
		For Removal Of Existing Elevator, Add	*32,171.45*	
14 21 23 13-0004	EA	Electric Traction Passenger Elevator, 3,000 Lb. x 200 FPM, 6 Stops, 6 Openings	291,573.42	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,752.80*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,629.20*	
		For Stainless Steel Cab Interior, Add	*7,505.60*	
		For Each Additional 50 FPM, Add	*5,837.70*	
		For Removal Of Existing Stop, Add	*4,289.53*	
		For Each Additional Stop, Add	*34,582.42*	
		For Each Floor < 6 Stops, Deduct	*-20,723.78*	
		For Removal Of Existing Elevator, Add	*32,171.45*	
14 21 23 13-0005	EA	Electric Traction Passenger Elevator, 3,500 Lb. x 200 FPM, 6 Stops, 6 Openings	296,174.37	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,752.80*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,629.20*	
		For Stainless Steel Cab Interior, Add	*7,505.60*	
		For Each Additional 50 FPM, Add	*5,837.70*	
		For Removal Of Existing Stop, Add	*4,289.53*	
		For Each Additional Stop, Add	*34,582.42*	
		For Each Floor < 6 Stops, Deduct	*-20,723.78*	
		For Removal Of Existing Elevator, Add	*32,171.45*	
14 21 23 13-0006	EA	Electric Traction Passenger Elevator, 4,000 Lb. x 200 FPM, 6 Stops, 6 Openings	302,061.97	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,752.80*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,629.20*	
		For Stainless Steel Cab Interior, Add	*7,505.60*	
		For Each Additional 50 FPM, Add	*5,837.70*	
		For Removal Of Existing Stop, Add	*4,289.53*	
		For Each Additional Stop, Add	*34,582.42*	
		For Each Floor < 6 Stops, Deduct	*-20,723.78*	
		For Removal Of Existing Elevator, Add	*32,171.45*	
14 21 23 13-0007	EA	Electric Traction Passenger Elevator, 4,500 Lb. x 200 FPM, 6 Stops, 6 Openings	307,822.48	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,752.80*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,629.20*	
		For Stainless Steel Cab Interior, Add	*7,505.60*	
		For Each Additional 50 FPM, Add	*5,837.70*	
		For Removal Of Existing Stop, Add	*4,289.53*	
		For Each Additional Stop, Add	*34,582.42*	
		For Each Floor < 6 Stops, Deduct	*-20,723.78*	
		For Removal Of Existing Elevator, Add	*32,171.45*	
14 21 23 13-0008	EA	Electric Traction Passenger Elevator, 5,000 Lb. x 200 FPM, 6 Stops, 6 Openings	313,724.46	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,752.80*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,629.20*	
		For Stainless Steel Cab Interior, Add	*7,505.60*	
		For Each Additional 50 FPM, Add	*5,837.70*	
		For Removal Of Existing Stop, Add	*4,289.53*	
		For Each Additional Stop, Add	*34,582.42*	
		For Each Floor < 6 Stops, Deduct	*-20,723.78*	
		For Removal Of Existing Elevator, Add	*32,171.45*	

14 24 Hydraulic Elevators *(14 20)*

Note: Prices are for a complete operating elevator including all standard controls, hydraulic motor and devices based on unit with cab sized 5' by 8' with galvanized primed shaft door with cab allowances as listed below.

14 24 13 Hydraulic Freight Elevators *(14 24)*

14 24 13 00-0001 Hydraulic Freight Elevators *(14 24 13)*

Note: Painted metal shaft doors and steel painted cab. Unit prices based on a shaft of 3 stops (15 feet floor to floor) and 3 openings with power doors.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 24 13 00-0002	EA	Hydraulic Freight Elevator, 3,000 Lb. x 50 FPM, 3 Stops, 3 Openings	229,074.01	
		For Each Additional Stop, Add	*26,247.09*	
		For 2 Stops, Deduct	*-15,753.30*	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Each Opening With Two Speed Doors, Add	*849.12*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,752.80*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,629.20*	
		For Stainless Steel Cab Interior, Add	*7,505.60*	
		For Each Additional 50 FPM, Add	*2,830.40*	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Class "C-1" Loading, Add	*1,563.04*	
		For Class "C-2" Loading, Add	*1,876.40*	
		For Class "C-3" Loading, Add	*2,566.92*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*311.90*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*54.04*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*84.44*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Removal Of Existing Stop, Add	*8,579.05*	
		For Removal Of Existing Elevator, Add	*21,447.62*	
14 24 13 00-0003	EA	Hydraulic Freight Elevator, 3,500 Lb. x 50 FPM, 3 Stops, 3 Openings	236,339.01	
		For Each Additional Stop, Add	*26,247.09*	
		For 2 Stops, Deduct	*-15,753.30*	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Each Opening With Two Speed Doors, Add	*849.12*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,752.80*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,629.20*	
		For Stainless Steel Cab Interior, Add	*7,505.60*	
		For Each Additional 50 FPM, Add	*2,830.40*	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Class "C-1" Loading, Add	*1,563.04*	
		For Class "C-2" Loading, Add	*1,876.40*	
		For Class "C-3" Loading, Add	*2,566.92*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*311.90*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*54.04*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*84.44*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Removal Of Existing Stop, Add	*8,579.05*	
		For Removal Of Existing Elevator, Add	*21,447.62*	
14 24 13 00-0004	EA	Hydraulic Freight Elevator, 4,000 Lb. x 50 FPM, 3 Stops, 3 Openings	243,187.66	
		For Each Additional Stop, Add	*26,247.09*	
		For 2 Stops, Deduct	*-15,753.30*	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Each Opening With Two Speed Doors, Add	*849.12*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,752.80*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,629.20*	
		For Stainless Steel Cab Interior, Add	*7,505.60*	
		For Each Additional 50 FPM, Add	*2,830.40*	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Class "C-1" Loading, Add	*1,563.04*	
		For Class "C-2" Loading, Add	*1,876.40*	
		For Class "C-3" Loading, Add	*2,566.92*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*311.90*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*54.04*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*84.44*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Removal Of Existing Stop, Add	*8,579.05*	
		For Removal Of Existing Elevator, Add	*21,447.62*	
14 24 13 00-0005	EA	Hydraulic Freight Elevator, 5,000 Lb. x 50 FPM, 3 Stops, 3 Openings	249,823.87	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Each Opening With Two Speed Doors, Add	*849.12*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,752.80*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,629.20*	
		For Stainless Steel Cab Interior, Add	*7,505.60*	
		For Each Additional 50 FPM, Add	*2,830.40*	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Each Additional Stop, Add	*27,662.29*	
		For 2 Stops, Deduct	*-16,753.30*	
		For Class "C-1" Loading, Add	*3,126.08*	
		For Class "C-2" Loading, Add	*3,752.80*	
		For Class "C-3" Loading, Add	*5,201.38*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*311.90*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*54.04*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*84.44*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Removal Of Existing Stop, Add	*8,579.05*	
		For Removal Of Existing Elevator, Add	*21,447.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 24 13 00-0006	EA	Hydraulic Freight Elevator, 6,000 Lb. x 50 FPM, 3 Stops, 3 Openings	263,746.93	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Each Opening With Two Speed Doors, Add	*849.12*	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Each Additional Stop, Add	*27,662.29*	
		For 2 Stops, Deduct	*-16,753.30*	
		For Class "C-1" Loading, Add	*3,126.08*	
		For Class "C-2" Loading, Add	*3,752.80*	
		For Class "C-3" Loading, Add	*5,201.38*	
		For Each Additional 50 FPM, Add	*14,152.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*4,691.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*6,567.40*	
		For Stainless Steel Cab Interior, Add	*8,443.80*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*311.90*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*54.04*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*84.44*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Removal Of Existing Stop, Add	*8,579.05*	
		For Removal Of Existing Elevator, Add	*21,447.62*	
14 24 13 00-0007	EA	Hydraulic Freight Elevator, 7,000 Lb. x 50 FPM, 3 Stops, 3 Openings	270,425.35	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Each Opening With Two Speed Doors, Add	*849.12*	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Each Additional Stop, Add	*27,662.29*	
		For 2 Stops, Deduct	*-16,753.30*	
		For Class "C-1" Loading, Add	*3,126.08*	
		For Class "C-2" Loading, Add	*3,752.80*	
		For Class "C-3" Loading, Add	*5,201.38*	
		For Each Additional 50 FPM, Add	*14,152.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*4,691.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*6,567.40*	
		For Stainless Steel Cab Interior, Add	*8,443.80*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*311.90*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*54.04*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*84.44*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Removal Of Existing Stop, Add	*8,579.05*	
		For Removal Of Existing Elevator, Add	*32,171.45*	
14 24 13 00-0008	EA	Hydraulic Freight Elevator, 8,000 Lb. x 50 FPM, 3 Stops, 3 Openings	280,500.38	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Each Opening With Two Speed Doors, Add	*849.12*	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Each Additional Stop, Add	*27,662.29*	
		For 2 Stops, Deduct	*-16,753.30*	
		For Custom Plastic Laminated Cab Interiors, Add	*4,691.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*6,567.40*	
		For Stainless Steel Cab Interior, Add	*8,443.80*	
		For Each Additional 50 FPM, Add	*15,567.20*	
		For Class "C-1" Loading, Add	*7,815.21*	
		For Class "C-2" Loading, Add	*9,382.00*	
		For Class "C-3" Loading, Add	*12,834.58*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*311.90*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*54.04*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*84.44*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Removal Of Existing Stop, Add	*8,579.05*	
		For Removal Of Existing Elevator, Add	*32,171.45*	
14 24 13 00-0009	EA	Hydraulic Freight Elevator, 10,000 Lb. x 50 FPM, 3 Stops, 3 Openings	287,846.68	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Each Opening With Two Speed Doors, Add	*849.12*	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Each Additional Stop, Add	*27,662.29*	
		For 2 Stops, Deduct	*-16,753.30*	
		For Custom Plastic Laminated Cab Interiors, Add	*4,691.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*6,567.40*	
		For Stainless Steel Cab Interior, Add	*8,443.80*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*311.90*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*54.04*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*84.44*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Removal Of Existing Stop, Add	*8,579.05*	
		For Removal Of Existing Elevator, Add	*32,171.45*	
		For Each Additional 50 FPM, Add	*16,982.40*	
		For Class "C-1" Loading, Add	*10,394.32*	
		For Class "C-2" Loading, Add	*12,478.06*	
		For Class "C-3" Loading, Add	*17,069.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 24 13 00-0010	EA	Hydraulic Freight Elevator, 12,000 Lb. x 50 FPM, 3 Stops, 3 Openings	300,348.00	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Each Opening With Two Speed Doors, Add	*849.12*	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Each Additional Stop, Add	*27,662.29*	
		For 2 Stops, Deduct	*-16,753.30*	
		For Custom Plastic Laminated Cab Interiors, Add	*4,691.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*6,567.40*	
		For Stainless Steel Cab Interior, Add	*8,443.80*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*311.90*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*54.04*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*84.44*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Removal Of Existing Stop, Add	*8,579.05*	
		For Removal Of Existing Elevator, Add	*32,171.45*	
		For Each Additional 50 FPM, Add	*16,982.40*	
		For Class "C-1" Loading, Add	*10,394.32*	
		For Class "C-2" Loading, Add	*12,478.06*	
		For Class "C-3" Loading, Add	*17,069.61*	

14 24 13 00-0011 Hydraulic Elevators Piston Drilling *(14 24 13)*

14 24 13 00-0012	VLF	Up To 6" Diameter Piston Drilling	98.74	
		Note: Includes casing.		
14 24 13 00-0013	VLF	8" To 10" Diameter Piston Drilling	117.95	
		Note: Includes casing.		

14 24 23 Hydraulic Passenger Elevators *(14 24)*

14 24 23 00-0001 Hydraulic Passenger Elevators *(14 24 23)*

Note: Baked enamel shaft doors and plastic laminate trimmed cab, allowance of $7,500. Unit prices based on a shaft of 3 stops (15 feet floor to floor) and 3 openings.

14 24 23 00-0002	EA	Hydraulic Passenger Elevator, 2,100 Lb. x 100 FPM, 3 Stops, 3 Openings	159,584.33	
		For Each Additional Stop, Add	*26,247.09*	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,752.80*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,629.20*	
		For Stainless Steel Cab Interior, Add	*7,505.60*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*311.90*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*54.04*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*84.44*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Each Additional 50 FPM, Add	*5,837.70*	
		For Removal Of Existing Elevator, Add	*21,447.62*	
		For Removal Of Existing Stop, Add	*4,289.53*	
		For 2 Stops, Deduct	*-10,000.00*	
14 24 23 00-0003	EA	Hydraulic Passenger Elevator, 2,500 Lb. x 100 FPM, 3 Stops, 3 Openings	162,414.73	
		For Each Additional Stop, Add	*26,247.09*	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,752.80*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,629.20*	
		For Stainless Steel Cab Interior, Add	*7,505.60*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*311.90*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*54.04*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*84.44*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Each Additional 50 FPM, Add	*5,837.70*	
		For Removal Of Existing Elevator, Add	*21,447.62*	
		For Removal Of Existing Stop, Add	*4,289.53*	
		For 2 Stops, Deduct	*-10,000.00*	
14 24 23 00-0004	EA	Hydraulic Passenger Elevator, 3,000 Lb. x 100 FPM, 3 Stops, 3 Openings	164,360.63	
		For Each Additional Stop, Add	*26,247.09*	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,752.80*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,629.20*	
		For Stainless Steel Cab Interior, Add	*7,505.60*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*311.90*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*54.04*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*84.44*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Each Additional 50 FPM, Add	*5,837.70*	
		For Removal Of Existing Elevator, Add	*21,447.62*	
		For Removal Of Existing Stop, Add	*4,289.53*	
		For 2 Stops, Deduct	*-10,000.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 24 23 00-0005	EA	Hydraulic Passenger Elevator, 3,500 Lb. x 100 FPM, 3 Stops, 3 Openings	172,092.20	
		For Each Additional Stop, Add	*26,247.09*	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,752.80*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,629.20*	
		For Stainless Steel Cab Interior, Add	*7,505.60*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*311.90*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*54.04*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*84.44*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Each Additional 50 FPM, Add	*5,837.70*	
		For Removal Of Existing Elevator, Add	*21,447.62*	
		For Removal Of Existing Stop, Add	*4,289.53*	
		For 2 Stops, Deduct	*-10,000.00*	
14 24 23 00-0006	EA	Hydraulic Passenger Elevator, 4,000 Lb. x 100 FPM, 3 Stops, 3 Openings	175,261.33	
		For Each Additional Stop, Add	*26,247.09*	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,752.80*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,629.20*	
		For Stainless Steel Cab Interior, Add	*7,505.60*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*311.90*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*54.04*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*84.44*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Each Additional 50 FPM, Add	*5,837.70*	
		For Removal Of Existing Elevator, Add	*21,447.62*	
		For Removal Of Existing Stop, Add	*4,289.53*	
		For 2 Stops, Deduct	*-10,000.00*	
14 24 23 00-0007	EA	Hydraulic Passenger Elevator, 4,500 Lb. x 100 FPM, 3 Stops, 3 Openings	179,400.79	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,752.80*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,629.20*	
		For Stainless Steel Cab Interior, Add	*7,505.60*	
		For Each Additional Stop, Add	*27,662.29*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*311.90*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*54.04*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*84.44*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Each Additional 50 FPM, Add	*5,837.70*	
		For Removal Of Existing Elevator, Add	*21,447.62*	
		For Removal Of Existing Stop, Add	*4,289.53*	
		For 2 Stops, Deduct	*-10,000.00*	
14 24 23 00-0008	EA	Hydraulic Passenger Elevator, 5,000 Lb. x 100 FPM, 3 Stops, 3 Openings	183,835.21	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Each Opening With Two Speed Doors, Add	*849.12*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,752.80*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,629.20*	
		For Stainless Steel Cab Interior, Add	*7,505.60*	
		For Each Additional Stop, Add	*27,662.29*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*311.90*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*54.04*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*84.44*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Each Additional 50 FPM, Add	*5,837.70*	
		For Removal Of Existing Elevator, Add	*21,447.62*	
		For Removal Of Existing Stop, Add	*4,289.53*	
		For 2 Stops, Deduct	*-10,000.00*	

14 24 23 00-0009 Twin Holeless Hydraulic Passenger Elevator *(14 24 23)*

Note: Baked enamel shaft doors and plastic laminate trimmed cab, allowance of $7,500. Unit prices based on a shaft of 2 stops (10 feet floor to floor) and 2 openings.

14 24 23 00-0010	EA	Twin Holeless Hydraulic Passenger Elevator, 2,100 Lb. x 100 FPM	137,095.21	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,283.70*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*4,691.00*	
		For Stainless Steel Cab Interior, Add	*5,629.20*	
		For Removal Of Existing Elevator, Add	*21,447.62*	
		For Each Additional Stop, Add	*27,855.66*	
		For An Additional 25 FPM, Add	*2,384.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 24 23 00-0011	EA	Twin Holeless Hydraulic Passenger Elevator, 2,500 Lb. x 100 FPM	142,189.85	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,283.70*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*4,691.00*	
		For Stainless Steel Cab Interior, Add	*5,629.20*	
		For Removal Of Existing Elevator, Add	*21,447.62*	
		For Each Additional Stop, Add	*27,855.66*	
		For An Additional 25 FPM, Add	*2,384.61*	
14 24 23 00-0012	EA	Twin Holeless Hydraulic Passenger Elevator, 3,000 Lb. x 100 FPM	147,088.31	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,283.70*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*4,691.00*	
		For Stainless Steel Cab Interior, Add	*5,629.20*	
		For Removal Of Existing Elevator, Add	*21,447.62*	
		For Each Additional Stop, Add	*27,855.66*	
		For An Additional 25 FPM, Add	*2,384.61*	
14 24 23 00-0013	EA	Twin Holeless Hydraulic Passenger Elevator, 3,500 Lb. x 100 FPM	170,321.31	
		For Each Opening With Bonderized Steel Door, Add	*283.04*	
		For Each Opening With Stainless Steel Doors, Add	*707.60*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,283.70*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*4,691.00*	
		For Stainless Steel Cab Interior, Add	*5,629.20*	
		For Removal Of Existing Elevator, Add	*21,447.62*	
		For Each Additional Stop, Add	*27,855.66*	
		For An Additional 25 FPM, Add	*2,384.61*	

14 27 Custom Elevator Cabs and Doors *(14 20)*

14 27 13 Custom Elevator Cab Finishes *(14 27)*

14 27 13 00-0001 Custom Elevator Cab Finish Options *(14 27 13)*

Note: Review elevator task modifiers for additional cab finishes.

14 27 13 00-0002	EA	Intercom Service	1,550.41	

14 27 13 00-0003 Custom Elevator Hall Finish Options *(14 27 13)*

14 27 13 00-0004	EA	Stainless Steel Door, Hall Finishes	1,799.80	
14 27 13 00-0005	EA	Stainless Steel Frames, Hall Finishes	1,891.31	
14 27 13 00-0006	EA	Hall Lantern, Signal Devices	984.10	

14 27 16 Custom Elevator Doors *(14 27)*

14 27 16 00-0001 Custom Elevator Door Options *(14 27 16)*

14 27 16 00-0002	EA	Center Opening, 1 Speed Doors	3,832.65	
14 27 16 00-0003	EA	Center Opening, 2 Speed Doors	4,869.81	
14 27 16 00-0004	EA	Rear Opening Doors (Opposite Front)	6,730.62	
14 27 16 00-0005	EA	Side Opening, 2 Speed Doors	10,604.75	
14 27 16 00-0006	EA	Bi-Parting Doors	11,567.78	
14 27 16 00-0007	EA	Power Operated Door And Gate	34,690.57	

14 28 Elevator Equipment and Controls *(14 20)*

14 28 16 Elevator Controls *(14 28)*

14 28 16 00-0001 Passenger Or Freight Elevator Options *(14 28 16)*

14 28 16 00-0002	EA	2 Car Group, Elevator Automatic Controls	9,250.31	1,213.50
14 28 16 00-0003	EA	3 Car Group, Elevator Automatic Controls	14,003.50	1,818.95
14 28 16 00-0004	EA	4 Car Group, Elevator Automatic Controls	21,452.34	2,425.26
14 28 16 00-0005	EA	5 Car Group, Elevator Automatic Controls	30,001.14	3,078.18
14 28 16 00-0006	EA	6 Car Group, Elevator Automatic Controls	41,489.09	3,637.87
14 28 16 00-0007	EA	Duplex Care Selective Collective	8,822.33	
14 28 16 00-0008	EA	Automatic Emergency Power Switching	5,497.29	
14 28 16 00-0009	EA	Manual Emergency Power Switching	978.00	
14 28 16 00-0010	EA	Up To 3, Position Indicator, Signal Devices	234.55	
14 28 16 00-0011	EA	>3, Position Indicator, Signal Devices	197.21	
14 28 16 00-0012	EA	High Speed Heavy-Duty Door Opener	3,355.55	
14 28 16 00-0013	EA	Variable Voltage, Overhead Gearless Machine, Minimum	58,233.99	
14 28 16 00-0014	EA	Variable Voltage, Overhead Gearless Machine, Average	95,097.72	
14 28 16 00-0015	EA	Variable Voltage, Overhead Gearless Machine, Maximum	131,798.85	
14 28 16 00-0016	EA	Variable Voltage, Basement Installed Geared Machine, Minimum	24,477.95	
14 28 16 00-0017	EA	Variable Voltage, Basement Installed Geared Machine, Average	30,090.87	
14 28 16 00-0018	EA	Variable Voltage, Basement Installed Geared Machine, Maximum	33,263.39	
14 28 16 00-0019	SF	1/4" Thick, Steel Plate, Elevator Cab Floor	45.76	
14 28 16 00-0020	SF	1/4" Thick, Steel Plate, Elevator Walls	45.21	

14 30 Escalators and Moving Walks *(14)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

14 31 Escalators *(14 30)*

14 31 00 00-0001 Stainless Steel Escalator Construction *(14 31)*

Note: Prices are medians and are based on each moving stairway. Complete, includes all standard accessories and single microprocessor controlled electronic display sign packages, LED.

14 31 00 00-0002	EA	Escalators Stainless Steel, 32" Wide x 12' Floor To Floor Height	162,317.86	13,537.39
14 31 00 00-0003	EA	Escalators Stainless Steel, 32" Wide x 15' Floor To Floor Height	179,715.52	15,998.74
14 31 00 00-0004	EA	Escalators Stainless Steel, 32" Wide x 18' Floor To Floor Height	195,695.83	18,460.09
14 31 00 00-0005	EA	Escalators Stainless Steel, 32" Wide x 22' Floor To Floor Height	216,244.56	22,152.10
14 31 00 00-0006	EA	Escalators Stainless Steel, 32" Wide x 25' Floor To Floor Height	238,800.75	24,613.44
14 31 00 00-0007	EA	Escalators Stainless Steel, 36" Wide x 12' Floor To Floor Height	171,669.78	14,398.87
14 31 00 00-0008	EA	Escalators Stainless Steel, 36" Wide x 15' Floor To Floor Height	190,412.98	17,229.42
14 31 00 00-0009	EA	Escalators Stainless Steel, 36" Wide x 18' Floor To Floor Height	206,370.82	19,690.75
14 31 00 00-0010	EA	Escalators Stainless Steel, 36" Wide x 22' Floor To Floor Height	232,445.95	24,736.51
14 31 00 00-0011	EA	Escalators Stainless Steel, 36" Wide x 25' Floor To Floor Height	250,521.88	26,582.53
14 31 00 00-0012	EA	Escalators Stainless Steel, 48" Wide x 12' Floor To Floor Height	181,419.30	15,260.34
14 31 00 00-0013	EA	Escalators Stainless Steel, 48" Wide x 15' Floor To Floor Height	201,829.38	18,460.09
14 31 00 00-0014	EA	Escalators Stainless Steel, 48" Wide x 18' Floor To Floor Height	217,357.19	20,921.43
14 31 00 00-0015	EA	Escalators Stainless Steel, 48" Wide x 22' Floor To Floor Height	249,741.90	26,090.25
14 31 00 00-0016	EA	Escalators Stainless Steel, 48" Wide x 25' Floor To Floor Height	265,088.65	28,551.60
14 31 00 00-0017	EA	Escalator Fire Shutter Fusible Link	24,069.37	492.27

14 32 Moving Walks *(14 30)*

14 32 00 00-0001 Moving Sidewalks *(14 32)*

Note: Prices are medians. Includes safety rails.

14 32 00 00-0002	LF	Moving Sidewalks, 28" Wide	1,702.81	295.36
		For Each LF Of Ramp Or Sloped Sections, Add	*269.68*	
14 32 00 00-0003	LF	Moving Sidewalks, 36" Wide	2,280.76	301.52
		For Each LF Of Ramp Or Sloped Sections, Add	*383.80*	
14 32 00 00-0004	LF	Moving Sidewalks, 48" Wide	2,573.70	313.83
		For Each LF Of Ramp Or Sloped Sections, Add	*439.44*	
14 32 00 00-0005	LF	Moving Sidewalks, 54" Wide	2,960.55	340.41
		For Each LF Of Ramp Or Sloped Sections, Add	*510.42*	

14 40 Lifts *(14)*

14 41 People Lifts *(14 40)*

14 41 16 Endless-Belt People Lifts *(14 41)*

14 41 16 00-0001 Personnel Lifts Electrically Operated *(14 41 16)*

Note: 1 Or 2 person lift by vertical belt with attached foot platforms average of 36" diameter openings.

14 41 16 00-0002	EA	Personnel Lifts, Electric, 1-2 Person, 3 Stops	29,221.30	
		For An Additional Stop, Add	*834.80*	
		For Tinted Plexiglas Enclosure, Weatherproof, Add	*3,506.56*	
14 41 16 00-0003	EA	Personnel Lifts, Electric, 1-2 Person, 5 Stops	30,739.29	
		For An Additional Stop, Add	*834.80*	
		For Tinted Plexiglas Enclosure, Weatherproof, Add	*3,688.71*	
14 41 16 00-0004	EA	Personnel Lifts, Electric, 1-2 Person, 7 Stops	32,257.28	
		For An Additional Stop, Add	*834.80*	
		For Tinted Plexiglas Enclosure, Weatherproof, Add	*3,870.87*	

14 41 19 Stairway Chairlifts *(14 41)*

14 41 19 00-0001 Chair Lift-Stair Climber *(14 41 19)*

Note: Includes landing, rails, lifting device and gates.

14 41 19 00-0002	EA	Chair Lift, Stair Climber Per Story, Single Passenger, Indoor, 300 Lb. Capacity Note: Includes top and bottom call button, safety chair, track, and power unit.	7,874.79	1,041.48

14 42 Wheelchair Lifts *(14 40)*

14 42 13 Inclined Wheelchair Lifts *(14 42)*

14 42 13 00-0001 Inclined Platform Wheelchair Lift-Stair Climber *(14 42 13)*

Note: Includes landing, rails, lifting device and gates.

14 42 13 00-0002	EA	Inclined Wheelchair Lift, Stair Climber Per Story, Single Passenger, Indoor, 300 Lb. Capacity Note: Includes top and bottom call button, safety chair, track, and power unit.	14,765.82	1,562.21

14 42 16 Vertical Wheelchair Lifts *(14 42)*

14 42 16 00-0001 Wheelchair Lift (Shorty) *(14 42 16)*

14 42 16 00-0002	EA	36" Vertical Travel Wheelchair Platform Scissor Lift Note: 1,000 Lb. capacity. Includes handrails and manual ramp.	10,261.10	729.04
		For Accordion Safety Skirt, Add	*1,193.28*	
		For Removable Handrails, Add	*121.61*	
		For Power Operated Ramp, Add	*1,064.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 42 16 00-0003	EA	42" Vertical Travel Wheelchair Platform Scissor Lift	12,613.56	911.29
		Note: 1,000 Lb. capacity. Includes handrails and manual ramp.		
		For 2,000 Lb. Capacity, Add	*714.45*	
		For 3,000 Lb. Capacity, Add	*1,193.28*	
		For 4,000 Lb. Capacity, Add	*1,786.12*	
		For Accordion Safety Skirt, Add	*1,193.28*	
		For Removable Handrails, Add	*121.61*	
		For Power Operated Ramp, Add	*1,064.07*	
14 42 16 00-0004	EA	70" Vertical Travel Wheelchair Platform Scissor Lift	14,990.76	1,184.68
		Note: 1,000 Lb. capacity. Includes handrails and manual ramp.		
		For 2,000 Lb. Capacity, Add	*714.45*	
		For 3,000 Lb. Capacity, Add	*1,193.28*	
		For 4,000 Lb. Capacity, Add	*1,786.12*	
		For Accordion Safety Skirt, Add	*1,193.28*	
		For Removable Handrails, Add	*121.61*	
		For Power Operated Ramp, Add	*1,064.07*	
14 42 16 00-0005	EA	84" Vertical Travel Wheelchair Platform Scissor Lift	16,826.40	1,366.94
		Note: 1,000 Lb. capacity. Includes handrails and manual ramp.		
		For 2,000 Lb. Capacity, Add	*714.45*	
		For 3,000 Lb. Capacity, Add	*1,193.28*	
		For 4,000 Lb. Capacity, Add	*1,786.12*	
		For Accordion Safety Skirt, Add	*1,193.28*	
		For Removable Handrails, Add	*121.61*	
		For Power Operated Ramp, Add	*1,064.07*	
14 42 16 00-0006	EA	18' Travel Wheelchair Incline Lift	17,645.09	650.92
		Note: 500 Lb. capacity, interior installation.		

END OF SECTION 14

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

21 Fire Suppression

21 01 Operation and Maintenance of Fire Suppression *(21)*

21 01 10 Operation and Maintenance of Water-Based Fire-Suppression Systems *(21 01)*

See CSI section 23 01 20 00-0000 for purging of pipes and shutdown.

21 01 10 91 Water-Based Fire-Suppression Systems Restoration *(21 01 10)*

21 01 10 91-0001 Relocate Sprinkler Head And Branch Piping *(21 01 10 91)*

See CSI section 21 13 13 00-0024 for new wet pipe sprinkler heads (when required).

21 01 10 91-0002	EA	Relocate 1 Existing Sprinkler Head And Branch Piping Note: To adjust or swing existing sprinkler heads to different ceiling grid configuration or location.	593.86
21 01 10 91-0003	EA	Relocate 2 To 4 Existing Sprinkler Heads And Branch Piping Note: To adjust or swing existing sprinkler heads to different ceiling grid configuration or location.	356.32
21 01 10 91-0004	EA	Relocate >4 To 10 Existing Sprinkler Heads And Branch Piping Note: To adjust or swing existing sprinkler heads to different ceiling grid configuration or location.	142.53
21 01 10 91-0005	EA	Relocate >10 Existing Sprinkler Heads And Branch Piping Note: To adjust or swing existing sprinkler heads to different ceiling grid configuration or location.	71.26

21 01 10 91-0006 Purge And Refill System Sprinkler Piping *(21 01 10 91)*

Note: Includes shutting off valve, draining pipe and collection of liquid, refilling with liquid and bleeding of air from system.

21 01 10 91-0007	EA	Up To 100', Up To 1-1/2" Diameter Pipe, Purge Liquid System (For Sprinkler Upgrades)	393.53
21 01 10 91-0008	EA	>100 To 250', Up To 1-1/2" Diameter Pipe, Purge Liquid System (For Sprinkler Upgrades)	562.04
21 01 10 91-0009	EA	>250 To 500', Up To 1-1/2" Diameter Pipe, Purge Liquid System (For Sprinkler Upgrades)	673.43
21 01 10 91-0010	EA	>500 To 1,000', Up To 1-1/2" Diameter Pipe, Purge Liquid System (For Sprinkler Upgrades)	841.79
21 01 10 91-0011	EA	>1,000 To 2,000', Up To 1-1/2" Diameter Pipe, Purge Liquid System (For Sprinkler Upgrades)	1,094.33
21 01 10 91-0012	LF	>2,000', Up To 1-1/2" Diameter Pipe, Purge Liquid System (For Sprinkler Upgrades)	0.54
21 01 10 91-0013	EA	Up To 100', >1-1/2" To 3" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades)	550.94
21 01 10 91-0014	EA	>100 To 250', >1-1/2" To 3" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades)	786.86
21 01 10 91-0015	EA	>250 To 500', >1-1/2" To 3" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades)	942.81
21 01 10 91-0016	EA	>500 To 1,000', >1-1/2" To 3" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades)	1,178.51
21 01 10 91-0017	EA	>1,000 To 2,000', >1-1/2" To 3" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades)	1,532.06
21 01 10 91-0018	LF	>2,000', >1-1/2" To 3" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades)	0.77
21 01 10 91-0019	EA	Up To 100', >3" To 6" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades)	757.55
21 01 10 91-0020	EA	>100 To 250', >3" To 6" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades)	1,081.94
21 01 10 91-0021	EA	>250 To 500', >3" To 6" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades)	1,296.37
21 01 10 91-0022	EA	>500 To 1,000', >3" To 6" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades)	1,620.45
21 01 10 91-0023	EA	>1,000 To 2,000', >3" To 6" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades)	2,106.59
21 01 10 91-0024	LF	>2,000', >3" To 6" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades)	1.06
21 01 10 91-0025	EA	Up To 100', >6" To 10" Diameter Main Piping, Purge Liquid System (For Sprinkler Upgrades)	1,022.69
21 01 10 91-0026	EA	>100 To 250', >6" To 10" Diameter Main Piping, Purge Liquid System (For Sprinkler Upgrades)	1,460.60
21 01 10 91-0027	EA	>250 To 500', >6" To 10" Diameter Main Piping, Purge Liquid System (For Sprinkler Upgrades)	1,550.61
21 01 10 91-0028	EA	>500 To 1,000', >6" To 10" Diameter Main Piping, Purge Liquid System (For Sprinkler Upgrades)	1,938.26
21 01 10 91-0029	EA	>1,000 To 2,000', >6" To 10" Diameter Main Piping, Purge Liquid System (For Sprinkler Upgrades)	2,519.74
21 01 10 91-0030	LF	>2,000', >6" To 10" Diameter Main Piping, Purge Liquid System (For Sprinkler Upgrades)	1.26

21 01 30 Operation and Maintenance of Fire-Suppression Equipment *(21 01)*

21 01 30 91 Fire-Suppression Equipment Restoration *(21 01 30)*

21 01 30 91-0001 Inspection And Recharge *(21 01 30 91)*

21 01 30 91-0002	EA	Inspection, CO2, Carbon Dioxide	255.36
21 01 30 91-0003	LB	Refill/Recharge, CO2, Carbon Dioxide	3.00
21 01 30 91-0004	EA	Inspection, Halon 1301	255.36
21 01 30 91-0005	LB	Refill/Recharge, Halon 1301	71.96
21 01 30 91-0006	EA	Inspection, WC, Wet Chemical	154.40
21 01 30 91-0007	GAL	Refill/Recharge, WC, Wet Chemical	67.46
21 01 30 91-0008	EA	Inspection, DC, Dry Chemical	154.40
21 01 30 91-0009	LB	Refill/Recharge, DC, Dry Chemical	6.00
21 01 30 91-0010	EA	Hydrostatic Testing, All Sizes, All Agents See CSI section 23 05 93 00-0046 for testing existing piping systems.	47.51
21 01 30 91-0011	EA	Disarm/Arm System	83.14

21 05 Common Work Results for Fire Suppression *(21)*

21 05 13 Common Motor Requirements for Fire-Suppression Equipment *(21 05)*

Note: New equipment includes motor, unless otherwise stated. For use when replacing existing motor. See CSI section 23 05 13 00-0000 for motor requirements.

21 05 16 Expansion Fittings and Loops for Fire-Suppression Piping *(21 05)*

See CSI section 23 05 16 00-0000 for expansion fittings and loops.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

21 05 17 Sleeves and Sleeve Seals for Fire-Suppression Piping *(21 05)*

See CSI section 23 05 17 00-0000 for sleeves and sleeve seals.

21 05 19 Meters and Gages for Fire-Suppression Systems *(21 05)*

See CSI section 33 19 00 00-0000 for water utility service metering.

21 05 19 00-0001 Fire Sprinkler System Water Pressure Gauge *(21 05 19)*

21 05 19 00-0002	EA	2" Diameter Dial, 0-200 PSI, Water Pressure Gauge Note: For fire sprinkler systems	50.87	13.70
21 05 19 00-0003	EA	2-1/2" Diameter Dial, 0-300 PSI, Water Pressure Gauge Note: For fire sprinkler systems	52.80	13.70
21 05 19 00-0004	EA	3" Diameter Dial, 0-300 PSI, Water Pressure Gauge Note: For fire sprinkler systems	61.80	13.70
21 05 19 00-0005	EA	3-1/2" Diameter Dial, 0-300 PSI, Water Pressure Gauge Note: For fire sprinkler systems	65.50	13.70
21 05 19 00-0006	EA	4" Diameter Dial, 0-300 PSI, Water Pressure Gauge Note: For fire sprinkler systems	69.20	13.70

21 05 19 00-0007 Fire Service Meter Cast Iron Housing *(21 05 19)*

21 05 19 00-0008	EA	3" Diameter, 0 - 600 GPM Fire Service Meter Flanged, With Cast Iron Housing	9,915.80	187.16
		For >10 To 25, Deduct	*-495.79*	
		For >25, Deduct	*-1,463.95*	
21 05 19 00-0009	EA	4" Diameter, 0 - 1,000 GPM Fire Service Meter Flanged, With Cast Iron Housing	20,283.08	313.75
		For >10 To 25, Deduct	*-1,014.15*	
		For >25, Deduct	*-3,003.14*	
21 05 19 00-0010	EA	6" Diameter, 0 - 2,000 GPM Fire Service Meter Flanged, With Cast Iron Housing	27,476.71	466.48
		For >10 To 25, Deduct	*-1,373.84*	
		For >25, Deduct	*-4,062.99*	
21 05 19 00-0011	EA	8" Diameter, 0 - 4,000 GPM Fire Service Meter Flanged, With Cast Iron Housing	35,850.80	596.05
		For >10 To 25, Deduct	*-1,792.54*	
		For >25, Deduct	*-5,303.58*	
21 05 19 00-0012	EA	10" Diameter, 0 - 6,200 GPM Fire Service Meter Flanged, With Cast Iron Housing	50,593.44	725.64
		For >10 To 25, Deduct	*-2,529.67*	
		For >25, Deduct	*-7,498.31*	

21 05 23 General-Duty Valves for Water-Based Fire-Suppression Piping *(21 05)*

See CSI section 22 05 23 00-0000 for additional valves, 23 05 23 00-0000 for additional valves.

21 05 23 00-0001 TESTanDRAIN® Valve *(21 05 23)*

21 05 23 00-0002	EA	1/4" 3-Way Globe Valve With 1/4" NPT Test Port (AGF 7600)	246.24	15.79
21 05 23 00-0003	EA	1" Threaded TESTanDRAIN® Valve (AGF 1000)	278.17	19.08
21 05 23 00-0004	EA	1-1/4" Threaded TESTanDRAIN® Valve (AGF 1000)	340.12	24.12
21 05 23 00-0005	EA	1-1/2" Threaded TESTanDRAIN® Valve (AGF 1000)	530.74	27.85
21 05 23 00-0006	EA	2" Threaded TESTanDRAIN® Valve (AGF 1000)	557.95	32.89
21 05 23 00-0007	EA	1" Threaded TESTanDRAIN® Valve With Relief Valve (AGF 1011)	390.87	19.08
21 05 23 00-0008	EA	1-1/4" Threaded TESTanDRAIN® Valve With Relief Valve (AGF 1011)	451.73	24.12
21 05 23 00-0009	EA	1-1/2" Threaded TESTanDRAIN® Valve With Relief Valve (AGF 1011)	645.74	27.85
21 05 23 00-0010	EA	2" Threaded TESTanDRAIN® Valve With Relief Valve (AGF 1011)	676.01	32.89

21 05 29 Hangers and Supports for Fire-Suppression Piping and Equipment *(21 05)*

See CSI section 23 05 29 00-0000 for hangers and supports.

21 05 48 Vibration and Seismic Controls for Fire-Suppression Piping and Equipment *(21 05)*

21 05 48 13 Vibration Controls for Fire-Suppression Piping and Equipment *(21 05 48)*

See CSI section 23 05 48 13-0000 for vibration and seismic control.

21 05 53 Identification for Fire-Suppression Piping and Equipment *(21 05)*

See CSI section 23 05 53 00-0000 for identification.

21 07 Fire-Suppression Systems Insulation *(21)*

21 07 16 Fire-Suppression Equipment Insulation *(21 07)*

See CSI section 23 07 16 00-0000 for fire-suppression equipment insulation.

21 07 19 Fire-Suppression Piping Insulation *(21 07)*

See CSI section 22 07 19 00-0000 for fire-suppression piping insulation.

21 10 Water-Based Fire-Suppression Systems *(21)*

See CSI section 22 11 16 00-0371 for copper pipe, 22 11 16 00-0915 for CPVC pipe, 23 05 23 00-0037 for OS&Y gate valves, 23 21 13 23-0000 for black steel piping.

21 11 Facility Fire-Suppression Water-Service Piping *(21 10)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 11 19		**Fire-Department Connections** *(21 11)*		
21 11 19 00-0001		Fire Department Connections *(21 11 19)*		
21 11 19 00-0002	EA	4" x 2-1/2" x 2-1/2" Siamese Connection, Polished Brass	1,081.94	353.08
		For Polished Chrome, Add	*68.38*	
21 11 19 00-0003	EA	6" x 2-1/2" x 2-1/2" Siamese Connection, Polished Brass	1,506.27	441.35
		For Polished Chrome, Add	*104.67*	
21 11 19 00-0004	EA	4" x 3" x 3" Siamese Connection, Polished Brass	1,595.72	353.08
		For Polished Chrome, Add	*132.58*	
21 11 19 00-0005	EA	6" x 3" x 3" Siamese Connection, Polished Brass	2,109.15	441.35
		For Polished Chrome, Add	*180.03*	
21 11 19 00-0006	EA	6" x 2-1/2" x 2-1/2" x 2-1/2" Siamese Connection, Three Way, Polished Brass	2,256.52	441.35
		For Polished Chrome, Add	*198.45*	
21 11 19 00-0007	EA	Sidewalk Type Connection With Plug And Chain, Polished Brass	1,931.80	467.11
		For Polished Chrome, Add	*153.05*	
21 11 19 00-0008	EA	Wall Type Connection With Plug And Chain, Polished Brass	1,237.39	353.08
		For Polished Chrome, Add	*87.81*	
21 11 19 00-0009		Wall Type Indicator Post, Wheel Operated *(21 11 19)*		
		See CSI section 33 14 19 00-0001 for adjustable indicator post accessory for ground valves.		
21 11 19 00-0010	EA	Wall Type Indicator Post With Wall Flange For Valve (Victaulic 773)	2,992.90	313.75
21 12		**Fire-Suppression Standpipes** *(21 10)*		
		See CSI section 23 21 13 23-0000 for black steel pipe.		
21 12 13		**Fire-Suppression Hoses and Nozzles** *(21 12)*		
21 12 13 00-0001		Fire Hose *(21 12 13)*		
21 12 13 00-0002		Fire Hose Without Couplings *(21 12 13 00-0001)*		
21 12 13 00-0003	LF	1-1/2" Linen Fire Hose With 1-1/2" Rubber Lining Without Couplings	3.02	2.38
21 12 13 00-0004	LF	2-1/2" Linen Fire Hose With 1-1/2" Rubber Lining Without Couplings	3.50	2.38
21 12 13 00-0005	LF	2" Linen Fire Hose With 1-1/2" Rubber Lining Without Couplings	3.20	2.38
21 12 13 00-0006	LF	3" Linen Fire Hose With 1-1/2" Rubber Lining Without Couplings	3.73	2.38
21 12 13 00-0007	LF	1-1/2" Cotton Fire Hose, 300 Lb. Test With 1-1/2" Rubber Lining Without Couplings	3.35	2.38
21 12 13 00-0008	LF	2-1/2" Cotton Fire Hose, 300 Lb. Test With 1-1/2" Rubber Lining Without Couplings	4.11	2.38
21 12 13 00-0009	LF	1-1/2" Cotton Fire Hose, 400 Lb. Test With 1-1/2" Rubber Lining Without Couplings	3.45	2.38
21 12 13 00-0010	LF	2-1/2" Cotton Fire Hose, 400 Lb. Test With 1-1/2" Rubber Lining Without Couplings	4.33	2.38
21 12 13 00-0011		Fire Hose With Aluminum Couplings *(21 12 13 00-0001)*		
21 12 13 00-0012	LF	1-3/4" Polyester Fire Hose With Rubber Lining With Aluminum Couplings	8.28	1.31
21 12 13 00-0013	LF	2-1/2" Polyester Fire Hose With Rubber Lining With Aluminum Couplings	10.39	1.54
21 12 13 00-0014	LF	3-1/2" Polyester Fire Hose With Rubber Lining With Aluminum Couplings	17.87	1.54
21 12 13 00-0015		Fire Hose Accessories *(21 12 13 00-0001)*		
21 12 13 00-0016	EA	Hose Coupling With 1-1/2" Pin Lug	179.44	39.20
21 12 13 00-0017	EA	Hose Coupling With 2-1/2" Pin Lug	273.35	43.95
21 12 13 00-0018	EA	1-1/2" x 10" Brass Straight Nozzle	97.34	30.88
21 12 13 00-0019	EA	2-1/2" x 12" Brass Straight Nozzle	190.71	30.88
21 12 13 00-0020	EA	1-1/2" Brass Fog Type Nozzle	151.81	30.88
21 12 13 00-0021	EA	2-1/2" Brass Fog Type Nozzle	217.36	30.88
21 12 13 00-0022	EA	1-1/2" Brass 100' Hose Rack	337.03	130.65
21 12 13 00-0023	EA	2-1/2" Brass 100' Hose Rack	464.50	130.65
21 12 23		**Fire-Suppression Hose Valves** *(21 12)*		
21 12 23 00-0001		Standpipe Valves *(21 12 23)*		
21 12 23 00-0002	EA	2-1/2" Fire Department Valve, Polished Brass With Plug And Chain	974.37	233.56
		For Polished Chrome, Add	*93.10*	
21 12 23 00-0003	EA	2-1/2" x 2-1/2" x 4" Fire Department Valve, Flush, Polished Brass	1,709.04	233.45
		For Polished Chrome, Add	*203.30*	
21 12 23 00-0004	EA	2-1/2" x 2-1/2" x 6" Fire Department Valve, Flush, Polished Brass	2,252.01	252.53
		For Polished Chrome, Add	*280.40*	
21 12 23 00-0005	EA	3" x 3" x 4" Fire Department Valve, Flush, Polished Brass	2,767.72	233.45
		For Polished Chrome, Add	*362.10*	
21 12 23 00-0006	EA	3" x 3" x 6" Fire Department Valve, Flush, Polished Brass	3,272.34	252.53
		For Polished Chrome, Add	*433.45*	
21 12 23 00-0007	EA	2-1/2" x 2-1/2" x 4" Fire Department Valve, Projecting, Polished Brass	1,596.52	233.45
		For Polished Chrome, Add	*186.42*	
21 12 23 00-0008	EA	2-1/2" x 2-1/2" x 6" Fire Department Valve, Projecting, Polished Brass	2,428.46	252.53
		For Polished Chrome, Add	*306.86*	
21 12 23 00-0009	EA	2-1/2" x 2-1/2" x 2-1/2" x 4" Fire Department Valve, Flush, Polished Brass	3,190.87	241.01
		For Polished Chrome, Add	*339.09*	
21 12 23 00-0010	EA	2-1/2" x 2-1/2" x 2-1/2" x 6" Fire Department Valve, Flush, Polished Brass	4,644.31	267.77
		For Polished Chrome, Add	*508.63*	
21 12 23 00-0011	EA	2-1/2" x 2-1/2" x 2-1/2" x 4" Fire Department Valve, Projecting, Polished Brass	3,444.03	241.01
		For Polished Chrome, Add	*369.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 12 23 00-0012	EA	2-1/2" x 2-1/2" x 2-1/2" x 6" Fire Department Valve, Projecting, Polished Brass	5,025.74	267.77
		For Polished Chrome, Add	*554.40*	
21 12 23 00-0013	EA	2-1/2" x 2-1/2" x 2-1/2" x 2-1/2" 6" Fire Department Valve, Square, Flush, Polished Brass	7,741.56	321.28
		For Polished Chrome, Add	*725.47*	

21 12 23 00-0014 Fire Hose Angle Valves *(21 12 23)*

21 12 23 00-0015	EA	1-1/2", 300 Lb. Rated, Cast Brass, Fire Hose Angle Valve	238.48	32.07
21 12 23 00-0016	EA	1-1/2", 300 Lb. Rated, Polished Brass, Fire Hose Angle Valve	284.89	32.07
21 12 23 00-0017	EA	1-1/2", 300 Lb. Rated, Rough Chrome Plated, Fire Hose Angle Valve	268.01	32.07
21 12 23 00-0018	EA	1-1/2", 300 Lb. Rated, Polished Chrome Plated, Fire Hose Angle Valve	314.42	32.07
21 12 23 00-0019	EA	2-1/2", 300 Lb. Rated, Cast Brass, Fire Hose Angle Valve	424.34	53.45
21 12 23 00-0020	EA	2-1/2", 300 Lb. Rated, Polished Brass, Fire Hose Angle Valve	491.83	53.45
21 12 23 00-0021	EA	2-1/2", 300 Lb. Rated, Rough Chrome Plated, Fire Hose Angle Valve	497.46	53.45
21 12 23 00-0022	EA	2-1/2", 300 Lb. Rated, Polished Chrome Plated, Fire Hose Angle Valve	564.96	53.45

21 12 29 Fire-Suppression Fire Hose Equipment *(21 12)*

21 12 29 00-0001 Standpipe And Fire Hose Equipment *(21 12 29)*

21 12 29 00-0002	EA	2-1/2" x 2-1/2" x 2-1/2" x 4" Manifold Roof Type, Vertical, Polished Brass	2,851.08	578.96
21 12 29 00-0003	EA	Water Motor Gong	1,013.21	178.62
21 12 29 00-0004	EA	Fire Riser Flow Switch (National Fire Protection Association 13)	870.29	20.78
21 12 29 00-0005	EA	Water Flow Supervisory (Tamper) Switch Mounted On Valve	255.87	35.55

21 12 29 00-0006 Water Flow Detector *(21 12 29)*

21 12 29 00-0007 Pressure-Type Water Flow Detector *(21 12 29 00-0006)*

21 12 29 00-0008	EA	Pressure-Type Water Flow Detector For Up To 2-1/2" Pipe	409.19	109.38
21 12 29 00-0009	EA	Pressure-Type Water Flow Detector For >2-1/2" To 4" Pipe	593.63	144.94
21 12 29 00-0010	EA	Pressure-Type Water Flow Detector For >4" To 8" Pipe	926.27	164.07

21 12 29 00-0011 Vane-Type Water Flow Detector *(21 12 29 00-0006)*

21 12 29 00-0012	EA	Vane-Type Water Flow Detector For Up To 2-1/2" Pipe	512.23	109.38
21 12 29 00-0013	EA	Vane-Type Water Flow Detector For >2-1/2" To 4" Pipe	719.86	144.94
21 12 29 00-0014	EA	Vane-Type Water Flow Detector For >4" To 8" Pipe	1,126.37	164.07

21 13 Fire-Suppression Sprinkler Systems *(21 10)*

21 13 13 Wet-Pipe Sprinkler Systems *(21 13)*

21 13 13 00-0001 Complete Wet Pipe Sprinkler Systems Assemblies *(21 13 13)*

Note: Includes all branch line piping (standard weight threaded black steel, less than 2-1/2" diameter pipe, fittings, branch valves, hangers, sprinkler heads, etc.) from riser pipe and mains. The coverage of one sprinkler head varies from about 180 SF for light hazard occupancy, about 155 SF for ordinary, 90 to about 130 SF for extra hazard conditions. Excludes outside mains, inside vertical or horizontal pipe mains, greater than 2" diameter. Excludes special alarm valves, gate valves, check valves, flow control devices, water motor gong assembly, Siamese connections, standpipes and fittings, pipe mains and fittings, fire pumps and tanks. Not for use where detail is available. For sprinkler repairs or sprinkler head replacements use specific pipe, fittings, hangers, valves, and sprinkler head components. See CSI section 23 21 13 23-1260 for individual grooved pipe, 23 21 13 23-1328 for individual grooved pipe fittings.

21 13 13 00-0002 Light Hazard, Complete Wet-Pipe Sprinkler System Assemblies *(21 13 13 00-0001)*

21 13 13 00-0003	EA	Exposed Piping, Light Hazard, Per Head, Complete Wet-Pipe Sprinkler System Assembly Note: Includes branch pipe and fittings, supports and sprinkler heads.	729.65	
		For Copper Pipe, Add	*90.41*	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-126.89*	
		For Up To 5, Add	*329.94*	
		For >5 To 10, Add	*203.05*	
		For >10 To 20, Add	*130.08*	
		For >20 To 40, Add	*55.52*	
		For >100 To 150, Deduct	*-72.97*	
		For >150, Deduct	*-145.93*	
21 13 13 00-0004	EA	Concealed Piping, Light Hazard, Per Head, Complete Wet-Pipe Sprinkler System Assembly Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.	938.11	
		For Copper Pipe, Add	*112.68*	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-159.59*	
		For Up To 5, Add	*431.32*	
		For >5 To 10, Add	*271.73*	
		For >10 To 20, Add	*177.92*	
		For >20 To 40, Add	*74.94*	
		For >100 To 150, Deduct	*-93.81*	
		For >150, Deduct	*-187.62*	
		For Work In Restricted Working Space, Add	*168.22*	

21 13 13 00-0005 Ordinary Hazard, Complete Wet-Pipe Sprinkler System Assemblies *(21 13 13 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0006	EA	Exposed Piping, Ordinary Hazard, Per Head, Complete Wet-Pipe Sprinkler System Assembly Note: Includes branch pipe and fittings, supports and sprinkler heads.	714.28	
		For Copper Pipe, Add	*88.33*	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-124.05*	
		For Up To 5, Add	*323.33*	
		For >5 To 10, Add	*199.29*	
		For >10 To 20, Add	*127.86*	
		For >20 To 40, Add	*54.52*	
		For >100 To 150, Deduct	*-71.43*	
		For >150, Deduct	*-142.86*	
21 13 13 00-0007	EA	Concealed Piping, Ordinary Hazard, Per Head, Complete Wet-Pipe Sprinkler System Assembly Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.	915.87	
		For Copper Pipe, Add	*109.71*	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-155.51*	
		For Up To 5, Add	*421.68*	
		For >5 To 10, Add	*266.17*	
		For >10 To 20, Add	*174.59*	
		For >20 To 40, Add	*73.46*	
		For >100 To 150, Deduct	*-91.59*	
		For >150, Deduct	*-183.17*	
		For Work In Restricted Working Space, Add	*166.00*	

21 13 13 00-0008 Extra Hazard, Complete Wet-Pipe Sprinkler System Assemblies *(21 13 13 00-0001)*

21 13 13 00-0009	EA	Exposed Piping, Extra Hazard, Per Head, Complete Wet-Pipe Sprinkler System Assembly Note: Includes branch pipe and fittings, supports and sprinkler heads.	659.99	
		For Copper Pipe, Add	*81.48*	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-114.48*	
		For Up To 5, Add	*299.03*	
		For >5 To 10, Add	*184.55*	
		For >10 To 20, Add	*118.55*	
		For >20 To 40, Add	*50.52*	
		For >100 To 150, Deduct	*-66.00*	
		For >150, Deduct	*-132.00*	
21 13 13 00-0010	EA	Concealed Piping, Extra Hazard, Per Head, Complete Wet-Pipe Sprinkler System Assembly Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.	848.05	
		For Copper Pipe, Add	*101.43*	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-143.84*	
		For Up To 5, Add	*390.77*	
		For >5 To 10, Add	*246.93*	
		For >10 To 20, Add	*162.13*	
		For >20 To 40, Add	*68.18*	
		For >100 To 150, Deduct	*-84.81*	
		For >150, Deduct	*-169.61*	
		For Work In Restricted Working Space, Add	*154.64*	

21 13 13 00-0011 Wet Pipe Sprinkler Components *(21 13 13)*

Note: Excludes hydraulic calculations.

21 13 13 00-0012 Wet Pipe Alarm Check Valves *(21 13 13 00-0011)*

Note: Excludes trim package See CSI section 21 13 13 00-0018 for Wet Pipe Valve Trim.

21 13 13 00-0013	EA	2-1/2" Wet Pipe Alarm Check Valve	2,046.91	150.40
21 13 13 00-0014	EA	3" Wet Pipe Alarm Check Valve	2,090.67	172.28
21 13 13 00-0015	EA	4" Wet Pipe Alarm Check Valve	2,331.32	292.61
21 13 13 00-0016	EA	6" Wet Pipe Alarm Check Valve	2,243.63	369.17
21 13 13 00-0017	EA	8" Wet Pipe Alarm Check Valve	4,023.15	467.62

21 13 13 00-0018 Wet Pipe Valve Trim *(21 13 13 00-0011)*

Note: Vertical or Horizontal, closed drain, basic galvanized trim assembly package. Includes gauges, pressure switch, relief valve, drain line, and retard chamber.

21 13 13 00-0019	EA	2-1/2" Wet Pipe Valve Trim	1,417.08	318.31
21 13 13 00-0020	EA	3" Wet Pipe Valve Trim	1,489.48	318.31
21 13 13 00-0021	EA	4" Wet Pipe Valve Trim	1,817.13	436.44
21 13 13 00-0022	EA	6" Wet Pipe Valve Trim	2,173.93	607.08
21 13 13 00-0023	EA	8" Wet Pipe Valve Trim	2,414.58	751.47

21 13 13 00-0024 Wet Pipe Sprinkler Heads *(21 13 13 00-0011)*

21 13 13 00-0025 Upright Wet Pipe Sprinkler Heads *(21 13 13 00-0024)*

21 13 13 00-0026	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Upright Brass Wet Pipe Sprinkler Head	91.96	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-7.27*	
		For >100 To 500, Deduct	*-12.83*	
		For >500 To 1,000, Deduct	*-25.64*	
		For >1,000, Deduct	*-36.33*	
21 13 13 00-0027	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Upright Chrome Wet Pipe Sprinkler Head	95.89	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-7.47*	
		For >100 To 500, Deduct	*-13.32*	
		For >500 To 1,000, Deduct	*-26.35*	
		For >1,000, Deduct	*-37.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0028	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Upright White Polyester Coated Wet Pipe Sprinkler Head	98.39	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-7.59*	
		For >100 To 500, Deduct	*-13.64*	
		For >500 To 1,000, Deduct	*-26.80*	
		For >1,000, Deduct	*-37.49*	
21 13 13 00-0029	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Upright Brass Wet Pipe Sprinkler Head	93.93	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-7.37*	
		For >100 To 500, Deduct	*-13.08*	
		For >500 To 1,000, Deduct	*-25.99*	
		For >1,000, Deduct	*-36.68*	
21 13 13 00-0030	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Upright Chrome Wet Pipe Sprinkler Head	98.01	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-7.57*	
		For >100 To 500, Deduct	*-13.59*	
		For >500 To 1,000, Deduct	*-26.73*	
		For >1,000, Deduct	*-37.42*	
21 13 13 00-0031	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Upright White Polyester Coated Wet Pipe Sprinkler Head	100.61	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-7.70*	
		For >100 To 500, Deduct	*-13.91*	
		For >500 To 1,000, Deduct	*-27.20*	
		For >1,000, Deduct	*-37.89*	
21 13 13 00-0032	EA	1/2" NPT Thread, 3/8" Orifice, Quick Response, Upright Brass Wet Pipe Sprinkler Head	119.61	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-8.65*	
		For >100 To 500, Deduct	*-16.29*	
		For >500 To 1,000, Deduct	*-30.62*	
		For >1,000, Deduct	*-41.31*	
21 13 13 00-0033	EA	1/2" NPT Thread, 3/8" Orifice, Quick Response, Upright Chrome Wet Pipe Sprinkler Head	130.13	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-9.18*	
		For >100 To 500, Deduct	*-17.60*	
		For >500 To 1,000, Deduct	*-32.51*	
		For >1,000, Deduct	*-43.20*	
21 13 13 00-0034	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Upright Brass Wet Pipe Sprinkler Head	119.61	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-8.65*	
		For >100 To 500, Deduct	*-16.29*	
		For >500 To 1,000, Deduct	*-30.62*	
		For >1,000, Deduct	*-41.31*	
21 13 13 00-0035	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Upright Chrome Wet Pipe Sprinkler Head	130.13	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-9.18*	
		For >100 To 500, Deduct	*-17.60*	
		For >500 To 1,000, Deduct	*-32.51*	
		For >1,000, Deduct	*-43.20*	
21 13 13 00-0036	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Upright Brass Wet Pipe Sprinkler Head	106.00	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-7.97*	
		For >100 To 500, Deduct	*-14.59*	
		For >500 To 1,000, Deduct	*-28.17*	
		For >1,000, Deduct	*-38.86*	
21 13 13 00-0037	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Upright Chrome Wet Pipe Sprinkler Head	111.14	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-8.23*	
		For >100 To 500, Deduct	*-15.23*	
		For >500 To 1,000, Deduct	*-29.09*	
		For >1,000, Deduct	*-39.78*	
21 13 13 00-0038	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Upright Brass Wet Pipe Sprinkler Head	106.23	14.84
		For >25 To 50, Deduct	*-2.97*	
		For >50 To 100, Deduct	*-8.28*	
		For >100 To 500, Deduct	*-14.76*	
		For >500 To 1,000, Deduct	*-29.22*	
		For >1,000, Deduct	*-41.10*	
21 13 13 00-0039	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Upright Chrome Wet Pipe Sprinkler Head	112.23	14.84
		For >25 To 50, Deduct	*-2.97*	
		For >50 To 100, Deduct	*-8.58*	
		For >100 To 500, Deduct	*-15.51*	
		For >500 To 1,000, Deduct	*-30.30*	
		For >1,000, Deduct	*-42.18*	
21 13 13 00-0040	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Upright White Polyester Coated Wet Pipe Sprinkler Head	113.45	14.84
		For >25 To 50, Deduct	*-2.97*	
		For >50 To 100, Deduct	*-8.64*	
		For >100 To 500, Deduct	*-15.67*	
		For >500 To 1,000, Deduct	*-30.52*	
		For >1,000, Deduct	*-42.40*	
21 13 13 00-0041	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Upright Brass Wet Pipe Sprinkler Head	106.23	14.84
		For >25 To 50, Deduct	*-2.97*	
		For >50 To 100, Deduct	*-8.28*	
		For >100 To 500, Deduct	*-14.76*	
		For >500 To 1,000, Deduct	*-29.22*	
		For >1,000, Deduct	*-41.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0042	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Upright Chrome Wet Pipe Sprinkler Head	112.23	14.84
		For >25 To 50, Deduct	*-2.97*	
		For >50 To 100, Deduct	*-8.58*	
		For >100 To 500, Deduct	*-15.51*	
		For >500 To 1,000, Deduct	*-30.30*	
		For >1,000, Deduct	*-42.18*	
21 13 13 00-0043	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Upright White Polyester Coated Wet Pipe Sprinkler Head	113.45	14.84
		For >25 To 50, Deduct	*-2.97*	
		For >50 To 100, Deduct	*-8.64*	
		For >100 To 500, Deduct	*-15.67*	
		For >500 To 1,000, Deduct	*-30.52*	
		For >1,000, Deduct	*-42.40*	
21 13 13 00-0044	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Upright Brass Wet Pipe Sprinkler Head	103.29	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-7.84*	
		For >100 To 500, Deduct	*-14.25*	
		For >500 To 1,000, Deduct	*-27.68*	
		For >1,000, Deduct	*-38.37*	
21 13 13 00-0045	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Upright Chrome Wet Pipe Sprinkler Head	107.21	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-8.03*	
		For >100 To 500, Deduct	*-14.74*	
		For >500 To 1,000, Deduct	*-28.38*	
		For >1,000, Deduct	*-39.07*	
21 13 13 00-0046	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Upright White Polyester Coated Wet Pipe Sprinkler Head	107.97	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-8.07*	
		For >100 To 500, Deduct	*-14.83*	
		For >500 To 1,000, Deduct	*-28.52*	
		For >1,000, Deduct	*-39.21*	
21 13 13 00-0047	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Upright Brass Wet Pipe Sprinkler Head	103.29	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-7.84*	
		For >100 To 500, Deduct	*-14.25*	
		For >500 To 1,000, Deduct	*-27.68*	
		For >1,000, Deduct	*-38.37*	
21 13 13 00-0048	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Upright Chrome Wet Pipe Sprinkler Head	107.21	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-8.03*	
		For >100 To 500, Deduct	*-14.74*	
		For >500 To 1,000, Deduct	*-28.38*	
		For >1,000, Deduct	*-39.07*	
21 13 13 00-0049	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Upright White Polyester Coated Wet Pipe Sprinkler Head	107.97	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-8.07*	
		For >100 To 500, Deduct	*-14.83*	
		For >500 To 1,000, Deduct	*-28.52*	
		For >1,000, Deduct	*-39.21*	
21 13 13 00-0050	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Combustible Concealed Space, Upright Brass Wet Pipe Sprinkler Head	107.96	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-8.07*	
		For >100 To 500, Deduct	*-14.83*	
		For >500 To 1,000, Deduct	*-28.52*	
		For >1,000, Deduct	*-39.21*	
21 13 13 00-0051	EA	3/4" NPT Thread, K=14.0, Extended Coverage, Upright Brass Wet Pipe Sprinkler Head	148.30	14.84
		For >25 To 50, Deduct	*-2.97*	
		For >50 To 100, Deduct	*-10.38*	
		For >100 To 500, Deduct	*-20.02*	
		For >500 To 1,000, Deduct	*-36.79*	
		For >1,000, Deduct	*-48.67*	
21 13 13 00-0052	EA	3/4" NPT Thread, K=14.0, Extended Coverage, Upright Chrome Wet Pipe Sprinkler Head	152.81	14.84
		For >25 To 50, Deduct	*-2.97*	
		For >50 To 100, Deduct	*-10.61*	
		For >100 To 500, Deduct	*-20.59*	
		For >500 To 1,000, Deduct	*-37.60*	
		For >1,000, Deduct	*-49.48*	
21 13 13 00-0053	EA	3/4" NPT Thread, K=14.0, Extended Coverage, Upright White Polyester Coated Wet Pipe Sprinkler Head	152.81	14.84
		For >25 To 50, Deduct	*-2.97*	
		For >50 To 100, Deduct	*-10.61*	
		For >100 To 500, Deduct	*-20.59*	
		For >500 To 1,000, Deduct	*-37.60*	
		For >1,000, Deduct	*-49.48*	
21 13 13 00-0054	EA	3/4" NPT Thread, K=11.2, Extended Coverage, Upright Brass Wet Pipe Sprinkler Head	117.87	14.84
		For >25 To 50, Deduct	*-2.97*	
		For >50 To 100, Deduct	*-8.86*	
		For >100 To 500, Deduct	*-16.22*	
		For >500 To 1,000, Deduct	*-31.31*	
		For >1,000, Deduct	*-43.19*	
21 13 13 00-0055	EA	3/4" NPT Thread, K=11.2, Extended Coverage, Upright Chrome Wet Pipe Sprinkler Head	120.96	14.84
		For >25 To 50, Deduct	*-2.97*	
		For >50 To 100, Deduct	*-9.02*	
		For >100 To 500, Deduct	*-16.60*	
		For >500 To 1,000, Deduct	*-31.87*	
		For >1,000, Deduct	*-43.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0056	EA	3/4" NPT Thread, K=11.2, Extended Coverage, Upright White Polyester Coated Wet Pipe Sprinkler Head	120.96	14.84
		For >25 To 50, Deduct	*-2.97*	
		For >50 To 100, Deduct	*-9.02*	
		For >100 To 500, Deduct	*-16.60*	
		For >500 To 1,000, Deduct	*-31.87*	
		For >1,000, Deduct	*-43.75*	
21 13 13 00-0057	EA	1/2" NPT Thread, K=5.6, Quick Response, Upright Stainless Steel Wet Pipe Sprinkler Head	374.84	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-21.41*	
		For >100 To 500, Deduct	*-48.19*	
		For >500 To 1,000, Deduct	*-76.56*	
		For >1,000, Deduct	*-87.25*	
21 13 13 00-0058	EA	3/4" NPT Thread, K=8.0, Quick Response, Upright Stainless Steel Wet Pipe Sprinkler Head	412.64	14.84
		For >25 To 50, Deduct	*-2.97*	
		For >50 To 100, Deduct	*-23.60*	
		For >100 To 500, Deduct	*-53.06*	
		For >500 To 1,000, Deduct	*-84.37*	
		For >1,000, Deduct	*-96.25*	
21 13 13 00-0059	EA	1/2" NPT Thread, K=5.6, High Temperature (400 To 500 Degree), Upright Brass Wet Pipe Sprinkler Head	194.18	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-12.38*	
		For >100 To 500, Deduct	*-25.61*	
		For >500 To 1,000, Deduct	*-44.04*	
		For >1,000, Deduct	*-54.73*	
21 13 13 00-0060	EA	1/2" NPT Thread, K=5.6, High Temperature (400 To 500 Degree), Upright Chrome Wet Pipe Sprinkler Head	241.25	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-14.74*	
		For >100 To 500, Deduct	*-31.49*	
		For >500 To 1,000, Deduct	*-52.51*	
		For >1,000, Deduct	*-63.20*	
21 13 13 00-0061	EA	1/2" NPT Thread, K=5.6, High Temperature (650 Degree), Upright Brass Wet Pipe Sprinkler Head	438.07	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-24.58*	
		For >100 To 500, Deduct	*-56.10*	
		For >500 To 1,000, Deduct	*-87.94*	
		For >1,000, Deduct	*-98.63*	
21 13 13 00-0062	EA	1/2" NPT Thread, K=5.6, High Temperature (650 Degree), Upright Chrome Wet Pipe Sprinkler Head	560.73	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-30.71*	
		For >100 To 500, Deduct	*-71.43*	
		For >500 To 1,000, Deduct	*-110.02*	
		For >1,000, Deduct	*-120.71*	
21 13 13 00-0063	EA	3/4" NPT Thread, K=8.0, High Temperature (400 To 500 Degree), Upright Brass Wet Pipe Sprinkler Head	247.19	14.84
		For >25 To 50, Deduct	*-2.97*	
		For >50 To 100, Deduct	*-15.33*	
		For >100 To 500, Deduct	*-32.38*	
		For >500 To 1,000, Deduct	*-54.59*	
		For >1,000, Deduct	*-66.47*	
21 13 13 00-0064	EA	3/4" NPT Thread, K=8.0, High Temperature (400 To 500 Degree), Upright Chrome Wet Pipe Sprinkler Head	248.61	14.84
		For >25 To 50, Deduct	*-2.97*	
		For >50 To 100, Deduct	*-15.40*	
		For >100 To 500, Deduct	*-32.56*	
		For >500 To 1,000, Deduct	*-54.85*	
		For >1,000, Deduct	*-66.72*	

21 13 13 00-0065 Conventional Wet Pipe Sprinkler Heads *(21 13 13 00-0024)*

21 13 13 00-0066	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Conventional Brass Wet Pipe Sprinkler Head	91.96	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-7.27*	
		For >100 To 500, Deduct	*-12.83*	
		For >500 To 1,000, Deduct	*-25.64*	
		For >1,000, Deduct	*-36.33*	
21 13 13 00-0067	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Conventional Chrome Wet Pipe Sprinkler Head	95.89	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-7.47*	
		For >100 To 500, Deduct	*-13.32*	
		For >500 To 1,000, Deduct	*-26.35*	
		For >1,000, Deduct	*-37.04*	
21 13 13 00-0068	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Conventional White Polyester Coated Wet Pipe Sprinkler Head	98.39	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-7.59*	
		For >100 To 500, Deduct	*-13.64*	
		For >500 To 1,000, Deduct	*-26.80*	
		For >1,000, Deduct	*-37.49*	
21 13 13 00-0069	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Conventional Brass Wet Pipe Sprinkler Head	107.63	14.84
		For >25 To 50, Deduct	*-2.97*	
		For >50 To 100, Deduct	*-8.35*	
		For >100 To 500, Deduct	*-14.94*	
		For >500 To 1,000, Deduct	*-29.47*	
		For >1,000, Deduct	*-41.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0070	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Conventional Chrome Wet Pipe Sprinkler Head	112.23	14.84
		For >25 To 50, Deduct	*-2.97*	
		For >50 To 100, Deduct	*-8.58*	
		For >100 To 500, Deduct	*-15.51*	
		For >500 To 1,000, Deduct	*-30.30*	
		For >1,000, Deduct	*-42.18*	
21 13 13 00-0071	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Conventional White Polyester Coated Wet Pipe Sprinkler Head	112.94	14.84
		For >25 To 50, Deduct	*-2.97*	
		For >50 To 100, Deduct	*-8.62*	
		For >100 To 500, Deduct	*-15.60*	
		For >500 To 1,000, Deduct	*-30.43*	
		For >1,000, Deduct	*-42.30*	
21 13 13 00-0072	EA	1/2" NPT Thread, K=5.6, Quick Response, Conventional Stainless Steel Wet Pipe Sprinkler Head	374.84	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-21.41*	
		For >100 To 500, Deduct	*-48.19*	
		For >500 To 1,000, Deduct	*-76.56*	
		For >1,000, Deduct	*-87.25*	

21 13 13 00-0073 Pendant Wet Pipe Sprinkler Heads *(21 13 13 00-0024)*

See CSI section 21 13 13 00-0209 for escutcheon for recessed pendent sprinkler head.

21 13 13 00-0074	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Pendent Brass Wet Pipe Sprinkler Head	91.96	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-7.27*	
		For >100 To 500, Deduct	*-12.83*	
		For >500 To 1,000, Deduct	*-25.64*	
		For >1,000, Deduct	*-36.33*	
21 13 13 00-0075	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Pendent Chrome Wet Pipe Sprinkler Head	95.89	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-7.47*	
		For >100 To 500, Deduct	*-13.32*	
		For >500 To 1,000, Deduct	*-26.35*	
		For >1,000, Deduct	*-37.04*	
21 13 13 00-0076	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Pendent White Polyester Coated Wet Pipe Sprinkler Head	98.39	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-7.59*	
		For >100 To 500, Deduct	*-13.64*	
		For >500 To 1,000, Deduct	*-26.80*	
		For >1,000, Deduct	*-37.49*	
21 13 13 00-0077	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Pendent Brass Wet Pipe Sprinkler Head	106.23	14.84
		For >25 To 50, Deduct	*-2.97*	
		For >50 To 100, Deduct	*-8.28*	
		For >100 To 500, Deduct	*-14.76*	
		For >500 To 1,000, Deduct	*-29.22*	
		For >1,000, Deduct	*-41.10*	
21 13 13 00-0078	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Pendent Chrome Wet Pipe Sprinkler Head	112.23	14.84
		For >25 To 50, Deduct	*-2.97*	
		For >50 To 100, Deduct	*-8.58*	
		For >100 To 500, Deduct	*-15.51*	
		For >500 To 1,000, Deduct	*-30.30*	
		For >1,000, Deduct	*-42.18*	
21 13 13 00-0079	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Pendent White Polyester Coated Wet Pipe Sprinkler Head	113.45	14.84
		For >25 To 50, Deduct	*-2.97*	
		For >50 To 100, Deduct	*-8.64*	
		For >100 To 500, Deduct	*-15.67*	
		For >500 To 1,000, Deduct	*-30.52*	
		For >1,000, Deduct	*-42.40*	
21 13 13 00-0080	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Pendent Brass Wet Pipe Sprinkler Head	103.29	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-7.84*	
		For >100 To 500, Deduct	*-14.25*	
		For >500 To 1,000, Deduct	*-27.68*	
		For >1,000, Deduct	*-38.37*	
21 13 13 00-0081	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Pendent Chrome Wet Pipe Sprinkler Head	107.21	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-8.03*	
		For >100 To 500, Deduct	*-14.74*	
		For >500 To 1,000, Deduct	*-28.38*	
		For >1,000, Deduct	*-39.07*	
21 13 13 00-0082	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Pendent White Polyester Coated Wet Pipe Sprinkler Head	107.97	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-8.07*	
		For >100 To 500, Deduct	*-14.83*	
		For >500 To 1,000, Deduct	*-28.52*	
		For >1,000, Deduct	*-39.21*	
21 13 13 00-0083	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Pendent Brass Wet Pipe Sprinkler Head	103.29	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-7.84*	
		For >100 To 500, Deduct	*-14.25*	
		For >500 To 1,000, Deduct	*-27.68*	
		For >1,000, Deduct	*-38.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0084	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Pendent Chrome Wet Pipe Sprinkler Head	107.21	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-8.03*	
		For >100 To 500, Deduct	*-14.74*	
		For >500 To 1,000, Deduct	*-28.38*	
		For >1,000, Deduct	*-39.07*	
21 13 13 00-0085	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Pendent White Polyester Coated Wet Pipe Sprinkler Head	107.97	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-8.07*	
		For >100 To 500, Deduct	*-14.83*	
		For >500 To 1,000, Deduct	*-28.52*	
		For >1,000, Deduct	*-39.21*	
21 13 13 00-0086	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Pendent Brass Wet Pipe Sprinkler Head, Low Lead	103.29	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-7.84*	
		For >100 To 500, Deduct	*-14.25*	
		For >500 To 1,000, Deduct	*-27.68*	
		For >1,000, Deduct	*-38.37*	
21 13 13 00-0087	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Pendent Chrome Wet Pipe Sprinkler Head, Low Lead	107.21	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-8.03*	
		For >100 To 500, Deduct	*-14.74*	
		For >500 To 1,000, Deduct	*-28.38*	
		For >1,000, Deduct	*-39.07*	
21 13 13 00-0088	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Pendent White Polyester Coated Wet Pipe Sprinkler Head, Low Lead	107.97	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-8.07*	
		For >100 To 500, Deduct	*-14.83*	
		For >500 To 1,000, Deduct	*-28.52*	
		For >1,000, Deduct	*-39.21*	
21 13 13 00-0089	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Pendent Brass Wet Pipe Sprinkler Head, Low Lead	91.96	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-7.27*	
		For >100 To 500, Deduct	*-12.83*	
		For >500 To 1,000, Deduct	*-25.64*	
		For >1,000, Deduct	*-36.33*	
21 13 13 00-0090	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Pendent Chrome Wet Pipe Sprinkler Head, Low Lead	95.89	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-7.47*	
		For >100 To 500, Deduct	*-13.32*	
		For >500 To 1,000, Deduct	*-26.35*	
		For >1,000, Deduct	*-37.04*	
21 13 13 00-0091	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Pendent White Polyester Coated Wet Pipe Sprinkler Head, Low Lead	98.39	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-7.59*	
		For >100 To 500, Deduct	*-13.64*	
		For >500 To 1,000, Deduct	*-26.80*	
		For >1,000, Deduct	*-37.49*	
21 13 13 00-0092	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Pendent Brass Wet Pipe Sprinkler Head	93.94	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-7.37*	
		For >100 To 500, Deduct	*-13.08*	
		For >500 To 1,000, Deduct	*-26.00*	
		For >1,000, Deduct	*-36.69*	
21 13 13 00-0093	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Pendent Chrome Wet Pipe Sprinkler Head	96.71	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-7.51*	
		For >100 To 500, Deduct	*-13.43*	
		For >500 To 1,000, Deduct	*-26.49*	
		For >1,000, Deduct	*-37.18*	
21 13 13 00-0094	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Pendent White Polyester Coated Wet Pipe Sprinkler Head	99.24	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-7.63*	
		For >100 To 500, Deduct	*-13.74*	
		For >500 To 1,000, Deduct	*-26.95*	
		For >1,000, Deduct	*-37.64*	
21 13 13 00-0095	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Pendent Brass Wet Pipe Sprinkler Head	109.94	14.84
		For >25 To 50, Deduct	*-2.97*	
		For >50 To 100, Deduct	*-8.47*	
		For >100 To 500, Deduct	*-15.23*	
		For >500 To 1,000, Deduct	*-29.89*	
		For >1,000, Deduct	*-41.76*	
21 13 13 00-0096	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Pendent Chrome Wet Pipe Sprinkler Head	115.02	14.84
		For >25 To 50, Deduct	*-2.97*	
		For >50 To 100, Deduct	*-8.72*	
		For >100 To 500, Deduct	*-15.86*	
		For >500 To 1,000, Deduct	*-30.80*	
		For >1,000, Deduct	*-42.68*	
21 13 13 00-0097	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Pendent White Polyester Coated Wet Pipe Sprinkler Head	115.02	14.84
		For >25 To 50, Deduct	*-2.97*	
		For >50 To 100, Deduct	*-8.72*	
		For >100 To 500, Deduct	*-15.86*	
		For >500 To 1,000, Deduct	*-30.80*	
		For >1,000, Deduct	*-42.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0098	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Pendent Brass Wet Pipe Sprinkler Head	106.00	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-7.97*	
		For >100 To 500, Deduct	*-14.59*	
		For >500 To 1,000, Deduct	*-28.17*	
		For >1,000, Deduct	*-38.86*	
21 13 13 00-0099	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Pendent Chrome Wet Pipe Sprinkler Head	111.14	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-8.23*	
		For >100 To 500, Deduct	*-15.23*	
		For >500 To 1,000, Deduct	*-29.09*	
		For >1,000, Deduct	*-39.78*	
21 13 13 00-0100	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Quick Response, Pendent Brass Wet Pipe Sprinkler Head	118.83	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-8.61*	
		For >100 To 500, Deduct	*-16.19*	
		For >500 To 1,000, Deduct	*-30.48*	
		For >1,000, Deduct	*-41.17*	
21 13 13 00-0101	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Quick Response, Pendent Chrome Wet Pipe Sprinkler Head	127.25	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-9.04*	
		For >100 To 500, Deduct	*-17.24*	
		For >500 To 1,000, Deduct	*-31.99*	
		For >1,000, Deduct	*-42.68*	
21 13 13 00-0102	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Pendent Brass Wet Pipe Sprinkler Head	118.83	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-8.61*	
		For >100 To 500, Deduct	*-16.19*	
		For >500 To 1,000, Deduct	*-30.48*	
		For >1,000, Deduct	*-41.17*	
21 13 13 00-0103	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Pendent Chrome Wet Pipe Sprinkler Head	127.25	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-9.04*	
		For >100 To 500, Deduct	*-17.24*	
		For >500 To 1,000, Deduct	*-31.99*	
		For >1,000, Deduct	*-42.68*	
21 13 13 00-0104	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Pendent Brass Wet Pipe Sprinkler Head	99.37	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-7.64*	
		For >100 To 500, Deduct	*-13.76*	
		For >500 To 1,000, Deduct	*-26.97*	
		For >1,000, Deduct	*-37.66*	
21 13 13 00-0105	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Pendent Chrome Wet Pipe Sprinkler Head	103.78	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-7.86*	
		For >100 To 500, Deduct	*-14.31*	
		For >500 To 1,000, Deduct	*-27.77*	
		For >1,000, Deduct	*-38.46*	
21 13 13 00-0106	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Pendent White Polyester Coated Wet Pipe Sprinkler Head	106.09	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-7.98*	
		For >100 To 500, Deduct	*-14.60*	
		For >500 To 1,000, Deduct	*-28.18*	
		For >1,000, Deduct	*-38.87*	
21 13 13 00-0107	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Pendent Brass Wet Pipe Sprinkler Head	108.09	14.84
		For >25 To 50, Deduct	*-2.97*	
		For >50 To 100, Deduct	*-8.37*	
		For >100 To 500, Deduct	*-15.00*	
		For >500 To 1,000, Deduct	*-29.55*	
		For >1,000, Deduct	*-41.43*	
21 13 13 00-0108	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Pendent Chrome Wet Pipe Sprinkler Head	112.45	14.84
		For >25 To 50, Deduct	*-2.97*	
		For >50 To 100, Deduct	*-8.59*	
		For >100 To 500, Deduct	*-15.54*	
		For >500 To 1,000, Deduct	*-30.34*	
		For >1,000, Deduct	*-42.22*	
21 13 13 00-0109	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Pendent White Polyester Coated Wet Pipe Sprinkler Head	116.67	14.84
		For >25 To 50, Deduct	*-2.97*	
		For >50 To 100, Deduct	*-8.80*	
		For >100 To 500, Deduct	*-16.07*	
		For >500 To 1,000, Deduct	*-31.10*	
		For >1,000, Deduct	*-42.97*	
21 13 13 00-0110	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Extended Coverage, Pendent Brass Wet Pipe Sprinkler Head	101.86	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-7.77*	
		For >100 To 500, Deduct	*-14.07*	
		For >500 To 1,000, Deduct	*-27.42*	
		For >1,000, Deduct	*-38.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0111	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Extended Coverage, Pendent Chrome Wet Pipe Sprinkler Head	106.18	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-7.98*	
		For >100 To 500, Deduct	*-14.61*	
		For >500 To 1,000, Deduct	*-28.20*	
		For >1,000, Deduct	*-38.89*	
21 13 13 00-0112	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Extended Coverage, Pendent White Polyester Coated Wet Pipe Sprinkler Head	108.54	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-8.10*	
		For >100 To 500, Deduct	*-14.90*	
		For >500 To 1,000, Deduct	*-28.62*	
		For >1,000, Deduct	*-39.31*	
21 13 13 00-0113	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Pendent Brass Wet Pipe Sprinkler Head	109.94	14.84
		For >25 To 50, Deduct	*-2.97*	
		For >50 To 100, Deduct	*-8.47*	
		For >100 To 500, Deduct	*-15.23*	
		For >500 To 1,000, Deduct	*-29.89*	
		For >1,000, Deduct	*-41.76*	
21 13 13 00-0114	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Pendent Chrome Wet Pipe Sprinkler Head	114.48	14.84
		For >25 To 50, Deduct	*-2.97*	
		For >50 To 100, Deduct	*-8.69*	
		For >100 To 500, Deduct	*-15.79*	
		For >500 To 1,000, Deduct	*-30.70*	
		For >1,000, Deduct	*-42.58*	
21 13 13 00-0115	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Pendent White Polyester Coated Wet Pipe Sprinkler Head	118.87	14.84
		For >25 To 50, Deduct	*-2.97*	
		For >50 To 100, Deduct	*-8.91*	
		For >100 To 500, Deduct	*-16.34*	
		For >500 To 1,000, Deduct	*-31.49*	
		For >1,000, Deduct	*-43.37*	
21 13 13 00-0116	EA	1/2" NPT Thread, 1/2" Orifice, Decorative Pendent Chrome Wet Pipe Sprinkler Head	170.62	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-11.20*	
		For >100 To 500, Deduct	*-22.66*	
		For >500 To 1,000, Deduct	*-39.80*	
		For >1,000, Deduct	*-50.49*	
21 13 13 00-0117	EA	1/2" NPT Thread, 1/2" Orifice, Decorative Pendent White Polyester Coated Wet Pipe Sprinkler Head	170.62	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-11.20*	
		For >100 To 500, Deduct	*-22.66*	
		For >500 To 1,000, Deduct	*-39.80*	
		For >1,000, Deduct	*-50.49*	
21 13 13 00-0118	EA	3/4" NPT Thread, K=14.0, Extended Coverage, Pendent Brass Wet Pipe Sprinkler Head	122.38	14.84
		For >25 To 50, Deduct	*-2.97*	
		For >50 To 100, Deduct	*-9.09*	
		For >100 To 500, Deduct	*-16.78*	
		For >500 To 1,000, Deduct	*-32.12*	
		For >1,000, Deduct	*-44.00*	
21 13 13 00-0119	EA	3/4" NPT Thread, K=14.0, Extended Coverage, Pendent Chrome Wet Pipe Sprinkler Head	125.71	14.84
		For >25 To 50, Deduct	*-2.97*	
		For >50 To 100, Deduct	*-9.26*	
		For >100 To 500, Deduct	*-17.20*	
		For >500 To 1,000, Deduct	*-32.72*	
		For >1,000, Deduct	*-44.60*	
21 13 13 00-0120	EA	3/4" NPT Thread, K=14.0, Extended Coverage, Pendent White Polyester Coated Wet Pipe Sprinkler Head	125.71	14.84
		For >25 To 50, Deduct	*-2.97*	
		For >50 To 100, Deduct	*-9.26*	
		For >100 To 500, Deduct	*-17.20*	
		For >500 To 1,000, Deduct	*-32.72*	
		For >1,000, Deduct	*-44.60*	
21 13 13 00-0121	EA	3/4" NPT Thread, K=11.2, Extended Coverage, Pendent Brass Wet Pipe Sprinkler Head	117.87	14.84
		For >25 To 50, Deduct	*-2.97*	
		For >50 To 100, Deduct	*-8.86*	
		For >100 To 500, Deduct	*-16.22*	
		For >500 To 1,000, Deduct	*-31.31*	
		For >1,000, Deduct	*-43.19*	
21 13 13 00-0122	EA	3/4" NPT Thread, K=11.2, Extended Coverage, Pendent Chrome Wet Pipe Sprinkler Head	120.96	14.84
		For >25 To 50, Deduct	*-2.97*	
		For >50 To 100, Deduct	*-9.02*	
		For >100 To 500, Deduct	*-16.60*	
		For >500 To 1,000, Deduct	*-31.87*	
		For >1,000, Deduct	*-43.75*	
21 13 13 00-0123	EA	3/4" NPT Thread, K=11.2, Extended Coverage, Pendent White Polyester Coated Wet Pipe Sprinkler Head	120.96	14.84
		For >25 To 50, Deduct	*-2.97*	
		For >50 To 100, Deduct	*-9.02*	
		For >100 To 500, Deduct	*-16.60*	
		For >500 To 1,000, Deduct	*-31.87*	
		For >1,000, Deduct	*-43.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0124	EA	1/2" NPT Thread, K=5.6, Quick Response, Pendent Stainless Steel Wet Pipe Sprinkler Head	374.84	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-21.41*	
		For >100 To 500, Deduct	*-48.19*	
		For >500 To 1,000, Deduct	*-76.56*	
		For >1,000, Deduct	*-87.25*	
21 13 13 00-0125	EA	3/4" NPT Thread, K=8.0, Quick Response, Pendent Stainless Steel Wet Pipe Sprinkler Head	412.64	14.84
		For >25 To 50, Deduct	*-2.97*	
		For >50 To 100, Deduct	*-23.60*	
		For >100 To 500, Deduct	*-53.06*	
		For >500 To 1,000, Deduct	*-84.37*	
		For >1,000, Deduct	*-96.25*	
21 13 13 00-0126	EA	1/2" NPT Thread, K=5.6, High Temperature (400 To 500 Degree), Pendent Brass Wet Pipe Sprinkler Head	194.18	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-12.38*	
		For >100 To 500, Deduct	*-25.61*	
		For >500 To 1,000, Deduct	*-44.04*	
		For >1,000, Deduct	*-54.73*	
21 13 13 00-0127	EA	1/2" NPT Thread, K=5.6, High Temperature (400 To 500 Degree), Pendent Chrome Wet Pipe Sprinkler Head	241.25	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-14.74*	
		For >100 To 500, Deduct	*-31.49*	
		For >500 To 1,000, Deduct	*-52.51*	
		For >1,000, Deduct	*-63.20*	
21 13 13 00-0128	EA	1/2" NPT Thread, K=5.6, High Temperature (650 Degree), Pendent Brass Wet Pipe Sprinkler Head	438.07	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-24.58*	
		For >100 To 500, Deduct	*-56.10*	
		For >500 To 1,000, Deduct	*-87.94*	
		For >1,000, Deduct	*-98.63*	
21 13 13 00-0129	EA	1/2" NPT Thread, K=5.6, High Temperature (650 Degree), Pendent Chrome Wet Pipe Sprinkler Head	560.73	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-30.71*	
		For >100 To 500, Deduct	*-71.43*	
		For >500 To 1,000, Deduct	*-110.02*	
		For >1,000, Deduct	*-120.71*	
21 13 13 00-0130	EA	3/4" NPT Thread, K=8.0, High Temperature (400 To 500 Degree), Pendent Brass Wet Pipe Sprinkler Head	247.19	14.84
		For >25 To 50, Deduct	*-2.97*	
		For >50 To 100, Deduct	*-15.33*	
		For >100 To 500, Deduct	*-32.38*	
		For >500 To 1,000, Deduct	*-54.59*	
		For >1,000, Deduct	*-66.47*	
21 13 13 00-0131	EA	3/4" NPT Thread, K=8.0, High Temperature (400 To 500 Degree), Pendent Chrome Wet Pipe Sprinkler Head	248.61	14.84
		For >25 To 50, Deduct	*-2.97*	
		For >50 To 100, Deduct	*-15.40*	
		For >100 To 500, Deduct	*-32.56*	
		For >500 To 1,000, Deduct	*-54.85*	
		For >1,000, Deduct	*-66.72*	

21 13 13 00-0132 Sidewall Wet Pipe Sprinkler Heads *(21 13 13 00-0024)*

21 13 13 00-0133 Horizontal Sidewall Wet-Pipe Sprinkler Heads *(21 13 13 00-0132)*

21 13 13 00-0134	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	97.83	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-7.56*	
		For >100 To 500, Deduct	*-13.57*	
		For >500 To 1,000, Deduct	*-26.70*	
		For >1,000, Deduct	*-37.39*	
21 13 13 00-0135	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	100.97	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-7.72*	
		For >100 To 500, Deduct	*-13.96*	
		For >500 To 1,000, Deduct	*-27.26*	
		For >1,000, Deduct	*-37.95*	
21 13 13 00-0136	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Horizontal Sidewall White Polyester Coated Wet Pipe Sprinkler Head	105.94	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-7.97*	
		For >100 To 500, Deduct	*-14.58*	
		For >500 To 1,000, Deduct	*-28.16*	
		For >1,000, Deduct	*-38.85*	
21 13 13 00-0137	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	99.60	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-7.65*	
		For >100 To 500, Deduct	*-13.79*	
		For >500 To 1,000, Deduct	*-27.01*	
		For >1,000, Deduct	*-37.70*	
21 13 13 00-0138	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	102.80	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-7.81*	
		For >100 To 500, Deduct	*-14.19*	
		For >500 To 1,000, Deduct	*-27.59*	
		For >1,000, Deduct	*-38.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0139	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Horizontal Sidewall White Wet Pipe Sprinkler Head	107.87	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-8.07*	
		For >100 To 500, Deduct	*-14.82*	
		For >500 To 1,000, Deduct	*-28.50*	
		For >1,000, Deduct	*-39.19*	
21 13 13 00-0140	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	111.14	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-8.23*	
		For >100 To 500, Deduct	*-15.23*	
		For >500 To 1,000, Deduct	*-29.09*	
		For >1,000, Deduct	*-39.78*	
21 13 13 00-0141	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	116.25	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-8.49*	
		For >100 To 500, Deduct	*-15.87*	
		For >500 To 1,000, Deduct	*-30.01*	
		For >1,000, Deduct	*-40.70*	
21 13 13 00-0142	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	119.67	14.84
		For >25 To 50, Deduct	*-2.97*	
		For >50 To 100, Deduct	*-8.95*	
		For >100 To 500, Deduct	*-16.44*	
		For >500 To 1,000, Deduct	*-31.64*	
		For >1,000, Deduct	*-43.51*	
21 13 13 00-0143	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	127.34	14.84
		For >25 To 50, Deduct	*-2.97*	
		For >50 To 100, Deduct	*-9.34*	
		For >100 To 500, Deduct	*-17.40*	
		For >500 To 1,000, Deduct	*-33.02*	
		For >1,000, Deduct	*-44.90*	
21 13 13 00-0144	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Quick Response, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	122.17	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-8.78*	
		For >100 To 500, Deduct	*-16.61*	
		For >500 To 1,000, Deduct	*-31.08*	
		For >1,000, Deduct	*-41.77*	
21 13 13 00-0145	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Quick Response, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	127.25	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-9.04*	
		For >100 To 500, Deduct	*-17.24*	
		For >500 To 1,000, Deduct	*-31.99*	
		For >1,000, Deduct	*-42.68*	
21 13 13 00-0146	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	122.17	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-8.78*	
		For >100 To 500, Deduct	*-16.61*	
		For >500 To 1,000, Deduct	*-31.08*	
		For >1,000, Deduct	*-41.77*	
21 13 13 00-0147	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	127.25	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-9.04*	
		For >100 To 500, Deduct	*-17.24*	
		For >500 To 1,000, Deduct	*-31.99*	
		For >1,000, Deduct	*-42.68*	
21 13 13 00-0148	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	95.15	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-7.43*	
		For >100 To 500, Deduct	*-13.23*	
		For >500 To 1,000, Deduct	*-26.21*	
		For >1,000, Deduct	*-36.90*	
21 13 13 00-0149	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	97.75	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-7.56*	
		For >100 To 500, Deduct	*-13.56*	
		For >500 To 1,000, Deduct	*-26.68*	
		For >1,000, Deduct	*-37.37*	
21 13 13 00-0150	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Horizontal Sidewall White Wet Pipe Sprinkler Head	100.98	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-7.72*	
		For >100 To 500, Deduct	*-13.96*	
		For >500 To 1,000, Deduct	*-27.26*	
		For >1,000, Deduct	*-37.95*	
21 13 13 00-0151	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	104.14	14.84
		For >25 To 50, Deduct	*-2.97*	
		For >50 To 100, Deduct	*-8.18*	
		For >100 To 500, Deduct	*-14.50*	
		For >500 To 1,000, Deduct	*-28.84*	
		For >1,000, Deduct	*-40.72*	
21 13 13 00-0152	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	106.92	14.84
		For >25 To 50, Deduct	*-2.97*	
		For >50 To 100, Deduct	*-8.32*	
		For >100 To 500, Deduct	*-14.85*	
		For >500 To 1,000, Deduct	*-29.34*	
		For >1,000, Deduct	*-41.22*	

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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0153 EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Horizontal Sidewall White Wet Pipe Sprinkler Head	109.93	14.84
For >25 To 50, Deduct	*-2.97*	
For >50 To 100, Deduct	*-8.47*	
For >100 To 500, Deduct	*-15.23*	
For >500 To 1,000, Deduct	*-29.88*	
For >1,000, Deduct	*-41.76*	
21 13 13 00-0154 EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	106.34	14.84
For >25 To 50, Deduct	*-2.97*	
For >50 To 100, Deduct	*-8.29*	
For >100 To 500, Deduct	*-14.78*	
For >500 To 1,000, Deduct	*-29.24*	
For >1,000, Deduct	*-41.12*	
21 13 13 00-0155 EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	109.23	14.84
For >25 To 50, Deduct	*-2.97*	
For >50 To 100, Deduct	*-8.43*	
For >100 To 500, Deduct	*-15.14*	
For >500 To 1,000, Deduct	*-29.76*	
For >1,000, Deduct	*-41.64*	
21 13 13 00-0156 EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Horizontal Sidewall White Wet Pipe Sprinkler Head	112.36	14.84
For >25 To 50, Deduct	*-2.97*	
For >50 To 100, Deduct	*-8.59*	
For >100 To 500, Deduct	*-15.53*	
For >500 To 1,000, Deduct	*-30.32*	
For >1,000, Deduct	*-42.20*	
21 13 13 00-0157 EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Extended Coverage, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	112.41	14.84
For >25 To 50, Deduct	*-2.97*	
For >50 To 100, Deduct	*-8.59*	
For >100 To 500, Deduct	*-15.54*	
For >500 To 1,000, Deduct	*-30.33*	
For >1,000, Deduct	*-42.21*	
21 13 13 00-0158 EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Extended Coverage, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	116.68	14.84
For >25 To 50, Deduct	*-2.97*	
For >50 To 100, Deduct	*-8.80*	
For >100 To 500, Deduct	*-16.07*	
For >500 To 1,000, Deduct	*-31.10*	
For >1,000, Deduct	*-42.98*	
21 13 13 00-0159 EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Extended Coverage, Horizontal Sidewall White Wet Pipe Sprinkler Head	116.68	14.84
For >25 To 50, Deduct	*-2.97*	
For >50 To 100, Deduct	*-8.80*	
For >100 To 500, Deduct	*-16.07*	
For >500 To 1,000, Deduct	*-31.10*	
For >1,000, Deduct	*-42.98*	
21 13 13 00-0160 EA 1/2" NPT Thread, 1/2" Orifice, Decorative Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	198.92	13.36
For >25 To 50, Deduct	*-2.67*	
For >50 To 100, Deduct	*-12.62*	
For >100 To 500, Deduct	*-26.20*	
For >500 To 1,000, Deduct	*-44.89*	
For >1,000, Deduct	*-55.58*	
21 13 13 00-0161 EA 1/2" NPT Thread, 1/2" Orifice, Decorative Horizontal Sidewall White Wet Pipe Sprinkler Head	198.92	13.36
For >25 To 50, Deduct	*-2.67*	
For >50 To 100, Deduct	*-12.62*	
For >100 To 500, Deduct	*-26.20*	
For >500 To 1,000, Deduct	*-44.89*	
For >1,000, Deduct	*-55.58*	
21 13 13 00-0162 EA 1/2" NPT Thread, K=5.6, High Temperature (360 Degree), Horizontal Sidewall Brass Wet Pipe Sprinkler Head	96.24	13.36
For >25 To 50, Deduct	*-2.67*	
For >50 To 100, Deduct	*-7.48*	
For >100 To 500, Deduct	*-13.37*	
For >500 To 1,000, Deduct	*-26.41*	
For >1,000, Deduct	*-37.10*	
21 13 13 00-0163 EA 1/2" NPT Thread, K=5.6, High Temperature (360 Degree), Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	96.24	13.36
For >25 To 50, Deduct	*-2.67*	
For >50 To 100, Deduct	*-7.48*	
For >100 To 500, Deduct	*-13.37*	
For >500 To 1,000, Deduct	*-26.41*	
For >1,000, Deduct	*-37.10*	
21 13 13 00-0164 EA 1/2" NPT Thread, K=5.6, High Temperature (360 Degree), Horizontal Sidewall White Wet Pipe Sprinkler Head	96.24	13.36
For >25 To 50, Deduct	*-2.67*	
For >50 To 100, Deduct	*-7.48*	
For >100 To 500, Deduct	*-13.37*	
For >500 To 1,000, Deduct	*-26.41*	
For >1,000, Deduct	*-37.10*	
21 13 13 00-0165 Vertical Sidewall Wet-Pipe Sprinkler Heads *(21 13 13 00-0132)*		
21 13 13 00-0166 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Vertical Sidewall Brass Wet Pipe Sprinkler Head	101.91	13.36
For >25 To 50, Deduct	*-2.67*	
For >50 To 100, Deduct	*-7.77*	
For >100 To 500, Deduct	*-14.08*	
For >500 To 1,000, Deduct	*-27.43*	
For >1,000, Deduct	*-38.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0167	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Vertical Sidewall Chrome Wet Pipe Sprinkler Head	105.82	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-7.96*	
		For >100 To 500, Deduct	*-14.56*	
		For >500 To 1,000, Deduct	*-28.13*	
		For >1,000, Deduct	*-38.82*	
21 13 13 00-0168	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Vertical Sidewall White Wet Pipe Sprinkler Head	107.51	13.36
		For >25 To 50, Deduct	*-2.67*	
		For >50 To 100, Deduct	*-8.05*	
		For >100 To 500, Deduct	*-14.78*	
		For >500 To 1,000, Deduct	*-28.44*	
		For >1,000, Deduct	*-39.13*	
21 13 13 00-0169		Concealed Wet Pipe Sprinkler Heads *(21 13 13 00-0024)*		
21 13 13 00-0170		Concealed Pendant Wet-Pipe Sprinkler Heads *(21 13 13 00-0169)*		
21 13 13 00-0171	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Concealed Pendent Brass Wet Pipe Sprinkler Head, Low Lead Note: Excludes cover plate	148.32	17.82
		For >25 To 50, Deduct	*-3.56*	
		For >50 To 100, Deduct	*-10.98*	
		For >100 To 500, Deduct	*-20.32*	
		For >500 To 1,000, Deduct	*-38.81*	
		For >1,000, Deduct	*-53.06*	
21 13 13 00-0172	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Concealed Pendent Brass Wet Pipe Sprinkler Head Note: Excludes cover plate	102.32	17.82
		For >25 To 50, Deduct	*-3.56*	
		For >50 To 100, Deduct	*-8.68*	
		For >100 To 500, Deduct	*-14.57*	
		For >500 To 1,000, Deduct	*-30.53*	
		For >1,000, Deduct	*-44.78*	
21 13 13 00-0173	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Concealed Pendent Brass Wet Pipe Sprinkler Head Note: Excludes cover plate	104.00	17.82
		For >25 To 50, Deduct	*-3.56*	
		For >50 To 100, Deduct	*-8.76*	
		For >100 To 500, Deduct	*-14.78*	
		For >500 To 1,000, Deduct	*-30.83*	
		For >1,000, Deduct	*-45.09*	
21 13 13 00-0174	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Concealed Pendent Brass Wet Pipe Sprinkler Head Note: Excludes cover plate	132.76	19.30
		For >25 To 50, Deduct	*-3.86*	
		For >50 To 100, Deduct	*-10.50*	
		For >100 To 500, Deduct	*-18.53*	
		For >500 To 1,000, Deduct	*-37.02*	
		For >1,000, Deduct	*-52.46*	
21 13 13 00-0175	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Concealed Pendent Brass Wet Pipe Sprinkler Head Note: Excludes cover plate	126.81	17.82
		For >25 To 50, Deduct	*-3.56*	
		For >50 To 100, Deduct	*-9.90*	
		For >100 To 500, Deduct	*-17.63*	
		For >500 To 1,000, Deduct	*-34.94*	
		For >1,000, Deduct	*-49.19*	
21 13 13 00-0176	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Concealed Pendent Brass Wet Pipe Sprinkler Head Note: Excludes cover plate	126.81	17.82
		For >25 To 50, Deduct	*-3.56*	
		For >50 To 100, Deduct	*-9.90*	
		For >100 To 500, Deduct	*-17.63*	
		For >500 To 1,000, Deduct	*-34.94*	
		For >1,000, Deduct	*-49.19*	
21 13 13 00-0177	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Concealed Pendent Brass Wet Pipe Sprinkler Head Note: Excludes cover plate	132.76	19.30
		For >25 To 50, Deduct	*-3.86*	
		For >50 To 100, Deduct	*-10.50*	
		For >100 To 500, Deduct	*-18.53*	
		For >500 To 1,000, Deduct	*-37.02*	
		For >1,000, Deduct	*-52.46*	
21 13 13 00-0178	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Concealed Pendent Brass Wet Pipe Sprinkler Head Note: Excludes cover plate	116.05	17.82
		For >25 To 50, Deduct	*-3.56*	
		For >50 To 100, Deduct	*-9.37*	
		For >100 To 500, Deduct	*-16.29*	
		For >500 To 1,000, Deduct	*-33.00*	
		For >1,000, Deduct	*-47.26*	
21 13 13 00-0179	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Concealed Pendent Brass Wet Pipe Sprinkler Head Note: Excludes cover plate	126.81	17.82
		For >25 To 50, Deduct	*-3.56*	
		For >50 To 100, Deduct	*-9.90*	
		For >100 To 500, Deduct	*-17.63*	
		For >500 To 1,000, Deduct	*-34.94*	
		For >1,000, Deduct	*-49.19*	
21 13 13 00-0180	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Quick Response, Concealed Pendent Brass Wet Pipe Sprinkler Head Note: Excludes cover plate	126.81	17.82
		For >25 To 50, Deduct	*-3.56*	
		For >50 To 100, Deduct	*-9.90*	
		For >100 To 500, Deduct	*-17.63*	
		For >500 To 1,000, Deduct	*-34.94*	
		For >1,000, Deduct	*-49.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0181	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Quick Response, Concealed Pendent Brass Wet Pipe Sprinkler Head	118.59	17.82
		Note: Excludes cover plate		
		For >25 To 50, Deduct	*-3.56*	
		For >50 To 100, Deduct	*-9.49*	
		For >100 To 500, Deduct	*-16.61*	
		For >500 To 1,000, Deduct	*-33.46*	
		For >1,000, Deduct	*-47.71*	
21 13 13 00-0182	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Adjustable Concealed Pendent Brass Wet Pipe Sprinkler Head	202.82	20.79
		Note: Excludes cover plate		
		For >25 To 50, Deduct	*-4.16*	
		For >50 To 100, Deduct	*-14.30*	
		For >100 To 500, Deduct	*-27.43*	
		For >500 To 1,000, Deduct	*-50.64*	
		For >1,000, Deduct	*-67.27*	
21 13 13 00-0183	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Concealed Pendent Brass Wet Pipe Sprinkler Head	110.68	17.82
		Note: Excludes cover plate		
		For >25 To 50, Deduct	*-3.56*	
		For >50 To 100, Deduct	*-9.10*	
		For >100 To 500, Deduct	*-15.62*	
		For >500 To 1,000, Deduct	*-32.04*	
		For >1,000, Deduct	*-46.29*	
21 13 13 00-0184	EA	3/4" NPT Thread, 17/32" Orifice, K=5.6, Extended Coverage, Concealed Pendent Brass Wet Pipe Sprinkler Head	115.94	19.30
		Note: Excludes cover plate		
		For >25 To 50, Deduct	*-3.86*	
		For >50 To 100, Deduct	*-9.66*	
		For >100 To 500, Deduct	*-16.42*	
		For >500 To 1,000, Deduct	*-33.99*	
		For >1,000, Deduct	*-49.44*	
21 13 13 00-0185	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Extended Coverage, Concealed Pendent Brass Wet Pipe Sprinkler Head	112.19	17.82
		Note: Excludes cover plate		
		For >25 To 50, Deduct	*-3.56*	
		For >50 To 100, Deduct	*-9.17*	
		For >100 To 500, Deduct	*-15.81*	
		For >500 To 1,000, Deduct	*-32.31*	
		For >1,000, Deduct	*-46.56*	
21 13 13 00-0186	EA	3/4" NPT Thread, 17/32" Orifice, K=5.6, 300 PSI Rated, Extended Coverage, Concealed Pendent Brass Wet Pipe Sprinkler Head	118.14	19.30
		Note: Excludes cover plate		
		For >25 To 50, Deduct	*-3.86*	
		For >50 To 100, Deduct	*-9.77*	
		For >100 To 500, Deduct	*-16.70*	
		For >500 To 1,000, Deduct	*-34.39*	
		For >1,000, Deduct	*-49.83*	
21 13 13 00-0187	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Extended Coverage, Concealed Pendent Brass Wet Pipe Sprinkler Head	133.46	19.30
		Note: Excludes cover plate		
		For >25 To 50, Deduct	*-3.86*	
		For >50 To 100, Deduct	*-10.53*	
		For >100 To 500, Deduct	*-18.61*	
		For >500 To 1,000, Deduct	*-37.15*	
		For >1,000, Deduct	*-52.59*	
21 13 13 00-0188	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Concealed Pendent Non-Ferrous Sprinkler Head With Escutcheon And Adjustable Chrome Cover Plate	237.72	20.79
		For >25 To 50, Deduct	*-4.16*	
		For >50 To 100, Deduct	*-16.04*	
		For >100 To 500, Deduct	*-31.79*	
		For >500 To 1,000, Deduct	*-56.92*	
		For >1,000, Deduct	*-73.55*	
21 13 13 00-0189	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Concealed Pendent Non-Ferrous Sprinkler Head With Escutcheon And Adjustable White Cover Plate	237.72	20.79
		For >25 To 50, Deduct	*-4.16*	
		For >50 To 100, Deduct	*-16.04*	
		For >100 To 500, Deduct	*-31.79*	
		For >500 To 1,000, Deduct	*-56.92*	
		For >1,000, Deduct	*-73.55*	

21 13 13 00-0190 Concealed Horizontal Side Wall Wet-Pipe Sprinkler Heads *(21 13 13 00-0169)*

21 13 13 00-0191	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Concealed Horizontal Sidewall Brass Wet Pipe Sprinkler Head	161.12	17.82
		Note: Excludes cover plate		
		For >25 To 50, Deduct	*-3.56*	
		For >50 To 100, Deduct	*-11.62*	
		For >100 To 500, Deduct	*-21.92*	
		For >500 To 1,000, Deduct	*-41.12*	
		For >1,000, Deduct	*-55.37*	
21 13 13 00-0192	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Concealed Horizontal Sidewall Brass Wet Pipe Sprinkler Head	182.04	19.30
		Note: Excludes cover plate		
		For >25 To 50, Deduct	*-3.86*	
		For >50 To 100, Deduct	*-12.96*	
		For >100 To 500, Deduct	*-24.69*	
		For >500 To 1,000, Deduct	*-45.89*	
		For >1,000, Deduct	*-61.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0193	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Extended Coverage, Concealed Horizontal Sidewall Brass Wet Pipe Sprinkler Head Note: Excludes cover plate	123.71	17.82
		For >25 To 50, Deduct	*-3.56*	
		For >50 To 100, Deduct	*-9.75*	
		For >100 To 500, Deduct	*-17.25*	
		For >500 To 1,000, Deduct	*-34.38*	
		For >1,000, Deduct	*-48.63*	
21 13 13 00-0194	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Concealed Horizontal Sidewall Brass Wet Pipe Sprinkler Head Note: Excludes cover plate	123.96	19.30
		For >25 To 50, Deduct	*-3.86*	
		For >50 To 100, Deduct	*-10.06*	
		For >100 To 500, Deduct	*-17.43*	
		For >500 To 1,000, Deduct	*-35.44*	
		For >1,000, Deduct	*-50.88*	

21 13 13 00-0195 Institutional Tamper Resistant Wet Pipe Sprinkler Heads *(21 13 13 00-0024)*

21 13 13 00-0196	EA	1/2" NPT Thread, K=5.6, Institutional Tamper Resistant, Pendant Chrome Wet Pipe Sprinkler Head Note: Complete assembly including escutcheon, spacers, retaining flange, and centering grommet.	407.41	14.84
		For >25 To 50, Deduct	*-2.97*	
		For >50 To 100, Deduct	*-23.34*	
		For >100 To 500, Deduct	*-52.41*	
		For >500 To 1,000, Deduct	*-83.43*	
		For >1,000, Deduct	*-95.31*	
21 13 13 00-0197	EA	1/2" NPT Thread, K=5.6, Institutional Tamper Resistant, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head Note: Complete assembly including escutcheon, spacers, retaining flange, and centering grommet.	397.35	14.84
		For >25 To 50, Deduct	*-2.97*	
		For >50 To 100, Deduct	*-22.84*	
		For >100 To 500, Deduct	*-51.15*	
		For >500 To 1,000, Deduct	*-81.62*	
		For >1,000, Deduct	*-93.50*	
21 13 13 00-0198	EA	1/2" NPT Thread, K=5.6, Quick Response, Institutional Tamper Resistant, Pendant Chrome Wet Pipe Sprinkler Head	165.80	14.84
		For >25 To 50, Deduct	*-2.97*	
		For >50 To 100, Deduct	*-11.26*	
		For >100 To 500, Deduct	*-22.21*	
		For >500 To 1,000, Deduct	*-39.94*	
		For >1,000, Deduct	*-51.82*	
21 13 13 00-0199	EA	1/2" NPT Thread, K=5.6, Quick Response , Institutional Tamper Resistant, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	186.66	14.84
		For >25 To 50, Deduct	*-2.97*	
		For >50 To 100, Deduct	*-12.30*	
		For >100 To 500, Deduct	*-24.82*	
		For >500 To 1,000, Deduct	*-43.70*	
		For >1,000, Deduct	*-55.57*	

21 13 13 00-0200 Wet Pipe Sprinkler Head Accessories *(21 13 13 00-0011)*

21 13 13 00-0201 Sprinkler Adjustable Steel Drop Nipple *(21 13 13 00-0200)*

21 13 13 00-0202	EA	1" Male NPT x 1/2" Female NPT x 4.125" Minimum Length To 5.125" Maximum Length, Adjustable Steel Drop Nipple (Anvil M1.150)	65.31	15.09
		For >25 To 50, Deduct	*-1.26*	
		For >50 To 100, Deduct	*-4.52*	
		For >100 To 500, Deduct	*-8.79*	
		For >500 To 1,000, Deduct	*-16.03*	
		For >1,000, Deduct	*-21.07*	
21 13 13 00-0203	EA	1" Male NPT x 1/2" Female NPT x 6.125" Minimum Length To 9.125" Maximum Length, Adjustable Steel Drop Nipple (Anvil M3.150)	65.31	15.09
		For >25 To 50, Deduct	*-1.26*	
		For >50 To 100, Deduct	*-4.52*	
		For >100 To 500, Deduct	*-8.79*	
		For >500 To 1,000, Deduct	*-16.03*	
		For >1,000, Deduct	*-21.07*	
21 13 13 00-0204	EA	1" Male NPT x 1/2" Female NPT x 7.875" Minimum Length To 10.875" Maximum Length, Adjustable Steel Drop Nipple (Anvil ME3.150)	66.13	15.09
		For >25 To 50, Deduct	*-1.26*	
		For >50 To 100, Deduct	*-4.56*	
		For >100 To 500, Deduct	*-8.90*	
		For >500 To 1,000, Deduct	*-16.18*	
		For >1,000, Deduct	*-21.21*	
21 13 13 00-0205	EA	1" Female NPT x 1/2" Female NPT x 3.5" Minimum Length To 4.5" Maximum Length, Adjustable Steel Drop Nipple (Anvil F1.150)	57.68	15.09
		For >25 To 50, Deduct	*-1.26*	
		For >50 To 100, Deduct	*-4.14*	
		For >100 To 500, Deduct	*-7.84*	
		For >500 To 1,000, Deduct	*-14.66*	
		For >1,000, Deduct	*-19.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0206	EA	1" Female NPT x 1/2" Female NPT x 4.5" Minimum Length To 6.5" Maximum Length, Adjustable Steel Drop Nipple (Anvil F2.150)	57.68	15.09
		For >25 To 50, Deduct	*-1.26*	
		For >50 To 100, Deduct	*-4.14*	
		For >100 To 500, Deduct	*-7.84*	
		For >500 To 1,000, Deduct	*-14.66*	
		For >1,000, Deduct	*-19.69*	
21 13 13 00-0207	EA	1" Female NPT x 1/2" Female NPT x 5.5" Minimum Length To 8.5" Maximum Length, Adjustable Steel Drop Nipple (Anvil F3.150)	57.68	15.09
		For >25 To 50, Deduct	*-1.26*	
		For >50 To 100, Deduct	*-4.14*	
		For >100 To 500, Deduct	*-7.84*	
		For >500 To 1,000, Deduct	*-14.66*	
		For >1,000, Deduct	*-19.69*	
21 13 13 00-0208	EA	1" Female NPT x 3/4" Female NPT x 7.35" Minimum Length To 10.35" Maximum Length, Adjustable Steel Drop Nipple (Anvil F3.175)	64.61	16.41
		For >25 To 50, Deduct	*-1.37*	
		For >50 To 100, Deduct	*-4.60*	
		For >100 To 500, Deduct	*-8.76*	
		For >500 To 1,000, Deduct	*-16.28*	
		For >1,000, Deduct	*-21.75*	

21 13 13 00-0209 Sprinkler Head Escutcheon *(21 13 13 00-0200)*

21 13 13 00-0210	EA	2-7/8" Diameter x 1-1/8" Depth, Two Piece, 1/2" NPT, Brass Sprinkler Head Recessed Escutcheon	25.36	5.35
		For >25 To 50, Deduct	*-0.45*	
		For >50 To 100, Deduct	*-1.71*	
		For >100 To 500, Deduct	*-3.39*	
		For >500 To 1,000, Deduct	*-6.08*	
		For >1,000, Deduct	*-7.86*	
21 13 13 00-0211	EA	2-7/8" Diameter x 1-1/8" Depth, Two Piece, 1/2" NPT, Chrome Sprinkler Head Recessed Escutcheon	17.05	5.35
		For >25 To 50, Deduct	*-0.45*	
		For >50 To 100, Deduct	*-1.30*	
		For >100 To 500, Deduct	*-2.35*	
		For >500 To 1,000, Deduct	*-4.58*	
		For >1,000, Deduct	*-6.36*	
21 13 13 00-0212	EA	2-7/8" Diameter x 1-1/8" Depth, Two Piece, 1/2" NPT, White Sprinkler Head Recessed Escutcheon	17.05	5.35
		For >25 To 50, Deduct	*-0.45*	
		For >50 To 100, Deduct	*-1.30*	
		For >100 To 500, Deduct	*-2.35*	
		For >500 To 1,000, Deduct	*-4.58*	
		For >1,000, Deduct	*-6.36*	
21 13 13 00-0213	EA	2-7/8" Diameter x 1-1/8" Depth, Two Piece, 3/4" NPT, Brass Sprinkler Head Recessed Escutcheon	25.36	5.35
		For >25 To 50, Deduct	*-0.45*	
		For >50 To 100, Deduct	*-1.71*	
		For >100 To 500, Deduct	*-3.39*	
		For >500 To 1,000, Deduct	*-6.08*	
		For >1,000, Deduct	*-7.86*	
21 13 13 00-0214	EA	2-7/8" Diameter x 1-1/8" Depth, Two Piece, 3/4" NPT, Chrome Sprinkler Head Recessed Escutcheon	17.05	5.35
		For >25 To 50, Deduct	*-0.45*	
		For >50 To 100, Deduct	*-1.30*	
		For >100 To 500, Deduct	*-2.35*	
		For >500 To 1,000, Deduct	*-4.58*	
		For >1,000, Deduct	*-6.36*	
21 13 13 00-0215	EA	2-7/8" Diameter x 1-1/8" Depth, Two Piece, 3/4" NPT, White Sprinkler Head Recessed Escutcheon	17.05	5.35
		For >25 To 50, Deduct	*-0.45*	
		For >50 To 100, Deduct	*-1.30*	
		For >100 To 500, Deduct	*-2.35*	
		For >500 To 1,000, Deduct	*-4.58*	
		For >1,000, Deduct	*-6.36*	
21 13 13 00-0216	EA	2-7/8" Diameter x 7/8" Depth, Two Piece, 1/2" NPT, Brass Sprinkler Head Recessed Escutcheon	23.86	5.35
		For >25 To 50, Deduct	*-0.45*	
		For >50 To 100, Deduct	*-1.64*	
		For >100 To 500, Deduct	*-3.21*	
		For >500 To 1,000, Deduct	*-5.81*	
		For >1,000, Deduct	*-7.59*	
21 13 13 00-0217	EA	2-7/8" Diameter x 7/8" Depth, Two Piece, 1/2" NPT, Chrome Sprinkler Head Recessed Escutcheon	17.05	5.35
		For >25 To 50, Deduct	*-0.45*	
		For >50 To 100, Deduct	*-1.30*	
		For >100 To 500, Deduct	*-2.35*	
		For >500 To 1,000, Deduct	*-4.58*	
		For >1,000, Deduct	*-6.36*	
21 13 13 00-0218	EA	2-7/8" Diameter x 7/8" Depth, Two Piece, 1/2" NPT, White Sprinkler Head Recessed Escutcheon	17.05	5.35
		For >25 To 50, Deduct	*-0.45*	
		For >50 To 100, Deduct	*-1.30*	
		For >100 To 500, Deduct	*-2.35*	
		For >500 To 1,000, Deduct	*-4.58*	
		For >1,000, Deduct	*-6.36*	
21 13 13 00-0219	EA	2-7/8" Diameter x 7/8" Depth, Two Piece, 3/4" NPT, Brass Sprinkler Head Recessed Escutcheon	23.86	5.35
		For >25 To 50, Deduct	*-0.45*	
		For >50 To 100, Deduct	*-1.64*	
		For >100 To 500, Deduct	*-3.21*	
		For >500 To 1,000, Deduct	*-5.81*	
		For >1,000, Deduct	*-7.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0220	EA	2-7/8" Diameter x 7/8" Depth, Two Piece, 3/4" NPT, Chrome Sprinkler Head Recessed Escutcheon	17.05	5.35
		For >25 To 50, Deduct	*-0.45*	
		For >50 To 100, Deduct	*-1.30*	
		For >100 To 500, Deduct	*-2.35*	
		For >500 To 1,000, Deduct	*-4.58*	
		For >1,000, Deduct	*-6.36*	
21 13 13 00-0221	EA	2-7/8" Diameter x 7/8" Depth, Two Piece, 3/4" NPT, White Sprinkler Head Recessed Escutcheon	17.05	5.35
		For >25 To 50, Deduct	*-0.45*	
		For >50 To 100, Deduct	*-1.30*	
		For >100 To 500, Deduct	*-2.35*	
		For >500 To 1,000, Deduct	*-4.58*	
		For >1,000, Deduct	*-6.36*	
21 13 13 00-0222	EA	3-7/32" Diameter x 15/16" Depth, Two Piece, 1/2" NPT, Push-On/Thread-Off Chrome Sprinkler Head Recessed Escutcheon	24.61	5.35
		For >25 To 50, Deduct	*-0.45*	
		For >50 To 100, Deduct	*-1.68*	
		For >100 To 500, Deduct	*-3.30*	
		For >500 To 1,000, Deduct	*-5.94*	
		For >1,000, Deduct	*-7.72*	
21 13 13 00-0223	EA	3-7/32" Diameter x 15/16" Depth, Two Piece, 1/2" NPT, Push-On/Thread-Off White Sprinkler Head Recessed Escutcheon	24.61	5.35
		For >25 To 50, Deduct	*-0.45*	
		For >50 To 100, Deduct	*-1.68*	
		For >100 To 500, Deduct	*-3.30*	
		For >500 To 1,000, Deduct	*-5.94*	
		For >1,000, Deduct	*-7.72*	
21 13 13 00-0224	EA	2-7/8" Diameter x 11/16" Depth, One Piece, 1/2" NPT, Brass Sprinkler Head Escutcheon	9.27	3.92
		For >25 To 50, Deduct	*-0.30*	
		For >50 To 100, Deduct	*-0.76*	
		For >100 To 500, Deduct	*-1.31*	
		For >500 To 1,000, Deduct	*-2.68*	
		For >1,000, Deduct	*-3.87*	
21 13 13 00-0225	EA	2-7/8" Diameter x 11/16" Depth, One Piece, 1/2" NPT, Chrome Sprinkler Head Escutcheon	8.22	3.92
		For >25 To 50, Deduct	*-0.30*	
		For >50 To 100, Deduct	*-0.71*	
		For >100 To 500, Deduct	*-1.18*	
		For >500 To 1,000, Deduct	*-2.49*	
		For >1,000, Deduct	*-3.68*	
21 13 13 00-0226	EA	2-7/8" Diameter x 11/16" Depth, One Piece, 1/2" NPT, White Sprinkler Head Escutcheon	8.51	3.92
		For >25 To 50, Deduct	*-0.30*	
		For >50 To 100, Deduct	*-0.72*	
		For >100 To 500, Deduct	*-1.21*	
		For >500 To 1,000, Deduct	*-2.54*	
		For >1,000, Deduct	*-3.73*	
21 13 13 00-0227	EA	2-7/8" Diameter x 11/16" Depth, One Piece, 3/4" NPT, Brass Sprinkler Head Escutcheon	9.46	3.92
		For >25 To 50, Deduct	*-0.30*	
		For >50 To 100, Deduct	*-0.77*	
		For >100 To 500, Deduct	*-1.33*	
		For >500 To 1,000, Deduct	*-2.71*	
		For >1,000, Deduct	*-3.90*	
21 13 13 00-0228	EA	2-7/8" Diameter x 11/16" Depth, One Piece, 3/4" NPT, Chrome Sprinkler Head Escutcheon	8.41	3.92
		For >25 To 50, Deduct	*-0.30*	
		For >50 To 100, Deduct	*-0.72*	
		For >100 To 500, Deduct	*-1.20*	
		For >500 To 1,000, Deduct	*-2.52*	
		For >1,000, Deduct	*-3.71*	
21 13 13 00-0229	EA	2-7/8" Diameter x 11/16" Depth, One Piece, 3/4" NPT, White Sprinkler Head Escutcheon	8.41	3.92
		For >25 To 50, Deduct	*-0.30*	
		For >50 To 100, Deduct	*-0.72*	
		For >100 To 500, Deduct	*-1.20*	
		For >500 To 1,000, Deduct	*-2.52*	
		For >1,000, Deduct	*-3.71*	
21 13 13 00-0230	EA	2-7/8" Diameter x 1/8" Depth, One Piece, 1/2" NPT, Bright Brass Sprinkler Head Escutcheon	10.54	3.92
		For >25 To 50, Deduct	*-0.30*	
		For >50 To 100, Deduct	*-0.82*	
		For >100 To 500, Deduct	*-1.47*	
		For >500 To 1,000, Deduct	*-2.91*	
		For >1,000, Deduct	*-4.10*	
21 13 13 00-0231	EA	2-7/8" Diameter x 1/8" Depth, One Piece, 1/2" NPT, Chrome Sprinkler Head Escutcheon	8.38	3.92
		For >25 To 50, Deduct	*-0.30*	
		For >50 To 100, Deduct	*-0.72*	
		For >100 To 500, Deduct	*-1.20*	
		For >500 To 1,000, Deduct	*-2.52*	
		For >1,000, Deduct	*-3.71*	
21 13 13 00-0232	EA	2-7/8" Diameter x 1/8" Depth, One Piece, 1/2" NPT, White Sprinkler Head Escutcheon	8.38	3.92
		For >25 To 50, Deduct	*-0.30*	
		For >50 To 100, Deduct	*-0.72*	
		For >100 To 500, Deduct	*-1.20*	
		For >500 To 1,000, Deduct	*-2.52*	
		For >1,000, Deduct	*-3.71*	
21 13 13 00-0233	EA	3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 1/2" NPT, Brass Sprinkler Head Telescoping Escutcheon	14.12	5.49
		For >25 To 50, Deduct	*-0.42*	
		For >50 To 100, Deduct	*-1.12*	
		For >100 To 500, Deduct	*-1.97*	
		For >500 To 1,000, Deduct	*-3.96*	
		For >1,000, Deduct	*-5.62*	

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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0234 EA 3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 1/2" NPT, Chrome Sprinkler Head Telescoping Escutcheon	13.55	5.49
For >25 To 50, Deduct	*-0.42*	
For >50 To 100, Deduct	*-1.09*	
For >100 To 500, Deduct	*-1.90*	
For >500 To 1,000, Deduct	*-3.85*	
For >1,000, Deduct	*-5.52*	
21 13 13 00-0235 EA 3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 1/2" NPT, White Sprinkler Head Telescoping Escutcheon	13.74	5.49
For >25 To 50, Deduct	*-0.42*	
For >50 To 100, Deduct	*-1.10*	
For >100 To 500, Deduct	*-1.93*	
For >500 To 1,000, Deduct	*-3.89*	
For >1,000, Deduct	*-5.55*	
21 13 13 00-0236 EA 3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 3/4" NPT, Brass Sprinkler Head Telescoping Escutcheon	14.31	5.49
For >25 To 50, Deduct	*-0.42*	
For >50 To 100, Deduct	*-1.13*	
For >100 To 500, Deduct	*-2.00*	
For >500 To 1,000, Deduct	*-3.99*	
For >1,000, Deduct	*-5.65*	
21 13 13 00-0237 EA 3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 3/4" NPT, Chrome Sprinkler Head Telescoping Escutcheon	13.74	5.49
For >25 To 50, Deduct	*-0.42*	
For >50 To 100, Deduct	*-1.10*	
For >100 To 500, Deduct	*-1.93*	
For >500 To 1,000, Deduct	*-3.89*	
For >1,000, Deduct	*-5.55*	
21 13 13 00-0238 EA 3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 3/4" NPT, White Sprinkler Head Telescoping Escutcheon	14.12	5.49
For >25 To 50, Deduct	*-0.42*	
For >50 To 100, Deduct	*-1.12*	
For >100 To 500, Deduct	*-1.97*	
For >500 To 1,000, Deduct	*-3.96*	
For >1,000, Deduct	*-5.62*	
21 13 13 00-0239 EA Flat Chrome Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head	31.45	5.35
For >25 To 50, Deduct	*-0.45*	
For >50 To 100, Deduct	*-2.02*	
For >100 To 500, Deduct	*-4.15*	
For >500 To 1,000, Deduct	*-7.17*	
For >1,000, Deduct	*-8.95*	
21 13 13 00-0240 EA Flat White Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head	31.45	5.35
For >25 To 50, Deduct	*-0.45*	
For >50 To 100, Deduct	*-2.02*	
For >100 To 500, Deduct	*-4.15*	
For >500 To 1,000, Deduct	*-7.17*	
For >1,000, Deduct	*-8.95*	
21 13 13 00-0241 EA Conical Chrome Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head	31.45	5.35
For >25 To 50, Deduct	*-0.45*	
For >50 To 100, Deduct	*-2.02*	
For >100 To 500, Deduct	*-4.15*	
For >500 To 1,000, Deduct	*-7.17*	
For >1,000, Deduct	*-8.95*	
21 13 13 00-0242 EA Conical White Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head	31.45	5.35
For >25 To 50, Deduct	*-0.45*	
For >50 To 100, Deduct	*-2.02*	
For >100 To 500, Deduct	*-4.15*	
For >500 To 1,000, Deduct	*-7.17*	
For >1,000, Deduct	*-8.95*	
21 13 13 00-0243 EA Chrome Sprinkler Head Escutcheon For Decorative Horizontal Sidewall Sprinkler Head	31.45	5.35
For >25 To 50, Deduct	*-0.45*	
For >50 To 100, Deduct	*-2.02*	
For >100 To 500, Deduct	*-4.15*	
For >500 To 1,000, Deduct	*-7.17*	
For >1,000, Deduct	*-8.95*	
21 13 13 00-0244 EA White Sprinkler Head Escutcheon For Decorative Horizontal Sidewall Sprinkler Head	31.45	5.35
For >25 To 50, Deduct	*-0.45*	
For >50 To 100, Deduct	*-2.02*	
For >100 To 500, Deduct	*-4.15*	
For >500 To 1,000, Deduct	*-7.17*	
For >1,000, Deduct	*-8.95*	
21 13 13 00-0245 EA 2-Piece Chrome Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head	36.61	5.35
For >25 To 50, Deduct	*-0.45*	
For >50 To 100, Deduct	*-2.28*	
For >100 To 500, Deduct	*-4.80*	
For >500 To 1,000, Deduct	*-8.10*	
For >1,000, Deduct	*-9.88*	
21 13 13 00-0246 EA 2-Piece White Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head	37.81	5.35
For >25 To 50, Deduct	*-0.45*	
For >50 To 100, Deduct	*-2.34*	
For >100 To 500, Deduct	*-4.95*	
For >500 To 1,000, Deduct	*-8.32*	
For >1,000, Deduct	*-10.10*	

21 13 13 00-0247 Cover Plate For Sprinkler Heads *(21 13 13 00-0200)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0248	EA	Chrome Cover Plate For Concealed Pendent Sprinkler Head	77.14	6.05
		For >25 To 50, Deduct	*-0.50*	
		For >50 To 100, Deduct	*-4.36*	
		For >100 To 500, Deduct	*-9.89*	
		For >500 To 1,000, Deduct	*-15.60*	
		For >1,000, Deduct	*-17.62*	
21 13 13 00-0249	EA	White Cover Plate For Concealed Pendent Sprinkler Head	36.22	6.05
		For >25 To 50, Deduct	*-0.50*	
		For >50 To 100, Deduct	*-2.32*	
		For >100 To 500, Deduct	*-4.78*	
		For >500 To 1,000, Deduct	*-8.23*	
		For >1,000, Deduct	*-10.25*	
21 13 13 00-0250	EA	Specialty Cover Plate For Concealed Pendent Sprinkler Head	53.96	6.05
		For >25 To 50, Deduct	*-0.50*	
		For >50 To 100, Deduct	*-3.20*	
		For >100 To 500, Deduct	*-7.00*	
		For >500 To 1,000, Deduct	*-11.43*	
		For >1,000, Deduct	*-13.45*	
21 13 13 00-0251	EA	Brass Cover Plate For Concealed Sidewall Sprinkler Head	49.36	6.05
		For >25 To 50, Deduct	*-0.50*	
		For >50 To 100, Deduct	*-2.97*	
		For >100 To 500, Deduct	*-6.42*	
		For >500 To 1,000, Deduct	*-10.60*	
		For >1,000, Deduct	*-12.62*	
21 13 13 00-0252	EA	Chrome Cover Plate For Concealed Sidewall Sprinkler Head	38.92	6.05
		For >25 To 50, Deduct	*-0.50*	
		For >50 To 100, Deduct	*-2.45*	
		For >100 To 500, Deduct	*-5.12*	
		For >500 To 1,000, Deduct	*-8.72*	
		For >1,000, Deduct	*-10.74*	
21 13 13 00-0253	EA	White Cover Plate For Concealed Sidewall Sprinkler Head	38.92	6.05
		For >25 To 50, Deduct	*-0.50*	
		For >50 To 100, Deduct	*-2.45*	
		For >100 To 500, Deduct	*-5.12*	
		For >500 To 1,000, Deduct	*-8.72*	
		For >1,000, Deduct	*-10.74*	
21 13 13 00-0254	EA	Off-White Cover Plate For Concealed Sidewall Sprinkler Head	49.36	6.05
		For >25 To 50, Deduct	*-0.50*	
		For >50 To 100, Deduct	*-2.97*	
		For >100 To 500, Deduct	*-6.42*	
		For >500 To 1,000, Deduct	*-10.60*	
		For >1,000, Deduct	*-12.62*	
21 13 13 00-0255	EA	Black Painted Cover Plate For Concealed Sidewall Sprinkler Head	49.36	6.05
		For >25 To 50, Deduct	*-0.50*	
		For >50 To 100, Deduct	*-2.97*	
		For >100 To 500, Deduct	*-6.42*	
		For >500 To 1,000, Deduct	*-10.60*	
		For >1,000, Deduct	*-12.62*	
21 13 13 00-0256	EA	Black Plated Cover Plate For Concealed Sidewall Sprinkler Head	57.63	6.05
		For >25 To 50, Deduct	*-0.50*	
		For >50 To 100, Deduct	*-3.39*	
		For >100 To 500, Deduct	*-7.46*	
		For >500 To 1,000, Deduct	*-12.09*	
		For >1,000, Deduct	*-14.11*	
21 13 13 00-0257	EA	Bright Brass Cover Plate For Concealed Sidewall Sprinkler Head	57.63	6.05
		For >25 To 50, Deduct	*-0.50*	
		For >50 To 100, Deduct	*-3.39*	
		For >100 To 500, Deduct	*-7.46*	
		For >500 To 1,000, Deduct	*-12.09*	
		For >1,000, Deduct	*-14.11*	
21 13 13 00-0258	EA	Satin Chrome Cover Plate For Concealed Sidewall Sprinkler Head	57.63	6.05
		For >25 To 50, Deduct	*-0.50*	
		For >50 To 100, Deduct	*-3.39*	
		For >100 To 500, Deduct	*-7.46*	
		For >500 To 1,000, Deduct	*-12.09*	
		For >1,000, Deduct	*-14.11*	
21 13 13 00-0259	EA	Specialty Cover Plate For Concealed Sidewall Sprinkler Head	49.41	6.05
		For >25 To 50, Deduct	*-0.50*	
		For >50 To 100, Deduct	*-2.98*	
		For >100 To 500, Deduct	*-6.43*	
		For >500 To 1,000, Deduct	*-10.61*	
		For >1,000, Deduct	*-12.63*	
21 13 13 00-0260	EA	White Cover Plate For Quick Release Concealed Sidewall Sprinkler Head	85.62	7.13
		For >25 To 50, Deduct	*-0.59*	
		For >50 To 100, Deduct	*-4.87*	
		For >100 To 500, Deduct	*-11.00*	
		For >500 To 1,000, Deduct	*-17.43*	
		For >1,000, Deduct	*-19.80*	

21 13 13 00-0261 Sprinkler Escutcheon Extension Tube *(21 13 13 00-0200)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0262	EA	2.18" Diameter x 4" Long Stainless Steel With Chrome Or White Finish, Escutcheon Extension Tube Note: For use with 2 piece escutcheons	18.91	3.57
		For >25 To 50, Deduct	*-0.30*	
		For >50 To 100, Deduct	*-1.24*	
		For >100 To 500, Deduct	*-2.51*	
		For >500 To 1,000, Deduct	*-4.41*	
		For >1,000, Deduct	*-5.60*	
21 13 13 00-0263	EA	2.18" Diameter x 6" Long Stainless Steel With Chrome Or White Finish, Escutcheon Extension Tube Note: For use with 2 piece escutcheons	24.96	3.74
		For >25 To 50, Deduct	*-0.31*	
		For >50 To 100, Deduct	*-1.56*	
		For >100 To 500, Deduct	*-3.28*	
		For >500 To 1,000, Deduct	*-5.55*	
		For >1,000, Deduct	*-6.80*	
21 13 13 00-0264	EA	2.18" Diameter x 8" Long Stainless Steel With Chrome Or White Finish, Escutcheon Extension Tube Note: For use with 2 piece escutcheons	31.75	3.92
		For >25 To 50, Deduct	*-0.33*	
		For >50 To 100, Deduct	*-1.91*	
		For >100 To 500, Deduct	*-4.13*	
		For >500 To 1,000, Deduct	*-6.83*	
		For >1,000, Deduct	*-8.13*	
21 13 13 00-0265	EA	2.18" Diameter x 10" Long Stainless Steel With Chrome Or White Finish, Escutcheon Extension Tube Note: For use with 2 piece escutcheons	37.81	4.10
		For >25 To 50, Deduct	*-0.34*	
		For >50 To 100, Deduct	*-2.23*	
		For >100 To 500, Deduct	*-4.90*	
		For >500 To 1,000, Deduct	*-7.97*	
		For >1,000, Deduct	*-9.33*	

21 13 13 00-0266 Sprinkler Head Guards *(21 13 13 00-0200)*

21 13 13 00-0267	EA	Universal Sprinkler Head Guard, C-1	26.07	10.69
		For >25 To 50, Deduct	*-0.89*	
		For >50 To 100, Deduct	*-2.19*	
		For >100 To 500, Deduct	*-3.70*	
		For >500 To 1,000, Deduct	*-7.72*	
		For >1,000, Deduct	*-11.29*	
21 13 13 00-0268	EA	Dry Pendent Sprinkler Head Guard, C-2	29.27	10.69
		For >25 To 50, Deduct	*-0.89*	
		For >50 To 100, Deduct	*-2.35*	
		For >100 To 500, Deduct	*-4.10*	
		For >500 To 1,000, Deduct	*-8.30*	
		For >1,000, Deduct	*-11.86*	
21 13 13 00-0269	EA	Upright Sprinkler Head Guard With Water Shield, C-3	34.72	10.69
		For >25 To 50, Deduct	*-0.89*	
		For >50 To 100, Deduct	*-2.63*	
		For >100 To 500, Deduct	*-4.79*	
		For >500 To 1,000, Deduct	*-9.28*	
		For >1,000, Deduct	*-12.84*	
21 13 13 00-0270	EA	Pendent Sprinkler Head Guard With Water Shield, C-5	41.44	10.69
		For >25 To 50, Deduct	*-0.89*	
		For >50 To 100, Deduct	*-2.96*	
		For >100 To 500, Deduct	*-5.63*	
		For >500 To 1,000, Deduct	*-10.49*	
		For >1,000, Deduct	*-14.05*	
21 13 13 00-0271	EA	Universal Sprinkler Head Guard, D-1	29.14	10.69
		For >25 To 50, Deduct	*-0.89*	
		For >50 To 100, Deduct	*-2.35*	
		For >100 To 500, Deduct	*-4.09*	
		For >500 To 1,000, Deduct	*-8.27*	
		For >1,000, Deduct	*-11.84*	
21 13 13 00-0272	EA	Upright Sprinkler Head Guard With Water Shield, D-3	31.22	10.69
		For >25 To 50, Deduct	*-0.89*	
		For >50 To 100, Deduct	*-2.45*	
		For >100 To 500, Deduct	*-4.35*	
		For >500 To 1,000, Deduct	*-8.65*	
		For >1,000, Deduct	*-12.21*	
21 13 13 00-0273	EA	Pendent Sprinkler Head Guard With Large Water Shield, D-4	46.63	10.69
		For >25 To 50, Deduct	*-0.89*	
		For >50 To 100, Deduct	*-3.22*	
		For >100 To 500, Deduct	*-6.27*	
		For >500 To 1,000, Deduct	*-11.42*	
		For >1,000, Deduct	*-14.99*	
21 13 13 00-0274	EA	Pendent Sprinkler Head Guard With Small Water Shield, D-5	43.54	10.69
		For >25 To 50, Deduct	*-0.89*	
		For >50 To 100, Deduct	*-3.07*	
		For >100 To 500, Deduct	*-5.89*	
		For >500 To 1,000, Deduct	*-10.87*	
		For >1,000, Deduct	*-14.43*	

21 13 13 00-0275 Flexible Sprinkler Piping *(21 13 13 00-0011)*

Note: 1" Diameter stainless steel flexible pipe with either 1/2" or 3/4" outlet.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0276	EA	2' Long, 3/4" Stainless Steel Flexible Sprinkler Piping Note: Includes ceiling mounting bracket.	79.95	18.41
		For >25 To 50, Deduct	*-1.86*	
		For >50 To 100, Deduct	*-5.85*	
		For >100 To 500, Deduct	*-10.92*	
		For >500 To 1,000, Deduct	*-20.70*	
		For >1,000, Deduct	*-28.12*	
21 13 13 00-0277	EA	3' Long, 3/4" Stainless Steel Flexible Sprinkler Piping Note: Includes ceiling mounting bracket.	88.44	19.00
		For >25 To 50, Deduct	*-1.95*	
		For >50 To 100, Deduct	*-6.38*	
		For >100 To 500, Deduct	*-12.03*	
		For >500 To 1,000, Deduct	*-22.56*	
		For >1,000, Deduct	*-30.38*	
21 13 13 00-0278	EA	4' Long, 3/4" Stainless Steel Flexible Sprinkler Piping Note: Includes ceiling mounting bracket.	97.10	20.19
		For >25 To 50, Deduct	*-2.06*	
		For >50 To 100, Deduct	*-6.92*	
		For >100 To 500, Deduct	*-13.17*	
		For >500 To 1,000, Deduct	*-24.49*	
		For >1,000, Deduct	*-32.74*	
21 13 13 00-0279	EA	5' Long, 3/4" Stainless Steel Flexible Sprinkler Piping Note: Includes ceiling mounting bracket.	106.06	21.38
		For >25 To 50, Deduct	*-2.18*	
		For >50 To 100, Deduct	*-7.49*	
		For >100 To 500, Deduct	*-14.35*	
		For >500 To 1,000, Deduct	*-26.51*	
		For >1,000, Deduct	*-35.25*	
21 13 13 00-0280	EA	6' Long, 3/4" Stainless Steel Flexible Sprinkler Piping Note: Includes ceiling mounting bracket.	115.30	23.76
		For >25 To 50, Deduct	*-2.32*	
		For >50 To 100, Deduct	*-8.09*	
		For >100 To 500, Deduct	*-15.57*	
		For >500 To 1,000, Deduct	*-28.64*	
		For >1,000, Deduct	*-37.92*	

21 13 13 00-0281 Sprinkler Emergency Cabinets *(21 13 13 00-0011)*

21 13 13 00-0282	EA	3 Capacity Emergency Sprinkler Cabinet, A4	137.91
21 13 13 00-0283	EA	6 Capacity Emergency Sprinkler Cabinet, A4	143.84
21 13 13 00-0284	EA	12 Capacity Emergency Sprinkler Cabinet, A4	155.74
21 13 13 00-0285	EA	12 Capacity Emergency Sprinkler Cabinet, A3	513.83
21 13 13 00-0286	EA	Sprinkler Wrench, RC1	259.72
21 13 13 00-0287	EA	Sprinkler Wrench, FC	258.71
21 13 13 00-0288	EA	Sprinkler Wrench, W2	85.90

21 13 16 Dry-Pipe Sprinkler Systems *(21 13)*

21 13 16 00-0001 Complete Dry Pipe Sprinkler Systems Assembly *(21 13 16)*

Note: Includes all branch line piping (standard weight threaded black steel, less than 2-1/2" diameter pipe, fittings, branch valves, hangers, sprinkler heads, etc. From riser pipe and mains. Excludes outside mains, inside vertical or horizontal pipe mains, greater than 2" diameter. The coverage of one sprinkler head varies from about 180 SF for light hazard occupancy, about 155 SF for ordinary, 90 to about 130 SF for extra hazard conditions. Excludes special alarm valves, gate valves, check valves, flow control devices, water motor gong assembly, Siamese connections, standpipes and fittings, pipe mains and fittings, fire pumps and tanks. Not for use where detail is available. For sprinkler repairs or sprinkler head replacements use specific pipe, fittings, hangers, valves, and sprinkler head components. See CSI section 23 21 13 23-1260 for individual grooved pipe, 23 21 13 23-1328 for individual grooved pipe fittings.

21 13 16 00-0002 Light Hazard, Dry-Pipe Sprinkler System Assemblies *(21 13 16 00-0001)*

21 13 16 00-0003	EA	Exposed Piping, Light Hazard, Per Head, Dry-Pipe Sprinkler System Assembly Note: Includes branch pipe and fittings, supports and sprinkler heads.	814.51	
		For Up To 5, Add	*367.49*	
		For >5 To 10, Add	*185.67*	
		For >10 To 20, Add	*143.98*	
		For >20 To 40, Add	*61.57*	
		For >100 To 150, Deduct	*-81.45*	
		For >150, Deduct	*-162.90*	
		For Copper Pipe, Add	*101.33*	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-142.06*	
21 13 16 00-0004	EA	Concealed Piping, Light Hazard, Per Head, Dry-Pipe Sprinkler System Assembly Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.	992.89	
		For Up To 5, Add	*453.71*	
		For >5 To 10, Add	*240.66*	
		For >10 To 20, Add	*184.11*	
		For >20 To 40, Add	*77.92*	
		For >100 To 150, Deduct	*-99.29*	
		For >150, Deduct	*-198.58*	
		For Copper Pipe, Add	*120.66*	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-170.30*	
		For Work In Restricted Working Space, Add	*169.65*	

21 13 16 00-0005 Ordinary Hazard, Dry-Pipe Sprinkler System Assemblies *(21 13 16 00-0001)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 16 00-0006	EA	Exposed Piping, Ordinary Hazard, Per Head, Dry-Pipe Sprinkler System Assembly Note: Includes branch pipe and fittings, supports and sprinkler heads.	790.39	
		For Up To 5, Add	*357.33*	
		For >5 To 10, Add	*181.96*	
		For >10 To 20, Add	*140.79*	
		For >20 To 40, Add	*60.10*	
		For >100 To 150, Deduct	*-79.04*	
		For >150, Deduct	*-158.08*	
		For Copper Pipe, Add	*97.97*	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-137.49*	
21 13 16 00-0007	EA	Concealed Piping, Ordinary Hazard, Per Head, Dry-Pipe Sprinkler System Assembly Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.	965.76	
		For Up To 5, Add	*442.17*	
		For >5 To 10, Add	*236.25*	
		For >10 To 20, Add	*180.38*	
		For >20 To 40, Add	*76.22*	
		For >100 To 150, Deduct	*-96.58*	
		For >150, Deduct	*-193.15*	
		For Copper Pipe, Add	*116.93*	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-165.22*	
		For Work In Restricted Working Space, Add	*167.60*	
21 13 16 00-0008		**Extra Hazard, Dry-Pipe Sprinkler System Assemblies** *(21 13 16 00-0001)*		
21 13 16 00-0009	EA	Exposed Piping, Extra Hazard, Per Head, Dry-Pipe Sprinkler System Assembly Note: Includes branch pipe and fittings, supports and sprinkler heads.	742.46	
		For Up To 5, Add	*335.35*	
		For >5 To 10, Add	*170.16*	
		For >10 To 20, Add	*131.79*	
		For >20 To 40, Add	*56.31*	
		For >100 To 150, Deduct	*-74.25*	
		For >150, Deduct	*-148.49*	
		For Copper Pipe, Add	*92.19*	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-129.31*	
21 13 16 00-0010	EA	Concealed Piping, Extra Hazard, Per Head, Dry-Pipe Sprinkler System Assembly Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.	898.94	
		For Up To 5, Add	*411.61*	
		For >5 To 10, Add	*219.99*	
		For >10 To 20, Add	*167.95*	
		For >20 To 40, Add	*70.97*	
		For >100 To 150, Deduct	*-89.89*	
		For >150, Deduct	*-179.79*	
		For Copper Pipe, Add	*108.82*	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-153.77*	
		For Work In Restricted Working Space, Add	*156.11*	
21 13 16 00-0011		**Dry-Pipe Sprinkler System Compressors** *(21 13 16 00-0001)*		
21 13 16 00-0012	EA	Dry System Air Compressor, 3/4 HP With Alarm Valve Flange With Gauge	3,395.17	336.63
21 13 16 00-0013	EA	Dry System Air Compressor, 1 HP With Alarm Valve Flange With Gauge	3,557.68	336.63
21 13 16 00-0014	EA	Dry System Air Compressor, 1-1/2 HP With Alarm Valve Flange With Gauge	3,694.80	336.63
21 13 16 00-0015	EA	Dry System Air Compressor, 2 HP With Alarm Valve Flange With Gauge	4,228.02	336.63
21 13 16 00-0016		**Dry Pipe Sprinkler System Components** *(21 13 16)*		
21 13 16 00-0017		**Dry Pipe Valves** *(21 13 16 00-0016)* Note: Excludes trim package See CSI section 21 13 16 00-0023 for Dry Pipe Valve Trim.		
21 13 16 00-0018	EA	2-1/2" Dry Pipe Valve	4,317.89	225.60
21 13 16 00-0019	EA	3" Dry Pipe Valve	4,806.49	258.42
21 13 16 00-0020	EA	4" Dry Pipe Valve	5,341.28	438.90
21 13 16 00-0021	EA	6" Dry Pipe Valve	6,773.85	553.76
21 13 16 00-0022	EA	8" Dry Pipe Valve	10,394.37	557.86
21 13 16 00-0023		**Dry Pipe Valve Trim** *(21 13 16 00-0016)* Note: Includes gauges, pressure switch, air supply and drain lines.		
21 13 16 00-0024	EA	2-1/2" Dry Pipe Valve Trim	1,623.21	318.31
		For Accelerator and Trim, Add	*1,347.97*	
		For Priming Chamber, Add	*217.02*	
21 13 16 00-0025	EA	3" Dry Pipe Valve Trim	1,672.42	350.03
		For Accelerator and Trim, Add	*1,347.97*	
		For Priming Chamber, Add	*217.02*	
21 13 16 00-0026	EA	4" Dry Pipe Valve Trim	1,899.88	436.44
		For Accelerator and Trim, Add	*1,347.97*	
		For Priming Chamber, Add	*217.02*	
21 13 16 00-0027	EA	6" Dry Pipe Valve Trim	2,042.09	525.04
		For Accelerator and Trim, Add	*1,347.97*	
		For Priming Chamber, Add	*217.02*	
21 13 16 00-0028	EA	8" Dry Pipe Valve Trim	2,303.50	590.68
		For Accelerator and Trim, Add	*1,347.97*	
		For Priming Chamber, Add	*217.02*	
21 13 16 00-0029		**Dry Pipe Fire Protection Air Compressors** *(21 13 16 00-0016)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 16 00-0030	EA	1.46 CFM, 1/6 HP, 125 Gallon Capacity, Oil-Less, Riser Mount, Fire Protection Air Compressors	1,521.86	164.26
21 13 16 00-0031	EA	3.03 CFM, 1/3 HP, 250 Gallon Capacity, Oil-Less, Riser Mount, Fire Protection Air Compressors	1,849.74	174.85
21 13 16 00-0032	EA	4.85 CFM, 1/2 HP, 400 Gallon Capacity, Oil-Less, Riser Mount, Fire Protection Air Compressors	2,371.61	186.50
21 13 16 00-0033	EA	6.06 CFM, 3/4 HP, 500 Gallon Capacity, Oil-Less, Riser Mount, Fire Protection Air Compressors	2,582.34	215.12
21 13 16 00-0034	EA	7.28 CFM, 1 HP, 600 Gallon Capacity, Oil-Less, Riser Mount, Fire Protection Air Compressors	3,197.75	254.33
21 13 16 00-0035	EA	11.1 CFM, 1-1/2 HP, 915 Gallon Capacity, Oil-Less, Riser Mount, Fire Protection Air Compressors	4,045.63	269.16
21 13 16 00-0036	EA	14.85 CFM, 2 HP, 1225 Gallon Capacity, Oil-Less, Riser Mount, Fire Protection Air Compressors	4,907.06	279.76

21 13 16 00-0037 Dry Pipe Fire Protection Nitrogen Generator *(21 13 16 00-0016)*

21 13 16 00-0038	EA	675 Gallon Total System Capacity, Wall Mount, Fire Protection Nitrogen Generator	11,143.06	254.33
21 13 16 00-0039	EA	950 Gallon Total System Capacity, Wall Mount, Fire Protection Nitrogen Generator	12,365.44	269.16
21 13 16 00-0040	EA	2,000 Gallon Total System Capacity, Wall Mount, Fire Protection Nitrogen Generator	17,569.55	349.70

21 13 16 00-0041 Recessed Pendent Dry Pipe Sprinkler Heads, Quick Response *(21 13 16 00-0016)*

21 13 16 00-0042	EA	3-1/2" To 5-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	289.67	23.52
		For >25 To 50, Deduct	*-3.56*	
		For >50 To 100, Deduct	*-18.05*	
		For >100 To 500, Deduct	*-37.99*	
		For >500 To 1,000, Deduct	*-64.25*	
		For >1,000, Deduct	*-78.51*	
21 13 16 00-0043	EA	6" To 8-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	302.25	23.52
		For >25 To 50, Deduct	*-3.56*	
		For >50 To 100, Deduct	*-18.68*	
		For >100 To 500, Deduct	*-39.56*	
		For >500 To 1,000, Deduct	*-66.52*	
		For >1,000, Deduct	*-80.77*	
21 13 16 00-0044	EA	9" To 11-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	314.84	23.52
		For >25 To 50, Deduct	*-3.56*	
		For >50 To 100, Deduct	*-19.31*	
		For >100 To 500, Deduct	*-41.14*	
		For >500 To 1,000, Deduct	*-68.79*	
		For >1,000, Deduct	*-83.04*	
21 13 16 00-0045	EA	12" To 14-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	327.46	23.52
		For >25 To 50, Deduct	*-3.56*	
		For >50 To 100, Deduct	*-19.94*	
		For >100 To 500, Deduct	*-42.71*	
		For >500 To 1,000, Deduct	*-71.06*	
		For >1,000, Deduct	*-85.31*	
21 13 16 00-0046	EA	15" To 17-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	340.05	23.52
		For >25 To 50, Deduct	*-3.56*	
		For >50 To 100, Deduct	*-20.57*	
		For >100 To 500, Deduct	*-44.29*	
		For >500 To 1,000, Deduct	*-73.32*	
		For >1,000, Deduct	*-87.58*	
21 13 16 00-0047	EA	18" To 20-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	352.64	23.52
		For >25 To 50, Deduct	*-3.56*	
		For >50 To 100, Deduct	*-21.20*	
		For >100 To 500, Deduct	*-45.86*	
		For >500 To 1,000, Deduct	*-75.59*	
		For >1,000, Deduct	*-89.84*	
21 13 16 00-0048	EA	21" To 23-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	365.22	23.52
		For >25 To 50, Deduct	*-3.56*	
		For >50 To 100, Deduct	*-21.82*	
		For >100 To 500, Deduct	*-47.43*	
		For >500 To 1,000, Deduct	*-77.85*	
		For >1,000, Deduct	*-92.11*	
21 13 16 00-0049	EA	24" To 26-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	377.84	23.52
		For >25 To 50, Deduct	*-3.56*	
		For >50 To 100, Deduct	*-22.46*	
		For >100 To 500, Deduct	*-49.01*	
		For >500 To 1,000, Deduct	*-80.13*	
		For >1,000, Deduct	*-94.38*	
21 13 16 00-0050	EA	27" To 29-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	390.41	23.52
		For >25 To 50, Deduct	*-3.56*	
		For >50 To 100, Deduct	*-23.08*	
		For >100 To 500, Deduct	*-50.58*	
		For >500 To 1,000, Deduct	*-82.39*	
		For >1,000, Deduct	*-96.64*	
21 13 16 00-0051	EA	30" To 32-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	403.01	23.52
		For >25 To 50, Deduct	*-3.56*	
		For >50 To 100, Deduct	*-23.71*	
		For >100 To 500, Deduct	*-52.16*	
		For >500 To 1,000, Deduct	*-84.66*	
		For >1,000, Deduct	*-98.91*	
21 13 16 00-0052	EA	33" To 35-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	415.61	23.52
		For >25 To 50, Deduct	*-3.56*	
		For >50 To 100, Deduct	*-24.34*	
		For >100 To 500, Deduct	*-53.73*	
		For >500 To 1,000, Deduct	*-86.92*	
		For >1,000, Deduct	*-101.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 16 00-0053	EA	36" To 38-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	428.20	23.52
		For >25 To 50, Deduct	*-3.56*	
		For >50 To 100, Deduct	*-24.97*	
		For >100 To 500, Deduct	*-55.31*	
		For >500 To 1,000, Deduct	*-89.19*	
		For >1,000, Deduct	*-103.44*	
21 13 16 00-0054	EA	39" To 41-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	440.82	23.52
		For >25 To 50, Deduct	*-3.56*	
		For >50 To 100, Deduct	*-25.60*	
		For >100 To 500, Deduct	*-56.88*	
		For >500 To 1,000, Deduct	*-91.46*	
		For >1,000, Deduct	*-105.71*	
21 13 16 00-0055	EA	42" To 44-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	453.38	23.52
		For >25 To 50, Deduct	*-3.56*	
		For >50 To 100, Deduct	*-26.23*	
		For >100 To 500, Deduct	*-58.45*	
		For >500 To 1,000, Deduct	*-93.72*	
		For >1,000, Deduct	*-107.97*	
21 13 16 00-0056	EA	45" To 48" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	465.99	23.52
		For >25 To 50, Deduct	*-3.56*	
		For >50 To 100, Deduct	*-26.86*	
		For >100 To 500, Deduct	*-60.03*	
		For >500 To 1,000, Deduct	*-95.99*	
		For >1,000, Deduct	*-110.24*	

21 13 16 00-0057 Sidewall Dry Pipe Sprinkler Heads, Quick Response *(21 13 16 00-0016)*

21 13 16 00-0058	EA	3-1/2" To 5-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	286.64	23.52
		For >25 To 50, Deduct	*-3.56*	
		For >50 To 100, Deduct	*-17.90*	
		For >100 To 500, Deduct	*-37.61*	
		For >500 To 1,000, Deduct	*-63.71*	
		For >1,000, Deduct	*-77.96*	
21 13 16 00-0059	EA	6" To 8-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	299.25	23.52
		For >25 To 50, Deduct	*-3.56*	
		For >50 To 100, Deduct	*-18.53*	
		For >100 To 500, Deduct	*-39.19*	
		For >500 To 1,000, Deduct	*-65.98*	
		For >1,000, Deduct	*-80.23*	
21 13 16 00-0060	EA	9" To 11-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	311.87	23.52
		For >25 To 50, Deduct	*-3.56*	
		For >50 To 100, Deduct	*-19.16*	
		For >100 To 500, Deduct	*-40.77*	
		For >500 To 1,000, Deduct	*-68.25*	
		For >1,000, Deduct	*-82.50*	
21 13 16 00-0061	EA	12" To 14-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	324.42	23.52
		For >25 To 50, Deduct	*-3.56*	
		For >50 To 100, Deduct	*-19.78*	
		For >100 To 500, Deduct	*-42.33*	
		For >500 To 1,000, Deduct	*-70.51*	
		For >1,000, Deduct	*-84.76*	
21 13 16 00-0062	EA	15" To 17-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	337.03	23.52
		For >25 To 50, Deduct	*-3.56*	
		For >50 To 100, Deduct	*-20.41*	
		For >100 To 500, Deduct	*-43.91*	
		For >500 To 1,000, Deduct	*-72.78*	
		For >1,000, Deduct	*-87.03*	
21 13 16 00-0063	EA	18" To 20-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	349.60	23.52
		For >25 To 50, Deduct	*-3.56*	
		For >50 To 100, Deduct	*-21.04*	
		For >100 To 500, Deduct	*-45.48*	
		For >500 To 1,000, Deduct	*-75.04*	
		For >1,000, Deduct	*-89.29*	
21 13 16 00-0064	EA	21" To 23-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	362.23	23.52
		For >25 To 50, Deduct	*-3.56*	
		For >50 To 100, Deduct	*-21.67*	
		For >100 To 500, Deduct	*-47.06*	
		For >500 To 1,000, Deduct	*-77.32*	
		For >1,000, Deduct	*-91.57*	
21 13 16 00-0065	EA	24" To 26-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	374.82	23.52
		For >25 To 50, Deduct	*-3.56*	
		For >50 To 100, Deduct	*-22.30*	
		For >100 To 500, Deduct	*-48.63*	
		For >500 To 1,000, Deduct	*-79.58*	
		For >1,000, Deduct	*-93.83*	
21 13 16 00-0066	EA	27" To 29-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	387.38	23.52
		For >25 To 50, Deduct	*-3.56*	
		For >50 To 100, Deduct	*-22.93*	
		For >100 To 500, Deduct	*-50.20*	
		For >500 To 1,000, Deduct	*-81.84*	
		For >1,000, Deduct	*-96.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 16 00-0067	EA	30" To 32-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	399.97	23.52
		For >25 To 50, Deduct	*-3.56*	
		For >50 To 100, Deduct	*-23.56*	
		For >100 To 500, Deduct	*-51.78*	
		For >500 To 1,000, Deduct	*-84.11*	
		For >1,000, Deduct	*-98.36*	
21 13 16 00-0068	EA	33" To 35-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	412.58	23.52
		For >25 To 50, Deduct	*-3.56*	
		For >50 To 100, Deduct	*-24.19*	
		For >100 To 500, Deduct	*-53.35*	
		For >500 To 1,000, Deduct	*-86.38*	
		For >1,000, Deduct	*-100.63*	
21 13 16 00-0069	EA	36" To 38-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	425.17	23.52
		For >25 To 50, Deduct	*-3.56*	
		For >50 To 100, Deduct	*-24.82*	
		For >100 To 500, Deduct	*-54.93*	
		For >500 To 1,000, Deduct	*-88.64*	
		For >1,000, Deduct	*-102.90*	
21 13 16 00-0070	EA	39" To 41-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	462.97	23.52
		For >25 To 50, Deduct	*-3.56*	
		For >50 To 100, Deduct	*-26.71*	
		For >100 To 500, Deduct	*-59.65*	
		For >500 To 1,000, Deduct	*-95.45*	
		For >1,000, Deduct	*-109.70*	
21 13 16 00-0071	EA	42" To 44-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	475.57	23.52
		For >25 To 50, Deduct	*-3.56*	
		For >50 To 100, Deduct	*-27.34*	
		For >100 To 500, Deduct	*-61.23*	
		For >500 To 1,000, Deduct	*-97.72*	
		For >1,000, Deduct	*-111.97*	
21 13 16 00-0072	EA	45" To 48" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	480.59	23.52
		For >25 To 50, Deduct	*-3.56*	
		For >50 To 100, Deduct	*-27.59*	
		For >100 To 500, Deduct	*-61.86*	
		For >500 To 1,000, Deduct	*-98.62*	
		For >1,000, Deduct	*-112.87*	

21 13 19 Preaction Sprinkler Systems *(21 13)*

21 13 19 00-0001 Complete Preaction Sprinkler Systems Assemblies *(21 13 19)*

Note: Includes all branch line piping (standard weight threaded black steel, less than 2-1/2" diameter pipe, fittings, branch valves, hangers, sprinkler heads, etc. From riser pipe and mains. Excludes outside mains, inside vertical or horizontal pipe mains, greater than 2" diameter. The coverage of one sprinkler head varies from about 180 SF for light hazard occupancy, about 155 SF for ordinary, 90 to about 130 SF for extra hazard conditions. Excludes special alarm valves, gate valves, check valves, flow control devices, water motor gong assembly, Siamese connections, standpipes and fittings, pipe mains and fittings, fire pumps and tanks. Not for use where detail is available. For sprinkler repairs or sprinkler head replacements use specific pipe, fittings, hangers, valves, and sprinkler head components. See CSI section 23 21 13 23-1260 for individual grooved pipe, 23 21 13 23-1328 for individual grooved pipe fittings.

21 13 19 00-0002 Ordinary Hazard, Preaction Sprinkler System Assemblies *(21 13 19 00-0001)*

21 13 19 00-0003	EA	Exposed Piping, Ordinary Hazard, Per Head, Preaction Sprinkler System Assembly Note: Includes branch pipe and fittings, supports and sprinkler heads.	737.59	
		For Up To 5, Add	*336.21*	
		For >5 To 10, Add	*209.27*	
		For >10 To 20, Add	*135.51*	
		For >20 To 40, Add	*57.46*	
		For >100 To 150, Deduct	*-73.76*	
		For >150, Deduct	*-147.52*	

21 13 19 00-0004 Extra Hazard, Preaction Sprinkler System Assemblies *(21 13 19 00-0001)*

21 13 19 00-0005	EA	Exposed Piping, Extra Hazard, Per Head, Preaction Sprinkler System Assembly Note: Includes branch pipe and fittings, supports and sprinkler heads.	686.63	
		For Up To 5, Add	*313.02*	
		For >5 To 10, Add	*194.87*	
		For >10 To 20, Add	*126.21*	
		For >20 To 40, Add	*53.51*	
		For >100 To 150, Deduct	*-68.66*	
		For >150, Deduct	*-137.33*	

21 13 26 Deluge Fire-Suppression Sprinkler Systems *(21 13)*

21 13 26 00-0001 Deluge Fire-Suppression Sprinkler Systems Equipment *(21 13 26)*

21 13 26 00-0002 Deluge Valves, Wet-Pilot Activation With Required Trim And Release Equipment *(21 13 26 00-0001)*

21 13 26 00-0003	EA	3" Deluge Valve, Wet-Pilot Activation With Trim And Release Equipment	7,641.81	659.90
		For Accelerator and Trim, Add	*1,347.97*	
		For Priming Chamber, Add	*217.02*	
		For Dry-Pilot Activation, Add	*632.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 26 00-0004	EA	4" Deluge Valve, Wet-Pilot Activation With Trim And Release Equipment	9,429.93	742.32
		For Accelerator and Trim, Add	*1,347.97*	
		For Priming Chamber, Add	*217.02*	
		For Dry-Pilot Activation, Add	*794.53*	
21 13 26 00-0005	EA	6" Deluge Valve, Wet-Pilot Activation With Trim And Release Equipment	11,247.21	1,079.76
		For Accelerator and Trim, Add	*1,347.97*	
		For Priming Chamber, Add	*217.02*	
		For Dry-Pilot Activation, Add	*908.77*	
21 13 26 00-0006	EA	8" Deluge Valve, Wet-Pilot Activation With Trim And Release Equipment	18,909.64	1,297.58
		For Accelerator and Trim, Add	*1,347.97*	
		For Priming Chamber, Add	*217.02*	
		For Dry-Pilot Activation, Add	*1,631.45*	

21 13 39 Foam-Water Systems *(21 13)*

21 13 39 00-0001 Foam Control Valves And Monitors *(21 13 39)*

21 13 39 00-0002 Control Valves *(21 13 39 00-0001)*

21 13 39 00-0003	EA	3" Foam Control Valve	5,611.17	659.90

21 13 39 00-0004 Supply Valves *(21 13 39 00-0001)*

21 13 39 00-0005	EA	2-1/2" Foam Supply Valve	4,822.47	742.32

21 13 39 00-0006 Proportioners *(21 13 39 00-0001)*

21 13 39 00-0007	EA	8" Foam Proportioner	3,226.56	1,079.76

21 13 39 00-0008 Monitors *(21 13 39 00-0001)*

21 13 39 00-0009	EA	Oscillating Foam Monitor	6,688.66	148.47

21 13 41 Fire-Suppression Sprinkler Piping *(21 13)*

See CSI section 22 11 16 00-0013 for galvanized steel pipe and fittings, 22 11 16 00-0371 for copper pipe and fittings, 23 21 13 23-0001 for threaded black steel piping, 23 21 13 23-0360 for welded black steel piping, 23 21 13 23-0679 for flanged black steel pipe fittings, 23 21 13 23-1260 for grooved pipe, 23 21 13 23-1328 for grooved pipe fittings, 33 14 13 13-0001 for ductile iron pipe and fittings.

21 13 41 00-0001 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe *(21 13 41)*

Note: SDR 13.5

21 13 41 00-0002 Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe *(21 13 41 00-0001)*

21 13 41 00-0003	LF	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe	6.28	1.90
		For Work In Restricted Working Space, Add	*1.43*	
21 13 41 00-0004	LF	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe	7.46	2.01
		For Work In Restricted Working Space, Add	*1.53*	
21 13 41 00-0005	LF	1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe	9.27	2.26
		For Work In Restricted Working Space, Add	*1.67*	
21 13 41 00-0006	LF	1-1/2" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe	11.28	2.50
		For Work In Restricted Working Space, Add	*1.85*	
21 13 41 00-0007	LF	2" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe	14.38	2.73
		For Work In Restricted Working Space, Add	*2.07*	
21 13 41 00-0008	LF	2-1/2" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe	19.51	3.09
		For Work In Restricted Working Space, Add	*2.35*	
21 13 41 00-0009	LF	3" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe	27.05	3.69
		For Work In Restricted Working Space, Add	*2.78*	

21 13 41 00-0010 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbows, Fire Sprinkler Piping *(21 13 41 00-0001)*

21 13 41 00-0011	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping	30.49	11.40
		For Work In Restricted Working Space, Add	*8.55*	
21 13 41 00-0012	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping	40.08	14.25
		For Work In Restricted Working Space, Add	*10.73*	
21 13 41 00-0013	EA	1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping	50.13	17.82
		For Work In Restricted Working Space, Add	*13.40*	
21 13 41 00-0014	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping	57.15	19.72
		For Work In Restricted Working Space, Add	*14.82*	
21 13 41 00-0015	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping	64.76	22.10
		For Work In Restricted Working Space, Add	*16.53*	
21 13 41 00-0016	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping	81.26	25.06
		For Work In Restricted Working Space, Add	*18.81*	
21 13 41 00-0017	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping	99.34	29.69
		For Work In Restricted Working Space, Add	*22.23*	

21 13 41 00-0018 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbows, Fire Sprinkler Piping *(21 13 41 00-0001)*

21 13 41 00-0019	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping	31.19	11.40
		For Work In Restricted Working Space, Add	*8.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 41 00-0020	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping	38.95	14.25
		For Work In Restricted Working Space, Add	*10.73*	
21 13 41 00-0021	EA	1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping	49.29	17.82
		For Work In Restricted Working Space, Add	*13.40*	
21 13 41 00-0022	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping	55.80	19.72
		For Work In Restricted Working Space, Add	*14.82*	
21 13 41 00-0023	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping	63.07	22.10
		For Work In Restricted Working Space, Add	*16.53*	
21 13 41 00-0024	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping	76.99	25.06
		For Work In Restricted Working Space, Add	*18.81*	
21 13 41 00-0025	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping	94.65	29.69
		For Work In Restricted Working Space, Add	*22.23*	

21 13 41 00-0026 Chlorinated Polyvinyl Chloride (CPVC) Tees, Fire Sprinkler Piping *(21 13 41 00-0001)*

21 13 41 00-0027	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping	45.45	17.10
		For Work In Restricted Working Space, Add	*12.83*	
21 13 41 00-0028	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping	59.02	21.50
		For Work In Restricted Working Space, Add	*16.11*	
21 13 41 00-0029	EA	1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping	75.00	26.84
		For Work In Restricted Working Space, Add	*20.09*	
21 13 41 00-0030	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping	85.91	29.69
		For Work In Restricted Working Space, Add	*22.23*	
21 13 41 00-0031	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping	100.14	33.02
		For Work In Restricted Working Space, Add	*24.80*	
21 13 41 00-0032	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping	122.47	37.65
		For Work In Restricted Working Space, Add	*28.22*	
21 13 41 00-0033	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping	144.71	44.42
		For Work In Restricted Working Space, Add	*33.35*	

21 13 41 00-0034 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tees, Fire Sprinkler Piping *(21 13 41 00-0001)*

21 13 41 00-0035	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping	54.54	20.07
		For Work In Restricted Working Space, Add	*15.00*	
21 13 41 00-0036	EA	1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping	70.79	25.06
		For Work In Restricted Working Space, Add	*18.74*	
21 13 41 00-0037	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping	79.21	27.68
		For Work In Restricted Working Space, Add	*20.74*	
21 13 41 00-0038	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping	93.27	30.88
		For Work In Restricted Working Space, Add	*23.16*	
21 13 41 00-0039	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping	109.86	35.16
		For Work In Restricted Working Space, Add	*26.33*	
21 13 41 00-0040	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping	129.31	41.45
		For Work In Restricted Working Space, Add	*31.14*	

21 13 41 00-0041 Chlorinated Polyvinyl Chloride (CPVC) Crosses, Fire Sprinkler Piping *(21 13 41 00-0001)*

21 13 41 00-0042	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping	61.27	22.80
		For Work In Restricted Working Space, Add	*17.10*	
21 13 41 00-0043	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping	76.83	28.62
		For Work In Restricted Working Space, Add	*21.45*	
21 13 41 00-0044	EA	1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping	96.70	35.75
		For Work In Restricted Working Space, Add	*26.80*	
21 13 41 00-0045	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping	108.90	39.55
		For Work In Restricted Working Space, Add	*29.65*	
21 13 41 00-0046	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping	126.83	44.06
		For Work In Restricted Working Space, Add	*33.07*	
21 13 41 00-0047	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping	161.65	50.12
		For Work In Restricted Working Space, Add	*37.63*	

21 13 41 00-0048 Chlorinated Polyvinyl Chloride (CPVC) Couplings, Fire Sprinkler Piping *(21 13 41 00-0001)*

21 13 41 00-0049	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping	20.91	7.60
		For Work In Restricted Working Space, Add	*5.70*	
21 13 41 00-0050	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping	28.02	10.21
		For Work In Restricted Working Space, Add	*7.66*	
21 13 41 00-0051	EA	1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping	37.13	13.42
		For Work In Restricted Working Space, Add	*10.05*	
21 13 41 00-0052	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping	42.24	14.84
		For Work In Restricted Working Space, Add	*11.12*	
21 13 41 00-0053	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping	48.35	16.51
		For Work In Restricted Working Space, Add	*12.40*	
21 13 41 00-0054	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping	57.77	18.76
		For Work In Restricted Working Space, Add	*14.11*	
21 13 41 00-0055	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping	69.58	22.21
		For Work In Restricted Working Space, Add	*16.67*	

21 13 41 00-0056 Chlorinated Polyvinyl Chloride (CPVC) Caps, Fire Sprinkler Piping *(21 13 41 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 41 00-0057	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping	10.65	3.80
		For Work In Restricted Working Space, Add	*2.85*	
21 13 41 00-0058	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping	16.95	6.17
		For Work In Restricted Working Space, Add	*4.60*	
21 13 41 00-0059	EA	1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping	19.38	6.65
		For Work In Restricted Working Space, Add	*5.03*	
21 13 41 00-0060	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping	22.16	7.36
		For Work In Restricted Working Space, Add	*5.56*	
21 13 41 00-0061	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping	26.14	8.32
		For Work In Restricted Working Space, Add	*6.20*	
21 13 41 00-0062	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping	31.41	9.39
		For Work In Restricted Working Space, Add	*7.06*	
21 13 41 00-0063	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping	40.60	11.17
		For Work In Restricted Working Space, Add	*8.34*	

21 13 41 00-0064 Chlorinated Polyvinyl Chloride (CPVC) Reducer Bushing, Fire Sprinkler Piping *(21 13 41 00-0001)*

21 13 41 00-0065	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping	29.64	11.28
		For Work In Restricted Working Space, Add	*8.45*	
21 13 41 00-0066	EA	1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping	39.24	14.72
		For Work In Restricted Working Space, Add	*11.05*	
21 13 41 00-0067	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping	43.37	16.27
		For Work In Restricted Working Space, Add	*12.22*	
21 13 41 00-0068	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping	49.33	18.17
		For Work In Restricted Working Space, Add	*13.65*	
21 13 41 00-0069	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping	58.39	20.67
		For Work In Restricted Working Space, Add	*15.54*	
21 13 41 00-0070	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping	71.12	24.46
		For Work In Restricted Working Space, Add	*18.35*	

21 13 41 00-0071 Chlorinated Polyvinyl Chloride (CPVC) Spigot Style Reducing Adapter, Male Slip x Female Pipe Thread, Fire Sprinkler Piping *(21 13 41 00-0001)*

21 13 41 00-0072	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Spigot Style Reducing Adapter, Male Slip X Female Pipe Thread, Fire Sprinkler Piping	25.88	8.32
		For Work In Restricted Working Space, Add	*6.27*	
21 13 41 00-0073	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Spigot Style Reducing Adapter, Male Slip X Female Pipe Thread, Fire Sprinkler Piping	33.41	11.28
		For Work In Restricted Working Space, Add	*8.45*	

21 13 41 00-0074 Chlorinated Polyvinyl Chloride (CPVC) Reducing Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping *(21 13 41 00-0001)*

21 13 41 00-0075	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	25.88	8.32
		For Work In Restricted Working Space, Add	*6.27*	
21 13 41 00-0076	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	33.41	11.28
		For Work In Restricted Working Space, Add	*8.45*	

21 13 41 00-0077 Chlorinated Polyvinyl Chloride (CPVC) Reducing 90 Degree Elbow Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping *(21 13 41 00-0001)*

21 13 41 00-0078	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing 90 Degree Elbow Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	30.28	10.21
		For Work In Restricted Working Space, Add	*7.70*	
21 13 41 00-0079	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing 90 Degree Elbow Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	38.66	12.83
		For Work In Restricted Working Space, Add	*9.66*	
21 13 41 00-0080	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing 90 Degree Elbow Adapter With 3/4" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	40.08	12.83
		For Work In Restricted Working Space, Add	*9.66*	

21 13 41 00-0081 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping *(21 13 41 00-0001)*

21 13 41 00-0082	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	49.78	17.10
		For Work In Restricted Working Space, Add	*12.83*	
21 13 41 00-0083	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	61.29	21.50
		For Work In Restricted Working Space, Add	*16.11*	
21 13 41 00-0084	EA	1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	79.63	26.84
		For Work In Restricted Working Space, Add	*20.09*	
21 13 41 00-0085	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	90.81	29.69
		For Work In Restricted Working Space, Add	*22.23*	
21 13 41 00-0086	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	106.11	33.02
		For Work In Restricted Working Space, Add	*24.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

21 20 Fire-Extinguishing Systems *(21)*

21 21 Carbon-Dioxide Fire-Extinguishing Systems *(21 20)*

21 21 16 Carbon-Dioxide Fire-Extinguishing Equipment *(21 21)*

21 21 16 00-0001 Carbon Dioxide Cylinders *(21 21 16)*

21 21 16 00-0002	EA	Carbon Dioxide Simplex Cylinder, 75 Lb.	2,972.77	242.20
21 21 16 00-0003	EA	Carbon Dioxide Duplex Cylinder, 75 Lb. (Each)	5,945.54	484.40
21 21 16 00-0004	EA	Carbon Dioxide Cylinder, Heat/Ion Detector, With Bracket	398.30	136.20
21 21 16 00-0005	EA	Carbon Dioxide Cylinder, Dispersion Nozzle	178.50	44.25
21 21 16 00-0006	LF	Carbon Dioxide Cylinder, 1/2" Rubber Tubing	42.49	17.94

21 22 Clean-Agent Fire-Extinguishing Systems *(21 20)*

21 22 16 Clean-Agent Fire-Extinguishing Equipment *(21 22)*

21 22 16 00-0001 Ansul Fire Control Systems *(21 22 16)*

21 22 16 00-0002 Sapphire® Fire Suppression Systems *(21 22 16 00-0001)*

Note: ANSUL® SAPPHIRE® fire suppression systems use 3M™ Novec™ 1230 fire protection fluid for total flooding applications.

21 22 16 00-0003 Cylinders, Sapphire® Fire Suppression Systems *(21 22 16 00-0002)*

21 22 16 00-0004	EA	20 Lb. Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570635) Note: 10 to 21 Lb. tank capacity. Excludes Sapphire agent.	1,735.14	82.57
21 22 16 00-0005	EA	40 Lb. Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570636) Note: 20 to 46 Lb. tank capacity. Excludes Sapphire agent.	1,979.91	82.57
21 22 16 00-0006	EA	80 Lb. Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570637) Note: 41 to 80 Lb. tank capacity. Excludes Sapphire agent.	2,012.09	82.57
21 22 16 00-0007	EA	140 Lb. Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570638) Note: 58 to 138 Lb. tank capacity. Excludes Sapphire agent.	2,857.03	110.09
21 22 16 00-0008	EA	280 Lb. Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570639) Note: 116 to 280 Lb. tank capacity. Excludes Sapphire agent.	3,018.83	110.09
21 22 16 00-0009	EA	390 Lb. Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570640) Note: 161 to 388 Lb. tank capacity. Excludes Sapphire agent.	3,224.21	137.62
21 22 16 00-0010	EA	450 Lb. Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570641) Note: 194 to 459 Lb. tank capacity. Excludes Sapphire agent.	3,421.50	137.62
21 22 16 00-0011	EA	850 Lb. Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570586) Note: 375 to 851 Lb. tank capacity. Excludes Sapphire agent.	5,166.59	165.14
21 22 16 00-0012	LB	Sapphire Agent. Fire Protection Fluid, Factory Filled (Novec 1230) Note: Add to empty tank cost.	43.71	165.14

21 22 16 00-0013 Nozzles, Sapphire® Fire Suppression Systems *(21 22 16 00-0002)*

21 22 16 00-0014	EA	1/2" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570515)	165.32	13.76
21 22 16 00-0015	EA	3/4" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570516)	169.49	13.76
21 22 16 00-0016	EA	1" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570517)	179.94	13.76
21 22 16 00-0017	EA	1-1/4" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570518)	187.25	13.76
21 22 16 00-0018	EA	1-1/2" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570519)	197.68	13.76
21 22 16 00-0019	EA	2" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570520)	228.99	13.76
21 22 16 00-0020	EA	1/2" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570602)	165.32	13.76
21 22 16 00-0021	EA	3/4" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570603)	169.49	13.76
21 22 16 00-0022	EA	1" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570604)	179.94	13.76
21 22 16 00-0023	EA	1-1/4" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570605)	187.25	13.76
21 22 16 00-0024	EA	1-1/2" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570606)	197.68	13.76
21 22 16 00-0025	EA	2" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570607)	228.99	13.76

21 22 16 00-0026 Actuation Attachments, Sapphire® Fire Suppression System *(21 22 16 00-0002)*

21 22 16 00-0027	EA	7/16-20 To 1/4" NPT, Male Actuation Elbow, Sapphire® Fire Suppression System (Ansul 31810)	14.70	4.13
21 22 16 00-0028	EA	7/16-20 To 1/4" NPT, Male Actuation Tee, Sapphire® Fire Suppression System (Ansul 31811)	16.50	4.13
21 22 16 00-0029	EA	1/4" NPT To 7/16-20, Male Actuation Connector, Sapphire® Fire Suppression System (Ansul 32338)	22.20	9.63
21 22 16 00-0030	EA	16" Actuation Hose, Sapphire® Fire Suppression System (Ansul 73597)	53.01	12.33
21 22 16 00-0031	EA	32" Actuation Hose, Sapphire® Fire Suppression System (Ansul 415142)	78.93	12.33
21 22 16 00-0032	EA	42" Actuation Hose, Sapphire® Fire Suppression System (Ansul 430815)	95.45	12.33
21 22 16 00-0033	EA	24", Stainless Steel, Swivel, Braided Actuation Hose, Sapphire® Fire Suppression System (Ansul 32336)	47.05	12.33
21 22 16 00-0034	EA	Pneumatic Actuator Shipping Assembly, Sapphire® Fire Suppression System (Ansul 570537)	325.61	110.09
21 22 16 00-0035	EA	Local Manual Actuator, Sapphire® Fire Suppression System (Ansul 570549)	315.45	82.57
21 22 16 00-0036	EA	Electric Actuator Shipping Assembly, Sapphire® Fire Suppression System (Ansul 570537)	713.94	110.09

21 22 16 00-0037 Nameplates, Sapphire® Fire Suppression Systems *(21 22 16 00-0002)*

21 22 16 00-0038	EA	Warning Plate For Use Outside Room, Sapphire® Fire Suppression Systems (Ansul 570580)	52.58	13.76
21 22 16 00-0039	EA	Warning Plate for Use Inside Room, Sapphire® Fire Suppression Systems (Ansul 570581)	57.29	13.76

21 22 16 00-0040 Cylinder Bracketing, Sapphire® Fire Suppression Systems *(21 22 16 00-0002)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0041	EA	Tank Bracket Assembly For 20 Lb., 40 Lb., 50 Lb., 80 Lb., And 90 Lb., Tanks, Sapphire® Fire Suppression Systems (Ansul 570085)	161.91	41.28
21 22 16 00-0042	EA	Tank Bracket Assembly For 140 Lb., 280 Lb., 390 Lb., And 450 Lb., Tanks, Sapphire® Fire Suppression Systems (Ansul 570085)	171.30	41.28
21 22 16 00-0043	EA	Tank Bracket Assembly For 850 Lb. Tanks, Sapphire® Fire Suppression Systems (Ansul 570336)	183.31	41.28
21 22 16 00-0044		**Check Valves, Sapphire® Fire Suppression Systems** *(21 22 16 00-0002)*		
21 22 16 00-0045	EA	1" Manifold Check Valve, Sapphire® Fire Suppression Systems (Ansul 570566)	442.49	43.82
21 22 16 00-0046	EA	2" Manifold Check Valve, Sapphire® Fire Suppression Systems (Ansul 570568)	621.09	75.19
21 22 16 00-0047		**Discharge Hose, Sapphire® Fire Suppression Systems** *(21 22 16 00-0002)*		
21 22 16 00-0048	EA	1" Flexible Discharge Hose, Sapphire® Fire Suppression Systems (Ansul 570539)	137.51	27.53
21 22 16 00-0049	EA	2" Flexible Discharge Hose, Sapphire® Fire Suppression Systems (Ansul 570538)	521.68	27.53
21 22 16 00-0050	EA	3" Flexible Discharge Hose, Sapphire® Fire Suppression Systems (Ansul 69990)	439.20	27.53
21 22 16 00-0051	EA	3" Discharge Hose And Check Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 69841)	1,919.62	110.09
21 22 16 00-0052		**Swivel Adaptors, Sapphire® Fire Suppression Systems** *(21 22 16 00-0002)*		
21 22 16 00-0053	EA	1" Single-Tank Swivel Adaptor, Sapphire® Fire Suppression Systems (Ansul 570557)	49.04	19.27
21 22 16 00-0054	EA	2" Single-Tank Swivel Adaptor, Sapphire® Fire Suppression Systems (Ansul 570558)	88.07	19.27
21 22 16 00-0055	EA	3" Flare To 3" Grooved, Single-Tank Swivel Adaptor, Sapphire® Fire Suppression Systems (Ansul 69471)	246.75	13.76
21 22 16 00-0056	EA	3" Flare To 3" NPT, Single-Tank Swivel Adaptor, Sapphire® Fire Suppression Systems (Ansul 69470)	318.58	13.76
21 22 16 00-0057		**Pressure Switches, Sapphire® Fire Suppression Systems** *(21 22 16 00-0002)*		
21 22 16 00-0058	EA	Cylinder Low Pressure Switch, Sapphire® Fire Suppression Systems (Ansul 570585)	179.51	55.05
21 22 16 00-0059	EA	Pressure Trip, Sapphire® Fire Suppression Systems (Ansul 5156)	182.99	23.12
21 22 16 00-0060	EA	Weather Proof, DPST Pressure Switch, Sapphire® Fire Suppression Systems (Ansul 46250)	561.15	96.33
21 22 16 00-0061		**Level Indicators, Sapphire® Fire Suppression Systems** *(21 22 16 00-0002)*		
21 22 16 00-0062	EA	Liquid Level Indicator For 280 Lb. Tanks, Sapphire® Fire Suppression Systems (Ansul 570277)	662.76	19.27
21 22 16 00-0063	EA	Liquid Level Indicator For 390 Lb. And 850 LB Tanks, Sapphire® Fire Suppression Systems (Ansul 570278)	694.10	19.27
21 22 16 00-0064	EA	Liquid Level Indicator For 450 Lb. Tanks, Sapphire® Fire Suppression Systems (Ansul 570589)	742.96	27.53
21 22 16 00-0065		**Inspection/Maintenance Devices, Sapphire® Fire Suppression Systems** *(21 22 16 00-0002)*		
21 22 16 00-0066	EA	Master Tank Pilot Port Male Adaptor, Sapphire® Fire Suppression Systems (Ansul 570342)	49.72	16.52
21 22 16 00-0067	EA	Cylinder Valve Pressure Gauge, Sapphire® Fire Suppression Systems (Ansul 570642)	62.43	19.27
21 22 16 00-0068	EA	Recharge Top Adaptor Assembly, Sapphire® Fire Suppression Systems (Ansul 570579)	207.10	82.57
21 22 16 00-0069	EA	1" Recharge Fill Adaptor Assembly, Sapphire® Fire Suppression Systems (Ansul 570576)	242.91	82.57
21 22 16 00-0070	EA	2" Recharge Fill Adaptor Assembly, Sapphire® Fire Suppression Systems (Ansul 570592)	272.66	82.57
21 22 16 00-0071	EA	3" Recharge Fill Adaptor Assembly, Sapphire® Fire Suppression Systems (Ansul 69891)	368.70	82.57
21 22 16 00-0072		**Replacement Parts, Sapphire® Fire Suppression Systems** *(21 22 16 00-0002)*		
21 22 16 00-0073	EA	O-Ring Kit, Sapphire® Fire Suppression Systems (Ansul 570559)	59.05	22.02
21 22 16 00-0074	EA	Recoil Cap, Sapphire® Fire Suppression Systems (Ansul 570553)	99.03	13.76
21 22 16 00-0075	EA	Burst Disc Assembly, Sapphire® Fire Suppression Systems (Ansul 570053)	132.83	27.53
21 22 16 00-0076	EA	Bonnet Assembly, Sapphire® Fire Suppression Systems (Ansul 570543)	347.54	110.09
21 22 16 00-0077	EA	Piston Assembly, Sapphire® Fire Suppression Systems (Ansul 570551)	530.21	110.09
21 22 16 00-0078	EA	1" Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570535)	1,811.05	110.09
21 22 16 00-0079		**Inergen® Fire Suppression System** *(21 22 16 00-0001)*		
21 22 16 00-0080		**Actuation Attachments, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0081	EA	Flexible Discharge Bend For CV90 And CV98 (200 Bar), Inergen® Fire Suppression System (Ansul 427082)	193.40	27.27
21 22 16 00-0082	EA	Metron Protractor Replacement Cartridges, Inergen® Fire Suppression System (Ansul 423958)	225.03	29.31
21 22 16 00-0083	EA	Electric Actuator, Lever, CV98, Inergen® Fire Suppression System (Ansul 423309)	402.58	53.04
21 22 16 00-0084	EA	Electric Actuator For CV90 Valve, Inergen® Fire Suppression System (Ansul 426876)	808.51	120.80
21 22 16 00-0085		**Check Valves, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0086	EA	2" Bronze Check Valve, Weld Neck Flange, Inergen® Fire Suppression System (Ansul 840794)	1,962.56	159.43
21 22 16 00-0087		**Components, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0088	EA	1/2" Manifold Relief Valve, Inergen® Fire Suppression System (Ansul 418378)	57.43	8.36
21 22 16 00-0089	EA	Pressure Operated Siren, Inergen® Fire Suppression System (Ansul 419700)	676.08	89.58
21 22 16 00-0090	EA	30 Second Pneumatic Time Delay, Inergen® Fire Suppression System (Ansul 54169)	2,104.51	280.29
21 22 16 00-0091	EA	60 Second Time Delay, Inergen® Fire Suppression System (Ansul 426170)	2,004.36	285.55
21 22 16 00-0092		**Cylinders, Inergen® Fire Suppression System** *(21 22 16 00-0079)* Note: Includes CV98 valve. Factory filled with Inergen agent.		
21 22 16 00-0093	EA	200 CF Cylinder, Standard Paint, Inergen® Fire Suppression System (Ansul 426147)	1,753.18	256.52

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0094	EA	250 CF Cylinder, Standard Paint, Inergen® Fire Suppression System (Ansul 426148)	1,988.78	290.64
21 22 16 00-0095	EA	350 CF Cylinder, Standard Paint, Inergen® Fire Suppression System (Ansul 426620)	2,848.88	376.63
21 22 16 00-0096	EA	435 CF Cylinder, Standard Paint, Inergen® Fire Suppression System (Ansul 426150)	2,848.09	460.23
21 22 16 00-0097	EA	250 CF Cylinder, Corrosion Resistant Paint, Inergen® Fire Suppression System (Ansul 426257)	2,055.36	324.06
21 22 16 00-0098	EA	350 CF Cylinder, Corrosion Resistant Paint, Inergen® Fire Suppression System (Ansul 426621)	2,915.95	410.18
21 22 16 00-0099	EA	435 CF Cylinder, Corrosion Resistant Paint, Inergen® Fire Suppression System (Ansul 426259)	3,004.26	494.56

21 22 16 00-0100 Inspection/Maintenance Devices, Inergen® Fire Suppression System *(21 22 16 00-0079)*

21 22 16 00-0101	EA	CV90 Fill Adaptor To CV98 Valve, Conversion Adapter, Inergen® Fire Suppression System (Ansul 423657)	66.20	9.33
21 22 16 00-0102	EA	CV98 To CV90 Conversion Adapter, Cylinder Test Gauge, Inergen® Fire Suppression System (Ansul 426181)	66.20	9.33
21 22 16 00-0103	EA	CV90 Pressure Test Assembly Venting Kit, Inergen® Fire Suppression System (Ansul 426954)	79.91	10.36
21 22 16 00-0104	EA	Pressure Test Gauge, Inergen® Fire Suppression System (Ansul 423923)	1,261.30	178.01

21 22 16 00-0105 Multiple Cylinder Bracketing, Inergen® Fire Suppression System *(21 22 16 00-0079)*

21 22 16 00-0106	EA	13" Carriage Bolt With Nut, Multiple Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 418502) Note: For single row 435 cubic foot cylinders.	21.27	2.73
21 22 16 00-0107	EA	27" Carriage Bolt With Nut, Multiple Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 418503) Note: For double row 435 cubic foot cylinders.	30.17	3.89

21 22 16 00-0108 Nameplates, Inergen® Fire Suppression System *(21 22 16 00-0079)*

21 22 16 00-0109	EA	Warning Plate, Nameplate, Inside Room With Alarm, Inergen® Fire Suppression System (Ansul 416265)	23.44	3.05
21 22 16 00-0110	EA	Warning Plate, Nameplate, Outside Room Without Alarm, Inergen® Fire Suppression System (Ansul 416266)	21.65	3.05

21 22 16 00-0111 Nozzle Deflector Shields, Inergen® Fire Suppression System *(21 22 16 00-0079)*

21 22 16 00-0112	EA	1/2" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417708)	94.13	13.14
21 22 16 00-0113	EA	3/4" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417711)	98.76	13.76
21 22 16 00-0114	EA	1" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417714)	114.77	15.89
21 22 16 00-0115	EA	1-1/4" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417717)	127.91	17.94
21 22 16 00-0116	EA	1-1/2" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417720)	146.72	20.63

21 22 16 00-0117 Nozzles, Inergen® Fire Suppression System *(21 22 16 00-0079)*

21 22 16 00-0118	EA	1/4" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417908)	144.15	20.33
21 22 16 00-0119	EA	3/8" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417723)	149.56	20.93
21 22 16 00-0120	EA	1/2" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417362)	137.96	19.38
21 22 16 00-0121	EA	3/4" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417363)	141.21	20.93
21 22 16 00-0122	EA	1" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417364)	164.02	23.02
21 22 16 00-0123	EA	1-1/4" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417365)	175.35	24.52
21 22 16 00-0124	EA	1-1/2" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417366)	188.76	26.31
21 22 16 00-0125	EA	2" NPT Nozzle, Inergen® Fire Suppression System (Ansul 426155)	324.89	46.04
21 22 16 00-0126	EA	2-1/2" NPT Nozzle, Inergen® Fire Suppression System (Ansul 426156)	429.58	60.40
21 22 16 00-0127	EA	3" NPT Nozzle, Inergen® Fire Suppression System (Ansul 426137)	468.27	66.38
21 22 16 00-0128	EA	1/4" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426138)	167.86	23.90
21 22 16 00-0129	EA	3/8" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426139)	198.02	27.99
21 22 16 00-0130	EA	1/2" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426140)	162.96	23.02
21 22 16 00-0131	EA	3/4" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426141)	174.08	24.40
21 22 16 00-0132	EA	1" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426142)	175.61	24.52
21 22 16 00-0133	EA	1-1/4" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426143)	211.98	29.78
21 22 16 00-0134	EA	1-1/2" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426157)	228.46	32.29
21 22 16 00-0135	EA	2" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426144)	350.69	49.55
21 22 16 00-0136	EA	2-1/2" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426145)	409.45	58.01
21 22 16 00-0137	EA	3" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426146)	448.65	63.38

21 22 16 00-0138 Pressure Reducers, Inergen® Fire Suppression System *(21 22 16 00-0079)*

21 22 16 00-0139	EA	1/2" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416677)	188.76	26.31
21 22 16 00-0140	EA	3/4" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416678)	231.57	32.77
21 22 16 00-0141	EA	1" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416679)	249.07	35.29
21 22 16 00-0142	EA	1-1/4" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416680)	350.69	49.55
21 22 16 00-0143	EA	1-1/2" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416681)	383.16	54.30
21 22 16 00-0144	EA	2" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416682)	450.19	63.38
21 22 16 00-0145	EA	2-1/2" NPT, Orifice Nipple, Pressure Reducer, Inergen® Fire Suppression System (Ansul 417057)	523.41	74.33
21 22 16 00-0146	EA	3" NPT, Orifice Nipple, Pressure Reducer, Inergen® Fire Suppression System (Ansul 417058)	618.79	87.91
21 22 16 00-0147	EA	2-1/2" NPT, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426823)	789.51	173.43
21 22 16 00-0148	EA	3" NPT, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426824)	1,017.54	203.33
21 22 16 00-0149	EA	4" NPT, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426825)	1,297.76	340.87
21 22 16 00-0150	EA	2-1/2" Slip-On, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426847)	769.67	173.43
21 22 16 00-0151	EA	3" Slip-On, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426848)	851.89	121.13
21 22 16 00-0152	EA	4" Slip-On, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426849)	1,297.76	340.87
21 22 16 00-0153	EA	2-1/2" Weld Neck, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426853)	786.37	173.43
21 22 16 00-0154	EA	3" Weld Neck, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426854)	885.41	125.88
21 22 16 00-0155	EA	4" Weld Neck, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426855)	1,272.70	340.87

21 22 16 00-0156 Pressure Switches, Inergen® Fire Suppression System *(21 22 16 00-0079)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0157	EA	3PST, Pressure Switch, Inergen® Fire Suppression System (Ansul 842344)	886.04	132.16
21 22 16 00-0158		**Releasing Device Equipment, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0159	EA	12 Or 24 Volt DC, Assembly, Automan II-C Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 17728)	1,453.65	205.03
21 22 16 00-0160	EA	24 Volt DC, Explosion Proof Automan II-C Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 31492)	2,070.44	273.21
21 22 16 00-0161	EA	120 Volt AC, Explosion Proof Automan II-C Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 32525)	2,195.81	277.92
21 22 16 00-0162	EA	Cocking Lever For Automan II-C Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 26310)	102.64	14.13
21 22 16 00-0163	EA	LT-30-R Nitrogen Cartridge, Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 5373)	122.58	18.72
21 22 16 00-0164	EA	Remote Actuator Booster With N2 Cartridge, Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 28939)	1,176.34	146.28
21 22 16 00-0165		**Replacement Orifice Plates, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0166	EA	1/2" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418095)	128.77	13.89
21 22 16 00-0167	EA	3/4" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418096)	134.96	14.62
21 22 16 00-0168	EA	1" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418097)	141.73	14.87
21 22 16 00-0169	EA	1-1/4" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418098)	152.13	15.37
21 22 16 00-0170	EA	1-1/2" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418099)	158.26	16.86
21 22 16 00-0171	EA	2" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418100)	158.92	18.22
21 22 16 00-0172	EA	2-1/2" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 426984)	348.08	48.84
21 22 16 00-0173	EA	3" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 426985)	351.19	49.34
21 22 16 00-0174	EA	4" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 426986)	450.19	63.22
21 22 16 00-0175		**Single Cylinder Bracketing, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0176	EA	Strap For 435 CF Cylinder, Single Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 427704)	164.02	23.02
21 22 16 00-0177	EA	Channel For 435 CF Cylinder, Single Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 427705) Note: Includes saddle, padding and fasteners.	223.58	52.63
21 22 16 00-0178		**Single Mating Flanges, Flanged Manifold Orifices, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0179	EA	2-1/2" Threaded, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426856) Note: Includes gasket and fasteners.	428.81	34.03
21 22 16 00-0180	EA	3" Threaded, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426857) Note: Includes gasket and fasteners.	359.45	50.81
21 22 16 00-0181	EA	4" Threaded, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426858) Note: Includes gasket and fasteners.	719.50	340.87
21 22 16 00-0182	EA	2-1/2" Slip-On, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426859) Note: Includes gasket and fasteners.	225.37	31.78
21 22 16 00-0183	EA	3" Slip-On, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426860) Note: Includes gasket and fasteners.	264.56	37.08
21 22 16 00-0184	EA	4" Slip-On, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426861) Note: Includes gasket and fasteners.	714.22	340.87
21 22 16 00-0185	EA	2-1/2" Weld Neck, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426862) Note: Includes gasket and fasteners.	234.62	33.28
21 22 16 00-0186	EA	3" Weld Neck, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426863) Note: Includes gasket and fasteners.	274.89	38.79
21 22 16 00-0187	EA	4" Weld Neck, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426864) Note: Includes gasket and fasteners.	740.32	340.87
21 22 16 00-0188	EA	2-1/2" Flange Gasket, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426828) Note: Includes a stainless steel inner ring and a carbon steel outer ring.	46.17	2.53
21 22 16 00-0189	EA	3" Flange Gasket, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426829) Note: Includes a stainless steel inner ring and a carbon steel outer ring.	46.67	2.78
21 22 16 00-0190	EA	4" Flange Gasket, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426830) Note: Includes a stainless steel inner ring and a carbon steel outer ring.	50.25	3.29
21 22 16 00-0191		**Upright And Feet, Cylinder Bracketing, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0192	EA	Center Upright Foot, Inergen® Fire Suppression System (Ansul 418508)	28.72	4.04
21 22 16 00-0193	EA	Double Row, Back-To-Back Rows, Weigh Rail Support, Inergen® Fire Suppression System (Ansul 423027)	236.39	30.75
21 22 16 00-0194	EA	85" High, Cylinder Bracketing For 425 CF And LC100 Cylinders, Inergen® Fire Suppression System (Ansul 426592) Note: Includes upright, left, right and center.	175.87	30.75
21 22 16 00-0195		**Autopulse® Fire Detection And Control Equipment** *(21 22 16 00-0001)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0196		**Accessory Switches, Autopulse® Fire Detection And Control Equipment** *(21 22 16 00-0195)*		
21 22 16 00-0197	EA	Abort, Flush Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76495)	185.09	26.53
21 22 16 00-0198	EA	Abort, Surface Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76494)	210.36	30.24
21 22 16 00-0199	EA	Main/Reserve, Flush Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76497)	267.56	38.43
21 22 16 00-0200	EA	Main/Reserve, Surface Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76496)	288.19	41.40
21 22 16 00-0201	EA	Maintenance, Flush Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76499)	360.86	52.07
21 22 16 00-0202	EA	Maintenance, Surface Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76498)	384.08	55.29
21 22 16 00-0203	EA	Explosion Proof, Abort Switch, Autopulse® Fire Detection And Control Equipment (Ansul 65956)	736.14	106.61
21 22 16 00-0204	EA	Single Gang, Surface Mount Back Box For Accessory Switches, Autopulse® Fire Detection And Control Equipment (Ansul 76490)	59.30	7.94
21 22 16 00-0205		**Alarm Devices, Autopulse® Fire Detection And Control Equipment** *(21 22 16 00-0195)*		
21 22 16 00-0206	EA	Selectable Candela Strobe, Alarm Devices, Autopulse® Fire Detection And Control Equipment (Ansul 429698)	160.33	23.06
21 22 16 00-0207	EA	Sync Module, Alarm Devices, Autopulse® Fire Detection And Control Equipment (Ansul 429699)	235.11	33.72
21 22 16 00-0208	EA	Back Box Extender Adapter, Alarm Devices, Autopulse® Fire Detection And Control Equipment (Ansul 429702)	21.44	3.07
21 22 16 00-0209		**Annunciators, Autopulse® Fire Detection And Control Equipment** *(21 22 16 00-0195)*		
21 22 16 00-0210	EA	80 Character LCD, Annunciator, LCD-80, Autopulse® Fire Detection And Control Equipment (Ansul 417492)	1,847.27	267.51
21 22 16 00-0211	EA	16 Zone Alarm/Trouble, Annunciator Control Module, ACM-16AT, Autopulse® Fire Detection And Control Equipment (Ansul 417496)	1,548.56	224.12
21 22 16 00-0212	EA	16 Zone Alarm/Trouble, Annunciator Expander Module, AEM-16AT, Autopulse® Fire Detection And Control Equipment (Ansul 417497)	1,202.13	174.04
21 22 16 00-0213	EA	32 Zone, Alarm Annunciator Expander Module, AEM-32A, Autopulse® Fire Detection And Control Equipment (Ansul 417500)	1,046.99	151.48
21 22 16 00-0214	EA	Annunciator Lamp Driver Control Module, LDM-32, Autopulse® Fire Detection And Control Equipment (Ansul 417501)	1,046.99	151.48
21 22 16 00-0215	EA	Annunciator Lamp Driver Expander Module, LDM-E32, Autopulse® Fire Detection And Control Equipment (Ansul 417502)	838.73	121.23
21 22 16 00-0216	EA	Annunciator Lamp Driver Relay Module, LDM-R32, Autopulse® Fire Detection And Control Equipment (Ansul 417650)	1,548.56	224.12
21 22 16 00-0217	EA	24", Annunciator Lamp Driver Cable, LDM-CBL24, Autopulse® Fire Detection And Control Equipment (Ansul 417651)	314.98	45.37
21 22 16 00-0218	EA	48", Annunciator Lamp Driver Cable, LDM-CBL48, Autopulse® Fire Detection And Control Equipment (Ansul 417652)	394.88	57.02
21 22 16 00-0219	EA	8 Relay, Annunciator Control Module, ACM-8R, Autopulse® Fire Detection And Control Equipment (Ansul 417653)	791.82	114.54
21 22 16 00-0220	EA	Key Switch, AKS-1 Annunciator Accessory, Autopulse® Fire Detection And Control Equipment (Ansul 417660)	133.79	19.21
21 22 16 00-0221	EA	Low Profile Annunciator Chassis, CHS-4L, Autopulse® Fire Detection And Control Equipment (Ansul 418576) Note: For up to 4 LDM modules.	181.95	26.53
21 22 16 00-0222	EA	Flush, Single Annunciator Back Box, ABF-1, Autopulse® Fire Detection And Control Equipment (Ansul 417657)	315.00	45.37
21 22 16 00-0223		**Autopulse IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment** *(21 22 16 00-0195)*		
21 22 16 00-0224	EA	CHS-4 Chassis, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 419586)	244.73	36.94
21 22 16 00-0225	EA	REL 47K, In Line Supervisory Device, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 419639)	15.13	2.53
21 22 16 00-0226	EA	REL 4.7K, In Line Supervisory Device, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 419640)	106.42	3.07
21 22 16 00-0227	EA	REL 2.2K, In Line Supervisory Device, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 407765)	16.33	3.07
21 22 16 00-0228		**Autopulse IQ-396X Modules, Autopulse® Fire Detection And Control Equipment** *(21 22 16 00-0195)*		
21 22 16 00-0229	EA	Indicating Circuit Expander, IQ-396X Modules, ICE-4, Autopulse® Fire Detection And Control Equipment (Ansul 419564)	544.02	82.80
21 22 16 00-0230	EA	Control Relay Expander, IQ-396X Modules, CRE-4, Autopulse® Fire Detection And Control Equipment (Ansul 419566)	326.14	49.34
21 22 16 00-0231		**Batteries And Power Supplies, Autopulse® Fire Detection And Control Equipment** *(21 22 16 00-0195)*		
21 22 16 00-0232	EA	7 Ampere Hours, 24 Volt DC, Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417692)	240.56	31.73
21 22 16 00-0233	EA	12 Ampere Hours, 24 Volt DC, Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417693)	503.04	67.19
21 22 16 00-0234	EA	18 Ampere Hours, 24 Volt DC, Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417694)	567.68	76.11
21 22 16 00-0235	EA	25 Ampere Hours, 24 Volt DC, Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417695)	742.17	92.72
21 22 16 00-0236	EA	55 Ampere Hours, 24 Volt DC, Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417997)	1,196.15	160.90
21 22 16 00-0237	EA	BB-17, Red Battery Box, Autopulse® Fire Detection And Control Equipment (Ansul 418578)	178.91	25.54
21 22 16 00-0238	EA	BB-25, Grey Cabinet, Autopulse® Fire Detection And Control Equipment (Ansul 428079) Note: Holds six XP5 modules or 25AH battery pack.	319.63	46.11
21 22 16 00-0239	EA	BB-55, Red Battery Box, Autopulse® Fire Detection And Control Equipment (Ansul 419410) Note: For mounting in BB-55 battery box.	650.06	93.96
21 22 16 00-0240	EA	Battery Charger, CHG-120, Autopulse® Fire Detection And Control Equipment (Ansul 426207) Note: For mounting in BB-55 battery box.	1,889.80	273.71
21 22 16 00-0241	EA	120 Volt AC, FCPS-24F, Red Remote Power Supply, Autopulse® Fire Detection And Control Equipment (Ansul 418563)	1,382.04	200.07

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0242		Intelligent Addressable Devices, Autopulse® Fire Detection And Control Equipment *(21 22 16 00-0195)*		
21 22 16 00-0243	EA	Monitor Module, Intelligent Addressable Devices, FMM-1, Autopulse® Fire Detection And Control Equipment (Ansul 428097)	145.62	21.20
21 22 16 00-0244	EA	Mini Monitor Module, Intelligent Addressable Devices, FMM-101, Autopulse® Fire Detection And Control Equipment (Ansul 428098)	135.98	21.08
21 22 16 00-0245	EA	Isolator Module, Intelligent Addressable Devices, ISO-X, Autopulse® Fire Detection And Control Equipment (Ansul 417480)	184.25	30.24
21 22 16 00-0246	EA	2-Wire Detector Monitor Module, Intelligent Addressable Devices, FZM-1, Autopulse® Fire Detection And Control Equipment (Ansul 428100)	273.75	39.42
21 22 16 00-0247	EA	NAC Control Module, Intelligent Addressable Devices, FCM-1, Autopulse® Fire Detection And Control Equipment (Ansul 428101)	212.80	31.98
21 22 16 00-0248	EA	Control Relay Module, Intelligent Addressable Devices, FRM-1, Autopulse® Fire Detection And Control Equipment (Ansul 428102)	199.86	30.75
21 22 16 00-0249	EA	Flangeless, Analog Addressable Detector Base, Intelligent Addressable Devices, B501, Autopulse® Fire Detection And Control Equipment (Ansul 417487)	31.84	4.90
21 22 16 00-0250	EA	Analog Addressable Detector Base With Isolator, Intelligent Addressable Devices, B224BI, Autopulse® Fire Detection And Control Equipment (Ansul 426125)	117.50	17.35
21 22 16 00-0251	EA	Harsh Detector, Analog Addressable Detector Base, Intelligent Addressable Devices, B710HD, Autopulse® Fire Detection And Control Equipment (Ansul 427066)	117.55	16.86
21 22 16 00-0252	EA	HPX-751 Detector Filter Cover, Intelligent Addressable Devices, FR-FTX, Autopulse® Fire Detection And Control Equipment (Ansul 427067)	41.51	13.89
21 22 16 00-0253	EA	Low Profile Trim Ring, Intelligent Addressable Devices, F110, Autopulse® Fire Detection And Control Equipment (Ansul 428138) Note: Converts BX501 to low profile base.	10.81	1.54
21 22 16 00-0254	EA	Relay Base, Intelligent Addressable Devices, B224RB, Autopulse® Fire Detection And Control Equipment (Ansul 423945)	113.15	16.23
21 22 16 00-0255	EA	EOL Power Supervision Relay, Intelligent Addressable Devices, Autopulse® Fire Detection And Control Equipment (Ansul 417699)	66.29	9.57
21 22 16 00-0256	EA	XP5 Modules Cabinet, Intelligent Addressable Devices, BB-XP, Autopulse® Fire Detection And Control Equipment (Ansul 428078)	179.45	25.29
21 22 16 00-0257	EA	BB-25 Chassis, Intelligent Addressable Devices, CHS-6, Autopulse® Fire Detection And Control Equipment (Ansul 428080)	93.84	13.38
21 22 16 00-0258		Manual Pull Stations, Autopulse® Fire Detection And Control Equipment *(21 22 16 00-0195)*		
21 22 16 00-0259	EA	Break Rod Package For Manual Pull Stations, Autopulse® Fire Detection And Control Equipment (Ansul 428661)	27.02	3.60
21 22 16 00-0260	EA	Key Pull Station For Manual Pull Stations, Autopulse® Fire Detection And Control Equipment (Ansul 418336)	16.77	1.98
21 22 16 00-0261		Transmitter/Relay Modules, Autopulse® Fire Detection And Control Equipment *(21 22 16 00-0195)*		
21 22 16 00-0262	EA	Transmitter Module, 4XTM, Autopulse® Fire Detection And Control Equipment (Ansul 417470) Note: Includes municipal box and remote station connection.	235.11	33.72
21 22 16 00-0263	EA	Relay/Transmitter Module With 8 Form C Relay Contacts, RTM-8, Autopulse® Fire Detection And Control Equipment (Ansul 417471)	707.21	96.94
21 22 16 00-0264	EA	Universal Digital Alarm COM/XMTR Module, UDACT, Autopulse® Fire Detection And Control Equipment (Ansul 419411)	1,349.58	195.36
21 22 16 00-0265	EA	Ferrite Core For Transmitter/Relay Modules, Autopulse® Fire Detection And Control Equipment (Ansul 419635)	36.00	5.06
21 22 16 00-0266		Vesda® Aspirating Smoke Detection System *(21 22 16 00-0001)*		
21 22 16 00-0267		Batteries And Power Supplies, Vesda® Aspirating Smoke Detection System *(21 22 16 00-0266)*		
21 22 16 00-0268	EA	Transformer Only, VSP-TRAN-120, Vesda® Aspirating Smoke Detection System (Ansul 430482)	183.07	23.80
21 22 16 00-0269	EA	Battery Cabinet, VBC-001, Vesda® Aspirating Smoke Detection System (Ansul 430379)	399.44	35.88
21 22 16 00-0270	EA	120 Volt AC, Single Zone Power Supply With Housing, VPS-100US-120, Vesda® Aspirating Smoke Detection System (Ansul 430374)	1,017.82	138.83
21 22 16 00-0271	EA	220 Volt AC, Single Zone Power Supply With Housing, VPS-100US-220, Vesda® Aspirating Smoke Detection System (Ansul 430375)	1,017.82	138.83
21 22 16 00-0272	EA	120 Volt AC, Multi Zone Power Supply, VPS-300US-120, Vesda® Aspirating Smoke Detection System (Ansul 430376) Note: Includes housing and battery cab.	1,529.29	208.25
21 22 16 00-0273	EA	220 Volt AC, Multi Zone Power Supply, VPS-300US-220, Vesda® Aspirating Smoke Detection System (Ansul 430377) Note: Includes housing and battery cab.	1,529.29	208.25
21 22 16 00-0274	EA	48 Volt DC, Multi Zone Power Supply With Housing, VPS-400US-48, Vesda® Aspirating Smoke Detection System (Ansul 430378)	2,236.43	265.28
21 22 16 00-0275		Blank Plates, Vesda® Aspirating Smoke Detection System *(21 22 16 00-0266)*		
21 22 16 00-0276	EA	Blank Plate Without VESDA Logo, VSP-300, Vesda® Aspirating Smoke Detection System (Ansul 430459)	32.83	4.46
21 22 16 00-0277	EA	Blank Plate With VESDA Logo, VSP-000, Vesda® Aspirating Smoke Detection System (Ansul 430458)	49.64	4.46
21 22 16 00-0278	EA	Blank Plate, EMC Painted Without Logo, VSP-200, Vesda® Aspirating Smoke Detection System (Ansul 430484)	71.93	8.43
21 22 16 00-0279	EA	Single Blank Plate, VRE-001, Vesda® Aspirating Smoke Detection System (Ansul 430446)	112.26	9.43
21 22 16 00-0280	EA	Double Blank Plate, VRE-002, Vesda® Aspirating Smoke Detection System (Ansul 430447)	140.73	18.84
21 22 16 00-0281	EA	Blank Plate Without FOK LED's And Logo, VSP-100, Vesda® Aspirating Smoke Detection System (Ansul 430480)	261.37	23.80

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0282		**Detectors, Vesda® Aspirating Smoke Detection System** *(21 22 16 00-0266)*		
21 22 16 00-0283	EA	LaserPLUS, Detector Only, Enclosure, VLP-000, Vesda® Aspirating Smoke Detection System (Ansul 430350) Note: Includes 3 blank plates.	7,679.71	1,165.23
21 22 16 00-0284	EA	LaserPLUS Detector, VLP-012, Vesda® Aspirating Smoke Detection System (Ansul 430354) Note: Includes centrally mounted LCD programmer module and standard display.	9,801.43	1,437.94
21 22 16 00-0285	EA	LaserPLUS Detector, VLP-010, Vesda® Aspirating Smoke Detection System (Ansul 430356) Note: Includes centrally mounted LCD programmer.	8,861.87	1,313.98
21 22 16 00-0286	EA	7-Relay Version, LaserSCANNER Detector Only, VLS-200, Vesda® Aspirating Smoke Detection System (Ansul 430357)	12,327.82	1,735.45
21 22 16 00-0287	EA	12-Relay Version, LaserSCANNER Detector Only, VLS-300, Vesda® Aspirating Smoke Detection System (Ansul 430358)	12,978.67	1,834.62
21 22 16 00-0288	EA	7-Relay Version, LaserSCANNER Detector Only, VLS-600, Vesda® Aspirating Smoke Detection System (Ansul 430359) Note: Includes 1 fire alarm (any SCT) and OK/FOK LEDs.	12,463.12	1,760.24
21 22 16 00-0289	EA	12-Relay Version, LaserSCANNER Detector Only, VLS-700, Vesda® Aspirating Smoke Detection System (Ansul 430360) Note: Includes 1 fire alarm (any SCT) and OK/FOK LED.	13,162.56	1,859.41
21 22 16 00-0290	EA	7-Relay, LaserSCANNER Detector Only, VLS-204, Vesda® Aspirating Smoke Detection System (Ansul 430361) Note: Includes 2 blank plates and scan display module at far right.	13,537.40	1,933.79
21 22 16 00-0291	EA	12-Relay, LaserSCANNER Detector, VLS-304, Vesda® Aspirating Smoke Detection System (Ansul 430363) Note: Includes 2 blank plates and scanner display.	14,123.88	2,032.96
21 22 16 00-0292	EA	7-Relay, LaserSCANNER Detector, VLS-214, Vesda® Aspirating Smoke Detection System (Ansul 430365) Note: Includes centrally mounted programmer module.	14,845.74	2,132.12
21 22 16 00-0293	EA	12-Relay, LaserSCANNER Detector, VLS-314, Vesda® Aspirating Smoke Detection System (Ansul 430367) Note: Includes centrally mounted LCD programmer module and scanner display module.	15,479.20	2,231.29
21 22 16 00-0294	EA	12-Relay, LaserSCANNER Detector, VLS-310, Vesda® Aspirating Smoke Detection System (Ansul 430369) Note: Includes centrally mounted LCD programmer.	14,551.19	2,032.96
21 22 16 00-0295		**Displays, Vesda® Aspirating Smoke Detection System** *(21 22 16 00-0266)*		
21 22 16 00-0296	EA	VRT-200 Display, Standard Version, Vesda® Aspirating Smoke Detection System (Ansul 430381) Note: Includes a remote termination card and 7 relays.	2,340.93	272.71
21 22 16 00-0297	EA	VRT-400 Display, Scanner Version, Vesda® Aspirating Smoke Detection System (Ansul 430385) Note: Includes a remote termination card and 7 relays.	2,352.42	272.71
21 22 16 00-0298	EA	VRT-600 Display, Standard Version, Vesda® Aspirating Smoke Detection System (Ansul 430383) Note: Includes a remote termination card without relays.	2,119.95	247.92
21 22 16 00-0299	EA	VRT-700 Display, Scanner Version, Vesda® Aspirating Smoke Detection System (Ansul 430387) Note: Includes a remote termination card.	2,133.30	247.92
21 22 16 00-0300	EA	VRT-800 Display, Scanner Version, Vesda® Aspirating Smoke Detection System (Ansul 430389) Note: Includes a remote termination card and 12 relays.	2,637.39	297.51
21 22 16 00-0301	EA	VRT-K00 Display, Compact Version Without Relays, Vesda® Aspirating Smoke Detection System (Ansul 430391)	2,240.97	257.84
21 22 16 00-0302	EA	VRT-J00 Display, Compact Version With 7 Relays, Vesda® Aspirating Smoke Detection System (Ansul 430393)	2,452.66	289.57
21 22 16 00-0303		**Intelligent Addressable Devices, Vesda® Aspirating Smoke Detection System** *(21 22 16 00-0266)*		
21 22 16 00-0304	EA	LaserCOMPACT (VN), VESDAnet Version Plus Relay Output, VLC-505, Vesda® Aspirating Smoke Detection System (Ansul 430370)	5,879.54	818.14
21 22 16 00-0305	EA	LaserCOMPACT (RO), Relay Only Version, VLC-500, Vesda® Aspirating Smoke Detection System (Ansul 430372)	4,843.27	654.51
21 22 16 00-0306	EA	Programmer With Remote Termination Card, VRT-100, Vesda® Aspirating Smoke Detection System (Ansul 430380)	1,711.53	247.92
21 22 16 00-0307	EA	VESDAnet Socket, VRT-300, Vesda® Aspirating Smoke Detection System (Ansul 430395)	1,233.07	161.15
21 22 16 00-0308	EA	System Relay Module, VRT-S07, Vesda® Aspirating Smoke Detection System (Ansul 430399)	1,718.35	217.18
21 22 16 00-0309	EA	PC-Link High-Level Interface, VHX-0200, Vesda® Aspirating Smoke Detection System (Ansul 430442) Note: Interface connects PC and LaserPLUS system.	2,465.17	267.76
21 22 16 00-0310	EA	Modem Cable, PC-HLI To Modem Connection, VHX-00090, Vesda® Aspirating Smoke Detection System (Ansul 430443)	324.17	40.16
21 22 16 00-0311	EA	Hand-Held Programmer, VHH-1000, Vesda® Aspirating Smoke Detection System (Ansul 430444)	2,168.78	247.92
21 22 16 00-0312	EA	Programmer Module, VSP-001, Vesda® Aspirating Smoke Detection System (Ansul 430460)	1,547.58	205.77
21 22 16 00-0313	EA	VESDAnet Socket Kit, VSP-003, Vesda® Aspirating Smoke Detection System (Ansul 430463)	1,215.60	158.67
21 22 16 00-0314	EA	Standard Display Module, VSP-002, Vesda® Aspirating Smoke Detection System (Ansul 430461)	1,550.09	205.77
21 22 16 00-0315	EA	Scanner Display Module, VSP-004, Vesda® Aspirating Smoke Detection System (Ansul 430464)	1,547.58	205.77
21 22 16 00-0316	EA	Remote Display Module, Compact (VN), VSP-502, Vesda® Aspirating Smoke Detection System (Ansul 430487)	1,530.76	193.38
21 22 16 00-0317	EA	Filter Cartridge, VSP-005, Vesda® Aspirating Smoke Detection System (Ansul 430466)	182.41	17.35
21 22 16 00-0318	EA	Detector Chassis Assembly, VSP-006, Vesda® Aspirating Smoke Detection System (Ansul 430467)	7,395.20	952.02
21 22 16 00-0319	EA	Scanner Chassis Assembly, VSP-009, Vesda® Aspirating Smoke Detection System (Ansul 430470)	12,885.81	1,666.03
21 22 16 00-0320	EA	Aspirator For LaserPLUS And Laser Scanner, VSP-015, Vesda® Aspirating Smoke Detection System (Ansul 430475)	1,007.26	123.96
21 22 16 00-0321	EA	Filter Cover, VSP-019, Vesda® Aspirating Smoke Detection System (Ansul 430477)	22.95	2.48
21 22 16 00-0322	EA	Cover Screws, 17606, Vesda® Aspirating Smoke Detection System (Ansul 430478)	12.99	0.49
21 22 16 00-0323	EA	US Power Supply Circuit Board Only, VSP-100, Vesda® Aspirating Smoke Detection System (Ansul 430481)	554.73	71.89
21 22 16 00-0324	EA	Relay Processor Module (DRP), VSP-102, Vesda® Aspirating Smoke Detection System (Ansul 430483)	672.04	87.27
21 22 16 00-0325	EA	Aspirator, LaserCOMPACT, VSP-501, Vesda® Aspirating Smoke Detection System (Ansul 430486)	970.11	126.44
21 22 16 00-0326	EA	RO-Cable For LaserCOMPACT Relay Only, (RO) Version, VSP-509, Vesda® Aspirating Smoke Detection System (Ansul 430488)	142.93	18.84
21 22 16 00-0327	EA	Miniature Sampling Point, E700-SP, Vesda® Aspirating Smoke Detection System (Ansul 430502)	22.27	3.97
21 22 16 00-0328		**Labels And Decals, Vesda® Aspirating Smoke Detection System** *(21 22 16 00-0266)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0329	EA	Sampling Point Labels, Roll Of 35, E700-SP-DCL-PIPE, Vesda® Aspirating Smoke Detection System (Ansul 430509)	20.26	2.97
21 22 16 00-0330	EA	Round Point Label, Roll Of 50, E700-SP-DCL-PNT, Vesda® Aspirating Smoke Detection System (Ansul 430505)	21.27	3.47
21 22 16 00-0331	EA	Red, Round, Miniature Sampling Point Label, Sheet Of 12, E700-SPLR, Vesda® Aspirating Smoke Detection System (Ansul 430506)	32.83	4.46
21 22 16 00-0332	EA	Grey, Round, Miniature Sampling Point Label, Sheet Of 12, E700-SPLG, Vesda® Aspirating Smoke Detection System (Ansul 430507)	32.88	4.46
21 22 16 00-0333	EA	Sampling Point Decal, Wrap-Around Style, Roll Of 200, E700-SP-DCL, Vesda® Aspirating Smoke Detection System (Ansul 430508)	119.13	16.86
21 22 16 00-0334		**Mounting Hardware, Vesda® Aspirating Smoke Detection System** *(21 22 16 00-0266)*		
21 22 16 00-0335	EA	Remote Mounting Single Box With Escutcheon Only, VKT-000, Vesda® Aspirating Smoke Detection System (Ansul 430456)	294.47	35.70
21 22 16 00-0336	EA	Recessed Mounting Kit For Remote Single Boxes, VSP-012, Vesda® Aspirating Smoke Detection System (Ansul 430472)	396.77	47.60
21 22 16 00-0337	EA	Recessed Mounting Kit For VLP Or VLS Detector, VSP-011, Vesda® Aspirating Smoke Detection System (Ansul 430471)	405.79	52.07
21 22 16 00-0338	EA	Remote 19 Sub Rack With 4 Blank Plates, VSR-0000, Vesda® Aspirating Smoke Detection System (Ansul 430457)	989.28	74.37
21 22 16 00-0339	EA	Sub Rack Enclosure, VRE-100, Vesda® Aspirating Smoke Detection System (Ansul 430445)	1,453.67	163.63
21 22 16 00-0340		**Pipe And Fittings, Vesda® Aspirating Smoke Detection System** *(21 22 16 00-0266)*		
21 22 16 00-0341	LF	3/4", Orange Chlorinated Polyvinyl Chloride (CPVC) Pipe, Vesda® Aspirating Smoke Detection System (Ansul 430491)	6.30	1.90
21 22 16 00-0342	EA	3/4", End Cap, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430497)	10.79	3.80
21 22 16 00-0343	EA	3/4", 45 Degree Elbow, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430494)	29.77	11.40
21 22 16 00-0344	EA	3/4", 90 Degree Elbow, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430493)	30.71	11.40
21 22 16 00-0345	EA	3/4", Coupling, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430495)	21.15	7.60
21 22 16 00-0346	EA	3/4", Union, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430496)	33.99	11.40
21 22 16 00-0347	EA	3/4", Tee, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430498)	45.71	17.10
21 22 16 00-0348	EA	3/4" x 1/2" FPT, Tee, Chlorinated Polyvinyl Chloride (CPVC), Vesda® Aspirating Smoke Detection System (Ansul 430499)	57.03	20.07
21 22 16 00-0349	LF	1/2" OD x 3/8" ID, Black Polyethylene Tubing, Vesda® Aspirating Smoke Detection System (Ansul 430500)	5.28	1.79
21 22 16 00-0350	EA	Pipe Adapters, Metric-To-Imperial, VSP-021, Vesda® Aspirating Smoke Detection System (Ansul 430479)	21.17	5.46
21 22 16 00-0351	EA	Capillary Kit, 1 Male 1/2" TH x 1/2" OD, 1 Female 1/2" OD, Plastic, E700-CAP KIT, Vesda® Aspirating Smoke Detection System (Ansul 430503)	25.95	3.97
21 22 16 00-0352	EA	Capillary Kit, 1 Male 1/2" TH x 1/2" OD, 1 Female 1/2" OD, Brass, Vesda® Aspirating Smoke Detection System (Ansul 430504)	37.22	5.46
21 22 16 00-0353		**Remote Termination And Relay Cards, Vesda® Aspirating Smoke Detection System** *(21 22 16 00-0266)*		
21 22 16 00-0354	EA	VRT-500, Remote Termination And Relay Proc Card With Blank Plates, Vesda® Aspirating Smoke Detection System (Ansul 430396) Note: Remote box includes 7 relays for VLP/VLC.	1,700.61	190.41
21 22 16 00-0355	EA	VN, Compact Termination Card, VSP-515, Vesda® Aspirating Smoke Detection System (Ansul 430490)	1,732.57	219.17
21 22 16 00-0356	EA	12-Relay, Remote Termination Card, VSP-208, Vesda® Aspirating Smoke Detection System (Ansul 430485)	1,048.66	133.88
21 22 16 00-0357	EA	RO, Compact Termination Card, VSP-510, Vesda® Aspirating Smoke Detection System (Ansul 430489)	1,198.29	151.23
21 22 16 00-0358	EA	VRT-501, Remote Termination And Relay Proc Card With Blank Plates, Vesda® Aspirating Smoke Detection System (Ansul 430397) Note: Remote box includes 7 relays for VLS.	1,700.61	190.41
21 22 16 00-0359	EA	VRT-900 Remote Termination And Relay Proc Card With Blank Plates, Vesda® Aspirating Smoke Detection System (Ansul 430398) Note: Remote box includes 12 relays for VLS.	2,052.56	219.17
21 22 16 00-0360	EA	Remote Termination Card Without Relay, VSP-007, Vesda® Aspirating Smoke Detection System (Ansul 430468)	582.06	67.43
21 22 16 00-0361	EA	Remote Termination Card (RTC7), VSP-008, Vesda® Aspirating Smoke Detection System (Ansul 430469)	875.41	103.13
21 22 16 00-0362	EA	7-Relay, Head Termination Card, VSP-014, Vesda® Aspirating Smoke Detection System (Ansul 430474)	1,648.07	213.22
21 22 16 00-0363	EA	12-Relay, Head Termination Card, VSP-016, Vesda® Aspirating Smoke Detection System (Ansul 430476)	2,417.76	312.38
21 22 16 00-0364		**Preferred® Low Pressure CO2 System** *(21 22 16 00-0001)*		
21 22 16 00-0365		**Manual Pull Stations, Preferred® Low Pressure CO2 System** *(21 22 16 00-0364)*		
21 22 16 00-0366	EA	Addressable, DPST, Dual Action Pull Station, Preferred® Low Pressure CO2 System (Ansul 428658) Note: Excludes FMM-101.	130.50	17.35
21 22 16 00-0367	EA	Weatherproof Back Box For Manual Pull Stations, Preferred® Low Pressure CO2 System (Ansul 428659)	97.63	12.89
21 22 16 00-0368		**Industrial Fire Control System** *(21 22 16 00-0001)*		
21 22 16 00-0369		**Alarm Devices, Industrial Fire Control System** *(21 22 16 00-0368)*		
21 22 16 00-0370	EA	Explosion Proof Alarm Horn, Alarm Devices, Industrial Fire Control System (Ansul 65947)	3,157.39	457.42
21 22 16 00-0371	EA	6", 115 Volt AC Alarm Bell For Release Systems, Alarm Devices, Industrial Fire Control System (Ansul 24751)	96.70	10.51
21 22 16 00-0372	EA	24 Volt AC, Multitone Horn, Alarm Devices, Industrial Fire Control System (Ansul 429697)	95.39	13.64

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0373	EA	Weatherproof Surface Back Box For Horn And Strobe, Alarm Devices, Industrial Fire Control System (Ansul 429700)	56.81	8.18
21 22 16 00-0374	EA	Semi-Flush Plate, Alarm Devices, Industrial Fire Control System (Ansul 429701)	23.22	3.32
21 22 16 00-0375		**Manual Pull Stations, Industrial Fire Control System** *(21 22 16 00-0368)*		
21 22 16 00-0376	EA	SPST, Dual Action Pull Station, Industrial Fire Control System (Ansul 428655)	107.84	14.38
21 22 16 00-0377	EA	DPST, Dual Action Pull Station, Industrial Fire Control System (Ansul 428656)	152.04	20.33
21 22 16 00-0378	EA	Explosion Proof, DPDT, Dual Action Pull Station, Industrial Fire Control System (Ansul 428657)	1,186.99	159.66
21 22 16 00-0379	EA	Surface Mounted Back Box For Manual Pull Stations, Industrial Fire Control System (Ansul 428660)	34.51	4.61
21 22 16 00-0380	EA	Extra Pull Station Labels For Manual Pull Stations, Industrial Fire Control System (Ansul 428654)	15.48	2.05
21 22 16 00-0381		**Marine Fire Control System** *(21 22 16 00-0001)*		
21 22 16 00-0382		**Alarm Devices, Marine Fire Control System** *(21 22 16 00-0381)*		
21 22 16 00-0383	EA	Weatherproof Surface Mount Back Box For Alarm Accessories, Alarm Devices, Marine Fire Control System (Ansul 24747)	62.55	8.33
21 22 16 00-0384	EA	6", 24 Volt DC, Alarm Bell, Alarm Devices, Marine Fire Control System (Ansul 417805)	115.23	16.11
21 22 16 00-0385	EA	10", 24 Volt DC, Alarm Bell, Alarm Devices, Marine Fire Control System (Ansul 417806)	115.23	16.11
21 22 16 00-0386		**FM200 System Equipment** *(21 22 16)*		
21 22 16 00-0387	EA	26 Lb. Cylinder, Filled, For FM200 Fire Protection system	3,731.02	119.60
21 22 16 00-0388	EA	44 Lb. Cylinder, Filled, For FM200 Fire Protection system	5,352.86	136.94
21 22 16 00-0389	EA	63 Lb. Cylinder, Filled, For FM200 Fire Protection system	6,354.21	161.46
21 22 16 00-0390	EA	101 Lb. Cylinder, Filled, For FM200 Fire Protection system	8,424.45	191.36
21 22 16 00-0391	EA	196 Lb. Cylinder, Filled, For FM200 Fire Protection system	13,175.91	239.21
21 22 16 00-0392	EA	Electro/Mechanical Release, For FM200 Fire Protection system	795.85	239.21
21 22 16 00-0393	EA	Manual Pull Station, For FM200 Fire Protection system	278.09	79.54
21 22 16 00-0394	EA	Pneumatic Damper Release, For FM200 Fire Protection system	344.45	59.80
21 22 16 00-0395	LB	FM200 Gas	28.90	
21 22 16 00-0396	EA	Master Cylinder, For FM200 Fire Protection system	6,104.80	64.34
21 22 16 00-0397	EA	Shuttle Check Valve, For FM200 Fire Protection system	866.66	89.94
21 22 16 00-0398	EA	Flex Head Cylinder, For FM200 Fire Protection system	862.80	96.40
21 22 16 00-0399	EA	Nozzles, For FM200 Fire Protection system	213.68	34.09
21 22 16 00-0400	EA	Cylinder Support, For FM200 Fire Protection system	247.32	64.34
21 22 16 00-0401	EA	Solenoid Valve, For FM200 Fire Protection system	1,121.43	96.40
21 22 16 00-0402	EA	Battery Back-Up, For FM200 Fire Protection system	822.27	254.27
21 22 16 00-0403	EA	Control Panel, Single Zone, For FM200 Fire Protection system	4,394.20	477.69
21 22 16 00-0404	EA	Control Panel, Multi Zone, For FM200 Fire Protection system	7,097.84	956.46
21 22 16 00-0405	EA	Smoke Or Heat Detector, For FM200 Fire Protection system	345.91	96.40
21 22 16 00-0406	EA	Annunciator, For FM200 Fire Protection system	3,561.67	362.04
21 22 16 00-0407	EA	Pressure Switch, For FM200 Fire Protection system	376.42	96.40
21 22 16 00-0408	EA	Alarm Horn, For FM200 Fire Protection system	342.97	96.40
21 22 16 00-0409	EA	Testing, For FM200 Fire Protection system	1,599.93	
21 22 16 00-0410	EA	Abort Switch, For FM200 Fire Protection system	239.77	44.85

21 23 Wet-Chemical Fire-Extinguishing Systems *(21 20)*

21 23 16 Wet-Chemical Fire-Extinguishing Equipment *(21 23)*

21 23 16 00-0001 Kidde Fire Systems *(21 23 16)*
Note: Kidde or equal.

21 23 16 00-0002 Cylinders And Hardware *(21 23 16 00-0001)*

21 23 16 00-0003	EA	125 Cylinder And Valve Assembly With 1.25 Gallon of Wet Agent	1,029.52	99.08
21 23 16 00-0004	EA	260 Cylinder And Valve Assembly With 2.6 Gallon Of Wet Agent	1,181.36	123.41
21 23 16 00-0005	EA	400S And M Cylinder And Valve Assembly With 4 Gallon Of Wet Agent	1,447.43	152.26
21 23 16 00-0006	EA	600 And L Cylinder And Valve Assembly With 6 Gallon Of Wet Agent	1,709.09	180.66
21 23 16 00-0007	EA	Discharge Adapter Kit (One Required Per Cylinder)	57.77	5.18
21 23 16 00-0008	EA	System Valve Actuator	207.17	20.59
21 23 16 00-0009	EA	Vent Plug	38.82	4.18
21 23 16 00-0010	EA	Gauge Shield	96.71	11.01
21 23 16 00-0011	EA	125 Cylinder Wall Mounting Bracket	106.71	11.01
21 23 16 00-0012	EA	260 Cylinder Wall Mounting Bracket	113.11	11.67
21 23 16 00-0013	EA	400S And M Cylinder Wall Mounting Bracket	215.03	22.02
21 23 16 00-0014	EA	600 And 400M Cylinder Shelf Bracket	210.81	24.99
21 23 16 00-0015	EA	600 And 400M Cylinder Floor Mounting Kit	286.96	25.05
21 23 16 00-0016	EA	125 And 260 Cylinder Replacement Bracket Strap	38.75	
21 23 16 00-0017	EA	400 And 600 Cylinder Replacement Bracket Strap	40.88	
21 23 16 00-0018		**Nozzles And Accessories** *(21 23 16 00-0001)*		
21 23 16 00-0019	EA	ADP, F, GRW Or R Nozzle	95.66	10.13
21 23 16 00-0020	EA	LPF Or DM Nozzle	104.13	10.13
21 23 16 00-0021	EA	LPR Nozzle	121.57	10.13
21 23 16 00-0022	EA	3/8" Swivel Adapter For Nozzles	71.85	7.16
21 23 16 00-0023	EA	Removal And Replacement Of Nozzle Seals	11.31	
21 23 16 00-0024	EA	Chrome Nozzle Disc Cap	6.98	0.66

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 23 16 00-0025	EA	LPR Nozzle Disc Cap	37.21	10.07
21 23 16 00-0026		**Control Systems** *(21 23 16 00-0001)*		
21 23 16 00-0027	EA	XV Control System Note: Includes (1) SVA, (1) system cartridge, (1) test cartridge, (1) EMT connector kit, (1) SPDT microswitch kit, and (1) SPDT microswitch kit.	1,222.53	66.06
21 23 16 00-0028	EA	7-1/2" High Pressure Hose (Required for cylinder mounted XV Control System)	103.11	11.01
21 23 16 00-0029	EA	24" High Pressure Hose	122.31	11.01
21 23 16 00-0030	EA	60" High Pressure Hose	164.99	11.01
21 23 16 00-0031	EA	XV Solenoid Kit (Electric Actuator), 24 Volt DC	238.21	22.02
21 23 16 00-0032	EA	XV Microswitch Kit, SPDT	78.32	10.35
21 23 16 00-0033	EA	XV Microswitch Kit, SPDT, Terminal Type, For Alarm/Release	84.72	10.35
21 23 16 00-0034	EA	EMT Connector Kit (EMT Connector And O-Ring)	33.59	8.26
21 23 16 00-0035	EA	KRS-50 Control Box Assembly Note: Includes (1) SVA, (2) CO2 cartridges, (2) set screws, (1) grommet, (1) cover label, and (1) exhaust fan caution label.	687.08	42.66
21 23 16 00-0036	EA	SPDT Microswitch For KRS-50	100.26	10.35
21 23 16 00-0037	EA	DPDT Microswitch For KRS-50	181.52	17.95
21 23 16 00-0038	EA	SPDT Pressure Switch (Fire Department Tie-In)	556.98	57.58
21 23 16 00-0039		**Mechanical Actuation Components** *(21 23 16 00-0001)*		
21 23 16 00-0040	EA	Universal Detector Link Housing Kit, Mechanical Actuation Systems Note: Includes (1) bracket (11-3/4"), (2) "S" hook, and (2) cable crimp sleeves.	61.80	16.52
21 23 16 00-0041	EA	XV Low Profile Link Detector Housing Kit Note: Includes (1) bracket, (2) 1/2" EMT connectors, (4) cable crimp sleeves, and (1) S hook.	88.50	16.52
21 23 16 00-0042	EA	XV Or KRS-50 Remote Manual Release, Combination Pull-To-Trip/Release-To-Trip	243.95	11.01
21 23 16 00-0043	EA	XV Remote Manual Release, Pull-To-Trip	186.33	11.01
21 23 16 00-0044	EA	Corner Pulley, Mechanical Actuation Systems	27.95	2.97
21 23 16 00-0045	EA	Double Tee Pulley, Mechanical Actuation Systems	390.12	18.17
21 23 16 00-0046	EA	In-Line Tee Pulley, Mechanical Actuation Systems	46.87	4.84
21 23 16 00-0047	EA	Corner Pulley / Quik-Seal Adapter Combination	98.50	5.51
21 23 16 00-0048	LF	1/16" Cable, Mechanical Actuation Systems	2.73	1.10
21 23 16 00-0049	EA	Cable Clamp	13.90	0.55
21 23 16 00-0050	EA	Cable Crimp Sleeve, Mechanical Actuation Systems	1.80	0.44
21 23 16 00-0051	EA	"S" Hook, Mechanical Actuation Systems	1.73	0.44
21 23 16 00-0052	EA	1/2" EMT x 3/8" NPT Adapter, Mechanical Actuation Systems	100.00	10.24
21 23 16 00-0053		**Mechanical Detection Links** *(21 23 16 00-0001)*		
21 23 16 00-0054	EA	KGS Standard Response Link	20.83	5.51
21 23 16 00-0055	EA	KGS Rapid Response Link	30.65	5.51
21 23 16 00-0056	EA	KFA Type "A" Fusible Link	26.25	5.51
21 23 16 00-0057	EA	KML Type "ML" Fusible Link	25.95	5.51
21 23 16 00-0058	EA	500 Degree, KML Type "ML" Fusible Link	38.75	5.51
21 23 16 00-0059		**Gas Valves** *(21 23 16 00-0001)*		
21 23 16 00-0060	EA	3/4" NPT Mechanical Cable Operated Gas Shut-off Valve	455.58	23.78
21 23 16 00-0061	EA	1" NPT Mechanical Cable Operated Gas Shut-off Valve	495.41	29.29
21 23 16 00-0062	EA	1-1/4" NPT Mechanical Cable Operated Gas Shut-off Valve	568.46	36.99
21 23 16 00-0063	EA	1-1/2" NPT Mechanical Cable Operated Gas Shut-off Valve	623.52	42.60
21 23 16 00-0064	EA	2" NPT Mechanical Cable Operated Gas Shut-off Valve	672.86	50.31
21 23 16 00-0065	EA	2-1/2" NPT Mechanical Cable Operated Gas Shut-off Valve	1,117.17	73.54
21 23 16 00-0066	EA	3" NPT Mechanical Cable Operated Gas Shut-off Valve	1,247.05	85.10
21 23 16 00-0067	EA	Pneumatic Release (Single Unit)	517.53	26.86
21 23 16 00-0068	EA	Removal And Replacement Of Cable Block And Set Screw Assembly For Gas Valve	63.47	
21 23 16 00-0069	EA	1/2" Electric Solenoid Gas Shut-off Valve	475.95	22.13
21 23 16 00-0070	EA	3/4" Electric Solenoid Gas Shut-off Valve	479.28	23.78
21 23 16 00-0071	EA	1" Electric Solenoid Gas Shut-off Valve	740.91	29.29
21 23 16 00-0072	EA	1-1/4" Electric Solenoid Gas Shut-off Valve	783.48	36.99
21 23 16 00-0073	EA	1-1/2" Electric Solenoid Gas Shut-off Valve	899.49	42.60
21 23 16 00-0074	EA	2" Electric Solenoid Gas Shut-off Valve	1,157.08	50.31
21 23 16 00-0075	EA	2-1/2" Electric Solenoid Gas Shut-off Valve	1,914.62	73.54
21 23 16 00-0076	EA	3" Electric Solenoid Gas Shut-off Valve	2,406.83	85.10
21 23 16 00-0077	EA	Manual Reset Relay	636.13	110.64
21 23 16 00-0078		**Liquid Tight Sealing Adapters** *(21 23 16 00-0001)*		
21 23 16 00-0079	EA	3/8" Tubing, Compression Seal Adapter	51.57	4.62
21 23 16 00-0080	EA	1/2" Tubing, 1/4" Pipe, Compression Seal Adapter	50.68	5.07
21 23 16 00-0081	EA	5/8" Tubing, 3/8" Pipe, Compression Seal Adapter	59.49	6.05
21 23 16 00-0082	EA	3/4" Tubing, 1/2" Pipe, Compression Seal Adapter	68.77	6.50
21 23 16 00-0083	EA	1/2" Electrical Metallic Tubing (EMT), Compression Seal Adapter	59.49	6.05
21 23 16 00-0084	EA	3/8" NPT Female, Quik-Seal Adapter	50.68	5.07
21 23 16 00-0085	EA	1/2" NPT Female, Quik-Seal Adapter	50.68	5.07
21 23 16 00-0086	EA	3/4" NPT Female, Quik-Seal Adapter	83.17	8.59
21 23 16 00-0087	EA	1" NPT Female, Quik-Seal Adapter	110.74	11.34
21 23 16 00-0088	EA	Quik-Patch For Hole Patching Up To 1-1/8" Diameter	50.68	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 23 16 00-0089		**Pressure Operated Releasing Systems** *(21 23 16 00-0001)*		
21 23 16 00-0090	EA	KRS-100 Nitrogen Cylinder	369.51	33.25
21 23 16 00-0091	EA	KRS-100 Actuator Assembly	330.22	33.91
21 23 16 00-0092	EA	KRS-100 Mounting Bracket	263.82	8.37
21 23 16 00-0093	EA	KRS-700S Nitrogen Cylinder	948.55	95.89
21 23 16 00-0094	EA	KRS-700 Mounting Bracket	201.88	20.48
21 23 16 00-0095	EA	KRS-700S Discharge Adapter Kit	308.36	20.48
21 23 16 00-0096	EA	Check Valve, Pressure Operated Releasing Systems	306.70	14.53
21 23 16 00-0097	EA	Vent Check, Pressure Operated Releasing Systems	93.09	9.25
21 23 16 00-0098	EA	Removal And Replacement Of Receiver Gasket For KRS-100 Actuator Assembly	12.31	
21 23 16 00-0099	EA	3 Pole, Double Throw Pressure Switch	760.25	77.07
21 23 16 00-0100		**Pyro-Chem Kitchen Fire Suppression Systems** *(21 23 16)*		
21 23 16 00-0101		**Cylinders, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0102	EA	3.0 Gallon Agent Cylinder With Valve, Kitchen Fire Suppression Systems (Pyro-Chem 551194)	1,158.95	78.16
21 23 16 00-0103	EA	4.6 Gallon Agent Cylinder With Valve, Kitchen Fire Suppression Systems (Pyro-Chem 551193)	1,669.36	112.62
21 23 16 00-0104	EA	6.0 Gallon Agent Cylinder With Valve, Kitchen Fire Suppression Systems (Pyro-Chem 551196)	2,187.36	154.02
21 23 16 00-0105	EA	Cylinder Mounting Bracket, Kitchen Fire Suppression Systems (Pyro-Chem 550053)	235.67	18.38
21 23 16 00-0106	EA	Enclosure With Mechanical Control Unit, Kitchen Fire Suppression Systems (Pyro-Chem 551208)	1,552.11	120.22
21 23 16 00-0107	EA	Enclosure For Secondary Cylinders, Kitchen Fire Suppression Systems (Pyro-Chem 550966)	947.66	73.32
21 23 16 00-0108		**Fusible Links, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0109	EA	165 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551522)	30.60	2.42
21 23 16 00-0110	EA	212 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551523)	30.60	2.42
21 23 16 00-0111	EA	280 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551524)	31.38	2.42
21 23 16 00-0112	EA	360 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551525)	30.60	2.42
21 23 16 00-0113	EA	450 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551526)	30.60	2.42
21 23 16 00-0114	EA	500 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551527)	33.44	2.42
21 23 16 00-0115	EA	Fusible Link Kit With 10" Bracket, Kitchen Fire Suppression Systems (Pyro-Chem 550131)	53.00	4.07
21 23 16 00-0116	EA	Fusible Link Kit With 8" Bracket, Kitchen Fire Suppression Systems (Pyro-Chem 550132)	68.77	5.40
21 23 16 00-0117	EA	Fusible Link Hanger, Kitchen Fire Suppression Systems (Pyro-Chem 550876)	67.77	27.86
21 23 16 00-0118	EA	225 To 600 Fahrenheit, Electrical Thermal Detector, Kitchen Fire Suppression Systems (Pyro-Chem 13970-6)	653.71	61.98
21 23 16 00-0119		**Gas Valves, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0120	EA	3/4" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550593)	567.77	23.78
21 23 16 00-0121	EA	1" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550594)	644.99	29.29
21 23 16 00-0122	EA	1-1/4" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550595)	692.00	36.99
21 23 16 00-0123	EA	1-1/2" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550596)	759.79	42.49
21 23 16 00-0124	EA	2" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 551049)	872.99	50.21
21 23 16 00-0125	EA	2-1/2" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550185)	2,067.15	73.43
21 23 16 00-0126	EA	3" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550186)	2,200.66	84.99
21 23 16 00-0127	EA	3/4" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550358)	441.61	23.78
21 23 16 00-0128	EA	1" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550359)	761.68	29.29
21 23 16 00-0129	EA	1-1/4" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550360)	789.74	36.99
21 23 16 00-0130	EA	1-1/2" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550361)	898.52	42.49
21 23 16 00-0131	EA	2" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550362)	1,251.40	50.21
21 23 16 00-0132	EA	2-1/2" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550363)	2,439.22	73.43
21 23 16 00-0133	EA	3" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 17643)	2,566.47	84.99
21 23 16 00-0134		**Nozzles, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0135	EA	Nozzle, Kitchen Fire Suppression Systems (Pyro-Chem)	109.97	8.15
21 23 16 00-0136	EA	Swivel Nozzle, Kitchen Fire Suppression Systems (Pyro-Chem)	157.15	10.35
21 23 16 00-0137	EA	Stainless Steel Nozzle, Kitchen Fire Suppression Systems (Pyro-Chem)	630.01	10.35
21 23 16 00-0138		**Actuating Cylinders/Cartridges, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0139	EA	Carbon Dioxide Actuation Cartridge, Kitchen Fire Suppression Systems (Pyro-Chem 551059)	40.48	3.19
21 23 16 00-0140	EA	PAC-10, Pneumatic Actuating Cylinder, Kitchen Fire Suppression Systems (Pyro-Chem 550104)	1,326.25	103.37
21 23 16 00-0141	EA	PAC-200, Pneumatic Actuating Cylinder, Kitchen Fire Suppression Systems (Pyro-Chem 550690)	1,689.68	132.22
21 23 16 00-0142		**Circuit Monitors, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0143	EA	24 Volt DC, System Circuit Monitor/Gas Valve Reset Relay, Kitchen Fire Suppression Systems (Pyro-Chem 550303)	866.92	67.71
21 23 16 00-0144	EA	120 Volt AC, System Circuit Monitor/Gas Valve Reset Relay, Kitchen Fire Suppression Systems (Pyro-Chem 550302)	1,046.09	81.58
21 23 16 00-0145		**Control Heads, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0146	EA	Mechanical Control Head, No Local Action, Kitchen Fire Suppression Systems (Pyro-Chem 551203)	956.50	74.64
21 23 16 00-0147	EA	Mechanical Control Head With Local Action, Kitchen Fire Suppression Systems (Pyro-Chem 551200)	998.13	78.05
21 23 16 00-0148	EA	24 Volt DC, Electrical Control Head With Local Actuation, Kitchen Fire Suppression Systems (Pyro-Chem 551201)	1,300.36	101.50

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 23 16 00-0149	EA	120 Volt AC Electrical Control Head With Local Actuation, Kitchen Fire Suppression Systems (Pyro-Chem 551202)	1,491.53	116.70
21 23 16 00-0150	EA	Control Head Mounting Bracket, Kitchen Fire Suppression Systems (Pyro-Chem 550853)	121.14	9.47
21 23 16 00-0151		**Corner Pulleys/Tees, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0152	EA	Set Screw Type, Corner Pulley, Kitchen Fire Suppression Systems (Pyro-Chem 415670)	30.91	1.54
21 23 16 00-0153	EA	Compression Type, Corner Pulley, Kitchen Fire Suppression Systems (Pyro-Chem 423250)	31.61	1.98
21 23 16 00-0154	EA	Tee Pulley, Kitchen Fire Suppression Systems (Pyro-Chem 550166)	97.15	7.59
21 23 16 00-0155	EA	Removal And Replacement Of Screw For Corner Pulley, Kitchen Fire Suppression Systems (Pyro-Chem 550272)	1.17	
21 23 16 00-0156		**Switches, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0157	EA	SPDT Switch, Kitchen Fire Suppression Systems (Pyro-Chem 550227)	105.68	8.26
21 23 16 00-0158	EA	DPDT Switch, Kitchen Fire Suppression Systems (Pyro-Chem 550237)	211.68	16.41
21 23 16 00-0159	EA	Four Pole Double Throw Switch, Kitchen Fire Suppression Systems (Pyro-Chem 550978)	447.98	34.79
21 23 16 00-0160		**Wire Rope/Accessories, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0161	LF	1/16" Diameter Stainless Steel Wire Rope, Kitchen Fire Suppression Systems (Pyro-Chem 15821)	2.09	0.33
21 23 16 00-0162	EA	Crimps For 1/16" Diameter Stainless Steel Wire Rope, Kitchen Fire Suppression Systems (Pyro-Chem 550122)	1.12	0.33
21 23 16 00-0163	EA	High Temperature Stainless Steel Crimps, Kitchen Fire Suppression Systems (Pyro-Chem 551551)	5.27	0.44
21 23 16 00-0164	EA	"S" Hooks, Kitchen Fire Suppression Systems (Pyro-Chem 550121)	0.81	
21 23 16 00-0165		**Replacement Parts, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0166	EA	Wet Valve Rebuilding Kit, Kitchen Fire Suppression Systems (Pyro-Chem 550698)	100.32	7.93
21 23 16 00-0167	EA	Wet Valve Cap With Schrader Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550831)	104.76	8.26
21 23 16 00-0168	EA	Wet Spring, Kitchen Fire Suppression Systems (Pyro-Chem 550705)	12.28	0.99
21 23 16 00-0169	EA	225 psi, Wet Gauge, Kitchen Fire Suppression Systems (Pyro-Chem 551236)	144.50	10.79
21 23 16 00-0170	EA	Wet Valve O-ring, Kitchen Fire Suppression Systems (Pyro-Chem 550716)	20.19	1.54
21 23 16 00-0171	EA	Wet Piston, Kitchen Fire Suppression Systems (Pyro-Chem 550707)	28.09	2.21
21 23 16 00-0172	EA	Wet Piston O-Ring, Kitchen Fire Suppression Systems (Pyro-Chem 550715)	12.28	0.99
21 23 16 00-0173	EA	Wet Nozzle Cap, Kitchen Fire Suppression Systems (Pyro-Chem 551528)	17.29	1.32
21 23 16 00-0174	EA	Wet Nozzle Strainer, Kitchen Fire Suppression Systems (Pyro-Chem 551529)	16.91	1.32
21 23 16 00-0175	EA	Wet Nozzle Cap O-Ring, Kitchen Fire Suppression Systems (Pyro-Chem 551530)	4.83	0.33
21 23 16 00-0176	EA	Removal And Replacement Of Teflon Washer For Control Head Actuator, Kitchen Fire Suppression Systems (Pyro-Chem 550257)	8.20	
21 23 16 00-0177	EA	O-Ring Lubrication, Kitchen Fire Suppression Systems (Pyro-Chem 550063)	156.47	
21 23 16 00-0178	EA	3.0 Gallon Empty Test Tank, Kitchen Fire Suppression Systems (Pyro-Chem 551024)	1,075.12	
21 23 16 00-0179	EA	4.6 Gallon Empty Test Tank, Kitchen Fire Suppression Systems (Pyro-Chem 550902)	1,391.24	
21 23 16 00-0180	EA	6.0 Gallon Empty Test Tank, Kitchen Fire Suppression Systems (Pyro-Chem 550901)	1,604.52	
21 23 16 00-0181		**Accessories, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0182	EA	3/8" Quickseal Adapter, Kitchen Fire Suppression Systems (Pyro-Chem 550857)	49.20	3.75
21 23 16 00-0183	EA	1/2" Quickseal Adapter, Kitchen Fire Suppression Systems (Pyro-Chem 550859)	50.94	3.97
21 23 16 00-0184	EA	Wet Valve Tool, Kitchen Fire Suppression Systems (Pyro-Chem 550788)	98.11	7.59
21 23 16 00-0185	EA	Recharge Adapter Kit, Kitchen Fire Suppression Systems (Pyro-Chem 551240)	138.82	
21 23 16 00-0186	EA	3.0 Gallon Of Wet Chemical For Recharge, Kitchen Fire Suppression Systems (Pyro-Chem 551188)	298.42	
21 23 16 00-0187		**Pull Stations/Accessories, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0188	EA	Mechanical, Remote Pull Station, Kitchen Fire Suppression Systems (Pyro-Chem 551074)	198.10	15.52
21 23 16 00-0189	EA	Electric, Remote Pull Station, Kitchen Fire Suppression Systems (Pyro-Chem 551166)	207.62	21.79
21 23 16 00-0190	EA	Trim Ring For Flush Mounting Remote Pull Station, Kitchen Fire Suppression Systems (Pyro-Chem 550088)	53.00	4.07
21 23 16 00-0191	EA	Glass Rods For Pull Stations, Kitchen Fire Suppression Systems (Pyro-Chem 428661)	6.43	1.43
21 23 16 00-0192		**Asco Gas Valve Control Panels** *(21 23 16)*		
21 23 16 00-0193	EA	Relay Control Panel For AC Solenoid Valves (Asco 108D90C)	2,595.30	242.20
21 23 16 00-0194	EA	Relay Control Panel For DC Solenoid Valves (Asco 108D10C)	2,682.94	242.20
21 23 16 00-0195	EA	Master Control Station For Relay Control Panel For DC Solenoid Valves (Asco 216C89)	876.67	55.05
21 23 16 00-0196	EA	Emergency Stop Station For Relay Control Panel (Asco 173A19)	819.42	55.05

21 24 Dry-Chemical Fire-Extinguishing Systems *(21 20)*

21 24 16 Dry-Chemical Fire-Extinguishing Equipment *(21 24)*

21 24 16 00-0001		**Amerex KP Restaurant Fire Suppression Systems** *(21 24 16)* Note: Amerex or equal.		
21 24 16 00-0002	EA	3.75 Gallon, Charged, Agent Cylinder Assembly With Discharge Valve	639.76	85.43
21 24 16 00-0003	EA	6 Gallon, Charged, Agent Cylinder Assembly With Discharge Valve	892.58	107.72
21 24 16 00-0004	EA	Recharge - KP Liquid Agent (3.75 Gallon)	211.98	
21 24 16 00-0005	EA	Recharge - KP Liquid Agent (6 Gallon)	372.66	
21 24 16 00-0006	EA	3.75 Gallon, Bracket Assembly Agent Cylinder With Distribution Hose Assembly And Distribution Outlet	148.39	17.93
21 24 16 00-0007	EA	6 Gallon, Bracket Assembly Agent Cylinder	86.45	10.40
21 24 16 00-0008	EA	6 Gallon, 3/4 NPT, Agent Cylinder Discharge Adapter Kit	37.48	
21 24 16 00-0009	EA	6 Gallon, Pneumatic Actuator, Agent Cylinder	148.39	17.93

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 24 16 00-0010	EA	MRM Actuator (Less N2 Cylinder And Enclosure)	372.66	44.96
21 24 16 00-0011	EA	Painted Steel, MRM Enclosure	198.61	23.91
21 24 16 00-0012	EA	Stainless Steel, MRM Enclosure	242.63	23.91
21 24 16 00-0013	EA	Stainless Steel, Single Cylinder System Cabinet	591.34	71.37
21 24 16 00-0014	EA	N2 - 1/4" x 16" Actuation Hose	44.63	5.38
21 24 16 00-0015	EA	10 CU. Inch, Nitrogen Cylinder	198.61	23.91
		Note: Use For 1-10 Agent Cylinders		
21 24 16 00-0016	EA	Vent Check	35.71	4.31
21 24 16 00-0017	EA	Detector	26.78	3.23
		Note: Includes bracket, linkage and conduit fittings.		
21 24 16 00-0018	EA	280 To 450 Degree F, Fusible Link	10.05	1.20
21 24 16 00-0019	EA	Test Link	3.19	
21 24 16 00-0020	EA	Corner Pulley	13.84	1.67
21 24 16 00-0021	EA	1/16", 500 Foot Spool, Cable	223.14	26.90
21 24 16 00-0022	EA	Pulley Tee	100.41	12.08
21 24 16 00-0023	EA	Manual Pull Station (Standard)	89.25	10.76
21 24 16 00-0024	EA	Manual Pull Station, Adapter Kit (Recess Standard Pull Station)	41.87	5.02
21 24 16 00-0025	EA	Manual Pull Station (Oversized)	99.52	11.96
21 24 16 00-0026	EA	Conduit Offset	19.86	2.40
21 24 16 00-0027	EA	3/8" Pipe Thread, Seal (Quick-Seal)	27.36	3.35
21 24 16 00-0028	EA	1/2" Pipe Thread, Seal (Quick-Seal	22.32	2.75
21 24 16 00-0029	EA	3/8" Pipe Compression Seal	37.26	4.54
21 24 16 00-0030	EA	1/2" Pipe Compression Seal	37.26	4.54
21 24 16 00-0031	EA	Cap, Nozzle Blow-Off (Standard)	10.42	3.11
21 24 16 00-0032	EA	Cap, Nozzle Blow-Off (High Temperature)	24.81	3.11
21 24 16 00-0033	EA	2 Flow Points, Fryer/Griddle Nozzle	44.62	5.38
21 24 16 00-0034	EA	1 Flow Point Each, Appliance, Plenum Nozzle	44.62	5.38
21 24 16 00-0035	EA	Nozzle - Solid Fuel Charbroiler - 1 To 1-1/2 Flow Points Each	44.62	5.38
21 24 16 00-0036	EA	1/2 Flow Points Each, Upright Charbroiler Nozzle	44.62	5.38
21 24 16 00-0037	EA	2 Flow Points Each, Duct (Only) Nozzle	44.62	5.38
21 24 16 00-0038	EA	2 Flow Points Each, Four Burner Range Nozzle	64.18	7.77
21 24 16 00-0039	EA	3/4" Or 1" Mechanical Gas Valve	356.27	31.68
21 24 16 00-0040	EA	1-1/4" Or 1-1/2" Mechanical Gas Valve	418.83	46.02
21 24 16 00-0041	EA	2" Mechanical Gas Valve	521.92	54.40
21 24 16 00-0042	EA	Manual Reset Relay (Required With Every Electric Gas Valve)	562.31	67.79
21 24 16 00-0043	EA	SPDT Microswitch With 18" Leads	29.59	3.58
21 24 16 00-0044	EA	Kit Gas Valve Actuator For Use With ASCO Mechanical Gas Valve	47.75	5.74
21 24 16 00-0045	EA	Gas Valve Trip Assembly	100.41	12.08

21 24 16 00-0046 Range Guard Fire Suppression Systems *(21 24 16)*

Note: Range Guard or equal.

21 24 16 00-0047	EA	1-1/4 Gallon Charged Cylinder With Valve	679.07	92.36
21 24 16 00-0048	EA	2-1/2 Gallon Charged Cylinder With Valve	847.66	115.27
21 24 16 00-0049	EA	4 Gallon Charged Cylinder With Valve	1,046.49	142.35
21 24 16 00-0050	EA	6 Gallon Charged Cylinder With Valve	1,243.00	168.99
21 24 16 00-0051	EA	Vent Plug	28.52	3.86
21 24 16 00-0052	EA	Discharge Adapter Kit	36.74	
21 24 16 00-0053	EA	1-1/4 Gallon Wall Bracket	75.59	10.24
21 24 16 00-0054	EA	2-1/2 Gallon Wall Bracket	79.99	10.90
21 24 16 00-0055	EA	4 Gallon Wall Bracket	151.08	20.59
21 24 16 00-0056	EA	6 Gallon Wall Bracket	167.43	22.79
21 24 16 00-0057	EA	Mechanical Control Head, No Microswitch	590.69	80.37
21 24 16 00-0058	EA	Mechanical Control Head, 1 Microswitch	616.27	83.78
21 24 16 00-0059	EA	Mechanical Control Head, 2 Microswitches	706.96	96.11
21 24 16 00-0060	EA	Tandem Control Head	537.21	73.10
21 24 16 00-0061	EA	Electric Control Head, 120 Volt AC / 24 Volt DC	909.28	123.64
21 24 16 00-0062	EA	Mechanical Control Box	404.64	55.05
21 24 16 00-0063	EA	Tandem Control Box	404.64	55.05
21 24 16 00-0064	EA	Mechanical Control Box Adapter	118.60	16.18
21 24 16 00-0065	EA	A+ Control head With 1 Pressure Operated Actuator	356.42	48.44
21 24 16 00-0066	EA	Pressure Operated Actuator	146.51	19.93
21 24 16 00-0067	EA	BMCS-1 Nitrogen Cylinder	237.21	32.26
21 24 16 00-0068	EA	BMCS-1 Actuator Assembly	241.86	32.91
21 24 16 00-0069	EA	BMCS-1 Mounting Bracket	59.29	8.04
21 24 16 00-0070	EA	BMCS-7 Nitrogen Cylinder	684.44	93.03
21 24 16 00-0071	EA	BMCS-7 Mounting Bracket	146.51	19.93
21 24 16 00-0072	EA	BMCS-7 Discharge Adapter Kit	146.51	19.93
21 24 16 00-0073	EA	Check Valve	122.57	23.67
21 24 16 00-0074	EA	Vent Check For Use With BMCS Systems	66.28	9.02
21 24 16 00-0075	EA	Check Valve, (Schrader Flare Fitting) For Pressure Operated Actuator	28.84	3.92
21 24 16 00-0076	EA	Removal And Replacement Of Receiver Gasket For BMCS-Actuator Assembly	7.58	
21 24 16 00-0077	EA	Pneumatic Control Head For Slave Cylinders	151.16	20.59
21 24 16 00-0078	EA	Nozzles; ADP, F, R And GRW	69.29	9.47
21 24 16 00-0079	EA	Nozzles; DM And LPF	77.21	10.45
21 24 16 00-0080	EA	Swivel Adapter	48.84	6.61
21 24 16 00-0081	EA	Corner Pulley	20.93	2.86
21 24 16 00-0082	LF	1/16" Stainless Steel Cable	0.92	0.33
21 24 16 00-0083	EA	Cable Crimp Sleeve	1.12	0.33
21 24 16 00-0084	EA	"S" Hook	0.87	0.22
21 24 16 00-0085	EA	Electrical Metallic Tubing (EMT) Adapter, 1/2" Electrical Metallic Tubing (EMT) x 3/8" NPT	72.07	9.80

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 24 16 00-0086	EA	Cable Clamp	6.43	0.88
21 24 16 00-0087	EA	Nico Sleeves - 1/16" Cable	0.88	0.22
21 24 16 00-0088	EA	3/8" Cable Anchor	76.16	10.35
21 24 16 00-0089	EA	1/2" Cable Anchor	76.16	10.35
21 24 16 00-0090	EA	Mechanical Remote Manual Release (Pull Cable)	123.19	16.74
21 24 16 00-0091	EA	Tee Pulley, Use For Mechanical Pull And Gas Valve	131.47	17.84
21 24 16 00-0092	EA	Surface Remote Manual Release, End-of-line	154.03	20.92
21 24 16 00-0093	EA	Surface Remote Manual Release, In line Conservation Kit	48.26	6.61
21 24 16 00-0094	EA	Surface Remote Manual Release, In line And End Of Line	202.22	27.41
21 24 16 00-0095	EA	Recessed Remote Manual Release, End-of-line	154.03	20.92
21 24 16 00-0096	EA	Recessed Remote Manual Release, In Line Kit	183.61	24.99
21 24 16 00-0097	EA	Pulley Tee, Remote In Line Only	33.00	4.51
21 24 16 00-0098	EA	Fusible Link Housing Kit With 1 - Bracket, 2 - 1/2" Electrical Metallic Tubing (EMT) Connector, 1 - "S" Hook, 8 - Cable Crimp Sleeve	36.64	4.96
21 24 16 00-0099	EA	Fusible Link 165F To 360F	12.00	1.65
21 24 16 00-0100	EA	Fusible Link 500F	19.03	1.65
21 24 16 00-0101	EA	Standard Detector With 1 - 360F link, 2 - "S" Hooks, 2 - Crimp Sleeves	36.64	4.96
21 24 16 00-0102	EA	Standard Detector Kit With 1 - Large Bracket, 2 - "S" Hooks, 2 - Cable Crimp Sleeve	26.90	4.96
21 24 16 00-0103	EA	Quartzoid Link 400 F	197.56	26.86
21 24 16 00-0104	EA	Quartzoid Link 500 F	197.56	26.86
21 24 16 00-0105	EA	SPDT Micro Switch For Use With A Plus Control Box	70.81	9.58
21 24 16 00-0106	EA	DPDT Micro Switch For Use With A Plus Control Box	123.19	16.74
21 24 16 00-0107	EA	SPDT Micro Switch For Use With A Mechanical Control Box	73.21	9.91
21 24 16 00-0108	EA	DPDT Micro Switch For Use With A Mechanical Control Box	126.89	17.28
21 24 16 00-0109	EA	SPDT Micro Switch For Use With PRCB	92.97	12.66
21 24 16 00-0110	EA	DPDT Micro Switch For Use With PRCB	134.11	18.17
21 24 16 00-0111	EA	Pressure Switch, SPDT (Fire Dept. Tie In)	392.81	53.40
21 24 16 00-0112	EA	Circuit Monitor 12 Or 24 Volt DC	176.65	24.00
21 24 16 00-0113	EA	Circuit Monitor 120 Volt AC	176.65	24.00
21 24 16 00-0114	EA	Electric Manual Pull Station	129.01	17.50
21 24 16 00-0115	EA	6", 24 Volt DC, Motor Bell	72.06	9.80
21 24 16 00-0116	EA	10", 115 Volt AC Motor Bell	102.28	13.87
21 24 16 00-0117	EA	Fuse, 1.2 For ECH	8.29	1.10
21 24 16 00-0118	EA	Indicator Lamp 12 Or 24 Volt DC	36.64	4.96
21 24 16 00-0119	EA	Indicator Lamp 120 Volt AC	36.64	4.96
21 24 16 00-0120	EA	B-10 Manual Station Dual Action, SPDT	134.81	18.28
21 24 16 00-0121	EA	B-11 Manual Station Dual Action, DPDT	148.76	20.25
21 24 16 00-0122	EA	Break Rods For B10/B11 Manual Pull Station	3.88	1.43
21 24 16 00-0123	EA	Spare Key For B10/B11 Manual Stations	18.59	2.53
21 24 16 00-0124	EA	MT-24-LSM-VAR Multitone Signal With 15/75cd Strobe, 24 Volt, Flush Grill	199.89	27.19
21 24 16 00-0125	EA	Suppression Abort Station	211.52	28.73
21 24 16 00-0126	EA	Suppression Abort Station With Surface Mount Back Box	246.38	33.47
21 24 16 00-0127	EA	Surface Mount Back Box	81.36	11.01
21 24 16 00-0128	EA	Single Hazard Control Unit, 120 Volt AC IP	1,510.82	205.10
21 24 16 00-0129	EA	Single Hazard Control Unit, 240 Volt AC IP	1,510.82	205.10
21 24 16 00-0130	EA	1 Lead Acid Battery; 24 Volt DC, 1.2 A.H.	125.51	17.06
21 24 16 00-0131	EA	Accessory Kit - End-of-line Resistors (10K Ohms, 1/2 W)	4.82	0.78
21 24 16 00-0132	EA	Spare Scorpio Circuit Board	1,092.37	
21 24 16 00-0133	EA	Extra Scorpio Key	18.59	
21 24 16 00-0134	EA	Extra Scorpio Manual	11.62	
21 24 16 00-0135	EA	Compression Seal Adapter 3/8" Pipe	31.61	4.29
21 24 16 00-0136	EA	Compression Seal Adapter 1/2" Tubing/ 1/4" Pipe	34.31	4.62
21 24 16 00-0137	EA	Compression Seal Adapter 5/8" Tubing/ 3/8" Pipe	41.28	5.61
21 24 16 00-0138	EA	Compression Seal Adapter 3/4" Tubing/ 1/2" Pipe	44.16	5.94
21 24 16 00-0139	EA	Quik Seal Adapter 3/8" NPT Female	34.31	4.62
21 24 16 00-0140	EA	Quik Seal Adapter 1/2" NPT Female	34.31	4.62
21 24 16 00-0141	EA	Quik Seal Adapter 3/4" NPT Female	58.71	8.04
21 24 16 00-0142	EA	Quik Seal Adapter 1" NPT Female	77.86	10.56
21 24 16 00-0143	EA	Quik Patch (Up To 1-1/8" Diameter)	34.31	4.62
21 24 16 00-0144	EA	1-1/4 Gallon Karbaloy Charge	76.39	
21 24 16 00-0145	EA	2-1/2 Gallon Karbaloy Charge	131.31	
21 24 16 00-0146	EA	4 Gallon Karbaloy Charge	198.48	
21 24 16 00-0147	EA	6 Gallon Karbaloy Charge	290.44	
21 24 16 00-0148	EA	Inlet Flushing Adapter	56.94	7.70
21 24 16 00-0149	EA	1/2" Flushing Adapter (Outlet)	56.94	7.70
21 24 16 00-0150	EA	1/8" Flushing Adapter (Outlet)	56.94	7.70
21 24 16 00-0151	EA	1/4" Flushing Adapter (Outlet)	56.94	7.70
21 24 16 00-0152	EA	3/8" Flushing Adapter (Outlet)	56.94	7.70
21 24 16 00-0153	EA	Recharge Adapter (Old Style Cylinder Valve Assembly Only)	79.03	
21 24 16 00-0154	EA	Instruction Label (In Case Of Fire) - MCB	6.31	
21 24 16 00-0155	EA	Caution Sign (Turn On Fan)	7.58	
21 24 16 00-0156	EA	Inspection Label (Authorized installers only)	5.30	
21 24 16 00-0157	EA	Label, Warning, A+ Control Box	3.77	
21 24 16 00-0158	EA	Wet Chemical System Kits, RG-1.25G Kit; #23315	999.40	135.74
21 24 16 00-0159	EA	Wet Chemical System Kits, RG-2.5G Kit; #23316	1,166.77	158.42
21 24 16 00-0160	EA	Wet Chemical System Kits, RG-4GS Kit; #23317	1,452.67	197.28
21 24 16 00-0161	EA	Wet Chemical System Kits, RG-4GT Kit; #23318	1,452.67	197.28
21 24 16 00-0162	EA	Wet Chemical System Kits, RG-6G Kit; #23319	1,826.87	248.04
21 24 16 00-0163	EA	Wet Chemical System Kits, RG Mechanical Control HD (MCH) Kit; #23320	865.78	117.57
21 24 16 00-0164	EA	Wet Chemical System Kits, RG Mechanical Control Box (MCB) Kit; #23321	813.47	110.42
21 24 16 00-0165	EA	Wet Chemical System Kits, A Plus Control Box Kit; #23322	657.76	89.28

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 24 16 00-0166	EA	Wet Chemical System Kits, Valve Rebuild Kit; #23210	1,138.86	154.68
21 24 16 00-0167	EA	Wet Chemical System Kits, BMCS-1 Package; #23208	1,043.56	141.68

21 30 Fire Pumps (21)

21 31 Centrifugal Fire Pumps (21 30)

21 31 13 Electric-Drive, Centrifugal Fire Pumps (21 31)

21 31 13 00-0001 Electric-Drive Fire Pumps (21 31 13)
Note: Includes fire pump and motor, motor starter, panel, and controller.

21 31 13 00-0002	EA	20 HP, 500 GPM, Electric-Drive Fire Pump	24,857.60	2,193.03
		For Duplex Pumping System, Add	*22,664.58*	
21 31 13 00-0003	EA	30 HP, 500 GPM, Electric-Drive Fire Pump	28,664.50	2,467.15
		For Duplex Pumping System, Add	*26,380.10*	
21 31 13 00-0004	EA	40 HP, 750 GPM, Electric-Drive Fire Pump	38,379.44	2,741.28
		For Duplex Pumping System, Add	*35,841.22*	
21 31 13 00-0005	EA	50 HP, 1,000 GPM, Electric-Drive Fire Pump	47,506.92	3,183.96
		For Duplex Pumping System, Add	*44,322.96*	
21 31 13 00-0006	EA	75 HP, 1,000 GPM, Electric-Drive Fire Pump	52,934.35	3,473.41
		For Duplex Pumping System, Add	*49,460.94*	

21 31 16 Diesel-Drive, Centrifugal Fire Pumps (21 31)

21 31 16 00-0001 Diesel-Drive Fire Pumps (21 31 16)
Note: Pumps shall be stand alone units meeting NFPA-20 specs. Includes fire pump and motor, motor starter, panel, and controller.

21 31 16 00-0002	EA	30 HP Diesel Driven Fire Pump, NFPA-20 Specific	82,503.18	2,605.06
21 31 16 00-0003	EA	40 HP Diesel Driven Fire Pump, NFPA-20 Specific	93,329.11	2,894.51
21 31 16 00-0004	EA	50 HP Diesel Driven Fire Pump, NFPA-20 Specific	98,062.77	3,183.96
21 31 16 00-0005	EA	75 HP Diesel Driven Fire Pump, NFPA-20 Specific	111,592.93	3,473.41
21 31 16 00-0006	EA	150 HP Diesel Driven Fire Pump, NFPA-20 Specific	118,449.37	4,052.32
21 31 16 00-0007	EA	175 HP Diesel Driven Fire Pump, NFPA-20 Specific	127,499.54	5,210.12
21 31 16 00-0008	EA	200 HP Diesel Driven Fire Pump, NFPA-20 Specific	138,396.69	5,789.02
21 31 16 00-0009	EA	250 HP Diesel Driven Fire Pump, NFPA-20 Specific	158,253.09	6,599.49
21 31 16 00-0010	EA	300 HP Diesel Driven Fire Pump, NFPA-20 Specific	189,549.26	7,120.49
21 31 16 00-0011	EA	350 HP Diesel Driven Fire Pump , NFPA-20 Specific	222,392.92	8,104.63
21 31 16 00-0012	EA	400 HP Diesel Driven Fire Pump , NFPA-20 Specific	263,958.86	8,683.54
21 31 16 00-0013	EA	500 HP Diesel Driven Fire Pump , NFPA-20 Specific	297,235.77	9,262.44

21 34 Fire Pump Accessories (21 30)

21 34 13 Pressure Maintenance Pumps (21 34)

21 34 13 00-0001 Jockey Pumps (21 34 13)
Note: Excludes controller

21 34 13 00-0002	EA	1-1/2 HP, 1-1/2" Pipe Connection, Jockey Pump	2,685.22	304.09
21 34 13 00-0003	EA	2 HP, 1-1/2" Pipe Connection, Jockey Pump	2,805.82	332.52
21 34 13 00-0004	EA	3 HP, 1-1/2" Pipe Connection, Jockey Pump	3,443.32	367.53
21 34 13 00-0005	EA	5 HP, 1-1/2" Pipe Connection, Jockey Pump	3,788.84	437.54
21 34 13 00-0006	EA	7.5 HP, 1-1/2" Pipe Connection, Jockey Pump	5,552.92	538.17

21 34 13 00-0007 Jockey Pump Controllers (21 34 13)

21 34 13 00-0008	EA	Up To 2 HP Jockey Pump Controller	713.77	87.51
21 34 13 00-0009	EA	>2 To 7.5 HP Jockey Pump Controller	1,087.77	87.51

END OF SECTION 21

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

22 Plumbing

Note: Where required, mechanical equipment excludes electrical connection unless title states otherwise.

22 01 Operation and Maintenance of Plumbing *(22)*

22 01 10 Operation and Maintenance of Plumbing Piping and Pumps *(22 01)*

See CSI section 23 01 20 00-0000 for purging of pipes and shutdown.

22 01 10 61 Plumbing Piping Repairs *(22 01 10)*

22 01 10 61-0001 Pipe Repair Clamps *(22 01 10 61)*

22 01 10 61-0002	EA	1/2" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	46.31
22 01 10 61-0003	EA	3/4" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	48.12
22 01 10 61-0004	EA	1" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	52.90
22 01 10 61-0005	EA	1-1/4" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	56.40
22 01 10 61-0006	EA	1-1/2" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	61.01
22 01 10 61-0007	EA	2" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	77.72
22 01 10 61-0008	EA	2-1/2" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	98.48
22 01 10 61-0009	EA	3" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	114.10
22 01 10 61-0010	EA	4" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	130.71
22 01 10 61-0011	EA	1/2" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	73.40
22 01 10 61-0012	EA	3/4" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	77.29
22 01 10 61-0013	EA	1" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	85.54
22 01 10 61-0014	EA	1-1/4" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	94.02
22 01 10 61-0015	EA	1-1/2" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	103.58
22 01 10 61-0016	EA	2" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	133.72
22 01 10 61-0017	EA	2-1/2" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	161.62
22 01 10 61-0018	EA	3" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	183.61
22 01 10 61-0019	EA	4" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	208.05
22 01 10 61-0020	EA	1/2" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	104.57
22 01 10 61-0021	EA	3/4" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	108.67
22 01 10 61-0022	EA	1" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	120.07
22 01 10 61-0023	EA	1-1/4" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	131.69
22 01 10 61-0024	EA	1-1/2" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	148.67
22 01 10 61-0025	EA	2" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	181.55
22 01 10 61-0026	EA	2-1/2" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	212.27
22 01 10 61-0027	EA	3" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	255.52
22 01 10 61-0028	EA	4" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	315.18
22 01 10 61-0029	EA	5" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	323.04
22 01 10 61-0030	EA	6" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	346.33

22 01 10 61-0031 Replace Drain Covers *(22 01 10 61)*

22 01 10 61-0032	EA	4-3/4" Diameter, 1/4" Thick, Cast Iron Drain Cover Replacement	58.21
22 01 10 61-0033	EA	4-7/8" Diameter, 1/4" Thick, Cast Iron Drain Cover Replacement	58.23
22 01 10 61-0034	EA	5" Diameter, 1/4" Thick, Cast Iron Drain Cover Replacement	41.64
22 01 10 61-0035	EA	5-1/4" Diameter, 1/4" Thick, Cast Iron Drain Cover Replacement	66.37
22 01 10 61-0036	EA	5-1/2" Diameter, 1/4" Thick, Cast Iron Drain Cover Replacement	66.24
22 01 10 61-0037	EA	6" Diameter, 1/4" Thick, Cast Iron Drain Cover Replacement	49.97
22 01 10 61-0038	EA	6-1/4" Diameter, 1/4" Thick, Cast Iron Drain Cover Replacement	57.67
22 01 10 61-0039	EA	6-3/8" Diameter, 1/4" Thick, Cast Iron Drain Cover Replacement	80.40
22 01 10 61-0040	EA	6-1/2" Diameter, 1/4" Thick, Cast Iron Drain Cover Replacement	63.76

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 01 10 61-0041	EA	6-5/8" Diameter, 1/4" Thick, Cast Iron Drain Cover Replacement	64.72	
22 01 10 61-0042	EA	6-3/4" Diameter, 1/4" Thick, Cast Iron Drain Cover Replacement	66.80	
22 01 10 61-0043	EA	6-7/8" Diameter, 1/4" Thick, Cast Iron Drain Cover Replacement	87.78	
22 01 10 61-0044	EA	7" Diameter, 1/4" Thick, Cast Iron Drain Cover Replacement	71.86	
22 01 10 61-0045	EA	7-1/4" Diameter, 1/4" Thick, Cast Iron Drain Cover Replacement	75.29	
22 01 10 61-0046	EA	7-1/2" Diameter, 1/4" Thick, Cast Iron Drain Cover Replacement	80.31	
22 01 10 61-0047	EA	7-3/4" Diameter, 1/4" Thick, Cast Iron Drain Cover Replacement	83.46	
22 01 10 61-0048	EA	7-7/8" Diameter, 1/4" Thick, Cast Iron Drain Cover Replacement	106.25	
22 01 10 61-0049	EA	8" Diameter, 1/4" Thick, Cast Iron Drain Cover Replacement	90.28	
22 01 10 61-0050	EA	8-1/4" Diameter, 1/4" Thick, Cast Iron Drain Cover Replacement	94.76	
22 01 10 61-0051	EA	8-1/2" Diameter, 1/4" Thick, Cast Iron Drain Cover Replacement	98.18	
22 01 10 61-0052	EA	8-3/4" Diameter, 1/4" Thick, Cast Iron Drain Cover Replacement	109.02	
22 01 10 61-0053	EA	9" Diameter, 5/16" Thick, Cast Iron Drain Cover Replacement	128.48	
22 01 10 61-0054	EA	9-1/4" Diameter, 5/16" Thick, Cast Iron Drain Cover Replacement	140.99	
22 01 10 61-0055	EA	9-1/2" Diameter, 5/16" Thick, Cast Iron Drain Cover Replacement	148.85	
22 01 10 61-0056	EA	9-5/8" Diameter, 5/16" Thick, Cast Iron Drain Cover Replacement	175.08	
22 01 10 61-0057	EA	9-3/4" Diameter, 5/16" Thick, Cast Iron Drain Cover Replacement	158.53	
22 01 10 61-0058	EA	10" Diameter, 5/16" Thick, Cast Iron Drain Cover Replacement	159.93	
22 01 10 61-0059	EA	10-1/4" Diameter, 5/16" Thick, Cast Iron Drain Cover Replacement	181.66	
22 01 10 61-0060	EA	10-3/8" Diameter, 5/16" Thick, Cast Iron Drain Cover Replacement	181.92	
22 01 10 61-0061	EA	10-1/2" Diameter, 5/16" Thick, Cast Iron Drain Cover Replacement	182.35	
22 01 10 61-0062	EA	10-3/4" Diameter, 5/16" Thick, Cast Iron Drain Cover Replacement	184.02	
22 01 10 61-0063	EA	10-7/8" Diameter, 5/16" Thick, Cast Iron Drain Cover Replacement	183.82	
22 01 10 61-0064	EA	11" Diameter, 5/16" Thick, Cast Iron Drain Cover Replacement	182.80	
22 01 10 61-0065	EA	11-3/8" Diameter, 5/16" Thick, Cast Iron Drain Cover Replacement	182.73	
22 01 10 61-0066	EA	11-1/2" Diameter, 5/16" Thick, Cast Iron Drain Cover Replacement	182.14	
22 01 10 61-0067	EA	12" Diameter, 5/16" Thick, Cast Iron Drain Cover Replacement	165.90	
22 01 10 61-0068	EA	4" Diameter, 0.15" Thick, Slotted Polished Cast Brass Drain Cover Replacement	47.66	
22 01 10 61-0069	EA	4-1/4" Diameter, 0.15" Thick, Slotted Polished Cast Brass Drain Cover Replacement	51.67	
22 01 10 61-0070	EA	4-3/4" Diameter, 0.15" Thick, Slotted Polished Cast Brass Drain Cover Replacement	61.08	
22 01 10 61-0071	EA	5-1/2" Diameter, 0.15" Thick, Slotted Polished Cast Brass Drain Cover Replacement	80.59	
22 01 10 61-0072	EA	7-1/2" Diameter, 0.15" Thick, Slotted Polished Cast Brass Drain Cover Replacement	121.15	
22 01 10 61-0073	EA	9-1/2" Diameter, 0.15" Thick, Slotted Polished Cast Brass Drain Cover Replacement	182.07	

22 01 10 61-0074 Repair And Tape Pipe Insulation Seam *(22 01 10 61)*

22 01 10 61-0075	LF	Repair and Taping Of Damaged Pipe Insulation Seam	1.32	

22 01 10 62 Plumbing Piping Relining *(22 01 10)*

22 01 10 62-0001 Relining Small Diameter Copper Pipelines Set-Up For Epoxy *(22 01 10 62)*

Note: Excludes drywall removal and repair, cuting into pipe and pipe repair See CSI section 09 01 20 91-0001 for cutting and patching drywall, 22 11 16 00-0371 for copper pipe and fitting.

22 01 10 62-0002	EA	Initial Set Up And Final Equipment Removal For Relining 1/2" To 3" Copper Pipe With Epoxy	1,391.49	

22 01 10 62-0003 Small Diameter Epoxy Lining Of Copper Water Piping *(22 01 10 62)*

Note: Includes draining pipe of water, dry heated air through pipe, and cleaning of pipe interior prior to lining pipe.

22 01 10 62-0004	LF	2mm Lining 1/2" Copper Pipe With Epoxy Lining	2.78	
		For Up To 25, Add	*4.45*	
		For >25 To 50, Add	*2.73*	
		For >50 To 100, Add	*1.36*	
		For >500, Deduct	*-0.22*	
22 01 10 62-0005	LF	2mm Lining 3/4" Copper Pipe With Epoxy Lining	3.73	
		For Up To 25, Add	*5.32*	
		For >25 To 50, Add	*3.28*	
		For >50 To 100, Add	*1.64*	
		For >500, Deduct	*-0.28*	
22 01 10 62-0006	LF	2mm Lining 1" Copper Pipe With Epoxy Lining	4.67	
		For Up To 25, Add	*6.19*	
		For >25 To 50, Add	*3.83*	
		For >50 To 100, Add	*1.92*	
		For >500, Deduct	*-0.35*	
22 01 10 62-0007	LF	2mm Lining 1-1/4" Copper Pipe With Epoxy Lining	6.59	
		For Up To 25, Add	*7.90*	
		For >25 To 50, Add	*4.93*	
		For >50 To 100, Add	*2.47*	
		For >500, Deduct	*-0.47*	
22 01 10 62-0008	LF	2mm Lining 1-1/2" Copper Pipe With Epoxy Lining	8.96	
		For Up To 25, Add	*10.07*	
		For >25 To 50, Add	*6.32*	
		For >50 To 100, Add	*3.16*	
		For >500, Deduct	*-0.62*	
22 01 10 62-0009	LF	4mm Lining 2" Copper Pipe With Epoxy Lining	14.48	
		For Up To 25, Add	*14.26*	
		For >25 To 50, Add	*9.05*	
		For >50 To 100, Add	*4.52*	
		For >500, Deduct	*-0.96*	
22 01 10 62-0010	LF	4mm Lining 2-1/2" Copper Pipe With Epoxy Lining	18.37	
		For Up To 25, Add	*18.05*	
		For >25 To 50, Add	*11.45*	
		For >50 To 100, Add	*5.72*	
		For >500, Deduct	*-1.22*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 01 10 62-0011	LF	4mm Lining 3" Copper Pipe With Epoxy Lining	22.42	
		For Up To 25, Add	*22.21*	
		For >25 To 50, Add	*14.08*	
		For >50 To 100, Add	*7.04*	
		For >500, Deduct	*-1.49*	

22 01 40 Operation and Maintenance of Plumbing Fixtures *(22 01)*

22 01 40 81 Plumbing Fixtures Replacement *(22 01 40)*

22 01 40 81-0001 Removal And Replacement Of Fixture And/or Trim *(22 01 40 81)*
Note: Includes removal of existing item(s) and installation of new item(s).

22 01 40 81-0002	EA	Removal And Replacement Of 3/8" To 1/2" Compression Shut-off Valve With 15" Polybutylene Supply Tube	61.71
22 01 40 81-0003	EA	Removal And Replacement Of 3/8" Compression x 1/2" FIP, Braided Stainless Steel, Supply Lines To Sink/Lavatory	23.29
22 01 40 81-0004	EA	Removal And Replacement Of Chrome Supply Lines To Sink/Lavatory, Pair	29.91
22 01 40 81-0005	EA	Removal And Replacement Of Single Bowl Sink/Lavatory Drain Line	41.87
22 01 40 81-0006	EA	Removal And Replacement Of Double Bowl Sink/Lavatory Drain Line	64.99
22 01 40 81-0007	EA	Removal And Replacement Of Shower Head, Polished Chrome	41.68
22 01 40 81-0008	EA	Removal And Replacement Of Shower Arm	44.15
22 01 40 81-0009	EA	Removal And Replacement Of Shower Head	52.96
22 01 40 81-0010	EA	Removal And Replacement Of Shower Knob	40.87
22 01 40 81-0011	EA	Removal And Replacement Of Shower and Tub Control Trim Note: Excludes balancing valve.	120.75
22 01 40 81-0012	EA	Removal And Replacement Of Sink Basket Strainer	33.69
22 01 40 81-0013	EA	Removal And Replacement Of 1-1/2" Sink Drain Without Stopper	17.83
22 01 40 81-0014	EA	Removal And Replacement Of 4-1/2" Sink Drain Without Stopper	18.76
22 01 40 81-0015	EA	Removal And Replacement Of 1-1/2" Sink Drain With Stopper	17.83
22 01 40 81-0016	EA	Removal And Replacement Of 1" Sink Rubber Stopper	9.54
22 01 40 81-0017	EA	Removal And Replacement Of Sink Tailpiece Extension, 1-1/2" x 8"	27.79
22 01 40 81-0018	EA	Removal And Replacement Of Sink Trap, Adjustable, 1-1/2"	46.94
22 01 40 81-0019	EA	Removal And Replacement Of Lavatory Pop-Up Rod	34.25
22 01 40 81-0020	EA	Removal And Replacement Of Lavatory Pop-up Drain Stopper	33.81
22 01 40 81-0021	EA	Removal And Replacement Of Faucet Handle	38.41
22 01 40 81-0022	EA	Removal And Replacement Of Faucet O-Ring	28.26
22 01 40 81-0023	EA	Removal And Replacement Of 1-1/2" Faucet Hole Cover	21.32
22 01 40 81-0024	EA	Removal And Replacement Of Toilet Ballcock	39.34
22 01 40 81-0025	EA	Removal And Replacement Of Toilet Bowl Ring, Flat Wax Note: Excludes removal of toilet.	7.53
22 01 40 81-0026	EA	Removal And Replacement Of Toilet Tank	155.45
22 01 40 81-0027	EA	Removal And Replacement Of 10" Toilet Bowl	196.20
22 01 40 81-0028	EA	Removal And Replacement Of 10", Low-Flush Watersaver, Toilet Bowl	210.61
22 01 40 81-0029	EA	Removal And Replacement Of 12" Toilet Bowl	224.52
22 01 40 81-0030	EA	Removal And Replacement Of 18", Elongated, Toilet Bowl	201.05
22 01 40 81-0031	EA	Removal And Replacement Of Toilet Closet Bolt, 5/16" x 3" With Nuts And Washers	24.50
22 01 40 81-0032	EA	Removal And Replacement Of Toilet Flapper With Chain	18.01
22 01 40 81-0033	EA	Removal And Replacement Of Toilet Flush Tank Lever	19.46
22 01 40 81-0034	EA	Removal And Replacement Of Elongated Toilet Seat With Lid	101.58
22 01 40 81-0035	EA	Removal And Replacement Of Elongated Toilet Seat Without Lid	112.65
22 01 40 81-0036	EA	Removal And Replacement Of Handicap Toilet Seat, Complete With Rails	149.28
22 01 40 81-0037	EA	Removal And Replacement Of Diverter Tub Spout	65.66
22 01 40 81-0038	EA	Removal And Replacement Of Tub Spout	45.63
22 01 40 81-0039	EA	Removal And Replacement Of 2" Tub Stopper	11.08
22 01 40 81-0040	EA	Removal And Replacement Of Tub Waste/Overflow	76.06
22 01 40 81-0041	EA	Removal And Replacement Of Tub Stem Bonnet Assembly	39.31
22 01 40 81-0042	EA	Removal And Replacement Of Faucet Bonnet	43.24
22 01 40 81-0043	EA	Removal And Replacement Of Faucet Diverter Stem	27.17
22 01 40 81-0044	EA	Removal And Replacement Of Faucet Diverter Stem And Bonnet	36.00
22 01 40 81-0045	EA	Removal And Replacement Of Faucet Spout	40.75
22 01 40 81-0046	EA	Removal And Replacement Of Faucet Stem	30.02
22 01 40 81-0047	EA	Removal And Replacement Of Plastic, Chrome Plated Drinking Fountain Bubbler Valve With Flexible Bubbler Guard	234.22
22 01 40 81-0048	EA	Removal And Replacement Of Brass, Chrome Plated Drinking Fountain Bubbler Valve	295.58
22 01 40 81-0049	EA	Removal And Replacement Of Stainless Steel (Lead Free) Drinking Fountain Pushbutton Bubbler Valve	177.80

22 05 Common Work Results for Plumbing *(22)*

22 05 13 Common Motor Requirements for Plumbing Equipment *(22 05)*

Note: New equipment includes motor, unless otherwise stated. For use when replacing existing motor. See CSI section 23 05 13 00-0000 for motor requirements.

22 05 16 Expansion Fittings and Loops for Plumbing Piping *(22 05)*

See CSI section 23 05 16 00-0000 for expansion fittings and loops.

22 05 17 Sleeves and Sleeve Seals for Plumbing Piping *(22 05)*

See CSI section 23 05 17 00-0000 for sleeves and sleeve seals.

22 05 19 Meters and Gages for Plumbing Piping *(22 05)*

See CSI section 23 05 19 00-0000 for gages, 33 19 00 00-0000 for water utility service metering.

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

22 05 23 General-Duty Valves for Plumbing Piping *(22 05)*

See CSI section 23 05 23 00-0000 for additional valves.

22 05 23 00-0001 Gate Valves *(22 05 23)*

22 05 23 00-0002 Class 125 Brazed Or Soldered Bronze Gate Valves *(22 05 23 00-0001)*

Note: 125 psi steam, basic rating. 200 psi cold working pressure. (Milwaukee Valve 105)

22 05 23 00-0003	EA	1/4" Diameter, 125 Lb. Brazed Or Soldered Bronze Gate Valve		98.45	11.96
		For 150 Lb. Rating, Add		*6.36*	
		For 200 Lb. Rating, Add		*9.55*	
		For Work In Restricted Working Space, Add		*10.44*	
22 05 23 00-0004	EA	3/8" Diameter, 125 Lb. Brazed Or Soldered Bronze Gate Valve		100.28	11.96
		For 150 Lb. Rating, Add		*6.36*	
		For 200 Lb. Rating, Add		*9.55*	
		For Work In Restricted Working Space, Add		*10.99*	
22 05 23 00-0005	EA	1/2" Diameter, 125 Lb. Brazed Or Soldered Bronze Gate Valve		102.58	11.96
		For 150 Lb. Rating, Add		*6.40*	
		For 200 Lb. Rating, Add		*9.60*	
		For Work In Restricted Working Space, Add		*11.57*	
22 05 23 00-0006	EA	3/4" Diameter, 125 Lb. Brazed Or Soldered Bronze Gate Valve		120.77	13.15
		For 150 Lb. Rating, Add		*6.88*	
		For 200 Lb. Rating, Add		*10.32*	
		For Work In Restricted Working Space, Add		*15.59*	
22 05 23 00-0007	EA	1" Diameter, 125 Lb. Brazed Or Soldered Bronze Gate Valve		147.20	14.95
		For 150 Lb. Rating, Add		*8.43*	
		For 200 Lb. Rating, Add		*12.64*	
		For Work In Restricted Working Space, Add		*18.88*	
22 05 23 00-0008	EA	1-1/4" Diameter, 125 Lb. Brazed Or Soldered Bronze Gate Valve		217.30	15.91
		For 150 Lb. Rating, Add		*13.76*	
		For 200 Lb. Rating, Add		*20.64*	
		For Work In Restricted Working Space, Add		*23.91*	
22 05 23 00-0009	EA	1-1/2" Diameter, 125 Lb. Brazed Or Soldered Bronze Gate Valve		241.51	18.41
		For 150 Lb. Rating, Add		*14.95*	
		For 200 Lb. Rating, Add		*22.43*	
		For Work In Restricted Working Space, Add		*27.59*	
22 05 23 00-0010	EA	2" Diameter, 125 Lb. Brazed Or Soldered Bronze Gate Valve		289.86	21.75
		For 150 Lb. Rating, Add		*18.12*	
		For 200 Lb. Rating, Add		*27.18*	
		For Work In Restricted Working Space, Add		*32.61*	
22 05 23 00-0011	EA	2-1/2" Diameter, 125 Lb. Brazed Or Soldered Bronze Gate Valve		672.30	29.40
		For 150 Lb. Rating, Add		*52.55*	
		For 200 Lb. Rating, Add		*78.83*	
		For Work In Restricted Working Space, Add		*44.04*	
		For Chain Operated Type, Add		*236.48*	
22 05 23 00-0012	EA	3" Diameter, 125 Lb. Brazed Or Soldered Bronze Gate Valve		789.49	34.13
		For 150 Lb. Rating, Add		*62.01*	
		For 200 Lb. Rating, Add		*93.02*	
		For Work In Restricted Working Space, Add		*50.81*	

22 05 23 00-0013 Class 125 Brazed Or Soldered Bronze Lead Free Gate Valves *(22 05 23 00-0001)*

Note: 125 psi steam, basic rating. 200 psi cold working pressure. (Milwaukee Valve UP105, Nibco T113-LF)

22 05 23 00-0014	EA	1/4" Diameter, 125 Lb. Brazed Or Soldered Bronze Lead Free Gate Valve		119.65	11.96
		For 150 Lb. Rating, Add		*8.48*	
		For 200 Lb. Rating, Add		*12.73*	
		For Work In Restricted Working Space, Add		*10.44*	
22 05 23 00-0015	EA	3/8" Diameter, 125 Lb. Brazed Or Soldered Bronze Lead Free Gate Valve		121.30	11.96
		For 150 Lb. Rating, Add		*8.47*	
		For 200 Lb. Rating, Add		*12.70*	
		For Work In Restricted Working Space, Add		*10.99*	
22 05 23 00-0016	EA	1/2" Diameter, 125 Lb. Brazed Or Soldered Bronze Lead Free Gate Valve		141.76	11.96
		For 150 Lb. Rating, Add		*10.32*	
		For 200 Lb. Rating, Add		*15.48*	
		For Work In Restricted Working Space, Add		*11.57*	
22 05 23 00-0017	EA	3/4" Diameter, 125 Lb. Brazed Or Soldered Bronze Lead Free Gate Valve		159.96	13.15
		For 150 Lb. Rating, Add		*10.80*	
		For 200 Lb. Rating, Add		*16.20*	
		For Work In Restricted Working Space, Add		*15.59*	
22 05 23 00-0018	EA	1" Diameter, 125 Lb. Brazed Or Soldered Bronze Lead Free Gate Valve		191.91	14.95
		For 150 Lb. Rating, Add		*12.90*	
		For 200 Lb. Rating, Add		*19.35*	
		For Work In Restricted Working Space, Add		*18.88*	
22 05 23 00-0019	EA	1-1/4" Diameter, 125 Lb. Brazed Or Soldered Bronze Lead Free Gate Valve		278.45	15.91
		For 150 Lb. Rating, Add		*19.87*	
		For 200 Lb. Rating, Add		*29.81*	
		For Work In Restricted Working Space, Add		*23.91*	
22 05 23 00-0020	EA	1-1/2" Diameter, 125 Lb. Brazed Or Soldered Bronze Lead Free Gate Valve		318.43	18.41
		For 150 Lb. Rating, Add		*22.65*	
		For 200 Lb. Rating, Add		*33.97*	
		For Work In Restricted Working Space, Add		*27.59*	
22 05 23 00-0021	EA	2" Diameter, 125 Lb. Brazed Or Soldered Bronze Lead Free Gate Valve		408.71	21.75
		For 150 Lb. Rating, Add		*30.00*	
		For 200 Lb. Rating, Add		*45.00*	
		For Work In Restricted Working Space, Add		*32.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 05 23 00-0022		200 PSI, Non-Rising Stem, Crimped Bronze Gate Valves *(22 05 23 00-0001)* Note: 200 psi cold working pressure.		
22 05 23 00-0023	EA	1/2" Diameter, 200 PSI, Non-Rising Stem, Crimped Bronze Gate Valve	137.85	11.96
		For Work In Restricted Working Space, Add	*8.07*	
22 05 23 00-0024	EA	3/4" Diameter, 200 PSI, Non-Rising Stem, Crimped Bronze Gate Valve	155.21	13.15
		For Work In Restricted Working Space, Add	*9.19*	
22 05 23 00-0025	EA	1" Diameter, 200 PSI, Non-Rising Stem, Crimped Bronze Gate Valve	204.38	14.95
		For Work In Restricted Working Space, Add	*10.98*	
22 05 23 00-0026	EA	1-1/4" Diameter, 200 PSI, Non-Rising Stem, Crimped Bronze Gate Valve	279.71	15.91
		For Work In Restricted Working Space, Add	*12.11*	
22 05 23 00-0027	EA	1-1/2" Diameter, 200 PSI, Non-Rising Stem, Crimped Bronze Gate Valve	324.47	18.41
		For Work In Restricted Working Space, Add	*13.45*	
22 05 23 00-0028	EA	2" Diameter, 200 PSI, Non-Rising Stem, Crimped Bronze Gate Valve	447.46	21.75
		For Work In Restricted Working Space, Add	*16.14*	
22 05 23 00-0029		Ball Valves *(22 05 23)*		
22 05 23 00-0030		Crimped Bronze, Ball Valves *(22 05 23 00-0029)*		
22 05 23 00-0031		Crimped Bronze, 250 PSI, Ball Valves *(22 05 23 00-0030)* Note: Nibco®		
22 05 23 00-0032	EA	1/2" Crimped Bronze, 250 PSI, Ball Valve	93.91	11.96
		For Work In Restricted Working Space, Add	*8.07*	
22 05 23 00-0033	EA	3/4" Crimped Bronze, 250 PSI, Ball Valve	121.95	13.15
		For Work In Restricted Working Space, Add	*9.19*	
22 05 23 00-0034	EA	1" Crimped Bronze, 250 PSI, Ball Valve	156.81	14.95
		For Work In Restricted Working Space, Add	*10.98*	
22 05 23 00-0035	EA	1-1/4" Crimped Bronze, 250 PSI, Ball Valve	255.34	15.91
		For Work In Restricted Working Space, Add	*12.11*	
22 05 23 00-0036	EA	1-1/2" Crimped Bronze, 250 PSI, Ball Valve	338.39	18.41
		For Work In Restricted Working Space, Add	*13.45*	
22 05 23 00-0037	EA	2" Crimped Bronze, 250 PSI, Ball Valve	511.46	21.75
		For Work In Restricted Working Space, Add	*16.14*	
22 05 23 00-0038		Crimped Bronze, 200 PSI, Full Port Ball Valves *(22 05 23 00-0030)*		
22 05 23 00-0039	EA	1/2" Crimped Bronze, 200 PSI, Full Port, Lever Ball Valve	56.13	11.96
		For Work In Restricted Working Space, Add	*8.07*	
22 05 23 00-0040	EA	3/4" Crimped Bronze, 200 PSI, Full Port, Lever Ball Valve	71.71	13.15
		For Work In Restricted Working Space, Add	*9.19*	
22 05 23 00-0041	EA	1" Crimped Bronze, 200 PSI, Full Port, Lever Ball Valve	87.17	14.95
		For Work In Restricted Working Space, Add	*10.98*	
22 05 23 00-0042	EA	1-1/4" Crimped Bronze, 200 PSI, Full Port, Lever Ball Valve	122.52	15.91
		For Work In Restricted Working Space, Add	*12.11*	
22 05 23 00-0043	EA	1-1/2" Crimped Bronze, 200 PSI, Full Port, Lever Ball Valve	158.60	18.41
		For Work In Restricted Working Space, Add	*13.45*	
22 05 23 00-0044	EA	2" Crimped Bronze, 200 PSI, Full Port, Lever Ball Valve	235.50	21.75
		For Work In Restricted Working Space, Add	*16.14*	
22 05 23 00-0045		Crimped Bronze, 250 PSI, Full Port Ball Valves *(22 05 23 00-0030)*		
22 05 23 00-0046	EA	1/2" Crimped Bronze, 250 PSI, Full Port, Lever Ball Valve	64.82	11.96
		For Work In Restricted Working Space, Add	*8.07*	
22 05 23 00-0047	EA	3/4" Crimped Bronze, 250 PSI, Full Port, Lever Ball Valve	78.03	13.15
		For Work In Restricted Working Space, Add	*9.19*	
22 05 23 00-0048	EA	1" Crimped Bronze, 250 PSI, Full Port, Lever Ball Valve	97.28	14.95
		For Work In Restricted Working Space, Add	*10.98*	
22 05 23 00-0049	EA	1-1/4" Crimped Bronze, 250 PSI, Full Port, Lever Ball Valve	154.11	15.91
		For Work In Restricted Working Space, Add	*12.11*	
22 05 23 00-0050	EA	1-1/2" Crimped Bronze, 250 PSI, Full Port, Lever Ball Valve	226.54	18.41
		For Work In Restricted Working Space, Add	*13.45*	
22 05 23 00-0051	EA	2" Crimped Bronze, 250 PSI, Full Port, Lever Ball Valve	314.50	21.75
		For Work In Restricted Working Space, Add	*16.14*	
22 05 23 00-0052		Crimped x Threaded Bronze, 250 PSI, Full Port Ball Valves *(22 05 23 00-0030)*		
22 05 23 00-0053	EA	1/2" Crimped x Threaded Bronze, 250 PSI, Full Port, Lever Ball Valve	62.45	11.96
		For Work In Restricted Working Space, Add	*8.07*	
22 05 23 00-0054	EA	3/4" Crimped x Threaded Bronze, 250 PSI, Full Port, Lever Ball Valve	75.82	13.15
		For Work In Restricted Working Space, Add	*9.19*	
22 05 23 00-0055	EA	1" Crimped x Threaded Bronze, 250 PSI, Full Port, Lever Ball Valve	92.22	14.95
		For Work In Restricted Working Space, Add	*10.98*	
22 05 23 00-0056		Check Valves *(22 05 23)*		
22 05 23 00-0057		Crimped Bronze, 200 PSI, Y-Pattern, Swing Check Valves *(22 05 23 00-0056)* Note: Nibco®		
22 05 23 00-0058	EA	1/2" Crimped Bronze, 200 PSI, Y-Pattern Check Valve	181.76	11.96
		For Work In Restricted Working Space, Add	*8.07*	
22 05 23 00-0059	EA	3/4" Crimped Bronze, 200 PSI, Y-Pattern Check Valve	231.73	13.15
		For Work In Restricted Working Space, Add	*9.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 05 23 00-0060	EA	1" Crimped Bronze, 200 PSI, Y-Pattern Check Valve	320.91	14.95
		For Work In Restricted Working Space, Add	*10.98*	
22 05 23 00-0061	EA	1-1/4" Crimped Bronze, 200 PSI, Y-Pattern Check Valve	428.66	15.91
		For Work In Restricted Working Space, Add	*12.11*	
22 05 23 00-0062	EA	1-1/2" Crimped Bronze, 200 PSI, Y-Pattern Check Valve	511.74	18.41
		For Work In Restricted Working Space, Add	*13.45*	
22 05 23 00-0063	EA	2" Crimped Bronze, 200 PSI, Y-Pattern Check Valve	733.36	21.75
		For Work In Restricted Working Space, Add	*16.14*	
22 05 23 00-0064		Crimped Bronze, 250 PSI, In-Line, Check Valves *(22 05 23 00-0056)*		
22 05 23 00-0065	EA	1/2" Crimped Bronze, 200 PSI, In-Line Check Valve	49.46	11.96
		For Work In Restricted Working Space, Add	*8.07*	
22 05 23 00-0066	EA	3/4" Crimped Bronze, 200 PSI, In-Line Check Valve	59.50	13.15
		For Work In Restricted Working Space, Add	*9.19*	
22 05 23 00-0067	EA	1" Crimped Bronze, 200 PSI, In-Line Check Valve	69.88	14.95
		For Work In Restricted Working Space, Add	*10.98*	
22 05 23 00-0068	EA	1-1/4" Crimped Bronze, 200 PSI, In-Line Check Valve	88.46	15.91
		For Work In Restricted Working Space, Add	*12.11*	
22 05 23 00-0069	EA	1-1/2" Crimped Bronze, 200 PSI, In-Line Check Valve	113.14	18.41
		For Work In Restricted Working Space, Add	*13.45*	
22 05 23 00-0070	EA	2" Crimped Bronze, 200 PSI, In-Line Check Valve	178.10	21.75
		For Work In Restricted Working Space, Add	*16.14*	
22 05 23 00-0071		Butterfly Valves *(22 05 23)*		
22 05 23 00-0072		Crimped Ductile Iron, 200 PSI, Handle Butterfly Valve *(22 05 23 00-0071)*		
22 05 23 00-0073	EA	2-1/2" Crimped Ductile Iron, 200 PSI, Handle Butterfly Valve	1,371.32	31.92
		For Work In Restricted Working Space, Add	*18.83*	
22 05 23 00-0074	EA	3" Crimped Ductile Iron, 200 PSI, Handle Butterfly Valve	1,483.95	37.07
		For Work In Restricted Working Space, Add	*22.42*	
22 05 23 00-0075	EA	4" Crimped Ductile Iron, 200 PSI, Handle Butterfly Valve	1,854.55	41.85
		For Work In Restricted Working Space, Add	*29.59*	

22 05 29 Hangers and Supports for Plumbing Piping and Equipment *(22 05)*

See CSI section 23 05 29 00-0000 for hangers and supports.

22 05 48 Vibration and Seismic Controls for Plumbing Piping and Equipment *(22 05)*

22 05 48 13 Vibration Controls for Plumbing Piping and Equipment *(22 05 48)*

See CSI section 23 05 48 13-0000 for vibration and seismic control.

22 05 53 Identification for Plumbing Piping and Equipment *(22 05)*

See CSI section 23 05 53 00-0000 for identification.

22 05 76 Facility Drainage Piping Cleanouts *(22 05)*

22 05 76 00-0001 Cast Iron Cleanout With Plug And Cover *(22 05 76)*

Note: For floor installation.

22 05 76 00-0002 Cast Iron Cleanout With Plug And Round Or Square Cover *(22 05 76 00-0001)*

22 05 76 00-0003	EA	2" Floor Cleanout, Round Or Square Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover	764.15	63.60
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Satin Bronze Top, Deduct	*-24.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
22 05 76 00-0004	EA	3" Floor Cleanout, Round Or Square Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover	822.84	79.75
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Satin Bronze Top, Deduct	*-24.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
22 05 76 00-0005	EA	4" Floor Cleanout, Round Or Square Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover	1,028.26	96.36
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Satin Bronze Top, Deduct	*-24.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
22 05 76 00-0006	EA	5" Floor Cleanout, Round Or Square Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover	1,483.86	107.83
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Satin Bronze Top, Deduct	*-24.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 05 76 00-0007	EA	6" Floor Cleanout, Round Or Square Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover	1,830.70	116.80
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Satin Bronze Top, Deduct	*-24.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	

22 05 76 00-0008 Cast Iron Heavy-Duty Cleanout With Plug And Round Cover *(22 05 76 00-0001)*

22 05 76 00-0009	EA	2" Heavy-Duty Floor Cleanout, Round Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover	883.23	63.60
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Satin Bronze Top, Deduct	*-24.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
22 05 76 00-0010	EA	3" Heavy-Duty Floor Cleanout, Round Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover	943.81	79.75
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Satin Bronze Top, Deduct	*-24.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
22 05 76 00-0011	EA	4" Heavy-Duty Floor Cleanout, Round Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover	1,149.23	96.36
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Satin Bronze Top, Deduct	*-24.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
22 05 76 00-0012	EA	5" Heavy-Duty Floor Cleanout, Round Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover	1,604.83	107.83
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Satin Bronze Top, Deduct	*-24.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
22 05 76 00-0013	EA	6" Heavy-Duty Floor Cleanout, Round Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover	1,951.67	116.80
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Satin Bronze Top, Deduct	*-24.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	

22 05 76 00-0014 Wall Cover For Cleanout *(22 05 76)*

Note: Cover and screw only.

22 05 76 00-0015 Round Access Cover, Bronze Polished Top *(22 05 76 00-0014)*

Note: Cover and screw only.

22 05 76 00-0016	EA	4-1/4" Diameter Wall Cover For Cleanout, Screwed	88.71	19.96
		For Stainless Steel, Add	*9.00*	
		For Vandal Proof Screws, Add	*19.50*	
22 05 76 00-0017	EA	5-1/2" Diameter Wall Cover For Cleanout, Screwed	96.69	23.91
		For Stainless Steel, Add	*9.00*	
		For Vandal Proof Screws, Add	*19.50*	
22 05 76 00-0018	EA	7" Diameter Wall Cover For Cleanout, Screwed	121.95	26.90
		For Stainless Steel, Add	*9.00*	
		For Vandal Proof Screws, Add	*19.50*	
22 05 76 00-0019	EA	9-1/4" Diameter Wall Cover For Cleanout, Screwed	199.93	29.89
		For Stainless Steel, Add	*9.00*	
		For Vandal Proof Screws, Add	*19.50*	
22 05 76 00-0020	EA	11-1/4" Diameter Wall Cover For Cleanout, Screwed	295.92	32.88
		For Stainless Steel, Add	*9.00*	
		For Vandal Proof Screws, Add	*19.50*	

22 05 76 00-0021 Square Wall Access Panel, Bronze Polished Top *(22 05 76 00-0014)*

Note: Cover and screw only.

22 05 76 00-0022	EA	7" x 7" Bronze Wall Or Floor Access Cover	588.71	19.96
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0023	EA	9" x 9" Bronze Wall Or Floor Access Cover	849.89	20.92
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0024	EA	10" x 10" Bronze Wall Or Floor Access Cover	908.17	22.12
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0025	EA	14" x 14" Bronze Wall Or Floor Access Cover	1,015.79	25.11
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 05 76 00-0026		Secured Square Wall Access Panel, Bronze Polished Top *(22 05 76 00-0014)*		
		Note: Cover and screw only.		
22 05 76 00-0027	EA	6" x 6" Bronze Secured Wall Access Panel	599.20	19.96
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0028	EA	8" x 8" Bronze Secured Wall Access Panel	865.34	20.92
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0029	EA	10" x 10" Bronze Secured Wall Access Panel	924.69	22.12
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0030	EA	12" x 12" Bronze Secured Wall Access Panel	1,034.26	25.11
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0031		Secure Square Hinged Access Panel, Bronze Polished Top, Scoriated *(22 05 76 00-0014)*		
		Note: Cover and screw only.		
22 05 76 00-0032	EA	6" x 6" Bronze Secured Hinged Access Panel, Scoriated	581.08	19.96
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0033	EA	8" x 8" Bronze Secured Hinged Access Panel, Scoriated	805.78	20.92
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0034	EA	10" x 10" Bronze Secured Hinged Access Panel, Scoriated	1,144.81	22.12
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0035	EA	12" x 12" Bronze Secured Hinged Access Panel, Scoriated	1,386.44	25.11
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0036		Cast Iron Cleanout Tee *(22 05 76)*		
22 05 76 00-0037		Cast Iron Cleanout Tee And Round Access Cover *(22 05 76 00-0036)*		
		Note: Satin smooth secured cover.		
22 05 76 00-0038	EA	2" Cleanout Tee With Bronze Screw Plug And Round Polished Bronze Cover	550.05	63.60
		For Vandal Proof Screws, Add	*18.00*	
		For Galvanized Cast Iron Parts, Add	*45.00*	
22 05 76 00-0039	EA	3" Cleanout Tee With Bronze Screw Plug And Round Polished Bronze Cover	626.29	79.63
		For Vandal Proof Screws, Add	*18.00*	
		For Galvanized Cast Iron Parts, Add	*45.00*	
22 05 76 00-0040	EA	4" Cleanout Tee With Bronze Screw Plug And Round Polished Bronze Cover	820.12	96.36
		For Vandal Proof Screws, Add	*18.00*	
		For Galvanized Cast Iron Parts, Add	*45.00*	
22 05 76 00-0041	EA	6" Cleanout Tee With Bronze Screw Plug And Round Polished Bronze Cover	1,995.13	116.80
		For Vandal Proof Screws, Add	*18.00*	
		For Galvanized Cast Iron Parts, Add	*45.00*	
22 05 76 00-0042		Cast Iron Cleanout Tee And Square Access Cover *(22 05 76 00-0036)*		
		Note: Satin smooth secured cover.		
22 05 76 00-0043	EA	2" Cleanout Tee With Cast Bronze Screw Plug And Square Nickel Bronze Cover	972.92	63.60
		For Vandal Proof Screws, Add	*18.00*	
		For Galvanized Cast Iron Parts, Add	*45.00*	
22 05 76 00-0044	EA	3" Cleanout Tee With Cast Bronze Screw Plug And Square Nickel Bronze Cover	1,049.16	79.63
		For Vandal Proof Screws, Add	*18.00*	
		For Galvanized Cast Iron Parts, Add	*45.00*	
22 05 76 00-0045	EA	4" Cleanout Tee With Cast Bronze Screw Plug And Square Nickel Bronze Cover	1,214.93	96.36
		For Vandal Proof Screws, Add	*18.00*	
		For Galvanized Cast Iron Parts, Add	*45.00*	
22 05 76 00-0046	EA	6" Cleanout Tee With Cast Bronze Screw Plug And Square Nickel Bronze Cover	2,566.31	116.80
		For Vandal Proof Screws, Add	*18.00*	
		For Galvanized Cast Iron Parts, Add	*45.00*	
22 05 76 00-0047		Cast Iron Cleanout Tee With Brass Plug *(22 05 76 00-0036)*		
22 05 76 00-0048	EA	2" Cleanout Tee With Cast Bronze Screw Plug	451.02	52.00
22 05 76 00-0049	EA	3" Cleanout Tee With Cast Bronze Screw Plug	504.72	56.79
22 05 76 00-0050	EA	4" Cleanout Tee With Cast Bronze Screw Plug	672.97	74.73
22 05 76 00-0051	EA	5" Cleanout Tee With Cast Bronze Screw Plug	1,019.40	88.47
22 05 76 00-0052	EA	6" Cleanout Tee With Cast Bronze Screw Plug	1,753.74	104.61
22 05 76 00-0053		Removable Cleanout Plug *(22 05 76)*		
22 05 76 00-0054		Threaded Bronze Plugs *(22 05 76 00-0053)*		
22 05 76 00-0055	EA	1-1/4", 1-1/2" Or 2" Threaded Bronze Plug	83.92	14.95
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0056	EA	2-1/2" Threaded Bronze Plug	101.02	16.26
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0057	EA	3" Threaded Bronze Plug	175.64	17.93
		For Plug Tapped For Center Screw, Add	*9.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 05 76 00-0058	EA	3-1/2" Threaded Bronze Plug	196.34	20.92
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0059	EA	4" Threaded Bronze Plug	221.93	23.91
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0060	EA	5" Threaded Bronze Plug	313.70	26.90
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0061	EA	6" Threaded Bronze Plug	464.29	29.89
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0062	EA	8" Threaded Bronze Plug	788.79	32.88
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0063	EA	10" Threaded Bronze Plug	1,137.90	35.87
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0064		Threaded Brass Plugs *(22 05 76 00-0053)*		
22 05 76 00-0065	EA	1-1/2" Threaded Brass Plug, Raised Head	33.35	14.94
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0066	EA	2" Threaded Brass Plug, Raised Head	33.96	14.94
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0067	EA	2-1/2" Threaded Brass Plug, Raised Head	37.04	16.26
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0068	EA	3" Threaded Brass Plug, Raised Head	41.94	17.93
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0069	EA	3-1/2" Threaded Brass Plug, Raised Head	49.55	20.92
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0070	EA	4" Threaded Brass Plug, Raised Head	58.26	23.91
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0071	EA	4-1/2" Threaded Brass Plug, Raised Head	62.59	25.18
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0072	EA	5" Threaded Brass Plug, Raised Head	67.30	26.90
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0073	EA	6" Threaded Brass Plug, Raised Head	87.91	29.89
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0074	EA	1-1/2" Threaded Brass Plug, Countersunk Head	32.88	14.94
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0075	EA	2" Threaded Brass Plug, Countersunk Head	33.55	14.94
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0076	EA	2-1/2" Threaded Brass Plug, Countersunk Head	38.35	16.26
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0077	EA	3" Threaded Brass Plug, Countersunk Head	42.13	17.93
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0078	EA	3-1/2" Threaded Brass Plug, Countersunk Head	48.99	20.92
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0079	EA	4" Threaded Brass Plug, Countersunk Head	57.37	23.91
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0080	EA	5" Threaded Brass Plug, Countersunk Head	66.82	26.90
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0081	EA	6" Threaded Brass Plug, Countersunk Head	80.06	29.89
		For Plug Tapped For Center Screw, Add	*9.50*	

22 07 Plumbing Insulation *(22)*

22 07 16 Plumbing Equipment Insulation *(22 07)*

22 07 16 00-0001		Lavatory Insulation *(22 07 16)*		
22 07 16 00-0002	EA	Neoprene Insulation Kit For Under Lavatories	377.44	25.82
22 07 16 00-0003		Water Heater Insulation *(22 07 16)*		
22 07 16 00-0004	EA	3" Thick, 48" x 75" Fiberglass Insulation Blanket For Water Heaters	106.63	25.82

22 07 19 Plumbing Piping Insulation *(22 07)*

22 07 19 00-0001		Fiberglass (Glass Fiber) Pipe Insulation *(22 07 19)* Note: Includes factory applied All Service Jacket (ASJ), Self Sealing Lap (SSL) longitudinal seam, butt strip seals, and adhesive. Excludes insulation for fittings (a location requiring purchase of an insulation fitting or cutting and fitting straight sections, excludes couplings, plugs, etc.). For fittings/valves up to 3" add 2 LF for each fitting/valve or 3 LF for each flanged/grooved joint. For fittings/valves >3" add 3 LF for each fitting/valve or 4 LF for each flanged/grooved joint.		
22 07 19 00-0002		1" Thick Fiberglass Pipe Insulation *(22 07 19 00-0001)*		
22 07 19 00-0003	LF	1/2" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	11.92	3.44
		For Work In Restricted Working Space, Add	*2.83*	
		For Single Layer Of Felt Finish, Add	*0.26*	
22 07 19 00-0004	LF	3/4" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	12.28	3.44
		For Work In Restricted Working Space, Add	*2.83*	
		For Single Layer Of Felt Finish, Add	*0.30*	
22 07 19 00-0005	LF	1" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	12.48	3.44
		For Work In Restricted Working Space, Add	*2.87*	
		For Single Layer Of Felt Finish, Add	*0.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0006	LF	1-1/4" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	12.99	3.55
		For Work In Restricted Working Space, Add	*2.91*	
		For Single Layer Of Felt Finish, Add	*0.35*	
22 07 19 00-0007	LF	1-1/2" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	13.37	3.55
		For Work In Restricted Working Space, Add	*2.95*	
		For Single Layer Of Felt Finish, Add	*0.37*	
22 07 19 00-0008	LF	2" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	13.97	3.68
		For Work In Restricted Working Space, Add	*3.03*	
		For Single Layer Of Felt Finish, Add	*0.41*	
22 07 19 00-0009	LF	2-1/2" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	14.77	3.90
		For Work In Restricted Working Space, Add	*3.16*	
		For Single Layer Of Felt Finish, Add	*0.45*	
22 07 19 00-0010	LF	3" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	15.59	4.02
		For Work In Restricted Working Space, Add	*3.24*	
		For Single Layer Of Felt Finish, Add	*0.50*	
22 07 19 00-0011	LF	4" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	17.80	4.25
		For Work In Restricted Working Space, Add	*3.48*	
		For Single Layer Of Felt Finish, Add	*0.65*	
22 07 19 00-0012	LF	6" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	20.68	4.93
		For Work In Restricted Working Space, Add	*3.93*	
		For Single Layer Of Felt Finish, Add	*0.80*	
22 07 19 00-0013	LF	8" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	25.84	5.51
		For Work In Restricted Working Space, Add	*4.51*	
		For Single Layer Of Felt Finish, Add	*1.14*	
22 07 19 00-0014	LF	10" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	30.39	6.55
		For Work In Restricted Working Space, Add	*5.33*	
		For Single Layer Of Felt Finish, Add	*1.33*	
22 07 19 00-0015	LF	12" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	34.83	7.46
		For Work In Restricted Working Space, Add	*6.15*	
		For Single Layer Of Felt Finish, Add	*1.51*	
22 07 19 00-0016	LF	14" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	37.83	8.15
		For Work In Restricted Working Space, Add	*6.36*	
		For Single Layer Of Felt Finish, Add	*1.75*	

22 07 19 00-0017 1-1/2" Thick Fiberglass Pipe Insulation *(22 07 19 00-0001)*

22 07 19 00-0018	LF	1/2" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	14.88	3.54
		For Work In Restricted Working Space, Add	*2.95*	
		For Single Layer Of Felt Finish, Add	*0.53*	
22 07 19 00-0019	LF	3/4" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	15.11	3.54
		For Work In Restricted Working Space, Add	*2.95*	
		For Single Layer Of Felt Finish, Add	*0.55*	
22 07 19 00-0020	LF	1" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	15.96	3.76
		For Work In Restricted Working Space, Add	*3.12*	
		For Single Layer Of Felt Finish, Add	*0.58*	
22 07 19 00-0021	LF	1-1/4" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	16.56	3.84
		For Work In Restricted Working Space, Add	*3.18*	
		For Single Layer Of Felt Finish, Add	*0.63*	
22 07 19 00-0022	LF	1-1/2" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	17.08	3.90
		For Work In Restricted Working Space, Add	*3.24*	
		For Single Layer Of Felt Finish, Add	*0.66*	
22 07 19 00-0023	LF	2" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	18.26	4.11
		For Work In Restricted Working Space, Add	*3.42*	
		For Single Layer Of Felt Finish, Add	*0.72*	
22 07 19 00-0024	LF	2-1/2" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	19.13	4.18
		For Work In Restricted Working Space, Add	*3.48*	
		For Single Layer Of Felt Finish, Add	*0.79*	
22 07 19 00-0025	LF	3" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	19.75	4.33
		For Work In Restricted Working Space, Add	*3.59*	
		For Single Layer Of Felt Finish, Add	*0.82*	
22 07 19 00-0026	LF	4" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	21.87	4.68
		For Work In Restricted Working Space, Add	*3.89*	
		For Single Layer Of Felt Finish, Add	*0.94*	
22 07 19 00-0027	LF	6" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	25.28	5.46
		For Work In Restricted Working Space, Add	*4.54*	
		For Single Layer Of Felt Finish, Add	*1.07*	
22 07 19 00-0028	LF	8" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	28.68	5.76
		For Work In Restricted Working Space, Add	*4.79*	
		For Single Layer Of Felt Finish, Add	*1.34*	
22 07 19 00-0029	LF	10" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	35.15	6.90
		For Work In Restricted Working Space, Add	*5.73*	
		For Single Layer Of Felt Finish, Add	*1.69*	
22 07 19 00-0030	LF	12" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	39.72	8.04
		For Work In Restricted Working Space, Add	*6.68*	
		For Single Layer Of Felt Finish, Add	*1.83*	
22 07 19 00-0031	LF	14" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	44.62	8.80
		For Work In Restricted Working Space, Add	*7.32*	
		For Single Layer Of Felt Finish, Add	*2.12*	

22 07 19 00-0032 2" Thick Fiberglass Pipe Insulation *(22 07 19 00-0001)*

22 07 19 00-0033	LF	1/2" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	18.71	3.90
		For Work In Restricted Working Space, Add	*3.24*	
		For Single Layer Of Felt Finish, Add	*0.83*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0034	LF	3/4" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	18.98	3.90
		For Work In Restricted Working Space, Add	*3.24*	
		For Single Layer Of Felt Finish, Add	*0.86*	
22 07 19 00-0035	LF	1" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	19.68	4.02
		For Work In Restricted Working Space, Add	*3.28*	
		For Single Layer Of Felt Finish, Add	*0.92*	
22 07 19 00-0036	LF	1-1/4" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	20.32	4.02
		For Work In Restricted Working Space, Add	*3.32*	
		For Single Layer Of Felt Finish, Add	*0.97*	
22 07 19 00-0037	LF	1-1/2" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	20.98	4.13
		For Work In Restricted Working Space, Add	*3.36*	
		For Single Layer Of Felt Finish, Add	*1.03*	
22 07 19 00-0038	LF	2" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	21.77	4.25
		For Work In Restricted Working Space, Add	*3.48*	
		For Single Layer Of Felt Finish, Add	*1.07*	
22 07 19 00-0039	LF	2-1/2" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	22.94	4.36
		For Work In Restricted Working Space, Add	*3.61*	
		For Single Layer Of Felt Finish, Add	*1.15*	
22 07 19 00-0040	LF	3" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	24.21	4.59
		For Work In Restricted Working Space, Add	*3.73*	
		For Single Layer Of Felt Finish, Add	*1.24*	
22 07 19 00-0041	LF	4" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	26.59	4.82
		For Work In Restricted Working Space, Add	*3.93*	
		For Single Layer Of Felt Finish, Add	*1.42*	
22 07 19 00-0042	LF	6" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	31.40	5.66
		For Work In Restricted Working Space, Add	*4.72*	
		For Single Layer Of Felt Finish, Add	*1.65*	
22 07 19 00-0043	LF	8" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	35.97	5.98
		For Work In Restricted Working Space, Add	*4.98*	
		For Single Layer Of Felt Finish, Add	*2.03*	
22 07 19 00-0044	LF	10" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	43.05	7.15
		For Work In Restricted Working Space, Add	*5.96*	
		For Single Layer Of Felt Finish, Add	*2.43*	
22 07 19 00-0045	LF	12" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	49.25	8.57
		For Work In Restricted Working Space, Add	*7.14*	
		For Single Layer Of Felt Finish, Add	*2.67*	
22 07 19 00-0046	LF	14" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	61.98	9.35
		For Work In Restricted Working Space, Add	*9.96*	
		For Single Layer Of Felt Finish, Add	*3.02*	
22 07 19 00-0047	LF	16" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	65.97	10.96
		For Work In Restricted Working Space, Add	*9.96*	
		For Single Layer Of Felt Finish, Add	*3.44*	
22 07 19 00-0048	LF	18" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	73.79	11.51
		For Work In Restricted Working Space, Add	*10.46*	
		For Single Layer Of Felt Finish, Add	*4.09*	
22 07 19 00-0049	LF	20" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	83.54	13.15
		For Work In Restricted Working Space, Add	*11.96*	
		For Single Layer Of Felt Finish, Add	*4.59*	
22 07 19 00-0050	LF	24" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	96.58	15.89
		For Work In Restricted Working Space, Add	*14.45*	
		For Single Layer Of Felt Finish, Add	*5.09*	

22 07 19 00-0051 Foamglas (Cellular Glass) Pipe Insulation, Rigid, Closed Cell *(22 07 19)*

Note: Includes adhesive. Excludes fittings (a location requiring purchase of an insulation fitting or cutting and fitting straight sections, excludes couplings, plugs, etc.). For fittings/valves up to 3" add 2 LF for each fitting/valve or 3 LF for each flanged/grooved joint. For fittings/valves >3" add 3 LF for each fitting/valve or 4 LF for each flanged/grooved joint.

22 07 19 00-0052 1" Thick Foamglas Pipe Insulation *(22 07 19 00-0051)*

22 07 19 00-0053	LF	1/2" Diameter Pipe, 1" Thick Foamglas Insulation	20.49	5.60
		For Work In Restricted Working Space, Add	*5.09*	
22 07 19 00-0054	LF	3/4" Diameter Pipe, 1" Thick Foamglas Insulation	21.38	5.60
		For Work In Restricted Working Space, Add	*5.09*	
22 07 19 00-0055	LF	1" Diameter Pipe, 1" Thick Foamglas Insulation	22.53	5.68
		For Work In Restricted Working Space, Add	*5.16*	
22 07 19 00-0056	LF	1-1/4" Diameter Pipe, 1" Thick Foamglas Insulation	23.08	5.76
		For Work In Restricted Working Space, Add	*5.24*	
22 07 19 00-0057	LF	1-1/2" Diameter Pipe, 1" Thick Foamglas Insulation	23.92	5.84
		For Work In Restricted Working Space, Add	*5.31*	
22 07 19 00-0058	LF	2" Diameter Pipe, 1" Thick Foamglas Insulation	25.56	6.00
		For Work In Restricted Working Space, Add	*5.46*	
22 07 19 00-0059	LF	2-1/2" Diameter Pipe, 1" Thick Foamglas Insulation	27.59	6.25
		For Work In Restricted Working Space, Add	*5.68*	
22 07 19 00-0060	LF	3" Diameter Pipe, 1" Thick Foamglas Insulation	29.83	6.41
		For Work In Restricted Working Space, Add	*5.83*	
22 07 19 00-0061	LF	4" Diameter Pipe, 1" Thick Foamglas Insulation	34.61	6.90
		For Work In Restricted Working Space, Add	*6.27*	
22 07 19 00-0062	LF	6" Diameter Pipe, 1" Thick Foamglas Insulation	44.31	7.78
		For Work In Restricted Working Space, Add	*7.08*	

22 07 19 00-0063 1-1/2" Thick Foamglas Pipe Insulation *(22 07 19 00-0051)*

22 07 19 00-0064	LF	1/2" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	24.42	6.21
		For Work In Restricted Working Space, Add	*5.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0065	LF	3/4" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	24.99	6.21
		For Work In Restricted Working Space, Add	*5.46*	
22 07 19 00-0066	LF	1" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	25.80	6.28
		For Work In Restricted Working Space, Add	*5.53*	
22 07 19 00-0067	LF	1-1/4" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	26.45	6.36
		For Work In Restricted Working Space, Add	*5.60*	
22 07 19 00-0068	LF	1-1/2" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	27.05	6.45
		For Work In Restricted Working Space, Add	*5.68*	
22 07 19 00-0069	LF	2" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	29.43	6.67
		For Work In Restricted Working Space, Add	*5.87*	
22 07 19 00-0070	LF	2-1/2" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	33.48	6.92
		For Work In Restricted Working Space, Add	*6.09*	
22 07 19 00-0071	LF	3" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	37.09	7.13
		For Work In Restricted Working Space, Add	*6.27*	
22 07 19 00-0072	LF	4" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	42.14	7.58
		For Work In Restricted Working Space, Add	*6.68*	
22 07 19 00-0073	LF	6" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	49.71	8.60
		For Work In Restricted Working Space, Add	*7.56*	
22 07 19 00-0074	LF	8" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	55.60	9.59
		For Work In Restricted Working Space, Add	*8.43*	
22 07 19 00-0075	LF	10" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	67.60	11.05
		For Work In Restricted Working Space, Add	*9.72*	
22 07 19 00-0076	LF	12" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	80.05	13.73
		For Work In Restricted Working Space, Add	*12.08*	
22 07 19 00-0077	LF	14" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	89.03	14.45
		For Work In Restricted Working Space, Add	*13.13*	
22 07 19 00-0078	LF	16" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	97.96	16.13
		For Work In Restricted Working Space, Add	*14.67*	
22 07 19 00-0079	LF	18" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	110.80	19.08
		For Work In Restricted Working Space, Add	*17.35*	
22 07 19 00-0080	LF	20" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	123.83	21.13
		For Work In Restricted Working Space, Add	*19.21*	
22 07 19 00-0081	LF	24" Diameter Pipe, 1-1/2" Thick Fiberglass Insulation	155.44	23.41
		For Work In Restricted Working Space, Add	*21.28*	

22 07 19 00-0082 2" Thick Foamglas Pipe Insulation *(22 07 19 00-0051)*

22 07 19 00-0083	LF	1/2" Diameter Pipe, 2" Thick Foamglas Insulation	27.55	6.41
		For Work In Restricted Working Space, Add	*5.83*	
22 07 19 00-0084	LF	3/4" Diameter Pipe, 2" Thick Foamglas Insulation	28.43	6.41
		For Work In Restricted Working Space, Add	*5.83*	
22 07 19 00-0085	LF	1" Diameter Pipe, 2" Thick Foamglas Insulation	29.54	6.48
		For Work In Restricted Working Space, Add	*5.90*	
22 07 19 00-0086	LF	1-1/4" Diameter Pipe, 2" Thick Foamglas Insulation	31.16	6.58
		For Work In Restricted Working Space, Add	*5.97*	
22 07 19 00-0087	LF	1-1/2" Diameter Pipe, 2" Thick Foamglas Insulation	32.81	6.66
		For Work In Restricted Working Space, Add	*6.05*	
22 07 19 00-0088	LF	2" Diameter Pipe, 2" Thick Foamglas Insulation	36.83	6.90
		For Work In Restricted Working Space, Add	*6.27*	
22 07 19 00-0089	LF	2-1/2" Diameter Pipe, 2" Thick Foamglas Insulation	38.66	7.15
		For Work In Restricted Working Space, Add	*6.49*	
22 07 19 00-0090	LF	3" Diameter Pipe, 2" Thick Foamglas Insulation	41.56	7.38
		For Work In Restricted Working Space, Add	*6.71*	
22 07 19 00-0091	LF	4" Diameter Pipe, 2" Thick Foamglas Insulation	46.95	7.79
		For Work In Restricted Working Space, Add	*7.08*	
22 07 19 00-0092	LF	6" Diameter Pipe, 2" Thick Foamglas Insulation	56.29	8.85
		For Work In Restricted Working Space, Add	*8.04*	
22 07 19 00-0093	LF	8" Diameter Pipe, 2" Thick Foamglas Insulation	62.67	9.87
		For Work In Restricted Working Space, Add	*8.97*	
22 07 19 00-0094	LF	10" Diameter Pipe, 2" Thick Foamglas Insulation	76.45	11.37
		For Work In Restricted Working Space, Add	*10.34*	
22 07 19 00-0095	LF	12" Diameter Pipe, 2" Thick Foamglas Insulation	94.69	14.14
		For Work In Restricted Working Space, Add	*12.85*	
22 07 19 00-0096	LF	14" Diameter Pipe, 2" Thick Foamglas Insulation	101.06	15.44
		For Work In Restricted Working Space, Add	*14.03*	
22 07 19 00-0097	LF	16" Diameter Pipe, 2" Thick Foamglas Insulation	119.02	19.73
		For Work In Restricted Working Space, Add	*17.93*	
22 07 19 00-0098	LF	18" Diameter Pipe, 2" Thick Foamglas Insulation	130.01	20.71
		For Work In Restricted Working Space, Add	*18.82*	
22 07 19 00-0099	LF	20" Diameter Pipe, 2" Thick Foamglas Insulation	143.60	23.67
		For Work In Restricted Working Space, Add	*21.52*	
22 07 19 00-0100	LF	24" Diameter Pipe, 2" Thick Foamglas Insulation	180.44	28.60
		For Work In Restricted Working Space, Add	*26.00*	

22 07 19 00-0101 2-1/2" Thick Foamglas Pipe Insulation *(22 07 19 00-0051)*

22 07 19 00-0102	LF	1/2" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	33.72	6.96
		For Work In Restricted Working Space, Add	*6.32*	
22 07 19 00-0103	LF	3/4" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	35.21	6.94
		For Work In Restricted Working Space, Add	*6.32*	
22 07 19 00-0104	LF	1" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	37.06	7.06
		For Work In Restricted Working Space, Add	*6.42*	
22 07 19 00-0105	LF	1-1/4" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	38.72	7.12
		For Work In Restricted Working Space, Add	*6.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0106	LF	1-1/2" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	40.39	7.17
		For Work In Restricted Working Space, Add	*6.52*	
22 07 19 00-0107	LF	2" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	43.37	7.46
		For Work In Restricted Working Space, Add	*6.79*	
22 07 19 00-0108	LF	2-1/2" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	46.22	7.72
		For Work In Restricted Working Space, Add	*7.02*	
22 07 19 00-0109	LF	3" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	50.32	7.99
		For Work In Restricted Working Space, Add	*7.27*	
22 07 19 00-0110	LF	4" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	56.56	8.42
		For Work In Restricted Working Space, Add	*7.66*	
22 07 19 00-0111	LF	6" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	67.78	9.59
		For Work In Restricted Working Space, Add	*8.71*	
22 07 19 00-0112	LF	8" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	75.53	10.68
		For Work In Restricted Working Space, Add	*9.71*	
22 07 19 00-0113	LF	10" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	86.13	12.31
		For Work In Restricted Working Space, Add	*11.20*	
22 07 19 00-0114	LF	12" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	107.26	15.31
		For Work In Restricted Working Space, Add	*13.91*	
22 07 19 00-0115	LF	14" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	111.60	16.71
		For Work In Restricted Working Space, Add	*15.19*	
22 07 19 00-0116	LF	16" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	131.04	21.36
		For Work In Restricted Working Space, Add	*19.41*	
22 07 19 00-0117	LF	18" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	142.76	22.42
		For Work In Restricted Working Space, Add	*20.39*	
22 07 19 00-0118	LF	20" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	164.19	25.63
		For Work In Restricted Working Space, Add	*23.30*	
22 07 19 00-0119	LF	24" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	206.01	30.97
		For Work In Restricted Working Space, Add	*28.15*	

22 07 19 00-0120 3" Thick Foamglas Pipe Insulation *(22 07 19 00-0051)*

22 07 19 00-0121	LF	1/2" Diameter Pipe, 3" Thick Foamglas Insulation	41.08	7.39
		For Work In Restricted Working Space, Add	*6.72*	
22 07 19 00-0122	LF	3/4" Diameter Pipe, 3" Thick Foamglas Insulation	41.98	7.39
		For Work In Restricted Working Space, Add	*6.72*	
22 07 19 00-0123	LF	1" Diameter Pipe, 3" Thick Foamglas Insulation	43.24	7.51
		For Work In Restricted Working Space, Add	*6.83*	
22 07 19 00-0124	LF	1-1/4" Diameter Pipe, 3" Thick Foamglas Insulation	44.30	7.56
		For Work In Restricted Working Space, Add	*6.88*	
22 07 19 00-0125	LF	1-1/2" Diameter Pipe, 3" Thick Foamglas Insulation	45.40	7.63
		For Work In Restricted Working Space, Add	*6.93*	
22 07 19 00-0126	LF	2" Diameter Pipe, 3" Thick Foamglas Insulation	48.88	7.94
		For Work In Restricted Working Space, Add	*7.22*	
22 07 19 00-0127	LF	2-1/2" Diameter Pipe, 3" Thick Foamglas Insulation	52.22	8.22
		For Work In Restricted Working Space, Add	*7.47*	
22 07 19 00-0128	LF	3" Diameter Pipe, 3" Thick Foamglas Insulation	59.62	8.50
		For Work In Restricted Working Space, Add	*7.73*	
22 07 19 00-0129	LF	4" Diameter Pipe, 3" Thick Foamglas Insulation	68.30	8.96
		For Work In Restricted Working Space, Add	*8.15*	
22 07 19 00-0130	LF	6" Diameter Pipe, 3" Thick Foamglas Insulation	74.66	10.19
		For Work In Restricted Working Space, Add	*9.26*	
22 07 19 00-0131	LF	8" Diameter Pipe, 3" Thick Foamglas Insulation	84.38	11.36
		For Work In Restricted Working Space, Add	*10.33*	
22 07 19 00-0132	LF	10" Diameter Pipe, 3" Thick Foamglas Insulation	100.82	13.10
		For Work In Restricted Working Space, Add	*11.91*	
22 07 19 00-0133	LF	12" Diameter Pipe, 3" Thick Foamglas Insulation	116.73	16.28
		For Work In Restricted Working Space, Add	*14.80*	
22 07 19 00-0134	LF	14" Diameter Pipe, 3" Thick Foamglas Insulation	124.85	17.77
		For Work In Restricted Working Space, Add	*16.16*	
22 07 19 00-0135	LF	16" Diameter Pipe, 3" Thick Foamglas Insulation	148.53	22.72
		For Work In Restricted Working Space, Add	*20.65*	
22 07 19 00-0136	LF	18" Diameter Pipe, 3" Thick Foamglas Insulation	159.16	23.85
		For Work In Restricted Working Space, Add	*21.69*	
22 07 19 00-0137	LF	20" Diameter Pipe, 3" Thick Foamglas Insulation	186.78	27.27
		For Work In Restricted Working Space, Add	*24.79*	
22 07 19 00-0138	LF	24" Diameter Pipe, 3" Thick Foamglas Insulation	228.48	32.95
		For Work In Restricted Working Space, Add	*29.95*	

22 07 19 00-0139 3-1/2" Thick Foamglas Pipe Insulation *(22 07 19 00-0051)*

22 07 19 00-0140	LF	1/2" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	49.45	8.96
		For Work In Restricted Working Space, Add	*8.15*	
22 07 19 00-0141	LF	3/4" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	50.58	8.96
		For Work In Restricted Working Space, Add	*8.15*	
22 07 19 00-0142	LF	1" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	51.89	9.02
		For Work In Restricted Working Space, Add	*8.21*	
22 07 19 00-0143	LF	1-1/4" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	53.19	9.07
		For Work In Restricted Working Space, Add	*8.26*	
22 07 19 00-0144	LF	1-1/2" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	54.67	9.19
		For Work In Restricted Working Space, Add	*8.36*	
22 07 19 00-0145	LF	2" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	60.39	9.52
		For Work In Restricted Working Space, Add	*8.65*	
22 07 19 00-0146	LF	2-1/2" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	66.14	9.85
		For Work In Restricted Working Space, Add	*8.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0147	LF	3" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	69.94	10.19
		For Work In Restricted Working Space, Add	*9.26*	
22 07 19 00-0148	LF	4" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	74.96	10.77
		For Work In Restricted Working Space, Add	*9.79*	
22 07 19 00-0149	LF	6" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	86.36	12.23
		For Work In Restricted Working Space, Add	*11.12*	
22 07 19 00-0150	LF	8" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	98.30	13.62
		For Work In Restricted Working Space, Add	*12.38*	
22 07 19 00-0151	LF	10" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	117.80	15.72
		For Work In Restricted Working Space, Add	*14.29*	
22 07 19 00-0152	LF	12" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	138.81	19.54
		For Work In Restricted Working Space, Add	*17.76*	
22 07 19 00-0153	LF	14" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	144.43	21.34
		For Work In Restricted Working Space, Add	*19.39*	
22 07 19 00-0154	LF	16" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	172.48	27.27
		For Work In Restricted Working Space, Add	*24.79*	
22 07 19 00-0155	LF	18" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	190.10	28.63
		For Work In Restricted Working Space, Add	*26.03*	
22 07 19 00-0156	LF	20" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	216.37	32.74
		For Work In Restricted Working Space, Add	*29.77*	
22 07 19 00-0157	LF	24" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	265.97	39.53
		For Work In Restricted Working Space, Add	*35.94*	

22 07 19 00-0158 4" Thick Foamglas Pipe Insulation *(22 07 19 00-0051)*

22 07 19 00-0159	LF	1/2" Diameter Pipe, 4" Thick Foamglas Insulation	60.18	11.02
		For Work In Restricted Working Space, Add	*10.01*	
22 07 19 00-0160	LF	3/4" Diameter Pipe, 4" Thick Foamglas Insulation	61.63	11.02
		For Work In Restricted Working Space, Add	*10.01*	
22 07 19 00-0161	LF	1" Diameter Pipe, 4" Thick Foamglas Insulation	63.66	11.20
		For Work In Restricted Working Space, Add	*10.19*	
22 07 19 00-0162	LF	1-1/4" Diameter Pipe, 4" Thick Foamglas Insulation	65.51	11.34
		For Work In Restricted Working Space, Add	*10.31*	
22 07 19 00-0163	LF	1-1/2" Diameter Pipe, 4" Thick Foamglas Insulation	68.04	11.69
		For Work In Restricted Working Space, Add	*10.63*	
22 07 19 00-0164	LF	2" Diameter Pipe, 4" Thick Foamglas Insulation	73.74	12.05
		For Work In Restricted Working Space, Add	*10.96*	
22 07 19 00-0165	LF	2-1/2" Diameter Pipe, 4" Thick Foamglas Insulation	78.89	12.24
		For Work In Restricted Working Space, Add	*11.13*	
22 07 19 00-0166	LF	3" Diameter Pipe, 4" Thick Foamglas Insulation	82.89	12.69
		For Work In Restricted Working Space, Add	*11.54*	
22 07 19 00-0167	LF	4" Diameter Pipe, 4" Thick Foamglas Insulation	90.48	14.15
		For Work In Restricted Working Space, Add	*12.87*	
22 07 19 00-0168	LF	6" Diameter Pipe, 4" Thick Foamglas Insulation	105.14	15.19
		For Work In Restricted Working Space, Add	*13.82*	
22 07 19 00-0169	LF	8" Diameter Pipe, 4" Thick Foamglas Insulation	118.99	16.47
		For Work In Restricted Working Space, Add	*14.98*	
22 07 19 00-0170	LF	10" Diameter Pipe, 4" Thick Foamglas Insulation	135.99	19.58
		For Work In Restricted Working Space, Add	*17.80*	
22 07 19 00-0171	LF	12" Diameter Pipe, 4" Thick Foamglas Insulation	158.28	24.32
		For Work In Restricted Working Space, Add	*22.10*	
22 07 19 00-0172	LF	14" Diameter Pipe, 4" Thick Foamglas Insulation	172.05	26.55
		For Work In Restricted Working Space, Add	*24.15*	
22 07 19 00-0173	LF	16" Diameter Pipe, 4" Thick Foamglas Insulation	203.21	33.95
		For Work In Restricted Working Space, Add	*30.87*	
22 07 19 00-0174	LF	18" Diameter Pipe, 4" Thick Foamglas Insulation	227.00	35.59
		For Work In Restricted Working Space, Add	*32.35*	
22 07 19 00-0175	LF	20" Diameter Pipe, 4" Thick Foamglas Insulation	254.11	40.72
		For Work In Restricted Working Space, Add	*37.02*	
22 07 19 00-0176	LF	24" Diameter Pipe, 4" Thick Foamglas Insulation	323.33	49.21
		For Work In Restricted Working Space, Add	*44.73*	

22 07 19 00-0177 Flexible Polyethylene Tubing Closed Cell Foam Insulation *(22 07 19)*

Note: UV resistant standard temperature (-90 Degree F To +212 Degree F). For elbow fittings/valves add 1 LF for each fitting/valve, for tee fittings add 2 LF for each fitting.

22 07 19 00-0178 3/8" Wall Flexible Polyethylene Tubing Foam Insulation *(22 07 19 00-0177)*

22 07 19 00-0179	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	7.37	3.43
		For Work In Restricted Working Space, Add	*2.06*	
22 07 19 00-0180	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	7.38	3.43
		For Work In Restricted Working Space, Add	*2.07*	
22 07 19 00-0181	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	7.69	3.55
		For Work In Restricted Working Space, Add	*2.14*	
22 07 19 00-0182	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	7.99	3.68
		For Work In Restricted Working Space, Add	*2.21*	
22 07 19 00-0183	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	8.30	3.75
		For Work In Restricted Working Space, Add	*2.24*	
22 07 19 00-0184	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	8.65	3.80
		For Work In Restricted Working Space, Add	*2.28*	
22 07 19 00-0185	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	8.80	3.80
		For Work In Restricted Working Space, Add	*2.29*	
22 07 19 00-0186	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	9.21	3.80
		For Work In Restricted Working Space, Add	*2.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0187	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	10.01	3.92
		For Work In Restricted Working Space, Add	*2.37*	
22 07 19 00-0188	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	10.36	3.98
		For Work In Restricted Working Space, Add	*2.40*	

22 07 19 00-0189 1/2" Wall Flexible Polyethylene Tubing Foam Insulation *(22 07 19 00-0177)*

22 07 19 00-0190	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	8.19	3.75
		For Work In Restricted Working Space, Add	*2.24*	
22 07 19 00-0191	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	8.29	3.75
		For Work In Restricted Working Space, Add	*2.26*	
22 07 19 00-0192	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	8.42	3.80
		For Work In Restricted Working Space, Add	*2.28*	
22 07 19 00-0193	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	8.60	3.82
		For Work In Restricted Working Space, Add	*2.30*	
22 07 19 00-0194	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	9.04	3.92
		For Work In Restricted Working Space, Add	*2.35*	
22 07 19 00-0195	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	9.43	3.98
		For Work In Restricted Working Space, Add	*2.39*	
22 07 19 00-0196	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	9.86	4.04
		For Work In Restricted Working Space, Add	*2.42*	
22 07 19 00-0197	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	10.39	4.10
		For Work In Restricted Working Space, Add	*2.46*	
22 07 19 00-0198	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	11.31	4.22
		For Work In Restricted Working Space, Add	*2.53*	
22 07 19 00-0199	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	12.27	4.28
		For Work In Restricted Working Space, Add	*2.57*	
22 07 19 00-0200	LF	3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	13.18	4.34
		For Work In Restricted Working Space, Add	*2.60*	
22 07 19 00-0201	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	13.72	4.39
		For Work In Restricted Working Space, Add	*2.64*	

22 07 19 00-0202 3/4" Wall Flexible Polyethylene Tubing Foam Insulation *(22 07 19 00-0177)*

22 07 19 00-0203	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	9.14	4.04
		For Work In Restricted Working Space, Add	*2.42*	
22 07 19 00-0204	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	9.26	4.10
		For Work In Restricted Working Space, Add	*2.46*	
22 07 19 00-0205	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	9.88	4.22
		For Work In Restricted Working Space, Add	*2.53*	
22 07 19 00-0206	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	10.15	4.28
		For Work In Restricted Working Space, Add	*2.57*	
22 07 19 00-0207	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	10.92	4.39
		For Work In Restricted Working Space, Add	*2.64*	
22 07 19 00-0208	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	11.71	4.46
		For Work In Restricted Working Space, Add	*2.67*	
22 07 19 00-0209	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	12.07	4.49
		For Work In Restricted Working Space, Add	*2.69*	
22 07 19 00-0210	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	13.54	4.52
		For Work In Restricted Working Space, Add	*2.71*	
22 07 19 00-0211	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	15.56	4.63
		For Work In Restricted Working Space, Add	*2.78*	
22 07 19 00-0212	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	15.67	4.70
		For Work In Restricted Working Space, Add	*2.82*	
22 07 19 00-0213	LF	3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	17.13	4.76
		For Work In Restricted Working Space, Add	*2.86*	
22 07 19 00-0214	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	17.73	4.82
		For Work In Restricted Working Space, Add	*2.89*	

22 07 19 00-0215 1" Wall Flexible Polyethylene Tubing Foam Insulation *(22 07 19 00-0177)*

22 07 19 00-0216	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	10.42	4.46
		For Work In Restricted Working Space, Add	*2.67*	
22 07 19 00-0217	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	10.70	4.52
		For Work In Restricted Working Space, Add	*2.71*	
22 07 19 00-0218	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	11.59	4.63
		For Work In Restricted Working Space, Add	*2.78*	
22 07 19 00-0219	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	11.85	4.70
		For Work In Restricted Working Space, Add	*2.82*	
22 07 19 00-0220	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	13.20	4.82
		For Work In Restricted Working Space, Add	*2.89*	
22 07 19 00-0221	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	13.85	4.94
		For Work In Restricted Working Space, Add	*2.96*	
22 07 19 00-0222	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	14.12	5.00
		For Work In Restricted Working Space, Add	*3.00*	
22 07 19 00-0223	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	15.42	5.06
		For Work In Restricted Working Space, Add	*3.04*	
22 07 19 00-0224	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	16.34	5.19
		For Work In Restricted Working Space, Add	*3.11*	
22 07 19 00-0225	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	17.15	5.25
		For Work In Restricted Working Space, Add	*3.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0226		Flexible Elastomeric Tubing Closed Cell Foam Insulation *(22 07 19)*		
		Note: For elbow fittings/valves add 1 LF for each fitting/valve, for tee fittings add 2 LF for each fitting.		
22 07 19 00-0227		3/8" Wall Flexible Elastomeric Tubing Foam Insulation *(22 07 19 00-0226)*		
22 07 19 00-0228	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	7.50	3.43
		For Work In Restricted Working Space, Add	*2.06*	
22 07 19 00-0229	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	7.60	3.43
		For Work In Restricted Working Space, Add	*2.07*	
22 07 19 00-0230	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	7.90	3.55
		For Work In Restricted Working Space, Add	*2.14*	
22 07 19 00-0231	LF	5/8" I.D. (3/4" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.07	3.61
		For Work In Restricted Working Space, Add	*2.17*	
22 07 19 00-0232	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.25	3.68
		For Work In Restricted Working Space, Add	*2.21*	
22 07 19 00-0233	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.49	3.75
		For Work In Restricted Working Space, Add	*2.24*	
22 07 19 00-0234	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.70	3.80
		For Work In Restricted Working Space, Add	*2.28*	
22 07 19 00-0235	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.90	3.80
		For Work In Restricted Working Space, Add	*2.29*	
22 07 19 00-0236	LF	1-1/2" IPS (1-7/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.07	3.80
		For Work In Restricted Working Space, Add	*2.30*	
22 07 19 00-0237	LF	2" I.D. (2-1/8" O.D.)Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.26	3.86
		For Work In Restricted Working Space, Add	*2.31*	
22 07 19 00-0238	LF	2" IPS (2-3/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.53	3.92
		For Work In Restricted Working Space, Add	*2.35*	
22 07 19 00-0239	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.75	3.92
		For Work In Restricted Working Space, Add	*2.37*	
22 07 19 00-0240	LF	2-1/2" IPS (2-7/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.92	3.98
		For Work In Restricted Working Space, Add	*2.39*	
22 07 19 00-0241	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.15	3.98
		For Work In Restricted Working Space, Add	*2.40*	
22 07 19 00-0242	LF	3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.64	4.04
		For Work In Restricted Working Space, Add	*2.42*	
22 07 19 00-0243	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	11.23	4.10
		For Work In Restricted Working Space, Add	*2.46*	
22 07 19 00-0244	LF	4" IPS (4-1/2" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	11.85	4.12
		For Work In Restricted Working Space, Add	*2.48*	
22 07 19 00-0245		1/2" Wall Flexible Elastomeric Tubing Foam Insulation *(22 07 19 00-0226)*		
22 07 19 00-0246	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.41	3.75
		For Work In Restricted Working Space, Add	*2.24*	
22 07 19 00-0247	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.52	3.75
		For Work In Restricted Working Space, Add	*2.26*	
22 07 19 00-0248	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.64	3.80
		For Work In Restricted Working Space, Add	*2.28*	
22 07 19 00-0249	LF	5/8" I.D. (3/4" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.81	3.80
		For Work In Restricted Working Space, Add	*2.29*	
22 07 19 00-0250	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.93	3.80
		For Work In Restricted Working Space, Add	*2.30*	
22 07 19 00-0251	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.26	3.92
		For Work In Restricted Working Space, Add	*2.35*	
22 07 19 00-0252	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.58	3.98
		For Work In Restricted Working Space, Add	*2.39*	
22 07 19 00-0253	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.86	4.04
		For Work In Restricted Working Space, Add	*2.42*	
22 07 19 00-0254	LF	1-1/2" IPS (1-7/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.13	4.08
		For Work In Restricted Working Space, Add	*2.44*	
22 07 19 00-0255	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.36	4.10
		For Work In Restricted Working Space, Add	*2.46*	
22 07 19 00-0256	LF	2" IPS (2-3/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	11.18	4.17
		For Work In Restricted Working Space, Add	*2.50*	
22 07 19 00-0257	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	11.69	4.22
		For Work In Restricted Working Space, Add	*2.53*	
22 07 19 00-0258	LF	2-1/2" IPS (2-7/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.05	4.26
		For Work In Restricted Working Space, Add	*2.55*	
22 07 19 00-0259	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.37	4.28
		For Work In Restricted Working Space, Add	*2.57*	
22 07 19 00-0260	LF	3" IPS (3-1/2" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.61	4.31
		For Work In Restricted Working Space, Add	*2.59*	
22 07 19 00-0261	LF	3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.82	4.34
		For Work In Restricted Working Space, Add	*2.60*	
22 07 19 00-0262	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	13.75	4.39
		For Work In Restricted Working Space, Add	*2.64*	
22 07 19 00-0263	LF	4" IPS (4-1/2" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	13.98	4.43
		For Work In Restricted Working Space, Add	*2.66*	
22 07 19 00-0264	LF	5" I.D. (5-9/16" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	14.88	4.46
		For Work In Restricted Working Space, Add	*2.67*	
22 07 19 00-0265	LF	6" IPS (6-5/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	15.99	4.58
		For Work In Restricted Working Space, Add	*2.75*	
22 07 19 00-0266	LF	8" IPS (8-5/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	17.22	4.70
		For Work In Restricted Working Space, Add	*2.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

22 07 19 00-0267 3/4" Wall Flexible Elastomeric Tubing Foam Insulation *(22 07 19 00-0226)*

22 07 19 00-0268	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.59	4.04
		For Work In Restricted Working Space, Add	*2.42*	
22 07 19 00-0269	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.84	4.10
		For Work In Restricted Working Space, Add	*2.46*	
22 07 19 00-0270	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.23	4.22
		For Work In Restricted Working Space, Add	*2.53*	
22 07 19 00-0271	LF	5/8" I.D. (3/4" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.43	4.26
		For Work In Restricted Working Space, Add	*2.55*	
22 07 19 00-0272	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.54	4.28
		For Work In Restricted Working Space, Add	*2.57*	
22 07 19 00-0273	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	11.08	4.39
		For Work In Restricted Working Space, Add	*2.64*	
22 07 19 00-0274	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	11.50	4.46
		For Work In Restricted Working Space, Add	*2.67*	
22 07 19 00-0275	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	11.92	4.52
		For Work In Restricted Working Space, Add	*2.71*	
22 07 19 00-0276	LF	1-1/2" IPS (1-7/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.03	4.52
		For Work In Restricted Working Space, Add	*2.71*	
22 07 19 00-0277	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.20	4.55
		For Work In Restricted Working Space, Add	*2.73*	
22 07 19 00-0278	LF	2" IPS (2-3/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.68	4.58
		For Work In Restricted Working Space, Add	*2.75*	
22 07 19 00-0279	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.95	4.63
		For Work In Restricted Working Space, Add	*2.78*	
22 07 19 00-0280	LF	2-1/2" IPS (2-7/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	13.50	4.67
		For Work In Restricted Working Space, Add	*2.80*	
22 07 19 00-0281	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	13.88	4.70
		For Work In Restricted Working Space, Add	*2.82*	
22 07 19 00-0282	LF	3" IPS (3-1/2" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	14.46	4.74
		For Work In Restricted Working Space, Add	*2.84*	
22 07 19 00-0283	LF	3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	14.70	4.76
		For Work In Restricted Working Space, Add	*2.86*	
22 07 19 00-0284	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	15.57	4.82
		For Work In Restricted Working Space, Add	*2.89*	
22 07 19 00-0285	LF	4" IPS (4-1/2" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	16.26	4.85
		For Work In Restricted Working Space, Add	*2.91*	
22 07 19 00-0286	LF	5" IPS (5-9/16" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	17.41	4.87
		For Work In Restricted Working Space, Add	*2.93*	
22 07 19 00-0287	LF	6" IPS (6-5/8" O.D.) Diameter Pipe, 3/4" Flexible Elastomeric Tubing Closed Cell Foam Insulation	18.64	4.94
		For Work In Restricted Working Space, Add	*2.96*	
22 07 19 00-0288	LF	8" IPS (8-5/8" O.D.) Diameter Pipe, 3/4" Flexible Elastomeric Tubing Closed Cell Foam Insulation	20.14	5.06
		For Work In Restricted Working Space, Add	*3.04*	

22 07 19 00-0289 1" Wall Flexible Elastomeric Tubing Foam Insulation *(22 07 19 00-0226)*

22 07 19 00-0290	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	11.12	4.45
		For Work In Restricted Working Space, Add	*2.67*	
22 07 19 00-0291	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	11.43	4.52
		For Work In Restricted Working Space, Add	*2.71*	
22 07 19 00-0292	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	11.84	4.63
		For Work In Restricted Working Space, Add	*2.78*	
22 07 19 00-0293	LF	5/8" I.D. (3/4" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.15	4.67
		For Work In Restricted Working Space, Add	*2.80*	
22 07 19 00-0294	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.42	4.70
		For Work In Restricted Working Space, Add	*2.82*	
22 07 19 00-0295	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.93	4.82
		For Work In Restricted Working Space, Add	*2.89*	
22 07 19 00-0296	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	13.70	4.94
		For Work In Restricted Working Space, Add	*2.96*	
22 07 19 00-0297	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	14.09	4.94
		For Work In Restricted Working Space, Add	*3.00*	
22 07 19 00-0298	LF	1-1/2" IPS (1-7/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	14.58	5.00
		For Work In Restricted Working Space, Add	*3.02*	
22 07 19 00-0299	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	14.77	5.06
		For Work In Restricted Working Space, Add	*3.04*	
22 07 19 00-0300	LF	2" IPS (2-3/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	15.85	5.13
		For Work In Restricted Working Space, Add	*3.08*	
22 07 19 00-0301	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	16.69	5.19
		For Work In Restricted Working Space, Add	*3.11*	
22 07 19 00-0302	LF	2-1/2" IPS (2-7/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	17.74	5.23
		For Work In Restricted Working Space, Add	*3.13*	
22 07 19 00-0303	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	18.06	5.25
		For Work In Restricted Working Space, Add	*3.15*	
22 07 19 00-0304	LF	3" IPS (3-1/2" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	18.61	5.28
		For Work In Restricted Working Space, Add	*3.16*	
22 07 19 00-0305	LF	3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	18.88	5.30
		For Work In Restricted Working Space, Add	*3.18*	
22 07 19 00-0306	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	20.92	5.43
		For Work In Restricted Working Space, Add	*3.25*	
22 07 19 00-0307	LF	4" IPS (4-1/2" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	22.29	5.49
		For Work In Restricted Working Space, Add	*3.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0308	LF	5" IPS (5-9/16" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	24.29	5.54
		For Work In Restricted Working Space, Add	*3.33*	
22 07 19 00-0309	LF	6" IPS (6-5/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	26.44	5.67
		For Work In Restricted Working Space, Add	*3.40*	

22 07 19 00-0310 1-1/2" Wall Flexible Elastomeric Tubing Foam Insulation *(22 07 19 00-0226)*

22 07 19 00-0311	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	16.26	4.99
		For Work In Restricted Working Space, Add	*2.99*	
22 07 19 00-0312	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	16.67	5.10
		For Work In Restricted Working Space, Add	*3.06*	
22 07 19 00-0313	LF	5/8" I.D. (3/4" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	16.99	5.13
		For Work In Restricted Working Space, Add	*3.08*	
22 07 19 00-0314	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	17.30	5.18
		For Work In Restricted Working Space, Add	*3.09*	
22 07 19 00-0315	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	17.78	5.29
		For Work In Restricted Working Space, Add	*3.17*	
22 07 19 00-0316	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	18.57	5.49
		For Work In Restricted Working Space, Add	*3.29*	
22 07 19 00-0317	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	19.57	5.41
		For Work In Restricted Working Space, Add	*3.32*	
22 07 19 00-0318	LF	1-1/2" IPS (1-7/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	20.45	5.53
		For Work In Restricted Working Space, Add	*3.36*	
22 07 19 00-0319	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	21.01	5.67
		For Work In Restricted Working Space, Add	*3.40*	
22 07 19 00-0320	LF	2" IPS (2-3/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	22.66	5.74
		For Work In Restricted Working Space, Add	*3.44*	
22 07 19 00-0321	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	24.24	5.81
		For Work In Restricted Working Space, Add	*3.47*	
22 07 19 00-0322	LF	2-1/2" IPS (2-7/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	24.98	5.83
		For Work In Restricted Working Space, Add	*3.49*	
22 07 19 00-0323	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	25.71	5.84
		For Work In Restricted Working Space, Add	*3.51*	
22 07 19 00-0324	LF	3" IPS (3-1/2" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	26.57	5.87
		For Work In Restricted Working Space, Add	*3.53*	
22 07 19 00-0325	LF	3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	27.12	5.90
		For Work In Restricted Working Space, Add	*3.54*	
22 07 19 00-0326	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	30.08	6.11
		For Work In Restricted Working Space, Add	*3.66*	
22 07 19 00-0327	LF	4" IPS (4-1/2" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	31.69	6.21
		For Work In Restricted Working Space, Add	*3.72*	
22 07 19 00-0328	LF	5" IPS (5-9/16" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	35.48	6.30
		For Work In Restricted Working Space, Add	*3.78*	
22 07 19 00-0329	LF	6" IPS (6-5/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	39.29	6.49
		For Work In Restricted Working Space, Add	*3.89*	

22 07 19 00-0330 2" Wall Flexible Elastomeric Tubing Foam Insulation *(22 07 19 00-0226)*

22 07 19 00-0331	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	22.86	5.51
		For Work In Restricted Working Space, Add	*3.31*	
22 07 19 00-0332	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	23.72	5.59
		For Work In Restricted Working Space, Add	*3.38*	
22 07 19 00-0333	LF	5/8" I.D. (3/4" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	25.12	5.64
		For Work In Restricted Working Space, Add	*3.39*	
22 07 19 00-0334	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	25.62	5.68
		For Work In Restricted Working Space, Add	*3.40*	
22 07 19 00-0335	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	26.85	5.80
		For Work In Restricted Working Space, Add	*3.47*	
22 07 19 00-0336	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	28.42	6.07
		For Work In Restricted Working Space, Add	*3.64*	
22 07 19 00-0337	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	29.29	5.92
		For Work In Restricted Working Space, Add	*3.66*	
22 07 19 00-0338	LF	1-1/2" IPS (1-7/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	30.86	6.13
		For Work In Restricted Working Space, Add	*3.73*	
22 07 19 00-0339	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	32.38	6.33
		For Work In Restricted Working Space, Add	*3.80*	
22 07 19 00-0340	LF	2" IPS (2-3/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	33.39	6.41
		For Work In Restricted Working Space, Add	*3.84*	
22 07 19 00-0341	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	35.43	6.49
		For Work In Restricted Working Space, Add	*3.87*	
22 07 19 00-0342	LF	2-1/2" IPS (2-7/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	35.69	6.50
		For Work In Restricted Working Space, Add	*3.90*	
22 07 19 00-0343	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	37.59	6.51
		For Work In Restricted Working Space, Add	*3.92*	
22 07 19 00-0344	LF	3" IPS (3-1/2" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	38.90	6.55
		For Work In Restricted Working Space, Add	*3.93*	
22 07 19 00-0345	LF	3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	40.31	6.58
		For Work In Restricted Working Space, Add	*3.94*	
22 07 19 00-0346	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	45.07	6.89
		For Work In Restricted Working Space, Add	*4.12*	
22 07 19 00-0347	LF	4" IPS (4-1/2" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	47.84	7.02
		For Work In Restricted Working Space, Add	*4.21*	
22 07 19 00-0348	LF	5" IPS (5-9/16" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	48.69	7.16
		For Work In Restricted Working Space, Add	*4.30*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0349	LF	6" IPS (6-5/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	54.41	7.45
		For Work In Restricted Working Space, Add	*4.46*	

22 07 19 00-0350 Flexible Polyolefin Tubing Closed Cell Foam Insulation *(22 07 19)*

Note: UV stabilized, work temperature (-110 degree F to +210 degree F) 0 water vapor transmission. For elbow fittings/valves add 1 LF for each fitting/valve, for tee fittings add 2 LF for each fitting.

22 07 19 00-0351 3/8" Wall Flexible Polyolefin Tubing Foam Insulation *(22 07 19 00-0350)*

22 07 19 00-0352	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	7.44	3.43
		For Work In Restricted Working Space, Add	*2.06*	
22 07 19 00-0353	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	7.53	3.43
		For Work In Restricted Working Space, Add	*2.07*	
22 07 19 00-0354	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	7.81	3.55
		For Work In Restricted Working Space, Add	*2.14*	
22 07 19 00-0355	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.14	3.68
		For Work In Restricted Working Space, Add	*2.21*	
22 07 19 00-0356	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.36	3.75
		For Work In Restricted Working Space, Add	*2.24*	
22 07 19 00-0357	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.74	3.80
		For Work In Restricted Working Space, Add	*2.28*	
22 07 19 00-0358	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	9.03	3.80
		For Work In Restricted Working Space, Add	*2.29*	
22 07 19 00-0359	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	9.24	3.92
		For Work In Restricted Working Space, Add	*2.30*	
22 07 19 00-0360	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	10.18	3.92
		For Work In Restricted Working Space, Add	*2.37*	
22 07 19 00-0361	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	11.02	3.98
		For Work In Restricted Working Space, Add	*2.40*	
22 07 19 00-0362	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	13.17	4.10
		For Work In Restricted Working Space, Add	*2.46*	

22 07 19 00-0363 1/2" Wall Flexible Polyolefin Tubing Foam Insulation *(22 07 19 00-0350)*

22 07 19 00-0364	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.34	3.75
		For Work In Restricted Working Space, Add	*2.24*	
22 07 19 00-0365	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.42	3.75
		For Work In Restricted Working Space, Add	*2.26*	
22 07 19 00-0366	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.58	3.80
		For Work In Restricted Working Space, Add	*2.28*	
22 07 19 00-0367	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.82	3.80
		For Work In Restricted Working Space, Add	*2.30*	
22 07 19 00-0368	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	9.10	3.92
		For Work In Restricted Working Space, Add	*2.35*	
22 07 19 00-0369	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	9.53	3.98
		For Work In Restricted Working Space, Add	*2.39*	
22 07 19 00-0370	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	9.99	4.04
		For Work In Restricted Working Space, Add	*2.42*	
22 07 19 00-0371	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	10.44	4.10
		For Work In Restricted Working Space, Add	*2.46*	
22 07 19 00-0372	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	11.45	4.22
		For Work In Restricted Working Space, Add	*2.53*	
22 07 19 00-0373	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	12.33	4.28
		For Work In Restricted Working Space, Add	*2.57*	
22 07 19 00-0374	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	14.03	4.39
		For Work In Restricted Working Space, Add	*2.64*	

22 07 19 00-0375 3/4" Wall Flexible Polyolefin Tubing Foam Insulation *(22 07 19 00-0350)*

22 07 19 00-0376	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	9.38	4.04
		For Work In Restricted Working Space, Add	*2.42*	
22 07 19 00-0377	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	9.70	4.10
		For Work In Restricted Working Space, Add	*2.46*	
22 07 19 00-0378	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	10.10	4.22
		For Work In Restricted Working Space, Add	*2.53*	
22 07 19 00-0379	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	10.70	4.28
		For Work In Restricted Working Space, Add	*2.57*	
22 07 19 00-0380	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	11.27	4.39
		For Work In Restricted Working Space, Add	*2.64*	
22 07 19 00-0381	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	12.25	4.46
		For Work In Restricted Working Space, Add	*2.67*	
22 07 19 00-0382	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	12.90	4.46
		For Work In Restricted Working Space, Add	*2.69*	
22 07 19 00-0383	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	13.63	4.52
		For Work In Restricted Working Space, Add	*2.71*	
22 07 19 00-0384	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	15.04	4.63
		For Work In Restricted Working Space, Add	*2.78*	
22 07 19 00-0385	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	16.32	4.70
		For Work In Restricted Working Space, Add	*2.82*	
22 07 19 00-0386	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	18.79	4.82
		For Work In Restricted Working Space, Add	*2.89*	

22 07 19 00-0387 1" Wall Flexible Polyolefin Tubing Foam Insulation *(22 07 19 00-0350)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0388	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	11.18	4.46
		For Work In Restricted Working Space, Add	*2.67*	
22 07 19 00-0389	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	11.36	4.52
		For Work In Restricted Working Space, Add	*2.71*	
22 07 19 00-0390	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	11.75	4.63
		For Work In Restricted Working Space, Add	*2.78*	
22 07 19 00-0391	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	12.63	4.70
		For Work In Restricted Working Space, Add	*2.82*	
22 07 19 00-0392	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	13.36	4.82
		For Work In Restricted Working Space, Add	*2.89*	
22 07 19 00-0393	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	14.11	4.94
		For Work In Restricted Working Space, Add	*2.96*	
22 07 19 00-0394	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	14.84	4.94
		For Work In Restricted Working Space, Add	*3.00*	
22 07 19 00-0395	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	16.47	5.06
		For Work In Restricted Working Space, Add	*3.04*	
22 07 19 00-0396	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	18.65	5.19
		For Work In Restricted Working Space, Add	*3.11*	
22 07 19 00-0397	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	20.20	5.25
		For Work In Restricted Working Space, Add	*3.15*	

22 07 19 00-0398 Insulation Protective Jacketing *(22 07 19)*

Note: Jacketing only and to be added to insulation prices when required.

22 07 19 00-0399 Aluminum Insulation Protective Jacketing With Bands *(22 07 19 00-0398)*

22 07 19 00-0400 Aluminum Roll, Insulation Protective Jacketing With Bands *(22 07 19 00-0399)*

22 07 19 00-0401	SF	0.006" Aluminum Insulation Jacket With Bands	17.44	7.34
22 07 19 00-0402	SF	0.010" Aluminum Insulation Jacket With Bands	17.79	7.34
22 07 19 00-0403	SF	0.016" Aluminum Insulation Jacket With Bands	18.13	7.34
22 07 19 00-0404	SF	0.020" Aluminum Insulation Jacket With Bands	18.44	7.34
22 07 19 00-0405	SF	0.024" Aluminum Insulation Jacket With Bands	18.72	7.34

22 07 19 00-0406 16 Mil, Aluminum Insulation Protective Jacketing With Polykraft Moisture Barrier And Bands *(22 07 19 00-0399)*

22 07 19 00-0407	LF	1/2" ID, 0.016" Aluminum Insulation Jacketing	9.12	2.08
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.02*	
22 07 19 00-0408	LF	3/4" ID, 0.016" Aluminum Insulation Jacketing	9.54	2.13
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.03*	
22 07 19 00-0409	LF	1" ID, 0.016" Aluminum Insulation Jacketing	9.96	2.19
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.03*	
22 07 19 00-0410	LF	1-1/4" ID, 0.016" Aluminum Insulation Jacketing	10.40	2.24
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.04*	
22 07 19 00-0411	LF	1-1/2" ID, 0.016" Aluminum Insulation Jacketing	10.77	2.28
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.04*	
22 07 19 00-0412	LF	1-3/4" ID, 0.016" Aluminum Insulation Jacketing	11.12	2.31
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	
22 07 19 00-0413	LF	2" ID, 0.016" Aluminum Insulation Jacketing	11.54	2.36
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	
22 07 19 00-0414	LF	2-1/4" ID, 0.016" Aluminum Insulation Jacketing	11.98	2.41
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.06*	
22 07 19 00-0415	LF	2-1/2" ID, 0.016" Aluminum Insulation Jacketing	12.44	2.46
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.07*	
22 07 19 00-0416	LF	2-3/4" ID, 0.016" Aluminum Insulation Jacketing	12.82	2.50
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.07*	
22 07 19 00-0417	LF	3" ID, 0.016" Aluminum Insulation Jacketing	13.30	2.55
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.08*	
22 07 19 00-0418	LF	3-1/4" ID, 0.016" Aluminum Insulation Jacketing	13.76	2.61
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.08*	
22 07 19 00-0419	LF	3-1/2" ID, 0.016" Aluminum Insulation Jacketing	14.22	2.67
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.09*	
22 07 19 00-0420	LF	3-3/4" ID, 0.016" Aluminum Insulation Jacketing	14.65	2.72
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.09*	
22 07 19 00-0421	LF	4" ID, 0.016" Aluminum Insulation Jacketing	15.14	2.78
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.10*	
22 07 19 00-0422	LF	4-1/4" ID, 0.016" Aluminum Insulation Jacketing	15.65	2.85
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0423	LF	4-1/2" ID, 0.016" Aluminum Insulation Jacketing	16.18	2.92
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.11*	
22 07 19 00-0424	LF	4-3/4" ID, 0.016" Aluminum Insulation Jacketing	16.64	2.98
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.12*	
22 07 19 00-0425	LF	5" ID, 0.016" Aluminum Insulation Jacketing	17.19	3.06
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.12*	
22 07 19 00-0426	LF	5-1/4" ID, 0.016" Aluminum Insulation Jacketing	17.75	3.14
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.13*	
22 07 19 00-0427	LF	5-1/2" ID, 0.016" Aluminum Insulation Jacketing	18.24	3.21
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.14*	
22 07 19 00-0428	LF	5-3/4" ID, 0.016" Aluminum Insulation Jacketing	18.87	3.30
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.14*	
22 07 19 00-0429	LF	6" ID, 0.016" Aluminum Insulation Jacketing	19.48	3.40
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.15*	
22 07 19 00-0430	LF	6-1/4" ID, 0.016" Aluminum Insulation Jacketing	19.92	3.45
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.15*	
22 07 19 00-0431	LF	6-1/2" ID, 0.016" Aluminum Insulation Jacketing	20.36	3.50
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.16*	
22 07 19 00-0432	LF	7" ID, 0.016" Aluminum Insulation Jacketing	21.11	3.58
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.17*	
22 07 19 00-0433	LF	7-1/4" ID, 0.016" Aluminum Insulation Jacketing	21.68	3.68
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.17*	
22 07 19 00-0434	LF	7-1/2" ID, 0.016" Aluminum Insulation Jacketing	22.14	3.74
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.18*	
22 07 19 00-0435	LF	8" ID, 0.016" Aluminum Insulation Jacketing	22.86	3.80
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.19*	
22 07 19 00-0436	LF	8-1/2" ID, 0.016" Aluminum Insulation Jacketing	23.56	3.86
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.20*	
22 07 19 00-0437	LF	9" ID, 0.016" Aluminum Insulation Jacketing	24.42	3.96
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.21*	
22 07 19 00-0438	LF	9-1/2" ID, 0.016" Aluminum Insulation Jacketing	25.17	4.03
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.23*	
22 07 19 00-0439	LF	10" ID, 0.016" Aluminum Insulation Jacketing	25.91	4.10
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.24*	
22 07 19 00-0440	LF	10-1/2" ID, 0.016" Aluminum Insulation Jacketing	26.68	4.17
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.25*	
22 07 19 00-0441	LF	11" ID, 0.0106 Aluminum Insulation Jacketing	27.59	4.29
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.26*	
22 07 19 00-0442	LF	11-1/2" ID, 0.016" Aluminum Insulation Jacketing	28.41	4.37
		For Stucco Embossed, Add	*0.11*	
		For Corrugated, Add	*0.27*	
22 07 19 00-0443	LF	12" ID, 0.016" Aluminum Insulation Jacketing	29.19	4.46
		For Stucco Embossed, Add	*0.11*	
		For Corrugated, Add	*0.28*	
22 07 19 00-0444	LF	12-1/2" ID, 0.016" Aluminum Insulation Jacketing	30.19	4.59
		For Stucco Embossed, Add	*0.12*	
		For Corrugated, Add	*0.30*	
22 07 19 00-0445	LF	13" ID, 0.016" Aluminum Insulation Jacketing	30.83	4.63
		For Stucco Embossed, Add	*0.12*	
		For Corrugated, Add	*0.31*	
22 07 19 00-0446	LF	14" ID, 0.016" Aluminum Insulation Jacketing	31.96	4.68
		For Stucco Embossed, Add	*0.13*	
		For Corrugated, Add	*0.33*	
22 07 19 00-0447	LF	15" ID, 0.016" Aluminum Insulation Jacketing	33.25	4.78
		For Stucco Embossed, Add	*0.14*	
		For Corrugated, Add	*0.35*	
22 07 19 00-0448	LF	16" ID, 0.016" Aluminum Insulation Jacketing	34.39	4.83
		For Stucco Embossed, Add	*0.15*	
		For Corrugated, Add	*0.38*	
22 07 19 00-0449	LF	17" ID, 0.016" Aluminum Insulation Jacketing	35.73	4.93
		For Stucco Embossed, Add	*0.16*	
		For Corrugated, Add	*0.40*	
22 07 19 00-0450	LF	18" ID, 0.016" Aluminum Insulation Jacketing	36.56	4.98
		For Stucco Embossed, Add	*0.17*	
		For Corrugated, Add	*0.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0451	LF	19" ID, 0.016" Aluminum Insulation Jacketing	38.23	5.10
		For Stucco Embossed, Add	*0.18*	
		For Corrugated, Add	*0.45*	
22 07 19 00-0452	LF	20" ID, 0.016" Aluminum Insulation Jacketing	39.39	5.16
		For Stucco Embossed, Add	*0.19*	
		For Corrugated, Add	*0.47*	
22 07 19 00-0453	LF	21" ID, 0.016" Aluminum Insulation Jacketing	40.78	5.28
		For Stucco Embossed, Add	*0.20*	
		For Corrugated, Add	*0.49*	
22 07 19 00-0454	LF	22" ID, 0.016" Aluminum Insulation Jacketing	41.93	5.34
		For Stucco Embossed, Add	*0.21*	
		For Corrugated, Add	*0.51*	
22 07 19 00-0455	LF	23" ID, 0.016" Aluminum Insulation Jacketing	43.38	5.47
		For Stucco Embossed, Add	*0.22*	
		For Corrugated, Add	*0.54*	
22 07 19 00-0456	LF	24" ID, 0.016" Aluminum Insulation Jacketing	44.55	5.53
		For Stucco Embossed, Add	*0.22*	
		For Corrugated, Add	*0.56*	

22 07 19 00-0457 20 Mil, Aluminum Insulation Protective Jacketing With Polykraft Moisture Barrier And Bands *(22 07 19 00-0399)*

22 07 19 00-0458	LF	1/2" ID, 0.020" Aluminum Insulation Jacketing	10.15	2.30
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.02*	
22 07 19 00-0459	LF	3/4" ID, 0.020" Aluminum Insulation Jacketing	10.65	2.35
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.03*	
22 07 19 00-0460	LF	1" ID, 0.020" Aluminum Insulation Jacketing	11.17	2.41
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.04*	
22 07 19 00-0461	LF	1-1/4" ID, 0.020" Aluminum Insulation Jacketing	11.69	2.47
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	
22 07 19 00-0462	LF	1-1/2" ID, 0.020" Aluminum Insulation Jacketing	12.13	2.50
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	
22 07 19 00-0463	LF	1-3/4" ID, 0.020" Aluminum Insulation Jacketing	12.57	2.54
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.06*	
22 07 19 00-0464	LF	2" ID, 0.020" Aluminum Insulation Jacketing	13.07	2.59
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.07*	
22 07 19 00-0465	LF	2-1/4" ID, 0.020" Aluminum Insulation Jacketing	13.57	2.65
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.08*	
22 07 19 00-0466	LF	2-1/2" ID, 0.020" Aluminum Insulation Jacketing	14.12	2.70
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.08*	
22 07 19 00-0467	LF	2-3/4" ID, 0.020" Aluminum Insulation Jacketing	14.59	2.75
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.09*	
22 07 19 00-0468	LF	3" ID, 0.020" Aluminum Insulation Jacketing	15.16	2.81
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.10*	
22 07 19 00-0469	LF	3-1/4" ID, 0.020" Aluminum Insulation Jacketing	15.70	2.87
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.11*	
22 07 19 00-0470	LF	3-1/2" ID, 0.020" Aluminum Insulation Jacketing	16.25	2.94
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.11*	
22 07 19 00-0471	LF	3-3/4" ID, 0.020" Aluminum Insulation Jacketing	16.75	2.99
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.12*	
22 07 19 00-0472	LF	4" ID, 0.020" Aluminum Insulation Jacketing	17.33	3.06
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.13*	
22 07 19 00-0473	LF	4-1/4" ID, 0.020" Aluminum Insulation Jacketing	17.93	3.13
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.13*	
22 07 19 00-0474	LF	4-1/2" ID, 0.020" Aluminum Insulation Jacketing	18.57	3.21
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.14*	
22 07 19 00-0475	LF	4-3/4" ID, 0.020" Aluminum Insulation Jacketing	19.10	3.28
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.15*	
22 07 19 00-0476	LF	5" ID, 0.020" Aluminum Insulation Jacketing	19.74	3.36
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.16*	
22 07 19 00-0477	LF	5-1/4" ID, 0.020" Aluminum Insulation Jacketing	20.41	3.45
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.16*	
22 07 19 00-0478	LF	5-1/2" ID, 0.020" Aluminum Insulation Jacketing	20.99	3.53
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0479	LF	5-3/4" ID, 0.020" Aluminum Insulation Jacketing	21.72	3.64
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.18*	
22 07 19 00-0480	LF	6" ID, 0.020" Aluminum Insulation Jacketing	22.43	3.74
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.19*	
22 07 19 00-0481	LF	6-1/4" ID, 0.020" Aluminum Insulation Jacketing	22.94	3.80
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.19*	
22 07 19 00-0482	LF	6-1/2" ID, 0.020" Aluminum Insulation Jacketing	23.47	3.86
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.20*	
22 07 19 00-0483	LF	7" ID, 0.020" Aluminum Insulation Jacketing	24.37	3.95
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.21*	
22 07 19 00-0484	LF	7-1/4" ID, 0.020" Aluminum Insulation Jacketing	25.04	4.04
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.22*	
22 07 19 00-0485	LF	7-1/2" ID, 0.020" Aluminum Insulation Jacketing	25.59	4.11
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.23*	
22 07 19 00-0486	LF	8" ID, 0.020" Aluminum Insulation Jacketing	26.46	4.18
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.24*	
22 07 19 00-0487	LF	8-1/2" ID, 0.020" Aluminum Insulation Jacketing	27.30	4.24
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.26*	
22 07 19 00-0488	LF	9" ID, 0.020" Aluminum Insulation Jacketing	28.31	4.35
		For Stucco Embossed, Add	*0.11*	
		For Corrugated, Add	*0.27*	
22 07 19 00-0489	LF	9-1/2" ID, 0.020" Aluminum Insulation Jacketing	29.23	4.43
		For Stucco Embossed, Add	*0.12*	
		For Corrugated, Add	*0.29*	
22 07 19 00-0490	LF	10" ID, 0.020" Aluminum Insulation Jacketing	30.13	4.51
		For Stucco Embossed, Add	*0.12*	
		For Corrugated, Add	*0.30*	
22 07 19 00-0491	LF	10-1/2" ID, 0.020" Aluminum Insulation Jacketing	31.03	4.59
		For Stucco Embossed, Add	*0.13*	
		For Corrugated, Add	*0.32*	
22 07 19 00-0492	LF	11" ID, 0.0106 Aluminum Insulation Jacketing	32.12	4.72
		For Stucco Embossed, Add	*0.13*	
		For Corrugated, Add	*0.33*	
22 07 19 00-0493	LF	11-1/2" ID, 0.020" Aluminum Insulation Jacketing	33.09	4.81
		For Stucco Embossed, Add	*0.14*	
		For Corrugated, Add	*0.35*	
22 07 19 00-0494	LF	12" ID, 0.020" Aluminum Insulation Jacketing	34.05	4.90
		For Stucco Embossed, Add	*0.14*	
		For Corrugated, Add	*0.36*	
22 07 19 00-0495	LF	12-1/2" ID, 0.020" Aluminum Insulation Jacketing	35.22	5.04
		For Stucco Embossed, Add	*0.15*	
		For Corrugated, Add	*0.38*	
22 07 19 00-0496	LF	13" ID, 0.020" Aluminum Insulation Jacketing	36.00	5.11
		For Stucco Embossed, Add	*0.16*	
		For Corrugated, Add	*0.39*	
22 07 19 00-0497	LF	14" ID, 0.020" Aluminum Insulation Jacketing	37.40	5.16
		For Stucco Embossed, Add	*0.17*	
		For Corrugated, Add	*0.42*	
22 07 19 00-0498	LF	15" ID, 0.020" Aluminum Insulation Jacketing	38.98	5.26
		For Stucco Embossed, Add	*0.18*	
		For Corrugated, Add	*0.45*	
22 07 19 00-0499	LF	16" ID, 0.020" Aluminum Insulation Jacketing	40.40	5.32
		For Stucco Embossed, Add	*0.19*	
		For Corrugated, Add	*0.48*	
22 07 19 00-0500	LF	17" ID, 0.020" Aluminum Insulation Jacketing	42.01	5.43
		For Stucco Embossed, Add	*0.20*	
		For Corrugated, Add	*0.51*	
22 07 19 00-0501	LF	18" ID, 0.020" Aluminum Insulation Jacketing	43.04	5.49
		For Stucco Embossed, Add	*0.21*	
		For Corrugated, Add	*0.53*	
22 07 19 00-0502	LF	19" ID, 0.020" Aluminum Insulation Jacketing	45.08	5.61
		For Stucco Embossed, Add	*0.23*	
		For Corrugated, Add	*0.57*	
22 07 19 00-0503	LF	20" ID, 0.020" Aluminum Insulation Jacketing	46.53	5.67
		For Stucco Embossed, Add	*0.24*	
		For Corrugated, Add	*0.60*	
22 07 19 00-0504	LF	21" ID, 0.020" Aluminum Insulation Jacketing	48.20	5.80
		For Stucco Embossed, Add	*0.25*	
		For Corrugated, Add	*0.62*	
22 07 19 00-0505	LF	22" ID, 0.020" Aluminum Insulation Jacketing	49.62	5.87
		For Stucco Embossed, Add	*0.26*	
		For Corrugated, Add	*0.65*	
22 07 19 00-0506	LF	23" ID, 0.020" Aluminum Insulation Jacketing	51.38	6.01
		For Stucco Embossed, Add	*0.27*	
		For Corrugated, Add	*0.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0507	LF	24" ID, 0.020" Aluminum Insulation Jacketing	52.82	6.08
		For Stucco Embossed, Add	*0.28*	
		For Corrugated, Add	*0.71*	

22 07 19 00-0508 24 Mil, Aluminum Insulation Protective Jacketing With Polykraft Moisture Barrier And Bands *(22 07 19 00-0399)*

22 07 19 00-0509	LF	1/2" ID, 0.024" Aluminum Insulation Jacketing	11.19	2.51
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.03*	
22 07 19 00-0510	LF	3/4" ID, 0.024" Aluminum Insulation Jacketing	11.76	2.56
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.04*	
22 07 19 00-0511	LF	1" ID, 0.024" Aluminum Insulation Jacketing	12.35	2.62
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	
22 07 19 00-0512	LF	1-1/4" ID, 0.024" Aluminum Insulation Jacketing	12.94	2.69
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.06*	
22 07 19 00-0513	LF	1-1/2" ID, 0.024" Aluminum Insulation Jacketing	13.46	2.73
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.06*	
22 07 19 00-0514	LF	1-3/4" ID, 0.024" Aluminum Insulation Jacketing	13.97	2.77
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.07*	
22 07 19 00-0515	LF	2" ID, 0.024" Aluminum Insulation Jacketing	14.54	2.83
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.08*	
22 07 19 00-0516	LF	2-1/4" ID, 0.024" Aluminum Insulation Jacketing	15.13	2.88
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.09*	
22 07 19 00-0517	LF	2-1/2" ID, 0.024" Aluminum Insulation Jacketing	15.76	2.95
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.10*	
22 07 19 00-0518	LF	2-3/4" ID, 0.024" Aluminum Insulation Jacketing	16.29	2.99
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.11*	
22 07 19 00-0519	LF	3" ID, 0.024" Aluminum Insulation Jacketing	16.95	3.06
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.12*	
22 07 19 00-0520	LF	3-1/4" ID, 0.024" Aluminum Insulation Jacketing	17.58	3.13
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.13*	
22 07 19 00-0521	LF	3-1/2" ID, 0.024" Aluminum Insulation Jacketing	18.21	3.20
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.14*	
22 07 19 00-0522	LF	3-3/4" ID, 0.024" Aluminum Insulation Jacketing	18.79	3.26
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.14*	
22 07 19 00-0523	LF	4" ID, 0.024" Aluminum Insulation Jacketing	19.44	3.34
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.15*	
22 07 19 00-0524	LF	4-1/4" ID, 0.024" Aluminum Insulation Jacketing	20.12	3.42
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.16*	
22 07 19 00-0525	LF	4-1/2" ID, 0.024" Aluminum Insulation Jacketing	20.87	3.50
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.17*	
22 07 19 00-0526	LF	4-3/4" ID, 0.024" Aluminum Insulation Jacketing	21.48	3.57
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.18*	
22 07 19 00-0527	LF	5" ID, 0.024" Aluminum Insulation Jacketing	22.21	3.68
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.19*	
22 07 19 00-0528	LF	5-1/4" ID, 0.024" Aluminum Insulation Jacketing	22.95	3.78
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.20*	
22 07 19 00-0529	LF	5-1/2" ID, 0.024" Aluminum Insulation Jacketing	23.62	3.86
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.21*	
22 07 19 00-0530	LF	5-3/4" ID, 0.024" Aluminum Insulation Jacketing	24.45	3.97
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.22*	
22 07 19 00-0531	LF	6" ID, 0.024" Aluminum Insulation Jacketing	25.27	4.08
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.22*	
22 07 19 00-0532	LF	6-1/4" ID, 0.024" Aluminum Insulation Jacketing	25.85	4.14
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.23*	
22 07 19 00-0533	LF	6-1/2" ID, 0.024" Aluminum Insulation Jacketing	26.46	4.21
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.24*	
22 07 19 00-0534	LF	7" ID, 0.024" Aluminum Insulation Jacketing	27.49	4.30
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0535	LF	7-1/4" ID, 0.024" Aluminum Insulation Jacketing	28.25	4.41
		For Stucco Embossed, Add	*0.11*	
		For Corrugated, Add	*0.27*	
22 07 19 00-0536	LF	7-1/2" ID, 0.024" Aluminum Insulation Jacketing	28.89	4.48
		For Stucco Embossed, Add	*0.11*	
		For Corrugated, Add	*0.27*	
22 07 19 00-0537	LF	8" ID, 0.024" Aluminum Insulation Jacketing	29.90	4.55
		For Stucco Embossed, Add	*0.12*	
		For Corrugated, Add	*0.29*	
22 07 19 00-0538	LF	8-1/2" ID, 0.024" Aluminum Insulation Jacketing	30.88	4.63
		For Stucco Embossed, Add	*0.12*	
		For Corrugated, Add	*0.31*	
22 07 19 00-0539	LF	9" ID, 0.024" Aluminum Insulation Jacketing	32.04	4.75
		For Stucco Embossed, Add	*0.13*	
		For Corrugated, Add	*0.33*	
22 07 19 00-0540	LF	9-1/2" ID, 0.024" Aluminum Insulation Jacketing	33.11	4.83
		For Stucco Embossed, Add	*0.14*	
		For Corrugated, Add	*0.34*	
22 07 19 00-0541	LF	10" ID, 0.024" Aluminum Insulation Jacketing	34.16	4.91
		For Stucco Embossed, Add	*0.14*	
		For Corrugated, Add	*0.36*	
22 07 19 00-0542	LF	10-1/2" ID, 0.024" Aluminum Insulation Jacketing	35.20	5.00
		For Stucco Embossed, Add	*0.15*	
		For Corrugated, Add	*0.38*	
22 07 19 00-0543	LF	11" ID, 0.0106 Aluminum Insulation Jacketing	36.45	5.15
		For Stucco Embossed, Add	*0.16*	
		For Corrugated, Add	*0.40*	
22 07 19 00-0544	LF	11-1/2" ID, 0.024" Aluminum Insulation Jacketing	37.57	5.25
		For Stucco Embossed, Add	*0.17*	
		For Corrugated, Add	*0.41*	
22 07 19 00-0545	LF	12" ID, 0.024" Aluminum Insulation Jacketing	38.68	5.35
		For Stucco Embossed, Add	*0.17*	
		For Corrugated, Add	*0.43*	
22 07 19 00-0546	LF	12-1/2" ID, 0.024" Aluminum Insulation Jacketing	40.01	5.51
		For Stucco Embossed, Add	*0.18*	
		For Corrugated, Add	*0.45*	
22 07 19 00-0547	LF	13" ID, 0.024" Aluminum Insulation Jacketing	40.92	5.57
		For Stucco Embossed, Add	*0.19*	
		For Corrugated, Add	*0.47*	
22 07 19 00-0548	LF	14" ID, 0.024" Aluminum Insulation Jacketing	42.58	5.62
		For Stucco Embossed, Add	*0.20*	
		For Corrugated, Add	*0.50*	
22 07 19 00-0549	LF	15" ID, 0.024" Aluminum Insulation Jacketing	44.43	5.74
		For Stucco Embossed, Add	*0.21*	
		For Corrugated, Add	*0.54*	
22 07 19 00-0550	LF	16" ID, 0.024" Aluminum Insulation Jacketing	46.09	5.80
		For Stucco Embossed, Add	*0.23*	
		For Corrugated, Add	*0.57*	
22 07 19 00-0551	LF	17" ID, 0.024" Aluminum Insulation Jacketing	47.98	5.92
		For Stucco Embossed, Add	*0.24*	
		For Corrugated, Add	*0.61*	
22 07 19 00-0552	LF	18" ID, 0.024" Aluminum Insulation Jacketing	49.19	5.99
		For Stucco Embossed, Add	*0.25*	
		For Corrugated, Add	*0.63*	
22 07 19 00-0553	LF	19" ID, 0.024" Aluminum Insulation Jacketing	51.57	6.12
		For Stucco Embossed, Add	*0.27*	
		For Corrugated, Add	*0.68*	
22 07 19 00-0554	LF	20" ID, 0.024" Aluminum Insulation Jacketing	53.28	6.19
		For Stucco Embossed, Add	*0.29*	
		For Corrugated, Add	*0.71*	
22 07 19 00-0555	LF	21" ID, 0.024" Aluminum Insulation Jacketing	55.22	6.33
		For Stucco Embossed, Add	*0.30*	
		For Corrugated, Add	*0.75*	
22 07 19 00-0556	LF	22" ID, 0.024" Aluminum Insulation Jacketing	56.91	6.40
		For Stucco Embossed, Add	*0.31*	
		For Corrugated, Add	*0.78*	
22 07 19 00-0557	LF	23" ID, 0.024" Aluminum Insulation Jacketing	58.94	6.56
		For Stucco Embossed, Add	*0.33*	
		For Corrugated, Add	*0.82*	
22 07 19 00-0558	LF	24" ID, 0.024" Aluminum Insulation Jacketing	60.64	6.64
		For Stucco Embossed, Add	*0.34*	
		For Corrugated, Add	*0.85*	

22 07 19 00-0559 32 Mil, Aluminum Insulation Protective Jacketing With Polykraft Moisture Barrier And Bands *(22 07 19 00-0399)*

22 07 19 00-0560	LF	1/2" ID, 0.032" Aluminum Insulation Jacketing	12.67	2.78
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.04*	
22 07 19 00-0561	LF	3/4" ID, 0.032" Aluminum Insulation Jacketing	13.39	2.84
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	
22 07 19 00-0562	LF	1" ID, 0.032" Aluminum Insulation Jacketing	14.12	2.91
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0563	LF	1-1/4" ID, 0.032" Aluminum Insulation Jacketing	14.87	2.98
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.07*	
22 07 19 00-0564	LF	1-1/2" ID, 0.032" Aluminum Insulation Jacketing	15.51	3.02
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.09*	
22 07 19 00-0565	LF	1-3/4" ID, 0.032" Aluminum Insulation Jacketing	16.16	3.07
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.10*	
22 07 19 00-0566	LF	2" ID, 0.032" Aluminum Insulation Jacketing	16.88	3.13
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.11*	
22 07 19 00-0567	LF	2-1/4" ID, 0.032" Aluminum Insulation Jacketing	17.60	3.19
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.12*	
22 07 19 00-0568	LF	2-1/2" ID, 0.032" Aluminum Insulation Jacketing	18.40	3.26
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.13*	
22 07 19 00-0569	LF	2-3/4" ID, 0.032" Aluminum Insulation Jacketing	19.07	3.32
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.15*	
22 07 19 00-0570	LF	3" ID, 0.032" Aluminum Insulation Jacketing	19.88	3.39
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.16*	
22 07 19 00-0571	LF	3-1/4" ID, 0.032" Aluminum Insulation Jacketing	20.67	3.46
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.17*	
22 07 19 00-0572	LF	3-1/2" ID, 0.032" Aluminum Insulation Jacketing	21.45	3.54
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.18*	
22 07 19 00-0573	LF	3-3/4" ID, 0.032" Aluminum Insulation Jacketing	22.16	3.61
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.19*	
22 07 19 00-0574	LF	4" ID, 0.032" Aluminum Insulation Jacketing	22.98	3.70
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.20*	
22 07 19 00-0575	LF	4-1/4" ID, 0.032" Aluminum Insulation Jacketing	23.80	3.80
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.22*	
22 07 19 00-0576	LF	4-1/2" ID, 0.032" Aluminum Insulation Jacketing	24.72	3.89
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.23*	
22 07 19 00-0577	LF	4-3/4" ID, 0.032" Aluminum Insulation Jacketing	25.49	3.97
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.24*	
22 07 19 00-0578	LF	5" ID, 0.032" Aluminum Insulation Jacketing	26.37	4.07
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.25*	
22 07 19 00-0579	LF	5-1/4" ID, 0.032" Aluminum Insulation Jacketing	27.29	4.18
		For Stucco Embossed, Add	*0.11*	
		For Corrugated, Add	*0.26*	
22 07 19 00-0580	LF	5-1/2" ID, 0.032" Aluminum Insulation Jacketing	28.10	4.27
		For Stucco Embossed, Add	*0.11*	
		For Corrugated, Add	*0.28*	
22 07 19 00-0581	LF	5-3/4" ID, 0.032" Aluminum Insulation Jacketing	29.11	4.39
		For Stucco Embossed, Add	*0.12*	
		For Corrugated, Add	*0.29*	
22 07 19 00-0582	LF	6" ID, 0.032" Aluminum Insulation Jacketing	30.09	4.52
		For Stucco Embossed, Add	*0.12*	
		For Corrugated, Add	*0.30*	
22 07 19 00-0583	LF	6-1/4" ID, 0.032" Aluminum Insulation Jacketing	30.83	4.59
		For Stucco Embossed, Add	*0.12*	
		For Corrugated, Add	*0.31*	
22 07 19 00-0584	LF	6-1/2" ID, 0.032" Aluminum Insulation Jacketing	31.57	4.66
		For Stucco Embossed, Add	*0.13*	
		For Corrugated, Add	*0.32*	
22 07 19 00-0585	LF	7" ID, 0.032" Aluminum Insulation Jacketing	32.88	4.77
		For Stucco Embossed, Add	*0.14*	
		For Corrugated, Add	*0.35*	
22 07 19 00-0586	LF	7-1/4" ID, 0.032" Aluminum Insulation Jacketing	33.80	4.88
		For Stucco Embossed, Add	*0.14*	
		For Corrugated, Add	*0.36*	
22 07 19 00-0587	LF	7-1/2" ID, 0.032" Aluminum Insulation Jacketing	34.59	4.96
		For Stucco Embossed, Add	*0.15*	
		For Corrugated, Add	*0.37*	
22 07 19 00-0588	LF	8" ID, 0.032" Aluminum Insulation Jacketing	35.86	5.04
		For Stucco Embossed, Add	*0.16*	
		For Corrugated, Add	*0.39*	
22 07 19 00-0589	LF	8-1/2" ID, 0.032" Aluminum Insulation Jacketing	37.11	5.13
		For Stucco Embossed, Add	*0.17*	
		For Corrugated, Add	*0.41*	
22 07 19 00-0590	LF	9" ID, 0.032" Aluminum Insulation Jacketing	38.58	5.27
		For Stucco Embossed, Add	*0.18*	
		For Corrugated, Add	*0.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0591	LF	9-1/2" ID, 0.032" Aluminum Insulation Jacketing	39.92	5.36
		For Stucco Embossed, Add	*0.19*	
		For Corrugated, Add	*0.46*	
22 07 19 00-0592	LF	10" ID, 0.032" Aluminum Insulation Jacketing	41.23	5.45
		For Stucco Embossed, Add	*0.19*	
		For Corrugated, Add	*0.49*	
22 07 19 00-0593	LF	10-1/2" ID, 0.032" Aluminum Insulation Jacketing	42.56	5.55
		For Stucco Embossed, Add	*0.20*	
		For Corrugated, Add	*0.51*	
22 07 19 00-0594	LF	11" ID, 0.0106 Aluminum Insulation Jacketing	44.10	5.71
		For Stucco Embossed, Add	*0.21*	
		For Corrugated, Add	*0.53*	
22 07 19 00-0595	LF	11-1/2" ID, 0.032" Aluminum Insulation Jacketing	45.53	5.81
		For Stucco Embossed, Add	*0.22*	
		For Corrugated, Add	*0.56*	
22 07 19 00-0596	LF	12" ID, 0.032" Aluminum Insulation Jacketing	46.90	5.93
		For Stucco Embossed, Add	*0.23*	
		For Corrugated, Add	*0.58*	
22 07 19 00-0597	LF	12-1/2" ID, 0.032" Aluminum Insulation Jacketing	48.55	6.10
		For Stucco Embossed, Add	*0.24*	
		For Corrugated, Add	*0.60*	
22 07 19 00-0598	LF	13" ID, 0.032" Aluminum Insulation Jacketing	49.72	6.16
		For Stucco Embossed, Add	*0.25*	
		For Corrugated, Add	*0.63*	
22 07 19 00-0599	LF	14" ID, 0.032" Aluminum Insulation Jacketing	51.89	6.23
		For Stucco Embossed, Add	*0.27*	
		For Corrugated, Add	*0.67*	
22 07 19 00-0600	LF	15" ID, 0.032" Aluminum Insulation Jacketing	54.26	6.36
		For Stucco Embossed, Add	*0.29*	
		For Corrugated, Add	*0.72*	
22 07 19 00-0601	LF	16" ID, 0.032" Aluminum Insulation Jacketing	56.45	6.42
		For Stucco Embossed, Add	*0.31*	
		For Corrugated, Add	*0.77*	
22 07 19 00-0602	LF	17" ID, 0.032" Aluminum Insulation Jacketing	58.85	6.57
		For Stucco Embossed, Add	*0.33*	
		For Corrugated, Add	*0.81*	
22 07 19 00-0603	LF	18" ID, 0.032" Aluminum Insulation Jacketing	60.41	6.64
		For Stucco Embossed, Add	*0.34*	
		For Corrugated, Add	*0.85*	
22 07 19 00-0604	LF	19" ID, 0.032" Aluminum Insulation Jacketing	63.50	6.79
		For Stucco Embossed, Add	*0.36*	
		For Corrugated, Add	*0.91*	
22 07 19 00-0605	LF	20" ID, 0.032" Aluminum Insulation Jacketing	65.72	6.86
		For Stucco Embossed, Add	*0.38*	
		For Corrugated, Add	*0.96*	
22 07 19 00-0606	LF	21" ID, 0.032" Aluminum Insulation Jacketing	68.19	7.02
		For Stucco Embossed, Add	*0.40*	
		For Corrugated, Add	*1.00*	
22 07 19 00-0607	LF	22" ID, 0.032" Aluminum Insulation Jacketing	70.39	7.10
		For Stucco Embossed, Add	*0.42*	
		For Corrugated, Add	*1.05*	
22 07 19 00-0608	LF	23" ID, 0.032" Aluminum Insulation Jacketing	72.97	7.27
		For Stucco Embossed, Add	*0.44*	
		For Corrugated, Add	*1.10*	
22 07 19 00-0609	LF	24" ID, 0.032" Aluminum Insulation Jacketing	75.18	7.35
		For Stucco Embossed, Add	*0.46*	
		For Corrugated, Add	*1.14*	

22 07 19 00-0610 40 Mil, Aluminum Insulation Protective Jacketing With Polykraft Moisture Barrier And Bands *(22 07 19 00-0399)*

22 07 19 00-0611	LF	1/2" ID, 0.040" Aluminum Insulation Jacketing	14.74	3.19
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	
22 07 19 00-0612	LF	3/4" ID, 0.040" Aluminum Insulation Jacketing	15.62	3.26
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.06*	
22 07 19 00-0613	LF	1" ID, 0.040" Aluminum Insulation Jacketing	16.50	3.34
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.08*	
22 07 19 00-0614	LF	1-1/4" ID, 0.040" Aluminum Insulation Jacketing	17.41	3.42
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.09*	
22 07 19 00-0615	LF	1-1/2" ID, 0.040" Aluminum Insulation Jacketing	18.20	3.47
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.11*	
22 07 19 00-0616	LF	1-3/4" ID, 0.040" Aluminum Insulation Jacketing	19.00	3.52
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.12*	
22 07 19 00-0617	LF	2" ID, 0.040" Aluminum Insulation Jacketing	19.87	3.60
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.14*	
22 07 19 00-0618	LF	2-1/4" ID, 0.040" Aluminum Insulation Jacketing	20.75	3.68
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0619	LF	2-1/2" ID, 0.040" Aluminum Insulation Jacketing	21.72	3.76
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.17*	
22 07 19 00-0620	LF	2-3/4" ID, 0.040" Aluminum Insulation Jacketing	22.55	3.82
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.18*	
22 07 19 00-0621	LF	3" ID, 0.040" Aluminum Insulation Jacketing	23.54	3.90
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.20*	
22 07 19 00-0622	LF	3-1/4" ID, 0.040" Aluminum Insulation Jacketing	24.48	3.99
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.21*	
22 07 19 00-0623	LF	3-1/2" ID, 0.040" Aluminum Insulation Jacketing	25.43	4.08
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.23*	
22 07 19 00-0624	LF	3-3/4" ID, 0.040" Aluminum Insulation Jacketing	26.30	4.16
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.24*	
22 07 19 00-0625	LF	4" ID, 0.040" Aluminum Insulation Jacketing	27.29	4.26
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.26*	
22 07 19 00-0626	LF	4-1/4" ID, 0.040" Aluminum Insulation Jacketing	28.29	4.36
		For Stucco Embossed, Add	*0.11*	
		For Corrugated, Add	*0.27*	
22 07 19 00-0627	LF	4-1/2" ID, 0.040" Aluminum Insulation Jacketing	29.39	4.47
		For Stucco Embossed, Add	*0.12*	
		For Corrugated, Add	*0.29*	
22 07 19 00-0628	LF	4-3/4" ID, 0.040" Aluminum Insulation Jacketing	30.33	4.56
		For Stucco Embossed, Add	*0.12*	
		For Corrugated, Add	*0.30*	
22 07 19 00-0629	LF	5" ID, 0.040" Aluminum Insulation Jacketing	31.39	4.68
		For Stucco Embossed, Add	*0.13*	
		For Corrugated, Add	*0.32*	
22 07 19 00-0630	LF	5-1/4" ID, 0.040" Aluminum Insulation Jacketing	32.49	4.81
		For Stucco Embossed, Add	*0.13*	
		For Corrugated, Add	*0.33*	
22 07 19 00-0631	LF	5-1/2" ID, 0.040" Aluminum Insulation Jacketing	33.48	4.91
		For Stucco Embossed, Add	*0.14*	
		For Corrugated, Add	*0.35*	
22 07 19 00-0632	LF	5-3/4" ID, 0.040" Aluminum Insulation Jacketing	34.69	5.05
		For Stucco Embossed, Add	*0.14*	
		For Corrugated, Add	*0.36*	
22 07 19 00-0633	LF	6" ID, 0.040" Aluminum Insulation Jacketing	35.88	5.21
		For Stucco Embossed, Add	*0.15*	
		For Corrugated, Add	*0.38*	
22 07 19 00-0634	LF	6-1/4" ID, 0.040" Aluminum Insulation Jacketing	36.78	5.28
		For Stucco Embossed, Add	*0.16*	
		For Corrugated, Add	*0.39*	
22 07 19 00-0635	LF	6-1/2" ID, 0.040" Aluminum Insulation Jacketing	37.68	5.36
		For Stucco Embossed, Add	*0.16*	
		For Corrugated, Add	*0.41*	
22 07 19 00-0636	LF	7" ID, 0.040" Aluminum Insulation Jacketing	39.26	5.49
		For Stucco Embossed, Add	*0.17*	
		For Corrugated, Add	*0.43*	
22 07 19 00-0637	LF	7-1/4" ID, 0.040" Aluminum Insulation Jacketing	40.38	5.62
		For Stucco Embossed, Add	*0.18*	
		For Corrugated, Add	*0.45*	
22 07 19 00-0638	LF	7-1/2" ID, 0.040" Aluminum Insulation Jacketing	41.33	5.71
		For Stucco Embossed, Add	*0.18*	
		For Corrugated, Add	*0.46*	
22 07 19 00-0639	LF	8" ID, 0.040" Aluminum Insulation Jacketing	42.88	5.81
		For Stucco Embossed, Add	*0.20*	
		For Corrugated, Add	*0.49*	
22 07 19 00-0640	LF	8-1/2" ID, 0.040" Aluminum Insulation Jacketing	44.42	5.90
		For Stucco Embossed, Add	*0.21*	
		For Corrugated, Add	*0.52*	
22 07 19 00-0641	LF	9" ID, 0.040" Aluminum Insulation Jacketing	46.20	6.05
		For Stucco Embossed, Add	*0.22*	
		For Corrugated, Add	*0.55*	
22 07 19 00-0642	LF	9-1/2" ID, 0.040" Aluminum Insulation Jacketing	47.86	6.16
		For Stucco Embossed, Add	*0.23*	
		For Corrugated, Add	*0.58*	
22 07 19 00-0643	LF	10" ID, 0.040" Aluminum Insulation Jacketing	49.46	6.27
		For Stucco Embossed, Add	*0.24*	
		For Corrugated, Add	*0.61*	
22 07 19 00-0644	LF	10-1/2" ID, 0.040" Aluminum Insulation Jacketing	51.09	6.38
		For Stucco Embossed, Add	*0.26*	
		For Corrugated, Add	*0.64*	
22 07 19 00-0645	LF	11" ID, 0.0106 Aluminum Insulation Jacketing	52.96	6.57
		For Stucco Embossed, Add	*0.27*	
		For Corrugated, Add	*0.67*	
22 07 19 00-0646	LF	11-1/2" ID, 0.040" Aluminum Insulation Jacketing	54.70	6.69
		For Stucco Embossed, Add	*0.28*	
		For Corrugated, Add	*0.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0647	LF	12" ID, 0.040" Aluminum Insulation Jacketing	56.38	6.82
		For Stucco Embossed, Add	*0.29*	
		For Corrugated, Add	*0.73*	
22 07 19 00-0648	LF	12-1/2" ID, 0.040" Aluminum Insulation Jacketing	58.37	7.02
		For Stucco Embossed, Add	*0.30*	
		For Corrugated, Add	*0.76*	
22 07 19 00-0649	LF	13" ID, 0.040" Aluminum Insulation Jacketing	59.82	7.09
		For Stucco Embossed, Add	*0.31*	
		For Corrugated, Add	*0.79*	
22 07 19 00-0650	LF	14" ID, 0.040" Aluminum Insulation Jacketing	62.51	7.17
		For Stucco Embossed, Add	*0.34*	
		For Corrugated, Add	*0.85*	
22 07 19 00-0651	LF	15" ID, 0.040" Aluminum Insulation Jacketing	65.43	7.32
		For Stucco Embossed, Add	*0.36*	
		For Corrugated, Add	*0.90*	
22 07 19 00-0652	LF	16" ID, 0.040" Aluminum Insulation Jacketing	68.14	7.39
		For Stucco Embossed, Add	*0.39*	
		For Corrugated, Add	*0.96*	
22 07 19 00-0653	LF	17" ID, 0.040" Aluminum Insulation Jacketing	71.11	7.55
		For Stucco Embossed, Add	*0.41*	
		For Corrugated, Add	*1.02*	
22 07 19 00-0654	LF	18" ID, 0.040" Aluminum Insulation Jacketing	73.03	7.63
		For Stucco Embossed, Add	*0.43*	
		For Corrugated, Add	*1.06*	
22 07 19 00-0655	LF	19" ID, 0.040" Aluminum Insulation Jacketing	76.85	7.80
		For Stucco Embossed, Add	*0.46*	
		For Corrugated, Add	*1.14*	
22 07 19 00-0656	LF	20" ID, 0.040" Aluminum Insulation Jacketing	79.61	7.89
		For Stucco Embossed, Add	*0.48*	
		For Corrugated, Add	*1.20*	
22 07 19 00-0657	LF	21" ID, 0.040" Aluminum Insulation Jacketing	82.65	8.08
		For Stucco Embossed, Add	*0.50*	
		For Corrugated, Add	*1.26*	
22 07 19 00-0658	LF	22" ID, 0.040" Aluminum Insulation Jacketing	85.36	8.17
		For Stucco Embossed, Add	*0.53*	
		For Corrugated, Add	*1.32*	
22 07 19 00-0659	LF	23" ID, 0.040" Aluminum Insulation Jacketing	88.54	8.36
		For Stucco Embossed, Add	*0.55*	
		For Corrugated, Add	*1.38*	
22 07 19 00-0660	LF	24" ID, 0.040" Aluminum Insulation Jacketing	91.26	8.46
		For Stucco Embossed, Add	*0.57*	
		For Corrugated, Add	*1.44*	

22 07 19 00-0661 Aluminum Insulation Protective Jacketing For Fittings *(22 07 19 00-0399)*

22 07 19 00-0662	EA	1-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	24.65	3.28
22 07 19 00-0663	EA	1-3/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	25.14	3.40
22 07 19 00-0664	EA	2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	28.66	3.53
22 07 19 00-0665	EA	2-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	28.87	3.58
22 07 19 00-0666	EA	2-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	29.10	3.65
22 07 19 00-0667	EA	2-3/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	29.45	3.74
22 07 19 00-0668	EA	3" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	31.05	3.83
22 07 19 00-0669	EA	3-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	31.44	3.93
22 07 19 00-0670	EA	3-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	34.59	3.99
22 07 19 00-0671	EA	3-3/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	35.35	4.06
22 07 19 00-0672	EA	4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	36.69	4.17
22 07 19 00-0673	EA	4-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	37.55	4.25
22 07 19 00-0674	EA	4-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	37.87	4.33
22 07 19 00-0675	EA	4-3/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	38.20	4.41
22 07 19 00-0676	EA	5" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	41.17	4.50
22 07 19 00-0677	EA	5-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	45.08	4.59
22 07 19 00-0678	EA	5-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	52.22	4.73
22 07 19 00-0679	EA	5-3/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	52.61	4.83
22 07 19 00-0680	EA	6" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	48.36	4.98
22 07 19 00-0681	EA	6-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	48.80	5.10
22 07 19 00-0682	EA	6-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	55.31	5.28
22 07 19 00-0683	EA	7" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	63.11	5.40
22 07 19 00-0684	EA	7-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	63.37	5.47
22 07 19 00-0685	EA	7-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	83.16	5.53
22 07 19 00-0686	EA	8" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	67.91	5.60
22 07 19 00-0687	EA	8-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	107.05	5.74
22 07 19 00-0688	EA	9" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	107.64	5.88
22 07 19 00-0689	EA	9-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	85.70	5.96
22 07 19 00-0690	EA	10" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	86.02	6.04
22 07 19 00-0691	EA	10-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	87.68	6.12
22 07 19 00-0692	EA	11" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	88.01	6.20
22 07 19 00-0693	EA	11-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	97.34	6.37
22 07 19 00-0694	EA	12" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	97.70	6.46
22 07 19 00-0695	EA	12-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	154.48	6.66
22 07 19 00-0696	EA	13" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	154.88	6.75
22 07 19 00-0697	EA	14" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	199.31	6.96
22 07 19 00-0698	EA	15" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	207.97	7.17
22 07 19 00-0699	EA	16" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	224.71	7.29

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0700	EA	2-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	26.57	3.65
22 07 19 00-0701	EA	2-3/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing	26.92	3.74
22 07 19 00-0702	EA	3" ID, Aluminum 45 Degree Elbow Insulation Jacketing	28.86	3.83
22 07 19 00-0703	EA	3-1/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing	29.25	3.93
22 07 19 00-0704	EA	3-1/2" ID Aluminum 45 Degree Elbow Insulation Jacketing	31.44	3.99
22 07 19 00-0705	EA	3-3/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing	31.72	4.06
22 07 19 00-0706	EA	4" ID, Aluminum 45 Degree Elbow Insulation Jacketing	32.42	4.17
22 07 19 00-0707	EA	4-1/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing	34.94	4.25
22 07 19 00-0708	EA	4-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	35.26	4.33
22 07 19 00-0709	EA	4-3/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing	35.59	4.41
22 07 19 00-0710	EA	5" ID, Aluminum 45 Degree Elbow Insulation Jacketing	39.07	4.50
22 07 19 00-0711	EA	5-1/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing	39.43	4.59
22 07 19 00-0712	EA	5-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	41.02	4.73
22 07 19 00-0713	EA	6" ID, Aluminum 45 Degree Elbow Insulation Jacketing	42.05	4.98
22 07 19 00-0714	EA	6-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	51.62	5.28
22 07 19 00-0715	EA	7" ID, Aluminum 45 Degree Elbow Insulation Jacketing	52.11	5.40
22 07 19 00-0716	EA	7-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	52.91	5.53
22 07 19 00-0717	EA	8" ID, Aluminum 45 Degree Elbow Insulation Jacketing	53.18	5.60
22 07 19 00-0718	EA	8-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	61.25	5.74
22 07 19 00-0719	EA	9" ID, Aluminum 45 Degree Elbow Insulation Jacketing	61.84	5.88
22 07 19 00-0720	EA	9-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	77.00	5.96
22 07 19 00-0721	EA	10" ID, Aluminum 45 Degree Elbow Insulation Jacketing	77.32	6.04
22 07 19 00-0722	EA	10-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	74.20	6.12
22 07 19 00-0723	EA	11" ID, Aluminum 45 Degree Elbow Insulation Jacketing	74.53	6.20
22 07 19 00-0724	EA	11-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	85.23	6.37
22 07 19 00-0725	EA	12" ID, Aluminum 45 Degree Elbow Insulation Jacketing	85.59	6.46
22 07 19 00-0726	EA	13" ID, Aluminum 45 Degree Elbow Insulation Jacketing	97.11	6.75
22 07 19 00-0727	EA	14" ID, Aluminum 45 Degree Elbow Insulation Jacketing	113.85	6.96
22 07 19 00-0728	EA	15" ID, Aluminum 45 Degree Elbow Insulation Jacketing	161.23	7.17
22 07 19 00-0729	EA	16" ID, Aluminum 45 Degree Elbow Insulation Jacketing	172.83	7.29
22 07 19 00-0730	EA	17" ID, Aluminum 45 Degree Elbow Insulation Jacketing	169.91	7.40
22 07 19 00-0731	EA	18" ID, Aluminum 45 Degree Elbow Insulation Jacketing	190.13	7.52
22 07 19 00-0732	EA	19" ID, Aluminum 45 Degree Elbow Insulation Jacketing	226.08	7.65
22 07 19 00-0733	EA	20" ID, Aluminum 45 Degree Elbow Insulation Jacketing	220.17	7.78
22 07 19 00-0734	EA	21" ID, Aluminum 45 Degree Elbow Insulation Jacketing	235.76	7.91
22 07 19 00-0735	EA	2-1/2" ID, Aluminum Tee Insulation Jacketing	103.25	5.22
22 07 19 00-0736	EA	2-3/4" ID, Aluminum Tee Insulation Jacketing	103.74	5.34
22 07 19 00-0737	EA	3" ID, Aluminum Tee Insulation Jacketing	114.94	5.47
22 07 19 00-0738	EA	3-1/4" ID, Aluminum Tee Insulation Jacketing	115.47	5.60
22 07 19 00-0739	EA	3-1/2" ID Aluminum Tee Insulation Jacketing	120.49	5.74
22 07 19 00-0740	EA	4" ID, Aluminum Tee Insulation Jacketing	122.14	5.88
22 07 19 00-0741	EA	4-1/4" ID, Aluminum Tee Insulation Jacketing	128.44	6.04
22 07 19 00-0742	EA	4-1/2" ID, Aluminum Tee Insulation Jacketing	128.24	6.20
22 07 19 00-0743	EA	4-3/4" ID, Aluminum Tee Insulation Jacketing	128.93	6.37
22 07 19 00-0744	EA	5" ID, Aluminum Tee Insulation Jacketing	133.52	6.56
22 07 19 00-0745	EA	5-1/4" ID, Aluminum Tee Insulation Jacketing	134.29	6.75
22 07 19 00-0746	EA	5-1/2" ID, Aluminum Tee Insulation Jacketing	139.86	6.96
22 07 19 00-0747	EA	6" ID, Aluminum Tee Insulation Jacketing	140.73	7.17
22 07 19 00-0748	EA	6-1/2" ID, Aluminum Tee Insulation Jacketing	153.67	7.65
22 07 19 00-0749	EA	7" ID, Aluminum Tee Insulation Jacketing	154.73	7.91
22 07 19 00-0750	EA	7-1/2" ID, Aluminum Tee Insulation Jacketing	169.65	8.20
22 07 19 00-0751	EA	8" ID, Aluminum Tee Insulation Jacketing	170.86	8.50
22 07 19 00-0752	EA	8-1/2" ID, Aluminum Tee Insulation Jacketing	175.77	8.83
22 07 19 00-0753	EA	9" ID, Aluminum Tee Insulation Jacketing	177.19	9.18
22 07 19 00-0754	EA	9-1/2" ID, Aluminum Tee Insulation Jacketing	141.72	9.36
22 07 19 00-0755	EA	10" ID, Aluminum Tee Insulation Jacketing	142.50	9.57
22 07 19 00-0756	EA	10-1/2" ID, Aluminum Tee Insulation Jacketing	150.12	9.77
22 07 19 00-0757	EA	11" ID, Aluminum Tee Insulation Jacketing	150.97	9.98
22 07 19 00-0758	EA	11-1/2" ID, Aluminum Tee Insulation Jacketing	157.90	10.20
22 07 19 00-0759	EA	12" ID, Aluminum Tee Insulation Jacketing	158.83	10.43
22 07 19 00-0760	EA	13" ID, Aluminum Tee Insulation Jacketing	165.62	10.67
22 07 19 00-0761	EA	14" ID, Aluminum Tee Insulation Jacketing	172.67	10.93
22 07 19 00-0762	EA	15" ID, Aluminum Tee Insulation Jacketing	184.26	11.20
22 07 19 00-0763	EA	16" ID, Aluminum Tee Insulation Jacketing	188.87	11.48
22 07 19 00-0764	EA	17" ID, Aluminum Tee Insulation Jacketing	211.45	11.77
22 07 19 00-0765	EA	18" ID, Aluminum Tee Insulation Jacketing	219.09	12.08
22 07 19 00-0766	EA	19" ID, Aluminum Tee Insulation Jacketing	238.48	12.41
22 07 19 00-0767	EA	20" ID, Aluminum Tee Insulation Jacketing	243.98	12.75
22 07 19 00-0768	EA	22" ID, Aluminum Tee Insulation Jacketing	297.95	13.11
22 07 19 00-0769	EA	23" ID, Aluminum Tee Insulation Jacketing	306.32	13.50
22 07 19 00-0770	EA	24" ID, Aluminum Tee Insulation Jacketing	318.11	14.80
22 07 19 00-0771		Stainless Steel Insulation Protective Jacketing With Bands *(22 07 19 00-0398)*		
22 07 19 00-0772		Type 304 Stainless Steel Roll, Insulation Protective Jacketing With Bands *(22 07 19 00-0771)*		
22 07 19 00-0773	SF	0.010" Stainless Steel Insulation Jacket With Bands	21.96	8.61
22 07 19 00-0774	SF	0.016" Stainless Steel Insulation Jacket With Bands	27.06	10.33

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0775		10 Mil, Type 304 Stainless Steel, Insulation Protective Jacketing With Moisture Barrier And Bands *(22 07 19 00-0771)*		
22 07 19 00-0776	LF	2-1/2" ID, 0.010" Stainless Steel Insulation Jacketing	11.51	1.83
22 07 19 00-0777	LF	2-3/4" ID, 0.010" Stainless Steel Insulation Jacketing	12.03	1.87
22 07 19 00-0778	LF	3" ID, 0.010" Stainless Steel Insulation Jacketing	12.55	1.91
22 07 19 00-0779	LF	3-1/4" ID, 0.010" Stainless Steel Insulation Jacketing	13.10	1.95
22 07 19 00-0780	LF	3-1/2" ID, 0.010" Stainless Steel Insulation Jacketing	13.64	1.99
22 07 19 00-0781	LF	3-3/4" ID, 0.010" Stainless Steel Insulation Jacketing	14.18	2.04
22 07 19 00-0782	LF	4" ID, 0.010" Stainless Steel Insulation Jacketing	14.74	2.08
22 07 19 00-0783	LF	4-1/4" ID, 0.010" Stainless Steel Insulation Jacketing	15.30	2.13
22 07 19 00-0784	LF	4-1/2" ID, 0.010" Stainless Steel Insulation Jacketing	15.87	2.19
22 07 19 00-0785	LF	5" ID, 0.010" Stainless Steel Insulation Jacketing	17.06	2.30
22 07 19 00-0786	LF	5-1/2" ID, 0.010" Stainless Steel Insulation Jacketing	18.28	2.42
22 07 19 00-0787	LF	6" ID, 0.010" Stainless Steel Insulation Jacketing	19.55	2.55
22 07 19 00-0788	LF	6-1/2" ID, 0.010" Stainless Steel Insulation Jacketing	20.58	2.62
22 07 19 00-0789	LF	7" ID, 0.010" Stainless Steel Insulation Jacketing	21.64	2.70
22 07 19 00-0790	LF	7-1/2" ID, 0.010" Stainless Steel Insulation Jacketing	22.77	2.80
22 07 19 00-0791	LF	8" ID, 0.010" Stainless Steel Insulation Jacketing	23.72	2.85
22 07 19 00-0792	LF	8-1/2" ID, 0.010" Stainless Steel Insulation Jacketing	24.67	2.91
22 07 19 00-0793	LF	9" ID, 0.010" Stainless Steel Insulation Jacketing	25.64	2.96
22 07 19 00-0794	LF	9-1/2" ID, 0.010" Stainless Steel Insulation Jacketing	26.61	3.02
22 07 19 00-0795	LF	10" ID, 0.010" Stainless Steel Insulation Jacketing	27.60	3.08
22 07 19 00-0796	LF	10-1/2" ID, 0.010" Stainless Steel Insulation Jacketing	28.60	3.14
22 07 19 00-0797	LF	11" ID, 0.010" Stainless Steel Insulation Jacketing	29.60	3.21
22 07 19 00-0798	LF	12" ID, 0.010" Stainless Steel Insulation Jacketing	31.63	3.35
22 07 19 00-0799	LF	13" ID, 0.010" Stainless Steel Insulation Jacketing	33.63	3.47
22 07 19 00-0800	LF	14" ID, 0.010" Stainless Steel Insulation Jacketing	35.32	3.53
22 07 19 00-0801		16 Mil, Type 304 Stainless Steel, Insulation Protective Jacketing With Moisture Barrier And Bands *(22 07 19 00-0771)*		
22 07 19 00-0802	LF	2-1/2" ID, 0.016" Stainless Steel Insulation Jacketing	15.81	2.45
22 07 19 00-0803	LF	2-3/4" ID, 0.016" Stainless Steel Insulation Jacketing	16.55	2.49
22 07 19 00-0804	LF	3" ID, 0.016" Stainless Steel Insulation Jacketing	17.28	2.55
22 07 19 00-0805	LF	3-1/4" ID, 0.016" Stainless Steel Insulation Jacketing	18.05	2.60
22 07 19 00-0806	LF	3-1/2" ID, 0.016" Stainless Steel Insulation Jacketing	18.81	2.66
22 07 19 00-0807	LF	3-3/4" ID, 0.016" Stainless Steel Insulation Jacketing	19.58	2.71
22 07 19 00-0808	LF	4" ID, 0.016" Stainless Steel Insulation Jacketing	20.37	2.78
22 07 19 00-0809	LF	4-1/4" ID, 0.016" Stainless Steel Insulation Jacketing	21.16	2.84
22 07 19 00-0810	LF	4-1/2" ID, 0.016" Stainless Steel Insulation Jacketing	21.96	2.91
22 07 19 00-0811	LF	5" ID, 0.016" Stainless Steel Insulation Jacketing	23.63	3.05
22 07 19 00-0812	LF	5-1/2" ID, 0.016" Stainless Steel Insulation Jacketing	25.34	3.21
22 07 19 00-0813	LF	6" ID, 0.016" Stainless Steel Insulation Jacketing	27.12	3.39
22 07 19 00-0814	LF	6-1/2" ID, 0.016" Stainless Steel Insulation Jacketing	28.58	3.48
22 07 19 00-0815	LF	7" ID, 0.016" Stainless Steel Insulation Jacketing	30.08	3.59
22 07 19 00-0816	LF	7-1/2" ID, 0.016" Stainless Steel Insulation Jacketing	31.67	3.73
22 07 19 00-0817	LF	8" ID, 0.016" Stainless Steel Insulation Jacketing	33.01	3.80
22 07 19 00-0818	LF	8-1/2" ID, 0.016" Stainless Steel Insulation Jacketing	34.38	3.87
22 07 19 00-0819	LF	9" ID, 0.016" Stainless Steel Insulation Jacketing	35.76	3.94
22 07 19 00-0820	LF	9-1/2" ID, 0.016" Stainless Steel Insulation Jacketing	37.13	4.02
22 07 19 00-0821	LF	10" ID, 0.016" Stainless Steel Insulation Jacketing	38.53	4.10
22 07 19 00-0822	LF	10-1/2" ID, 0.016" Stainless Steel Insulation Jacketing	39.96	4.18
22 07 19 00-0823	LF	11" ID, 0.0106 Stainless Steel Insulation Jacketing	41.38	4.27
22 07 19 00-0824	LF	12" ID, 0.016" Stainless Steel Insulation Jacketing	44.25	4.46
22 07 19 00-0825	LF	13" ID, 0.016" Stainless Steel Insulation Jacketing	47.09	4.62
22 07 19 00-0826	LF	14" ID, 0.016" Stainless Steel Insulation Jacketing	49.50	4.69
22 07 19 00-0827		Type 316 Stainless Steel Insulation Protective Jacketing For Fittings *(22 07 19 00-0771)*		
22 07 19 00-0828	EA	2-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	32.97	3.65
22 07 19 00-0829	EA	2-3/4" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	33.32	3.74
22 07 19 00-0830	EA	3" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	34.54	3.83
22 07 19 00-0831	EA	3-1/4" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	34.93	3.93
22 07 19 00-0832	EA	3-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	36.19	3.99
22 07 19 00-0833	EA	3-3/4" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	37.61	4.06
22 07 19 00-0834	EA	4" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	40.18	4.17
22 07 19 00-0835	EA	4-1/4" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	48.21	4.25
22 07 19 00-0836	EA	4-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	48.53	4.33
22 07 19 00-0837	EA	5" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	49.94	4.50
22 07 19 00-0838	EA	5-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	66.53	4.73
22 07 19 00-0839	EA	6" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	72.22	4.98
22 07 19 00-0840	EA	6-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	93.04	5.28
22 07 19 00-0841	EA	7" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	93.53	5.40
22 07 19 00-0842	EA	7-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	106.11	5.53
22 07 19 00-0843	EA	8" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	106.94	5.74
22 07 19 00-0844	EA	8-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	109.79	5.74
22 07 19 00-0845	EA	9" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	155.63	5.88
22 07 19 00-0846	EA	9-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	153.63	5.96
22 07 19 00-0847	EA	10" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	153.95	6.04

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0848	EA	10-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	179.77	6.12
22 07 19 00-0849	EA	11" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	173.05	6.20
22 07 19 00-0850	EA	12" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	194.16	6.46
22 07 19 00-0851	EA	13" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	260.17	6.75
22 07 19 00-0852	EA	14" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	262.56	6.96
22 07 19 00-0853	EA	2-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	29.91	3.65
22 07 19 00-0854	EA	2-3/4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	30.26	3.74
22 07 19 00-0855	EA	3" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	31.81	3.83
22 07 19 00-0856	EA	3-1/4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	32.20	3.93
22 07 19 00-0857	EA	3-1/2" ID Stainless Steel 45 Degree Elbow Insulation Jacketing	32.68	3.99
22 07 19 00-0858	EA	3-3/4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	32.96	4.06
22 07 19 00-0859	EA	4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	38.18	4.17
22 07 19 00-0860	EA	4-1/4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	47.15	4.25
22 07 19 00-0861	EA	4-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	47.47	4.33
22 07 19 00-0862	EA	4-3/4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	47.80	4.41
22 07 19 00-0863	EA	5" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	48.67	4.50
22 07 19 00-0864	EA	5-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	49.60	4.73
22 07 19 00-0865	EA	6" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	56.34	4.98
22 07 19 00-0866	EA	6-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	57.49	5.28
22 07 19 00-0867	EA	7" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	83.16	5.40
22 07 19 00-0868	EA	7-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	84.95	5.53
22 07 19 00-0869	EA	8" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	85.22	5.60
22 07 19 00-0870	EA	8-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	96.47	5.74
22 07 19 00-0871	EA	9" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	97.06	5.88
22 07 19 00-0872	EA	9-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	110.15	5.96
22 07 19 00-0873	EA	10" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	110.47	6.04
22 07 19 00-0874	EA	10-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	128.21	6.12
22 07 19 00-0875	EA	11" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	128.54	6.20
22 07 19 00-0876	EA	12" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	138.51	6.46
22 07 19 00-0877	EA	13" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	159.56	6.75
22 07 19 00-0878		Polyvinyl Chloride (PVC) Insulation Protective Jacketing *(22 07 19 00-0398)*		
22 07 19 00-0879		20 Mil Polyvinyl Chloride (PVC) Insulation Protective Jacketing *(22 07 19 00-0878)*		
22 07 19 00-0880	LF	1-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	8.01	1.70
22 07 19 00-0881	LF	2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	8.67	1.76
22 07 19 00-0882	LF	2-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	9.26	1.83
22 07 19 00-0883	LF	3" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	9.97	1.91
22 07 19 00-0884	LF	3-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	10.61	1.99
22 07 19 00-0885	LF	4" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	11.32	2.08
22 07 19 00-0886	LF	4-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	12.07	2.19
22 07 19 00-0887	LF	5" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	12.81	2.30
22 07 19 00-0888	LF	5-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	13.65	2.42
22 07 19 00-0889	LF	6" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	14.53	2.55
22 07 19 00-0890	LF	6-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	15.18	2.62
22 07 19 00-0891	LF	7" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	15.79	2.70
22 07 19 00-0892	LF	7-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	16.59	2.80
22 07 19 00-0893	LF	8" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	17.10	2.85
22 07 19 00-0894	LF	8-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	17.67	2.91
22 07 19 00-0895	LF	9" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	18.24	2.96
22 07 19 00-0896	LF	9-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	18.83	3.02
22 07 19 00-0897	LF	10" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	19.39	3.08
22 07 19 00-0898	LF	10-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	19.99	3.14
22 07 19 00-0899	LF	11" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	20.60	3.21
22 07 19 00-0900	LF	11-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	21.22	3.28
22 07 19 00-0901	LF	12" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	21.82	3.35
22 07 19 00-0902	LF	12-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	22.52	3.42
22 07 19 00-0903	LF	13" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	23.03	3.47
22 07 19 00-0904	LF	13-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	23.38	3.47
22 07 19 00-0905	LF	14" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	23.96	3.53
22 07 19 00-0906	LF	15" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	24.87	3.58
22 07 19 00-0907	LF	16" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	25.76	3.65
22 07 19 00-0908	LF	17" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	26.69	3.71
22 07 19 00-0909	LF	18" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	27.65	3.77
22 07 19 00-0910	LF	19" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	28.55	3.83
22 07 19 00-0911	LF	20" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	29.52	3.89
22 07 19 00-0912	LF	21" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	30.44	3.96
22 07 19 00-0913	LF	22" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	31.42	4.03
22 07 19 00-0914	LF	23" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	32.37	4.10
22 07 19 00-0915	LF	24" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	33.38	4.17
22 07 19 00-0916	LF	25" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	34.39	4.25
22 07 19 00-0917	LF	26" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	35.36	4.33
22 07 19 00-0918	LF	27" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	36.40	4.41
22 07 19 00-0919	LF	28" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	37.40	4.50
22 07 19 00-0920	LF	29" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	38.47	4.59
22 07 19 00-0921	LF	30" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	39.55	4.68
22 07 19 00-0922		30 Mil Polyvinyl Chloride (PVC) Insulation Protective Jacketing *(22 07 19 00-0878)*		
22 07 19 00-0923	LF	2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	9.43	1.76

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0924	LF	2-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	10.21	1.83
22 07 19 00-0925	LF	3" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	11.08	1.91
22 07 19 00-0926	LF	3-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	11.87	1.99
22 07 19 00-0927	LF	4" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	12.73	2.08
22 07 19 00-0928	LF	4-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	13.63	2.19
22 07 19 00-0929	LF	5" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	14.57	2.30
22 07 19 00-0930	LF	5-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	15.57	2.42
22 07 19 00-0931	LF	6" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	16.60	2.55
22 07 19 00-0932	LF	6-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	17.39	2.62
22 07 19 00-0933	LF	7" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	18.21	2.70
22 07 19 00-0934	LF	7-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	19.16	2.80
22 07 19 00-0935	LF	8" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	19.88	2.85
22 07 19 00-0936	LF	8-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	20.59	2.91
22 07 19 00-0937	LF	9" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	21.31	2.96
22 07 19 00-0938	LF	9-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	22.06	3.02
22 07 19 00-0939	LF	10" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	22.81	3.08
22 07 19 00-0940	LF	10-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	23.57	3.14
22 07 19 00-0941	LF	11" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	24.33	3.21
22 07 19 00-0942	LF	11-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	25.10	3.28
22 07 19 00-0943	LF	12" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	25.90	3.35
22 07 19 00-0944	LF	12-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	26.75	3.42
22 07 19 00-0945	LF	13" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	27.47	3.47
22 07 19 00-0946	LF	13-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	27.97	3.47
22 07 19 00-0947	LF	14" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	28.69	3.53
22 07 19 00-0948	LF	15" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	29.91	3.58
22 07 19 00-0949	LF	16" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	31.15	3.65
22 07 19 00-0950	LF	17" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	32.39	3.71
22 07 19 00-0951	LF	18" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	33.70	3.77
22 07 19 00-0952	LF	19" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	34.95	3.83
22 07 19 00-0953	LF	20" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	36.22	3.89
22 07 19 00-0954	LF	21" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	37.50	3.96
22 07 19 00-0955	LF	22" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	38.78	4.03
22 07 19 00-0956	LF	23" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	40.08	4.10
22 07 19 00-0957	LF	24" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	41.39	4.17
22 07 19 00-0958	LF	25" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	42.75	4.25
22 07 19 00-0959	LF	26" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	44.08	4.33
22 07 19 00-0960	LF	27" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	45.42	4.41
22 07 19 00-0961	LF	28" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	46.78	4.50
22 07 19 00-0962	LF	29" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	48.14	4.59
22 07 19 00-0963	LF	30" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	49.53	4.68

22 07 19 00-0964 Polyvinyl Chloride (PVC) Insulation Protective Jacketing For Fittings *(22 07 19 00-0878)*

22 07 19 00-0965	EA	1-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	16.37	3.40
22 07 19 00-0966	EA	2" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	17.56	3.53
22 07 19 00-0967	EA	2-1/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	18.17	3.58
22 07 19 00-0968	EA	2-1/2"ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	18.80	3.65
22 07 19 00-0969	EA	2-3/4"ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	19.51	3.74
22 07 19 00-0970	EA	3" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	20.14	3.83
22 07 19 00-0971	EA	3-3/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	21.32	3.96
22 07 19 00-0972	EA	3-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	22.40	4.06
22 07 19 00-0973	EA	4-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	24.46	4.17
22 07 19 00-0974	EA	4-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	26.86	4.37
22 07 19 00-0975	EA	5-1/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	29.30	4.59
22 07 19 00-0976	EA	5-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	33.73	4.83
22 07 19 00-0977	EA	6-1/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	44.44	5.10
22 07 19 00-0978	EA	6-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	46.41	5.28
22 07 19 00-0979	EA	7-1/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	53.30	5.40
22 07 19 00-0980	EA	7-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	55.38	5.53
22 07 19 00-0981	EA	8-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	65.74	5.74
22 07 19 00-0982	EA	9-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	80.99	5.96
22 07 19 00-0983	EA	10-7/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	88.61	6.20
22 07 19 00-0984	EA	11-7/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	98.98	6.46
22 07 19 00-0985	EA	12-7/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	119.33	6.75
22 07 19 00-0986	EA	14-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	133.35	6.96
22 07 19 00-0987	EA	15-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	142.08	7.17
22 07 19 00-0988	EA	16-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	152.91	7.29
22 07 19 00-0989	EA	17-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	166.94	7.40
22 07 19 00-0990	EA	18-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	207.24	7.52
22 07 19 00-0991	EA	19-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	271.09	7.65
22 07 19 00-0992	EA	20-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	340.19	7.78
22 07 19 00-0993	EA	1-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	16.37	3.40
22 07 19 00-0994	EA	2" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	17.56	3.53
22 07 19 00-0995	EA	2-1/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	18.17	3.58
22 07 19 00-0996	EA	2-1/2"ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	18.80	3.65
22 07 19 00-0997	EA	2-3/4"ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	19.51	3.74
22 07 19 00-0998	EA	3" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	20.14	3.83
22 07 19 00-0999	EA	3-3/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	21.32	3.96
22 07 19 00-1000	EA	3-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	22.40	4.06
22 07 19 00-1001	EA	4-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	24.46	4.17
22 07 19 00-1002	EA	4-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	26.86	4.37

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-1003	EA	5-1/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	29.30	4.59
22 07 19 00-1004	EA	5-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	33.73	4.83
22 07 19 00-1005	EA	6-1/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	44.44	5.10
22 07 19 00-1006	EA	6-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	46.41	5.28
22 07 19 00-1007	EA	7-1/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	53.30	5.40
22 07 19 00-1008	EA	7-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	55.38	5.53
22 07 19 00-1009	EA	8-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	65.74	5.74
22 07 19 00-1010	EA	9-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	80.99	5.96
22 07 19 00-1011	EA	10-7/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	88.56	6.20
22 07 19 00-1012	EA	11-7/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	96.16	6.46
22 07 19 00-1013	EA	12-7/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	105.47	6.75
22 07 19 00-1014	EA	14-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	117.47	6.96
22 07 19 00-1015	EA	15-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	124.90	7.17
22 07 19 00-1016	EA	16-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	139.00	7.29
22 07 19 00-1017	EA	17-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	153.33	7.40
22 07 19 00-1018	EA	18-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	181.29	7.52
22 07 19 00-1019	EA	19-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	236.82	7.65
22 07 19 00-1020	EA	20-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	264.70	7.78
22 07 19 00-1021	EA	1-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	24.36	4.78
22 07 19 00-1022	EA	2" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	25.48	4.88
22 07 19 00-1023	EA	2-1/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	26.63	5.04
22 07 19 00-1024	EA	2-1/2"ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	27.92	5.22
22 07 19 00-1025	EA	2-3/4"ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	29.36	5.40
22 07 19 00-1026	EA	3" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	30.81	5.60
22 07 19 00-1027	EA	3-3/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	32.92	5.81
22 07 19 00-1028	EA	3-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	35.15	6.04
22 07 19 00-1029	EA	4-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	38.15	6.28
22 07 19 00-1030	EA	4-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	42.41	6.56
22 07 19 00-1031	EA	5-1/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	46.85	6.85
22 07 19 00-1032	EA	5-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	54.99	7.29
22 07 19 00-1033	EA	6-1/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	64.57	7.65
22 07 19 00-1034	EA	6-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	73.14	7.78
22 07 19 00-1035	EA	7-1/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	100.14	8.06
22 07 19 00-1036	EA	7-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	108.49	8.50
22 07 19 00-1037	EA	8-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	125.91	8.83
22 07 19 00-1038	EA	9-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	143.56	9.18
22 07 19 00-1039	EA	10-7/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	146.35	9.57
22 07 19 00-1040	EA	11-7/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	159.16	9.77
22 07 19 00-1041	EA	12-7/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	172.01	9.98
22 07 19 00-1042	EA	14-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	184.98	10.20
22 07 19 00-1043	EA	15-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	197.86	10.43
22 07 19 00-1044	EA	16-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	210.86	10.67
22 07 19 00-1045	EA	17-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	223.77	10.93
22 07 19 00-1046	EA	18-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	242.99	11.20
22 07 19 00-1047	EA	19-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	262.15	11.48
22 07 19 00-1048	EA	20-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	285.34	11.77
22 07 19 00-1049	EA	3/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	35.03	3.28
22 07 19 00-1050	EA	1" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	35.03	3.28
22 07 19 00-1051	EA	1-1/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	41.37	3.40
22 07 19 00-1052	EA	1-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	41.37	3.40
22 07 19 00-1053	EA	2"ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	57.92	3.53
22 07 19 00-1054	EA	2-1/2"ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	63.32	3.68
22 07 19 00-1055	EA	3" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	69.78	3.83
22 07 19 00-1056	EA	3-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	79.02	3.99
22 07 19 00-1057	EA	4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	86.95	4.17
22 07 19 00-1058	EA	5" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	105.70	4.59
22 07 19 00-1059	EA	6" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	149.41	5.10
22 07 19 00-1060	EA	8" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	163.45	5.74
22 07 19 00-1061	EA	10" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	204.24	6.12
22 07 19 00-1062	EA	12" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	285.53	6.75
22 07 19 00-1063	EA	14" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	287.23	7.06
22 07 19 00-1064	EA	16" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	381.36	7.29
22 07 19 00-1065	EA	18" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	514.51	7.52
22 07 19 00-1066	EA	3/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	32.61	3.28
22 07 19 00-1067	EA	1" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	32.61	3.28
22 07 19 00-1068	EA	1-1/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	38.45	3.40
22 07 19 00-1069	EA	1-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	38.45	3.40
22 07 19 00-1070	EA	2"ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	53.14	3.53
22 07 19 00-1071	EA	2-1/2"ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	57.98	3.68
22 07 19 00-1072	EA	3" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	63.93	3.83
22 07 19 00-1073	EA	3-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	67.27	3.99
22 07 19 00-1074	EA	4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	79.19	4.17
22 07 19 00-1075	EA	5" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	96.07	4.59
22 07 19 00-1076	EA	6" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	135.25	5.10
22 07 19 00-1077	EA	8" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	147.93	5.74
22 07 19 00-1078	EA	10" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	184.49	6.12
22 07 19 00-1079	EA	12" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	257.26	6.75
22 07 19 00-1080	EA	14" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	327.75	7.06
22 07 19 00-1081	EA	16" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	391.99	7.29
22 07 19 00-1082	EA	18" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	458.37	7.52
22 07 19 00-1083	EA	3/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	48.32	4.93

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-1084	EA	1" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	48.32	4.93
22 07 19 00-1085	EA	1-1/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	56.48	5.10
22 07 19 00-1086	EA	1-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	56.48	5.10
22 07 19 00-1087	EA	2"ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	78.01	5.28
22 07 19 00-1088	EA	2-1/2"ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	85.16	5.47
22 07 19 00-1089	EA	3" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	93.76	5.74
22 07 19 00-1090	EA	3-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	98.88	5.96
22 07 19 00-1091	EA	4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	116.77	6.28
22 07 19 00-1092	EA	5" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	128.34	6.85
22 07 19 00-1093	EA	6" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	179.92	7.65
22 07 19 00-1094	EA	8" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	195.87	8.50
22 07 19 00-1095	EA	10" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	270.46	9.18
22 07 19 00-1096	EA	12" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	375.91	9.98
22 07 19 00-1097	EA	14" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	448.53	10.67
22 07 19 00-1098	EA	16" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	530.54	10.93
22 07 19 00-1099	EA	18" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	581.09	11.20

22 07 19 00-1100 Insulation Foam Rubber *(22 07 19)*

22 07 19 00-1101 Covering 4x6 Sheet *(22 07 19 00-1100)*

22 07 19 00-1102	SF	1" Thick Foam Rubber Sheet Insulation	24.39	8.15

22 10 Plumbing Piping *(22)*

Note: The demolition price for only the length of pipe (LF) shall be used for lengths (LF) of pipe removal which exclude the fittings, valves, and insulation. The demolition price for individual fittings, valves, and insulation shall not be used in conjunction with pipe (LF) demolition tasks.

22 11 Facility Water Distribution *(22 10)*

22 11 16 Domestic Water Piping *(22 11)*

Note: The demolition price for only the length of pipe (LF) shall be used for lengths (LF) of pipe removal which exclude the fittings, valves, and insulation. The demolition price for individual fittings, valves, and insulation shall not be used in conjunction with pipe (LF) demolition tasks. See CSI section 23 21 13 00-0000 for black steel piping and fitting.

22 11 16 00-0001 Galvanized Steel Pipe Assemblies *(22 11 16)*

Note: (ASTM A-53) Threaded and coupled. Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Includes cutting and threading to length where necessary. Not for use where detail is available.

22 11 16 00-0002	LF	1/2" Schedule 40 Threaded Galvanized Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly	19.81	4.40
		Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*4.38*	
		For ASTM 120, Deduct	*-0.78*	
		For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add	*5.26*	
22 11 16 00-0003	LF	3/4" Schedule 40 Threaded Galvanized Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly	21.84	4.73
		Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*4.64*	
		For ASTM 120, Deduct	*-0.96*	
		For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add	*5.97*	
22 11 16 00-0004	LF	1" Schedule 40 Threaded Galvanized Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly	24.95	5.18
		Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*4.96*	
		For ASTM 120, Deduct	*-1.26*	
		For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add	*7.10*	
22 11 16 00-0005	LF	1-1/4" Schedule 40 Threaded Galvanized Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly	29.50	5.40
		Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*5.26*	
		For ASTM 120, Deduct	*-1.79*	
		For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add	*8.89*	
22 11 16 00-0006	LF	1-1/2" Schedule 40 Threaded Galvanized Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly	31.84	6.39
		Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*5.49*	
		For ASTM 120, Deduct	*-2.03*	
		For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add	*9.76*	
22 11 16 00-0007	LF	2" Schedule 40 Threaded Galvanized Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly	38.51	7.70
		Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*6.25*	
		For ASTM 120, Deduct	*-2.65*	
		For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add	*12.12*	
22 11 16 00-0008	LF	2-1/2" Schedule 40 Threaded Galvanized Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly	55.02	9.13
		Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*7.32*	
		For ASTM 120, Deduct	*-4.59*	
		For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add	*18.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0009	LF	3" Schedule 40 Threaded Galvanized Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	68.46	12.22
		For Work In Restricted Working Space, Add	*8.87*	
		For ASTM 120, Deduct	*-5.84*	
		For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add	*23.42*	
22 11 16 00-0010	LF	4" Schedule 40 Threaded Galvanized Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	100.89	14.39
		For Work In Restricted Working Space, Add	*10.08*	
		For ASTM 120, Deduct	*-10.09*	
		For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add	*37.00*	
22 11 16 00-0011	LF	5" Schedule 40 Threaded Galvanized Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	178.32	18.39
		For Work In Restricted Working Space, Add	*12.18*	
		For ASTM 120, Deduct	*-20.66*	
		For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add	*70.09*	
22 11 16 00-0012	LF	6" Schedule 40 Threaded Galvanized Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	199.11	21.74
		For Work In Restricted Working Space, Add	*13.84*	
		For ASTM 120, Deduct	*-22.95*	
		For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add	*78.07*	

22 11 16 00-0013 Galvanized Steel Pipe And Threaded Fittings *(22 11 16)*

Note: (ASTM A-53) Threaded and coupled, schedule 40. Excludes hangers, elbow, tee, or reducer fittings.

22 11 16 00-0014 Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe *(22 11 16 00-0013)*

Note: ASTM A-53. Welded pipe has a weld bead on the inside. Includes coupling. Includes cutting and threading to length where necessary.

22 11 16 00-0015	LF	1/2" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	9.72	4.40
		For Work In Restricted Working Space, Add	*2.00*	
		For Schedule 80 Pipe, Add	*2.13*	
		For ASTM 120, Deduct	*-0.46*	
22 11 16 00-0016	LF	3/4" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	11.13	4.73
		For Work In Restricted Working Space, Add	*2.13*	
		For Schedule 80 Pipe, Add	*2.64*	
		For ASTM 120, Deduct	*-0.60*	
22 11 16 00-0017	LF	1" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	13.67	5.18
		For Work In Restricted Working Space, Add	*2.31*	
		For Schedule 80 Pipe, Add	*3.64*	
		For ASTM 120, Deduct	*-0.90*	
22 11 16 00-0018	LF	1-1/4" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	16.26	5.40
		For Work In Restricted Working Space, Add	*2.45*	
		For Schedule 80 Pipe, Add	*4.70*	
		For ASTM 120, Deduct	*-1.22*	
22 11 16 00-0019	LF	1-1/2" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	19.27	6.39
		For Work In Restricted Working Space, Add	*2.87*	
		For Schedule 80 Pipe, Add	*5.61*	
		For ASTM 120, Deduct	*-1.45*	
22 11 16 00-0020	LF	2" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	24.60	7.70
		For Work In Restricted Working Space, Add	*3.48*	
		For Schedule 80 Pipe, Add	*7.40*	
		For ASTM 120, Deduct	*-1.95*	
22 11 16 00-0021	LF	2-1/2" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	34.39	9.13
		For Work In Restricted Working Space, Add	*4.13*	
		For Schedule 80 Pipe, Add	*11.28*	
		For ASTM 120, Deduct	*-3.09*	
22 11 16 00-0022	LF	3" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	45.36	12.22
		For Work In Restricted Working Space, Add	*5.51*	
		For Schedule 80 Pipe, Add	*14.80*	
		For ASTM 120, Deduct	*-4.05*	
22 11 16 00-0023	LF	4" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	60.09	14.39
		For Work In Restricted Working Space, Add	*6.49*	
		For Schedule 80 Pipe, Add	*20.62*	
		For ASTM 120, Deduct	*-5.77*	
22 11 16 00-0024	LF	5" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	79.11	18.39
		For Work In Restricted Working Space, Add	*8.26*	
		For Schedule 80 Pipe, Add	*27.51*	
		For ASTM 120, Deduct	*-7.74*	
22 11 16 00-0025	LF	6" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	99.47	21.74
		For Work In Restricted Working Space, Add	*9.77*	
		For Schedule 80 Pipe, Add	*35.37*	
		For ASTM 120, Deduct	*-10.04*	
22 11 16 00-0026	LF	8" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	111.62	26.28
		For Work In Restricted Working Space, Add	*11.80*	
		For Schedule 80 Pipe, Add	*38.63*	
		For ASTM 120, Deduct	*-10.84*	

22 11 16 00-0027 Seamless, Threaded And Coupled, Galvanized Steel Pipe *(22 11 16 00-0013)*

Note: ASTM A-53. Includes coupling. Includes cutting and threading to length where necessary.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0028	LF	1/2" Schedule 40, Seamless, Threaded Galvanized Steel Pipe	13.58	4.40
		For Work In Restricted Working Space, Add	*2.00*	
		For Schedule 80 Pipe, Add	*3.98*	
		For ASTM 120, Deduct	*-1.04*	
22 11 16 00-0029	LF	3/4" Schedule 40, Seamless, Threaded Galvanized Steel Pipe	15.38	4.73
		For Work In Restricted Working Space, Add	*2.13*	
		For Schedule 80 Pipe, Add	*4.68*	
		For ASTM 120, Deduct	*-1.24*	
22 11 16 00-0030	LF	1" Schedule 40, Seamless, Threaded Galvanized Steel Pipe	17.32	5.18
		For Work In Restricted Working Space, Add	*2.31*	
		For Schedule 80 Pipe, Add	*5.39*	
		For ASTM 120, Deduct	*-1.44*	
22 11 16 00-0031	LF	1-1/4" Schedule 40, Seamless, Threaded Galvanized Steel Pipe	20.25	5.40
		For Work In Restricted Working Space, Add	*2.45*	
		For Schedule 80 Pipe, Add	*6.62*	
		For ASTM 120, Deduct	*-1.81*	
22 11 16 00-0032	LF	1-1/2" Schedule 40, Seamless, Threaded Galvanized Steel Pipe	23.39	6.39
		For Work In Restricted Working Space, Add	*2.87*	
		For Schedule 80 Pipe, Add	*7.59*	
		For ASTM 120, Deduct	*-2.07*	
22 11 16 00-0033	LF	2" Schedule 40, Seamless, Threaded Galvanized Steel Pipe	27.32	7.70
		For Work In Restricted Working Space, Add	*3.48*	
		For Schedule 80 Pipe, Add	*8.71*	
		For ASTM 120, Deduct	*-2.36*	
22 11 16 00-0034	LF	2-1/2" Schedule 40, Seamless, Threaded Galvanized Steel Pipe	40.09	9.13
		For Work In Restricted Working Space, Add	*4.13*	
		For Schedule 80 Pipe, Add	*14.01*	
		For ASTM 120, Deduct	*-3.95*	
22 11 16 00-0035	LF	3" Schedule 40, Seamless, Threaded Galvanized Steel Pipe	50.54	12.22
		For Work In Restricted Working Space, Add	*5.51*	
		For Schedule 80 Pipe, Add	*17.29*	
		For ASTM 120, Deduct	*-4.83*	
22 11 16 00-0036	LF	4" Schedule 40, Seamless, Threaded Galvanized Steel Pipe	67.66	14.39
		For Work In Restricted Working Space, Add	*6.49*	
		For Schedule 80 Pipe, Add	*24.25*	
		For ASTM 120, Deduct	*-6.90*	
22 11 16 00-0037	LF	5" Schedule 40, Seamless, Threaded Galvanized Steel Pipe	87.60	18.39
		For Work In Restricted Working Space, Add	*8.26*	
		For Schedule 80 Pipe, Add	*31.59*	
		For ASTM 120, Deduct	*-9.01*	
22 11 16 00-0038	LF	6" Schedule 40, Seamless, Threaded Galvanized Steel Pipe	109.41	21.74
		For Work In Restricted Working Space, Add	*9.77*	
		For Schedule 80 Pipe, Add	*40.14*	
		For ASTM 120, Deduct	*-11.53*	

22 11 16 00-0039 Galvanized Malleable Iron 90 Degree Elbows *(22 11 16 00-0013)*

22 11 16 00-0040	EA	1/2", 150 Lb., Galvanized Malleable Iron 90 Degree Elbow	33.13	19.60
		For 300 Lb. Rating, Add	*14.58*	
		For Work In Restricted Working Space, Add	*8.81*	
		For ASTM 120, Deduct	*-0.57*	
22 11 16 00-0041	EA	3/4", 150 LBLb., , Galvanized Malleable Iron 90 Degree Elbow	37.50	21.91
		For 300 Lb. Rating, Add	*17.75*	
		For Work In Restricted Working Space, Add	*9.86*	
		For ASTM 120, Deduct	*-0.70*	
22 11 16 00-0042	EA	1", 150 Lb., Galvanized Malleable Iron 90 Degree Elbow	45.29	24.44
		For 300 Lb. Rating, Add	*31.41*	
		For Work In Restricted Working Space, Add	*11.01*	
		For ASTM 120, Deduct	*-1.29*	
22 11 16 00-0043	EA	1-1/4", 150 Lb., Galvanized Malleable Iron 90 Degree Elbow	55.12	27.75
		For 300 Lb. Rating, Add	*48.66*	
		For Work In Restricted Working Space, Add	*12.46*	
		For ASTM 120, Deduct	*-2.04*	
22 11 16 00-0044	EA	1-1/2", 150 Lb., Galvanized Malleable Iron 90 Degree Elbow	64.57	31.26
		For 300 Lb. Rating, Add	*63.06*	
		For Work In Restricted Working Space, Add	*14.06*	
		For ASTM 120, Deduct	*-2.66*	
22 11 16 00-0045	EA	2", 150 Lb., Galvanized Malleable Iron 90 Degree Elbow	88.53	39.74
		For 300 Lb. Rating, Add	*102.24*	
		For Work In Restricted Working Space, Add	*17.85*	
		For ASTM 120, Deduct	*-4.35*	
22 11 16 00-0046	EA	2-1/2", 150 Lb., Galvanized Malleable Iron 90 Degree Elbow	164.01	58.79
		For 300 Lb. Rating, Add	*263.48*	
		For Work In Restricted Working Space, Add	*26.42*	
		For ASTM 120, Deduct	*-11.39*	
22 11 16 00-0047	EA	3", 150 Lb., Galvanized Malleable Iron 90 Degree Elbow	241.08	77.29
		For 300 Lb. Rating, Add	*432.63*	
		For Work In Restricted Working Space, Add	*34.76*	
		For ASTM 120, Deduct	*-18.78*	
22 11 16 00-0048	EA	4", 150 Lb., Galvanized Malleable Iron 90 Degree Elbow	347.03	84.16
		For 300 Lb. Rating, Add	*758.39*	
		For Work In Restricted Working Space, Add	*37.86*	
		For ASTM 120, Deduct	*-33.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0049	EA	5", 150 Lb., Galvanized Malleable Iron 90 Degree Elbow	1,085.34	87.84
		For 300 Lb. Rating, Add	*3,250.31*	
		For Work In Restricted Working Space, Add	*39.51*	
		For ASTM 120, Deduct	*-143.05*	
22 11 16 00-0050	EA	6", 150 Lb., Galvanized Malleable Iron 90 Degree Elbow	1,016.84	91.84
		For 300 Lb. Rating, Add	*2,997.40*	
		For Work In Restricted Working Space, Add	*41.30*	
		For ASTM 120, Deduct	*-131.87*	
22 11 16 00-0051	EA	8", 150 Lb., Galvanized Malleable Iron 90 Degree Elbow	1,204.52	95.97
		For 300 Lb. Rating, Add	*3,614.84*	
		For Work In Restricted Working Space, Add	*43.16*	
		For ASTM 120, Deduct	*-159.10*	
22 11 16 00-0052		**Galvanized Malleable Iron Reducing 90 Degree Elbows** *(22 11 16 00-0013)*		
22 11 16 00-0053	EA	3/4" x 1/2", 150 Lb., Galvanized Malleable Iron Reducing 90 Degree Elbow	39.18	20.70
		For ASTM 120, Deduct	*-1.21*	
		For Work In Restricted Working Space, Add	*9.33*	
22 11 16 00-0054	EA	1" x 3/4", 150 Lb., Galvanized Malleable Iron Reducing 90 Degree Elbow	45.13	23.22
		For ASTM 120, Deduct	*-1.55*	
		For Work In Restricted Working Space, Add	*10.43*	
22 11 16 00-0055	EA	1" x 1/2", 150 Lb., Galvanized Malleable Iron Reducing 90 Degree Elbow	44.00	22.02
		For ASTM 120, Deduct	*-1.65*	
		For Work In Restricted Working Space, Add	*9.91*	
22 11 16 00-0056	EA	1-1/4" x 1", 150 Lb., Galvanized Malleable Iron Reducing 90 Degree Elbow	56.48	26.09
		For ASTM 120, Deduct	*-2.60*	
		For Work In Restricted Working Space, Add	*11.74*	
22 11 16 00-0057	EA	1-1/4" x 3/4", 150 Lb., Galvanized Malleable Iron Reducing 90 Degree Elbow	58.05	24.77
		For ASTM 120, Deduct	*-3.13*	
		For Work In Restricted Working Space, Add	*11.16*	
22 11 16 00-0058	EA	1-1/4" x 1/2", 150 Lb., Galvanized Malleable Iron Reducing 90 Degree Elbow	57.54	23.67
		For ASTM 120, Deduct	*-3.31*	
		For Work In Restricted Working Space, Add	*10.64*	
22 11 16 00-0059	EA	1-1/2" x 1-1/4", 150 Lb., Galvanized Malleable Iron Reducing 90 Degree Elbow	71.93	29.51
		For ASTM 120, Deduct	*-4.16*	
		For Work In Restricted Working Space, Add	*13.26*	
22 11 16 00-0060	EA	1-1/2" x 1", 150 Lb., Galvanized Malleable Iron Reducing 90 Degree Elbow	69.51	27.86
		For ASTM 120, Deduct	*-4.16*	
		For Work In Restricted Working Space, Add	*12.53*	
22 11 16 00-0061	EA	1-1/2" x 3/4", 150 Lb., Galvanized Malleable Iron Reducing 90 Degree Elbow	67.59	26.53
		For ASTM 120, Deduct	*-4.16*	
		For Work In Restricted Working Space, Add	*11.96*	
22 11 16 00-0062	EA	2" x 1-1/2", 150 Lb., Galvanized Malleable Iron Reducing 90 Degree Elbow	85.59	35.45
		For ASTM 120, Deduct	*-4.86*	
		For Work In Restricted Working Space, Add	*15.95*	
22 11 16 00-0063	EA	2" x 1-1/4", 150 Lb., Galvanized Malleable Iron Reducing 90 Degree Elbow	87.67	33.69
		For ASTM 120, Deduct	*-5.57*	
		For Work In Restricted Working Space, Add	*15.16*	
22 11 16 00-0064	EA	2" x 1", 150 Lb., Galvanized Malleable Iron Reducing 90 Degree Elbow	86.65	32.04
		For ASTM 120, Deduct	*-5.78*	
		For Work In Restricted Working Space, Add	*14.43*	
22 11 16 00-0065	EA	2" x 3/4", 150 Lb., Galvanized Malleable Iron Reducing 90 Degree Elbow	75.43	30.83
		For ASTM 120, Deduct	*-4.39*	
		For Work In Restricted Working Space, Add	*13.86*	
22 11 16 00-0066	EA	2-1/2" x 2", 150 Lb., Galvanized Malleable Iron Reducing 90 Degree Elbow	183.63	49.21
		For ASTM 120, Deduct	*-16.48*	
		For Work In Restricted Working Space, Add	*22.14*	
22 11 16 00-0067	EA	2-1/2" x 1-1/2", 150 Lb., Galvanized Malleable Iron Reducing 90 Degree Elbow	189.85	45.03
		For ASTM 120, Deduct	*-18.36*	
		For Work In Restricted Working Space, Add	*20.24*	
22 11 16 00-0068	EA	3" x 2-1/2", 150 Lb., Galvanized Malleable Iron Reducing 90 Degree Elbow	301.61	68.03
		For ASTM 120, Deduct	*-29.95*	
		For Work In Restricted Working Space, Add	*30.59*	
22 11 16 00-0069	EA	3" x 2", 150 Lb., Galvanized Malleable Iron Reducing 90 Degree Elbow	261.09	58.45
		For ASTM 120, Deduct	*-26.01*	
		For Work In Restricted Working Space, Add	*26.31*	
22 11 16 00-0070	EA	4" x 3", 150 Lb., Galvanized Malleable Iron Reducing 90 Degree Elbow	571.80	80.05
		For ASTM 120, Deduct	*-67.76*	
		For Work In Restricted Working Space, Add	*36.01*	
22 11 16 00-0071		**Galvanized Malleable Iron 45 Degree Elbow** *(22 11 16 00-0013)*		
22 11 16 00-0072	EA	1/2", 150 Lb., Galvanized Malleable Iron 45 Degree Elbow	34.06	19.60
		For 300 Lb. Rating, Add	*17.74*	
		For Work In Restricted Working Space, Add	*8.81*	
		For ASTM 120, Deduct	*-0.71*	
22 11 16 00-0073	EA	3/4", 150 Lb., Galvanized Malleable Iron 45 Degree Elbow	39.61	21.91
		For 300 Lb. Rating, Add	*24.92*	
		For Work In Restricted Working Space, Add	*9.86*	
		For ASTM 120, Deduct	*-1.01*	
22 11 16 00-0074	EA	1", 150 Lb., Galvanized Malleable Iron 45 Degree Elbow	44.32	24.44
		For 300 Lb. Rating, Add	*28.11*	
		For Work In Restricted Working Space, Add	*11.01*	
		For ASTM 120, Deduct	*-1.14*	

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MINOR CSI UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0075	EA 1-1/4", 150 Lb., Galvanized Malleable Iron 45 Degree Elbow	55.79	27.75
	For 300 Lb. Rating, Add	*50.94*	
	For Work In Restricted Working Space, Add	*12.46*	
	For ASTM 120, Deduct	*-2.14*	
22 11 16 00-0076	EA 1-1/2", 150 Lb., Galvanized Malleable Iron 45 Degree Elbow	63.58	31.26
	For 300 Lb. Rating, Add	*59.69*	
	For Work In Restricted Working Space, Add	*14.06*	
	For ASTM 120, Deduct	*-2.51*	
22 11 16 00-0077	EA 2", 150 Lb., Galvanized Malleable Iron 45 Degree Elbow	84.27	39.74
	For 300 Lb. Rating, Add	*87.75*	
	For Work In Restricted Working Space, Add	*17.85*	
	For ASTM 120, Deduct	*-3.71*	
22 11 16 00-0078	EA 2-1/2", 150 Lb., Galvanized Malleable Iron 45 Degree Elbow	174.22	58.79
	For 300 Lb. Rating, Add	*298.19*	
	For Work In Restricted Working Space, Add	*26.42*	
	For ASTM 120, Deduct	*-12.92*	
22 11 16 00-0079	EA 3", 150 Lb., Galvanized Malleable Iron 45 Degree Elbow	241.18	77.29
	For 300 Lb. Rating, Add	*432.97*	
	For Work In Restricted Working Space, Add	*34.76*	
	For ASTM 120, Deduct	*-18.80*	
22 11 16 00-0080	EA 4", 150 Lb., Galvanized Malleable Iron 45 Degree Elbow	336.26	84.16
	For 300 Lb. Rating, Add	*721.78*	
	For Work In Restricted Working Space, Add	*37.86*	
	For ASTM 120, Deduct	*-31.51*	
22 11 16 00-0081	EA 5", 150 Lb., Galvanized Malleable Iron 45 Degree Elbow	980.51	87.84
	For 300 Lb. Rating, Add	*2,893.89*	
	For Work In Restricted Working Space, Add	*39.51*	
	For ASTM 120, Deduct	*-127.32*	
22 11 16 00-0082	EA 6", 150 Lb., Galvanized Malleable Iron 45 Degree Elbow	1,161.16	91.84
	For 300 Lb. Rating, Add	*3,488.09*	
	For Work In Restricted Working Space, Add	*41.30*	
	For ASTM 120, Deduct	*-153.52*	
22 11 16 00-0083	EA 8", 150 Lb., Galvanized Malleable Iron 45 Degree Elbow	1,376.86	95.97
	For 300 Lb. Rating, Add	*4,200.80*	
	For Work In Restricted Working Space, Add	*43.16*	
	For ASTM 120, Deduct	*-184.95*	
22 11 16 00-0084	**Galvanized Malleable Iron Tees** *(22 11 16 00-0013)*		
22 11 16 00-0085	EA 1/2", 150 Lb., Galvanized Malleable Iron Tee	41.59	24.44
	For 300 Lb. Rating, Add	*18.83*	
	For Work In Restricted Working Space, Add	*11.01*	
	For ASTM 120, Deduct	*-0.73*	
22 11 16 00-0086	EA 3/4", 150 Lb., Galvanized Malleable Iron Tee	50.41	28.29
	For 300 Lb. Rating, Add	*29.98*	
	For Work In Restricted Working Space, Add	*12.70*	
	For ASTM 120, Deduct	*-1.21*	
22 11 16 00-0087	EA 1", 150 Lb., Galvanized Malleable Iron Tee	63.08	33.36
	For 300 Lb. Rating, Add	*47.34*	
	For Work In Restricted Working Space, Add	*15.01*	
	For ASTM 120, Deduct	*-1.96*	
22 11 16 00-0088	EA 1-1/4", 150 Lb., Galvanized Malleable Iron Tee	80.21	39.74
	For 300 Lb. Rating, Add	*73.95*	
	For Work In Restricted Working Space, Add	*17.85*	
	For ASTM 120, Deduct	*-3.11*	
22 11 16 00-0089	EA 1-1/2", 150 Lb., Galvanized Malleable Iron Tee	96.74	47.34
	For 300 Lb. Rating, Add	*91.71*	
	For Work In Restricted Working Space, Add	*21.31*	
	For ASTM 120, Deduct	*-3.86*	
22 11 16 00-0090	EA 2", 150 Lb., Galvanized Malleable Iron Tee	129.88	58.79
	For 300 Lb. Rating, Add	*147.44*	
	For Work In Restricted Working Space, Add	*26.42*	
	For ASTM 120, Deduct	*-6.27*	
22 11 16 00-0091	EA 2-1/2", 150 Lb., Galvanized Malleable Iron Tee	213.45	63.85
	For 300 Lb. Rating, Add	*405.99*	
	For Work In Restricted Working Space, Add	*28.72*	
	For ASTM 120, Deduct	*-17.66*	
22 11 16 00-0092	EA 3", 150 Lb., Galvanized Malleable Iron Tee	253.93	77.29
	For 300 Lb. Rating, Add	*476.32*	
	For Work In Restricted Working Space, Add	*34.76*	
	For ASTM 120, Deduct	*-20.71*	
22 11 16 00-0093	EA 4", 150 Lb., Galvanized Malleable Iron Tee	486.00	106.34
	For 300 Lb. Rating, Add	*1,119.94*	
	For Work In Restricted Working Space, Add	*47.83*	
	For ASTM 120, Deduct	*-48.99*	
22 11 16 00-0094	EA 5", 150 Lb., Galvanized Malleable Iron Tee	1,215.87	126.24
	For 300 Lb. Rating, Add	*3,501.70*	
	For Work In Restricted Working Space, Add	*56.79*	
	For ASTM 120, Deduct	*-153.99*	
22 11 16 00-0095	EA 6", 150 Lb., Galvanized Malleable Iron Tee	1,380.72	144.30
	For 300 Lb. Rating, Add	*3,971.84*	
	For Work In Restricted Working Space, Add	*64.91*	
	For ASTM 120, Deduct	*-174.66*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0096		EA	8", 150 Lb., Galvanized Malleable Iron Tee	1,643.10	171.35
			For 300 Lb. Rating, Add	*4,719.41*	
			For Work In Restricted Working Space, Add	*77.89*	
			For ASTM 120, Deduct	*-207.52*	

22 11 16 00-0097 Galvanized Malleable Iron Reducing Tee *(22 11 16 00-0013)*

22 11 16 00-0098		EA	1/2", 150 Lb., Galvanized Malleable Iron Reducing Tee	48.07	24.44
			For 300 Lb. Rating, Add	*40.86*	
			For Work In Restricted Working Space, Add	*11.01*	
			For ASTM 120, Deduct	*-1.71*	
22 11 16 00-0099		EA	3/4", 150 Lb., Galvanized Malleable Iron Reducing Tee	53.55	28.29
			For 300 Lb. Rating, Add	*40.65*	
			For Work In Restricted Working Space, Add	*12.70*	
			For ASTM 120, Deduct	*-1.68*	
22 11 16 00-0100		EA	1", 150 Lb., Galvanized Malleable Iron Reducing Tee	65.79	33.36
			For 300 Lb. Rating, Add	*56.55*	
			For Work In Restricted Working Space, Add	*15.01*	
			For ASTM 120, Deduct	*-2.36*	
22 11 16 00-0101		EA	1-1/4", 150 Lb., Galvanized Malleable Iron Reducing Tee	83.94	39.74
			For 300 Lb. Rating, Add	*86.63*	
			For Work In Restricted Working Space, Add	*17.85*	
			For ASTM 120, Deduct	*-3.66*	
22 11 16 00-0102		EA	1-1/2", 150 Lb., Galvanized Malleable Iron Reducing Tee	101.19	47.34
			For 300 Lb. Rating, Add	*106.84*	
			For Work In Restricted Working Space, Add	*21.31*	
			For ASTM 120, Deduct	*-4.53*	
22 11 16 00-0103		EA	2", 150 Lb., Galvanized Malleable Iron Reducing Tee	132.12	58.79
			For 300 Lb. Rating, Add	*155.05*	
			For Work In Restricted Working Space, Add	*26.42*	
			For ASTM 120, Deduct	*-6.61*	
22 11 16 00-0104		EA	2-1/2", 150 Lb., Galvanized Malleable Iron Reducing Tee	251.62	64.07
			For 300 Lb. Rating, Add	*534.77*	
			For Work In Restricted Working Space, Add	*28.81*	
			For ASTM 120, Deduct	*-23.34*	
22 11 16 00-0105		EA	3", 150 Lb., Galvanized Malleable Iron Reducing Tee	319.50	78.50
			For 300 Lb. Rating, Add	*693.15*	
			For Work In Restricted Working Space, Add	*35.31*	
			For ASTM 120, Deduct	*-30.27*	
22 11 16 00-0106		EA	4", 150 Lb., Galvanized Malleable Iron Reducing Tee	744.38	106.34
			For 300 Lb. Rating, Add	*1,998.43*	
			For Work In Restricted Working Space, Add	*47.83*	
			For ASTM 120, Deduct	*-87.74*	
22 11 16 00-0107		EA	5", 150 Lb., Galvanized Malleable Iron Reducing Tee	1,545.93	126.24
			For 300 Lb. Rating, Add	*4,623.90*	
			For Work In Restricted Working Space, Add	*56.79*	
			For ASTM 120, Deduct	*-203.49*	
22 11 16 00-0108		EA	6", 150 Lb., Galvanized Malleable Iron Reducing Tee	1,755.28	144.30
			For 300 Lb. Rating, Add	*5,245.34*	
			For Work In Restricted Working Space, Add	*64.91*	
			For ASTM 120, Deduct	*-230.84*	
22 11 16 00-0109		EA	8", 150 Lb., Galvanized Malleable Iron Reducing Tee	2,104.35	165.70
			For 300 Lb. Rating, Add	*6,323.80*	
			For Work In Restricted Working Space, Add	*74.64*	
			For ASTM 120, Deduct	*-278.33*	

22 11 16 00-0110 Galvanized Malleable Iron Couplings *(22 11 16 00-0013)*

22 11 16 00-0111		EA	1/2", 150 Lb., Galvanized Malleable Iron Coupling	38.60	19.60
			For 300 Lb. Rating, Add	*33.18*	
			For Work In Restricted Working Space, Add	*8.81*	
			For ASTM 120, Deduct	*-1.39*	
22 11 16 00-0112		EA	3/4", 150 Lb., Galvanized Malleable Iron Coupling	43.51	21.91
			For 300 Lb. Rating, Add	*38.18*	
			For Work In Restricted Working Space, Add	*9.86*	
			For ASTM 120, Deduct	*-1.60*	
22 11 16 00-0113		EA	1", 150 Lb., Galvanized Malleable Iron Coupling	54.15	24.44
			For 300 Lb. Rating, Add	*61.53*	
			For Work In Restricted Working Space, Add	*11.01*	
			For ASTM 120, Deduct	*-2.62*	
22 11 16 00-0114		EA	1-1/4", 150 Lb., Galvanized Malleable Iron Coupling	66.16	27.75
			For 300 Lb. Rating, Add	*86.20*	
			For Work In Restricted Working Space, Add	*12.46*	
			For ASTM 120, Deduct	*-3.69*	
22 11 16 00-0115		EA	1-1/2", 150 Lb., Galvanized Malleable Iron Coupling	74.83	31.26
			For 300 Lb. Rating, Add	*97.94*	
			For Work In Restricted Working Space, Add	*14.06*	
			For ASTM 120, Deduct	*-4.20*	
22 11 16 00-0116		EA	2", 150 Lb., Galvanized Malleable Iron Coupling	100.42	39.74
			For 300 Lb. Rating, Add	*142.66*	
			For Work In Restricted Working Space, Add	*17.85*	
			For ASTM 120, Deduct	*-6.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0117	EA	2-1/2", 150 Lb., Galvanized Malleable Iron Coupling	213.30	58.79
		For 300 Lb. Rating, Add	*431.07*	
		For Work In Restricted Working Space, Add	*26.42*	
		For ASTM 120, Deduct	*-18.78*	
22 11 16 00-0118	EA	3", 150 Lb., Galvanized Malleable Iron Coupling	283.26	77.29
		For 300 Lb. Rating, Add	*576.04*	
		For Work In Restricted Working Space, Add	*34.76*	
		For ASTM 120, Deduct	*-25.11*	
22 11 16 00-0119	EA	4", 150 Lb., Galvanized Malleable Iron Coupling	481.68	84.16
		For 300 Lb. Rating, Add	*1,216.20*	
		For Work In Restricted Working Space, Add	*37.86*	
		For ASTM 120, Deduct	*-53.32*	
22 11 16 00-0120	EA	5", 150 Lb., Galvanized Malleable Iron Coupling	1,132.63	87.84
		For 300 Lb. Rating, Add	*3,411.10*	
		For Work In Restricted Working Space, Add	*39.51*	
		For ASTM 120, Deduct	*-150.14*	
22 11 16 00-0121	EA	6", 150 Lb., Galvanized Malleable Iron Coupling	1,278.02	91.84
		For 300 Lb. Rating, Add	*3,885.42*	
		For Work In Restricted Working Space, Add	*41.30*	
		For ASTM 120, Deduct	*-171.05*	
22 11 16 00-0122	EA	8", 150 Lb., Galvanized Malleable Iron Coupling	1,518.22	95.97
		For 300 Lb. Rating, Add	*4,681.42*	
		For Work In Restricted Working Space, Add	*43.16*	
		For ASTM 120, Deduct	*-206.15*	

22 11 16 00-0123 Galvanized Malleable Iron Reducing Couplings *(22 11 16 00-0013)*

22 11 16 00-0124	EA	1/2", 150 Lb., Galvanized Malleable Iron Reducing Coupling	40.57	19.60
		For 300 Lb. Rating, Add	*39.88*	
		For Work In Restricted Working Space, Add	*8.81*	
		For ASTM 120, Deduct	*-1.68*	
22 11 16 00-0125	EA	3/4", 150 Lb., Galvanized Malleable Iron Reducing Coupling	44.85	21.91
		For 300 Lb. Rating, Add	*42.74*	
		For Work In Restricted Working Space, Add	*9.86*	
		For ASTM 120, Deduct	*-1.80*	
22 11 16 00-0126	EA	1", 150 Lb., Galvanized Malleable Iron Reducing Coupling	56.68	24.44
		For 300 Lb. Rating, Add	*70.13*	
		For Work In Restricted Working Space, Add	*11.01*	
		For ASTM 120, Deduct	*-3.00*	
22 11 16 00-0127	EA	1-1/4", 150 Lb., Galvanized Malleable Iron Reducing Coupling	67.37	27.75
		For 300 Lb. Rating, Add	*90.31*	
		For Work In Restricted Working Space, Add	*12.46*	
		For ASTM 120, Deduct	*-3.87*	
22 11 16 00-0128	EA	1-1/2", 150 Lb., Galvanized Malleable Iron Reducing Coupling	80.17	31.26
		For 300 Lb. Rating, Add	*116.10*	
		For Work In Restricted Working Space, Add	*14.06*	
		For ASTM 120, Deduct	*-5.00*	
22 11 16 00-0129	EA	2", 150 Lb., Galvanized Malleable Iron Reducing Coupling	104.96	39.74
		For 300 Lb. Rating, Add	*158.10*	
		For Work In Restricted Working Space, Add	*17.85*	
		For ASTM 120, Deduct	*-6.82*	
22 11 16 00-0130	EA	2-1/2", 150 Lb., Galvanized Malleable Iron Reducing Coupling	214.89	58.79
		For 300 Lb. Rating, Add	*436.47*	
		For Work In Restricted Working Space, Add	*26.42*	
		For ASTM 120, Deduct	*-19.02*	
22 11 16 00-0131	EA	3", 150 Lb., Galvanized Malleable Iron Reducing Coupling	278.51	77.29
		For 300 Lb. Rating, Add	*559.89*	
		For Work In Restricted Working Space, Add	*34.76*	
		For ASTM 120, Deduct	*-24.39*	
22 11 16 00-0132	EA	4", 150 Lb., Galvanized Malleable Iron Reducing Coupling	490.83	84.16
		For 300 Lb. Rating, Add	*1,247.31*	
		For Work In Restricted Working Space, Add	*37.86*	
		For ASTM 120, Deduct	*-54.69*	
22 11 16 00-0133	EA	5", 150 Lb., Galvanized Malleable Iron Reducing Coupling	1,185.32	87.84
		For 300 Lb. Rating, Add	*3,590.24*	
		For Work In Restricted Working Space, Add	*39.51*	
		For ASTM 120, Deduct	*-158.04*	
22 11 16 00-0134	EA	6", 150 Lb., Galvanized Malleable Iron Reducing Coupling	1,338.04	91.84
		For 300 Lb. Rating, Add	*4,089.48*	
		For Work In Restricted Working Space, Add	*41.30*	
		For ASTM 120, Deduct	*-180.05*	
22 11 16 00-0135	EA	8", 150 Lb., Galvanized Malleable Iron Reducing Coupling	1,591.09	95.97
		For 300 Lb. Rating, Add	*4,929.18*	
		For Work In Restricted Working Space, Add	*43.16*	
		For ASTM 120, Deduct	*-217.08*	

22 11 16 00-0136 Galvanized Malleable Iron Caps *(22 11 16 00-0013)*

22 11 16 00-0137	EA	1/2", 150 Lb., Galvanized Malleable Iron Cap	15.85	9.13
		For 300 Lb. Rating, Add	*7.93*	
		For Work In Restricted Working Space, Add	*4.13*	
		For ASTM 120, Deduct	*-0.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0138	EA	3/4", 150 Lb., Galvanized Malleable Iron Cap	17.56	9.80
		For 300 Lb. Rating, Add	*10.71*	
		For Work In Restricted Working Space, Add	*4.40*	
		For ASTM 120, Deduct	*-0.43*	
22 11 16 00-0139	EA	1", 150 Lb., Galvanized Malleable Iron Cap	20.53	11.34
		For 300 Lb. Rating, Add	*13.22*	
		For Work In Restricted Working Space, Add	*5.08*	
		For ASTM 120, Deduct	*-0.54*	
22 11 16 00-0140	EA	1-1/4", 150 Lb., Galvanized Malleable Iron Cap	22.48	11.89
		For 300 Lb. Rating, Add	*17.11*	
		For Work In Restricted Working Space, Add	*5.33*	
		For ASTM 120, Deduct	*-0.71*	
22 11 16 00-0141	EA	1-1/2", 150 Lb., Galvanized Malleable Iron Cap	22.18	11.89
		For 300 Lb. Rating, Add	*16.09*	
		For Work In Restricted Working Space, Add	*5.33*	
		For ASTM 120, Deduct	*-0.66*	
22 11 16 00-0142	EA	2", 150 Lb., Galvanized Malleable Iron Cap	33.14	15.74
		For 300 Lb. Rating, Add	*33.58*	
		For Work In Restricted Working Space, Add	*7.10*	
		For ASTM 120, Deduct	*-1.42*	
22 11 16 00-0143	EA	2-1/2", 150 Lb., Galvanized Malleable Iron Cap	50.59	19.60
		For 300 Lb. Rating, Add	*73.94*	
		For Work In Restricted Working Space, Add	*8.81*	
		For ASTM 120, Deduct	*-3.18*	
22 11 16 00-0144	EA	3", 150 Lb., Galvanized Malleable Iron Cap	65.74	23.67
		For 300 Lb. Rating, Add	*104.91*	
		For Work In Restricted Working Space, Add	*10.65*	
		For ASTM 120, Deduct	*-4.53*	
22 11 16 00-0145	EA	4", 150 Lb., Galvanized Malleable Iron Cap	99.78	28.88
		For 300 Lb. Rating, Add	*194.73*	
		For Work In Restricted Working Space, Add	*12.98*	
		For ASTM 120, Deduct	*-8.48*	
22 11 16 00-0146	EA	5", 150 Lb., Galvanized Malleable Iron Cap	241.70	36.13
		For 300 Lb. Rating, Add	*641.12*	
		For Work In Restricted Working Space, Add	*16.23*	
		For ASTM 120, Deduct	*-28.14*	
22 11 16 00-0147	EA	6", 150 Lb., Galvanized Malleable Iron Cap	300.88	42.94
		For 300 Lb. Rating, Add	*807.76*	
		For Work In Restricted Working Space, Add	*19.33*	
		For ASTM 120, Deduct	*-35.47*	
22 11 16 00-0148	EA	8", 150 Lb., Galvanized Malleable Iron Cap	378.36	47.98
		For 300 Lb. Rating, Add	*1,046.14*	
		For Work In Restricted Working Space, Add	*21.58*	
		For ASTM 120, Deduct	*-45.96*	

22 11 16 00-0149 Galvanized Malleable Iron FIP Threaded, Unions *(22 11 16 00-0013)*

22 11 16 00-0150	EA	1/2", 150 Lb., Galvanized Malleable Iron Union	50.66	24.44
		For Work In Restricted Working Space, Add	*11.01*	
22 11 16 00-0151	EA	3/4", 150 Lb., Galvanized Malleable Iron Union	58.38	28.29
		For Work In Restricted Working Space, Add	*12.70*	
22 11 16 00-0152	EA	1", 150 Lb., Galvanized Malleable Iron Union	71.05	33.36
		For Work In Restricted Working Space, Add	*15.01*	
22 11 16 00-0153	EA	1-1/4", 150 Lb., Galvanized Malleable Iron Union	89.88	39.74
		For Work In Restricted Working Space, Add	*17.85*	
22 11 16 00-0154	EA	1-1/2", 150 Lb., Galvanized Malleable Iron Union	107.82	47.34
		For Work In Restricted Working Space, Add	*21.31*	
22 11 16 00-0155	EA	2", 150 Lb., Galvanized Malleable Iron Union	130.38	58.79
		For Work In Restricted Working Space, Add	*26.42*	
22 11 16 00-0156	EA	2-1/2", 150 Lb., Galvanized Malleable Iron Union	276.98	86.64
		For Work In Restricted Working Space, Add	*39.00*	
22 11 16 00-0157	EA	3", 150 Lb., Galvanized Malleable Iron Union	376.77	113.95
		For Work In Restricted Working Space, Add	*51.32*	
22 11 16 00-0158	EA	1/2", 250 Lb., Galvanized Malleable Iron Union	65.08	24.44
		For Work In Restricted Working Space, Add	*11.01*	
22 11 16 00-0159	EA	3/4", 250 Lb., Galvanized Malleable Iron Union	68.13	28.29
		For Work In Restricted Working Space, Add	*12.70*	
22 11 16 00-0160	EA	1", 250 Lb., Galvanized Malleable Iron Union	82.01	33.36
		For Work In Restricted Working Space, Add	*15.01*	
22 11 16 00-0161	EA	1-1/4", 250 Lb., Galvanized Malleable Iron Union	107.93	39.74
		For Work In Restricted Working Space, Add	*17.85*	
22 11 16 00-0162	EA	1-1/2", 250 Lb., Galvanized Malleable Iron Union	126.79	47.34
		For Work In Restricted Working Space, Add	*21.31*	
22 11 16 00-0163	EA	2", 250 Lb., Galvanized Malleable Iron Union	166.81	58.79
		For Work In Restricted Working Space, Add	*26.42*	
22 11 16 00-0164	EA	2-1/2", 250 Lb., Galvanized Malleable Iron Union	337.15	86.64
		For Work In Restricted Working Space, Add	*39.01*	
22 11 16 00-0165	EA	3", 250 Lb., Galvanized Malleable Iron Union	488.87	113.95
		For Work In Restricted Working Space, Add	*51.32*	
22 11 16 00-0166	EA	4", 250 Lb., Galvanized Malleable Iron Union	684.82	124.18
		For Work In Restricted Working Space, Add	*55.89*	
22 11 16 00-0167	EA	1/2", 300 Lb., Galvanized Malleable Iron Union	69.04	24.44
		For Work In Restricted Working Space, Add	*11.01*	
22 11 16 00-0168	EA	3/4", 300 Lb., Galvanized Malleable Iron Union	77.42	28.29
		For Work In Restricted Working Space, Add	*12.70*	

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MINOR CSI UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0169	EA 1", 300 Lb., Galvanized Malleable Iron Union	96.57	33.36
	For Work In Restricted Working Space, Add	*15.01*	
22 11 16 00-0170	EA 1-1/4", 300 Lb., Galvanized Malleable Iron Union	124.39	39.74
	For Work In Restricted Working Space, Add	*17.85*	
22 11 16 00-0171	EA 1-1/2", 300 Lb., Galvanized Malleable Iron Union	149.16	47.34
	For Work In Restricted Working Space, Add	*21.31*	
22 11 16 00-0172	EA 2", 300 Lb., Galvanized Malleable Iron Union	181.85	58.79
	For Work In Restricted Working Space, Add	*26.42*	
22 11 16 00-0173	EA 2-1/2", 300 Lb., Galvanized Malleable Iron Union	391.61	86.64
	For Work In Restricted Working Space, Add	*39.01*	
22 11 16 00-0174	EA 3", 300 Lb., Galvanized Malleable Iron Union	613.48	113.95
	For Work In Restricted Working Space, Add	*51.32*	
22 11 16 00-0175	EA 4", 300 Lb., Galvanized Malleable Iron Union	1,295.88	124.18
	For Work In Restricted Working Space, Add	*55.89*	
22 11 16 00-0176	**Galvanized Steel Nipples** *(22 11 16 00-0013)*		
	Note: ASTM A-53.		
22 11 16 00-0177	EA 3/8" x Close, Schedule 40 Galvanized Steel Nipple	18.86	10.45
	For ASTM 120, Deduct	*-0.47*	
	For Work In Restricted Working Space, Add	*4.72*	
	For Schedule 80 Nipples, Add	*3.57*	
22 11 16 00-0178	EA 1/2" x Close, Schedule 40 Galvanized Steel Nipple	18.26	10.45
	For ASTM 120, Deduct	*-0.38*	
	For Work In Restricted Working Space, Add	*4.72*	
	For Schedule 80 Nipples, Add	*2.88*	
22 11 16 00-0179	EA 3/4" x Close, Schedule 40 Galvanized Steel Nipple	18.80	10.45
	For ASTM 120, Deduct	*-0.46*	
	For Work In Restricted Working Space, Add	*4.72*	
	For Schedule 80 Nipples, Add	*3.50*	
22 11 16 00-0180	EA 1" x Close, Schedule 40 Galvanized Steel Nipple	21.15	11.34
	For ASTM 120, Deduct	*-0.63*	
	For Work In Restricted Working Space, Add	*5.08*	
	For Schedule 80 Nipples, Add	*4.80*	
22 11 16 00-0181	EA 1-1/4" x Close, Schedule 40 Galvanized Steel Nipple	24.00	12.22
	For ASTM 120, Deduct	*-0.85*	
	For Work In Restricted Working Space, Add	*5.51*	
	For Schedule 80 Nipples, Add	*6.44*	
22 11 16 00-0182	EA 1-1/2" x Close, Schedule 40 Galvanized Steel Nipple	24.98	12.22
	For ASTM 120, Deduct	*-0.99*	
	For Work In Restricted Working Space, Add	*5.51*	
	For Schedule 80 Nipples, Add	*7.56*	
22 11 16 00-0183	EA 2" x Close, Schedule 40 Galvanized Steel Nipple	33.03	15.74
	For ASTM 120, Deduct	*-1.40*	
	For Work In Restricted Working Space, Add	*7.10*	
	For Schedule 80 Nipples, Add	*10.66*	
22 11 16 00-0184	EA 2-1/2" x Close, Schedule 40 Galvanized Steel Nipple	57.19	19.60
	For ASTM 120, Deduct	*-4.17*	
	For Work In Restricted Working Space, Add	*8.81*	
	For Schedule 80 Nipples, Add	*31.73*	
22 11 16 00-0185	EA 3" x Close, Schedule 40 Galvanized Steel Nipple	68.86	23.67
	For ASTM 120, Deduct	*-5.00*	
	For Work In Restricted Working Space, Add	*10.65*	
	For Schedule 80 Nipples, Add	*38.02*	
22 11 16 00-0186	EA 4" x Close, Schedule 40 Galvanized Steel Nipple	93.25	28.88
	For ASTM 120, Deduct	*-7.50*	
	For Work In Restricted Working Space, Add	*12.98*	
	For Schedule 80 Nipples, Add	*56.98*	
22 11 16 00-0187	EA 3/8" x 1-1/2" Long, Schedule 40 Galvanized Steel Nipple	19.32	10.45
	For ASTM 120, Deduct	*-0.54*	
	For Work In Restricted Working Space, Add	*4.72*	
	For Schedule 80 Nipples, Add	*4.09*	
22 11 16 00-0188	EA 1/2" x 1-1/2" Long, Schedule 40 Galvanized Steel Nipple	18.39	10.45
	For ASTM 120, Deduct	*-0.40*	
	For Work In Restricted Working Space, Add	*4.72*	
	For Schedule 80 Nipples, Add	*3.03*	
22 11 16 00-0189	EA 3/4" x 1-1/2" Long, Schedule 40 Galvanized Steel Nipple	19.07	10.45
	For ASTM 120, Deduct	*-0.50*	
	For Work In Restricted Working Space, Add	*4.72*	
	For Schedule 80 Nipples, Add	*3.81*	
22 11 16 00-0190	EA 3/8" x 2" Long, Schedule 40 Galvanized Steel Nipple	19.32	10.45
	For ASTM 120, Deduct	*-0.54*	
	For Work In Restricted Working Space, Add	*4.72*	
	For Schedule 80 Nipples, Add	*4.09*	
22 11 16 00-0191	EA 1/2" x 2" Long, Schedule 40 Galvanized Steel Nipple	18.39	10.45
	For ASTM 120, Deduct	*-0.40*	
	For Work In Restricted Working Space, Add	*4.72*	
	For Schedule 80 Nipples, Add	*3.03*	
22 11 16 00-0192	EA 3/4" x 2" Long, Schedule 40 Galvanized Steel Nipple	19.07	10.45
	For ASTM 120, Deduct	*-0.50*	
	For Work In Restricted Working Space, Add	*4.72*	
	For Schedule 80 Nipples, Add	*3.81*	
22 11 16 00-0193	EA 1" x 2" Long, Schedule 40 Galvanized Steel Nipple	21.91	11.34
	For ASTM 120, Deduct	*-0.75*	
	For Work In Restricted Working Space, Add	*5.08*	
	For Schedule 80 Nipples, Add	*5.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0194	EA	1-1/4" x 2" Long, Schedule 40 Galvanized Steel Nipple	24.41	12.22
		For ASTM 120, Deduct	*-0.91*	
		For Work In Restricted Working Space, Add	*5.51*	
		For Schedule 80 Nipples, Add	*6.91*	
22 11 16 00-0195	EA	1-1/2" x 2" Long, Schedule 40 Galvanized Steel Nipple	25.47	12.22
		For ASTM 120, Deduct	*-1.07*	
		For Work In Restricted Working Space, Add	*5.51*	
		For Schedule 80 Nipples, Add	*8.12*	
22 11 16 00-0196	EA	3/8" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple	20.51	10.45
		For ASTM 120, Deduct	*-0.72*	
		For Work In Restricted Working Space, Add	*4.72*	
		For Schedule 80 Nipples, Add	*5.45*	
22 11 16 00-0197	EA	1/2" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple	18.86	10.45
		For ASTM 120, Deduct	*-0.47*	
		For Work In Restricted Working Space, Add	*4.72*	
		For Schedule 80 Nipples, Add	*3.57*	
22 11 16 00-0198	EA	3/4" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple	19.43	10.45
		For ASTM 120, Deduct	*-0.56*	
		For Work In Restricted Working Space, Add	*4.72*	
		For Schedule 80 Nipples, Add	*4.22*	
22 11 16 00-0199	EA	1" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple	22.32	11.34
		For ASTM 120, Deduct	*-0.81*	
		For Work In Restricted Working Space, Add	*5.08*	
		For Schedule 80 Nipples, Add	*6.13*	
22 11 16 00-0200	EA	1-1/4" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple	25.01	12.22
		For ASTM 120, Deduct	*-1.00*	
		For Work In Restricted Working Space, Add	*5.51*	
		For Schedule 80 Nipples, Add	*7.59*	
22 11 16 00-0201	EA	1-1/2" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple	26.29	12.22
		For ASTM 120, Deduct	*-1.19*	
		For Work In Restricted Working Space, Add	*5.51*	
		For Schedule 80 Nipples, Add	*9.05*	
22 11 16 00-0202	EA	2" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple	34.20	15.74
		For ASTM 120, Deduct	*-1.58*	
		For Work In Restricted Working Space, Add	*7.10*	
		For Schedule 80 Nipples, Add	*11.99*	
22 11 16 00-0203	EA	3/8" x 3" Long, Schedule 40 Galvanized Steel Nipple	20.51	10.45
		For ASTM 120, Deduct	*-0.72*	
		For Work In Restricted Working Space, Add	*4.72*	
		For Schedule 80 Nipples, Add	*5.45*	
22 11 16 00-0204	EA	1/2" x 3" Long, Schedule 40 Galvanized Steel Nipple	18.86	10.45
		For ASTM 120, Deduct	*-0.47*	
		For Work In Restricted Working Space, Add	*4.72*	
		For Schedule 80 Nipples, Add	*3.57*	
22 11 16 00-0205	EA	3/4" x 3" Long, Schedule 40 Galvanized Steel Nipple	19.43	10.45
		For ASTM 120, Deduct	*-0.56*	
		For Work In Restricted Working Space, Add	*4.72*	
		For Schedule 80 Nipples, Add	*4.22*	
22 11 16 00-0206	EA	1" x 3" Long, Schedule 40 Galvanized Steel Nipple	22.32	11.34
		For ASTM 120, Deduct	*-0.81*	
		For Work In Restricted Working Space, Add	*5.08*	
		For Schedule 80 Nipples, Add	*6.13*	
22 11 16 00-0207	EA	1-1/4" x 3" Long, Schedule 40 Galvanized Steel Nipple	25.01	12.22
		For ASTM 120, Deduct	*-1.00*	
		For Work In Restricted Working Space, Add	*5.51*	
		For Schedule 80 Nipples, Add	*7.59*	
22 11 16 00-0208	EA	1-1/2" x 3" Long, Schedule 40 Galvanized Steel Nipple	26.29	12.22
		For ASTM 120, Deduct	*-1.19*	
		For Work In Restricted Working Space, Add	*5.51*	
		For Schedule 80 Nipples, Add	*9.05*	
22 11 16 00-0209	EA	2" x 3" Long, Schedule 40 Galvanized Steel Nipple	34.20	15.74
		For ASTM 120, Deduct	*-1.58*	
		For Work In Restricted Working Space, Add	*7.10*	
		For Schedule 80 Nipples, Add	*11.99*	
22 11 16 00-0210	EA	2-1/2" x 3" Long, Schedule 40 Galvanized Steel Nipple	58.25	19.60
		For ASTM 120, Deduct	*-4.33*	
		For Work In Restricted Working Space, Add	*8.81*	
		For Schedule 80 Nipples, Add	*32.93*	
22 11 16 00-0211	EA	3" x 3" Long, Schedule 40 Galvanized Steel Nipple	73.45	23.67
		For ASTM 120, Deduct	*-5.69*	
		For Work In Restricted Working Space, Add	*10.65*	
		For Schedule 80 Nipples, Add	*43.25*	
22 11 16 00-0212	EA	3/8" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	21.41	10.45
		For ASTM 120, Deduct	*-0.85*	
		For Work In Restricted Working Space, Add	*4.72*	
		For Schedule 80 Nipples, Add	*6.48*	
22 11 16 00-0213	EA	1/2" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	19.59	10.45
		For ASTM 120, Deduct	*-0.58*	
		For Work In Restricted Working Space, Add	*4.72*	
		For Schedule 80 Nipples, Add	*4.40*	
22 11 16 00-0214	EA	3/4" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	20.51	10.45
		For ASTM 120, Deduct	*-0.72*	
		For Work In Restricted Working Space, Add	*4.72*	
		For Schedule 80 Nipples, Add	*5.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0215	EA	1" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	23.41	11.34
		For ASTM 120, Deduct	*-0.97*	
		For Work In Restricted Working Space, Add	*5.08*	
		For Schedule 80 Nipples, Add	*7.38*	
22 11 16 00-0216	EA	1-1/4" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	26.29	12.22
		For ASTM 120, Deduct	*-1.19*	
		For Work In Restricted Working Space, Add	*5.51*	
		For Schedule 80 Nipples, Add	*9.05*	
22 11 16 00-0217	EA	1-1/2" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	28.38	12.22
		For ASTM 120, Deduct	*-1.50*	
		For Work In Restricted Working Space, Add	*5.51*	
		For Schedule 80 Nipples, Add	*11.43*	
22 11 16 00-0218	EA	2" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	36.45	15.74
		For ASTM 120, Deduct	*-1.92*	
		For Work In Restricted Working Space, Add	*7.10*	
		For Schedule 80 Nipples, Add	*14.56*	
22 11 16 00-0219	EA	2-1/2" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	62.90	19.60
		For ASTM 120, Deduct	*-5.03*	
		For Work In Restricted Working Space, Add	*8.81*	
		For Schedule 80 Nipples, Add	*38.24*	
22 11 16 00-0220	EA	3" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	80.03	23.67
		For ASTM 120, Deduct	*-6.68*	
		For Work In Restricted Working Space, Add	*10.65*	
		For Schedule 80 Nipples, Add	*50.75*	
22 11 16 00-0221	EA	3/8" x 4" Long, Schedule 40 Galvanized Steel Nipple	21.41	10.45
		For ASTM 120, Deduct	*-0.85*	
		For Work In Restricted Working Space, Add	*4.72*	
		For Schedule 80 Nipples, Add	*6.48*	
22 11 16 00-0222	EA	1/2" x 4" Long, Schedule 40 Galvanized Steel Nipple	19.59	10.45
		For ASTM 120, Deduct	*-0.58*	
		For Work In Restricted Working Space, Add	*4.72*	
		For Schedule 80 Nipples, Add	*4.40*	
22 11 16 00-0223	EA	3/4" x 4" Long, Schedule 40 Galvanized Steel Nipple	21.41	10.45
		For ASTM 120, Deduct	*-0.85*	
		For Work In Restricted Working Space, Add	*4.72*	
		For Schedule 80 Nipples, Add	*6.48*	
22 11 16 00-0224	EA	1" x 4" Long, Schedule 40 Galvanized Steel Nipple	23.41	11.34
		For ASTM 120, Deduct	*-0.97*	
		For Work In Restricted Working Space, Add	*5.08*	
		For Schedule 80 Nipples, Add	*7.38*	
22 11 16 00-0225	EA	1-1/4" x 4" Long, Schedule 40 Galvanized Steel Nipple	26.29	12.22
		For ASTM 120, Deduct	*-1.19*	
		For Work In Restricted Working Space, Add	*5.51*	
		For Schedule 80 Nipples, Add	*9.05*	
22 11 16 00-0226	EA	1-1/2" x 4" Long, Schedule 40 Galvanized Steel Nipple	28.38	12.22
		For ASTM 120, Deduct	*-1.50*	
		For Work In Restricted Working Space, Add	*5.51*	
		For Schedule 80 Nipples, Add	*11.43*	
22 11 16 00-0227	EA	2" x 4" Long, Schedule 40 Galvanized Steel Nipple	36.56	15.74
		For ASTM 120, Deduct	*-1.93*	
		For Work In Restricted Working Space, Add	*7.10*	
		For Schedule 80 Nipples, Add	*14.68*	
22 11 16 00-0228	EA	2-1/2" x 4" Long, Schedule 40 Galvanized Steel Nipple	62.90	19.60
		For ASTM 120, Deduct	*-5.03*	
		For Work In Restricted Working Space, Add	*8.81*	
		For Schedule 80 Nipples, Add	*38.24*	
22 11 16 00-0229	EA	3" x 4" Long, Schedule 40 Galvanized Steel Nipple	80.03	23.67
		For ASTM 120, Deduct	*-6.68*	
		For Work In Restricted Working Space, Add	*10.65*	
		For Schedule 80 Nipples, Add	*50.75*	
22 11 16 00-0230	EA	4" x 4" Long, Schedule 40 Galvanized Steel Nipple	103.03	28.88
		For ASTM 120, Deduct	*-8.96*	
		For Work In Restricted Working Space, Add	*12.98*	
		For Schedule 80 Nipples, Add	*68.13*	
22 11 16 00-0231	EA	3/8" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	23.56	10.45
		For ASTM 120, Deduct	*-1.17*	
		For Work In Restricted Working Space, Add	*4.72*	
		For Schedule 80 Nipples, Add	*8.93*	
22 11 16 00-0232	EA	1/2" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	20.38	10.45
		For ASTM 120, Deduct	*-0.70*	
		For Work In Restricted Working Space, Add	*4.72*	
		For Schedule 80 Nipples, Add	*5.30*	
22 11 16 00-0233	EA	3/4" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	21.44	10.45
		For ASTM 120, Deduct	*-0.86*	
		For Work In Restricted Working Space, Add	*4.72*	
		For Schedule 80 Nipples, Add	*6.51*	
22 11 16 00-0234	EA	1" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	24.88	11.34
		For ASTM 120, Deduct	*-1.19*	
		For Work In Restricted Working Space, Add	*5.08*	
		For Schedule 80 Nipples, Add	*9.05*	
22 11 16 00-0235	EA	1-1/4" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	28.16	12.22
		For ASTM 120, Deduct	*-1.47*	
		For Work In Restricted Working Space, Add	*5.51*	
		For Schedule 80 Nipples, Add	*11.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0236	EA	1-1/2" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	30.47	12.22
		For ASTM 120, Deduct	*-1.82*	
		For Work In Restricted Working Space, Add	*5.51*	
		For Schedule 80 Nipples, Add	*13.82*	
22 11 16 00-0237	EA	2" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	39.99	15.74
		For ASTM 120, Deduct	*-2.45*	
		For Work In Restricted Working Space, Add	*7.10*	
		For Schedule 80 Nipples, Add	*18.59*	
22 11 16 00-0238	EA	2-1/2" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	66.76	19.60
		For ASTM 120, Deduct	*-5.61*	
		For Work In Restricted Working Space, Add	*8.81*	
		For Schedule 80 Nipples, Add	*42.64*	
22 11 16 00-0239	EA	3" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	87.39	23.67
		For ASTM 120, Deduct	*-7.78*	
		For Work In Restricted Working Space, Add	*10.65*	
		For Schedule 80 Nipples, Add	*59.14*	
22 11 16 00-0240	EA	4" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	110.29	28.88
		For ASTM 120, Deduct	*-10.05*	
		For Work In Restricted Working Space, Add	*12.98*	
		For Schedule 80 Nipples, Add	*76.40*	
22 11 16 00-0241	EA	3/8" x 5" Long, Schedule 40 Galvanized Steel Nipple	23.56	10.45
		For ASTM 120, Deduct	*-1.17*	
		For Work In Restricted Working Space, Add	*4.72*	
		For Schedule 80 Nipples, Add	*8.93*	
22 11 16 00-0242	EA	1/2" x 5" Long, Schedule 40 Galvanized Steel Nipple	20.38	10.45
		For ASTM 120, Deduct	*-0.70*	
		For Work In Restricted Working Space, Add	*4.72*	
		For Schedule 80 Nipples, Add	*5.30*	
22 11 16 00-0243	EA	3/4" x 5" Long, Schedule 40 Galvanized Steel Nipple	21.44	10.45
		For ASTM 120, Deduct	*-0.86*	
		For Work In Restricted Working Space, Add	*4.72*	
		For Schedule 80 Nipples, Add	*6.51*	
22 11 16 00-0244	EA	1" x 5" Long, Schedule 40 Galvanized Steel Nipple	24.88	11.34
		For ASTM 120, Deduct	*-1.19*	
		For Work In Restricted Working Space, Add	*5.08*	
		For Schedule 80 Nipples, Add	*9.05*	
22 11 16 00-0245	EA	1-1/4" x 5" Long, Schedule 40 Galvanized Steel Nipple	28.16	12.22
		For ASTM 120, Deduct	*-1.47*	
		For Work In Restricted Working Space, Add	*5.51*	
		For Schedule 80 Nipples, Add	*11.18*	
22 11 16 00-0246	EA	1-1/2" x 5" Long, Schedule 40 Galvanized Steel Nipple	30.47	12.22
		For ASTM 120, Deduct	*-1.82*	
		For Work In Restricted Working Space, Add	*5.51*	
		For Schedule 80 Nipples, Add	*13.82*	
22 11 16 00-0247	EA	2" x 5" Long, Schedule 40 Galvanized Steel Nipple	39.99	15.74
		For ASTM 120, Deduct	*-2.45*	
		For Work In Restricted Working Space, Add	*7.10*	
		For Schedule 80 Nipples, Add	*18.59*	
22 11 16 00-0248	EA	2-1/2" x 5" Long, Schedule 40 Galvanized Steel Nipple	66.76	19.60
		For ASTM 120, Deduct	*-5.61*	
		For Work In Restricted Working Space, Add	*8.81*	
		For Schedule 80 Nipples, Add	*42.64*	
22 11 16 00-0249	EA	3" x 5" Long, Schedule 40 Galvanized Steel Nipple	87.39	23.67
		For ASTM 120, Deduct	*-7.78*	
		For Work In Restricted Working Space, Add	*10.65*	
		For Schedule 80 Nipples, Add	*59.14*	
22 11 16 00-0250	EA	4" x 5" Long, Schedule 40 Galvanized Steel Nipple	110.29	28.88
		For ASTM 120, Deduct	*-10.05*	
		For Work In Restricted Working Space, Add	*12.98*	
		For Schedule 80 Nipples, Add	*76.40*	
22 11 16 00-0251	EA	3/8" x 6" Long, Schedule 40 Galvanized Steel Nipple	24.43	10.45
		For ASTM 120, Deduct	*-1.31*	
		For Work In Restricted Working Space, Add	*4.72*	
		For Schedule 80 Nipples, Add	*9.92*	
22 11 16 00-0252	EA	1/2" x 6" Long, Schedule 40 Galvanized Steel Nipple	21.00	10.45
		For ASTM 120, Deduct	*-0.79*	
		For Work In Restricted Working Space, Add	*4.72*	
		For Schedule 80 Nipples, Add	*6.01*	
22 11 16 00-0253	EA	3/4" x 6" Long, Schedule 40 Galvanized Steel Nipple	22.58	10.45
		For ASTM 120, Deduct	*-1.03*	
		For Work In Restricted Working Space, Add	*4.72*	
		For Schedule 80 Nipples, Add	*7.81*	
22 11 16 00-0254	EA	1" x 6" Long, Schedule 40 Galvanized Steel Nipple	25.94	11.34
		For ASTM 120, Deduct	*-1.35*	
		For Work In Restricted Working Space, Add	*5.08*	
		For Schedule 80 Nipples, Add	*10.26*	
22 11 16 00-0255	EA	1-1/4" x 6" Long, Schedule 40 Galvanized Steel Nipple	29.74	12.22
		For ASTM 120, Deduct	*-1.71*	
		For Work In Restricted Working Space, Add	*5.51*	
		For Schedule 80 Nipples, Add	*12.98*	
22 11 16 00-0256	EA	1-1/2" x 6" Long, Schedule 40 Galvanized Steel Nipple	31.99	12.22
		For ASTM 120, Deduct	*-2.05*	
		For Work In Restricted Working Space, Add	*5.51*	
		For Schedule 80 Nipples, Add	*15.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0257	EA	2" x 6" Long, Schedule 40 Galvanized Steel Nipple	42.62	15.74
		For ASTM 120, Deduct	*-2.84*	
		For Work In Restricted Working Space, Add	*7.10*	
		For Schedule 80 Nipples, Add	*21.59*	
22 11 16 00-0258	EA	2-1/2" x 6" Long, Schedule 40 Galvanized Steel Nipple	70.45	19.60
		For ASTM 120, Deduct	*-6.16*	
		For Work In Restricted Working Space, Add	*8.81*	
		For Schedule 80 Nipples, Add	*46.84*	
22 11 16 00-0259	EA	3" x 6" Long, Schedule 40 Galvanized Steel Nipple	90.38	23.67
		For ASTM 120, Deduct	*-8.23*	
		For Work In Restricted Working Space, Add	*10.65*	
		For Schedule 80 Nipples, Add	*62.55*	
22 11 16 00-0260	EA	4" x 6" Long, Schedule 40 Galvanized Steel Nipple	117.35	28.88
		For ASTM 120, Deduct	*-11.11*	
		For Work In Restricted Working Space, Add	*12.98*	
		For Schedule 80 Nipples, Add	*84.45*	
22 11 16 00-0261	EA	3/8" x 8" Long, Schedule 40 Galvanized Steel Nipple	50.49	10.45
		For ASTM 120, Deduct	*-5.21*	
		For Work In Restricted Working Space, Add	*4.72*	
		For Schedule 80 Nipples, Add	*39.63*	
22 11 16 00-0262	EA	1/2" x 8" Long, Schedule 40 Galvanized Steel Nipple	25.02	10.45
		For ASTM 120, Deduct	*-1.39*	
		For Work In Restricted Working Space, Add	*4.72*	
		For Schedule 80 Nipples, Add	*10.59*	
22 11 16 00-0263	EA	3/4" x 8" Long, Schedule 40 Galvanized Steel Nipple	27.61	10.45
		For ASTM 120, Deduct	*-1.78*	
		For Work In Restricted Working Space, Add	*4.72*	
		For Schedule 80 Nipples, Add	*13.54*	
22 11 16 00-0264	EA	1" x 8" Long, Schedule 40 Galvanized Steel Nipple	32.00	11.34
		For ASTM 120, Deduct	*-2.26*	
		For Work In Restricted Working Space, Add	*5.08*	
		For Schedule 80 Nipples, Add	*17.17*	
22 11 16 00-0265	EA	1-1/4" x 8" Long, Schedule 40 Galvanized Steel Nipple	36.80	12.22
		For ASTM 120, Deduct	*-2.77*	
		For Work In Restricted Working Space, Add	*5.51*	
		For Schedule 80 Nipples, Add	*21.03*	
22 11 16 00-0266	EA	1-1/2" x 8" Long, Schedule 40 Galvanized Steel Nipple	39.52	12.22
		For ASTM 120, Deduct	*-3.18*	
		For Work In Restricted Working Space, Add	*5.51*	
		For Schedule 80 Nipples, Add	*24.13*	
22 11 16 00-0267	EA	2" x 8" Long, Schedule 40 Galvanized Steel Nipple	54.55	15.74
		For ASTM 120, Deduct	*-4.63*	
		For Work In Restricted Working Space, Add	*7.10*	
		For Schedule 80 Nipples, Add	*35.19*	
22 11 16 00-0268	EA	2-1/2" x 8" Long, Schedule 40 Galvanized Steel Nipple	82.25	19.60
		For ASTM 120, Deduct	*-7.93*	
		For Work In Restricted Working Space, Add	*8.81*	
		For Schedule 80 Nipples, Add	*60.29*	
22 11 16 00-0269	EA	3" x 8" Long, Schedule 40 Galvanized Steel Nipple	109.43	23.67
		For ASTM 120, Deduct	*-11.09*	
		For Work In Restricted Working Space, Add	*10.65*	
		For Schedule 80 Nipples, Add	*84.27*	
22 11 16 00-0270	EA	4" x 8" Long, Schedule 40 Galvanized Steel Nipple	131.68	28.88
		For ASTM 120, Deduct	*-13.26*	
		For Work In Restricted Working Space, Add	*12.98*	
		For Schedule 80 Nipples, Add	*100.79*	
22 11 16 00-0271	EA	3/8" x 10" Long, Schedule 40 Galvanized Steel Nipple	32.31	10.45
		For ASTM 120, Deduct	*-2.49*	
		For Work In Restricted Working Space, Add	*4.72*	
		For Schedule 80 Nipples, Add	*18.90*	
22 11 16 00-0272	EA	1/2" x 10" Long, Schedule 40 Galvanized Steel Nipple	26.76	10.45
		For ASTM 120, Deduct	*-1.65*	
		For Work In Restricted Working Space, Add	*4.72*	
		For Schedule 80 Nipples, Add	*12.57*	
22 11 16 00-0273	EA	3/4" x 10" Long, Schedule 40 Galvanized Steel Nipple	28.91	10.45
		For ASTM 120, Deduct	*-1.98*	
		For Work In Restricted Working Space, Add	*4.72*	
		For Schedule 80 Nipples, Add	*15.03*	
22 11 16 00-0274	EA	1" x 10" Long, Schedule 40 Galvanized Steel Nipple	34.14	11.34
		For ASTM 120, Deduct	*-2.58*	
		For Work In Restricted Working Space, Add	*5.08*	
		For Schedule 80 Nipples, Add	*19.61*	
22 11 16 00-0275	EA	1-1/4" x 10" Long, Schedule 40 Galvanized Steel Nipple	40.42	12.22
		For ASTM 120, Deduct	*-3.31*	
		For Work In Restricted Working Space, Add	*5.51*	
		For Schedule 80 Nipples, Add	*25.16*	
22 11 16 00-0276	EA	1-1/2" x 10" Long, Schedule 40 Galvanized Steel Nipple	43.03	12.22
		For ASTM 120, Deduct	*-3.70*	
		For Work In Restricted Working Space, Add	*5.51*	
		For Schedule 80 Nipples, Add	*28.14*	
22 11 16 00-0277	EA	2" x 10" Long, Schedule 40 Galvanized Steel Nipple	59.80	15.74
		For ASTM 120, Deduct	*-5.42*	
		For Work In Restricted Working Space, Add	*7.10*	
		For Schedule 80 Nipples, Add	*41.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0278	EA	2-1/2" x 10" Long, Schedule 40 Galvanized Steel Nipple	89.64	19.60
		For ASTM 120, Deduct	*-9.04*	
		For Work In Restricted Working Space, Add	*8.81*	
		For Schedule 80 Nipples, Add	*68.72*	
22 11 16 00-0279	EA	3" x 10" Long, Schedule 40 Galvanized Steel Nipple	119.84	23.67
		For ASTM 120, Deduct	*-12.65*	
		For Work In Restricted Working Space, Add	*10.65*	
		For Schedule 80 Nipples, Add	*96.14*	
22 11 16 00-0280	EA	4" x 10" Long, Schedule 40 Galvanized Steel Nipple	145.73	28.88
		For ASTM 120, Deduct	*-15.37*	
		For Work In Restricted Working Space, Add	*12.98*	
		For Schedule 80 Nipples, Add	*116.80*	
22 11 16 00-0281	EA	3/8" x 12" Long, Schedule 40 Galvanized Steel Nipple	34.10	10.45
		For ASTM 120, Deduct	*-2.76*	
		For Work In Restricted Working Space, Add	*4.72*	
		For Schedule 80 Nipples, Add	*20.94*	
22 11 16 00-0282	EA	1/2" x 12" Long, Schedule 40 Galvanized Steel Nipple	28.29	10.45
		For ASTM 120, Deduct	*-1.88*	
		For Work In Restricted Working Space, Add	*4.72*	
		For Schedule 80 Nipples, Add	*14.32*	
22 11 16 00-0283	EA	3/4" x 12" Long, Schedule 40 Galvanized Steel Nipple	30.51	10.45
		For ASTM 120, Deduct	*-2.22*	
		For Work In Restricted Working Space, Add	*4.72*	
		For Schedule 80 Nipples, Add	*16.85*	
22 11 16 00-0284	EA	1" x 12" Long, Schedule 40 Galvanized Steel Nipple	36.97	11.34
		For ASTM 120, Deduct	*-3.00*	
		For Work In Restricted Working Space, Add	*5.08*	
		For Schedule 80 Nipples, Add	*22.83*	
22 11 16 00-0285	EA	1-1/4" x 12" Long, Schedule 40 Galvanized Steel Nipple	44.85	12.22
		For ASTM 120, Deduct	*-3.98*	
		For Work In Restricted Working Space, Add	*5.51*	
		For Schedule 80 Nipples, Add	*30.21*	
22 11 16 00-0286	EA	1-1/2" x 12" Long, Schedule 40 Galvanized Steel Nipple	46.59	12.22
		For ASTM 120, Deduct	*-4.24*	
		For Work In Restricted Working Space, Add	*5.51*	
		For Schedule 80 Nipples, Add	*32.19*	
22 11 16 00-0287	EA	2" x 12" Long, Schedule 40 Galvanized Steel Nipple	65.12	15.74
		For ASTM 120, Deduct	*-6.22*	
		For Work In Restricted Working Space, Add	*7.10*	
		For Schedule 80 Nipples, Add	*47.24*	
22 11 16 00-0288	EA	2-1/2" x 12" Long, Schedule 40 Galvanized Steel Nipple	96.81	19.60
		For ASTM 120, Deduct	*-10.12*	
		For Work In Restricted Working Space, Add	*8.81*	
		For Schedule 80 Nipples, Add	*76.89*	
22 11 16 00-0289	EA	3" x 12" Long, Schedule 40 Galvanized Steel Nipple	130.33	23.67
		For ASTM 120, Deduct	*-14.22*	
		For Work In Restricted Working Space, Add	*10.65*	
		For Schedule 80 Nipples, Add	*108.09*	
22 11 16 00-0290	EA	4" x 12" Long, Schedule 40 Galvanized Steel Nipple	159.91	28.88
		For ASTM 120, Deduct	*-17.50*	
		For Work In Restricted Working Space, Add	*12.98*	
		For Schedule 80 Nipples, Add	*132.97*	

22 11 16 00-0291 Galvanized Steel Dielectric Nipples With Polyethylene Liner *(22 11 16 00-0013)*

See CSI section 22 11 16 00-0825 for dielectric unions.

22 11 16 00-0292	EA	1/2" Threaded x 2-1/2" Long, Schedule 40 Galvanized Steel With Polyethylene Liner, Dielectric Nipple	18.24	10.45
		For Work In Restricted Working Space, Add	*4.72*	
22 11 16 00-0293	EA	1/2" Threaded x 3" Long, Schedule 40 Galvanized Steel With Polyethylene Liner, Dielectric Nipple	18.62	10.45
		For Work In Restricted Working Space, Add	*4.72*	
22 11 16 00-0294	EA	3/4" Threaded x 2" Long, Schedule 40 Galvanized Steel With Polyethylene Liner, Dielectric Nipple	18.96	10.45
		For Work In Restricted Working Space, Add	*4.72*	
22 11 16 00-0295	EA	3/4" Threaded x 2-1/2" Long, Schedule 40 Galvanized Steel With Polyethylene Liner, Dielectric Nipple	20.22	10.45
		For Work In Restricted Working Space, Add	*4.72*	
22 11 16 00-0296	EA	3/4" Threaded x 3" Long, Schedule 40 Galvanized Steel With Polyethylene Liner, Dielectric Nipple	21.53	10.45
		For Work In Restricted Working Space, Add	*4.72*	
22 11 16 00-0297	EA	3/4" Threaded x 4" Long, Schedule 40 Galvanized Steel With Polyethylene Liner, Dielectric Nipple	22.31	10.45
		For Work In Restricted Working Space, Add	*4.72*	
22 11 16 00-0298	EA	1" Threaded x 2-1/2" Long, Schedule 40 Galvanized Steel With Polyethylene Liner, Dielectric Nipple	21.75	11.34
		For Work In Restricted Working Space, Add	*5.09*	
22 11 16 00-0299	EA	1" Threaded x 3" Long, Schedule 40 Galvanized Steel With Polyethylene Liner, Dielectric Nipple	22.16	11.34
		For Work In Restricted Working Space, Add	*5.09*	
22 11 16 00-0300	EA	1" Threaded x 4" Long, Schedule 40 Galvanized Steel With Polyethylene Liner, Dielectric Nipple	28.47	11.34
		For Work In Restricted Working Space, Add	*5.09*	
22 11 16 00-0301	EA	1-1/4" Threaded x 4" Long, Schedule 40 Galvanized Steel With Polyethylene Liner, Dielectric Nipple	30.83	12.22
		For Work In Restricted Working Space, Add	*5.51*	
22 11 16 00-0302	EA	1-1/2" Threaded x 4" Long, Schedule 40 Galvanized Steel With Polyethylene Liner, Dielectric Nipple	34.31	12.22
		For Work In Restricted Working Space, Add	*5.51*	
22 11 16 00-0303	EA	2" Threaded x 4" Long, Schedule 40 Galvanized Steel With Polyethylene Liner, Dielectric Nipple	45.83	15.74
		For Work In Restricted Working Space, Add	*7.10*	
22 11 16 00-0304	EA	2-1/2" Threaded x 6" Long, Schedule 40 Galvanized Steel With Polyethylene Liner, Dielectric Nipple	54.60	19.60
		For Work In Restricted Working Space, Add	*8.82*	
22 11 16 00-0305	EA	3" Threaded x 6" Long, Schedule 40 Galvanized Steel With Polyethylene Liner, Dielectric Nipple	86.33	23.67
		For Work In Restricted Working Space, Add	*10.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

22 11 16 00-0306 Galvanized Malleable Iron Square Head Plugs *(22 11 16 00-0013)*

22 11 16 00-0307	EA	1/2", 150 Lb., Galvanized Malleable Iron Square Head Plug	18.94	7.82
		For 300 Lb. Rating, Add	*25.18*	
		For Work In Restricted Working Space, Add	*3.52*	
22 11 16 00-0308	EA	3/4", 150 Lb., Galvanized Malleable Iron Square Head Plug	20.34	8.80
		For 300 Lb. Rating, Add	*25.27*	
		For Work In Restricted Working Space, Add	*3.94*	
22 11 16 00-0309	EA	1", 150 Lb., Galvanized Malleable Iron Square Head Plug	22.57	9.80
		For 300 Lb. Rating, Add	*27.74*	
		For Work In Restricted Working Space, Add	*4.40*	
22 11 16 00-0310	EA	1-1/4", 150 Lb., Galvanized Malleable Iron Square Head Plug	28.75	11.12
		For 300 Lb. Rating, Add	*42.27*	
		For Work In Restricted Working Space, Add	*4.98*	
22 11 16 00-0311	EA	1-1/2", 150 Lb., Galvanized Malleable Iron Square Head Plug	35.09	12.44
		For 300 Lb. Rating, Add	*56.75*	
		For Work In Restricted Working Space, Add	*5.62*	
22 11 16 00-0312	EA	2", 150 Lb., Galvanized Malleable Iron Square Head Plug	44.60	15.85
		For 300 Lb. Rating, Add	*72.15*	
		For Work In Restricted Working Space, Add	*7.14*	
22 11 16 00-0313	EA	2-1/2", 150 Lb., Galvanized Malleable Iron Square Head Plug	75.80	23.45
		For 300 Lb. Rating, Add	*140.05*	
		For Work In Restricted Working Space, Add	*10.57*	
22 11 16 00-0314	EA	3", 150 Lb., Galvanized Malleable Iron Square Head Plug	103.92	30.94
		For 300 Lb. Rating, Add	*198.49*	
		For Work In Restricted Working Space, Add	*13.91*	
22 11 16 00-0315	EA	4", 150 Lb., Galvanized Malleable Iron Square Head Plug	169.97	33.64
		For 300 Lb. Rating, Add	*409.29*	
		For Work In Restricted Working Space, Add	*15.14*	
22 11 16 00-0316	EA	5", 150 Lb., Galvanized Malleable Iron Square Head Plug	271.91	35.15
		For 300 Lb. Rating, Add	*748.54*	
		For Work In Restricted Working Space, Add	*15.80*	
22 11 16 00-0317	EA	6", 150 Lb., Galvanized Malleable Iron Square Head Plug	292.08	36.67
		For 300 Lb. Rating, Add	*809.14*	
		For Work In Restricted Working Space, Add	*16.52*	

22 11 16 00-0318 Galvanized Malleable Iron Bushing *(22 11 16 00-0013)*

22 11 16 00-0319	EA	3/4" x 1/2", 150 Lb., Galvanized Malleable Iron Bushing	40.25	20.70
		For Work In Restricted Working Space, Add	*9.33*	
22 11 16 00-0320	EA	1" x 1/2", 150 Lb., Galvanized Malleable Iron Bushing	43.96	22.02
		For Work In Restricted Working Space, Add	*9.91*	
22 11 16 00-0321	EA	1" x 3/4", 150 Lb., Galvanized Malleable Iron Bushing	45.14	23.22
		For Work In Restricted Working Space, Add	*10.43*	
22 11 16 00-0322	EA	1-1/4" x 1/2", 150 Lb., Galvanized Malleable Iron Bushing	50.76	23.67
		For Work In Restricted Working Space, Add	*10.64*	
22 11 16 00-0323	EA	1-1/4" x 3/4", 150 Lb., Galvanized Malleable Iron Bushing	51.12	24.77
		For Work In Restricted Working Space, Add	*11.16*	
22 11 16 00-0324	EA	1-1/4" x 1", 150 Lb., Galvanized Malleable Iron Bushing	53.04	26.09
		For Work In Restricted Working Space, Add	*11.74*	
22 11 16 00-0325	EA	1-1/2" x 1/2", 150 Lb., Galvanized Malleable Iron Bushing	58.33	25.43
		For Work In Restricted Working Space, Add	*11.43*	
22 11 16 00-0326	EA	1-1/2" x 3/4", 150 Lb., Galvanized Malleable Iron Bushing	60.08	26.53
		For Work In Restricted Working Space, Add	*11.96*	
22 11 16 00-0327	EA	1-1/2" x 1", 150 Lb., Galvanized Malleable Iron Bushing	60.01	27.86
		For Work In Restricted Working Space, Add	*12.53*	
22 11 16 00-0328	EA	1-1/2" x 1-1/4", 150 Lb., Galvanized Malleable Iron Bushing	61.02	29.51
		For Work In Restricted Working Space, Add	*13.26*	
22 11 16 00-0329	EA	2" x 1/2", 150 Lb., Galvanized Malleable Iron Bushing	69.71	29.61
		For Work In Restricted Working Space, Add	*13.33*	
22 11 16 00-0330	EA	2" x 3/4", 150 Lb., Galvanized Malleable Iron Bushing	69.70	30.83
		For Work In Restricted Working Space, Add	*13.86*	
22 11 16 00-0331	EA	2" x 1", 150 Lb., Galvanized Malleable Iron Bushing	70.33	32.04
		For Work In Restricted Working Space, Add	*14.43*	
22 11 16 00-0332	EA	2" x 1-1/4", 150 Lb., Galvanized Malleable Iron Bushing	72.75	33.69
		For Work In Restricted Working Space, Add	*15.16*	
22 11 16 00-0333	EA	2" x 1-1/2", 150 Lb., Galvanized Malleable Iron Bushing	72.68	35.45
		For Work In Restricted Working Space, Add	*15.95*	
22 11 16 00-0334	EA	2-1/2" x 3/4", 150 Lb., Galvanized Malleable Iron Bushing	97.03	40.30
		For Work In Restricted Working Space, Add	*18.14*	
22 11 16 00-0335	EA	2-1/2" x 1", 150 Lb., Galvanized Malleable Iron Bushing	98.95	41.62
		For Work In Restricted Working Space, Add	*18.72*	
22 11 16 00-0336	EA	2-1/2" x 1-1/4", 150 Lb., Galvanized Malleable Iron Bushing	101.37	43.16
		For Work In Restricted Working Space, Add	*19.44*	
22 11 16 00-0337	EA	2-1/2" x 1-1/2", 150 Lb., Galvanized Malleable Iron Bushing	103.36	45.03
		For Work In Restricted Working Space, Add	*20.24*	
22 11 16 00-0338	EA	2-1/2" x 2", 150 Lb., Galvanized Malleable Iron Bushing	105.59	49.21
		For Work In Restricted Working Space, Add	*22.14*	
22 11 16 00-0339	EA	3" x 3/4", 150 Lb., Galvanized Malleable Iron Bushing	122.64	49.54
		For Work In Restricted Working Space, Add	*22.31*	
22 11 16 00-0340	EA	3" x 1", 150 Lb., Galvanized Malleable Iron Bushing	124.55	50.86
		For Work In Restricted Working Space, Add	*22.89*	
22 11 16 00-0341	EA	3" x 1-1/4", 150 Lb., Galvanized Malleable Iron Bushing	126.98	52.51
		For Work In Restricted Working Space, Add	*23.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0342	EA	3" x 1-1/2", 150 Lb., Galvanized Malleable Iron Bushing	128.69	54.27
		For Work In Restricted Working Space, Add	*24.41*	
22 11 16 00-0343	EA	3" x 2", 150 Lb., Galvanized Malleable Iron Bushing	130.60	58.45
		For Work In Restricted Working Space, Add	*26.31*	
22 11 16 00-0344	EA	3" x 2-1/2", 150 Lb., Galvanized Malleable Iron Bushing	147.36	68.03
		For Work In Restricted Working Space, Add	*30.59*	
22 11 16 00-0345	EA	4" x 3/4", 150 Lb., Galvanized Malleable Iron Bushing	180.41	52.79
		For Work In Restricted Working Space, Add	*23.78*	
22 11 16 00-0346	EA	4" x 1", 150 Lb., Galvanized Malleable Iron Bushing	182.29	54.09
		For Work In Restricted Working Space, Add	*24.34*	
22 11 16 00-0347	EA	4" x 1-1/4", 150 Lb., Galvanized Malleable Iron Bushing	184.67	55.71
		For Work In Restricted Working Space, Add	*25.05*	
22 11 16 00-0348	EA	4" x 1-1/2", 150 Lb., Galvanized Malleable Iron Bushing	187.28	57.44
		For Work In Restricted Working Space, Add	*25.84*	
22 11 16 00-0349	EA	4" x 2", 150 Lb., Galvanized Malleable Iron Bushing	181.58	61.55
		For Work In Restricted Working Space, Add	*27.70*	
22 11 16 00-0350	EA	4" x 2-1/2", 150 Lb., Galvanized Malleable Iron Bushing	207.53	70.96
		For Work In Restricted Working Space, Add	*31.91*	
22 11 16 00-0351	EA	4" x 3", 150 Lb., Galvanized Malleable Iron Bushing	214.51	80.05
		For Work In Restricted Working Space, Add	*36.01*	

22 11 16 00-0352 Galvanized Malleable Iron Floor Flange *(22 11 16 00-0013)*

Note: Excludes fasteners to floor or wall. See CSI section 05 05 19 00-0001 for anchors.

22 11 16 00-0353	EA	1/2", 150 Lb., Galvanized Malleable Iron Floor Flange	68.56	40.23
22 11 16 00-0354	EA	3/4", 150 Lb., Galvanized Malleable Iron Floor Flange	74.94	44.03
22 11 16 00-0355	EA	1", 150 Lb., Galvanized Malleable Iron Floor Flange	86.17	49.76
22 11 16 00-0356	EA	1-1/4", 150 Lb., Galvanized Malleable Iron Floor Flange	89.59	51.53
22 11 16 00-0357	EA	1-1/2", 150 Lb., Galvanized Malleable Iron Floor Flange	97.51	56.04
22 11 16 00-0358	EA	2", 150 Lb., Galvanized Malleable Iron Floor Flange	105.26	58.45

22 11 16 00-0359 Galvanized Cast Iron Flanges *(22 11 16 00-0013)*

Note: Excludes bolt and gasket sets See CSI section 23 21 13 23-0619 for Class 150 steel bolt and gasket set.

22 11 16 00-0360	EA	3/4", 125 Lb., Galvanized Cast Iron Flange	135.33	44.03
		For Work In Restricted Working Space, Add	*19.82*	
22 11 16 00-0361	EA	1", 125 Lb., Galvanized Cast Iron Flange	128.27	49.76
		For Work In Restricted Working Space, Add	*22.39*	
22 11 16 00-0362	EA	1-1/4", 125 Lb., Galvanized Cast Iron Flange	105.60	51.53
		For Work In Restricted Working Space, Add	*23.18*	
22 11 16 00-0363	EA	1-1/2", 125 Lb., Galvanized Cast Iron Flange	125.90	56.04
		For Work In Restricted Working Space, Add	*25.21*	
22 11 16 00-0364	EA	2", 125 Lb., Galvanized Cast Iron Flange	143.11	58.45
		For Work In Restricted Working Space, Add	*26.31*	
22 11 16 00-0365	EA	2-1/2", 125 Lb., Galvanized Cast Iron Flange	166.26	67.71
		For Work In Restricted Working Space, Add	*30.44*	
22 11 16 00-0366	EA	3", 125 Lb., Galvanized Cast Iron Flange	303.75	85.87
		For Work In Restricted Working Space, Add	*38.62*	
22 11 16 00-0367	EA	4", 125 Lb., Galvanized Cast Iron Flange	411.40	115.42
		For Work In Restricted Working Space, Add	*51.91*	
22 11 16 00-0368	EA	5", 125 Lb., Galvanized Cast Iron Flange	580.21	137.38
		For Work In Restricted Working Space, Add	*61.80*	
22 11 16 00-0369	EA	6", 125 Lb., Galvanized Cast Iron Flange	636.62	157.83
		For Work In Restricted Working Space, Add	*70.99*	
22 11 16 00-0370	EA	8", 125 Lb., Galvanized Cast Iron Flange	583.16	180.38
		For Work In Restricted Working Space, Add	*81.13*	

22 11 16 00-0371 Copper Pipe And Fittings *(22 11 16)*

Note: Excludes hangers. See CSI section 22 11 16 00-0902 for pipe with fittings assembly.

22 11 16 00-0372 Copper Tube/Pipe *(22 11 16 00-0371)*

Note: Pipe based on inside diameter size. Excludes hangers and fittings (couplers, tees, elbows, etc).

22 11 16 00-0373 Hard Drawn Type L Copper Tube/Pipe *(22 11 16 00-0372)*

22 11 16 00-0374	LF	1/4" Hard Drawn Type L Copper Tube/Pipe	5.82	2.69
		For Up To 20, Add	*0.63*	
		For >200, Deduct	*-0.18*	
		For Work In Restricted Working Space, Add	*1.21*	
		For Medical/Oxygen Service Tubing, Add	*0.14*	
22 11 16 00-0375	LF	3/8" Hard Drawn Type L Copper Tube/Pipe	6.81	2.80
		For Up To 20, Add	*0.75*	
		For >200, Deduct	*-0.26*	
		For Work In Restricted Working Space, Add	*1.26*	
		For Medical/Oxygen Service Tubing, Add	*0.21*	
22 11 16 00-0376	LF	1/2" Hard Drawn Type L Copper Tube/Pipe	7.49	2.92
		For Up To 20, Add	*0.83*	
		For >200, Deduct	*-0.31*	
		For Work In Restricted Working Space, Add	*1.31*	
		For Medical/Oxygen Service Tubing, Add	*0.25*	
22 11 16 00-0377	LF	3/4" Hard Drawn Type L Copper Tube/Pipe	9.70	3.10
		For Up To 20, Add	*1.10*	
		For >200, Deduct	*-0.51*	
		For Work In Restricted Working Space, Add	*1.39*	
		For Medical/Oxygen Service Tubing, Add	*0.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0378	LF	1" Hard Drawn Type L Copper Tube/Pipe	12.54	3.48
		For Up To 20, Add	*1.44*	
		For >200, Deduct	*-0.73*	
		For Work In Restricted Working Space, Add	*1.57*	
		For Medical/Oxygen Service Tubing, Add	*0.59*	
22 11 16 00-0379	LF	1-1/4" Hard Drawn Type L Copper Tube/Pipe	17.84	5.17
		For Up To 20, Add	*2.04*	
		For >200, Deduct	*-1.01*	
		For Work In Restricted Working Space, Add	*2.33*	
		For Medical/Oxygen Service Tubing, Add	*0.81*	
22 11 16 00-0380	LF	1-1/2" Hard Drawn Type L Copper Tube/Pipe	21.64	5.78
		For Up To 20, Add	*2.49*	
		For >200, Deduct	*-1.30*	
		For Work In Restricted Working Space, Add	*2.60*	
		For Medical/Oxygen Service Tubing, Add	*1.04*	
22 11 16 00-0381	LF	2" Hard Drawn Type L Copper Tube/Pipe	31.22	7.13
		For Up To 20, Add	*3.64*	
		For >200, Deduct	*-2.05*	
		For Work In Restricted Working Space, Add	*3.20*	
		For Medical/Oxygen Service Tubing, Add	*1.64*	
22 11 16 00-0382	LF	2-1/2" Hard Drawn Type L Copper Tube/Pipe	54.83	8.38
		For Up To 20, Add	*6.22*	
		For >200, Deduct	*-2.97*	
		For Work In Restricted Working Space, Add	*7.55*	
		For Medical/Oxygen Service Tubing, Add	*2.37*	
22 11 16 00-0383	LF	3" Hard Drawn Type L Copper Tube/Pipe	69.17	9.88
		For Up To 20, Add	*7.91*	
		For >200, Deduct	*-3.96*	
		For Work In Restricted Working Space, Add	*8.88*	
		For Medical/Oxygen Service Tubing, Add	*3.17*	
22 11 16 00-0384	LF	4" Hard Drawn Type L Copper Tube/Pipe	103.92	11.14
		For Up To 20, Add	*12.16*	
		For >200, Deduct	*-7.05*	
		For Work In Restricted Working Space, Add	*10.02*	
		For Medical/Oxygen Service Tubing, Add	*5.64*	
22 11 16 00-0385	LF	5" Hard Drawn Type L Copper Tube/Pipe	162.93	12.79
		For Up To 20, Add	*19.41*	
		For >200, Deduct	*-12.46*	
		For Work In Restricted Working Space, Add	*11.51*	
		For Medical/Oxygen Service Tubing, Add	*9.96*	
22 11 16 00-0386	LF	6" Hard Drawn Type L Copper Tube/Pipe	223.32	19.83
		For Up To 20, Add	*26.43*	
		For >200, Deduct	*-16.39*	
		For Work In Restricted Working Space, Add	*17.84*	
		For Medical/Oxygen Service Tubing, Add	*13.11*	
22 11 16 00-0387	LF	8" Hard Drawn Type L Copper Tube/Pipe	374.92	22.04
		For Up To 20, Add	*45.21*	
		For >200, Deduct	*-30.88*	
		For Work In Restricted Working Space, Add	*19.83*	
		For Medical/Oxygen Service Tubing, Add	*24.71*	

22 11 16 00-0388 Hard Drawn Type K Copper Tube/Pipe *(22 11 16 00-0372)*

22 11 16 00-0389	LF	1/4" Hard Drawn Type K Copper Tube/Pipe	6.34	2.89
		For Up To 20, Add	*0.68*	
		For >200, Deduct	*-0.20*	
		For Work In Restricted Working Space, Add	*1.30*	
		For Medical/Oxygen Service Tubing, Add	*0.16*	
22 11 16 00-0390	LF	3/8" Hard Drawn Type K Copper Tube/Pipe	8.55	3.01
		For Up To 20, Add	*0.95*	
		For >200, Deduct	*-0.36*	
		For Work In Restricted Working Space, Add	*1.49*	
		For Medical/Oxygen Service Tubing, Add	*0.29*	
22 11 16 00-0391	LF	1/2" Hard Drawn Type K Copper Tube/Pipe	9.06	3.13
		For Up To 20, Add	*1.01*	
		For >200, Deduct	*-0.42*	
		For Work In Restricted Working Space, Add	*1.45*	
		For Medical/Oxygen Service Tubing, Add	*0.34*	
22 11 16 00-0392	LF	3/4" Hard Drawn Type K Copper Tube/Pipe	13.23	3.32
		For Up To 20, Add	*1.51*	
		For >200, Deduct	*-0.76*	
		For Work In Restricted Working Space, Add	*1.68*	
		For Medical/Oxygen Service Tubing, Add	*0.61*	
22 11 16 00-0393	LF	1" Hard Drawn Type K Copper Tube/Pipe	16.09	3.74
		For Up To 20, Add	*1.86*	
		For >200, Deduct	*-1.01*	
		For Work In Restricted Working Space, Add	*1.79*	
		For Medical/Oxygen Service Tubing, Add	*0.81*	
22 11 16 00-0394	LF	1-1/4" Hard Drawn Type K Copper Tube/Pipe	21.06	5.56
		For Up To 20, Add	*2.42*	
		For >200, Deduct	*-1.26*	
		For Work In Restricted Working Space, Add	*2.53*	
		For Medical/Oxygen Service Tubing, Add	*1.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0395	LF	1-1/2" Hard Drawn Type K Copper Tube/Pipe	25.67	6.20
		For Up To 20, Add	*2.97*	
		For >200, Deduct	*-1.62*	
		For Work In Restricted Working Space, Add	*2.85*	
		For Medical/Oxygen Service Tubing, Add	*1.29*	
22 11 16 00-0396	LF	2" Hard Drawn Type K Copper Tube/Pipe	36.48	7.66
		For Up To 20, Add	*4.27*	
		For >200, Deduct	*-2.49*	
		For Work In Restricted Working Space, Add	*3.49*	
		For Medical/Oxygen Service Tubing, Add	*1.99*	
22 11 16 00-0397	LF	2-1/2" Hard Drawn Type K Copper Tube/Pipe	62.33	9.00
		For Up To 20, Add	*7.16*	
		For >200, Deduct	*-3.71*	
		For Work In Restricted Working Space, Add	*7.58*	
		For Medical/Oxygen Service Tubing, Add	*2.96*	
22 11 16 00-0398	LF	3" Hard Drawn Type K Copper Tube/Pipe	83.21	10.62
		For Up To 20, Add	*9.59*	
		For >200, Deduct	*-5.06*	
		For Work In Restricted Working Space, Add	*9.77*	
		For Medical/Oxygen Service Tubing, Add	*4.05*	
22 11 16 00-0399	LF	4" Hard Drawn Type K Copper Tube/Pipe	127.17	11.97
		For Up To 20, Add	*14.97*	
		For >200, Deduct	*-9.03*	
		For Work In Restricted Working Space, Add	*11.07*	
		For Medical/Oxygen Service Tubing, Add	*7.22*	
22 11 16 00-0400	LF	5" Hard Drawn Type K Copper Tube/Pipe	208.97	13.75
		For Up To 20, Add	*25.03*	
		For >200, Deduct	*-16.54*	
		For Work In Restricted Working Space, Add	*13.07*	
		For Medical/Oxygen Service Tubing, Add	*13.23*	
22 11 16 00-0401	LF	6" Hard Drawn Type K Copper Tube/Pipe	307.55	21.31
		For Up To 20, Add	*36.69*	
		For >200, Deduct	*-23.73*	
		For Work In Restricted Working Space, Add	*21.07*	
		For Medical/Oxygen Service Tubing, Add	*18.99*	
22 11 16 00-0402	LF	8" Hard Drawn Type K Copper Tube/Pipe	521.78	23.69
		For Up To 20, Add	*63.29*	
		For >200, Deduct	*-44.44*	
		For Work In Restricted Working Space, Add	*23.22*	
		For Medical/Oxygen Service Tubing, Add	*35.55*	

22 11 16 00-0403 Hard Drawn Type M Copper Tube/Pipe *(22 11 16 00-0372)*

22 11 16 00-0404	LF	3/8" Hard Drawn Type M Copper Tube/Pipe	5.67	2.53
		For Up To 20, Add	*0.62*	
		For >200, Deduct	*-0.20*	
		For Work In Restricted Working Space, Add	*1.09*	
22 11 16 00-0405	LF	1/2" Hard Drawn Type M Copper Tube/Pipe	6.04	2.63
		For Up To 20, Add	*0.66*	
		For >200, Deduct	*-0.23*	
		For Work In Restricted Working Space, Add	*1.13*	
22 11 16 00-0406	LF	3/4" Hard Drawn Type M Copper Tube/Pipe	7.71	2.79
		For Up To 20, Add	*0.86*	
		For >200, Deduct	*-0.37*	
		For Work In Restricted Working Space, Add	*1.20*	
22 11 16 00-0407	LF	1" Hard Drawn Type M Copper Tube/Pipe	10.17	3.13
		For Up To 20, Add	*1.16*	
		For >200, Deduct	*-0.57*	
		For Work In Restricted Working Space, Add	*1.34*	
22 11 16 00-0408	LF	1-1/4" Hard Drawn Type M Copper Tube/Pipe	15.20	4.66
		For Up To 20, Add	*1.73*	
		For >200, Deduct	*-0.83*	
		For Work In Restricted Working Space, Add	*2.06*	
22 11 16 00-0409	LF	1-1/2" Hard Drawn Type M Copper Tube/Pipe	19.37	5.20
		For Up To 20, Add	*2.22*	
		For >200, Deduct	*-1.15*	
		For Work In Restricted Working Space, Add	*2.37*	
22 11 16 00-0410	LF	2" Hard Drawn Type M Copper Tube/Pipe	27.86	6.41
		For Up To 20, Add	*3.24*	
		For >200, Deduct	*-1.81*	
		For Work In Restricted Working Space, Add	*2.94*	
22 11 16 00-0411	LF	2-1/2" Hard Drawn Type M Copper Tube/Pipe	49.99	7.54
		For Up To 20, Add	*5.65*	
		For >200, Deduct	*-2.62*	
		For Work In Restricted Working Space, Add	*7.13*	
22 11 16 00-0412	LF	3" Hard Drawn Type M Copper Tube/Pipe	61.57	8.88
		For Up To 20, Add	*7.03*	
		For >200, Deduct	*-3.49*	
		For Work In Restricted Working Space, Add	*8.01*	
22 11 16 00-0413	LF	4" Hard Drawn Type M Copper Tube/Pipe	96.45	10.03
		For Up To 20, Add	*11.28*	
		For >200, Deduct	*-6.53*	
		For Work In Restricted Working Space, Add	*9.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0414	LF	5" Hard Drawn Type M Copper Tube/Pipe	162.71	11.51
		For Up To 20, Add	*19.44*	
		For >200, Deduct	*-12.67*	
		For Work In Restricted Working Space, Add	*10.79*	
22 11 16 00-0415	LF	6" Hard Drawn Type M Copper Tube/Pipe	225.03	17.85
		For Up To 20, Add	*26.74*	
		For >200, Deduct	*-16.93*	
		For Work In Restricted Working Space, Add	*16.72*	
22 11 16 00-0416	LF	8" Hard Drawn Type M Copper Tube/Pipe	382.15	19.84
		For Up To 20, Add	*46.24*	
		For >200, Deduct	*-32.09*	
		For Work In Restricted Working Space, Add	*18.39*	
22 11 16 00-0417		**Soft Drawn Type L Copper Tube** *(22 11 16 00-0372)*		
22 11 16 00-0418	LF	1/4" Soft Drawn Type L Copper Tube	6.33	2.69
		For Up To 20, Add	*0.69*	
		For >200, Deduct	*-0.23*	
		For Work In Restricted Working Space, Add	*1.21*	
22 11 16 00-0419	LF	3/8" Soft Drawn Type L Copper Tube	7.78	2.80
		For Up To 20, Add	*0.87*	
		For >200, Deduct	*-0.36*	
		For Work In Restricted Working Space, Add	*1.26*	
22 11 16 00-0420	LF	1/2" Soft Drawn Type L Copper Tube	9.18	2.92
		For Up To 20, Add	*1.04*	
		For >200, Deduct	*-0.48*	
		For Work In Restricted Working Space, Add	*1.31*	
22 11 16 00-0421	LF	5/8" Soft Drawn Type L Copper Tube	10.67	3.01
		For Up To 20, Add	*1.22*	
		For >200, Deduct	*-0.62*	
		For Work In Restricted Working Space, Add	*1.35*	
22 11 16 00-0422	LF	3/4" Soft Drawn Type L Copper Tube	11.99	3.10
		For Up To 20, Add	*1.38*	
		For >200, Deduct	*-0.74*	
		For Work In Restricted Working Space, Add	*1.39*	
22 11 16 00-0423	LF	1" Soft Drawn Type L Copper Tube	15.40	3.48
		For Up To 20, Add	*1.79*	
		For >200, Deduct	*-1.02*	
		For Work In Restricted Working Space, Add	*1.57*	
22 11 16 00-0424	LF	1-1/4" Soft Drawn Type L Copper Tube	21.15	5.17
		For Up To 20, Add	*2.45*	
		For >200, Deduct	*-1.34*	
		For Work In Restricted Working Space, Add	*2.33*	
22 11 16 00-0425	LF	1-1/2" Soft Drawn Type L Copper Tube	26.82	5.78
		For Up To 20, Add	*3.14*	
		For >200, Deduct	*-1.82*	
		For Work In Restricted Working Space, Add	*2.60*	
22 11 16 00-0426	LF	2" Soft Drawn Type L Copper Tube	39.56	7.13
		For Up To 20, Add	*4.68*	
		For >200, Deduct	*-2.89*	
		For Work In Restricted Working Space, Add	*3.20*	
22 11 16 00-0427		**Soft Drawn Type K Copper Tube** *(22 11 16 00-0372)*		
22 11 16 00-0428	LF	1/4" Soft Drawn Type K Copper Tube	6.56	2.69
		For Up To 20, Add	*0.72*	
		For >200, Deduct	*-0.25*	
		For Work In Restricted Working Space, Add	*1.21*	
22 11 16 00-0429	LF	3/8" Soft Drawn Type K Copper Tube	8.52	2.80
		For Up To 20, Add	*0.96*	
		For >200, Deduct	*-0.43*	
		For Work In Restricted Working Space, Add	*1.26*	
22 11 16 00-0430	LF	1/2" Soft Drawn Type K Copper Tube	9.80	2.92
		For Up To 20, Add	*1.12*	
		For >200, Deduct	*-0.54*	
		For Work In Restricted Working Space, Add	*1.31*	
22 11 16 00-0431	LF	5/8" Soft Drawn Type K Copper Tube	10.97	3.01
		For Up To 20, Add	*1.26*	
		For >200, Deduct	*-0.65*	
		For Work In Restricted Working Space, Add	*1.35*	
22 11 16 00-0432	LF	3/4" Soft Drawn Type K Copper Tube	14.66	3.10
		For Up To 20, Add	*1.72*	
		For >200, Deduct	*-1.00*	
		For Work In Restricted Working Space, Add	*1.39*	
22 11 16 00-0433	LF	1" Soft Drawn Type K Copper Tube	18.53	3.48
		For Up To 20, Add	*2.19*	
		For >200, Deduct	*-1.33*	
		For Work In Restricted Working Space, Add	*1.57*	
22 11 16 00-0434	LF	1-1/4" Soft Drawn Type K Copper Tube	23.44	5.17
		For Up To 20, Add	*2.74*	
		For >200, Deduct	*-1.57*	
		For Work In Restricted Working Space, Add	*2.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0435	LF	1-1/2" Soft Drawn Type K Copper Tube	30.46	5.78
		For Up To 20, Add	*3.59*	
		For >200, Deduct	*-2.18*	
		For Work In Restricted Working Space, Add	*2.60*	
22 11 16 00-0436	LF	2" Soft Drawn Type K Copper Tube	44.56	7.13
		For Up To 20, Add	*5.30*	
		For >200, Deduct	*-3.39*	
		For Work In Restricted Working Space, Add	*3.20*	
22 11 16 00-0437	LF	2-1/2" Soft Drawn Type K Copper Tube	63.63	8.55
		For Up To 20, Add	*7.63*	
		For >200, Deduct	*-5.08*	
		For Work In Restricted Working Space, Add	*3.84*	
22 11 16 00-0438	LF	3" Soft Drawn Type K Copper Tube	85.82	10.09
		For Up To 20, Add	*10.35*	
		For >200, Deduct	*-7.07*	
		For Work In Restricted Working Space, Add	*4.54*	

22 11 16 00-0439 Copper And Brass Fittings *(22 11 16 00-0371)*

Note: All fittings are based on 95/5 solder.

22 11 16 00-0440 90 Degree Copper Elbows *(22 11 16 00-0439)*

22 11 16 00-0441	EA	1/4" 90 Degree Copper Elbow	27.05	15.95
		For Street Fitting, Add	*1.26*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.59*	
		For Work In Restricted Working Space, Add	*7.17*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.55*	
		For Silver Solder Instead Of 95/5 Solder, Add	*3.74*	
22 11 16 00-0442	EA	3/8" 90 Degree Copper Elbow	32.01	19.13
		For Street Fitting, Add	*1.33*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.30*	
		For Work In Restricted Working Space, Add	*8.61*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.04*	
		For Silver Solder Instead Of 95/5 Solder, Add	*4.47*	
22 11 16 00-0443	EA	1/2" 90 Degree Copper Elbow	40.53	26.30
		For Street Fitting, Add	*0.43*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.92*	
		For Work In Restricted Working Space, Add	*11.84*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.00*	
		For Silver Solder Instead Of 95/5 Solder, Add	*5.97*	
22 11 16 00-0444	EA	3/4" 90 Degree Copper Elbow	51.43	32.76
		For Street Fitting, Add	*0.97*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.35*	
		For Work In Restricted Working Space, Add	*14.70*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.02*	
		For Silver Solder Instead Of 95/5 Solder, Add	*7.47*	
22 11 16 00-0445	EA	1" 90 Degree Copper Elbow	64.50	39.10
		For Street Fitting, Add	*2.37*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.79*	
		For Work In Restricted Working Space, Add	*17.57*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.15*	
		For Silver Solder Instead Of 95/5 Solder, Add	*9.08*	
22 11 16 00-0446	EA	1-1/4" 90 Degree Copper Elbow	72.21	42.32
		For Street Fitting, Add	*3.54*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.50*	
		For Work In Restricted Working Space, Add	*19.01*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.78*	
		For Silver Solder Instead Of 95/5 Solder, Add	*9.95*	
22 11 16 00-0447	EA	1-1/2" 90 Degree Copper Elbow	83.18	46.27
		For Street Fitting, Add	*5.54*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.40*	
		For Work In Restricted Working Space, Add	*20.80*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.63*	
		For Silver Solder Instead Of 95/5 Solder, Add	*11.09*	
22 11 16 00-0448	EA	2" 90 Degree Copper Elbow	102.94	51.88
		For Street Fitting, Add	*10.09*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*11.66*	
		For Work In Restricted Working Space, Add	*23.31*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-9.03*	
		For Silver Solder Instead Of 95/5 Solder, Add	*12.92*	
22 11 16 00-0449	EA	2-1/2" 90 Degree Copper Elbow	128.16	52.84
		For Brazed Fittings Instead Of 95/5 Solder, Add	*11.89*	
		For Work In Restricted Working Space, Add	*23.78*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-10.37*	
		For Silver Solder Instead Of 95/5 Solder, Add	*14.33*	
22 11 16 00-0450	EA	3" 90 Degree Copper Elbow	163.64	63.19
		For Brazed Fittings Instead Of 95/5 Solder, Add	*14.20*	
		For Work In Restricted Working Space, Add	*28.40*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-12.92*	
		For Silver Solder Instead Of 95/5 Solder, Add	*17.65*	
22 11 16 00-0451	EA	4" 90 Degree Copper Elbow	301.62	89.62
		For Brazed Fittings Instead Of 95/5 Solder, Add	*20.15*	
		For Work In Restricted Working Space, Add	*40.29*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-21.80*	
		For Silver Solder Instead Of 95/5 Solder, Add	*28.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0452	EA	5" 90 Degree Copper Elbow	884.78	122.64
		For Brazed Fittings Instead Of 95/5 Solder, Add	*27.58*	
		For Work In Restricted Working Space, Add	*55.16*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-53.43*	
		For Silver Solder Instead Of 95/5 Solder, Add	*62.62*	
22 11 16 00-0453	EA	6" 90 Degree Copper Elbow	1,201.91	178.46
		For Brazed Fittings Instead Of 95/5 Solder, Add	*40.13*	
		For Work In Restricted Working Space, Add	*80.26*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-73.47*	
		For Silver Solder Instead Of 95/5 Solder, Add	*86.85*	
22 11 16 00-0454	EA	8" 90 Degree Copper Elbow	3,813.46	237.91
		For Brazed Fittings Instead Of 95/5 Solder, Add	*53.51*	
		For Work In Restricted Working Space, Add	*107.01*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-208.51*	
		For Silver Solder Instead Of 95/5 Solder, Add	*226.34*	
22 11 16 00-0455		**90 Degree Brass Elbows** *(22 11 16 00-0439)*		
22 11 16 00-0456	EA	1/2" Drop Ear 90 Degree Brass Elbow	46.20	26.30
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.92*	
		For Work In Restricted Working Space, Add	*11.84*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.28*	
		For Silver Solder Instead Of 95/5 Solder, Add	*6.26*	
22 11 16 00-0457	EA	3/4" Drop Ear 90 Degree Brass Elbow	68.71	32.76
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.35*	
		For Work In Restricted Working Space, Add	*14.70*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.89*	
		For Silver Solder Instead Of 95/5 Solder, Add	*8.34*	
22 11 16 00-0458	EA	1/2" Flanged Sink 90 Degree Brass Elbow	51.76	26.30
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.92*	
		For Work In Restricted Working Space, Add	*11.84*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.56*	
		For Silver Solder Instead Of 95/5 Solder, Add	*6.53*	
22 11 16 00-0459	EA	3/8" Drop Ear 90 Degree Brass Elbow, Solder X Threaded	38.79	19.13
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.30*	
		For Work In Restricted Working Space, Add	*8.61*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.37*	
		For Silver Solder Instead Of 95/5 Solder, Add	*4.81*	
22 11 16 00-0460	EA	1/2" Drop Ear 90 Degree Brass Elbow, Solder X Threaded	46.68	26.30
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.92*	
		For Work In Restricted Working Space, Add	*11.84*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.31*	
		For Silver Solder Instead Of 95/5 Solder, Add	*6.28*	
22 11 16 00-0461	EA	3/4" Drop Ear 90 Degree Brass Elbow, Solder X Threaded	61.74	32.76
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.35*	
		For Work In Restricted Working Space, Add	*14.70*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.54*	
		For Silver Solder Instead Of 95/5 Solder, Add	*7.99*	
22 11 16 00-0462	EA	1" Drop Ear 90 Degree Brass Elbow, Solder X Threaded	99.23	39.10
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.79*	
		For Work In Restricted Working Space, Add	*17.57*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.89*	
		For Silver Solder Instead Of 95/5 Solder, Add	*10.82*	
22 11 16 00-0463		**Reducing 90 Degree Copper Elbows** *(22 11 16 00-0439)*		
22 11 16 00-0464	EA	1/2" Reducing 90 Degree Copper Elbow	48.18	26.30
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.92*	
		For Work In Restricted Working Space, Add	*11.84*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.38*	
		For Silver Solder Instead Of 95/5 Solder, Add	*6.35*	
22 11 16 00-0465	EA	3/4" Reducing 90 Degree Copper Elbow	55.20	32.76
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.35*	
		For Work In Restricted Working Space, Add	*14.70*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.21*	
		For Silver Solder Instead Of 95/5 Solder, Add	*7.66*	
22 11 16 00-0466	EA	1" Reducing 90 Degree Copper Elbow	69.94	39.10
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.79*	
		For Work In Restricted Working Space, Add	*17.57*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.43*	
		For Silver Solder Instead Of 95/5 Solder, Add	*9.36*	
22 11 16 00-0467	EA	1-1/4" Reducing 90 Degree Copper Elbow	92.29	42.32
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.50*	
		For Work In Restricted Working Space, Add	*19.01*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.78*	
		For Silver Solder Instead Of 95/5 Solder, Add	*10.95*	
22 11 16 00-0468	EA	1-1/2" Reducing 90 Degree Copper Elbow	107.36	46.27
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.40*	
		For Work In Restricted Working Space, Add	*20.80*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-8.84*	
		For Silver Solder Instead Of 95/5 Solder, Add	*12.30*	
22 11 16 00-0469	EA	2" Reducing 90 Degree Copper Elbow	128.88	51.88
		For Brazed Fittings Instead Of 95/5 Solder, Add	*11.66*	
		For Work In Restricted Working Space, Add	*23.31*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-10.33*	
		For Silver Solder Instead Of 95/5 Solder, Add	*14.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0470		45 Degree Copper Elbows *(22 11 16 00-0439)*		
22 11 16 00-0471	EA	1/4" 45 Degree Copper Elbow	29.77	15.95
		For Street Fitting, Add	*2.34*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.59*	
		For Work In Restricted Working Space, Add	*7.17*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.68*	
		For Silver Solder Instead Of 95/5 Solder, Add	*3.88*	
22 11 16 00-0472	EA	3/8" 45 Degree Copper Elbow	33.71	19.13
		For Street Fitting, Add	*2.01*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.30*	
		For Work In Restricted Working Space, Add	*8.61*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.12*	
		For Silver Solder Instead Of 95/5 Solder, Add	*4.55*	
22 11 16 00-0473	EA	1/2" 45 Degree Copper Elbow	41.42	26.30
		For Street Fitting, Add	*0.79*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.92*	
		For Work In Restricted Working Space, Add	*11.84*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.04*	
		For Silver Solder Instead Of 95/5 Solder, Add	*6.02*	
22 11 16 00-0474	EA	3/4" 45 Degree Copper Elbow	52.39	32.76
		For Street Fitting, Add	*1.35*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.35*	
		For Work In Restricted Working Space, Add	*14.70*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.07*	
		For Silver Solder Instead Of 95/5 Solder, Add	*7.52*	
22 11 16 00-0475	EA	1" 45 Degree Copper Elbow	67.01	39.10
		For Street Fitting, Add	*3.37*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.79*	
		For Work In Restricted Working Space, Add	*17.57*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.28*	
		For Silver Solder Instead Of 95/5 Solder, Add	*9.21*	
22 11 16 00-0476	EA	1-1/4" 45 Degree Copper Elbow	74.78	42.32
		For Street Fitting, Add	*4.57*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.50*	
		For Work In Restricted Working Space, Add	*19.01*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.91*	
		For Silver Solder Instead Of 95/5 Solder, Add	*10.08*	
22 11 16 00-0477	EA	1-1/2" 45 Degree Copper Elbow	83.36	46.27
		For Street Fitting, Add	*5.61*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.40*	
		For Work In Restricted Working Space, Add	*20.80*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.64*	
		For Silver Solder Instead Of 95/5 Solder, Add	*11.10*	
22 11 16 00-0478	EA	2" 45 Degree Copper Elbow	101.08	51.88
		For Brazed Fittings Instead Of 95/5 Solder, Add	*11.66*	
		For Work In Restricted Working Space, Add	*23.31*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-8.94*	
		For Silver Solder Instead Of 95/5 Solder, Add	*12.83*	
22 11 16 00-0479	EA	2-1/2" 45 Degree Copper Elbow	127.57	52.84
		For Brazed Fittings Instead Of 95/5 Solder, Add	*11.89*	
		For Work In Restricted Working Space, Add	*23.78*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-10.34*	
		For Silver Solder Instead Of 95/5 Solder, Add	*14.30*	
22 11 16 00-0480	EA	3" 45 Degree Copper Elbow	166.36	63.19
		For Brazed Fittings Instead Of 95/5 Solder, Add	*14.20*	
		For Work In Restricted Working Space, Add	*28.40*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-13.05*	
		For Silver Solder Instead Of 95/5 Solder, Add	*17.79*	
22 11 16 00-0481	EA	4" 45 Degree Copper Elbow	287.15	89.62
		For Brazed Fittings Instead Of 95/5 Solder, Add	*20.15*	
		For Work In Restricted Working Space, Add	*40.29*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-21.07*	
		For Silver Solder Instead Of 95/5 Solder, Add	*27.79*	
22 11 16 00-0482	EA	5" 45 Degree Copper Elbow	775.75	122.64
		For Brazed Fittings Instead Of 95/5 Solder, Add	*27.58*	
		For Work In Restricted Working Space, Add	*55.16*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-47.98*	
		For Silver Solder Instead Of 95/5 Solder, Add	*57.17*	
22 11 16 00-0483	EA	6" 45 Degree Copper Elbow	1,200.31	178.46
		For Brazed Fittings Instead Of 95/5 Solder, Add	*40.13*	
		For Work In Restricted Working Space, Add	*80.26*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-73.39*	
		For Silver Solder Instead Of 95/5 Solder, Add	*86.77*	
22 11 16 00-0484	EA	8" 45 Degree Copper Elbow	3,526.29	237.91
		For Brazed Fittings Instead Of 95/5 Solder, Add	*53.51*	
		For Work In Restricted Working Space, Add	*107.01*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-194.15*	
		For Silver Solder Instead Of 95/5 Solder, Add	*211.98*	
22 11 16 00-0485		Straight Copper And Brass Tees *(22 11 16 00-0439)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0486	EA	1/4" Straight Copper Tee	42.45	23.91
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.38*	
		For Work In Restricted Working Space, Add	*10.76*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.92*	
		For Silver Solder Instead Of 95/5 Solder, Add	*5.71*	
22 11 16 00-0487	EA	3/8" Straight Copper Tee	48.33	28.69
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.46*	
		For Work In Restricted Working Space, Add	*12.91*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.57*	
		For Silver Solder Instead Of 95/5 Solder, Add	*6.72*	
22 11 16 00-0488	EA	1/2" Straight Copper Tee	61.63	39.93
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.97*	
		For Work In Restricted Working Space, Add	*17.93*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.07*	
		For Silver Solder Instead Of 95/5 Solder, Add	*9.06*	
22 11 16 00-0489	EA	3/4" Straight Copper Tee	78.54	49.50
		For Brazed Fittings Instead Of 95/5 Solder, Add	*11.12*	
		For Work In Restricted Working Space, Add	*22.24*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.63*	
		For Silver Solder Instead Of 95/5 Solder, Add	*11.34*	
22 11 16 00-0490	EA	1" Straight Copper Tee	101.77	59.06
		For Brazed Fittings Instead Of 95/5 Solder, Add	*13.27*	
		For Work In Restricted Working Space, Add	*26.54*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-9.51*	
		For Silver Solder Instead Of 95/5 Solder, Add	*13.94*	
22 11 16 00-0491	EA	1-1/4" Straight Copper Tee	114.17	63.84
		For Brazed Fittings Instead Of 95/5 Solder, Add	*14.35*	
		For Work In Restricted Working Space, Add	*28.69*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-10.49*	
		For Silver Solder Instead Of 95/5 Solder, Add	*15.27*	
22 11 16 00-0492	EA	1-1/2" Straight Copper Tee	132.04	69.34
		For Brazed Fittings Instead Of 95/5 Solder, Add	*15.60*	
		For Work In Restricted Working Space, Add	*31.20*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-11.80*	
		For Silver Solder Instead Of 95/5 Solder, Add	*17.00*	
22 11 16 00-0493	EA	2" Straight Copper Tee	161.73	78.19
		For Brazed Fittings Instead Of 95/5 Solder, Add	*17.58*	
		For Work In Restricted Working Space, Add	*35.15*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-13.95*	
		For Silver Solder Instead Of 95/5 Solder, Add	*19.80*	
22 11 16 00-0494	EA	2-1/2" Straight Copper Tee	206.06	79.26
		For Brazed Fittings Instead Of 95/5 Solder, Add	*17.84*	
		For Work In Restricted Working Space, Add	*35.67*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-16.25*	
		For Silver Solder Instead Of 95/5 Solder, Add	*22.19*	
22 11 16 00-0495	EA	3" Straight Copper Tee	276.27	95.45
		For Brazed Fittings Instead Of 95/5 Solder, Add	*21.47*	
		For Work In Restricted Working Space, Add	*42.93*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-20.97*	
		For Silver Solder Instead Of 95/5 Solder, Add	*28.12*	
22 11 16 00-0496	EA	4" Straight Copper Tee	522.64	133.65
		For Brazed Fittings Instead Of 95/5 Solder, Add	*30.05*	
		For Work In Restricted Working Space, Add	*60.11*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-36.15*	
		For Silver Solder Instead Of 95/5 Solder, Add	*46.17*	
22 11 16 00-0497	EA	5" Straight Copper Tee	1,327.64	182.86
		For Brazed Fittings Instead Of 95/5 Solder, Add	*41.12*	
		For Work In Restricted Working Space, Add	*82.24*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-80.09*	
		For Silver Solder Instead Of 95/5 Solder, Add	*93.79*	
22 11 16 00-0498	EA	6" Straight Copper Tee	1,841.97	268.07
		For Brazed Fittings Instead Of 95/5 Solder, Add	*60.27*	
		For Work In Restricted Working Space, Add	*120.55*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-112.19*	
		For Silver Solder Instead Of 95/5 Solder, Add	*132.28*	
22 11 16 00-0499	EA	8" Straight Copper Tee	6,090.33	356.91
		For Brazed Fittings Instead Of 95/5 Solder, Add	*80.26*	
		For Work In Restricted Working Space, Add	*160.51*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-331.27*	
		For Silver Solder Instead Of 95/5 Solder, Add	*358.02*	
22 11 16 00-0500	EA	1/2" Cast Bronze Drop Ear Tee	71.17	39.93
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.97*	
		For Work In Restricted Working Space, Add	*17.93*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.55*	
		For Silver Solder Instead Of 95/5 Solder, Add	*9.54*	

22 11 16 00-0501 Reducing Copper Tees *(22 11 16 00-0439)*

22 11 16 00-0502	EA	3/8" Reducing Copper Tee	48.71	25.47
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.74*	
		For Work In Restricted Working Space, Add	*11.48*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.35*	
		For Silver Solder Instead Of 95/5 Solder, Add	*6.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0503	EA	1/2" Reducing Copper Tee	63.01	35.87
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.07*	
		For Work In Restricted Working Space, Add	*16.14*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.84*	
		For Silver Solder Instead Of 95/5 Solder, Add	*8.53*	
22 11 16 00-0504	EA	3/4" Reducing Copper Tee	74.03	46.27
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.40*	
		For Work In Restricted Working Space, Add	*20.80*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.17*	
		For Silver Solder Instead Of 95/5 Solder, Add	*10.64*	
22 11 16 00-0505	EA	1" Reducing Copper Tee	98.59	55.83
		For Brazed Fittings Instead Of 95/5 Solder, Add	*12.55*	
		For Work In Restricted Working Space, Add	*25.10*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-9.11*	
		For Silver Solder Instead Of 95/5 Solder, Add	*13.30*	
22 11 16 00-0506	EA	1-1/4" Reducing Copper Tee	113.49	60.61
		For Brazed Fittings Instead Of 95/5 Solder, Add	*13.63*	
		For Work In Restricted Working Space, Add	*27.26*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-10.22*	
		For Silver Solder Instead Of 95/5 Solder, Add	*14.76*	
22 11 16 00-0507	EA	1-1/2" Reducing Copper Tee	131.21	66.23
		For Brazed Fittings Instead Of 95/5 Solder, Add	*14.88*	
		For Work In Restricted Working Space, Add	*29.77*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-11.52*	
		For Silver Solder Instead Of 95/5 Solder, Add	*16.48*	
22 11 16 00-0508	EA	2" Reducing Copper Tee	157.43	74.12
		For Brazed Fittings Instead Of 95/5 Solder, Add	*16.68*	
		For Work In Restricted Working Space, Add	*33.36*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-13.43*	
		For Silver Solder Instead Of 95/5 Solder, Add	*18.99*	
22 11 16 00-0509	EA	2-1/2" Reducing Copper Tee	209.97	76.40
		For Brazed Fittings Instead Of 95/5 Solder, Add	*17.17*	
		For Work In Restricted Working Space, Add	*34.35*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-16.22*	
		For Silver Solder Instead Of 95/5 Solder, Add	*21.95*	
22 11 16 00-0510	EA	3" Reducing Copper Tee	288.91	88.07
		For Brazed Fittings Instead Of 95/5 Solder, Add	*19.82*	
		For Work In Restricted Working Space, Add	*39.63*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-21.05*	
		For Silver Solder Instead Of 95/5 Solder, Add	*27.66*	
22 11 16 00-0511	EA	4" Reducing Copper Tee	493.02	108.66
		For Brazed Fittings Instead Of 95/5 Solder, Add	*24.44*	
		For Work In Restricted Working Space, Add	*48.88*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-32.80*	
		For Silver Solder Instead Of 95/5 Solder, Add	*40.95*	

22 11 16 00-0512 Copper Couplings *(22 11 16 00-0439)*

22 11 16 00-0513	EA	1/4" Copper Coupling	20.47	13.27
		For Brazed Fittings Instead Of 95/5 Solder, Add	*2.98*	
		For Work In Restricted Working Space, Add	*5.95*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.02*	
		For Silver Solder Instead Of 95/5 Solder, Add	*3.01*	
22 11 16 00-0514	EA	3/8" Copper Coupling	24.66	15.91
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.57*	
		For Work In Restricted Working Space, Add	*7.15*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.42*	
		For Silver Solder Instead Of 95/5 Solder, Add	*3.62*	
22 11 16 00-0515	EA	1/2" Copper Coupling	33.44	21.75
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.91*	
		For Work In Restricted Working Space, Add	*9.83*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.31*	
		For Silver Solder Instead Of 95/5 Solder, Add	*4.95*	
22 11 16 00-0516	EA	3/4" Copper Coupling	42.09	27.14
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.10*	
		For Work In Restricted Working Space, Add	*12.21*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.14*	
		For Silver Solder Instead Of 95/5 Solder, Add	*6.17*	
22 11 16 00-0517	EA	1" Copper Coupling	51.40	32.39
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.29*	
		For Work In Restricted Working Space, Add	*14.59*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.00*	
		For Silver Solder Instead Of 95/5 Solder, Add	*7.43*	
22 11 16 00-0518	EA	1-1/4" Copper Coupling	57.49	35.03
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.89*	
		For Work In Restricted Working Space, Add	*15.78*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.50*	
		For Silver Solder Instead Of 95/5 Solder, Add	*8.13*	
22 11 16 00-0519	EA	1-1/2" Copper Coupling	64.04	38.37
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.63*	
		For Work In Restricted Working Space, Add	*17.27*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.08*	
		For Silver Solder Instead Of 95/5 Solder, Add	*8.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0520	EA	2" Copper Coupling	75.29	42.92
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.68*	
		For Work In Restricted Working Space, Add	*19.35*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.99*	
		For Silver Solder Instead Of 95/5 Solder, Add	*10.21*	
22 11 16 00-0521	EA	2-1/2" Copper Coupling	87.09	43.38
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.78*	
		For Work In Restricted Working Space, Add	*19.55*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.61*	
		For Silver Solder Instead Of 95/5 Solder, Add	*10.87*	
22 11 16 00-0522	EA	3" Copper Coupling	110.48	53.72
		For Brazed Fittings Instead Of 95/5 Solder, Add	*12.10*	
		For Work In Restricted Working Space, Add	*24.19*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-9.56*	
		For Silver Solder Instead Of 95/5 Solder, Add	*13.59*	
22 11 16 00-0523	EA	4" Copper Coupling	180.01	76.07
		For Brazed Fittings Instead Of 95/5 Solder, Add	*17.14*	
		For Work In Restricted Working Space, Add	*34.28*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-14.71*	
		For Silver Solder Instead Of 95/5 Solder, Add	*20.43*	
22 11 16 00-0524	EA	5" Copper Coupling	302.46	110.20
		For Brazed Fittings Instead Of 95/5 Solder, Add	*24.82*	
		For Work In Restricted Working Space, Add	*49.64*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-23.40*	
		For Silver Solder Instead Of 95/5 Solder, Add	*31.67*	
22 11 16 00-0525	EA	6" Copper Coupling	467.17	160.41
		For Brazed Fittings Instead Of 95/5 Solder, Add	*36.12*	
		For Work In Restricted Working Space, Add	*72.23*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-35.40*	
		For Silver Solder Instead Of 95/5 Solder, Add	*47.44*	
22 11 16 00-0526	EA	8" Copper Coupling	1,054.93	213.80
		For Brazed Fittings Instead Of 95/5 Solder, Add	*48.15*	
		For Work In Restricted Working Space, Add	*96.31*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-68.80*	
		For Silver Solder Instead Of 95/5 Solder, Add	*84.85*	

22 11 16 00-0527 Reducing Copper Couplings *(22 11 16 00-0439)*

22 11 16 00-0528	EA	3/8" Reducing Copper Coupling	23.20	14.59
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.27*	
		For Work In Restricted Working Space, Add	*6.55*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.25*	
		For Silver Solder Instead Of 95/5 Solder, Add	*3.34*	
22 11 16 00-0529	EA	1/2" Reducing Copper Coupling	29.72	18.89
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.24*	
		For Work In Restricted Working Space, Add	*8.49*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.90*	
		For Silver Solder Instead Of 95/5 Solder, Add	*4.32*	
22 11 16 00-0530	EA	3/4" Reducing Copper Coupling	39.19	24.51
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.51*	
		For Work In Restricted Working Space, Add	*11.01*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.80*	
		For Silver Solder Instead Of 95/5 Solder, Add	*5.63*	
22 11 16 00-0531	EA	1" Reducing Copper Coupling	49.14	29.77
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.70*	
		For Work In Restricted Working Space, Add	*13.40*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.69*	
		For Silver Solder Instead Of 95/5 Solder, Add	*6.92*	
22 11 16 00-0532	EA	1-1/4" Reducing Copper Coupling	56.86	33.71
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.59*	
		For Work In Restricted Working Space, Add	*15.18*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.37*	
		For Silver Solder Instead Of 95/5 Solder, Add	*7.90*	
22 11 16 00-0533	EA	1-1/2" Reducing Copper Coupling	65.41	36.70
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.26*	
		For Work In Restricted Working Space, Add	*16.52*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.02*	
		For Silver Solder Instead Of 95/5 Solder, Add	*8.78*	
22 11 16 00-0534	EA	2" Reducing Copper Coupling	77.02	40.65
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.15*	
		For Work In Restricted Working Space, Add	*18.31*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.90*	
		For Silver Solder Instead Of 95/5 Solder, Add	*9.95*	
22 11 16 00-0535	EA	2-1/2" Reducing Copper Coupling	94.82	41.50
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.34*	
		For Work In Restricted Working Space, Add	*18.69*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.86*	
		For Silver Solder Instead Of 95/5 Solder, Add	*10.97*	
22 11 16 00-0536	EA	3" Reducing Copper Coupling	113.13	48.55
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.94*	
		For Work In Restricted Working Space, Add	*21.88*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-9.30*	
		For Silver Solder Instead Of 95/5 Solder, Add	*12.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0537	EA	4" Reducing Copper Coupling	177.29	64.95
		For Brazed Fittings Instead Of 95/5 Solder, Add	*14.62*	
		For Work In Restricted Working Space, Add	*29.24*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-13.74*	
		For Silver Solder Instead Of 95/5 Solder, Add	*18.61*	
22 11 16 00-0538	EA	5" Reducing Copper Coupling	448.63	90.93
		For Brazed Fittings Instead Of 95/5 Solder, Add	*20.47*	
		For Work In Restricted Working Space, Add	*40.94*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-29.25*	
		For Silver Solder Instead Of 95/5 Solder, Add	*36.08*	
22 11 16 00-0539	EA	6" Reducing Copper Coupling	657.52	115.92
		For Brazed Fittings Instead Of 95/5 Solder, Add	*26.12*	
		For Work In Restricted Working Space, Add	*52.23*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-41.58*	
		For Silver Solder Instead Of 95/5 Solder, Add	*50.29*	
22 11 16 00-0540	EA	8" Reducing Copper Coupling	1,305.53	186.94
		For Brazed Fittings Instead Of 95/5 Solder, Add	*42.11*	
		For Work In Restricted Working Space, Add	*84.22*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-79.31*	
		For Silver Solder Instead Of 95/5 Solder, Add	*93.35*	
22 11 16 00-0541		**Male Copper Adapters** *(22 11 16 00-0439)*		
22 11 16 00-0542	EA	1/4" Male Copper Adapter	35.00	15.54
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.59*	
		For Work In Restricted Working Space, Add	*7.17*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.95*	
		For Silver Solder Instead Of 95/5 Solder, Add	*4.14*	
22 11 16 00-0543	EA	3/8" Male Copper Adapter	34.22	19.13
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.30*	
		For Work In Restricted Working Space, Add	*8.61*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.15*	
		For Silver Solder Instead Of 95/5 Solder, Add	*4.58*	
22 11 16 00-0544	EA	1/2" Male Copper Adapter	38.11	23.91
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.38*	
		For Work In Restricted Working Space, Add	*10.76*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.70*	
		For Silver Solder Instead Of 95/5 Solder, Add	*5.49*	
22 11 16 00-0545	EA	3/4" Male Copper Adapter	48.03	29.89
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.63*	
		For Work In Restricted Working Space, Add	*13.27*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.61*	
		For Silver Solder Instead Of 95/5 Solder, Add	*6.82*	
22 11 16 00-0546	EA	1" Male Copper Adapter	61.06	34.67
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.71*	
		For Work In Restricted Working Space, Add	*15.42*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.62*	
		For Silver Solder Instead Of 95/5 Solder, Add	*8.19*	
22 11 16 00-0547	EA	1-1/4" Male Copper Adapter	73.83	39.45
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.97*	
		For Work In Restricted Working Space, Add	*17.93*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.68*	
		For Silver Solder Instead Of 95/5 Solder, Add	*9.67*	
22 11 16 00-0548	EA	1-1/2" Male Copper Adapter	84.59	45.43
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.22*	
		For Work In Restricted Working Space, Add	*20.45*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.64*	
		For Silver Solder Instead Of 95/5 Solder, Add	*11.04*	
22 11 16 00-0549	EA	2" Male Copper Adapter	115.11	57.98
		For Brazed Fittings Instead Of 95/5 Solder, Add	*13.09*	
		For Work In Restricted Working Space, Add	*26.18*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-10.12*	
		For Silver Solder Instead Of 95/5 Solder, Add	*14.48*	
22 11 16 00-0550	EA	2-1/2" Male Copper Adapter	199.86	75.32
		For Brazed Fittings Instead Of 95/5 Solder, Add	*16.86*	
		For Work In Restricted Working Space, Add	*33.71*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-15.61*	
		For Silver Solder Instead Of 95/5 Solder, Add	*21.23*	
22 11 16 00-0551	EA	3" Male Copper Adapter	265.54	100.46
		For Brazed Fittings Instead Of 95/5 Solder, Add	*22.46*	
		For Work In Restricted Working Space, Add	*44.92*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-20.76*	
		For Silver Solder Instead Of 95/5 Solder, Add	*28.25*	
22 11 16 00-0552	EA	4" Male Copper Adapter	396.60	140.92
		For Brazed Fittings Instead Of 95/5 Solder, Add	*31.71*	
		For Work In Restricted Working Space, Add	*63.41*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-30.40*	
		For Silver Solder Instead Of 95/5 Solder, Add	*40.97*	
22 11 16 00-0553		**Female Copper Adapters** *(22 11 16 00-0439)*		
22 11 16 00-0554	EA	1/4" Female Copper Adapter	30.99	15.54
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.59*	
		For Work In Restricted Working Space, Add	*7.17*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.75*	
		For Silver Solder Instead Of 95/5 Solder, Add	*3.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0555	EA	3/8" Female Copper Adapter	36.10	19.13
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.30*	
		For Work In Restricted Working Space, Add	*8.61*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.24*	
		For Silver Solder Instead Of 95/5 Solder, Add	*4.67*	
22 11 16 00-0556	EA	1/2" Female Copper Adapter	39.46	23.91
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.38*	
		For Work In Restricted Working Space, Add	*10.76*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.77*	
		For Silver Solder Instead Of 95/5 Solder, Add	*5.56*	
22 11 16 00-0557	EA	3/4" Female Copper Adapter	49.13	29.89
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.63*	
		For Work In Restricted Working Space, Add	*13.27*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.67*	
		For Silver Solder Instead Of 95/5 Solder, Add	*6.88*	
22 11 16 00-0558	EA	1" Female Copper Adapter	62.62	34.67
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.71*	
		For Work In Restricted Working Space, Add	*15.42*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.70*	
		For Silver Solder Instead Of 95/5 Solder, Add	*8.27*	
22 11 16 00-0559	EA	1-1/4" Female Copper Adapter	76.22	39.45
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.97*	
		For Work In Restricted Working Space, Add	*17.93*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.80*	
		For Silver Solder Instead Of 95/5 Solder, Add	*9.79*	
22 11 16 00-0560	EA	1-1/2" Female Copper Adapter	93.88	45.43
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.22*	
		For Work In Restricted Working Space, Add	*20.45*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-8.10*	
		For Silver Solder Instead Of 95/5 Solder, Add	*11.51*	
22 11 16 00-0561	EA	2" Female Copper Adapter	122.19	57.98
		For Brazed Fittings Instead Of 95/5 Solder, Add	*13.09*	
		For Work In Restricted Working Space, Add	*26.18*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-10.47*	
		For Silver Solder Instead Of 95/5 Solder, Add	*14.84*	
22 11 16 00-0562	EA	2-1/2" Female Copper Adapter	226.92	69.36
		For Brazed Fittings Instead Of 95/5 Solder, Add	*15.52*	
		For Work In Restricted Working Space, Add	*31.04*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-16.52*	
		For Silver Solder Instead Of 95/5 Solder, Add	*21.69*	
22 11 16 00-0563	EA	3" Female Copper Adapter	357.66	100.46
		For Brazed Fittings Instead Of 95/5 Solder, Add	*22.46*	
		For Work In Restricted Working Space, Add	*44.92*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-25.37*	
		For Silver Solder Instead Of 95/5 Solder, Add	*32.86*	

22 11 16 00-0564 Wrot Copper, Solder Union *(22 11 16 00-0439)*

22 11 16 00-0565	EA	1/4" Wrot Copper, Solder Union	43.78	19.13
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.30*	
		For Work In Restricted Working Space, Add	*8.61*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.62*	
		For Silver Solder Instead Of 95/5 Solder, Add	*5.06*	
22 11 16 00-0566	EA	3/8" Wrot Copper, Solder Union	50.22	23.07
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.20*	
		For Work In Restricted Working Space, Add	*10.40*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.24*	
		For Silver Solder Instead Of 95/5 Solder, Add	*5.98*	
22 11 16 00-0567	EA	1/2" Wrot Copper, Solder Union	52.65	28.69
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.46*	
		For Work In Restricted Working Space, Add	*12.91*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.78*	
		For Silver Solder Instead Of 95/5 Solder, Add	*6.94*	
22 11 16 00-0568	EA	3/4" Wrot Copper, Solder Union	60.83	32.76
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.35*	
		For Work In Restricted Working Space, Add	*14.70*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.49*	
		For Silver Solder Instead Of 95/5 Solder, Add	*7.94*	
22 11 16 00-0569	EA	1" Wrot Copper, Solder Union	78.90	39.10
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.79*	
		For Work In Restricted Working Space, Add	*17.57*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.87*	
		For Silver Solder Instead Of 95/5 Solder, Add	*9.80*	
22 11 16 00-0570	EA	1-1/4" Wrot Copper, Solder Union	93.98	43.04
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.68*	
		For Work In Restricted Working Space, Add	*19.37*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.93*	
		For Silver Solder Instead Of 95/5 Solder, Add	*11.16*	
22 11 16 00-0571	EA	1-1/2" Wrot Copper, Solder Union	113.22	47.83
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.76*	
		For Work In Restricted Working Space, Add	*21.52*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-9.25*	
		For Silver Solder Instead Of 95/5 Solder, Add	*12.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0572	EA	2" Wrot Copper, Solder Union	156.79	57.39
		For Brazed Fittings Instead Of 95/5 Solder, Add	*12.91*	
		For Work In Restricted Working Space, Add	*25.82*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-12.14*	
		For Silver Solder Instead Of 95/5 Solder, Add	*16.45*	
22 11 16 00-0573	EA	2-1/2" Wrot Copper, Solder Union	287.50	63.19
		For Brazed Fittings Instead Of 95/5 Solder, Add	*14.20*	
		For Work In Restricted Working Space, Add	*28.40*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-19.11*	
		For Silver Solder Instead Of 95/5 Solder, Add	*23.84*	
22 11 16 00-0574	EA	3" Wrot Copper, Solder Union	633.28	89.62
		For Brazed Fittings Instead Of 95/5 Solder, Add	*20.15*	
		For Work In Restricted Working Space, Add	*40.29*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-38.38*	
		For Silver Solder Instead Of 95/5 Solder, Add	*45.10*	

22 11 16 00-0575 Cast Bronze, Solder Union *(22 11 16 00-0439)*

22 11 16 00-0576	EA	1/4" Cast Bronze, Solder Union	49.35	19.13
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.30*	
		For Work In Restricted Working Space, Add	*8.61*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.90*	
		For Silver Solder Instead Of 95/5 Solder, Add	*5.34*	
22 11 16 00-0577	EA	3/8" Cast Bronze, Solder Union	55.47	23.07
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.20*	
		For Work In Restricted Working Space, Add	*10.40*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.51*	
		For Silver Solder Instead Of 95/5 Solder, Add	*6.24*	
22 11 16 00-0578	EA	1/2" Cast Bronze, Solder Union	54.12	28.69
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.46*	
		For Work In Restricted Working Space, Add	*12.91*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.86*	
		For Silver Solder Instead Of 95/5 Solder, Add	*7.01*	
22 11 16 00-0579	EA	3/4" Cast Bronze, Solder Union	62.90	32.76
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.35*	
		For Work In Restricted Working Space, Add	*14.70*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.60*	
		For Silver Solder Instead Of 95/5 Solder, Add	*8.05*	
22 11 16 00-0580	EA	1" Cast Bronze, Solder Union	82.48	39.10
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.79*	
		For Work In Restricted Working Space, Add	*17.57*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.05*	
		For Silver Solder Instead Of 95/5 Solder, Add	*9.98*	
22 11 16 00-0581	EA	1-1/4" Cast Bronze, Solder Union	103.79	43.04
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.68*	
		For Work In Restricted Working Space, Add	*19.37*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-8.42*	
		For Silver Solder Instead Of 95/5 Solder, Add	*11.65*	
22 11 16 00-0582	EA	1-1/2" Cast Bronze, Solder Union	123.45	47.83
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.76*	
		For Work In Restricted Working Space, Add	*21.52*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-9.76*	
		For Silver Solder Instead Of 95/5 Solder, Add	*13.35*	
22 11 16 00-0583	EA	2" Cast Bronze, Solder Union	174.21	57.39
		For Brazed Fittings Instead Of 95/5 Solder, Add	*12.91*	
		For Work In Restricted Working Space, Add	*25.82*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-13.01*	
		For Silver Solder Instead Of 95/5 Solder, Add	*17.32*	
22 11 16 00-0584	EA	2-1/2" Cast Bronze, Solder Union	287.49	63.19
		For Brazed Fittings Instead Of 95/5 Solder, Add	*14.20*	
		For Work In Restricted Working Space, Add	*28.40*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-19.11*	
		For Silver Solder Instead Of 95/5 Solder, Add	*23.84*	
22 11 16 00-0585	EA	3" Cast Bronze, Solder Union	633.28	89.62
		For Brazed Fittings Instead Of 95/5 Solder, Add	*20.15*	
		For Work In Restricted Working Space, Add	*40.29*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-38.38*	
		For Silver Solder Instead Of 95/5 Solder, Add	*45.10*	

22 11 16 00-0586 Cast Bronze, Solder X Female Threaded Union *(22 11 16 00-0439)*

22 11 16 00-0587	EA	1/4" Cast Bronze, Solder X Female Threaded Union	56.87	19.13
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.30*	
		For Work In Restricted Working Space, Add	*8.61*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.28*	
		For Silver Solder Instead Of 95/5 Solder, Add	*5.71*	
22 11 16 00-0588	EA	3/8" Cast Bronze, Solder X Female Threaded Union	63.83	23.07
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.20*	
		For Work In Restricted Working Space, Add	*10.40*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.93*	
		For Silver Solder Instead Of 95/5 Solder, Add	*6.66*	
22 11 16 00-0589	EA	1/2" Cast Bronze, Solder X Female Threaded Union	66.20	28.69
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.46*	
		For Work In Restricted Working Space, Add	*12.91*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.46*	
		For Silver Solder Instead Of 95/5 Solder, Add	*7.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0590	EA	3/4" Cast Bronze, Solder X Female Threaded Union	80.58	32.76
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.35*	
		For Work In Restricted Working Space, Add	*14.70*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.48*	
		For Silver Solder Instead Of 95/5 Solder, Add	*8.93*	
22 11 16 00-0591	EA	1" Cast Bronze, Solder X Female Threaded Union	124.24	39.10
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.79*	
		For Work In Restricted Working Space, Add	*17.57*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-9.14*	
		For Silver Solder Instead Of 95/5 Solder, Add	*12.07*	
22 11 16 00-0592	EA	1-1/4" Cast Bronze, Solder X Female Threaded Union	186.92	43.04
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.68*	
		For Work In Restricted Working Space, Add	*19.37*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-12.57*	
		For Silver Solder Instead Of 95/5 Solder, Add	*15.80*	
22 11 16 00-0593	EA	1-1/2" Cast Bronze, Solder X Female Threaded Union	226.76	47.83
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.76*	
		For Work In Restricted Working Space, Add	*21.52*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-14.93*	
		For Silver Solder Instead Of 95/5 Solder, Add	*18.51*	
22 11 16 00-0594	EA	2" Cast Bronze, Solder X Female Threaded Union	348.48	57.39
		For Brazed Fittings Instead Of 95/5 Solder, Add	*12.91*	
		For Work In Restricted Working Space, Add	*25.82*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-21.73*	
		For Silver Solder Instead Of 95/5 Solder, Add	*26.03*	
22 11 16 00-0595	EA	2-1/2" Cast Bronze, Solder X Female Threaded Union	592.10	63.19
		For Brazed Fittings Instead Of 95/5 Solder, Add	*14.20*	
		For Work In Restricted Working Space, Add	*28.40*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-34.34*	
		For Silver Solder Instead Of 95/5 Solder, Add	*39.07*	

22 11 16 00-0596 Cast Bronze, Solder X Male Threaded Union *(22 11 16 00-0439)*

22 11 16 00-0597	EA	1/4" Cast Bronze, Solder X Male Threaded Union	50.15	19.13
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.30*	
		For Work In Restricted Working Space, Add	*8.61*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.94*	
		For Silver Solder Instead Of 95/5 Solder, Add	*5.38*	
22 11 16 00-0598	EA	3/8" Cast Bronze, Solder X Male Threaded Union	59.72	23.07
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.20*	
		For Work In Restricted Working Space, Add	*10.40*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.72*	
		For Silver Solder Instead Of 95/5 Solder, Add	*6.45*	
22 11 16 00-0599	EA	1/2" Cast Bronze, Solder X Male Threaded Union	61.32	28.69
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.46*	
		For Work In Restricted Working Space, Add	*12.91*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.22*	
		For Silver Solder Instead Of 95/5 Solder, Add	*7.37*	
22 11 16 00-0600	EA	3/4" Cast Bronze, Solder X Male Threaded Union	76.44	32.76
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.35*	
		For Work In Restricted Working Space, Add	*14.70*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.27*	
		For Silver Solder Instead Of 95/5 Solder, Add	*8.72*	
22 11 16 00-0601	EA	1" Cast Bronze, Solder X Male Threaded Union	126.13	39.10
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.79*	
		For Work In Restricted Working Space, Add	*17.57*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-9.24*	
		For Silver Solder Instead Of 95/5 Solder, Add	*12.16*	
22 11 16 00-0602	EA	1-1/4" Cast Bronze, Solder X Male Threaded Union	148.35	43.04
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.68*	
		For Work In Restricted Working Space, Add	*19.37*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-10.65*	
		For Silver Solder Instead Of 95/5 Solder, Add	*13.87*	
22 11 16 00-0603	EA	1-1/2" Cast Bronze, Solder X Male Threaded Union	159.75	47.83
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.76*	
		For Work In Restricted Working Space, Add	*21.52*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-11.57*	
		For Silver Solder Instead Of 95/5 Solder, Add	*15.16*	
22 11 16 00-0604	EA	2" Cast Bronze, Solder X Male Threaded Union	221.27	57.39
		For Brazed Fittings Instead Of 95/5 Solder, Add	*12.91*	
		For Work In Restricted Working Space, Add	*25.82*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-15.37*	
		For Silver Solder Instead Of 95/5 Solder, Add	*19.67*	
22 11 16 00-0605	EA	2-1/2" Cast Bronze, Solder X Male Threaded Union	490.86	63.19
		For Brazed Fittings Instead Of 95/5 Solder, Add	*14.20*	
		For Work In Restricted Working Space, Add	*28.40*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-29.28*	
		For Silver Solder Instead Of 95/5 Solder, Add	*34.01*	

22 11 16 00-0606 Copper Caps *(22 11 16 00-0439)*

22 11 16 00-0607	EA	1/4" Copper Cap	8.85	5.26
		For Brazed Fittings Instead Of 95/5 Solder, Add	*1.18*	
		For Work In Restricted Working Space, Add	*2.37*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-0.84*	
		For Silver Solder Instead Of 95/5 Solder, Add	*1.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0608	EA	3/8" Copper Cap	10.99	6.22
		For Brazed Fittings Instead Of 95/5 Solder, Add	*1.42*	
		For Work In Restricted Working Space, Add	*2.84*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-1.02*	
		For Silver Solder Instead Of 95/5 Solder, Add	*1.50*	
22 11 16 00-0609	EA	1/2" Copper Cap	13.80	8.61
		For Brazed Fittings Instead Of 95/5 Solder, Add	*1.95*	
		For Work In Restricted Working Space, Add	*3.91*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-1.34*	
		For Silver Solder Instead Of 95/5 Solder, Add	*1.99*	
22 11 16 00-0610	EA	3/4" Copper Cap	17.64	10.64
		For Brazed Fittings Instead Of 95/5 Solder, Add	*2.43*	
		For Work In Restricted Working Space, Add	*4.85*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-1.69*	
		For Silver Solder Instead Of 95/5 Solder, Add	*2.50*	
22 11 16 00-0611	EA	1" Copper Cap	22.77	12.79
		For Brazed Fittings Instead Of 95/5 Solder, Add	*2.90*	
		For Work In Restricted Working Space, Add	*5.80*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.11*	
		For Silver Solder Instead Of 95/5 Solder, Add	*3.07*	
22 11 16 00-0612	EA	1-1/4" Copper Cap	25.51	13.75
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.14*	
		For Work In Restricted Working Space, Add	*6.27*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.32*	
		For Silver Solder Instead Of 95/5 Solder, Add	*3.37*	
22 11 16 00-0613	EA	1-1/2" Copper Cap	29.57	15.06
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.43*	
		For Work In Restricted Working Space, Add	*6.86*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.62*	
		For Silver Solder Instead Of 95/5 Solder, Add	*3.77*	
22 11 16 00-0614	EA	2" Copper Cap	35.99	15.63
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.54*	
		For Work In Restricted Working Space, Add	*7.09*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.98*	
		For Silver Solder Instead Of 95/5 Solder, Add	*4.16*	
22 11 16 00-0615	EA	2-1/2" Copper Cap	64.39	18.28
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.16*	
		For Work In Restricted Working Space, Add	*8.33*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.61*	
		For Silver Solder Instead Of 95/5 Solder, Add	*5.99*	
22 11 16 00-0616	EA	3" Copper Cap	87.97	23.45
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.33*	
		For Work In Restricted Working Space, Add	*10.65*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.17*	
		For Silver Solder Instead Of 95/5 Solder, Add	*7.95*	
22 11 16 00-0617	EA	4" Copper Cap	152.75	35.45
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.06*	
		For Work In Restricted Working Space, Add	*16.12*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-10.32*	
		For Silver Solder Instead Of 95/5 Solder, Add	*13.01*	
22 11 16 00-0618	EA	5" Cast Bronze Cap	778.88	54.61
		For Brazed Fittings Instead Of 95/5 Solder, Add	*12.41*	
		For Work In Restricted Working Space, Add	*24.82*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-43.08*	
		For Silver Solder Instead Of 95/5 Solder, Add	*47.22*	
22 11 16 00-0619	EA	6" Cast Bronze Cap	1,507.34	79.48
		For Brazed Fittings Instead Of 95/5 Solder, Add	*18.06*	
		For Work In Restricted Working Space, Add	*36.11*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-81.39*	
		For Silver Solder Instead Of 95/5 Solder, Add	*87.41*	
22 11 16 00-0620	EA	8" Cast Bronze Cap	1,920.77	105.91
		For Brazed Fittings Instead Of 95/5 Solder, Add	*24.08*	
		For Work In Restricted Working Space, Add	*48.15*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-104.06*	
		For Silver Solder Instead Of 95/5 Solder, Add	*112.09*	

22 11 16 00-0621 Copper Crosses *(22 11 16 00-0439)*

22 11 16 00-0622	EA	1/2" Copper Cross	84.99	48.44
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.90*	
		For Work In Restricted Working Space, Add	*21.80*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.88*	
		For Silver Solder Instead Of 95/5 Solder, Add	*11.52*	
22 11 16 00-0623	EA	3/4" Copper Cross	114.23	60.22
		For Brazed Fittings Instead Of 95/5 Solder, Add	*13.54*	
		For Work In Restricted Working Space, Add	*27.08*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-10.23*	
		For Silver Solder Instead Of 95/5 Solder, Add	*14.74*	
22 11 16 00-0624	EA	1" Copper Cross	148.59	71.89
		For Brazed Fittings Instead Of 95/5 Solder, Add	*16.18*	
		For Work In Restricted Working Space, Add	*32.36*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-12.82*	
		For Silver Solder Instead Of 95/5 Solder, Add	*18.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0625	EA	1-1/4" Copper Cross	175.21	77.83
		For Brazed Fittings Instead Of 95/5 Solder, Add	*17.51*	
		For Work In Restricted Working Space, Add	*35.01*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-14.60*	
		For Silver Solder Instead Of 95/5 Solder, Add	*20.43*	
22 11 16 00-0626	EA	1-1/2" Copper Cross	211.10	85.10
		For Brazed Fittings Instead Of 95/5 Solder, Add	*19.16*	
		For Work In Restricted Working Space, Add	*38.31*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-16.94*	
		For Silver Solder Instead Of 95/5 Solder, Add	*23.33*	
22 11 16 00-0627	EA	2" Copper Cross	300.65	95.45
		For Brazed Fittings Instead Of 95/5 Solder, Add	*21.47*	
		For Work In Restricted Working Space, Add	*42.93*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-22.19*	
		For Silver Solder Instead Of 95/5 Solder, Add	*29.34*	
22 11 16 00-0628	EA	2-1/2" Copper Cross	521.67	105.69
		For Brazed Fittings Instead Of 95/5 Solder, Add	*23.78*	
		For Work In Restricted Working Space, Add	*47.56*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-34.01*	
		For Silver Solder Instead Of 95/5 Solder, Add	*41.94*	
22 11 16 00-0629		**Cast Bronze Crosses** *(22 11 16 00-0439)*		
22 11 16 00-0630	EA	3/8" Cast Bronze Cross	69.28	35.23
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.93*	
		For Work In Restricted Working Space, Add	*15.85*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.11*	
		For Silver Solder Instead Of 95/5 Solder, Add	*8.75*	
22 11 16 00-0631	EA	1/2" Cast Bronze Cross	87.45	48.44
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.90*	
		For Work In Restricted Working Space, Add	*21.80*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-8.01*	
		For Silver Solder Instead Of 95/5 Solder, Add	*11.64*	
22 11 16 00-0632	EA	3/4" Cast Bronze Cross	119.02	60.22
		For Brazed Fittings Instead Of 95/5 Solder, Add	*13.54*	
		For Work In Restricted Working Space, Add	*27.08*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-10.46*	
		For Silver Solder Instead Of 95/5 Solder, Add	*14.98*	
22 11 16 00-0633	EA	1" Cast Bronze Cross	156.72	71.89
		For Brazed Fittings Instead Of 95/5 Solder, Add	*16.18*	
		For Work In Restricted Working Space, Add	*32.36*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-13.23*	
		For Silver Solder Instead Of 95/5 Solder, Add	*18.62*	
22 11 16 00-0634	EA	1-1/4" Cast Bronze Cross	186.91	77.83
		For Brazed Fittings Instead Of 95/5 Solder, Add	*17.51*	
		For Work In Restricted Working Space, Add	*35.01*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-15.18*	
		For Silver Solder Instead Of 95/5 Solder, Add	*21.02*	
22 11 16 00-0635	EA	1-1/2" Cast Bronze Cross	227.77	85.10
		For Brazed Fittings Instead Of 95/5 Solder, Add	*19.16*	
		For Work In Restricted Working Space, Add	*38.31*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-17.77*	
		For Silver Solder Instead Of 95/5 Solder, Add	*24.16*	
22 11 16 00-0636	EA	2" Cast Bronze Cross	329.98	95.45
		For Brazed Fittings Instead Of 95/5 Solder, Add	*21.47*	
		For Work In Restricted Working Space, Add	*42.93*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-23.65*	
		For Silver Solder Instead Of 95/5 Solder, Add	*30.81*	
22 11 16 00-0637	EA	2-1/2" Cast Bronze Cross	594.30	105.69
		For Brazed Fittings Instead Of 95/5 Solder, Add	*23.78*	
		For Work In Restricted Working Space, Add	*47.56*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-37.64*	
		For Silver Solder Instead Of 95/5 Solder, Add	*45.57*	
22 11 16 00-0638		**Flexible Corrugated Copper Supply Line** *(22 11 16 00-0439)*		
22 11 16 00-0639	EA	3/4" Threaded x 3/4" Solder x 18" Long, Flexible Corrugated Copper Supply Line	84.79	32.76
22 11 16 00-0640	EA	3/4" Threaded x 3/4" Solder x 24" Long, Flexible Corrugated Copper Supply Line	89.10	32.76
22 11 16 00-0641	EA	3/4" Threaded x 3/4" Threaded x 12" Long, Flexible Corrugated Copper Supply Line	77.05	32.76
22 11 16 00-0642	EA	3/4" Threaded x 3/4" Threaded x 15" Long, Flexible Corrugated Copper Supply Line	81.92	32.76
22 11 16 00-0643	EA	3/4" Threaded x 3/4" Threaded x 18" Long, Flexible Corrugated Copper Supply Line	86.23	32.76
22 11 16 00-0644	EA	3/4" Threaded x 3/4" Threaded x 24" Long, Flexible Corrugated Copper Supply Line	89.10	32.76
22 11 16 00-0645		**Crimped Copper Fittings** *(22 11 16 00-0371)*		
		Note: Viega ProPress type. Includes factory installed ethylene propylene diene monomer (EPDM) sealing elements.		
22 11 16 00-0646		**Crimped Copper 90 Degree Elbows** *(22 11 16 00-0645)*		
22 11 16 00-0647	EA	1/2" Crimped Copper 90 Degree Elbow	24.53	14.35
		For Work In Restricted Working Space, Add	*6.46*	
22 11 16 00-0648	EA	3/4" Crimped Copper 90 Degree Elbow	29.62	16.38
		For Work In Restricted Working Space, Add	*7.35*	
22 11 16 00-0649	EA	1" Crimped Copper 90 Degree Elbow	39.53	19.49
		For Work In Restricted Working Space, Add	*8.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0650	EA	1-1/4" Crimped Copper 90 Degree Elbow	52.95	21.52
		For Work In Restricted Working Space, Add	*9.68*	
22 11 16 00-0651	EA	1-1/2" Crimped Copper 90 Degree Elbow	75.00	23.91
		For Work In Restricted Working Space, Add	*10.76*	
22 11 16 00-0652	EA	2" Crimped Copper 90 Degree Elbow	97.43	28.69
		For Work In Restricted Working Space, Add	*12.91*	
22 11 16 00-0653	EA	2-1/2" Crimped Copper 90 Degree Elbow	208.19	33.47
		For Work In Restricted Working Space, Add	*15.06*	
22 11 16 00-0654	EA	3" Crimped Copper 90 Degree Elbow	258.53	39.81
		For Work In Restricted Working Space, Add	*17.93*	
22 11 16 00-0655	EA	4" Crimped Copper 90 Degree Elbow	324.80	52.61
		For Work In Restricted Working Space, Add	*23.67*	

22 11 16 00-0656 Crimped Copper 45 Degree Elbows *(22 11 16 00-0645)*

22 11 16 00-0657	EA	1/2" Crimped Copper 45 Degree Elbow	25.03	14.35
		For Work In Restricted Working Space, Add	*6.46*	
22 11 16 00-0658	EA	3/4" Crimped Copper 45 Degree Elbow	28.82	16.38
		For Work In Restricted Working Space, Add	*7.35*	
22 11 16 00-0659	EA	1" Crimped Copper 45 Degree Elbow	43.14	19.49
		For Work In Restricted Working Space, Add	*8.79*	
22 11 16 00-0660	EA	1-1/4" Crimped Copper 45 Degree Elbow	52.15	21.52
		For Work In Restricted Working Space, Add	*9.68*	
22 11 16 00-0661	EA	1-1/2" Crimped Copper 45 Degree Elbow	68.08	23.91
		For Work In Restricted Working Space, Add	*10.76*	
22 11 16 00-0662	EA	2" Crimped Copper 45 Degree Elbow	88.10	28.69
		For Work In Restricted Working Space, Add	*12.91*	
22 11 16 00-0663	EA	2-1/2" Crimped Copper 45 Degree Elbow	154.57	33.47
		For Work In Restricted Working Space, Add	*15.06*	
22 11 16 00-0664	EA	3" Crimped Copper 45 Degree Elbow	208.87	39.81
		For Work In Restricted Working Space, Add	*17.93*	
22 11 16 00-0665	EA	4" Crimped Copper 45 Degree Elbow	285.96	52.61
		For Work In Restricted Working Space, Add	*23.67*	

22 11 16 00-0666 Crimped Copper Straight Tees *(22 11 16 00-0645)*

22 11 16 00-0667	EA	1/2" Crimped Copper Straight Tee	36.89	21.52
		For Work In Restricted Working Space, Add	*9.68*	
22 11 16 00-0668	EA	3/4" Crimped Copper Straight Tee	50.57	28.34
		For Work In Restricted Working Space, Add	*12.73*	
22 11 16 00-0669	EA	1" Crimped Copper Straight Tee	61.87	31.44
		For Work In Restricted Working Space, Add	*14.17*	
22 11 16 00-0670	EA	1-1/4" Crimped Copper Straight Tee	73.20	32.28
		For Work In Restricted Working Space, Add	*14.53*	
22 11 16 00-0671	EA	1-1/2" Crimped Copper Straight Tee	103.15	36.70
		For Work In Restricted Working Space, Add	*16.50*	
22 11 16 00-0672	EA	2" Crimped Copper Straight Tee	124.06	43.04
		For Work In Restricted Working Space, Add	*19.37*	
22 11 16 00-0673	EA	2-1/2" Crimped Copper Straight Tee	270.50	50.21
		For Work In Restricted Working Space, Add	*22.60*	
22 11 16 00-0674	EA	3" Crimped Copper Straight Tee	333.63	59.78
		For Work In Restricted Working Space, Add	*26.90*	
22 11 16 00-0675	EA	4" Crimped Copper Straight Tee	460.69	78.90
		For Work In Restricted Working Space, Add	*35.51*	

22 11 16 00-0676 Crimped Copper Reducing Tees *(22 11 16 00-0645)*

22 11 16 00-0677	EA	3/4" Crimped Copper Reducing Tee	43.26	20.45
		For Work In Restricted Working Space, Add	*9.22*	
22 11 16 00-0678	EA	1" Crimped Copper Reducing Tee	62.57	26.90
		For Work In Restricted Working Space, Add	*12.09*	
22 11 16 00-0679	EA	1-1/4" Crimped Copper Reducing Tee	67.51	29.89
		For Work In Restricted Working Space, Add	*13.45*	
22 11 16 00-0680	EA	1-1/2" Crimped Copper Reducing Tee	88.77	30.72
		For Work In Restricted Working Space, Add	*13.81*	
22 11 16 00-0681	EA	2" Crimped Copper Reducing Tee	106.34	34.79
		For Work In Restricted Working Space, Add	*15.68*	
22 11 16 00-0682	EA	2-1/2" Crimped Copper Reducing Tee	289.06	39.45
		For Work In Restricted Working Space, Add	*17.93*	
22 11 16 00-0683	EA	3" Crimped Copper Reducing Tee	352.42	47.83
		For Work In Restricted Working Space, Add	*21.52*	
22 11 16 00-0684	EA	4" Crimped Copper Reducing Tee	414.98	63.72
		For Work In Restricted Working Space, Add	*28.69*	

22 11 16 00-0685 Crimped Copper Couplings *(22 11 16 00-0645)*

22 11 16 00-0686	EA	1/2" Crimped Copper Coupling	24.23	14.35
		For Work In Restricted Working Space, Add	*6.46*	
22 11 16 00-0687	EA	3/4" Crimped Copper Coupling	28.63	16.38
		For Work In Restricted Working Space, Add	*7.35*	
22 11 16 00-0688	EA	1" Crimped Copper Coupling	37.61	19.49
		For Work In Restricted Working Space, Add	*8.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0689	EA	1-1/4" Crimped Copper Coupling	42.62	21.52
		For Work In Restricted Working Space, Add	*9.68*	
22 11 16 00-0690	EA	1-1/2" Crimped Copper Coupling	55.13	23.91
		For Work In Restricted Working Space, Add	*10.76*	
22 11 16 00-0691	EA	2" Crimped Copper Coupling	67.63	28.69
		For Work In Restricted Working Space, Add	*12.91*	
22 11 16 00-0692	EA	2-1/2" Crimped Copper Coupling	128.89	33.47
		For Work In Restricted Working Space, Add	*15.06*	
22 11 16 00-0693	EA	3" Crimped Copper Coupling	159.98	39.81
		For Work In Restricted Working Space, Add	*17.93*	
22 11 16 00-0694	EA	4" Crimped Copper Coupling	218.04	52.61
		For Work In Restricted Working Space, Add	*23.67*	

22 11 16 00-0695 Crimped Copper Reducing Couplings *(22 11 16 00-0645)*

22 11 16 00-0696	EA	3/4" Crimped Copper Reducing Coupling	32.80	13.63
		For Work In Restricted Working Space, Add	*6.14*	
22 11 16 00-0697	EA	1" Crimped Copper Reducing Coupling	37.46	15.54
		For Work In Restricted Working Space, Add	*6.99*	
22 11 16 00-0698	EA	1-1/4" Crimped Copper Reducing Coupling	48.43	18.53
		For Work In Restricted Working Space, Add	*8.36*	
22 11 16 00-0699	EA	1-1/2" Crimped Copper Reducing Coupling	61.02	20.45
		For Work In Restricted Working Space, Add	*9.22*	
22 11 16 00-0700	EA	2" Crimped Copper Reducing Coupling	68.19	22.72
		For Work In Restricted Working Space, Add	*10.22*	
22 11 16 00-0701	EA	2-1/2" Crimped Copper FTG x C Reducing Coupling	133.60	27.14
		For Work In Restricted Working Space, Add	*12.20*	
22 11 16 00-0702	EA	3" Crimped Copper FTG x C Reducing Coupling	166.38	31.92
		For Work In Restricted Working Space, Add	*14.35*	
22 11 16 00-0703	EA	4" Crimped Copper FTG x C Reducing Coupling	216.31	42.20
		For Work In Restricted Working Space, Add	*19.01*	

22 11 16 00-0704 Crimped Copper Male Adapters *(22 11 16 00-0645)*

22 11 16 00-0705	EA	1/2" Crimped Copper Male Adapter	24.84	14.35
		For Work In Restricted Working Space, Add	*6.46*	
22 11 16 00-0706	EA	3/4" Crimped Copper Male Adapter	30.53	16.38
		For Work In Restricted Working Space, Add	*7.35*	
22 11 16 00-0707	EA	1" Crimped Copper Male Adapter	40.32	19.49
		For Work In Restricted Working Space, Add	*8.79*	
22 11 16 00-0708	EA	1-1/4" Crimped Copper Male Adapter	56.46	21.52
		For Work In Restricted Working Space, Add	*9.68*	
22 11 16 00-0709	EA	1-1/2" Crimped Copper Male Adapter	69.79	23.91
		For Work In Restricted Working Space, Add	*10.76*	
22 11 16 00-0710	EA	2" Crimped Copper Male Adapter	108.36	28.69
		For Work In Restricted Working Space, Add	*12.91*	
22 11 16 00-0711	EA	2-1/2" Crimped Copper Male Adapter	208.19	33.47
		For Work In Restricted Working Space, Add	*15.06*	
22 11 16 00-0712	EA	3" Crimped Copper Male Adapter	258.53	39.81
		For Work In Restricted Working Space, Add	*17.93*	
22 11 16 00-0713	EA	4" Crimped Copper Male Adapter	308.96	52.61
		For Work In Restricted Working Space, Add	*23.67*	

22 11 16 00-0714 Crimped Copper Female Adapters *(22 11 16 00-0645)*

22 11 16 00-0715	EA	1/2" Crimped Copper Female Adapter	25.53	14.35
		For Work In Restricted Working Space, Add	*6.46*	
22 11 16 00-0716	EA	3/4" Crimped Copper Female Adapter	31.04	16.38
		For Work In Restricted Working Space, Add	*7.35*	
22 11 16 00-0717	EA	1" Crimped Copper Female Adapter	41.33	19.49
		For Work In Restricted Working Space, Add	*8.79*	
22 11 16 00-0718	EA	1-1/4" Crimped Copper Female Adapter	59.47	21.52
		For Work In Restricted Working Space, Add	*9.68*	
22 11 16 00-0719	EA	1-1/2" Crimped Copper Female Adapter	75.41	23.91
		For Work In Restricted Working Space, Add	*10.76*	
22 11 16 00-0720	EA	2" Crimped Copper Female Adapter	110.17	28.69
		For Work In Restricted Working Space, Add	*12.91*	

22 11 16 00-0721 Crimped Copper Caps *(22 11 16 00-0645)*

22 11 16 00-0722	EA	1/2" Crimped Copper Cap	16.58	7.18
		For Work In Restricted Working Space, Add	*3.23*	
22 11 16 00-0723	EA	3/4" Crimped Copper Cap	22.38	8.37
		For Work In Restricted Working Space, Add	*3.77*	
22 11 16 00-0724	EA	1" Crimped Copper Cap	29.50	9.56
		For Work In Restricted Working Space, Add	*4.31*	
22 11 16 00-0725	EA	1-1/4" Crimped Copper Cap	33.30	10.76
		For Work In Restricted Working Space, Add	*4.84*	
22 11 16 00-0726	EA	1-1/2" Crimped Copper Cap	45.12	12.31
		For Work In Restricted Working Space, Add	*5.56*	
22 11 16 00-0727	EA	2" Crimped Copper Cap	53.82	14.35
		For Work In Restricted Working Space, Add	*6.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0728	EA	2-1/2" Crimped Copper Cap	128.41	16.74
		For Work In Restricted Working Space, Add	*7.53*	
22 11 16 00-0729	EA	3" Crimped Copper Cap	160.62	19.96
		For Work In Restricted Working Space, Add	*8.97*	
22 11 16 00-0730	EA	4" Crimped Copper Cap	213.66	26.30
		For Work In Restricted Working Space, Add	*11.84*	

22 11 16 00-0731 C x F NPT Crimped Bronze Unions *(22 11 16 00-0645)*

22 11 16 00-0732	EA	1/2" C x F NPT Crimped Bronze Union	46.35	19.49
		For Work In Restricted Working Space, Add	*8.79*	
22 11 16 00-0733	EA	3/4" C x F NPT Crimped Bronze Union	57.86	24.03
		For Work In Restricted Working Space, Add	*10.80*	
22 11 16 00-0734	EA	1" C x F NPT Crimped Bronze Union	79.49	28.81
		For Work In Restricted Working Space, Add	*12.95*	
22 11 16 00-0735	EA	1-1/4" C x F NPT Crimped Bronze Union	95.93	33.24
		For Work In Restricted Working Space, Add	*14.99*	
22 11 16 00-0736	EA	1-1/2" C x F NPT Crimped Bronze Union	121.03	32.52
		For Work In Restricted Working Space, Add	*14.63*	
22 11 16 00-0737	EA	2" C x F NPT Crimped Bronze Union	166.26	47.10
		For Work In Restricted Working Space, Add	*21.16*	

22 11 16 00-0738 C x C Crimped Bronze Unions *(22 11 16 00-0645)*

22 11 16 00-0739	EA	1/2" C x C Bronze Crimped Union	42.79	14.35
		For Work In Restricted Working Space, Add	*6.46*	
22 11 16 00-0740	EA	3/4" C x C Bronze Crimped Union	52.40	16.38
		For Work In Restricted Working Space, Add	*7.35*	
22 11 16 00-0741	EA	1" C x C Bronze Crimped Union	73.84	19.49
		For Work In Restricted Working Space, Add	*8.79*	
22 11 16 00-0742	EA	1-1/4" C x C Bronze Crimped Union	95.89	21.52
		For Work In Restricted Working Space, Add	*9.68*	
22 11 16 00-0743	EA	1-1/2" C x C Bronze Crimped Union	122.26	23.91
		For Work In Restricted Working Space, Add	*10.76*	
22 11 16 00-0744	EA	2" C x C Bronze Crimped Union	184.12	28.69
		For Work In Restricted Working Space, Add	*12.91*	

22 11 16 00-0745 C x Flange Crimped Bronze Flange *(22 11 16 00-0645)*

22 11 16 00-0746	EA	2-1/2" C x Flange Crimped Bronze Flange	352.28	33.47
		For Work In Restricted Working Space, Add	*15.06*	
22 11 16 00-0747	EA	3" C x Flange Crimped Bronze Flange	384.91	39.81
		For Work In Restricted Working Space, Add	*17.93*	
22 11 16 00-0748	EA	4" C x Flange Crimped Bronze Flange	442.87	52.61
		For Work In Restricted Working Space, Add	*23.67*	

22 11 16 00-0749 Field Installed FKM Seals *(22 11 16 00-0645)*

Note: For vacuum systems. Includes removing factory installed ethylene propylene diene monomer (EPDM) seal and installing FKM seal.

22 11 16 00-0750	EA	1/2" Field Installed FKM Seal Note: To be used in conjunction with fittings.	7.08	
		For Work In Restricted Working Space, Add	*1.61*	
22 11 16 00-0751	EA	3/4" Field Installed FKM Seal Note: To be used in conjunction with fittings.	8.89	
		For Work In Restricted Working Space, Add	*1.88*	
22 11 16 00-0752	EA	1" Field Installed FKM Seal Note: To be used in conjunction with fittings.	10.19	
		For Work In Restricted Working Space, Add	*2.15*	
22 11 16 00-0753	EA	1-1/4" Field Installed FKM Seal Note: To be used in conjunction with fittings.	11.69	
		For Work In Restricted Working Space, Add	*2.42*	
22 11 16 00-0754	EA	1-1/2" Field Installed FKM Seal Note: To be used in conjunction with fittings.	16.09	
		For Work In Restricted Working Space, Add	*2.78*	
22 11 16 00-0755	EA	2" Field Installed FKM Seal Note: To be used in conjunction with fittings.	17.98	
		For Work In Restricted Working Space, Add	*3.23*	
22 11 16 00-0756	EA	2-1/2" Field Installed FKM Seal Note: To be used in conjunction with fittings.	26.30	
		For Work In Restricted Working Space, Add	*3.77*	
22 11 16 00-0757	EA	3" Field Installed FKM Seal Note: To be used in conjunction with fittings.	30.30	
		For Work In Restricted Working Space, Add	*4.49*	
22 11 16 00-0758	EA	4" Field Installed FKM Seal Note: To be used in conjunction with fittings.	41.20	
		For Work In Restricted Working Space, Add	*5.92*	

22 11 16 00-0759 Cut And Prepare Existing In-Place Copper Pipe *(22 11 16 00-0371)*

22 11 16 00-0760	EA	Up To 1/2", Cut And Prepare Existing In Place Copper Pipe	11.96	
22 11 16 00-0761	EA	3/4", Cut And Prepare Existing In Place Copper Pipe	12.92	
22 11 16 00-0762	EA	1", Cut And Prepare Existing In Place Copper Pipe	14.53	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0763	EA	1-1/4", Cut And Prepare Existing In Place Copper Pipe	15.24	
22 11 16 00-0764	EA	1-1/2", Cut And Prepare Existing In Place Copper Pipe	16.14	
22 11 16 00-0765	EA	2", Cut And Prepare Existing In Place Copper Pipe	17.76	
22 11 16 00-0766	EA	2-1/2", Cut And Prepare Existing In Place Copper Pipe	19.13	
22 11 16 00-0767	EA	3", Cut And Prepare Existing In Place Copper Pipe	22.60	
22 11 16 00-0768	EA	4", Cut And Prepare Existing In Place Copper Pipe	30.48	
22 11 16 00-0769	EA	6", Cut And Prepare Existing In Place Copper Pipe	43.57	
22 11 16 00-0770	EA	8", Cut And Prepare Existing In Place Copper Pipe	58.10	
22 11 16 00-0771		Sweat Brass Companion Flanges *(22 11 16 00-0371)*		
		Note: Excludes bolt and gasket sets See CSI section 23 21 13 23-0619 for Class 150 steel bolt and gasket set.		
22 11 16 00-0772	EA	1" Sweat Brass Companion Flange	61.55	18.38
22 11 16 00-0773	EA	1-1/4" Sweat Brass Companion Flange	67.21	20.25
22 11 16 00-0774	EA	1-1/2" Sweat Brass Companion Flange	94.60	22.02
22 11 16 00-0775	EA	2" Sweat Brass Companion Flange	125.50	24.44
22 11 16 00-0776	EA	2-1/2" Sweat Brass Companion Flange	157.01	29.40
22 11 16 00-0777	EA	3" Sweat Brass Companion Flange	174.73	38.53
22 11 16 00-0778	EA	4" Sweat Brass Companion Flange	231.97	45.91
22 11 16 00-0779	EA	5" Sweat Brass Companion Flange	439.76	56.05
22 11 16 00-0780	EA	6" Sweat Brass Companion Flange	514.57	81.45
22 11 16 00-0781	EA	8" Copper Companion Flange	1,154.11	116.18
22 11 16 00-0782		Brass Compression Fittings *(22 11 16 00-0371)*		
22 11 16 00-0783		Brass Compression Unions *(22 11 16 00-0782)*		
22 11 16 00-0784	EA	1/4" Brass Compression Union	20.46	12.92
22 11 16 00-0785	EA	3/8" Brass Compression Union	20.76	12.92
22 11 16 00-0786	EA	1/2" Brass Compression Union	21.67	12.92
22 11 16 00-0787	EA	5/8" Brass Compression Union	22.10	12.92
22 11 16 00-0788	EA	3/4" Brass Compression Union	31.26	12.92
22 11 16 00-0789	EA	3/8" x 1/4" Brass Compression Union	20.97	12.92
22 11 16 00-0790	EA	1/2" x 3/8" Brass Compression Union	21.74	12.92
22 11 16 00-0791	EA	5/8" x 3/8" Brass Compression Union	22.28	12.92
22 11 16 00-0792	EA	5/8" x 1/2" Brass Compression Union	23.14	12.92
22 11 16 00-0793		Brass Compression Union Elbows *(22 11 16 00-0782)*		
22 11 16 00-0794	EA	1/4" Brass Compression Union Elbow	21.67	12.92
22 11 16 00-0795	EA	3/8" Brass Compression Union Elbow	22.16	12.92
22 11 16 00-0796	EA	1/2" Brass Compression Union Elbow	23.24	12.92
22 11 16 00-0797	EA	5/8" Brass Compression Union Elbow	24.91	12.92
22 11 16 00-0798	EA	3/4" Brass Compression Union Elbow	31.44	12.92
22 11 16 00-0799	EA	3/8" x 1/4" Brass Compression Union Elbow	22.16	12.92
22 11 16 00-0800	EA	1/2" x 3/8" Brass Compression Union Elbow	23.24	12.92
22 11 16 00-0801	EA	5/8" x 3/8" Brass Compression Union Elbow	23.54	12.92
22 11 16 00-0802	EA	5/8" x 1/2" Brass Compression Union Elbow	28.44	12.92
22 11 16 00-0803		Brass Compression Union Tees *(22 11 16 00-0782)*		
22 11 16 00-0804	EA	1/4" Brass Compression Union Tee	22.04	12.92
22 11 16 00-0805	EA	3/8" Brass Compression Union Tee	23.06	12.92
22 11 16 00-0806	EA	1/2" Brass Compression Union Tee	24.14	12.92
22 11 16 00-0807	EA	5/8" Brass Compression Union Tee	27.55	12.92
22 11 16 00-0808	EA	3/4" Brass Compression Union Tee	39.33	12.92
22 11 16 00-0809	EA	3/8" x 3/8" x 1/4" Brass Compression Union Tee	23.78	12.92
22 11 16 00-0810	EA	1/2" x 1/2" x 3/8" Brass Compression Union Tee	29.31	12.92
22 11 16 00-0811	EA	5/8" x 5/8" x 3/8" Brass Compression Union Tee	28.78	12.92
22 11 16 00-0812	EA	5/8" x 5/8" x 1/2" Brass Compression Union Tee	29.40	12.92
22 11 16 00-0813		Brass Compression Male Connectors *(22 11 16 00-0782)*		
22 11 16 00-0814	EA	1/4" Brass Compression Male Connector	20.25	12.92
22 11 16 00-0815	EA	3/8" Brass Compression Male Connector	20.64	12.92
22 11 16 00-0816	EA	1/2" Brass Compression Male Connector	21.32	12.92
22 11 16 00-0817	EA	5/8" Brass Compression Male Connector	22.34	12.92
22 11 16 00-0818	EA	3/4" Brass Compression Male Connector	27.69	12.79
22 11 16 00-0819		Brass Compression Female Connectors *(22 11 16 00-0782)*		
22 11 16 00-0820	EA	1/4" Brass Compression Female Connector	20.68	12.92
22 11 16 00-0821	EA	3/8" Brass Compression Female Connector	21.19	12.92
22 11 16 00-0822	EA	1/2" Brass Compression Female Connector	22.06	12.92
22 11 16 00-0823	EA	5/8" Brass Compression Female Connector	22.63	12.92
22 11 16 00-0824	EA	3/4" Brass Compression Female Connector	36.04	12.67
22 11 16 00-0825		Dielectric Fittings *(22 11 16 00-0371)*		
22 11 16 00-0826		Copper x Female Iron Pipe Thread Dielectric Unions *(22 11 16 00-0825)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0827	EA	1/2" Copper x Female Iron Pipe Thread Dielectric Union	50.68	28.69
22 11 16 00-0828	EA	3/4" Copper x Female Iron Pipe Thread Dielectric Union	56.65	32.76
22 11 16 00-0829	EA	1" Copper x Female Iron Pipe Thread Dielectric Union	67.24	36.00
22 11 16 00-0830	EA	1-1/4" Copper x Female Iron Pipe Thread Dielectric Union	81.25	39.63
22 11 16 00-0831	EA	1-1/2" Copper x Female Iron Pipe Thread Dielectric Union	98.02	44.03
22 11 16 00-0832	EA	2" Copper x Female Iron Pipe Thread Dielectric Union	124.30	52.84
22 11 16 00-0833		**Female Brass Thread x Iron Pipe Thread Dielectric Unions** *(22 11 16 00-0825)*		
22 11 16 00-0834	EA	1/2" Female Brass Thread x Iron Pipe Thread Dielectric Union	55.51	28.69
22 11 16 00-0835	EA	3/4" Female Brass Thread x Iron Pipe Thread Dielectric Union	64.61	32.76
22 11 16 00-0836	EA	1" Female Brass Thread x Iron Pipe Thread Dielectric Union	77.73	36.00
22 11 16 00-0837	EA	1-1/4" Female Brass Thread x Iron Pipe Thread Dielectric Union	95.16	39.63
22 11 16 00-0838	EA	1-1/2" Female Brass Thread x Iron Pipe Thread Dielectric Union	115.23	44.03
22 11 16 00-0839	EA	2" Female Brass Thread x Iron Pipe Thread Dielectric Union	144.48	52.84
22 11 16 00-0840		**Female Iron Pipe Thread x Iron Pipe Thread Dielectric Unions** *(22 11 16 00-0825)*		
22 11 16 00-0841	EA	1/2" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union	52.45	28.69
22 11 16 00-0842	EA	3/4" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union	59.56	32.76
22 11 16 00-0843	EA	1" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union	68.01	36.00
22 11 16 00-0844	EA	1-1/4" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union	78.56	39.63
22 11 16 00-0845	EA	1-1/2" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union	95.35	44.03
22 11 16 00-0846	EA	2" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union	122.16	52.84
22 11 16 00-0847		**Copper x Female Iron Pipe Thread Dielectric Flanges** *(22 11 16 00-0825)*		
22 11 16 00-0848	EA	2-1/2" Copper x Female Iron Pipe Thread Dielectric Flange	303.04	135.85
22 11 16 00-0849	EA	3" Copper x Female Iron Pipe Thread Dielectric Flange	379.43	171.08
22 11 16 00-0850	EA	4" Copper x Female Iron Pipe Thread Dielectric Flange	534.47	232.84
22 11 16 00-0851		**Copper x Female Iron Pipe Thread x Iron Pipe Thread Dielectric Flanges** *(22 11 16 00-0825)*		
22 11 16 00-0852	EA	2-1/2" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Flange	305.03	135.85
22 11 16 00-0853	EA	3" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Flange	395.27	171.08
22 11 16 00-0854	EA	4" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Flange	717.12	232.84
22 11 16 00-0855		**Brass Push-Fit Fittings** *(22 11 16)*		
22 11 16 00-0856	EA	1/4" x 1/4" Brass Push-Fit Coupling Note: (Sharkbite)	26.34	11.96
22 11 16 00-0857	EA	3/8" x 3/8" Brass Push-Fit Coupling Note: (Sharkbite)	32.96	12.75
22 11 16 00-0858	EA	1/2" x 1/2" Brass Push-Fit Coupling Note: (Sharkbite)	34.02	14.35
22 11 16 00-0859	EA	5/8" x 5/8" Brass Push-Fit Coupling Note: (Sharkbite)	39.30	15.30
22 11 16 00-0860	EA	3/4" x 3/4" Brass Push-Fit Coupling Note: (Sharkbite)	39.98	16.35
22 11 16 00-0861	EA	1" x 1" Brass Push-Fit Coupling Note: (Sharkbite)	56.62	19.52
22 11 16 00-0862	EA	1/2" x 3/8" Brass Push-Fit Reducing Coupling Note: (Sharkbite)	33.49	13.55
22 11 16 00-0863	EA	3/4" x 5/8" Brass Push-Fit Reducing Coupling Note: (Sharkbite)	38.88	14.83
22 11 16 00-0864	EA	1" x 3/4" Brass Push-Fit Reducing Coupling Note: (Sharkbite)	58.44	17.93
22 11 16 00-0865	EA	1/4" x 1/4" Brass Push-Fit Elbow Note: (Sharkbite)	27.56	11.96
22 11 16 00-0866	EA	3/8" x 3/8" Brass Push-Fit Elbow Note: (Sharkbite)	38.14	12.75
22 11 16 00-0867	EA	1/2" x 1/2" Brass Push-Fit Elbow Note: (Sharkbite)	34.69	14.35
22 11 16 00-0868	EA	5/8" x 5/8" Brass Push-Fit Elbow Note: (Sharkbite)	42.31	15.30
22 11 16 00-0869	EA	3/4" x 3/4" Brass Push-Fit Elbow Note: (Sharkbite)	39.12	16.35
22 11 16 00-0870	EA	1" x 1" Brass Push-Fit Elbow Note: (Sharkbite)	57.28	19.52
22 11 16 00-0871	EA	1/2" x 3/8" Brass Push-Fit Reducing Elbow Note: (Sharkbite)	32.93	13.55
22 11 16 00-0872	EA	3/4" x 1/2" Brass Push-Fit Reducing Elbow Note: (Sharkbite)	36.74	14.83
22 11 16 00-0873	EA	1" x 3/4" Brass Push-Fit Reducing Elbow Note: (Sharkbite)	73.26	17.93
22 11 16 00-0874	EA	1/4" x 1/4" x 1/4" Brass Push-Fit Tee Note: (Sharkbite)	41.84	17.93
22 11 16 00-0875	EA	3/8" x 3/8" x 3/8" Brass Push-Fit Tee Note: (Sharkbite)	53.43	19.13
22 11 16 00-0876	EA	1/2" x 1/2" x 1/2" Brass Push-Fit Tee Note: (Sharkbite)	48.43	21.52

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0877	EA	5/8" x 5/8" x 5/8" Brass Push-Fit Tee Note: (Sharkbite)	62.20	22.95
22 11 16 00-0878	EA	3/4" x 3/4" x 3/4" Brass Push-Fit Tee Note: (Sharkbite)	56.57	24.51
22 11 16 00-0879	EA	1" x 1" x 1" Brass Push-Fit Tee Note: (Sharkbite)	77.87	29.29
22 11 16 00-0880	EA	1/2" x 1/2" x 1/4" Brass Push-Fit Reducing Tee Note: (Sharkbite)	54.82	20.32
22 11 16 00-0881	EA	1/2" x 1/2" x 3/8" Brass Push-Fit Reducing Tee Note: (Sharkbite)	55.10	20.72
22 11 16 00-0882	EA	3/4" x 3/4" x 1/2" Brass Push-Fit Reducing Tee Note: (Sharkbite)	54.63	23.52
22 11 16 00-0883	EA	1" x 1" x 3/4" Brass Push-Fit Reducing Tee Note: (Sharkbite)	75.63	27.70
22 11 16 00-0884	EA	1/4" x 1/2" Brass Push-Fit Pipe To FNPT Connector Note: (Sharkbite)	31.50	13.15
22 11 16 00-0885	EA	3/8" x 1/2" Brass Push-Fit Pipe To FNPT Connector Note: (Sharkbite)	31.05	13.55
22 11 16 00-0886	EA	1/2" x 1/2" Brass Push-Fit Pipe To FNPT Connector Note: (Sharkbite)	30.57	14.35
22 11 16 00-0887	EA	3/4" x 3/4" Brass Push-Fit Pipe To FNPT Connector Note: (Sharkbite)	35.02	16.35
22 11 16 00-0888	EA	1" x 1" Brass Push-Fit Pipe To FNPT Connector Note: (Sharkbite)	49.65	19.52
22 11 16 00-0889	EA	1/4" x 1/2" Brass Push-Fit Pipe To MNPT Connector Note: (Sharkbite)	27.34	13.15
22 11 16 00-0890	EA	3/8" x 1/2" Brass Push-Fit Pipe To MNPT Connector Note: (Sharkbite)	31.05	13.55
22 11 16 00-0891	EA	1/2" x 1/2" Brass Push-Fit Pipe To MNPT Connector Note: (Sharkbite)	30.66	14.35
22 11 16 00-0892	EA	3/4" x 3/4" Brass Push-Fit Pipe To MNPT Connector Note: (Sharkbite)	34.65	16.35
22 11 16 00-0893	EA	5/8" x 3/4" Brass Push-Fit Pipe To MNPT Connector Note: (Sharkbite)	37.89	15.81
22 11 16 00-0894	EA	1" x 3/4" Brass Push-Fit Pipe To MNPT Connector Note: (Sharkbite)	45.60	17.93
22 11 16 00-0895	EA	1" x 1" Brass Push-Fit Pipe To MNPT Connector Note: (Sharkbite)	50.42	19.52
22 11 16 00-0896	EA	1/2" Brass Push-Fit Ball Valve Note: (Sharkbite)	44.96	14.35
22 11 16 00-0897	EA	3/4" Brass Push-Fit Ball Valve Note: (Sharkbite)	52.62	16.35
22 11 16 00-0898	EA	1" Brass Push-Fit Ball Valve Note: (Sharkbite)	69.77	19.52
22 11 16 00-0899	EA	1/2" Brass Push-Fit Check Valve Note: (Sharkbite)	48.30	14.35
22 11 16 00-0900	EA	3/4" Brass Push-Fit Check Valve Note: (Sharkbite)	58.26	16.35
22 11 16 00-0901	EA	1" Brass Push-Fit Check Valve Note: (Sharkbite)	99.11	19.52

22 11 16 00-0902 Copper Pipe With Fittings And Hangers Assemblies *(22 11 16)*

Note: Includes hangers and all coupling, elbow, tee and reducer fittings. All fittings are based on 95/5 solder. All hangers are complete assemblies installed in accordance with MSS SP 58 and 69. Excludes insulation. Not for use where detail is available.

22 11 16 00-0903	LF	1/2" Inside Diameter, Type L, Copper Pipe/Tubing With Fittings Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	24.47	3.35
		For Type K Tubing Instead Of Type L, Add	*1.75*	
		For Type M Tubing Instead Of Type L, Deduct	*-1.44*	
		For Silver Solder Instead Of 95/5 Solder, Add	*3.09*	
		For For Brazed Fittings, Add	*0.75*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.16*	
		For Work In Restricted Working Space, Add	*5.61*	
22 11 16 00-0904	LF	3/4" Inside Diameter, Type L, Copper Pipe/Tubing With Fittings Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	28.58	4.31
		For Type K Tubing Instead Of Type L, Add	*2.14*	
		For Type M Tubing Instead Of Type L, Deduct	*-1.73*	
		For Silver Solder Instead Of 95/5 Solder, Add	*3.55*	
		For For Brazed Fittings, Add	*0.85*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.49*	
		For Work In Restricted Working Space, Add	*6.36*	
22 11 16 00-0905	LF	1" Inside Diameter, Type L, Copper Pipe/Tubing With Fittings Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	31.90	5.14
		For Type K Tubing Instead Of Type L, Add	*2.58*	
		For Type M Tubing Instead Of Type L, Deduct	*-2.05*	
		For Silver Solder Instead Of 95/5 Solder, Add	*3.82*	
		For For Brazed Fittings, Add	*0.89*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.71*	
		For Work In Restricted Working Space, Add	*6.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0906	LF	1-1/4" Inside Diameter, Type L, Copper Pipe/Tubing With Fittings Assembly	36.52	5.98
		Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.		
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	*-1.35*	
		For Type K Tubing Instead Of Type L, Add	*3.27*	
		For Type M Tubing Instead Of Type L, Deduct	*-2.54*	
		For Silver Solder Instead Of 95/5 Solder, Add	*4.13*	
		For For Brazed Fittings, Add	*0.92*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.98*	
		For Work In Restricted Working Space, Add	*6.92*	
22 11 16 00-0907	LF	1-1/2" Inside Diameter, Type L, Copper Pipe/Tubing With Fittings Assembly	41.03	6.82
		Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.		
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	*-1.64*	
		For Type K Tubing Instead Of Type L, Add	*3.85*	
		For Type M Tubing Instead Of Type L, Deduct	*-2.96*	
		For Silver Solder Instead Of 95/5 Solder, Add	*4.51*	
		For For Brazed Fittings, Add	*0.98*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.28*	
		For Work In Restricted Working Space, Add	*7.38*	
22 11 16 00-0908	LF	2" Inside Diameter, Type L, Copper Pipe/Tubing With Fittings Assembly	52.77	8.49
		Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.		
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	*-2.45*	
		For Type K Tubing Instead Of Type L, Add	*5.40*	
		For Type M Tubing Instead Of Type L, Deduct	*-4.07*	
		For Silver Solder Instead Of 95/5 Solder, Add	*5.47*	
		For For Brazed Fittings, Add	*1.13*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.05*	
		For Work In Restricted Working Space, Add	*8.50*	
22 11 16 00-0909	LF	2-1/2" Inside Diameter, Type L, Copper Pipe/Tubing With Fittings Assembly	65.95	10.24
		Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.		
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	*-3.56*	
		For Type K Tubing Instead Of Type L, Add	*7.42*	
		For Type M Tubing Instead Of Type L, Deduct	*-5.48*	
		For Silver Solder Instead Of 95/5 Solder, Add	*6.34*	
		For For Brazed Fittings, Add	*1.22*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.82*	
		For Work In Restricted Working Space, Add	*9.11*	
22 11 16 00-0910	LF	3" Inside Diameter, Type L, Copper Pipe/Tubing With Fittings Assembly	81.16	11.89
		Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.		
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	*-4.83*	
		For Type K Tubing Instead Of Type L, Add	*9.73*	
		For Type M Tubing Instead Of Type L, Deduct	*-7.11*	
		For Silver Solder Instead Of 95/5 Solder, Add	*7.35*	
		For For Brazed Fittings, Add	*1.32*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.70*	
		For Work In Restricted Working Space, Add	*9.87*	
22 11 16 00-0911	LF	4" Inside Diameter, Type L, Copper Pipe/Tubing With Fittings Assembly	128.46	15.74
		Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.		
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	*-8.59*	
		For Type K Tubing Instead Of Type L, Add	*16.69*	
		For Type M Tubing Instead Of Type L, Deduct	*-12.01*	
		For Silver Solder Instead Of 95/5 Solder, Add	*10.68*	
		For For Brazed Fittings, Add	*1.70*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-8.55*	
		For Work In Restricted Working Space, Add	*12.76*	
22 11 16 00-0912	LF	5" Inside Diameter, Type L, Copper Pipe/Tubing With Fittings Assembly	226.66	19.60
		Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.		
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	*-17.21*	
		For Type K Tubing Instead Of Type L, Add	*32.19*	
		For Type M Tubing Instead Of Type L, Deduct	*-22.83*	
		For Silver Solder Instead Of 95/5 Solder, Add	*16.79*	
		For For Brazed Fittings, Add	*2.18*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-14.06*	
		For Work In Restricted Working Space, Add	*16.38*	
22 11 16 00-0913	LF	6" Inside Diameter, Type L, Copper Pipe/Tubing With Fittings Assembly	296.23	23.67
		Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.		
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	*-22.69*	
		For Type K Tubing Instead Of Type L, Add	*42.34*	
		For Type M Tubing Instead Of Type L, Deduct	*-30.00*	
		For Silver Solder Instead Of 95/5 Solder, Add	*21.75*	
		For For Brazed Fittings, Add	*2.77*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-18.28*	
		For Work In Restricted Working Space, Add	*20.81*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0914	LF	8" Inside Diameter, Type L, Copper Pipe/Tubing With Fittings Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	624.96	28.29
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	*-53.88*	
		For Type K Tubing Instead Of Type L, Add	*97.41*	
		For Type M Tubing Instead Of Type L, Deduct	*-68.10*	
		For Silver Solder Instead Of 95/5 Solder, Add	*39.87*	
		For For Brazed Fittings, Add	*3.45*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-35.56*	
		For Work In Restricted Working Space, Add	*25.86*	

22 11 16 00-0915 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe And Fittings *(22 11 16)*

Note: Socket weld.

22 11 16 00-0916 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe And Fittings *(22 11 16 00-0915)*

22 11 16 00-0917 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pipe *(22 11 16 00-0916)*

22 11 16 00-0918	LF	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	5.94	1.76
		For Work In Restricted Working Space, Add	*1.32*	
22 11 16 00-0919	LF	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	6.74	1.85
		For Work In Restricted Working Space, Add	*1.39*	
22 11 16 00-0920	LF	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	8.09	1.99
		For Work In Restricted Working Space, Add	*1.49*	
22 11 16 00-0921	LF	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	9.73	2.17
		For Work In Restricted Working Space, Add	*1.63*	
22 11 16 00-0922	LF	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	11.20	2.40
		For Work In Restricted Working Space, Add	*1.80*	
22 11 16 00-0923	LF	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	13.91	2.69
		For Work In Restricted Working Space, Add	*2.01*	
22 11 16 00-0924	LF	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	18.64	3.05
		For Work In Restricted Working Space, Add	*2.29*	
22 11 16 00-0925	LF	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	23.72	3.62
		For Work In Restricted Working Space, Add	*2.70*	
22 11 16 00-0926	LF	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	32.67	4.44
		For Work In Restricted Working Space, Add	*3.33*	
22 11 16 00-0927	LF	6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	55.83	5.64
		For Work In Restricted Working Space, Add	*4.23*	
22 11 16 00-0928	LF	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	80.04	7.40
		For Work In Restricted Working Space, Add	*5.55*	

22 11 16 00-0929 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbows *(22 11 16 00-0916)*

22 11 16 00-0930	EA	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	23.34	8.37
		For Work In Restricted Working Space, Add	*6.28*	
22 11 16 00-0931	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	30.18	10.56
		For Work In Restricted Working Space, Add	*7.93*	
22 11 16 00-0932	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	39.08	13.21
		For Work In Restricted Working Space, Add	*9.94*	
22 11 16 00-0933	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	52.85	16.52
		For Work In Restricted Working Space, Add	*12.42*	
22 11 16 00-0934	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	58.72	18.28
		For Work In Restricted Working Space, Add	*13.74*	
22 11 16 00-0935	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	68.52	18.28
		For Work In Restricted Working Space, Add	*15.32*	
22 11 16 00-0936	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	103.55	23.22
		For Work In Restricted Working Space, Add	*17.44*	
22 11 16 00-0937	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	118.05	27.53
		For Work In Restricted Working Space, Add	*20.61*	
22 11 16 00-0938	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	166.85	33.80
		For Work In Restricted Working Space, Add	*25.37*	
22 11 16 00-0939	EA	6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	210.61	42.93
		For Work In Restricted Working Space, Add	*32.24*	
22 11 16 00-0940	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	393.40	56.37
		For Work In Restricted Working Space, Add	*42.28*	

22 11 16 00-0941 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbows *(22 11 16 00-0916)*

22 11 16 00-0942	EA	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	24.55	8.37
		For Work In Restricted Working Space, Add	*6.28*	
22 11 16 00-0943	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	31.63	10.56
		For Work In Restricted Working Space, Add	*7.93*	
22 11 16 00-0944	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	41.43	13.21
		For Work In Restricted Working Space, Add	*9.94*	
22 11 16 00-0945	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	55.94	16.52
		For Work In Restricted Working Space, Add	*12.42*	
22 11 16 00-0946	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	62.49	18.28
		For Work In Restricted Working Space, Add	*13.74*	
22 11 16 00-0947	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	69.79	20.48
		For Work In Restricted Working Space, Add	*15.32*	
22 11 16 00-0948	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	104.35	23.22
		For Work In Restricted Working Space, Add	*17.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0949	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	117.95	27.53
		For Work In Restricted Working Space, Add	*20.61*	
22 11 16 00-0950	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	152.11	33.80
		For Work In Restricted Working Space, Add	*25.37*	
22 11 16 00-0951	EA	6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	238.26	42.93
		For Work In Restricted Working Space, Add	*32.24*	
22 11 16 00-0952	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	412.98	56.37
		For Work In Restricted Working Space, Add	*42.28*	
22 11 16 00-0953		Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tees *(22 11 16 00-0916)*		
22 11 16 00-0954	EA	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	35.77	12.55
		For Work In Restricted Working Space, Add	*9.41*	
22 11 16 00-0955	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	46.65	15.85
		For Work In Restricted Working Space, Add	*11.89*	
22 11 16 00-0956	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	58.40	19.93
		For Work In Restricted Working Space, Add	*14.93*	
22 11 16 00-0957	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	80.30	24.88
		For Work In Restricted Working Space, Add	*18.63*	
22 11 16 00-0958	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	89.56	27.53
		For Work In Restricted Working Space, Add	*20.61*	
22 11 16 00-0959	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	107.74	30.61
		For Work In Restricted Working Space, Add	*22.99*	
22 11 16 00-0960	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	138.31	34.90
		For Work In Restricted Working Space, Add	*26.16*	
22 11 16 00-0961	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	158.66	41.17
		For Work In Restricted Working Space, Add	*30.91*	
22 11 16 00-0962	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	192.54	50.75
		For Work In Restricted Working Space, Add	*38.05*	
22 11 16 00-0963	EA	6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	289.56	64.52
		For Work In Restricted Working Space, Add	*48.35*	
22 11 16 00-0964	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	578.94	84.55
		For Work In Restricted Working Space, Add	*63.41*	
22 11 16 00-0965		Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Crosses *(22 11 16 00-0916)*		
22 11 16 00-0966	EA	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	45.63	16.74
		For Work In Restricted Working Space, Add	*12.55*	
22 11 16 00-0967	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	58.89	21.14
		For Work In Restricted Working Space, Add	*15.85*	
22 11 16 00-0968	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	73.71	26.53
		For Work In Restricted Working Space, Add	*19.88*	
22 11 16 00-0969	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	98.47	33.13
		For Work In Restricted Working Space, Add	*24.84*	
22 11 16 00-0970	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	109.57	36.66
		For Work In Restricted Working Space, Add	*27.48*	
22 11 16 00-0971	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	128.96	40.84
		For Work In Restricted Working Space, Add	*30.65*	
22 11 16 00-0972	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	160.28	46.46
		For Work In Restricted Working Space, Add	*34.88*	
22 11 16 00-0973	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	185.30	54.94
		For Work In Restricted Working Space, Add	*41.22*	
22 11 16 00-0974	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	225.69	67.60
		For Work In Restricted Working Space, Add	*50.73*	
22 11 16 00-0975	EA	6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	325.47	85.98
		For Work In Restricted Working Space, Add	*64.47*	
22 11 16 00-0976	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	598.42	112.73
		For Work In Restricted Working Space, Add	*84.55*	
22 11 16 00-0977		Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld Reducing Inserts *(22 11 16 00-0916)*		
22 11 16 00-0978	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	20.83	7.70
		For Work In Restricted Working Space, Add	*5.81*	
22 11 16 00-0979	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	28.91	10.45
		For Work In Restricted Working Space, Add	*7.83*	
22 11 16 00-0980	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	47.03	13.65
		For Work In Restricted Working Space, Add	*10.24*	
22 11 16 00-0981	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	52.98	15.09
		For Work In Restricted Working Space, Add	*11.33*	
22 11 16 00-0982	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	62.16	16.84
		For Work In Restricted Working Space, Add	*12.65*	
22 11 16 00-0983	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	67.99	19.16
		For Work In Restricted Working Space, Add	*14.40*	
22 11 16 00-0984	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	82.29	22.68
		For Work In Restricted Working Space, Add	*17.01*	
22 11 16 00-0985	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	110.81	27.86
		For Work In Restricted Working Space, Add	*20.94*	
22 11 16 00-0986	EA	6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	176.00	35.45
		For Work In Restricted Working Space, Add	*26.59*	
22 11 16 00-0987	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	379.14	46.46
		For Work In Restricted Working Space, Add	*34.88*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0988		Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Thread Reducing Inserts *(22 11 16 00-0916)*		
22 11 16 00-0989	EA	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert	23.23	5.51
		For Work In Restricted Working Space, Add	*4.13*	
22 11 16 00-0990	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert	29.59	7.70
		For Work In Restricted Working Space, Add	*5.81*	
22 11 16 00-0991	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert	37.04	10.45
		For Work In Restricted Working Space, Add	*7.83*	
22 11 16 00-0992	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert	46.33	13.65
		For Work In Restricted Working Space, Add	*10.24*	
22 11 16 00-0993	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert	54.02	15.09
		For Work In Restricted Working Space, Add	*11.33*	
22 11 16 00-0994	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert	67.33	16.84
		For Work In Restricted Working Space, Add	*12.65*	
22 11 16 00-0995	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert	101.78	19.16
		For Work In Restricted Working Space, Add	*14.40*	
22 11 16 00-0996	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert	197.17	22.68
		For Work In Restricted Working Space, Add	*17.01*	
22 11 16 00-0997	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert	291.20	27.86
		For Work In Restricted Working Space, Add	*20.94*	
22 11 16 00-0998		Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters *(22 11 16 00-0916)*		
22 11 16 00-0999	EA	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters	17.39	5.51
		For Work In Restricted Working Space, Add	*4.13*	
22 11 16 00-1000	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters	24.28	7.70
		For Work In Restricted Working Space, Add	*5.81*	
22 11 16 00-1001	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters	34.35	10.45
		For Work In Restricted Working Space, Add	*7.83*	
22 11 16 00-1002	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters	46.33	13.65
		For Work In Restricted Working Space, Add	*10.24*	
22 11 16 00-1003	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters	54.26	15.09
		For Work In Restricted Working Space, Add	*11.33*	
22 11 16 00-1004	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters	64.48	16.84
		For Work In Restricted Working Space, Add	*12.65*	
22 11 16 00-1005	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters	90.23	19.16
		For Work In Restricted Working Space, Add	*14.40*	
22 11 16 00-1006	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters	107.75	22.68
		For Work In Restricted Working Space, Add	*17.01*	
22 11 16 00-1007	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters	156.12	27.86
		For Work In Restricted Working Space, Add	*20.94*	
22 11 16 00-1008		Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters *(22 11 16 00-0916)*		
22 11 16 00-1009	EA	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	18.77	5.51
		For Work In Restricted Working Space, Add	*4.13*	
22 11 16 00-1010	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	24.72	7.70
		For Work In Restricted Working Space, Add	*5.81*	
22 11 16 00-1011	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	34.47	10.45
		For Work In Restricted Working Space, Add	*7.83*	
22 11 16 00-1012	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	46.73	13.65
		For Work In Restricted Working Space, Add	*10.24*	
22 11 16 00-1013	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	52.41	15.09
		For Work In Restricted Working Space, Add	*11.33*	
22 11 16 00-1014	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	62.97	16.84
		For Work In Restricted Working Space, Add	*12.65*	
22 11 16 00-1015	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	91.10	19.16
		For Work In Restricted Working Space, Add	*14.40*	
22 11 16 00-1016	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	123.00	22.68
		For Work In Restricted Working Space, Add	*17.01*	
22 11 16 00-1017	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	182.05	27.86
		For Work In Restricted Working Space, Add	*20.94*	
22 11 16 00-1018		Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings *(22 11 16 00-0916)*		
22 11 16 00-1019	EA	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	15.64	5.07
		For Work In Restricted Working Space, Add	*3.77*	
22 11 16 00-1020	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	21.98	7.05
		For Work In Restricted Working Space, Add	*5.28*	
22 11 16 00-1021	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	29.55	9.47
		For Work In Restricted Working Space, Add	*7.10*	
22 11 16 00-1022	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	39.82	12.44
		For Work In Restricted Working Space, Add	*9.32*	
22 11 16 00-1023	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	45.39	13.76
		For Work In Restricted Working Space, Add	*10.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-1024	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	51.14	15.30
		For Work In Restricted Working Space, Add	*11.49*	
22 11 16 00-1025	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	74.37	17.39
		For Work In Restricted Working Space, Add	*13.08*	
22 11 16 00-1026	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	82.60	20.59
		For Work In Restricted Working Space, Add	*15.46*	
22 11 16 00-1027	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	104.12	25.32
		For Work In Restricted Working Space, Add	*19.02*	
22 11 16 00-1028	EA	6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	160.91	32.26
		For Work In Restricted Working Space, Add	*24.18*	
22 11 16 00-1029	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	268.45	42.28
		For Work In Restricted Working Space, Add	*31.71*	
22 11 16 00-1030		Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions *(22 11 16 00-0916)*		
22 11 16 00-1031	EA	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	28.26	6.05
		For Work In Restricted Working Space, Add	*4.53*	
22 11 16 00-1032	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	34.95	8.48
		For Work In Restricted Working Space, Add	*6.34*	
22 11 16 00-1033	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	42.64	11.34
		For Work In Restricted Working Space, Add	*8.52*	
22 11 16 00-1034	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	70.70	14.87
		For Work In Restricted Working Space, Add	*11.16*	
22 11 16 00-1035	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	75.27	16.52
		For Work In Restricted Working Space, Add	*12.35*	
22 11 16 00-1036	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	102.59	18.38
		For Work In Restricted Working Space, Add	*13.81*	
22 11 16 00-1037	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	169.59	20.92
		For Work In Restricted Working Space, Add	*15.69*	
22 11 16 00-1038	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	239.14	24.77
		For Work In Restricted Working Space, Add	*18.56*	
22 11 16 00-1039	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	377.43	30.39
		For Work In Restricted Working Space, Add	*22.82*	
22 11 16 00-1040	EA	6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	503.66	38.64
		For Work In Restricted Working Space, Add	*29.00*	
22 11 16 00-1041	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	623.99	50.75
		For Work In Restricted Working Space, Add	*38.05*	
22 11 16 00-1042		Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Caps *(22 11 16 00-0916)*		
22 11 16 00-1043	EA	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	12.72	5.18
		For Work In Restricted Working Space, Add	*2.36*	
22 11 16 00-1044	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	16.83	6.50
		For Work In Restricted Working Space, Add	*2.97*	
22 11 16 00-1045	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	24.66	8.15
		For Work In Restricted Working Space, Add	*3.73*	
22 11 16 00-1046	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	28.93	6.16
		For Work In Restricted Working Space, Add	*4.66*	
22 11 16 00-1047	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	30.84	6.83
		For Work In Restricted Working Space, Add	*5.15*	
22 11 16 00-1048	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	41.17	7.70
		For Work In Restricted Working Space, Add	*5.75*	
22 11 16 00-1049	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	61.43	8.70
		For Work In Restricted Working Space, Add	*6.54*	
22 11 16 00-1050	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	66.31	10.35
		For Work In Restricted Working Space, Add	*7.73*	
22 11 16 00-1051	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	100.09	12.66
		For Work In Restricted Working Space, Add	*9.51*	
22 11 16 00-1052	EA	6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	210.48	16.07
		For Work In Restricted Working Space, Add	*12.09*	
22 11 16 00-1053	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	271.36	21.14
		For Work In Restricted Working Space, Add	*15.85*	
22 11 16 00-1054		Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 Lb. Flanges *(22 11 16 00-0916)*		
22 11 16 00-1055	EA	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 Lb. Flanges	21.78	3.97
		For Work In Restricted Working Space, Add	*3.01*	
22 11 16 00-1056	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 Lb. Flanges	26.69	5.61
		For Work In Restricted Working Space, Add	*4.23*	
22 11 16 00-1057	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 Lb. Flanges	32.97	7.59
		For Work In Restricted Working Space, Add	*5.68*	
22 11 16 00-1058	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 Lb. Flanges	39.32	9.91
		For Work In Restricted Working Space, Add	*7.46*	
22 11 16 00-1059	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 Lb. Flanges	42.31	11.01
		For Work In Restricted Working Space, Add	*8.26*	
22 11 16 00-1060	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 Lb. Flanges	50.26	12.22
		For Work In Restricted Working Space, Add	*9.18*	
22 11 16 00-1061	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 Lb. Flanges	65.58	13.98
		For Work In Restricted Working Space, Add	*10.47*	
22 11 16 00-1062	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 Lb. Flanges	74.63	16.52
		For Work In Restricted Working Space, Add	*12.35*	
22 11 16 00-1063	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 Lb. Flanges	93.14	20.25
		For Work In Restricted Working Space, Add	*15.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-1064	EA	6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 Lb. Flanges	131.17	25.76
		For Work In Restricted Working Space, Add	*19.36*	
22 11 16 00-1065	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 Lb. Flanges	234.91	33.80
		For Work In Restricted Working Space, Add	*25.37*	
22 11 16 00-1066		Polypropylene Random (PP-R), Heat Fusion, Domestic Water Pipe *(22 11 16)*		
22 11 16 00-1067		Polypropylene Random (PP-R), Heat Fusion, Domestic Hot Water Pipe *(22 11 16 00-1066)*		
		Note: Aquatherm greenpipe®		
22 11 16 00-1068	LF	1/2" SDR 7.4, Polypropylene, Heat Fusion, Domestic Hot Water Pipe	5.07	1.87
22 11 16 00-1069	LF	3/4" SDR 7.4, Polypropylene, Heat Fusion, Domestic Hot Water Pipe	5.92	1.95
22 11 16 00-1070	LF	1" SDR 7.4, Polypropylene, Heat Fusion, Domestic Hot Water Pipe	8.00	2.35
22 11 16 00-1071	LF	1-1/4" SDR 7.4, Polypropylene, Heat Fusion, Domestic Hot Water Pipe	10.02	2.51
22 11 16 00-1072	LF	1-1/2" SDR 7.4, Polypropylene, Heat Fusion, Domestic Hot Water Pipe	13.80	2.82
22 11 16 00-1073	LF	2" SDR 7.4, Polypropylene, Heat Fusion, Domestic Hot Water Pipe	18.20	2.87
22 11 16 00-1074	LF	2-1/2" SDR 7.4, Polypropylene, Heat Fusion, Domestic Hot Water Pipe	25.94	3.91
22 11 16 00-1075	LF	3" SDR 7.4, Polypropylene, Heat Fusion, Domestic Hot Water Pipe	34.34	4.52
22 11 16 00-1076	LF	3-1/2" SDR 7.4, Polypropylene, Heat Fusion, Domestic Hot Water Pipe	46.10	5.05
22 11 16 00-1077	LF	4" SDR 7.4, Polypropylene, Heat Fusion, Domestic Hot Water Pipe	54.46	5.59
22 11 16 00-1078		Polypropylene Random (PP-R), Heat Fusion, Domestic Cold Water Pipe *(22 11 16 00-1066)*		
		Note: Aquatherm greenpipe®		
22 11 16 00-1079	LF	1/2" SDR 11, Polypropylene, Heat Fusion, Domestic Cold Water Pipe	4.65	1.87
22 11 16 00-1080	LF	3/4" SDR 11, Polypropylene, Heat Fusion, Domestic Cold Water Pipe	5.23	1.95
22 11 16 00-1081	LF	1" SDR 11, Polypropylene, Heat Fusion, Domestic Cold Water Pipe	6.76	2.35
22 11 16 00-1082	LF	1-1/4" SDR 11, Polypropylene, Heat Fusion, Domestic Cold Water Pipe	8.20	2.51
22 11 16 00-1083	LF	1-1/2" SDR 11, Polypropylene, Heat Fusion, Domestic Cold Water Pipe	10.63	2.82
22 11 16 00-1084	LF	2" SDR 11, Polypropylene, Heat Fusion, Domestic Cold Water Pipe	13.70	2.87
22 11 16 00-1085	LF	2-1/2" SDR 11, Polypropylene, Heat Fusion, Domestic Cold Water Pipe	19.01	3.91
22 11 16 00-1086	LF	3" SDR 11, Polypropylene, Heat Fusion, Domestic Cold Water Pipe	25.20	4.52
22 11 16 00-1087	LF	3-1/2" SDR 11, Polypropylene, Heat Fusion, Domestic Cold Water Pipe	34.62	5.05
22 11 16 00-1088	LF	4" SDR 11, Polypropylene, Heat Fusion, Domestic Cold Water Pipe	40.86	5.59
22 11 16 00-1089		Polypropylene Random (PP-R), Heat Fusion, UV Protected, Domestic Hot Water Pipe *(22 11 16 00-1066)*		
		Note: Aquatherm greenpipe®.		
22 11 16 00-1090	LF	1/2" SDR 7.4, Polypropylene, Heat Fusion, UV Protected, Domestic Hot Water Pipe	5.29	1.87
22 11 16 00-1091	LF	3/4" SDR 7.4, Polypropylene, Heat Fusion, UV Protected, Domestic Hot Water Pipe	6.22	1.95
22 11 16 00-1092	LF	1" SDR 7.4, Polypropylene, Heat Fusion, UV Protected, Domestic Hot Water Pipe	8.33	2.35
22 11 16 00-1093	LF	1-1/4" SDR 7.4, Polypropylene, Heat Fusion, UV Protected, Domestic Hot Water Pipe	10.44	2.51
22 11 16 00-1094	LF	1-1/2" SDR 7.4, Polypropylene, Heat Fusion, UV Protected, Domestic Hot Water Pipe	15.03	2.82
22 11 16 00-1095	LF	2" SDR 7.4, Polypropylene, Heat Fusion, UV Protected, Domestic Hot Water Pipe	18.87	2.87
22 11 16 00-1096	LF	2-1/2" SDR 7.4, Polypropylene, Heat Fusion, UV Protected, Domestic Hot Water Pipe	26.89	3.91
22 11 16 00-1097	LF	3" SDR 7.4, Polypropylene, Heat Fusion, UV Protected, Domestic Hot Water Pipe	36.72	4.52
22 11 16 00-1098	LF	3-1/2" SDR 7.4, Polypropylene, Heat Fusion, UV Protected, Domestic Hot Water Pipe	45.97	5.05
22 11 16 00-1099	LF	4" SDR 7.4, Polypropylene, Heat Fusion, UV Protected, Domestic Hot Water Pipe	54.09	5.59
22 11 16 00-1100		Polypropylene Random (PP-R), Heat Fusion, Heating And Cooling Pipe *(22 11 16 00-1066)*		
		Note: Aquatherm climatherm®.		
22 11 16 00-1101	LF	1/2" 7.4 SDR, Polypropylene Random (PP-R), Heat Fusion, Heating And Cooling Pipe	4.64	1.88
22 11 16 00-1102	LF	3/4" 7.4 SDR, Polypropylene Random (PP-R), Heat Fusion, Heating And Cooling Pipe	5.31	1.95
22 11 16 00-1103	LF	1" 11 SDR, Polypropylene Random (PP-R), Heat Fusion, Heating And Cooling Pipe	6.30	2.35
22 11 16 00-1104	LF	1-1/4" 11 SDR, Polypropylene Random (PP-R), Heat Fusion, Heating And Cooling Pipe	7.55	2.51
22 11 16 00-1105	LF	1-1/2" 11 SDR, Polypropylene Random (PP-R), Heat Fusion, Heating And Cooling Pipe	9.46	2.83
22 11 16 00-1106	LF	2" 11 SDR, Polypropylene Random (PP-R), Heat Fusion, Heating And Cooling Pipe	11.92	2.88
22 11 16 00-1107	LF	2-1/2" 11 SDR, Polypropylene Random (PP-R), Heat Fusion, Heating And Cooling Pipe	16.57	3.91
22 11 16 00-1108	LF	3" 11 SDR, Polypropylene Random (PP-R), Heat Fusion, Heating And Cooling Pipe	21.80	4.52
22 11 16 00-1109	LF	3-1/2" 11 SDR, Polypropylene Random (PP-R), Heat Fusion, Heating And Cooling Pipe	29.03	5.05
22 11 16 00-1110	LF	4" 11 SDR, Polypropylene Random (PP-R), Heat Fusion, Heating And Cooling Pipe	34.91	5.59
22 11 16 00-1111	LF	6" 11 SDR, Polypropylene Random (PP-R), Heat Fusion, Heating And Cooling Pipe	42.00	7.15
22 11 16 00-1112	LF	8" 11 SDR, Polypropylene Random (PP-R), Heat Fusion, Heating And Cooling Pipe	67.05	9.37
22 11 16 00-1113		Pipe Clamp For Polypropylene Random (PP-R) Pipe *(22 11 16 00-1066)*		
22 11 16 00-1114	EA	1/2" Pipe Clamp For Polypropylene Pipe	12.82	4.64
22 11 16 00-1115	EA	3/4" Pipe Clamp For Polypropylene Pipe	13.36	4.64
22 11 16 00-1116	EA	1" Pipe Clamp For Polypropylene Pipe	13.73	4.64
22 11 16 00-1117	EA	1-1/4" Pipe Clamp For Polypropylene Pipe	13.85	4.64
22 11 16 00-1118	EA	1-1/2" Pipe Clamp For Polypropylene Pipe	14.27	4.64
22 11 16 00-1119	EA	2" Pipe Clamp For Polypropylene Pipe	15.48	4.64
22 11 16 00-1120	EA	2-1/2" Pipe Clamp For Polypropylene Pipe	17.23	4.64
22 11 16 00-1121	EA	3" Pipe Clamp For Polypropylene Pipe	17.83	4.64
22 11 16 00-1122	EA	3-1/2" Pipe Clamp For Polypropylene Pipe	18.68	4.64
22 11 16 00-1123	EA	4" Pipe Clamp For Polypropylene Pipe	19.82	4.64

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-1124		**Polypropylene Random (PP-R) Pipe, Pipe Fastening Strap** *(22 11 16 00-1066)*		
22 11 16 00-1125	EA	Up to 1" Polypropylene Pipe, Single Pipe Fastening Strap, 1-3/8" Spike	4.34	
22 11 16 00-1126	EA	Up to 1" Polypropylene Pipe, Single Pipe Fastening Strap, 2-1/2" Spike	4.49	
22 11 16 00-1127	EA	Up to 1" Polypropylene Pipe, Double Pipe Fastening Strap, 1-3/8" Spike	4.56	
22 11 16 00-1128	EA	Up to 1" Polypropylene Pipe, Double Pipe Fastening Strap, 2-1/2" Spike	4.62	
22 11 16 00-1129		**Polypropylene Random (PP-R) Pipe Plastic Pipe Clamp** *(22 11 16 00-1066)*		
22 11 16 00-1130	EA	1/2" Polypropylene Pipe Plastic Pipe Clamp	10.27	2.41
22 11 16 00-1131	EA	3/4" Polypropylene Pipe Plastic Pipe Clamp	10.64	2.41
22 11 16 00-1132		**Polypropylene Random (PP-R), Heat Fusion, Socket Coupling** *(22 11 16 00-1066)*		
22 11 16 00-1133	EA	1/2" Polypropylene, Heat Fusion, Socket Coupling	9.01	3.74
22 11 16 00-1134	EA	3/4" Polypropylene, Heat Fusion, Socket Coupling	9.52	3.91
22 11 16 00-1135	EA	1" Polypropylene, Heat Fusion, Socket Coupling	11.62	4.69
22 11 16 00-1136	EA	1-1/4" Polypropylene, Heat Fusion, Socket Coupling	12.75	5.02
22 11 16 00-1137	EA	1-1/2" Polypropylene, Heat Fusion, Socket Coupling	16.94	5.64
22 11 16 00-1138	EA	2" Polypropylene, Heat Fusion, Socket Coupling	22.84	5.75
22 11 16 00-1139	EA	2-1/2" Polypropylene, Heat Fusion, Socket Coupling	28.31	7.81
22 11 16 00-1140	EA	3" Polypropylene, Heat Fusion, Socket Coupling	45.98	9.04
22 11 16 00-1141	EA	3-1/2" Polypropylene, Heat Fusion, Socket Coupling	65.57	10.10
22 11 16 00-1142	EA	4" Polypropylene, Heat Fusion, Socket Coupling	81.84	11.16
22 11 16 00-1143		**Polypropylene Random (PP-R), Heat Fusion, Bushing** *(22 11 16 00-1066)*		
22 11 16 00-1144	EA	1" Polypropylene, Heat Fusion, Bushing	9.76	3.74
22 11 16 00-1145	EA	1-1/4" Polypropylene, Heat Fusion, Bushing	11.32	3.91
22 11 16 00-1146	EA	1-1/2" Polypropylene, Heat Fusion, Bushing	15.18	4.69
22 11 16 00-1147	EA	2" Polypropylene, Heat Fusion, Bushing	21.66	5.02
22 11 16 00-1148	EA	2-1/2" Polypropylene, Heat Fusion, Bushing	24.27	5.64
22 11 16 00-1149	EA	3" Polypropylene, Heat Fusion, Bushing	40.44	5.75
22 11 16 00-1150	EA	3-1/2" Polypropylene, Heat Fusion, Bushing	61.89	7.81
22 11 16 00-1151	EA	4" x 2-1/2" Polypropylene, Heat Fusion, Bushing	74.55	9.04
22 11 16 00-1152	EA	4" x 3" Polypropylene, Heat Fusion, Bushing	90.43	10.10
22 11 16 00-1153	EA	4" x 3-1/2" Polypropylene, Heat Fusion, Bushing	94.64	11.16
22 11 16 00-1154		**Polypropylene Random (PP-R), Heat Fusion, Reducing Coupling** *(22 11 16 00-1066)*		
22 11 16 00-1155	EA	1-1/4" Polypropylene, Heat Fusion, Reducing Coupling	13.23	3.91
22 11 16 00-1156	EA	1-1/2" Polypropylene, Heat Fusion, Reducing Coupling	17.55	4.69
22 11 16 00-1157	EA	2" Polypropylene, Heat Fusion, Reducing Coupling	26.37	5.02
22 11 16 00-1158	EA	2-1/2" Polypropylene, Heat Fusion, Reducing Coupling	29.21	5.64
22 11 16 00-1159	EA	3" Polypropylene, Heat Fusion, Reducing Coupling	35.68	5.75
22 11 16 00-1160	EA	3-1/2" Polypropylene, Heat Fusion, Reducing Coupling	57.56	7.81
22 11 16 00-1161	EA	4" x 3" Polypropylene, Heat Fusion, Reducing Coupling	74.80	9.49
22 11 16 00-1162	EA	4" x 3-1/2" Polypropylene, Heat Fusion, Reducing Coupling	83.77	11.16
22 11 16 00-1163		**Polypropylene Random (PP-R), Heat Fusion, 90 Degree Elbow** *(22 11 16 00-1066)*		
22 11 16 00-1164	EA	1/2" Polypropylene, Heat Fusion, 90 Degree Elbow	16.60	7.48
22 11 16 00-1165	EA	3/4" Polypropylene, Heat Fusion, 90 Degree Elbow	17.85	7.87
22 11 16 00-1166	EA	1" Polypropylene, Heat Fusion, 90 Degree Elbow	21.79	9.37
22 11 16 00-1167	EA	1-1/4" Polypropylene, Heat Fusion, 90 Degree Elbow	24.89	10.10
22 11 16 00-1168	EA	1-1/2" Polypropylene, Heat Fusion, 90 Degree Elbow	32.52	11.22
22 11 16 00-1169	EA	2" Polypropylene, Heat Fusion, 90 Degree Elbow	38.36	11.44
22 11 16 00-1170	EA	2-1/2" Polypropylene, Heat Fusion, 90 Degree Elbow	65.71	15.69
22 11 16 00-1171	EA	3" Polypropylene, Heat Fusion, 90 Degree Elbow	93.24	18.09
22 11 16 00-1172	EA	3-1/2" Polypropylene, Heat Fusion, 90 Degree Elbow	121.46	20.21
22 11 16 00-1173	EA	4" Polypropylene, Heat Fusion, 90 Degree Elbow	169.51	22.32
22 11 16 00-1174		**Polypropylene Random (PP-R), Heat Fusion, 90 Degree Street Elbow** *(22 11 16 00-1066)*		
22 11 16 00-1175	EA	1/2" Polypropylene, Heat Fusion, 90 Degree Street Elbow	16.60	7.48
22 11 16 00-1176	EA	3/4" Polypropylene, Heat Fusion, 90 Degree Street Elbow	17.85	7.87
22 11 16 00-1177	EA	1" Polypropylene, Heat Fusion, 90 Degree Street Elbow	21.79	9.37
22 11 16 00-1178	EA	1-1/4" Polypropylene, Heat Fusion, 90 Degree Street Elbow	24.89	10.10
22 11 16 00-1179		**Polypropylene Random (PP-R), Heat Fusion, 45 Degree Elbow** *(22 11 16 00-1066)*		
22 11 16 00-1180	EA	1/2" Polypropylene, Heat Fusion, 45 Degree Elbow	16.60	7.48
22 11 16 00-1181	EA	3/4" Polypropylene, Heat Fusion, 45 Degree Elbow	17.85	7.87
22 11 16 00-1182	EA	1" Polypropylene, Heat Fusion, 45 Degree Elbow	21.79	9.37
22 11 16 00-1183	EA	1-1/4" Polypropylene, Heat Fusion, 45 Degree Elbow	24.89	10.10
22 11 16 00-1184	EA	1-1/2" Polypropylene, Heat Fusion, 45 Degree Elbow	32.52	11.22
22 11 16 00-1185	EA	2" Polypropylene, Heat Fusion, 45 Degree Elbow	38.18	11.44
22 11 16 00-1186	EA	2-1/2" Polypropylene, Heat Fusion, 45 Degree Elbow	65.29	15.69
22 11 16 00-1187	EA	3" Polypropylene, Heat Fusion, 45 Degree Elbow	98.80	18.09

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-1188	EA	3-1/2" Polypropylene, Heat Fusion, 45 Degree Elbow	129.58	20.21
22 11 16 00-1189	EA	4" Polypropylene, Heat Fusion, 45 Degree Elbow	181.96	22.32
22 11 16 00-1190		**Polypropylene Random (PP-R), Heat Fusion, 45 Degree Street Elbow** *(22 11 16 00-1066)*		
22 11 16 00-1191	EA	1/2" Polypropylene, Heat Fusion, 45 Degree Street Elbow	16.58	7.48
22 11 16 00-1192	EA	3/4" Polypropylene, Heat Fusion, 45 Degree Street Elbow	17.85	7.87
22 11 16 00-1193	EA	1" Polypropylene, Heat Fusion, 45 Degree Street Elbow	21.79	9.37
22 11 16 00-1194	EA	1-1/4" Polypropylene, Heat Fusion, 45 Degree Street Elbow	24.89	10.10
22 11 16 00-1195		**Polypropylene Random (PP-R), Heat Fusion, Tee** *(22 11 16 00-1066)*		
22 11 16 00-1196	EA	1/2" Polypropylene, Heat Fusion, Tee	24.65	11.22
22 11 16 00-1197	EA	3/4" Polypropylene, Heat Fusion, Tee	26.59	11.77
22 11 16 00-1198	EA	1" Polypropylene, Heat Fusion, Tee	31.89	14.01
22 11 16 00-1199	EA	1-1/4" Polypropylene, Heat Fusion, Tee	36.15	15.12
22 11 16 00-1200	EA	1-1/2" Polypropylene, Heat Fusion, Tee	50.56	16.86
22 11 16 00-1201	EA	2" Polypropylene, Heat Fusion, Tee	58.52	17.19
22 11 16 00-1202	EA	2-1/2" Polypropylene, Heat Fusion, Tee	87.44	23.50
22 11 16 00-1203	EA	3" Polypropylene, Heat Fusion, Tee	121.02	27.12
22 11 16 00-1204	EA	3-1/2" Polypropylene, Heat Fusion, Tee	164.65	30.28
22 11 16 00-1205	EA	4" Polypropylene, Heat Fusion, Tee	205.22	33.43
22 11 16 00-1206		**Polypropylene Random (PP-R), Heat Fusion, Reducing Tee** *(22 11 16 00-1066)*		
22 11 16 00-1207	EA	1/2" Polypropylene, Heat Fusion, Reducing Tee	24.65	11.22
22 11 16 00-1208	EA	3/4" Polypropylene, Heat Fusion, Reducing Tee	26.59	11.77
22 11 16 00-1209	EA	1" Polypropylene, Heat Fusion, Reducing Tee	31.84	14.01
22 11 16 00-1210	EA	1-1/4" Polypropylene, Heat Fusion, Reducing Tee	36.15	15.12
22 11 16 00-1211	EA	1-1/2" Polypropylene, Heat Fusion, Reducing Tee	50.56	16.86
22 11 16 00-1212	EA	2" Polypropylene, Heat Fusion, Reducing Tee	57.06	17.19
22 11 16 00-1213	EA	2-1/2" Polypropylene, Heat Fusion, Reducing Tee	83.98	23.50
22 11 16 00-1214	EA	3" Polypropylene, Heat Fusion, Reducing Tee	128.39	27.12
22 11 16 00-1215	EA	3-1/2" Polypropylene, Heat Fusion, Reducing Tee	176.41	30.28
22 11 16 00-1216	EA	4" x 2-1/2" Polypropylene, Heat Fusion, Reducing Tee	201.04	33.43
22 11 16 00-1217	EA	4" x 3" Polypropylene, Heat Fusion, Reducing Tee	205.69	33.43
22 11 16 00-1218	EA	4" x 3-1/2" Polypropylene, Heat Fusion, Reducing Tee	206.22	33.43
22 11 16 00-1219		**Polypropylene Random (PP-R), Heat Fusion, End Cap** *(22 11 16 00-1066)*		
22 11 16 00-1220	EA	1/2" Polypropylene, Heat Fusion, End Cap	9.88	3.74
22 11 16 00-1221	EA	3/4" Polypropylene, Heat Fusion, End Cap	10.85	3.91
22 11 16 00-1222	EA	1" Polypropylene, Heat Fusion, End Cap	13.06	4.69
22 11 16 00-1223	EA	1-1/4" Polypropylene, Heat Fusion, End Cap	15.86	5.02
22 11 16 00-1224	EA	1-1/2" Polypropylene, Heat Fusion, End Cap	19.28	5.64
22 11 16 00-1225	EA	2" Polypropylene, Heat Fusion, End Cap	24.91	5.75
22 11 16 00-1226	EA	2-1/2" Polypropylene, Heat Fusion, End Cap	35.06	7.81
22 11 16 00-1227	EA	3" Polypropylene, Heat Fusion, End Cap	62.00	9.04
22 11 16 00-1228	EA	3-1/2" Polypropylene, Heat Fusion, End Cap	73.03	10.10
22 11 16 00-1229	EA	4" Polypropylene, Heat Fusion, End Cap	102.76	11.16
22 11 16 00-1230		**Polypropylene Random (PP-R), Heat Fusion Outlet** *(22 11 16 00-1066)*		
22 11 16 00-1231	EA	1-1/4" x 1/2" Polypropylene, Heat Fusion Outlet	12.41	
22 11 16 00-1232	EA	1-1/4" x 3/4" Polypropylene, Heat Fusion Outlet	12.75	
22 11 16 00-1233	EA	1-1/2" x 1/2" Polypropylene, Heat Fusion Outlet	12.98	
22 11 16 00-1234	EA	1-1/2" x 3/4" Polypropylene, Heat Fusion Outlet	13.32	
22 11 16 00-1235	EA	2" x 1/2" Polypropylene, Heat Fusion Outlet	13.92	
22 11 16 00-1236	EA	2" x 3/4" Polypropylene, Heat Fusion Outlet	14.26	
22 11 16 00-1237	EA	2" x 1" Polypropylene, Heat Fusion Outlet	15.93	
22 11 16 00-1238	EA	2-1/2" x 1/2" Polypropylene, Heat Fusion Outlet	14.87	
22 11 16 00-1239	EA	2-1/2" x 3/4" Polypropylene, Heat Fusion Outlet	15.21	
22 11 16 00-1240	EA	2-1/2" x 1" Polypropylene, Heat Fusion Outlet	16.88	
22 11 16 00-1241	EA	2-1/2" x 1-1/4" Polypropylene, Heat Fusion Outlet	17.66	
22 11 16 00-1242	EA	3" x 1/2" Polypropylene, Heat Fusion Outlet	15.81	
22 11 16 00-1243	EA	3" x 3/4" Polypropylene, Heat Fusion Outlet	16.15	
22 11 16 00-1244	EA	3" x 1" Polypropylene, Heat Fusion Outlet	17.82	
22 11 16 00-1245	EA	3" x 1-1/4" Polypropylene, Heat Fusion Outlet	18.60	
22 11 16 00-1246	EA	3-1/2" x 1/2" Polypropylene, Heat Fusion Outlet	15.81	
22 11 16 00-1247	EA	3-1/2" x 3/4" Polypropylene, Heat Fusion Outlet	17.09	
22 11 16 00-1248	EA	3-1/2" x 1" Polypropylene, Heat Fusion Outlet	18.76	
22 11 16 00-1249	EA	3-1/2" x 1-1/4" Polypropylene, Heat Fusion Outlet	19.54	
22 11 16 00-1250	EA	3-1/2" x 1-1/2" Polypropylene, Heat Fusion Outlet	23.14	
22 11 16 00-1251	EA	4" x 1/2" Polypropylene, Heat Fusion Outlet	17.70	
22 11 16 00-1252	EA	4" x 3/4" Polypropylene, Heat Fusion Outlet	18.04	
22 11 16 00-1253	EA	4" x 1" Polypropylene, Heat Fusion Outlet	19.71	
22 11 16 00-1254	EA	4" x 1-1/4" Polypropylene, Heat Fusion Outlet	20.49	
22 11 16 00-1255	EA	4" x 1-1/2" Polypropylene, Heat Fusion Outlet	23.14	
22 11 16 00-1256	EA	4" x 2" Polypropylene, Heat Fusion Outlet	27.36	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-1257		Polypropylene Random (PP-R), Flange Adaptor With Gaskets Included *(22 11 16 00-1066)*		
22 11 16 00-1258	EA	1" Polypropylene, Flange Adaptor With Gaskets Included	14.67	4.69
22 11 16 00-1259	EA	1-1/4" Polypropylene, Flange Adaptor With Gaskets Included	16.30	5.02
22 11 16 00-1260	EA	1-1/2" Polypropylene, Flange Adaptor With Gaskets Included	21.05	5.64
22 11 16 00-1261	EA	2" Polypropylene, Flange Adaptor With Gaskets Included	22.53	5.75
22 11 16 00-1262	EA	2-1/2" Polypropylene, Flange Adaptor With Gaskets Included	31.06	7.81
22 11 16 00-1263	EA	3" Polypropylene, Flange Adaptor With Gaskets Included	49.48	9.04
22 11 16 00-1264	EA	3-1/2" Polypropylene, Flange Adaptor With Gaskets Included	66.97	10.10
22 11 16 00-1265	EA	4" Polypropylene, Flange Adaptor With Gaskets Included	141.42	11.16
22 11 16 00-1266		Polypropylene Random (PP-R), Flange Ring With ANSI Bolt Pattern *(22 11 16 00-1066)*		
22 11 16 00-1267	EA	1" Polypropylene, Flange Ring With ANSI Bolt Pattern	25.00	
22 11 16 00-1268	EA	1-1/4" Polypropylene, Flange Ring With ANSI Bolt Pattern	33.02	
22 11 16 00-1269	EA	1-1/2" Polypropylene, Flange Ring With ANSI Bolt Pattern	41.22	
22 11 16 00-1270	EA	2" Polypropylene, Flange Ring With ANSI Bolt Pattern	48.98	
22 11 16 00-1271	EA	2-1/2" Polypropylene, Flange Ring With ANSI Bolt Pattern	68.49	
22 11 16 00-1272	EA	3" Polypropylene, Flange Ring With ANSI Bolt Pattern	79.52	
22 11 16 00-1273	EA	3-1/2" Polypropylene, Flange Ring With ANSI Bolt Pattern	98.50	
22 11 16 00-1274	EA	4" Polypropylene, Flange Ring With ANSI Bolt Pattern	119.29	
22 11 16 00-1275		Polypropylene Random (PP-R), Electrofusion Coupling *(22 11 16 00-1066)*		
22 11 16 00-1276	EA	1/2" Polypropylene, Electrofusion Coupling	54.44	7.48
22 11 16 00-1277	EA	3/4" Polypropylene, Electrofusion Coupling	56.77	7.87
22 11 16 00-1278	EA	1" Polypropylene, Electrofusion Coupling	64.70	9.37
22 11 16 00-1279	EA	1-1/4" Polypropylene, Electrofusion Coupling	66.90	10.10
22 11 16 00-1280	EA	1-1/2" Polypropylene, Electrofusion Coupling	72.80	11.22
22 11 16 00-1281	EA	2" Polypropylene, Electrofusion Coupling	95.89	11.44
22 11 16 00-1282	EA	2-1/2" Polypropylene, Electrofusion Coupling	117.90	15.69
22 11 16 00-1283	EA	3" Polypropylene, Electrofusion Coupling	146.60	18.09
22 11 16 00-1284	EA	3-1/2" Polypropylene, Electrofusion Coupling	197.23	20.21
22 11 16 00-1285	EA	4" Polypropylene, Electrofusion Coupling	242.02	22.32
22 11 16 00-1286		Polypropylene Random (PP-R), Heat Fusion, FIP Rear-Mount Back Plate Elbow *(22 11 16 00-1066)*		
22 11 16 00-1287	EA	1/2" Polypropylene, Heat Fusion, FIP Rear-Mount Back Plate Elbow	29.32	10.27
22 11 16 00-1288	EA	3/4" Polypropylene, Heat Fusion, FIP Rear-Mount Back Plate Elbow	34.45	10.66
22 11 16 00-1289		Polypropylene Random (PP-R), Heat Fusion, FIP Side-Mount Back Plate Elbow *(22 11 16 00-1066)*		
22 11 16 00-1290	EA	1/2" Polypropylene, Heat Fusion, FIP Side-Mount Back Plate Elbow	31.43	10.27
22 11 16 00-1291		Polypropylene Random (PP-R), Heat Fusion, ISO Plug For Pressure Test *(22 11 16 00-1066)*		
22 11 16 00-1292	EA	1/2" Polypropylene, Heat Fusion, ISO Plug For Pressure Test	8.67	3.74
22 11 16 00-1293	EA	3/4" Polypropylene, Heat Fusion, ISO Plug For Pressure Test	9.36	3.91
22 11 16 00-1294		Polypropylene Random (PP-R), Heat Fusion, Round FIP NPT Transition Piece *(22 11 16 00-1066)*		
22 11 16 00-1295	EA	1/2" x 1/2" Polypropylene, Heat Fusion, Round FIP NPT Transition Piece	22.48	7.48
22 11 16 00-1296	EA	1/2" x 3/4" Polypropylene, Heat Fusion, Round FIP NPT Transition Piece	24.86	7.48
22 11 16 00-1297	EA	3/4" x 1/2" Polypropylene, Heat Fusion, Round FIP NPT Transition Piece	23.26	7.87
22 11 16 00-1298	EA	3/4" x 3/4" Polypropylene, Heat Fusion, Round FIP NPT Transition Piece	25.64	7.87
22 11 16 00-1299	EA	1" x 3/4" Polypropylene, Heat Fusion, Round FIP NPT Transition Piece	29.64	9.37
22 11 16 00-1300		Polypropylene Random (PP-R), Heat Fusion, Hex FIP NPT Transition Piece *(22 11 16 00-1066)*		
22 11 16 00-1301	EA	1/2" x 1/2" Polypropylene, Heat Fusion, Hex FIP NPT Transition Piece	26.75	7.48
22 11 16 00-1302	EA	1/2" x 3/4" Polypropylene, Heat Fusion, Hex FIP NPT Transition Piece	28.77	7.48
22 11 16 00-1303	EA	3/4" x 1/2" Polypropylene, Heat Fusion, Hex FIP NPT Transition Piece	27.53	7.87
22 11 16 00-1304	EA	3/4" x 3/4" Polypropylene, Heat Fusion, Hex FIP NPT Transition Piece	29.55	7.87
22 11 16 00-1305	EA	1" x 3/4" Polypropylene, Heat Fusion, Hex FIP NPT Transition Piece	34.66	9.37
22 11 16 00-1306	EA	1" x 1" Polypropylene, Heat Fusion, Hex FIP NPT Transition Piece	51.06	9.37
22 11 16 00-1307	EA	1-1/4" x 1" Polypropylene, Heat Fusion, Hex FIP NPT Transition Piece	54.13	10.10
22 11 16 00-1308	EA	1-1/4" x 1-1/4" Polypropylene, Heat Fusion, Hex FIP NPT Transition Piece	71.25	10.10
22 11 16 00-1309	EA	1-1/2" x 1-1/4" Polypropylene, Heat Fusion, Hex FIP NPT Transition Piece	75.18	11.22
22 11 16 00-1310	EA	1-1/2" x 1-1/2" Polypropylene, Heat Fusion, Hex FIP NPT Transition Piece	81.64	11.22
22 11 16 00-1311	EA	2" x 1-1/2" Polypropylene, Heat Fusion, Hex FIP NPT Transition Piece	87.73	11.44
22 11 16 00-1312	EA	2" x 2" Polypropylene, Heat Fusion, Hex FIP NPT Transition Piece	114.55	11.44
22 11 16 00-1313	EA	2-1/2" x 2" Polypropylene, Heat Fusion, Hex FIP NPT Transition Piece	127.07	15.69

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-1314		Polypropylene Random (PP-R), Heat Fusion, Round MIP NPT Transition Piece *(22 11 16 00-1066)*		
22 11 16 00-1315	EA	1/2" x 1/2" Polypropylene, Heat Fusion, Round MIP NPT Transition Piece	32.66	7.48
22 11 16 00-1316	EA	1/2" x 3/4" Polypropylene, Heat Fusion, Round MIP NPT Transition Piece	35.19	7.48
22 11 16 00-1317	EA	3/4" x 1/2" Polypropylene, Heat Fusion, Round MIP NPT Transition Piece	33.44	7.87
22 11 16 00-1318	EA	3/4" x 3/4" Polypropylene, Heat Fusion, Round MIP NPT Transition Piece	35.97	7.87
22 11 16 00-1319	EA	1" x 3/4" Polypropylene, Heat Fusion, Round MIP NPT Transition Piece	42.64	9.37
22 11 16 00-1320		Polypropylene Random (PP-R), Heat Fusion, Hex MIP NPT Transition Piece *(22 11 16 00-1066)*		
22 11 16 00-1321	EA	1/2" x 1/2" Polypropylene, Heat Fusion, Hex MIP NPT Transition Piece	27.94	7.48
22 11 16 00-1322	EA	1/2" x 3/4" Polypropylene, Heat Fusion, Hex MIP NPT Transition Piece	29.79	7.48
22 11 16 00-1323	EA	3/4" x 3/4" Polypropylene, Heat Fusion, Hex MIP NPT Transition Piece	30.57	7.87
22 11 16 00-1324	EA	1" x 1" Polypropylene, Heat Fusion, Hex MIP NPT Transition Piece	43.61	9.37
22 11 16 00-1325	EA	1" x 1-1/4" Polypropylene, Heat Fusion, Hex MIP NPT Transition Piece	60.61	9.37
22 11 16 00-1326	EA	1-1/4" x 1" Polypropylene, Heat Fusion, Hex MIP NPT Transition Piece	45.98	10.10
22 11 16 00-1327	EA	1-1/4" x 1-1/4" Polypropylene, Heat Fusion, Hex MIP NPT Transition Piece	64.74	10.10
22 11 16 00-1328	EA	1-1/2" x 1-1/4" Polypropylene, Heat Fusion, Hex MIP NPT Transition Piece	68.44	11.22
22 11 16 00-1329	EA	1-1/2" x 1-1/2" Polypropylene, Heat Fusion, Hex MIP NPT Transition Piece	79.11	11.22
22 11 16 00-1330	EA	2" x 1-1/2" Polypropylene, Heat Fusion, Hex MIP NPT Transition Piece	90.02	11.44
22 11 16 00-1331	EA	2" x 2" Polypropylene, Heat Fusion, Hex MIP NPT Transition Piece	101.40	11.44
22 11 16 00-1332	EA	2-1/2" x 2" Polypropylene, Heat Fusion, Hex MIP NPT Transition Piece	111.78	15.69
22 11 16 00-1333	EA	2-1/2" x 2-1/2" Polypropylene, Heat Fusion, Hex MIP NPT Transition Piece	151.74	15.69
22 11 16 00-1334	EA	3" x 3" Polypropylene, Heat Fusion, Hex MIP NPT Transition Piece	223.89	18.09
22 11 16 00-1335	EA	3-1/2" x 4" Polypropylene, Heat Fusion, Hex MIP NPT Transition Piece	425.26	20.21
22 11 16 00-1336		Polypropylene Random (PP-R), Heat Fusion, Transition FIP NPT Elbow *(22 11 16 00-1066)*		
22 11 16 00-1337	EA	1/2" x 3/4" Polypropylene, Heat Fusion, Transition FIP NPT Elbow	28.09	7.48
22 11 16 00-1338	EA	1/2" x 1/2" Polypropylene, Heat Fusion, Transition FIP NPT Elbow	23.74	7.48
22 11 16 00-1339	EA	3/4" x 3/4" Polypropylene, Heat Fusion, Transition FIP NPT Elbow	28.87	7.87
22 11 16 00-1340	EA	3/4" x 1/2" Polypropylene, Heat Fusion, Transition FIP NPT Elbow	24.52	7.87
22 11 16 00-1341	EA	1" x 3/4" Polypropylene, Heat Fusion, Transition FIP NPT Elbow	33.29	9.37
22 11 16 00-1342	EA	1" x 1" Polypropylene, Heat Fusion, Transition FIP NPT Elbow	50.21	9.37
22 11 16 00-1343		Polypropylene Random (PP-R), Heat Fusion, Transition Male/Female x FIP NPT Street Elbow *(22 11 16 00-1066)*		
22 11 16 00-1344	EA	1/2" x 1/2" Polypropylene, Heat Fusion, Transition Male/Female x FIP NPT Street Elbow	23.74	7.48
22 11 16 00-1345		Polypropylene Random (PP-R), Heat Fusion, Transition MIP NPT Elbow *(22 11 16 00-1066)*		
22 11 16 00-1346	EA	1/2" x 1/2" Polypropylene, Heat Fusion, Transition MIP NPT Elbow	25.92	7.48
22 11 16 00-1347	EA	1/2" x 3/4" Polypropylene, Heat Fusion, Transition MIP NPT Elbow	27.32	7.48
22 11 16 00-1348	EA	3/4" x 3/4" Polypropylene, Heat Fusion, Transition MIP NPT Elbow	28.10	7.87
22 11 16 00-1349	EA	1" x 3/4" Polypropylene, Heat Fusion, Transition MIP NPT Elbow	34.90	9.37
22 11 16 00-1350	EA	1" x 1" Polypropylene, Heat Fusion, Transition MIP NPT Elbow	47.47	9.37
22 11 16 00-1351		Polypropylene Random (PP-R), Heat Fusion, Transition FIP NPT Tee *(22 11 16 00-1066)*		
22 11 16 00-1352	EA	1/2" x 1/2" x 1/2" Polypropylene, Heat Fusion, Transition FIP NPT Tee	32.83	11.22
22 11 16 00-1353	EA	1/2" x 1/2" x 3/4" Polypropylene, Heat Fusion, Transition FIP NPT Tee	36.28	11.22
22 11 16 00-1354	EA	3/4" x 3/4" x 1/2" Polypropylene, Heat Fusion, Transition FIP NPT Tee	33.94	11.77
22 11 16 00-1355	EA	3/4" x 3/4" x 3/4" Polypropylene, Heat Fusion, Transition FIP NPT Tee	37.39	11.77
22 11 16 00-1356	EA	1" x 1" x 3/4" Polypropylene, Heat Fusion, Transition FIP NPT Tee	44.17	14.01
22 11 16 00-1357	EA	1" x 1" x 1" Polypropylene, Heat Fusion, Transition FIP NPT Tee	59.62	14.01
22 11 16 00-1358	EA	1-1/2" x 1-1/2" x 1" Polypropylene, Heat Fusion, Transition FIP NPT Tee	69.29	16.86
22 11 16 00-1359		Polypropylene Random (PP-R), Heat Fusion, Transition MIP NPT Tee *(22 11 16 00-1066)*		
22 11 16 00-1360	EA	1/2" x 1/2" x 1/2" Polypropylene, Heat Fusion, Transition MIP NPT Tee	35.15	11.22
22 11 16 00-1361		Polypropylene Random (PP-R), Heat Fusion, Transition PP-R x Brass Compression Fitting *(22 11 16 00-1066)*		
22 11 16 00-1362	EA	1/2" x 1/2" Polypropylene, Heat Fusion, Transition PP-R x Brass Compression Fitting	24.13	3.74
22 11 16 00-1363		Polypropylene Random (PP-R), Heat Fusion, Fusion Outlet x FIP NPT *(22 11 16 00-1066)*		
22 11 16 00-1364	EA	1/2" Polypropylene, Heat Fusion, Fusion Outlet x FIP NPT	21.18	
22 11 16 00-1365	EA	3/4" Polypropylene, Heat Fusion, Fusion Outlet x FIP NPT	27.01	
22 11 16 00-1366	EA	1" Polypropylene, Heat Fusion, Fusion Outlet x FIP NPT	37.07	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-1367		**Polypropylene Random (PP-R), Heat Fusion, Fusion Outlet x MIP NPT** *(22 11 16 00-1066)*		
22 11 16 00-1368	EA	1/2" Polypropylene, Heat Fusion, Fusion Outlet x MIP NPT	24.55	
22 11 16 00-1369	EA	3/4" Polypropylene, Heat Fusion, Fusion Outlet x MIP NPT	33.25	
22 11 16 00-1370		**Polypropylene Random (PP-R), Heat Fusion, PEX Adaptor** *(22 11 16 00-1066)*		
22 11 16 00-1371	EA	1/2" Polypropylene, Heat Fusion, PEX Adaptor	17.24	3.74
22 11 16 00-1372	EA	3/4" Polypropylene, Heat Fusion, PEX Adaptor	25.60	3.91
22 11 16 00-1373	EA	1" Polypropylene, Heat Fusion, PEX Adaptor	33.48	4.69
22 11 16 00-1374		**Polypropylene Random (PP-R), Heat Fusion, FIP Stop Valve Body** *(22 11 16 00-1066)*		
22 11 16 00-1375	EA	1/2" Polypropylene, Heat Fusion, FIP Stop Valve Body	23.94	8.20
22 11 16 00-1376	EA	3/4" Polypropylene, Heat Fusion, FIP Stop Valve Body	24.83	8.65
22 11 16 00-1377	EA	1" Polypropylene, Heat Fusion, FIP Stop Valve Body	34.93	10.27
22 11 16 00-1378	EA	1-1/4" Polypropylene, Heat Fusion, FIP Stop Valve Body	53.00	11.11
22 11 16 00-1379		**Polypropylene Random (PP-R), Heat Fusion, Inclined Check Valve** *(22 11 16 00-1066)*		
22 11 16 00-1380	EA	1/2" Polypropylene, Heat Fusion, Inclined Check Valve	67.42	8.20
22 11 16 00-1381	EA	3/4" Polypropylene, Heat Fusion, Inclined Check Valve	68.31	8.65
22 11 16 00-1382	EA	1" Polypropylene, Heat Fusion, Inclined Check Valve	81.62	10.27
22 11 16 00-1383	EA	1-1/4" Polypropylene, Heat Fusion, Inclined Check Valve	133.17	11.11
22 11 16 00-1384		**Polypropylene Random (PP-R), Heat Fusion, Ball Valve** *(22 11 16 00-1066)*		
22 11 16 00-1385	EA	1/2" Polypropylene, Heat Fusion, Ball Valve	62.42	8.20
22 11 16 00-1386	EA	3/4" Polypropylene, Heat Fusion, Ball Valve	69.11	8.65
22 11 16 00-1387	EA	1" Polypropylene, Heat Fusion, Ball Valve	83.79	10.27
22 11 16 00-1388	EA	1-1/4" Polypropylene, Heat Fusion, Ball Valve	117.86	11.11
22 11 16 00-1389	EA	1-1/2" Polypropylene, Heat Fusion, Ball Valve	170.87	12.34
22 11 16 00-1390	EA	2" Polypropylene, Heat Fusion, Ball Valve	259.05	12.61
22 11 16 00-1391		**Extension For Ball Valve** *(22 11 16 00-1066)*		
22 11 16 00-1392	EA	Extension For 1/2" to 3/4" Ball Valve, 1-3/8" Length	31.86	
22 11 16 00-1393	EA	Extension For 1" to 1-1/4" Ball Valve, 1-3/8" Length	31.91	
22 11 16 00-1394	EA	Extension For 1-1/2" to 2" Ball Valve, 1-3/4" Length	34.87	
22 11 16 00-1395		**Polypropylene Random (PP-R), Heat Fusion, Draining Branch** *(22 11 16 00-1066)*		
22 11 16 00-1396	EA	1/2" Polypropylene, Heat Fusion, Draining Branch	30.71	7.48
22 11 16 00-1397	EA	3/4" Polypropylene, Heat Fusion, Draining Branch	31.49	7.87
22 11 16 00-1398	EA	1" Polypropylene, Heat Fusion, Draining Branch	36.17	9.37
22 11 16 00-1399	EA	1-1/4" Polypropylene, Heat Fusion, Draining Branch	37.63	10.10
22 11 16 00-1400	EA	1-1/2" Polypropylene, Heat Fusion, Draining Branch	41.31	11.22
22 11 16 00-1401	EA	2" Polypropylene, Heat Fusion, Draining Branch	44.28	11.44
22 11 16 00-1402		**Cross-Linked Polyethylene Tubing, ASTM F877** *(22 11 16)*		
		Note: Aboveground, domestic water usage.		
22 11 16 00-1403		**Cross-Linked Polyethylene Tubing** *(22 11 16 00-1402)*		
22 11 16 00-1404	LF	3/8" Cross-Linked Polyethylene (PEX , XPE or XLPE) Tubing	5.23	
		For Work In Restricted Working Space, Add	*1.04*	
22 11 16 00-1405	LF	1/2" Cross-Linked Polyethylene (PEX , XPE or XLPE) Tubing	5.71	
		For Work In Restricted Working Space, Add	*1.12*	
22 11 16 00-1406	LF	3/4" Cross-Linked Polyethylene (PEX , XPE or XLPE) Tubing	7.64	
		For Work In Restricted Working Space, Add	*1.21*	
22 11 16 00-1407	LF	1" Cross-Linked Polyethylene (PEX , XPE or XLPE) Tubing	10.45	
		For Work In Restricted Working Space, Add	*1.28*	
22 11 16 00-1408		**Cross-Linked Polyethylene Forged Brass PEX Fittings** *(22 11 16 00-1402)*		
		Note: Aboveground, domestic water usage.		
22 11 16 00-1409		**Male Adapters** *(22 11 16 00-1408)*		
22 11 16 00-1410	EA	3/8" x 1/2", (PE x Threaded) Forged Brass Male Adapter For PEX Tubing	22.02	
		For Work In Restricted Working Space, Add	*5.38*	
22 11 16 00-1411	EA	1/2" x 1/2", (PE x Threaded) Forged Brass Male Adapter For PEX Tubing	23.70	
		For Work In Restricted Working Space, Add	*5.74*	
22 11 16 00-1412	EA	1/2" x 3/4", (PE x Threaded) Forged Brass Male Adapter For PEX Tubing	25.85	
		For Work In Restricted Working Space, Add	*6.10*	
22 11 16 00-1413	EA	3/4" x 3/4", (PE x Threaded) Forged Brass Male Adapter For PEX Tubing	27.05	
		For Work In Restricted Working Space, Add	*6.46*	
22 11 16 00-1414	EA	3/4" x 1/2", (PE x Threaded) Forged Brass Male Adapter For PEX Tubing	25.85	
		For Work In Restricted Working Space, Add	*6.10*	
22 11 16 00-1415	EA	1" x 1", (PE x Threaded) Forged Brass Male Adapter For PEX Tubing	33.65	
		For Work In Restricted Working Space, Add	*7.17*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

22 11 16 00-1416 Female Adapters *(22 11 16 00-1408)*

22 11 16 00-1417	EA	1/2" x 1/2", (PE x Threaded) Forged Brass Female Adapter For PEX Tubing	24.18	
		For Work In Restricted Working Space, Add	*5.74*	
22 11 16 00-1418	EA	1/2" x 3/4", (PE x Threaded) Forged Brass Female Adapter For PEX Tubing	27.16	
		For Work In Restricted Working Space, Add	*6.10*	
22 11 16 00-1419	EA	3/4" x 3/4", (PE x Threaded) Forged Brass Female Adapter For PEX Tubing	28.36	
		For Work In Restricted Working Space, Add	*6.46*	
22 11 16 00-1420	EA	3/4" x 1/2", (PE x Threaded) Forged Brass Female Adapter For PEX Tubing	27.16	
		For Work In Restricted Working Space, Add	*6.10*	
22 11 16 00-1421	EA	1" x 1", (PE x Threaded) Forged Brass Female Adapter For PEX Tubing	34.25	
		For Work In Restricted Working Space, Add	*7.17*	

22 11 16 00-1422 Tube Adapters *(22 11 16 00-1408)*

22 11 16 00-1423	EA	3/8" x 1/2" Forged Brass Tube Adapter For PEX Tubing	20.08	
		For Work In Restricted Working Space, Add	*5.38*	
22 11 16 00-1424	EA	1/2" Forged Brass Tube Adapter For PEX Tubing	21.28	
		For Work In Restricted Working Space, Add	*5.74*	
22 11 16 00-1425	EA	3/4" Forged Brass Tube Adapter For PEX Tubing	25.50	
		For Work In Restricted Working Space, Add	*6.46*	
22 11 16 00-1426	EA	1" Forged Brass Tube Adapter For PEX Tubing	32.43	
		For Work In Restricted Working Space, Add	*7.17*	

22 11 16 00-1427 Plugs *(22 11 16 00-1408)*

22 11 16 00-1428	EA	3/8" Forged Brass Plug For PEX Tubing	10.04	
		For Work In Restricted Working Space, Add	*2.51*	
22 11 16 00-1429	EA	1/2" Forged Brass Plug For PEX Tubing	11.23	
		For Work In Restricted Working Space, Add	*2.87*	
22 11 16 00-1430	EA	3/4" Forged Brass Plug For PEX Tubing	12.91	
		For Work In Restricted Working Space, Add	*3.23*	
22 11 16 00-1431	EA	1" Forged Brass Plug For PEX Tubing	15.94	
		For Work In Restricted Working Space, Add	*3.59*	

22 11 16 00-1432 Tees *(22 11 16 00-1408)*

22 11 16 00-1433	EA	3/8" Forged Brass Tee For PEX Tubing	28.61	
		For Work In Restricted Working Space, Add	*7.53*	
22 11 16 00-1434	EA	1/2" Forged Brass Tee For PEX Tubing	32.19	
		For Work In Restricted Working Space, Add	*8.61*	
22 11 16 00-1435	EA	3/4" Forged Brass Tee For PEX Tubing	38.17	
		For Work In Restricted Working Space, Add	*9.68*	
22 11 16 00-1436	EA	1" Forged Brass Tee For PEX Tubing	48.48	
		For Work In Restricted Working Space, Add	*10.76*	
22 11 16 00-1437	EA	1/2" Forged Brass Reducing Tee For PEX Tubing	31.00	
		For Work In Restricted Working Space, Add	*8.25*	
22 11 16 00-1438	EA	3/4" Forged Brass Reducing Tee For PEX Tubing	35.78	
		For Work In Restricted Working Space, Add	*8.97*	
22 11 16 00-1439	EA	1" Forged Brass Reducing Tee For PEX Tubing	43.94	
		For Work In Restricted Working Space, Add	*9.68*	

22 11 16 00-1440 Couplings *(22 11 16 00-1408)*

22 11 16 00-1441	EA	3/8" Forged Brass Coupling For PEX Tubing	18.53	
		For Work In Restricted Working Space, Add	*5.02*	
22 11 16 00-1442	EA	1/2" Forged Brass Coupling For PEX Tubing	21.04	
		For Work In Restricted Working Space, Add	*5.74*	
22 11 16 00-1443	EA	3/4" Forged Brass Coupling For PEX Tubing	24.03	
		For Work In Restricted Working Space, Add	*6.46*	
22 11 16 00-1444	EA	1" Forged Brass Coupling For PEX Tubing	29.20	
		For Work In Restricted Working Space, Add	*7.17*	
22 11 16 00-1445	EA	3/4" x 1/2" Forged Brass Reducing Coupling For PEX Tubing	22.83	
		For Work In Restricted Working Space, Add	*6.10*	
22 11 16 00-1446	EA	1" x 3/4" Forged Brass Reducing Coupling For PEX Tubing	28.01	
		For Work In Restricted Working Space, Add	*6.82*	

22 11 16 00-1447 Fitting Reducers *(22 11 16 00-1408)*

22 11 16 00-1448	EA	3/8" x 1/2" Forged Brass Fitting Reducer For PEX Tubing	20.44	
		For Work In Restricted Working Space, Add	*5.38*	
22 11 16 00-1449	EA	1/2" Forged Brass Fitting Reducer For PEX Tubing	21.64	
		For Work In Restricted Working Space, Add	*5.74*	
22 11 16 00-1450	EA	3/4" Forged Brass Fitting Reducer For PEX Tubing	26.21	
		For Work In Restricted Working Space, Add	*6.46*	
22 11 16 00-1451	EA	1" Forged Brass Fitting Reducer For PEX Tubing	36.52	
		For Work In Restricted Working Space, Add	*7.17*	

22 11 16 00-1452 90 Degree Elbows *(22 11 16 00-1408)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-1453	EA	3/8" Forged Brass 90 Degree Elbow For PEX Tubing	19.61	
		For Work In Restricted Working Space, Add	*5.02*	
22 11 16 00-1454	EA	1/2" Forged Brass 90 Degree Elbow For PEX Tubing	22.00	
		For Work In Restricted Working Space, Add	*5.74*	
22 11 16 00-1455	EA	3/4" Forged Brass 90 Degree Elbow For PEX Tubing	26.21	
		For Work In Restricted Working Space, Add	*6.46*	
22 11 16 00-1456	EA	3/4" x 1/2" Forged Brass 90 Degree Elbow For PEX Tubing	25.01	
		For Work In Restricted Working Space, Add	*6.10*	
22 11 16 00-1457	EA	1/2" Drop 90 Degree Elbow For PEX Tubing	29.47	
		For Work In Restricted Working Space, Add	*5.74*	
22 11 16 00-1458	EA	3/4" Forged Brass Drop 90 Degree Elbow For PEX Tubing	32.94	
		For Work In Restricted Working Space, Add	*6.46*	
22 11 16 00-1459	EA	3/4" x 1/2" Forged Brass Drop 90 Degree Elbow For PEX Tubing	31.74	
		For Work In Restricted Working Space, Add	*6.10*	

22 11 19 Domestic Water Piping Specialties *(22 11)*

22 11 19 00-0001 Rubber Hose And Clamps *(22 11 19)*

22 11 19 00-0002 General Purpose Hose *(22 11 19 00-0001)*

Note: For medium pressure (up to 200/250 psi) applications requiring excellent resistance to air, oil and heat.

22 11 19 00-0003	LF	3/8" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp	8.00	2.38
22 11 19 00-0004	LF	1/2" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp	9.44	2.38
22 11 19 00-0005	LF	5/8" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp	11.59	2.38
22 11 19 00-0006	LF	3/4" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp	11.70	2.38
22 11 19 00-0007	LF	1" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp	16.05	3.57
22 11 19 00-0008	LF	1-1/4" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp	26.75	3.57
22 11 19 00-0009	LF	1-1/2" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp	29.08	4.76
22 11 19 00-0010	LF	2" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp	56.09	4.76

22 11 19 00-0011 Reinfored EPDM Water Hose Assembly *(22 11 19 00-0001)*

Note: Includes male/female camlock, 150 psi, synthetic fiber with steel wire helix reinforcement.

22 11 19 00-0012	LF	1-1/2" Inside Diameter, Ethylene Propylene Diene Monomer (EPDM) Rubber Hose, Male/Female Camlocks, Synthetic Fiber With Steel Wire Helix Reinforcement	74.63	4.76
22 11 19 00-0013	LF	2" Inside Diameter, Ethylene Propylene Diene Monomer (EPDM) Rubber Hose, Male/Female Camlocks, Synthetic Fiber With Steel Wire Helix Reinforcement	88.10	4.76
22 11 19 00-0014	LF	3" Inside Diameter, Ethylene Propylene Diene Monomer (EPDM) Rubber Hose, Male/Female Camlocks, Synthetic Fiber With Steel Wire Helix Reinforcement	123.88	5.85
22 11 19 00-0015	LF	4" Inside Diameter, Ethylene Propylene Diene Monomer (EPDM) Rubber Hose, Male/Female Camlocks, Synthetic Fiber With Steel Wire Helix Reinforcement	174.13	7.91

22 11 19 00-0016 Chemical Resistant Rubber Hoses *(22 11 19 00-0001)*

22 11 19 00-0017	EA	50' x 6" Brown Gum Rubber, Chemical Resistant Flexible Hose	1,343.68	295.27
22 11 19 00-0018	EA	50' x 6" Nitrile Rubber, Low pH Resistance, Flexible Hose	1,837.13	295.27

22 11 19 00-0019 Water Pump Hose *(22 11 19 00-0001)*

22 11 19 00-0020	EA	2" Inside Diameter, 20' Rubber Discharge Hose	630.63	72.67
22 11 19 00-0021	EA	2" Inside Diameter, 20' Rubber Intake Hose	668.17	72.67

22 11 19 00-0022 Barbed Hose x Threaded Male Pipe, Steel Coupling *(22 11 19 00-0001)*

22 11 19 00-0023	EA	3/8" Inside Diameter Barbed Hose x 1/2" Threaded Male Pipe, Steel Coupling	29.87	9.99
22 11 19 00-0024	EA	1/2" Inside Diameter Barbed Hose x 1/2" Threaded Male Pipe, Steel Coupling	31.68	10.71
22 11 19 00-0025	EA	5/8" Inside Diameter Barbed Hose x 3/4" Threaded Male Pipe, Steel Coupling	33.92	11.42
22 11 19 00-0026	EA	3/4" Inside Diameter Barbed Hose x 3/4" Threaded Male Pipe, Steel Coupling	38.57	12.84
22 11 19 00-0027	EA	1" Inside Diameter Barbed Hose x 1" Threaded Male Pipe, Steel Coupling	46.13	15.70
22 11 19 00-0028	EA	1-1/4" Inside Diameter Barbed Hose x 1-1/4" Threaded Male Pipe, Steel Coupling	54.63	18.79
22 11 19 00-0029	EA	1-1/2" Inside Diameter Barbed Hose x 1-1/2" Threaded Male Pipe, Steel Coupling	70.36	24.73
22 11 19 00-0030	EA	2" Inside Diameter Barbed Hose x 2" Threaded Male Pipe, Steel Coupling	88.59	30.92

22 11 19 00-0031 Worm-Drive Hose Clamp *(22 11 19 00-0001)*

22 11 19 00-0032	EA	3/8" To 1" Diameter Worm Drive Hose Clamp	12.67	3.57
22 11 19 00-0033	EA	1/2" To 1-1/6" Diameter Worm Drive Hose Clamp	13.39	3.57
22 11 19 00-0034	EA	5/8" To 1-1/2" Diameter Worm Drive Hose Clamp	14.17	3.57
22 11 19 00-0035	EA	3/4" To 2" Diameter Worm Drive Hose Clamp	15.08	3.57
22 11 19 00-0036	EA	1" To 2-1/2" Diameter Worm Drive Hose Clamp	16.11	3.57
22 11 19 00-0037	EA	1-1/4" To 2-3/4" Diameter Worm Drive Hose Clamp	17.45	4.76
22 11 19 00-0038	EA	1-1/2" To 3" Diameter Worm Drive Hose Clamp	18.83	4.76

22 11 19 00-0039 Trap Primer And Accessories *(22 11 19)*

22 11 19 00-0040 Trap Primer *(22 11 19 00-0039)*

22 11 19 00-0041	EA	1/2" Inlet/Outlet, Flow Through Automatic Trap Primer (JR Smith 2699)	339.92	17.93
22 11 19 00-0042	EA	1/2" Inlet/Outlet, Automatic Trap Primer, Up To Two Floor Drains (PPP PR-500)	208.03	11.96
22 11 19 00-0043	EA	1/2" Inlet/Outlet, Automatic Trap Primer, Up To Four Floor Drains (PPP PO-500)	201.30	11.96

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0044		**Trap Primer Distribution Unit** *(22 11 19 00-0039)*		
22 11 19 00-0045	EA	Molded Plastic Four Opening Trap Primer Distribution Unit (PPP DU-U) Note: Can be used for two, three or four drains.	168.07	23.91
22 11 19 00-0046	EA	Copper Four Opening Trap Primer Distribution Unit (PPP DU-4) Note: Can be used for two, three or four drains.	186.20	23.91
22 11 19 00-0047		**Trap Primer Manifold** *(22 11 19 00-0039)*		
22 11 19 00-0048	EA	Two Outlet Trap Primer Manifold	271.99	32.16
22 11 19 00-0049	EA	Four Outlet Trap Primer Manifold	414.53	36.58
22 11 19 00-0050	EA	Six Outlet Trap Primer Manifold	554.27	38.74
22 11 19 00-0051	EA	Eight Outlet Trap Primer Manifold	698.11	45.43
22 11 19 00-0052		**Sewage Air Release Valves** *(22 11 19)*		
22 11 19 00-0053		**Cast Iron, Sewage Air Release Valves** *(22 11 19 00-0052)* Note: Stainless steel float.		
22 11 19 00-0054	EA	2" x 1/2" NPT, Cast Iron, Sewage Air Release Valve (Apco 400)	979.05	43.66
		For Back Flush Attachment, Add	*650.00*	
22 11 19 00-0055	EA	3" x 1/2" NPT, Cast Iron, Sewage Air Release Valve (Apco 400)	1,202.20	72.96
		For Back Flush Attachment, Add	*650.00*	
22 11 19 00-0056	EA	4" x 1/2" NPT, Cast Iron, Sewage Air Release Valve (Apco 400)	1,524.46	92.10
		For Back Flush Attachment, Add	*650.00*	
22 11 19 00-0057		**Cast Iron, Sewage Air Vacuum Valves** *(22 11 19 00-0052)* Note: Stainless steel float.		
22 11 19 00-0058	EA	2" x 1" NPT, Cast Iron, Sewage Air Vacuum Valve (Apco 401)	1,000.29	43.66
		For Back Flush Attachment, Add	*650.00*	
22 11 19 00-0059	EA	2" x 2" NPT, Cast Iron, Sewage Air Vacuum Valve (Apco 402)	1,961.03	43.66
		For Back Flush Attachment, Add	*650.00*	
22 11 19 00-0060	EA	3" x 2" NPT, Cast Iron, Sewage Air Vacuum Valve (Apco 403)	2,354.04	72.96
		For Back Flush Attachment, Add	*650.00*	
22 11 19 00-0061	EA	4" NPT x 4" With Hood, Cast Iron, Sewage Air Vacuum Valve (Apco 404)	3,485.77	92.10
22 11 19 00-0062		**Cast Iron, Sewage Combination Air Valves** *(22 11 19 00-0052)* Note: Stainless steel float.		
22 11 19 00-0063	EA	2" x 1" NPT, Sewage Combination Air Valve (Apco 443)	2,136.20	43.66
22 11 19 00-0064	EA	2" x 2" NPT, Sewage Combination Air Valve (Apco 445)	2,945.67	43.66
22 11 19 00-0065	EA	3" x 3" NPT, Sewage Combination Air Valve (Apco 447)	3,447.49	72.96
22 11 19 00-0066	EA	4" x 4" NPT, Sewage Combination Air Valve (Apco 449)	4,215.62	92.10
22 11 19 00-0067		**Brass, Anti Siphon Vacuum Breakers** *(22 11 19)* Note: Watts 288A		
22 11 19 00-0068	EA	1/2" Brass, Anti Siphon Vacuum Breaker	117.18	29.89
22 11 19 00-0069	EA	3/4" Brass, Anti Siphon Vacuum Breaker	134.95	33.47
22 11 19 00-0070	EA	1" Brass, Anti Siphon Vacuum Breaker	285.06	38.25
22 11 19 00-0071	EA	1-1/4" Brass, Anti Siphon Vacuum Breaker	458.10	44.23
22 11 19 00-0072	EA	1-1/2" Brass, Anti Siphon Vacuum Breaker	547.50	49.01
22 11 19 00-0073	EA	2" Brass, Anti Siphon Vacuum Breaker	804.96	59.78
22 11 19 00-0074	EA	2-1/2" Brass, Anti Siphon Vacuum Breaker	2,133.79	74.73
22 11 19 00-0075		**Anti Siphon Pressure Vacuum Breakers** *(22 11 19)* Note: Watts 800M4QT		
22 11 19 00-0076	EA	1/2" Anti Siphon Pressure Type Vacuum Breaker	360.31	29.89
22 11 19 00-0077	EA	3/4" Anti Siphon Pressure Type Vacuum Breaker	313.01	33.47
22 11 19 00-0078	EA	1" Anti Siphon Pressure Type Vacuum Breaker	450.43	38.25
22 11 19 00-0079	EA	1-1/4" Anti Siphon Pressure Type Vacuum Breaker	821.92	44.23
22 11 19 00-0080	EA	1-1/2" Anti Siphon Pressure Type Vacuum Breaker	1,001.53	49.01
22 11 19 00-0081	EA	2" Anti Siphon Pressure Type Vacuum Breaker	1,008.34	59.78
22 11 19 00-0082		**Bellows Type Water Hammer Arrestors** *(22 11 19)*		
22 11 19 00-0083	EA	Up To 11 Fixture Unit Capacity, 3/4" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5005)	276.10	14.29
22 11 19 00-0084	EA	>11 To 32 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5010)	539.09	17.30
22 11 19 00-0085	EA	>32 To 60 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5020)	787.93	17.30
22 11 19 00-0086	EA	>60 To 113 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5030)	1,923.97	17.30
22 11 19 00-0087	EA	>113 To 154 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5040)	2,160.98	17.30
22 11 19 00-0088	EA	>154 To 330 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5050)	2,648.28	17.30

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0089		Piston Type Water Hammer Arrestors *(22 11 19)*		
22 11 19 00-0090		Threaded Piston Type Water Hammer Arrestors *(22 11 19 00-0089)*		
22 11 19 00-0091	EA	Up To 11 Fixture Unit Capacity, 1/2" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-A)	201.83	7.97
22 11 19 00-0092	EA	>11 To 32 Fixture Unit Capacity, 3/4" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-B)	390.17	9.19
22 11 19 00-0093	EA	>32 To 60 Fixture Unit Capacity, 1" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-C)	581.35	9.97
22 11 19 00-0094	EA	>60 To 113 Fixture Unit Capacity, 1-1/4" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-D)	1,434.94	12.86
22 11 19 00-0095	EA	>113 To 154 Fixture Unit Capacity, 1-1/2" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-E)	1,747.58	15.94
22 11 19 00-0096	EA	>154 To 330 Fixture Unit Capacity, 2" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-F)	1,988.96	17.30
22 11 19 00-0097		Escutcheons *(22 11 19)*		
22 11 19 00-0098		Brass Escutcheons *(22 11 19 00-0097)*		
22 11 19 00-0099		Shallow Brass Escutcheons *(22 11 19 00-0098)*		
22 11 19 00-0100	EA	3/8" IPS, Antique Or Polished Brass Shallow Escutcheon	13.53	2.99
22 11 19 00-0101	EA	1/2" IPS, Antique Or Polished Brass Shallow Escutcheon	14.58	2.99
22 11 19 00-0102		Deep Bell Brass Escutcheons *(22 11 19 00-0098)*		
22 11 19 00-0103	EA	3/8" IPS, Antique Or Polished Deep Bell Brass Escutcheon	15.95	3.35
22 11 19 00-0104	EA	1/2" IPS, Antique Or Polished Deep Bell Brass Escutcheon	15.99	3.35
22 11 19 00-0105		Chrome Plated Brass Escutcheons With Setscrew *(22 11 19 00-0098)*		
22 11 19 00-0106	EA	3/8" IPS, Chrome Plated Brass Escutcheon With Setscrew	23.64	2.99
22 11 19 00-0107	EA	1/2" IPS, Chrome Plated Brass Escutcheon With Setscrew	23.89	2.99
22 11 19 00-0108	EA	5/8" IPS, Chrome Plated Brass Escutcheon With Setscrew	24.26	2.99
22 11 19 00-0109	EA	3/4" IPS, Chrome Plated Brass Escutcheon With Setscrew	25.62	2.99
22 11 19 00-0110	EA	7/8" IPS, Chrome Plated Brass Escutcheon With Setscrew	26.01	3.58
22 11 19 00-0111	EA	1" IPS, Chrome Plated Brass Escutcheon With Setscrew	27.34	3.58
22 11 19 00-0112	EA	1-1/4" IPS, Chrome Plated Brass Escutcheon With Setscrew	28.30	3.95
22 11 19 00-0113	EA	1-1/2" IPS, Chrome Plated Brass Escutcheon With Setscrew	29.58	4.19
22 11 19 00-0114	EA	2" IPS, Chrome Plated Brass Escutcheon With Setscrew	42.61	4.78
22 11 19 00-0115		Plastic Escutcheons *(22 11 19 00-0097)*		
22 11 19 00-0116		Split-Ring White Plastic Escutcheons *(22 11 19 00-0115)*		
22 11 19 00-0117	EA	3/8" IPS, Split-Ring White Plastic Escutcheon	7.45	2.97
22 11 19 00-0118	EA	1/2" IPS, Split-Ring White Plastic Escutcheon	7.45	2.97
22 11 19 00-0119	EA	3/4" IPS, Split-Ring White Plastic Escutcheon	8.74	3.33
22 11 19 00-0120	EA	1" IPS, Split-Ring White Plastic Escutcheon	9.47	3.57
22 11 19 00-0121	EA	1-1/4" IPS, Split-Ring White Plastic Escutcheon	10.19	3.93
22 11 19 00-0122	EA	1-1/2" IPS, Split-Ring White Plastic Escutcheon	10.88	4.17
22 11 19 00-0123	EA	2" IPS, Split-Ring White Plastic Escutcheon	12.24	4.76
22 11 19 00-0124	EA	2-1/2" IPS, Split-Ring White Plastic Escutcheon	15.98	5.11
22 11 19 00-0125	EA	3" IPS, Split-Ring White Plastic Escutcheon	19.72	5.35
22 11 19 00-0126	EA	4" IPS, Split-Ring White Plastic Escutcheon	24.03	5.95
22 11 19 00-0127		Chrome Plate Plastic Escutcheons *(22 11 19 00-0115)*		
22 11 19 00-0128	EA	1/2" IPS, Chrome Plate Plastic Escutcheon	10.02	2.97
22 11 19 00-0129	EA	3/4" IPS, Chrome Plate Plastic Escutcheon	10.94	3.33
22 11 19 00-0130	EA	1" IPS, Chrome Plate Plastic Escutcheon	12.31	3.57
22 11 19 00-0131	EA	1-1/4" IPS, Chrome Plate Plastic Escutcheon	13.67	3.93
22 11 19 00-0132	EA	1-1/2" IPS, Chrome Plate Plastic Escutcheon	14.38	4.17
22 11 19 00-0133	EA	2" IPS, Chrome Plate Plastic Escutcheon	18.20	4.76
22 11 19 00-0134	EA	2-1/2" IPS, Chrome Plate Plastic Escutcheon	26.72	5.11
22 11 19 00-0135	EA	3" IPS, Chrome Plate Plastic Escutcheon	27.65	5.35
22 11 19 00-0136	EA	4" IPS, Chrome Plate Plastic Escutcheon	29.49	5.95
22 11 19 00-0137		Stainless Steel Escutcheons *(22 11 19 00-0097)*		
22 11 19 00-0138		Shallow Stainless Steel Escutcheons *(22 11 19 00-0137)*		
22 11 19 00-0139	EA	3/8" IPS, Shallow Stainless Steel Escutcheon	19.10	2.99
22 11 19 00-0140	EA	1/2" IPS, Shallow Stainless Steel Escutcheon	19.10	2.99
22 11 19 00-0141	EA	3/4" IPS, Shallow Stainless Steel Escutcheon	27.32	3.35
22 11 19 00-0142		Chrome Plated Steel Escutcheons *(22 11 19 00-0097)*		

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0143		**Split-Ring Chrome Plated Steel Escutcheons** *(22 11 19 00-0142)*		
22 11 19 00-0144	EA	1/2" IPS, Split-Ring Chrome Plated Steel Escutcheon	6.72	2.97
22 11 19 00-0145	EA	3/4" IPS, Split-Ring Chrome Plated Steel Escutcheon	7.31	3.33
22 11 19 00-0146	EA	1" IPS, Split-Ring Chrome Plated Steel Escutcheon	8.06	3.57
22 11 19 00-0147	EA	1-1/4" IPS, Split-Ring Chrome Plated Steel Escutcheon	8.65	3.93
22 11 19 00-0148	EA	1-1/2" IPS, Split-Ring Chrome Plated Steel Escutcheon	9.25	4.17
22 11 19 00-0149	EA	2" IPS, Split-Ring Chrome Plated Steel Escutcheon	10.66	4.76
22 11 19 00-0150	EA	2-1/2" IPS, Split-Ring Chrome Plated Steel Escutcheon	16.45	5.11
22 11 19 00-0151	EA	3" IPS, Split-Ring Chrome Plated Steel Escutcheon	17.47	5.35
22 11 19 00-0152	EA	3-1/2" IPS, Split-Ring Chrome Plated Steel Escutcheon	21.68	5.70
22 11 19 00-0153	EA	4" IPS, Split-Ring Chrome Plated Steel Escutcheon	19.03	5.95
22 11 19 00-0154	EA	5" IPS, Split-Ring Chrome Plated Steel Escutcheon	24.75	6.54
22 11 19 00-0155	EA	6" IPS, Split-Ring Chrome Plated Steel Escutcheon	28.95	7.14
22 11 19 00-0156		**Split-Ring/Springs Chrome Plated Steel Escutcheons** *(22 11 19 00-0142)*		
22 11 19 00-0157	EA	3/8" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	11.07	2.97
22 11 19 00-0158	EA	1/2" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	11.07	2.97
22 11 19 00-0159	EA	3/4" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	11.82	3.33
22 11 19 00-0160	EA	1" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	12.62	3.57
22 11 19 00-0161	EA	1-1/4" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	14.15	3.93
22 11 19 00-0162	EA	1-1/2" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	14.96	4.17
22 11 19 00-0163	EA	2" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	17.76	4.76
22 11 19 00-0164	EA	2-1/2" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	20.51	5.11
22 11 19 00-0165	EA	3" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	25.21	5.35
22 11 19 00-0166	EA	3-1/2" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	31.14	5.70
22 11 19 00-0167	EA	4" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	31.57	5.95
22 11 19 00-0168	EA	5" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	52.71	6.54
22 11 19 00-0169	EA	6" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	54.97	7.14
22 11 19 00-0170		**Deep Bell Chrome Plated Steel Escutcheons** *(22 11 19 00-0142)*		
22 11 19 00-0171	EA	3/8" IPS, Deep Bell Chrome Plated Steel Escutcheon	8.27	3.35
22 11 19 00-0172	EA	1/2" IPS, Deep Bell Chrome Plated Steel Escutcheon	8.15	3.35
22 11 19 00-0173	EA	3/4" IPS, Deep Bell Chrome Plated Steel Escutcheon	7.88	3.35
22 11 19 00-0174	EA	1" IPS, Deep Bell Chrome Plated Steel Escutcheon	8.80	3.58
22 11 19 00-0175	EA	1-1/4" IPS, Deep Bell Chrome Plated Steel Escutcheon	9.55	3.95
22 11 19 00-0176	EA	1-1/2" IPS, Deep Bell Chrome Plated Steel Escutcheon	10.52	4.19
22 11 19 00-0177		**Shallow Chrome Plated Steel Escutcheons** *(22 11 19 00-0142)*		
22 11 19 00-0178	EA	3/8" IPS, Shallow Chrome Plated Steel Escutcheon	7.37	2.99
22 11 19 00-0179	EA	1/2" IPS, Shallow Chrome Plated Steel Escutcheon	7.37	2.99
22 11 19 00-0180	EA	3/4" IPS, Shallow Chrome Plated Steel Escutcheon	7.50	2.99
22 11 19 00-0181	EA	1" IPS, Shallow Chrome Plated Steel Escutcheon	8.04	3.58
22 11 19 00-0182	EA	1-1/4" IPS, Shallow Chrome Plated Steel Escutcheon	8.69	3.95
22 11 19 00-0183	EA	1-1/2" IPS, Shallow Chrome Plated Steel Escutcheon	9.65	4.19
22 11 19 00-0184	EA	2" IPS, Shallow Chrome Plated Steel Escutcheon	10.93	4.78
22 11 19 00-0185		**Wall Hydrants** *(22 11 19)* Note: Female inlet connection, 3/4" hose thread outlet.		
22 11 19 00-0186		**Cast Bronze, Non-Freeze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrants** *(22 11 19 00-0185)* Note: 3/4" HPT outlet. 3/4" NPT female and 1" NPT male inlet connection. Includes wall clamp.		
22 11 19 00-0187	EA	6" Thick Wall, Cast Bronze, Non-Freeze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrant	787.09	29.89
		For 1" NPT Outlet, Add	*93.91*	
		For Cast Bronze Box, Add	*39.84*	
22 11 19 00-0188	EA	12" Thick Wall, Cast Bronze, Non-Freeze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrant	830.50	35.87
		For 1" NPT Outlet, Add	*93.91*	
		For Cast Bronze Box, Add	*39.84*	
22 11 19 00-0189	EA	18" Thick Wall, Cast Bronze, Non-Freeze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrant	854.99	43.16
		For 1" NPT Outlet, Add	*93.91*	
		For Cast Bronze Box, Add	*39.84*	
22 11 19 00-0190		**Cast Bronze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrants** *(22 11 19 00-0185)* Note: 3/4" HPT outlet. 3/4" NPT female and 1" NPT male inlet connection. Includes wall clamp.		
22 11 19 00-0191	EA	Cast Bronze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrant	798.45	50.21
		For 1" NPT Outlet, Add	*93.91*	
		For Cast Bronze Box, Add	*39.84*	
22 11 19 00-0192		**Cast Bronze Non-Freezing Wall Hydrant** *(22 11 19 00-0185)* Note: 3/4" HPT outlet. 3/4" NPT female and 1" NPT male inlet connection. Includes wall clamp.		
22 11 19 00-0193	EA	3" Thick Wall, Cast Bronze, Non-Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	433.61	37.07
		For 1" NPT Outlet, Add	*93.91*	
22 11 19 00-0194	EA	4" Thick Wall, Cast Bronze, Non-Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	534.50	37.07
		For 1" NPT Outlet, Add	*93.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0195	EA	6" Thick Wall, Cast Bronze, Non-Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	534.50	37.07
		For 1" NPT Outlet, Add	*93.91*	
22 11 19 00-0196	EA	8" Thick Wall, Cast Bronze, Non-Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	534.50	37.07
		For 1" NPT Outlet, Add	*93.91*	
22 11 19 00-0197	EA	10" Thick Wall, Cast Bronze, Non-Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	557.98	74.73
		For 1" NPT Outlet, Add	*93.91*	
22 11 19 00-0198	EA	12" Thick Wall, Cast Bronze, Non-Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	557.98	74.73
		For 1" NPT Outlet, Add	*93.91*	
22 11 19 00-0199	EA	18" Thick Wall, Cast Bronze, Non-Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	628.21	74.73
		For 1" NPT Outlet, Add	*93.91*	
22 11 19 00-0200		**Stainless Steel Box Type Wall Hydrants** *(22 11 19 00-0185)*		
		Note: With 3/4" NPT female and 3/4" NPT male inlet connection.		
22 11 19 00-0201	EA	Recessed Stainless Steel Hose Box With Wall Flange Less Door (Acorn 8140)	395.61	29.89
22 11 19 00-0202	EA	Recessed Stainless Steel Hose Box With Vacuum Breaker, Wall Flange Less Door (Acorn 8141)	430.81	29.89
22 11 19 00-0203	EA	Recessed Stainless Steel Hose Box With Wall Flange And Door (Acorn 8150)	435.61	29.89
22 11 19 00-0204	EA	Recessed Stainless Steel Hose Box With Vacuum Breaker, Wall Flange And Door (Acorn 8151)	488.41	29.89
22 11 19 00-0205	EA	Recessed Stainless Steel Hose Box With Wall Flange Less Door (Acorn 8145) Note: Includes hot and cold hose connections.	685.92	41.85
22 11 19 00-0206	EA	Recessed Stainless Steel Hose Box With Vacuum Breaker, Wall Flange Less Door (Acorn 8146) Note: Includes hot and cold hose connections.	706.71	41.85
22 11 19 00-0207	EA	Recessed Stainless Steel Hose Box With Wall Flange And Door (Acorn 8155) Note: Includes hot and cold hose connections.	706.71	41.85
22 11 19 00-0208	EA	Recessed Stainless Steel Hose Box With Vacuum Breaker, Wall Flange And Door (Acorn 8156) Note: Includes hot and cold hose connections.	756.31	41.85
22 11 19 00-0209		**Washer Boxes And Dryer Outlets** *(22 11 19)*		
22 11 19 00-0210		**Dryer Vent Kit** *(22 11 19 00-0209)*		
		Note: Includes 4" flexible tubing plastic hood clamps and tailpipe.		
22 11 19 00-0211	EA	Dryer Vent Kit With Hood, 4" x 5' Flexible Vent And Clamps	83.92	15.54
22 11 19 00-0212		**Washer Boxes And Dryer Vents** *(22 11 19 00-0209)*		
		Note: Includes 1/2" supply valves and mounting brackets.		
22 11 19 00-0213	EA	2" Washing Machine Outlet Box, Plastic, Two 1/2" Supply Valves	294.71	23.91
22 11 19 00-0214		**Ice Maker Outlet Box** *(22 11 19)*		
		Note: Includes one 1/2" quarter turn ball valve and connections wall mount.		
22 11 19 00-0215	EA	Plastic Ice Maker Outlet Box, 1/2" Quarter Turn Ball Valve, Wall Mount	157.81	23.91
22 11 19 00-0216	EA	Plastic Ice Maker Outlet Box, 1/2" Quarter Turn Ball Valve With Water Hammer Arrestor, Wall Mount	160.85	23.91
22 11 19 00-0217	EA	Steel Ice Maker Outlet Box, 1/2" Quarter Turn Ball Valve, Wall Mount	240.06	23.91
22 11 19 00-0218		**Tempering Controllers For Potable Hot Water** *(22 11 19)*		
22 11 19 00-0219		**Point-Of-Use Thermostatic Mixing Valves (Bradley)** *(22 11 19 00-0218)*		
		Note: Point-of-Use Water Tempering Valves: ASSE 1016, or 1070, with piston-control mechanism, positive shutoff of hot water when cold water supply is lost, bronze body and cap with replaceable corrosion-resistant components, including stainless steel piston and liner.		
22 11 19 00-0220	EA	1/2" Inlets, 1/2" Outlet Sink/Faucet Point-Of-Use Thermostatic Mixing Valve (Bradley S59-2007)	590.96	28.94
22 11 19 00-0221	EA	1/2" Inlets, 1/2" Outlet Point-Of-Use Thermostatic Mixing Valve (Bradley S59-4004)	145.84	28.94
22 11 19 00-0222	EA	1/2" Inlets, 1/2" Outlet Point-Of-Use Thermostatic Mixing Valve (Bradley S59-4008)	331.80	28.94
22 11 19 00-0223	EA	3/4" Inlets, 3/4" Outlet Point-Of-Use Thermostatic Mixing Valve (Bradley S59-4016)	378.74	38.99
22 11 19 00-0224		**Thermostatic Mixing Valves (Bradley)** *(22 11 19 00-0218)*		
		Note: Standard Thermostatic, Water Mixing Valves: ASSE 1017, liquid-filled motor and piston control mechanism with positive shutoff of hot water when coldwater supply is lost. Water flow is shut off in event of thermostat failure. Bronze valve body and cap with replaceable corrosion-resistant components, including stainless steel piston and liner. Equipped with integral check stops and removable strainers.		
22 11 19 00-0225	EA	3/4" Inlets, 3/4" Outlet, 25 GPM Thermostatic Mixing Valve (Bradley S59-2025)	1,618.72	41.74
22 11 19 00-0226	EA	3/4" Inlets, 1" Outlet, 45 GPM Thermostatic Mixing Valve (Bradley S59-2045)	1,815.19	51.41
22 11 19 00-0227	EA	1" Inlets, 1-1/4" Outlet, 80 GPM Thermostatic Mixing Valve (Bradley S59-2080)	2,182.98	59.80
22 11 19 00-0228	EA	1-1/4" Inlets, 1-1/2" Outlet, 130 GPM Thermostatic Mixing Valve (Bradley S59-2130)	2,835.32	62.85
22 11 19 00-0229	EA	2" Inlets, 2" Outlet, 220 GPM Thermostatic Mixing Valve (Bradley S59-2200)	3,807.63	81.54
22 11 19 00-0230		**High Low Temperature Thermostatic Mixing Valves (Bradley)** *(22 11 19 00-0218)*		
		Note: High Low Temperature Thermostatic Mixing Valves: ASSE 1017, liquid-filled thermal motor and piston control mechanism with positive shutoff of hot water when cold water supply is lost, and allowing restricted cold flow in event of loss or interruption of hot water supply. Flow is shut off in the event of thermostat failure. Equipped with integral check stops, thermometer, and removable strainers.		
22 11 19 00-0231	EA	3/4" Inlets, 1" Outlet, 45 GPM High-Low Thermostatic Mixing Valve (Bradley S59-3045)	4,142.48	64.29
22 11 19 00-0232	EA	1" Inlets, 1-1/4" Outlet, 80 GPM High-Low Thermostatic Mixing Valve (Bradley S59-3080)	5,395.01	74.75
22 11 19 00-0233	EA	1-1/4" Inlets, 1-1/2" Outlet, 130 GPM High-Low Thermostatic Mixing Valve (Bradley S59-3130)	6,295.17	78.57
22 11 19 00-0234	EA	2" Inlets, 2" Outlet, 220 GPM High-Low Thermostatic Mixing Valve (Bradley S59-3200)	6,968.50	101.93

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0235		Thermostatic Mixing Valves (Leonard) *(22 11 19 00-0218)*		
		Note: Thermostatic Water Mixing Valve with Integral combination checkstops with strainers, 125 PSI (8.6 BAR) maximum operating pressure, Copper encapsulated thermostatic assembly with Teflon coated brass shuttle, Locking temperature regulating handle, Top or bottom supply/outlet connections, Integral circulation port connection		
22 11 19 00-0236	EA	3/4" In x 3/4" Out Thermostatic Mixing Valve (Leonard LV-981-RF) Note: For hot water or two pipe low pressure steam.	1,171.23	41.74
22 11 19 00-0237	EA	1" In x 1-1/4" Out Thermostatic Mixing Valve (Leonard LV-982-RF) Note: For hot water or two pipe low pressure steam.	1,378.11	51.40
22 11 19 00-0238	EA	1-1/4" In x 1-1/4" Out Thermostatic Mixing Valve (Leonard LV-983-RF) Note: For hot water or two pipe low pressure steam.	1,694.95	59.80
22 11 19 00-0239	EA	1-1/4" In x 1-1/2" Out Thermostatic Mixing Valve (Leonard LV-984-RF) Note: For hot water or two pipe low pressure steam.	2,076.14	62.87
22 11 19 00-0240	EA	2" In x 2" Out Thermostatic Mixing Valve (Leonard LV-985-RF) Note: For hot water or two pipe low pressure steam.	3,088.75	81.54
22 11 19 00-0241		Water Mixing/Self Operating Temperature Regulator *(22 11 19 00-0218)*		
		Note: Includes high rate spring, temperature adjustment screw, temperature dial and remote bulb with 8' capillary tube.		
22 11 19 00-0242	EA	3/4" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator)	3,405.89	59.78
22 11 19 00-0243	EA	1" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator)	3,604.37	75.32
22 11 19 00-0244	EA	1-1/4" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator)	3,966.82	90.86
22 11 19 00-0245	EA	1-1/2" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator)	4,363.89	106.40
22 11 19 00-0246	EA	2" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator)	5,194.82	139.88
22 11 19 00-0247	EA	2-1/2" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator)	6,141.10	159.52
22 11 19 00-0248		Thermostatic Mixing Valves (Holby) *(22 11 19 00-0218)*		
22 11 19 00-0249	EA	2-1/2" Thermostatic Mixing Valve (Holby HOLBY2500)	5,523.05	81.57
22 11 19 00-0250		Backflow Preventer Valves *(22 11 19)*		
22 11 19 00-0251		Double Check Valve Backflow Preventer Assemblies *(22 11 19 00-0250)*		
22 11 19 00-0252		Threaded Double Check Valve Assemblies *(22 11 19 00-0251)*		
22 11 19 00-0253		Double Check Valve Assemblies With Quarter Turn Shut-Offs *(22 11 19 00-0252)*		
		Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and two epoxy coated bronze body check valves (Watts 007 QT or 719 QT series).		
22 11 19 00-0254	EA	1/2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT series)	495.19	32.04
		For Owner Furnished Material, Deduct	*-415.09*	
		For Work In Restricted Working Space, Add	*24.03*	
22 11 19 00-0255	EA	3/4" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT Series)	582.18	45.43
		For Owner Furnished Material, Deduct	*-468.60*	
		For Work In Restricted Working Space, Add	*34.07*	
22 11 19 00-0256	EA	1"Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT Series)	670.36	55.48
		For Owner Furnished Material, Deduct	*-531.67*	
		For Work In Restricted Working Space, Add	*41.61*	
22 11 19 00-0257	EA	1-1/4" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT Series)	942.50	64.56
		For Owner Furnished Material, Deduct	*-781.10*	
		For Work In Restricted Working Space, Add	*48.42*	
22 11 19 00-0258	EA	1-1/2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT Series)	1,169.04	74.12
		For Owner Furnished Material, Deduct	*-984.92*	
		For Work In Restricted Working Space, Add	*55.24*	
22 11 19 00-0259	EA	2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT Series)	1,343.33	95.64
		For Owner Furnished Material, Deduct	*-1,104.22*	
		For Work In Restricted Working Space, Add	*71.73*	
22 11 19 00-0260		Double Check Valve Assemblies With Quarter Turn Shut-Offs And Strainer *(22 11 19 00-0252)*		
		Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, two epoxy coated bronze body check valves, and bronze strainer (Watts 007 QT-S or 719 QT-S series).		
22 11 19 00-0261	EA	1/2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S)	613.97	32.04
		For Owner Furnished Material, Deduct	*-533.87*	
		For Work In Restricted Working Space, Add	*24.03*	
22 11 19 00-0262	EA	3/4" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S)	756.14	45.43
		For Owner Furnished Material, Deduct	*-642.56*	
		For Work In Restricted Working Space, Add	*34.07*	
22 11 19 00-0263	EA	1" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S)	883.63	55.48
		For Owner Furnished Material, Deduct	*-744.94*	
		For Work In Restricted Working Space, Add	*41.61*	
22 11 19 00-0264	EA	1-1/4" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S)	1,246.38	64.56
		For Owner Furnished Material, Deduct	*-1,084.98*	
		For Work In Restricted Working Space, Add	*48.42*	
22 11 19 00-0265	EA	1-1/2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S)	1,526.95	74.12
		For Owner Furnished Material, Deduct	*-1,342.83*	
		For Work In Restricted Working Space, Add	*55.24*	

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22 11 19 00-0266	EA	2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S)	1,837.47	95.64
		For Owner Furnished Material, Deduct	*-1,598.36*	
		For Work In Restricted Working Space, Add	*71.73*	

22 11 19 00-0267 Flanged Double Check Valve Assemblies *(22 11 19 00-0251)*

22 11 19 00-0268 Double Check Valve Assemblies With Non-Rising Stem Shut-Offs *(22 11 19 00-0267)*

Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and two epoxy coated iron body check valves (Watts LF007 NRS series).

22 11 19 00-0269	EA	2-1/2" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF007 NRS)	6,776.87	264.21
		For Owner Furnished Material, Deduct	*-6,424.58*	
		For Work In Restricted Working Space, Add	*105.69*	
22 11 19 00-0270	EA	3" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF007 NRS)	7,445.68	297.25
		For Owner Furnished Material, Deduct	*-7,054.86*	
		For Work In Restricted Working Space, Add	*117.25*	

22 11 19 00-0271 Double Check Valve Assemblies With Outside Stem And Yoke Shut-Offs *(22 11 19 00-0267)*

Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and two epoxy coated iron body check valves (Watts LF007 OSY series).

22 11 19 00-0272	EA	2-1/2" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF007 OSY)	7,429.89	264.21
		For Owner Furnished Material, Deduct	*-7,077.60*	
		For Work In Restricted Working Space, Add	*105.69*	
22 11 19 00-0273	EA	3" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 007 OSY)	8,534.04	297.25
		For Owner Furnished Material, Deduct	*-8,143.22*	
		For Work In Restricted Working Space, Add	*117.25*	

22 11 19 00-0274 Double Check Valve Assemblies With Non-Rising Stem Shut-Offs *(22 11 19 00-0267)*

Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and two epoxy coated iron body check valves (Watts LF709 NRS series).

22 11 19 00-0275	EA	2-1/2" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF709 NRS series)	6,823.96	264.21
		For Owner Furnished Material, Deduct	*-6,471.69*	
		For Work In Restricted Working Space, Add	*105.68*	
22 11 19 00-0276	EA	3" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF709 NRS series)	5,188.32	297.25
		For Owner Furnished Material, Deduct	*-4,797.48*	
		For Work In Restricted Working Space, Add	*117.25*	
22 11 19 00-0277	EA	4" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF709 NRS series)	8,125.77	440.36
		For Owner Furnished Material, Deduct	*-7,538.93*	
		For Work In Restricted Working Space, Add	*176.05*	
22 11 19 00-0278	EA	6" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF709 NRS Series)	12,352.61	670.68
		For Owner Furnished Material, Deduct	*-11,141.06*	
		For Work In Restricted Working Space, Add	*363.47*	
22 11 19 00-0279	EA	8" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF709 NRS Series)	28,311.58	1,006.02
		For Owner Furnished Material, Deduct	*-26,493.97*	
		For Work In Restricted Working Space, Add	*545.28*	
22 11 19 00-0280	EA	10" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF709 NRS Series)	36,379.86	1,189.91
		For Owner Furnished Material, Deduct	*-34,216.38*	
		For Work In Restricted Working Space, Add	*649.04*	

22 11 19 00-0281 Double Check Valve Assemblies With Non-Rising Stem Shut-Offs And Strainer *(22 11 19 00-0267)*

Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, two epoxy coated iron body check valves, and iron body strainer (Watts 709 NRS-S series).

22 11 19 00-0282	EA	4" Flanged Double Check Valve Assembly With NRS Shut-offs And Strainer (Watts LF709 NRS-S-FDA Series)	9,504.85	440.36
		For Owner Furnished Material, Deduct	*-8,918.07*	
		For Work In Restricted Working Space, Add	*176.03*	
22 11 19 00-0283	EA	6" Flanged Double Check Valve Assembly With NRS Shut-offs And Strainer (Watts LF709 NRS-S-FDA Series)	15,818.33	670.68
		For Owner Furnished Material, Deduct	*-14,606.78*	
		For Work In Restricted Working Space, Add	*363.47*	
22 11 19 00-0284	EA	10" Flanged Double Check Valve Assembly With NRS Shut-offs And Strainer (Watts LF709 NRS-S-FDA Series)	42,292.39	1,189.91
		For Owner Furnished Material, Deduct	*-40,128.91*	
		For Work In Restricted Working Space, Add	*649.04*	

22 11 19 00-0285 Double Check Valve Assemblies With Outside Stem And Yoke Shut-Offs *(22 11 19 00-0267)*

Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and two epoxy coated iron body check valves (Watts LF709 OSY series).

22 11 19 00-0286	EA	2-1/2" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF709 OSY Series)	7,251.18	264.21
		For Owner Furnished Material, Deduct	*-6,898.91*	
		For Work In Restricted Working Space, Add	*105.68*	
22 11 19 00-0287	EA	3" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF709 OSY series)	7,967.11	297.25
		For Owner Furnished Material, Deduct	*-7,576.29*	
		For Work In Restricted Working Space, Add	*117.25*	
22 11 19 00-0288	EA	4" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF709 OSY Series)	8,626.03	440.36
		For Owner Furnished Material, Deduct	*-8,039.25*	
		For Work In Restricted Working Space, Add	*176.03*	
22 11 19 00-0289	EA	6" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF709 OSY Series)	14,479.81	670.68
		For Owner Furnished Material, Deduct	*-13,268.26*	
		For Work In Restricted Working Space, Add	*363.47*	

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22 11 19 00-0290	EA	8" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF709 OSY Series)	30,077.90	1,006.02
		For Owner Furnished Material, Deduct	*-28,260.57*	
		For Work In Restricted Working Space, Add	*545.20*	
22 11 19 00-0291	EA	10" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF709 OSY Series)	38,659.29	1,189.91
		For Owner Furnished Material, Deduct	*-36,495.81*	
		For Work In Restricted Working Space, Add	*649.04*	

22 11 19 00-0292 Double Check Valve Assemblies With Outside Stem And Yoke Shut-Offs *(22 11 19 00-0267)*

Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and single stainless steel housing and sleeve for two check valves (Watts 757 OSY series).

22 11 19 00-0293	EA	2-1/2" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY Series)	4,299.77	264.21
		For Owner Furnished Material, Deduct	*-3,947.50*	
		For Work In Restricted Working Space, Add	*105.68*	
22 11 19 00-0294	EA	3" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY Series)	4,733.30	297.25
		For Owner Furnished Material, Deduct	*-4,342.48*	
		For Work In Restricted Working Space, Add	*117.25*	
22 11 19 00-0295	EA	4" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY Series)	5,324.24	440.36
		For Owner Furnished Material, Deduct	*-4,737.46*	
		For Work In Restricted Working Space, Add	*176.03*	
22 11 19 00-0296	EA	6" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY Series)	8,619.23	670.68
		For Owner Furnished Material, Deduct	*-7,407.68*	
		For Work In Restricted Working Space, Add	*363.47*	
22 11 19 00-0297	EA	8" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY Series)	16,462.94	1,006.02
		For Owner Furnished Material, Deduct	*-14,645.61*	
		For Work In Restricted Working Space, Add	*545.20*	
22 11 19 00-0298	EA	10" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY Series)	17,835.32	1,189.91
		For Owner Furnished Material, Deduct	*-15,671.84*	
		For Work In Restricted Working Space, Add	*649.04*	

22 11 19 00-0299 N-Pattern Double Check Valve Assemblies With Outside Stem And Yoke Shut-Offs *(22 11 19 00-0267)*

Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and single stainless steel housing and sleeve for two check valves (Watts 757N OSY series).

22 11 19 00-0300	EA	2-1/2" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY Series)	5,700.43	264.21
		For Owner Furnished Material, Deduct	*-5,348.16*	
		For Work In Restricted Working Space, Add	*105.68*	
22 11 19 00-0301	EA	3" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY Series)	6,133.96	297.25
		For Owner Furnished Material, Deduct	*-5,743.14*	
		For Work In Restricted Working Space, Add	*117.25*	
22 11 19 00-0302	EA	4" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757 OSY Series)	7,664.78	440.36
		For Owner Furnished Material, Deduct	*-7,078.00*	
		For Work In Restricted Working Space, Add	*176.03*	
22 11 19 00-0303	EA	6" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY Series)	12,537.41	670.68
		For Owner Furnished Material, Deduct	*-11,325.86*	
		For Work In Restricted Working Space, Add	*363.47*	
22 11 19 00-0304	EA	8" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY Series)	22,270.08	1,006.02
		For Owner Furnished Material, Deduct	*-20,452.75*	
		For Work In Restricted Working Space, Add	*545.20*	
22 11 19 00-0305	EA	10" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY Series)	26,501.03	1,189.91
		For Owner Furnished Material, Deduct	*-24,337.55*	
		For Work In Restricted Working Space, Add	*649.04*	

22 11 19 00-0306 Double Check Valve Assemblies With Non-Rising Stem Shut-Off Valves *(22 11 19 00-0267)*

Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and single stainless steel housing and sleeve for two check valves (Watts 757 NRS series).

22 11 19 00-0307	EA	2-1/2" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS Series)	4,021.19	264.21
		For Owner Furnished Material, Deduct	*-3,668.92*	
		For Work In Restricted Working Space, Add	*105.68*	
22 11 19 00-0308	EA	3" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS Series)	4,467.38	297.25
		For Owner Furnished Material, Deduct	*-4,076.56*	
		For Work In Restricted Working Space, Add	*117.25*	
22 11 19 00-0309	EA	4" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS Series)	5,070.83	440.36
		For Owner Furnished Material, Deduct	*-4,484.05*	
		For Work In Restricted Working Space, Add	*176.03*	
22 11 19 00-0310	EA	6" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS Series)	8,420.16	670.68
		For Owner Furnished Material, Deduct	*-7,208.61*	
		For Work In Restricted Working Space, Add	*363.47*	
22 11 19 00-0311	EA	8" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS series)	16,271.09	1,006.02
		For Owner Furnished Material, Deduct	*-14,453.76*	
		For Work In Restricted Working Space, Add	*545.20*	
22 11 19 00-0312	EA	10" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS series)	18,370.97	1,189.91
		For Owner Furnished Material, Deduct	*-16,207.49*	
		For Work In Restricted Working Space, Add	*649.04*	

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22 11 19 00-0313		**N-Pattern Double Check Valve Assemblies With Non-Rising Stem Shut-Offs** *(22 11 19 00-0267)* Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and single stainless steel housing and sleeve for two check valves (Watts 757N NRS series).		
22 11 19 00-0314	EA	2-1/2" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series)	5,304.40	264.21
		For Owner Furnished Material, Deduct	*-4,952.13*	
		For Work In Restricted Working Space, Add	*105.68*	
22 11 19 00-0315	EA	3" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series)	5,737.92	297.25
		For Owner Furnished Material, Deduct	*-5,347.10*	
		For Work In Restricted Working Space, Add	*117.25*	
22 11 19 00-0316	EA	4" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series)	7,269.24	440.36
		For Owner Furnished Material, Deduct	*-6,682.46*	
		For Work In Restricted Working Space, Add	*176.03*	
22 11 19 00-0317	EA	6" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series)	12,116.12	670.68
		For Owner Furnished Material, Deduct	*-10,904.57*	
		For Work In Restricted Working Space, Add	*363.47*	
22 11 19 00-0318	EA	8" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series)	21,632.41	1,006.02
		For Owner Furnished Material, Deduct	*-19,815.08*	
		For Work In Restricted Working Space, Add	*545.20*	
22 11 19 00-0319	EA	10" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series)	25,861.49	1,189.91
		For Owner Furnished Material, Deduct	*-23,698.01*	
		For Work In Restricted Working Space, Add	*649.04*	
22 11 19 00-0320		**Double Check Valve Assemblies With Butterfly Shut-Off Valves** *(22 11 19 00-0267)* Note: Includes ball type test cocks, two resilient seated iron body butterfly valves, and single stainless steel housing and sleeve for two check valves (Watts 757 BFG series).		
22 11 19 00-0321	EA	2-1/2" Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	4,680.05	264.21
		For Owner Furnished Material, Deduct	*-4,327.78*	
		For Work In Restricted Working Space, Add	*105.68*	
22 11 19 00-0322	EA	3" Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	5,113.58	297.25
		For Owner Furnished Material, Deduct	*-4,722.76*	
		For Work In Restricted Working Space, Add	*117.25*	
22 11 19 00-0323	EA	4" Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	5,704.52	440.36
		For Owner Furnished Material, Deduct	*-5,117.74*	
		For Work In Restricted Working Space, Add	*176.03*	
22 11 19 00-0324	EA	6" Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	9,009.09	670.68
		For Owner Furnished Material, Deduct	*-7,797.54*	
		For Work In Restricted Working Space, Add	*363.47*	
22 11 19 00-0325	EA	8" Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	16,852.80	1,006.02
		For Owner Furnished Material, Deduct	*-15,035.47*	
		For Work In Restricted Working Space, Add	*545.20*	
22 11 19 00-0326		**N-Pattern Double Check Valve Assemblies With Butterfly Shut-Offs** *(22 11 19 00-0267)* Note: Includes ball type test cocks, two resilient seated iron body butterfly valves, and single stainless steel housing and sleeve for two check valves (Watts 757N BFG series).		
22 11 19 00-0327	EA	2-1/2" N-Pattern Flanged Double Check Assembly With Butterfly Valves (Watts 757 BFG series)	6,080.71	264.21
		For Owner Furnished Material, Deduct	*-5,728.44*	
		For Work In Restricted Working Space, Add	*105.68*	
22 11 19 00-0328	EA	3" N-Pattern Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	6,514.23	297.25
		For Owner Furnished Material, Deduct	*-6,123.41*	
		For Work In Restricted Working Space, Add	*117.25*	
22 11 19 00-0329	EA	4" N-Pattern Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	8,045.06	440.36
		For Owner Furnished Material, Deduct	*-7,458.28*	
		For Work In Restricted Working Space, Add	*176.03*	
22 11 19 00-0330	EA	6" N-Pattern Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	12,927.35	670.68
		For Owner Furnished Material, Deduct	*-11,715.80*	
		For Work In Restricted Working Space, Add	*363.47*	
22 11 19 00-0331	EA	8" N-Pattern Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	16,852.80	1,006.02
		For Owner Furnished Material, Deduct	*-15,035.47*	
		For Work In Restricted Working Space, Add	*545.20*	
22 11 19 00-0332		**Grooved Double Check Valve Assemblies** *(22 11 19 00-0251)*		
22 11 19 00-0333		**Double Check Valve Assemblies With Quarter Turn Shut-Offs** *(22 11 19 00-0332)* Note: Includes ball type test cocks, two quarter turn (QT) resilient seated iron body ball valves, and single stainless steel housing and sleeve for two check valves (Watts 757 QT series).		
22 11 19 00-0334	EA	2-1/2" Grooved Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 757 QT series)	4,021.19	140.92
		For Owner Furnished Material, Deduct	*-3,668.92*	
		For Work In Restricted Working Space, Add	*105.68*	
22 11 19 00-0335	EA	3" Grooved Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 757 QT series)	4,467.38	156.33
		For Owner Furnished Material, Deduct	*-4,076.56*	
		For Work In Restricted Working Space, Add	*117.25*	
22 11 19 00-0336		**N-Patten Double Check Valve Assemblies With Quarter Turn Shut-Offs** *(22 11 19 00-0332)* Note: Includes ball type test cocks, two quarter turn (QT) resilient seated iron body ball valves, and single stainless steel housing and sleeve for two check valves (Watts 757N QT series).		
22 11 19 00-0337	EA	2-1/2" N-Pattern Grooved Double Check Valve Assembly With QT Shutoffs (Watts 757 QT series)	5,304.40	140.92
		For Owner Furnished Material, Deduct	*-4,952.13*	
		For Work In Restricted Working Space, Add	*105.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0338	EA	3" N-Pattern Grooved Double Check Valve Assembly With QT Shutoffs (Watts 757 QT series)	5,737.92	156.33
		For Owner Furnished Material, Deduct	*-5,347.10*	
		For Work In Restricted Working Space, Add	*117.25*	

22 11 19 00-0339 Reduced Pressure Zone Backflow Preventer Assemblies *(22 11 19 00-0250)*

22 11 19 00-0340 Threaded Reduced Pressure Zone Assemblies *(22 11 19 00-0339)*

22 11 19 00-0341 Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs *(22 11 19 00-0340)*

Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and captured spring assemblies (Watts 009 QT series).

22 11 19 00-0342	EA	1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009 QT series)	552.13	27.73
		For Owner Furnished Material, Deduct	*-482.79*	
		For Work In Restricted Working Space, Add	*20.80*	
22 11 19 00-0343	EA	3/8" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009 QT series)	582.75	30.60
		For Owner Furnished Material, Deduct	*-506.23*	
		For Work In Restricted Working Space, Add	*22.96*	
22 11 19 00-0344	EA	1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009 QT series)	679.77	32.04
		For Owner Furnished Material, Deduct	*-599.67*	
		For Work In Restricted Working Space, Add	*24.03*	
22 11 19 00-0345	EA	3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M3 QT series)	912.23	45.43
		For Owner Furnished Material, Deduct	*-798.65*	
		For Work In Restricted Working Space, Add	*34.07*	
22 11 19 00-0346	EA	1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	1,081.88	55.48
		For Owner Furnished Material, Deduct	*-943.19*	
		For Work In Restricted Working Space, Add	*41.61*	
22 11 19 00-0347	EA	1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	1,640.98	64.56
		For Owner Furnished Material, Deduct	*-1,479.58*	
		For Work In Restricted Working Space, Add	*48.42*	
22 11 19 00-0348	EA	1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	1,733.29	74.12
		For Owner Furnished Material, Deduct	*-1,549.17*	
		For Work In Restricted Working Space, Add	*55.24*	
22 11 19 00-0349	EA	2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	2,077.44	95.64
		For Owner Furnished Material, Deduct	*-1,838.33*	
		For Work In Restricted Working Space, Add	*71.73*	

22 11 19 00-0350 Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs And Strainer *(22 11 19 00-0340)*

Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, bronze strainer, and captured spring assemblies (Watts 009 QT-S series).

22 11 19 00-0351	EA	1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	610.57	27.73
		For Owner Furnished Material, Deduct	*-541.23*	
		For Work In Restricted Working Space, Add	*20.80*	
22 11 19 00-0352	EA	3/8" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	644.34	30.60
		For Owner Furnished Material, Deduct	*-567.82*	
		For Work In Restricted Working Space, Add	*22.96*	
22 11 19 00-0353	EA	1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	764.18	45.43
		For Owner Furnished Material, Deduct	*-684.08*	
		For Work In Restricted Working Space, Add	*24.03*	
22 11 19 00-0354	EA	3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	1,044.89	45.43
		For Owner Furnished Material, Deduct	*-931.31*	
		For Work In Restricted Working Space, Add	*34.07*	
22 11 19 00-0355	EA	1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	1,247.75	55.48
		For Owner Furnished Material, Deduct	*-1,109.06*	
		For Work In Restricted Working Space, Add	*41.61*	
22 11 19 00-0356	EA	1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	1,867.19	64.56
		For Owner Furnished Material, Deduct	*-1,705.79*	
		For Work In Restricted Working Space, Add	*48.42*	
22 11 19 00-0357	EA	1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	2,052.52	74.12
		For Owner Furnished Material, Deduct	*-1,868.40*	
		For Work In Restricted Working Space, Add	*55.24*	
22 11 19 00-0358	EA	2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	2,469.10	95.64
		For Owner Furnished Material, Deduct	*-2,229.99*	
		For Work In Restricted Working Space, Add	*71.73*	

22 11 19 00-0359 Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs *(22 11 19 00-0340)*

Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and captured spring assemblies (Watts 919 QT series).

22 11 19 00-0360	EA	3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series)	912.23	45.43
		For Owner Furnished Material, Deduct	*-798.65*	
		For Work In Restricted Working Space, Add	*34.07*	
22 11 19 00-0361	EA	1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series)	1,081.88	55.48
		For Owner Furnished Material, Deduct	*-943.19*	
		For Work In Restricted Working Space, Add	*41.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0362	EA	1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series)	1,640.98	64.56
		For Owner Furnished Material, Deduct	*-1,479.58*	
		For Work In Restricted Working Space, Add	*48.42*	
22 11 19 00-0363	EA	1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series)	1,733.29	74.12
		For Owner Furnished Material, Deduct	*-1,549.17*	
		For Work In Restricted Working Space, Add	*55.24*	
22 11 19 00-0364	EA	2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series)	2,077.44	95.64
		For Owner Furnished Material, Deduct	*-1,838.33*	
		For Work In Restricted Working Space, Add	*71.73*	

22 11 19 00-0365 Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs And Strainer *(22 11 19 00-0340)*

Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, bronze strainer, and captured spring assemblies (Watts 919 QT-S series).

22 11 19 00-0366	EA	3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series)	1,044.89	45.43
		For Owner Furnished Material, Deduct	*-931.31*	
		For Work In Restricted Working Space, Add	*34.07*	
22 11 19 00-0367	EA	1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series)	1,247.75	55.48
		For Owner Furnished Material, Deduct	*-1,109.06*	
		For Work In Restricted Working Space, Add	*41.61*	
22 11 19 00-0368	EA	1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series)	1,867.19	64.56
		For Owner Furnished Material, Deduct	*-1,705.79*	
		For Work In Restricted Working Space, Add	*48.42*	
22 11 19 00-0369	EA	1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series)	2,052.52	74.12
		For Owner Furnished Material, Deduct	*-1,868.40*	
		For Work In Restricted Working Space, Add	*55.24*	
22 11 19 00-0370	EA	2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series)	2,469.10	95.64
		For Owner Furnished Material, Deduct	*-2,229.99*	
		For Work In Restricted Working Space, Add	*71.73*	

22 11 19 00-0371 Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs *(22 11 19 00-0340)*

Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and captured spring assemblies (Watts 909 QT series).

22 11 19 00-0372	EA	3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts LF909QT)	1,897.51	45.43
		For Owner Furnished Material, Deduct	*-1,783.93*	
		For Work In Restricted Working Space, Add	*34.07*	
22 11 19 00-0373	EA	1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts LF909QT)	2,245.47	55.48
		For Owner Furnished Material, Deduct	*-2,106.78*	
		For Work In Restricted Working Space, Add	*41.61*	
22 11 19 00-0374	EA	1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts LF909M1QT)	3,461.97	64.56
		For Owner Furnished Material, Deduct	*-3,300.57*	
		For Work In Restricted Working Space, Add	*48.42*	
22 11 19 00-0375	EA	1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts LF909M1QT)	3,741.47	74.12
		For Owner Furnished Material, Deduct	*-3,557.35*	
		For Work In Restricted Working Space, Add	*55.24*	
22 11 19 00-0376	EA	2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 909M1QT)	4,337.04	95.64
		For Owner Furnished Material, Deduct	*-4,097.93*	
		For Work In Restricted Working Space, Add	*71.73*	

22 11 19 00-0377 Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs And Strainer *(22 11 19 00-0340)*

Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, bronze strainer, and captured spring assemblies (Watts LF909 QT-S series).

22 11 19 00-0378	EA	3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts LF909QT-S)	2,560.63	45.43
		For Owner Furnished Material, Deduct	*-2,447.05*	
		For Work In Restricted Working Space, Add	*34.07*	
22 11 19 00-0379	EA	1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts LF909QT-S)	3,043.43	55.48
		For Owner Furnished Material, Deduct	*-2,904.74*	
		For Work In Restricted Working Space, Add	*41.61*	
22 11 19 00-0380	EA	1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts LF909M1QT-S)	4,646.45	64.56
		For Owner Furnished Material, Deduct	*-4,485.05*	
		For Work In Restricted Working Space, Add	*48.42*	
22 11 19 00-0381	EA	1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts LF909M1QT-S)	5,074.61	74.12
		For Owner Furnished Material, Deduct	*-4,890.49*	
		For Work In Restricted Working Space, Add	*55.24*	
22 11 19 00-0382	EA	2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts LF909M1QT-S)	6,025.17	95.64
		For Owner Furnished Material, Deduct	*-5,786.06*	
		For Work In Restricted Working Space, Add	*71.73*	

22 11 19 00-0383 Flanged Reduced Pressure Zone Assemblies *(22 11 19 00-0339)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0384		**Reduced Pressure Zone Assemblies With Non-Rising Stem Shut-Offs** *(22 11 19 00-0383)* Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and captured spring assemblies (Watts LF009 NRS series).		
22 11 19 00-0385	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF009 NRS series)	6,229.44	264.21
		For Owner Furnished Material, Deduct	*-5,877.15*	
		For Work In Restricted Working Space, Add	*105.69*	
22 11 19 00-0386	EA	3" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF009 NRS series)	7,020.08	297.25
		For Owner Furnished Material, Deduct	*-6,629.26*	
		For Work In Restricted Working Space, Add	*117.25*	
22 11 19 00-0387		**Reduced Pressure Zone Assemblies With Non-Rising Stem Shut-Off And Strainer** *(22 11 19 00-0383)* Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, iron body strainer, and captured spring assemblies (Watts LF009 NRS-S-FDA series).		
22 11 19 00-0388	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF009 NRS-S-FDA series)	7,434.76	264.21
		For Owner Furnished Material, Deduct	*-7,082.47*	
		For Work In Restricted Working Space, Add	*105.69*	
22 11 19 00-0389	EA	3" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF009 NRS-S-FDA series)	8,420.33	297.25
		For Owner Furnished Material, Deduct	*-8,029.51*	
		For Work In Restricted Working Space, Add	*117.25*	
22 11 19 00-0390		**Reduced Pressure Zone Assemblies With Outside Stem And Yoke Shut-Offs** *(22 11 19 00-0383)* Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and captured spring assemblies (Watts LF009 OSY series).		
22 11 19 00-0391	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF009 OSY series)	6,690.78	264.21
		For Owner Furnished Material, Deduct	*-6,338.49*	
		For Work In Restricted Working Space, Add	*105.69*	
22 11 19 00-0392	EA	3" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF009 OSY series)	7,786.80	297.25
		For Owner Furnished Material, Deduct	*-7,395.98*	
		For Work In Restricted Working Space, Add	*117.25*	
22 11 19 00-0393		**Reduced Pressure Zone Assemblies With Outside Stem And Yoke Shut-Offs And Strainer** *(22 11 19 00-0383)* Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and captured spring assemblies. (Watts LF009 OSY-S-FDA Series)		
22 11 19 00-0394	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs And Strainer (Watts LF009 OSY-S-FDA series)	7,434.76	264.21
		For Owner Furnished Material, Deduct	*-7,082.47*	
		For Work In Restricted Working Space, Add	*105.69*	
22 11 19 00-0395	EA	3" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs And Strainer (Watts LF009 OSY-S-FDA series)	8,420.33	297.25
		For Owner Furnished Material, Deduct	*-8,029.51*	
		For Work In Restricted Working Space, Add	*117.25*	
22 11 19 00-0396		**Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs** *(22 11 19 00-0383)* Note: Includes ball type test cocks, two quarter turn (QT) resilient seated iron body ball valves, and captured spring assemblies (Watts LF009 QT-FDA series).		
22 11 19 00-0397	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With QT Shut-offs (Watts LF009 QT-FDA series)	8,258.34	264.21
		For Owner Furnished Material, Deduct	*-7,906.05*	
		For Work In Restricted Working Space, Add	*105.69*	
22 11 19 00-0398	EA	3" Flanged Reduced Pressure Zone Assembly With QT Shut-offs (Watts LF009 QT-FDA series)	9,559.05	297.25
		For Owner Furnished Material, Deduct	*-9,168.23*	
		For Work In Restricted Working Space, Add	*117.25*	
22 11 19 00-0399		**Reduced Pressure Zone Assemblies With Non-Rising Stem Shut-Offs** *(22 11 19 00-0383)* Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and captured spring assemblies (Watts LF909 NRS series).		
22 11 19 00-0400	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF909 NRS series)	10,730.69	264.21
		For Owner Furnished Material, Deduct	*-10,378.42*	
		For Work In Restricted Working Space, Add	*105.68*	
22 11 19 00-0401	EA	3" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF909 NRS series)	12,192.25	297.25
		For Owner Furnished Material, Deduct	*-11,801.41*	
		For Work In Restricted Working Space, Add	*117.25*	
22 11 19 00-0402	EA	4" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF909 NRS series)	15,339.82	440.36
		For Owner Furnished Material, Deduct	*-14,752.98*	
		For Work In Restricted Working Space, Add	*176.05*	
22 11 19 00-0403	EA	6" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF909 NRS series)	23,131.88	670.68
		For Owner Furnished Material, Deduct	*-21,435.60*	
		For Work In Restricted Working Space, Add	*508.88*	
22 11 19 00-0404	EA	8" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF909M1 NRS series)	38,392.53	1,006.02
		For Owner Furnished Material, Deduct	*-35,848.11*	
		For Work In Restricted Working Space, Add	*763.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0405	EA	10" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF909M1 NRS series)	49,643.49	1,189.91
		For Owner Furnished Material, Deduct	*-47,480.01*	
		For Work In Restricted Working Space, Add	*649.04*	

22 11 19 00-0406 Reduced Pressure Zone Assemblies With Non-Rising Stem Shut-Off And Epoxy Coated Strainer *(22 11 19 00-0383)*

Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, iron body strainer, and captured spring assemblies (Watts LF909 NRS-S-FDA series).

22 11 19 00-0407	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF909 NRS-S-FDA series)	11,567.27	264.21
		For Owner Furnished Material, Deduct	*-11,215.00*	
		For Work In Restricted Working Space, Add	*105.68*	
22 11 19 00-0408	EA	3" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF909 NRS-S-FDA series)	13,072.67	297.25
		For Owner Furnished Material, Deduct	*-12,681.85*	
		For Work In Restricted Working Space, Add	*117.25*	
22 11 19 00-0409	EA	4" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF909 NRS-S-FDA series)	16,689.66	440.36
		For Owner Furnished Material, Deduct	*-16,102.88*	
		For Work In Restricted Working Space, Add	*176.03*	
22 11 19 00-0410	EA	6" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF909 NRS-S-FDA series)	25,187.99	670.68
		For Owner Furnished Material, Deduct	*-23,976.44*	
		For Work In Restricted Working Space, Add	*363.47*	
22 11 19 00-0411	EA	8" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF909 NRS-S-FDA series)	40,802.35	1,006.02
		For Owner Furnished Material, Deduct	*-38,985.02*	
		For Work In Restricted Working Space, Add	*545.20*	
22 11 19 00-0412	EA	10" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF909 NRS-S-FDA series)	55,402.84	1,189.91
		For Owner Furnished Material, Deduct	*-53,239.36*	
		For Work In Restricted Working Space, Add	*649.04*	

22 11 19 00-0413 Reduced Pressure Zone Assemblies With Outside Stem And Yoke Shut-Offs *(22 11 19 00-0383)*

Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and captured spring assemblies (Watts LF909 OSY series).

22 11 19 00-0414	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF909 OSY series)	11,419.44	264.21
		For Owner Furnished Material, Deduct	*-11,067.17*	
		For Work In Restricted Working Space, Add	*105.68*	
22 11 19 00-0415	EA	3" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF909 OSY series)	12,981.72	297.25
		For Owner Furnished Material, Deduct	*-12,590.88*	
		For Work In Restricted Working Space, Add	*117.25*	
22 11 19 00-0416	EA	4" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF909 OSY series)	16,320.97	440.36
		For Owner Furnished Material, Deduct	*-15,734.13*	
		For Work In Restricted Working Space, Add	*176.05*	
22 11 19 00-0417	EA	6" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF909 OSY series)	24,077.42	670.68
		For Owner Furnished Material, Deduct	*-22,865.87*	
		For Work In Restricted Working Space, Add	*363.47*	
22 11 19 00-0418	EA	8" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF909M1 OSY series)	40,056.42	1,006.02
		For Owner Furnished Material, Deduct	*-38,239.09*	
		For Work In Restricted Working Space, Add	*545.20*	
22 11 19 00-0419	EA	10" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF909M1 OSY series)	52,807.05	1,189.91
		For Owner Furnished Material, Deduct	*-50,643.57*	
		For Work In Restricted Working Space, Add	*649.04*	

22 11 19 00-0420 Double Check Detector Assemblies *(22 11 19 00-0250)*

22 11 19 00-0421 Flanged Double Check Detector Assemblies With Meter *(22 11 19 00-0420)*

22 11 19 00-0422 Double Check Detector Assembly With Outside Stem And Yoke Shut-Offs And Meter *(22 11 19 00-0421)*

Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, two epoxy coated iron body check valves, and meter (Watts 709 DCDA OSY series).

22 11 19 00-0423	EA	3" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series)	8,550.36	297.25
		For Owner Furnished Material, Deduct	*-8,159.54*	
		For Work In Restricted Working Space, Add	*117.25*	
22 11 19 00-0424	EA	4" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series)	8,935.65	440.36
		For Owner Furnished Material, Deduct	*-8,348.87*	
		For Work In Restricted Working Space, Add	*176.03*	
22 11 19 00-0425	EA	6" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series)	12,052.85	670.68
		For Owner Furnished Material, Deduct	*-10,841.30*	
		For Work In Restricted Working Space, Add	*363.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0426	EA	8" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series)	21,413.60	1,006.02
		For Owner Furnished Material, Deduct	*-19,596.27*	
		For Work In Restricted Working Space, Add	*545.20*	
22 11 19 00-0427	EA	10" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series)	28,944.97	1,189.91
		For Owner Furnished Material, Deduct	*-26,781.49*	
		For Work In Restricted Working Space, Add	*649.04*	

22 11 19 00-0428 Double Check Detector Assembly With Outside Stem And Yoke Shut-Offs And Meter *(22 11 19 00-0421)*

Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, single stainless steel housing and sleeve for two check valves, and meter (Watts 757 DCDA OSY series).

22 11 19 00-0429	EA	2-1/2" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series)	6,397.16	264.21
		For Owner Furnished Material, Deduct	*-6,044.87*	
		For Work In Restricted Working Space, Add	*105.69*	
22 11 19 00-0430	EA	3" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series)	6,830.26	297.25
		For Owner Furnished Material, Deduct	*-6,439.44*	
		For Work In Restricted Working Space, Add	*117.25*	
22 11 19 00-0431	EA	4" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series)	7,430.54	440.36
		For Owner Furnished Material, Deduct	*-6,843.76*	
		For Work In Restricted Working Space, Add	*176.03*	
22 11 19 00-0432	EA	6" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series)	10,098.10	670.68
		For Owner Furnished Material, Deduct	*-8,886.55*	
		For Work In Restricted Working Space, Add	*363.47*	
22 11 19 00-0433	EA	8" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series)	17,880.57	1,006.02
		For Owner Furnished Material, Deduct	*-16,063.24*	
		For Work In Restricted Working Space, Add	*545.20*	
22 11 19 00-0434	EA	10" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series)	21,083.83	1,189.91
		For Owner Furnished Material, Deduct	*-18,920.35*	
		For Work In Restricted Working Space, Add	*649.04*	

22 11 19 00-0435 Double Check Detector Assembly With Butterfly Valves And Meter *(22 11 19 00-0421)*

Note: Includes ball type test cocks, two resilient seated iron body butterfly valves, single stainless steel housing and sleeve for two check valves, and meter (Watts 757 DCDA BFG series).

22 11 19 00-0436	EA	2-1/2" Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series)	6,777.52	264.21
		For Owner Furnished Material, Deduct	*-6,425.23*	
		For Work In Restricted Working Space, Add	*105.69*	
22 11 19 00-0437	EA	3" Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series)	7,210.62	297.25
		For Owner Furnished Material, Deduct	*-6,819.80*	
		For Work In Restricted Working Space, Add	*117.25*	
22 11 19 00-0438	EA	4" Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series)	7,810.82	440.36
		For Owner Furnished Material, Deduct	*-7,224.04*	
		For Work In Restricted Working Space, Add	*176.03*	
22 11 19 00-0439	EA	6" Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series)	10,487.96	670.68
		For Owner Furnished Material, Deduct	*-9,276.41*	
		For Work In Restricted Working Space, Add	*363.47*	
22 11 19 00-0440	EA	8" Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series)	17,412.82	1,006.02
		For Owner Furnished Material, Deduct	*-15,595.49*	
		For Work In Restricted Working Space, Add	*545.20*	

22 11 19 00-0441 Flanged Double Check Detector Assemblies Without Meter *(22 11 19 00-0420)*

22 11 19 00-0442 Double Check Detector Assembly With Outside Stem And Yoke Shut-Offs Less Meter *(22 11 19 00-0441)*

Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, single stainless steel housing and sleeve for two check valves (Watts 757 DCDA OSY LM series).

22 11 19 00-0443	EA	2-1/2" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series)	6,277.07	264.21
		For Work In Restricted Working Space, Add	*105.69*	
22 11 19 00-0444	EA	3" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series)	6,710.22	297.25
		For Work In Restricted Working Space, Add	*117.25*	
22 11 19 00-0445	EA	4" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series)	7,310.50	440.36
		For Work In Restricted Working Space, Add	*176.03*	
22 11 19 00-0446	EA	6" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series)	9,978.06	670.68
		For Work In Restricted Working Space, Add	*363.47*	
22 11 19 00-0447	EA	8" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series)	17,760.61	1,006.02
		For Work In Restricted Working Space, Add	*545.20*	
22 11 19 00-0448	EA	10" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series)	20,963.70	1,189.91
		For Work In Restricted Working Space, Add	*649.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0449		**Double Check Detector Assembly With Butterfly Valves Less Meter** *(22 11 19 00-0441)* Note: Includes ball type test cocks, two butterfly resilient seated iron body butterfly valves, single stainless steel housing and sleeve for two check valves (Watts 757 DCDA BFG LM series).		
22 11 19 00-0450	EA	2-1/2" Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series)	6,657.39	264.21
		For Work In Restricted Working Space, Add	*105.69*	
22 11 19 00-0451	EA	3" Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series)	7,090.50	297.25
		For Work In Restricted Working Space, Add	*117.25*	
22 11 19 00-0452	EA	4" Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series)	7,690.77	440.36
		For Work In Restricted Working Space, Add	*176.03*	
22 11 19 00-0453	EA	6" Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series)	10,367.84	670.68
		For Work In Restricted Working Space, Add	*363.47*	
22 11 19 00-0454	EA	8" Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series)	18,150.47	1,006.02
		For Work In Restricted Working Space, Add	*545.20*	
22 11 19 00-0455		**Backflow Preventer Accessories** *(22 11 19 00-0250)*		
22 11 19 00-0456		**Air Gap** *(22 11 19 00-0455)*		
22 11 19 00-0457	EA	Up To 1" Diameter Air Gap For Backflow Preventer	140.35	14.95
22 11 19 00-0458	EA	1-1/4" To 2" Diameter Air Gap For Backflow Preventer	172.82	17.93
22 11 19 00-0459	EA	2-1/2" To 3" Diameter Air Gap For Backflow Preventer	326.59	23.91
22 11 19 00-0460	EA	4" To 6" Diameter Air Gap For Backflow Preventer	647.15	41.85
22 11 19 00-0461	EA	8" To 10" Diameter Air Gap For Backflow Preventer	683.02	59.78
22 11 19 00-0462		**Brass Test Cocks** *(22 11 19 00-0455)*		
22 11 19 00-0463	EA	1/8" Or 1/4" Brass Test Cock	57.16	5.98
22 11 19 00-0464		**Backflow Valve Enclosures** *(22 11 19 00-0250)*		
22 11 19 00-0465		**Flip-Top, Insulated Fiberglass Valve Enclosures** *(22 11 19 00-0464)* Note: Dimensions listed are inside dimensions. Includes anchor kit. Excludes concrete pad.		
22 11 19 00-0466	EA	19" Length x 11" Width x 22" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	1,624.98	107.60
		For Heated Enclosure, Add	*203.40*	
22 11 19 00-0467	EA	27" Length x 13" Width x 23" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	2,004.40	107.60
		For Heated Enclosure, Add	*260.31*	
22 11 19 00-0468	EA	27" Length x 13" Width x 35" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	2,550.57	99.08
		For Heated Enclosure, Add	*345.43*	
22 11 19 00-0469	EA	33" Length x 21" Width x 25" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	2,643.03	132.11
		For Heated Enclosure, Add	*346.91*	
22 11 19 00-0470	EA	39" Length x 13" Width x 28" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	2,771.70	132.11
		For Heated Enclosure, Add	*366.21*	
22 11 19 00-0471	EA	47" Length x 13" Width x 28" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	3,273.18	132.11
		For Heated Enclosure, Add	*441.44*	
22 11 19 00-0472	EA	39" Length x 13" Width x 36" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	3,286.38	132.11
		For Heated Enclosure, Add	*443.42*	
22 11 19 00-0473	EA	47" Length x 13" Width x 36" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	4,140.88	132.11
		For Heated Enclosure, Add	*571.59*	
22 11 19 00-0474	EA	70" Length x 26" Width x 45" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	9,564.99	198.16
		For Heated Enclosure, Add	*1,360.44*	
22 11 19 00-0475	EA	83" Length x 26" Width x 45" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	13,877.09	198.16
		For Heated Enclosure, Add	*2,007.25*	
22 11 19 00-0476	EA	70" Length x 26" Width x 55" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	13,184.25	198.16
		For Heated Enclosure, Add	*1,903.33*	
22 11 19 00-0477	EA	83" Length x 26" Width x 55" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	15,876.51	231.19
		For Heated Enclosure, Add	*2,294.78*	
22 11 19 00-0478		**One-Piece Drop Over, Insulated Fiberglass Valve Enclosures** *(22 11 19 00-0464)* Note: Dimensions listed are inside dimensions. Includes anchor kit. Excludes concrete pad.		
22 11 19 00-0479	EA	20" Length x 6-1/2" Width x 22" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	872.64	28.69
		For Heated Enclosure, Add	*164.96*	
22 11 19 00-0480	EA	27" Length x 14" Width x 26" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	1,222.36	28.69
		For Heated Enclosure, Add	*234.91*	
22 11 19 00-0481	EA	38-1/2" Length x 12" Width x 28" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	1,541.88	26.42
		For Heated Enclosure, Add	*299.57*	
22 11 19 00-0482	EA	47" Length x 13" Width x 28" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	2,340.29	26.42
		For Heated Enclosure, Add	*459.25*	
22 11 19 00-0483	EA	70" Length x 26" Width x 45" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	6,073.97	49.54
		For Heated Enclosure, Add	*1,198.28*	
22 11 19 00-0484	EA	83" Length x 26" Width x 45" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	8,307.55	49.54
		For Heated Enclosure, Add	*1,645.00*	
22 11 19 00-0485	EA	45" Length x 35" Width x 35" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	5,519.70	49.54
		For Heated Enclosure, Add	*1,087.43*	
22 11 19 00-0486	EA	53" Length x 44" Width x 44" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	6,252.13	49.54
		For Heated Enclosure, Add	*1,233.91*	
22 11 19 00-0487	EA	61" Length x 52" Width x 50" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	9,805.40	49.54
		For Heated Enclosure, Add	*1,944.57*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0488		**Lift-Off Lightweight Backflow Valve Enclosures With Recessed Locksheild Brackets** *(22 11 19 00-0464)* Note: 1-1/2", 0.095" wall tubular steel framework with 1" x 1" x 1/8" angle iron, 1/2" #13 gauge diamond pattern rolled expanded metal, all welded construction. Excludes concrete pad.		
22 11 19 00-0489	EA	22" Length x 10" Width x 24" Height, Backflow Preventer Caged Enclosures Note: BP-1	911.85	107.60
22 11 19 00-0490	EA	30" Length x 10" Width x 24" Height, Backflow Preventer Caged Enclosures Note: BP-2	1,023.34	132.11
22 11 19 00-0491	EA	40" Length x 10" Width x 24" Height, Backflow Preventer Caged Enclosures Note: BP-3	1,103.70	132.11
22 11 19 00-0492	EA	46" Length x 10" Width x 30" Height, Backflow Preventer Caged Enclosures Note: BP-4	1,332.71	132.11
22 11 19 00-0493		**Sectional, Insulated Aluminum Valve Enclosures** *(22 11 19 00-0464)* Note: Dimensions listed are inside dimensions. Includes anchor kit. Excludes concrete pad.		
22 11 19 00-0494	EA	70" Length x 26" Width x 55" Height, Sectional, Insulated Aluminum Valve Enclosure	12,412.23	198.16
		For Heated Enclosure, Add	*1,787.52*	
		For One 24" Fluorescent Light Fixture, Add	*851.43*	
		For Two 24" Fluorescent Light Fixture, Add	*1,523.60*	
22 11 19 00-0495	EA	83" Length x 26" Width x 55" Height, Sectional, Insulated Aluminum Valve Enclosure	13,689.03	198.16
		For Heated Enclosure, Add	*1,979.04*	
		For One 24" Fluorescent Light Fixture, Add	*851.43*	
		For Two 24" Fluorescent Light Fixture, Add	*1,523.60*	
22 11 19 00-0496	EA	53" Length x 33" Width x 44" Height, Sectional, Insulated Aluminum Valve Enclosure	9,720.06	198.16
		For Heated Enclosure, Add	*1,383.70*	
		For One 24" Fluorescent Light Fixture, Add	*851.43*	
		For Two 24" Fluorescent Light Fixture, Add	*1,523.60*	
22 11 19 00-0497	EA	53" Length x 44" Width x 44" Height, Sectional, Insulated Aluminum Valve Enclosure	10,663.64	198.16
		For Heated Enclosure, Add	*1,525.23*	
		For One 24" Fluorescent Light Fixture, Add	*851.43*	
		For Two 24" Fluorescent Light Fixture, Add	*1,523.60*	
22 11 19 00-0498	EA	90" Length x 32" Width x 50-1/2" Height, Sectional, Insulated Aluminum Valve Enclosure	12,402.50	264.21
		For Heated Enclosure, Add	*1,761.29*	
		For One 24" Fluorescent Light Fixture, Add	*851.43*	
		For Two 24" Fluorescent Light Fixture, Add	*1,523.60*	
22 11 19 00-0499	EA	102" Length x 32" Width x 50-1/2" Height, Sectional, Insulated Aluminum Valve Enclosure	13,913.55	264.21
		For Heated Enclosure, Add	*1,987.95*	
		For One 24" Fluorescent Light Fixture, Add	*851.43*	
		For Two 24" Fluorescent Light Fixture, Add	*1,523.60*	
22 11 19 00-0500	EA	90" Length x 32" Width x 57-1/2" Height, Sectional, Insulated Aluminum Valve Enclosure	13,913.55	264.21
		For Heated Enclosure, Add	*1,987.95*	
		For One 24" Fluorescent Light Fixture, Add	*851.43*	
		For Two 24" Fluorescent Light Fixture, Add	*1,523.60*	
22 11 19 00-0501	EA	102" Length x 32" Width x 57-1/2" Height, Sectional, Insulated Aluminum Valve Enclosure	15,378.40	264.21
		For Heated Enclosure, Add	*2,207.68*	
		For One 24" Fluorescent Light Fixture, Add	*851.43*	
		For Two 24" Fluorescent Light Fixture, Add	*1,523.60*	
22 11 19 00-0502	EA	62" Length x 39" Width x 46" Height, Sectional, Insulated Aluminum Valve Enclosure	11,541.32	231.19
		For Heated Enclosure, Add	*1,644.50*	
		For One 24" Fluorescent Light Fixture, Add	*851.43*	
		For Two 24" Fluorescent Light Fixture, Add	*1,523.60*	
22 11 19 00-0503	EA	62" Length x 53" Width x 46" Height, Sectional, Insulated Aluminum Valve Enclosure	13,514.34	264.21
		For Heated Enclosure, Add	*1,928.07*	
		For One 24" Fluorescent Light Fixture, Add	*851.43*	
		For Two 24" Fluorescent Light Fixture, Add	*1,523.60*	
22 11 19 00-0504	EA	105" Length x 36" Width x 53" Height, Sectional, Insulated Aluminum Valve Enclosure	15,800.71	264.21
		For Heated Enclosure, Add	*2,271.03*	
		For One 24" Fluorescent Light Fixture, Add	*851.43*	
		For Two 24" Fluorescent Light Fixture, Add	*1,523.60*	
22 11 19 00-0505	EA	125" Length x 36" Width x 53" Height, Sectional, Insulated Aluminum Valve Enclosure	17,346.45	280.73
		For Heated Enclosure, Add	*2,496.69*	
		For One 24" Fluorescent Light Fixture, Add	*851.43*	
		For Two 24" Fluorescent Light Fixture, Add	*1,523.60*	
22 11 19 00-0506	EA	105" Length x 36" Width x 64" Height, Sectional, Insulated Aluminum Valve Enclosure	17,725.86	280.73
		For Heated Enclosure, Add	*2,553.60*	
		For One 24" Fluorescent Light Fixture, Add	*851.43*	
		For Two 24" Fluorescent Light Fixture, Add	*1,523.60*	
22 11 19 00-0507	EA	125" Length x 36" Width x 64" Height, Sectional, Insulated Aluminum Valve Enclosure	19,654.30	297.25
		For Heated Enclosure, Add	*2,836.68*	
		For One 24" Fluorescent Light Fixture, Add	*851.43*	
		For Two 24" Fluorescent Light Fixture, Add	*1,523.60*	
22 11 19 00-0508	EA	105" Length x 36" Width x 80" Height, Sectional, Insulated Aluminum Valve Enclosure	20,409.82	297.25
		For Heated Enclosure, Add	*2,950.01*	
		For One 24" Fluorescent Light Fixture, Add	*851.43*	
		For Two 24" Fluorescent Light Fixture, Add	*1,523.60*	
22 11 19 00-0509	EA	72" Length x 45" Width x 52" Height, Sectional, Insulated Aluminum Valve Enclosure	14,810.94	264.21
		For Heated Enclosure, Add	*2,122.56*	
		For One 24" Fluorescent Light Fixture, Add	*851.43*	
		For Two 24" Fluorescent Light Fixture, Add	*1,523.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0510	EA	72" Length x 45" Width x 60" Height, Sectional, Insulated Aluminum Valve Enclosure	15,790.81	264.21
		For Heated Enclosure, Add	*2,269.54*	
		For One 24" Fluorescent Light Fixture, Add	*851.43*	
		For Two 24" Fluorescent Light Fixture, Add	*1,523.60*	
22 11 19 00-0511	EA	72" Length x 65" Width x 52" Height, Sectional, Insulated Aluminum Valve Enclosure	17,871.02	280.73
		For Heated Enclosure, Add	*2,575.38*	
		For One 24" Fluorescent Light Fixture, Add	*851.43*	
		For Two 24" Fluorescent Light Fixture, Add	*1,523.60*	
22 11 19 00-0512	EA	72" Length x 65" Width x 60" Height, Sectional, Insulated Aluminum Valve Enclosure	21,666.83	297.25
		For Heated Enclosure, Add	*3,138.56*	
		For One 24" Fluorescent Light Fixture, Add	*851.43*	
		For Two 24" Fluorescent Light Fixture, Add	*1,523.60*	
22 11 19 00-0513	EA	118" Length x 40" Width x 58" Height, Sectional, Insulated Aluminum Valve Enclosure	18,898.77	297.25
		For Heated Enclosure, Add	*2,723.35*	
		For One 24" Fluorescent Light Fixture, Add	*851.43*	
		For Two 24" Fluorescent Light Fixture, Add	*1,523.60*	
22 11 19 00-0514	EA	142" Length x 40" Width x 58" Height, Sectional, Insulated Aluminum Valve Enclosure	22,717.68	313.75
		For Heated Enclosure, Add	*3,289.99*	
		For One 24" Fluorescent Light Fixture, Add	*851.43*	
		For Two 24" Fluorescent Light Fixture, Add	*1,523.60*	
22 11 19 00-0515	EA	118" Length x 40" Width x 74" Height, Sectional, Insulated Aluminum Valve Enclosure	21,962.16	313.75
		For Heated Enclosure, Add	*3,176.66*	
		For One 24" Fluorescent Light Fixture, Add	*851.43*	
		For Two 24" Fluorescent Light Fixture, Add	*1,523.60*	
22 11 19 00-0516	EA	142" Length x 40" Width x 74" Height, Sectional, Insulated Aluminum Valve Enclosure	25,444.53	330.27
		For Heated Enclosure, Add	*3,692.83*	
		For One 24" Fluorescent Light Fixture, Add	*851.43*	
		For Two 24" Fluorescent Light Fixture, Add	*1,523.60*	
22 11 19 00-0517	EA	142" Length x 42" Width x 65" Height, Sectional, Insulated Aluminum Valve Enclosure	23,514.48	330.27
		For Heated Enclosure, Add	*3,403.32*	
		For One 24" Fluorescent Light Fixture, Add	*851.43*	
		For Two 24" Fluorescent Light Fixture, Add	*1,523.60*	
22 11 19 00-0518	EA	172" Length x 42" Width x 65" Height, Sectional, Insulated Aluminum Valve Enclosure	27,445.57	346.79
		For Heated Enclosure, Add	*3,986.79*	
		For One 24" Fluorescent Light Fixture, Add	*851.43*	
		For Two 24" Fluorescent Light Fixture, Add	*1,523.60*	
22 11 19 00-0519	EA	142" Length x 42" Width x 85" Height, Sectional, Insulated Aluminum Valve Enclosure	27,486.85	363.30
		For Heated Enclosure, Add	*3,986.79*	
		For One 24" Fluorescent Light Fixture, Add	*851.43*	
		For Two 24" Fluorescent Light Fixture, Add	*1,523.60*	
22 11 19 00-0520	EA	172" Length x 42" Width x 85" Height, Sectional, Insulated Aluminum Valve Enclosure	32,592.44	379.81
		For Heated Enclosure, Add	*4,746.44*	
		For One 24" Fluorescent Light Fixture, Add	*851.43*	
		For Two 24" Fluorescent Light Fixture, Add	*1,523.60*	

22 11 19 00-0521 Faucets (Hose Bibbs) *(22 11 19)*

22 11 19 00-0522 Bronze Garden Hose Valves (Hose Bibbs), Screwed Ends *(22 11 19 00-0521)*

22 11 19 00-0523	EA	1/2", 125 Lb., Bronze Garden Hose Valves (Hose Bibbs), Screwed Ends	65.75	11.96
22 11 19 00-0524	EA	3/4", 125 Lb., Bronze Garden Hose Valves (Hose Bibbs), Screwed Ends	75.81	13.15
22 11 19 00-0525	EA	3/4" Screwed Ends Vacuum Breaker (Mueller 108-904NL)	19.67	8.97

22 11 19 00-0526 Chrome Plated Brass Hose Valves, Screwed Ends *(22 11 19 00-0521)*

22 11 19 00-0527	EA	3/4" Hose Valve With Screwed Ends (Chicago Faucets #387-CP)	229.29	36.58

22 11 19 00-0528 Antisiphon Freezeless Wall Faucet (Woodford 19CP) *(22 11 19 00-0521)*

22 11 19 00-0529	EA	4" Long, 1/2" Antisiphon Freezeless Wall Faucet	139.79	29.89
22 11 19 00-0530	EA	6" Long, 1/2" Antisiphon Freezeless Wall Faucet	151.64	33.12
22 11 19 00-0531	EA	8" Long, 1/2" Antisiphon Freezeless Wall Faucet	160.49	35.03
22 11 19 00-0532	EA	10" Long, 1/2" Antisiphon Freezeless Wall Faucet	169.33	37.54
22 11 19 00-0533	EA	12" Long, 1/2" Antisiphon Freezeless Wall Faucet	178.30	39.81

22 11 19 00-0534 Keyed, Recessed Valve Boxes *(22 11 19)*

22 11 19 00-0535	EA	8" x 8" x 4" Painted Steel, Keyed, Recessed Valve Box	370.67	35.68
22 11 19 00-0536	EA	8" x 8" x 6" Painted Steel, Keyed, Recessed Valve Box	413.43	35.68
22 11 19 00-0537	EA	8" x 8" x 8" Painted Steel, Keyed, Recessed Valve Box	477.58	35.68
22 11 19 00-0538	EA	12" x 12" x 4" Painted Steel, Keyed, Recessed Valve Box	458.61	47.57
22 11 19 00-0539	EA	12" x 12" x 6" Painted Steel, Keyed, Recessed Valve Box	522.75	47.57
22 11 19 00-0540	EA	12" x 12" x 8" Painted Steel, Keyed, Recessed Valve Box	541.99	47.57
22 11 19 00-0541	EA	8" x 8" x 4" Stainless Steel, Keyed, Recessed Valve Box	439.09	35.68
22 11 19 00-0542	EA	8" x 8" x 6" Stainless Steel, Keyed, Recessed Valve Box	533.17	35.68
22 11 19 00-0543	EA	8" x 8" x 8" Stainless Steel, Keyed, Recessed Valve Box	616.55	35.68
22 11 19 00-0544	EA	12" x 12" x 4" Stainless Steel, Keyed, Recessed Valve Box	578.34	47.57
22 11 19 00-0545	EA	12" x 12" x 6" Stainless Steel, Keyed, Recessed Valve Box	661.73	47.57
22 11 19 00-0546	EA	12" x 12" x 8" Stainless Steel, Keyed, Recessed Valve Box	693.80	47.57

22 11 23 Domestic Water Pumps *(22 11)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 23 13		**Domestic Water Packaged Booster Pumps** *(22 11 23)* Note: Includes motor starter and controls.		
22 11 23 13-0001		Simplex Domestic Water Packaged Booster Pumps And Tank *(22 11 23 13)*		
22 11 23 13-0002	EA	1 HP Simplex Domestic Water Packaged Booster Pump And Tank	16,799.32	352.29
22 11 23 13-0003	EA	1.5 HP Simplex Domestic Water Packaged Booster Pump And Tank	17,345.11	473.39
22 11 23 13-0004	EA	2 HP Simplex Domestic Water Packaged Booster Pump And Tank	18,012.41	594.49
22 11 23 13-0005	EA	3 HP Simplex Domestic Water Packaged Booster Pump And Tank	18,618.94	715.59
22 11 23 13-0006	EA	5 HP Simplex Domestic Water Packaged Booster Pump And Tank	20,562.16	836.69
22 11 23 13-0007	EA	7.5 HP Simplex Domestic Water Packaged Booster Pump And Tank	22,809.17	957.79
22 11 23 13-0008	EA	10 HP Simplex Domestic Water Packaged Booster Pump And Tank	24,327.07	1,078.89
22 11 23 13-0009		Duplex Domestic Water Packaged Booster Pumps And Hydrocumulator *(22 11 23 13)*		
22 11 23 13-0010	EA	100 GPM Duplex Domestic Water Packaged Booster Pumps And Hydrocumulator Tank	44,706.75	1,428.83
22 11 23 13-0011	EA	200 GPM Duplex Domestic Water Packaged Booster Pumps And Hydrocumulator Tank	54,071.05	1,518.13
22 11 23 13-0012	EA	300 GPM Duplex Domestic Water Packaged Booster Pumps And Hydrocumulator Tank	63,474.07	1,607.43
22 11 23 13-0013		Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator *(22 11 23 13)*		
22 11 23 13-0014	EA	200 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	59,250.67	1,518.13
22 11 23 13-0015	EA	300 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	74,081.66	1,607.43
22 11 23 13-0016	EA	500 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	92,312.03	1,786.04
22 11 23 13-0017	EA	750 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	117,276.68	1,964.64
22 11 23 13-0018	EA	1,000 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	142,241.33	2,143.24
22 11 23 13-0019	EA	1,750 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	165,802.42	2,411.14
22 11 23 13-0020	EA	2,500 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	189,363.52	2,679.05
22 11 23 13-0021	EA	3,750 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	212,924.62	2,946.95
22 11 23 13-0022	EA	5,000 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	236,708.96	3,304.17
22 11 23 13-0023		Variable Speed Duplex Domestic Water Pressure Booster Skid *(22 11 23 13)* Note: AB1953 compliant, UL listed and labeled. Includes stainless steel headers with check, isolation, thermal relief valves, and start up support. The standard control package is integrated in a NEMA 1 enclosure and is outfitted with an individual VFD's which are controlled through a HOA and internally programmed PID logic for system control.		
22 11 23 13-0024	EA	40 GPM At 40 To 70 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-1)	42,982.23	1,588.53
22 11 23 13-0025	EA	40 GPM At 80 To 120 PSI, 80 GPM At 50 To 90 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-2)	44,984.85	1,588.53
22 11 23 13-0026	EA	80 GPM At 80 PSI, 120 GPM At 40 To 90 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-3)	47,846.36	1,588.53
22 11 23 13-0027	EA	80 GPM At 130 To 150 PSI, 120 GPM At 100 To 150 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-4)	51,971.20	1,588.53
22 11 23 13-0028	EA	160 GPM At 40 To 50 PSI, 200 GPM At 40 To 50 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-5)	48,970.86	1,687.81
22 11 23 13-0029	EA	160 GPM At 60 To 80 PSI, 200 GPM At 60 To 70 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-6)	52,571.66	1,687.81
22 11 23 13-0030	EA	160 GPM At 90 To 110 PSI, 200 GPM At 80 To 100 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-7)	57,461.89	1,687.81
22 11 23 13-0031	EA	160 To 200 GPM At 120 To 150 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-8)	61,436.69	1,687.81
22 11 23 13-0032	EA	240 To 280 GPM At 40 To 50 PSI , NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-9)	53,535.26	1,787.10
22 11 23 13-0033	EA	280 To 320 GPM At 60 To 70 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-10)	57,090.40	1,787.10
22 11 23 13-0034	EA	240 To 320 GPM At 90 To 120 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-11)	65,040.01	1,787.10
22 11 23 13-0035	EA	240 To 320 GPM At 130 To 150 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-12)	78,382.13	1,787.10
22 11 23 13-0036	EA	360 To 400 GPM At 40 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-13)	56,590.29	1,787.10
22 11 23 13-0037	EA	360 To 400 GPM At 50 To 80 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-14)	63,841.92	1,787.10
22 11 23 13-0038	EA	360 To 400 GPM At 90 To 110 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-15)	79,804.19	1,787.10
22 11 23 13-0039	EA	360 To 400 GPM At 120 To 140 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-16)	79,343.21	1,787.10
22 11 23 13-0040	EA	440 To 480 GPM At 150 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-17)	94,699.47	1,985.66
22 11 23 13-0041	EA	440 To 480 GPM At 40 To 50 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-18)	64,801.47	1,985.66
22 11 23 13-0042	EA	440 To 480 GPM At 60 To 90 PSI, 520 To 600 GPM At 40 To 80 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-19)	79,337.34	1,985.66
22 11 23 13-0043	EA	440 To 480 GPM At 100 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-20)	78,878.54	1,985.66
22 11 23 13-0044	EA	440 To 600 GPM At 100 To 120 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-21)	95,412.68	1,985.66
22 11 23 13-0045	EA	440 To 600 GPM At 130 To 150 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-22)	115,636.77	1,985.66
22 11 23 13-0046	EA	60 GPM At 40 To 70 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-1)	54,532.64	1,588.53

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 23 13-0047		**Variable Speed Triplex Domestic Water Pressure Booster Skid** *(22 11 23 13)* Note: AB1953 compliant, UL listed and labeled. Includes stainless steel headers with check, isolation, thermal relief valves, and start up support. The standard control package is integrated in a NEMA 1 enclosure and is outfitted with an individual VFD's which are controlled through a HOA and internally programmed PID logic for system control.		
22 11 23 13-0048	EA	60 GPM At 80 To 130 PSI, 120 GPM At 50 To 90 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-2)	54,532.64	1,588.53
22 11 23 13-0049	EA	120 GPM At 100 To 120 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-3)	61,094.98	1,588.53
22 11 23 13-0050	EA	60 GPM At 140 To 150 PSI, 120 GPM At 130 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-4)	66,757.12	1,588.53
22 11 23 13-0051	EA	180 GPM At 40 To 90 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-5)	61,343.19	1,687.81
22 11 23 13-0052	EA	180 GPM At 100 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-6)	66,966.19	1,687.81
22 11 23 13-0053	EA	240 GPM At 40 To 50 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-7)	62,656.53	1,687.81
22 11 23 13-0054	EA	240 GPM At 60 To 80 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-8)	67,490.22	1,687.81
22 11 23 13-0055	EA	240 GPM At 90 To 110 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-9)	74,137.36	1,687.81
22 11 23 13-0056	EA	240 GPM At 120 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-10)	79,647.29	1,687.81
22 11 23 13-0057	EA	300 GPM At 40 To 50 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-11)	63,222.21	1,787.10
22 11 23 13-0058	EA	300 GPM At 60 To 70 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-12)	68,055.90	1,787.10
22 11 23 13-0059	EA	300 GPM At80 To 100 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-13)	74,700.87	1,787.10
22 11 23 13-0060	EA	300 GPM At 110 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-14)	80,210.80	1,787.10
22 11 23 13-0061	EA	360 GPM At 40 To 60 PSI, 420 GPM At 40 To 50 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-15)	68,658.21	1,787.10
22 11 23 13-0062	EA	360 GPM At 70 To 80 PSI, 420 GPM At 60 To 70 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-16)	73,300.56	1,787.10
22 11 23 13-0063	EA	360 GPM At 90 To 130 PSI, 420 GPM At 80 To 120 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-17)	84,770.52	1,787.10
22 11 23 13-0064	EA	360 GPM At140 To 150 PSI, 420 GPM At 130 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-18)	103,487.75	1,787.10
22 11 23 13-0065	EA	480 GPM At 40 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-19)	70,102.66	1,985.66
22 11 23 13-0066	EA	480 GPM At 50 To 70 PSI, 520 To 600 GPM At 40 To 80 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-20)	74,747.18	1,985.66
22 11 23 13-0067	EA	480 GPM At 80 To 110 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-21)	86,217.14	1,985.66
22 11 23 13-0068	EA	480 GPM At 120 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-22)	104,932.20	1,985.66
22 11 23 13-0069	EA	540 GPM At 40 PSI, 600 GPM At 40 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-23)	73,994.84	1,985.66
22 11 23 13-0070	EA	540 GPM At 50 To 90 PSI, 600 GPM At 50 To 80 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-24)	84,418.91	1,985.66
22 11 23 13-0071	EA	540 GPM At 100 To 110 PSI, 600 GPM At 90 To 110 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-25)	107,063.11	1,985.66
22 11 23 13-0072	EA	540 GPM At 120 To 130 PSI, 600 GPM At 120 To 130 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-26)	109,257.08	1,985.66
22 11 23 13-0073	EA	540 GPM At 140 To 150 PSI, 600 GPM At 140 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-27)	135,543.40	1,985.66
22 11 23 13-0074	EA	660 GPM At 40 To 50 PSI, 720 GPM At 40 To 50 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-28)	83,804.85	2,382.80
22 11 23 13-0075	EA	660 GPM At 60 To 90 PSI, 720,780,840,900 GPM At 60 To 80 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-29)	100,984.78	2,382.80
22 11 23 13-0076	EA	660, 720, 780 GPM At 100 PSI, 840 To 900 GPM At 90 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-30)	107,499.29	2,382.80
22 11 23 13-0077	EA	660, 720, 780, 840, 900 GPM At 110 To 120 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-31)	129,845.59	2,382.80
22 11 23 13-0078	EA	660, 720, 780, 840, 900 GPM At 130 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-32)	161,115.64	2,382.80
22 11 23 23		**Domestic-Water In-Line Pumps** *(22 11 23)*		
22 11 23 23-0001		**Bronze In-Line Centrifugal Domestic Water Booster Pumps** *(22 11 23 23)* Note: ODP motor.		
22 11 23 23-0002	EA	1/12 HP, 3/4" To 1-1/2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL30B)	1,163.83	198.16
22 11 23 23-0003	EA	1/6 HP, 3/4" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL36B)	1,196.08	198.16
22 11 23 23-0004	EA	1/6 HP, 1" To 1-1/4" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL45B)	1,253.02	202.01
22 11 23 23-0005	EA	1/6 HP, 1-1/2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL50B)	1,383.79	210.27
22 11 23 23-0006	EA	1/6 HP, 2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL75B)	2,517.80	218.09
22 11 23 23-0007	EA	1/6 HP, 2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G 2AB)	2,689.23	218.09
22 11 23 23-0008	EA	1/4 HP, 2-1/2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G 2-1/2AB)	4,039.49	240.13
22 11 23 23-0009	EA	1/4 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G LD3 AB)	4,209.23	263.81
22 11 23 23-0010	EA	1/3 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G HD3 AB)	5,102.99	290.24

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 23 23-0011	EA	1/2 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PDB35S)	5,210.26	319.43
22 11 23 23-0012	EA	3/4 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PDB37S)	5,697.58	350.82
22 11 23 23-0013	EA	1 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PDB38S)	8,192.53	386.07
22 11 23 23-0014	EA	1-1/2 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PDB40S)	9,446.80	404.80
22 11 23 23-0015		Cast Iron In-Line Centrifugal Domestic Water Booster Pumps *(22 11 23 23)*		
		Note: ODP motor.		
22 11 23 23-0016	EA	1/12 HP, 3/4" To 1-1/2" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL30)	1,214.09	198.16
22 11 23 23-0017	EA	1/6 HP, 3/4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL36)	2,062.57	198.16
22 11 23 23-0018	EA	1/6 HP, 1" To 1-1/4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL45)	2,070.53	202.01
22 11 23 23-0019	EA	1/6 HP, 1-1/4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL45)	2,106.14	206.42
22 11 23 23-0020	EA	1/6 HP, 1-1/2" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL50)	2,113.83	210.27
22 11 23 23-0021	EA	1/6 HP, 2" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL75)	2,152.78	218.09
22 11 23 23-0022	EA	1/4 HP, 2-1/2" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 2-1/2)	2,637.72	240.13
22 11 23 23-0023	EA	1/3 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G HD30)	3,407.82	290.24
22 11 23 23-0024	EA	1/2 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PD35S)	3,587.07	319.43
22 11 23 23-0025	EA	3/4 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PD37S)	4,192.30	350.82
22 11 23 23-0026	EA	1 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PD38S)	5,678.72	386.07
22 11 23 23-0027	EA	1-1/2 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PD40S)	6,650.25	404.80
22 11 23 23-0028	EA	2 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x7, BF)	5,955.53	425.18
22 11 23 23-0029	EA	3 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x7, BF)	6,399.55	467.36

22 12 Facility Potable-Water Storage Tanks *(22 10)*

22 12 23 Facility Indoor Potable-Water Storage Tanks *(22 12)*

22 12 23 13 Facility Steel, Indoor Potable-Water Storage Pressure Tanks *(22 12 23)*

22 12 23 13-0001		Insulated Glass Lined Storage Tank (A.O. Smith TJ, TJV And TJH) *(22 12 23 13)*		
22 12 23 13-0002	EA	80 Gallon ASME Rated Tank, 150PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJ-80A)	2,793.53	440.36
22 12 23 13-0003	EA	119 Gallon 150 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-120M)	3,459.58	550.45
22 12 23 13-0004	EA	140 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-140A)	6,487.49	605.50
22 12 23 13-0005	EA	200 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-200A)	7,176.69	660.54
22 12 23 13-0006	EA	250 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-250A)	14,404.29	715.59
22 12 23 13-0007	EA	350 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-350A)	12,373.38	770.63
22 12 23 13-0008	EA	400 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-400A)	21,363.79	825.68
22 12 23 13-0009	EA	500 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-500A)	19,657.63	880.72
22 12 23 13-0010	EA	750 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-750A)	21,360.30	935.77
22 12 23 13-0011	EA	1,000 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-1000A)	25,481.42	990.81
22 12 23 13-0012		Uninsulated Glass Lined Storage Tank (A.O. Smith T) *(22 12 23 13)*		
22 12 23 13-0013	EA	80 Gallon 150 PSI, Uninsulated, Glass Lined Water Storage Tank (T-80S)	2,374.80	440.36
22 12 23 13-0014	EA	120 Gallon 150 PSA, Uninsulated, Glass Lined Water Storage Tank (T-120S)	4,638.96	550.45
22 12 23 13-0015	EA	140 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-140A)	5,821.54	605.50
22 12 23 13-0016	EA	200 Gallon 150 PSI, Uninsulated, Glass Lined Water Storage Tank (T-200S)	7,217.91	660.54
22 12 23 13-0017	EA	200 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-200A)	6,105.29	660.54
22 12 23 13-0018	EA	250 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-250A)	9,518.28	715.59
22 12 23 13-0019	EA	325 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-325A)	10,302.30	770.63
22 12 23 13-0020	EA	350 Gallon 150 PSI, Uninsulated, Glass Lined Water Storage Tank (T-350S)	9,796.85	770.63
22 12 23 13-0021	EA	350 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-350A)	8,922.51	770.63
22 12 23 13-0022	EA	400 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-400A)	12,265.70	825.68
22 12 23 13-0023	EA	500 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-500A)	13,309.73	880.72
22 12 23 13-0024	EA	750 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-750A)	15,474.14	935.77
22 12 23 13-0025	EA	1,000 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-1000A)	29,225.26	990.81

22 12 23 26 Facility Plastic, Indoor Potable-Water Storage Non-Pressure Tanks *(22 12 23)*

22 12 23 26-0001		Horizontal Non-Pressurized Polyethylene Tanks *(22 12 23 26)*		
		Note: Excludes excavation and backfill.		
22 12 23 26-0002	EA	100 Gallon Horizontal Non-Pressurized Polyethylene Tank	746.51	247.71
		For Saddle Assembly, Add	*836.58*	
22 12 23 26-0003	EA	150 Gallon Horizontal Non-Pressurized Polyethylene Tank	874.59	288.99
		For Saddle Assembly, Add	*836.58*	
22 12 23 26-0004	EA	200 Gallon Horizontal Non-Pressurized Polyethylene Tank	1,039.17	330.27
		For Saddle Assembly, Add	*960.73*	
22 12 23 26-0005	EA	300 Gallon Horizontal Non-Pressurized Polyethylene Tank	1,269.49	371.55
		For Saddle Assembly, Add	*1,445.16*	
22 12 23 26-0006	EA	335 Gallon Horizontal Non-Pressurized Polyethylene Tank	1,526.58	412.84
		For Two Tie Down Bands, Add	*478.17*	
22 12 23 26-0007	EA	535 Gallon Horizontal Non-Pressurized Polyethylene Tank	1,973.28	565.45
		For Two Tie Down Bands, Add	*512.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 12 23 26-0008	EA	1,035 Gallon Horizontal Non-Pressurized Polyethylene Tank	2,968.64	659.70
		For Three Tie Down Bands, Add	*877.91*	
22 12 23 26-0009	EA	1,335 Gallon Horizontal Non-Pressurized Polyethylene Tank	4,303.69	753.94
		For Three Tie Down Bands, Add	*885.22*	
22 12 23 26-0010	EA	1,635 Gallon Horizontal Non-Pressurized Polyethylene Tank	5,381.16	848.17
		For Four Tie Down Bands, Add	*1,199.76*	
22 12 23 26-0011	EA	2,035 Gallon Horizontal Non-Pressurized Polyethylene Tank	6,308.82	942.42
		For Four Tie Down Bands, Add	*1,696.36*	
22 12 23 26-0012	EA	2,635 Gallon Horizontal Non-Pressurized Polyethylene Tank	9,050.24	1,036.66
		For Four Tie Down Bands, Add	*2,241.64*	
22 12 23 26-0013	EA	3,135 Gallon Horizontal Non-Pressurized Polyethylene Tank	10,490.41	1,130.90
		For Four Tie Down Bands, Add	*2,426.65*	
22 12 23 26-0014	EA	4,035 Gallon Horizontal Non-Pressurized Polyethylene Tank	15,080.46	1,507.87
		For Four Tie Down Bands, Add	*2,747.98*	
22 12 23 26-0015	EA	5,025 Gallon Horizontal Non-Pressurized Polyethylene Tank	19,554.48	1,507.87
		For Five Tie Down Bands, Add	*4,323.49*	

22 12 23 26-0016 Vertical Non-Pressurized Polyethylene Tanks *(22 12 23 26)*

22 12 23 26-0017	EA	100 Gallon Vertical Non-Pressurized Polyethylene Tank	807.92	330.27
22 12 23 26-0018	EA	160 Gallon Vertical Non-Pressurized Polyethylene Tank	979.07	350.92
22 12 23 26-0019	EA	210 Gallon Vertical Non-Pressurized Polyethylene Tank	1,077.18	371.55
22 12 23 26-0020	EA	300 Gallon Vertical Non-Pressurized Polyethylene Tank	1,309.93	412.84
22 12 23 26-0021	EA	405 Gallon Vertical Non-Pressurized Polyethylene Tank	1,490.61	495.41
22 12 23 26-0022	EA	500 Gallon Vertical Non-Pressurized Polyethylene Tank	1,761.37	577.98
22 12 23 26-0023	EA	800 Gallon Vertical Non-Pressurized Polyethylene Tank	2,475.53	753.94
22 12 23 26-0024	EA	1,000 Gallon Vertical Non-Pressurized Polyethylene Tank	3,208.84	942.42
22 12 23 26-0025	EA	2,000 Gallon Vertical Non-Pressurized Polyethylene Tank	4,326.77	1,130.90
22 12 23 26-0026	EA	3,000 Gallon Vertical Non-Pressurized Polyethylene Tank	5,673.51	1,319.39
22 12 23 26-0027	EA	4,000 Gallon Vertical Non-Pressurized Polyethylene Tank	8,390.78	1,507.87
22 12 23 26-0028	EA	5,000 Gallon Vertical Non-Pressurized Polyethylene Tank	11,395.28	1,696.36
22 12 23 26-0029	EA	6,250 Gallon Vertical Non-Pressurized Polyethylene Tank	12,922.16	1,884.83
22 12 23 26-0030	EA	7,000 Gallon Vertical Non-Pressurized Polyethylene Tank	14,239.69	2,073.32
22 12 23 26-0031	EA	8,000 Gallon Vertical Non-Pressurized Polyethylene Tank	16,418.97	2,261.81
22 12 23 26-0032	EA	9,150 Gallon Vertical Non-Pressurized Polyethylene Tank	18,556.86	2,450.29
22 12 23 26-0033	EA	10,500 Gallon Vertical Non-Pressurized Polyethylene Tank	23,007.34	2,638.77
22 12 23 26-0034	EA	12,500 Gallon Vertical Non-Pressurized Polyethylene Tank	27,696.97	3,015.74

22 13 Facility Sanitary Sewerage *(22 10)*

22 13 13 Facility Sanitary Sewers *(22 13)*

22 13 13 00-0001 Fixture Rough-In *(22 13 13)*

Note: Excludes fixture. Not for use when individual component details are available, on remodeling work where partial pipe and fittings are installed or on residential projects. For use on commercial restrooms with multiple toilets, urinals and lavatories. Includes waste and vent pipe and fittings and domestic water supply pipe and fittings. Waste piping is included from fixture outlet tee to floor, vent piping is included from outlet tee within the wall to the ceiling and domestic water supply from ceiling to fixture and stub out with caps. Based on vertical floor to floor of 12'. Use detailed tasks (i.e. individual pipe and fittings, insulation, hangers, etc.) instead of rough-in assembly where possible.

22 13 13 00-0002 Single Fixture Rough-In, Cast Iron Waste And Vent Pipe *(22 13 13 00-0001)*

Note: Single fixtures have one fixture to one pipe riser. Includes cast iron waste and vent pipe and fittings and copper domestic water supply pipe and fittings.

22 13 13 00-0003	EA	Floor Mounted Water Closet, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.	1,075.77
22 13 13 00-0004	EA	Wall Mounted Water Closet, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	1,431.88
22 13 13 00-0005	EA	Tank Type Floor Mounted Water Closet, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.	978.25
22 13 13 00-0006	EA	Wall Mounted Urinal, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	634.88
22 13 13 00-0007	EA	Wall Mounted Lavatory, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	748.38
22 13 13 00-0008	EA	Countertop Kitchen Sink, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	953.01
22 13 13 00-0009	EA	Bathtub, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	1,015.38
22 13 13 00-0010	EA	Free Standing Water Cooler, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.	613.40
22 13 13 00-0011	EA	Floor Mounted Service Sink, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	978.25
22 13 13 00-0012	EA	Wall Mounted Service Sink, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	1,005.78
22 13 13 00-0013	EA	Shower, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.	950.72
22 13 13 00-0014	EA	Bidet, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	1,075.77
22 13 13 00-0015	EA	Floor Mounted Circular Wash Fountain, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.	1,686.20

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 13 00-0016	EA	Bathtub/Shower, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.	1,042.94	
22 13 13 00-0017		**Double Fixture Rough-In, Cast Iron Waste And Vent Pipe** *(22 13 13 00-0001)* Note: Double fixtures have two "back-to-back" waste connections to one riser. Includes cast iron waste and vent pipe and fittings and copper domestic water supply pipe and fittings.		
22 13 13 00-0018	EA	Floor Mounted Water Closet, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.	1,401.14	
22 13 13 00-0019	EA	Wall Mounted Water Closet, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	1,919.02	
22 13 13 00-0020	EA	Tank Type Floor Mounted Water Closet, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.	1,209.76	
22 13 13 00-0021	EA	Wall Mounted Urinal, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	760.32	
22 13 13 00-0022	EA	Wall Mounted Lavatory, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	1,019.09	
22 13 13 00-0023	EA	Countertop Kitchen Sink, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	1,079.95	
22 13 13 00-0024	EA	Free Standing Water Cooler, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.	718.46	
22 13 13 00-0025	EA	Floor Mounted Service Sink, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	1,220.75	
22 13 13 00-0026	EA	Wall Mounted Service Sink, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	1,060.43	
22 13 13 00-0027	EA	Shower, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, shower heads and faucets.	1,032.95	
22 13 13 00-0028	EA	Bidet, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucets.	1,401.14	
22 13 13 00-0029		**Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe** *(22 13 13 00-0001)* Note: Gang fixtures include multiple fixtures to one pipe riser. Includes cast iron waste and vent pipe and fittings and copper domestic water supply pipe and fittings.		
22 13 13 00-0030	EA	Floor Mounted Water Closet, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.	700.06	
22 13 13 00-0031	EA	Wall Mounted Water Closet, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste pipe and vent and copper domestic supply. Excludes fixture, carrier and flush valve.	959.51	
22 13 13 00-0032	EA	Tank Type Floor Mounted Water Closet, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste pipe and vent and copper domestic supply. Excludes fixture.	605.42	
22 13 13 00-0033	EA	Wall Mounted Urinal, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste pipe and vent and copper domestic supply. Excludes fixture, carrier and flush valve.	380.71	
22 13 13 00-0034	EA	Wall Mounted Lavatory, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	509.56	
22 13 13 00-0035	EA	Countertop Kitchen Sink, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	539.96	
22 13 13 00-0036	EA	Free Standing Water Cooler, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.	386.75	
22 13 13 00-0037	EA	Rough-in Service Sink, Floor Mounted, Gang Mounted Fixture Including Cast Iron Waste Pipe And Vent And Copper Domestic Supply, Not Including Fixture Or Faucet Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	609.83	
22 13 13 00-0038	EA	Wall Mounted Service Sink, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	530.22	
22 13 13 00-0039	EA	Shower, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, shower heads and faucets.	517.00	
22 13 13 00-0040	EA	Bidet, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	692.33	
22 13 13 00-0041		**Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe** *(22 13 13 00-0001)* Note: Single fixtures have one fixture to one pipe riser. Includes PVC waste and vent pipe and fittings and copper domestic water supply pipe and fittings.		
22 13 13 00-0042	EA	Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Floor Mounted, Water Closet Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.	642.35	
22 13 13 00-0043	EA	Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Wall Mounted, Water Closet Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	726.97	
22 13 13 00-0044	EA	Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Tank Type, Floor Mounted, Water Closet Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture.	606.67	
22 13 13 00-0045	EA	Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Wall Mounted, Urinal Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	369.08	
22 13 13 00-0046	EA	Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Wall Mounted, Lavatory Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	432.92	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 13 00-0047	EA	Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Countertop, Kitchen Sink Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	583.42	
22 13 13 00-0048	EA	Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Bathtub Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	594.92	
22 13 13 00-0049	EA	Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Free Standing, Water Cooler Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture.	364.08	
22 13 13 00-0050	EA	Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Floor Mounted, Service Sink Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	606.67	
22 13 13 00-0051	EA	Wall Mounted Service Sink, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	642.04	
22 13 13 00-0052	EA	Shower, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.	593.76	
22 13 13 00-0053	EA	Bidet, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	642.21	
22 13 13 00-0054	EA	Floor Mounted Circular Wash Fountain, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture.	993.76	
22 13 13 00-0055	EA	Bathtub/Shower, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.	619.00	
22 13 13 00-0056		**Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe** *(22 13 13 00-0001)* Note: Double fixtures have two "back-to-back" waste connections to one riser. Includes PVC waste and vent pipe and fittings and copper domestic water supply pipe and fittings.		
22 13 13 00-0057	EA	Floor Mounted Water Closet, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.	788.88	
22 13 13 00-0058	EA	Wall Mounted Water Closet, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	953.00	
22 13 13 00-0059	EA	Tank Type Floor Mounted Water Closet, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixtures.	685.26	
22 13 13 00-0060	EA	Wall Mounted Urinal, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	414.79	
22 13 13 00-0061	EA	Wall Mounted Lavatory, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixtures, carrier and faucets.	601.78	
22 13 13 00-0062	EA	Countertop Kitchen Sink, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixtures and faucets.	629.69	
22 13 13 00-0063	EA	Free Standing Water Cooler, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixtures.	402.37	
22 13 13 00-0064	EA	Floor Mounted Service Sink, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	695.05	
22 13 13 00-0065	EA	Wall Mounted Service Sink, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	661.96	
22 13 13 00-0066	EA	Shower, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.	637.39	
22 13 13 00-0067	EA	Bidet, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	788.88	
22 13 13 00-0068		**Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe** *(22 13 13 00-0001)* Note: Gang fixtures include multiple fixtures to one pipe riser. Includes PVC waste and vent pipe and fittings and copper domestic water supply pipe and fittings.		
22 13 13 00-0069	EA	Floor Mounted Water Closet, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.	394.00	
22 13 13 00-0070	EA	Wall Mounted Water Closet, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	475.97	
22 13 13 00-0071	EA	Tank Type Floor Mounted Water Closet, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture.	342.96	
22 13 13 00-0072	EA	Wall Mounted Urinal, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	207.46	
22 13 13 00-0073	EA	Wall Mounted Lavatory, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	300.86	
22 13 13 00-0074	EA	Countertop Kitchen Sink, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	314.57	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 13 00-0075	EA	Free Standing Water Cooler, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture.	201.17	
22 13 13 00-0076	EA	Floor Mounted Service Sink, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	347.43	
22 13 13 00-0077	EA	Wall Mounted Service Sink, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	331.01	
22 13 13 00-0078	EA	Shower, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.	319.17	
22 13 13 00-0079	EA	Bidet, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	386.70	

22 13 16 Sanitary Waste and Vent Piping *(22 13)*

22 13 16 00-0001 Cast Iron Soil Pipe Assemblies *(22 13 16)*

22 13 16 00-0002 Underground Bell And Spigot Cast Iron Soil Pipe Assemblies *(22 13 16 00-0001)*

Note: Includes fittings and gaskets. Fittings are assumed every 10'. Excludes excavation, backfill and compaction. Not for use where detail is available.

22 13 16 00-0003	LF	2" Underground Bell And Spigot Cast Iron Soil Pipe Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	35.14	6.94
		For Work In Restricted Working Space, Add	*5.09*	
22 13 16 00-0004	LF	3" Underground Bell And Spigot Cast Iron Soil Pipe Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	50.23	10.45
		For Work In Restricted Working Space, Add	*6.90*	
22 13 16 00-0005	LF	4" Underground Bell And Spigot Cast Iron Soil Pipe Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	65.18	13.32
		For Work In Restricted Working Space, Add	*8.88*	
22 13 16 00-0006	LF	5" Underground Bell And Spigot Cast Iron Soil Pipe Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	77.52	16.87
		For Work In Restricted Working Space, Add	*9.50*	
22 13 16 00-0007	LF	6" Underground Bell And Spigot Cast Iron Soil Pipe Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	91.01	18.39
		For Work In Restricted Working Space, Add	*10.55*	
22 13 16 00-0008	LF	8" Underground Bell And Spigot Cast Iron Soil Pipe Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	144.07	26.05
		For Work In Restricted Working Space, Add	*14.75*	
22 13 16 00-0009	LF	10" Underground Bell And Spigot Cast Iron Soil Pipe Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	211.34	26.05
		For Work In Restricted Working Space, Add	*16.70*	

22 13 16 00-0010 Aboveground No Hub Cast Iron Soil Pipe Assemblies *(22 13 16 00-0001)*

Note: Includes fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.

22 13 16 00-0011	LF	1-1/2" Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	36.45	6.61
		For Work In Restricted Working Space, Add	*5.80*	
22 13 16 00-0012	LF	2" Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	38.57	7.05
		For Work In Restricted Working Space, Add	*6.23*	
22 13 16 00-0013	LF	3" Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	49.74	10.24
		For Work In Restricted Working Space, Add	*7.64*	
22 13 16 00-0014	LF	4" Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	60.24	13.32
		For Work In Restricted Working Space, Add	*9.14*	
22 13 16 00-0015	LF	5" Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	80.82	16.55
		For Work In Restricted Working Space, Add	*11.23*	
22 13 16 00-0016	LF	6" Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	92.81	18.06
		For Work In Restricted Working Space, Add	*12.24*	
22 13 16 00-0017	LF	8" Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	146.55	25.83
		For Work In Restricted Working Space, Add	*16.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0018	LF	10" Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 20'. Not for use where detail is available.	213.43	29.35
		For Work In Restricted Working Space, Add	*19.54*	

22 13 16 00-0019 Bell And Spigot Cast Iron Soil Pipe And Fittings *(22 13 16)*

Note: Service weight. ASTM A74 and CISPI 301 (Fitting Requirements).

22 13 16 00-0020 Bell And Spigot Cast Iron Pipe *(22 13 16 00-0019)*

Note: Excludes excavation, hangers, gaskets, and fittings.

22 13 16 00-0021	LF	2" Bell And Spigot Cast Iron Pipe	25.04	6.94
		For Above Ground Cast Iron Pipe Installation, Add	*0.52*	
		For Extra Heavy Pipe, Add	*6.12*	
		For Work In Restricted Working Space, Add	*3.14*	
22 13 16 00-0022	LF	3" Bell And Spigot Cast Iron Pipe	36.59	10.45
		For Above Ground Cast Iron Pipe Installation, Add	*0.79*	
		For Extra Heavy Pipe, Add	*8.76*	
		For Work In Restricted Working Space, Add	*4.72*	
22 13 16 00-0023	LF	4" Bell And Spigot Cast Iron Pipe	47.14	13.32
		For Above Ground Cast Iron Pipe Installation, Add	*1.00*	
		For Extra Heavy Pipe, Add	*11.39*	
		For Work In Restricted Working Space, Add	*6.00*	
22 13 16 00-0024	LF	5" Bell And Spigot Cast Iron Pipe	63.52	16.87
		For Above Ground Cast Iron Pipe Installation, Add	*1.26*	
		For Extra Heavy Pipe, Add	*16.08*	
		For Work In Restricted Working Space, Add	*7.57*	
22 13 16 00-0025	LF	6" Bell And Spigot Cast Iron Pipe	74.15	18.39
		For Above Ground Cast Iron Pipe Installation, Add	*1.38*	
		For Extra Heavy Pipe, Add	*19.58*	
		For Work In Restricted Working Space, Add	*8.26*	
22 13 16 00-0026	LF	8" Bell And Spigot Cast Iron Pipe	111.59	26.05
		For Above Ground Cast Iron Pipe Installation, Add	*1.95*	
		For Extra Heavy Pipe, Add	*30.45*	
		For Work In Restricted Working Space, Add	*11.72*	
22 13 16 00-0027	LF	10" (25 cm) Cast Iron Pipe	164.68	29.35
		For Above Ground Cast Iron Pipe Installation, Add	*2.20*	
		For Extra Heavy Pipe, Add	*50.70*	
		For Work In Restricted Working Space, Add	*13.19*	
22 13 16 00-0028	LF	12" (31 cm) Cast Iron Pipe	233.99	39.13
		For Above Ground Cast Iron Pipe Installation, Add	*2.93*	
		For Extra Heavy Pipe, Add	*73.66*	
		For Work In Restricted Working Space, Add	*17.59*	

22 13 16 00-0029 Bell And Spigot Cast Iron Fittings *(22 13 16 00-0019)*

22 13 16 00-0030 Bell And Spigot Cast Iron Long Sweeps *(22 13 16 00-0029)*

22 13 16 00-0031	EA	2" Bell And Spigot Cast Iron Long Sweep	113.30	31.59
		For Above Ground Cast Iron Pipe Installation, Add	*2.37*	
		For Work In Restricted Working Space, Add	*14.21*	
		For Extra Heavy Fittings, Add	*23.08*	
22 13 16 00-0032	EA	3" Bell And Spigot Cast Iron Long Sweep	193.33	39.74
		For Above Ground Cast Iron Pipe Installation, Add	*2.98*	
		For Work In Restricted Working Space, Add	*17.85*	
		For Extra Heavy Fittings, Add	*46.84*	
22 13 16 00-0033	EA	4" Bell And Spigot Cast Iron Long Sweep	257.56	52.84
		For Above Ground Cast Iron Pipe Installation, Add	*3.96*	
		For Work In Restricted Working Space, Add	*23.76*	
		For Extra Heavy Fittings, Add	*62.43*	
22 13 16 00-0034	EA	6" Bell And Spigot Cast Iron Long Sweep	407.32	71.39
		For Above Ground Cast Iron Pipe Installation, Add	*5.35*	
		For Work In Restricted Working Space, Add	*32.10*	
		For Extra Heavy Fittings, Add	*105.11*	
22 13 16 00-0035	EA	8" Bell And Spigot Cast Iron Long Sweep	807.18	91.67
		For Above Ground Cast Iron Pipe Installation, Add	*6.87*	
		For Work In Restricted Working Space, Add	*41.22*	
		For Extra Heavy Fittings, Add	*234.43*	
22 13 16 00-0036	EA	10" Bell And Spigot Cast Iron Long Sweep	1,104.62	112.77
		For Above Ground Cast Iron Pipe Installation, Add	*8.46*	
		For Work In Restricted Working Space, Add	*50.73*	
		For Extra Heavy Fittings, Add	*327.43*	
22 13 16 00-0037	EA	12" Bell And Spigot Cast Iron Long Sweep	1,694.56	157.40
		For Above Ground Cast Iron Pipe Installation, Add	*11.80*	
		For Work In Restricted Working Space, Add	*70.80*	
		For Extra Heavy Fittings, Add	*510.50*	

22 13 16 00-0038 Bell And Spigot Cast Iron Short Sweeps *(22 13 16 00-0029)*

22 13 16 00-0039	EA	2" Bell And Spigot Cast Iron Short Sweep	95.89	31.59
		For Above Ground Cast Iron Pipe Installation, Add	*2.37*	
		For Work In Restricted Working Space, Add	*14.21*	
		For Extra Heavy Fittings, Add	*16.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0040	EA	3" Bell And Spigot Cast Iron Short Sweep	164.11	39.74
		For Above Ground Cast Iron Pipe Installation, Add	*2.98*	
		For Work In Restricted Working Space, Add	*17.85*	
		For Extra Heavy Fittings, Add	*36.61*	
22 13 16 00-0041	EA	4" Bell And Spigot Cast Iron Short Sweep	224.70	52.84
		For Above Ground Cast Iron Pipe Installation, Add	*3.96*	
		For Work In Restricted Working Space, Add	*23.76*	
		For Extra Heavy Fittings, Add	*50.93*	
22 13 16 00-0042	EA	5" Bell And Spigot Cast Iron Short Sweep	342.54	60.68
		For Above Ground Cast Iron Pipe Installation, Add	*4.55*	
		For Work In Restricted Working Space, Add	*27.29*	
		For Extra Heavy Fittings, Add	*88.06*	
22 13 16 00-0043	EA	6" Bell And Spigot Cast Iron Short Sweep	413.58	71.39
		For Above Ground Cast Iron Pipe Installation, Add	*5.35*	
		For Work In Restricted Working Space, Add	*32.10*	
		For Extra Heavy Fittings, Add	*107.30*	
22 13 16 00-0044	EA	8" Bell And Spigot Cast Iron Short Sweep	681.24	91.67
		For Above Ground Cast Iron Pipe Installation, Add	*6.87*	
		For Work In Restricted Working Space, Add	*41.22*	
		For Extra Heavy Fittings, Add	*190.35*	
22 13 16 00-0045	EA	10" Bell And Spigot Cast Iron Short Sweep	997.16	112.77
		For Above Ground Cast Iron Pipe Installation, Add	*8.46*	
		For Work In Restricted Working Space, Add	*50.73*	
		For Extra Heavy Fittings, Add	*289.82*	
22 13 16 00-0046	EA	12" Bell And Spigot Cast Iron Short Sweep	1,654.48	157.40
		For Above Ground Cast Iron Pipe Installation, Add	*11.80*	
		For Work In Restricted Working Space, Add	*70.80*	
		For Extra Heavy Fittings, Add	*496.47*	

22 13 16 00-0047 Bell And Spigot Cast Iron 1/4 Bends *(22 13 16 00-0029)*

22 13 16 00-0048	EA	2" Bell And Spigot Cast Iron 1/4 Bend	86.01	31.48
		For Above Ground Cast Iron Pipe Installation, Add	*2.36*	
		For Work In Restricted Working Space, Add	*14.18*	
		For Extra Heavy Fittings, Add	*13.57*	
22 13 16 00-0049	EA	3" Bell And Spigot Cast Iron 1/4 Bend	130.65	35.45
		For Above Ground Cast Iron Pipe Installation, Add	*2.66*	
		For Work In Restricted Working Space, Add	*15.96*	
		For Extra Heavy Fittings, Add	*27.11*	
22 13 16 00-0050	EA	4" Bell And Spigot Cast Iron 1/4 Bend	187.07	47.22
		For Above Ground Cast Iron Pipe Installation, Add	*3.54*	
		For Work In Restricted Working Space, Add	*21.24*	
		For Extra Heavy Fittings, Add	*40.70*	
22 13 16 00-0051	EA	5" Bell And Spigot Cast Iron 1/4 Bend	237.37	54.19
		For Above Ground Cast Iron Pipe Installation, Add	*4.06*	
		For Work In Restricted Working Space, Add	*24.36*	
		For Extra Heavy Fittings, Add	*54.66*	
22 13 16 00-0052	EA	6" Bell And Spigot Cast Iron 1/4 Bend	285.52	64.90
		For Above Ground Cast Iron Pipe Installation, Add	*4.87*	
		For Work In Restricted Working Space, Add	*29.21*	
		For Extra Heavy Fittings, Add	*65.85*	
22 13 16 00-0053	EA	8" Bell And Spigot Cast Iron 1/4 Bend	593.38	84.41
		For Above Ground Cast Iron Pipe Installation, Add	*6.33*	
		For Work In Restricted Working Space, Add	*37.96*	
		For Extra Heavy Fittings, Add	*163.40*	
22 13 16 00-0054	EA	10" Bell And Spigot Cast Iron 1/4 Bend	875.90	102.44
		For Above Ground Cast Iron Pipe Installation, Add	*7.68*	
		For Work In Restricted Working Space, Add	*46.07*	
		For Extra Heavy Fittings, Add	*252.82*	
22 13 16 00-0055	EA	12" Bell And Spigot Cast Iron 1/4 Bend	1,155.29	120.91
		For Above Ground Cast Iron Pipe Installation, Add	*9.07*	
		For Work In Restricted Working Space, Add	*54.39*	
		For Extra Heavy Fittings, Add	*340.89*	

22 13 16 00-0056 Bell And Spigot Cast Iron 1/8 Bends *(22 13 16 00-0029)*

22 13 16 00-0057	EA	2" Bell And Spigot Cast Iron 1/8 Bend	78.30	31.59
		For Above Ground Cast Iron Pipe Installation, Add	*2.37*	
		For Work In Restricted Working Space, Add	*14.21*	
		For Extra Heavy Fittings, Add	*10.83*	
22 13 16 00-0058	EA	3" Bell And Spigot Cast Iron 1/8 Bend	123.38	39.74
		For Above Ground Cast Iron Pipe Installation, Add	*2.98*	
		For Work In Restricted Working Space, Add	*17.85*	
		For Extra Heavy Fittings, Add	*22.35*	
22 13 16 00-0059	EA	4" Bell And Spigot Cast Iron 1/8 Bend	176.10	52.84
		For Above Ground Cast Iron Pipe Installation, Add	*3.96*	
		For Work In Restricted Working Space, Add	*23.76*	
		For Extra Heavy Fittings, Add	*33.92*	
22 13 16 00-0060	EA	5" Bell And Spigot Cast Iron 1/8 Bend	223.83	67.83
		For Above Ground Cast Iron Pipe Installation, Add	*5.08*	
		For Work In Restricted Working Space, Add	*30.49*	
		For Extra Heavy Fittings, Add	*42.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0061	EA	6" Bell And Spigot Cast Iron 1/8 Bend	258.92	75.62
		For Above Ground Cast Iron Pipe Installation, Add	*5.67*	
		For Work In Restricted Working Space, Add	*34.03*	
		For Extra Heavy Fittings, Add	*50.93*	
22 13 16 00-0062	EA	8" Bell And Spigot Cast Iron 1/8 Bend	515.67	101.12
		For Above Ground Cast Iron Pipe Installation, Add	*7.58*	
		For Work In Restricted Working Space, Add	*45.48*	
		For Extra Heavy Fittings, Add	*127.42*	
22 13 16 00-0063	EA	10" Bell And Spigot Cast Iron 1/8 Bend	721.82	124.76
		For Above Ground Cast Iron Pipe Installation, Add	*9.35*	
		For Work In Restricted Working Space, Add	*56.13*	
		For Extra Heavy Fittings, Add	*187.16*	
22 13 16 00-0064	EA	12" Bell And Spigot Cast Iron 1/8 Bend	1,167.76	161.79
		For Above Ground Cast Iron Pipe Installation, Add	*12.13*	
		For Work In Restricted Working Space, Add	*72.75*	
		For Extra Heavy Fittings, Add	*323.84*	

22 13 16 00-0065 Bell And Spigot Cast Iron Wyes *(22 13 16 00-0029)*

22 13 16 00-0066	EA	2" Bell And Spigot Cast Iron Wye	135.63	70.57
		For Above Ground Cast Iron Pipe Installation, Add	*5.29*	
		For Work In Restricted Working Space, Add	*31.76*	
		For Extra Heavy Fittings, Add	*10.42*	
22 13 16 00-0067	EA	3" Bell And Spigot Cast Iron Wye	171.65	77.29
		For Above Ground Cast Iron Pipe Installation, Add	*5.79*	
		For Work In Restricted Working Space, Add	*34.76*	
		For Extra Heavy Fittings, Add	*19.52*	
22 13 16 00-0068	EA	4" Bell And Spigot Cast Iron Wye	226.03	101.29
		For Above Ground Cast Iron Pipe Installation, Add	*7.59*	
		For Work In Restricted Working Space, Add	*45.54*	
		For Extra Heavy Fittings, Add	*25.98*	
22 13 16 00-0069	EA	5" Bell And Spigot Cast Iron Wye	298.71	116.72
		For Above Ground Cast Iron Pipe Installation, Add	*8.75*	
		For Work In Restricted Working Space, Add	*52.51*	
		For Extra Heavy Fittings, Add	*43.28*	
22 13 16 00-0070	EA	6" Bell And Spigot Cast Iron Wye	375.02	138.35
		For Above Ground Cast Iron Pipe Installation, Add	*10.37*	
		For Work In Restricted Working Space, Add	*62.24*	
		For Extra Heavy Fittings, Add	*58.65*	
22 13 16 00-0071	EA	8" Bell And Spigot Cast Iron Wye	687.75	184.65
		For Above Ground Cast Iron Pipe Installation, Add	*13.84*	
		For Work In Restricted Working Space, Add	*83.06*	
		For Extra Heavy Fittings, Add	*143.81*	
22 13 16 00-0072	EA	10" Bell And Spigot Cast Iron Wye	966.21	209.49
		For Above Ground Cast Iron Pipe Installation, Add	*15.70*	
		For Work In Restricted Working Space, Add	*94.21*	
		For Extra Heavy Fittings, Add	*228.26*	
22 13 16 00-0073	EA	12" Bell And Spigot Cast Iron Wye	1,431.49	255.00
		For Above Ground Cast Iron Pipe Installation, Add	*19.12*	
		For Work In Restricted Working Space, Add	*114.69*	
		For Extra Heavy Fittings, Add	*367.21*	

22 13 16 00-0074 Bell And Spigot Cast Iron Reducing Wyes *(22 13 16 00-0029)*

22 13 16 00-0075	EA	3" x 2" Bell And Spigot Cast Iron Reducing Wye	217.70	73.76
		For Above Ground Cast Iron Pipe Installation, Add	*5.53*	
		For Work In Restricted Working Space, Add	*33.19*	
		For Extra Heavy Fittings, Add	*37.48*	
22 13 16 00-0076	EA	4" x 2" Bell And Spigot Cast Iron Reducing Wye	264.86	91.16
		For Above Ground Cast Iron Pipe Installation, Add	*6.84*	
		For Work In Restricted Working Space, Add	*41.02*	
		For Extra Heavy Fittings, Add	*44.85*	
22 13 16 00-0077	EA	4" x 3" Bell And Spigot Cast Iron Reducing Wye	296.18	93.46
		For Above Ground Cast Iron Pipe Installation, Add	*7.01*	
		For Work In Restricted Working Space, Add	*42.06*	
		For Extra Heavy Fittings, Add	*54.59*	
22 13 16 00-0078	EA	6" x 2" Bell And Spigot Cast Iron Reducing Wye	445.74	123.96
		For Above Ground Cast Iron Pipe Installation, Add	*9.29*	
		For Work In Restricted Working Space, Add	*55.73*	
		For Extra Heavy Fittings, Add	*90.99*	
22 13 16 00-0079	EA	6" x 3" Bell And Spigot Cast Iron Reducing Wye	457.32	126.24
		For Above Ground Cast Iron Pipe Installation, Add	*9.47*	
		For Work In Restricted Working Space, Add	*56.79*	
		For Extra Heavy Fittings, Add	*93.81*	
22 13 16 00-0080	EA	6" x 4" Bell And Spigot Cast Iron Reducing Wye	478.62	134.68
		For Above Ground Cast Iron Pipe Installation, Add	*10.10*	
		For Work In Restricted Working Space, Add	*60.58*	
		For Extra Heavy Fittings, Add	*96.84*	
22 13 16 00-0081	EA	8" x 2" Bell And Spigot Cast Iron Reducing Wye	704.81	148.49
		For Above Ground Cast Iron Pipe Installation, Add	*11.13*	
		For Work In Restricted Working Space, Add	*66.79*	
		For Extra Heavy Fittings, Add	*168.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0082	EA	8" x 3" Bell And Spigot Cast Iron Reducing Wye	736.91	151.35
		For Above Ground Cast Iron Pipe Installation, Add	*11.34*	
		For Work In Restricted Working Space, Add	*68.06*	
		For Extra Heavy Fittings, Add	*178.52*	
22 13 16 00-0083	EA	8" x 4" Bell And Spigot Cast Iron Reducing Wye	754.50	158.50
		For Above Ground Cast Iron Pipe Installation, Add	*11.88*	
		For Work In Restricted Working Space, Add	*71.30*	
		For Extra Heavy Fittings, Add	*180.90*	
22 13 16 00-0084	EA	8" x 6" Bell And Spigot Cast Iron Reducing Wye	892.03	176.31
		For Above Ground Cast Iron Pipe Installation, Add	*13.22*	
		For Work In Restricted Working Space, Add	*79.31*	
		For Extra Heavy Fittings, Add	*219.68*	
22 13 16 00-0085	EA	10" x 3" Bell And Spigot Cast Iron Reducing Wye	1,102.51	165.20
		For Above Ground Cast Iron Pipe Installation, Add	*12.38*	
		For Work In Restricted Working Space, Add	*74.31*	
		For Extra Heavy Fittings, Add	*299.19*	
22 13 16 00-0086	EA	10" x 4" Bell And Spigot Cast Iron Reducing Wye	1,146.87	172.46
		For Above Ground Cast Iron Pipe Installation, Add	*12.93*	
		For Work In Restricted Working Space, Add	*77.59*	
		For Extra Heavy Fittings, Add	*310.89*	
22 13 16 00-0087	EA	10" x 6" Bell And Spigot Cast Iron Reducing Wye	1,254.59	190.70
		For Above Ground Cast Iron Pipe Installation, Add	*14.29*	
		For Work In Restricted Working Space, Add	*85.76*	
		For Extra Heavy Fittings, Add	*339.05*	
22 13 16 00-0088	EA	10" x 8" Bell And Spigot Cast Iron Reducing Wye	1,661.27	202.24
		For Above Ground Cast Iron Pipe Installation, Add	*15.16*	
		For Work In Restricted Working Space, Add	*90.96*	
		For Extra Heavy Fittings, Add	*475.32*	
22 13 16 00-0089	EA	12" x 4" Bell And Spigot Cast Iron Reducing Wye	1,710.17	202.24
		For Above Ground Cast Iron Pipe Installation, Add	*15.16*	
		For Work In Restricted Working Space, Add	*90.96*	
		For Extra Heavy Fittings, Add	*492.44*	
22 13 16 00-0090	EA	12" x 6" Bell And Spigot Cast Iron Reducing Wye	1,779.51	219.17
		For Above Ground Cast Iron Pipe Installation, Add	*16.43*	
		For Work In Restricted Working Space, Add	*98.58*	
		For Extra Heavy Fittings, Add	*507.82*	
22 13 16 00-0091	EA	12" x 8" Bell And Spigot Cast Iron Reducing Wye	2,091.00	230.05
		For Above Ground Cast Iron Pipe Installation, Add	*17.24*	
		For Work In Restricted Working Space, Add	*103.45*	
		For Extra Heavy Fittings, Add	*611.16*	
22 13 16 00-0092	EA	12" x 10" Bell And Spigot Cast Iron Reducing Wye	2,543.88	236.87
		For Above Ground Cast Iron Pipe Installation, Add	*17.76*	
		For Work In Restricted Working Space, Add	*106.54*	
		For Extra Heavy Fittings, Add	*766.06*	

22 13 16 00-0093 Bell And Spigot Cast Iron Combination Wye And 1/8 Bends *(22 13 16 00-0029)*

22 13 16 00-0094	EA	2" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend	148.38	70.57
		For Above Ground Cast Iron Pipe Installation, Add	*5.29*	
		For Work In Restricted Working Space, Add	*31.76*	
		For Extra Heavy Fittings, Add	*14.88*	
22 13 16 00-0095	EA	3" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend	179.51	77.29
		For Above Ground Cast Iron Pipe Installation, Add	*5.79*	
		For Work In Restricted Working Space, Add	*34.76*	
		For Extra Heavy Fittings, Add	*22.27*	
22 13 16 00-0096	EA	4" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend	239.71	101.29
		For Above Ground Cast Iron Pipe Installation, Add	*7.59*	
		For Work In Restricted Working Space, Add	*45.54*	
		For Extra Heavy Fittings, Add	*30.77*	
22 13 16 00-0097	EA	5" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend	342.80	122.45
		For Above Ground Cast Iron Pipe Installation, Add	*9.18*	
		For Work In Restricted Working Space, Add	*55.06*	
		For Extra Heavy Fittings, Add	*55.74*	
22 13 16 00-0098	EA	6" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend	429.34	151.88
		For Above Ground Cast Iron Pipe Installation, Add	*11.38*	
		For Work In Restricted Working Space, Add	*68.30*	
		For Extra Heavy Fittings, Add	*70.58*	
22 13 16 00-0099	EA	8" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend	788.99	198.83
		For Above Ground Cast Iron Pipe Installation, Add	*14.90*	
		For Work In Restricted Working Space, Add	*89.42*	
		For Extra Heavy Fittings, Add	*171.82*	
22 13 16 00-0100	EA	10" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend	1,139.79	260.72
		For Above Ground Cast Iron Pipe Installation, Add	*19.54*	
		For Work In Restricted Working Space, Add	*117.24*	
		For Extra Heavy Fittings, Add	*262.14*	
22 13 16 00-0101	EA	12" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend	1,528.84	335.13
		For Above Ground Cast Iron Pipe Installation, Add	*25.12*	
		For Work In Restricted Working Space, Add	*150.74*	
		For Extra Heavy Fittings, Add	*359.23*	

22 13 16 00-0102 Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bends *(22 13 16 00-0029)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0103	EA	3" x 2" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	158.34	73.76
		For Above Ground Cast Iron Pipe Installation, Add	*5.53*	
		For Work In Restricted Working Space, Add	*33.19*	
		For Extra Heavy Fittings, Add	*16.70*	
22 13 16 00-0104	EA	4" x 2" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	224.39	91.16
		For Above Ground Cast Iron Pipe Installation, Add	*6.84*	
		For Work In Restricted Working Space, Add	*41.02*	
		For Extra Heavy Fittings, Add	*30.68*	
22 13 16 00-0105	EA	4" x 3" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	242.77	93.46
		For Above Ground Cast Iron Pipe Installation, Add	*7.01*	
		For Work In Restricted Working Space, Add	*42.06*	
		For Extra Heavy Fittings, Add	*35.90*	
22 13 16 00-0106	EA	6" x 2" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	369.14	123.96
		For Above Ground Cast Iron Pipe Installation, Add	*9.29*	
		For Work In Restricted Working Space, Add	*55.73*	
		For Extra Heavy Fittings, Add	*64.18*	
22 13 16 00-0107	EA	6" x 3" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	384.60	126.24
		For Above Ground Cast Iron Pipe Installation, Add	*9.47*	
		For Work In Restricted Working Space, Add	*56.79*	
		For Extra Heavy Fittings, Add	*68.36*	
22 13 16 00-0108	EA	6" x 4" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	407.66	134.68
		For Above Ground Cast Iron Pipe Installation, Add	*10.10*	
		For Work In Restricted Working Space, Add	*60.58*	
		For Extra Heavy Fittings, Add	*72.01*	
22 13 16 00-0109	EA	8" x 2" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	562.53	148.49
		For Above Ground Cast Iron Pipe Installation, Add	*11.13*	
		For Work In Restricted Working Space, Add	*66.79*	
		For Extra Heavy Fittings, Add	*118.97*	
22 13 16 00-0110	EA	8" x 4" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	577.56	158.50
		For Above Ground Cast Iron Pipe Installation, Add	*11.88*	
		For Work In Restricted Working Space, Add	*71.30*	
		For Extra Heavy Fittings, Add	*118.97*	
22 13 16 00-0111	EA	8" x 6" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	731.01	176.31
		For Above Ground Cast Iron Pipe Installation, Add	*13.22*	
		For Work In Restricted Working Space, Add	*79.31*	
		For Extra Heavy Fittings, Add	*163.32*	

22 13 16 00-0112 Bell And Spigot Cast Iron Double Wyes *(22 13 16 00-0029)*

22 13 16 00-0113	EA	2" Bell And Spigot Cast Iron Double Wye	244.15	84.44
		For Above Ground Cast Iron Pipe Installation, Add	*6.33*	
		For Work In Restricted Working Space, Add	*37.96*	
		For Extra Heavy Fittings, Add	*41.16*	
22 13 16 00-0114	EA	3" Bell And Spigot Cast Iron Double Wye	357.01	106.45
		For Above Ground Cast Iron Pipe Installation, Add	*7.98*	
		For Work In Restricted Working Space, Add	*47.87*	
		For Extra Heavy Fittings, Add	*69.11*	
22 13 16 00-0115	EA	4" Bell And Spigot Cast Iron Double Wye	485.43	134.64
		For Above Ground Cast Iron Pipe Installation, Add	*10.10*	
		For Work In Restricted Working Space, Add	*60.58*	
		For Extra Heavy Fittings, Add	*99.23*	
22 13 16 00-0116	EA	6" Bell And Spigot Cast Iron Double Wye	947.59	212.56
		For Above Ground Cast Iron Pipe Installation, Add	*15.94*	
		For Work In Restricted Working Space, Add	*95.61*	
		For Extra Heavy Fittings, Add	*220.11*	
22 13 16 00-0117	EA	8" Bell And Spigot Cast Iron Double Wye	1,904.94	249.61
		For Above Ground Cast Iron Pipe Installation, Add	*18.71*	
		For Work In Restricted Working Space, Add	*112.25*	
		For Extra Heavy Fittings, Add	*535.77*	
22 13 16 00-0118	EA	10" Bell And Spigot Cast Iron Double Wye	2,527.63	279.29
		For Above Ground Cast Iron Pipe Installation, Add	*20.94*	
		For Work In Restricted Working Space, Add	*125.62*	
		For Extra Heavy Fittings, Add	*738.12*	
22 13 16 00-0119	EA	12" Bell And Spigot Cast Iron Double Wye	1,743.97	335.13
		For Above Ground Cast Iron Pipe Installation, Add	*25.12*	
		For Work In Restricted Working Space, Add	*150.74*	
		For Extra Heavy Fittings, Add	*434.53*	
22 13 16 00-0120	EA	15" Bell And Spigot Cast Iron Double Wye	4,953.91	351.73
		For Above Ground Cast Iron Pipe Installation, Add	*26.38*	
		For Work In Restricted Working Space, Add	*158.28*	
		For Extra Heavy Fittings, Add	*1,549.21*	

22 13 16 00-0121 Bell And Spigot Cast Iron Reducing Double Wyes *(22 13 16 00-0029)*

22 13 16 00-0122	EA	3" x 2" Bell And Spigot Cast Iron Reducing Double Wye	219.13	99.85
		For Above Ground Cast Iron Pipe Installation, Add	*7.49*	
		For Work In Restricted Working Space, Add	*44.92*	
		For Extra Heavy Fittings, Add	*24.29*	
22 13 16 00-0123	EA	4" x 2" Bell And Spigot Cast Iron Reducing Double Wye	254.78	114.71
		For Above Ground Cast Iron Pipe Installation, Add	*8.60*	
		For Work In Restricted Working Space, Add	*51.61*	
		For Extra Heavy Fittings, Add	*28.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0124	EA	4" x 3" Bell And Spigot Cast Iron Reducing Double Wye	276.36	120.33
		For Above Ground Cast Iron Pipe Installation, Add	*9.02*	
		For Work In Restricted Working Space, Add	*54.14*	
		For Extra Heavy Fittings, Add	*33.56*	
22 13 16 00-0125	EA	6" x 2" Bell And Spigot Cast Iron Reducing Double Wye	364.13	147.45
		For Above Ground Cast Iron Pipe Installation, Add	*11.05*	
		For Work In Restricted Working Space, Add	*66.31*	
		For Extra Heavy Fittings, Add	*50.09*	
22 13 16 00-0126	EA	6" x 3" Bell And Spigot Cast Iron Reducing Double Wye	386.19	153.07
		For Above Ground Cast Iron Pipe Installation, Add	*11.47*	
		For Work In Restricted Working Space, Add	*68.84*	
		For Extra Heavy Fittings, Add	*54.86*	
22 13 16 00-0127	EA	6" x 4" Bell And Spigot Cast Iron Reducing Double Wye	444.84	166.92
		For Above Ground Cast Iron Pipe Installation, Add	*12.51*	
		For Work In Restricted Working Space, Add	*75.07*	
		For Extra Heavy Fittings, Add	*68.11*	
22 13 16 00-0128	EA	8" x 4" Bell And Spigot Cast Iron Reducing Double Wye	720.42	192.35
		For Above Ground Cast Iron Pipe Installation, Add	*14.42*	
		For Work In Restricted Working Space, Add	*86.49*	
		For Extra Heavy Fittings, Add	*151.24*	
22 13 16 00-0129	EA	8" x 6" Bell And Spigot Cast Iron Reducing Double Wye	783.55	227.63
		For Above Ground Cast Iron Pipe Installation, Add	*17.07*	
		For Work In Restricted Working Space, Add	*102.41*	
		For Extra Heavy Fittings, Add	*154.77*	
22 13 16 00-0130	EA	10" x 4" Bell And Spigot Cast Iron Reducing Double Wye	767.39	205.75
		For Above Ground Cast Iron Pipe Installation, Add	*15.43*	
		For Work In Restricted Working Space, Add	*92.56*	
		For Extra Heavy Fittings, Add	*160.60*	
22 13 16 00-0131	EA	10" x 6" Bell And Spigot Cast Iron Reducing Double Wye	894.23	241.70
		For Above Ground Cast Iron Pipe Installation, Add	*18.12*	
		For Work In Restricted Working Space, Add	*108.74*	
		For Extra Heavy Fittings, Add	*186.12*	
22 13 16 00-0132	EA	10" x 8" Bell And Spigot Cast Iron Reducing Double Wye	1,104.07	263.46
		For Above Ground Cast Iron Pipe Installation, Add	*19.75*	
		For Work In Restricted Working Space, Add	*118.51*	
		For Extra Heavy Fittings, Add	*248.17*	
22 13 16 00-0133	EA	12" x 6" Bell And Spigot Cast Iron Reducing Double Wye	1,127.69	269.51
		For Above Ground Cast Iron Pipe Installation, Add	*20.20*	
		For Work In Restricted Working Space, Add	*121.23*	
		For Extra Heavy Fittings, Add	*253.26*	
22 13 16 00-0134	EA	12" x 8" Bell And Spigot Cast Iron Reducing Double Wye	1,444.71	293.25
		For Above Ground Cast Iron Pipe Installation, Add	*21.98*	
		For Work In Restricted Working Space, Add	*131.90*	
		For Extra Heavy Fittings, Add	*351.77*	

22 13 16 00-0135 Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bends *(22 13 16 00-0029)*

22 13 16 00-0136	EA	2" Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bend	201.99	84.44
		For Above Ground Cast Iron Pipe Installation, Add	*6.33*	
		For Work In Restricted Working Space, Add	*37.96*	
		For Extra Heavy Fittings, Add	*26.41*	
22 13 16 00-0137	EA	3" Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bend	272.12	112.95
		For Above Ground Cast Iron Pipe Installation, Add	*8.47*	
		For Work In Restricted Working Space, Add	*50.81*	
		For Extra Heavy Fittings, Add	*35.96*	
22 13 16 00-0138	EA	4" Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bend	356.31	141.25
		For Above Ground Cast Iron Pipe Installation, Add	*10.59*	
		For Work In Restricted Working Space, Add	*63.51*	
		For Extra Heavy Fittings, Add	*50.61*	
22 13 16 00-0139	EA	6" Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bend	804.44	237.55
		For Above Ground Cast Iron Pipe Installation, Add	*17.81*	
		For Work In Restricted Working Space, Add	*106.85*	
		For Extra Heavy Fittings, Add	*156.89*	

22 13 16 00-0140 Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bends *(22 13 16 00-0029)*

22 13 16 00-0141	EA	3" x 2" Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bend	271.08	101.29
		For Above Ground Cast Iron Pipe Installation, Add	*7.59*	
		For Work In Restricted Working Space, Add	*45.54*	
		For Extra Heavy Fittings, Add	*41.74*	
22 13 16 00-0142	EA	4" x 2" Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bend	322.29	114.71
		For Above Ground Cast Iron Pipe Installation, Add	*8.60*	
		For Work In Restricted Working Space, Add	*51.61*	
		For Extra Heavy Fittings, Add	*52.59*	
22 13 16 00-0143	EA	4" x 3" Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bend	361.95	127.71
		For Above Ground Cast Iron Pipe Installation, Add	*9.57*	
		For Work In Restricted Working Space, Add	*57.42*	
		For Extra Heavy Fittings, Add	*59.69*	
22 13 16 00-0144	EA	6" x 4" Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bend	744.24	177.19
		For Above Ground Cast Iron Pipe Installation, Add	*13.28*	
		For Work In Restricted Working Space, Add	*79.71*	
		For Extra Heavy Fittings, Add	*167.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0145		**Bell And Spigot Cast Iron Sanitary Tees** *(22 13 16 00-0029)*		
22 13 16 00-0146	EA	2" Bell And Spigot Cast Iron Sanitary Tee	164.75	70.68
		For Above Ground Cast Iron Pipe Installation, Add	*5.30*	
		For Work In Restricted Working Space, Add	*31.79*	
		For Extra Heavy Fittings, Add	*20.58*	
22 13 16 00-0147	EA	3" Bell And Spigot Cast Iron Sanitary Tee	187.68	77.29
		For Above Ground Cast Iron Pipe Installation, Add	*5.79*	
		For Work In Restricted Working Space, Add	*34.76*	
		For Extra Heavy Fittings, Add	*25.13*	
22 13 16 00-0148	EA	4" Bell And Spigot Cast Iron Sanitary Tee	305.43	94.68
		For Above Ground Cast Iron Pipe Installation, Add	*7.10*	
		For Work In Restricted Working Space, Add	*42.61*	
		For Extra Heavy Fittings, Add	*57.19*	
22 13 16 00-0149	EA	5" Bell And Spigot Cast Iron Sanitary Tee	452.86	107.96
		For Above Ground Cast Iron Pipe Installation, Add	*8.10*	
		For Work In Restricted Working Space, Add	*48.58*	
		For Extra Heavy Fittings, Add	*101.82*	
22 13 16 00-0150	EA	6" Bell And Spigot Cast Iron Sanitary Tee	543.27	129.49
		For Above Ground Cast Iron Pipe Installation, Add	*9.71*	
		For Work In Restricted Working Space, Add	*58.25*	
		For Extra Heavy Fittings, Add	*122.19*	
22 13 16 00-0151	EA	8" Bell And Spigot Cast Iron Sanitary Tee	1,172.17	168.72
		For Above Ground Cast Iron Pipe Installation, Add	*12.65*	
		For Work In Restricted Working Space, Add	*75.89*	
		For Extra Heavy Fittings, Add	*321.72*	
22 13 16 00-0152	EA	10" Bell And Spigot Cast Iron Sanitary Tee	1,764.39	205.75
		For Above Ground Cast Iron Pipe Installation, Add	*15.43*	
		For Work In Restricted Working Space, Add	*92.56*	
		For Extra Heavy Fittings, Add	*509.55*	
22 13 16 00-0153	EA	12" Bell And Spigot Cast Iron Sanitary Tee	2,636.63	241.70
		For Above Ground Cast Iron Pipe Installation, Add	*18.12*	
		For Work In Restricted Working Space, Add	*108.74*	
		For Extra Heavy Fittings, Add	*795.96*	
22 13 16 00-0154		**Bell And Spigot Cast Iron Reducing Sanitary Tees** *(22 13 16 00-0029)*		
22 13 16 00-0155	EA	3" x 2" Bell And Spigot Cast Iron Reducing Sanitary Tee	223.28	73.76
		For Above Ground Cast Iron Pipe Installation, Add	*5.53*	
		For Work In Restricted Working Space, Add	*33.19*	
		For Extra Heavy Fittings, Add	*39.43*	
22 13 16 00-0156	EA	4" x 2" Bell And Spigot Cast Iron Reducing Sanitary Tee	264.46	86.42
		For Above Ground Cast Iron Pipe Installation, Add	*6.48*	
		For Work In Restricted Working Space, Add	*38.86*	
		For Extra Heavy Fittings, Add	*47.23*	
22 13 16 00-0157	EA	4" x 3" Bell And Spigot Cast Iron Reducing Sanitary Tee	277.46	86.42
		For Above Ground Cast Iron Pipe Installation, Add	*6.48*	
		For Work In Restricted Working Space, Add	*38.86*	
		For Extra Heavy Fittings, Add	*51.78*	
22 13 16 00-0158	EA	6" x 2" Bell And Spigot Cast Iron Reducing Sanitary Tee	428.41	123.96
		For Above Ground Cast Iron Pipe Installation, Add	*9.29*	
		For Work In Restricted Working Space, Add	*55.73*	
		For Extra Heavy Fittings, Add	*84.92*	
22 13 16 00-0159	EA	6" x 3" Bell And Spigot Cast Iron Reducing Sanitary Tee	446.18	126.24
		For Above Ground Cast Iron Pipe Installation, Add	*9.47*	
		For Work In Restricted Working Space, Add	*56.79*	
		For Extra Heavy Fittings, Add	*89.91*	
22 13 16 00-0160	EA	6" x 4" Bell And Spigot Cast Iron Reducing Sanitary Tee	484.19	134.68
		For Above Ground Cast Iron Pipe Installation, Add	*10.10*	
		For Work In Restricted Working Space, Add	*60.58*	
		For Extra Heavy Fittings, Add	*98.79*	
22 13 16 00-0161	EA	8" x 4" Bell And Spigot Cast Iron Reducing Sanitary Tee	828.16	158.50
		For Above Ground Cast Iron Pipe Installation, Add	*11.88*	
		For Work In Restricted Working Space, Add	*71.30*	
		For Extra Heavy Fittings, Add	*206.68*	
22 13 16 00-0162	EA	8" x 6" Bell And Spigot Cast Iron Reducing Sanitary Tee	1,041.21	176.31
		For Above Ground Cast Iron Pipe Installation, Add	*13.22*	
		For Work In Restricted Working Space, Add	*79.31*	
		For Extra Heavy Fittings, Add	*271.89*	
22 13 16 00-0163		**Bell And Spigot Cast Iron Vent Tees** *(22 13 16 00-0029)*		
22 13 16 00-0164	EA	2" Bell And Spigot Cast Iron Vent Tee	140.21	70.57
		For Above Ground Cast Iron Pipe Installation, Add	*5.29*	
		For Work In Restricted Working Space, Add	*31.76*	
		For Extra Heavy Fittings, Add	*12.02*	
22 13 16 00-0165	EA	3" Bell And Spigot Cast Iron Vent Tee	175.67	77.29
		For Above Ground Cast Iron Pipe Installation, Add	*5.79*	
		For Work In Restricted Working Space, Add	*34.76*	
		For Extra Heavy Fittings, Add	*20.93*	
22 13 16 00-0166	EA	4" Bell And Spigot Cast Iron Vent Tee	232.84	101.29
		For Above Ground Cast Iron Pipe Installation, Add	*7.59*	
		For Work In Restricted Working Space, Add	*45.54*	
		For Extra Heavy Fittings, Add	*28.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0167	EA	5" Bell And Spigot Cast Iron Vent Tee	304.42	122.45
		For Above Ground Cast Iron Pipe Installation, Add	*9.18*	
		For Work In Restricted Working Space, Add	*55.06*	
		For Extra Heavy Fittings, Add	*42.31*	
22 13 16 00-0168	EA	6" Bell And Spigot Cast Iron Vent Tee	383.41	151.88
		For Above Ground Cast Iron Pipe Installation, Add	*11.38*	
		For Work In Restricted Working Space, Add	*68.30*	
		For Extra Heavy Fittings, Add	*54.51*	
22 13 16 00-0169	EA	8" Bell And Spigot Cast Iron Vent Tee	660.49	198.83
		For Above Ground Cast Iron Pipe Installation, Add	*14.90*	
		For Work In Restricted Working Space, Add	*89.42*	
		For Extra Heavy Fittings, Add	*126.85*	

22 13 16 00-0170 Bell And Spigot Cast Iron Tapped Sanitary Tees *(22 13 16 00-0029)*

22 13 16 00-0171	EA	2" Bell And Spigot Cast Iron Tapped Sanitary Tee	144.24	70.57
		For Above Ground Cast Iron Pipe Installation, Add	*5.29*	
		For Work In Restricted Working Space, Add	*31.76*	
		For Extra Heavy Fittings, Add	*13.43*	
22 13 16 00-0172	EA	3" Bell And Spigot Cast Iron Tapped Sanitary Tee	159.27	77.29
		For Above Ground Cast Iron Pipe Installation, Add	*5.79*	
		For Work In Restricted Working Space, Add	*34.76*	
		For Extra Heavy Fittings, Add	*15.19*	
22 13 16 00-0173	EA	4" Bell And Spigot Cast Iron Tapped Sanitary Tee	205.29	101.29
		For Above Ground Cast Iron Pipe Installation, Add	*7.59*	
		For Work In Restricted Working Space, Add	*45.54*	
		For Extra Heavy Fittings, Add	*18.72*	

22 13 16 00-0174 Bell And Spigot Cast Iron Tapped Sanitary Crosses *(22 13 16 00-0029)*

22 13 16 00-0175	EA	2" Bell And Spigot Cast Iron Tapped Sanitary Cross	146.78	70.57
		For Above Ground Cast Iron Pipe Installation, Add	*5.29*	
		For Work In Restricted Working Space, Add	*31.76*	
		For Extra Heavy Fittings, Add	*14.32*	
22 13 16 00-0176	EA	3" Bell And Spigot Cast Iron Tapped Sanitary Cross	164.10	77.29
		For Above Ground Cast Iron Pipe Installation, Add	*5.79*	
		For Work In Restricted Working Space, Add	*34.76*	
		For Extra Heavy Fittings, Add	*16.88*	
22 13 16 00-0177	EA	4" Bell And Spigot Cast Iron Tapped Sanitary Cross	217.42	101.29
		For Above Ground Cast Iron Pipe Installation, Add	*7.59*	
		For Work In Restricted Working Space, Add	*45.54*	
		For Extra Heavy Fittings, Add	*22.96*	

22 13 16 00-0178 Bell And Spigot Cast Iron Reducers *(22 13 16 00-0029)*

22 13 16 00-0179	EA	3" x 2" Bell And Spigot Cast Iron Reducer	81.24	39.74
		For Above Ground Cast Iron Pipe Installation, Add	*2.98*	
		For Work In Restricted Working Space, Add	*17.85*	
		For Extra Heavy Fittings, Add	*7.61*	
22 13 16 00-0180	EA	4" x 2" Bell And Spigot Cast Iron Reducer	101.36	52.40
		For Above Ground Cast Iron Pipe Installation, Add	*3.93*	
		For Work In Restricted Working Space, Add	*23.59*	
		For Extra Heavy Fittings, Add	*7.95*	
22 13 16 00-0181	EA	4" x 3" Bell And Spigot Cast Iron Reducer	108.73	52.84
		For Above Ground Cast Iron Pipe Installation, Add	*3.96*	
		For Work In Restricted Working Space, Add	*23.76*	
		For Extra Heavy Fittings, Add	*10.34*	
22 13 16 00-0182	EA	6" x 2" Bell And Spigot Cast Iron Reducer	141.24	65.55
		For Above Ground Cast Iron Pipe Installation, Add	*4.92*	
		For Work In Restricted Working Space, Add	*29.50*	
		For Extra Heavy Fittings, Add	*15.02*	
22 13 16 00-0183	EA	6" x 3" Bell And Spigot Cast Iron Reducer	147.85	66.42
		For Above Ground Cast Iron Pipe Installation, Add	*4.98*	
		For Work In Restricted Working Space, Add	*29.89*	
		For Extra Heavy Fittings, Add	*16.88*	
22 13 16 00-0184	EA	6" x 4" Bell And Spigot Cast Iron Reducer	152.64	67.83
		For Above Ground Cast Iron Pipe Installation, Add	*5.08*	
		For Work In Restricted Working Space, Add	*30.49*	
		For Extra Heavy Fittings, Add	*17.85*	
22 13 16 00-0185	EA	8" x 2" Bell And Spigot Cast Iron Reducer	198.94	69.88
		For Above Ground Cast Iron Pipe Installation, Add	*5.24*	
		For Work In Restricted Working Space, Add	*31.44*	
		For Extra Heavy Fittings, Add	*32.95*	
22 13 16 00-0186	EA	8" x 3" Bell And Spigot Cast Iron Reducer	223.50	85.62
		For Above Ground Cast Iron Pipe Installation, Add	*6.42*	
		For Work In Restricted Working Space, Add	*38.51*	
		For Extra Heavy Fittings, Add	*33.30*	
22 13 16 00-0187	EA	8" x 4" Bell And Spigot Cast Iron Reducer	229.39	87.82
		For Above Ground Cast Iron Pipe Installation, Add	*6.59*	
		For Work In Restricted Working Space, Add	*39.51*	
		For Extra Heavy Fittings, Add	*34.19*	
22 13 16 00-0188	EA	8" x 6" Bell And Spigot Cast Iron Reducer	236.86	91.67
		For Above Ground Cast Iron Pipe Installation, Add	*6.87*	
		For Work In Restricted Working Space, Add	*41.22*	
		For Extra Heavy Fittings, Add	*34.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0189	EA	10" x 4" Bell And Spigot Cast Iron Reducer	296.64	102.88
		For Above Ground Cast Iron Pipe Installation, Add	*7.71*	
		For Work In Restricted Working Space, Add	*46.28*	
		For Extra Heavy Fittings, Add	*49.83*	
22 13 16 00-0190	EA	10" x 6" Bell And Spigot Cast Iron Reducer	312.78	108.05
		For Above Ground Cast Iron Pipe Installation, Add	*8.10*	
		For Work In Restricted Working Space, Add	*48.62*	
		For Extra Heavy Fittings, Add	*52.75*	
22 13 16 00-0191	EA	10" x 8" Bell And Spigot Cast Iron Reducer	333.44	112.77
		For Above Ground Cast Iron Pipe Installation, Add	*8.46*	
		For Work In Restricted Working Space, Add	*50.73*	
		For Extra Heavy Fittings, Add	*57.52*	
22 13 16 00-0192	EA	12" x 4" Bell And Spigot Cast Iron Reducer	415.62	122.23
		For Above Ground Cast Iron Pipe Installation, Add	*9.16*	
		For Work In Restricted Working Space, Add	*54.96*	
		For Extra Heavy Fittings, Add	*81.35*	
22 13 16 00-0193	EA	12" x 6" Bell And Spigot Cast Iron Reducer	463.05	143.00
		For Above Ground Cast Iron Pipe Installation, Add	*10.72*	
		For Work In Restricted Working Space, Add	*64.34*	
		For Extra Heavy Fittings, Add	*87.01*	
22 13 16 00-0194	EA	12" x 8" Bell And Spigot Cast Iron Reducer	500.20	162.89
		For Above Ground Cast Iron Pipe Installation, Add	*12.21*	
		For Work In Restricted Working Space, Add	*73.28*	
		For Extra Heavy Fittings, Add	*89.58*	
22 13 16 00-0195	EA	12" x 10" Bell And Spigot Cast Iron Reducer	547.33	187.62
		For Above Ground Cast Iron Pipe Installation, Add	*14.06*	
		For Work In Restricted Working Space, Add	*84.39*	
		For Extra Heavy Fittings, Add	*93.11*	

22 13 16 00-0196 Bell And Spigot Cast Iron P-Traps *(22 13 16 00-0029)*

22 13 16 00-0197	EA	2" Bell And Spigot Cast Iron P-Trap	84.49	31.59
		For Above Ground Cast Iron Pipe Installation, Add	*2.37*	
		For Work In Restricted Working Space, Add	*14.21*	
		For Extra Heavy Fittings, Add	*13.00*	
22 13 16 00-0198	EA	3" Bell And Spigot Cast Iron P-Trap	113.55	39.74
		For Above Ground Cast Iron Pipe Installation, Add	*2.98*	
		For Work In Restricted Working Space, Add	*17.85*	
		For Extra Heavy Fittings, Add	*18.91*	
22 13 16 00-0199	EA	4" Bell And Spigot Cast Iron P-Trap	154.90	52.84
		For Above Ground Cast Iron Pipe Installation, Add	*3.96*	
		For Work In Restricted Working Space, Add	*23.76*	
		For Extra Heavy Fittings, Add	*26.50*	
22 13 16 00-0200	EA	5" Bell And Spigot Cast Iron P-Trap	253.25	60.68
		For Above Ground Cast Iron Pipe Installation, Add	*4.55*	
		For Work In Restricted Working Space, Add	*27.29*	
		For Extra Heavy Fittings, Add	*56.81*	
22 13 16 00-0201	EA	6" Bell And Spigot Cast Iron P-Trap	340.74	71.39
		For Above Ground Cast Iron Pipe Installation, Add	*5.35*	
		For Work In Restricted Working Space, Add	*32.10*	
		For Extra Heavy Fittings, Add	*81.81*	
22 13 16 00-0202	EA	8" Bell And Spigot Cast Iron P-Trap	761.33	91.67
		For Above Ground Cast Iron Pipe Installation, Add	*6.87*	
		For Work In Restricted Working Space, Add	*41.22*	
		For Extra Heavy Fittings, Add	*218.38*	
22 13 16 00-0203	EA	10" Bell And Spigot Cast Iron P-Trap	843.18	112.77
		For Above Ground Cast Iron Pipe Installation, Add	*8.46*	
		For Work In Restricted Working Space, Add	*50.73*	
		For Extra Heavy Fittings, Add	*235.93*	

22 13 16 00-0204 Bell And Spigot Cast Iron Deep Seal P-Traps *(22 13 16 00-0029)*

22 13 16 00-0205	EA	2" Bell And Spigot Cast Iron Deep Seal P-Trap	98.60	31.59
		For Above Ground Cast Iron Pipe Installation, Add	*2.37*	
		For Work In Restricted Working Space, Add	*14.21*	
		For Extra Heavy Fittings, Add	*17.94*	
22 13 16 00-0206	EA	3" Bell And Spigot Cast Iron Deep Seal P-Trap	141.28	39.74
		For Above Ground Cast Iron Pipe Installation, Add	*2.98*	
		For Work In Restricted Working Space, Add	*17.85*	
		For Extra Heavy Fittings, Add	*28.62*	
22 13 16 00-0207	EA	4" Bell And Spigot Cast Iron Deep Seal P-Trap	206.46	52.84
		For Above Ground Cast Iron Pipe Installation, Add	*3.96*	
		For Work In Restricted Working Space, Add	*23.76*	
		For Extra Heavy Fittings, Add	*44.54*	
22 13 16 00-0208	EA	5" Bell And Spigot Cast Iron Deep Seal P-Trap	345.46	67.83
		For Above Ground Cast Iron Pipe Installation, Add	*5.08*	
		For Work In Restricted Working Space, Add	*30.49*	
		For Extra Heavy Fittings, Add	*85.34*	
22 13 16 00-0209	EA	6" Bell And Spigot Cast Iron Deep Seal P-Trap	366.34	75.62
		For Above Ground Cast Iron Pipe Installation, Add	*5.67*	
		For Work In Restricted Working Space, Add	*34.03*	
		For Extra Heavy Fittings, Add	*88.52*	

22 13 16 00-0210 Bell And Spigot Cast Iron Running Traps With Single Vent *(22 13 16 00-0029)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0211	EA	3" x 3" Bell And Spigot Cast Iron Running Trap With Single Vent	226.81	76.29
		For Above Ground Cast Iron Pipe Installation, Add	*5.79*	
		For Work In Restricted Working Space, Add	*34.76*	
22 13 16 00-0212	EA	4" x 4" Bell And Spigot Cast Iron Running Trap With Single Vent	302.82	100.29
		For Above Ground Cast Iron Pipe Installation, Add	*7.59*	
		For Work In Restricted Working Space, Add	*45.54*	
22 13 16 00-0213	EA	5" x 4" Bell And Spigot Cast Iron Running Trap With Single Vent	418.52	117.81
		For Above Ground Cast Iron Pipe Installation, Add	*8.90*	
		For Work In Restricted Working Space, Add	*53.42*	
22 13 16 00-0214	EA	6" x 4" Bell And Spigot Cast Iron Running Trap With Single Vent	849.15	133.49
		For Above Ground Cast Iron Pipe Installation, Add	*10.10*	
		For Work In Restricted Working Space, Add	*60.58*	
22 13 16 00-0215	EA	8" x 4" Bell And Spigot Cast Iron Running Trap With Single Vent	2,807.13	156.73
		For Above Ground Cast Iron Pipe Installation, Add	*11.88*	
		For Work In Restricted Working Space, Add	*71.30*	
22 13 16 00-0216	EA	8" x 6" Bell And Spigot Cast Iron Running Trap With Single Vent	3,039.03	174.88
		For Above Ground Cast Iron Pipe Installation, Add	*13.22*	
		For Work In Restricted Working Space, Add	*79.31*	

22 13 16 00-0217 Bell And Spigot Cast Running Traps With Double Vent *(22 13 16 00-0029)*

22 13 16 00-0218	EA	3" x 3" Bell And Spigot Cast Iron Running Trap With Double Vent	289.16	105.36
		For Above Ground Cast Iron Pipe Installation, Add	*7.98*	
		For Work In Restricted Working Space, Add	*47.87*	
22 13 16 00-0219	EA	4" x 4" Bell And Spigot Cast Iron Running Trap With Double Vent	396.35	132.99
		For Above Ground Cast Iron Pipe Installation, Add	*10.10*	
		For Work In Restricted Working Space, Add	*60.58*	
22 13 16 00-0220	EA	6" x 4" Bell And Spigot Cast Iron Running Trap With Double Vent	945.25	164.96
		For Above Ground Cast Iron Pipe Installation, Add	*12.51*	
		For Work In Restricted Working Space, Add	*75.07*	
22 13 16 00-0221	EA	6" x 6" Bell And Spigot Cast Iron Running Trap With Double Vent	1,095.72	199.69
		For Above Ground Cast Iron Pipe Installation, Add	*15.13*	
		For Work In Restricted Working Space, Add	*90.78*	
22 13 16 00-0222	EA	8" x 4" Bell And Spigot Cast Iron Running Trap With Double Vent	3,021.62	190.04
		For Above Ground Cast Iron Pipe Installation, Add	*14.42*	
		For Work In Restricted Working Space, Add	*86.49*	
22 13 16 00-0223	EA	8" x 6" Bell And Spigot Cast Iron Running Trap With Double Vent	3,314.28	225.66
		For Above Ground Cast Iron Pipe Installation, Add	*17.07*	
		For Work In Restricted Working Space, Add	*102.41*	
22 13 16 00-0224	EA	10" x 8" Bell And Spigot Cast Iron Running Trap With Double Vent	4,411.52	260.39
		For Above Ground Cast Iron Pipe Installation, Add	*19.75*	
		For Work In Restricted Working Space, Add	*118.51*	
22 13 16 00-0225	EA	12" x 10" Bell And Spigot Cast Iron Running Trap With Double Vent	6,111.19	301.05
		For Above Ground Cast Iron Pipe Installation, Add	*22.80*	
		For Work In Restricted Working Space, Add	*136.82*	
22 13 16 00-0226	EA	15" x 12" Bell And Spigot Cast Iron Running Trap With Double Vent	11,917.35	348.21
		For Above Ground Cast Iron Pipe Installation, Add	*26.39*	
		For Work In Restricted Working Space, Add	*158.34*	

22 13 16 00-0227 Bell And Spigot Cast Iron Scission Joint Fittings *(22 13 16 00-0029)*

22 13 16 00-0228	EA	2" Bell And Spigot Cast Iron Scission Joint Fitting	179.79	
		For Above Ground Cast Iron Pipe Installation, Add	*2.36*	
		For Work In Restricted Working Space, Add	*14.17*	
22 13 16 00-0229	EA	3" Bell And Spigot Cast Iron Scission Joint Fitting	249.20	
		For Above Ground Cast Iron Pipe Installation, Add	*2.65*	
		For Work In Restricted Working Space, Add	*15.92*	
22 13 16 00-0230	EA	4" Bell And Spigot Cast Iron Scission Joint Fitting	286.79	
		For Above Ground Cast Iron Pipe Installation, Add	*3.55*	
		For Work In Restricted Working Space, Add	*21.32*	
22 13 16 00-0231	EA	5" Bell And Spigot Cast Iron Scission Joint Fitting	354.67	
		For Above Ground Cast Iron Pipe Installation, Add	*4.13*	
		For Work In Restricted Working Space, Add	*24.77*	
22 13 16 00-0232	EA	6" Bell And Spigot Cast Iron Scission Joint Fitting	430.77	
		For Above Ground Cast Iron Pipe Installation, Add	*4.99*	
		For Work In Restricted Working Space, Add	*29.93*	
22 13 16 00-0233	EA	8" Bell And Spigot Cast Iron Scission Joint Fitting	822.21	
		For Above Ground Cast Iron Pipe Installation, Add	*6.30*	
		For Work In Restricted Working Space, Add	*37.82*	

22 13 16 00-0234 Cut And Prepare Existing In-Place Cast Iron Pipe *(22 13 16 00-0019)*

Note: For use when connecting pipe to an existing in-place system.

22 13 16 00-0235	EA	2", Cut And Prepare Existing In-Place Cast Iron Pipe	13.15	
		For Above Ground Cast Iron Pipe Installation, Add	*0.66*	
		For Work In Restricted Working Space, Add	*3.95*	
22 13 16 00-0236	EA	3", Cut And Prepare Existing In-Place Cast Iron Pipe	14.35	
		For Above Ground Cast Iron Pipe Installation, Add	*0.72*	
		For Work In Restricted Working Space, Add	*4.31*	
22 13 16 00-0237	EA	4", Cut And Prepare Existing In-Place Cast Iron Pipe	17.93	
		For Above Ground Cast Iron Pipe Installation, Add	*0.90*	
		For Work In Restricted Working Space, Add	*5.38*	
22 13 16 00-0238	EA	6", Cut And Prepare Existing In-Place Cast Iron Pipe	21.52	
		For Above Ground Cast Iron Pipe Installation, Add	*1.08*	
		For Work In Restricted Working Space, Add	*6.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0239	EA	8", Cut And Prepare Existing In-Place Cast Iron Pipe	28.69	
		For Above Ground Cast Iron Pipe Installation, Add	*1.43*	
		For Work In Restricted Working Space, Add	*8.61*	
22 13 16 00-0240	EA	10", Cut And Prepare Existing In-Place Cast Iron Pipe	33.47	
		For Above Ground Cast Iron Pipe Installation, Add	*1.67*	
		For Work In Restricted Working Space, Add	*10.04*	
22 13 16 00-0241	EA	12", Cut And Prepare Existing In-Place Cast Iron Pipe	39.45	
		For Above Ground Cast Iron Pipe Installation, Add	*1.97*	
		For Work In Restricted Working Space, Add	*11.84*	

22 13 16 00-0242 Joint Material *(22 13 16 00-0019)*

Note: Labor costs are included in the installation costs for fittings.

22 13 16 00-0243	LB	Lead (1 Lb./Diameter Inch) Joint Material	6.73	
22 13 16 00-0244	LB	Oakum (1/8 Lb./Diameter Inch) Joint Material	12.82	
22 13 16 00-0245	EA	2" Dual Tite Rubber Gasket	3.32	
22 13 16 00-0246	EA	3" Dual Tite Rubber Gasket	4.55	
22 13 16 00-0247	EA	4" Dual Tite Rubber Gasket	5.65	
22 13 16 00-0248	EA	6" Dual Tite Rubber Gasket	9.38	
22 13 16 00-0249	EA	8" Dual Tite Rubber Gasket	20.68	
22 13 16 00-0250	EA	10" Dual Tite Rubber Gasket	31.72	
22 13 16 00-0251	EA	12" Dual Tite Rubber Gasket	40.40	

22 13 16 00-0252 No Hub Cast Iron Soil Pipe And Fittings *(22 13 16)*

Note: Service Weight. Excludes hangers.

22 13 16 00-0253 No Hub Cast Iron Pipe *(22 13 16 00-0252)*

Note: Excludes couplings.

22 13 16 00-0254	LF	1-1/2" No Hub Cast Iron Pipe	21.78	6.61
		For Work In Restricted Working Space, Add	*2.98*	
		For Below Ground Installation, Add	*0.50*	
22 13 16 00-0255	LF	2" No Hub Cast Iron Pipe	23.09	7.05
		For Work In Restricted Working Space, Add	*3.19*	
		For Below Ground Installation, Add	*0.53*	
22 13 16 00-0256	LF	3" No Hub Cast Iron Pipe	32.64	10.24
		For Work In Restricted Working Space, Add	*4.62*	
		For Below Ground Installation, Add	*0.77*	
22 13 16 00-0257	LF	4" No Hub Cast Iron Pipe	42.33	13.32
		For Work In Restricted Working Space, Add	*6.00*	
		For Below Ground Installation, Add	*1.00*	
22 13 16 00-0258	LF	5" No Hub Cast Iron Pipe	55.91	16.55
		For Work In Restricted Working Space, Add	*7.45*	
		For Below Ground Installation, Add	*1.24*	
22 13 16 00-0259	LF	6" No Hub Cast Iron Pipe	65.50	18.06
		For Work In Restricted Working Space, Add	*8.11*	
		For Below Ground Installation, Add	*1.35*	
22 13 16 00-0260	LF	8" No Hub Cast Iron Pipe	100.24	25.83
		For Work In Restricted Working Space, Add	*11.60*	
		For Below Ground Installation, Add	*1.93*	
22 13 16 00-0261	LF	10" No Hub Cast Iron Pipe	146.07	29.35
		For Work In Restricted Working Space, Add	*13.19*	
		For Below Ground Installation, Add	*2.20*	

22 13 16 00-0262 No Hub Cast Iron Fittings *(22 13 16 00-0252)*

22 13 16 00-0263 No Hub Cast Iron Long Sweeps *(22 13 16 00-0262)*

22 13 16 00-0264	EA	1-1/2" No Hub Cast Iron Long Sweep	72.16	29.94
		For Work In Restricted Working Space, Add	*13.48*	
		For Below Ground Installation, Add	*2.25*	
22 13 16 00-0265	EA	2" No Hub Cast Iron Long Sweep	74.75	31.26
		For Work In Restricted Working Space, Add	*14.06*	
		For Below Ground Installation, Add	*2.34*	
22 13 16 00-0266	EA	3" No Hub Cast Iron Long Sweep	88.67	35.78
		For Work In Restricted Working Space, Add	*16.11*	
		For Below Ground Installation, Add	*2.69*	
22 13 16 00-0267	EA	4" No Hub Cast Iron Long Sweep	123.14	47.34
		For Work In Restricted Working Space, Add	*21.31*	
		For Below Ground Installation, Add	*3.55*	
22 13 16 00-0268	EA	5" No Hub Cast Iron Long Sweep	177.84	54.62
		For Work In Restricted Working Space, Add	*24.56*	
		For Below Ground Installation, Add	*4.09*	
22 13 16 00-0269	EA	6" No Hub Cast Iron Long Sweep	210.83	65.12
		For Work In Restricted Working Space, Add	*29.31*	
		For Below Ground Installation, Add	*4.89*	
22 13 16 00-0270	EA	8" No Hub Cast Iron Long Sweep	434.89	83.76
		For Work In Restricted Working Space, Add	*37.68*	
		For Below Ground Installation, Add	*6.28*	

22 13 16 00-0271 No Hub Cast Iron Reducing Long Sweeps *(22 13 16 00-0262)*

22 13 16 00-0272	EA	3" x 2" No Hub Cast Iron Reducing Long Sweep	117.48	35.78
		For Work In Restricted Working Space, Add	*16.11*	
		For Below Ground Installation, Add	*2.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0273	EA	4" x 3" No Hub Cast Iron Reducing Long Sweep	178.05	47.34
		For Work In Restricted Working Space, Add	*21.31*	
		For Below Ground Installation, Add	*3.55*	

22 13 16 00-0274 No Hub Cast Iron Short Sweeps *(22 13 16 00-0262)*

22 13 16 00-0275	EA	2" No Hub Cast Iron Short Sweep	68.96	31.26
		For Work In Restricted Working Space, Add	*14.06*	
		For Below Ground Installation, Add	*2.34*	
22 13 16 00-0276	EA	3" No Hub Cast Iron Short Sweep	84.09	35.78
		For Work In Restricted Working Space, Add	*16.11*	
		For Below Ground Installation, Add	*2.69*	
22 13 16 00-0277	EA	4" No Hub Cast Iron Short Sweep	120.74	47.34
		For Work In Restricted Working Space, Add	*21.31*	
		For Below Ground Installation, Add	*3.55*	
22 13 16 00-0278	EA	5" No Hub Cast Iron Short Sweep	178.74	54.62
		For Work In Restricted Working Space, Add	*24.56*	
		For Below Ground Installation, Add	*4.09*	
22 13 16 00-0279	EA	6" No Hub Cast Iron Short Sweep	196.77	65.12
		For Work In Restricted Working Space, Add	*29.31*	
		For Below Ground Installation, Add	*4.89*	
22 13 16 00-0280	EA	8" No Hub Cast Iron Short Sweep	392.39	83.76
		For Work In Restricted Working Space, Add	*37.68*	
		For Below Ground Installation, Add	*6.28*	
22 13 16 00-0281	EA	10" No Hub Cast Iron Short Sweep	645.12	117.28
		For Work In Restricted Working Space, Add	*52.76*	
		For Below Ground Installation, Add	*8.79*	

22 13 16 00-0282 No Hub Cast Iron 1/4 Bends *(22 13 16 00-0262)*

22 13 16 00-0283	EA	1-1/2" No Hub Cast Iron 1/4 Bend	62.09	29.94
		For Work In Restricted Working Space, Add	*13.48*	
		For Below Ground Installation, Add	*2.25*	
22 13 16 00-0284	EA	2" No Hub Cast Iron 1/4 Bend	64.98	31.26
		For Work In Restricted Working Space, Add	*14.06*	
		For Below Ground Installation, Add	*2.34*	
22 13 16 00-0285	EA	3" No Hub Cast Iron 1/4 Bend	77.62	35.78
		For Work In Restricted Working Space, Add	*16.11*	
		For Below Ground Installation, Add	*2.69*	
22 13 16 00-0286	EA	4" No Hub Cast Iron 1/4 Bend	106.45	47.34
		For Work In Restricted Working Space, Add	*21.31*	
		For Below Ground Installation, Add	*3.55*	
22 13 16 00-0287	EA	5" No Hub Cast Iron 1/4 Bend	160.99	54.62
		For Work In Restricted Working Space, Add	*24.56*	
		For Below Ground Installation, Add	*4.09*	
22 13 16 00-0288	EA	6" No Hub Cast Iron 1/4 Bend	185.41	65.12
		For Work In Restricted Working Space, Add	*29.31*	
		For Below Ground Installation, Add	*4.89*	
22 13 16 00-0289	EA	8" No Hub Cast Iron 1/4 Bend	359.30	83.76
		For Work In Restricted Working Space, Add	*37.68*	
		For Below Ground Installation, Add	*6.28*	

22 13 16 00-0290 No Hub Cast Iron 1/8 Bends *(22 13 16 00-0262)*

22 13 16 00-0291	EA	1-1/2" No Hub Cast Iron 1/8 Bend	58.40	29.94
		For Work In Restricted Working Space, Add	*13.48*	
		For Below Ground Installation, Add	*2.25*	
22 13 16 00-0292	EA	2" No Hub Cast Iron 1/8 Bend	60.61	31.26
		For Work In Restricted Working Space, Add	*14.06*	
		For Below Ground Installation, Add	*2.34*	
22 13 16 00-0293	EA	3" No Hub Cast Iron 1/8 Bend	73.33	35.78
		For Work In Restricted Working Space, Add	*16.11*	
		For Below Ground Installation, Add	*2.69*	
22 13 16 00-0294	EA	4" No Hub Cast Iron 1/8 Bend	96.82	47.34
		For Work In Restricted Working Space, Add	*21.31*	
		For Below Ground Installation, Add	*3.55*	
22 13 16 00-0295	EA	6" No Hub Cast Iron 1/8 Bend	163.74	69.91
		For Work In Restricted Working Space, Add	*31.46*	
		For Below Ground Installation, Add	*5.24*	
22 13 16 00-0296	EA	8" No Hub Cast Iron 1/8 Bend	294.36	91.81
		For Work In Restricted Working Space, Add	*41.29*	
		For Below Ground Installation, Add	*6.88*	
22 13 16 00-0297	EA	10" No Hub Cast Iron 1/8 Bend	465.03	112.95
		For Work In Restricted Working Space, Add	*50.81*	
		For Below Ground Installation, Add	*8.47*	

22 13 16 00-0298 No Hub Cast Iron Wyes *(22 13 16 00-0262)*

22 13 16 00-0299	EA	1-1/2" No Hub Cast Iron Wye	94.49	47.11
		For Work In Restricted Working Space, Add	*21.17*	
		For Below Ground Installation, Add	*3.53*	
22 13 16 00-0300	EA	2" No Hub Cast Iron Wye	119.95	63.85
		For Work In Restricted Working Space, Add	*28.72*	
		For Below Ground Installation, Add	*4.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0301	EA	3" No Hub Cast Iron Wye	137.94	69.91
		For Work In Restricted Working Space, Add	*31.46*	
		For Below Ground Installation, Add	*5.24*	
22 13 16 00-0302	EA	4" No Hub Cast Iron Wye	191.32	91.81
		For Work In Restricted Working Space, Add	*41.29*	
		For Below Ground Installation, Add	*6.88*	
22 13 16 00-0303	EA	5" No Hub Cast Iron Wye	275.62	106.34
		For Work In Restricted Working Space, Add	*47.83*	
		For Below Ground Installation, Add	*7.97*	
22 13 16 00-0304	EA	6" No Hub Cast Iron Wye	327.02	126.24
		For Work In Restricted Working Space, Add	*56.79*	
		For Below Ground Installation, Add	*9.47*	
22 13 16 00-0305	EA	8" No Hub Cast Iron Wye	574.81	167.62
		For Work In Restricted Working Space, Add	*75.37*	
		For Below Ground Installation, Add	*12.56*	
22 13 16 00-0306	EA	10" No Hub Cast Iron Wye	979.75	186.19
		For Work In Restricted Working Space, Add	*83.74*	
		For Below Ground Installation, Add	*13.96*	

22 13 16 00-0307 No Hub Cast Iron Reducing Wyes *(22 13 16 00-0262)*

22 13 16 00-0308	EA	3" x 1-1/2" No Hub Cast Iron Reducing Wye	117.46	60.99
		For Work In Restricted Working Space, Add	*27.41*	
		For Below Ground Installation, Add	*4.57*	
22 13 16 00-0309	EA	3" x 2" No Hub Cast Iron Reducing Wye	130.95	69.91
		For Work In Restricted Working Space, Add	*31.46*	
		For Below Ground Installation, Add	*5.24*	
22 13 16 00-0310	EA	4" x 2" No Hub Cast Iron Reducing Wye	149.27	77.29
		For Work In Restricted Working Space, Add	*34.76*	
		For Below Ground Installation, Add	*5.79*	
22 13 16 00-0311	EA	4" x 3" No Hub Cast Iron Reducing Wye	173.51	85.87
		For Work In Restricted Working Space, Add	*38.63*	
		For Below Ground Installation, Add	*6.44*	
22 13 16 00-0312	EA	6" x 2" No Hub Cast Iron Reducing Wye	235.35	107.41
		For Work In Restricted Working Space, Add	*48.33*	
		For Below Ground Installation, Add	*8.06*	
22 13 16 00-0313	EA	6" x 3" No Hub Cast Iron Reducing Wye	251.98	112.28
		For Work In Restricted Working Space, Add	*50.48*	
		For Below Ground Installation, Add	*8.41*	
22 13 16 00-0314	EA	6" x 4" No Hub Cast Iron Reducing Wye	288.36	131.22
		For Work In Restricted Working Space, Add	*59.00*	
		For Below Ground Installation, Add	*9.83*	
22 13 16 00-0315	EA	8" x 4" No Hub Cast Iron Reducing Wye	382.85	131.79
		For Work In Restricted Working Space, Add	*59.28*	
		For Below Ground Installation, Add	*9.88*	
22 13 16 00-0316	EA	8" x 6" No Hub Cast Iron Reducing Wye	445.91	144.86
		For Work In Restricted Working Space, Add	*65.13*	
		For Below Ground Installation, Add	*10.86*	
22 13 16 00-0317	EA	10" x 4" No Hub Cast Iron Reducing Wye	715.92	154.32
		For Work In Restricted Working Space, Add	*69.42*	
		For Below Ground Installation, Add	*11.57*	
22 13 16 00-0318	EA	10" x 6" No Hub Cast Iron Reducing Wye	754.63	165.20
		For Work In Restricted Working Space, Add	*74.31*	
		For Below Ground Installation, Add	*12.38*	
22 13 16 00-0319	EA	10" x 8" No Hub Cast Iron Reducing Wye	873.24	176.42
		For Work In Restricted Working Space, Add	*79.34*	
		For Below Ground Installation, Add	*13.22*	

22 13 16 00-0320 No Hub Cast Iron Combination Wye And 1/8 Bends *(22 13 16 00-0262)*

22 13 16 00-0321	EA	1-1/2" No Hub Cast Iron Combination Wye And 1/8 Bend	106.37	54.83
		For Work In Restricted Working Space, Add	*24.65*	
		For Below Ground Installation, Add	*4.11*	
22 13 16 00-0322	EA	2" No Hub Cast Iron Combination Wye And 1/8 Bend	120.93	63.85
		For Work In Restricted Working Space, Add	*28.72*	
		For Below Ground Installation, Add	*4.79*	
22 13 16 00-0323	EA	3" No Hub Cast Iron Combination Wye And 1/8 Bend	145.31	69.91
		For Work In Restricted Working Space, Add	*31.46*	
		For Below Ground Installation, Add	*5.24*	
22 13 16 00-0324	EA	4" No Hub Cast Iron Combination Wye And 1/8 Bend	212.16	91.81
		For Work In Restricted Working Space, Add	*41.29*	
		For Below Ground Installation, Add	*6.88*	
22 13 16 00-0325	EA	6" No Hub Cast Iron Combination Wye And 1/8 Bend	399.37	141.25
		For Work In Restricted Working Space, Add	*63.51*	
		For Below Ground Installation, Add	*10.59*	
22 13 16 00-0326	EA	8" No Hub Cast Iron Combination Wye And 1/8 Bend	742.53	181.20
		For Work In Restricted Working Space, Add	*81.51*	
		For Below Ground Installation, Add	*13.59*	
22 13 16 00-0327	EA	10" No Hub Cast Iron Combination Wye And 1/8 Bend	869.06	219.08
		For Work In Restricted Working Space, Add	*98.53*	
		For Below Ground Installation, Add	*16.42*	

22 13 16 00-0328 No Hub Cast Iron Reducing Combination Wye And 1/8 Bends *(22 13 16 00-0262)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0329	EA	2" x 1-1/2" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	122.13	63.85
		For Work In Restricted Working Space, Add	*28.72*	
		For Below Ground Installation, Add	*4.79*	
22 13 16 00-0330	EA	3" x 2" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	134.63	69.91
		For Work In Restricted Working Space, Add	*31.46*	
		For Below Ground Installation, Add	*5.24*	
22 13 16 00-0331	EA	4" x 2" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	156.65	77.29
		For Work In Restricted Working Space, Add	*34.76*	
		For Below Ground Installation, Add	*5.79*	
22 13 16 00-0332	EA	4" x 3" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	180.66	85.87
		For Work In Restricted Working Space, Add	*38.63*	
		For Below Ground Installation, Add	*6.44*	
22 13 16 00-0333	EA	6" x 2" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	256.78	107.41
		For Work In Restricted Working Space, Add	*48.33*	
		For Below Ground Installation, Add	*8.06*	
22 13 16 00-0334	EA	6" x 3" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	289.44	112.28
		For Work In Restricted Working Space, Add	*50.48*	
		For Below Ground Installation, Add	*8.41*	
22 13 16 00-0335	EA	6" x 4" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	321.16	131.22
		For Work In Restricted Working Space, Add	*59.00*	
		For Below Ground Installation, Add	*9.83*	
22 13 16 00-0336	EA	8" x 4" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	444.15	131.79
		For Work In Restricted Working Space, Add	*59.28*	
		For Below Ground Installation, Add	*9.88*	
22 13 16 00-0337	EA	8" x 6" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	586.03	144.86
		For Work In Restricted Working Space, Add	*65.13*	
		For Below Ground Installation, Add	*10.86*	

22 13 16 00-0338 No Hub Cast Iron Double Wyes *(22 13 16 00-0262)*

22 13 16 00-0339	EA	2" No Hub Cast Iron Double Wye	152.78	79.37
		For Work In Restricted Working Space, Add	*35.70*	
		For Below Ground Installation, Add	*5.95*	
22 13 16 00-0340	EA	3" No Hub Cast Iron Double Wye	207.14	96.66
		For Work In Restricted Working Space, Add	*43.46*	
		For Below Ground Installation, Add	*7.24*	
22 13 16 00-0341	EA	4" No Hub Cast Iron Double Wye	286.56	105.69
		For Work In Restricted Working Space, Add	*47.52*	
		For Below Ground Installation, Add	*7.92*	
22 13 16 00-0342	EA	6" No Hub Cast Iron Double Wye	459.32	159.13
		For Work In Restricted Working Space, Add	*71.55*	
		For Below Ground Installation, Add	*11.92*	
22 13 16 00-0343	EA	8" No Hub Cast Iron Double Wye	917.77	213.23
		For Work In Restricted Working Space, Add	*95.93*	
		For Below Ground Installation, Add	*15.99*	

22 13 16 00-0344 No Hub Cast Iron Reducing Double Wyes *(22 13 16 00-0262)*

22 13 16 00-0345	EA	3" x 2" No Hub Cast Iron Double Wye	185.24	87.96
		For Work In Restricted Working Space, Add	*39.55*	
		For Below Ground Installation, Add	*6.59*	
22 13 16 00-0346	EA	4" x 2" No Hub Cast Iron Double Wye	223.60	101.29
		For Work In Restricted Working Space, Add	*45.56*	
		For Below Ground Installation, Add	*7.59*	
22 13 16 00-0347	EA	4" x 3" No Hub Cast Iron Double Wye	246.48	110.42
		For Work In Restricted Working Space, Add	*49.67*	
		For Below Ground Installation, Add	*8.28*	
22 13 16 00-0348	EA	6" x 4" No Hub Cast Iron Double Wye	389.41	140.30
		For Work In Restricted Working Space, Add	*63.10*	
		For Below Ground Installation, Add	*10.52*	

22 13 16 00-0349 No Hub Cast Iron Double Combination Wye And 1/8 Bends *(22 13 16 00-0262)*

22 13 16 00-0350	EA	2" No Hub Cast Iron Double Combination Wye And 1/8 Bend	202.16	95.34
		For Work In Restricted Working Space, Add	*42.89*	
		For Below Ground Installation, Add	*7.15*	
22 13 16 00-0351	EA	3" No Hub Cast Iron Double Combination Wye And 1/8 Bend	250.08	105.69
		For Work In Restricted Working Space, Add	*47.52*	
		For Below Ground Installation, Add	*7.92*	
22 13 16 00-0352	EA	4" No Hub Cast Iron Double Combination Wye And 1/8 Bend	384.80	139.92
		For Work In Restricted Working Space, Add	*62.91*	
		For Below Ground Installation, Add	*10.49*	
22 13 16 00-0353	EA	6" No Hub Cast Iron Double Combination Wye And 1/8 Bend	528.23	216.00
		For Work In Restricted Working Space, Add	*97.14*	
		For Below Ground Installation, Add	*16.19*	

22 13 16 00-0354 No Hub Cast Iron Reducing Double Combination Wye And 1/8 Bends *(22 13 16 00-0262)*

22 13 16 00-0355	EA	3" x 2" No Hub Cast Iron Reducing Double Combination Wye And 1/8 Bend	191.67	82.02
		For Work In Restricted Working Space, Add	*36.90*	
		For Below Ground Installation, Add	*6.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0356	EA	4" x 2" No Hub Cast Iron Reducing Double Combination Wye And 1/8 Bend	222.10	95.34
		For Work In Restricted Working Space, Add	*42.89*	
		For Below Ground Installation, Add	*7.15*	
22 13 16 00-0357	EA	4" x 3" No Hub Cast Iron Reducing Double Combination Wye And 1/8 Bend	271.16	104.15
		For Work In Restricted Working Space, Add	*46.85*	
		For Below Ground Installation, Add	*7.81*	

22 13 16 00-0358 No Hub Cast Iron Sanitary Tees *(22 13 16 00-0262)*

22 13 16 00-0359	EA	1-1/2" No Hub Cast Iron Sanitary Tee	91.95	46.13
		For Work In Restricted Working Space, Add	*20.77*	
		For Below Ground Installation, Add	*3.46*	
22 13 16 00-0360	EA	2" No Hub Cast Iron Sanitary Tee	121.15	63.85
		For Work In Restricted Working Space, Add	*28.72*	
		For Below Ground Installation, Add	*4.79*	
22 13 16 00-0361	EA	3" No Hub Cast Iron Sanitary Tee	135.24	69.91
		For Work In Restricted Working Space, Add	*31.46*	
		For Below Ground Installation, Add	*5.24*	
22 13 16 00-0362	EA	4" No Hub Cast Iron Sanitary Tee	185.16	91.81
		For Work In Restricted Working Space, Add	*41.29*	
		For Below Ground Installation, Add	*6.88*	
22 13 16 00-0363	EA	5" No Hub Cast Iron Sanitary Tee	276.90	106.34
		For Work In Restricted Working Space, Add	*47.83*	
		For Below Ground Installation, Add	*7.97*	
22 13 16 00-0364	EA	6" No Hub Cast Iron Sanitary Tee	326.11	126.24
		For Work In Restricted Working Space, Add	*56.79*	
		For Below Ground Installation, Add	*9.47*	
22 13 16 00-0365	EA	8" No Hub Cast Iron Sanitary Tee	650.85	167.62
		For Work In Restricted Working Space, Add	*75.37*	
		For Below Ground Installation, Add	*12.56*	

22 13 16 00-0366 No Hub Cast Iron Reducing Sanitary Tees *(22 13 16 00-0262)*

22 13 16 00-0367	EA	2" x 1-1/2" No Hub Cast Iron Reducing Sanitary Tee	103.49	52.07
		For Work In Restricted Working Space, Add	*23.42*	
		For Below Ground Installation, Add	*3.90*	
22 13 16 00-0368	EA	3" x 1-1/2" No Hub Cast Iron Reducing Sanitary Tee	119.57	60.99
		For Work In Restricted Working Space, Add	*27.41*	
		For Below Ground Installation, Add	*4.57*	
22 13 16 00-0369	EA	3" x 2" No Hub Cast Iron Reducing Sanitary Tee	123.94	63.85
		For Work In Restricted Working Space, Add	*28.72*	
		For Below Ground Installation, Add	*4.79*	
22 13 16 00-0370	EA	3" x 4" No Hub Cast Iron Reducing Sanitary Tee	153.04	63.85
		For Work In Restricted Working Space, Add	*28.72*	
		For Below Ground Installation, Add	*4.79*	
22 13 16 00-0371	EA	4" x 2" No Hub Cast Iron Reducing Sanitary Tee	165.70	86.42
		For Work In Restricted Working Space, Add	*38.86*	
		For Below Ground Installation, Add	*6.48*	
22 13 16 00-0372	EA	4" x 3" No Hub Cast Iron Reducing Sanitary Tee	172.77	86.42
		For Work In Restricted Working Space, Add	*38.86*	
		For Below Ground Installation, Add	*6.48*	
22 13 16 00-0373	EA	5" x 2" No Hub Cast Iron Reducing Sanitary Tee	235.46	101.03
		For Work In Restricted Working Space, Add	*45.44*	
		For Below Ground Installation, Add	*7.57*	
22 13 16 00-0374	EA	5" x 3" No Hub Cast Iron Reducing Sanitary Tee	245.32	101.03
		For Work In Restricted Working Space, Add	*45.44*	
		For Below Ground Installation, Add	*7.57*	
22 13 16 00-0375	EA	5" x 4" No Hub Cast Iron Reducing Sanitary Tee	246.52	101.03
		For Work In Restricted Working Space, Add	*45.44*	
		For Below Ground Installation, Add	*7.57*	
22 13 16 00-0376	EA	6" x 4" No Hub Cast Iron Reducing Sanitary Tee	255.61	105.26
		For Work In Restricted Working Space, Add	*47.33*	
		For Below Ground Installation, Add	*7.89*	
22 13 16 00-0377	EA	8" x 6" No Hub Cast Iron Reducing Sanitary Tee	509.65	141.35
		For Work In Restricted Working Space, Add	*63.56*	
		For Below Ground Installation, Add	*10.59*	

22 13 16 00-0378 No Hub Cast Iron Sanitary Tapped Tees *(22 13 16 00-0262)*

22 13 16 00-0379	EA	2" x 1-1/2 Or 1-1/4" No Hub Cast Iron Sanitary Tapped Tee	72.35	31.26
		For Work In Restricted Working Space, Add	*14.06*	
		For Below Ground Installation, Add	*2.34*	
22 13 16 00-0380	EA	3" x 1-1/2 Or 1-1/4" No Hub Cast Iron Sanitary Tapped Tee	84.31	35.78
		For Work In Restricted Working Space, Add	*16.11*	
		For Below Ground Installation, Add	*2.69*	
22 13 16 00-0381	EA	4" x 1-1/2 Or 1-1/4" No Hub Cast Iron Sanitary Tapped Tee	102.31	47.34
		For Work In Restricted Working Space, Add	*21.31*	
		For Below Ground Installation, Add	*3.55*	

22 13 16 00-0382 No Hub Cast Iron Cleanout Tees *(22 13 16 00-0262)*

22 13 16 00-0383	EA	2" No Hub Cast Iron Cleanout Tee	67.91	31.26
		For Work In Restricted Working Space, Add	*14.06*	
		For Below Ground Installation, Add	*2.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0384	EA	3" No Hub Cast Iron Cleanout Tee	87.55	35.78
		For Work In Restricted Working Space, Add	*16.11*	
		For Below Ground Installation, Add	*2.69*	
22 13 16 00-0385	EA	4" No Hub Cast Iron Cleanout Tee	130.51	47.34
		For Work In Restricted Working Space, Add	*21.31*	
		For Below Ground Installation, Add	*3.55*	
22 13 16 00-0386	EA	6" No Hub Cast Iron Cleanout Tee	220.90	69.91
		For Work In Restricted Working Space, Add	*31.46*	
		For Below Ground Installation, Add	*5.24*	

22 13 16 00-0387 No Hub Cast Iron Two-Way Cleanout Tees *(22 13 16 00-0262)*

22 13 16 00-0388	EA	4" No Hub Cast Iron Single Two-Way Cleanout Tee	307.50	91.81
		For Work In Restricted Working Space, Add	*41.29*	
		For Below Ground Installation, Add	*6.88*	
22 13 16 00-0389	EA	4" No Hub Cast Iron Double Two-Way Cleanout Tee	366.92	139.49
		For Work In Restricted Working Space, Add	*62.75*	
		For Below Ground Installation, Add	*10.46*	

22 13 16 00-0390 No Hub Cast Iron Cleanout Plugs *(22 13 16 00-0262)*

22 13 16 00-0391	EA	2" No Hub Cast Iron Cleanout Plug	55.80	31.26
		For Work In Restricted Working Space, Add	*14.06*	
		For Below Ground Installation, Add	*2.34*	
22 13 16 00-0392	EA	3" No Hub Cast Iron Cleanout Plug	67.77	35.78
		For Work In Restricted Working Space, Add	*16.11*	
		For Below Ground Installation, Add	*2.69*	
22 13 16 00-0393	EA	4" No Hub Cast Iron Cleanout Plug	97.72	47.34
		For Work In Restricted Working Space, Add	*21.31*	
		For Below Ground Installation, Add	*3.55*	
22 13 16 00-0394	EA	6" No Hub Cast Iron Cleanout Plug	154.72	69.91
		For Work In Restricted Working Space, Add	*31.46*	
		For Below Ground Installation, Add	*5.24*	
22 13 16 00-0395	EA	8" No Hub Cast Iron Cleanout Plug	206.14	91.81
		For Work In Restricted Working Space, Add	*41.29*	
		For Below Ground Installation, Add	*6.88*	

22 13 16 00-0396 No Hub Cast Iron Sanitary Crosses *(22 13 16 00-0262)*

22 13 16 00-0397	EA	1-1/2" No Hub Cast Iron Sanitary Cross	123.21	61.65
		For Work In Restricted Working Space, Add	*27.76*	
		For Below Ground Installation, Add	*4.63*	
22 13 16 00-0398	EA	2" No Hub Cast Iron Sanitary Cross	134.09	63.85
		For Work In Restricted Working Space, Add	*28.72*	
		For Below Ground Installation, Add	*4.79*	
22 13 16 00-0399	EA	3" No Hub Cast Iron Sanitary Cross	165.25	69.91
		For Work In Restricted Working Space, Add	*31.46*	
		For Below Ground Installation, Add	*5.24*	
22 13 16 00-0400	EA	4" No Hub Cast Iron Sanitary Cross	251.12	91.81
		For Work In Restricted Working Space, Add	*41.29*	
		For Below Ground Installation, Add	*6.88*	

22 13 16 00-0401 No Hub Cast Iron Reducing Sanitary Crosses *(22 13 16 00-0262)*

22 13 16 00-0402	EA	3" x 2" No Hub Cast Iron Sanitary Cross	177.29	82.02
		For Work In Restricted Working Space, Add	*36.89*	
		For Below Ground Installation, Add	*6.15*	
22 13 16 00-0403	EA	4" x 2" No Hub Cast Iron Sanitary Cross	203.32	84.44
		For Work In Restricted Working Space, Add	*37.98*	
		For Below Ground Installation, Add	*6.33*	
22 13 16 00-0404	EA	4" x 3" No Hub Cast Iron Sanitary Cross	224.72	88.19
		For Work In Restricted Working Space, Add	*39.64*	
		For Below Ground Installation, Add	*6.61*	

22 13 16 00-0405 No Hub Cast Iron Reducers *(22 13 16 00-0262)*

22 13 16 00-0406	EA	3" x 2" No Hub Cast Iron Reducer	108.59	63.85
		For Work In Restricted Working Space, Add	*28.72*	
		For Below Ground Installation, Add	*4.79*	
22 13 16 00-0407	EA	4" x 2" No Hub Cast Iron Reducer	149.15	86.42
		For Work In Restricted Working Space, Add	*38.86*	
		For Below Ground Installation, Add	*6.48*	
22 13 16 00-0408	EA	4" x 3" No Hub Cast Iron Reducer	149.75	86.42
		For Work In Restricted Working Space, Add	*38.86*	
		For Below Ground Installation, Add	*6.48*	
22 13 16 00-0409	EA	5" x 2" No Hub Cast Iron Reducer	180.26	101.03
		For Work In Restricted Working Space, Add	*45.44*	
		For Below Ground Installation, Add	*7.57*	
22 13 16 00-0410	EA	5" x 3" No Hub Cast Iron Reducer	184.24	101.03
		For Work In Restricted Working Space, Add	*45.44*	
		For Below Ground Installation, Add	*7.57*	
22 13 16 00-0411	EA	5" x 4" No Hub Cast Iron Reducer	185.82	101.03
		For Work In Restricted Working Space, Add	*45.44*	
		For Below Ground Installation, Add	*7.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0412	EA	6" x 3" No Hub Cast Iron Reducer	217.99	112.28
		For Work In Restricted Working Space, Add	*50.48*	
		For Below Ground Installation, Add	*8.41*	
22 13 16 00-0413	EA	6" x 4" No Hub Cast Iron Reducer	218.59	112.28
		For Work In Restricted Working Space, Add	*50.48*	
		For Below Ground Installation, Add	*8.41*	
22 13 16 00-0414	EA	6" x 5" No Hub Cast Iron Reducer	220.39	112.28
		For Work In Restricted Working Space, Add	*50.48*	
		For Below Ground Installation, Add	*8.41*	
22 13 16 00-0415	EA	8" x 2" No Hub Cast Iron Reducer	300.75	156.41
		For Work In Restricted Working Space, Add	*70.35*	
		For Below Ground Installation, Add	*11.72*	
22 13 16 00-0416	EA	8" x 3" No Hub Cast Iron Reducer	305.34	156.41
		For Work In Restricted Working Space, Add	*70.35*	
		For Below Ground Installation, Add	*11.72*	
22 13 16 00-0417	EA	8" x 4" No Hub Cast Iron Reducer	312.71	156.41
		For Work In Restricted Working Space, Add	*70.35*	
		For Below Ground Installation, Add	*11.72*	
22 13 16 00-0418	EA	8" x 5" No Hub Cast Iron Reducer	320.38	156.41
		For Work In Restricted Working Space, Add	*70.35*	
		For Below Ground Installation, Add	*11.72*	
22 13 16 00-0419	EA	8" x 6" No Hub Cast Iron Reducer	321.29	156.41
		For Work In Restricted Working Space, Add	*70.35*	
		For Below Ground Installation, Add	*11.72*	
22 13 16 00-0420	EA	10" x 4" No Hub Cast Iron Reducer	389.61	164.98
		For Work In Restricted Working Space, Add	*74.19*	
		For Below Ground Installation, Add	*12.37*	
22 13 16 00-0421	EA	10" x 6" No Hub Cast Iron Reducer	417.75	172.23
		For Work In Restricted Working Space, Add	*77.49*	
		For Below Ground Installation, Add	*12.92*	
22 13 16 00-0422	EA	10" x 8" No Hub Cast Iron Reducer	471.32	186.97
		For Work In Restricted Working Space, Add	*84.08*	
		For Below Ground Installation, Add	*14.01*	

22 13 16 00-0423 No Hub Cast Iron Blind Plugs *(22 13 16 00-0262)*

22 13 16 00-0424	EA	1-1/2" No Hub Cast Iron Blind Plug	29.84	14.99
		For Work In Restricted Working Space, Add	*6.74*	
		For Below Ground Installation, Add	*1.12*	
22 13 16 00-0425	EA	2" No Hub Cast Iron Blind Plug	30.50	15.63
		For Work In Restricted Working Space, Add	*7.03*	
		For Below Ground Installation, Add	*1.17*	
22 13 16 00-0426	EA	3" No Hub Cast Iron Blind Plug	39.41	17.95
		For Work In Restricted Working Space, Add	*8.06*	
		For Below Ground Installation, Add	*1.34*	
22 13 16 00-0427	EA	4" No Hub Cast Iron Blind Plug	52.33	23.67
		For Work In Restricted Working Space, Add	*10.64*	
		For Below Ground Installation, Add	*1.77*	
22 13 16 00-0428	EA	5" No Hub Cast Iron Blind Plug	72.93	27.80
		For Work In Restricted Working Space, Add	*12.49*	
		For Below Ground Installation, Add	*2.08*	
22 13 16 00-0429	EA	6" No Hub Cast Iron Blind Plug	80.48	32.56
		For Work In Restricted Working Space, Add	*14.67*	
		For Below Ground Installation, Add	*2.44*	
22 13 16 00-0430	EA	8" No Hub Cast Iron Blind Plug	162.42	41.87
		For Work In Restricted Working Space, Add	*18.83*	
		For Below Ground Installation, Add	*3.14*	
22 13 16 00-0431	EA	10" No Hub Cast Iron Blind Plug	210.87	45.07
		For Work In Restricted Working Space, Add	*20.28*	
		For Below Ground Installation, Add	*3.38*	

22 13 16 00-0432 No Hub Cast Iron P-Traps *(22 13 16 00-0262)*

22 13 16 00-0433	EA	2" No Hub Cast Iron P-Trap	72.95	31.26
		For Work In Restricted Working Space, Add	*14.06*	
		For Below Ground Installation, Add	*2.34*	
22 13 16 00-0434	EA	3" No Hub Cast Iron P-Trap	113.19	35.78
		For Work In Restricted Working Space, Add	*16.11*	
		For Below Ground Installation, Add	*2.69*	
22 13 16 00-0435	EA	4" No Hub Cast Iron P-Trap	174.36	47.34
		For Work In Restricted Working Space, Add	*21.31*	
		For Below Ground Installation, Add	*3.55*	
22 13 16 00-0436	EA	5" No Hub Cast Iron P-Trap	318.97	55.06
		For Work In Restricted Working Space, Add	*24.75*	
		For Below Ground Installation, Add	*4.13*	
22 13 16 00-0437	EA	6" No Hub Cast Iron P-Trap	335.14	65.66
		For Work In Restricted Working Space, Add	*29.53*	
		For Below Ground Installation, Add	*4.92*	

22 13 16 00-0438 No Hub Cast Iron Deep Seal P-Traps *(22 13 16 00-0262)*

22 13 16 00-0439	EA	2" No Hub Cast Iron Deep Seal P-Trap	121.79	39.74
		For Work In Restricted Working Space, Add	*17.85*	
		For Below Ground Installation, Add	*2.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0440	EA	3" No Hub Cast Iron Deep Seal P-Trap	178.56	52.84
		For Work In Restricted Working Space, Add	*23.76*	
		For Below Ground Installation, Add	*3.96*	
22 13 16 00-0441	EA	4" No Hub Cast Iron Deep Seal P-Trap	264.03	69.79
		For Work In Restricted Working Space, Add	*31.37*	
		For Below Ground Installation, Add	*5.23*	

22 13 16 00-0442 No Hub Cast Iron Closet Flanges *(22 13 16 00-0262)*

22 13 16 00-0443	EA	4" No Hub Cast Iron Closet Flange	112.39	47.34
		For Work In Restricted Working Space, Add	*21.31*	
		For Below Ground Installation, Add	*3.55*	
22 13 16 00-0444	EA	4" x 2-1/2" No Hub Cast Iron Offset Closet Flange	120.97	47.34
		For Work In Restricted Working Space, Add	*21.31*	
		For Below Ground Installation, Add	*3.55*	

22 13 16 00-0445 No Hub Cast Iron Closet Bends *(22 13 16 00-0262)*

22 13 16 00-0446	EA	4" x 16" No Hub Cast Iron Closet Bend	232.95	47.34
		For Work In Restricted Working Space, Add	*21.31*	
		For Below Ground Installation, Add	*3.55*	

22 13 16 00-0447 No Hub Cast Iron Threaded Adapter *(22 13 16 00-0262)*

22 13 16 00-0448	EA	1-1/4" No Hub Cast Iron Threaded Adapter	81.92	39.74
		For Work In Restricted Working Space, Add	*17.85*	
		For Below Ground Installation, Add	*2.98*	
22 13 16 00-0449	EA	1-1/2" No Hub Cast Iron Threaded Adapter	88.84	39.74
		For Work In Restricted Working Space, Add	*17.85*	
		For Below Ground Installation, Add	*2.98*	

22 13 16 00-0450 No Hub Couplings *(22 13 16 00-0262)*

Note: Includes stainless steel shield/clamps assembly with elastomeric gasket, ASTM C 564. (Fernco NH). Labor costs are included in the installation costs for fittings.

22 13 16 00-0451	EA	1-1/2" No Hub Coupling	9.22	
		For Medium Duty (Fernco MD-2000), Add	*1.20*	
		For Heavy-Duty (Fernco HD-4000), Add	*2.49*	
22 13 16 00-0452	EA	2" No Hub Coupling	9.22	
		For Medium Duty (Fernco MD-2000), Add	*1.20*	
		For Heavy-Duty (Fernco HD-4000), Add	*2.49*	
22 13 16 00-0453	EA	3" No Hub Coupling	10.95	
		For Medium Duty (Fernco MD-2000), Add	*1.42*	
		For Heavy-Duty (Fernco HD-4000), Add	*2.96*	
22 13 16 00-0454	EA	4" No Hub Coupling	13.00	
		For Medium Duty (Fernco MD-2000), Add	*1.69*	
		For Heavy-Duty (Fernco HD-4000), Add	*3.51*	
22 13 16 00-0455	EA	5" No Hub Coupling	30.06	
		For Medium Duty (Fernco MD-2000), Add	*3.91*	
		For Heavy-Duty (Fernco HD-4000), Add	*8.12*	
22 13 16 00-0456	EA	6" No Hub Coupling	33.03	
		For Medium Duty (Fernco MD-2000), Add	*4.29*	
		For Heavy-Duty (Fernco HD-4000), Add	*8.92*	
22 13 16 00-0457	EA	8" No Hub Coupling	62.23	
		For Medium Duty (Fernco MD-2000), Add	*8.09*	
		For Heavy-Duty (Fernco HD-4000), Add	*16.80*	
22 13 16 00-0458	EA	10" No Hub Coupling	85.73	
		For Medium Duty (Fernco MD-2000), Add	*11.14*	
		For Heavy-Duty (Fernco HD-4000), Add	*23.15*	
22 13 16 00-0459	EA	2" x 1-1/2" No Hub Reducing Coupling	10.95	
22 13 16 00-0460	EA	3" x 2" No Hub Reducing Coupling	16.98	
22 13 16 00-0461	EA	4" x 2" No Hub Reducing Coupling	23.69	
22 13 16 00-0462	EA	4" x 3" No Hub Reducing Coupling	20.19	

22 13 16 00-0463 Cast Iron Mechanical Joint Couplings With Neoprene Gasket And Bolts *(22 13 16 00-0262)*

Note: For underground connections. Labor costs are included in the installation costs for fittings. See CSI section 22 13 16 00-0854 for additional FERNCO couplings.

22 13 16 00-0464	EA	1-1/2" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	49.55	
22 13 16 00-0465	EA	2" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	51.14	
22 13 16 00-0466	EA	3" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	53.70	
22 13 16 00-0467	EA	4" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	62.65	
22 13 16 00-0468	EA	5" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	118.27	
22 13 16 00-0469	EA	6" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	162.38	
22 13 16 00-0470	EA	8" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	284.49	
22 13 16 00-0471	EA	10" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	434.73	

22 13 16 00-0472 Cut And Prepare Existing Pipe In-Place *(22 13 16 00-0252)*

Note: For use when connecting pipe to an existing in-place system.

22 13 16 00-0473	EA	Cut And Prepare 1-1/2" Cast Iron Pipe, No Hub	10.76	
		For Work In Restricted Working Space, Add	*3.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0474	EA	Cut And Prepare 2" Cast Iron Pipe, No Hub	13.15	
		For Work In Restricted Working Space, Add	*3.95*	
22 13 16 00-0475	EA	Cut And Prepare 3" Cast Iron Pipe, No Hub	14.35	
		For Work In Restricted Working Space, Add	*4.31*	
22 13 16 00-0476	EA	Cut And Prepare 4" Cast Iron Pipe, No Hub	17.94	
		For Work In Restricted Working Space, Add	*5.38*	
22 13 16 00-0477	EA	Cut And Prepare 6" Cast Iron Pipe, No Hub	21.52	
		For Work In Restricted Working Space, Add	*6.46*	
22 13 16 00-0478	EA	Cut And Prepare 8" Cast Iron Pipe, No Hub	28.69	
		For Work In Restricted Working Space, Add	*8.61*	
22 13 16 00-0479	EA	Cut And Prepare 10" Cast Iron Pipe, No Hub	33.48	
		For Work In Restricted Working Space, Add	*10.04*	

22 13 16 00-0480 Copper Drain-Waste-Vent (DWV) Pipe *(22 13 16)*

See CSI section 22 11 16 00-0439 for copper and brass fittings.

22 13 16 00-0481	LF	1-1/4" Hard Drawn DWV Copper Tube/Pipe	18.87	5.17
22 13 16 00-0482	LF	1-1/2" Hard Drawn DWV Copper Tube/Pipe	22.62	5.78
22 13 16 00-0483	LF	2" Hard Drawn DWV Copper Tube/Pipe	29.20	7.13
22 13 16 00-0484	LF	3" Hard Drawn DWV Copper Tube/Pipe	61.87	9.88
22 13 16 00-0485	LF	4" Hard Drawn DWV Copper Tube/Pipe	87.62	11.14
22 13 16 00-0486	LF	5" Hard Drawn DWV Copper Tube/Pipe	176.35	12.79
22 13 16 00-0487	LF	6" Hard Drawn DWV Copper Tube/Pipe	250.81	19.83

22 13 16 00-0488 Polyvinyl Chloride (PVC) Drain-Waste-Vent (DWV) Pipe And Fittings *(22 13 16)*

Note: Aboveground installation. See CSI section 33 31 11 00-0018 for underground installation.

22 13 16 00-0489 Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assemblies *(22 13 16 00-0488)*

22 13 16 00-0490 Underground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assemblies

(22 13 16 00-0489)

Note: Includes all fittings. Fittings are assumed every 20'. Excludes excavation, backfill and compaction. Not for use where detail is available.Not for use where detail is available.

22 13 16 00-0491	LF	1-1/2" Underground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings and couplings. Fittings are assumed every 20'. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	13.19	
		For Work In Restricted Working Space, Add	*2.58*	
22 13 16 00-0492	LF	2" Underground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings and couplings. Fittings are assumed every 20'. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	15.76	
		For Work In Restricted Working Space, Add	*3.14*	
22 13 16 00-0493	LF	3" Underground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings and couplings. Fittings are assumed every 20'. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	26.17	
		For Work In Restricted Working Space, Add	*4.44*	
22 13 16 00-0494	LF	4" Underground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings and couplings. Fittings are assumed every 20'. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	34.14	
		For Work In Restricted Working Space, Add	*4.89*	
22 13 16 00-0495	LF	6" Underground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings and couplings. Fittings are assumed every 20'. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	63.10	
		For Work In Restricted Working Space, Add	*6.29*	
22 13 16 00-0496	LF	8" Underground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings and couplings. Fittings are assumed every 20'. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	90.46	
		For Work In Restricted Working Space, Add	*8.41*	
22 13 16 00-0497	LF	10" Underground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings and couplings. Fittings are assumed every 20'. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	131.41	
		For Work In Restricted Working Space, Add	*11.22*	

22 13 16 00-0498 Aboveground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assemblies

(22 13 16 00-0489)

Note: Includes all hangers and couplings, elbow, tee and reducer fittings. All hangers are complete assemblies installed in accordance with uniform plumbing code. Not for use where detail is available.

22 13 16 00-0499	LF	1-1/2" Aboveground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	26.05	4.62
		For Work In Restricted Working Space, Add	*5.30*	
22 13 16 00-0500	LF	2" Aboveground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	29.25	5.51
		For Work In Restricted Working Space, Add	*5.89*	
22 13 16 00-0501	LF	3" Aboveground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	41.65	7.93
		For Work In Restricted Working Space, Add	*7.32*	
22 13 16 00-0502	LF	4" Aboveground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	53.41	8.59
		For Work In Restricted Working Space, Add	*8.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0503	LF	6" Aboveground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	85.46	11.01
		For Work In Restricted Working Space, Add	*10.24*	
22 13 16 00-0504	LF	8" Aboveground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	113.53	14.64
		For Work In Restricted Working Space, Add	*11.74*	
22 13 16 00-0505	LF	10" Aboveground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	160.01	19.60
		For Work In Restricted Working Space, Add	*15.30*	
22 13 16 00-0506		Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe *(22 13 16 00-0488)* Note: Excludes fittings or hangers.		
22 13 16 00-0507		Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe (ASTM D-2665) *(22 13 16 00-0506)* Note: Excludes fittings or hangers.		
22 13 16 00-0508	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe	9.90	4.62
		For Work In Restricted Working Space, Add	*2.06*	
22 13 16 00-0509	LF	2" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe	12.21	5.51
		For Work In Restricted Working Space, Add	*2.48*	
22 13 16 00-0510	LF	3" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe	19.76	7.93
		For Work In Restricted Working Space, Add	*3.55*	
22 13 16 00-0511	LF	4" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe	24.03	8.59
		For Work In Restricted Working Space, Add	*3.85*	
22 13 16 00-0512	LF	6" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe	36.18	10.81
		For Work In Restricted Working Space, Add	*4.86*	
22 13 16 00-0513	LF	8" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe	51.95	14.39
		For Work In Restricted Working Space, Add	*6.49*	
22 13 16 00-0514	LF	10" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe	75.26	19.26
		For Work In Restricted Working Space, Add	*8.65*	
22 13 16 00-0515		Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe (ASTM F-891) *(22 13 16 00-0506)* Note: Excludes fittings or hangers.		
22 13 16 00-0516	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe	9.00	4.62
		For Work In Restricted Working Space, Add	*2.06*	
22 13 16 00-0517	LF	2" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe	11.14	5.51
		For Work In Restricted Working Space, Add	*2.48*	
22 13 16 00-0518	LF	3" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe	17.74	7.93
		For Work In Restricted Working Space, Add	*3.55*	
22 13 16 00-0519	LF	4" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe	21.35	8.59
		For Work In Restricted Working Space, Add	*3.85*	
22 13 16 00-0520	LF	6" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe	31.19	10.81
		For Work In Restricted Working Space, Add	*4.86*	
22 13 16 00-0521	LF	8" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe	44.93	14.39
		For Work In Restricted Working Space, Add	*6.49*	
22 13 16 00-0522	LF	10" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe	67.63	19.26
		For Work In Restricted Working Space, Add	*8.65*	
22 13 16 00-0523		Polyvinyl Chloride (PVC) DWV Fittings (ASTM D-2665) *(22 13 16 00-0488)*		
22 13 16 00-0524		Polyvinyl Chloride (PVC) DWV 1/4 Bends *(22 13 16 00-0523)*		
22 13 16 00-0525	EA	1-1/2" Polyvinyl Chloride (PVC) DWV 1/4 Bends	36.20	18.38
		For Work In Restricted Working Space, Add	*8.26*	
22 13 16 00-0526	EA	2" Polyvinyl Chloride (PVC) DWV 1/4 Bends	46.24	23.45
		For Work In Restricted Working Space, Add	*10.57*	
22 13 16 00-0527	EA	3" Polyvinyl Chloride (PVC) DWV 1/4 Bends	81.53	31.48
		For Work In Restricted Working Space, Add	*14.20*	
22 13 16 00-0528	EA	4" Polyvinyl Chloride (PVC) DWV 1/4 Bends	127.60	36.66
		For Work In Restricted Working Space, Add	*16.52*	
22 13 16 00-0529	EA	6" Polyvinyl Chloride (PVC) DWV 1/4 Bends	513.03	47.67
		For Work In Restricted Working Space, Add	*21.47*	
22 13 16 00-0530	EA	8" Polyvinyl Chloride (PVC) DWV 1/4 Bends	852.53	64.19
		For Work In Restricted Working Space, Add	*28.90*	
22 13 16 00-0531	EA	10" Polyvinyl Chloride (PVC) DWV 1/4 Bends	1,125.42	85.54
		For Work In Restricted Working Space, Add	*38.53*	
22 13 16 00-0532		Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends *(22 13 16 00-0523)*		
22 13 16 00-0533	EA	1-1/2" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends	60.55	18.38
		For Work In Restricted Working Space, Add	*8.26*	
22 13 16 00-0534	EA	2" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends	60.25	23.45
		For Work In Restricted Working Space, Add	*10.57*	
22 13 16 00-0535	EA	3" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends	117.55	31.48
		For Work In Restricted Working Space, Add	*14.20*	
22 13 16 00-0536	EA	4" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends	193.65	36.66
		For Work In Restricted Working Space, Add	*16.52*	
22 13 16 00-0537	EA	6" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends	385.45	47.67
		For Work In Restricted Working Space, Add	*21.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0538	EA	8" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends	684.87	64.19
		For Work In Restricted Working Space, Add	*28.90*	
22 13 16 00-0539	EA	10" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends	1,122.41	85.54
		For Work In Restricted Working Space, Add	*38.53*	
22 13 16 00-0540		**Polyvinyl Chloride (PVC) DWV 1/8 Bends** *(22 13 16 00-0523)*		
22 13 16 00-0541	EA	1-1/2" Polyvinyl Chloride (PVC) DWV 1/8 Bends	38.20	18.38
		For Work In Restricted Working Space, Add	*8.26*	
22 13 16 00-0542	EA	2" Polyvinyl Chloride (PVC) DWV 1/8 Bends	46.07	23.45
		For Work In Restricted Working Space, Add	*10.57*	
22 13 16 00-0543	EA	3" Polyvinyl Chloride (PVC) DWV 1/8 Bends	78.53	31.48
		For Work In Restricted Working Space, Add	*14.20*	
22 13 16 00-0544	EA	4" Polyvinyl Chloride (PVC) DWV 1/8 Bends	112.92	36.66
		For Work In Restricted Working Space, Add	*16.52*	
22 13 16 00-0545	EA	6" Polyvinyl Chloride (PVC) DWV 1/8 Bends	475.67	47.67
		For Work In Restricted Working Space, Add	*21.47*	
22 13 16 00-0546	EA	8" Polyvinyl Chloride (PVC) DWV 1/8 Bends	765.70	64.19
		For Work In Restricted Working Space, Add	*28.90*	
22 13 16 00-0547	EA	10" Polyvinyl Chloride (PVC) DWV 1/8 Bends	869.99	85.54
		For Work In Restricted Working Space, Add	*38.53*	
22 13 16 00-0548		**Polyvinyl Chloride (PVC) DWV Sanitary Tees** *(22 13 16 00-0523)*		
22 13 16 00-0549	EA	1-1/2" Polyvinyl Chloride (PVC) DWV Sanitary Tees	56.79	27.53
		For Work In Restricted Working Space, Add	*12.38*	
22 13 16 00-0550	EA	2" Polyvinyl Chloride (PVC) DWV Sanitary Tees	75.02	35.23
		For Work In Restricted Working Space, Add	*15.85*	
22 13 16 00-0551	EA	3" Polyvinyl Chloride (PVC) DWV Sanitary Tees	130.05	47.34
		For Work In Restricted Working Space, Add	*21.30*	
22 13 16 00-0552	EA	4" Polyvinyl Chloride (PVC) DWV Sanitary Tees	195.15	55.05
		For Work In Restricted Working Space, Add	*24.77*	
22 13 16 00-0553	EA	6" Polyvinyl Chloride (PVC) DWV Sanitary Tees	762.15	71.45
		For Work In Restricted Working Space, Add	*32.20*	
22 13 16 00-0554	EA	8" Polyvinyl Chloride (PVC) DWV Sanitary Tees	991.00	96.22
		For Work In Restricted Working Space, Add	*43.35*	
22 13 16 00-0555		**Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees** *(22 13 16 00-0523)*		
22 13 16 00-0556	EA	2" x 1-1/2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	73.16	30.05
		For Work In Restricted Working Space, Add	*13.54*	
22 13 16 00-0557	EA	2" x 1-1/2" x 2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	87.69	32.59
		For Work In Restricted Working Space, Add	*14.70*	
22 13 16 00-0558	EA	2" x 2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	71.17	32.59
		For Work In Restricted Working Space, Add	*14.70*	
22 13 16 00-0559	EA	3" x 3" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	106.30	40.73
		For Work In Restricted Working Space, Add	*18.33*	
22 13 16 00-0560	EA	3" x 3" x 2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	107.98	43.27
		For Work In Restricted Working Space, Add	*19.49*	
22 13 16 00-0561	EA	4" x 4" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	129.52	45.79
		For Work In Restricted Working Space, Add	*20.64*	
22 13 16 00-0562	EA	4" x 4" x 2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	225.26	48.44
		For Work In Restricted Working Space, Add	*21.80*	
22 13 16 00-0563	EA	4" x 4" x 3" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	286.19	52.40
		For Work In Restricted Working Space, Add	*23.62*	
22 13 16 00-0564	EA	6" x 6" x 4" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	732.34	65.95
		For Work In Restricted Working Space, Add	*29.72*	
22 13 16 00-0565	EA	8" x 8" x 4" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	2,328.18	82.45
		For Work In Restricted Working Space, Add	*37.16*	
22 13 16 00-0566	EA	8" x 8" x 6" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	2,407.51	87.96
		For Work In Restricted Working Space, Add	*39.63*	
22 13 16 00-0567		**Polyvinyl Chloride (PVC) DWV Double Sanitary Tees** *(22 13 16 00-0523)*		
22 13 16 00-0568	EA	1-1/2" Polyvinyl Chloride (PVC) DWV Double Sanitary Tees	101.75	36.66
		For Work In Restricted Working Space, Add	*16.52*	
22 13 16 00-0569	EA	2" Polyvinyl Chloride (PVC) DWV Double Sanitary Tees	138.84	46.90
		For Work In Restricted Working Space, Add	*21.14*	
22 13 16 00-0570	EA	3" Polyvinyl Chloride (PVC) DWV Double Sanitary Tees	286.48	63.08
		For Work In Restricted Working Space, Add	*28.40*	
22 13 16 00-0571	EA	4" Polyvinyl Chloride (PVC) DWV Double Sanitary Tees	418.46	73.32
		For Work In Restricted Working Space, Add	*33.03*	
22 13 16 00-0572		**Polyvinyl Chloride (PVC) DWV Reducing Double Sanitary Tees** *(22 13 16 00-0523)*		
22 13 16 00-0573	EA	2" x 2" x 1-1/2" x 1-1/2 Polyvinyl Chloride (PVC) DWV Double Sanitary Tee	124.56	41.84
		For Work In Restricted Working Space, Add	*18.83*	
22 13 16 00-0574	EA	3" x 3" x 1-1/2" x 1-1/2 Polyvinyl Chloride (PVC) DWV Double Sanitary Tee	220.04	49.87
		For Work In Restricted Working Space, Add	*22.46*	
22 13 16 00-0575	EA	3" x 3" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Sanitary Tee	254.59	55.05
		For Work In Restricted Working Space, Add	*24.77*	
22 13 16 00-0576	EA	4" x 4" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Sanitary Tee	469.09	60.11
		For Work In Restricted Working Space, Add	*27.08*	

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22 13 16 00-0577	EA	4" x 4" x 3" x 3" Polyvinyl Chloride (PVC) DWV Double Sanitary Tee	491.61	68.14
		For Work In Restricted Working Space, Add	*30.72*	

22 13 16 00-0578 Polyvinyl Chloride (PVC) DWV Reducers *(22 13 16 00-0523)*

22 13 16 00-0579	EA	2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducers	48.72	20.92
		For Work In Restricted Working Space, Add	*9.41*	
22 13 16 00-0580	EA	3" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducers	92.81	24.88
		For Work In Restricted Working Space, Add	*11.23*	
22 13 16 00-0581	EA	3" x 2" Polyvinyl Chloride (PVC) DWV Reducers	87.64	27.53
		For Work In Restricted Working Space, Add	*12.38*	
22 13 16 00-0582	EA	4" x 2" Polyvinyl Chloride (PVC) DWV Reducers	136.87	30.05
		For Work In Restricted Working Space, Add	*13.54*	
22 13 16 00-0583	EA	4" x 3" Polyvinyl Chloride (PVC) DWV Reducers	147.09	34.13
		For Work In Restricted Working Space, Add	*15.36*	
22 13 16 00-0584	EA	6" x 3" Polyvinyl Chloride (PVC) DWV Reducers	543.94	39.63
		For Work In Restricted Working Space, Add	*17.84*	
22 13 16 00-0585	EA	6" x 4" Polyvinyl Chloride (PVC) DWV Reducers	452.40	42.17
		For Work In Restricted Working Space, Add	*18.99*	
22 13 16 00-0586	EA	8" x 4" Polyvinyl Chloride (PVC) DWV Reducers	1,143.35	50.42
		For Work In Restricted Working Space, Add	*22.71*	
22 13 16 00-0587	EA	8" x 6" Polyvinyl Chloride (PVC) DWV Reducers	962.39	55.93
		For Work In Restricted Working Space, Add	*25.19*	
22 13 16 00-0588	EA	10" x 6" Polyvinyl Chloride (PVC) DWV Reducers	1,295.64	66.60
		For Work In Restricted Working Space, Add	*30.00*	
22 13 16 00-0589	EA	10" x 8" Polyvinyl Chloride (PVC) DWV Reducers	1,009.35	74.86
		For Work In Restricted Working Space, Add	*33.71*	

22 13 16 00-0590 Polyvinyl Chloride (PVC) DWV P-Traps *(22 13 16 00-0523)*

22 13 16 00-0591	EA	1-1/2" Polyvinyl Chloride (PVC) DWV P-Traps	71.64	27.53
		For Work In Restricted Working Space, Add	*12.38*	
22 13 16 00-0592	EA	2" Polyvinyl Chloride (PVC) DWV P-Traps	94.20	35.23
		For Work In Restricted Working Space, Add	*15.85*	
22 13 16 00-0593	EA	3" Polyvinyl Chloride (PVC) DWV P-Traps	276.99	47.34
		For Work In Restricted Working Space, Add	*21.30*	
22 13 16 00-0594	EA	4" Polyvinyl Chloride (PVC) DWV P-Traps	573.07	55.05
		For Work In Restricted Working Space, Add	*24.77*	
22 13 16 00-0595	EA	6" Polyvinyl Chloride (PVC) DWV P-Traps	974.59	71.45
		For Work In Restricted Working Space, Add	*32.20*	

22 13 16 00-0596 Polyvinyl Chloride (PVC) DWV Closet Flanges *(22 13 16 00-0523)*

22 13 16 00-0597	EA	4" Polyvinyl Chloride (PVC) DWV Closet Flanges	113.26	36.66
		For Work In Restricted Working Space, Add	*16.52*	
22 13 16 00-0598	EA	4" x 3" Polyvinyl Chloride (PVC) DWV Closet Flanges	91.88	34.13
		For Work In Restricted Working Space, Add	*15.36*	

22 13 16 00-0599 Polyvinyl Chloride (PVC) DWV Wyes *(22 13 16 00-0523)*

22 13 16 00-0600	EA	1-1/2" Polyvinyl Chloride (PVC) DWV Wyes	72.30	27.53
		For Work In Restricted Working Space, Add	*12.38*	
22 13 16 00-0601	EA	2" Polyvinyl Chloride (PVC) DWV Wyes	84.03	35.23
		For Work In Restricted Working Space, Add	*15.85*	
22 13 16 00-0602	EA	3" Polyvinyl Chloride (PVC) DWV Wyes	141.56	47.34
		For Work In Restricted Working Space, Add	*21.30*	
22 13 16 00-0603	EA	4" Polyvinyl Chloride (PVC) DWV Wyes	213.99	55.05
		For Work In Restricted Working Space, Add	*24.77*	
22 13 16 00-0604	EA	6" Polyvinyl Chloride (PVC) DWV Wyes	691.44	71.45
		For Work In Restricted Working Space, Add	*32.20*	
22 13 16 00-0605	EA	8" Polyvinyl Chloride (PVC) DWV Wyes	856.67	96.22
		For Work In Restricted Working Space, Add	*43.35*	
22 13 16 00-0606	EA	10" Polyvinyl Chloride (PVC) DWV Wyes	1,127.17	128.26
		For Work In Restricted Working Space, Add	*57.80*	

22 13 16 00-0607 Polyvinyl Chloride (PVC) DWV Reducing Wyes *(22 13 16 00-0523)*

22 13 16 00-0608	EA	2" x 1-1/2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Wyes	100.51	30.05
		For Work In Restricted Working Space, Add	*13.54*	
22 13 16 00-0609	EA	2" x 2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Wyes	103.86	32.59
		For Work In Restricted Working Space, Add	*14.70*	
22 13 16 00-0610	EA	3" x 3" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Wyes	147.30	40.73
		For Work In Restricted Working Space, Add	*18.33*	
22 13 16 00-0611	EA	3" x 3" x 2" Polyvinyl Chloride (PVC) DWV Reducing Wyes	119.49	43.27
		For Work In Restricted Working Space, Add	*19.49*	
22 13 16 00-0612	EA	4" x 4" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Wyes	205.67	45.79
		For Work In Restricted Working Space, Add	*20.64*	
22 13 16 00-0613	EA	4" x 4" x 2" Polyvinyl Chloride (PVC) DWV Reducing Wyes	178.23	48.44
		For Work In Restricted Working Space, Add	*21.80*	
22 13 16 00-0614	EA	4" x 4" x 3" Polyvinyl Chloride (PVC) DWV Reducing Wyes	201.97	52.40
		For Work In Restricted Working Space, Add	*23.62*	
22 13 16 00-0615	EA	6" x 6" x 3" Polyvinyl Chloride (PVC) DWV Reducing Wyes	625.09	63.41
		For Work In Restricted Working Space, Add	*28.57*	

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22 13 16 00-0616	EA	6" x 6" x 4" Polyvinyl Chloride (PVC) DWV Reducing Wyes	776.77	65.95
		For Work In Restricted Working Space, Add	*29.72*	
22 13 16 00-0617	EA	8" x 8" x 4" Polyvinyl Chloride (PVC) DWV Reducing Wyes	734.24	82.45
		For Work In Restricted Working Space, Add	*37.16*	
22 13 16 00-0618	EA	8" x 8" x 6" Polyvinyl Chloride (PVC) DWV Reducing Wyes	930.78	87.96
		For Work In Restricted Working Space, Add	*39.63*	
22 13 16 00-0619	EA	10" x 10" x 4" Polyvinyl Chloride (PVC) DWV Reducing Wyes	843.67	103.82
		For Work In Restricted Working Space, Add	*46.79*	
22 13 16 00-0620	EA	10" x 10" x 6" Polyvinyl Chloride (PVC) DWV Reducing Wyes	1,056.45	109.33
		For Work In Restricted Working Space, Add	*49.26*	
22 13 16 00-0621	EA	10" x 10" x 8" Polyvinyl Chloride (PVC) DWV Reducing Wyes	1,232.16	117.57
		For Work In Restricted Working Space, Add	*52.98*	

22 13 16 00-0622 Polyvinyl Chloride (PVC) DWV Double Wyes *(22 13 16 00-0523)*

22 13 16 00-0623	EA	1-1/2" Polyvinyl Chloride (PVC) DWV Double Wyes	121.09	36.66
		For Work In Restricted Working Space, Add	*16.52*	
22 13 16 00-0624	EA	2" Polyvinyl Chloride (PVC) DWV Double Wyes	155.35	46.90
		For Work In Restricted Working Space, Add	*21.14*	
22 13 16 00-0625	EA	3" Polyvinyl Chloride (PVC) DWV Double Wyes	314.00	63.08
		For Work In Restricted Working Space, Add	*28.40*	
22 13 16 00-0626	EA	4" Polyvinyl Chloride (PVC) DWV Double Wyes	554.72	73.32
		For Work In Restricted Working Space, Add	*33.03*	
22 13 16 00-0627	EA	6" Polyvinyl Chloride (PVC) DWV Double Wyes	1,150.09	95.34
		For Work In Restricted Working Space, Add	*42.93*	
22 13 16 00-0628	EA	8" Polyvinyl Chloride (PVC) DWV Double Wyes	1,329.13	128.37
		For Work In Restricted Working Space, Add	*57.80*	
22 13 16 00-0629	EA	10" Polyvinyl Chloride (PVC) DWV Double Wyes	2,067.81	171.08
		For Work In Restricted Working Space, Add	*77.06*	

22 13 16 00-0630 Polyvinyl Chloride (PVC) DWV Reducing Double Wyes *(22 13 16 00-0523)*

22 13 16 00-0631	EA	2" x 2" x 1-1/2" x 1-1/2 Polyvinyl Chloride (PVC) DWV Double Wyes	140.30	41.84
		For Work In Restricted Working Space, Add	*18.83*	
22 13 16 00-0632	EA	3" x 3" x 1-1/2" x 1-1/2 Polyvinyl Chloride (PVC) DWV Double Wyes	267.30	49.87
		For Work In Restricted Working Space, Add	*22.46*	
22 13 16 00-0633	EA	3" x 3" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Wyes	245.85	55.05
		For Work In Restricted Working Space, Add	*24.77*	
22 13 16 00-0634	EA	4" x 4" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Wyes	356.81	60.11
		For Work In Restricted Working Space, Add	*27.08*	
22 13 16 00-0635	EA	4" x 4" x 3" x 3" Polyvinyl Chloride (PVC) DWV Double Wyes	454.46	68.14
		For Work In Restricted Working Space, Add	*30.72*	
22 13 16 00-0636	EA	6" x 6" x 4" x 4" Polyvinyl Chloride (PVC) DWV Double Wyes	704.87	84.33
		For Work In Restricted Working Space, Add	*37.98*	
22 13 16 00-0637	EA	8" x 8" x 4" x 4" Polyvinyl Chloride (PVC) DWV Double Wyes	824.71	100.84
		For Work In Restricted Working Space, Add	*45.41*	
22 13 16 00-0638	EA	8" x 8" x 6" x 6" Polyvinyl Chloride (PVC) DWV Double Wyes	1,053.14	111.85
		For Work In Restricted Working Space, Add	*50.37*	
22 13 16 00-0639	EA	10" x 10" x 4" x 4" Polyvinyl Chloride (PVC) DWV Double Wyes	1,111.83	122.20
		For Work In Restricted Working Space, Add	*55.04*	
22 13 16 00-0640	EA	10" x 10" x 6" x 6" Polyvinyl Chloride (PVC) DWV Double Wyes	1,448.94	133.21
		For Work In Restricted Working Space, Add	*60.00*	
22 13 16 00-0641	EA	10" x 10" x 8" x 8" Polyvinyl Chloride (PVC) DWV Double Wyes	1,754.61	149.72
		For Work In Restricted Working Space, Add	*67.43*	

22 13 16 00-0642 Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends *(22 13 16 00-0523)*

22 13 16 00-0643	EA	1-1/2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends	91.65	27.53
		For Work In Restricted Working Space, Add	*12.38*	
22 13 16 00-0644	EA	2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends	114.21	35.23
		For Work In Restricted Working Space, Add	*15.85*	
22 13 16 00-0645	EA	3" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends	232.28	47.34
		For Work In Restricted Working Space, Add	*21.30*	
22 13 16 00-0646	EA	4" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends	417.46	55.05
		For Work In Restricted Working Space, Add	*24.77*	

22 13 16 00-0647 Polyvinyl Chloride (PVC) DWV Reducing Combination Wye And 1/8 Bends *(22 13 16 00-0523)*

22 13 16 00-0648	EA	2" x 2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends	176.08	32.59
		For Work In Restricted Working Space, Add	*14.70*	
22 13 16 00-0649	EA	3" x 3" x 1-1/2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends	281.89	40.73
		For Work In Restricted Working Space, Add	*18.33*	
22 13 16 00-0650	EA	3" x 3" x 2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends	202.94	43.27
		For Work In Restricted Working Space, Add	*19.49*	
22 13 16 00-0651	EA	4" x 4" x 2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends	379.65	48.44
		For Work In Restricted Working Space, Add	*21.80*	
22 13 16 00-0652	EA	4" x 4" x 3" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends	411.23	52.40
		For Work In Restricted Working Space, Add	*23.62*	

22 13 16 00-0653 Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends *(22 13 16 00-0523)*

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22 13 16 00-0654	EA	1-1/2" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	136.11	36.66
		For Work In Restricted Working Space, Add	*16.52*	
22 13 16 00-0655	EA	2" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	157.02	46.90
		For Work In Restricted Working Space, Add	*21.14*	
22 13 16 00-0656	EA	3" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	245.11	63.08
		For Work In Restricted Working Space, Add	*28.40*	
22 13 16 00-0657	EA	4" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	902.63	73.32
		For Work In Restricted Working Space, Add	*33.03*	
22 13 16 00-0658	EA	6" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	3,020.43	95.34
		For Work In Restricted Working Space, Add	*42.93*	

22 13 16 00-0659 Polyvinyl Chloride (PVC) DWV Reducing Double Combination Wye And 1/8 Bends *(22 13 16 00-0523)*

22 13 16 00-0660	EA	2" x 2" x 1-1/2" x 1-1/2 Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	327.96	41.84
		For Work In Restricted Working Space, Add	*18.83*	
22 13 16 00-0661	EA	3" x 3" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	531.90	55.05
		For Work In Restricted Working Space, Add	*24.77*	
22 13 16 00-0662	EA	4" x 4" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	927.69	60.11
		For Work In Restricted Working Space, Add	*27.08*	
22 13 16 00-0663	EA	4" x 4" x 3" x 3" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	835.27	68.14
		For Work In Restricted Working Space, Add	*30.72*	
22 13 16 00-0664	EA	6" x 6" x 4" x 4" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	2,006.36	84.33
		For Work In Restricted Working Space, Add	*37.98*	

22 13 16 00-0665 Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug *(22 13 16 00-0523)*

22 13 16 00-0666	EA	2" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug	200.48	35.23
		For Work In Restricted Working Space, Add	*15.85*	
22 13 16 00-0667	EA	3" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug	353.05	47.34
		For Work In Restricted Working Space, Add	*21.30*	
22 13 16 00-0668	EA	4" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug	573.15	55.05
		For Work In Restricted Working Space, Add	*24.77*	
22 13 16 00-0669	EA	6" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug	1,532.85	71.45
		For Work In Restricted Working Space, Add	*32.20*	
22 13 16 00-0670	EA	8" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug	1,919.33	96.22
		For Work In Restricted Working Space, Add	*43.35*	
22 13 16 00-0671	EA	10" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug	2,546.82	128.26
		For Work In Restricted Working Space, Add	*57.80*	

22 13 16 00-0672 Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug *(22 13 16 00-0523)*

22 13 16 00-0673	EA	1-1/2" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug	53.05	18.38
		For Work In Restricted Working Space, Add	*8.26*	
22 13 16 00-0674	EA	2" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug	76.42	23.45
		For Work In Restricted Working Space, Add	*10.57*	
22 13 16 00-0675	EA	3" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug	110.72	31.48
		For Work In Restricted Working Space, Add	*14.20*	
22 13 16 00-0676	EA	4" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug	203.98	36.66
		For Work In Restricted Working Space, Add	*16.52*	
22 13 16 00-0677	EA	6" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug	480.34	47.67
		For Work In Restricted Working Space, Add	*21.47*	
22 13 16 00-0678	EA	8" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug	1,093.11	64.19
		For Work In Restricted Working Space, Add	*28.90*	
22 13 16 00-0679	EA	10" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug	2,024.57	85.54
		For Work In Restricted Working Space, Add	*38.51*	

22 13 16 00-0680 Polyvinyl Chloride (PVC) Couplings *(22 13 16 00-0523)*

22 13 16 00-0681	EA	1-1/2" Polyvinyl Chloride (PVC) Couplings	35.09	18.38
		For Work In Restricted Working Space, Add	*8.26*	
22 13 16 00-0682	EA	2" Polyvinyl Chloride (PVC) Couplings	43.74	23.45
		For Work In Restricted Working Space, Add	*10.57*	
22 13 16 00-0683	EA	3" Polyvinyl Chloride (PVC) Couplings	69.08	31.48
		For Work In Restricted Working Space, Add	*14.20*	
22 13 16 00-0684	EA	4" Polyvinyl Chloride (PVC) Couplings	90.78	36.66
		For Work In Restricted Working Space, Add	*16.52*	
22 13 16 00-0685	EA	6" Polyvinyl Chloride (PVC) Couplings	268.72	47.67
		For Work In Restricted Working Space, Add	*21.47*	
22 13 16 00-0686	EA	8" Polyvinyl Chloride (PVC) Couplings	665.89	64.19
		For Work In Restricted Working Space, Add	*28.90*	
22 13 16 00-0687	EA	10" Polyvinyl Chloride (PVC) Couplings	1,011.04	85.54
		For Work In Restricted Working Space, Add	*38.53*	

22 13 16 00-0688 Polyvinyl Chloride (PVC) Male Adapters *(22 13 16 00-0523)*

22 13 16 00-0689	EA	1-1/2" Polyvinyl Chloride (PVC) Male Adapters	21.42	9.13
22 13 16 00-0690	EA	2" Polyvinyl Chloride (PVC) Male Adapters	36.44	11.78
22 13 16 00-0691	EA	3" Polyvinyl Chloride (PVC) Male Adapters	75.88	15.74
22 13 16 00-0692	EA	4" Polyvinyl Chloride (PVC) Male Adapters	147.19	18.38

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0693		**Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe** *(22 13 16 00-0488)* Note: In place piping.		
22 13 16 00-0694	EA	1-1/2", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe	8.07	
22 13 16 00-0695	EA	2", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe	8.88	
22 13 16 00-0696	EA	3", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe	11.29	
22 13 16 00-0697	EA	4", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe	15.24	
22 13 16 00-0698	EA	6", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe	21.78	
22 13 16 00-0699	EA	8", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe	29.05	
22 13 16 00-0700	EA	10", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe	35.52	
22 13 16 00-0701		**Acrylonitrile Butadiene Styrene (ABS) Drain-Waste-Vent (DWV) Pipe And Fittings** *(22 13 16)* Note: Aboveground installation.		
22 13 16 00-0702		**Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assemblies** *(22 13 16 00-0701)* Note: Includes all hangers and couplings, elbow, tee and reducer fittings. All hangers are complete assemblies installed in accordance with uniform plumbing code. Not for use where detail is available.		
22 13 16 00-0703	LF	1-1/2" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	27.43	4.62
		For Work In Restricted Working Space, Add	*6.33*	
22 13 16 00-0704	LF	2" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	30.49	5.51
		For Work In Restricted Working Space, Add	*7.01*	
22 13 16 00-0705	LF	3" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	41.93	7.93
		For Work In Restricted Working Space, Add	*8.71*	
22 13 16 00-0706	LF	4" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	48.42	8.59
		For Work In Restricted Working Space, Add	*9.68*	
22 13 16 00-0707	LF	6" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	81.86	11.01
		For Work In Restricted Working Space, Add	*12.87*	
22 13 16 00-0708		**Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe (ASTM F-628)** *(22 13 16 00-0701)* Note: Excludes fittings or hangers.		
22 13 16 00-0709	LF	1-1/2" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe	9.56	4.62
		For Work In Restricted Working Space, Add	*2.06*	
22 13 16 00-0710	LF	2" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe	11.85	5.51
		For Work In Restricted Working Space, Add	*2.48*	
22 13 16 00-0711	LF	3" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe	19.27	7.93
		For Work In Restricted Working Space, Add	*3.55*	
22 13 16 00-0712	LF	4" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe	23.47	8.59
		For Work In Restricted Working Space, Add	*3.85*	
22 13 16 00-0713	LF	6" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe	37.87	10.81
		For Work In Restricted Working Space, Add	*4.86*	
22 13 16 00-0714		**Acrylonitrile Butadiene Styrene (ABS) DWV Fittings (ASTM D-2661)** *(22 13 16 00-0701)*		
22 13 16 00-0715		**Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends** *(22 13 16 00-0714)*		
22 13 16 00-0716	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends	38.92	18.38
		For Work In Restricted Working Space, Add	*8.26*	
22 13 16 00-0717	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends	51.48	23.45
		For Work In Restricted Working Space, Add	*10.57*	
22 13 16 00-0718	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends	97.48	31.48
		For Work In Restricted Working Space, Add	*14.20*	
22 13 16 00-0719	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends	153.29	36.66
		For Work In Restricted Working Space, Add	*16.52*	
22 13 16 00-0720	EA	6" Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends	438.21	47.67
		For Work In Restricted Working Space, Add	*21.47*	
22 13 16 00-0721		**Acrylonitrile Butadiene Styrene (ABS) DWV Long Sweep 1/4 Bends** *(22 13 16 00-0714)*		
22 13 16 00-0722	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Long Sweep 1/4 Bends	54.67	18.38
		For Work In Restricted Working Space, Add	*8.26*	
22 13 16 00-0723	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Long Sweep 1/4 Bends	66.87	23.45
		For Work In Restricted Working Space, Add	*10.57*	
22 13 16 00-0724	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV Long Sweep 1/4 Bends	135.70	31.48
		For Work In Restricted Working Space, Add	*14.20*	
22 13 16 00-0725	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV Long Sweep 1/4 Bends	229.33	36.66
		For Work In Restricted Working Space, Add	*16.52*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0726		**Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends** *(22 13 16 00-0714)*		
22 13 16 00-0727	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends	41.05	18.38
		For Work In Restricted Working Space, Add	*8.26*	
22 13 16 00-0728	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends	49.98	23.45
		For Work In Restricted Working Space, Add	*10.57*	
22 13 16 00-0729	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends	89.64	31.48
		For Work In Restricted Working Space, Add	*14.20*	
22 13 16 00-0730	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends	138.82	36.66
		For Work In Restricted Working Space, Add	*16.52*	
22 13 16 00-0731	EA	6" Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends	453.48	47.67
		For Work In Restricted Working Space, Add	*21.47*	
22 13 16 00-0732		**Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees** *(22 13 16 00-0714)*		
22 13 16 00-0733	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees	60.68	27.53
		For Work In Restricted Working Space, Add	*12.38*	
22 13 16 00-0734	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees	81.99	35.23
		For Work In Restricted Working Space, Add	*15.85*	
22 13 16 00-0735	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees	145.30	47.34
		For Work In Restricted Working Space, Add	*21.30*	
22 13 16 00-0736	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees	225.31	55.05
		For Work In Restricted Working Space, Add	*24.77*	
22 13 16 00-0737	EA	6" Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees	881.07	71.45
		For Work In Restricted Working Space, Add	*32.20*	
22 13 16 00-0738		**Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees** *(22 13 16 00-0714)*		
22 13 16 00-0739	EA	2" x 1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees	76.07	30.05
		For Work In Restricted Working Space, Add	*13.54*	
22 13 16 00-0740	EA	2" x 1-1/2" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees	92.43	32.59
		For Work In Restricted Working Space, Add	*14.70*	
22 13 16 00-0741	EA	2" x 2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees	76.94	32.59
		For Work In Restricted Working Space, Add	*14.70*	
22 13 16 00-0742	EA	3" x 3" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees	117.84	40.73
		For Work In Restricted Working Space, Add	*18.33*	
22 13 16 00-0743	EA	3" x 3" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees	122.22	43.27
		For Work In Restricted Working Space, Add	*19.49*	
22 13 16 00-0744	EA	4" x 4" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees	274.55	45.79
		For Work In Restricted Working Space, Add	*20.64*	
22 13 16 00-0745	EA	4" x 4" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees	264.71	48.44
		For Work In Restricted Working Space, Add	*21.80*	
22 13 16 00-0746	EA	4" x 4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees	303.92	52.40
		For Work In Restricted Working Space, Add	*23.62*	
22 13 16 00-0747	EA	6" x 6" x 4" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees	964.16	65.95
		For Work In Restricted Working Space, Add	*29.72*	
22 13 16 00-0748		**Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees** *(22 13 16 00-0714)*		
22 13 16 00-0749	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees	113.97	36.66
		For Work In Restricted Working Space, Add	*16.52*	
22 13 16 00-0750	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees	156.43	46.90
		For Work In Restricted Working Space, Add	*21.14*	
22 13 16 00-0751	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees	336.18	63.08
		For Work In Restricted Working Space, Add	*28.40*	
22 13 16 00-0752	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees	497.14	73.32
		For Work In Restricted Working Space, Add	*33.03*	
22 13 16 00-0753		**Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Double Sanitary Tees** *(22 13 16 00-0714)*		
22 13 16 00-0754	EA	2" x 2" x 1-1/2" x 1-1/2 Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees	129.58	41.84
		For Work In Restricted Working Space, Add	*18.83*	
22 13 16 00-0755	EA	3" x 3" x 1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees	197.94	49.87
		For Work In Restricted Working Space, Add	*22.46*	
22 13 16 00-0756	EA	3" x 3" x 2" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees	228.20	55.05
		For Work In Restricted Working Space, Add	*24.77*	
22 13 16 00-0757	EA	4" x 4" x 2" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	409.44	59.06
		For Work In Restricted Working Space, Add	*26.61*	
22 13 16 00-0758	EA	4" x 4" x 3" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees	430.20	66.96
		For Work In Restricted Working Space, Add	*30.18*	
22 13 16 00-0759		**Acrylonitrile Butadiene Styrene (ABS) DWV Wyes** *(22 13 16 00-0714)*		
22 13 16 00-0760	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Wyes	80.33	27.53
		For Work In Restricted Working Space, Add	*12.38*	
22 13 16 00-0761	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Wyes	92.94	35.23
		For Work In Restricted Working Space, Add	*15.85*	
22 13 16 00-0762	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV Wyes	159.75	47.34
		For Work In Restricted Working Space, Add	*21.30*	
22 13 16 00-0763	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV Wyes	247.90	55.05
		For Work In Restricted Working Space, Add	*24.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0764	EA	6" Acrylonitrile Butadiene Styrene (ABS) DWV Wyes	714.01	71.45
		For Work In Restricted Working Space, Add	*32.20*	

22 13 16 00-0765 Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes *(22 13 16 00-0714)*

22 13 16 00-0766	EA	2" x 1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes	114.82	30.05
		For Work In Restricted Working Space, Add	*13.54*	
22 13 16 00-0767	EA	2" x 2" X 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes	117.96	32.59
		For Work In Restricted Working Space, Add	*14.70*	
22 13 16 00-0768	EA	3" x 3" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes	133.92	43.27
		For Work In Restricted Working Space, Add	*19.49*	
22 13 16 00-0769	EA	4" x 4" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes	205.50	48.44
		For Work In Restricted Working Space, Add	*21.80*	
22 13 16 00-0770	EA	4" x 4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes	233.92	52.40
		For Work In Restricted Working Space, Add	*23.62*	
22 13 16 00-0771	EA	6" x 6" x 4" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes	600.31	65.95
		For Work In Restricted Working Space, Add	*29.72*	

22 13 16 00-0772 Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes *(22 13 16 00-0714)*

22 13 16 00-0773	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	138.11	36.66
		For Work In Restricted Working Space, Add	*16.52*	
22 13 16 00-0774	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	177.29	46.90
		For Work In Restricted Working Space, Add	*21.14*	
22 13 16 00-0775	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	370.87	63.08
		For Work In Restricted Working Space, Add	*28.40*	
22 13 16 00-0776	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	669.58	73.32
		For Work In Restricted Working Space, Add	*33.03*	

22 13 16 00-0777 Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Double Wyes *(22 13 16 00-0714)*

22 13 16 00-0778	EA	2" x 2" x 1-1/2" x 1-1/2 Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	160.32	41.84
		For Work In Restricted Working Space, Add	*18.83*	
22 13 16 00-0779	EA	3" x 3" x 1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	269.68	49.87
		For Work In Restricted Working Space, Add	*22.46*	
22 13 16 00-0780	EA	3" x 3" x 2" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	287.62	55.05
		For Work In Restricted Working Space, Add	*24.77*	
22 13 16 00-0781	EA	4" x 4" x 2" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	425.72	60.11
		For Work In Restricted Working Space, Add	*27.08*	
22 13 16 00-0782	EA	4" x 4" x 3" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	545.48	68.14
		For Work In Restricted Working Space, Add	*30.72*	

22 13 16 00-0783 Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bend *(22 13 16 00-0714)*

22 13 16 00-0784	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends	103.66	27.53
		For Work In Restricted Working Space, Add	*12.38*	
22 13 16 00-0785	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends	133.91	35.23
		For Work In Restricted Working Space, Add	*15.85*	
22 13 16 00-0786	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends	204.58	47.34
		For Work In Restricted Working Space, Add	*21.30*	
22 13 16 00-0787	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends	343.35	54.09
		For Work In Restricted Working Space, Add	*24.34*	

22 13 16 00-0788 Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Combination Wye And 1/8 Bend *(22 13 16 00-0714)*

22 13 16 00-0789	EA	2" x 2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends	114.64	32.59
		For Work In Restricted Working Space, Add	*14.70*	
22 13 16 00-0790	EA	3" x 3" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends	216.56	40.73
		For Work In Restricted Working Space, Add	*18.33*	
22 13 16 00-0791	EA	3" x 3" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends	162.10	43.27
		For Work In Restricted Working Space, Add	*19.49*	
22 13 16 00-0792	EA	4" x 4" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends	289.05	48.44
		For Work In Restricted Working Space, Add	*21.80*	
22 13 16 00-0793	EA	4" x 4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends	313.04	52.40
		For Work In Restricted Working Space, Add	*23.62*	

22 13 16 00-0794 Acrylonitrile Butadiene Styrene (ABS) DWV Double Combination Wye And 1/8 Bend *(22 13 16 00-0714)*

22 13 16 00-0795	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Combination Wye And 1/8 Bends	217.22	46.90
		For Work In Restricted Working Space, Add	*21.14*	
22 13 16 00-0796	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV Double Combination Wye And 1/8 Bends	433.18	63.08
		For Work In Restricted Working Space, Add	*28.40*	

22 13 16 00-0797 Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Double Combination Wye And 1/8 Bend *(22 13 16 00-0714)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0798	EA	2" x 2" x 1-1/2" x 1-1/2 Acrylonitrile Butadiene Styrene (ABS) DWV Double Combination Wye And 1/8 Bends	180.86	41.84
		For Work In Restricted Working Space, Add	*18.83*	
22 13 16 00-0799	EA	3" x 3" x 2" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Combination Wye And 1/8 Bends	415.30	55.05
		For Work In Restricted Working Space, Add	*24.77*	

22 13 16 00-0800 Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Tees With Plug *(22 13 16 00-0714)*

22 13 16 00-0801	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Tees With Plug	114.65	27.53
		For Work In Restricted Working Space, Add	*12.38*	
22 13 16 00-0802	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Tees With Plug	144.90	35.23
		For Work In Restricted Working Space, Add	*15.85*	
22 13 16 00-0803	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Tees With Plug	229.14	47.34
		For Work In Restricted Working Space, Add	*21.30*	
22 13 16 00-0804	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Tees With Plug	378.16	55.05
		For Work In Restricted Working Space, Add	*24.77*	

22 13 16 00-0805 Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug *(22 13 16 00-0714)*

22 13 16 00-0806	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug	52.68	18.38
		For Work In Restricted Working Space, Add	*8.26*	
22 13 16 00-0807	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug	75.82	23.45
		For Work In Restricted Working Space, Add	*10.57*	
22 13 16 00-0808	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug	109.72	31.48
		For Work In Restricted Working Space, Add	*14.20*	
22 13 16 00-0809	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug	201.91	36.66
		For Work In Restricted Working Space, Add	*16.52*	
22 13 16 00-0810	EA	6" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug	474.74	47.67
		For Work In Restricted Working Space, Add	*21.47*	

22 13 16 00-0811 Acrylonitrile Butadiene Styrene (ABS) DWV Couplings *(22 13 16 00-0714)*

22 13 16 00-0812	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Couplings	36.20	18.38
		For Work In Restricted Working Space, Add	*8.26*	
22 13 16 00-0813	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Couplings	44.37	23.45
		For Work In Restricted Working Space, Add	*10.57*	
22 13 16 00-0814	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV Couplings	72.21	31.48
		For Work In Restricted Working Space, Add	*14.20*	
22 13 16 00-0815	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV Couplings	96.05	36.66
		For Work In Restricted Working Space, Add	*16.52*	
22 13 16 00-0816	EA	6" Acrylonitrile Butadiene Styrene (ABS) DWV Couplings	274.19	47.67
		For Work In Restricted Working Space, Add	*21.47*	

22 13 16 00-0817 Acrylonitrile Butadiene Styrene (ABS) DWV Reducers *(22 13 16 00-0714)*

22 13 16 00-0818	EA	2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducers	53.35	20.92
		For Work In Restricted Working Space, Add	*9.41*	
22 13 16 00-0819	EA	3" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducers	107.12	24.88
		For Work In Restricted Working Space, Add	*11.23*	
22 13 16 00-0820	EA	3" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducers	99.71	27.53
		For Work In Restricted Working Space, Add	*12.38*	
22 13 16 00-0821	EA	4" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducers	160.38	30.05
		For Work In Restricted Working Space, Add	*13.54*	
22 13 16 00-0822	EA	4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Reducers	171.76	34.13
		For Work In Restricted Working Space, Add	*15.36*	

22 13 16 00-0823 Acrylonitrile Butadiene Styrene (ABS) DWV P-Traps *(22 13 16 00-0714)*

22 13 16 00-0824	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV P-Traps	83.89	27.53
		For Work In Restricted Working Space, Add	*12.38*	
22 13 16 00-0825	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV P-Traps	121.81	35.23
		For Work In Restricted Working Space, Add	*15.85*	
22 13 16 00-0826	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV P-Traps	386.90	47.34
		For Work In Restricted Working Space, Add	*21.30*	
22 13 16 00-0827	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV P-Traps	729.74	55.05
		For Work In Restricted Working Space, Add	*24.77*	

22 13 16 00-0828 Acrylonitrile Butadiene Styrene (ABS) DWV Closet Flanges *(22 13 16 00-0714)*

22 13 16 00-0829	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV Closet Flanges	114.54	36.66
		For Work In Restricted Working Space, Add	*16.52*	
22 13 16 00-0830	EA	4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Closet Flanges	106.99	34.13
		For Work In Restricted Working Space, Add	*15.36*	

22 13 16 00-0831 Acrylonitrile Butadiene Styrene (ABS) DWV Male Adapters *(22 13 16 00-0714)*

22 13 16 00-0832	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Male Adapters	24.82	9.13
		For Work In Restricted Working Space, Add	*4.13*	
22 13 16 00-0833	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Male Adapters	37.22	11.78
		For Work In Restricted Working Space, Add	*5.28*	
22 13 16 00-0834	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV Male Adapters	80.79	15.74
		For Work In Restricted Working Space, Add	*7.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0835	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV Male Adapters	153.90	18.38
		For Work In Restricted Working Space, Add	*8.26*	

22 13 16 00-0836 Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushings *(22 13 16 00-0714)*

22 13 16 00-0837	EA	2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing	40.51	20.92
		For Work In Restricted Working Space, Add	*9.41*	
22 13 16 00-0838	EA	3" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing	86.75	24.88
		For Work In Restricted Working Space, Add	*11.23*	
22 13 16 00-0839	EA	3" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing	72.61	27.53
		For Work In Restricted Working Space, Add	*12.38*	
22 13 16 00-0840	EA	4" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing	158.80	30.05
		For Work In Restricted Working Space, Add	*13.54*	
22 13 16 00-0841	EA	4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing	117.05	34.13
		For Work In Restricted Working Space, Add	*15.36*	
22 13 16 00-0842	EA	6" x 4" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing	320.47	41.43
		For Work In Restricted Working Space, Add	*18.66*	

22 13 16 00-0843 Acrylonitrile Butadiene Styrene (ABS) To Polyvinyl Chloride (PVC) Flexible Couplings *(22 13 16 00-0714)*

22 13 16 00-0844	EA	1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) To Polyvinyl Chloride (PVC) Flexible Coupling	152.62	18.38
		For Work In Restricted Working Space, Add	*8.26*	
22 13 16 00-0845	EA	2" x 2" Acrylonitrile Butadiene Styrene (ABS) To Polyvinyl Chloride (PVC) Flexible Coupling	168.66	23.45
		For Work In Restricted Working Space, Add	*10.57*	
22 13 16 00-0846	EA	3" x 3" Acrylonitrile Butadiene Styrene (ABS) To Polyvinyl Chloride (PVC) Flexible Coupling	189.11	31.48
		For Work In Restricted Working Space, Add	*14.20*	
22 13 16 00-0847	EA	4" x 4" Acrylonitrile Butadiene Styrene (ABS) To Polyvinyl Chloride (PVC) Flexible Coupling	205.16	36.66
		For Work In Restricted Working Space, Add	*16.52*	

22 13 16 00-0848 Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe

(22 13 16 00-0701)

Note: In place piping.

22 13 16 00-0849	EA	1-1/2", Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe	8.07
22 13 16 00-0850	EA	2", Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe	8.88
22 13 16 00-0851	EA	3", Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe	11.29
22 13 16 00-0852	EA	4", Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe	15.24
22 13 16 00-0853	EA	6", Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe	21.78

22 13 16 00-0854 Elastomeric Flexible Pipe Couplings *(22 13 16)*

22 13 16 00-0855 Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Couplings

(22 13 16 00-0854)

Note: For cast iron or plastic to cast iron or plastic pipe (Cast Iron/Plastic To Cast Iron/Plastic). Includes stainless steel clamps.

22 13 16 00-0856	EA	1-1/4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-125)	14.59	4.78
22 13 16 00-0857	EA	1-1/2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-150)	15.73	5.08
22 13 16 00-0858	EA	2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-22)	16.54	5.38
22 13 16 00-0859	EA	3" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-33)	19.17	5.68
22 13 16 00-0860	EA	4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-44)	21.74	5.98
22 13 16 00-0861	EA	5" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-55)	27.88	6.28
22 13 16 00-0862	EA	6" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-66)	34.07	6.57
22 13 16 00-0863	EA	8" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-88)	46.52	7.18
22 13 16 00-0864	EA	10" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-1010)	61.47	8.37

22 13 16 00-0865 Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Couplings *(22 13 16 00-0854)*

Note: For cast iron or plastic to cast iron or plastic pipe (Cast Iron/Plastic To Cast Iron/Plastic). Includes stainless steel clamps.

22 13 16 00-0866	EA	1-1/2" x 1-1/4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-150/125)	15.53	5.08
22 13 16 00-0867	EA	2" x 1-1/2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-215)	16.87	5.38
22 13 16 00-0868	EA	3" x 1-1/2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-315)	20.79	5.68
22 13 16 00-0869	EA	3" x 2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-32)	18.58	5.68
22 13 16 00-0870	EA	4" x 1-1/2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-415)	25.71	5.98
22 13 16 00-0871	EA	4" x 2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-42)	24.58	5.98
22 13 16 00-0872	EA	4" x 3" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-43)	22.49	5.98
22 13 16 00-0873	EA	5" x 3" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-53)	32.79	6.28
22 13 16 00-0874	EA	5" x 4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-54)	29.59	6.28
22 13 16 00-0875	EA	6" x 3" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-63)	40.67	6.57
22 13 16 00-0876	EA	6" x 4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-64)	35.89	6.57
22 13 16 00-0877	EA	6" x 5" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-65)	37.22	6.57
22 13 16 00-0878	EA	8" x 4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-84)	73.15	11.96
22 13 16 00-0879	EA	8" x 6" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-86)	59.88	11.96
22 13 16 00-0880	EA	10" x 8" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-10-8)	75.89	13.45

22 13 16 00-0881 Elastomeric Flexible Pipe Caps (Fernco QC) *(22 13 16)*

Note: For cast iron, steel, copper or plastic pipe. Includes stainless steel clamp.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0882	EA	1-1/2" Elastomeric Flexible Pipe Cap (Fernco QC-101)	53.16	32.28
22 13 16 00-0883	EA	2" Elastomeric Flexible Pipe Cap (Fernco QC-102)	57.06	34.32
22 13 16 00-0884	EA	3" Elastomeric Flexible Pipe Cap (Fernco QC-103)	66.13	39.33
22 13 16 00-0885	EA	4" Elastomeric Flexible Pipe Cap (Fernco QC-104)	87.22	52.00
22 13 16 00-0886	EA	5" Elastomeric Flexible Pipe Cap (Fernco QC-105)	104.59	62.17
22 13 16 00-0887	EA	6" Elastomeric Flexible Pipe Cap (Fernco QC-106)	120.46	71.74
22 13 16 00-0888	EA	8" Elastomeric Flexible Pipe Cap (Fernco QC-108)	162.26	90.86
22 13 16 00-0889	EA	10" Elastomeric Flexible Pipe Cap (Fernco QC-110)	200.72	101.62
22 13 16 00-0890	EA	12" Elastomeric Flexible Pipe Cap (Fernco QC-112)	256.04	112.98
22 13 16 00-0891		Cast Iron Vent Stack Flashing Sleeves With Caulking Recess (Josam 26450 Series) *(22 13 16)*		
22 13 16 00-0892	EA	1-1/2" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess	101.74	24.77
22 13 16 00-0893	EA	2" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess	107.25	27.53
22 13 16 00-0894	EA	3" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess	161.04	35.78
22 13 16 00-0895	EA	4" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess	188.83	41.28
22 13 16 00-0896	EA	5" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess	220.33	46.79
22 13 16 00-0897	EA	6" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess	373.01	52.29
22 13 16 00-0898		Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess (Josam 26440 Series) *(22 13 16)*		
22 13 16 00-0899	EA	1-1/2" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess	212.45	24.77
22 13 16 00-0900	EA	2" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess	217.96	27.53
22 13 16 00-0901	EA	3" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess	258.83	35.78
22 13 16 00-0902	EA	4" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess	324.13	41.28
22 13 16 00-0903	EA	5" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess	443.75	46.79
22 13 16 00-0904	EA	6" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess	454.76	52.29
22 13 16 00-0905		Cast Iron Vandal Proof Hooded Vent Cap (Josam 26700 Series) *(22 13 16)* Note: Includes counterflashing collar, deep protective hood and recessed securing screws.		
22 13 16 00-0906	EA	1-1/2" Cast Iron Vandal Proof Hooded Vent Cap	407.18	24.77
22 13 16 00-0907	EA	2" Cast Iron Vandal Proof Hooded Vent Cap	412.69	27.53
22 13 16 00-0908	EA	3" Cast Iron Vandal Proof Hooded Vent Cap	473.91	35.78
22 13 16 00-0909	EA	4" Cast Iron Vandal Proof Hooded Vent Cap	533.35	41.28
22 13 16 00-0910	EA	5" Cast Iron Vandal Proof Hooded Vent Cap	622.59	46.79
22 13 16 00-0911	EA	6" Cast Iron Vandal Proof Hooded Vent Cap	680.17	52.29

22 13 19 Sanitary Waste Piping Specialties *(22 13)*

22 13 19 13 Sanitary Drains *(22 13 19)*

22 13 19 13-0001 Round Top Floor Drains *(22 13 19 13)*

22 13 19 13-0002	EA	Bronze Top, 6" Round Top Floor Drain With 1-1/2" Outlet	837.44	118.35
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
22 13 19 13-0003	EA	Bronze Top, 6" Round Top Floor Drain With 2" Outlet	919.78	132.66
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
22 13 19 13-0004	EA	Bronze Top, 6" Round Top Floor Drain With 3" Outlet	894.36	146.75
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
22 13 19 13-0005	EA	Bronze Top, 6" Round Top Floor Drain With 4" Outlet	924.59	161.95
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
22 13 19 13-0006	EA	Cast Iron Top, 9" Round Top Floor Drain With 2" Outlet	838.38	132.66
		For Nikaloy Dome Grate, Add	*178.50*	
		For Ductile Iron Grate, Add	*48.00*	
		For Bronze Dome Grate, Add	*143.00*	
		For Vandal Proof Screws, Add	*30.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Cast Iron Extension Collar, Each 3" (76 mm), Add	*57.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
22 13 19 13-0007	EA	Cast Iron Top, 9" Round Top Floor Drain With 3" Outlet	866.67	146.75
		For Nikaloy Dome Grate, Add	*178.50*	
		For Ductile Iron Grate, Add	*48.00*	
		For Bronze Dome Grate, Add	*143.00*	
		For Vandal Proof Screws, Add	*30.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Cast Iron Extension Collar, Each 3" (76 mm), Add	*57.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0008	EA	Cast Iron Top, 9" Round Top Floor Drain With 4" Outlet	896.90	161.95
		For Nikaloy Dome Grate, Add	*178.50*	
		For Ductile Iron Grate, Add	*48.00*	
		For Bronze Dome Grate, Add	*143.00*	
		For Vandal Proof Screws, Add	*30.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Cast Iron Extension Collar, Each 3" (76 mm), Add	*57.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
22 13 19 13-0009	EA	Nikaloy Top, 9" Round Top Floor Drain With 2" Outlet	1,408.71	132.66
		For Nikaloy Dome Grate, Add	*178.50*	
		For Ductile Iron Grate, Add	*48.00*	
		For Bronze Dome Grate, Add	*143.00*	
		For Vandal Proof Screws, Add	*30.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Cast Iron Extension Collar, Each 3" (76 mm), Add	*57.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
22 13 19 13-0010	EA	Nikaloy Top, 9" Round Top Floor Drain With 3" Outlet	1,437.00	146.75
		For Nikaloy Dome Grate, Add	*178.50*	
		For Ductile Iron Grate, Add	*48.00*	
		For Bronze Dome Grate, Add	*143.00*	
		For Vandal Proof Screws, Add	*30.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Cast Iron Extension Collar, Each 3" (76 mm), Add	*57.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
22 13 19 13-0011	EA	Nikaloy Top, 9" Round Top Floor Drain With 4" Outlet	1,467.23	161.95
		For Nikaloy Dome Grate, Add	*178.50*	
		For Ductile Iron Grate, Add	*48.00*	
		For Bronze Dome Grate, Add	*143.00*	
		For Vandal Proof Screws, Add	*30.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Cast Iron Extension Collar, Each 3" (76 mm), Add	*57.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
22 13 19 13-0012	EA	Bronze Top, 9" Round Top Floor Drain With 2" Outlet	1,325.65	132.66
		For Nikaloy Dome Grate, Add	*178.50*	
		For Ductile Iron Grate, Add	*48.00*	
		For Bronze Dome Grate, Add	*143.00*	
		For Vandal Proof Screws, Add	*30.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Cast Iron Extension Collar, Each 3" (76 mm), Add	*57.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
22 13 19 13-0013	EA	Bronze Top, 9" Round Top Floor Drain With 3" Outlet	1,353.79	146.75
		For Nikaloy Dome Grate, Add	*178.50*	
		For Ductile Iron Grate, Add	*48.00*	
		For Bronze Dome Grate, Add	*143.00*	
		For Vandal Proof Screws, Add	*30.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Cast Iron Extension Collar, Each 3" (76 mm), Add	*57.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
22 13 19 13-0014	EA	Bronze Top, 9" Round Top Floor Drain With 4" Outlet	1,384.17	161.95
		For Nikaloy Dome Grate, Add	*178.50*	
		For Ductile Iron Grate, Add	*48.00*	
		For Bronze Dome Grate, Add	*143.00*	
		For Vandal Proof Screws, Add	*30.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Cast Iron Extension Collar, Each 3" (76 mm), Add	*57.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
22 13 19 13-0015	EA	Cast Iron Top, 12-5/8" Round Top Floor Drain With 2" Outlet	1,458.42	132.55
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Galvanized Cast Iron Parts, Add	*132.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Vandal Proof Screws, Add	*30.50*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	
22 13 19 13-0016	EA	Cast Iron Top, 12-5/8" Round Top Floor Drain With 3" Outlet	1,486.69	146.75
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Galvanized Cast Iron Parts, Add	*132.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Vandal Proof Screws, Add	*30.50*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0017	EA	Cast Iron Top, 12-5/8" Round Top Floor Drain With 4" Outlet	1,517.07	161.95
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Galvanized Cast Iron Parts, Add	*132.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Vandal Proof Screws, Add	*30.50*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	
22 13 19 13-0018	EA	Nikaloy Top, 12-5/8" Round Top Floor Drain With 2" Outlet	2,311.15	132.55
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Galvanized Cast Iron Parts, Add	*132.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Vandal Proof Screws, Add	*30.50*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	
22 13 19 13-0019	EA	Nikaloy Top, 12-5/8" Round Top Floor Drain With 3" Outlet	2,339.42	146.75
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Galvanized Cast Iron Parts, Add	*132.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Vandal Proof Screws, Add	*30.50*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	
22 13 19 13-0020	EA	Nikaloy Top, 12-5/8" Round Top Floor Drain With 4" Outlet	2,369.80	161.95
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Galvanized Cast Iron Parts, Add	*132.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Vandal Proof Screws, Add	*30.50*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	
22 13 19 13-0021	EA	Bronze Top, 12-5/8" Round Top Floor Drain With 2" Outlet	2,197.63	132.55
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Galvanized Cast Iron Parts, Add	*132.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Vandal Proof Screws, Add	*30.50*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	
22 13 19 13-0022	EA	Bronze Top, 12-5/8" Round Top Floor Drain With 3" Outlet	2,225.90	146.75
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Galvanized Cast Iron Parts, Add	*132.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Vandal Proof Screws, Add	*30.50*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	
22 13 19 13-0023	EA	Bronze Top, 12-5/8" Round Top Floor Drain With 4" Outlet	2,256.28	161.95
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Galvanized Cast Iron Parts, Add	*132.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Vandal Proof Screws, Add	*30.50*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	

22 13 19 13-0024 Square Or Rectangular Top Drains *(22 13 19 13)*

22 13 19 13-0025	EA	5" x 5" Floor Drain With 2" Bottom Outlet, Nikaloy Top	996.06	132.55
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
22 13 19 13-0026	EA	5" x 5" Floor Drain With 3" Bottom Outlet, Nikaloy Top	1,024.64	146.86
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
22 13 19 13-0027	EA	5" x 5" Floor Drain With 4" Bottom Outlet, Nikaloy Top	1,054.71	161.95
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0028	EA	6" x 6" Floor Drain With 2" Bottom Outlet, Nikaloy Top	1,079.12	132.55
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
22 13 19 13-0029	EA	6" x 6" Floor Drain With 3" Bottom Outlet, Nikaloy Top	1,107.70	146.86
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
22 13 19 13-0030	EA	6" x 6" Floor Drain With 4" Bottom Outlet, Nikaloy Top	1,137.77	161.95
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
22 13 19 13-0031	EA	8" x 8" Floor Drain With 2" Bottom Outlet, Nikaloy Top	1,444.57	132.55
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
22 13 19 13-0032	EA	8" x 8" Floor Drain With 3" Bottom Outlet, Nikaloy Top	1,473.15	146.86
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
22 13 19 13-0033	EA	8" x 8" Floor Drain With 4" Bottom Outlet, Nikaloy Top	1,503.22	161.95
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
22 13 19 13-0034	EA	5" x 5" Floor Drain With 2" Bottom Outlet, Bronze Top	935.15	132.55
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
22 13 19 13-0035	EA	5" x 5" Floor Drain With 3" Bottom Outlet, Bronze Top	963.73	146.86
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
22 13 19 13-0036	EA	5" x 5" Floor Drain With 4" Bottom Outlet, Bronze Top	993.80	161.95
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
22 13 19 13-0037	EA	6" x 6" Floor Drain With 2" Bottom Outlet, Bronze Top	1,040.36	132.55
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
22 13 19 13-0038	EA	6" x 6" Floor Drain With 3" Bottom Outlet, Bronze Top	1,068.94	146.86
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
22 13 19 13-0039	EA	6" x 6" Floor Drain With 4" Bottom Outlet, Bronze Top	1,099.01	161.95
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
22 13 19 13-0040	EA	8" x 8" Floor Drain With 2" Bottom Outlet, Bronze Top	1,336.60	132.55
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
22 13 19 13-0041	EA	8" x 8" Floor Drain With 3" Bottom Outlet, Bronze Top	1,365.18	146.86
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
22 13 19 13-0042	EA	8" x 8" Floor Drain With 4" Bottom Outlet, Bronze Top	1,395.25	161.95
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
22 13 19 13-0043	EA	12" x 12" Can Wash Drain With 3" Bottom Outlet, Cast Iron Top	3,502.54	146.86
		For Galvanized Cast Iron Parts, Add	*318.00*	
		For No-Hub Side Outlet, Add	*76.00*	
		For Chained Grate, Add	*48.50*	
22 13 19 13-0044	EA	12" x 12" Can Wash Drain With 4" Bottom Outlet, Cast Iron Top	3,532.61	161.95
		For Galvanized Cast Iron Parts, Add	*318.00*	
		For No-Hub Side Outlet, Add	*76.00*	
		For Chained Grate, Add	*48.50*	
22 13 19 13-0045	EA	12" x 12" Can Wash Drain With 3" Bottom Outlet, Nikaloy Top	4,405.10	146.86
		For Galvanized Cast Iron Parts, Add	*318.00*	
		For No-Hub Side Outlet, Add	*76.00*	
		For Chained Grate, Add	*48.50*	
22 13 19 13-0046	EA	12" x 12" Can Wash Drain With 4" Bottom Outlet, Nikaloy Top	4,435.17	161.95
		For Galvanized Cast Iron Parts, Add	*318.00*	
		For No-Hub Side Outlet, Add	*76.00*	
		For Chained Grate, Add	*48.50*	
22 13 19 13-0047	EA	12" x 12" Can Wash Drain With 3" Bottom Outlet, Bronze Top	4,297.13	146.86
		For Galvanized Cast Iron Parts, Add	*318.00*	
		For No-Hub Side Outlet, Add	*76.00*	
		For Chained Grate, Add	*48.50*	
22 13 19 13-0048	EA	12" x 12" Can Wash Drain With 4" Bottom Outlet, Bronze Top	4,327.20	161.95
		For Galvanized Cast Iron Parts, Add	*318.00*	
		For No-Hub Side Outlet, Add	*76.00*	
		For Chained Grate, Add	*48.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0049	EA	5" x 9" Floor Drain With 2" Bottom Outlet, Nikaloy Top	1,466.72	132.55
		For Rough Bronze Body, Add	*120.94*	
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
22 13 19 13-0050	EA	5" x 9" Floor Drain With 3" Bottom Outlet, Nikaloy Top	1,495.30	146.86
		For Rough Bronze Body, Add	*120.94*	
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
22 13 19 13-0051	EA	5" x 9" Floor Drain With 4" Bottom Outlet, Nikaloy Top	1,525.37	161.95
		For Rough Bronze Body, Add	*120.94*	
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
22 13 19 13-0052	EA	5" x 13" Floor Drain With 2" Bottom Outlet, Nikaloy Top	1,895.86	132.55
		For Rough Bronze Body, Add	*120.94*	
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
22 13 19 13-0053	EA	5" x 13" Floor Drain With 3" Bottom Outlet, Nikaloy Top	1,924.44	146.86
		For Rough Bronze Body, Add	*120.94*	
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
22 13 19 13-0054	EA	5" x 13" Floor Drain With 4" Bottom Outlet, Nikaloy Top	1,954.51	161.95
		For Rough Bronze Body, Add	*120.94*	
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
22 13 19 13-0055	EA	5" x 16-3/4" Floor Drain With 2" Bottom Outlet, Nikaloy Top	1,995.53	132.55
		For Rough Bronze Body, Add	*120.94*	
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
22 13 19 13-0056	EA	5" x 16-5/8" Floor Drain With 3" Bottom Outlet, Nikaloy Top	2,024.11	146.86
		For Rough Bronze Body, Add	*120.94*	
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
22 13 19 13-0057	EA	5" x 16-3/4" Floor Drain With 4" Bottom Outlet, Nikaloy Top	2,054.18	161.95
		For Rough Bronze Body, Add	*120.94*	
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
22 13 19 13-0058	EA	5" x 21" Floor Drain With 2" Bottom Outlet, Nikaloy Top	2,767.96	132.55
		For Rough Bronze Body, Add	*120.94*	
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
22 13 19 13-0059	EA	5" x 21" Floor Drain With 3" Bottom Outlet, Nikaloy Top	2,796.54	146.86
		For Rough Bronze Body, Add	*120.94*	
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
22 13 19 13-0060	EA	5" x 21" Floor Drain With 4" Bottom Outlet, Nikaloy Top	2,826.61	161.95
		For Rough Bronze Body, Add	*120.94*	
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
22 13 19 13-0061	EA	5" x 9" Floor Drain With 2" Bottom Outlet, Bronze Top	1,378.13	132.55
		For Rough Bronze Body, Add	*120.94*	
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
22 13 19 13-0062	EA	5" x 9" Floor Drain With 3" Bottom Outlet, Bronze Top	1,406.71	146.86
		For Rough Bronze Body, Add	*120.94*	
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
22 13 19 13-0063	EA	5" x 9" Floor Drain With 4" Bottom Outlet, Bronze Top	1,436.78	161.95
		For Rough Bronze Body, Add	*120.94*	
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
22 13 19 13-0064	EA	5" x 13" Floor Drain With 2" Bottom Outlet, Bronze Top	1,743.58	132.55
		For Rough Bronze Body, Add	*120.94*	
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
22 13 19 13-0065	EA	5" x 13" Floor Drain With 3" Bottom Outlet, Bronze Top	1,772.16	146.86
		For Rough Bronze Body, Add	*120.94*	
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
22 13 19 13-0066	EA	5" x 13" Floor Drain With 4" Bottom Outlet, Bronze Top	1,802.23	161.95
		For Rough Bronze Body, Add	*120.94*	
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
22 13 19 13-0067	EA	5" x 16-3/4" Floor Drain With 2" Bottom Outlet, Bronze Top	1,843.25	132.55
		For Rough Bronze Body, Add	*120.94*	
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
22 13 19 13-0068	EA	5" x 16-5/8" Floor Drain With 3" Bottom Outlet, Bronze Top	1,871.83	146.86
		For Rough Bronze Body, Add	*120.94*	
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
22 13 19 13-0069	EA	5" x 16-3/4" Floor Drain With 4" Bottom Outlet, Bronze Top	1,901.90	161.95
		For Rough Bronze Body, Add	*120.94*	
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0070	EA	5" x 21" Floor Drain With 2" Bottom Outlet, Bronze Top	2,471.72	132.55
		For Rough Bronze Body, Add	*120.94*	
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
22 13 19 13-0071	EA	5" x 21" Floor Drain With 3" Bottom Outlet, Bronze Top	2,500.30	146.86
		For Rough Bronze Body, Add	*120.94*	
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	
22 13 19 13-0072	EA	5" x 21" Floor Drain With 4" Bottom Outlet, Bronze Top	2,530.37	161.95
		For Rough Bronze Body, Add	*120.94*	
		For Vandal Proof Screws, Add	*11.00*	
		For Sediment Bucket, Add	*22.50*	

22 13 19 13-0073 Funnel Type Floor Drains *(22 13 19 13)*

22 13 19 13-0074	EA	7" Diameter Floor Drain With 4" Round Funnel With 1-1/2" Outlet, Bronze Top	1,385.73	118.35
		For Vandal Proof Screws, Add	*11.00*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	
22 13 19 13-0075	EA	7" Diameter Floor Drain With 4" Round Funnel With 2" Outlet, Bronze Top	1,414.12	132.55
		For Vandal Proof Screws, Add	*11.00*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	
22 13 19 13-0076	EA	7" Diameter Floor Drain With 4" Round Funnel With 3" Outlet, Bronze Top	1,442.39	146.75
		For Vandal Proof Screws, Add	*11.00*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	
22 13 19 13-0077	EA	7" Diameter Floor Drain With 4" Round Funnel With 4" Outlet, Bronze Top	1,472.77	161.95
		For Vandal Proof Screws, Add	*11.00*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	
22 13 19 13-0078	EA	7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 2" Outlet, Nikaloy Top	2,037.05	132.55
		For Vandal Proof Screws, Add	*11.00*	
		For Primer Tap, Add	*15.10*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	
22 13 19 13-0079	EA	7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 3" Outlet, Nikaloy Top	2,065.32	146.75
		For Vandal Proof Screws, Add	*11.00*	
		For Primer Tap, Add	*15.10*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	
22 13 19 13-0080	EA	7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 4" Outlet, Nikaloy Top	2,095.70	161.95
		For Vandal Proof Screws, Add	*11.00*	
		For Primer Tap, Add	*15.10*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	
22 13 19 13-0081	EA	7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 2" Outlet, Bronze Top	1,929.08	132.55
		For Vandal Proof Screws, Add	*11.00*	
		For Primer Tap, Add	*15.10*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	
22 13 19 13-0082	EA	7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 3" Outlet, Bronze Top	1,957.35	146.75
		For Vandal Proof Screws, Add	*11.00*	
		For Primer Tap, Add	*15.10*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	
22 13 19 13-0083	EA	7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 4" Outlet, Bronze Top	1,987.73	161.95
		For Vandal Proof Screws, Add	*11.00*	
		For Primer Tap, Add	*15.10*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	

22 13 19 13-0084 Floor Drain With Sediment Bucket Bottom Outlet *(22 13 19 13)*

22 13 19 13-0085	EA	12-5/8" Round Floor Drain With Sediment Bucket, 2" Bottom Outlet, Satin Bronze Top, Without Trap	2,969.26	118.35
		For Vandal Proof Screws, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*247.00*	
		For Primer Tap, Add	*33.50*	
22 13 19 13-0086	EA	12-5/8" Round Floor Drain With Sediment Bucket, 3" Bottom Outlet, Satin Bronze Top, Without Trap	2,997.76	132.55
		For Vandal Proof Screws, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*247.00*	
		For Primer Tap, Add	*33.50*	
22 13 19 13-0087	EA	12-5/8" Round Floor Drain With Sediment Bucket, 4" Bottom Outlet, Satin Bronze Top, Without Trap	3,026.03	146.75
		For Vandal Proof Screws, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*247.00*	
		For Primer Tap, Add	*33.50*	
22 13 19 13-0088	EA	12-5/8" Round Floor Drain With Sediment Bucket, 5" Bottom Outlet, Satin Bronze Top, Without Trap	3,056.41	161.95
		For Vandal Proof Screws, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*247.00*	
		For Primer Tap, Add	*33.50*	
22 13 19 13-0089	EA	12-5/8" Round Floor Drain With Sediment Bucket, 6" Bottom Outlet, Satin Bronze Top, Without Trap	3,087.74	177.58
		For Vandal Proof Screws, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*247.00*	
		For Primer Tap, Add	*33.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0090	EA	12" x 12" Floor Drain With Sediment Bucket, 2" Bottom Outlet, Nikaloy Top, Heavy-Duty Loose-Set Cast Iron Grate	3,208.17	132.55
		For Vandal Proof Screws, Add	*29.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
		For Aluminum Bucket, Add	*77.50*	
		For Primer Tap, Add	*31.00*	
22 13 19 13-0091	EA	12" x 12" Floor Drain With Sediment Bucket, 3" Bottom Outlet, Nikaloy Top, Heavy-Duty Loose-Set Cast Iron Grate	3,236.75	146.86
		For Vandal Proof Screws, Add	*29.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
		For Aluminum Bucket, Add	*77.50*	
		For Primer Tap, Add	*31.00*	
22 13 19 13-0092	EA	12" x 12" Floor Drain With Sediment Bucket, 4" Bottom Outlet, Nikaloy Top, Heavy-Duty Loose-Set Cast Iron Grate	3,266.82	161.95
		For Vandal Proof Screws, Add	*29.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
		For Aluminum Bucket, Add	*77.50*	
		For Primer Tap, Add	*31.00*	
22 13 19 13-0093	EA	12" x 12" Floor Drain With Sediment Bucket, 6" Bottom Outlet, Nikaloy Top, Heavy-Duty Loose-Set Cast Iron Grate	3,298.15	177.58
		For Vandal Proof Screws, Add	*29.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
		For Aluminum Bucket, Add	*77.50*	
		For Primer Tap, Add	*31.00*	
22 13 19 13-0094	EA	12" x 12" Floor Drain With Sediment Bucket, 2" Bottom Outlet, Cast Iron Top, Heavy-Duty Loose-Set Cast Iron Grate	1,959.53	132.55
		For Vandal Proof Screws, Add	*29.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
		For Aluminum Bucket, Add	*77.50*	
		For Primer Tap, Add	*31.00*	
22 13 19 13-0095	EA	12" x 12" Floor Drain With Sediment Bucket, 3" Bottom Outlet, Cast Iron Top, Heavy-Duty Loose-Set Cast Iron Grate	1,988.11	146.86
		For Vandal Proof Screws, Add	*29.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
		For Aluminum Bucket, Add	*77.50*	
		For Primer Tap, Add	*31.00*	
22 13 19 13-0096	EA	12" x 12" Floor Drain With Sediment Bucket, 4" Bottom Outlet, Cast Iron Top, Heavy-Duty Loose-Set Cast Iron Grate	2,018.18	161.95
		For Vandal Proof Screws, Add	*29.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
		For Aluminum Bucket, Add	*77.50*	
		For Primer Tap, Add	*31.00*	
22 13 19 13-0097	EA	12" x 12" Floor Drain With Sediment Bucket, 6" Bottom Outlet, Cast Iron Top, Heavy-Duty Loose-Set Cast Iron Grate	2,049.51	177.58
		For Vandal Proof Screws, Add	*29.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
		For Aluminum Bucket, Add	*77.50*	
		For Primer Tap, Add	*31.00*	
22 13 19 13-0098	EA	12" x 12" Floor Drain With Sediment Bucket, 2" Bottom Outlet, Bronze Top, Heavy-Duty Loose-Set Cast Iron Grate	2,992.22	132.55
		For Vandal Proof Screws, Add	*29.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
		For Aluminum Bucket, Add	*77.50*	
		For Primer Tap, Add	*31.00*	
22 13 19 13-0099	EA	12" x 12" Floor Drain With Sediment Bucket, 3" Bottom Outlet, Bronze Top, Heavy-Duty Loose-Set Cast Iron Grate	3,020.80	146.86
		For Vandal Proof Screws, Add	*29.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
		For Aluminum Bucket, Add	*77.50*	
		For Primer Tap, Add	*31.00*	
22 13 19 13-0100	EA	12" x 12" Floor Drain With Sediment Bucket, 4" Bottom Outlet, Bronze Top, Heavy-Duty Loose-Set Cast Iron Grate	3,050.87	161.95
		For Vandal Proof Screws, Add	*29.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
		For Aluminum Bucket, Add	*77.50*	
		For Primer Tap, Add	*31.00*	
22 13 19 13-0101	EA	12" x 12" Floor Drain With Sediment Bucket, 6" Bottom Outlet, Bronze Top, Heavy-Duty Loose-Set Cast Iron Grate	3,082.20	177.58
		For Vandal Proof Screws, Add	*29.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
		For Aluminum Bucket, Add	*77.50*	
		For Primer Tap, Add	*31.00*	
22 13 19 13-0102		Other Drains *(22 13 19 13)*		
22 13 19 13-0103		Shower Drains *(22 13 19 13-0102)*		
22 13 19 13-0104	EA	4-1/4" Stainless Steel Shower Drain Strainer Note: Includes two 2-5/8" screws.	52.98	11.96
22 13 19 13-0105	EA	4-1/4" Brass Shower Drain Strainer Note: Includes two 2-5/8" screws.	59.11	11.96
22 13 19 13-0106	EA	4" Brass Shower Drain For Polyvinyl Chloride (PVC) Pipe Note: Fits over 2" polyvinyl chloride (PVC) pipe or inside 3" polyvinyl chloride (PVC) pipe.	121.55	23.91
22 13 19 13-0107	EA	4" Chrome Finish, Threaded Brass Shower Drain And Gasket Note: For 2" pipe. Kohler K-9132.	156.76	23.91

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0108		**Acid Resistant Floor Drains** *(22 13 19 13-0102)*		
22 13 19 13-0109	EA	9" Diameter Floor Drain With 2" Bottom Outlet, Acid Resistant Top	1,396.69	118.35
		For Vandal Proof Screws, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Primer Tap, Add	*33.50*	
22 13 19 13-0110	EA	9" Diameter Floor Drain With 3" Bottom Outlet, Acid Resistant Top	1,425.19	132.55
		For Vandal Proof Screws, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Primer Tap, Add	*33.50*	
22 13 19 13-0111	EA	9" Diameter Floor Drain With 4" Bottom Outlet, Acid Resistant Top	1,453.46	146.75
		For Vandal Proof Screws, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Primer Tap, Add	*33.50*	
22 13 19 13-0112		**Rotary And Lever Drains** *(22 13 19 13-0102)*		
22 13 19 13-0113	EA	1-1/2" Drain, 3" Sink Opening Lever Drain	274.92	79.82
22 13 19 13-0114	EA	2" Drain, 3" Sink Opening Lever Drain	291.44	88.07
22 13 19 13-0115	EA	1-1/2" Drain, 3-1/2" Sink Opening Lever Drain	274.92	79.82
22 13 19 13-0116	EA	2" Drain, 3-1/2" Sink Opening Lever Drain	291.44	88.07
22 13 19 13-0117	EA	1-1/2" Drain, 3" Sink Opening Twist Drain	274.92	79.82
22 13 19 13-0118	EA	2" Drain, 3" Sink Opening Twist Drain	291.44	88.07
22 13 19 13-0119	EA	1-1/2" Drain, 3-1/2" Sink Opening Twist Drain	274.92	79.82
22 13 19 13-0120	EA	2" Drain, 3-1/2" Sink Opening Twist Drain	291.44	88.07
22 13 19 13-0121	EA	1-1/2" To 2" Drain, 3-1/2" Sink Opening Rotary Twist Drain (Fisher 16100)	380.39	88.07
22 13 19 13-0122		**Floor Receptor** *(22 13 19 13)*		
22 13 19 13-0123		**9" Diameter Round Shallow Receptor** *(22 13 19 13-0122)*		
		Note: With slotted medium duty grate, aluminum secondary strainer and white acid resisting coated interior and top.		
22 13 19 13-0124	EA	9" Diameter x 3" Shallow Cast Iron Floor Receptor, 2" Drain Connection	1,716.08	132.66
		For Flange With Seepage Holes And Clamp Collar, Add	*97.00*	
		For Full Grate With 2" (50 mm) Square Center Opening, Add	*36.00*	
		For Flange With Seepage Holes, Add	*58.50*	
		For White Acid Resistant Bucket, Add	*47.00*	
		For Trap Primer Connection, Add	*38.00*	
		For Vandal Proof Secured Grate, Add	*33.50*	
		For Stainless Steel Liner For Bucket, Add	*62.50*	
22 13 19 13-0125	EA	9" Diameter x 3" Shallow Cast Iron Floor Receptor, 3" Drain Connection	1,744.79	146.97
		For Flange With Seepage Holes And Clamp Collar, Add	*97.00*	
		For Full Grate With 2" (50 mm) Square Center Opening, Add	*36.00*	
		For Flange With Seepage Holes, Add	*58.50*	
		For White Acid Resistant Bucket, Add	*47.00*	
		For Trap Primer Connection, Add	*38.00*	
		For Vandal Proof Secured Grate, Add	*33.50*	
		For Stainless Steel Liner For Bucket, Add	*62.50*	
22 13 19 13-0126	EA	9" Diameter x 3" Shallow Cast Iron Floor Receptor, 4" Drain Connection	1,774.55	161.95
		For Flange With Seepage Holes And Clamp Collar, Add	*97.00*	
		For Full Grate With 2" (50 mm) Square Center Opening, Add	*36.00*	
		For Flange With Seepage Holes, Add	*58.50*	
		For White Acid Resistant Bucket, Add	*47.00*	
		For Trap Primer Connection, Add	*38.00*	
		For Vandal Proof Secured Grate, Add	*33.50*	
		For Stainless Steel Liner For Bucket, Add	*62.50*	
22 13 19 13-0127		**Square Top Floor Receptors** *(22 13 19 13-0122)*		
		Note: With acid resistant coating.		
22 13 19 13-0128	EA	8" x 8" Floor Drain With 1-1/2" Bottom Outlet, Acid Resistant Top	2,030.81	118.35
		For Flange With Seepage Holes And Clamp Collar, Add	*69.00*	
		For Trap Primer Connection, Add	*39.50*	
		For Full Grate With 2" Square Center Opening, Add	*36.00*	
		For Vandal Proof Secured Grate, Add	*15.50*	
		For Stainless Steel Liner For Bucket, Add	*97.00*	
		For White Acid Resistant Bucket, Add	*88.00*	
		For Flange With Seepage Holes, Add	*37.50*	
22 13 19 13-0129	EA	8" x 8" Floor Drain With 2" Bottom Outlet, Acid Resistant Top	2,059.33	132.66
		For Flange With Seepage Holes And Clamp Collar, Add	*69.00*	
		For Trap Primer Connection, Add	*39.50*	
		For Full Grate With 2" Square Center Opening, Add	*36.00*	
		For Vandal Proof Secured Grate, Add	*15.50*	
		For Stainless Steel Liner For Bucket, Add	*97.00*	
		For White Acid Resistant Bucket, Add	*88.00*	
		For Flange With Seepage Holes, Add	*37.50*	
22 13 19 13-0130	EA	8" x 8" Floor Drain With 3" Bottom Outlet, Acid Resistant Top	2,087.47	146.75
		For Flange With Seepage Holes And Clamp Collar, Add	*69.00*	
		For Trap Primer Connection, Add	*39.50*	
		For Full Grate With 2" Square Center Opening, Add	*36.00*	
		For Vandal Proof Secured Grate, Add	*15.50*	
		For Stainless Steel Liner For Bucket, Add	*97.00*	
		For White Acid Resistant Bucket, Add	*88.00*	
		For Flange With Seepage Holes, Add	*37.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0131	EA	8" x 8" Floor Drain With 4" Bottom Outlet, Acid Resistant Top	2,117.85	161.95
		For Flange With Seepage Holes And Clamp Collar, Add	*69.00*	
		For Trap Primer Connection, Add	*39.50*	
		For Full Grate With 2" Square Center Opening, Add	*36.00*	
		For Vandal Proof Secured Grate, Add	*15.50*	
		For Stainless Steel Liner For Bucket, Add	*97.00*	
		For White Acid Resistant Bucket, Add	*88.00*	
		For Flange With Seepage Holes, Add	*37.50*	

22 13 19 13-0132 Floor Drain Accessories *(22 13 19 13)*

22 13 19 13-0133	EA	3" Trap Guard Floor Drain Insert (ProVent TG3H) Note: Prevents emission of sewer gases.	114.51	13.76
22 13 19 13-0134	EA	2" Trap Guard Drain Insert For Cast Iron Or Polyvinyl Chloride (PVC) Pipe (ProVent TG22) Note: Prevents emission of sewer gases.	92.76	13.76
22 13 19 13-0135	EA	3" Trap Guard Drain Insert For Cast Iron Or Polyvinyl Chloride (PVC) Pipe (ProVent TG33) Note: Prevents emission of sewer gases.	101.46	13.76
22 13 19 13-0136	EA	3" Trap Guard Drain Insert For 4" Cast Iron Or Polyvinyl Chloride (PVC) Pipe (ProVent TG34IP) Note: Prevents emission of sewer gases.	123.20	13.76
22 13 19 13-0137	EA	3" Trap Guard Drain Insert For 4" Hub (ProVent TG34TP) Note: Prevents emission of sewer gases.	110.16	13.76
22 13 19 13-0138	EA	2" Quad Close Trap Seal, For Drain Body Or Strainer Throat (JRSmith 2692-02) Note: Prevents emission of sewer gases.	158.23	13.76
22 13 19 13-0139	EA	3" Quad Close Trap Seal, For Drain Body Or Strainer Throat (JRSmith 2692-03) Note: Prevents emission of sewer gases.	175.73	13.76
22 13 19 13-0140	EA	4" Quad Close Trap Seal, For Drain Body Or Strainer Throat (JRSmith 2692-04) Note: Prevents emission of sewer gases.	219.15	13.76

22 13 19 26 Grease Removal Devices *(22 13 19)*

22 13 19 26-0001 Manual Cleaning Epoxy Coated Steel Grease Interceptor *(22 13 19 26)*

Note: Includes internal air relief, visible double wall trap, removable baffle, gasketed non-skid cover bearing PDI seal of approval and flow control fitting.

22 13 19 26-0002 Standard Manual Cleaning Epoxy Coated Steel Grease Interceptor *(22 13 19 26-0001)*

Note: Josam 60100H/60210A, Smith 8100/8400, Wade 5100, or Zurn Z1173/Z1170 series.

22 13 19 26-0003	EA	7 GPM, 14 Lb. Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60102H.	1,340.31	82.57
		For Steel Enclosure Cabinet With Non-Skid Cover, Add	*1,323.54*	
22 13 19 26-0004	EA	10 GPM, 20 Lb. Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60103H.	1,563.92	185.78
		For Flange And Clamp Device, Add	*384.02*	
		For Steel Enclosure Cabinet With Non-Skid Cover, Add	*1,399.22*	
22 13 19 26-0005	EA	15 GPM, 30 Lb. Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60104H.	2,224.01	206.42
		For Flange And Clamp Device, Add	*397.78*	
		For Steel Enclosure Cabinet With Non-Skid Cover, Add	*1,528.34*	
22 13 19 26-0006	EA	20 GPM, 40 Lb. Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60105H.	2,688.01	227.06
		For Flange And Clamp Device, Add	*411.54*	
		For Steel Enclosure Cabinet With Non-Skid Cover, Add	*1,652.02*	
22 13 19 26-0007	EA	25 GPM, 50 Lb. Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60106H.	3,010.03	247.71
		For Flange And Clamp Device, Add	*455.70*	
		For Steel Enclosure Cabinet With Non-Skid Cover, Add	*1,720.98*	
22 13 19 26-0008	EA	35 GPM, 70 Lb. Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60107H.	3,697.64	288.99
		For Flange And Clamp Device, Add	*494.42*	
		For Steel Enclosure Cabinet With Non-Skid Cover, Add	*1,894.75*	
22 13 19 26-0009	EA	50 GPM, 100 Lb. Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60108H.	4,826.99	330.27
		For Flange And Clamp Device, Add	*562.90*	
		For Steel Enclosure Cabinet With Non-Skid Cover, Add	*2,021.47*	
22 13 19 26-0010	EA	75 GPM, 150 Lb. Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60109H.	9,510.58	371.55
		For Flange And Clamp Device, Add	*791.71*	
22 13 19 26-0011	EA	100 GPM, 200 Lb. Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60110H.	10,762.58	465.39
		For Flange And Clamp Device, Add	*918.26*	
22 13 19 26-0012	EA	150 GPM, 300 Lb. Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60213A.	13,267.74	744.62
		For Flange And Clamp Device, Add	*1,264.42*	
22 13 19 26-0013	EA	200 GPM, 400 Lb. Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60214A.	19,048.25	930.78
		For Flange And Clamp Device, Add	*1,517.80*	
22 13 19 26-0014	EA	250 GPM, 500 Lb. Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60215A.	22,218.13	1,116.93
		For Flange And Clamp Device, Add	*1,954.87*	
22 13 19 26-0015	EA	350 GPM, 700 Lb. Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60216A,.	28,879.12	1,303.09
		For Flange And Clamp Device, Add	*2,316.73*	
22 13 19 26-0016	EA	500 GPM, 1,000 Lb. Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60217A.	37,375.45	1,489.25
		For Flange And Clamp Device, Add	*2,714.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 26-0017		**Low Profile Manual Cleaning Epoxy Coated Steel Grease Interceptor** *(22 13 19 26-0001)*		
		Note: Josam 60110A, Smith 8100, Wade 5100LR, or Zurn Z1171 series.		
22 13 19 26-0018	EA	20 GPM, 40 Lb. Capacity Low Profile Manual Cleaning Epoxy Coated Steel Grease Interceptor	3,878.02	227.06
		Note: Josam 60115A.		
22 13 19 26-0019	EA	35 GPM, 70 Lb. Capacity Low Profile Manual Cleaning Epoxy Coated Steel Grease Interceptor	4,989.07	288.99
		Note: Josam 60117A.		
22 13 19 26-0020	EA	50 GPM, 100 Lb. Capacity Low Profile Manual Cleaning Epoxy Coated Steel Grease Interceptor	8,240.73	330.27
		Note: Smith 8150.		
22 13 19 26-0021		**Semi-Automatic Cleaning Epoxy Coated Steel Grease Interceptor** *(22 13 19 26)*		
		Note: Includes internal air relief, visible double wall trap, removable baffle, gasketed non-skid cover bearing PDI seal of approval, grease recovery cone, flexible hose, grease draw off valve and flow control fitting.		
22 13 19 26-0022		**Standard Semi-Automatic Cleaning Epoxy Coated Steel Grease Interceptor** *(22 13 19 26-0021)*		
		Note: Josam 60100-SA, Smith 8300GTX, Wade 5100JCX, or Zurn Z1173-TD series.		
22 13 19 26-0023	EA	7 GPM, 14 Lb. Capacity Semi-Automatic Epoxy Coated Steel Grease Interceptor	3,410.80	82.57
		Note: Josam 60102-SA.		
		For Steel Enclosure Cabinet With Non-Skid Cover, Add	*1,323.54*	
22 13 19 26-0024	EA	10 GPM, 20 Lb. Capacity Semi-Automatic Epoxy Coated Steel Grease Interceptor	4,011.54	185.78
		Note: Josam 60103-SA.		
		For Steel Enclosure Cabinet With Non-Skid Cover, Add	*1,399.22*	
22 13 19 26-0025	EA	15 GPM, 30 Lb. Capacity Semi-Automatic Epoxy Coated Steel Grease Interceptor	4,285.48	206.42
		Note: Josam 60104-SA.		
		For Steel Enclosure Cabinet With Non-Skid Cover, Add	*1,528.34*	
22 13 19 26-0026	EA	20 GPM, 40 Lb. Capacity Semi-Automatic Epoxy Coated Steel Grease Interceptor	5,231.79	227.06
		Note: Josam 60105-SA.		
		For Steel Enclosure Cabinet With Non-Skid Cover, Add	*1,652.02*	
22 13 19 26-0027	EA	25 GPM, 50 Lb. Capacity Semi-Automatic Epoxy Coated Steel Grease Interceptor	6,308.83	247.71
		Note: Josam 60106-SA.		
		For Steel Enclosure Cabinet With Non-Skid Cover, Add	*1,720.98*	
22 13 19 26-0028	EA	35 GPM, 70 Lb. Capacity Semi-Automatic Epoxy Coated Steel Grease Interceptor	6,520.89	288.99
		Note: Josam 60107-SA.		
		For Steel Enclosure Cabinet With Non-Skid Cover, Add	*1,894.75*	
22 13 19 26-0029	EA	50 GPM, 100 Lb. Capacity Semi-Automatic Epoxy Coated Steel Grease Interceptor	7,443.64	330.27
		Note: Josam 60108-SA.		
		For Steel Enclosure Cabinet With Non-Skid Cover, Add	*2,021.47*	
22 13 19 26-0030		**Low Profile Semi-Automatic Cleaning Epoxy Coated Steel Grease Interceptor** *(22 13 19 26-0021)*		
		Note: Josam 60115A-SA, Smith 8100GTX, or Zurn Z1171-TD series.		
22 13 19 26-0031	EA	35 GPM, 70 Lb. Capacity Low Profile Semi-Automatic Epoxy Coated Steel Grease Interceptor	8,768.68	288.99
		Note: Josam 60115A-SA.		
22 13 19 26-0032		**Automatic Cleaning Stainless Steel Grease Interceptor** *(22 13 19 26)*		
22 13 19 26-0033	EA	20 GPM, 69 Lb. Capacity Automatic Cleaning Stainless Steel Grease Interceptor	7,459.36	227.06
		Note: Includes stainless steel screen basket, plastic grease container with lid and control box with digital timer (Lowe Engineering 20 Greasestopper).		
22 13 19 26-0034	EA	25 GPM, 91 Lb. Capacity Automatic Cleaning Stainless Steel Grease Interceptor	8,679.08	247.71
		Note: Includes stainless steel screen basket, plastic grease container with lid and control box with digital timer (Lowe Engineering 25 Greasestopper).		
22 13 19 26-0035	EA	35 GPM, 70 Lb. Capacity, 110 Volt, Automatic Cleaning Stainless Steel Grease Trap/Removal Device (Guardian GGX35)	7,431.66	288.99
22 13 19 26-0036		**Precast Concrete Grease Interceptor** *(22 13 19 26)*		
		Note: Includes two access manholes, cast iron non-skid surface, lift hole, frame and cover for heavy-traffic.		
22 13 19 26-0037	EA	1,000 Gallon Pre-Cast Grease Interceptor	5,718.58	427.27
22 13 19 26-0038	EA	1,250 Gallon Pre-Cast Grease Interceptor	6,541.65	427.27
22 13 19 26-0039	EA	1,500 Gallon Pre-Cast Grease Interceptor	7,424.71	488.48
22 13 19 26-0040	EA	2,000 Gallon Pre-Cast Grease Interceptor	8,451.67	689.85
22 13 19 26-0041	EA	2,500 Gallon Pre-Cast Grease Interceptor	9,518.92	928.15
22 13 19 26-0042	EA	4,000 Gallon Pre-Cast Grease Interceptor	14,274.09	1,221.13
22 13 19 26-0043	EA	5,000 Gallon Pre-Cast Grease Interceptor	18,333.87	2,002.47
22 13 19 26-0044		**Coated Steel Manual Oil Interceptor** *(22 13 19 26)*		
		Note: Includes internal air relief, and flow control fitting.		
22 13 19 26-0045	EA	10 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	6,227.68	314.43
22 13 19 26-0046	EA	15 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	8,428.75	373.62
22 13 19 26-0047	EA	20 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	10,201.74	459.70
22 13 19 26-0048	EA	25 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	11,079.23	497.95
22 13 19 26-0049	EA	35 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	13,344.37	543.38
22 13 19 26-0050	EA	50 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	17,683.60	597.78
22 13 19 26-0051	EA	75 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	29,932.16	688.07
22 13 19 26-0052	EA	100 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	32,652.24	846.60
22 13 19 26-0053	EA	150 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	40,184.67	917.61
22 13 19 26-0054	EA	200 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	56,384.14	1,100.90

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 26-0055	EA	250 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	65,110.74	1,183.48
22 13 19 26-0056	EA	350 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	82,103.45	1,411.37
22 13 19 26-0057	EA	400 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	99,567.34	1,156.50
22 13 19 26-0058	EA	500 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	117,943.65	1,376.14

22 13 19 33 Backwater Valves *(22 13 19)*

22 13 19 33-0001 Cast Iron Body Terminal Backwater Valves *(22 13 19 33)*

22 13 19 33-0002	EA	2" Cast Iron Body Terminal Backwater Valve	768.45	31.59
22 13 19 33-0003	EA	3" Cast Iron Body Terminal Backwater Valve	780.56	39.74
22 13 19 33-0004	EA	4" Cast Iron Body Terminal Backwater Valve	1,130.43	52.84
22 13 19 33-0005	EA	6" Cast Iron Body Terminal Backwater Valve	3,117.41	75.62
22 13 19 33-0006	EA	8" Cast Iron Body Terminal Backwater Valve	3,805.34	99.52
22 13 19 33-0007	EA	10" Cast Iron Body Terminal Backwater Valve	11,172.88	122.77
22 13 19 33-0008	EA	12" Cast Iron Body Terminal Backwater Valve	12,637.21	159.24

22 13 19 33-0009 Cast Iron Backwater Sewer Line Valve *(22 13 19 33)*

Note: Offset type with bronze swing check assembly, threaded bronze cover, and bell and spigot connections.

22 13 19 33-0010	EA	2" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly	1,879.29	75.32
22 13 19 33-0011	EA	3" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly	2,893.71	91.38
22 13 19 33-0012	EA	4" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly	3,572.89	117.80
22 13 19 33-0013	EA	6" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly	5,067.87	137.38
22 13 19 33-0014	EA	8" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly	7,060.75	162.80

22 13 19 33-0015 Cast Iron, Straight Through Shear Gate, Swing Check Backwater Valve *(22 13 19 33)*

Note: Offset type with bronze, manually operated shear gate, non-rising stem, and bell and spigot connections.

22 13 19 33-0016	EA	3" Cast Iron Body, Straight Through Shear Gate, Swing Check Backwater Valve	5,259.76	119.23
22 13 19 33-0017	EA	4" Cast Iron Body, Straight Through Shear Gate, Swing Check Backwater Valve	5,318.76	158.53
22 13 19 33-0018	EA	5" Cast Iron Body, Straight Through Shear Gate, Swing Check Backwater Valve	7,787.28	203.47
22 13 19 33-0019	EA	6" Cast Iron Body, Straight Through Shear Gate, Swing Check Backwater Valve	7,822.65	226.84

22 13 19 33-0020 Polyvinyl Chloride (PVC) Backwater Sewer Line Valve *(22 13 19 33)*

Note: Oatey.

22 13 19 33-0021	EA	3" Polyvinyl Chloride (PVC) Backwater Sewer Valve (Oatey 43900)	144.62	39.74
22 13 19 33-0022	EA	4" Polyvinyl Chloride (PVC) Backwater Sewer Valve (Oatey 43904)	173.03	52.84
22 13 19 33-0023	EA	6" Polyvinyl Chloride (PVC) Backwater Sewer Valve (Oatey 43908)	513.19	75.62

22 13 19 33-0024 Polyvinyl Chloride (PVC) Extendable Backwater Valves *(22 13 19 33)*

22 13 19 33-0025	EA	3" Polyvinyl Chloride (PVC) Extendable Backwater Sewer Valve (Rectorseal Clean Check) Note: Includes valve body, flapper assembly and collar.	341.50	79.48
22 13 19 33-0026	EA	4" Polyvinyl Chloride (PVC) Extendable Backwater Sewer Valve (Rectorseal Clean Check) Note: Includes valve body, flapper assembly and collar.	454.75	105.69
22 13 19 33-0027	EA	6" Polyvinyl Chloride (PVC) Extendable Backwater Sewer Valve (Rectorseal Clean Check) Note: Includes valve body, flapper assembly and collar.	793.95	151.22

22 13 19 36 Air-Admittance Valves *(22 13 19)*

22 13 19 36-0001 Acrylonitrile Butadiene Styrene (ABS) And Polyvinyl Chloride (PVC) Automatic Drain Vent *(22 13 19 36)*

22 13 19 36-0002	EA	1-1/4", 1-1/2" And 2" Acrylonitrile Butadiene Styrene (ABS) Or Polyvinyl Chloride (PVC) Automatic Drain Vent, Mini Vent	169.14	15.41
22 13 19 36-0003	EA	2", 3" And 4" Acrylonitrile Butadiene Styrene (ABS) Or Polyvinyl Chloride (PVC) Automatic Drain Vent, Maxi Vent	200.96	15.41

22 13 23 Sanitary Waste Interceptors *(22 13)*

22 13 23 00-0001 Sediment Bucket Solids Interceptors *(22 13 23)*

22 13 23 00-0002	EA	1-1/2" Or 2" Top Access, 15 GPM, Composite With Removable PVC Sediment Bucket Solids Interceptor (Zurn 1180) Note: Replaces P-Trap. Recovers all types of solids from precious metal particles, plaster, clay or similar materials.	1,320.86	155.89
22 13 23 00-0003	EA	1-1/2" Or 2" Bottom Access, 15 GPM, Composite With Removable PVC Sediment Bucket Solids Interceptor (Zurn 1184) Note: Replaces P-Trap. Recovers all types of solids from precious metal particles, plaster, clay or similar materials.	1,322.52	155.89
22 13 23 00-0004	EA	1-1/2" Or 2" Top Access, Acid Resistant Coated Steel (Inside And Outside), Aluminum Cover, Removable Stainless Steel Sediment Bucket Solids Interceptor (Jay R. Smith 8714 ARIO) Note: On floor mount. Replaces P-Trap. Recovers all types of solids from precious metal particles, plaster, clay or similar materials.	1,861.39	155.89
22 13 23 00-0005	EA	1-1/2" Or 2" Bottom Access, 15 GPM, Acid Resistant Coated Cast Iron, Aluminum Strainer, Removable Stainless Steel Screens, Sediment Bucket Solids Interceptor (Jay R. Smith 8730-ARIO) Note: Replaces P-Trap. Recovers all types of solids from precious metal particles, plaster, clay or similar materials.	1,861.39	155.89

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 23 00-0006	EA	1-1/2" Or 2" Top Access, Acid Resistant Coated Cast Aluminum (Inside And Outside) Removable Stainless Steel Screen, Sediment Bucket Solids Interceptor (Josam 61030) Note: Replaces P-Trap. Recovers all types of solids from precious metal particles, plaster, clay or similar materials.	1,983.38	155.89
22 13 23 00-0007		**Solid Interceptors, Cast Iron With Internal Deep Seal Trap** *(22 13 23)*		
22 13 23 00-0008	EA	1-1/2" Inlet Cast Iron Solid Interceptor, Painted Enamel	329.19	53.32
		For Stainless Steel Bucket, Add	*175.00*	
22 13 23 00-0009	EA	2" Inlet Cast Iron Solid Interceptor, Painted Enamel	336.01	56.79
		For Stainless Steel Bucket, Add	*175.00*	
22 13 23 00-0010		**Sediment Strainers** *(22 13 23)*		
22 13 23 00-0011	EA	2" Strainer, Pump Suction Side	193.68	72.67

22 13 29 Sanitary Sewerage Pumps *(22 13)*

Note: Includes extra set of gaskets, bearings and seals.

22 13 29 13 Wet-Pit-Mounted, Vertical Sewerage Pumps *(22 13 29)*

22 13 29 13-0001 Vertical Column, Flanged Discharge, Non-Clog Sump Or Drainage Pumps (Crane-Deming Series 4500) *(22 13 29 13)*

Note: Mounted on steel support plate. Excludes float and float switch, and sump cover See CSI section 22 13 29 13-0030 for float and float switch, 22 13 29 13-0034 for sump cover.

22 13 29 13-0002 1-1/2" Solids 1,750 RPM Vertical Sump Or Drainage Pumps *(22 13 29 13-0001)*

22 13 29 13-0003	EA	1/2 HP, Up To 75 GPM Sump Or Drainage Pump, Vertical Non-Clog, 2-1/2" Discharge Pipe, 1,750 RPM	7,801.09	1,320.65
22 13 29 13-0004	EA	3/4 HP, Up To 125 GPM Sump Or Drainage Pump, Vertical Non-Clog, 2-1/2" Discharge Pipe, 1,750 RPM	8,118.24	1,320.65
22 13 29 13-0005	EA	1 HP, Up To 150 GPM Sump Or Drainage Pump, Vertical Non-Clog, 2-1/2" Discharge Pipe, 1,750 RPM	8,435.39	1,320.65
22 13 29 13-0006	EA	1-1/2 HP, Up To 150 GPM Sump Or Drainage Pump, Vertical Non-Clog, 2-1/2" Discharge Pipe, 1,750 RPM	8,737.90	1,320.65

22 13 29 13-0007 2" Solids 1,750 RPM Vertical Sump Or Drainage Pumps *(22 13 29 13-0001)*

22 13 29 13-0008	EA	3/4 HP, Up To 75 GPM Sump Or Drainage Pump, Vertical Non-Clog, 3" Discharge Pipe, 1,750 RPM	8,679.35	1,320.65
22 13 29 13-0009	EA	1 HP, Up To 100 GPM Sump Or Drainage Pump, Vertical Non-Clog, 3" Discharge Pipe, 1,750 RPM	8,801.33	1,320.65
22 13 29 13-0010	EA	2 HP, Up To 200 GPM Sump Or Drainage Pump, Vertical Non-Clog, 3" Discharge Pipe, 1,750 RPM	8,886.72	1,320.65
22 13 29 13-0011	EA	3 HP, Up To 300 GPM Sump Or Drainage Pump, Vertical Non-Clog, 3" Discharge Pipe, 1,750 RPM	9,472.22	1,320.65
22 13 29 13-0012	EA	5 HP, Up To 400 GPM Sump Or Drainage Pump, Vertical Non-Clog, 3" Discharge Pipe, 1,750 RPM	10,045.53	1,320.65
22 13 29 13-0013	EA	7-1/2 HP, Up To 500 GPM Sump Or Drainage Pump, Vertical Non-Clog, 3" Discharge Pipe, 1,750 RPM	10,923.78	1,320.65
22 13 29 13-0014	EA	10 HP, Up To 600 GPM Sump Or Drainage Pump, Vertical Non-Clog, 3" Discharge Pipe, 1,750 RPM	11,802.04	1,320.65
22 13 29 13-0015	EA	15 HP, Up To 600 GPM Sump Or Drainage Pump, Vertical Non-Clog, 3" Discharge Pipe, 1,750 RPM	13,553.98	1,757.49

22 13 29 13-0016 3" Solids 1,750 RPM Vertical Sump Or Drainage Pumps *(22 13 29 13-0001)*

22 13 29 13-0017	EA	2 HP, Up To 300 GPM Sump Or Drainage Pump, Vertical Non-Clog, 4" Discharge Pipe, 1,750 RPM	9,290.55	1,320.65
22 13 29 13-0018	EA	3 HP, Up To 400 GPM Sump Or Drainage Pump, Vertical Non-Clog, 4" Discharge Pipe, 1,750 RPM	9,290.55	1,320.65
22 13 29 13-0019	EA	5 HP, Up To 500 GPM Sump Or Drainage Pump, Vertical Non-Clog, 4" Discharge Pipe, 1,750 RPM	9,501.88	1,320.65
22 13 29 13-0020	EA	7-1/2 HP, Up To 700 GPM Sump Or Drainage Pump, Vertical Non-Clog, 4" Discharge Pipe, 1,750 RPM	11,141.68	1,320.65
22 13 29 13-0021	EA	10 HP, Up To 800 GPM Sump Or Drainage Pump, Vertical Non-Clog, 4" Discharge Pipe, 1,750 RPM	11,429.33	1,320.65
22 13 29 13-0022	EA	15 HP, Up To 900 GPM Sump Or Drainage Pump, Vertical Non-Clog, 4" Discharge Pipe, 1,750 RPM	13,655.17	1,757.49
22 13 29 13-0023	EA	20 HP, Up To 900 GPM Sump Or Drainage Pump, Vertical Non-Clog, 4" Discharge Pipe, 1,750 RPM	14,387.05	1,757.49

22 13 29 13-0024 Extra Column Assemblies Addition, 5' Or Less *(22 13 29 13-0001)*

22 13 29 13-0025	EA	2-1/2" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps	544.22	
22 13 29 13-0026	EA	3" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps	653.44	
22 13 29 13-0027	EA	4" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps	730.37	
22 13 29 13-0028	EA	5" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps	743.67	
22 13 29 13-0029	EA	6" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps	834.84	

22 13 29 13-0030 Float Switches *(22 13 29 13-0001)*

Note: Copper coated floats, brass rods and stops and switch brackets.

22 13 29 13-0031	EA	Float Switch Copper Coated Float, Add, General Purpose For vertical sewage pumps	489.13	
22 13 29 13-0032	EA	Float Switch Copper Coated Float, Add, Weather Proof For vertical sewage pumps	513.82	
22 13 29 13-0033	EA	Float Switch Copper Coated Float, Add, Explosion Proof For vertical sewage pumps	525.22	

22 13 29 13-0034 Square Or Round Steel Sump Covers *(22 13 29 13-0001)*

22 13 29 13-0035	EA	24" Steel Sump Covers, Square Or Round	849.67	44.03
22 13 29 13-0036	EA	30" Steel Sump Covers, Square Or Round	940.60	49.54
22 13 29 13-0037	EA	36" Steel Sump Covers, Square Or Round	1,305.62	66.06
22 13 29 13-0038	EA	40" Steel Sump Covers, Square Or Round	1,897.66	77.07
22 13 29 13-0039	EA	42" Steel Sump Covers, Square Or Round	2,034.88	79.82
22 13 29 13-0040	EA	48" Steel Sump Covers, Square Or Round	2,176.27	82.57
22 13 29 13-0041	EA	54" Steel Sump Covers, Square Or Round	2,773.21	99.08
22 13 29 13-0042	EA	60" Steel Sump Covers, Square Or Round	3,760.51	110.09
22 13 29 13-0043	EA	72" Steel Sump Covers, Square Or Round	4,768.86	137.62
22 13 29 13-0044	EA	84" Steel Sump Covers, Square Or Round	6,065.79	151.37

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 29 16			**Submersible Sewerage Pumps** *(22 13 29)*		
22 13 29 16-0001			Submersible Sewage Pumps With Vortex Impeller *(22 13 29 16)*		
22 13 29 16-0002			Submersible Single Seal Sewage Pumps With Cast Iron Vortex Impeller *(22 13 29 16-0001)*		
			Note: Includes 25' cord.		
	22 13 29 16-0003	EA	1/2 HP Manual Submersible Single Seal Sewage Pump, 115 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	1,580.79	80.10
	22 13 29 16-0004	EA	1/2 HP Automatic Submersible Single Seal Sewage Pump, 115 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	1,686.60	80.10
	22 13 29 16-0005	EA	1/2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	1,654.04	80.10
	22 13 29 16-0006	EA	1/2 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	1,810.05	80.10
	22 13 29 16-0007	EA	1/2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	1,810.05	80.10
	22 13 29 16-0008	EA	1 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	1,910.53	100.12
	22 13 29 16-0009	EA	1 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	2,048.90	100.12
	22 13 29 16-0010	EA	1 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	2,066.54	100.12
22 13 29 16-0011			Submersible Single Seal Sewage Pumps With Bronze Vortex Impeller *(22 13 29 16-0001)*		
			Note: Includes 20' cord.		
	22 13 29 16-0012	EA	1/2 HP Manual Submersible Single Seal Sewage Pump, 115 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,610.63	80.10
	22 13 29 16-0013	EA	1/2 HP Automatic Submersible Single Seal Sewage Pump, 115 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,762.57	80.10
	22 13 29 16-0014	EA	1/2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,690.67	80.10
	22 13 29 16-0015	EA	1/2 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,837.18	80.10
	22 13 29 16-0016	EA	1/2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,968.77	80.10
	22 13 29 16-0017	EA	1 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,826.42	100.12
	22 13 29 16-0018	EA	1 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,983.79	100.12
	22 13 29 16-0019	EA	1 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,982.43	100.12
	22 13 29 16-0020	EA	1-1/2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	2,259.44	161.40
	22 13 29 16-0021	EA	1-1/2 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	2,392.38	161.40
	22 13 29 16-0022	EA	1-1/2 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	2,415.44	161.40
	22 13 29 16-0023	EA	2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	2,410.20	197.27
	22 13 29 16-0024	EA	2 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	2,562.14	197.27
	22 13 29 16-0025	EA	2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	2,566.21	197.27
22 13 29 16-0026			Submersible Double Seal Sewage Pumps With Bronze Vortex Impeller *(22 13 29 16-0001)*		
			Note: Includes 20' cord.		
	22 13 29 16-0027	EA	1/2 HP Manual Submersible Double Seal Sewage Pump, 115 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,914.51	80.10
	22 13 29 16-0028	EA	1/2 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	2,172.27	80.10
	22 13 29 16-0029	EA	1 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron And Bronze Impeller	2,115.38	100.12
	22 13 29 16-0030	EA	1 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron And Bronze Impeller	2,271.39	100.12
	22 13 29 16-0031	EA	1-1/2 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	2,570.10	161.40
	22 13 29 16-0032	EA	1-1/2 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	2,726.11	161.40
	22 13 29 16-0033	EA	2 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	2,722.22	197.27
	22 13 29 16-0034	EA	2 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	2,878.22	197.27
22 13 29 16-0035			Submersible Sewage Pumps With Semi-Open Impeller *(22 13 29 16)*		
			Note: Includes 25' of cord with pump.		
	22 13 29 16-0036	EA	1 HP Manual Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	4,853.33	100.12

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 29 16-0037	EA	1.5 HP Manual Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	5,182.12	170.12
22 13 29 16-0038	EA	2 HP Manual Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	5,542.61	207.93
22 13 29 16-0039	EA	3 HP Manual Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	5,789.69	252.03
22 13 29 16-0040	EA	5 HP Manual Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	6,494.26	296.14
22 13 29 16-0041	EA	7.5 HP Manual Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Ironl Housing And Semi-Open Impeller	7,252.33	340.25

22 13 29 16-0042 Submersible Sewage Pumps, Explosion Proof *(22 13 29 16)*

Note: Includes 25' of cord with pump.

22 13 29 16-0043	EA	1 HP Explosion Proof Manual Sewage Pump, 230 Volt, 1 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	7,633.94	358.81
22 13 29 16-0044	EA	1 HP Explosion Proof Manual Sewage Pump, 230 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	7,037.28	358.81
22 13 29 16-0045	EA	1 HP Explosion Proof Manual Sewage Pump, 460 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	7,037.28	358.81
22 13 29 16-0046	EA	1.5 HP Explosion Proof Manual Sewage Pump, 230 Volt, 1 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	7,987.51	478.40
22 13 29 16-0047	EA	1.5 HP Explosion Proof Manual Sewage Pump, 230 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	7,390.85	478.40
22 13 29 16-0048	EA	1.5 HP Explosion Proof Manual Sewage Pump, 460 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	7,390.85	478.40
22 13 29 16-0049	EA	2 HP Explosion Proof Manual Sewage Pump, 230 Volt, 1 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	8,464.13	598.01
22 13 29 16-0050	EA	2 HP Explosion Proof Manual Sewage Pump, 230 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	7,867.47	598.01
22 13 29 16-0051	EA	2 HP Explosion Proof Manual Sewage Pump, 460 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	7,867.47	598.01
22 13 29 16-0052	EA	3 HP Explosion Proof Manual Sewage Pump, 230 Volt, 1 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	8,825.15	717.61
22 13 29 16-0053	EA	3 HP Explosion Proof Manual Sewage Pump, 230 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	8,228.49	717.61
22 13 29 16-0054	EA	3 HP Explosion Proof Manual Sewage Pump, 460 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	8,228.49	717.61
22 13 29 16-0055	EA	5 HP Explosion Proof Manual Sewage Pump, 230 Volt, 1 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	9,741.82	837.21
22 13 29 16-0056	EA	5 HP Explosion Proof Manual Sewage Pump, 230 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	9,145.16	837.21
22 13 29 16-0057	EA	5 HP Explosion Proof Manual Sewage Pump, 460 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	9,145.16	837.21
22 13 29 16-0058	EA	7.5 HP Explosion Proof Manual Sewage Pump, 230 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	10,075.51	956.82
22 13 29 16-0059	EA	7.5 HP Explosion Proof Manual Sewage Pump, 460 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	10,075.51	956.82

22 13 29 16-0060 Submersible Sewage Pump Accessories *(22 13 29 16)*

22 13 29 16-0061	EA	Simplex Plug In Pump Control Panel with Alarm Float Only, 115 Volt, 1 Phase, 0-15 Amperes Range, Indoor/Outdoor, NEMA 4X Enclosure For Submersible Sewage Pump Note: Includes alarm horn, warning light and alarm float switch.	779.59	96.22
22 13 29 16-0062	EA	Simplex Plug In Pump Control Panel with Alarm Float Only, 230 Volt, 1 Phase, 0-15 Amperes Range, Indoor/Outdoor, NEMA 4X Enclosure For Submersible Sewage Pump Note: Includes alarm horn, warning light, and alarm float switch.	805.51	96.22
22 13 29 16-0063	EA	Simplex Control Panel With 3 Floats, 115/208/230 Volt, 1 Phase, 0-20 Amperes Range, Indoor/Outdoor, NEMA 4X Enclosure For Submersible Sewage Pump Note: Includes alarm horn, warning light, HOA switch and three 20' control float switches.	1,594.21	128.30
22 13 29 16-0064	EA	Simplex Control Panel 208/230/460 Volt, 3 Phase, 1-23 Amperes Range, Indoor/Outdoor, NEMA 4X Enclosure For Submersible Sewage Pump Note: Includes alarm horn and warning light. Control float switches not included.	2,257.84	128.30
22 13 29 16-0065	EA	Simplex Intrinsically Safe Control Panel, 230 Volt, 1 Phase, Indoor/Outdoor 4X Enclosure For Submersible Sewage Pumps With Explosion Proof Motors Note: Includes alarm horn and warning light. Control float switches not included.	4,818.18	128.30
22 13 29 16-0066	EA	Simplex Intrinsically Safe Control Panel, 200/230/460 Volt, 3 Phase, Indoor/Outdoor 4X Enclosure For Submersible Sewage Pumps With Explosion Proof Motors Note: Includes alarm horn and warning light. Control float switches not included.	5,041.10	128.30
22 13 29 16-0067	EA	Duplex Intrinsically Safe Control Panel, 230 Volt, 1 Phase, Indoor/Outdoor 4X Enclosure For Submersible Sewage Pumps With Explosion Proof Motors Note: Includes alarm horn and warning light. Control float switches not included.	8,058.15	160.36
22 13 29 16-0068	EA	Duplex Intrinsically Safe Control Panel, 200/230/460 Volt, 3 Phase, Indoor/Outdoor 4X Enclosure For Submersible Sewage Pumps With Explosion Proof Motors Note: Includes alarm horn and warning light. Control float switches not included.	6,789.99	160.36
22 13 29 16-0069	EA	Electrical Alternator Duplex Control Panel with 3 Floats, 115 Volt, 1 Phase, 7-20 Amperes Range, Indoor NEMA 1 Enclosure For Submersible Sewage Pumps Note: Includes alarm horn, warning light, and three 20' float switches.	1,765.94	160.36
22 13 29 16-0070	EA	Electrical Alternator Duplex Control Panel With 3 Floats, 115 Volt, 1 Phase, 7-20 Amperes Range, Indoor NEMA 4X Enclosure For Submersible Sewage Pumps Note: Includes alarm horn, warning light, and three 20' float switches.	1,947.39	160.36
22 13 29 16-0071	EA	Electrical Alternator Duplex Control Panel With 3 Floats, 115/200/230 Volt, 1 Phase, 0-20 Amperes, Indoor NEMA 1 Enclosure For Submersible Sewage Pumps Note: Includes alarm horn, warning light, and three 20' float switches.	1,868.33	160.36

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 29 16-0072	EA	Electrical Alternator Duplex Control Panel With 3 Floats, 115/200/230 Volt, 1 Phase, 0-30 Amperes Range, Indoor NEMA 4X Enclosure For Submersible Sewage Pumps	2,031.86	160.36
		Note: Includes alarm horn, warning light, and three 20' float switches.		
22 13 29 16-0073	EA	Electrical Alternator Duplex Control Panel, 200/230/460 Volt, 3 Phase, 1-25 Amperes Range, Indoor/Outdoor NEMA 4X Enclosure For Submersible Sewage Pumps	3,492.53	160.36
		Note: Includes alarm horn and warning light. Float switches not included.		
22 13 29 16-0074	EA	Alarm System, 115 Volt, Indoor/Outdoor 4X Enclosure	648.06	64.14
		Note: Includes alarm horn, warning light and 15' tethered float.		
22 13 29 16-0075	EA	Variable Level (Clamp Type) Float Switch With 15' Cord	121.17	32.08
		Note: Not for use with Intrinsically Safe Control Systems.		
22 13 29 16-0076	EA	Variable Level (Clamp Type) Float Switch With 15' Cord For Intrinsically Safe Control Systems Only	139.12	32.08
22 13 29 16-0077	EA	Variable Level (Adjustable Weight Type) Float Switch With 25' Cord	156.01	32.08
		Note: Not for use with Intrinsically Safe Control Systems.		
22 13 29 16-0078	EA	Variable Level (Adjustable Weight Type) Float Switch With 25' Cord For Intrinsically Safe Control Systems Only	156.13	32.08
22 13 29 16-0079	EA	Float Switch Tree With (3) 15' Floats	472.71	32.08
		Note: Not for use with Intrinsically Safe Control Systems.		
22 13 29 16-0080	EA	Float Switch Tree And (3) Floats With 15' Cords For Intrinsically Safe Control Systems Only	497.83	32.08
22 13 29 16-0081	EA	Float Switch Tree And (4) Floats With 15' Cords	526.65	32.08
		Note: Not for use with Intrinsically Safe Control Systems.		
22 13 29 16-0082	EA	Float Switch Tree And (4) Floats With 15' Cords For Intrinsically Safe Control Systems Only	567.01	32.08
22 13 29 16-0083	EA	Float Switch Tree	250.43	32.08
		Note: Tree only.		
22 13 29 16-0084	EA	Adjustable Weight For Float Switch	66.25	16.03
22 13 29 16-0085	EA	Rail And Disconnect System, Stainless Steel, For 2" Horizontal Discharge	1,330.18	96.22
		Note: Lifting equipment not included.		
22 13 29 16-0086	EA	Rail And Disconnect System, Stainless Steel, For 3" Horizontal Discharge	2,087.77	128.30
		Note: Lifting equipment not included.		
22 13 29 16-0087	EA	Rail And Disconnect System, Stainless Steel, For 4" Horizontal Discharge	2,727.69	160.36
		Note: Lifting equipment not included.		
22 13 29 16-0088	EA	Rail And Disconnect System, Stainless Steel Non-Spearking, For 3" Horizontal Discharge	2,757.48	96.22
22 13 29 16-0089	EA	Rail And Disconnect System, Stainless Steel Non-Spearking, For 4" Horizontal Discharge	3,896.68	96.22
22 13 29 16-0090	EA	Intermediate Guide Rail Bracket, Stainless Steel, For 2" Rail System	379.11	64.14
22 13 29 16-0091	EA	Intermediate Guide Rail Bracket, Stainless Steel, For 3" Rail Systems	671.42	80.19
22 13 29 16-0092	EA	Intermediate Guide Rail Bracket, Stainless Steel, For 4" Rail Systems	671.14	96.22
22 13 29 16-0093	EA	12' Stainless Steel Lifting Cable	186.85	32.08
22 13 29 16-0094	EA	Disconnect Fitting For 2" Horizontal Discharge	372.94	32.08
		Note: Used for shallow systems where guide rails are not necessary.		

22 13 29 33 Sewerage Pump Basins and Pits *(22 13 29)*

22 13 29 33-0001 Sewage Sump Pump Basin *(22 13 29 33)*

22 13 29 33-0002 High-Density Polyethylene (HDPE) Basin *(22 13 29 33-0001)*

22 13 29 33-0003	EA	18" Diameter x 24" High, High-Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub	160.68	
22 13 29 33-0004	EA	18" Diameter x 30" High, High-Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub	209.29	
22 13 29 33-0005	EA	24" Diameter x 30" High, High-Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub	486.35	
22 13 29 33-0006	EA	24" Diameter x 36" High, High-Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub	685.83	
22 13 29 33-0007	EA	30" Diameter x 36" High, High-Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub	885.31	
22 13 29 33-0008	EA	36" Diameter x 36" High, High-Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub	1,030.90	

22 13 29 33-0009 Fiberglass Basin *(22 13 29 33-0001)*

22 13 29 33-0010	EA	18" Diameter x 30" High Fiberglass Basin And Lid With Inlet And Hub	397.24	
22 13 29 33-0011	EA	24" Diameter x 30" High Fiberglass Basin And Lid With Inlet And Hub	812.60	
22 13 29 33-0012	EA	30" Diameter x 36" High Fiberglass Basin And Lid With Inlet And Hub	1,462.79	
22 13 29 33-0013	EA	36" Diameter x 36" High Fiberglass Basin And Lid With Inlet And Hub	1,970.84	
22 13 29 33-0014	EA	36" Diameter x 48" High Fiberglass Basin And Lid With Inlet And Hub	2,271.54	
22 13 29 33-0015	EA	36" Diameter x 60" High Fiberglass Basin And Lid With Inlet And Hub	2,399.02	
22 13 29 33-0016	EA	36" Diameter x 72" High Fiberglass Basin And Lid With Inlet And Hub	2,819.26	
22 13 29 33-0017	EA	48" Diameter x 48" High Fiberglass Basin And Lid With Inlet And Hub	3,274.28	

22 14 Facility Storm Drainage *(22 10)*

22 14 13 Facility Storm Drainage Piping *(22 14)*

See CSI section 22 13 16 00-0000 for storm drainage piping.

22 14 26 Facility Storm Drains *(22 14)*

22 14 26 13 Roof Drains *(22 14 26)*

22 14 26 13-0001 Cast Iron Roof Drains *(22 14 26 13)*

22 14 26 13-0002 Cast Iron Roof Drains With Large Polypropylene Dome *(22 14 26 13-0001)*

Note: Dome free area is 124 square inches.

22 14 26 13-0003	EA	15" Diameter Cast Iron Roof Drain With 2" Outlet, 124 Square Inch Free Area Polypropylene Dome	1,005.85	183.52
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
		For Bronze Dome, Add	*448.80*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Galvanized Iron Parts, Add	*518.00*	
		For Drain Receiver, Add	*147.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 13-0004	EA	15" Diameter Cast Iron Roof Drain With 3" Outlet, 124 Square Inch Free Area Polypropylene Dome	1,097.59	220.18
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
		For Bronze Dome, Add	*448.80*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Galvanized Iron Parts, Add	*518.00*	
		For Drain Receiver, Add	*147.00*	
22 14 26 13-0005	EA	15" Diameter Cast Iron Roof Drain With 4" Outlet, 124 Square Inch Free Area Polypropylene Dome	1,189.33	275.23
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
		For Bronze Dome, Add	*448.80*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Galvanized Iron Parts, Add	*518.00*	
		For Drain Receiver, Add	*147.00*	
22 14 26 13-0006	EA	15" Diameter Cast Iron Roof Drain With 5" Outlet, 124 Square Inch Free Area Polypropylene Dome	1,601.38	330.27
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
		For Bronze Dome, Add	*448.80*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Galvanized Iron Parts, Add	*518.00*	
		For Drain Receiver, Add	*147.00*	
22 14 26 13-0007	EA	15" Diameter Cast Iron Roof Drain With 6" Outlet, 124 Square Inch Free Area Polypropylene Dome	1,647.25	366.93
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
		For Bronze Dome, Add	*448.80*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Galvanized Iron Parts, Add	*518.00*	
		For Drain Receiver, Add	*147.00*	
22 14 26 13-0008	EA	15" Diameter Cast Iron Roof Drain With 8" Outlet, 124 Square Inch Free Area Polypropylene Dome	1,956.26	385.32
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
		For Bronze Dome, Add	*448.80*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Galvanized Iron Parts, Add	*518.00*	
		For Drain Receiver, Add	*147.00*	
22 14 26 13-0009	EA	15" Diameter Cast Iron Roof Drain With 10" Outlet, 124 Square Inch Free Area Polypropylene Dome	2,668.74	399.08
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
		For Bronze Dome, Add	*448.80*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Galvanized Iron Parts, Add	*518.00*	
		For Drain Receiver, Add	*147.00*	

22 14 26 13-0010 Cast Iron Roof Drains With Expansion Joint *(22 14 26 13-0001)*

Note: With polypropylene dome. Dome free area is 124 square inches.

22 14 26 13-0011	EA	15" Diameter Cast Iron Roof Drain With Expansion Joint, 2" Outlet, Polypropylene Dome	1,575.05	183.52
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
		For Galvanized Iron Parts, Add	*518.00*	
22 14 26 13-0012	EA	15" Diameter Cast Iron Roof Drain With Expansion Joint, 3" Outlet, Polypropylene Dome	1,706.55	220.18
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
		For Galvanized Iron Parts, Add	*518.00*	
22 14 26 13-0013	EA	15" Diameter Cast Iron Roof Drain With Expansion Joint, 4" Outlet, Polypropylene Dome	1,875.72	275.23
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
		For Galvanized Iron Parts, Add	*518.00*	
22 14 26 13-0014	EA	15" Diameter Cast Iron Roof Drain With Expansion Joint, 5" Outlet, Polypropylene Dome	2,599.57	330.27
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
		For Galvanized Iron Parts, Add	*518.00*	
22 14 26 13-0015	EA	15" Diameter Cast Iron Roof Drain With Expansion Joint, 6" Outlet, Polypropylene Dome	2,789.83	366.93
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
		For Galvanized Iron Parts, Add	*518.00*	

22 14 26 13-0016 Cast Iron Roof Drains With Flat Bronze Promenade Top *(22 14 26 13-0001)*

22 14 26 13-0017	EA	14" x 14" Cast Iron Roof Drain With 2" Outlet, Bronze Promenade Top	2,191.39	183.52
		For Galvanized Iron Parts, Add	*197.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0018	EA	14" x 14" Cast Iron Roof Drain With 3" Outlet, Bronze Promenade Top	2,283.13	220.18
		For Galvanized Iron Parts, Add	*197.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0019	EA	14" x 14" Cast Iron Roof Drain With 4" Outlet, Bronze Promenade Top	2,374.87	275.23
		For Galvanized Iron Parts, Add	*197.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 13-0020	EA	14" x 14" Cast Iron Roof Drain With 5" Outlet, Bronze Promenade Top	2,769.36	330.27
		For Galvanized Iron Parts, Add	*197.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0021	EA	14" x 14" Cast Iron Roof Drain With 6" Outlet, Bronze Promenade Top	2,815.23	366.93
		For Galvanized Iron Parts, Add	*197.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	

22 14 26 13-0022 Cast Iron Scupper Drain With L-Shaped Bronze Grate *(22 14 26 13-0001)*

22 14 26 13-0023	EA	Cast Iron Scupper Drain With 2" Outlet, L-Shaped Bronze Grate	1,424.54	73.43
		For Vandal Proof Grate, Add	*33.00*	
		For Galvanized Cast Iron Parts, Add	*128.00*	
22 14 26 13-0024	EA	Cast Iron Scupper Drain With 3" Outlet, L-Shaped Bronze Grate	1,461.23	91.71
		For Vandal Proof Grate, Add	*33.00*	
		For Galvanized Cast Iron Parts, Add	*128.00*	
22 14 26 13-0025	EA	Cast Iron Scupper Drain With 4" Outlet, L-Shaped Bronze Grate	1,477.92	100.07
		For Vandal Proof Grate, Add	*33.00*	
		For Galvanized Cast Iron Parts, Add	*128.00*	
22 14 26 13-0026	EA	Cast Iron Scupper Drain With 5" Outlet, L-Shaped Bronze Grate	2,080.92	132.66
		For Galvanized Iron Parts, Add	*258.00*	
		For Vandal Proof Grate, Add	*33.00*	
22 14 26 13-0027	EA	Cast Iron Scupper Drain With 6" Outlet, L-Shaped Bronze Grate	2,139.44	161.95
		For Galvanized Iron Parts, Add	*258.00*	
		For Vandal Proof Grate, Add	*33.00*	

22 14 26 13-0028 Cast Iron Roof Drain With Flat Cast Iron Grate *(22 14 26 13-0001)*

22 14 26 13-0029	EA	9" x 9" Cast Iron Roof Drain With 2" Outlet, Cast Iron Promenade Top	1,106.84	183.52
		For Galvanized Iron Parts, Add	*144.00*	
		For Deck Clamp Assembly, Add	*80.40*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*93.60*	
22 14 26 13-0030	EA	9" x 9" Cast Iron Roof Drain With 3" Outlet, Cast Iron Promenade Top	1,198.58	220.18
		For Galvanized Iron Parts, Add	*144.00*	
		For Deck Clamp Assembly, Add	*80.40*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*93.60*	
22 14 26 13-0031	EA	9" x 9" Cast Iron Roof Drain With 4" Outlet, Cast Iron Promenade Top	1,290.32	275.23
		For Galvanized Iron Parts, Add	*144.00*	
		For Deck Clamp Assembly, Add	*80.40*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*93.60*	

22 14 26 13-0032 Cast Iron Roof Drains With Large Cast Iron Dome *(22 14 26 13-0001)*

22 14 26 13-0033	EA	15" Diameter Cast Iron Roof Drain With 2" Outlet, Cast Iron Dome	1,194.65	183.52
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0034	EA	15" Diameter Cast Iron Roof Drain With 3" Outlet, Cast Iron Dome	1,286.39	220.18
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0035	EA	15" Diameter Cast Iron Roof Drain With 4" Outlet, Cast Iron Dome	1,378.13	275.23
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0036	EA	15" Diameter Cast Iron Roof Drain With 5" Outlet, Cast Iron Dome	1,790.19	330.27
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0037	EA	15" Diameter Cast Iron Roof Drain With 6" Outlet, Cast Iron Dome	1,836.06	366.93
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0038	EA	15" Diameter Cast Iron Roof Drain With 8" Outlet, Cast Iron Dome	2,145.07	385.32
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0039	EA	15" Diameter Cast Iron Roof Drain With 10" Outlet, Cast Iron Dome	2,857.55	399.08
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	

22 14 26 13-0040 Aluminum Roof Drains *(22 14 26 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 13-0041		Aluminum Dome Roof Drains *(22 14 26 13-0040)*		
22 14 26 13-0042	EA	15" Diameter Roof Drain With 2" Outlet, Aluminum Dome	1,227.59	183.52
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0043	EA	15" Diameter Roof Drain With 3" Outlet, Aluminum Dome	1,319.33	220.18
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0044	EA	15" Diameter Roof Drain With 4" Outlet, Aluminum Dome	1,411.07	275.23
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0045	EA	15" Diameter Roof Drain With 6" Outlet, Aluminum Dome	1,868.99	366.60
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0046	EA	15" Diameter Roof Drain With 8" Outlet, Aluminum Dome	2,178.23	385.32
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0047	EA	15" Diameter Roof Drain With 10" Outlet, Aluminum Dome	2,890.48	399.08
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0048		Retrofit Roof Drains *(22 14 26 13)*		
22 14 26 13-0049		Retrofit Copolymer Roof Drains With Copolymer Strainer Dome *(22 14 26 13-0048)*		
22 14 26 13-0050	EA	Copolymer Retrofit 3" Roof Drains, With Copolymer Dome	861.67	220.18
22 14 26 13-0051	EA	Copolymer Retrofit 4" Roof Drains, With Copolymer Dome	968.91	275.23
22 14 26 13-0052	EA	Copolymer Retrofit 5" Roof Drains, With Copolymer Dome	1,168.52	330.27
22 14 26 13-0053	EA	Copolymer Retrofit 6" Roof Drains, With Copolymer Dome	1,276.39	366.60
22 14 26 13-0054		Retrofit Copolymer Roof Drains With Cast Aluminum Strainer Dome *(22 14 26 13-0048)*		
22 14 26 13-0055	EA	Copolymer Retrofit Drain, 3", With Cast Aluminum Dome	1,001.16	220.18
22 14 26 13-0056	EA	Copolymer Retrofit Drain, 4", With Cast Aluminum Dome	1,102.20	275.23
22 14 26 13-0057	EA	Copolymer Retrofit Drain, 5", With Cast Aluminum Dome	1,311.11	330.27
22 14 26 13-0058	EA	Copolymer Retrofit Drain, 6", With Cast Aluminum Dome	1,375.58	366.60
22 14 26 13-0059		Retrofit Roof Aluminum Drains With Cast Aluminum Strainer Dome *(22 14 26 13-0048)*		
22 14 26 13-0060	EA	Aluminum Retrofit 3" Roof Drains, With Cast Aluminum Dome	867.87	220.18
		For Copolymer Strainer Dome, Deduct	*-24.00*	
22 14 26 13-0061	EA	Aluminum Retrofit 4" Roof Drains, With Cast Aluminum Dome	975.11	275.23
		For Copolymer Strainer Dome, Deduct	*-24.00*	
22 14 26 13-0062	EA	Aluminum Retrofit 5" Roof Drains, With Cast Aluminum Dome	1,174.72	330.27
		For Copolymer Strainer Dome, Deduct	*-24.00*	
22 14 26 13-0063	EA	Aluminum Retrofit 6" Roof Drains, With Cast Aluminum Dome	1,232.99	366.60
		For Copolymer Strainer Dome, Deduct	*-24.00*	
22 14 26 13-0064		Bronze Downspout Nozzles *(22 14 26 13)*		
22 14 26 13-0065	EA	2" Outlet, Bronze Roof Drain Downspout Nozzle	523.40	110.09
22 14 26 13-0066	EA	3" Outlet, Bronze Roof Drain Downspout Nozzle	523.40	110.09
22 14 26 13-0067	EA	4" Outlet, Bronze Roof Drain Downspout Nozzle	523.40	110.09
22 14 26 13-0068	EA	5" Outlet, Bronze Roof Drain Downspout Nozzle	821.16	137.62
22 14 26 13-0069	EA	6" Outlet, Bronze Roof Drain Downspout Nozzle	821.16	137.62
22 14 26 13-0070	EA	8" Outlet, Bronze Roof Drain Downspout Nozzle	1,075.33	137.62
22 14 26 16		**Facility Area Drains** *(22 14 26)*		
22 14 26 16-0001		Area Drain *(22 14 26 16)*		
22 14 26 16-0002	EA	12" x 12" Floor Drain With 2" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	3,208.17	132.55
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Galvanized Cast Iron Parts, Add	*152.25*	
		For Primer Tap, Add	*36.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 16-0003	EA	12" x 12" Floor Drain With 3" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	3,236.75	146.86
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Galvanized Cast Iron Parts, Add	*152.25*	
		For Primer Tap, Add	*36.00*	
22 14 26 16-0004	EA	12" x 12" Floor Drain With 4" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	3,266.82	161.95
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Galvanized Cast Iron Parts, Add	*152.25*	
		For Primer Tap, Add	*36.00*	
22 14 26 16-0005	EA	12" x 12" Floor Drain With 6" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	3,298.15	177.58
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Galvanized Cast Iron Parts, Add	*152.25*	
		For Primer Tap, Add	*36.00*	
22 14 26 16-0006	EA	12" x 12" Floor Drain With 2" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	1,959.53	132.55
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Galvanized Cast Iron Parts, Add	*152.25*	
		For Primer Tap, Add	*36.00*	
22 14 26 16-0007	EA	12" x 12" Floor Drain With 3" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	1,988.11	146.86
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Galvanized Cast Iron Parts, Add	*152.25*	
		For Primer Tap, Add	*36.00*	
22 14 26 16-0008	EA	12" x 12" Floor Drain With 4" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	2,018.18	161.95
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Galvanized Cast Iron Parts, Add	*152.25*	
		For Primer Tap, Add	*36.00*	
22 14 26 16-0009	EA	12" x 12" Floor Drain With 6" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	2,049.51	177.58
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Galvanized Cast Iron Parts, Add	*152.25*	
		For Primer Tap, Add	*36.00*	
22 14 26 16-0010	EA	12" x 12" Floor Drain With 2" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	2,992.22	132.55
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Galvanized Cast Iron Parts, Add	*152.25*	
		For Primer Tap, Add	*36.00*	
22 14 26 16-0011	EA	12" x 12" Floor Drain With 3" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	3,020.80	146.86
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Galvanized Cast Iron Parts, Add	*152.25*	
		For Primer Tap, Add	*36.00*	
22 14 26 16-0012	EA	12" x 12" Floor Drain With 4" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	3,050.87	161.95
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Galvanized Cast Iron Parts, Add	*152.25*	
		For Primer Tap, Add	*36.00*	
22 14 26 16-0013	EA	12" x 12" Floor Drain With 6" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	3,082.20	177.58
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Galvanized Cast Iron Parts, Add	*152.25*	
		For Primer Tap, Add	*36.00*	
22 14 26 16-0014	EA	16" x 16" Floor Drain With 2" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	6,508.34	132.55
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0015	EA	16" x 16" Floor Drain With 3" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	6,536.92	146.86
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0016	EA	16" x 16" Floor Drain With 4" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	6,566.99	161.95
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0017	EA	16" x 16" Floor Drain With 6" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	6,598.32	177.58
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 16-0018	EA	16" x 16" Floor Drain With 2" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	3,158.34	132.55
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0019	EA	16" x 16" Floor Drain With 3" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	3,186.92	146.86
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0020	EA	16" x 16" Floor Drain With 4" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	3,216.99	161.95
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0021	EA	16" x 16" Floor Drain With 6" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	3,248.32	177.58
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0022	EA	16" x 16" Floor Drain With 2" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	6,167.81	132.55
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0023	EA	16" x 16" Floor Drain With 3" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	6,196.39	146.86
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0024	EA	16" x 16" Floor Drain With 4" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	6,226.46	161.95
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0025	EA	16" x 16" Floor Drain With 6" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	6,257.79	177.58
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0026	EA	9" Diameter Floor Drain With 2" Bottom Outlet, Nikaloy Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	1,408.58	132.55
		For Vandal Proof Grate, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
22 14 26 16-0027	EA	9" Diameter Floor Drain With 3" Bottom Outlet, Nikaloy Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	1,437.16	146.86
		For Vandal Proof Grate, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
22 14 26 16-0028	EA	9" Diameter Floor Drain With 4" Bottom Outlet, Nikaloy Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	1,467.23	161.95
		For Vandal Proof Grate, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
22 14 26 16-0029	EA	9" Diameter Floor Drain With 2" Bottom Outlet, Cast Iron Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	838.25	132.55
		For Vandal Proof Grate, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
22 14 26 16-0030	EA	9" Diameter Floor Drain With 3" Bottom Outlet, Cast Iron Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	866.83	146.86
		For Vandal Proof Grate, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
22 14 26 16-0031	EA	9" Diameter Floor Drain With 4" Bottom Outlet, Cast Iron Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	896.90	161.95
		For Vandal Proof Grate, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
22 14 26 16-0032	EA	9" Diameter Floor Drain With 2" Bottom Outlet, Bronze Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	1,325.52	132.55
		For Vandal Proof Grate, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
22 14 26 16-0033	EA	9" Diameter Floor Drain With 3" Bottom Outlet, Bronze Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	1,354.10	146.86
		For Vandal Proof Grate, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
22 14 26 16-0034	EA	9" Diameter Floor Drain With 4" Bottom Outlet, Bronze Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	1,384.17	161.95
		For Vandal Proof Grate, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
22 14 26 16-0035	EA	12-7/8" x 10-7/8" Floor Drain With 2" Side Outlet, Nikaloy Top, Heavy-Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	4,323.92	132.55
		For Ductile Iron Grate, Add	*126.00*	
		For Vandal Proof Screws, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*307.50*	
22 14 26 16-0036	EA	12-7/8" x 10-7/8" Floor Drain With 3" Side Outlet, Nikaloy Top, Heavy-Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	4,352.50	146.86
		For Ductile Iron Grate, Add	*126.00*	
		For Vandal Proof Screws, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*307.50*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 16-0037		EA	12-7/8" x 10-7/8" Floor Drain With 4" Side Outlet, Nikaloy Top, Heavy-Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	4,382.57	161.95
			For Ductile Iron Grate, Add	*126.00*	
			For Vandal Proof Screws, Add	*30.50*	
			For Galvanized Cast Iron Parts, Add	*307.50*	
22 14 26 16-0038		EA	12-7/8" x 10-7/8" Floor Drain With 2" Side Outlet, Cast Iron Top, Heavy-Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	2,798.42	132.55
			For Ductile Iron Grate, Add	*126.00*	
			For Vandal Proof Screws, Add	*30.50*	
			For Galvanized Cast Iron Parts, Add	*307.50*	
22 14 26 16-0039		EA	12-7/8" x 10-7/8" Floor Drain With 3" Side Outlet, Cast Iron Top, Heavy-Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	2,827.00	146.86
			For Ductile Iron Grate, Add	*126.00*	
			For Vandal Proof Screws, Add	*30.50*	
			For Galvanized Cast Iron Parts, Add	*307.50*	
22 14 26 16-0040		EA	12-7/8" x 10-7/8" Floor Drain With 4" Side Outlet, Cast Iron Top, Heavy-Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	2,857.07	161.95
			For Ductile Iron Grate, Add	*126.00*	
			For Vandal Proof Screws, Add	*30.50*	
			For Galvanized Cast Iron Parts, Add	*307.50*	
22 14 26 16-0041		EA	12-7/8" x 10-7/8" Floor Drain With 2" Side Outlet, Bronze Top, Heavy-Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	4,058.13	132.55
			For Ductile Iron Grate, Add	*126.00*	
			For Vandal Proof Screws, Add	*30.50*	
			For Galvanized Cast Iron Parts, Add	*307.50*	
22 14 26 16-0042		EA	12-7/8" x 10-7/8" Floor Drain With 3" Side Outlet, Bronze Top, Heavy-Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	4,086.71	146.86
			For Ductile Iron Grate, Add	*126.00*	
			For Vandal Proof Screws, Add	*30.50*	
			For Galvanized Cast Iron Parts, Add	*307.50*	
22 14 26 16-0043		EA	12-7/8" x 10-7/8" Floor Drain With 4" Side Outlet, Bronze Top, Heavy-Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	4,116.78	161.95
			For Ductile Iron Grate, Add	*126.00*	
			For Vandal Proof Screws, Add	*30.50*	
			For Galvanized Cast Iron Parts, Add	*307.50*	

22 14 26 19 Facility Trench Drains *(22 14 26)*

22 14 26 19-0001 Trench Drain *(22 14 26 19)*

Note: Each section is 39.4" in length.

22 14 26 19-0002		EA	6" Wide Trench Drain x 9" Outlet Section With 2" Bottom Outlet, Nikaloy Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	1,154.83	132.55
			For Vandal Proof Screws, Add	*48.50*	
			For Ductile Iron Grate, Add	*66.00*	
			For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0003		EA	6" Wide Trench Drain x 9" Outlet Section With 3" Bottom Outlet, Nikaloy Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	1,183.41	146.86
			For Vandal Proof Screws, Add	*48.50*	
			For Ductile Iron Grate, Add	*66.00*	
			For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0004		EA	6" Wide Trench Drain x 9" Outlet Section With 4" Bottom Outlet, Nikaloy Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	1,213.48	161.95
			For Vandal Proof Screws, Add	*48.50*	
			For Ductile Iron Grate, Add	*66.00*	
			For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0005		EA	6" Wide Trench Drain x 9" Outlet Section With 2" Bottom Outlet, Cast Iron Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	695.35	132.55
			For Vandal Proof Screws, Add	*48.50*	
			For Ductile Iron Grate, Add	*66.00*	
			For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0006		EA	6" Wide Trench Drain x 9" Outlet Section With 3" Bottom Outlet, Cast Iron Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	723.93	146.86
			For Vandal Proof Screws, Add	*48.50*	
			For Ductile Iron Grate, Add	*66.00*	
			For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0007		EA	6" Wide Trench Drain x 9" Outlet Section With 4" Bottom Outlet, Cast Iron Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	754.00	161.95
			For Vandal Proof Screws, Add	*48.50*	
			For Ductile Iron Grate, Add	*66.00*	
			For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0008		EA	6" Wide Trench Drain x 9" Outlet Section With 2" Bottom Outlet, Bronze Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	1,092.22	132.55
			For Vandal Proof Screws, Add	*48.50*	
			For Ductile Iron Grate, Add	*66.00*	
			For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0009		EA	6" Wide Trench Drain x 9" Outlet Section With 3" Bottom Outlet, Bronze Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	1,120.80	146.86
			For Vandal Proof Screws, Add	*48.50*	
			For Ductile Iron Grate, Add	*66.00*	
			For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0010		EA	6" Wide Trench Drain x 9" Outlet Section With 4" Bottom Outlet, Bronze Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	1,150.87	161.95
			For Vandal Proof Screws, Add	*48.50*	
			For Ductile Iron Grate, Add	*66.00*	
			For Galvanized Cast Iron Parts, Add	*98.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 19-0011	EA	6" Wide Trench Drain x 15" Extension Section, Nikaloy Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	1,021.71	66.06
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0012	EA	6" Wide Trench Drain x 15" Extension Section, Cast Iron Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	562.23	66.06
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0013	EA	6" Wide Trench Drain x 15" Extension Section, Bronze Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	959.10	66.06
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0014	EA	12" Wide Trench Drain x 15" Outlet Section With 3" Bottom Outlet, Nikaloy Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	1,842.54	132.55
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0015	EA	12" Wide Trench Drain x 15" Outlet Section With 4" Bottom Outlet, Nikaloy Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	1,871.12	146.86
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0016	EA	12" Wide Trench Drain x 15" Outlet Section With 6" Bottom Outlet, Nikaloy Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	1,901.19	161.95
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0017	EA	12" Wide Trench Drain x 15" Outlet Section With 3" Bottom Outlet, Cast Iron Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	1,273.99	132.55
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0018	EA	12" Wide Trench Drain x 15" Outlet Section With 4" Bottom Outlet, Cast Iron Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	1,302.57	146.86
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0019	EA	12" Wide Trench Drain x 15" Outlet Section With 6" Bottom Outlet, Cast Iron Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	1,332.64	161.95
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0020	EA	12" Wide Trench Drain x 15" Outlet Section With 3" Bottom Outlet, Bronze Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	1,764.78	132.55
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0021	EA	12" Wide Trench Drain x 15" Outlet Section With 4" Bottom Outlet, Bronze Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	1,793.36	146.86
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0022	EA	12" Wide Trench Drain x 15" Outlet Section With 6" Bottom Outlet, Bronze Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	1,823.43	161.95
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 19-0023	EA	12" Wide Trench Drain x 15" Outlet Section With 3" Bottom Outlet, Galvanized Top And Body, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	1,539.58	132.55
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0024	EA	12" Wide Trench Drain x 15" Outlet Section With 4" Bottom Outlet, Galvanized Top And Body, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	1,568.16	146.86
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0025	EA	12" Wide Trench Drain x 15" Outlet Section With 6" Bottom Outlet, Galvanized Top And Body, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	1,598.23	161.95
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0026	EA	12" Wide Trench Drain x 15" Extension Section, Nikaloy Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	1,709.40	66.06
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
22 14 26 19-0027	EA	12" Wide Trench Drain x 15" Extension Section, Cast Iron Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	1,140.85	66.06
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
22 14 26 19-0028	EA	12" Wide Trench Drain x 15" Extension Section, Bronze Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	1,631.64	66.06
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
22 14 26 19-0029	EA	12" Wide Trench Drain x 15" Extension Section, Galvanized Top And Body, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots	1,406.44	66.06
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	

22 14 29 Sump Pumps *(22 14)*

See CSI section 22 11 16 00-0000 for pipe extensions into well.

22 14 29 13 Wet-Pit-Mounted, Vertical Sump Pumps *(22 14 29)*

22 14 29 13-0001 Vertical Mounted Sump Pumps *(22 14 29 13)*

Note: Supplied with 1750 RPM premium efficient motor with drip cover, float switch assembly, steel support mounting plate and 5' column sections.

22 14 29 13-0002	EA	1 HP Vertical Mounted Cast Iron Sump Pump, 1-1/2" Discharge, Single Stage, 25 GPM 40' Head	6,639.30	319.43
		For Explosion Proof Motor, Add	*326.86*	
22 14 29 13-0003	EA	1-1/2 HP Vertical Mounted Cast Iron Sump Pump, 2" Discharge, Single Stage, 75 GPM 40' Head	7,004.45	386.62
		For Explosion Proof Motor, Add	*363.37*	
22 14 29 13-0004	EA	2 HP Vertical Mounted Cast Iron Sump Pump, 2-1/2" Discharge, Single Stage, 100 GPM 40' Head	7,996.24	459.32
		For Explosion Proof Motor, Add	*469.42*	
22 14 29 13-0005	EA	3 HP Vertical Mounted Cast Iron Sump Pump, 3" Discharge, Single Stage, 150 GPM 40' Head	8,507.18	565.06
		For Explosion Proof Motor, Add	*532.01*	
22 14 29 13-0006	EA	5 HP Vertical Mounted Cast Iron Sump Pump, 3" Discharge, Single Stage, 200 GPM 40' Head	8,978.26	612.43
		For Explosion Proof Motor, Add	*777.15*	
22 14 29 13-0007	EA	10 HP Vertical Mounted Cast Iron Sump Pump, 4" Discharge, Single Stage, 300 GPM 70' Head	10,644.06	734.69
		For Explosion Proof Motor, Add	*881.47*	
22 14 29 13-0008	EA	15 HP Vertical Mounted Cast Iron Sump Pump, 5" Discharge, Single Stage, 500 GPM 70' Head	12,484.06	760.86
		For Explosion Proof Motor, Add	*1,444.78*	
22 14 29 13-0009	EA	20 HP Vertical Mounted Cast Iron Sump Pump, 6" Discharge, Single Stage, 800 GPM 70' Head	15,149.90	955.95
		For Explosion Proof Motor, Add	*1,917.68*	
22 14 29 13-0010	EA	30 HP Vertical Mounted Cast Iron Sump Pump, 6" Discharge, Single Stage, 1,000 GPM 70' Head	16,336.57	1,114.87
		For Explosion Proof Motor, Add	*2,486.20*	
22 14 29 13-0011	EA	50 HP Vertical Mounted Cast Iron Sump Pump, 8" Discharge, Single Stage, 1,600 GPM 70' Head	21,976.14	1,338.33
		For Explosion Proof Motor, Add	*3,239.01*	
22 14 29 13-0012	EA	60 HP Vertical Mounted Cast Iron Sump Pump, 8" Discharge, Single Stage, 2,000 GPM 70' Head	30,550.72	1,486.49
		For Explosion Proof Motor, Add	*5,134.09*	

22 14 29 13-0013 Extra Column Assemblies *(22 14 29 13)*

22 14 29 13-0014	EA	1-1/2" Diameter x 5' Long Extra Column Assembly	1,058.66
22 14 29 13-0015	EA	2" Diameter x 5' Long Extra Column Assembly	1,158.42
22 14 29 13-0016	EA	2-1/2" Diameter x 5' Long Extra Column Assembly	1,267.58
22 14 29 13-0017	EA	3" Diameter x 5' Long Extra Column Assembly	1,521.99
22 14 29 13-0018	EA	4" Diameter x 5' Long Extra Column Assembly	1,701.17
22 14 29 13-0019	EA	5" Diameter x 5' Long Extra Column Assembly	1,732.14
22 14 29 13-0020	EA	6" Diameter x 5' Long Extra Column Assembly	1,944.51

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 29 13-0021	EA	8" Diameter x 5' Long Extra Column Assembly	2,127.75	
22 14 29 13-0022		Support Plate *(22 14 29 13)*		
22 14 29 13-0023	EA	24" Steel Support Plate, Round Or Square	849.67	44.03
22 14 29 13-0024	EA	30" Steel Support Plate, Round Or Square	940.60	49.54
22 14 29 13-0025	EA	36" Steel Support Plate, Round Or Square	1,305.62	66.06
22 14 29 13-0026	EA	40" Steel Support Plate, Round Or Square	1,897.66	77.07
22 14 29 13-0027	EA	42" Steel Support Plate, Round Or Square	2,034.88	79.82
22 14 29 13-0028	EA	48" Steel Support Plate, Round Or Square	2,176.16	82.57
22 14 29 13-0029	EA	54" Steel Support Plate, Round Or Square	2,773.21	99.08
22 14 29 13-0030	EA	60" Steel Support Plate, Round Or Square	3,760.51	110.09
22 14 29 13-0031	EA	72" Steel Support Plate, Round Or Square	5,022.02	137.62
22 14 29 13-0032	EA	84" Steel Support Plate, Round Or Square	6,065.79	151.37
22 14 29 16		**Submersible Sump Pumps** *(22 14 29)*		
22 14 29 16-0001		Submersible Sump Pump With Vortex Impeller *(22 14 29 16)*		
22 14 29 16-0002		Submersible Sump Pump With Cast Iron Vortex Impeller *(22 14 29 16-0001)*		
22 14 29 16-0003	EA	1/3 HP Manual Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Impeller	529.65	71.74
22 14 29 16-0004	EA	1/3 HP Automatic Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Impeller	588.77	71.74
22 14 29 16-0005	EA	1/2 HP Manual Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Impeller	934.67	75.91
22 14 29 16-0006	EA	1/2 HP Automatic Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Impeller	1,028.22	75.91
22 14 29 16-0007		Submersible Sump Pump With Bronze Vortex Impeller *(22 14 29 16-0001)* Note: Includes 20' of cord with pump.		
22 14 29 16-0008	EA	1/2 HP Manual Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	1,586.96	75.91
22 14 29 16-0009	EA	1/2 HP Automatic Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	1,727.94	75.91
22 14 29 16-0010	EA	1 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	1,814.21	83.68
22 14 29 16-0011	EA	1 HP Automatic Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	1,964.94	83.68
22 14 29 16-0012	EA	1-1/2 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	2,020.30	95.64
22 14 29 16-0013	EA	1-1/2 HP Automatic Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	2,168.43	95.64
22 14 29 16-0014	EA	2 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	2,168.18	113.58
22 14 29 16-0015	EA	2 HP Automatic Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	2,296.82	113.58
22 14 29 16-0016		Submersible Sump Pump With Semi-Open Impeller *(22 14 29 16)* Note: Includes 20' of cord with pump.		
22 14 29 16-0017	EA	1/3 HP Manual Submersible Sump Pump, 115 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	1,189.48	71.74
22 14 29 16-0018	EA	1/3 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	1,228.00	71.74
22 14 29 16-0019	EA	1/2 HP Manual Submersible Sump Pump, 115 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	1,532.45	75.91
22 14 29 16-0020	EA	1/2 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	1,559.51	75.91
22 14 29 16-0021	EA	3/4 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	1,870.20	80.10
22 14 29 16-0022	EA	3/4 HP Manual Submersible Sump Pump, 230 Volt, 3 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	1,870.20	80.10
22 14 29 16-0023	EA	1 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	1,977.91	83.68
22 14 29 16-0024	EA	1 HP Manual Submersible Sump Pump, 230 Volt, 3 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	1,977.91	83.68
22 14 29 16-0025	EA	1-1/2 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	2,257.35	95.64
22 14 29 16-0026	EA	1-1/2 HP Manual Submersible Sump Pump, 230 Volt, 3 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	2,257.35	95.64
22 14 29 16-0027	EA	2 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	2,625.78	113.58
22 14 29 16-0028	EA	2 HP Manual Submersible Sump Pump, 230 Volt, 3 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	2,578.94	113.58
22 14 29 19		**Sump-Pump Basins and Pits** *(22 14 29)* See CSI section 22 13 29 33-0000 for basins and pits.		

22 15 General Service Compressed-Air Systems *(22 10)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

22 15 13 General Service Compressed-Air Piping *(22 15)*

See CSI section 22 11 16 00-0013 for threaded galvanized steel pipe, 23 21 13 23-0001 for threaded black steel pipe.

22 15 13 00-0001 Aluminum Pipe And Fittings For Compressed Air *(22 15 13)*

22 15 13 00-0002 Aluminum (6063) Pipe (FastPipe) *(22 15 13 00-0001)*

Note: For compressed air system

22 15 13 00-0003	LF	3/4" Blue Rigid Aluminum Pipe Note: For compresed air system	8.37	2.40
22 15 13 00-0004	LF	1" Blue Rigid Aluminum Pipe Note: For compresed air system	10.28	2.63
22 15 13 00-0005	LF	1-1/2" Blue Rigid Aluminum Pipe Note: For compresed air system	13.81	3.35
22 15 13 00-0006	LF	2" Blue Rigid Aluminum Pipe Note: For compresed air system	16.71	3.83
22 15 13 00-0007	LF	3" Blue Rigid Aluminum Pipe Note: For compresed air system	27.48	5.26

22 15 13 00-0008 Compression Fittings (FastPipe) *(22 15 13 00-0001)*

Note: For compressed air system

22 15 13 00-0009 Compression Union *(22 15 13 00-0008)*

22 15 13 00-0010	EA	3/4" FastPipe Compression Union Note: For compresed air system	23.79	3.35
22 15 13 00-0011	EA	1" FastPipe Compression Union Note: For compresed air system	35.82	4.78
22 15 13 00-0012	EA	1-1/2" FastPipe Compression Union Note: For compresed air system	55.96	6.69
22 15 13 00-0013	EA	2" FastPipe Compression Union Note: For compresed air system	70.04	8.61
22 15 13 00-0014	EA	3" FastPipe Compression Union Note: For compresed air system	133.86	13.39

22 15 13 00-0015 Compression 90 Degree Elbow *(22 15 13 00-0008)*

22 15 13 00-0016	EA	3/4" FastPipe Compression 90 Degree Elbow Note: For compresed air system	25.20	3.35
22 15 13 00-0017	EA	1" FastPipe Compression 90 Degree Elbow Note: For compresed air system	37.29	4.78
22 15 13 00-0018	EA	1-1/2" FastPipe Compression 90 Degree Elbow Note: For compresed air system	57.52	6.69
22 15 13 00-0019	EA	2" FastPipe Compression 90 Degree Elbow Note: For compresed air system	78.87	8.61
22 15 13 00-0020	EA	3" FastPipe Compression 90 Degree Elbow Note: For compresed air system	152.63	13.39

22 15 13 00-0021 Compression 45 Degree Elbow *(22 15 13 00-0008)*

22 15 13 00-0022	EA	1" FastPipe Compression 45 Degree Elbow Note: For compresed air system	37.61	4.78
22 15 13 00-0023	EA	1-1/2" FastPipe Compression 45 Degree Elbow Note: For compresed air system	64.30	6.69
22 15 13 00-0024	EA	2" FastPipe Compression 45 Degree Elbow Note: For compresed air system	85.25	8.61

22 15 13 00-0025 Compression Tee *(22 15 13 00-0008)*

22 15 13 00-0026	EA	3/4" FastPipe Compression Tee Note: For compresed air system	33.89	5.02
22 15 13 00-0027	EA	1" FastPipe Compression Tee Note: For compresed air system	47.99	7.18
22 15 13 00-0028	EA	1-1/2" FastPipe Compression Tee Note: For compresed air system	89.08	10.05
22 15 13 00-0029	EA	2" FastPipe Compression Tee Note: For compresed air system	110.89	12.92
22 15 13 00-0030	EA	3" FastPipe Compression Tee Note: For compresed air system	211.30	20.08

22 15 13 00-0031 Compression Reducing Tee *(22 15 13 00-0008)*

22 15 13 00-0032	EA	1" x 3/4" FastPipe Compression Reducing Tee Note: For compresed air system	46.09	6.45
22 15 13 00-0033	EA	1-1/2" x 3/4" FastPipe Compression Reducing Tee Note: For compresed air system	79.93	8.37
22 15 13 00-0034	EA	1-1/2" x 1" FastPipe Compression Reducing Tee Note: For compresed air system	83.35	9.09
22 15 13 00-0035	EA	2" x 3/4" FastPipe Compression Reducing Tee Note: For compresed air system	101.09	10.28
22 15 13 00-0036	EA	2" x 1" FastPipe Compression Reducing Tee Note: For compresed air system	104.16	11.00

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 15 13 00-0037		**Compression Reducing Union** *(22 15 13 00-0008)*		
22 15 13 00-0038	EA	1" x 3/4" FastPipe Compression Reducing Union Note: For compresed air system	34.65	4.07
22 15 13 00-0039	EA	1-1/2" x 3/4" FastPipe Compression Reducing Union Note: For compresed air system	50.89	5.02
22 15 13 00-0040	EA	1-1/2" x 1" FastPipe Compression Reducing Union Note: For compresed air system	51.83	5.74
22 15 13 00-0041	EA	2" x 3/4" FastPipe Compression Reducing Union Note: For compresed air system	64.60	5.98
22 15 13 00-0042	EA	2" x 1" FastPipe Compression Reducing Union Note: For compresed air system	66.90	6.69
22 15 13 00-0043	EA	2" x 1-1/2" FastPipe Compression Reducing Union Note: For compresed air system	70.94	7.65
22 15 13 00-0044		**Compression x NPT 90 Degree Reducing Elbow** *(22 15 13 00-0008)*		
22 15 13 00-0045	EA	3/4" x 1/4" NPT FastPipe Compression 90 Degree Reducing Elbow Note: For compresed air system	50.95	6.94
22 15 13 00-0046	EA	3/4" x 1/2" NPT FastPipe Compression 90 Degree Reducing Elbow Note: For compresed air system	54.22	7.89
22 15 13 00-0047	EA	1" x 1/4" NPT FastPipe Compression 90 Degree Reducing Elbow Note: For compresed air system	60.02	7.65
22 15 13 00-0048	EA	1" x 1/2" NPT FastPipe Compression 90 Degree Reducing Elbow Note: For compresed air system	61.90	8.61
22 15 13 00-0049	EA	1" x 3/4" NPT FastPipe Compression 90 Degree Reducing Elbow Note: For compresed air system	64.29	9.56
22 15 13 00-0050		**Compression x NPT Reducing Tee** *(22 15 13 00-0008)*		
22 15 13 00-0051	EA	3/4" x 1/4" NPT FastPipe Compression Reducing Tee Note: For compresed air system	58.88	8.61
22 15 13 00-0052	EA	3/4" x 1/2" NPT FastPipe Compression Reducing Tee Note: For compresed air system	61.15	9.56
22 15 13 00-0053	EA	1" x 1/4" NPT FastPipe Compression Reducing Tee Note: For compresed air system	69.97	10.05
22 15 13 00-0054	EA	1" x 1/2" NPT FastPipe Compression Reducing Tee Note: For compresed air system	72.02	11.00
22 15 13 00-0055	EA	1" x 3/4" NPT FastPipe Compression Reducing Tee Note: For compresed air system	74.63	11.96
22 15 13 00-0056	EA	1-1/2" x 1/2" NPT FastPipe Compression Reducing Tee Note: For compresed air system	100.38	12.92
22 15 13 00-0057	EA	1-1/2" x 3/4" NPT FastPipe Compression Reducing Tee Note: For compresed air system	102.77	13.87
22 15 13 00-0058	EA	2" x 1/2" NPT FastPipe Compression Reducing Tee Note: For compresed air system	112.07	14.83
22 15 13 00-0059	EA	2" x 3/4" NPT FastPipe Compression Reducing Tee Note: For compresed air system	114.45	15.78
22 15 13 00-0060		**Compression Inline Valve** *(22 15 13 00-0008)*		
22 15 13 00-0061	EA	3/4" FastPipe Compression Inline Valve Note: For compresed air system	77.18	3.35
22 15 13 00-0062	EA	1" FastPipe Compression Inline Valve Note: For compresed air system	99.07	4.78
22 15 13 00-0063	EA	1-1/2" FastPipe Compression Inline Valve Note: For compresed air system	205.44	6.69
22 15 13 00-0064	EA	2" FastPipe Compression Inline Valve Note: For compresed air system	297.01	8.61
22 15 13 00-0065	EA	3" FastPipe Compression Inline Valve Note: For compresed air system	479.27	13.39
22 15 13 00-0066		**Compression Single Port Wall Outlet** *(22 15 13 00-0008)*		
22 15 13 00-0067	EA	3/4" Inlet x 1/2" Female NPT Outlet Compression Single Port Wall Outlet Note: Includes wall block, drain valve, 1/2" brass plug, spacer plate and threaded male adapted. For compresed air system	67.70	7.89
22 15 13 00-0068	EA	1" Inlet x 1/2" Female NPT Outlet Compression Single Port Wall Outlet Note: Includes wall block, drain valve, 1/2" brass plug, spacer plate and threaded male adapted. For compresed air system	70.04	8.61
22 15 13 00-0069		**NPT Push To Connect Coupler** *(22 15 13 00-0008)*		
22 15 13 00-0070	EA	1/2" Male NPT Push To Connect Coupler Note: For compresed air system	26.54	6.22
22 15 13 00-0071		**Quick Disconnect, Air-Service** *(22 15 13)*		
22 15 13 00-0072		**Combination Steel And Brass** *(22 15 13 00-0071)*		
22 15 13 00-0073	EA	1/2" Combination Steel And Brass Disconnect Valve, Single Seated With Arm Ball And Bracket	57.71	16.74
22 15 13 00-0074	EA	3/4" Combination Steel And Brass Disconnect Valve, Single Seated With Arm Ball And Bracket	64.40	20.32

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 15 13 00-0075		**Refrigerated Air Dryers With Ambient Air Filters** *(22 15 13)*		
		Note: 120 Voltage, 1 Phase		
22 15 13 00-0076	EA	3 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	861.57	95.37
22 15 13 00-0077	EA	5 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	988.43	98.03
22 15 13 00-0078	EA	7.5 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	1,168.72	100.67
22 15 13 00-0079	EA	10 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	1,317.62	105.97
22 15 13 00-0080	EA	15 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	1,721.81	119.21
22 15 13 00-0081	EA	20 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	1,946.70	135.64
22 15 13 00-0082	EA	25 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	2,183.28	153.66
22 15 13 00-0083	EA	30 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	2,568.64	172.20
22 15 13 00-0084	EA	40 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	2,977.05	201.35
22 15 13 00-0085	EA	50 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	3,358.23	215.12
22 15 13 00-0086	EA	60 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	3,950.54	238.43
22 15 13 00-0087	EA	75 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	4,547.15	264.92
		For 230 Voltage, Add	*1,205.19*	
22 15 13 00-0088	EA	85 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	4,913.41	291.42
		For 230 Voltage, Add	*1,299.17*	
22 15 13 00-0089	EA	100 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	5,288.89	323.21
		For 230 Voltage, Add	*1,393.16*	
22 15 13 00-0090	EA	125 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	5,719.64	344.40
		For 230 Voltage, Add	*1,509.25*	
22 15 13 00-0091	EA	175 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	6,050.20	357.65
		For 230 Voltage, Add	*1,600.47*	
22 15 13 00-0092	EA	200 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	10,554.69	370.90
		For 230 Voltage, Add	*2,943.87*	
22 15 13 00-0093	EA	250 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	11,345.94	384.14
		For 230 Voltage, Add	*3,173.30*	
22 15 13 00-0094	EA	300 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	12,115.10	397.39
		For 230 Voltage, Add	*3,396.10*	
22 15 13 00-0095	EA	400 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	14,407.08	423.88
		For 230 Voltage, Add	*4,067.80*	
22 15 13 00-0096	EA	500 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	16,327.30	529.85
		For 230 Voltage, Add	*4,580.28*	
22 15 13 00-0097	EA	600 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	23,256.23	635.82
		For 230 Voltage, Add	*6,595.38*	
22 15 13 00-0098	EA	800 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	31,613.36	741.78
		For 230 Voltage, Add	*9,038.93*	
22 15 13 00-0099	EA	1,000 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	35,391.11	847.76
		For 230 Voltage, Add	*10,108.68*	
22 15 13 00-0100		**Oil And Water Separator For Air Compressor** *(22 15 13)*		
22 15 13 00-0101	EA	0-60 SCFM Oil/Water Separator	784.23	38.27
22 15 13 00-0102	EA	85 SCFM Oil/Water Separator	1,051.64	44.85
22 15 13 00-0103	EA	190 SCFM Oil/Water Separator	1,229.45	50.83
22 15 13 00-0104	EA	245 SCFM Oil/Water Separator	1,544.08	59.80
22 15 13 00-0105	EA	320 SCFM Oil/Water Separator	1,835.22	71.76
22 15 13 00-0106	EA	700 SCFM Oil/Water Separator	3,698.98	149.50
22 15 13 00-0107		**Heavy-Duty Industrial Pressure Regulator** *(22 15 13)*		
22 15 13 00-0108	EA	3/8" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output	131.76	31.79
22 15 13 00-0109	EA	1/2" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output	184.29	42.39
22 15 13 00-0110	EA	3/4" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output	317.52	52.98
22 15 13 00-0111	EA	1" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output	396.30	79.48
22 15 13 00-0112	EA	1-1/4" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output	556.47	92.72
22 15 13 00-0113	EA	1-1/2" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output	582.97	105.97
22 15 13 00-0114		**Combination Air System; Filter Regulator Lubricator** *(22 15 13)*		
22 15 13 00-0115	EA	3/8" Filter Regulator Lubricator, Max 150 PSI Input, 150 CFM, 40 Micron Filter	504.01	95.37
22 15 13 00-0116	EA	1/2" Filter Regulator Lubricator, Max 150 PSI Input, 150 CFM, 40 Micron Filter	622.87	127.17
22 15 13 00-0117		**Heatless Desiccant Air Dryers** *(22 15 13)*		
22 15 13 00-0118	EA	5 SCFM Heatless Desiccant Air Dryer	3,033.64	95.37
22 15 13 00-0119	EA	10 SCFM Heatless Desiccant Air Dryer	3,648.76	105.97
22 15 13 00-0120	EA	15 SCFM Heatless Desiccant Air Dryer	3,682.85	116.57
22 15 13 00-0121	EA	20 SCFM Heatless Desiccant Air Dryer	4,206.74	132.46
22 15 13 00-0122	EA	30 SCFM Heatless Desiccant Air Dryer	5,798.40	158.95
22 15 13 00-0123	EA	50 SCFM Heatless Desiccant Air Dryer	5,718.24	211.94
22 15 13 00-0124	EA	85 SCFM Heatless Desiccant Air Dryer	7,683.60	264.92
22 15 13 00-0125	EA	100 SCFM Heatless Desiccant Air Dryer	8,148.55	317.91
22 15 13 00-0126	EA	125 SCFM Heatless Desiccant Air Dryer	9,327.75	370.90
22 15 13 00-0127	EA	175 SCFM Heatless Desiccant Air Dryer	10,711.35	423.88
22 15 13 00-0128	EA	200 SCFM Heatless Desiccant Air Dryer	11,507.45	476.86
22 15 13 00-0129	EA	300 SCFM Heatless Desiccant Air Dryer	14,079.08	529.85
22 15 13 00-0130	EA	400 SCFM Heatless Desiccant Air Dryer	15,632.57	635.82
22 15 13 00-0131	EA	500 SCFM Heatless Desiccant Air Dryer	18,066.94	741.78

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 15 13 00-0132	EA	600 SCFM Heatless Desiccant Air Dryer	20,847.73	847.76
22 15 13 00-0133		**Air-Cooled Aftercoolers** *(22 15 13)*		
22 15 13 00-0134	EA	20 SCFM Air-Cooled Aftercooler	759.04	66.23
22 15 13 00-0135	EA	35 SCFM Air-Cooled Aftercooler	1,026.91	79.48
22 15 13 00-0136	EA	43 SCFM Air-Cooled Aftercooler	1,127.11	92.72
22 15 13 00-0137	EA	70 SCFM Air-Cooled Aftercooler	1,378.43	105.97
22 15 13 00-0138	EA	125 SCFM Air-Cooled Aftercooler	1,924.58	119.21
22 15 13 00-0139	EA	185 SCFM Air-Cooled Aftercooler	2,161.16	132.46
22 15 13 00-0140	EA	260 SCFM Air-Cooled Aftercooler	4,199.58	158.95
22 15 13 00-0141	EA	365 SCFM Air-Cooled Aftercooler	4,387.47	185.44
22 15 13 00-0142	EA	560 SCFM Air-Cooled Aftercooler	4,573.87	211.94
22 15 13 00-0143	EA	650 SCFM Air-Cooled Aftercooler	5,365.44	238.43
22 15 13 00-0144	EA	750 SCFM Air-Cooled Aftercooler	5,865.12	264.92
22 15 13 00-0145	EA	900 SCFM Air-Cooled Aftercooler	6,727.46	291.42
22 15 13 00-0146	EA	1,100 SCFM Air-Cooled Aftercooler	8,645.37	317.91
22 15 13 00-0147	EA	1,460 SCFM Air-Cooled Aftercooler	9,891.74	344.40
22 15 13 00-0148	EA	1,800 SCFM Air-Cooled Aftercooler	10,211.93	370.90
22 15 13 00-0149	EA	2,500 SCFM Air-Cooled Aftercooler	10,950.45	397.39
22 15 13 00-0150		**Compressed Air Coalescing Filters** *(22 15 13)*		
22 15 13 00-0151		**1.0 Micron Filter Rated Compressed Air Coalescing Filters** *(22 15 13 00-0150)*		
22 15 13 00-0152	EA	10 SCFM, 3/8", Coalescing Filter, 1.0 Micron Filter Rating	262.03	38.87
22 15 13 00-0153	EA	20 SCFM, 3/8", Coalescing Filter, 1.0 Micron Filter Rating	313.63	38.87
22 15 13 00-0154	EA	50 SCFM, 1/2", Coalescing Filter, 1.0 Micron Filter Rating	342.16	44.85
22 15 13 00-0155	EA	75 SCFM, 3/4", Coalescing Filter, 1.0 Micron Filter Rating	394.02	51.43
22 15 13 00-0156	EA	100 SCFM, 3/4", Coalescing Filter, 1.0 Micron Filter Rating	460.07	56.81
22 15 13 00-0157	EA	140 SCFM, 1", Coalescing Filter, 1.0 Micron Filter Rating	520.83	68.77
22 15 13 00-0158	EA	175 SCFM, 1-1/4" Coalescing Filter, 1.0 Micron Filter Rating	543.40	74.75
22 15 13 00-0159	EA	250 SCFM, 1-1/2" Coalescing Filter, 1.0 Micron Filter Rating	680.65	89.70
22 15 13 00-0160	EA	280 SCFM, 2" Coalescing Filter, 1.0 Micron Filter Rating	873.13	119.60
22 15 13 00-0161	EA	350 SCFM, 2" Coalescing Filter, 1.0 Micron Filter Rating	998.86	134.55
22 15 13 00-0162		**0.01 Micron Filter Rated Compressed Air Coalescing Filters** *(22 15 13 00-0150)*		
22 15 13 00-0163	EA	16 SCFM, 3/8" Coalescing Filter, 0.01 Micron Filter Rating	321.00	38.87
22 15 13 00-0164	EA	30 SCFM, 1/2" Coalescing Filter, 0.01 Micron Filter Rating	347.67	44.85
22 15 13 00-0165	EA	60 SCFM, 3/4" Coalescing Filter, 0.01 Micron Filter Rating	399.18	51.43
22 15 13 00-0166	EA	100 SCFM, 1" Coalescing Filter, 0.01 Micron Filter Rating	470.40	50.83
22 15 13 00-0167	EA	140 SCFM, 1-1/4" Coalescing Filter, 0.01 Micron Filter Rating	532.63	68.77
22 15 13 00-0168	EA	180 SCFM, 1-1/4" Coalescing Filter, 0.01 Micron Filter Rating	604.67	74.75
22 15 13 00-0169	EA	250 SCFM, 1-1/2" Coalescing Filter, 0.01 Micron Filter Rating	693.92	89.70
22 15 13 00-0170	EA	280 SCFM, 2" Coalescing Filter, 0.01 Micron Filter Rating	895.25	119.60
22 15 13 00-0171	EA	350 SCFM, 2" Coalescing Filter, 0.01 Micron Filter Rating	1,028.34	134.55
22 15 13 00-0172		**Compressed Air Storage Tanks** *(22 15 13)*		
22 15 13 00-0173		**Horizontal Compressed Air Storage Tanks** *(22 15 13 00-0172)*		
22 15 13 00-0174	EA	12 Gallon Horizontal Compressed Air Storage Tank, ASME	427.54	84.78
22 15 13 00-0175	EA	15 Gallon Horizontal Compressed Air Storage Tank, ASME	968.22	92.72
22 15 13 00-0176	EA	20 Gallon Horizontal Compressed Air Storage Tank, ASME	1,026.69	97.49
22 15 13 00-0177	EA	30 Gallon Horizontal Compressed Air Storage Tank, ASME	1,176.23	105.97
22 15 13 00-0178	EA	60 Gallon Horizontal Compressed Air Storage Tank, ASME	1,530.26	143.06
22 15 13 00-0179	EA	80 Gallon Horizontal Compressed Air Storage Tank, ASME	1,862.43	158.95
22 15 13 00-0180	EA	120 Gallon Horizontal Compressed Air Storage Tank, ASME	2,851.84	185.44
22 15 13 00-0181	EA	200 Gallon Horizontal Compressed Air Storage Tank, ASME	4,323.61	211.94
22 15 13 00-0182	EA	240 Gallon Horizontal Compressed Air Storage Tank, ASME	4,832.51	225.18
22 15 13 00-0183	EA	325 Gallon Horizontal Compressed Air Storage Tank, ASME	7,081.59	238.43
22 15 13 00-0184	EA	400 Gallon Horizontal Compressed Air Storage Tank, ASME	9,369.48	278.17
22 15 13 00-0185	EA	660 Gallon Horizontal Compressed Air Storage Tank, ASME	13,553.78	331.16
22 15 13 00-0186		**Vertical Compressed Air Storage Tanks** *(22 15 13 00-0172)*		
22 15 13 00-0187	EA	10 Gallon Vertical Compressed Air Storage Tank, ASME	903.41	84.78
22 15 13 00-0188	EA	15 Gallon Vertical Compressed Air Storage Tank, ASME	943.76	92.72
22 15 13 00-0189	EA	20 Gallon Vertical Compressed Air Storage Tank, ASME	1,026.69	97.49
22 15 13 00-0190	EA	30 Gallon Vertical Compressed Air Storage Tank, ASME	1,224.67	105.97
22 15 13 00-0191	EA	60 Gallon Vertical Compressed Air Storage Tank, ASME	1,675.56	143.06
22 15 13 00-0192	EA	80 Gallon Vertical Compressed Air Storage Tank, ASME	1,932.40	158.95
22 15 13 00-0193	EA	120 Gallon Vertical Compressed Air Storage Tank, ASME	2,699.68	185.44
22 15 13 00-0194	EA	200 Gallon Vertical Compressed Air Storage Tank, ASME	4,010.01	211.94
22 15 13 00-0195	EA	240 Gallon Vertical Compressed Air Storage Tank, ASME	4,432.78	225.18
22 15 13 00-0196	EA	325 Gallon Vertical Compressed Air Storage Tank, ASME	6,103.12	238.43
22 15 13 00-0197	EA	400 Gallon Vertical Compressed Air Storage Tank, ASME	7,850.91	278.17
22 15 13 00-0198	EA	500 Gallon Vertical Compressed Air Storage Tank, ASME	10,301.16	304.67
22 15 13 00-0199	EA	660 Gallon Vertical Compressed Air Storage Tank, ASME	17,298.50	344.40

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		MINOR CSI UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

22 15 19 General Service Packaged Air Compressors and Receivers *(22 15)*

Note: Includes V-belt drive, receiver, motor, starter mounted and wired. Excludes piping, pressure reducing valve station, or air dryer.

22 15 19 13 General Service Packaged Reciprocating Air Compressors *(22 15 19)*

22 15 19 13-0001 Single Stage Compressor *(22 15 19 13)*

Note: Includes receiver, reciprocating air-cooled, 140 PSIG working pressure, splash lubricated, tank mounted.

22 15 19 13-0002	EA	1/2 HP 1-Stage Air Compressor, 1.5 ACFM Air-Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure	3,191.96	375.98
22 15 19 13-0003	EA	3/4 HP 1-Stage Air Compressor, 2.0 ACFM Air-Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure	3,330.66	433.94
22 15 19 13-0004	EA	1 HP 1-Stage Air Compressor, 2.5 ACFM Air-Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure	3,798.99	512.47
22 15 19 13-0005	EA	2 HP 1-Stage Air Compressor, Air-Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure	4,329.99	565.46
22 15 19 13-0006	EA	3 HP 1-Stage Air Compressor, Air-Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure	5,306.46	597.24
22 15 19 13-0007	EA	3 HP 1-Stage Air Compressor, Air-Cooled With 60 Gallon Receiver, 140 PSIG Working Pressure	5,671.82	618.44
22 15 19 13-0008	EA	5 HP 1-Stage Air Compressor, Air-Cooled With 60 Gallon Receiver, 140 PSIG Working Pressure	6,367.87	706.81
22 15 19 13-0009	EA	5 HP 1-Stage Air Compressor, Air-Cooled With 80 Gallon Receiver, 140 PSIG Working Pressure	6,831.11	749.21
22 15 19 13-0010	EA	7.5 HP 1-Stage Air Compressor, Air-Cooled With 80 Gallon Receiver, 140 PSIG Working Pressure	8,201.45	848.18

22 15 19 13-0011 Two Stage Compressor *(22 15 19 13)*

Note: With receiver, reciprocating air-cooled, discharge pressure 80-200 PSIG, receiver capacity as noted, splash lubricated, tank mounted.

22 15 19 13-0012	EA	1-1/2 HP 2-Stage Air Compressor, 60 Gallon Receiver, 5.0 ACFM, 80-200 PSIG Discharge Pressure	6,109.29	660.83
22 15 19 13-0013	EA	2 HP 2-Stage Air Compressor, 60 Gallon Receiver, 7.0 ACFM, 80-200 PSIG Discharge Pressure	6,551.41	777.50
22 15 19 13-0014	EA	3 HP 2-Stage Air Compressor, 60 Gallon Receiver, 12 ACFM, 80-200 PSIG Discharge Pressure	6,844.21	848.18
22 15 19 13-0015	EA	5 HP 2-Stage Air Compressor, 80 Gallon Receiver, 15 ACFM, 80-200 PSIG Discharge Pressure	7,797.72	1,130.90
22 15 19 13-0016	EA	5 HP 2-Stage Air Compressor, 120 Gallon Receiver, 16.5 ACFM, 80-200 PSI Max Discharge Pressure	8,415.95	1,130.90
22 15 19 13-0017	EA	7.5 HP 2-Stage Air Compressor, 80 Gallon Receiver, 19.8 ACFM, 80-200 PSIG Discharge Pressure	9,014.84	1,413.64
22 15 19 13-0018	EA	7.5 HP 2-Stage Air Compressor, 120 Gallon Receiver, 25.6 ACFM, 80-200 PSI Max Discharge Pressure	9,575.56	1,413.64
22 15 19 13-0019	EA	10 HP 2-Stage Air Compressor, 80 Gallon Receiver, 35.0 ACFM, 80-200 PSI Max Discharge Pressure	12,282.16	1,748.49
22 15 19 13-0020	EA	10 HP 2-Stage Air Compressor, 120 Gallon Receiver, 38 ACFM, 80-200 PSIG Discharge Pressure	13,171.22	1,801.48
22 15 19 13-0021	EA	15 HP 2-Stage Air Compressor, 120 Gallon Receiver, 50 ACFM, 80-200 PSIG Discharge Pressure	14,230.09	2,105.40
22 15 19 13-0022	EA	20 HP 2-Stage Air Compressor, 120 Gallon Receiver, 70 ACFM, 80-200 PSIG Discharge Pressure	21,536.41	2,383.26
22 15 19 13-0023	EA	25 HP 2-Stage Air Compressor, 120 Gallon Receiver, 84.4 ACFM, 175 PSI Max Discharge Pressure	23,120.29	2,693.00
22 15 19 13-0024	EA	30 HP 2-Stage Air Compressor, 120 Gallon Receiver, 97.2 ACFM, 175 PSI Max Discharge Pressure	25,773.21	2,976.36
22 15 19 13-0025	EA	30 HP 2-Stage Air Compressor, 250 Gallon Receiver, 101 ACFM, 175 PSI Max Discharge Pressure	28,035.67	3,261.96

22 15 19 19 General Service Packaged Rotary-Screw Air Compressors *(22 15 19)*

22 15 19 19-0001 Rotary Screw Air Compressor, Base Mounted Without Receiver *(22 15 19 19)*

Note: Oil flooded.

22 15 19 19-0002	EA	3 HP, 8.5 SCFM, Rotary Screw Air Compressor With Enclosure, 150 PSIG Max Discharge Pressure, Lubricated	10,458.54	954.42
22 15 19 19-0003	EA	5 HP, 16.6 SCFM, Rotary Screw Air Compressor With Enclosure, 150 PSIG Max Discharge Pressure, Lubricated	11,641.46	1,272.56
22 15 19 19-0004	EA	7.5 HP, 27 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	14,932.10	1,595.49
22 15 19 19-0005	EA	10 HP, 37 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	17,239.86	2,033.24
22 15 19 19-0006	EA	15 HP, 56 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	19,722.46	2,392.04
22 15 19 19-0007	EA	20 HP, 79 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	23,959.15	2,691.05
22 15 19 19-0008	EA	25 HP, 114 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	26,249.11	2,990.06
22 15 19 19-0009	EA	30 HP, 137 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	31,613.03	3,348.86
22 15 19 19-0010	EA	40 HP, 183 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	34,763.91	3,588.06
22 15 19 19-0011	EA	50 HP, 214 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	39,047.28	3,866.74
22 15 19 19-0012	EA	60 HP, 256 SCFM Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	50,901.82	4,186.08
22 15 19 19-0013	EA	75 HP, 320 SCFM Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	56,511.26	4,425.28
22 15 19 19-0014	EA	100 HP, 494 SCFM Rotary Screw Air Compressor With Enclosure, 100 PSIG Max Discharge Pressure, Lubricated	91,048.82	4,784.09
22 15 19 19-0015	EA	125 HP, 592 SCFM Rotary Screw Air Compressor With Enclosure, 100 PSIG Max Discharge Pressure, Lubricated	113,713.22	5,172.79
22 15 19 19-0016	EA	150 HP, 695 SCFM Rotary Screw Air Compressor With Enclosure, 100 PSIG Max Discharge Pressure, Lubricated	132,159.62	5,567.48
22 15 19 19-0017	EA	220 HP, 996 SCFM Rotary Screw Air Compressor With Enclosure, 100 PSIG Max Discharge Pressure, Lubricated	172,155.76	5,980.11
22 15 19 19-0018	EA	250 HP, 1,000 SCFM Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	195,659.04	6,362.84

22 15 19 19-0019 Rotary Screw Air Compressor, Base Mounted With Receiver *(22 15 19 19)*

Note: Includes receiver, motor, starter mounted and wired. Excludes piping, pressure reducing valve station, or air dryer.

22 15 19 19-0020	EA	5 HP, 18.5 SCFM, 80 Gallon Receiver, Rotary Screw Air Compressor, 150 PSIG Max Discharge Pressure, Lubricated	13,041.82	1,272.56
22 15 19 19-0021	EA	5 HP, 18.5 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 150 PSIG Max Discharge Pressure, Lubricated	13,869.97	1,272.56
22 15 19 19-0022	EA	7.5 HP, 28 SCFM, 80 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	15,590.58	1,595.49
22 15 19 19-0023	EA	7.5 HP, 28 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	16,496.37	1,595.49
22 15 19 19-0024	EA	10 HP, 38 SCFM, 80 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	17,602.17	2,033.24
22 15 19 19-0025	EA	10 HP, 38 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	18,559.71	2,033.24

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 15 19 19-0026	EA	15 HP, 55 SCFM, 80 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	20,021.51	2,392.04
22 15 19 19-0027	EA	15 HP, 55 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	21,056.69	2,392.04
22 15 19 19-0028	EA	20 HP, 75 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	34,863.04	2,691.05
22 15 19 19-0029	EA	25 HP, 102 SCFM, 120 gallon receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	37,541.20	2,990.06
22 15 19 19-0030	EA	30 HP, 125 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	39,960.60	3,348.86

22 30 Plumbing Equipment *(22)*

22 31 Domestic Water Softeners *(22 30)*

22 31 13 Residential Domestic Water Softeners *(22 31)*

See CSI section 11 30 13 13-0104 for residential water softener.

22 31 16 Commercial Domestic Water Softeners *(22 31)*

22 31 16 00-0001 Commercial Water Softeners (Watts Pure Water) *(22 31 16)*

22 31 16 00-0002 Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0001)*

22 31 16 00-0003 1" Pipe Connection, Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0002)*

Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.

22 31 16 00-0004	EA	30,000 Grain Capacity, 1" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10111A11)	5,281.36	302.75
22 31 16 00-0005	EA	45,000 Grain Capacity, 1" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10111B11)	5,520.38	316.51
22 31 16 00-0006	EA	60,000 Grain Capacity, 1" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10111C11)	5,964.09	330.27
22 31 16 00-0007	EA	90,000 Grain Capacity, 1" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10111D11)	6,883.13	344.03
22 31 16 00-0008	EA	120,000 Grain Capacity, 1" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10111E11)	7,340.48	357.80

22 31 16 00-0009 1-1/2" Pipe Connection, Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0002)*

Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.

22 31 16 00-0010	EA	60,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121C11)	7,972.25	330.27
22 31 16 00-0011	EA	90,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121D11)	8,386.41	344.03
22 31 16 00-0012	EA	120,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121E11)	8,846.03	357.80
22 31 16 00-0013	EA	150,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121F11)	10,538.31	371.55
22 31 16 00-0014	EA	210,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121G11)	11,727.97	385.32
22 31 16 00-0015	EA	300,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121H11)	14,314.03	399.08

22 31 16 00-0016 2" Pipe Connection, Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0002)*

Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.

22 31 16 00-0017	EA	90,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131D11)	12,184.40	344.03
22 31 16 00-0018	EA	120,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131E11)	12,628.11	357.80
22 31 16 00-0019	EA	150,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131F11)	14,324.94	371.55
22 31 16 00-0020	EA	210,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131G11)	15,514.59	385.32
22 31 16 00-0021	EA	300,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131H11)	18,241.66	399.08
22 31 16 00-0022	EA	450,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131I11)	24,116.27	412.84
22 31 16 00-0023	EA	600,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131J11)	28,239.73	426.60

22 31 16 00-0024 3" Pipe Connection, Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0002)*

Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.

22 31 16 00-0025	EA	300,000 Grain Capacity, 3" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151H11)	29,667.49	399.08

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 31 16 00-0026	EA	450,000 Grain Capacity, 3" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151I11)	34,298.09	412.84
22 31 16 00-0027	EA	600,000 Grain Capacity, 3" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151J11)	38,366.96	426.60
22 31 16 00-0028	EA	900,000 Grain Capacity, 3" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151K11)	48,353.41	440.36
22 31 16 00-0029	EA	1050,000 Grain Capacity, 3" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151L11)	53,557.14	454.13
22 31 16 00-0030		Duplex Alternating (Two Valves), Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0001)*		
22 31 16 00-0031		2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0030)* Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and two fully automatic metered demand control valves.		
22 31 16 00-0032	EA	90,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131D21)	20,022.09	516.05
22 31 16 00-0033	EA	120,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131E21)	20,911.67	536.69
22 31 16 00-0034	EA	150,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131F21)	23,838.98	557.33
22 31 16 00-0035	EA	210,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131G21)	26,079.47	577.98
22 31 16 00-0036	EA	300,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131H21)	31,888.24	598.61
22 31 16 00-0037	EA	450,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131I21)	42,331.94	619.26
22 31 16 00-0038	EA	600,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131J21)	49,869.15	639.91
22 31 16 00-0039		3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0030)* Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and two fully automatic metered demand control valves.		
22 31 16 00-0040	EA	300,000 Grain Capacity, 3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151H21)	54,548.87	598.61
22 31 16 00-0041	EA	450,000 Grain Capacity, 3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151I21)	62,700.13	619.26
22 31 16 00-0042	EA	600,000 Grain Capacity, 3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151J21)	70,489.78	639.91
22 31 16 00-0043	EA	900,000 Grain Capacity, 3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151K21)	89,768.95	660.54
22 31 16 00-0044	EA	1,050,000 Grain Capacity, 3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151L21)	100,255.87	681.19
22 31 16 00-0045		Twin Alternating, Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0001)*		
22 31 16 00-0046		1" Pipe Connection, Twin Alternating, Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0045)* Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.		
22 31 16 00-0047	EA	30,000 Grain Capacity, 1" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161A21)	6,916.82	454.13
22 31 16 00-0048	EA	45,000 Grain Capacity, 1" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161B21)	7,381.11	474.77
22 31 16 00-0049	EA	60,000 Grain Capacity, 1" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161C21)	8,061.45	495.41
22 31 16 00-0050	EA	90,000 Grain Capacity, 1" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161D21)	9,712.91	516.05
22 31 16 00-0051	EA	120,000 Grain Capacity, 1" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161E21)	10,759.42	536.69
22 31 16 00-0052		1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0045)* Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.		
22 31 16 00-0053	EA	60,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161A21)	13,731.16	495.41
22 31 16 00-0054	EA	90,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161B21)	14,482.01	516.05
22 31 16 00-0055	EA	120,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161C21)	15,596.75	536.69
22 31 16 00-0056	EA	150,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161D21)	17,880.44	557.33
22 31 16 00-0057	EA	210,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161E21)	20,198.26	577.98

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 31 16 00-0058	EA	300,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161E21)	25,349.78	598.61

22 32 Domestic Water Filtration Equipment *(22 30)*

22 32 16 Domestic-Water Freestanding Cartridge Filters *(22 32)*

22 32 16 00-0001 Commercial Water Filters Housings *(22 32 16)*

22 32 16 00-0002 Commercial Multi-Cartridge Stainless Steel Water Filter Housings *(22 32 16 00-0001)*

22 32 16 00-0003 Commercial Multi-Cartridge Stainless Steel Water Filter Housings *(22 32 16 00-0002)*

22 32 16 00-0004	EA	25 GPM Max Flow Rate, 4 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS4X1)	2,719.82	194.35
22 32 16 00-0005	EA	30 GPM Max Flow Rate, 5 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS5X1)	2,770.18	209.31
22 32 16 00-0006	EA	60 GPM Max Flow Rate, 4 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS4X2)	2,947.91	224.25
22 32 16 00-0007	EA	90 GPM Max Flow Rate, 4 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS4X3)	3,266.63	239.21
22 32 16 00-0008	EA	120 GPM Max Flow Rate, 4 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS4X4)	3,362.48	254.15
22 32 16 00-0009	EA	150 GPM Max Flow Rate, 5 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS5X4)	4,088.31	269.11
22 32 16 00-0010	EA	250 GPM Max Flow Rate, 12 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS12X3)	11,636.88	284.05
22 32 16 00-0011	EA	300 GPM Max Flow Rate, 12 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS12X4)	13,547.59	299.01
22 32 16 00-0012	EA	500 GPM Max Flow Rate, 22 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS22X3)	17,220.84	313.95
22 32 16 00-0013	EA	600 GPM Max Flow Rate, 22 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS22X4)	19,108.80	328.91

22 32 16 00-0014 Commercial Water Filter Cartridges *(22 32 16 00-0002)*

22 32 16 00-0015 (Depth) Water Filter Cartridges *(22 32 16 00-0014)*

22 32 16 00-0016	EA	50 Micron, 10" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB10M50)	13.31	2.40
22 32 16 00-0017	EA	20 Micron, 10" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB10M20)	13.31	2.40
22 32 16 00-0018	EA	10 Micron, 10" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB10M10)	13.31	2.40
22 32 16 00-0019	EA	5 Micron, 10" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB10M5)	11.03	2.40
22 32 16 00-0020	EA	1 Micron, 10" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB10M1)	13.88	2.40
22 32 16 00-0021	EA	50 Micron, 20" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB20M50)	13.88	2.40
22 32 16 00-0022	EA	20 Micron, 20" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB20M20)	15.01	2.40
22 32 16 00-0023	EA	5 Micron, 20" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Big Pure Water PWMB20M5)	18.99	2.40
22 32 16 00-0024	EA	1 Micron, 20" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB20M1)	15.01	2.40
22 32 16 00-0025	EA	50 Micron, 30" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB30M50)	17.86	2.40
22 32 16 00-0026	EA	20 Micron, 30" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB30M20)	17.86	2.40
22 32 16 00-0027	EA	5 Micron, 30" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB30M5)	17.86	2.40
22 32 16 00-0028	EA	1 Micron, 30" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB30M1)	19.56	2.40
22 32 16 00-0029	EA	50 Micron, 40" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB40M50)	25.82	2.40
22 32 16 00-0030	EA	20 Micron, 40" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB40M20)	23.54	2.40
22 32 16 00-0031	EA	5 Micron, 40" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB40M5)	23.54	2.40
22 32 16 00-0032	EA	1 Micron, 40" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB40M1)	25.82	2.40

22 32 16 00-0033 Pleated Water Filter Cartridges *(22 32 16 00-0014)*

22 32 16 00-0034	EA	50 Micron, 9-3/4" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL10M50)	24.11	2.40
22 32 16 00-0035	EA	20 Micron, 9-3/4" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL10M20)	24.11	2.40
22 32 16 00-0036	EA	5 Micron, 9-3/4" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL10M5)	24.68	2.40
22 32 16 00-0037	EA	1 Micron, 9-3/4" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL10M1)	26.39	2.40
22 32 16 00-0038	EA	1 Micron Absolute, 9-3/4" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL10M1AB)	40.03	2.40
22 32 16 00-0039	EA	50 Micron, 20" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL20M50)	38.33	2.40
22 32 16 00-0040	EA	20 Micron, 20" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL20M20)	38.33	2.40
22 32 16 00-0041	EA	5 Micron, 20" Length, Pleated Water Filter Cartridge (Watts Big Pure Water PWPL20M5)	38.33	2.40
22 32 16 00-0042	EA	1 Micron, 20" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL20M1)	50.83	2.40
22 32 16 00-0043	EA	1 Micron Absolute, 20" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL20M1AB)	72.44	2.40
22 32 16 00-0044	EA	50 Micron, 40" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL40M50)	60.50	2.40
22 32 16 00-0045	EA	20 Micron, 40" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL40M20)	84.38	2.40
22 32 16 00-0046	EA	5 Micron, 40" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL40M5)	87.79	2.40
22 32 16 00-0047	EA	1 Micron, 40" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL40M1)	99.16	2.40

22 32 16 00-0048 Commercial Non-Metallic Water Filter Housings *(22 32 16 00-0001)*

22 32 16 00-0049 Commercial Non-Metallic Water Filter Housings *(22 32 16 00-0048)*

22 32 16 00-0050	EA	150 GPM Max Flow Rate, 1 Cartridge, Commercial Non-Metallic Water Filter Housing (Watts Big Bubba® PWWJCHSG)	2,133.86	179.41

22 32 16 00-0051 Commercial Water Filter Cartridges *(22 32 16 00-0048)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 32 16 00-0052		Carbon Water Filter Cartridges *(22 32 16 00-0051)*		
22 32 16 00-0053	EA	Activated 26-1/4" Length, Carbon Water Filter Cartridge (Watts Big Bubba® PWWJCAC5)	713.21	2.40
22 32 16 00-0054		(Depth) Water Filter Cartridges *(22 32 16 00-0051)*		
22 32 16 00-0055	EA	50 Micron, 26-1/4" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Big Bubba® PWWJCMB50)	147.49	2.40
22 32 16 00-0056	EA	20 Micron, 26-1/4" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Big Bubba® PWWJCMB20)	146.35	2.40
22 32 16 00-0057	EA	5 Micron, 26-1/4" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Big Bubba® PWWJCMB5)	146.35	2.40
22 32 16 00-0058	EA	1 Micron, 26-1/4" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Big Bubba® PWWJCMB1)	167.96	2.40
22 32 16 00-0059		Pleated Water Filter Cartridges *(22 32 16 00-0051)*		
22 32 16 00-0060	EA	150 Micron, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCM150)	391.40	2.40
22 32 16 00-0061	EA	50 Micron, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCP50)	367.52	2.40
22 32 16 00-0062	EA	20 Micron, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCP20)	400.50	2.40
22 32 16 00-0063	EA	5 Micron, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCP5)	419.83	2.40
22 32 16 00-0064	EA	1 Micron, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCP1)	447.12	2.40
22 32 16 00-0065	EA	1 Absolute, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCP1AB)	484.65	2.40

22 33 Electric Domestic Water Heaters *(22 30)*

22 33 13 Instantaneous Electric Domestic Water Heaters *(22 33)*

22 33 13 13 Flow-Control, Instantaneous Electric Domestic Water Heaters *(22 33 13)*

22 33 13 13-0001		Flow Controlled, Instantaneous, Tankless, Electric Domestic Water Heaters *(22 33 13 13)*		
22 33 13 13-0002	EA	3 To 10 KW Flow Controlled, Instantaneous, Tankless, Electric Domestic Water Heater (Eemax EX3012, EX48, EX65, EX75, EX95)	579.80	59.78
22 33 13 13-0003	EA	7.2 KW, 0.75 GPM, Instantaneous, Tankless, Electric Domestic Water Heater (Bosch RP7P)	630.37	59.78

22 33 13 16 Thermostat-Control, Instantaneous Electric Domestic Water Heaters *(22 33 13)*

22 33 13 16-0001		Thermostat Controlled, Instantaneous, Tankless, Electric Domestic Water Heaters *(22 33 13 16)* Note: Temperature rise decreases with increased flow rate.		
22 33 13 16-0002	EA	3 To 10 KW Thermostat-Control, Instantaneous, Tankless, Electric Domestic Water Heater (Eemax EX3012T, EX48T, EX65T, EX75T, EX95T, EX012240T)	767.16	89.66
22 33 13 16-0003	EA	12 KW, 2.0 GPM, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Bosch PowerStar AE12)	792.90	119.55
22 33 13 16-0004	EA	17.25 KW, 2.3 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Bosch PowerStar AE115)	1,341.68	209.23
22 33 13 16-0005	EA	26.85 KW, 4.0 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Bosch PowerStar AE125)	2,047.70	239.11
22 33 13 16-0006	EA	12 KW, 1.6 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 12 Plus)	1,571.33	119.55
22 33 13 16-0007	EA	14.4 KW, 2.3 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 15 Plus)	2,142.67	179.34
22 33 13 16-0008	EA	19.2 KW, 2.8 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 20 Plus)	2,349.49	239.11
22 33 13 16-0009	EA	24 KW, 3.3 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 24 Plus)	2,441.90	239.11
22 33 13 16-0010	EA	28.8 KW, 4.5 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 29 Plus)	2,529.17	239.11
22 33 13 16-0011	EA	36 KW, 4.5 GPM At 55 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 36 Plus)	2,657.52	239.11

22 33 30 Residential, Electric Domestic Water Heaters *(22 33)*

22 33 30 13 Residential, Small-Capacity Electric Domestic Water Heaters *(22 33 30)*

22 33 30 13-0001		Small-Capacity, Electric Domestic Water Heaters (A.O. Smith ProMax) *(22 33 30 13)* Note: Includes glass lined tank, drain valve and temperature and pressure relief valve. Excludes electrical connections.		
22 33 30 13-0002	EA	2 Gallon, Small-Capacity, Electric Domestic Water Heater	1,054.12	188.30
22 33 30 13-0003	EA	10 Gallon, Small-Capacity, Electric Domestic Water Heater	1,303.92	200.26
22 33 30 13-0004	EA	20 Gallon, Small-Capacity, Electric Domestic Water Heater	1,547.73	209.23

22 33 30 16 Residential, Storage Electric Domestic Water Heaters *(22 33 30)*

22 33 30 16-0001		Electric Domestic Water Heaters (A.O. Smith ProMax) *(22 33 30 16)* Note: Includes glass lined tank, drain valve and temperature and pressure relief valve. Excludes electrical connections.		
22 33 30 16-0002	EA	30 Gallon, Electric Domestic Water Heater	1,658.14	209.23
22 33 30 16-0003	EA	40 Gallon, Electric Domestic Water Heater	1,554.05	215.20
22 33 30 16-0004	EA	50 Gallon, Electric Domestic Water Heater	1,526.47	221.18
22 33 30 16-0005	EA	55 Gallon, Electric Domestic Water Heater	1,711.04	224.17
22 33 30 16-0006	EA	66 Gallon, Electric Domestic Water Heater	2,515.72	230.14

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 33 30 16-0007	EA	80 Gallon, Electric Domestic Water Heater	2,561.89	239.11
22 33 30 16-0008	EA	120 Gallon, Electric Domestic Water Heater	3,427.98	254.05
22 33 30 16-0009		Low-Boy, Electric Domestic Water Heaters (A.O. Smith ProMax) *(22 33 30 16)*		
		Note: Includes glass lined tank, drain valve and temperature and pressure relief valve. Excludes electrical connections.		
22 33 30 16-0010	EA	30 Gallon, Low-Boy, Electric Domestic Water Heater	1,784.92	209.23
22 33 30 16-0011	EA	40 Gallon, Low-Boy, Electric Domestic Water Heater	1,695.23	215.20
22 33 30 16-0012	EA	50 Gallon, Low-Boy, Electric Domestic Water Heater	1,797.53	221.18
22 33 30 16-0013		High Efficiency, Electric Domestic Water Heaters (A.O. Smith Conservationist) *(22 33 30 16)*		
		Note: Includes .95 energy factor glass lined tank, drain valve and temperature and pressure relief valve. Excludes electrical connections.		
22 33 30 16-0014	EA	40 Gallon, High Efficiency, Electric Domestic Water Heater	1,843.32	215.20
22 33 30 16-0015	EA	50 Gallon, High Efficiency, Electric Domestic Water Heater	2,017.77	221.18
22 33 30 16-0016	EA	66 Gallon, High Efficiency, Electric Domestic Water Heater	2,495.82	230.14
22 33 30 16-0017	EA	80 Gallon, High Efficiency, Electric Domestic Water Heater	2,717.04	239.11
22 33 30 16-0018		Water Heater Accessories *(22 33 30 16)*		
22 33 30 16-0019	EA	2 Gallon, Expansion Pressure Tank For Water Heaters	142.64	11.96
22 33 30 16-0020	EA	4.4 Gallon, Expansion Pressure Tank For Water Heaters	169.13	11.96
22 33 30 16-0021	EA	7.6 Gallon, Expansion Pressure Tank For Water Heaters	332.78	11.96
22 33 30 16-0022	EA	14 Gallon, Expansion Pressure Tank For Water Heaters	447.96	11.96
22 33 30 16-0023	EA	20" Diameter, 2-1/2" Deep, Aluminum Water Heater Drain Pan	77.49	8.97
22 33 30 16-0024	EA	22" Diameter, 2-1/2" Deep, Aluminum Water Heater Drain Pan	84.66	8.97
22 33 30 16-0025	EA	24" Diameter, 2-1/2" Deep, Aluminum Water Heater Drain Pan	89.45	8.97
22 33 30 16-0026	EA	26" Diameter, 2-1/2" Deep, Aluminum Water Heater Drain Pan	106.19	8.97
22 33 30 16-0027	EA	22" Diameter, 2-1/2" Deep, Polyethylene Water Heater Drain Pan	41.49	8.97
22 33 30 16-0028	EA	24" Diameter, 2-1/2" Deep, Polyethylene Water Heater Drain Pan	45.32	8.97
22 33 30 16-0029	EA	26" Diameter, 2-1/2" Deep, Polyethylene Water Heater Drain Pan	50.70	8.97
22 33 30 16-0030	EA	28" Diameter, 2-1/2" Deep, Polyethylene Water Heater Drain Pan	57.62	8.97
22 33 30 16-0031	EA	Earthquake Straps For Up To 80 Gallon Water Heater	63.01	11.96
22 33 30 23		**Residential, Collector-To-Tank, Solar-Electric Domestic Water Heaters** *(22 33 30)*		
22 33 30 23-0001		Solar Electric Domestic Water Heaters (A.O. Smith CIRREX) *(22 33 30 23)*		
		Note: Includes glass lined tank, drain valve and temperature and pressure relief valve. Excludes electrical connections.		
22 33 30 23-0002	EA	80 Gallon, Solar Electric Domestic Water Heater	4,256.70	239.11
22 33 30 23-0003	EA	120 Gallon, Solar Electric Domestic Water Heater	5,112.10	254.05
22 33 33		**Light-Commercial Electric Domestic Water Heaters** *(22 33)*		
22 33 33 00-0001		Water Heater Accessories *(22 33 33)*		
22 33 33 00-0002	EA	Up To 80 Gallon Water Heater Strap	50.43	
		Note: Includes (4) Straps (4) J-Clips (4) Lag Bolts (2) 3/8" Carraige Bolts (2) 3/8" Hex Nuts		
22 33 33 00-0003	EA	>80 To 120 Gallon Water Heater Strap	73.96	
		Note: Includes (4) Straps (4) J-Clips (4) Lag Bolts (2) 3/8" Carraige Bolts (2) 3/8" Hex Nuts		
22 33 33 00-0004		Removal And Reinstallation Of Water Heater *(22 33 33)*		
		Note: Includes storage and cleaning.		
22 33 33 00-0005	EA	Removal And Reinstallation Of Water Heater Electric, Up To 82 Gallon	398.52	
22 33 33 00-0006	EA	Removal And Reinstallation Of Water Heater Electric, 83 Gallon To 200 Gallon	1,195.55	
22 33 36		**Commercial Domestic Water Electric Booster Heaters** *(22 33)*		
22 33 36 16		**Commercial Storage Electric Domestic Water Heaters** *(22 33 36)*		
22 33 36 16-0001		Commercial Storage Electric Domestic Water Heaters *(22 33 36 16)*		
22 33 36 16-0002	EA	150 Gallon, 15 KW, 480 Voltage, Commercial Electric Water Heater	41,244.36	794.26
22 33 36 16-0003	EA	150 Gallon, 30 KW, 480 Voltage, Commercial Electric Water Heater	43,278.79	794.26
22 33 36 16-0004	EA	150 Gallon, 45 KW, 480 Voltage, Commercial Electric Water Heater	45,313.24	794.26
22 33 36 16-0005	EA	150 Gallon, 60 KW, 480 Voltage, Commercial Electric Water Heater	47,347.67	794.26
22 33 36 16-0006	EA	150 Gallon, 90 KW, 480 Voltage, Commercial Electric Water Heater	51,416.53	794.26
22 33 36 16-0007	EA	150 Gallon, 120 KW, 480 Voltage, Commercial Electric Water Heater	55,485.41	794.26
22 33 36 16-0008	EA	150 Gallon, 144 KW, 480 Voltage, Commercial Electric Water Heater	58,740.51	794.26
22 33 36 16-0009	EA	200 Gallon, 15 KW, 480 Voltage, Commercial Electric Water Heater	43,932.38	933.26
22 33 36 16-0010	EA	200 Gallon, 30 KW, 480 Voltage, Commercial Electric Water Heater	45,982.46	933.26
22 33 36 16-0011	EA	200 Gallon, 45 KW, 480 Voltage, Commercial Electric Water Heater	48,032.55	933.26
22 33 36 16-0012	EA	200 Gallon, 60 KW, 480 Voltage, Commercial Electric Water Heater	50,082.63	933.26
22 33 36 16-0013	EA	200 Gallon, 90 KW, 480 Voltage, Commercial Electric Water Heater	54,182.80	933.26
22 33 36 16-0014	EA	200 Gallon, 120 KW, 480 Voltage, Commercial Electric Water Heater	58,282.97	933.26
22 33 36 16-0015	EA	200 Gallon, 144 KW, 480 Voltage, Commercial Electric Water Heater	61,563.11	933.26
22 33 36 16-0016	EA	200 Gallon, 180 KW, 480 Voltage, Commercial Electric Water Heater	66,483.30	933.26

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 33 36 16-0017	EA	250 Gallon, 15 KW, 480 Voltage, Commercial Electric Water Heater	45,614.62	1,062.33
22 33 36 16-0018	EA	250 Gallon, 30 KW, 480 Voltage, Commercial Electric Water Heater	47,635.14	1,062.33
22 33 36 16-0019	EA	250 Gallon, 45 KW, 480 Voltage, Commercial Electric Water Heater	49,655.67	1,062.33
22 33 36 16-0020	EA	250 Gallon, 60 KW, 480 Voltage, Commercial Electric Water Heater	51,676.19	1,062.33
22 33 36 16-0021	EA	250 Gallon, 90 KW, 480 Voltage, Commercial Electric Water Heater	55,717.24	1,062.33
22 33 36 16-0022	EA	250 Gallon, 120 KW, 480 Voltage, Commercial Electric Water Heater	59,758.29	1,062.33
22 33 36 16-0023	EA	250 Gallon, 144 KW, 480 Voltage, Commercial Electric Water Heater	63,799.34	1,062.33
22 33 36 16-0024	EA	250 Gallon, 180 KW, 480 Voltage, Commercial Electric Water Heater	68,648.60	1,062.33
22 33 36 16-0025	EA	250 Gallon, 216 KW, 480 Voltage, Commercial Electric Water Heater	73,497.85	1,062.33
22 33 36 16-0026	EA	300 Gallon, 30 KW, 480 Voltage, Commercial Electric Water Heater	50,314.18	1,221.19
22 33 36 16-0027	EA	300 Gallon, 45 KW, 480 Voltage, Commercial Electric Water Heater	52,347.64	1,221.19
22 33 36 16-0028	EA	300 Gallon, 60 KW, 480 Voltage, Commercial Electric Water Heater	54,381.09	1,221.19
22 33 36 16-0029	EA	300 Gallon, 90 KW, 480 Voltage, Commercial Electric Water Heater	58,448.01	1,221.19
22 33 36 16-0030	EA	300 Gallon, 120 KW, 480 Voltage, Commercial Electric Water Heater	62,514.92	1,221.19
22 33 36 16-0031	EA	300 Gallon, 144 KW, 480 Voltage, Commercial Electric Water Heater	65,768.45	1,221.19
22 33 36 16-0032	EA	300 Gallon, 180 KW, 480 Voltage, Commercial Electric Water Heater	72,004.39	1,221.19
22 33 36 16-0033	EA	300 Gallon, 216 KW, 480 Voltage, Commercial Electric Water Heater	76,884.68	1,221.19
22 33 36 16-0034	EA	300 Gallon, 234 KW, 480 Voltage, Commercial Electric Water Heater	79,324.83	1,221.19
22 33 36 16-0035	EA	300 Gallon, 252 KW, 480 Voltage, Commercial Electric Water Heater	81,764.98	1,221.19
22 33 36 16-0036	EA	300 Gallon, 270 KW, 480 Voltage, Commercial Electric Water Heater	84,205.13	1,221.19
22 33 36 16-0037	EA	350 Gallon, 30 KW, 480 Voltage, Commercial Electric Water Heater	55,844.94	1,439.61
22 33 36 16-0038	EA	350 Gallon, 45 KW, 480 Voltage, Commercial Electric Water Heater	57,750.50	1,439.61
22 33 36 16-0039	EA	350 Gallon, 60 KW, 480 Voltage, Commercial Electric Water Heater	59,656.07	1,439.61
22 33 36 16-0040	EA	350 Gallon, 90 KW, 480 Voltage, Commercial Electric Water Heater	63,467.19	1,439.61
22 33 36 16-0041	EA	350 Gallon, 120 KW, 480 Voltage, Commercial Electric Water Heater	67,278.31	1,439.61
22 33 36 16-0042	EA	350 Gallon, 144 KW, 480 Voltage, Commercial Electric Water Heater	70,327.21	1,439.61
22 33 36 16-0043	EA	350 Gallon, 180 KW, 480 Voltage, Commercial Electric Water Heater	74,900.56	1,439.61
22 33 36 16-0044	EA	350 Gallon, 216 KW, 480 Voltage, Commercial Electric Water Heater	79,473.90	1,439.61
22 33 36 16-0045	EA	350 Gallon, 234 KW, 480 Voltage, Commercial Electric Water Heater	81,760.58	1,439.61
22 33 36 16-0046	EA	350 Gallon, 252 KW, 480 Voltage, Commercial Electric Water Heater	84,047.25	1,439.61
22 33 36 16-0047	EA	350 Gallon, 270 KW, 480 Voltage, Commercial Electric Water Heater	86,333.92	1,439.61
22 33 36 16-0048	EA	350 Gallon, 297 KW, 480 Voltage, Commercial Electric Water Heater	89,763.94	1,439.61
22 33 36 16-0049	EA	400 Gallon, 30 KW, 480 Voltage, Commercial Electric Water Heater	61,236.70	1,588.53
22 33 36 16-0050	EA	400 Gallon, 45 KW, 480 Voltage, Commercial Electric Water Heater	63,591.07	1,588.53
22 33 36 16-0051	EA	400 Gallon, 60 KW, 480 Voltage, Commercial Electric Water Heater	65,945.44	1,588.53
22 33 36 16-0052	EA	400 Gallon, 90 KW, 480 Voltage, Commercial Electric Water Heater	70,654.17	1,588.53
22 33 36 16-0053	EA	400 Gallon, 120 KW, 480 Voltage, Commercial Electric Water Heater	75,362.90	1,588.53
22 33 36 16-0054	EA	400 Gallon, 144 KW, 480 Voltage, Commercial Electric Water Heater	79,129.89	1,588.53
22 33 36 16-0055	EA	400 Gallon, 180 KW, 480 Voltage, Commercial Electric Water Heater	84,780.37	1,588.53
22 33 36 16-0056	EA	400 Gallon, 216 KW, 480 Voltage, Commercial Electric Water Heater	90,430.85	1,588.53
22 33 36 16-0057	EA	400 Gallon, 234 KW, 480 Voltage, Commercial Electric Water Heater	93,256.08	1,588.53
22 33 36 16-0058	EA	400 Gallon, 252 KW, 480 Voltage, Commercial Electric Water Heater	96,081.32	1,588.53
22 33 36 16-0059	EA	400 Gallon, 270 KW, 480 Voltage, Commercial Electric Water Heater	98,906.57	1,588.53
22 33 36 16-0060	EA	400 Gallon, 306 KW, 480 Voltage, Commercial Electric Water Heater	104,557.04	1,588.53
22 33 36 16-0061	EA	400 Gallon, 324 KW, 480 Voltage, Commercial Electric Water Heater	107,382.28	1,588.53
22 33 36 16-0062	EA	500 Gallon, 30 KW, 480 Voltage, Commercial Electric Water Heater	71,493.03	1,787.10
22 33 36 16-0063	EA	500 Gallon, 45 KW, 480 Voltage, Commercial Electric Water Heater	74,002.13	1,787.10
22 33 36 16-0064	EA	500 Gallon, 60 KW, 480 Voltage, Commercial Electric Water Heater	76,511.22	1,787.10
22 33 36 16-0065	EA	500 Gallon, 90 KW, 480 Voltage, Commercial Electric Water Heater	81,529.42	1,787.10
22 33 36 16-0066	EA	500 Gallon, 120 KW, 480 Voltage, Commercial Electric Water Heater	86,547.62	1,787.10
22 33 36 16-0067	EA	500 Gallon, 144 KW, 480 Voltage, Commercial Electric Water Heater	90,562.17	1,787.10
22 33 36 16-0068	EA	500 Gallon, 180 KW, 480 Voltage, Commercial Electric Water Heater	96,584.01	1,787.10
22 33 36 16-0069	EA	500 Gallon, 216 KW, 480 Voltage, Commercial Electric Water Heater	102,605.85	1,787.10
22 33 36 16-0070	EA	500 Gallon, 234 KW, 480 Voltage, Commercial Electric Water Heater	105,616.76	1,787.10
22 33 36 16-0071	EA	500 Gallon, 252 KW, 480 Voltage, Commercial Electric Water Heater	108,627.68	1,787.10
22 33 36 16-0072	EA	500 Gallon, 270 KW, 480 Voltage, Commercial Electric Water Heater	111,638.60	1,787.10
22 33 36 16-0073	EA	500 Gallon, 306 KW, 480 Voltage, Commercial Electric Water Heater	117,660.44	1,787.10
22 33 36 16-0074	EA	500 Gallon, 324 KW, 480 Voltage, Commercial Electric Water Heater	120,671.36	1,787.10
22 33 36 16-0075	EA	500 Gallon, 360 KW, 480 Voltage, Commercial Electric Water Heater	126,693.19	1,787.10
22 33 36 16-0076	EA	500 Gallon, 396 KW, 480 Voltage, Commercial Electric Water Heater	132,715.02	1,787.10
22 33 36 16-0077	EA	600 Gallon, 30 KW, 480 Voltage, Commercial Electric Water Heater	83,940.26	1,985.66
22 33 36 16-0078	EA	600 Gallon, 45 KW, 480 Voltage, Commercial Electric Water Heater	86,857.53	1,985.66
22 33 36 16-0079	EA	600 Gallon, 60 KW, 480 Voltage, Commercial Electric Water Heater	89,774.81	1,985.66
22 33 36 16-0080	EA	600 Gallon, 90 KW, 480 Voltage, Commercial Electric Water Heater	95,609.34	1,985.66
22 33 36 16-0081	EA	600 Gallon, 120 KW, 480 Voltage, Commercial Electric Water Heater	101,443.89	1,985.66
22 33 36 16-0082	EA	600 Gallon, 144 KW, 480 Voltage, Commercial Electric Water Heater	106,111.52	1,985.66
22 33 36 16-0083	EA	600 Gallon, 180 KW, 480 Voltage, Commercial Electric Water Heater	112,133.36	1,985.66
22 33 36 16-0084	EA	600 Gallon, 216 KW, 480 Voltage, Commercial Electric Water Heater	119,134.81	1,985.66
22 33 36 16-0085	EA	600 Gallon, 234 KW, 480 Voltage, Commercial Electric Water Heater	122,635.54	1,985.66
22 33 36 16-0086	EA	600 Gallon, 252 KW, 480 Voltage, Commercial Electric Water Heater	126,136.26	1,985.66
22 33 36 16-0087	EA	600 Gallon, 270 KW, 480 Voltage, Commercial Electric Water Heater	129,636.98	1,985.66
22 33 36 16-0088	EA	600 Gallon, 306 KW, 480 Voltage, Commercial Electric Water Heater	137,618.05	1,985.66
22 33 36 16-0089	EA	600 Gallon, 324 KW, 480 Voltage, Commercial Electric Water Heater	144,619.50	1,985.66
22 33 36 16-0090	EA	600 Gallon, 360 KW, 480 Voltage, Commercial Electric Water Heater	148,120.23	1,985.66
22 33 36 16-0091	EA	600 Gallon, 396 KW, 480 Voltage, Commercial Electric Water Heater	155,121.67	1,985.66
22 33 36 16-0092	EA	800 Gallon, 60 KW, 480 Voltage, Commercial Electric Water Heater	96,773.05	2,650.86
22 33 36 16-0093	EA	800 Gallon, 90 KW, 480 Voltage, Commercial Electric Water Heater	102,717.95	2,650.86
22 33 36 16-0094	EA	800 Gallon, 120 KW, 480 Voltage, Commercial Electric Water Heater	108,662.85	2,650.86
22 33 36 16-0095	EA	800 Gallon, 144 KW, 480 Voltage, Commercial Electric Water Heater	113,418.77	2,650.86
22 33 36 16-0096	EA	800 Gallon, 180 KW, 480 Voltage, Commercial Electric Water Heater	120,552.66	2,650.86
22 33 36 16-0097	EA	800 Gallon, 216 KW, 480 Voltage, Commercial Electric Water Heater	127,686.53	2,650.86

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 33 36 16-0098	EA	800 Gallon, 234 KW, 480 Voltage, Commercial Electric Water Heater	131,253.48	2,650.86
22 33 36 16-0099	EA	800 Gallon, 252 KW, 480 Voltage, Commercial Electric Water Heater	134,820.42	2,650.86
22 33 36 16-0100	EA	800 Gallon, 270 KW, 480 Voltage, Commercial Electric Water Heater	138,387.35	2,650.86
22 33 36 16-0101	EA	800 Gallon, 306 KW, 480 Voltage, Commercial Electric Water Heater	145,521.24	2,650.86
22 33 36 16-0102	EA	800 Gallon, 324 KW, 480 Voltage, Commercial Electric Water Heater	152,655.13	2,650.86
22 33 36 16-0103	EA	800 Gallon, 360 KW, 480 Voltage, Commercial Electric Water Heater	156,222.06	2,650.86
22 33 36 16-0104	EA	800 Gallon, 396 KW, 480 Voltage, Commercial Electric Water Heater	163,355.95	2,650.86
22 33 36 16-0105	EA	1,000 Gallon, 60 KW, 480 Voltage, Commercial Electric Water Heater	113,290.02	3,405.41
22 33 36 16-0106	EA	1,000 Gallon, 90 KW, 480 Voltage, Commercial Electric Water Heater	118,379.92	3,405.41
22 33 36 16-0107	EA	1,000 Gallon, 120 KW, 480 Voltage, Commercial Electric Water Heater	123,469.82	3,405.41
22 33 36 16-0108	EA	1,000 Gallon, 144 KW, 480 Voltage, Commercial Electric Water Heater	127,541.75	3,405.41
22 33 36 16-0109	EA	1,000 Gallon, 180 KW, 480 Voltage, Commercial Electric Water Heater	133,649.64	3,405.41
22 33 36 16-0110	EA	1,000 Gallon, 216 KW, 480 Voltage, Commercial Electric Water Heater	139,757.53	3,405.41
22 33 36 16-0111	EA	1,000 Gallon, 234 KW, 480 Voltage, Commercial Electric Water Heater	142,811.46	3,405.41
22 33 36 16-0112	EA	1,000 Gallon, 252 KW, 480 Voltage, Commercial Electric Water Heater	145,865.41	3,405.41
22 33 36 16-0113	EA	1,000 Gallon, 270 KW, 480 Voltage, Commercial Electric Water Heater	148,919.35	3,405.41
22 33 36 16-0114	EA	1,000 Gallon, 306 KW, 480 Voltage, Commercial Electric Water Heater	155,027.23	3,405.41
22 33 36 16-0115	EA	1,000 Gallon, 324 KW, 480 Voltage, Commercial Electric Water Heater	161,135.12	3,405.41
22 33 36 16-0116	EA	1,000 Gallon, 360 KW, 480 Voltage, Commercial Electric Water Heater	164,189.06	3,405.41
22 33 36 16-0117	EA	1,000 Gallon, 396 KW, 480 Voltage, Commercial Electric Water Heater	170,296.94	3,405.41
22 33 36 16-0118	EA	1,250 Gallon, 60 KW, 480 Voltage, Commercial Electric Water Heater	125,694.19	3,971.32
22 33 36 16-0119	EA	1,250 Gallon, 90 KW, 480 Voltage, Commercial Electric Water Heater	130,371.29	3,971.32
22 33 36 16-0120	EA	1,250 Gallon, 120 KW, 480 Voltage, Commercial Electric Water Heater	135,048.39	3,971.32
22 33 36 16-0121	EA	1,250 Gallon, 144 KW, 480 Voltage, Commercial Electric Water Heater	138,790.07	3,971.32
22 33 36 16-0122	EA	1,250 Gallon, 180 KW, 480 Voltage, Commercial Electric Water Heater	144,402.60	3,971.32
22 33 36 16-0123	EA	1,250 Gallon, 216 KW, 480 Voltage, Commercial Electric Water Heater	150,015.12	3,971.32
22 33 36 16-0124	EA	1,250 Gallon, 234 KW, 480 Voltage, Commercial Electric Water Heater	152,821.38	3,971.32
22 33 36 16-0125	EA	1,250 Gallon, 252 KW, 480 Voltage, Commercial Electric Water Heater	155,627.64	3,971.32
22 33 36 16-0126	EA	1,250 Gallon, 270 KW, 480 Voltage, Commercial Electric Water Heater	158,433.91	3,971.32
22 33 36 16-0127	EA	1,250 Gallon, 306 KW, 480 Voltage, Commercial Electric Water Heater	164,046.42	3,971.32
22 33 36 16-0128	EA	1,250 Gallon, 324 KW, 480 Voltage, Commercial Electric Water Heater	169,658.94	3,971.32
22 33 36 16-0129	EA	1,250 Gallon, 360 KW, 480 Voltage, Commercial Electric Water Heater	172,465.20	3,971.32
22 33 36 16-0130	EA	1,250 Gallon, 396 KW, 480 Voltage, Commercial Electric Water Heater	178,077.73	3,971.32
22 33 36 16-0131	EA	1,250 Gallon, 432 KW, 480 Voltage, Commercial Electric Water Heater	183,690.25	3,971.32
22 33 36 16-0132	EA	1,500 Gallon, 60 KW, 480 Voltage, Commercial Electric Water Heater	137,892.29	4,765.60
22 33 36 16-0133	EA	1,500 Gallon, 90 KW, 480 Voltage, Commercial Electric Water Heater	142,411.08	4,765.60
22 33 36 16-0134	EA	1,500 Gallon, 120 KW, 480 Voltage, Commercial Electric Water Heater	146,929.88	4,765.60
22 33 36 16-0135	EA	1,500 Gallon, 144 KW, 480 Voltage, Commercial Electric Water Heater	150,544.91	4,765.60
22 33 36 16-0136	EA	1,500 Gallon, 180 KW, 480 Voltage, Commercial Electric Water Heater	155,967.46	4,765.60
22 33 36 16-0137	EA	1,500 Gallon, 216 KW, 480 Voltage, Commercial Electric Water Heater	161,390.02	4,765.60
22 33 36 16-0138	EA	1,500 Gallon, 234 KW, 480 Voltage, Commercial Electric Water Heater	164,101.29	4,765.60
22 33 36 16-0139	EA	1,500 Gallon, 252 KW, 480 Voltage, Commercial Electric Water Heater	166,812.57	4,765.60
22 33 36 16-0140	EA	1,500 Gallon, 270 KW, 480 Voltage, Commercial Electric Water Heater	169,523.84	4,765.60
22 33 36 16-0141	EA	1,500 Gallon, 306 KW, 480 Voltage, Commercial Electric Water Heater	174,946.40	4,765.60
22 33 36 16-0142	EA	1,500 Gallon, 324 KW, 480 Voltage, Commercial Electric Water Heater	180,368.95	4,765.60
22 33 36 16-0143	EA	1,500 Gallon, 360 KW, 480 Voltage, Commercial Electric Water Heater	183,080.22	4,765.60
22 33 36 16-0144	EA	1,500 Gallon, 396 KW, 480 Voltage, Commercial Electric Water Heater	188,502.77	4,765.60
22 33 36 16-0145	EA	1,500 Gallon, 432 KW, 480 Voltage, Commercial Electric Water Heater	193,925.33	4,765.60

22 34 Fuel-Fired Domestic Water Heaters *(22 30)*

22 34 13 Instantaneous, Tankless, Gas Domestic Water Heaters *(22 34)*

22 34 13 00-0001 Instantaneous, Tankless, Gas Domestic Water Heaters *(22 34 13)*

22 34 13 00-0002 Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heaters *(22 34 13 00-0001)*

Note: Includes vent connection. Excludes vent.

22 34 13 00-0003	EA	4.2 GPM, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-42PVN)	2,346.02	239.11
22 34 13 00-0004	EA	5.3 GPM, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-53PVN)	2,547.68	242.10
22 34 13 00-0005	EA	5.3 GPM, Direct Vent, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-53DVN)	2,808.68	248.07
22 34 13 00-0006	EA	6.6 GPM, Direct Vent, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-66DVN)	3,300.64	254.05
22 34 13 00-0007	EA	7.4 GPM, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-74PVN)	4,028.13	269.00
22 34 13 00-0008	EA	7.4 GPM, Direct Vent, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-74DVN)	4,117.07	269.00

22 34 13 00-0009 Outdoor Mount, Instantaneous, Tankless, Gas Domestic Water Heaters *(22 34 13 00-0001)*

22 34 13 00-0010	EA	5.3 GPM, Outdoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-53XN)	2,541.70	239.11
22 34 13 00-0011	EA	7.4 GPM, Outdoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-74XN)	4,028.13	269.00

22 34 30 Residential Gas Domestic Water Heaters *(22 34)*

22 34 30 13 Residential, Atmospheric, Gas Domestic Water Heaters *(22 34 30)*

22 34 30 13-0001 Atmospheric, Gas Domestic Water Heaters (A.O. Smith ProMax) *(22 34 30 13)*

Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 34 30 13-0002	EA	30 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smith GCV-30)	1,730.76	230.14
22 34 30 13-0003	EA	40 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smith GCV-40)	1,694.72	236.12
22 34 30 13-0004	EA	50 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smith GCVX-50)	2,291.16	242.10
22 34 30 13-0005	EA	65 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smiith GCV-65)	2,486.79	248.07
22 34 30 13-0006	EA	75 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smith FCG-75)	2,724.49	254.05
22 34 30 13-0007	EA	100 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smith FCG-100)	4,084.43	269.00

22 34 30 16 Residential, Direct-Vent, Gas Domestic Water Heaters *(22 34 30)*

22 34 30 16-0001 Direct-Vent, Gas Domestic Water Heaters (A.O. Smith ProMax) *(22 34 30 16)*

Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.

22 34 30 16-0002	EA	40 Gallon, Direct-Vent, Gas Domestic Water Heater (A. O. Smith GDV-40)	3,260.83	236.12
22 34 30 16-0003	EA	50 Gallon, Direct-Vent, Gas Domestic Water Heater (A. O. Smith GDV-50)	3,731.19	242.10
22 34 30 16-0004	EA	75 Gallon, Direct-Vent, Gas Domestic Water Heater (A. O. Smith GDV-75)	4,887.41	248.07

22 34 30 19 Residential, Power-Vent, Gas Domestic Water Heaters *(22 34 30)*

22 34 30 19-0001 Power-Vent, Gas Domestic Water Heaters (A.O. Smith ProMax) *(22 34 30 19)*

Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.

22 34 30 19-0002	EA	40 Gallon, Power-Vent, Gas Domestic Water Heater (A. O. Smith GPVH-40)	2,951.22	236.12
22 34 30 19-0003	EA	50 Gallon, Power-Vent, Gas Domestic Water Heater (A. O. Smith GPVH-50)	3,076.11	242.10

22 34 36 Commercial Gas Domestic Water Heaters *(22 34)*

22 34 36 13 Commercial, Atmospheric, Gas Domestic Water Heaters *(22 34 36)*

22 34 36 13-0001 Gas Fired Commercial Water Heaters (A.O. Smith BTR) *(22 34 36 13)*

Note: Includes automatic flue damper, glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.

22 34 36 13-0002	EA	120 MBH Input, 71 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-120)	7,102.75	358.67
22 34 36 13-0003	EA	154 MBH Input, 81 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-154)	7,576.19	418.44
22 34 36 13-0004	EA	180 MBH Input, 81 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-180)	9,380.52	478.22
22 34 36 13-0005	EA	199 MBH Input, 81 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-199)	8,103.48	478.22
22 34 36 13-0006	EA	199 MBH Input, 100 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-200)	9,328.35	478.22
22 34 36 13-0007	EA	199 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-200A)	12,458.30	526.05
22 34 36 13-0008	EA	250 MBH Input, 100 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-250)	9,021.57	538.00
22 34 36 13-0009	EA	250 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-250A)	13,415.38	591.80
22 34 36 13-0010	EA	251 MBH Input, 65 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-251)	9,163.10	538.00
22 34 36 13-0011	EA	251 MBH Input, 65 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-251A)	12,791.99	591.80
22 34 36 13-0012	EA	275 MBH Input, 100 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-275)	10,143.53	657.56
22 34 36 13-0013	EA	275 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-275A)	13,981.68	723.31
22 34 36 13-0014	EA	305 MBH Input, 65 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-305)	11,424.01	657.56
22 34 36 13-0015	EA	305 MBH Input, 65 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-305A)	14,065.92	723.31
22 34 36 13-0016	EA	365 MBH Input, 85 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-365)	11,038.18	717.33
22 34 36 13-0017	EA	365 MBH Input, 85 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-365A)	15,528.45	789.07
22 34 36 13-0018	EA	390 MBH Input, 100 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-400)	14,053.96	717.33
22 34 36 13-0019	EA	390 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-400A)	18,426.36	789.07
22 34 36 13-0020	EA	500 MBH Input, 85 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-500)	18,351.89	777.11
22 34 36 13-0021	EA	150 MBH Input, 32 Gallon, Booster Type, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-151)	9,159.87	418.44
22 34 36 13-0022	EA	150 MBH Input, 32 Gallon, ASME Rated Tank, Booster Type, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-151A)	10,995.78	460.29
22 34 36 13-0023	EA	199 MBH Input, 32 Gallon, Booster Type, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-201)	9,515.30	478.22
22 34 36 13-0024	EA	199 MBH Input, 32 Gallon, ASME Rated Tank, Booster Type, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-201A)	11,413.71	526.05
22 34 36 13-0025	EA	Sidewall Power Vent System For BTR-120 through BTR-200	2,282.53	298.89
22 34 36 13-0026	EA	Sidewall Power Vent System For BTR-250 through BTR-500	2,501.55	298.89

22 34 36 13-0027 Removal And Reinstallation Of Water Heater *(22 34 36 13)*

Note: Includes storage and cleaning.

22 34 36 13-0028	EA	Removal And Reinstallation Of Water Heater Gas Fired, Up To 86 Gallon	543.43	
22 34 36 13-0029	EA	Removal And Reinstallation Of Water Heater Gas Fired, 87 Gallon To 200 Gallon	1,436.97	

22 34 36 19 Commercial, Power-Vent, Gas Domestic Water Heaters *(22 34 36)*

22 34 36 19-0001 Induced Draft Blower Gas Fired Commercial Water Heaters (A.O. Smith BTN) *(22 34 36 19)*

Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 34 36 19-0002	EA	90 MBH Input, 98 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-100)	5,771.74	358.67
22 34 36 19-0003	EA	120 MBH Input, 71 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-120)	8,282.13	358.67
22 34 36 19-0004	EA	154 MBH Input, 81 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-154)	10,103.37	418.44
22 34 36 19-0005	EA	180 MBH Input, 99 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-180)	10,509.35	478.22
22 34 36 19-0006	EA	199 MBH Input, 99 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-199)	10,559.90	478.22
22 34 36 19-0007	EA	199 MBH Input, 100 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-200)	10,795.77	478.22
22 34 36 19-0008	EA	199 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-200A)	12,677.33	526.05
22 34 36 19-0009	EA	250 MBH Input, 100 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-250)	11,909.37	538.00
22 34 36 19-0010	EA	250 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-250A)	14,662.16	591.80
22 34 36 19-0011	EA	275 MBH Input, 100 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-275)	12,468.60	657.56
22 34 36 19-0012	EA	275 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-275A)	15,295.85	723.31
22 34 36 19-0013	EA	310 MBH Input, 85 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-310)	12,738.17	657.56
22 34 36 19-0014	EA	310 MBH Input, 85 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-310A)	15,464.33	723.31
22 34 36 19-0015	EA	366 MBH Input, 85 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-366)	14,289.84	717.33
22 34 36 19-0016	EA	366 MBH Input, 85 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-366A)	16,808.92	789.07
22 34 36 19-0017	EA	390 MBH Input, 85 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-400)	17,339.38	717.33
22 34 36 19-0018	EA	390 MBH Input, 85 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-400A)	20,010.10	789.07

22 34 36 19-0019 Condensing Gas Fired Commercial Water Heaters (A.O. Smith BTX And BTH) *(22 34 36 19)*

Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.

22 34 36 19-0020	EA	76 MBH Input, 50 Gallon, 90% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTX-80)	4,457.57	358.67
22 34 36 19-0021	EA	100 MBH Input, 50 Gallon, 90% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTX-100)	6,007.61	358.67
22 34 36 19-0022	EA	120 MBH Input, 60 Gallon, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-120)	7,288.08	358.67
22 34 36 19-0023	EA	120 MBH Input, 60 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-120A)	10,527.30	394.53
22 34 36 19-0024	EA	150 MBH Input, 100 Gallon, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-150)	10,777.30	418.44
22 34 36 19-0025	EA	150 MBH Input, 100 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-150A)	13,607.27	460.29
22 34 36 19-0026	EA	199 MBH Input, 100 Gallon, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-199)	10,930.56	478.22
22 34 36 19-0027	EA	199 MBH Input, 100 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-199A)	14,008.35	526.05
22 34 36 19-0028	EA	250 MBH Input, 100 Gallon, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-250)	12,633.85	538.00
22 34 36 19-0029	EA	250 MBH Input, 100 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-250A)	15,386.63	591.80
22 34 36 19-0030	EA	300 MBH Input, 119 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-300A)	20,148.16	723.31
22 34 36 19-0031	EA	399.9 MBH Input, 119 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-400A)	21,172.63	789.07
22 34 36 19-0032	EA	499.9 MBH Input, 119 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-500A)	24,370.53	854.82

22 34 36 19-0033 Gas Fired Commercial Water Heaters (Rheem-Ruud) *(22 34 36 19)*

Note: Includes automatic flue damper, glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.

22 34 36 19-0034	EA	199 MBH Input, 100 Gallon, Universal Gas Fired Commercial Water Heater (Rheem-Ruud G100-200)	11,417.60	478.22

22 34 36 23 Commercial, High-Efficiency, Gas Domestic Water Heaters *(22 34 36)*

22 34 36 23-0001 Gas Fired Domestic Hot Water Skid Package (Laars Mighty Therm) *(22 34 36 23)*

Note: Includes (2) Laars Mighty Therm boilers, (2) B&G boiler primary pumps (one per boiler), T&P valve, circuit setter, storage tank (sized for 10 minutes buffer based on 50 degree city water supply, and operating set point for the tank at 130 degrees storage), and all necessary accessories for system monitoring such as gauges and thermometers. UL listed and labeled. Excludes piping insulation or seismic calculations.

22 34 36 23-0002	EA	400 MBH x 2, Gas Fired Domestic Hot Water Skid Package (FlowTherm Systems FTDW-400)	97,855.39	1,588.53
22 34 36 23-0003	EA	1,000 MBH x 2, Gas Fired Domestic Hot Water Skid Package (FlowTherm Systems FTDW-1000)	118,436.41	1,687.81
22 34 36 23-0004	EA	2,000 MBH x 2, Gas Fired Domestic Hot Water Skid Package (FlowTherm Systems FTDW-2000)	144,042.49	1,787.10
22 34 36 23-0005	EA	3,000 MBH x 2, Gas Fired Domestic Hot Water Skid Package (FlowTherm Systems FTDW-3000)	172,325.23	1,886.37
22 34 36 23-0006	EA	4,000 MBH x 2, Gas Fired Domestic Hot Water Skid Package (FlowTherm Systems FTDW-4000)	180,620.89	1,985.66

22 34 36 23-0007 Gas Fired Volume Water Heater (Laars Mighty Therm) *(22 34 36 23)*

22 34 36 23-0008	EA	200 MBH Gas Fired Volume Water Heater (Laars MT2V0200)	12,025.56	881.19
22 34 36 23-0009	EA	300 MBH Gas Fired Volume Water Heater (Laars MT2V0300)	13,037.34	991.34

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 34 36 23-0010	EA	400 MBH Gas Fired Volume Water Heater (Laars MT2V0400)	15,078.29	1,211.64
22 34 36 23-0011	EA	500 MBH Gas Fired Volume Water Heater (Laars MT2V0500)	22,095.76	1,321.79
22 34 36 23-0012	EA	750 MBH Gas Fired Volume Water Heater (Laars MT2V0750)	24,278.06	1,542.08
22 34 36 23-0013	EA	1,000 MBH Gas Fired Volume Water Heater (Laars MT2V1000)	27,771.50	1,762.39
22 34 36 23-0014	EA	1,250 MBH Gas Fired Volume Water Heater (Laars MT2V1250)	30,669.18	1,982.69
22 34 36 23-0015	EA	1,500 MBH Gas Fired Volume Water Heater (Laars MT2V1500)	36,713.20	2,202.99
22 34 36 23-0016	EA	1,750 MBH Gas Fired Volume Water Heater (Laars MT2V1750)	38,088.10	2,313.13
22 34 36 23-0017	EA	2,000 MBH Gas Fired Volume Water Heater (Laars MT2V2000)	40,876.37	2,423.28

22 34 36 23-0018 Gas Fired Condensing Volume Water Heaters, High Efficiency (Laars NeoTherm) *(22 34 36 23)*

Note: Includes relief valve, pump, flow switch, drain valve, low air pressure switch, hi limit reset switch and copper finned heat exchanger.

22 34 36 23-0019	EA	150 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV150)	20,334.79	660.78
		For Skid Mounting, Add	*950.00*	
22 34 36 23-0020	EA	199 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV199)	23,654.31	881.19
		For Skid Mounting, Add	*950.00*	
22 34 36 23-0021	EA	285 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV285)	31,011.52	991.34
		For Skid Mounting, Add	*950.00*	
22 34 36 23-0022	EA	399 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV399)	38,953.08	1,211.64
		For Skid Mounting, Add	*950.00*	
22 34 36 23-0023	EA	500 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV500)	46,055.80	1,321.79
		For Skid Mounting, Add	*950.00*	
22 34 36 23-0024	EA	600 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV600)	52,099.69	1,431.93
		For Skid Mounting, Add	*950.00*	
22 34 36 23-0025	EA	750 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV750)	62,594.61	1,542.08
		For Skid Mounting, Add	*950.00*	
22 34 36 23-0026	EA	850 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV850)	69,388.50	1,652.23
		For Skid Mounting, Add	*950.00*	
22 34 36 23-0027	EA	1,000 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV1000)	91,380.10	1,762.39
		For Skid Mounting, Add	*950.00*	
22 34 36 23-0028	EA	1,700 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV1700)	122,855.39	2,313.13
		For Skid Mounting, Add	*950.00*	

22 34 36 26 Commercial, Coil-Type, Finned-Tube, Gas Domestic Water Heaters *(22 34 36)*

22 34 36 26-0001 Laars Rheos+ 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heaters *(22 34 36 26)*

22 34 36 26-0002	EA	1,200 MBH 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heater (Laars Rheos+)	36,635.65	1,674.27
22 34 36 26-0003	EA	1,600 MBH 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heater (Laars Rheos+)	51,789.92	1,850.50
22 34 36 26-0004	EA	2,000 MBH 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heater (Laars Rheos+)	56,202.76	1,938.62
22 34 36 26-0005	EA	2,400 MBH 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heater (Laars Rheos+)	60,872.51	2,114.86

22 34 36 26-0006 Laars Rheos 86% Efficient Gas Fired, Copper Fin Tube LoNox Water Heaters *(22 34 36 26)*

22 34 36 26-0007	EA	1,200 MBH 86% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Rheos)	32,473.35	1,674.27
22 34 36 26-0008	EA	1,600 MBH 86% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Rheos)	35,874.51	1,850.50
22 34 36 26-0009	EA	2,000 MBH 86% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Rheos)	39,225.69	1,938.62
22 34 36 26-0010	EA	2,400 MBH 86% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Rheos)	42,617.30	2,114.86

22 34 36 26-0011 Laars Pennant 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heaters *(22 34 36 26)*

22 34 36 26-0012	EA	200 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	8,309.70	793.07
22 34 36 26-0013	EA	300 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	9,141.21	881.19
22 34 36 26-0014	EA	400 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	10,734.19	1,057.43
22 34 36 26-0015	EA	500 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	15,168.99	1,101.49
22 34 36 26-0016	EA	750 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	16,703.40	1,321.79
22 34 36 26-0017	EA	1,000 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	20,603.41	1,586.15
22 34 36 26-0018	EA	1,250 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	23,430.90	1,674.27
22 34 36 26-0019	EA	1,500 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	25,975.41	1,806.45
22 34 36 26-0020	EA	1,750 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	28,360.42	1,894.57
22 34 36 26-0021	EA	2,000 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	30,445.87	1,938.62

22 34 36 26-0022 Patterson Kelley Thermific Sealed Combustion, Gas Fired, Copper Fin Tube Water Heaters *(22 34 36 26)*

22 34 36 26-0023	EA	700 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Thermific)	23,685.23	1,321.79
22 34 36 26-0024	EA	1,000 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Thermific)	26,115.79	1,586.15
22 34 36 26-0025	EA	1,500 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Thermific)	31,265.03	1,806.45
22 34 36 26-0026	EA	1,700 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Thermific)	32,227.85	1,894.57
22 34 36 26-0027	EA	2,000 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Thermific)	33,712.04	1,938.62

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 34 36 26-0028		Patterson Kelley Modufire Forced Draft, Water, Gas Fired, Copper Fin Tube Water Heaters *(22 34 36 26)*		
22 34 36 26-0029	EA	1,000 MBH 85% Efficient, Forced Draft, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Modufire)	28,486.46	1,586.15
22 34 36 26-0030	EA	1,500 MBH 85% Efficient, Forced Draft, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Modufire)	34,410.78	1,806.45
22 34 36 26-0031	EA	2,000 MBH 85% Efficient, Forced Draft, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Modufire)	36,526.48	1,938.62

22 34 46 Oil-Fired Domestic Water Heaters *(22 34)*

22 34 46 11 Standard-capacity, Oil-Fired Domestic Water Heaters *(22 34 46)*

22 34 46 11-0001 Oil-Fired Domestic Water Heaters *(22 34 46 11)*

Note: Includes burner, glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.

22 34 46 11-0002	EA	60 MBH, 20 Gallon, Oil-Fired Domestic Water Heater (Bock 20E)	3,813.98	184.12
22 34 46 11-0003	EA	104 MBH, 32 Gallon, Oil-Fired Domestic Water Heater (Bock 32E)	3,767.66	184.12
22 34 46 11-0004	EA	104 MBH, 33 Gallon, Oil-Fired Domestic Water Heater (Bock 33ES)	3,916.49	184.12
22 34 46 11-0005	EA	125 MBH, 40 Gallon, Oil-Fired Domestic Water Heater (Bock 40E)	4,105.82	188.90
22 34 46 11-0006	EA	140 MBH, 50 Gallon, Oil-Fired Domestic Water Heater (Bock 50ES)	5,114.70	193.68
22 34 46 11-0007	EA	152 MBH, 50 Gallon, Oil-Fired Domestic Water Heater (Bock 51E)	4,378.72	193.68

22 35 Domestic Water Heat Exchangers *(22 30)*

22 35 23 Circulating, Domestic Water Heat Exchangers *(22 35)*

22 35 23 13 Circulating, Compact Domestic Water Heat Exchangers *(22 35 23)*

22 35 23 13-0001 Steam Driven Water Heaters *(22 35 23 13)*

22 35 23 13-0002 Constant Flow *(22 35 23 13-0001)*

22 35 23 13-0003	EA	30 GPM, 700 Lb./Hour Steam Water Heater, Constant Flow	6,519.91	597.78
22 35 23 13-0004	EA	90 GPM, 1,250 Lb./Hour Steam Water Heater, Constant Flow	8,142.17	732.51
22 35 23 13-0005	EA	140 GPM, 2,500 Lb./Hour Steam Water Heater, Constant Flow	10,434.92	958.00
22 35 23 13-0006	EA	230 GPM, 5,000 Lb./Hour Steam Water Heater, Constant Flow	14,123.21	1,334.36
22 35 23 13-0007	EA	500 GPM, 7,500 Lb./Hour Steam Water Heater, Constant Flow	20,857.75	2,197.67
22 35 23 13-0008	EA	900 GPM, 10,000 Lb./Hour Steam Water Heater, Constant Flow	22,738.94	2,490.70
22 35 23 13-0009	EA	1,400 GPM, 15,000 Lb./Hour Steam Water Heater, Constant Flow	29,808.19	2,873.88
22 35 23 13-0010	EA	2,400 GPM, 20,000 Lb./Hour Steam Water Heater, Constant Flow	35,861.04	3,396.45

22 35 23 13-0011 Variable Flow *(22 35 23 13-0001)*

22 35 23 13-0012	EA	30 GPM, 700 Lb./Hour Steam Water Heater, Variable Flow	9,843.09	1,165.66
22 35 23 13-0013	EA	90 GPM, 1,250 Lb./Hour Steam Water Heater, Variable Flow	11,164.07	1,423.31
22 35 23 13-0014	EA	140 GPM, 2,500 Lb./Hour Steam Water Heater, Variable Flow	14,243.27	1,840.43
22 35 23 13-0015	EA	230 GPM, 5,000 Lb./Hour Steam Water Heater, Variable Flow	18,691.07	2,567.81
22 35 23 13-0016	EA	500 GPM, 7,500 Lb./Hour Steam Water Heater, Variable Flow	27,929.13	4,294.43
22 35 23 13-0017	EA	900 GPM, 10,000 Lb./Hour Steam Water Heater, Variable Flow	33,950.55	4,729.27
22 35 23 13-0018	EA	1,400 GPM, 15,000 Lb./Hour Steam Water Heater, Variable Flow	39,332.22	5,534.94
22 35 23 13-0019	EA	2,400 GPM, 20,000 Lb./Hour Steam Water Heater, Variable Flow	49,776.17	6,612.62

22 40 Plumbing Fixtures *(22)*

Note: The following Energy Policy Act Flow Rates Requirements superseded flow rates standards listed in section. Plumbing fixtures and trim should not exceed the maximum flow rates set forth in The Energy Policy Act 92. lavatory faucets - 2.5 gal/min, lavatory replacement aerators - 2.5 gal/min, kitchen faucets - 2.5 gal/min, kitchen replacement aerators - 2.5 gal/min, metering faucets - 0.25 gal/cycle, gravity tank-type toilets - 1.6 gal/flush, flushometer tank toilets - 1.6 gal/flush, electromechanical hydraulic toilets - 1.6 gal/flush, blowdown toilets - 3.5 gal/flush, urinals - 1.0 gal/flush.

22 41 Residential Plumbing Fixtures *(22 40)*

22 41 13 Residential Water Closets, Urinals, and Bidets *(22 41)*

22 41 13 13 Residential Water Closets *(22 41 13)*

22 41 13 13-0001 Residential Toilets *(22 41 13 13)*

See CSI section 22 42 13 13-0001 for additional water closets.

22 41 13 13-0002	EA	2 Piece Tank Type, Gravity Flush System, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (Kohler Wellworth® K-3978) Note: Includes seat, wax ring, escutcheon, supply valve and line.	541.58	114.49
22 41 13 13-0003	EA	Water Closet, Kohler K-3423, White With K-9404 Trip Lever Note: Includes seat, wax ring, escutcheon, supply valve and line.	631.85	194.52
22 41 13 13-0004	EA	2 Piece Tank Type, Gravity Flush System, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (Kohler Highline® K-3999) Note: Includes seat, wax ring, escutcheon, supply valve and line.	806.03	114.49
22 41 13 13-0005	EA	Round Front Toilet Seat, White (Kohler K-4716-T)	68.21	18.65

22 41 16 Residential Lavatories and Sinks *(22 41)*

22 41 16 13 Residential Lavatories *(22 41 16)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 41 16 13-0001		**Residential Wall Hung Lavatory** *(22 41 16 13)* See CSI section 22 42 16 13-0002 for wall hung lavatories.		
22 41 16 13-0002		**Residential Counter Top Lavatory** *(22 41 16 13)* See CSI section 22 42 16 13-0010 for additional countertop lavatories.		
22 41 16 13-0003	EA	20" x 18" Oval Vitreous China Single Hole Countertop Lavatory, Self Rimming (Kohler K-2196-1N)	578.61	89.17
22 41 16 13-0004		**Residential Culture Marble Lavatory Vanity Top** *(22 41 16 13)* Note: Includes splash. Single sink, center or offset. Bowl is either oval, shell shape or rectangular. See CSI section 22 42 16 13-0028 for vanity top.		
22 41 16 16		**Residential Sinks** *(22 41 16)*		
22 41 16 16-0001		**Residential Kitchen Sinks** *(22 41 16 16)* Note: Includes strainer.		
22 41 16 16-0002	EA	25" x 22" x 6" Stainless Steel Kitchen Sink, Single Bowl, 22 Gauge (Elkay K125224)	653.96	103.48
22 41 16 16-0003	EA	33" x 21" x 6-1/2" Stainless Steel Kitchen Sink, Double Bowl, 20 Gauge (Elkay D233213)	742.69	117.80
22 41 16 16-0004	EA	33" x 21" x 10-1/8" Stainless Steel Kitchen Sink, Double Bowl, 18 Gauge (Elkay DLR33224)	2,076.61	117.80
22 41 19		**Residential Bathtubs** *(22 41)*		
22 41 19 00-0001		**Residential Bathtubs** *(22 41 19)* See CSI section 22 42 19 00-0001 for additional tubs.		
22 41 19 00-0002	EA	5' Bathtub, American Standard Princeton Series	1,170.43	306.05
22 41 19 00-0003	EA	60" x 30" x 14" Bathtub, Kohler K-715 or K-716	1,268.28	306.05
22 41 26		**Residential Disposers** *(22 41)*		
22 41 26 00-0001		**Disposals** *(22 41 26)*		
22 41 26 00-0002	EA	1/3 HP Insulated Garbage Disposal	284.98	77.26
22 41 26 00-0003	EA	1/2 HP Insulated Garbage Disposal	322.80	77.26
22 41 26 00-0004	EA	3/4 HP Insulated Garbage Disposal	417.35	77.26
22 41 26 00-0005	EA	1 HP Insulated Garbage Disposal	511.89	77.26
22 41 39		**Residential Faucets, Supplies, and Trim** *(22 41)*		
22 41 39 00-0001		**Residential Kitchen Faucets** *(22 41 39)*		
22 41 39 00-0002	EA	Chrome Single Handle Kitchen Faucet (Delta 100LF-WF)	208.28	55.05
22 41 39 00-0003	EA	Chrome Single Handle Kitchen Faucet With Spray (Delta 400LF-WF)	240.73	55.05
22 41 39 00-0004	EA	Chrome Single Handle Kitchen Faucet With Integrated Spray (Delta 300LF-WF)	240.73	55.05
22 41 39 00-0005	EA	Chrome Two Handle Kitchen Faucet, Three Hole Installation 8"Center (Delta 2102LF-LHP+H215)	231.77	55.05
22 41 39 00-0006	EA	Chrome Two Handle Kitchen Faucet With Spray, Three Hole Installation, 8" Center (Delta 2402LF-LHP+H215)	249.20	55.05
22 41 39 00-0007	EA	Kitchen Faucet, Polished Chrome (Kohler K-15251-B)	182.95	55.05
22 41 39 00-0008	EA	Kitchen Faucet, Polished Chrome (Kohler K-15171-P)	224.38	55.05
22 41 39 00-0009	EA	Kitchen Faucet, Polished Chrome (Delta 2100)	178.49	55.05
22 41 39 00-0010		**Residential Lavatory Faucets** *(22 41 39)*		
22 41 39 00-0011	EA	Chrome, Single Acrylic Handle, Bath Faucet (Delta 502-DST)	190.42	39.63
		For Faucet With Brass Pop-Up, Add	*11.00*	
22 41 39 00-0012	EA	Chrome, Single Lever Handle, Lavatory Faucet (Delta 500-WF)	190.42	39.63
		For Faucet With Brass Pop-Up, Add	*11.00*	
22 41 39 00-0013	EA	Chrome, Two Handle, Bath Faucet With Acrylic Handles (Delta 2502LF)	137.05	39.63
		For Faucet With Brass Pop-Up, Add	*16.50*	
		For Faucet With Plastic Pop-Up, Add	*14.00*	
22 41 39 00-0014	EA	Chrome, Two Handle, Lavatory Faucet, (Kohler K-15240-4)	174.40	39.63
22 41 39 00-0015	EA	Chrome, Two Handle, Lavatory Faucet (Delta 2522LF-MPU)	179.80	39.63
22 41 39 00-0016	EA	Chrome, Single Handle, Lavatory Faucet (Kohler K-15182-P)	224.59	39.63
22 41 39 00-0017		**Residential Bath And Shower Faucets** *(22 41 39)*		
22 41 39 00-0018	EA	Single Lever Handle, Chrome Shower Only, Pressure Balanced/Anti-Scald Valve (American Standard T675.501)	247.96	47.78
		For Faucet With Polished Nickel Or Brass Finish, Add	*25.00*	
22 41 39 00-0019	EA	Single Lever Handle, Chrome Bath And Shower, Pressure Balanced/Anti-Scald Valve (American Standard T675.502)	292.35	47.78
		For Faucet With Polished Nickel Or Brass Finish, Add	*25.00*	
22 41 39 00-0020	EA	Two-Knob Handle Chrome Shower And Tub Filler, Ceramic Valving (American Standard Cadet 3275)	228.62	47.78
		For Faucet With Polished Nickel Or Brass Finish, Add	*75.00*	
		For Faucet With Lever Handles, Add	*8.10*	
22 41 39 00-0021	EA	Three-Knob Handle Chrome Shower And Tub Filler, Ceramic Valving (American Standard Cadet 3375)	252.52	47.78
		For Faucet With Polished Nickel Or Brass Finish, Add	*75.00*	
		For Faucet With Lever Handles, Add	*8.10*	
22 41 39 00-0022	EA	Hand Shower With Hose And 25" Slide Bar (American Standard 1662.602)	281.71	29.89
22 41 39 00-0023	EA	Wall Mount, Hand Shower With Hose (Delta 55011)	234.17	29.89
22 41 39 00-0024	EA	Pressure Balancing Shower Valve (Kohler K-304-K)	194.19	51.88
22 41 39 00-0025	EA	Pressure Balancing Shower Valve (Symmons BP-46-2-X)	211.32	51.88
22 41 39 00-0026	EA	Pressure Balancing Shower Valve (Moen 62370)	198.00	51.88
22 41 39 00-0027	EA	Shower And Tub Control Set, Single Control With Balancing Valve (Moen L2353)	242.77	51.88
22 41 39 00-0028	EA	Shower And Tub Control Set, Single Control With Balancing Valve (Moen L2363)	266.20	51.88

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 41 39 00-0029	EA	Shower And Tub Control Set, 2 Knobs With Balancing Valve (Pfister 07-312)	193.16	51.88
22 41 39 00-0030	EA	Shower And Tub Control Set, 3 Knobs With Balancing Valve (Pfister 01-312)	225.19	51.88
22 41 39 00-0031	EA	Single Control Trim Kit (Symmons BPM46-2-LR-TRM)	120.71	51.88
22 41 39 00-0032	EA	Single Control Trim Kit (Symmons BP-46-2-STK-TRM)	128.68	51.88
22 41 39 00-0033	EA	Brass Shower Head (EZ Flo 15013 Or 15015)	46.98	11.96
22 41 39 00-0034	EA	Wall Mount, Hand Shower Unit With Hose (Delta Faucet 62001 DS)	263.01	29.89
22 41 39 00-0035		Residential Laundry Faucets *(22 41 39)*		
22 41 39 00-0036	EA	Stream Straightener Nozzle Chrome Laundry Faucet, Lever Handles, 4" Center (Delta 2123LF)	163.97	35.15
22 41 39 00-0037		Residential Laundry/Wash Basin Faucets *(22 41 39)*		
22 41 39 00-0038	EA	Hose Thread Spout Chrome Laundry Faucet, Lever Handles, 4" Center (Delta 2121LF)	165.31	35.15
22 41 39 00-0039	EA	Hose Thread Spout With Vacuum Breaker Chrome Laundry Faucet, Lever Handles, 4" Center (Delta 2121LF+RP12503)	236.46	38.74
22 41 39 00-0040		Residential Washer Box *(22 41 39)*		
22 41 39 00-0041	EA	Washer Box With Supply Lines And Valve	249.29	89.73
22 41 39 00-0042		Other Residential Faucets *(22 41 39)*		
22 41 39 00-0043	EA	Sillcock, Compact, Brass, IPS Or Copper To Hose	45.04	8.97
22 41 39 00-0044		Residential Fixture Components And/or Trim Replacement *(22 41 39)*		
		See CSI section 22 01 40 81-0001 for fixture trim accessories.		
22 41 39 00-0045	EA	Elongated Toilet Seat, White (Kohler K-4712-T)	78.26	18.65
22 41 39 00-0046	EA	Removal And Replacement Of Vitreous China Toilet Tank And Lid	196.62	
22 41 39 00-0047	EA	Removal And Replacement Of Ball Cock Assembly	82.47	
22 41 39 00-0048	EA	Removal And Replacement Of Wax Ring Seal Note: Excludes removal of toilet	13.38	
22 41 39 00-0049	EA	Aerator, 2.2 GPM, Polished Chrome Vandal Resistant Spray, Non-Aerated (Kohler K-18034)	34.15	5.98
22 41 39 00-0050	EA	Aerator, Polished Chrome Vandal Resistant, 2.2 GPM (Kohler K-18033)	29.22	5.98
22 41 39 00-0051	EA	Aerator, NEOPERL 1.5 GPM, Chrome Plated	14.21	5.98
22 41 39 00-0052	EA	Aerator, NEOPERL 2.2 GPM, Chrome Plated	14.21	5.98

22 42 Commercial Plumbing Fixtures *(22 40)*

Note: Prices are for commercial grade unless otherwise indicated. Includes final connection and all associated trim (seat, supply stop and line, wax seal, valve). Excludes rough-in within the wall and carrier.

22 42 13 Commercial Water Closets, Urinals, and Bidets *(22 42)*

22 42 13 13 Commercial Water Closets *(22 42 13)*

22 42 13 13-0001		Vitreous China Water Closets *(22 42 13 13)* Note: With a 2" ball pass.		
22 42 13 13-0002		Floor Mounted Elongated Vitreous China Water Closets *(22 42 13 13-0001)* Note: Includes wax seal and toilet seat. Excludes flush valve.		
22 42 13 13-0003	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (American Standard Madera™)	666.65	114.49
22 42 13 13-0004	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Wall Outlet, Elongated Vitreous China Water Closet (American Standard Priolo™)	776.12	114.49
22 42 13 13-0005	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Wall Outlet, Elongated Vitreous China Water Closet (American Standard Yorkville™)	975.56	114.49
22 42 13 13-0006	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (American Standard Cadet®)	883.08	114.49
22 42 13 13-0007	EA	1 Piece Tank Type, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (American Standard Compact Cadet®)	830.86	114.49
22 42 13 13-0008	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet With Concealed Trapway (American Standard Cadet® 3 FloWise® RIGHT HEIGHT®)	834.45	114.49
22 42 13 13-0009	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (Kohler® Wellcomme™)	658.63	114.49
22 42 13 13-0010	EA	1.28 GPF Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (Toto® CT705E)	698.94	114.49
22 42 13 13-0011		Wall Hung Elongated Vitreous China Water Closets *(22 42 13 13-0001)* Note: Includes wax seal and toilet seat. Excludes flush valve.		
22 42 13 13-0012	EA	Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Afwall®)	771.59	140.92
22 42 13 13-0013	EA	Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Afwall® ADA Retrofit)	931.05	140.92
22 42 13 13-0014	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Glenwall™)	1,147.48	140.92
22 42 13 13-0015	EA	Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Kohler® Kingston™)	774.44	140.92
22 42 13 13-0016	EA	Flush Valve Type, Blow Out, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Kohler® Stratton™)	1,118.04	140.92

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 13 13-0017	EA	Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Toto® CT708E Or CT708EV)	844.66	140.92
22 42 13 13-0018	EA	Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Zurn Z5615-BWL)	735.35	140.92
22 42 13 13-0019	EA	Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Sloan ST-2459)	767.03	140.92
22 42 13 13-0020		**Floor Mounted Elongated Handicapped Water Closets** *(22 42 13 13-0001)* Note: Includes wax seal and toilet seat. Excludes flush valve.		
22 42 13 13-0021	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Madera™ ADA)	674.58	114.49
22 42 13 13-0022	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Colorado Right Height®)	688.42	114.49
22 42 13 13-0023	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Right Width™ Right Height®)	749.45	114.49
22 42 13 13-0024	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Huron)	824.94	114.49
22 42 13 13-0025	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Priolo® ADA)	821.80	114.49
22 42 13 13-0026	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Back Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Yorkville™ ADA)	1,062.77	114.49
22 42 13 13-0027	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Cadet Right Height™ ADA)	911.77	114.49
22 42 13 13-0028	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Toto® CT705ELN)	736.74	114.49
22 42 13 13-0029	EA	2 Piece Tank Type, High Efficiency Water Closet Floor Mounted, Elongated, (Sterling 402077) With Open-Front Seat (Kohler K-4650)	844.17	114.49
22 42 13 13-0030	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Kohler Highline™ ADA K-3519)	930.73	114.49
22 42 13 13-0031	EA	2 Piece Tank Type, Dual-Flush 1.1 And 1.6 GPF, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Vortens Vienna ELX-DF 3113-3436)	747.48	114.49
22 42 13 13-0032	EA	2 Piece Tank Type, High Eficiency Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Niagara Stealth™)	730.51	114.49
22 42 13 13-0033	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Zurn HET Z5667-BWL)	704.98	114.49
22 42 13 13-0034		**Stainless Steel Water Closets** *(22 42 13 13)*		
22 42 13 13-0035	EA	Wall Hung Water Closet, Stainless Steel With Hinged Seat, Siphon Jet (Acorn 2105-T-1-HS)	2,592.12	247.71
22 42 13 13-0036	EA	Floor Mounted Water Closet, Stainless Steel With Hinged Seat, Siphon Jet (Acorn 2120-T-3-HS)	2,722.07	247.71
22 42 13 13-0037		**Water Closet Carriers** *(22 42 13 13)*		
22 42 13 13-0038		**Pipe Grip Adaptor Type, Water Closet Carriers** *(22 42 13 13-0037)* Note: Includes coated cast iron construction, plated hardware and adjustable feet. Excludes waste piping and fittings.		
22 42 13 13-0039	EA	Pipe Grip Adaptor Type, Water Closet Carrier	738.54	58.13
22 42 13 13-0040		**No-Hub, Water Closet Carriers** *(22 42 13 13-0037)* Note: Includes coated cast iron construction, ABS extension with integral test cap, plated hardware and neoprene fixture gasket. Includes buttress feet or pylon feet and anchor foot.		
22 42 13 13-0041	EA	Vertical Close With Offset, No-Hub, Single Water Closet Carrier	1,177.21	58.13
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-107.63*	
		For Positioning Frame, Add	*66.66*	
		For Supply Pipe Support, Add	*68.27*	
		For Vandal Proof Trim, Add	*91.60*	
		For Auxiliary Inlet, Add	*290.73*	
		For Special Duty 500 Lb. Carrier, Add	*510.97*	
22 42 13 13-0042	EA	Vertical Close On Stack, No-Hub, Single Water Closet Carrier	1,177.21	58.13
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-107.63*	
		For Positioning Frame, Add	*66.66*	
		For Supply Pipe Support, Add	*68.27*	
		For Vandal Proof Trim, Add	*91.60*	
		For Auxiliary Inlet, Add	*290.73*	
		For Special Duty 500 Lb. Carrier, Add	*510.97*	
22 42 13 13-0043	EA	Horizontal Adjustable, No-Hub, Single Water Closet Carrier	1,291.29	58.13
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-107.63*	
		For Positioning Frame, Add	*66.66*	
		For Supply Pipe Support, Add	*68.27*	
		For Vandal Proof Trim, Add	*91.60*	
		For Auxiliary Inlet, Add	*290.73*	
		For Horizontal No Hub Cast Long Barrel, Add	*305.24*	
		For Carrier For Wide Chase Installations, Add	*391.90*	
		For Special Duty 1,000 Lb. Carrier, Add	*510.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 13 13-0044	EA	Vertical Adjustable On Stack, No-Hub, Single Water Closet Carrier	1,437.51	58.13
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-107.63*	
		For Positioning Frame, Add	*66.66*	
		For Supply Pipe Support, Add	*68.27*	
		For Vandal Proof Trim, Add	*91.60*	
		For 4" Branch, Add	*232.94*	
		For Auxiliary Inlet, Add	*290.73*	
		For Carrier For Wide Chase Installations, Add	*391.90*	
		For Double 4" Branches, Add	*467.46*	
		For Special Duty 1,000 Lb. Carrier, Add	*510.98*	
22 42 13 13-0045	EA	Vertical Close With Offset, No-Hub, Double Water Closet (Back To Back) Carrier	1,971.58	85.32
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-215.28*	
		For Positioning Frame, Add	*141.56*	
		For Supply Pipe Support, Add	*144.79*	
		For Vandal Proof Trim, Add	*183.20*	
		For Auxiliary Inlet, Add	*307.24*	
		For Special Duty 500 Lb. Carrier, Add	*1,021.93*	
22 42 13 13-0046	EA	Vertical Close On Stack, No-Hub, Double Water Closet (Back To Back) Carrier	2,029.44	85.32
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-215.28*	
		For Positioning Frame, Add	*141.56*	
		For Supply Pipe Support, Add	*144.79*	
		For Vandal Proof Trim, Add	*183.20*	
		For Auxiliary Inlet, Add	*307.24*	
		For Special Duty 500 Lb. Carrier, Add	*1,021.93*	
22 42 13 13-0047	EA	Vertical Adjustable On Stack, No-Hub, Double Water Closet (Back To Back) Carrier	2,490.59	85.32
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-215.28*	
		For Positioning Frame, Add	*141.56*	
		For Supply Pipe Support, Add	*144.79*	
		For Vandal Proof Trim, Add	*183.20*	
		For 4" Branch, Add	*241.19*	
		For Auxiliary Inlet, Add	*307.24*	
		For Double 4" Branches, Add	*483.97*	
		For Carrier For Wide Chase Installations, Add	*833.33*	
		For Special Duty 1,000 Lb. Carrier, Add	*1,021.96*	
22 42 13 13-0048	EA	Horizontal Adjustable, No-Hub, Double Water Closet (Back To Back) Carrier	2,339.55	85.32
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-215.28*	
		For Positioning Frame, Add	*141.56*	
		For Supply Pipe Support, Add	*144.79*	
		For Vandal Proof Trim, Add	*183.20*	
		For Horizontal No Hub Cast Long Barrel, Add	*313.49*	
		For Carrier For Wide Chase Installations, Add	*833.33*	
		For Special Duty 1,000 Lb. Carrier, Add	*1,021.96*	

22 42 13 13-0049 Hub And Spigot, Water Closet Carriers *(22 42 13 13-0037)*

Note: Includes coated cast iron construction, ABS extension with integral test cap, plated hardware and neoprene fixture gasket. Includes buttress feet or pylon feet and anchor foot.

22 42 13 13-0050	EA	Vertical Close With Offset, Hub And Spigot, Single Water Closet Carrier	1,076.70	58.13
		For Positioning Frame, Add	*66.66*	
		For Supply Pipe Support, Add	*68.27*	
		For Vandal Proof Trim, Add	*91.60*	
		For Hanger Type Closet Adapter, Add	*229.78*	
		For Auxiliary Inlet, Add	*290.73*	
22 42 13 13-0051	EA	Vertical Close On Stack, Hub And Spigot, Single Water Closet Carrier	1,177.21	58.13
		For Positioning Frame, Add	*66.66*	
		For Supply Pipe Support, Add	*68.27*	
		For Vandal Proof Trim, Add	*91.60*	
		For Auxiliary Inlet, Add	*290.73*	
		For Special Duty 500 Lb. Carrier, Add	*510.97*	
22 42 13 13-0052	EA	Vertical Adjustable On Stack, Hub And Spigot, Single Water Closet Carrier	1,492.14	58.13
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-107.63*	
		For Positioning Frame, Add	*66.66*	
		For Supply Pipe Support, Add	*68.27*	
		For Vandal Proof Trim, Add	*91.60*	
		For 4" Branch, Add	*232.94*	
		For Auxiliary Inlet, Add	*290.73*	
		For Carrier For Wide Chase Installations, Add	*391.90*	
		For Double 4" Branches, Add	*467.46*	
		For Special Duty 1,000 Lb. Carrier, Add	*510.98*	
22 42 13 13-0053	EA	Vertical Close With Offset, Hub And Spigot, Double Water Closet (Back To Back) Carrier	1,799.60	85.32
		For Positioning Frame, Add	*141.56*	
		For Supply Pipe Support, Add	*144.79*	
		For Vandal Proof Trim, Add	*183.20*	
		For Auxiliary Inlet, Add	*307.24*	
		For Hanger Type Closet Adapter, Add	*459.55*	
22 42 13 13-0054	EA	Vertical Adjustable On Stack, Hub And Spigot, Double Water Closet (Back To Back) Carrier	2,545.23	85.32
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-215.28*	
		For Positioning Frame, Add	*141.56*	
		For Supply Pipe Support, Add	*144.79*	
		For Vandal Proof Trim, Add	*183.20*	
		For 4" Branch, Add	*241.19*	
		For Auxiliary Inlet, Add	*307.24*	
		For Double 4" Branches, Add	*483.97*	
		For Carrier For Wide Chase Installations, Add	*833.33*	
		For Special Duty 1,000 Lb. Carrier, Add	*1,021.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 13 13-0055		Floor Mount Polyvinyl Chloride (PVC) Adaptor Type, Water Closet Carriers *(22 42 13 13-0037)*		
		Note: Includes coated cast iron construction, plastic fitting adaptor with extension and plated hardware.		
22 42 13 13-0056	EA	Vertical On Stack, Floor Mount Polyvinyl Chloride (PVC) Adaptor Type, Single Water Closet Carrier	896.01	58.13
		For Positioning Frame, Add	*66.66*	
		For Supply Pipe Support, Add	*68.27*	
		For Vandal Proof Trim, Add	*91.60*	
		For Hanger Type Closet Adapter, Add	*229.78*	
22 42 13 13-0057		Institutional Water Closet Carriers *(22 42 13 13-0037)*		
		Note: Includes coated cast iron construction, ABS extension with integral test cap, buttress feet, plated hardware and neoprene fixture gasket.		
22 42 13 13-0058	EA	Vertical On Stack, No-Hub, 90 Degree Institutional, Double Waste Fitting With Vent And Carrier, Water Closet Carrier	3,290.81	85.32
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-215.28*	
		For Positioning Frame, Add	*141.56*	
		For Supply Pipe Support, Add	*144.79*	
		For Vandal Proof Trim, Add	*183.20*	
		For Auxiliary Inlet, Add	*307.24*	
22 42 13 13-0059		Removal And Reinstallation Of Fixtures And Trim *(22 42 13 13)*		
		Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
22 42 13 13-0060	EA	Removal And Reinstallation Of Wall Hung Water Closet With Tank	503.08	
22 42 13 13-0061	EA	Removal And Reinstallation Of Wall Hung Water Closet With Flush Valve	503.08	
22 42 13 13-0062	EA	Removal And Reinstallation Of Floor Mount Water Closet With Tank	386.87	
22 42 13 13-0063	EA	Removal And Reinstallation Of Floor Mount Water Closet With Flush Valve	386.87	
22 42 13 16		**Commercial Urinals** *(22 42 13)*		
22 42 13 16-0001		Vitreous China Urinals *(22 42 13 16)*		
		Note: Excludes flush valve unless indicated otherwise.		
22 42 13 16-0002		Wall Hung Urinals *(22 42 13 16-0001)*		
22 42 13 16-0003	EA	Wall Hung Washout, Vitreous China Urinal (American Standard Maybrook™)	603.71	117.80
22 42 13 16-0004	EA	Wall Hung, Washout, Vitreous China Urinal With Top Spud (American Standard Washbrook®)	729.40	117.80
22 42 13 16-0005	EA	Wall Hung, Washout, Vitreous China Urinal With Back Spud (American Standard Washbrook®)	755.68	117.80
22 42 13 16-0006	EA	Wall Hung, Blowout, Vitreous China Urinal (American Standard Lynbrook™)	794.29	117.80
22 42 13 16-0007	EA	Wall Hung Siphon Jet, Vitreous China Urinal (American Standard Trimbrook™)	727.35	117.80
22 42 13 16-0008	EA	Wall Hung, Siphon Jet, Vitreous China Urinal (American Standard Allbrook™)	621.27	117.80
22 42 13 16-0009	EA	Wall Hung, Washout, Vitreous China Urinal (Toto® UT447E Or UT447EV)	745.81	117.80
22 42 13 16-0010	EA	Wall Hung, Washout, Vitreous China Urinal (Toto® UT104E Or UT104EV)	644.24	117.80
22 42 13 16-0011	EA	Wall Hung, Washout, Vitreous China Urinal (Zurn Z5798)	693.60	117.80
22 42 13 16-0012	EA	Wall Hung, Washout, 0.125 To 0.5 GPF, HEU, Vitreous China Urinal (Sloan SU-1009-A)	636.98	117.80
22 42 13 16-0013	EA	Wall Hung, Washout, 1.0 GPF, HEU, Vitreous China Urinal (Sloan SU-1006-A)	634.83	117.80
22 42 13 16-0014		Floor Mounted Urinals *(22 42 13 16-0001)*		
22 42 13 16-0015	EA	Washout, Floor Mounted, Vitreous China Urinal (American Standard Stallbrook™)	998.80	148.62
22 42 13 16-0016	EA	Washout, Floor Mounted, Vitreous China Urinal (Kohler® Branham™)	1,108.19	148.62
22 42 13 16-0017	EA	Floor Mounted Urinal Seam Cover For 21" Centers (Kohler® K-4931)	312.86	27.53
22 42 13 16-0018	EA	Floor Mounted Urinal Seam Cover For 24" Centers (Kohler® K-4932)	354.83	27.53
22 42 13 16-0019		Waterfree Urinals *(22 42 13 16-0001)*		
22 42 13 16-0020	EA	Waterfree, Wall Hung, Vitreous China Urinal (American Standard Large FloWise® Flush-Free)	652.96	82.57
		For >1, Deduct	*-43.06*	
		For Colored Fixtures, Add	*66.90*	
22 42 13 16-0021	EA	Waterfree, Wall Hung, Vitreous China Urinal (SLOAN WES-1000)	1,251.80	82.57
		For >1, Deduct	*-111.33*	
		For Colored Fixtures, Add	*66.90*	
22 42 13 16-0022	EA	Waterfree, Wall Hung, Vitreous China Urinal (Falcon F-2000)	1,078.36	82.57
		For >1, Deduct	*-91.56*	
		For Colored Fixtures, Add	*66.90*	
22 42 13 16-0023	EA	Waterfree, Wall Hung, Vitreous China Urinal (Falcon F-4000)	827.44	82.57
		For >1, Deduct	*-62.95*	
		For Colored Fixtures, Add	*66.90*	
22 42 13 16-0024	EA	Waterfree, Wall Hung, Vitreous China Urinal (Falcon F-5000)	827.44	82.57
		For >1, Deduct	*-62.95*	
		For Colored Fixtures, Add	*66.90*	
22 42 13 16-0025	EA	Waterfree, Wall Hung, Vitreous China Urinal (Falcon F-7000)	1,024.78	82.57
		For >1, Deduct	*-85.45*	
		For Colored Fixtures, Add	*66.90*	
22 42 13 16-0026	EA	Waterfree, Wall Hung, Stainless Steel Urinal (Falcon F-9000)	1,551.97	82.57
		For >1, Deduct	*-145.55*	
22 42 13 16-0027		Stainless Steel Urinals *(22 42 13 16)*		
22 42 13 16-0028	EA	Wall Hung Urinal, Stainless Steel, Blowout Jet (Acorn 2160-T-1)	2,665.22	247.71
22 42 13 16-0029	EA	5' Wall Hung Trough Urinal, Stainless Steel With Strainer And Washdown Pipe (Elkay EU6014C)	3,442.72	302.75

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 13 16-0030		Urinal Carriers *(22 42 13 16)*		
22 42 13 16-0031		Floor Mounted, Urinal Carriers *(22 42 13 16-0030)* Note: Includes adjustable supporting rods, structural uprights and welded feet.		
22 42 13 16-0032	EA	Floor Mounted Hanger Plate Type, Single Urinal Carrier	600.38	41.84
		For Up To 4" Extension Sleeves And Hardware, Add	*33.74*	
22 42 13 16-0033	EA	Floor Mounted Bearing Plate Type, Single Urinal Carrier	714.20	41.84
		For Up To 4" Extension Sleeves And Hardware, Add	*33.74*	
22 42 13 16-0034		Wall Mounted, Urinal Carriers *(22 42 13 16-0030)* Note: Includes wall plate and adjustable supporting rods.		
22 42 13 16-0035	EA	Wall Mounted Hanger Plate Type, Single Urinal Carrier	272.32	41.84
		For Up To 6-1/2" Extension Sleeves And Hardware, Add	*33.74*	
22 42 13 16-0036		Removal And Reinstallation Of Fixtures And Trim *(22 42 13 16)* Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
22 42 13 16-0037	EA	Removal And Reinstallation Of Wall Hung Urinal With Flush Valve	501.53	
22 42 16		**Commercial Lavatories and Sinks** *(22 42)*		
22 42 16 13		**Commercial Lavatories** *(22 42 16)*		
22 42 16 13-0001		Lavatories *(22 42 16 13)* Note: Includes trap, drain and supply valves. Excludes faucets.		
22 42 16 13-0002		Wall Hung Lavatories *(22 42 16 13-0001)*		
22 42 16 13-0003	EA	19" x 17" Porcelain Enameled Cast Iron Wall Hung Lavatory (American Standard Regalyn™)	571.53	73.76
22 42 16 13-0004	EA	20" x 18" Porcelain Enameled Cast Iron Wall Hung Lavatory (American Standard Regalyn™)	598.34	73.76
22 42 16 13-0005	EA	22" x 19" Porcelain Enameled Cast Iron Wall Hung Lavatory (Kohler® Hampton™)	748.48	73.76
22 42 16 13-0006	EA	18" x 16" Vitreous China Wall Hung Lavatory (American Standard Penlyn™)	522.66	73.76
22 42 16 13-0007	EA	19" x 17" Vitreous China Wall Hung Lavatory (American Standard Declyn™)	447.76	73.76
22 42 16 13-0008	EA	20" x 18" Vitreous China Wall Hung Lavatory (Kohler® Soho®)	571.09	73.76
22 42 16 13-0009	EA	27" x 20" Wheelchair Accessible, Vitreous China Wall Hung Lavatory (American Standard Wheel Chair Users)	676.39	73.76
22 42 16 13-0010		Countertop Lavatories *(22 42 16 13-0001)*		
22 42 16 13-0011	EA	20" x 18" Oval Vitreous China Countertop Lavatory (Kohler® Pennington®)	541.86	89.17
22 42 16 13-0012	EA	21" x 18" Vitreous China Countertop Lavatory (American Standard Cadet™ Oval)	554.13	89.17
22 42 16 13-0013	EA	19" x 16" Enameled Cast Iron Countertop Lavatory (Kohler® Farmington™)	588.28	89.17
22 42 16 13-0014	EA	19" x 16" Enameled Cast Iron Countertop Lavatory (Kohler® Ellington™)	624.69	89.17
22 42 16 13-0015	EA	24" x 18" Enameled Cast Iron Countertop Lavatory (Kohler® Thoreau®)	825.38	96.33
22 42 16 13-0016		Undermount Lavatories *(22 42 16 13-0001)*		
22 42 16 13-0017	EA	15" x 12" Vitreous China Undermount Lavatory (American Standard Ovalyn™)	496.32	89.17
22 42 16 13-0018	EA	17" x 14" Vitreous China Undermount Lavatory (American Standard Ovalyn™)	471.22	89.17
22 42 16 13-0019	EA	19" x 16" Vitreous China Undermount Lavatory (American Standard Ovalyn™)	471.22	89.17
22 42 16 13-0020	EA	21" x 17" Vitreous China Undermount Lavatory (American Standard Ovalyn™)	501.80	89.17
22 42 16 13-0021	EA	15" x 12" Oval Vitreous China Undermount Lavatory (Kohler® Caxton®)	486.49	89.17
22 42 16 13-0022	EA	17" x 14" Oval Vitreous China Undermount Lavatory (Kohler® Caxton®)	481.86	89.17
22 42 16 13-0023	EA	19" x 15" Oval Vitreous China Undermount Lavatory (Kohler® Caxton®)	486.57	89.17
22 42 16 13-0024	EA	18" x 12" Rectangular Vitreous China Undermount Lavatory (Kohler® Ladena®)	590.50	89.17
22 42 16 13-0025	EA	21" x 14" Rectangular Vitreous China Undermount Lavatory (Kohler® Ladena®)	590.50	89.17
22 42 16 13-0026		Pedestal Lavatories *(22 42 16 13-0001)*		
22 42 16 13-0027	EA	19" x 24" x 35" High Vitreous China Pedestal Sink (American Standard Cadet™)	663.47	211.92
22 42 16 13-0028		Cultured Marble Vanity Tops *(22 42 16 13-0001)* Note: Includes predrilled holes for faucet.		
22 42 16 13-0029	EA	25" x 19" Cultured Marble Vanity Top With Integrated Backsplash And Sink	359.97	82.57
22 42 16 13-0030	EA	31" x 19" Cultured Marble Vanity Top With Integrated Backsplash And Sink	408.89	88.07
22 42 16 13-0031	EA	37" x 19" Cultured Marble Vanity Top With Integrated Backsplash And Sink	496.23	93.57
22 42 16 13-0032	EA	49" x 19" Cultured Marble Vanity Top With Integrated Backsplash And Sink	685.86	99.08
22 42 16 13-0033	EA	25" x 22" Cultured Marble Vanity Top With Integrated Backsplash And Sink	387.90	82.57
22 42 16 13-0034	EA	31" x 22" Cultured Marble Vanity Top With Integrated Backsplash And Sink	416.75	88.07
22 42 16 13-0035	EA	37" x 22" Cultured Marble Vanity Top With Integrated Backsplash And Sink	542.69	93.57
22 42 16 13-0036	EA	43" x 22" Cultured Marble Vanity Top With Integrated Backsplash And Sink	592.93	96.33
22 42 16 13-0037	EA	49" x 22" Cultured Marble Vanity Top With Integrated Backsplash And Sink	666.21	99.08
22 42 16 13-0038		Quartz Vanity Tops *(22 42 16 13-0001)* Note: Includes predrilled holes for faucet.		
22 42 16 13-0039	EA	25" x 22" Quartz Vanity Top With Integrated Backsplash And Sink	797.80	82.57
22 42 16 13-0040	EA	31" x 22" Quartz Vanity Top With Integrated Backsplash And Sink	833.32	88.07
22 42 16 13-0041	EA	37" x 22" Quartz Vanity Top With Integrated Backsplash And Sink	960.95	93.57

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 16 13-0042	EA	43" x 22" Quartz Vanity Top With Integrated Backsplash And Sink	968.13	96.33
22 42 16 13-0043	EA	49" x 22" Quartz Vanity Top With Integrated Backsplash And Sink	1,058.34	99.08
22 42 16 13-0044	EA	61" x 22" Quartz Vanity Top With Integrated Backsplash And Two Sinks	1,423.94	104.58
22 42 16 13-0045	EA	73" x 22" Quartz Vanity Top With Integrated Backsplash And Two Sinks	1,684.57	110.07
22 42 16 13-0046	EA	22" End Splash For Quartz Vanity Tops	46.71	
22 42 16 13-0047		**Solid Surface Vanity Tops** *(22 42 16 13-0001)*		
		Note: Includes predrilled holes for faucet.		
22 42 16 13-0048	EA	25" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink	665.73	82.57
22 42 16 13-0049	EA	31" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink	750.11	88.07
22 42 16 13-0050	EA	37" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink	845.82	93.57
22 42 16 13-0051	EA	43" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink	933.18	96.33
22 42 16 13-0052	EA	49" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink	1,013.04	99.08
22 42 16 13-0053	EA	55" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink	1,118.30	101.83
22 42 16 13-0054	EA	61" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink	1,247.45	104.58
22 42 16 13-0055	EA	61" x 22" Solid Surface Vanity Top With Integrated Backsplash And Two Sinks	1,279.52	104.58
22 42 16 13-0056	EA	73" x 22" Solid Surface Vanity Top With Integrated Backsplash And Two Sinks	1,382.73	110.07
22 42 16 13-0057	EA	22" End Splash For Solid Surface Vanity Tops	69.22	
22 42 16 13-0058		**Solid Surface Multi-Station Lavatory Systems** *(22 42 16 13-0001)*		
		Note: ADA compliant. Includes integral faucets.		
22 42 16 13-0059	EA	2 Station, Solid Surface Multi-Station Lavatory System With Integral Sprayheads And Infrared Controls (Bradley MG-2)	7,002.90	160.03
		For Integral Liquid Soap Dispenser, Add	*171.00*	
		For Integral Photovoltaic Power Panels, Add	*563.00*	
22 42 16 13-0060	EA	3 Station, Solid Surface Multi-Station Lavatory System With Integral Sprayheads And Infrared Controls (Bradley MG-3)	10,283.12	160.03
		For Integral Liquid Soap Dispenser, Add	*171.00*	
		For Integral Photovoltaic Power Panels, Add	*657.00*	
22 42 16 13-0061	EA	12" Length, Solid Surface Countertop Extension (Bradley MG-EXT-12)	468.47	53.34
22 42 16 13-0062	EA	18" Length, Solid Surface Countertop Extension (Bradley MG-EXT-18)	582.85	53.34
22 42 16 13-0063	EA	36" Length, Solid Surface Countertop Extension (Bradley MG-EXT-36)	1,165.42	53.34
22 42 16 13-0064		**Stainless Steel Lavatories** *(22 42 16 13-0001)*		
22 42 16 13-0065	EA	18" x 15" Wall Mounted Lavatory, Stainless Steel (Acorn 1950-1)	1,409.49	192.66
22 42 16 13-0066		**Lavatory Carriers** *(22 42 16 13)*		
22 42 16 13-0067		**Floor Mounted, Lavatory Carriers** *(22 42 16 13-0066)*		
22 42 16 13-0068		**Floor Mounted Plate Type, Lavatory Carriers** *(22 42 16 13-0067)*		
		Note: Includes adjustable supporting rods, structural uprights and welded feet.		
22 42 16 13-0069	EA	Floor Mounted Hanger Plate Type, Single Lavatory Carrier	600.38	41.84
		For Up To 4" Extension Sleeves And Hardware, Add	*33.74*	
		For Valve Plate For Attaching To Upright, Add	*115.60*	
		For Corner Carrier, Add	*224.79*	
22 42 16 13-0070	EA	Floor Mounted Bearing Plate Type, Single Lavatory Carrier	714.20	41.84
		For Up To 4" Extension Sleeves And Hardware, Add	*33.74*	
		For Valve Plate For Attaching To Upright, Add	*115.60*	
22 42 16 13-0071	EA	Floor Mounted Hanger Plate Type, Double Lavatory (Back To Back) Carrier	821.86	41.84
		For Up To 4" Extension Sleeves And Hardware, Add	*67.48*	
		For Valve Plate For Attaching To Upright, Add	*231.20*	
22 42 16 13-0072	EA	Floor Mounted Bearing Plate Type, Double Lavatory (Back To Back) Carrier	945.59	41.84
		For Up To 4" Extension Sleeves And Hardware, Add	*67.48*	
		For Valve Plate For Attaching To Upright, Add	*231.20*	
22 42 16 13-0073		**Floor Mounted, Lavatory Carriers With Arms** *(22 42 16 13-0067)*		
		Note: Includes leveling and securing screws, structural uprights and welded feet.		
22 42 16 13-0074	EA	Floor Mounted, Single Lavatory Carrier With Concealed Arms	774.17	49.54
		For Up To 6-1/2" Extension Sleeves And Hardware, Add	*33.74*	
		For Concealed Arm Carrier For Wheelchair Lavatory, Add	*46.60*	
		For Valve Plate For Attaching To Upright, Add	*117.80*	
		For 2" Chrome Plated Escutcheons, Add	*114.08*	
		For 4" Or 6" Chrome Plated Escutcheons, Add	*207.28*	
22 42 16 13-0075	EA	Floor Mounted, Single Lavatory Carrier With Exposed Acid Resistant White Coated Arms	1,139.53	49.54
		For Up To 4-1/2" Extension Sleeves And Hardware, Add	*33.74*	
		For Vandal Proof Trim, Add	*91.60*	
		For Valve Plate For Attaching To Upright, Add	*117.80*	
		For Heavy-Duty Carrier, Add	*117.29*	
22 42 16 13-0076	EA	Floor Mounted, Double Lavatory (Back To Back) Carrier With Concealed Arms	1,038.69	49.54
		For Up To 6-1/2" Extension Sleeves And Hardware, Add	*67.48*	
		For Concealed Arm Carrier For Wheelchair Lavatory, Add	*93.21*	
		For Valve Plate For Attaching To Upright, Add	*235.60*	
		For 2" Chrome Plated Escutcheons, Add	*228.16*	
		For 4" Or 6" Chrome Plated Escutcheons, Add	*414.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 16 13-0077	EA	Floor Mounted, Double Lavatory (Back To Back) Carrier With Exposed Acid Resistant White Coated Arms	1,703.53	49.54
		For Up To 4-1/2" Extension Sleeves And Hardware, Add	*67.48*	
		For Vandal Proof Trim, Add	*183.20*	
		For Valve Plate For Attaching To Upright, Add	*235.60*	
		For Heavy-Duty Carrier, Add	*234.59*	
22 42 16 13-0078		Wall Mounted, Lavatory Carriers *(22 42 16 13-0066)*		
22 42 16 13-0079		Wall Mounted Plate Type, Lavatory Carriers *(22 42 16 13-0078)*		
		Note: Includes wall plate and adjustable supporting rods.		
22 42 16 13-0080	EA	Wall Mounted Hanger Plate Type, Single Lavatory Carrier	272.32	41.84
		For Double Plate Carrier, Add	*86.64*	
22 42 16 13-0081		Wall Mounted Plate Type, Lavatory Carriers With Arms *(22 42 16 13-0078)*		
		Note: Includes wall plate and leveling and securing screws.		
22 42 16 13-0082	EA	Wall Mounted Fixed Steel Plate Type, Single Lavatory Carrier With Concealed Arms	469.48	49.54
		For Up To 4" Extension Sleeves And Hardware, Add	*33.74*	
		For 2" Chrome Plated Escutcheons, Add	*114.08*	
22 42 16 13-0083	EA	Wall Mounted Adjustable Plate Type, Single Lavatory Carrier With Concealed Arms	559.47	49.54
		For Movable Mounting Brackets, Deduct	*-86.76*	
		For Up To 4" Extension Sleeves And Hardware, Add	*33.74*	
		For 2" Chrome Plated Escutcheons, Add	*114.08*	
		For 4" Or 6" Chrome Plated Escutcheons, Add	*207.28*	
22 42 16 13-0084	EA	Wall Mounted Adjustable Plate Type, Single Lavatory Carrier With Exposed Acid Resistant White Coated Arms	837.45	49.54
		For Up To 4-1/2" Extension Sleeves And Hardware, Add	*33.74*	
		For Vandal Proof Trim, Add	*91.60*	
22 42 16 13-0085		Removal And Reinstallation Of Lavatory And Trim *(22 42 16 13)*		
		Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
22 42 16 13-0086	EA	Removal And Reinstallation Of Wall Hung Lavatory With Faucet	323.80	
22 42 16 16		**Commercial Sinks** *(22 42 16)*		
22 42 16 16-0001		Sinks *(22 42 16 16)*		
		Note: Includes drain, trap and supply valves. Excludes faucets.		
22 42 16 16-0002		Kitchen Sinks *(22 42 16 16-0001)*		
22 42 16 16-0003	EA	25" x 22" x 8-3/4" Enameled Cast Iron Kitchen Sink, Single Bowl (Kohler® Mayfield®)	710.36	103.48
22 42 16 16-0004	EA	22" x 33" x 9-5/8" Enameled Cast Iron Kitchen Sink, Double Bowl (Kohler® Brookfield®)	923.08	117.80
22 42 16 16-0005	EA	15" x 17" x 7-1/4" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR1517)	904.29	101.29
		For 18 Gauge, Add	*245.73*	
22 42 16 16-0006	EA	17" x 22" x 7-1/4" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR1722)	928.12	101.29
		For 18 Gauge, Add	*257.64*	
22 42 16 16-0007	EA	22" x 22" x 7-1/4" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR2222)	981.71	101.29
		For 18 Gauge, Add	*284.44*	
22 42 16 16-0008	EA	25" x 22" x 7-1/2" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR2522)	1,030.66	103.48
		For 18 Gauge, Add	*302.31*	
22 42 16 16-0009	EA	31" x 22" x 7-1/4" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR3122)	1,306.92	117.80
		For 18 Gauge, Add	*419.43*	
22 42 16 16-0010	EA	33" x 21" x 7-1/2" Stainless Steel Kitchen Sink, Double Bowl, 20 Gauge (Elkay PSR3321)	1,335.68	117.80
		For 18 Gauge, Add	*433.61*	
22 42 16 16-0011	EA	15" x 17" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR151710)	1,290.40	101.29
22 42 16 16-0012	EA	17" x 22" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR172210)	1,317.20	101.29
22 42 16 16-0013	EA	22" x 22" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR222210)	1,384.70	101.29
22 42 16 16-0014	EA	25" x 22" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR252210)	1,476.32	103.48
22 42 16 16-0015	EA	31" x 22" x 11-1/2" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR312210)	1,792.29	117.80
22 42 16 16-0016	EA	33" x 22" x 8" Stainless Steel Kitchen Sink, Double Bowl, 20 Gauge (Elkay LR3322)	2,205.63	117.80
		For 18 Gauge, Add	*868.58*	
22 42 16 16-0017		Undermount Kitchen Sinks *(22 42 16 16-0001)*		
22 42 16 16-0018	EA	21" x 15" x 7-1/2" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay ELU2115) With Strainer (Elkay LK99)	1,147.39	101.29
22 42 16 16-0019	EA	21" x 15" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay ELU211510) With Strainer (Elkay LK99)	1,144.50	101.29
22 42 16 16-0020	EA	21" x 15" x 7-1/2" Stainless Steel Kitchen Sink With Cutting Board, Single Bowl, 18 Gauge (Elkay ELUH2115) With Strainer (Elkay LK99)	1,157.32	101.29
22 42 16 16-0021	EA	21" x 15" x 10" Stainless Steel Kitchen Sink With Cutting Board, Single Bowl, 18 Gauge (Elkay ELUH211510) With Strainer (Elkay LK99)	1,224.81	101.29
22 42 16 16-0022	EA	21" x 15-3/4" x 4-3/8" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay ELUHAD2115) With Strainer (Elkay LK99)	1,182.13	101.29
		Note: Available in 4-1/2", 5, or 5-1/2" depths.		
22 42 16 16-0023	EA	25" x 20-1/2" x 7-7/8" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay ELUHF2520) With Strainer (Elkay LK99)	1,355.12	101.29
22 42 16 16-0024	EA	32" x 20-1/2" x 7-7/8" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay ELUHF3320) With Strainer (Elkay LK99)	1,613.76	101.29
22 42 16 16-0025	EA	21" x 18" x 5-1/2" Deep, Single Compartment Stainless Steel Sink, Undermount, 18 Gauge (Just Manufacturing Co. US-ADA-1821-A)	932.32	101.29
22 42 16 16-0026	EA	32" x 18" x 5-1/2" Deep, Two Compartment Stainless Steel Sink, Undermount, 18 Gauge (Just Manufacturing Co. UD-ADA-1832-A)	1,222.72	101.29

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 16 16-0027			**Multi-Station Wash Sink, Wall Mounted** *(22 42 16 16-0001)*		
			Note: Includes concealed wall hanger, soap dish(s), strainer, supply lines and P-Trap. Excludes faucets.		
22 42 16 16-0028		EA	36" Wide, 2 Station Enameled Cast Iron Multi-Station Wash Sink (Kohler® Brockway™)	1,927.48	178.90
			Note: Excludes faucets.		
22 42 16 16-0029		EA	48" Wide, 2 Station Enameled Cast Iron Multi-Station Wash Sink (Kohler® Brockway™)	2,553.50	192.66
			Note: Excludes faucets.		
22 42 16 16-0030		EA	60" Wide, 3 Station Enameled Cast Iron Multi-Station Wash Sink (Kohler® Brockway™)	2,928.58	206.42
			Note: Excludes faucets.		
22 42 16 16-0031		EA	48" Wide, 2 Station Stainless Steel Multi-Station Wash Sink (Bradley 6951)	2,401.06	137.62
			Note: Excludes faucets.		
22 42 16 16-0032		EA	62" Wide, 3 Station Stainless Steel Multi-Station Wash Sink (Bradley 6951)	2,668.54	151.37
			Note: Excludes faucets.		
22 42 16 16-0033		EA	80" Wide, 4 Station Stainless Steel Multi-Station Wash Sink (Bradley 6951)	2,930.69	165.14
			Note: Excludes faucets.		
22 42 16 16-0034		EA	102" Wide, 5 Station Stainless Steel Multi-Station Wash Sink (Bradley 6951)	3,255.04	185.78
			Note: Excludes faucets.		
22 42 16 16-0035		EA	27" Diameter, 2 Person, Stainless Steel, Sensor Operated Compact Wash Fountain	3,160.89	302.75
			Note: Includes sensor operated spray heads.		
22 42 16 16-0036			**Utility Or Laundry Sinks** *(22 42 16 16-0001)*		
22 42 16 16-0037		EA	23" x 21" Molded Stone Single Laundry Sink, Floor Mounted With Enamel Steel Legs (Fiat Products FL-1)	653.50	117.80
22 42 16 16-0038		EA	40" x 24" Molded Stone Double Laundry Sink, Floor Mounted With Enamel Steel Legs (Fiat Products FLTD-II)	751.17	117.80
22 42 16 16-0039		EA	22" x 17" Molded Stone Single Laundry Sink, Drop-In (Fiat Products DL1)	651.55	117.80
22 42 16 16-0040		EA	24" x 21" Enameled Cast Iron Single Laundry Sink, Floor Mounted With Metal Stand (Eljer 222-2210)	996.76	117.80
22 42 16 16-0041		EA	48" x 21" Enameled Cast Iron Double Laundry Sink, Floor Mounted With Metal Stand (Eljer 222-2220)	1,415.20	132.11
22 42 16 16-0042			**Refinish Sink/Lavatory** *(22 42 16 16-0001)*		
22 42 16 16-0043		EA	Refinish Sink/Lavatory	252.93	
22 42 16 16-0044			**Service Sinks** *(22 42 16 16-0001)*		
22 42 16 16-0045		EA	22" x 18" Enameled Cast Iron Wall Mount Service Sink With Stainless Steel Rim Guard, Trap Standard (American Standard Lakewell™)	1,097.31	177.25
22 42 16 16-0046		EA	24" x 20" Enameled Cast Iron Wall Mount Service Sink With Stainless Steel Rim Guard, Trap Standard (American Standard Akron™)	1,150.59	177.25
22 42 16 16-0047		EA	28" x 28" Enameled Cast Iron Floor Type Corner Service Sink With Removable Vinyl Coated Rim Guard (American Standard Florwell™)	1,368.73	234.49
22 42 16 16-0048		EA	12" x 12" x 10" Cast Iron Floor Sink With Dome Strainer And Full Grate (Zurn FD2377-PO3-F)	556.94	165.14
22 42 16 16-0049		EA	24" x 24" x 10" Plastic Composite Mop Service Sink With Combination Dome Strainer And Stainless Steel Lint Basket (Fiat Products MSB2424)	642.00	165.14
22 42 16 16-0050		EA	36" x 24" x 10" Plastic Composite Mop Service Sink With Combination Dome Strainer And Stainless Steel Lint Basket (Fiat Products MSB3624)	712.84	198.16
22 42 16 16-0051		EA	24" x 24" x 10" Molded Stone Mop Service Sink With Strainer (Swanstone MS-2424-010)	620.74	165.14
22 42 16 16-0052		EA	36" x 24" x 10" Molded Stone Mop Service Sink With Strainer (Swanstone MS-2436-010)	706.90	198.16
22 42 16 16-0053		EA	24" x 24" x 12" Terrazzo Mop Service Sink With Strainer (Acorn TSH-24)	1,011.29	165.14
22 42 16 16-0054		EA	36" x 24" x 12" Terrazzo Mop Service Sink With Strainer (Acorn TSH-3624)	1,248.87	198.16
22 42 16 16-0055			**Stainless Steel Sink And Drainboard** *(22 42 16 16-0001)*		
22 42 16 16-0056		EA	Stainless Steel Sink With One 24" x 24" x 14" Depth Compartment And Drain Board, 14 Gauge Stainless Steel With Tubular Adjustable Legs (Advance Tabco 94-41-24-24L)	4,411.31	275.23
22 42 16 16-0057			**Sink Carriers** *(22 42 16 16)*		
22 42 16 16-0058			**Floor Mounted, Sink Carriers** *(22 42 16 16-0057)*		
			Note: With support plates, adjustable coupling with 4" piping connection, mounting studs, structural uprights, welded feet and chrome plated trim.		
22 42 16 16-0059		EA	Floor Mounted Heavy-Duty Support Plate Type, Single Sink Carrier With 4" Adjustable Coupling	882.25	41.84
			For Vandal Proof Trim, Add	*91.60*	
			For Valve Plate For Attaching To Upright, Add	*115.60*	
22 42 16 16-0060		EA	Floor Mounted Heavy-Duty Support Plate Type, Single Sink Carrier With 4" Adjustable Coupling And 4" x 2" Waste Fitting	1,517.61	41.84
			For Vandal Proof Trim, Add	*91.60*	
			For Auxiliary Vent, Add	*268.27*	
22 42 16 16-0061		EA	Floor Mounted Heavy-Duty Support Plate Type, Single Sink Carrier With Exposed Acid Resistant White Coated Arms	1,909.70	41.84
			For Up To 4" Extension Sleeves And Hardware, Add	*69.09*	
			For Vandal Proof Trim, Add	*91.60*	
22 42 16 16-0062			**Removal And Reinstallation Of Sink And Trim** *(22 42 16 16)*		
			Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
22 42 16 16-0063		EA	Removal And Reinstallation Of Wall Hung Service Sink With Faucet	443.92	
22 42 16 16-0064			**Portable Sinks** *(22 42 16 16)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 16 16-0065	EA	62" Height x 30" Width x 27-3/8" Deep, Portable Hand Sink, Cold Water (Crown Verity CV-PHS-5C) Note: Includes polyethylene construction, (1) 18" wide x 13" front-to-back x 6" deep bowl, lockable access door, (1) 5 gallon (20 liter) removable fresh water tank, (1) 7.5 gallon (30 liter) removable waste water tank, hands free mechanical foot pump, backsplash with soap and towel dispensers, ability to connect directly to city water and drain hookups.	2,318.40	

22 42 19 Commercial Bathtubs *(22 42)*

22 42 19 00-0001 Recessed Alcove Bathtubs *(22 42 19)*

22 42 19 00-0002 Porcelain Enameled Cast Iron, Recessed Alcove Bathtubs *(22 42 19 00-0001)*

22 42 19 00-0003	EA	54" x 30-1/4" x 14", Porcelain Enameled Cast Iron, Recessed Alcove Bathtub (Kohler® Seaforth™)	1,513.88	306.05
22 42 19 00-0004	EA	60" x 32" x 16-1/4", Porcelain Enameled Cast Iron, Recessed Alcove Bathtub (Kohler® Mendota®)	1,304.08	306.05
22 42 19 00-0005	EA	60" x 32" x 16-1/4", Porcelain Enameled Cast Iron, Recessed Alcove Bathtub (Kohler® Dynametric®)	1,519.15	306.05
22 42 19 00-0006	EA	66" x 32" x 17", Porcelain Enameled Cast Iron, Recessed Alcove Bathtub (Kohler® Bellwether®)	1,941.10	306.05

22 42 19 00-0007 Porcelain Enameled Steel, Recessed Alcove Bathtubs *(22 42 19 00-0001)*

22 42 19 00-0008	EA	60" x 30" x 14-1/4", Porcelain Enameled Steel, Recessed Alcove Bathtub (American Standard New Salem®)	697.98	306.05
22 42 19 00-0009	EA	60" x 30" x 16-5/8", Porcelain Enameled Steel, Recessed Alcove Bathtub (American Standard New Solar®)	713.00	306.05

22 42 19 00-0010 Porcelain Finished Metal Alloy, Recessed Alcove Bathtubs *(22 42 19 00-0001)*

22 42 19 00-0011	EA	60" x 32" x 17-3/4", Porcelain Finished Metal Alloy, Recessed Alcove Bathtub (American Standard Cambridge™)	1,008.77	306.05

22 42 19 00-0012 Acrylic, Recessed Alcove Bathtubs *(22 42 19 00-0001)*

22 42 19 00-0013	EA	60" x 32" x 19", Acrylic, Recessed Alcove Bathtub (Kohler® Archer®)	1,064.27	306.05
22 42 19 00-0014	EA	60" x 36" x 20", Acrylic, Recessed Alcove Bathtub (Kohler® Mariposa®)	1,218.82	306.05
22 42 19 00-0015	EA	66" x 36" x 20", Acrylic, Recessed Alcove Bathtub (Kohler® Mariposa®)	1,242.28	306.05
22 42 19 00-0016	EA	72" x 36" x 20", Acrylic, Recessed Alcove Bathtub (Kohler® Mariposa®)	1,227.86	306.05
22 42 19 00-0017	EA	72" x 42" x 21", Acrylic, Recessed Alcove Bathtub (Kohler® Windward®)	1,279.73	306.05

22 42 19 00-0018 Bathtub Refinishing *(22 42 19 00-0001)*

22 42 19 00-0019	EA	Refinish Porcelain Finished Bathtub With Acrylic Urethane Enamel	651.70	

22 42 19 00-0020 Tub And Shower Combinations *(22 42 19)*

22 42 19 00-0021 Acrylic Tub And Shower Combination *(22 42 19 00-0020)*

22 42 19 00-0022	EA	1 Piece, 60" x 32" x 72" Acrylic Tub And Shower (Delta 226032)	1,328.51	115.22
		For 2 Piece Enclosure, Deduct	*-288.82*	

22 42 19 00-0023 Fiberglass Tub And Shower Combination *(22 42 19 00-0020)*

22 42 19 00-0024	EA	1 Piece 60" x 32" x 72" Fiberglass Tub And Shower (Aquatic 2603-SG)	875.67	115.22
22 42 19 00-0025	EA	2 Piece 60" x 30" x 72" Fiberglass Tub And Shower (Aquatic 2603-2P)	688.52	76.81
22 42 19 00-0026	EA	4 Piece 60" x 32" x 75-1/2" Fiberglass Tub And Shower (Aquatic 26030-4P)	1,383.46	173.91
22 42 19 00-0027	EA	3 Piece Tub/Shower Surrounds, 32" x 72" Side Walls, 48" x 72" Back, (Swanstone SK-324872)	3,588.50	365.15
		For 2 Piece Enclosure, Deduct	*-745.36*	

22 42 23 Commercial Showers *(22 42)*

22 42 23 00-0001 Shower Enclosures *(22 42 23)*

Note: Includes precast concrete receptors. Excludes plumbing hook-up and door or curtain.

22 42 23 00-0002 Powder Coated Or Baked Enamel Steel Shower Enclosure *(22 42 23 00-0001)*

22 42 23 00-0003	EA	32" x 32" x 82" Baked Enamel Steel Shower Enclosure (General Partitions)	1,783.25	177.57
22 42 23 00-0004	EA	36" x 36" x 82" Baked Enamel Steel Shower Enclosure (General Partitions)	1,783.25	177.57
22 42 23 00-0005	EA	40" x 40" x 82" Baked Enamel Steel Shower Enclosure (General Partitions)	2,697.25	177.57
22 42 23 00-0006	EA	40" x 48" x 82" Handicapped, Baked Enamel Steel Shower Enclosure (General Partitions)	2,968.59	177.57

22 42 23 00-0007 Solid Plastic Core High-Density Polymer (HDP) Shower Enclosure *(22 42 23 00-0001)*

22 42 23 00-0008	EA	32" x 32" x 82" Single Opening Solid Plastic Shower Enclosure (General Partitions)	2,940.03	177.57
22 42 23 00-0009	EA	36" x 36" x 82" Single Opening Solid Plastic Shower Enclosure (General Partitions)	2,940.03	177.57
22 42 23 00-0010	EA	40" x 40" x 82" Single Opening Solid Plastic Shower Enclosure (General Partitions)	4,225.34	177.57
22 42 23 00-0011	EA	40" x 48" x 82" Handicapped, Solid Plastic Shower Enclosure (General Partitions)	4,725.18	177.57

22 42 23 00-0012 Composite Fiberglass Shower Enclosure, 4 Piece Knock-Down *(22 42 23 00-0001)*

22 42 23 00-0013	EA	32" x 32" x 76" Composite Shower Enclosure, 4 Piece (Aquatic 3232CS)	1,492.07	177.57
22 42 23 00-0014	EA	36" x 36" x 76" Composite Shower Enclosure, 4 Piece (Aquatic 3636CS)	1,534.25	177.57
22 42 23 00-0015	EA	34" x 48" x 76" Composite Shower Enclosure, 4 Piece (Aquatic 4834CS)	1,576.44	177.57
22 42 23 00-0016	EA	30" x 60" x 76" Composite Shower Enclosure, 4 Piece (Aquatic 6030CSL)	1,660.81	177.57
22 42 23 00-0017	EA	34" x 60" x 76" Composite Shower Enclosure, 4 Piece (Aquatic 6034CS)	1,772.61	177.57

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 23 00-0018		1 Piece Shower Units *(22 42 23)*		
22 42 23 00-0019	EA	1 Piece, 32" x 32" x 73" Fiberglass Shower With Drain (Swanstone FS03232)	1,283.29	115.22
22 42 23 00-0020	EA	1 Piece, 36" x 36" x 73" Fiberglass Shower With Drain (Swanstone FS03636)	1,438.19	115.22
22 42 23 00-0021		Personnel Type Shower Receptors *(22 42 23)*		
22 42 23 00-0022		Acrylic Shower Receptors *(22 42 23 00-0021)*		
22 42 23 00-0023	EA	36" x 36" Acrylic Shower Receptor	466.08	44.84
22 42 23 00-0024	EA	42" x 42" Acrylic Shower Receptor	492.49	44.84
22 42 23 00-0025	EA	48" x 48" Acrylic Shower Receptor	545.22	44.84
22 42 23 00-0026	EA	60" x 60" Acrylic Shower Receptor	663.04	53.80
22 42 23 00-0027	EA	48" x 32" Acrylic Shower Receptor	467.32	44.84
22 42 23 00-0028	EA	48" x 36" Acrylic Shower Receptor	502.05	44.84
22 42 23 00-0029	EA	48" x 42" Acrylic Shower Receptor	566.66	44.84
22 42 23 00-0030	EA	60" x 32" Acrylic Shower Receptor	630.17	53.80
22 42 23 00-0031	EA	60" x 36" Acrylic Shower Receptor	634.64	53.80
22 42 23 00-0032	EA	60" x 42" Acrylic Shower Receptor	638.74	53.80
22 42 23 00-0033	EA	60" x 48" Acrylic Shower Receptor	702.94	53.80
22 42 23 00-0034	EA	36" x 36" Acrylic Corner Shower Receptor	677.75	44.84
22 42 23 00-0035	EA	42" x 42" Acrylic Corner Shower Receptor	777.42	44.84
22 42 23 00-0036		Molded Stone Shower Receptors *(22 42 23 00-0021)*		
22 42 23 00-0037	EA	32" x 32" Molded Stone Shower Receptor (Fiat 32WL)	312.52	44.84
22 42 23 00-0038	EA	34" x 34" Molded Stone Shower Receptor (Fiat 34WL)	327.42	44.84
22 42 23 00-0039	EA	36" x 36" Molded Stone Shower Receptor (Fiat 36WL)	329.08	44.84
22 42 23 00-0040	EA	42" x 42" Molded Stone Shower Receptor (Fiat 4242WL)	402.75	44.84
22 42 23 00-0041	EA	42" x 34" Molded Stone Shower Receptor (Fiat 42WL)	358.05	44.84
22 42 23 00-0042	EA	48" x 32" Molded Stone Shower Receptor (Fiat 4832WL)	378.75	44.84
22 42 23 00-0043	EA	48" x 34" Molded Stone Shower Receptor (Fiat 48WL)	381.23	44.84
22 42 23 00-0044	EA	54" x 34" Molded Stone Shower Receptor (Fiat 54WL)	441.76	53.80
22 42 23 00-0045	EA	60" x 34" Molded Stone Shower Receptor (Fiat 60WL)	457.49	53.80
22 42 23 00-0046	EA	36" x 36" Molded Stone Corner Shower Receptor (Fiat 36WLC)	362.19	44.84
22 42 23 00-0047	EA	38" x 38" Molded Stone Corner Shower Receptor (Fiat 38WLC)	371.30	44.84
22 42 23 00-0048		Precast Terrazzo Shower Receptors *(22 42 23 00-0021)*		
22 42 23 00-0049	EA	30" x 30" Precast Terrazzo Shower Receptor	582.39	44.84
22 42 23 00-0050	EA	32" x 32" Precast Terrazzo Shower Receptor	604.74	44.84
22 42 23 00-0051	EA	34" x 34" Precast Terrazzo Shower Receptor	625.44	44.84
22 42 23 00-0052	EA	36" x 36" Precast Terrazzo Shower Receptor	627.92	44.84
22 42 23 00-0053	EA	40" x 40" Precast Terrazzo Shower Receptor	686.70	44.84
22 42 23 00-0054	EA	42" x 42" Precast Terrazzo Shower Receptor	716.50	44.84
22 42 23 00-0055	EA	48" x 48" Precast Terrazzo Shower Receptor	1,004.58	44.84
22 42 23 00-0056	EA	36" x 32" Precast Terrazzo Shower Receptor	620.47	44.84
22 42 23 00-0057	EA	42" x 32" Precast Terrazzo Shower Receptor	632.34	44.84
22 42 23 00-0058	EA	42" x 34" Precast Terrazzo Shower Receptor	653.58	44.84
22 42 23 00-0059	EA	42" x 36" Precast Terrazzo Shower Receptor	680.07	44.84
22 42 23 00-0060	EA	32" x 48" Precast Terrazzo Shower Receptor	682.56	44.84
22 42 23 00-0061	EA	48" x 34" Precast Terrazzo Shower Receptor	716.50	44.84
22 42 23 00-0062	EA	54" x 32" Precast Terrazzo Shower Receptor	750.44	44.84
22 42 23 00-0063	EA	60" x 30" Precast Terrazzo Shower Receptor	1,013.48	53.80
22 42 23 00-0064	EA	60" x 32" Precast Terrazzo Shower Receptor	1,107.41	53.80
22 42 23 00-0065	EA	60" x 34" Precast Terrazzo Shower Receptor	1,112.02	53.80
22 42 23 00-0066	EA	60" x 36" Precast Terrazzo Shower Receptor	1,116.60	53.80
22 42 23 00-0067	EA	32" x 32" Precast Terrazzo Corner Shower Receptor	631.23	44.84
22 42 23 00-0068	EA	34" x 34" Precast Terrazzo Corner Shower Receptor	632.34	44.84
22 42 23 00-0069	EA	36" x 36" Precast Terrazzo Corner Shower Receptor	634.54	44.84
22 42 23 00-0070	EA	40" x 40" Precast Terrazzo Corner Shower Receptor	759.54	44.84
22 42 23 00-0071	EA	36" x 36", ADA Wheelchair Accessible, Precast Terrazzo Shower Receptor	1,376.27	44.84
22 42 23 00-0072	EA	60" x 30", ADA Wheelchair Accessible, Precast Terrazzo Shower Receptor	1,532.83	53.80
22 42 23 00-0073	EA	60" x 36", ADA Wheelchair Accessible, Precast Terrazzo Shower Receptor	1,597.40	53.80
22 42 23 00-0074		Shower Receptors Accessories *(22 42 23 00-0021)*		
22 42 23 00-0075	SF	Polyvinyl Chloride (PVC) Shower Pan Liner	3.96	
22 42 23 00-0076		Removal And Reinstallation Of Fixtures And Trim *(22 42 23)*		
		Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
22 42 23 00-0077	EA	Removal And Reinstallation Of Shower Head	53.80	

22 42 26 Commercial Disposers *(22 42)*

See CSI section 22 41 26 00-0001 for disposals.

22 42 33 Wash Fountains *(22 42)*

22 42 33 00-0001 Circular Wash Fountain, Deep Bowl *(22 42 33)*

Note: Includes trim and trap. 2" IPS waste outlets foot control/hand control operated.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 33 00-0002	EA	36" Stainless Steel Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2705F-A-LSD)	9,716.09	186.71
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0003	EA	36" Bradstone® Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2805F-A-LSD)	5,017.55	186.71
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0004	EA	36" Terreon® Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley TDB3105AIRLSDE)	8,646.99	186.71
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0005	EA	54" Stainless Steel Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2708F-A-LSD)	12,386.34	213.38
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0006	EA	54" Bradstone® Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2808F-A-LSD)	5,788.46	213.38
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0007	EA	54" Terreon® Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley TDB3108AIRLSDE)	10,356.74	213.38
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	

22 42 33 00-0008 Semi-Circular Wash Fountain, Deep Bowl *(22 42 33)*

Note: Includes trim and trap. 2" IPS waste outlets foot control/hand control operated.

22 42 33 00-0009	EA	36" Stainless Steel Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2703F-A-LSD)	8,477.56	160.03
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0010	EA	36" Bradstone® Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2803F-A-LSD)	4,576.97	160.03
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0011	EA	36" Terreon® Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley TDB3103AIRLSDE)	6,563.32	160.03
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0012	EA	54" Stainless Steel Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2704F-A-LSD)	10,403.55	186.71
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0013	EA	54" Bradstone® Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2804F-A-LSD)	5,520.37	186.71
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0014	EA	54" Terreon® Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley TDB3104AIRLSDE)	7,806.19	186.71
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	

22 42 39 Commercial Faucets, Supplies, and Trim *(22 42)*

22 42 39 00-0001 Kitchen Faucets *(22 42 39)*

22 42 39 00-0002	EA	Top Cast Kitchen Faucet, Single Handle, Chrome Finish (Delta 140-DST)	224.85	55.05
22 42 39 00-0003	EA	Top Cast Kitchen Faucet With Spray, Single Handle, Chrome Finish (Delta 440-DST)	254.59	55.05
22 42 39 00-0004	EA	Top Cast Kitchen Faucet, Single Handle, Stainless Steel Finish (Delta 140-SS-DST)	215.13	55.05
22 42 39 00-0005	EA	Top Cast Kitchen Faucet With Spray, Single Handle, Stainless Steel Finish (Delta 440 -SS-DST)	242.93	55.05
22 42 39 00-0006	EA	Top Cast Kitchen Faucet, Two Handle, Chrome Finish, 8" Center, Lever Handles (Delta 2102LF-LHP+H24)	209.13	55.05
22 42 39 00-0007	EA	Top Cast Kitchen Faucet With Spray, Two Handle, Chrome Finish, 8" Center, Lever Handles (Delta 2402LF-LHP+H24)	230.09	55.05
22 42 39 00-0008	EA	Top Cast Kitchen Faucet, Two Handle, Chrome Finish, Center Gooseneck Faucet, Lever Handles (Delta 21987LF)	300.70	55.05
22 42 39 00-0009	EA	Top Cast Kitchen Faucet With Spray, Two Handle, Chrome Finish, Center Gooseneck Faucet, Lever Handles (Delta 21996LF)	212.09	55.05
22 42 39 00-0010	EA	Bottom Mount Kitchen Faucet, Single Handle, Chrome Finish (Delta 101LF-WF)	204.16	55.05
22 42 39 00-0011	EA	Bottom Mount Kitchen Faucet With Spray, Single Handle, Chrome Finish (Delta 175LF-WF)	242.93	55.05
22 42 39 00-0012	EA	Bottom Mount Kitchen Faucet, Two Handle, Chrome Finish, Gooseneck Faucet, Lever Handles (Delta 2274-LHP+H24)	422.54	55.05
22 42 39 00-0013	EA	Bottom Mount Kitchen Faucet With Spray, Two Handle, Chrome Finish, Gooseneck Faucet, Lever Handles (Delta 2276-LHP+H24)	464.18	55.05
22 42 39 00-0014	EA	Deck Mount Sink Faucet, 8" Center Set, Lever Handles (Chicago Faucet 1100 ABCP)	436.34	59.78
22 42 39 00-0015	EA	Deck Mount Sink Faucet, 8" Center Set, 4" Wristblade Handles (Chicago Faucet 1100-GN2AE3-317CP)	434.31	59.78
22 42 39 00-0016	EA	Deck Mount Gooseneck Sink Faucet, 4" Center Set, Blade Handles (Chicago Faucet 802-317CP)	322.27	59.78
22 42 39 00-0017	EA	Chrome Single Handle Kitchen Faucet With Integrated Spray (Elkay LKGT1041CR)	754.86	55.05
22 42 39 00-0018	EA	Brushed Nickel Single Handle Kitchen Faucet With Integrated Spray (Elkay LKGT1041NK)	956.93	55.05
22 42 39 00-0019	EA	Oil Rubbed Bronze Single Handle Kitchen Faucet With Integrated Spray (Elkay LKGT1041RB)	1,024.29	55.05
22 42 39 00-0020	EA	Chrome Single Handle Kitchen Faucet With Integrated Spray, 1.5 GPM Aerator (Elkay LKLFGT1041CR)	754.86	55.05
22 42 39 00-0021	EA	Brushed Nickel Single Handle Kitchen Faucet With Integrated Spray, 1.5 GPM Aerator (Elkay LKLFGT1041NK)	956.93	55.05
22 42 39 00-0022	EA	Oil Rubbed Bronze Single Handle Kitchen Faucet With Integrated Spray, 1.5 GPM Aerator (Elkay LKLFGT1041RB)	1,024.29	55.05

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 39 00-0023	EA	Kitchen Faucet, Single Handle, Chrome Finish (Moen 7425)	246.59	55.05
22 42 39 00-0024		**Lavatory Faucets** *(22 42 39)*		
22 42 39 00-0025	EA	Single Handle Centerset Lavatory Faucet, Polished Chrome Finish (Delta Lahara 538-MPU-DST)	276.45	39.63
22 42 39 00-0026	EA	4" Centerset Lavatory Faucet With Chrome Lever Handle (Delta 501LF-WF)	190.42	39.63
22 42 39 00-0027	EA	4" Classic Style Centerset Lavatory Faucet With Chrome Lever Handles (Delta 2523LF-MPU)	237.48	39.63
22 42 39 00-0028	EA	4" Centerset Lavatory Faucet With Chrome Lever Handles (Delta 2529LF-HDM)	260.95	39.63
22 42 39 00-0029	EA	Classic Style Widespread Lavatory Faucet With Chrome Lever Handles (Delta 3530LF-MPU)	321.56	39.63
22 42 39 00-0030	EA	Widespread Lavatory Gooseneck Faucet With Chrome Lever Handles (Delta 3579LF-WFHDF)	375.39	39.63
22 42 39 00-0031	EA	Self Closing/Metered Faucet, Brass, Single Hole, Push Handle (Delta 86T104)	227.36	39.63
22 42 39 00-0032	EA	Self Closing/Metered Faucet, Double Hole, Push Handles (American Standard 1340.225.002)	348.53	39.63
22 42 39 00-0033	EA	Single Inlet, Push Handle Metering Faucet, ADA (Chicago Faucet 333-665)	249.87	39.63
22 42 39 00-0034	EA	3" Reach, 4-Arm Handle Single Basin Faucet (T&S Brass 0710)	255.77	39.63
22 42 39 00-0035	EA	3" Reach, Push Handle Self-Closing Valve, Single Basin Metering Faucet (T&S Brass 0712)	309.83	39.63
22 42 39 00-0036	EA	4" Reach, Push Handle Self-Closing Valve, Single Basin Metering Faucet (T&S Brass 0805)	303.44	39.63
22 42 39 00-0037	EA	4" Classic Style Centerset Lavatory Faucet With Chrome Lever Handles (Zurn Z81104)	247.05	39.63
22 42 39 00-0038		**Bath And Shower Faucets** *(22 42 39)*		
22 42 39 00-0039		**Bath And Shower Faucets With Valve Body** *(22 42 39 00-0038)*		
22 42 39 00-0040	EA	Single Lever Handle, Chrome Tub Filler, Pressure-Balance (American Standard T480 500)	254.79	47.78
22 42 39 00-0041	EA	Single Lever Handle, Chrome Shower Only, Pressure-Balance (American Standard T480.501)	299.18	47.78
22 42 39 00-0042	EA	Single Lever Handle, Chrome Shower And Tub Filler, Pressure-Balance (American Standard T480.502)	327.63	47.78
22 42 39 00-0043	EA	Two Lever Handle, Chrome Tub Filler (American Standard Colony Soft 3275.505)	235.45	47.78
		For Faucet With Metal Cross Handles, Add	*45.75*	
22 42 39 00-0044	EA	Two Lever Handle, Chrome Shower Only (American Standard Colony Soft 3275.501)	246.83	47.78
		For Faucet With Metal Cross Handles, Add	*45.75*	
22 42 39 00-0045	EA	Two Lever Handle, Chrome Shower And Tub Filler (American Standard Colony Soft 3275.502)	279.83	47.78
		For Faucet With Metal Cross Handles, Add	*45.75*	
22 42 39 00-0046	EA	Three Lever Handle, Chrome Shower And Tub Filler (American Standard Colony Soft 3375.502)	317.39	47.78
		For Faucet With Metal Cross Handles, Add	*45.75*	
22 42 39 00-0047		**Shower Valves And Trim** *(22 42 39)*		
		See CSI section 22 41 39 00-0017 for residential shower valves and heads.		
22 42 39 00-0048	EA	Removable Hand Held Shower With Hose Wall Hook And Inline Vacuum Breaker (Powers 141-318 with 141-319)	409.93	74.31
22 42 39 00-0049	EA	Concealed Thermostatic/Pressure Balancing Control Valve With Chrome Plated Shower Head (Chicago Faucet 2502-600CP)	930.83	74.31
22 42 39 00-0050	EA	Concealed Pressure Balancing Control Valve With Chrome Plated Shower Head (Chicago Faucet 1762-ISCP)	643.88	74.31
22 42 39 00-0051	EA	Senior Institutional Shower Head (Symmons® 4-150)	247.68	47.78
22 42 39 00-0052	EA	Universal Institutional Shower Head (Symmons® 4-151)	417.14	47.78
22 42 39 00-0053	EA	Fre-Flo Institutional Shower Head (Symmons® 4-295)	292.29	47.78
22 42 39 00-0054	EA	Fre-Flo Institutional Shower Head With Short Arm (Symmons® 4-385)	219.23	47.78
22 42 39 00-0055	EA	Wall Mounted Shower Valve And Slide Bar, Single Lever Concealed Mixer (Symmons® 96-300-B30-V-X)	932.78	71.56
22 42 39 00-0056	EA	Wall Mounted Shower Valve, Tub Faucet, And Slide Bar, Single Lever Concealed Mixer (Symmons® 96-400-B30-V-X)	762.47	82.57
22 42 39 00-0057	EA	Wall Mounted Shower Valve, Slide Bar And Head, Single Lever Concealed Mixer (Symmons® 96-500-B30-V-X)	1,009.78	82.57
22 42 39 00-0058	EA	Wall Mounted Shower Valve, Tub Faucet, Slide Bar And Head, Single Lever Concealed Mixer (Symmons® 96-600-B30-V-X)	1,425.10	88.07
22 42 39 00-0059	EA	Stainless Steel Shower System With Thru-Wall Exposed Piping Covering, Adjustable Shower Head, Soap Dish, Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-801S/1-802S)	1,294.59	74.31
		For Hand Spray, Hose And Wall Hooks, Add	*106.44*	
		For Recessed Soap Dish, Add	*108.12*	
		For Hand Spray, Hose And 30" Slide Bar, Add	*165.51*	
		For Pressure Balance And Metering Combination, Add	*291.63*	
22 42 39 00-0060	EA	Stainless Steel Corner Shower System With Thru-Wall Exposed Piping Covering, Adjustable Shower Head, Soap Dish, Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-807)	1,541.55	74.31
		For Hand Spray, Hose And Wall Hooks, Add	*106.44*	
		For Recessed Soap Dish, Add	*108.12*	
		For Hand Spray, Hose And 30" Slide Bar, Add	*165.51*	
		For Pressure Balance And Metering Combination, Add	*291.63*	
22 42 39 00-0061	EA	Stainless Steel Institutional Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-901S)	1,045.63	74.31
		For Hand Spray, Hose And Wall Hooks, Add	*19.32*	
		For Hand Spray, Hose And 30" Slide Bar, Add	*78.39*	
		For Pressure Balance And Metering Combination, Add	*291.63*	
22 42 39 00-0062	EA	Stainless Steel Institutional Shower System With Flat Wall Recessed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-911RS)	1,584.97	74.31
		For Pressure Balance And Metering Combination, Add	*291.63*	
22 42 39 00-0063	EA	Stainless Steel Double Outlet Institutional Shower System With Thru-Ceiling Exposed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-902S-FS)	1,701.23	74.31
		For Hand Spray, Hose And 30" Slide Bar, Add	*59.07*	
		For Pressure Balance And Metering Combination, Add	*291.63*	
22 42 39 00-0064	EA	Stainless Steel Institutional Triple Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Heads, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-931)	3,149.28	74.31
		For Recessed Soap Dish, Add	*83.94*	
		For Pressure Balance And Metering Combination, Add	*227.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 39 00-0065	EA	Stainless Steel Institutional Double Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Heads, Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-921)	2,749.41	74.31
		For Recessed Soap Dish, Add	*83.94*	
		For Pressure Balance And Metering Combination, Add	*291.63*	
22 42 39 00-0066	EA	Stainless Steel Tub And Shower System With Thru-Wall Exposed Piping Covering, Adjustable Shower Head, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-941-231)	1,373.78	74.31
22 42 39 00-0067	EA	Stainless Steel Double Outlet Institutional Shower System With Flat Wall Recessed Piping Covering, Vandal Resistant Adjustable Shower Head, Hand Spray, Hose, Wall Hooks, Soap Dish And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-912RS-FS)	2,115.61	74.31
		For Hand Spray, Hose And 30" Slide Bar, Add	*59.07*	
		For Pressure Balance And Metering Combination, Add	*291.63*	
22 42 39 00-0068	EA	Stainless Steel Single Supply Institutional Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-901S-60)	1,371.92	74.31
22 42 39 00-0069	EA	Stainless Steel Single Supply Single Outlet Institutional Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-901S-22-FS)	1,367.82	74.31
		For Hand Spray, Hose And 30" Slide Bar, Add	*59.07*	
22 42 39 00-0070	EA	Single Lever Handle, Chrome, Pressure-Balance, Shower System (Symmons SafetyMix 1-100-X-3/4)	1,010.27	66.06
22 42 39 00-0071	EA	Single Lever Handle, Chrome, Pressure-Balance, Shower Valve (Symmons SafetyMix 4-500)	781.79	47.78

22 42 39 00-0072 Service Sink Faucets *(22 42 39)*

22 42 39 00-0073	EA	4-5/8" Spout With Vacuum Breaker, Wall Mount Service Sink Faucet With Lever Handles (Kohler® Kinlock™)	550.07	91.65
22 42 39 00-0074	EA	3" Spout, Wall Mount, Service Sink Faucet With Lever Handles (American Standard 8340.235)	391.42	91.65
22 42 39 00-0075	EA	3" Spout With Vacuum Breaker, Wall Mount Service Sink Faucet With Lever Handles (American Standard 8340.243)	422.14	91.65
22 42 39 00-0076	EA	6" Spout With Vacuum Breaker And Top Brace, Wall Mount Service Sink Faucet, Lever Handles (American Standard 8344.012)	438.08	91.65
22 42 39 00-0077	EA	7-1/4" Spout With Bottom Fork Brace, Stops In Integral Arm, Wall Mount Service Sink Faucet With Wrist Blade Handles (American Standard 8355.101)	571.65	128.48
22 42 39 00-0078	EA	7-1/4" Spout With Vacuum Break And Bottom Fork Brace, Stops In Integral Arm, Wall Mount Service Sink Faucet With Wrist Blade Handles (American Standard 8355.110)	640.14	146.42
22 42 39 00-0079	EA	11" Spout With Bottom Fork Brace, Stops In Integral Arm, Wall Mount Service Sink Faucet With Wrist Blade Handles (American Standard 8345.115)	740.29	146.42
22 42 39 00-0080	EA	44" Flexible Stainless Steel Hose With Insulated Handle, 23" Riser, Pre-Rinse Faucet (Chicago Faucet 923-XKCAB)	891.43	146.42

22 42 39 00-0081 Laboratory Faucets And Fittings *(22 42 39)*

22 42 39 00-0082	EA	Cold Faucet, Single Deck Mount, Gooseneck Spout With Serrated Nozzle Outlet, Laboratory Faucet (Chicago Faucet 927)	223.14	38.98
22 42 39 00-0083	EA	Single Deck Mount, Gooseneck Spout With Serrated Nozzle Outlet, Hot And Cold, Laboratory Faucet (Chicago Faucet 929)	365.86	55.05
22 42 39 00-0084	EA	Single Deck Mount, Gooseneck Spout With Serrated Nozzle Outlet, Hot And Cold, Laboratory Faucet With Vacuum Breaker (Chicago Faucet 930)	475.38	55.05
22 42 39 00-0085	EA	Cold Wall Mount, Gooseneck Spout With Aerator, Laboratory Faucet (Chicago Faucet 933)	291.05	51.41
22 42 39 00-0086	EA	6" Spout With Aerator, Wall Mount, Hot And Cold, Laboratory Faucet (Chicago Faucet 940)	395.24	73.32
22 42 39 00-0087	EA	6" Spout With Aerator And Vacuum Breaker, Wall Mount, Hot And Cold, Laboratory Faucet (Chicago Faucet 940-VBE7-CP)	538.03	73.32
22 42 39 00-0088	EA	Dual Deck Mount, Gooseneck Spout With Serrated Nozzle Outlet, Hot And Cold, Laboratory Faucet (Chicago Faucet 946)	430.68	55.05
22 42 39 00-0089	EA	Gooseneck Spout With Aerator, Wall Mount, Hot And Cold, Laboratory Faucet (Chicago Faucet 942)	421.19	73.32
22 42 39 00-0090	EA	Single Control, Single Hole Deck Mount Sink Faucet (Chicago Faucet 350-CP)	276.30	42.32
22 42 39 00-0091	EA	Dual Control, Single Hole Deck Mount Sink Faucet (Chicago Faucet 50-CP)	389.24	59.78
22 42 39 00-0092	EA	4" Center Set, Deck Mount, Lavatory Faucet With Blade Handles (Chicago Faucet 802)	298.75	59.78
22 42 39 00-0093	EA	4" Center Set, Deck Mount, Gooseneck Sink Faucet With Blade Handles (Chicago Faucet 895-317ABCP)	365.91	59.78
22 42 39 00-0094	EA	Gas Ball Valve, Removable Nozzle, With Index Button (Chicago Faucet 909-AGVCP)	93.75	36.77
22 42 39 00-0095	EA	Dual Service Lab Fitting, Two Gas And One Water Outlet (Chicago Faucet 1332-CP)	597.19	66.06
22 42 39 00-0096	EA	Dual Service Lab Fitting With Wristblade Handle, Two Gas And One Water Outlet (Chicago Faucet 1332-317CP)	769.70	66.06
22 42 39 00-0097	EA	Dual Service Lab Fitting With Metal Cross Handle, Inline Vacuum Breaker, Two Gas And One Water Outlet (Chicago Faucet 1332-E22E7-204CP)	926.87	66.06
22 42 39 00-0098	EA	Dual Service Lab Fitting With Plastic Cross Handle, Two Gas And One Water Outlet (Chicago Faucet 1332-E22E7CP)	818.94	66.06
22 42 39 00-0099	EA	Dual Service Lab Fitting With Chemical Resistant Coating And Plastic Cross Handle, Two Gas And One Water Outlet (Chicago Faucet 1332-E22E7SAM)	976.32	66.06
22 42 39 00-0100	EA	Single, Deck Mounted Laboratory Ball Valve Assembly (Watersaver L4100-131WSA)	163.34	36.33
22 42 39 00-0101	EA	90 Degree Double, Deck Mounted Laboratory Ball Valve Assembly (Watersaver L4100-132AWSA)	229.57	43.60
22 42 39 00-0102	EA	180 Degree Double, Deck Mounted Laboratory Ball Valve Assembly (Watersaver L4100-132SWSA)	229.57	43.60
22 42 39 00-0103	EA	Three Way, Deck Mounted Laboratory Ball Valve Assembly (Watersaver L4100-133WSA)	295.81	50.86
22 42 39 00-0104	EA	Four Way, Deck Mounted Laboratory Ball Valve Assembly (Watersaver L4100-134WSA)	362.04	58.13

22 42 39 00-0105 Gooseneck Faucets With Independent Eyewash *(22 42 39)*

22 42 39 00-0106	EA	Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-CA)	933.90	41.28
22 42 39 00-0107	EA	Single Lever Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-CA-SL)	1,013.31	38.53
22 42 39 00-0108	EA	8" Stem, Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-CA-8)	1,309.31	41.28
22 42 39 00-0109	EA	Serrated Tip With Vacuum Breaker, Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-ST)	1,383.21	41.28
22 42 39 00-0110	EA	Thermostatic Mixing Valve Kit For The SEF-1800 (Speakman SEF-TW)	1,683.53	27.53

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 39 00-0111	EA	Foot Pedal Activation, Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-FP)	2,024.08	68.81
22 42 39 00-0112	EA	Thermostatic Mixing Valve Kit, Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-CA-TW)	2,830.26	68.81
22 42 39 00-0113	EA	8" Stem, Thermostatic Mixing Valve Kit, Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-CA-8TW)	2,924.31	68.81
22 42 39 00-0114	EA	Adjustable Aerated Outlet Heads, Gooseneck Faucet Mounted Eyewash (WaterSaver EW101)	362.81	41.85
22 42 39 00-0115	EA	Gooseneck Faucet Mounted Eyewash With Faucet Control Valve (WaterSaver EW200)	401.28	41.85
22 42 39 00-0116	EA	Gooseneck Faucet Mounted Eyewash With Faucet Control Valve (WaterSaver EW201)	434.89	41.85
22 42 39 00-0117	EA	6 Gallon Capacity, Tempering Valve (WaterSaver AP3600)	1,991.75	27.53
22 42 39 00-0118		**Bubblers And Glass Fillers** *(22 42 39)*		
22 42 39 00-0119	EA	Self-Closing Bubbler Faucet, Metering Handle (Chicago Faucet 748-665CP)	396.13	38.98
22 42 39 00-0120	EA	Wall Mount Glass Filler, 1/2" Flanged Female Inlet (Chicago Faucet 313-CP)	351.64	51.41
22 42 39 00-0121	EA	7" Overall Outlet Height, Deck Mount Glass Filler, 1/2" Flanged Female Inlet (Chicago Faucet 709-CP)	390.68	38.98
22 42 39 00-0122	EA	Wall Mount, Push Button Single Glass Filler (Chicago Faucet 324-CP)	238.71	55.83
22 42 39 00-0123	EA	Deck Mount, Lever Handle Drinking Faucet (Haws 5054LF)	463.97	42.32
22 42 39 00-0124	EA	Push Button Bubbler, 1/2" OD (Haws 5017LF)	470.23	42.32
22 42 39 00-0125	EA	Push Button Bubbler, 3/8" NPT (Haws 5010-6427)	391.13	42.32
22 42 39 00-0126		**Automatic Electronic Sensor Faucets** *(22 42 39)*		
22 42 39 00-0127	EA	Electronic Lavatory Faucet (American Standard 6055.205.002)	722.60	91.81
		For Faucet With Temperature Control, Add	*40.00*	
22 42 39 00-0128	EA	Electronic Lavatory Gooseneck Faucet (American Standard 6055.105.002)	729.43	91.81
		For Faucet With Temperature Control, Add	*40.00*	
22 42 39 00-0129	EA	Electronic Gooseneck Faucet (Chicago Faucet 116.103.AB.1)	979.81	99.71
22 42 39 00-0130	EA	Electronic Lavatory Faucet (Chicago Faucet 116.112.AB.1)	1,022.19	91.81
22 42 39 00-0131	EA	Electronic Soap Dispenser And Faucet Combination (Sloan Optima ESD-30880)	1,520.56	99.71
22 42 39 00-0132	EA	Electronic Soap Dispenser And Faucet Combination (Sloan Optima ESD-30880-BDT)	1,905.35	99.71
22 42 39 00-0133	EA	Electronic Soap Dispenser And Faucet Combination (Sloan Optima ESD-35187)	1,779.17	99.71
22 42 39 00-0134	EA	Solar Powered, Electronic Lavatory Faucet With Integral Mixing Valve (Sloan Solis EAF-275-ISM)	1,240.30	91.81
22 42 39 00-0135	EA	Deck Mount, AC Power, Electronic Lavatory Faucet (T&S Brass EC1100)	1,070.67	91.81
22 42 39 00-0136	EA	Wall Mount, AC Power, Electronic Lavatory Faucet (T&S Brass EC1101)	1,131.52	91.81
22 42 39 00-0137	EA	Deck Mount, AC Power, Spout Version, Electronic Lavatory Faucet (T&S Brass EC1102)	979.39	91.81
22 42 39 00-0138	EA	Deck Mount, DC Power, Electronic Lavatory Faucet (T&S Brass EC2100)	1,131.52	91.81
22 42 39 00-0139	EA	Deck Mount, DC Power, Spout Version, Electronic Lavatory Faucet (T&S Brass EC2102)	987.86	91.81
22 42 39 00-0140	EA	Deck Mount, AC Power, Electronic Lavatory Gooseneck Faucet (T&S Brass EC3100)	987.86	91.81
22 42 39 00-0141	EA	Wall Mount, AC Power, Electronic Lavatory Gooseneck Faucet (T&S Brass EC3101)	1,112.97	91.81
22 42 39 00-0142	EA	Deck Mount, AC Power, Spout Version, Electronic Lavatory Faucet (T&S Brass EC3102)	943.05	91.81
22 42 39 00-0143	EA	4" Deck Mount, AC Power, Spout Version, Electronic Lavatory Faucet (T&S Brass EC3103)	904.66	91.81
22 42 39 00-0144	EA	Self-Generating EcoPower System, Single Supply Sensor Faucet, Standard Spout (Toto "Eco-Power" TEL3GKCN-60)	1,486.26	91.81
22 42 39 00-0145		**Other Trim** *(22 42 39)*		
22 42 39 00-0146	EA	Faucet Aerator, Male Thread 13/16" Male, 2 GPM (Delta RP330)	20.42	5.98
22 42 39 00-0147	EA	1-1/2" Pop-up Tailpiece (Chicago Faucet 226-ACP)	140.54	17.93
22 42 39 00-0148	EA	1-1/4" Grid Strainer Tailpiece (Chicago Faucet 327-XCP)	55.21	14.95
22 42 39 00-0149	EA	1-1/2" Grid Strainer Tailpiece (Chicago Faucet 327-X1-1/2TPCP)	125.60	14.95
22 42 39 00-0150	EA	Lavatory Drainline Guard And Shutoff Covers (IPS Truebro Lav Guard 102)	65.16	16.52
22 42 39 00-0151	EA	Soft Lavatory Drainline Guard And Shutoff Covers (IPS Truebro Soft-Guard Plus)	68.03	16.52
22 42 39 00-0152	EA	Lavatory Protective Enclosure (IPS Truebro Lav Shield)	166.94	16.52
22 42 39 00-0153	EA	36" Wide, Undersink Protective Enclosure (IPS Truebro Basin Guard)	203.86	16.52
22 42 39 00-0154	EA	42" Wide, Undersink Protective Enclosure (IPS Truebro Basin Guard)	230.68	16.52
22 42 39 00-0155	EA	Type 304 Stainless Steel Sink Drain And 3-1/2" Removable Conical Basket Strainer With Chrome Plated Brass 1-1/2" x 4" Tailpiece (Elkay LK35)	96.66	14.95
22 42 39 00-0156	EA	Type 304 Stainless Steel Sink Drain And 3-1/2" Removable Conical Basket Strainer With Type 304 Stainless Steel 1-1/2" x 4" Tailpiece (Elkay LK35)	133.33	14.95
22 42 39 00-0157	EA	Type 304 Stainless Steel Sink Drain And 3-1/2" Removable Conical Basket Strainer With Type 316 Stainless Steel 1-1/2" x 4" Tailpiece (Elkay LK35)	198.28	14.95
22 42 39 00-0158	EA	1/2" NPT x 3/8" Compression Chrome, Quarter Turn Angle Stop (SharkBite 23036)	40.68	11.56
22 42 39 00-0159	EA	1/2" NPT x 3/8" Compression Chrome, Quarter Turn Straight Stop (SharkBite 23037)	40.68	11.56
22 42 39 00-0160	EA	1/2" NPT x 3/8" Compression Chrome, Quarter Turn Dual Angle Stop (SharkBite 25558)	56.68	11.56
22 42 39 00-0161	PR	Pair of 16" Long, 3/8" OD x 1/2" IPS, Stainless Steel Braided Sink Supply Line	38.40	12.70
22 42 39 00-0162	EA	12" Long, 3/8" OD x 7/8" BC, Stainless Steel Braided Toilet Supply Line	23.95	7.47
22 42 39 00-0163	EA	12" Long, 1/2" OD x 7/8" BC, Stainless Steel Braided Toilet Supply Line	24.67	7.47
22 42 39 00-0164		**Removal And Reinstallation Of Fixtures And Trim** *(22 42 39)*		
		Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
22 42 39 00-0165	EA	Removal And Reinstallation Of Faucet	95.64	
22 42 43		**Flushometers** *(22 42)*		
22 42 43 00-0001		**Water Closet Flush Valves** *(22 42 43)*		
22 42 43 00-0002	EA	Exposed Manual Water Closet Flush Valve (Sloan Regal-115XL)	332.59	37.54
22 42 43 00-0003	EA	Exposed Manual Water Closet Flush Valve (Sloan Regal-113-1.6)	321.87	37.54
22 42 43 00-0004	EA	Exposed Manual Water Closet Flush Valve (Sloan Regal-110 Or 111)	375.69	37.54

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 43 00-0005	EA	Back Spud, Concealed Manual Water Closet Flush Valve (Sloan Royal-140)	518.91	37.54
22 42 43 00-0006	EA	Top Spud, Concealed Nanual Water Closet Flush Valve (Sloan Royal-142)	579.39	37.54
22 42 43 00-0007	EA	Exposed Infrared Water Closet Flush Valve (Sloan Royal 115-1.6 ES-S)	1,075.96	37.54
22 42 43 00-0008	EA	Concealed Infrared Water Closet Flush Valve, Back Spud (Sloan Royal-140 ES-S)	1,072.64	37.54
22 42 43 00-0009	EA	Concealed Infrared Water Closet Flush Valve, Top Spud (Sloan Royal-153-1.6-ES-S)	1,133.65	37.54
22 42 43 00-0010	EA	Exposed Battery Powered Water Closet Flush Valve (Sloan G2 Optima Plus 8113)	1,051.74	37.54
22 42 43 00-0011	EA	Dual Flush Water Closet Flush Valve (Sloan Uppercut WES-115) Note: "Green". 1.6 Gallons or 1.1 Gallons per flush. Includes instructional placards on proper operation.	457.21	37.54
22 42 43 00-0012	EA	Exposed Battery Powered Water Closet Flush Valve (Sloan G2 Optima Plus 8110)	834.61	37.54
22 42 43 00-0013	EA	Side Mount Battery Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Sloan Optima EBV-89A)	454.55	37.54
22 42 43 00-0014	EA	Side Mount Battery Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Technical Concepts 40118X)	452.33	37.54
22 42 43 00-0015	EA	Slide Over Handle Battery Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Sloan Optima Smooth EBV-200A)	461.20	33.02
22 42 43 00-0016	EA	Slide Over Handle Battery Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Technical Concepts 40180X)	502.31	33.02
22 42 43 00-0017	EA	1.28 GPF, Exposed Infrared Water Closet Flush Valve (Toto EcoPower TET1LN)	1,091.73	37.54
22 42 43 00-0018	EA	Exposed Infrared Water Closet Flush Valve (1-1/2" V.B.) 1.28 GPF (Toto EcoPower TET1LN32)	1,198.05	37.54
22 42 43 00-0019	EA	1.28 GPF, Back Spud, Concealed Infrared Water Closet Flush Valve (Toto EcoPower TET2LN31 Or TET3LN31)	1,524.54	37.54
22 42 43 00-0020	EA	1.28 GPF, Top Spud, Concealed Infrared Water Closet Flush Valve (Toto EcoPower TET2LN32 Or TET3LN32)	1,524.54	37.54
22 42 43 00-0021	EA	Exposed Infrared Water Closet Flush Valve (Zurn ZEMS6000AV-HET-IS)	985.67	37.54
22 42 43 00-0022	EA	Exposed Infrared Water Closet Flush Valve (Zurn ZTS6200EV)	977.30	37.54
22 42 43 00-0023	EA	Slide Over Handle AC Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Sloan EL-600-A)	484.28	33.02
22 42 43 00-0024	EA	6 Volt DC, 120 Volt AC Hardwired Power Transformer (Sloan EL-451)	150.84	6.42
22 42 43 00-0025	EA	Exposed Solar/Battery Powered Water Closet Flush Valve (Sloan Solis 8111-1.28)	559.01	37.54
22 42 43 00-0026	EA	Exposed Manual Water Closet Flush Valve (Zurn Z6000AV-HET)	358.75	37.54
22 42 43 00-0027	EA	Exposed Battery Powered Water Closet Flush Valve (Zurn ZER6000AV-HET)	999.67	37.54
22 42 43 00-0028		**Urinal Flush Valves** *(22 42 43)*		
22 42 43 00-0029	EA	3/4" Top Spud, Exposed Manual Urinal Flush Valve (Sloan Regal 186 XL) Note: 0.5, 1.0 or 1.5 GPF.	281.05	37.54
22 42 43 00-0030	EA	1-1/4" Top Spud, Exposed Manual Urinal Flush Valve (Sloan Regal 180) Note: 1.0, 1.5 or 3.5 GPF.	303.61	37.54
22 42 43 00-0031	EA	Back Spud, Concealed Manual Urinal Flush Valve (Sloan Royal 195) Note: 1.0 or 1.5 GPF.	411.37	37.54
22 42 43 00-0032	EA	Top Spud, Concealed Manual Urinal Flush Valve (Sloan Royal 197) Note: 1.0 or 1.5 GPF.	500.14	37.54
22 42 43 00-0033	EA	Exposed Infrared Urinal Flush Valve (Sloan Royal 186-ES-S) Note: 1.0 or 1.5 GPF.	792.76	37.54
22 42 43 00-0034	EA	Back Spud, Concealed Infrared Urinal Flush Valve (Sloan Royal 195-WB-ES-S) Note: 0.5, 1.0 or 1.5 GPF.	1,068.99	37.54
22 42 43 00-0035	EA	Top Spud, Concealed Infrared Urinal Flush Valve (Sloan Royal 197-WB-ES-S) Note: 0.5, 1.0 or 1.5 GPF.	1,200.56	37.54
22 42 43 00-0036	EA	Top Spud, Exposed Battery Powered Urinal Flush Valve (Sloan G2 Opt+8186-1) Note: 1.0 GPF.	779.56	37.54
22 42 43 00-0037	EA	Exposed Infrared Urinal Flush Valve (3/4" V.B.) (Toto EcoPower TEU1LN12) Note: 0.5 GPF.	1,191.20	37.54
22 42 43 00-0038	EA	Top Spud, Exposed Solar/Battery Powered Urinal Flush Valve (Sloan Solis 8186-0.13) Note: 0.13 GPF.	503.96	37.54
22 42 43 00-0039	EA	3/4" Top Spud, Exposed Manual Urinal Flush Valve (Zurn Z6003AV-ULF) Note: 0.125 GPF.	323.39	37.54
22 42 43 00-0040	EA	Top Spud, Exposed Battery Powered Urinal Flush Valve (Zurn ZTR6203-ULF) Note: 0.125 GPF.	841.57	37.54
22 42 43 00-0041	EA	Exposed Infrared Urinal Flush Valve (Zurn ZEMS6003AV-ULF-IS) Note: 0.125 GPF.	845.13	37.54
22 42 43 00-0042		**Removal And Reinstallation Of Fixtures And Trim** *(22 42 43)* Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
22 42 43 00-0043	EA	Removal And Reinstallation Of Flush Valve	149.44	
22 42 43 00-0044		**Plumbing Control Transformers** *(22 42 43)*		
22 42 43 00-0045	EA	6 Volt DC, 120 Volt AC Plug In Style Power Transformer (Zurn P6000-PC6)	68.20	
22 42 46		**Chemical Toilets** *(22 42)* Note: Includes toilet, urinal, holding tank, and ventilation system. Building to be priced separately.		
22 42 46 00-0001		**Standard Chemical Toilets** *(22 42 46)*		
22 42 46 00-0002		**Small Tank Chemical Toilets** *(22 42 46 00-0001)*		
22 42 46 00-0003	EA	Chemical Toilet, Small Tank 7,000 Uses/Year	4,568.45	1,100.90
		For Extra Urinal, Add	*148.59*	
22 42 46 00-0004		**Medium Tank Chemical Toilets** *(22 42 46 00-0001)*		
22 42 46 00-0005	EA	Chemical Toilet, Medium Tank 13,000 Uses/Year	5,429.22	1,311.19
		For Extra Urinal, Add	*175.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 46 00-0006		Large Tank Chemical Toilets *(22 42 46 00-0001)*		
22 42 46 00-0007	EA	Chemical Toilet, Large Tank 28,000 Uses/Year	6,537.79	1,487.32
		For Extra Urinal, Add	*237.67*	

22 43 Healthcare Plumbing Fixtures *(22 40)*

22 43 13 Healthcare Water Closets *(22 43)*

22 43 13 00-0001 Healthcare Water Closets *(22 43 13)*

22 43 13 00-0002	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Healthcare Water Closet With Bedpan Holding Rim (American Standard Priolo® ADA)	835.01	114.49
22 43 13 00-0003	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Healthcare Water Closet With Bedpan Holding Rim (American Standard Madera™ ADA)	687.79	114.49

22 43 16 Healthcare Sinks *(22 43)*

22 43 16 00-0001 Healthcare Sinks *(22 43 16)*

Note: Includes trap, drain and supply valves. Excludes faucets and flush valves.

22 43 16 00-0002	EA	25" x 21", Wall Mounted, Blow Out Flushing Rim, Vitreous China Clinic Service Sink (American Standard)	1,206.72	73.76
		For Stainless Steel Rim Guards (Three Sides), Add	*108.61*	
22 43 16 00-0003	EA	29" x 20", Floor Mounted, Siphon Jet Flushing Rim, Vitreous China Clinic Service Sink (American Standard)	1,306.91	211.92
		For Stainless Steel Rim Guards (Three Sides), Add	*108.61*	
		For Pedestal Base, Add	*497.95*	
22 43 16 00-0004	EA	28" x 22", Wall Mounted, Vitreous China Surgeon's Scrub Sink (American Standard)	1,158.91	73.76
		For Painted Bracket Supports, Add	*176.90*	
22 43 16 00-0005	EA	20" x 17", Wall Mounted, Vitreous China Intensive Care Unit Sink (American Standard)	1,015.47	73.76

22 43 39 Healthcare Faucets *(22 43)*

22 43 39 00-0001 Medical Faucet Spouts *(22 43 39)*

22 43 39 00-0002	EA	Deck Mounted, Rigid Gooseneck Medical Lavatory Spout (American Standard 7522)	102.27	16.52

22 43 39 00-0003 Electronic Proximity Medical Faucets *(22 43 39)*

22 43 39 00-0004	EA	DC Or Plug-In AC Powered, Single Inlet, Electronic Proximity Medical Lavatory Faucet (American Standard Selectronic™ ICU)	580.40	80.80
		For Hard Wired AC Powered, Add	*24.73*	

22 43 39 00-0005 Foot And Knee Faucet Controls *(22 43 39)*

22 43 39 00-0006	EA	Single Supply Metering Pedal Valve (Chicago Faucet 628)	443.97	146.86
22 43 39 00-0007	EA	Double Supply Metering Pedal Valve (Chicago Faucet 625)	522.50	146.86
22 43 39 00-0008	EA	Knee Actuated Metering Mixing Valve (Chicago Faucet 745-VOCP)	1,127.79	146.86
22 43 39 00-0009	EA	Double Knee Actuated Metering Mixing Valve (American Standard 7676)	678.77	146.86

22 43 39 00-0010 Centerset Medical Faucets *(22 43 39)*

22 43 39 00-0011	EA	Rigid Gooseneck Centerset Medical Lavatory Faucet, 8" Centers 6" Wrist Action Handles, Adjustable Centers (T&S B-0865-04)	615.47	80.80
22 43 39 00-0012	EA	Swivel Gooseneck Centerset Medical Lavatory Faucet, 8" Centers, 6" Wrist Action Handles, Adjustable Centers (T&S B-0866-04)	622.58	80.80
22 43 39 00-0013	EA	Swivel Gooseneck Centerset Medical Lavatory Faucet With Aerator 8" Centers, 6" Wrist Action Handles, Adjustable Centers (T&S B-0867-04)	621.86	80.80
22 43 39 00-0014	EA	Surgical Sink Rigid Gooseneck Faucets, 8" Centers, 6" Wrist Action Handles (T&S B-0322-04)	554.30	80.80
22 43 39 00-0015	EA	Surgical Sink Rigid Gooseneck Faucets With Stream Regulator Outlet, 8" Centers, 6" Wrist Action Handles (T&S B-0323-04)	530.11	80.80

22 43 39 00-0016 Bedpan Washers *(22 43 39)*

22 43 39 00-0017	EA	Self Closing Pedal Valve Bed Pan Washer, With Volume Control, Vacuum Breaker, Wall Hook Hose Connection, Polyvinyl Chloride Hose (T&S B-0675)	1,466.05	146.86
22 43 39 00-0018	EA	Pedal Valve Bed Panwasher With Volume Control Valve, Vacuum Breaker, Wall Hook Hose Connection, Extended Spray Polyvinyl Chloride Hose (T&S B-0676)	1,391.58	146.86
22 43 39 00-0019	EA	Self Closing Single Pedal Valve Bedpan Washer With Volume Control, Vacuum Breaker, Wall Hook Hose Connection Polyvinyl Chloride Hose (T&S B-0685)	1,369.52	146.86
22 43 39 00-0020	EA	Single Pedal Valve Bedpan Washer With Volume Control, Vacuum Breaker, Wall Hook Hose Connection, Polyvinyl Chloride Hose, Extended Spray (T&S B-0686)	1,348.07	146.86

22 43 43 Healthcare Plumbing Fixture Flushometers *(22 43)*

22 43 43 00-0001 Healthcare Plumbing Fixture Flushometers *(22 43 43)*

22 43 43 00-0002	EA	Exposed Manual Service Sink Flush Valve (Sloan Royal-117)	233.51	37.54
22 43 43 00-0003	EA	Exposed Manual Water Closet Flush Valve With Bedpan Washer (Sloan Slimline BPW)	512.53	37.54

22 43 46 Healthcare Patient Care Units *(22 43)*

22 43 46 00-0001 Patient Care Units *(22 43 46)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 43 46 00-0002	EA	47" Swivel Toilet Modular Sink And Water Closet Patient Care Unit (Willoughby WH-1700-AQCT-WB-BWSEV)	20,380.12	220.18
		For SDB Single Temperature Dialysis Box, Add	*1,493.89*	
		For DDB Dual Temperature Dialysis Box, Add	*1,586.67*	
		For BWSEV Bedpan Washer With Elevated Valve, Add	*1,148.69*	
		For LOCK Flush Valve Lockout Device, Add	*842.05*	
22 43 46 00-0003	EA	31" Swing Front Cabinet Modular Sink And Water Closet Patient Care Unit (Willoughby WH-2600-SST-DC-AQCT-WB)	16,052.81	192.66
		For SDB Single Temperature Dialysis Box, Add	*1,493.89*	
		For DDB Dual Temperature Dialysis Box, Add	*1,586.67*	
		For BWSEV Bedpan Washer With Elevated Valve, Add	*1,148.69*	
		For LOCK Flush Valve Lockout Device, Add	*842.05*	

22 43 46 00-0004 Patient Care Plumbing Accessories *(22 43 46)*

22 43 46 00-0005	EA	One Valve Supply Recessed Stainless Steel Dialysis Box With Locking Door (Bradley 7920)	1,944.35	29.89
22 43 46 00-0006	EA	Two Valve Supply Recessed Stainless Steel Dialysis Box With Locking Door (Bradley 7919)	2,142.45	29.89

22 45 Emergency Plumbing Fixtures *(22 40)*

22 45 13 Emergency Showers *(22 45)*

22 45 13 00-0001 Emergency Drench Showers *(22 45 13)*

22 45 13 00-0002 Emergency Drench Showers (Haws) *(22 45 13 00-0001)*

Note: Includes one pull rod.

22 45 13 00-0003	EA	Horizontal Or Vertical Mounted, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead (Haws 8122)	745.39	192.66
22 45 13 00-0004	EA	Horizontal Or Vertical Mounted, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead (Haws 8123)	857.14	192.66
22 45 13 00-0005	EA	Horizontal Mounted, Barrier-Free, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead (Haws 8122HWC)	919.22	192.66
22 45 13 00-0006	EA	Horizontal Or Vertical Mounted, Corrosion Resistant, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead (Haws 8130)	1,105.46	192.66
22 45 13 00-0007	EA	Horizontal Mounted, All Stainless Steel, Corrosion Resistant, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead (Haws 8133H)	1,490.37	192.66
22 45 13 00-0008	EA	Floor Mounted, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead (Haws 8100)	1,172.92	220.18
22 45 13 00-0009	EA	Wall Mounted, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Stainless Steel Push Flag (Haws 8111FP)	1,283.84	247.71
22 45 13 00-0010	EA	Flush To Ceiling, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead (Haws 8169)	1,165.89	247.71
22 45 13 00-0011	EA	Concealed Ceiling Supply, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead (Haws 8163)	1,190.72	247.71
22 45 13 00-0012	EA	Flush To Ceiling, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead And Pull Down Lever Ball Valve Mounted In A Recessed Stainless Steel Cabinet (Haws 8164)	1,656.33	247.71

22 45 13 00-0013 Emergency Drench Showers (Speakman) *(22 45 13 00-0001)*

Note: Includes one pull rod.

22 45 13 00-0014	EA	Vertical Mounted, Lifesaver® Emergency Drench Shower With Plastic Showerhead (Speakman SE-220)	644.37	192.66
22 45 13 00-0015	EA	Horizontal Mounted, Lifesaver® Emergency Drench Shower With Plastic Showerhead (Speakman SE-227)	663.72	192.66
22 45 13 00-0016	EA	Floor Mounted, Lifesaver® Emergency Drench Shower With Plastic Showerhead (Speakman SE-253)	1,043.38	220.18

22 45 13 00-0017 Emergency Drench Showers (WaterSaver) *(22 45 13 00-0001)*

Note: Includes one pull rod.

22 45 13 00-0018	EA	Emergency Shower, Vertically Mounted (WaterSaver ES635)	946.30	192.66
22 45 13 00-0019	EA	Emergency Shower, Horizontally Mounted (WaterSaver ES643)	970.83	192.66
22 45 13 00-0020	EA	All-Stainless Steel, Emergency Shower, Horizontally Mounted (WaterSaver ES691)	2,172.20	192.66
22 45 13 00-0021	EA	Emergency Shower, Recess Mounted (WaterSaver ES629)	1,526.87	247.71
22 45 13 00-0022	EA	Emergency Shower, Semi-Concealed (WaterSaver ES658)	2,081.93	247.71

22 45 16 Eyewash Equipment *(22 45)*

22 45 16 00-0001 Emergency Eyewash Equipment *(22 45 16)*

22 45 16 00-0002 Emergency Eyewash Equipment (Haws) *(22 45 16 00-0001)*

22 45 16 00-0003	EA	Faucet Mounted, Stainless Steel Emergency Eyewash (Haws Axion® eyePOD® 7620)	333.83	5.51
22 45 16 00-0004	EA	Wall Mounted, Freeze Protected, Emergency Eye Wash With Soft-Flo Heads And Stainless Steel Bowl (Haws 7433FP)	1,557.00	247.71

22 45 16 00-0005 Emergency Eyewash Equipment (WaterSaver) *(22 45 16 00-0001)*

22 45 16 00-0006	EA	Auto Flow, Right Hand Mounting, Emergency Eye Wash, Deck Mounted (WaterSaver EW805)	994.05	55.05
22 45 16 00-0007	EA	Auto Flow, Left Hand Mounting, Emergency Eye Wash, Deck Mounted (WaterSaver EW805LH)	994.05	55.05
22 45 16 00-0008	EA	Right Hand Mounting, Emergency Eye Wash, Deck Mounted (WaterSaver EW806)	1,012.64	55.05
22 45 16 00-0009	EA	Left Hand Mounting, Emergency Eye Wash, Deck Mounted (WaterSaver EW806LH)	1,012.64	55.05
22 45 16 00-0010	EA	Stainless Steel Bowl, Emergency Eye Wash, Deck Mounted (WaterSaver EW822)	1,353.87	55.05
22 45 16 00-0011	EA	Swing-Down, Auto Flow, Emergency Eye Wash, Wall Mounted (WaterSaver EW848)	1,546.11	55.05
22 45 16 00-0012	EA	Swing-Down, Auto Flow, Emergency Eye Wash, Deck Mounted (WaterSaver EW849)	1,546.11	55.05
22 45 16 00-0013	EA	Right Hand Mounting, All-Stainless Steel, Emergency Eye Wash, Deck Mounted (WaterSaver EW893)	2,886.84	55.05
22 45 16 00-0014	EA	Left Hand Mounting, All-Stainless Steel, Emergency Eye Wash, Deck Mounted (WaterSaver EW893LH)	2,886.84	55.05
22 45 16 00-0015	EA	Right Hand Mounting, Auto Flow, All-Stainless Steel, Emergency Eye Wash, Deck Mounted (WaterSaver EW895)	3,022.10	55.05

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 45 16 00-0016	EA	Left Hand Mounting, Auto Flow, All-Stainless Steel, Emergency Eye Wash, Deck Mounted (WaterSaver EW895LH)	3,022.10	55.05
22 45 16 00-0017	EA	Swing-Down, Auto Flow, All-Stainless Steel, Emergency Eye Wash, Wall Mounted (WaterSaver EW898)	3,733.89	55.05
22 45 16 00-0018	EA	Swing-Down, Auto Flow, All-Stainless Steel, Emergency Eye Wash, Deck Mounted (WaterSaver EW899)	3,733.89	55.05
22 45 16 00-0019	EA	Ball Valve With Flag Handle, Emergency Eye Wash, Recess Deck Mounted (WaterSaver EW808)	1,787.90	192.66
22 45 16 00-0020	EA	Push-Down Valve, Emergency Eye Wash, Recess Deck Mounted (WaterSaver EW810)	1,761.67	192.66
22 45 16 00-0021	EA	Stainless Steel Bowl, Emergency Eye Wash, Wall Mounted (WaterSaver EW814)	1,244.55	192.66
22 45 16 00-0022	EA	Stainless Steel Bowl And Cover, Emergency Eye Wash, Wall Mounted (WaterSaver EW814BC)	1,789.89	192.66
22 45 16 00-0023	EA	Plastic Bowl, Emergency Eye Wash, Wall Mounted (WaterSaver EW814P)	1,049.85	192.66

22 45 23 Personal Eyewash Equipment *(22 45)*

22 45 23 00-0001 Portable Eyewash Equipment *(22 45 23)*

22 45 23 00-0002 Portable Eyewash Equipment (Bradley) *(22 45 23 00-0001)*

22 45 23 00-0003	EA	Wall Mounted, Portable Gravity Fed Eyewash Unit With Clear Tank (Bradley S19-921)	341.89	16.52
22 45 23 00-0004	EA	Wall Mounted, Portable Gravity Fed Eyewash Unit With Insulated Heater Jacket (Bradley S19-921H)	1,805.99	16.52
22 45 23 00-0005	EA	5 Gallon Portable Pressurized Tank With Eyewash Only (Bradley S19-671)	825.25	
22 45 23 00-0006	EA	5 Gallon Portable Pressurized Tank With Eyewash And 8' Drench Hose For Facewash (Bradley S19-672)	984.45	

22 45 26 Eye/Face Wash Equipment *(22 45)*

22 45 26 00-0001 Emergency Eye/Face Wash Equipment *(22 45 26)*

22 45 26 00-0002 Emergency Eye/Face Wash Equipment (Haws) *(22 45 26 00-0001)*

22 45 26 00-0003	EA	Unmounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7460) Note: Excludes p-trap and tailpiece.	815.34	137.62
22 45 26 00-0004	EA	Wall Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly Without Receptor (Haws 7324)	813.68	192.66
22 45 26 00-0005	EA	Wall Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 7260B-7270B) Note: Excludes p-trap and tailpiece.	795.06	192.66
22 45 26 00-0006	EA	Wall Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 7260BT-7270BT) Note: Excludes p-trap and tailpiece.	868.31	192.66
22 45 26 00-0007	EA	Wall Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7360B-7460B) Note: Excludes p-trap and tailpiece.	875.76	192.66
22 45 26 00-0008	EA	Wall Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7360BT-7460BT) Note: Excludes p-trap and tailpiece.	963.92	192.66
22 45 26 00-0009	EA	Wall Mounted, Barrier-Free, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7360BTWC)	1,316.54	192.66
22 45 26 00-0010	EA	Wall Mounted, All Stainless Steel, Corrosion Resistant, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl And Dust Cover (Haws 7778B)	2,496.08	192.66
22 45 26 00-0011	EA	Pedestal Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 7261-7271)	999.09	220.18
22 45 26 00-0012	EA	Pedestal Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7361-7461)	1,141.88	220.18
22 45 26 00-0013	EA	Pedestal Mounted, All Stainless Steel, Corrosion Resistant, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7777)	2,582.16	220.18
22 45 26 00-0014	EA	Sink Mounted, Swing-Away, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 7611)	687.45	55.05
22 45 26 00-0015	EA	Right Side Sink Mounted, Swing-Away, Emergency Eye/Face Wash With Stainless Steel Axion® MSR Wash Head Assembly (Haws 7612)	662.61	55.05
22 45 26 00-0016	EA	Left Side Sink Mounted, Swing-Away, Emergency Eye/Face Wash With Stainless Steel Axion® MSR Wash Head Assembly (Haws 7612LH)	693.65	55.05
22 45 26 00-0017	EA	Wall Or Deck Mounted, Barrier-Free, Swing-Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 7610)	873.69	55.05
22 45 26 00-0018	EA	Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Cabinet (Haws 7655WCC)	2,114.90	275.23
22 45 26 00-0019	EA	Surface Wall Mounted, Wheelchair Accessible, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Cabinet (Haws 7655WCSM)	2,569.75	220.18
22 45 26 00-0020	EA	Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Cabinet And Drain Pan (Haws 7656WCC)	2,636.38	275.23
22 45 26 00-0021	EA	Surface Wall Mounted, Wheelchair Accessible, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Cabinet And Drain Pan (Haws 7656WCSM)	3,103.65	220.18

22 45 26 00-0022 Emergency Eye/Face Wash Equipment (Speakman) *(22 45 26 00-0001)*

22 45 26 00-0023	EA	Wall Mounted, Lifesaver® Emergency Eye/Face Wash And Plastic Bowl (Speakman SE-495)	724.99	192.66
22 45 26 00-0024	EA	Floor Mounted, DuraJade™ Finish, Lifesaver® Emergency Eye/Face Wash And Plastic Bowl (Speakman SE-496)	888.60	220.18

22 45 26 00-0025 Emergency Eye/Face Wash Equipment (WaterSaver) *(22 45 26 00-0001)*

22 45 26 00-0026	EA	Wide Area, Emergency Eye/Face Wash With Stainless Steel Bowl, Wall Mounted (WaterSaver FE724)	1,586.77	192.66
22 45 26 00-0027	EA	Wide Area, Emergency Eye/Face Wash With Stainless Steel Bowl And Cover, Wall Mounted (WaterSaver FE724BC)	2,132.11	192.66
22 45 26 00-0028	EA	Wide Area, Push-Down Valve, Emergency Eye/Face Wash, Recess Deck Mounted (WaterSaver FE727)	2,062.78	192.66
22 45 26 00-0029	EA	Push-Down Valve, Emergency Eye/Face Wash, Recess Deck Mounted (WaterSaver FE765)	1,897.35	192.66

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 45 26 00-0030	EA	Auto Flow, Right Hand Mounting, Emergency Eye/Face Wash, Deck Mounted (WaterSaver FE774)	1,048.17	55.05
22 45 26 00-0031	EA	Auto Flow, Left Hand Mounting, Emergency Eye/Face Wash, Deck Mounted (WaterSaver FE774LH)	1,048.17	55.05
22 45 26 00-0032	EA	Right Hand Mounting, Emergency Eye/Face Wash, Deck Mounted (WaterSaver FE775)	1,015.90	55.05
22 45 26 00-0033	EA	Left Hand Mounting, Emergency Eye/Face Wash, Deck Mounted (WaterSaver FE775LH)	1,015.90	55.05
22 45 26 00-0034	EA	Swing-Down, Auto Flow, Emergency Eye/Face Wash, Wall Mounted (WaterSaver FE778)	1,570.36	55.05
22 45 26 00-0035	EA	Swing-Down, Auto Flow, Emergency Eye/Face Wash, Deck Mounted (WaterSaver FE779)	1,570.36	55.05
22 45 26 00-0036		Emergency Eye/Face Wash Equipment (Guardian) *(22 45 26 00-0001)*		
		Note: Includes one pull rod.		
22 45 26 00-0037	EA	All-Stainless Steel Handicapped Accessible Safety Station With WideArea™ Eye/Face Wash (Guardian GBF1994)	5,730.74	192.66

22 45 29 Hand-Held Emergency Drench Hoses *(22 45)*

22 45 29 00-0001 Hand-Held Emergency Eye/Face/Body Wash With Hose *(22 45 29)*

22 45 29 00-0002 Hand-Held Emergency Eye/Face/Body Wash With Hose (Haws) *(22 45 29 00-0001)*

22 45 29 00-0003	EA	Counter Mounted, Hand-Held Emergency Eye/Face/Body Wash With Axion® MSR Wash Head Assembly And 8' Hose (Haws 8904)	733.60	68.81
22 45 29 00-0004	EA	Wall Mounted, Hand-Held Emergency Eye/Face/Body Wash With Axion® MSR Wash Head Assembly And 12' Recoil Hose (Haws 8905)	845.35	68.81

22 45 29 00-0005 Hand-Held Emergency Eye/Face/Body Wash With Hose (WaterSaver) *(22 45 29 00-0001)*

22 45 29 00-0006	EA	Emergency Drench Hose Unit, Deck Mounted (WaterSaver EW1020)	787.98	68.81
22 45 29 00-0007	EA	Emergency Drench Hose Unit, Wall Mounted (WaterSaver EW1025)	723.22	68.81
22 45 29 00-0008	EA	Emergency Eye Wash Drench Hose Unit, Wall Mounted (WaterSaver EW1014)	1,104.28	68.81
22 45 29 00-0009	EA	Emergency Eye Wash Drench Hose Unit, Deck Mounted (WaterSaver EW1022)	1,032.21	68.81
22 45 29 00-0010	EA	Emergency Eye Wash Drench Hose Unit, Wall Mounted (WaterSaver EW1026)	1,058.02	68.81
22 45 29 00-0011	EA	Ball Valve With Flag Handle, Emergency Eye Wash Drench Hose Unit, Deck Mounted (WaterSaver EW1028)	1,397.83	68.81
22 45 29 00-0012	EA	Ball Valve With Flag Handle And Vacuum Breaker, Emergency Eye Wash Drench Hose Unit, Deck Mounted (WaterSaver EW1028VB)	1,623.84	68.81
22 45 29 00-0013	EA	Emergency Eye Wash Drench Hose Unit, 45 Degree Panel Mounted (WaterSaver EW1041)	1,547.20	68.81

22 45 33 Combination Emergency Fixture Units *(22 45)*

22 45 33 00-0001 Emergency Shower With Eye/Face Wash *(22 45 33)*

22 45 33 00-0002 Emergency Shower With Eye/Face Wash (Haws) *(22 45 33 00-0001)*

22 45 33 00-0003	EA	Floor Mounted, All Stainless Steel, Corrosion Resistant, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 8330)	4,347.34	357.80
22 45 33 00-0004	EA	Floor Mounted, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eyewash With Soft-Flo Heads And Stainless Steel Bowl (Haws 8300FP)	2,931.89	357.80
		Note: Includes freeze protection bury valve.		
22 45 33 00-0005	EA	Floor Mounted, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 8300-8309)	2,031.71	357.80
22 45 33 00-0006	EA	Floor Mounted, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eyewash With Soft-Flo Heads And Stainless Steel Bowl (Haws 8300.158)	3,254.71	357.80
22 45 33 00-0007	EA	Floor Mounted, Corrosion Resistant, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 8300CRP-8309CRP)	2,379.37	357.80
22 45 33 00-0008	EA	Floor Mounted, Barrier-Free, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 8309WC)	2,236.58	357.80
22 45 33 00-0009	EA	Floor Mounted, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 8317)	1,907.55	357.80
22 45 33 00-0010	EA	Floor Mounted, Corrosion Resistant, PVC Plastic, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 8336)	3,142.97	357.80
22 45 33 00-0011	EA	Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly With Stainless Steel Cabinet And Ceiling Mounted Axion® MSR Stainless Steel Showerhead (Haws 8355WCC)	3,447.17	357.80
22 45 33 00-0012	EA	Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly With Stainless Steel Cabinet And Wall Mounted Axion® MSR Stainless Steel Showerhead (Haws 8355WCW)	3,515.45	357.80
22 45 33 00-0013	EA	Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly With Stainless Steel Cabinet And Drain Pan And Ceiling Mounted Axion® MSR Stainless Steel Showerhead (Haws 8356WCC)	3,931.40	357.80
22 45 33 00-0014	EA	Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly With Stainless Steel Cabinet And Drain Pan, Daylight Drain And Wall Mounted Axion® MSR Stainless Steel Showerhead (Haws 8356WCDD)	4,173.52	357.80
22 45 33 00-0015	EA	Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly With Stainless Steel Cabinet And Drain Pan And Wall Mounted Axion® MSR Stainless Steel Showerhead (Haws 8356WCW)	4,105.23	357.80
22 45 33 00-0016	EA	Floor Mounted, 120 Volt AC Cable Heated, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 8317CTFP)	6,153.91	357.80
22 45 33 00-0017	EA	Floor Mounted, 220 Volt AC Cable Heated, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 8317CTFP.220V)	6,489.15	357.80
22 45 33 00-0018	EA	Floor Mounted, C1D1 Rated, 120 Volt AC Cable Heated, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 8317CTFPC1D1)	13,752.65	357.80

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 45 33 00-0019	EA	Floor Mounted, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 8320-8325)	1,907.55	357.80
22 45 33 00-0020	EA	Floor Mounted, Corrosion Resistant, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 8320CRP)	2,162.08	357.80
22 45 33 00-0021		Emergency Shower With Eye/Face Wash (Speakman) *(22 45 33 00-0001)*		
22 45 33 00-0022	EA	Floor Mounted, Emergency Drench Shower With Plastic Showerhead And Eye/Face Wash With Plastic Bowl (Speakman SE-690)	1,761.35	357.80
22 45 33 00-0023		Emergency Shower With Eye/Face Wash (WaterSaver) *(22 45 33 00-0001)*		
22 45 33 00-0024	EA	All-Stainless Steel, Wide Area, Emergency Shower With Eye/Face Wash Station, Floor Mounted (WaterSaver SS994)	7,351.37	298.89
22 45 33 00-0025	EA	Polished Chrome Construction, Wide Area, Emergency Shower With Eye/Face Wash Station, Floor Mounted (WaterSaver SS909PCC)	7,515.73	298.89
22 45 33 00-0026	EA	Emergency Shower With Eye Wash Station And Stainless Steel Bowl, Floor Mounted (WaterSaver SS902)	2,883.87	298.89
22 45 33 00-0027	EA	Emergency Shower With Eye Wash Station And Plastic Bowl, Floor Mounted (WaterSaver SS902P)	2,628.18	298.89
22 45 33 00-0028	EA	Emergency Shower With Eye Wash Station And Stainless Steel Bowl And Cover, Floor Mounted (WaterSaver SS902BC)	3,429.21	298.89
22 45 36		**Emergency Fixture Water-Tempering Equipment** *(22 45)*		
22 45 36 00-0001		Emergency Fixture Water-Tempering Equipment *(22 45 36)*		
22 45 36 00-0002		Emergency Fixture Water-Tempering Equipment (Haws) *(22 45 36 00-0001)*		
22 45 36 00-0003	EA	10 GPM, 1/2" Inlet, 1/2" Outlet, Brass Thermostatic Mixing/Tempering Valve (Haws 9201EW)	777.06	68.81
22 45 36 00-0004	EA	12 GPM, 1/2" Inlet, 3/4" Outlet, Brass Thermostatic Mixing/Tempering Valve (Haws 9201EFE)	1,143.34	68.81
22 45 36 00-0005	EA	31 GPM, 1-1/4" Inlet, 1-1/4" Outlet, Brass Thermostatic Mixing/Tempering Valve (Haws 9201E)	1,683.44	68.81
22 45 36 00-0006	EA	78 GPM, 1-1/4" Inlet, 1-1/4" Outlet, Brass Thermostatic Mixing/Tempering Valve (Haws 9202E)	1,987.64	68.81
22 45 36 00-0007	EA	31 GPM, 1" Inlet, 1-1/4" Outlet, Secondary High Temperature Limit Valve, Lead Free, Brass Thermostatic Mixing/Tempering Valve (Haws 9201H)	2,819.53	68.81
22 45 36 00-0008	EA	12 GPM, 1/2" Inlet, 3/4" Outlet, Secondary High Temperature Limit Valve, Brass Thermostatic Mixing/Tempering Valve (Haws TWBS.EWE)	2,974.73	68.81
22 45 36 00-0009	EA	74 GPM, 1-1/4" Inlet, 1-1/4" Outlet, Secondary High Temperature Limit Valve, Lead Free, Brass Thermostatic Mixing/Tempering Valve (Haws TWBS.SHE)	5,004.79	68.81
22 45 36 00-0010	EA	78 GPM, 2" Inlet, 2" Outlet, Secondary High Temperature Limit Valve, Lead Free, Brass Thermostatic Mixing/Tempering Valve (Haws TWBS.HF)	6,016.71	68.81
22 45 36 00-0011	EA	1/2" Inlet, 1/2" Outlet, Brass Scald Protection Bleed Valve (Haws SP157B)	870.18	68.81
22 45 39		**Emergency Plumbing Fixture Accessories** *(22 45)*		
22 45 39 00-0001		Emergency Plumbing Fixture Accessories *(22 45 39)*		
22 45 39 00-0002		Emergency Plumbing Fixture Accessories (Haws) *(22 45 39 00-0001)*		
22 45 39 00-0003	EA	Pedestal Mounted, Powder Coated Aluminum Foot Control Assembly For Hands Free Activation Of Emergency Plumbing Fixtures (Haws SP220)	199.23	22.02
22 45 39 00-0004	EA	Wall Mounted, Powder Coated Aluminum Foot Control Assembly For Hands Free Activation Of Emergency Plumbing Fixtures (Haws SP220W)	279.94	22.02
22 45 39 00-0005	EA	Pedestal Mounted, Stainless Steel Foot Control Assembly For Hands Free Activation Of Emergency Plumbing Fixtures (Haws SP220SS)	292.35	22.02
22 45 39 00-0006	EA	Axion® MSR Stainless Steel Showerhead For Emergency Drench Showers (Haws SP829SS)	326.93	8.26
22 45 39 00-0007	EA	Stainless Steel Dust Cover For Emergency Eye/Face Wash Bowls (Haws 9102)	333.83	5.51
22 45 39 00-0008	EA	3-Sided ABS Plastic Safety Sign For Emergency Combination Shower And Eyewash Units (Haws 9020)	363.47	11.01
22 45 39 00-0009	EA	Emergency Body Spray Kit With 8' Hose And ABS Plastic Head For Emergency Plumbing Fixtures (Haws 8901RFK)	630.75	82.57
22 45 39 00-0010	EA	Class 1, Div. 1, Group B, C And D, Indicator Light For Emergency Plumbing Fixtures (Haws 8317IDLTEXP)	660.66	38.55
22 45 39 00-0011	EA	Vapor Tight And Gasketed, Green Area Light For Emergency Plumbing Fixtures (Haws 8317LT)	983.49	38.55
22 45 39 00-0012	EA	Privacy Curtain For Horizontal Emergency Drench Shower Or Combination Emergency Drench Shower And Eyewash Units (Haws 9037)	1,143.34	82.57
22 45 39 00-0013	EA	Class 1, Div. 1, Group B, C And D, White Area Light For Emergency Plumbing Fixtures (Haws 8317LTEXP)	2,194.07	38.55
22 45 39 00-0014	EA	1/2" Supply, Emergency Alarm And Light System For Emergency Plumbing Fixtures (Haws 9001.5)	2,429.83	128.50
22 45 39 00-0015	EA	1-1/4" Supply, Emergency Alarm And Light System For Emergency Plumbing Fixtures (Haws 9001)	2,479.50	128.50
22 45 39 00-0016	EA	1-1/4" Supply, Class 1, Division 2, Groups B, C, And D Emergency Alarm And Light System For Emergency Plumbing Fixtures (Haws 9001EXP)	4,602.68	128.50
22 45 39 00-0017	EA	1-1/4" Supply, 90 db, Class 1, Division 1, Groups C And D, Emergency Alarm And Light System For Emergency Plumbing Fixtures (Haws 9001EXPC1D1)	8,762.12	128.50
22 45 39 00-0018		Emergency Plumbing Fixture Accessories (Speakman) *(22 45 39 00-0001)*		
22 45 39 00-0019	EA	Privacy Curtain For Emergency Showers Note: Curtain includes stainless steel curtain rod and mounting accessories.	1,145.88	82.57
22 45 39 00-0020		Emergency Plumbing Fixture Accessories (WaterSaver) *(22 45 39 00-0001)*		
22 45 39 00-0021	EA	Hand And Foot Control For Emergency Eyewash Equipment (WaterSaver HFC)	208.92	17.93
22 46		**Security Plumbing Fixtures** *(22 40)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 46 13		**Security Water Closets and Urinals** *(22 46)*		
22 46 13 13		**Security Water Closets** *(22 46 13)*		
22 46 13 13-0001		Security Water Closets *(22 46 13 13)*		
22 46 13 13-0002	EA	Security Water Closet, Integral Seat, Back Supply And Flush Valve, Wall Hung, Wall Outlet, Cast Aluminum (Acorn 1675)	2,289.85	275.23
		For Angled Toilet, Add	*27.52*	
		For Offset Toilet, Add	*201.46*	
22 46 13 13-0003	EA	Security Water Closet, Integral Seat, Back Supply And Flush Valve, Floor Mount, Wall Outlet, Cast Aluminum (Acorn 1684)	2,737.90	275.23
		For Angled Toilet, Add	*27.52*	
		For Offset Toilet, Add	*246.27*	
22 46 13 13-0004	EA	Security Water Closet, Integral Seat, Back Supply And Flush Valve, Floor Mount, Floor Outlet, Cast Aluminum (Acorn 1695)	2,777.15	275.23
		For Angled Toilet, Add	*27.52*	
		For Offset Toilet, Add	*250.19*	
22 46 13 13-0005	EA	Recessed Tissue Holder For Security Water Closet, Stainless Steel (Acorn 1840)	271.10	55.05
22 46 13 16		**Security Urinals** *(22 46 13)*		
22 46 13 16-0001		Security Urinals *(22 46 13 16)*		
22 46 13 16-0002	EA	Security Urinal, Back Supply And Flush, Wall Hung, Stainless Steel (Acorn 1700)	2,665.26	247.71
22 46 13 16-0003	EA	Security Urinal, Back Supply And Flush, Stall, Stainless Steel (Acorn 1720)	4,484.57	351.97
22 46 13 19		**Security Combination Toilet and Lavatory** *(22 46 13)*		
22 46 13 19-0001		Security Combination Toilet - Lavatory *(22 46 13 19)*		
22 46 13 19-0002	EA	15" Wide Combination Security Water Closet And Lavatory Unit, Soap And Paper Holders, Seat, Wall Mounted, Stainless Steel (Acorn 1415)	4,063.90	341.28
		For 15" Mirror/Shelf Module, Add	*891.28*	
		For Angled Toilet, Add	*34.13*	
		For Intercom Option, Add	*143.26*	
		For AC Duplex Outlet Option, Add	*98.26*	
		For 15" Wide Light/Ventilation Module, Add	*839.77*	
		For Offset Toilet, Add	*372.26*	
22 46 13 19-0003	EA	18" Wide Combination Security Water Closet And Lavatory Unit, Soap And Paper Holders, Seat, Wall Mounted, Stainless Steel (Acorn 1418)	4,190.33	357.80
		For Angled Toilet, Add	*35.78*	
		For 18" Wide Light/Ventilation Module, Add	*864.68*	
		For Intercom Option, Add	*146.56*	
		For AC Duplex Outlet Option, Add	*101.56*	
		For Offset Toilet, Add	*383.25*	
		For 18" Mirror/Shelf Module, Add	*932.80*	
22 46 13 19-0004	EA	20" Wide Combination Security Water Closet And Lavatory Unit, Soap And Paper Holders, Seat, Wall Mounted, Stainless Steel (Acorn 1420)	4,288.33	374.31
		For 20" Mirror/Shelf Module, Add	*984.31*	
		For Angled Toilet, Add	*37.43*	
		For Intercom Option, Add	*149.86*	
		For 20" Wide Light/Ventilation Module, Add	*899.59*	
		For AC Duplex Outlet Option, Add	*104.86*	
		For Offset Toilet, Add	*391.40*	
22 46 13 19-0005	EA	26" Wide Combination Security Water Closet And Lavatory Unit, Soap And Paper Holders, Seat, Wall Mounted, Stainless Steel (Acorn 1426)	4,583.95	390.82
		For 26" Wide Light/Ventilation Module, Add	*929.49*	
		For Angled Toilet, Add	*39.08*	
		For 26" Mirror/Shelf Module, Add	*1,025.82*	
		For Intercom Option, Add	*153.16*	
		For AC Duplex Outlet Option, Add	*108.16*	
		For Offset Toilet, Add	*419.31*	
22 46 13 19-0006	EA	28" Wide Combination Security Water Closet And Lavatory Unit, Soap And Paper Holders, Seat, Floor Mounted, Stainless Steel (Acorn 1428)	7,266.02	407.34
		For Angled Toilet, Add	*40.73*	
		For 28" Wide Light/Ventilation Module, Add	*959.40*	
		For Intercom Option, Add	*156.47*	
		For AC Duplex Outlet Option, Add	*111.47*	
		For Offset Toilet, Add	*685.87*	
		For 28" Mirror/Shelf Module, Add	*1,062.34*	
22 46 16		**Security Lavatories and Sinks** *(22 46)*		
22 46 16 13		**Security Lavatories** *(22 46 16)*		
22 46 16 13-0001		Security Lavatories *(22 46 16 13)*		
22 46 16 13-0002	EA	20" Security Lavatory, Wall Hung, Push Button Filler Valve, Rectangular Bowl, Stainless Steel (Acorn 1650)	1,647.25	192.66
		For Shelf, Add	*92.80*	
22 46 16 13-0003	EA	18" Security Lavatory, Wall Hung, Push Button Filler Valve, Oval Bowl, Stainless Steel (Acorn 1655)	1,673.24	192.66
		For Shelf, Add	*92.80*	
22 46 16 13-0004	EA	13" Security Lavatory, Wall Hung, Push Button Filler Valve, Oval Bowl, Corner Mount, Stainless Steel (Acorn 1660)	1,892.71	192.66
		For Shelf, Add	*92.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 46 16 13-0005	EA	18" Security Lavatory, Wall Hung, Push Button Filler Valve, Multi Sided Bowl, Stainless Steel (Acorn 1656)	1,673.24	192.66
		For Shelf, Add	*92.80*	

22 46 16 16 Security Sinks *(22 46 16)*

22 46 16 16-0001 Security Sinks *(22 46 16 16)*

22 46 16 16-0002	EA	22" x 16" x 10" Security Service Sink, With Soap Dish, Stainless Steel (Acorn 1642)	3,477.45	293.39

22 46 16 16-0003 Security Mop Sink *(22 46 16 16)*

22 46 16 16-0004	EA	24" x 24" x 10" Stainless Steel Mop Sink With Strainer (ACORN 1630)	4,219.27	165.14

22 46 19 Security Showers *(22 46)*

22 46 19 00-0001 Security Showers *(22 46 19)*

22 46 19 00-0002	EA	30" Security Shower, Stainless Steel, Knock-Down (Acorn 1730-3M-KD)	8,892.65	440.36
22 46 19 00-0003	EA	32" Security Shower, Stainless Steel, Knock-Down (Acorn 1732-3M-KD)	9,206.69	440.36
22 46 19 00-0004	EA	36" Security Shower, Stainless Steel, Knock-Down (Acorn 1736-3M-KD)	9,529.89	440.36
22 46 19 00-0005	EA	36" ADA Security Shower, Stainless Steel, Front Access (Acorn 1736-ADA-3M-FA)	12,060.52	440.36
22 46 19 00-0006	EA	Security Shower Package For Built-in, Hot And Cold Faucets, Mixing Valve, Rectangular Soap Dish, Stainless Steel (Acorn 1741)	637.24	146.97
22 46 19 00-0007	EA	Security Shower Head With Mixing Valves And Piping Assembly In Wall (Acorn 1743)	447.23	77.07

22 46 43 Security Plumbing Fixture Flushometers *(22 46)*

22 46 43 00-0001	EA	Concealed Manual Water Closet Flush Valve, With Pushbutton Control (Sloan 601 AFD ESM) Note: Anti-flood device (AFD), solenoid operated with module plug 24V (ESM).	791.37	37.54
22 46 43 00-0002	EA	Concealed Manual Urinal Flush Valve, 1-1/2" Backinlet, With Pushbutton Control (Sloan 609 ESM) Note: Solenoid operated with module plug 24V (ESM).	790.45	37.54
22 46 43 00-0003	EA	Concealed Manual Urinal Flush Valve, 3/4" Backinlet, With Pushbutton Control (Sloan 613 ESM) Note: Solenoid operated with module plug 24V (ESM).	763.64	37.54

22 46 56 Security Drinking Fountains *(22 46)*

22 46 56 00-0001 Security Drinking Fountain *(22 46 56)*
Note: Includes air control valve, bubbler with mouthguard and mounting bracket.

22 46 56 00-0002	EA	Wall Mounted Security Drinking Fountain, Stainless Steel (Acorn 1670-1-BP-3-FA)	1,863.18	220.18
22 46 56 00-0003	EA	Wall Mounted Security ADA Drinking Fountain, Stainless Steel (Acorn 1672-1-ADA-BP-3-FA)	1,875.71	220.18

22 47 Drinking Fountains and Water Coolers *(22 40)*

22 47 13 Drinking Fountains *(22 47)*

22 47 13 00-0001 Indoor Drinking Fountains *(22 47 13)*

22 47 13 00-0002 Face Mounted Indoor Drinking Fountain *(22 47 13 00-0001)*

22 47 13 00-0003	EA	Stainless Steel, Standard Length, Semi-Circular Indoor Drinking Fountain With Bubbler, 180 Degree Push Bar (Halsey-Taylor OVL-II-S)	2,491.11	178.90
22 47 13 00-0004	EA	Stainless Steel, Standard Length, Semi-Circular With Back Panel Indoor Drinking Fountain With Bubbler, 180 Degree Push Bar (Halsey-Taylor OVL-II-SBP)	3,676.31	192.66
22 47 13 00-0005	EA	Stainless Steel, Extended Length, Semi-Circular Indoor Drinking Fountain With Bubbler, 180 Degree Push Bar (Halsey-Taylor OVL-II-E)	3,323.27	178.90
22 47 13 00-0006	EA	Stainless Steel, Extended Length, Semi-Circular With Back Panel Indoor Drinking Fountain With Bubbler, 180 Degree Push Bar (Halsey-Taylor OVL-II-EBP)	3,976.01	192.66
22 47 13 00-0007	EA	Stainless Steel, Standard Length, Rectangle Indoor/Outdoor Drinking Fountain With Bubbler, Rounded Corners (Halsey-Taylor HRFS)	1,627.52	178.90
22 47 13 00-0008	EA	Stainless Steel, Standard Length, Rectangle With Back Panel Indoor/Outdoor Drinking Fountain With Bubbler, Rounded Corners With Back Panel (Halsey-Taylor HRFSBP)	1,961.26	192.66
22 47 13 00-0009	EA	Stainless Steel, Extended Length, Rectangle Indoor/Outdoor Drinking Fountain With Bubbler, Rounded Corners (Halsey-Taylor HRFE)	1,857.74	178.90
22 47 13 00-0010	EA	Stainless Steel, Extended Length, Rectangle With Back Panel Indoor/Outdoor Drinking Fountain With Bubbler, Rounded Corners (Halsey-Taylor HRFEBP)	2,272.44	192.66

22 47 13 00-0011 Wall Mounted Indoor Drinking Fountain *(22 47 13 00-0001)*

22 47 13 00-0012	EA	Stainless Steel Wall-Mounted Rectangle Indoor Drinking Fountain With Bubbler, Backsplash, Front And Side Push Bars (Halsey-Taylor 5701)	1,669.48	192.66
22 47 13 00-0013	EA	Stainless Steel Wall-Mounted Rectangle Indoor Drinking Fountain/Bottle Filling Station With Bubbler, Backsplash, Front And Side Push Bars (Halsey-Taylor HTHB-HAC8WF)	2,633.80	192.66
22 47 13 00-0014	EA	Bi-Level, Stainless Steel Wall-Mounted Indoor Bottle Filling Station With Drinking Fountains (Halsey-Taylor HTHB-HAC8BLWF)	3,336.00	247.71
22 47 13 00-0015	EA	Bi-Level, Stainless Steel Wall-Mounted Indoor Bottle Filling Station With Drinking Fountains (Elkay VRCGRNTL8WSK)	3,576.24	247.71
22 47 13 00-0016	EA	Bi-Level, Stainless Steel Wall-Mounted Indoor Bottle Filling Station With Drinking Fountains (Elkay EZSTLG8WSLK)	3,074.52	247.71
22 47 13 00-0017	EA	Bi-Level, Stainless Steel Wall-Mounted Indoor Bottle Filling Station With Drinking Fountains (Elkay LZSTL8WSSP)	2,798.02	247.71
22 47 13 00-0018	EA	Stainless Steel Wall-Mounted Indoor Chilled Hands-Free Bottle Filling Station With Vandal-Resistant Drinking Fountain (Elkay LVRC8WSK)	3,155.56	192.66

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 47 13 00-0019	EA	Stainless Steel Wall-Mounted Indoor Chilled Hands-Free Non-Filtered Bottle Filling Station With Vandal-Resistant Drinking Fountain (Elkay VRC8WSK)	3,048.05	192.66
22 47 13 00-0020	EA	Stainless Steel Wall-Mounted Indoor Hands-Free Filtered Bottle Filling Station With Vandal-Resistant Drinking Fountain (Elkay LVRCDWSK)	2,916.65	192.66
22 47 13 00-0021	EA	Stainless Steel Wall-Mounted Indoor Hands-Free Non-Filtered Bottle Filling Station With Vandal-Resistant Drinking Fountain (Elkay VRCDWSK)	2,797.19	192.66
22 47 13 00-0022	EA	Stainless Steel Wall-Mounted High-Efficiency Indoor Chilled Hands-Free Filtered Bottle Filling Station With Vandal-Resistant Drinking Fountain (Elkay LVRCGRN8WSK)	2,546.32	192.66
22 47 13 00-0023	EA	Stainless Steel Wall-Mounted High-Efficiency Indoor Chilled Hands-Free Non-Filtered Bottle Filling Station With Vandal-Resistant Drinking Fountain (Elkay VRCGRN8WSK)	2,438.81	192.66
22 47 13 00-0024	EA	Stainless Steel Wall-Mounted High-Efficiency Indoor Chilled Hands-Free Filtered Bottle Filling Station With Drinking Fountain (Elkay LZSG8WSSK)	2,319.35	192.66
22 47 13 00-0025	EA	Stainless Steel Wall-Mounted Indoor Chilled Filtered Bottle Filling Station With Hands-Free Touchless Sensor Drinking Fountain (Elkay LZO8WSSK)	2,319.35	192.66
22 47 13 00-0026	EA	Stainless Steel Wall-Mounted Indoor Chilled Non-Filtered Bottle Filling Station With Hands-Free Fountain (Elkay EZO8WSSK)	2,211.84	192.66
22 47 13 00-0027	EA	Stainless Steel Wall-Mounted Indoor Chilled Hands-Free Bottle Filling Station With Drinking Fountain (Elkay EZSG8WSSK)	2,211.84	192.66
22 47 13 00-0028	EA	Stainless Steel Wall-Mounted Indoor Chilled Hands-Free Filtered Bottle Filling Station With Drinking Fountain (Elkay LMABF8WSSK)	2,164.06	192.66
22 47 13 00-0029	EA	Stainless Steel Wall-Mounted Indoor Chilled Hands-Free Filtered Bottle Filling Station With Vandal-Resistant Drinking Fountain (Elkay LZS8WSVRSK)	2,164.06	192.66
22 47 13 00-0030	EA	Stainless Steel Wall-Mounted Indoor Chillded Hands-Free Non-Filtered Bottle Filling Station With Drinking Fountain (Elkay EMABF8WSSK)	2,056.54	192.66
22 47 13 00-0031	EA	Stainless Steel Wall-Mounted Indoor Chilled Hands-Free Filtered Bottle Filling Station With Drinking Fountain (Elkay LZS8WSSK)	1,996.82	192.66
22 47 13 00-0032	EA	Stainless Steel Wall-Mounted Indoor Chilled Hands-Free Filtered Bottle Filling Station With Drinking Fountain (Elkay LZS8WSSP)	1,913.19	192.66
22 47 13 00-0033	EA	Stainless Steel Wall-Mounted Indoor Hands-Free Filtered Bottle Filling Station With Drinking Fountain (Elkay LZSDWSSK)	1,877.36	192.66
22 47 13 00-0034	EA	Stainless Steel Wall-Mounted Indoor Hands-Free Non-Filtered Bottle Filling Station With Drinking Fountain (Elkay EMABFDWSLK)	1,757.90	192.66
22 47 13 00-0035	EA	Vinyl Clad Cabinet, Stainless Steel Wall-Mounted Indoor Bottle Filling Station With Drinking Fountain (Elkay EMABF8WSLK)	1,996.82	192.66
22 47 13 00-0036	EA	Vinyl Clad Cabinet, Non-Chilled, Stainless Steel Wall-Mounted Indoor Bottle Filling Station With Drinking Fountain (Elkay EMABFDWSLK)	1,757.90	192.66
22 47 13 00-0037	EA	Vinyl Clad Cabinet, Stainless Steel Wall-Mounted Indoor Bottle Filling Station With Drinking Fountain (Elkay LZS8WSLK)	1,863.19	192.66
22 47 13 00-0038	EA	Vinyl Clad Cabinet, Stainless Steel Wall-Mounted Indoor, Bottle Filling Station With Drinking Fountain (Elkay LZS8WSLP)	1,865.41	192.66
22 47 13 00-0039	EA	Surface Mounted, Stainless Steel, Filtered Non-Refrigerated, Bottle Filling Station Kit (Elkay LZWSSM)	1,540.30	137.62
22 47 13 00-0040	EA	Wall Mounted, Non-Filtered Non-Refrigerated, Retrofit Bottle Filling Station Kit (Elkay EMABFWS-RF)	1,158.03	137.62
22 47 13 00-0041		**Semi-Recessed Indoor Drinking Fountain** *(22 47 13 00-0001)*		
22 47 13 00-0042	EA	Stainless Steel Semi-Recessed Indoor Drinking Fountain With Bubbler (Halsey-Taylor 5801)	2,279.69	206.42
22 47 13 00-0043	EA	Stainless Steel Semi-Recessed Indoor Drinking Fountain With Bubbler And Cuspidor (Halsey-Taylor 5801C)	5,058.30	206.42
22 47 13 00-0044		**Fully Recessed Indoor Drinking Fountain** *(22 47 13 00-0001)*		
22 47 13 00-0045	EA	Stainless Steel Fully-Recessed, With Bubbler, Indoor Drinking Fountain (Halsey-Taylor 8880, Haws 2400)	2,438.84	220.18
22 47 13 00-0046	EA	Stainless Steel Fully-Recessed, With Bubbler And Cuspidor, Indoor Drinking Fountain (Halsey-Taylor 8800 With 10245, Haws 2403)	4,570.55	220.18
22 47 13 00-0047		**Countertop Indoor Drinking Fountain** *(22 47 13 00-0001)*		
22 47 13 00-0048	EA	Stainless Steel Countertop Circular Indoor Drinking Fountain Basin With Pushbutton Bubbler (Halsey-Taylor 10000)	979.91	137.62
22 47 13 00-0049	EA	Stainless Steel Countertop Rectangular Indoor Drinking Fountain Basin With Pushbutton Bubbler (Halsey-Taylor 6000)	939.78	137.62
22 47 13 00-0050	EA	Stainless Steel Countertop Oval Indoor Drinking Fountain Basin With Pushbutton Bubbler (Halsey-Taylor 6028)	1,159.70	137.62
22 47 13 00-0051		**Bowl And Bracket Indoor Drinking Fountain** *(22 47 13 00-0001)*		
22 47 13 00-0052	EA	Stainless Steel, Bowl And Bracket With Pushbutton Bubbler, Indoor Drinking Fountain (Halsey-Taylor 2501A)	812.97	137.62
22 47 13 00-0053	EA	Stainless Steel, Bowl And Bracket, Self Closing Lever Handle Stop, Indoor Drinking Fountain (Halsey-Taylor 4540)	999.39	137.62
22 47 13 00-0054		**Multi-Station Indoor Drinking Fountain** *(22 47 13 00-0001)*		
22 47 13 00-0055	EA	Two Station, Stainless Steel, Indoor Drinking Fountains With Bubbler And Built In Backsplash, With Bottom Cover Plate (Halsey-Taylor 7020)	4,755.14	220.18
22 47 13 00-0056	EA	Three Station, Stainless Steel, Indoor Drinking Fountains With Bubbler And Built In Backsplash, With Bottom Cover Plate (Halsey-Taylor 7030)	6,019.98	220.18
22 47 13 00-0057	EA	Two Station, Marblyte, Face-Mounted Indoor Drinking Fountain With Bubblers (Halsey-Taylor 7120)	4,528.64	220.18
22 47 13 00-0058	EA	Two Station, White Enameled Iron Indoor Drinking Fountains With Bubblers (Haws 1430)	3,795.23	220.18
22 47 13 00-0059	EA	Three Station, White Enameled Iron Indoor Drinking Fountains With Bubblers (Haws 1435)	4,819.35	220.18
22 47 13 00-0060	EA	Bi-Level, Stainless Steel, Indoor Drinking Fountain With Bubblers And Back Panel (Halsey-Taylor HRFSEBP, Haws 1119.14 With 6700.4)	4,134.53	280.87
22 47 13 00-0061	EA	Two Station, Cast Aluminum Indoor Drinking Fountains With Bubblers (Haws 1441)	5,574.92	220.18
22 47 13 00-0062	EA	Three Station, Cast Aluminum Indoor Drinking Fountains With Bubblers (Haws 1408)	5,475.99	220.18

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 47 13 00-0063		Outdoor Drinking Fountains *(22 47 13)*		
22 47 13 00-0064		Face Mounted Outdoor Drinking Fountains *(22 47 13 00-0063)*		
22 47 13 00-0065	EA	Stainless Steel Freeze Resistant Face Mounted Outdoor Drinking Fountain With Bubbler (Halsey-Taylor HRFE-FR)	2,109.51	220.18
22 47 13 00-0066	EA	Stainless Steel Freeze Resistant Face Mounted, With Back Panel, Outdoor Drinking Fountain With Bubbler (Halsey-Taylor HRFEBP-FR)	2,327.48	220.18
22 47 13 00-0067	EA	Stone Aggregate Weather Resistant Face Mounted Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4592)	2,232.84	220.18
22 47 13 00-0068	EA	Stone Aggregate Freeze Resistant Face Mounted Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4592-FR)	3,348.47	220.18
22 47 13 00-0069		Free Standing Outdoor Drinking Fountains *(22 47 13 00-0063)*		
22 47 13 00-0070	EA	Steel Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4715)	4,155.51	206.42
22 47 13 00-0071	EA	Steel Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4715-FR)	5,894.93	206.42
22 47 13 00-0072	EA	Steel Barrier-Free Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4710)	4,149.73	206.42
22 47 13 00-0073	EA	Steel Barrier-Free Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4710-FR)	5,783.83	206.42
22 47 13 00-0074	EA	Steel Barrier-Free Bi-level Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4720)	6,236.51	220.18
22 47 13 00-0075	EA	Steel Barrier-Free Bi-level Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4720-FR)	6,352.66	220.18
22 47 13 00-0076	EA	Stone Aggregate Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4591)	2,274.13	206.42
22 47 13 00-0077	EA	Stone Aggregate Barrier-Free Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4590)	4,029.32	206.42
22 47 13 00-0078	EA	Stone Aggregate Barrier-Free Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4590-FR)	5,768.74	206.42
22 47 13 00-0079	EA	Stone Aggregate Barrier-Free Bi-level Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4595)	6,805.80	220.18
22 47 13 00-0080	EA	Stone Aggregate Barrier-Free Bi-level Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4595-FR)	9,613.54	220.18
22 47 16		**Pressure Water Coolers** *(22 47)*		
22 47 16 00-0001		Indoor Water Coolers *(22 47 16)*		
22 47 16 00-0002		Face Mounted Indoor Water Coolers *(22 47 16 00-0001)*		
22 47 16 00-0003	EA	Stainless Steel, Semi-Circular Water Cooler With Bubbler, Face-Mounted, Extended Length, 180 Degree Push Bar, 7.5 GPH (Halsey-Taylor OVL-II ER-Q)	4,778.15	220.18
22 47 16 00-0004	EA	Stainless Steel, Semi-Circular Water Cooler, Electronic Sensor, Face-Mounted, Extended Length, With Bubbler, 7.5 GPH (Halsey-Taylor OVL-II EREE-Q)	5,112.27	220.18
22 47 16 00-0005		Wall Mounted Indoor Water Coolers *(22 47 16 00-0001)*		
22 47 16 00-0006	EA	Stainless Steel Wall-Mounted Compact Water Cooler, 4 GPH, With Bubbler, (Halsey-Taylor SW4A-Q)	2,189.82	220.18
22 47 16 00-0007	EA	Stainless Steel Wall-Mounted Compact Water Cooler, 8 GPH, With Bubbler (Halsey-Taylor SW8A-Q)	2,275.86	220.18
22 47 16 00-0008	EA	Stainless Steel Wall-Mounted Compact Water Cooler, 14 GPH, With Bubbler (Halsey-Taylor SW14A-Q)	2,545.44	220.18
22 47 16 00-0009	EA	Stainless Steel Wall-Mounted Vandal Resistant Compact Water Cooler With Bubbler, 8 GPH (Halsey-Taylor SW8A-VR-Q-SS)	2,648.69	220.18
22 47 16 00-0010	EA	Stainless Steel Wall-Mounted Vandal Resistant Barrier Free Water Cooler With Bubbler, 8 GPH (Halsey-Taylor HVR8-CHILD ADA)	1,920.23	220.18
22 47 16 00-0011	EA	Stainless Steel Wall-Mounted Barrier Free Water Cooler With Bubbler, Front And Side Pushbar, 8 GPH (Halsey-Taylor WC8AFS-Q-SS)	2,250.04	220.18
22 47 16 00-0012	EA	Stainless Steel Wall-Mounted Barrier Free Water Cooler With Bubbler, Front And Side Pushbar, 8 GPH (Halsey-Taylor HAC8FS-Q Child SS)	1,735.24	220.18
22 47 16 00-0013	EA	Stainless Steel, Wall Mounted, Barrier Free, Bi-Level Indoor Water Cooler With Bubblers, 8 GPH (Halsey-Taylor HAC8FSBL-Q-SS)	2,937.70	330.27
22 47 16 00-0014		Simulated Recessed Indoor Water Coolers *(22 47 16 00-0001)*		
22 47 16 00-0015	EA	Stainless Steel Simulated Recessed Water Cooler With Bubbler, 8 GPH (Halsey-Taylor RWM8A-Q)	2,642.70	220.18
22 47 16 00-0016		Fully Recessed Indoor Water Coolers *(22 47 16 00-0001)*		
22 47 16 00-0017	EA	Stainless Steel Fully-Recessed Water Cooler With Bubbler, 8 GPH (Halsey-Taylor RC8A-Q)	5,266.22	247.71
22 47 16 00-0018	EA	Stainless Steel Fully-Recessed Water Cooler With Bubbler And Cup Dispenser, 8 GPH (Halsey-Taylor RC8AQ + 14762)	6,473.14	247.71
22 47 16 00-0019	EA	Stainless Steel Fully-Recessed Water Cooler With Bubbler And Cup Dispenser And Glass Filler, 8 GPH (Halsey-Taylor RC8A-Q-14700)	7,608.02	247.71
22 47 16 00-0020		Free Standing Indoor Water Coolers *(22 47 16 00-0001)*		
22 47 16 00-0021	EA	Stainless Steel, Free-Standing Indoor Water Cooler, 4 GPH, With Bubbler (Halsey-Taylor SCWT4A-Q)	2,124.73	192.66
22 47 16 00-0022	EA	Stainless Steel, Free-Standing Indoor Water Cooler, 8 GPH, With Bubbler (Halsey-Taylor SCWT8A-Q)	2,292.50	192.66
22 47 16 00-0023	EA	Stainless Steel, Free-Standing Indoor Water Cooler, 14 GPH, With Bubbler (Halsey-Taylor SCWT14A-Q)	2,620.89	192.66
22 47 16 00-0024	EA	Stainless Steel, Free-Standing Vandal Resistant Water Cooler With Bubbler, 14 GPH (Halsey-Taylor SCWT14A-VR-Q)	2,932.06	192.66
22 47 16 00-0025		Bottled Water Coolers *(22 47 16 00-0001)*		
22 47 16 00-0026	EA	Free-Standing Bottled Water Cooler With Chilled Or Room Temperature Water	703.88	110.09
22 47 16 00-0027	EA	Free-Standing Bottled Water Cooler With Chilled Or Hot Water	857.98	110.09

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 47 16 00-0028		**Multi-Station Indoor Water Coolers** *(22 47 16 00-0001)*		
22 47 16 00-0029	EA	Stainless Steel, Wall Mounted, Two Station, Semi-Circular Indoor Water Cooler With Bubblers, 180 Degree Push Bars, 7.5 GPH (Halsey-Taylor OVL-II SER-Q)	6,280.70	330.27
22 47 16 00-0030	EA	Stainless Steel, Wall Mounted, Two Station, Electronic Sensor Semicircular Indoor Water Cooler With Bubblers, 180 Degree Push Bars, 7.5 GPH (Halsey-Taylor OVL-II-SEREE-Q)	7,246.79	330.27
22 47 16 00-0031	EA	Stainless Steel, Wall Mounted, Barrier Free, Bi-Level, Vandal Resistant Indoor Water Cooler With Bubblers, 8 GPH (Halsey-Taylor HVR8BL-CHILD ADA-SS)	3,205.86	330.27
22 47 16 00-0032		**Outdoor Water Coolers** *(22 47 16)*		
22 47 16 00-0033		**Wall Mounted Outdoor Water Coolers** *(22 47 16 00-0032)*		
22 47 16 00-0034	EA	Stainless Steel, Wall Mounted, Barrier Free, Vandal Resistant, Frost Resistant Outdoor Water Cooler With Bubbler, 8 GPH (Halsey-Taylor HVR8FR-CHILD ADA-SS)	2,337.92	137.62
22 47 16 00-0035	EA	Stainless Steel, Wall Mounted, Barrier Free, Bi-Level, Vandal Resistant Outdoor Water Cooler With Bubblers, 8 GPH (Halsey-Taylor HVR8BLFR-CHILD ADA-SS)	4,095.36	137.62
22 47 16 00-0036		**Free Standing Outdoor Water Coolers** *(22 47 16 00-0032)*		
22 47 16 00-0037	EA	Stainless Steel Free-Standing Outdoor Water Cooler With Bubbler, 14 GPH (Halsey-Taylor HOF14A-Q)	3,873.02	206.42
22 47 16 00-0038	EA	Stainless Steel Free-Standing Frost Resistant Outdoor Water Cooler With Bubbler, 14 GPH (Halsey-Taylor HOF14A-FR-Q)	4,676.05	206.42
22 47 16 00-0039		**Removal And Reinstallation Of Fixtures And Trim** *(22 47 16)* Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
22 47 16 00-0040	EA	Removal And Reinstallation Of Wall Hung Water Cooler	534.94	
22 47 16 00-0041	EA	Removal And Reinstallation Of Floor Mount Water Cooler	119.55	
22 47 19		**Water-Station Water Coolers** *(22 47)*		
22 47 19 00-0001		**Bottle Filler** *(22 47 19)*		
22 47 19 00-0002	EA	Outdoor Tubular Bottle Filling Station, Surface Mount (Elkay LK4410BF)	4,094.60	220.18
		For Stainless Steel Carrier, Add	*205.00*	
22 47 19 00-0003	EA	Outdoor Tubular Bottle Filling Station, Surface Mount, Freeze Resistant (Elkay LK4410BFFRK)	7,213.96	220.18
		For Stainless Steel Carrier, Add	*205.00*	
22 47 19 00-0004	EA	Tri-level Outdoor Tubular Bottle Filling Station With Single Bottle Filler And Two Drinking Fountain Basins, Surface Mount (Elkay LK4430BF1)	9,288.32	247.71
		For Stainless Steel Carrier, Add	*205.00*	
22 47 19 00-0005	EA	Tri-level Outdoor Tubular Bottle Filling Station With Two Bottle Fillers And Single Drinking Fountain Basin, Surface Mount (Elkay LK4430BF2)	10,052.24	247.71
		For Stainless Steel Carrier, Add	*205.00*	
22 47 19 00-0006	EA	Tri-level Outdoor Tubular Bottle Filling Station With Three Bottle Fillers, Surface Mount (Elkay LK4430BF3)	10,816.16	247.71
		For Stainless Steel Carrier, Add	*205.00*	
22 47 23		**Remote Water Coolers** *(22 47)*		
22 47 23 00-0001		**Remote Chillers** *(22 47 23)*		
22 47 23 00-0002	EA	1.5 GPH Remote Chiller (Halsey-Taylor SJ1-Q)	1,350.30	74.31
22 47 23 00-0003	EA	5 GPH Remote Chiller (Halsey-Taylor SJ5-Q)	2,075.19	82.57
22 47 23 00-0004	EA	8 GPH Remote Chiller (Halsey-Taylor SJ8-Q)	1,764.30	96.33
22 47 23 00-0005	EA	10 GPH Remote Chiller (Halsey-Taylor SJ10-Q)	2,280.81	110.09
22 47 23 00-0006	EA	19 GPH Remote Chiller (Halsey-Taylor SJ19-Q)	3,578.25	165.14
22 47 23 00-0007	EA	30 GPH Remote Chiller (Halsey-Taylor SJ30-Q)	3,879.62	178.90
22 47 26		**Fixture Carriers** *(22 47)*		
22 47 26 00-0001		**Water Cooler Carriers** *(22 47 26)*		
22 47 26 00-0002		**Floor Mounted, Water Cooler Carriers** *(22 47 26 00-0001)* Note: Includes adjustable supporting rods, structural uprights and welded feet.		
22 47 26 00-0003	EA	Floor Mounted Hanger Plate Type, Single Water Cooler Carrier	600.38	41.84
		For Up To 4" Extension Sleeves And Hardware, Add	*33.74*	
		For Bi-Level Carrier, Add	*372.54*	
22 47 26 00-0004	EA	Floor Mounted Bearing Plate Type, Single Water Cooler Carrier	714.20	41.84
		For Up To 4" Extension Sleeves And Hardware, Add	*33.74*	
		For Bi-Level Carrier, Add	*372.54*	

22 50 Pool and Fountain Plumbing Systems *(22)*

22 51 Swimming Pool Plumbing Systems *(22 50)*

22 51 13 Swimming Pool Piping *(22 51)*

22 51 13 00-0001		**Swimming Pool Gutters** *(22 51 13)*		
22 51 13 00-0002	LF	Swimming Pool Gutters, Stainless	287.92	24.77

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 51 13 00-0003		**Pool Drains** *(22 51 13)*		
22 51 13 00-0004		**Cast Iron Pool Drain With Bottom Outlet** *(22 51 13 00-0003)* Note: Large square top and 24" loose set round super-flo grate.		
22 51 13 00-0005	EA	Cast Iron Pool Drain, 4" - 8" Bottom Outlet, Large Square Top And 24" Super-Flo Grate	2,381.32	69.36
		For Galvanized Top, Add	*276.40*	
		For Polished Bronze Top, Add	*769.60*	
		For Vandal Proof Construction, Add	*57.20*	
		For Chromium Plated Top, Add	*805.00*	
22 51 13 00-0006		**Cast Iron Pool Drain With Waterproof Flange** *(22 51 13 00-0003)* Note: Bottom outlet 14" square top and loose set square flange.		
22 51 13 00-0007	EA	Cast Iron Pool Drain, 2" - 4" Bottom Outlet With Waterproof Flange And 14" Square Top	712.47	69.36
		For Galvanized Top, Add	*38.10*	
		For Supplementary Strainer, Add	*7.00*	
		For Ground Screw, Add	*18.30*	
		For Hinge Grate, Add	*28.60*	
		For Clamp Device, Add	*13.80*	
		For Vandal Proof Construction, Add	*17.10*	
		For Polished Bronze Top, Add	*133.50*	
		For Threaded Outlet, Add	*9.50*	
		For Chromium Plated Top, Add	*146.90*	
22 51 13 00-0008		**Pool Supply Fittings** *(22 51 13)*		
22 51 13 00-0009		**Cast Iron Pool Supply Fittings** *(22 51 13 00-0008)* Note: Includes polished bronze head and anchor flange and adjustable V-ported valve insert and threaded inlet.		
22 51 13 00-0010	EA	Cast Iron Pool Fitting For 2" Pipe	903.85	123.85
		For Grounding Screw, Add	*18.30*	
		For Galvanized Head, Add	*26.30*	
		For Vandal Proof Construction, Add	*11.50*	
22 51 13 00-0011	EA	Cast Iron Pool Fitting For 3" Pipe	903.85	123.85
		For Grounding Screw, Add	*18.30*	
		For Galvanized Head, Add	*26.30*	
		For Vandal Proof Construction, Add	*11.50*	
		For Chromium Plated Head, Add	*11.50*	
22 51 16		**Swimming Pool Pumps** *(22 51)*		
22 51 16 00-0001		**Variable Speed Pool Pumps** *(22 51 16)*		
22 51 16 00-0002	EA	3 HP, Variable Speed Pool Pump With Vacuum Release (Pentair INTELLIFLO VS+SVRS 11017)	2,835.02	467.89
22 51 16 00-0003	EA	Variable Speed Pool Pump (Hayward EcoStar SVRS SP3400VSP)	3,104.55	467.89
22 51 16 00-0004	EA	Variable Speed Pool Pump With Vacuum Release (Hayward EcoStar SVRS SP3400VSPVR)	3,466.31	467.89
22 51 16 00-0005		**Electric Powered Portable Vacuum Cleaner Pump** *(22 51 16)* Note: Includes 75' of 3 wire electric safety cord.		
22 51 16 00-0006	EA	1 HP Electric Portable Vacuum Cleaner Pump With 75' Of 3-Wire Safety Cord	376.66	55.05
22 51 16 00-0007	EA	1-1/2 HP Electric Portable Vacuum Cleaner Pump With 75' Of 3-Wire Safety Cord	649.50	55.05
22 51 16 00-0008		**Gasoline Driven Portable Vacuum Cleaner Pump** *(22 51 16)*		
22 51 16 00-0009	EA	3 HP Gasoline Driven Portable Vacuum Cleaner Pump	2,463.36	55.05
22 51 19		**Swimming Pool Water Treatment Equipment** *(22 51)*		
22 51 19 00-0001		**Condensing Pool Water Heater** *(22 51 19)*		
22 51 19 00-0002	EA	372 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN400)	41,515.63	789.07
22 51 19 00-0003	EA	467 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN501)	45,217.94	946.88
22 51 19 00-0004	EA	567 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN601)	49,587.88	1,025.79
22 51 19 00-0005	EA	660 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN701)	60,936.00	1,104.69
22 51 19 00-0006	EA	773 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN801)	63,202.18	1,183.60
22 51 19 00-0007	EA	967 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN1015)	95,848.96	1,420.32
22 51 19 00-0008	EA	1,257 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN1320)	122,864.17	1,499.22
22 51 19 00-0009	EA	1,450 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN1520)	127,811.91	1,617.59
22 51 19 00-0010		**Non-Condensing Pool Water Heater** *(22 51 19)*		
22 51 19 00-0011	EA	500 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non-Condensing Pool Water Heater (Lochinvar CPN0502)	22,281.77	1,025.79
22 51 19 00-0012	EA	650 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non-Condensing Pool Water Heater (Lochinvar CPN0652)	23,745.61	1,104.69
22 51 19 00-0013	EA	750 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non-Condensing Pool Water Heater (Lochinvar CPN0752)	25,871.54	1,183.60
22 51 19 00-0014	EA	990 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non-Condensing Pool Water Heater (Lochinvar CPN0992)	34,206.35	1,420.32
22 51 19 00-0015	EA	1,260 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non-Condensing Pool Water Heater (Lochinvar CPN1262)	39,655.86	1,499.22

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 51 19 00-0016	EA	1,440 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non-Condensing Pool Water Heater (Lochinvar CPN1442)	42,331.90	1,617.59
22 51 19 00-0017	EA	1,800 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non-Condensing Pool Water Heater (Lochinvar CPN1802)	41,931.74	1,696.49
22 51 19 00-0018	EA	2,070 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non-Condensing Pool Water Heater (Lochinvar CPN2072)	54,404.61	1,735.95
22 51 19 00-0019		**Swimming Pool Heaters** *(22 51 19)* Note: Excludes wiring, external piping, base or pad. Commercial pools.		
22 51 19 00-0020		**Electric Pool Heaters** *(22 51 19 00-0019)*		
22 51 19 00-0021	EA	12 KW Heater (1 Degree/Hour), For 4,800 Gallon Pool	4,354.68	220.18
22 51 19 00-0022	EA	18 KW Heater (1 Degree/Hour), For 7,200 Gallon Pool	4,866.75	236.70
22 51 19 00-0023	EA	24 KW Heater (1 Degree/Hour), For 9,600 Gallon Pool	5,407.04	275.23
22 51 19 00-0024	EA	30 KW Heater (1 Degree/Hour), For 12,000 Gallon Pool	5,723.96	330.27
22 51 19 00-0025	EA	36 KW Heater (1 Degree/Hour), For 14,400 Gallon Pool	6,297.77	462.38
22 51 19 00-0026	EA	60 KW Heater (1 Degree/Hour), For 24,000 Gallon Pool	7,219.27	660.54
22 51 19 00-0027		**Gas Fired Pool Heaters** *(22 51 19 00-0019)*		
22 51 19 00-0028	EA	120 MBH Output Gas Fired Pool Heater	6,236.72	1,077.16
22 51 19 00-0029	EA	180 MBH Output Gas Fired Pool Heater	7,083.60	1,231.04
22 51 19 00-0030	EA	240 MBH Output Gas Fired Pool Heater	8,004.54	1,384.92
22 51 19 00-0031	EA	300 MBH Output Gas Fired Pool Heater	9,204.69	1,692.68
22 51 19 00-0032	EA	360 MBH Output Gas Fired Pool Heater	9,475.95	1,785.89
22 51 19 00-0033	EA	400 MBH Output Gas Fired Pool Heater	11,070.78	2,174.77
22 51 19 00-0034	EA	500 MBH Output Gas Fired Pool Heater	17,495.36	2,509.36
22 51 19 00-0035	EA	600 MBH Output Gas Fired Pool Heater	20,300.17	2,760.29
22 51 19 00-0036	EA	750 MBH Output Gas Fired Pool Heater	22,900.73	3,011.22
22 51 19 00-0037	EA	1,000 MBH Output Gas Fired Pool Heater	29,390.07	3,554.92
22 51 19 00-0038		**Surge Tanks** *(22 51 19)* Note: Includes 100 GPM vertical pump with 2 HP motor and electronic float switch. Prices are for 1' To 5' sump depth for pump.		
22 51 19 00-0039	EA	1,000 Gallon Surge Tank, With 2 HP Motor With 100 GPM Vertical Pump And Electric Float Switch	20,451.08	879.90
22 51 19 00-0040	EA	1,500 Gallon Surge Tank, With 2 HP Motor With 100 GPM Vertical Pump And Electric Float Switch	22,941.64	879.90
22 51 19 00-0041	EA	2,000 Gallon Surge Tank, With 2 HP Motor With 100 GPM Vertical Pump And Electric Float Switch	27,655.00	1,117.44
22 51 19 00-0042	EA	5,000 Gallon Surge Tank, With 2 HP Motor With 100 GPM Vertical Pump And Electric Float Switch	36,578.81	1,803.44
22 51 19 00-0043		**Diatomite Type Filter System** *(22 51 19)*		
22 51 19 00-0044	EA	35,000 Gallon Filter System, Diatomite	15,066.29	3,102.60
22 51 19 00-0045	EA	45,000 Gallon Filter System, Diatomite	17,965.41	3,723.12
22 51 19 00-0046		**Silver Recovery System, X-Ray Film Processing** *(22 51 19)*		
22 51 19 00-0047	EA	20 Gallon/Day Capacity, Silver Recovery System	2,028.09	373.62
22 51 19 00-0048	EA	40 Gallon/Day Capacity, Silver Recovery System	2,975.83	498.19
22 51 19 00-0049		**Inline Water Filter** *(22 51 19)* Note: 3/8" NPT threaded inlet and outlet, 125 PSI, includes one filter cartridge.		
22 51 19 00-0050	EA	2 GPM Water Filter, 100 Degree Temperature, 8" x 5" Diameter, Plastic Body	268.53	110.09
22 51 19 00-0051	EA	6 GPM Water Filter, 250 Degree Temperature, 12" x 5" Diameter, Stainless Steel Body	486.46	165.14
22 51 19 00-0052		**Swimming Pool Chlorinators** *(22 51 19)*		
22 51 19 00-0053	EA	Swimming Pool Chlorinator, 50-100 PPD, Direct Cylinder Mounted Gas Chlorinator	1,149.81	157.43
22 51 19 00-0054		**Ultra-Violet Pool Treatment Lights** *(22 51 19)*		
22 51 19 00-0055		**Stainless Steel Ultra-Violet Pool Treatment Lights** *(22 51 19 00-0054)* Note: Delta ELP Amalgam Series		
22 51 19 00-0056	EA	3" Flanged, 79 GPM, 2 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	16,151.82	343.26
22 51 19 00-0057	EA	3" Flanged, 116 GPM, 3 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	17,079.29	343.26
22 51 19 00-0058	EA	3" Flanged, 158 GPM, 4 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	17,874.27	343.26
22 51 19 00-0059	EA	4" Flanged, 254 GPM, 5 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	18,438.23	363.49
22 51 19 00-0060	EA	4" Flanged, 295 GPM, 6 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	18,832.19	363.49
22 51 19 00-0061	EA	4" Flanged, 329 GPM, 7 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	22,409.52	363.49
22 51 19 00-0062	EA	6" Flanged, 396 GPM, 6 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	26,424.81	652.77
22 51 19 00-0063	EA	6" Flanged, 440 GPM, 2 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	39,225.04	652.77
22 51 19 00-0064	EA	6" Flanged, 650 GPM, 3 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	43,070.61	652.77
22 51 19 00-0065	EA	8" Flanged, 695 GPM, 3 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	46,177.18	783.12
22 51 19 00-0066	EA	8" Flanged, 920 GPM, 4 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	49,602.62	783.12
22 51 19 00-0067	EA	8" Flanged, 1140 GPM, 5 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	51,993.99	783.12
22 51 19 00-0068	EA	8" Flanged, 1260 GPM, 5 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	54,579.24	783.12
22 51 19 00-0069	EA	10" Flanged, 1510 GPM, 6 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	58,618.17	890.15
22 51 19 00-0070	EA	10" Flanged, 1760 GPM, 7 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	63,142.38	890.15

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 51 19 00-0071	EA	10" Flanged, 2010 GPM, 8 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	67,666.56	890.15
22 51 19 00-0072	EA	10" Flanged, 2520 GPM, 10 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	73,160.22	890.15
22 51 19 00-0073		HDPE Ultra-Violet Pool Treatment Lights *(22 51 19 00-0054)*		
		Note: Delta EL Series		
22 51 19 00-0074	EA	3" Flanged, 116 GPM, 3 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With HDPE Housing	8,024.48	343.26
22 51 19 00-0075	EA	3" Flanged, 158 GPM, 4 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With HDPE Housing	8,929.28	343.26
22 51 19 00-0076	EA	4" Flanged, 254 GPM, 5 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With HDPE Housing	9,864.62	363.49
22 51 19 00-0077		In-Line, Stainless Steel Ultra-Violet Pool Treatment Lights *(22 51 19 00-0054)*		
		Note: Delta EM Series		
22 51 19 00-0078	EA	3" Flanged, 100 GPM, 1 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing	31,291.72	343.26
22 51 19 00-0079	EA	3" Flanged, 170 GPM, 1 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing	31,614.85	343.26
22 51 19 00-0080	EA	6" Flanged, 300 GPM, 1 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing	33,712.01	652.77
22 51 19 00-0081	EA	6" Flanged, 600 GPM, 1 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing	42,721.59	652.77
22 51 19 00-0082	EA	8" Flanged, 1300 GPM, 1 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing	59,620.48	783.12
22 51 19 00-0083	EA	10" Flanged, 2000 GPM, 2 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing	67,278.78	890.15
22 51 19 00-0084	EA	12" Flanged, 3000 GPM, 3 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing	79,309.79	1,151.89
22 51 19 00-0085	EA	12" Flanged, 4000 GPM, 4 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing	89,004.46	1,151.89
22 51 23		**Swimming Pool Equipment Controls** *(22 51)*		
22 51 23 00-0001		Pool Pump Variable Frequency Drive *(22 51 23)*		
		Note: Pentair Acu Drive XS		
22 51 23 00-0002	EA	3 HP, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-2303-N01)	4,784.50	246.70
22 51 23 00-0003	EA	5 HP, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-2303-N01)	5,137.37	277.55
22 51 23 00-0004	EA	7-1/2 HP, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-2303-N01)	6,153.42	346.94
22 51 23 00-0005	EA	10 HP, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-2303-N01)	6,544.56	414.01
22 51 23 00-0006	EA	15 HP, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-2303-N01)	7,005.32	481.85
22 51 23 00-0007	EA	20 HP, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-2303-N01)	7,939.69	550.47
22 51 23 00-0008	EA	3 HP, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-4603-N01)	4,790.53	246.70
22 51 23 00-0009	EA	5 HP, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-4603-N01)	5,050.95	277.55
22 51 23 00-0010	EA	7-1/2 HP, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-4603-N01)	5,445.97	346.94
22 51 23 00-0011	EA	10 HP, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-4603-N01)	5,857.21	414.01
22 51 23 00-0012	EA	15 HP, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-4603-N01)	6,906.84	481.85
22 51 23 00-0013	EA	20 HP, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-4603-N01)	7,672.39	550.47
22 51 23 00-0014	EA	3 HP, Fused Bypass, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-2303-N01FB)	6,179.31	246.70
22 51 23 00-0015	EA	5 HP, Fused Bypass, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-2303-N01FB)	7,104.97	277.55
22 51 23 00-0016	EA	7-1/2 HP, Fused Bypass, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-2303-N01FB)	7,897.92	346.94
22 51 23 00-0017	EA	10 HP, Fused Bypass, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-2303-N01FB)	8,516.17	414.01
22 51 23 00-0018	EA	15 HP, Fused Bypass, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-2303-N01FB)	10,026.05	481.85
22 51 23 00-0019	EA	20 HP, Fused Bypass, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-2303-N01FB)	11,304.10	550.47
22 51 23 00-0020	EA	3 HP, Fused Bypass, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-4603-N01FB)	6,635.53	246.70
22 51 23 00-0021	EA	5 HP, Fused Bypass, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-4603-N01FB)	6,900.37	277.55
22 51 23 00-0022	EA	7-1/2 HP, Fused Bypass, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-4603-N01FB)	7,288.95	346.94
22 51 23 00-0023	EA	10 HP, Fused Bypass, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-4603-N01FB)	7,702.20	414.01
22 51 23 00-0024	EA	15 HP, Fused Bypass, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-4603-N01FB)	8,790.03	481.85
22 51 23 00-0025	EA	20 HP, Fused Bypass, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-4603-N01FB)	9,617.87	550.47
22 51 23 00-0026	EA	1/2 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD005-2303-N12)	4,553.06	246.70
22 51 23 00-0027	EA	3/4 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD007-2303-N12)	4,628.83	246.70
22 51 23 00-0028	EA	1 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD010-2303-N12)	4,675.63	246.70
22 51 23 00-0029	EA	1-1/2 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD015-2303-N12)	4,801.75	246.70

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 51 23 00-0030	EA	2 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD020-2303-N12)	4,992.26	246.70
22 51 23 00-0031	EA	3 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-2303-N12)	5,140.04	246.70
22 51 23 00-0032	EA	5 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-2303-N12)	5,502.96	277.55
22 51 23 00-0033	EA	7-1/2 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-2303-N12)	6,561.16	346.94
22 51 23 00-0034	EA	10 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-2303-N12)	7,018.81	414.01
22 51 23 00-0035	EA	15 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-2303-N12)	7,493.72	481.85
22 51 23 00-0036	EA	20 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-2303-N12)	8,514.31	550.47
22 51 23 00-0037	EA	25 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD250-2303-N12)	11,182.91	686.16
22 51 23 00-0038	EA	30 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD300-2303-N12)	12,344.75	755.54
22 51 23 00-0039	EA	40 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD400-2303-N12)	14,601.12	824.93
22 51 23 00-0040	EA	50 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD500-2303-N12)	16,988.70	963.71
22 51 23 00-0041	EA	60 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD600-2303-N12)	18,610.02	1,033.09
22 51 23 00-0042	EA	1/2 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD005-4603-N12)	4,647.48	246.70
22 51 23 00-0043	EA	3/4 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD007-4603-N12)	4,745.33	246.70
22 51 23 00-0044	EA	1 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD010-4603-N12)	4,868.45	246.70
22 51 23 00-0045	EA	1-1/2 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD015-4603-N12)	4,974.29	246.70
22 51 23 00-0046	EA	2 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD020-4603-N12)	5,082.14	246.70
22 51 23 00-0047	EA	3 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-4603-N12)	5,195.95	246.70
22 51 23 00-0048	EA	5 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-4603-N12)	5,465.01	277.55
22 51 23 00-0049	EA	7-1/2 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-4603-N12)	5,864.23	346.94
22 51 23 00-0050	EA	10 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-4603-N12)	6,285.53	414.01
22 51 23 00-0051	EA	15 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-4603-N12)	7,638.71	481.85
22 51 23 00-0052	EA	20 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-4603-N12)	8,422.04	550.47
22 51 23 00-0053	EA	25 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD250-4603-N12)	9,282.99	686.16
22 51 23 00-0054	EA	30 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD300-4603-N12)	10,499.78	755.54
22 51 23 00-0055	EA	40 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD400-4603-N12)	11,854.05	824.93
22 51 23 00-0056	EA	50 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD500-4603-N12)	14,526.87	963.71
22 51 23 00-0057	EA	60 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD600-4603-N12)	15,959.76	1,033.09
22 51 23 00-0058	EA	75 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD750-4603-N12)	17,896.55	1,102.48
22 51 23 00-0059	EA	100 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC10-4603-N12)	21,203.82	1,168.01
22 51 23 00-0060	EA	125 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC13-4603-N12)	24,453.26	1,233.54
22 51 23 00-0061	EA	150 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC15-4603-N12)	26,522.91	1,380.02
22 51 23 00-0062	EA	200 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC20-4603-N12)	30,963.20	1,511.09
22 51 23 00-0063	EA	1/2 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD005-2303-N12FB)	6,573.03	246.70
22 51 23 00-0064	EA	3/4 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD007-2303-N12FB)	6,648.80	246.70
22 51 23 00-0065	EA	1 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD010-2303-N12FB)	6,695.60	246.70
22 51 23 00-0066	EA	1-1/2 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD015-2303-N12FB)	6,821.72	246.70
22 51 23 00-0067	EA	2 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD020-2303-N12FB)	7,012.23	246.70
22 51 23 00-0068	EA	3 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-2303-N12FB)	7,160.01	246.70
22 51 23 00-0069	EA	5 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-2303-N12FB)	7,522.93	277.55
22 51 23 00-0070	EA	7-1/2 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-2303-N12FB)	8,352.46	346.94
22 51 23 00-0071	EA	10 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-2303-N12FB)	9,043.66	414.01

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 51 23 00-0072	EA	15 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-2303-N12FB)	10,594.02	481.85
22 51 23 00-0073	EA	20 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-2303-N12FB)	11,972.52	550.47
22 51 23 00-0074	EA	25 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD250-2303-N12FB)	14,093.38	686.16
22 51 23 00-0075	EA	30 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD300-2303-N12FB)	15,515.86	755.54
22 51 23 00-0076	EA	40 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD400-2303-N12FB)	19,822.06	824.93
22 51 23 00-0077	EA	50 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD500-2303-N12FB)	26,137.35	963.71
22 51 23 00-0078	EA	60 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD600-2303-N12FB)	28,725.72	1,033.09
22 51 23 00-0079	EA	1/2 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD005-4603-N12FB)	6,544.37	246.70
22 51 23 00-0080	EA	3/4 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD007-4603-N12FB)	6,642.20	246.70
22 51 23 00-0081	EA	1 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD010-4603-N12FB)	6,765.34	246.70
22 51 23 00-0082	EA	1-1/2 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD015-4603-N12FB)	6,871.18	246.70
22 51 23 00-0083	EA	2 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD020-4603-N12FB)	6,979.01	246.70
22 51 23 00-0084	EA	3 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-4603-N12FB)	7,092.84	246.70
22 51 23 00-0085	EA	5 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-4603-N12FB)	7,361.90	277.55
22 51 23 00-0086	EA	7-1/2 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-4603-N12FB)	7,759.06	346.94
22 51 23 00-0087	EA	10 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-4603-N12FB)	8,180.37	414.01
22 51 23 00-0088	EA	15 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-4603-N12FB)	9,574.69	481.85
22 51 23 00-0089	EA	20 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-4603-N12FB)	10,421.69	550.47
22 51 23 00-0090	EA	25 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD250-4603-N12FB)	11,418.18	686.16
22 51 23 00-0091	EA	30 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD300-4603-N12FB)	12,868.77	755.54
22 51 23 00-0092	EA	40 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD400-4603-N12FB)	15,239.56	824.93
22 51 23 00-0093	EA	50 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD500-4603-N12FB)	17,535.68	963.71
22 51 23 00-0094	EA	60 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD600-4603-N12FB)	19,523.07	1,033.09
22 51 23 00-0095	EA	75 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD750-4603-N12FB)	22,671.47	1,102.48
22 51 23 00-0096	EA	100 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC10-4603-N12FB)	29,900.69	1,168.01
22 51 23 00-0097	EA	125 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC13-4603-N12FB)	33,078.40	1,233.54
22 51 23 00-0098	EA	150 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC15-4603-N12FB)	41,559.07	1,380.02
22 51 23 00-0099	EA	200 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC20-4603-N12FB)	48,833.40	1,511.09
22 51 23 00-0100	EA	380+ Volt AC, Up To 10 HP, 260 Volt AC, Up To 3 HP, 3 Year Extended Warranty (Pentair AD-EWW136)	448.75	
22 51 23 00-0101	EA	380+ Volt AC, 15 To 40 HP, 260 Volt AC, 5 To 25 HP, 3 Year Extended Warranty (Pentair AD-EWW236)	716.09	
22 51 23 00-0102	EA	380+ Volt AC, Up To 10 HP, 260 Volt AC, Up To 3 HP, 6 Year Extended Warranty (Pentair AD-EWW172)	792.46	
22 51 23 00-0103	EA	380+ Volt AC, 15 To 40 HP, 260 Volt AC, 5 To 25 HP, 6 Year Extended Warranty (Pentair AD-EWW272)	1,346.24	
22 51 23 00-0104	EA	380+ Volt AC, 50 To 125 HP, 260 Volt AC, 30 To 60 HP, 6 Year Extended Warranty (Pentair AD-EWW372)	2,568.36	
22 51 23 00-0105	EA	3" Clamp On Saddle Flow Sensor Kit, Integral 4 To 20 mA Output Signal (Pentair 97014-4203KIT)	1,602.29	
22 51 23 00-0106	EA	4" Clamp On Saddle Flow Sensor Kit, Integral 4 To 20 mA Output Signal (Pentair 97014-4204KIT)	1,675.11	
22 51 23 00-0107	EA	6" Clamp On Saddle Flow Sensor Kit, Integral 4 To 20 mA Output Signal (Pentair 97016-4206KIT)	1,827.76	
22 51 23 00-0108	EA	8" Clamp On Saddle Flow Sensor Kit, Integral 4 To 20 mA Output Signal (Pentair 97016-4208KIT)	1,960.05	
22 51 23 00-0109	EA	3" Clamp On Saddle Flow Sensor Kit, Wall Mounted Display/Transmitter, 4 To 20 mA Output Signal (Pentair 97014BL-03KIT)	2,294.90	
22 51 23 00-0110	EA	4" Clamp On Saddle Flow Sensor Kit, Wall Mounted Display/Transmitter, 4 To 20 mA Output Signal (Pentair 97014BL-04KIT)	2,363.29	
22 51 23 00-0111	EA	6" Clamp On Saddle Flow Sensor Kit, Wall Mounted Display/Transmitter, 4 To 20 mA Output Signal (Pentair 97016BL-06KIT)	2,508.88	
22 51 23 00-0112	EA	8" Clamp On Saddle Flow Sensor Kit, Wall Mounted Display/Transmitter, 4 To 20 mA Output Signal (Pentair 97016BL-08KIT)	2,637.02	
22 51 23 00-0113	EA	10" Clamp On Saddle Flow Sensor Kit, Wall Mounted Display/Transmitter, 4 To 20 mA Output Signal (Pentair 97020BL-10KIT)	3,152.61	
22 51 23 00-0114	EA	12" Clamp On Saddle Flow Sensor Kit, Wall Mounted Display/Transmitter, 4 To 20 mA Output Signal (Pentair 97020BL-12KIT)	3,164.56	

22 51 23 00-0115 Eco-Flow-E Aquatic Variable Frequency Drive And Options *(22 51 23)*

22 51 23 00-0116 Eco-Flow-E Aquatic Variable Frequency Drive *(22 51 23 00-0115)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 51 23 00-0117	EA	2 HP, 480 Volt, 3 Phase, 4 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-04-12-4)	4,085.05	205.59
		For Bypass Panel, Add	*930.18*	
22 51 23 00-0118	EA	3 HP, 480 Volt, 3 Phase, 6 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-06-12-4)	4,088.96	205.59
		For Bypass Panel, Add	*930.18*	
22 51 23 00-0119	EA	5 HP, 480 Volt, 3 Phase, 8 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-08-12-4)	4,161.23	231.29
		For Bypass Panel, Add	*930.18*	
22 51 23 00-0120	EA	7-1/2 HP, 480 Volt, 3 Phase, 12 Amperes, Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-12-12-4)	4,319.94	289.11
		For Bypass Panel, Add	*930.18*	
22 51 23 00-0121	EA	10 HP, 480 Volt, 3 Phase, 16 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-16-12-4)	4,673.08	345.00
		For Bypass Panel, Add	*930.18*	
22 51 23 00-0122	EA	15 HP, 480 Volt, 3 Phase, 24 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-24-12-4)	5,201.02	401.55
		For Bypass Panel, Add	*1,097.99*	
22 51 23 00-0123	EA	20 HP, 480 Volt, 3 Phase, 30 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-30-12-4)	6,129.49	458.72
		For Bypass Panel, Add	*1,097.99*	
22 51 23 00-0124	EA	25 HP, 480 Volt, 3 Phase, 39 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-39-12-4)	6,382.96	574.36
		For Bypass Panel, Add	*1,097.99*	
22 51 23 00-0125	EA	30 HP, 480 Volt, 3 Phase, 45 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-45-12-4)	7,633.65	631.55
		For Bypass Panel, Add	*1,097.99*	
22 51 23 00-0126	EA	40 HP, 480 Volt, 3 Phase, 61 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-61-12-4)	7,873.28	688.09
		For Bypass Panel, Add	*1,336.24*	
22 51 23 00-0127	EA	1/2 HP, 208/230 Volt, 1 Phase (1 HP, 208/230 Volt, 3 Phase) 8 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-08-12-2)	4,062.87	205.59
		For Bypass Panel, Add	*930.18*	
22 51 23 00-0128	EA	1 HP, 208/230 Volt, 1 Phase (2 HP, 208/230 Volt, 3 Phase) 12 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-12-12-2)	4,068.09	205.59
		For Bypass Panel, Add	*930.18*	
22 51 23 00-0129	EA	1-1/2 HP, 208/230 Volt, 1 Phase (3 HP, 208/230 Volt, 3 Phase) 16 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-16-12-2)	4,092.87	205.59
		For Bypass Panel, Add	*930.18*	
22 51 23 00-0130	EA	5 HP, 208/230 Volt, 1 Phase, 24 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-24-12-2)	4,182.11	231.29
		For Bypass Panel, Add	*1,097.99*	
22 51 23 00-0131	EA	3 HP, 208/230 Volt, 1 Phase (7-1/2 HP, 208/230 Volt, 3 Phase) 32 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-32-12-2)	4,544.34	289.11
		For Bypass Panel, Add	*1,097.99*	
22 51 23 00-0132	EA	5 HP, 208/230 Volt, 1 Phase (10 HP, 208/230 Volt, 3 Phase) 46 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-46-12-2)	5,067.08	345.00
		For Bypass Panel, Add	*1,097.99*	
22 51 23 00-0133	EA	7-1/2 HP, 208/230 Volt, 1 Phase (15 HP, 208/230 Volt, 3 Phase) 60 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-60-12-2)	6,003.38	401.55
		For Bypass Panel, Add	*1,336.24*	
22 51 23 00-0134	EA	10 HP, 208/230 Volt, 1 Phase (20 HP, 208/230 Volt, 3 Phase) 74 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-74-12-2)	6,142.53	458.72
		For Bypass Panel, Add	*1,336.24*	
22 51 23 00-0135	EA	25 HP, 208/230 Volt, 1 Phase, 88 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-88-12-2)	7,501.03	574.36
		For Bypass Panel, Add	*1,814.56*	
22 51 23 00-0136	EA	15 HP, 208/230 Volt, 1 Phase (30 HP, 208/230 Volt, 3 Phase) 124 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-124-12-2)	7,743.24	631.55
		For Bypass Panel, Add	*2,499.00*	

22 51 23 00-0137 Eco-Flow-E Aquatic Variable Frequency Drive Options *(22 51 23 00-0115)*

22 51 23 00-0138	EA	0 To 30 PSI, 1/4" NPT Male Thread, 4 To 20 mA Output, 10' Cable, Pressure Sensor (H2Flow PS-30)	563.38	96.37
22 51 23 00-0139	EA	0 To 100 PSI, 1/4" NPT Male Thread, 4 To 20 mA Output, 10' Cable, Pressure Sensor (H2Flow PS-100)	563.38	96.37
22 51 23 00-0140	EA	Lightning Arrestor (H2Flow LA)	595.56	64.24
22 51 23 00-0141	EA	2 HP, 480 Volt, (3/4 HP, 208/230 Volt) Load Reactor (TCI V1K4A00)	668.39	28.91
22 51 23 00-0142	EA	3 HP, 480 Volt, (1 To 1-1/2 HP, 208/230 Volt) Load Reactor (TCI V1K6A00)	690.47	32.13
22 51 23 00-0143	EA	5 HP, 480 Volt, (2 HP, 208/230 Volt) Load Reactor (TCI V1K8A00)	707.34	35.34
22 51 23 00-0144	EA	7-1/2 HP, 480 Volt, (3 HP, 208/230 Volt) Load Reactor (TCI V1K12A00)	738.55	38.55
22 51 23 00-0145	EA	10 HP, 480 Volt, (5 HP, 208/230 Volt) Load Reactor (TCI V1K16A00)	752.80	41.76
22 51 23 00-0146	EA	15 HP, 480 Volt, (7-1/2 HP, 208/230 Volt) Load Reactor (TCI V1K25A00)	982.32	44.97
22 51 23 00-0147	EA	20 HP, 480 Volt, Load Reactor (TCI V1K27A00)	1,023.97	48.18
22 51 23 00-0148	EA	25 HP, 480 Volt, (10 HP, 208/230 Volt) Load Reactor (TCI V1K35A00)	1,069.53	51.40
22 51 23 00-0149	EA	30 HP, 480 Volt, (15 HP, 208/230 Volt) Load Reactor (TCI V1K45A00)	1,113.79	54.61
22 51 23 00-0150	EA	40 HP, 480 Volt, (20 HP, 208/230 Volt) Load Reactor (TCI V1K55A00)	1,152.84	57.82
22 51 23 00-0151	EA	25 To 30 HP, 208/230 Volt, Load Reactor (TCI V1K80A00)	1,584.57	61.03
22 51 23 00-0152	EA	1 HP, 208/230 Volt, Line Reactor (TCI KDRA25L)	203.84	32.13
22 51 23 00-0153	EA	2 HP, 208/230 Volt, Line Reactor (TCI KDRA27L)	218.10	35.34
22 51 23 00-0154	EA	3 HP, 208/230 Volt, Line Reactor (TCI KDRA28L)	244.09	38.55
22 51 23 00-0155	EA	5 HP, 208/230 Volt, Line Reactor (TCI KDRB22L)	320.96	41.76
22 51 23 00-0156	EA	7-1/2 HP, 208/230 Volt, Line Reactor (TCI KDRB23L)	360.01	44.97
22 51 23 00-0157	EA	10 HP, 208/230 Volt, Line Reactor (TCI KDRD25L)	372.95	48.18
22 51 23 00-0158	EA	15 HP, 208/230 Volt, Line Reactor (TCI KDRD24L)	385.90	51.40

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 51 23 00-0159	EA	20 HP, 208/230 Volt, Line Reactor (TCI KDRD26L)	409.29	54.61
22 51 23 00-0160	EA	25 HP, 208/230 Volt, Line Reactor (TCI KDRC22L)	517.48	57.82
22 51 23 00-0161	EA	30 HP, 208/230 Volt, Line Reactor (TCI KDRF24L)	531.73	61.03
22 51 23 00-0162	EA	1 HP, 480 Volt, Line Reactor (TCI KDRA8L)	205.14	32.13
22 51 23 00-0163	EA	2 HP, 480 Volt, Line Reactor (TCI KDRA1L)	225.93	35.34
22 51 23 00-0164	EA	3 HP, 480 Volt, Line Reactor (TCI KDRA2L)	248.01	38.55
22 51 23 00-0165	EA	5 HP, 480 Volt, Line Reactor (TCI KDRA3L)	260.95	41.76
22 51 23 00-0166	EA	7-1/2 HP, 480 Volt, Line Reactor (TCI KDRA4L)	272.60	44.97
22 51 23 00-0167	EA	10 HP, 480 Volt, Line Reactor (TCI KDRA5L)	341.64	48.18
22 51 23 00-0168	EA	15 HP, 480 Volt, Line Reactor (TCI KDRB2L)	355.89	51.40
22 51 23 00-0169	EA	20 HP, 480 Volt, Line Reactor (TCI KDRB1L)	374.06	54.61
22 51 23 00-0170	EA	25 HP, 480 Volt, Line Reactor (TCI KDRD1L)	387.02	57.82
22 51 23 00-0171	EA	30 HP, 480 Volt, Line Reactor (TCI KDRD2L)	466.49	61.03
22 51 23 00-0172	EA	40 HP, 480 Volt, Line Reactor (TCI KDRC1L)	508.15	64.24
22 51 23 00-0173	EA	Models 04 To 30, 304 SS Metric To English Conduit Adaptor Kit	83.17	
22 51 23 00-0174	EA	Models 32 To 46, 304 SS Metric To English Conduit Adaptor Kit	113.16	
22 51 23 00-0175	EA	Models 60 To 74, 304 SS Metric To English Conduit Adaptor Kit	140.54	
22 51 23 00-0176		Pool Flow Meters *(22 51 23)*		
22 51 23 00-0177	EA	20 To 110 GPM, 1-1/2" Retrofit Kit FlowVis For Existing Jandy Or Praher Valve Flow Meter (H2Flow FVJ-R-15)	146.31	22.02
22 51 23 00-0178	EA	20 To 110 GPM, 2" x 2-1/2" Retrofit Kit FlowVis For Existing Jandy® Or Praher Valve Flow Meter (H2Flow FVJ-R)	146.31	22.02
22 51 23 00-0179	EA	20 To 110 GPM, 1-1/2" Complete FlowVis Including Valve Body Flow Meter (H2Flow FV-C-15)	227.65	41.28
22 51 23 00-0180	EA	20 To 110 GPM, 2" x 2-1/2" Complete FlowVis Including Valve Body Flow Meter (H2Flow FV-C)	190.35	44.03
22 51 23 00-0181		Paddlewheel Flow Sensors *(22 51 23)*		
22 51 23 00-0182	EA	1/2" To 4" Pipe, Polypropylene Body, Black Polyvinylidene Fluoride (PVDF) Rotor, Paddlewheel Flow Sensor (Signet 3-2536-P0) Note: Includes 25' of cable (extendable to 200').	997.87	74.21
22 51 23 00-0183	EA	1/2" To 4" Pipe, Polypropylene Body, Pulse/Flow Switch DCR Output Paddlewheel Flow Sensor (Signet 3-2537-1C-PO)	1,322.72	74.21
22 51 23 00-0184	EA	1/2" To 4" Pipe, Polypropylene Body, Pulse/Flow Switch SSR Output Paddlewheel Flow Sensor (Signet 3-2537-2C-PO)	1,322.72	74.21
22 51 23 00-0185	EA	1/2" To 4" Pipe, Polypropylene Body, Digital Output Paddlewheel Flow Sensor (Signet 3-2537-5C-PO)	1,373.61	74.21
22 51 23 00-0186	EA	1/2" To 4" Pipe, Polypropylene Body, 4 To 20 mA Output Paddlewheel Flow Sensor (Signet 3-2537-6C-PO)	1,428.40	74.21
22 51 23 00-0187	EA	1/2" To 4" Pipe, Polyvinylidene Fluoride (PVDF) Body, Pulse/Flow Switch DCR Output Paddlewheel Flow Sensor (Signet 3-2537-1C-TO)	1,532.12	74.21
22 51 23 00-0188	EA	1/2" To 4" Pipe, Polyvinylidene Fluoride (PVDF) Body, Pulse/Flow Switch SSR Output Paddlewheel Flow Sensor (Signet 3-2537-2C-TO)	1,532.12	74.21
22 51 23 00-0189	EA	1/2" To 4" Pipe, Polyvinylidene Fluoride (PVDF) Body, Digital Output Paddlewheel Flow Sensor (Signet 3-2537-5C-TO)	1,596.70	74.21
22 51 23 00-0190	EA	1/2" To 4" Pipe, Polyvinylidene Fluoride (PVDF) Body, 4 To 20 mA Output Paddlewheel Flow Sensor (Signet 3-2537-6C-TO)	1,659.32	74.21
22 51 23 00-0191	EA	>4" To 8" Pipe, Polypropylene Body, Black Polyvinylidene Fluoride (PVDF) Rotor, Paddlewheel Flow Sensor (Signet 3-2536-P1) Note: Includes 25' of cable (extendable to 200').	1,042.88	74.21
22 51 23 00-0192	EA	>4" To 8" Pipe, Polypropylene Body, Pulse/Flow Switch DCR Output Paddlewheel Flow Sensor (Signet 3-2537-1C-P1)	1,373.61	74.21
22 51 23 00-0193	EA	>4" To 8" Pipe, Polypropylene Body, Pulse/Flow Switch SSR Output Paddlewheel Flow Sensor (Signet 3-2537-2C-P1)	1,373.61	74.21
22 51 23 00-0194	EA	>4" To 8" Pipe, Polypropylene Body, Digital Output Paddlewheel Flow Sensor (Signet 3-2537-5C-P1)	1,428.40	74.21
22 51 23 00-0195	EA	>4" To 8" Pipe, Polypropylene Body, 4 To 20 mA Output Paddlewheel Flow Sensor (Signet 3-2537-6C-P1)	1,479.28	74.21
22 51 23 00-0196	EA	>8" Pipe, Polypropylene Body, Black Polyvinylidene Fluoride (PVDF) Rotor, Paddlewheel Flow Sensor (Signet 3-2536-P2) Note: Includes 25' of cable (extendable to 200').	1,083.98	74.21
22 51 23 00-0197	EA	2" Pipe, Polyvinyl Chloride (PVC) Saddle Clamp For Flow Transducers (Signet PV8S020)	333.22	
22 51 23 00-0198	EA	4" Pipe, Polyvinyl Chloride (PVC) Saddle Clamp For Flow Transducers (Signet PV8S040)	460.64	
22 51 23 00-0199	EA	6" Pipe, Polyvinyl Chloride (PVC) Saddle Clamp For Flow Transducers (Signet PV8S060)	566.52	
22 51 23 00-0200	EA	8" Pipe, Polyvinyl Chloride (PVC) Saddle Clamp For Flow Transducers (Signet PV8S080)	695.90	
22 51 23 00-0201	EA	10" Pipe, Polyvinyl Chloride (PVC) Saddle Clamp For Flow Transducers (Signet PV8S100)	921.16	
22 51 23 00-0202	EA	12" Pipe, Polyvinyl Chloride (PVC) Saddle Clamp For Flow Transducers (Signet PV8S120)	933.11	
22 51 23 00-0203	EA	24 Volt DC, Power Supply 7.5 Watt, 300 mA (Signet 7300-7524)	329.80	20.55
22 51 23 00-0204	EA	24 Volt DC, Power Supply 15 Watt, 600 mA (Signet 7300-1524)	453.09	20.55
22 51 23 00-0205	EA	24 Volt DC, 30 Watt, 1.3 Amperes, Power Supply (Signet 7300-3024)	558.76	20.55
22 51 23 00-0206	EA	24 Volt DC, 50 Watt, 2.1 Amperes, Power Supply (Signet 7300-5024)	707.49	20.55
22 51 23 00-0207	EA	24 Volt DC, 100 Watt, 4.2 Amperes, Power Supply (Signet 7300-1024)	981.47	20.55

22 60 Gas and Vacuum Systems for Laboratory and Healthcare Facilities *(22)*

22 66 Chemical-Waste Systems for Laboratory and Healthcare Facilities *(22 60)*

22 66 53 Laboratory Chemical-Waste and Vent Piping *(22 66)*

22 66 53 00-0001 Polypropylene Acid Resistant Drain-Waste-Vent (DWV) Pipe And Fittings *(22 66 53)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0002		**Schedule 40 Polypropylene Acid Resistant DWV Pipe And Fuseal Fittings** *(22 66 53 00-0001)*		
22 66 53 00-0003		**Schedule 40 Polypropylene Acid Resistant DWV Pipe** *(22 66 53 00-0002)*		
22 66 53 00-0004	LF	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Pipe	14.37	6.27
		For Work In Restricted Working Space, Add	*2.84*	
		For Fire Retardant Thermoplastic Pipe (Proxylene), Add	*2.19*	
		For Schedule 80, Add	*2.56*	
22 66 53 00-0005	LF	2" Schedule 40 Polypropylene Acid Resistant DWV Pipe	17.29	7.05
		For Work In Restricted Working Space, Add	*3.19*	
		For Fire Retardant Thermoplastic Pipe (Proxylene), Add	*2.96*	
		For Schedule 80, Add	*3.46*	
22 66 53 00-0006	LF	3" Schedule 40 Polypropylene Acid Resistant DWV Pipe	27.41	10.24
		For Work In Restricted Working Space, Add	*4.62*	
		For Fire Retardant Thermoplastic Pipe (Proxylene), Add	*5.34*	
		For Schedule 80, Add	*6.25*	
22 66 53 00-0007	LF	4" Schedule 40 Polypropylene Acid Resistant DWV Pipe	37.06	13.32
		For Work In Restricted Working Space, Add	*6.00*	
		For Fire Retardant Thermoplastic Pipe (Proxylene), Add	*7.59*	
		For Schedule 80, Add	*8.87*	
22 66 53 00-0008	LF	6" Schedule 40 Polypropylene Acid Resistant DWV Pipe	60.09	19.60
		For Work In Restricted Working Space, Add	*8.81*	
		For Fire Retardant Thermoplastic Pipe (Proxylene), Add	*13.67*	
		For Schedule 80, Add	*15.98*	
22 66 53 00-0009		**Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bends** *(22 66 53 00-0002)*		
22 66 53 00-0010	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bend	55.35	23.67
		For Work In Restricted Working Space, Add	*10.65*	
22 66 53 00-0011	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bend	71.49	31.26
		For Work In Restricted Working Space, Add	*14.06*	
22 66 53 00-0012	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bend	95.53	35.78
		For Work In Restricted Working Space, Add	*16.11*	
22 66 53 00-0013	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bend	137.60	47.34
		For Work In Restricted Working Space, Add	*21.31*	
22 66 53 00-0014	EA	6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bend	268.49	69.91
		For Work In Restricted Working Space, Add	*31.46*	
22 66 53 00-0015		**Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bends** *(22 66 53 00-0002)*		
22 66 53 00-0016	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bend	55.01	23.67
		For Work In Restricted Working Space, Add	*10.65*	
22 66 53 00-0017	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bend	70.59	31.26
		For Work In Restricted Working Space, Add	*14.06*	
22 66 53 00-0018	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bend	97.24	35.78
		For Work In Restricted Working Space, Add	*16.11*	
22 66 53 00-0019	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bend	120.40	47.34
		For Work In Restricted Working Space, Add	*21.31*	
22 66 53 00-0020	EA	6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bend	241.82	69.91
		For Work In Restricted Working Space, Add	*31.46*	
22 66 53 00-0021		**Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tees** *(22 66 53 00-0002)*		
22 66 53 00-0022	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee	100.57	50.64
		For Work In Restricted Working Space, Add	*22.78*	
22 66 53 00-0023	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee	125.25	63.85
		For Work In Restricted Working Space, Add	*28.72*	
22 66 53 00-0024	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee	163.91	69.91
		For Work In Restricted Working Space, Add	*31.46*	
22 66 53 00-0025	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee	226.05	91.81
		For Work In Restricted Working Space, Add	*41.29*	
22 66 53 00-0026	EA	6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee	396.05	146.86
		For Work In Restricted Working Space, Add	*66.05*	
22 66 53 00-0027		**Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tees** *(22 66 53 00-0002)*		
22 66 53 00-0028	EA	2" x 2" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee	125.21	63.85
		For Work In Restricted Working Space, Add	*28.72*	
22 66 53 00-0029	EA	3" x 3" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee	159.78	69.91
		For Work In Restricted Working Space, Add	*31.46*	
22 66 53 00-0030	EA	3" x 3" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee	156.12	69.91
		For Work In Restricted Working Space, Add	*31.46*	
22 66 53 00-0031	EA	4" x 4" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee	216.65	91.81
		For Work In Restricted Working Space, Add	*41.29*	
22 66 53 00-0032	EA	4" x 4" x 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee	220.20	91.81
		For Work In Restricted Working Space, Add	*41.29*	
22 66 53 00-0033	EA	6" x 6" x 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee	369.88	146.86
		For Work In Restricted Working Space, Add	*66.05*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0034		**Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tees With Plug** *(22 66 53 00-0002)*		
22 66 53 00-0035	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug	112.60	50.64
		For Work In Restricted Working Space, Add	*22.78*	
22 66 53 00-0036	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug	128.16	63.85
		For Work In Restricted Working Space, Add	*28.72*	
22 66 53 00-0037	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug	172.81	69.91
		For Work In Restricted Working Space, Add	*31.46*	
22 66 53 00-0038	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug	230.16	91.81
		For Work In Restricted Working Space, Add	*41.29*	
22 66 53 00-0039	EA	6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug	345.30	146.86
		For Work In Restricted Working Space, Add	*66.05*	
22 66 53 00-0040		**Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wyes** *(22 66 53 00-0002)*		
22 66 53 00-0041	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye	107.32	50.64
		For Work In Restricted Working Space, Add	*22.78*	
22 66 53 00-0042	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye	131.50	63.85
		For Work In Restricted Working Space, Add	*28.72*	
22 66 53 00-0043	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye	167.63	69.91
		For Work In Restricted Working Space, Add	*31.46*	
22 66 53 00-0044	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye	229.14	91.81
		For Work In Restricted Working Space, Add	*41.29*	
22 66 53 00-0045	EA	6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye	452.52	146.86
		For Work In Restricted Working Space, Add	*66.05*	
22 66 53 00-0046		**Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wyes** *(22 66 53 00-0002)*		
22 66 53 00-0047	EA	2" x 2" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye	139.77	63.85
		For Work In Restricted Working Space, Add	*28.72*	
22 66 53 00-0048	EA	3" x 3" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye	163.39	69.91
		For Work In Restricted Working Space, Add	*31.46*	
22 66 53 00-0049	EA	3" x 3" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye	163.39	69.91
		For Work In Restricted Working Space, Add	*31.46*	
22 66 53 00-0050	EA	4" x 4" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye	225.48	91.81
		For Work In Restricted Working Space, Add	*41.29*	
22 66 53 00-0051	EA	4" x 4" x 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye	225.48	91.81
		For Work In Restricted Working Space, Add	*41.29*	
22 66 53 00-0052	EA	6" x 6" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye	403.88	146.86
		For Work In Restricted Working Space, Add	*66.05*	
22 66 53 00-0053	EA	6" x 6" x 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye	406.73	146.86
		For Work In Restricted Working Space, Add	*66.05*	
22 66 53 00-0054	EA	6" x 6" x 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye	371.08	146.86
		For Work In Restricted Working Space, Add	*66.05*	
22 66 53 00-0055		**Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Crosses** *(22 66 53 00-0002)*		
22 66 53 00-0056	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross	133.52	63.30
		For Work In Restricted Working Space, Add	*28.47*	
22 66 53 00-0057	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross	165.94	79.82
		For Work In Restricted Working Space, Add	*35.90*	
22 66 53 00-0058	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross	223.64	87.41
		For Work In Restricted Working Space, Add	*39.32*	
22 66 53 00-0059	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross	310.65	114.71
		For Work In Restricted Working Space, Add	*51.61*	
22 66 53 00-0060	EA	6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross	550.93	183.52
		For Work In Restricted Working Space, Add	*82.57*	
22 66 53 00-0061		**Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bends** *(22 66 53 00-0002)*		
22 66 53 00-0062	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	98.36	50.64
		For Work In Restricted Working Space, Add	*22.78*	
22 66 53 00-0063	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	128.51	63.85
		For Work In Restricted Working Space, Add	*28.72*	
22 66 53 00-0064	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	146.80	69.91
		For Work In Restricted Working Space, Add	*31.46*	
22 66 53 00-0065	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	202.85	91.81
		For Work In Restricted Working Space, Add	*41.29*	
22 66 53 00-0066	EA	2" x 2" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	118.75	63.85
		For Work In Restricted Working Space, Add	*28.72*	
22 66 53 00-0067	EA	3" x 3" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	142.87	69.91
		For Work In Restricted Working Space, Add	*31.46*	
22 66 53 00-0068	EA	3" x 3" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	144.45	69.91
		For Work In Restricted Working Space, Add	*31.46*	
22 66 53 00-0069	EA	4" x 4" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	197.01	91.81
		For Work In Restricted Working Space, Add	*41.29*	
22 66 53 00-0070	EA	4" x 4" x 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	198.01	91.81
		For Work In Restricted Working Space, Add	*41.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0071		**Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Traps** *(22 66 53 00-0002)*		
22 66 53 00-0072	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Trap	116.21	58.79
		For Work In Restricted Working Space, Add	*26.42*	
22 66 53 00-0073	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Trap	154.60	77.29
		For Work In Restricted Working Space, Add	*34.76*	
22 66 53 00-0074	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Trap	233.44	104.91
		For Work In Restricted Working Space, Add	*47.18*	
22 66 53 00-0075	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Trap	328.16	133.54
		For Work In Restricted Working Space, Add	*60.05*	
22 66 53 00-0076		**Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapters** *(22 66 53 00-0002)*		
22 66 53 00-0077	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter	54.41	23.67
		For Work In Restricted Working Space, Add	*10.65*	
22 66 53 00-0078	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter	66.55	31.26
		For Work In Restricted Working Space, Add	*14.06*	
22 66 53 00-0079	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter	78.08	35.78
		For Work In Restricted Working Space, Add	*16.11*	
22 66 53 00-0080	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter	106.15	47.34
		For Work In Restricted Working Space, Add	*21.31*	
22 66 53 00-0081	EA	6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter	157.47	69.91
		For Work In Restricted Working Space, Add	*31.46*	
22 66 53 00-0082		**Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapters** *(22 66 53 00-0002)*		
22 66 53 00-0083	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapter	52.04	23.67
		For Work In Restricted Working Space, Add	*10.65*	
22 66 53 00-0084	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapter	68.34	31.26
		For Work In Restricted Working Space, Add	*14.06*	
22 66 53 00-0085	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapter	81.37	35.78
		For Work In Restricted Working Space, Add	*16.11*	
22 66 53 00-0086	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapter	109.38	47.34
		For Work In Restricted Working Space, Add	*21.31*	
22 66 53 00-0087		**Schedule 40 Polypropylene Acid Resistant DWV Fuseal Couplings** *(22 66 53 00-0002)*		
22 66 53 00-0088	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling	49.09	23.67
		For Work In Restricted Working Space, Add	*10.65*	
22 66 53 00-0089	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling	63.04	31.26
		For Work In Restricted Working Space, Add	*14.06*	
22 66 53 00-0090	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling	73.36	35.78
		For Work In Restricted Working Space, Add	*16.11*	
22 66 53 00-0091	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling	97.01	47.34
		For Work In Restricted Working Space, Add	*21.31*	
22 66 53 00-0092	EA	6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling	142.63	69.91
		For Work In Restricted Working Space, Add	*31.46*	
22 66 53 00-0093		**Bell And Spigot High Silicon Iron Alloy Acid Resistant Drain-Waste-Vent (DWV) Pipe And Fittings** *(22 66 53)*		
		Note: Acid resistant. ASTM A518.		
22 66 53 00-0094		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe** *(22 66 53 00-0093)*		
22 66 53 00-0095	LF	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	112.95	9.80
22 66 53 00-0096	LF	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	159.08	12.22
22 66 53 00-0097	LF	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	216.62	14.09
22 66 53 00-0098	LF	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	356.93	20.55
22 66 53 00-0099	LF	8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	629.62	27.37
22 66 53 00-0100	LF	10" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	1,113.70	34.52
22 66 53 00-0101	LF	12" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	1,986.14	46.49
22 66 53 00-0102		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Fittings** *(22 66 53 00-0093)*		
22 66 53 00-0103		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweeps** *(22 66 53 00-0102)*		
22 66 53 00-0104	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep	448.59	83.45
22 66 53 00-0105	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep	587.52	91.81
22 66 53 00-0106	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep	956.78	109.87
22 66 53 00-0107	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep	1,434.27	135.75
22 66 53 00-0108	EA	8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep	3,294.27	219.93
22 66 53 00-0109		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bends** *(22 66 53 00-0102)*		
22 66 53 00-0110	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	258.96	83.45
22 66 53 00-0111	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	338.40	91.81
22 66 53 00-0112	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	425.08	109.87
22 66 53 00-0113	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	1,140.53	135.75
22 66 53 00-0114	EA	8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	2,586.70	219.93

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0115	EA	10" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	3,929.60	274.01
22 66 53 00-0116	EA	12" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	5,772.09	329.52
22 66 53 00-0117		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bends** *(22 66 53 00-0102)*		
22 66 53 00-0118	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	258.96	83.45
22 66 53 00-0119	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	338.40	91.81
22 66 53 00-0120	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	425.08	109.87
22 66 53 00-0121	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	835.64	135.75
22 66 53 00-0122	EA	8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	2,192.57	219.93
22 66 53 00-0123	EA	10" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	3,205.11	274.01
22 66 53 00-0124	EA	12" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	4,545.65	329.52
22 66 53 00-0125		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/16 Bends** *(22 66 53 00-0102)*		
22 66 53 00-0126	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend	258.96	83.45
22 66 53 00-0127	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend	338.40	91.81
22 66 53 00-0128	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend	424.81	109.76
22 66 53 00-0129		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Short Sweeps** *(22 66 53 00-0102)*		
22 66 53 00-0130	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Short Sweep	355.64	83.45
22 66 53 00-0131	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Short Sweep	632.14	91.81
22 66 53 00-0132	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Short Sweep	707.66	109.87
22 66 53 00-0133		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tees** *(22 66 53 00-0102)*		
22 66 53 00-0134	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee	365.70	124.85
22 66 53 00-0135	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee	460.32	138.38
22 66 53 00-0136	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee	641.91	165.24
22 66 53 00-0137	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee	1,086.70	204.01
22 66 53 00-0138	EA	8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee	3,324.60	330.18
22 66 53 00-0139	EA	10" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee	4,721.02	412.29
22 66 53 00-0140		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tees** *(22 66 53 00-0102)*		
22 66 53 00-0141	EA	2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	343.05	119.67
22 66 53 00-0142	EA	3" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	400.88	128.48
22 66 53 00-0143	EA	3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	448.50	132.99
22 66 53 00-0144	EA	4" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	513.92	146.86
22 66 53 00-0145	EA	4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	550.68	151.48
22 66 53 00-0146	EA	4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	605.62	156.00
22 66 53 00-0147	EA	6" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	767.27	176.54
22 66 53 00-0148	EA	6" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	851.56	181.09
22 66 53 00-0149	EA	6" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	953.26	189.41
22 66 53 00-0150		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Tees** *(22 66 53 00-0102)*		
22 66 53 00-0151	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Tee	417.70	124.85
22 66 53 00-0152	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Tee	504.39	138.06
22 66 53 00-0153	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Tee	690.19	165.24
22 66 53 00-0154		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tees** *(22 66 53 00-0102)*		
22 66 53 00-0155	EA	2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tee	395.07	119.67
22 66 53 00-0156	EA	3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tee	494.05	133.65
22 66 53 00-0157	EA	4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tee	595.94	151.93
22 66 53 00-0158	EA	4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tee	639.77	156.44
22 66 53 00-0159		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wyes** *(22 66 53 00-0102)*		
22 66 53 00-0160	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wye	362.21	125.07
22 66 53 00-0161	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wye	501.22	138.38
22 66 53 00-0162	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wye	641.71	165.14
22 66 53 00-0163	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wye	1,092.95	203.26
22 66 53 00-0164	EA	8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wye	4,164.40	329.86
22 66 53 00-0165		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wyes** *(22 66 53 00-0102)*		
22 66 53 00-0166	EA	2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	372.77	119.67
22 66 53 00-0167	EA	3" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	400.83	128.48
22 66 53 00-0168	EA	3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	423.63	133.76
22 66 53 00-0169	EA	4" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	473.02	146.86
22 66 53 00-0170	EA	4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	491.45	151.71

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0171	EA	4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	591.44	156.44
22 66 53 00-0172	EA	6" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	807.87	176.75
22 66 53 00-0173	EA	6" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	959.38	181.09
22 66 53 00-0174	EA	6" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	1,001.60	189.41
22 66 53 00-0175	EA	8" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	2,447.72	266.10
22 66 53 00-0176	EA	8" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	2,643.07	274.90
22 66 53 00-0177	EA	8" x 6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	3,232.96	288.96
22 66 53 00-0178		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bends** *(22 66 53 00-0102)*		
22 66 53 00-0179	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	432.51	124.85
22 66 53 00-0180	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	515.55	138.06
22 66 53 00-0181	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	764.56	165.24
22 66 53 00-0182	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	1,190.01	203.47
22 66 53 00-0183		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bends** *(22 66 53 00-0102)*		
22 66 53 00-0184	EA	2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	357.89	119.67
22 66 53 00-0185	EA	3" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	415.70	128.48
22 66 53 00-0186	EA	3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	460.58	133.65
22 66 53 00-0187	EA	4" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	499.04	146.86
22 66 53 00-0188	EA	4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	577.35	151.93
22 66 53 00-0189	EA	4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	654.58	156.33
22 66 53 00-0190	EA	6" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	856.14	176.75
22 66 53 00-0191	EA	6" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	1,067.29	181.19
22 66 53 00-0192	EA	6" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	1,169.38	189.73
22 66 53 00-0193		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducers** *(22 66 53 00-0102)*		
22 66 53 00-0194	EA	2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	221.93	78.61
22 66 53 00-0195	EA	3" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	243.38	83.01
22 66 53 00-0196	EA	3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	272.31	87.41
22 66 53 00-0197	EA	4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	439.05	96.88
22 66 53 00-0198	EA	4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	460.55	101.39
22 66 53 00-0199	EA	6" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	504.50	113.26
22 66 53 00-0200	EA	6" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	655.02	121.92
22 66 53 00-0201	EA	8" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	950.02	164.98
22 66 53 00-0202	EA	8" x 6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	1,011.89	178.94
22 66 53 00-0203		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Increasers** *(22 66 53 00-0102)*		
22 66 53 00-0204	EA	2" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Increaser	594.99	183.52
22 66 53 00-0205	EA	2" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Increaser	788.34	183.52
22 66 53 00-0206	EA	3" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Increaser	805.69	183.52
22 66 53 00-0207	EA	4" x 6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Increaser	917.75	252.58
22 66 53 00-0208		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV P-Traps** *(22 66 53 00-0102)*		
22 66 53 00-0209	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV P-Trap	667.96	83.45
22 66 53 00-0210	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV P-Trap	806.89	91.81
22 66 53 00-0211	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV P-Trap	982.81	109.87
22 66 53 00-0212	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV P-Trap	2,914.11	135.75
22 66 53 00-0213		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hubs** *(22 66 53 00-0102)*		
22 66 53 00-0214	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hub	329.61	83.45
22 66 53 00-0215	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hub	416.48	91.81
22 66 53 00-0216	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hub	573.81	109.87
22 66 53 00-0217	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hub	745.78	135.75
22 66 53 00-0218	EA	8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hub	1,451.54	189.41
22 66 53 00-0219		**Joint Material For Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe And Fittings** *(22 66 53 00-0093)*		
		Note: Labor costs for installation of lead and oakum are included in the installation costs for fittings.		
22 66 53 00-0220	LB	Lead (1 Lb./Diameter Inch) Joint Material For Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe And Fittings	6.73	
22 66 53 00-0221	LB	Seal-Tite Packing (1/8 Lb./Diameter Inch) Joint Material For Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe And Fittings	68.17	
22 66 53 00-0222		**Mechanical Joint High Silicon Iron Alloy Acid Resistant Drain-Waste-Vent (DWV) Pipe And Fittings** *(22 66 53)*		
		Note: ASTM A518.		

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0223		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe *(22 66 53 00-0222)*		
22 66 53 00-0224	LF	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe	89.65	7.37
22 66 53 00-0225	LF	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe	102.03	8.15
22 66 53 00-0226	LF	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe	140.78	10.24
22 66 53 00-0227	LF	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe	177.64	11.89
22 66 53 00-0228		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Fittings *(22 66 53 00-0222)*		
22 66 53 00-0229		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweeps *(22 66 53 00-0228)*		
22 66 53 00-0230	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweep	329.36	58.45
22 66 53 00-0231	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweep	355.64	66.06
22 66 53 00-0232	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweep	488.47	72.88
22 66 53 00-0233	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweep	589.45	88.07
22 66 53 00-0234		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bends *(22 66 53 00-0228)*		
22 66 53 00-0235	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	184.35	58.45
22 66 53 00-0236	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	220.76	65.39
22 66 53 00-0237	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	284.35	73.10
22 66 53 00-0238	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	372.80	87.41
22 66 53 00-0239	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	215.31	61.76
22 66 53 00-0240		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bends *(22 66 53 00-0228)*		
22 66 53 00-0241	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	184.35	58.45
22 66 53 00-0242	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	220.76	65.39
22 66 53 00-0243	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	284.35	73.10
22 66 53 00-0244	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	372.80	87.41
22 66 53 00-0245		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bends *(22 66 53 00-0228)*		
22 66 53 00-0246	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bend	217.82	58.45
22 66 53 00-0247	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bend	272.81	65.39
22 66 53 00-0248	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bend	421.93	73.10
22 66 53 00-0249	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bend	473.19	87.41
22 66 53 00-0250		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bends *(22 66 53 00-0228)*		
22 66 53 00-0251	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend	210.38	58.45
22 66 53 00-0252	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend	250.51	65.39
22 66 53 00-0253	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend	388.46	73.10
22 66 53 00-0254	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend	439.73	87.41
22 66 53 00-0255		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Branch 1/4 Bends *(22 66 53 00-0228)*		
22 66 53 00-0256	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Branch 1/4 Bend	317.80	87.96
22 66 53 00-0257		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tees *(22 66 53 00-0228)*		
22 66 53 00-0258	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tee	258.31	87.96
22 66 53 00-0259	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tee	319.58	99.08
22 66 53 00-0260	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tee	422.11	110.42
22 66 53 00-0261	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tee	640.62	132.22
22 66 53 00-0262		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tees *(22 66 53 00-0228)*		
22 66 53 00-0263	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee	299.12	95.34
22 66 53 00-0264	EA	3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee	366.04	102.83
22 66 53 00-0265	EA	3" x 2" Mechanical Joint High Silicon Iron Alloy Sanitary Reducing Tee	390.08	106.45
22 66 53 00-0266	EA	4" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee	417.74	117.46
22 66 53 00-0267	EA	4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee	459.96	120.77
22 66 53 00-0268	EA	4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee	498.92	124.40
22 66 53 00-0269		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wyes *(22 66 53 00-0228)*		
22 66 53 00-0270	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wye	258.74	88.30
22 66 53 00-0271	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wye	304.70	99.08
22 66 53 00-0272	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wye	407.23	110.42
22 66 53 00-0273	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wye	640.62	132.22

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0274		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wyes** *(22 66 53 00-0228)*		
22 66 53 00-0275	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	288.70	95.89
22 66 53 00-0276	EA	3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	354.85	102.72
22 66 53 00-0277	EA	3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	371.97	106.79
22 66 53 00-0278	EA	4" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	418.26	117.80
22 66 53 00-0279	EA	4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	460.96	121.43
22 66 53 00-0280	EA	4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	488.22	124.73
22 66 53 00-0281		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wyes** *(22 66 53 00-0228)*		
22 66 53 00-0282	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	388.22	117.57
22 66 53 00-0283	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	495.78	132.33
22 66 53 00-0284	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	635.92	146.42
22 66 53 00-0285	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	829.09	176.04
22 66 53 00-0286	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	428.41	124.51
22 66 53 00-0287	EA	3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	480.30	131.89
22 66 53 00-0288	EA	3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	573.09	139.16
22 66 53 00-0289	EA	4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	632.57	154.12
22 66 53 00-0290	EA	4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	763.28	161.95
22 66 53 00-0291		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Crosses** *(22 66 53 00-0228)*		
22 66 53 00-0292	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	432.77	117.57
22 66 53 00-0293	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	510.39	132.11
22 66 53 00-0294	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	733.83	147.19
22 66 53 00-0295	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	1,026.44	176.26
22 66 53 00-0296	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	465.53	124.51
22 66 53 00-0297	EA	3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	610.40	131.89
22 66 53 00-0298	EA	3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	643.66	139.16
22 66 53 00-0299	EA	4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	688.30	154.02
22 66 53 00-0300	EA	4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	877.68	161.28
22 66 53 00-0301		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bends** *(22 66 53 00-0228)*		
22 66 53 00-0302	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	287.61	87.63
22 66 53 00-0303	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	334.45	99.08
22 66 53 00-0304	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	407.23	110.42
22 66 53 00-0305	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	681.52	132.22
22 66 53 00-0306		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bends** *(22 66 53 00-0228)*		
22 66 53 00-0307	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	317.80	95.45
22 66 53 00-0308	EA	3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	355.29	103.04
22 66 53 00-0309	EA	3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	386.84	106.79
22 66 53 00-0310	EA	4" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	526.09	117.80
22 66 53 00-0311	EA	4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	539.05	121.43
22 66 53 00-0312	EA	4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	603.49	124.73
22 66 53 00-0313		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bends** *(22 66 53 00-0228)*		
22 66 53 00-0314	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bend	458.55	117.35
22 66 53 00-0315	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bend	577.22	132.00
22 66 53 00-0316	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bend	833.44	146.75
22 66 53 00-0317	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bend	1,000.97	176.58
22 66 53 00-0318		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bends** *(22 66 53 00-0228)*		
22 66 53 00-0319	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	499.00	124.51
22 66 53 00-0320	EA	3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	599.21	131.77
22 66 53 00-0321	EA	3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	625.07	139.16
22 66 53 00-0322	EA	4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	695.73	154.02
22 66 53 00-0323	EA	4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	877.68	161.28

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0324		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducers-Increasers *(22 66 53 00-0228)*		
22 66 53 00-0325	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	216.23	62.42
22 66 53 00-0326	EA	3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	244.04	66.06
22 66 53 00-0327	EA	3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	286.58	77.07
22 66 53 00-0328	EA	4" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	340.29	73.21
22 66 53 00-0329	EA	4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	360.65	76.84
22 66 53 00-0330	EA	4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	381.01	80.48
22 66 53 00-0331		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tees *(22 66 53 00-0228)*		
22 66 53 00-0332	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tee	199.76	51.41
22 66 53 00-0333	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tee	232.17	58.13
22 66 53 00-0334	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tee	273.39	65.84
22 66 53 00-0335	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tee	499.45	80.15
22 66 53 00-0336		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plugs *(22 66 53 00-0228)*		
22 66 53 00-0337	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plug	88.46	29.29
22 66 53 00-0338	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plug	104.80	32.70
22 66 53 00-0339	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plug	114.29	36.55
22 66 53 00-0340	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plug	147.36	43.71
22 66 53 00-0341		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Traps *(22 66 53 00-0228)*		
22 66 53 00-0342	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Trap	366.02	58.13
22 66 53 00-0343	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Trap	376.92	65.39
22 66 53 00-0344	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Trap	466.55	73.10
22 66 53 00-0345	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Trap	595.89	87.41
22 66 53 00-0346	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Running Acid Resistant DWV P-Trap	510.11	62.53
22 66 53 00-0347	EA	2" Mechanical Joint High Silicon Iron Alloy Running Acid Resistant DWV P-Trap	703.32	69.79
22 66 53 00-0348	EA	3" Mechanical Joint High Silicon Iron Alloy Running Acid Resistant DWV P-Trap	851.70	77.07
22 66 53 00-0349	EA	4" Mechanical Joint High Silicon Iron Alloy Running Acid Resistant DWV P-Trap	1,059.71	91.81
22 66 53 00-0350		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum Traps *(22 66 53 00-0228)*		
22 66 53 00-0351	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum P-Trap	683.24	66.38
22 66 53 00-0352	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum P-Trap	1,080.54	73.43
22 66 53 00-0353	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum S-Trap	712.58	66.06
22 66 53 00-0354	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum S-Trap	1,080.54	73.43
22 66 53 00-0355		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Traps *(22 66 53 00-0228)*		
22 66 53 00-0356	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Short P-Trap	634.50	66.06
22 66 53 00-0357	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Short P-Trap	745.90	73.43
22 66 53 00-0358	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Long P-Trap	734.89	66.06
22 66 53 00-0359	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Long S-Trap	1,619.67	73.43
22 66 53 00-0360	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Long S-Trap	961.55	73.43
22 66 53 00-0361		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Return Bends *(22 66 53 00-0228)*		
22 66 53 00-0362	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Return Bend	262.82	58.79
22 66 53 00-0363	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Return Bend	344.48	66.06
22 66 53 00-0364		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Threaded Adapters *(22 66 53 00-0228)*		
22 66 53 00-0365	EA	1-1/2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Threaded Adapter	132.99	44.03
22 66 53 00-0366	EA	1-1/2" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Threaded Adapter	246.31	47.78
22 66 53 00-0367	EA	2" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Threaded Adapter	179.24	55.05
22 66 53 00-0368		Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter *(22 66 53 00-0228)*		
22 66 53 00-0369	EA	1-1/2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	250.14	62.64
22 66 53 00-0370	EA	1-1/2" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	273.78	66.06
22 66 53 00-0371	EA	1-1/2" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	305.31	69.68
22 66 53 00-0372	EA	1-1/2" x 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	327.19	76.84
22 66 53 00-0373	EA	2" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	305.36	69.79
22 66 53 00-0374	EA	2" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	321.97	73.43
22 66 53 00-0375	EA	2" x 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	347.55	80.48
22 66 53 00-0376	EA	3" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	394.45	77.07
22 66 53 00-0377	EA	4" x 4" Mechanical Joint High Silicon Iron Alloy Hub To Mechanical Joint Adapter	487.13	91.81

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0378		**Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fittings** *(22 66 53 00-0228)*		
22 66 53 00-0379	EA	1-1/2" Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fitting	89.24	
22 66 53 00-0380	EA	2" Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fitting	104.11	
22 66 53 00-0381	EA	3" Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fitting	111.55	
22 66 53 00-0382	EA	4" Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fitting	122.70	
22 66 53 00-0383		**Mechanical Joint High Silicon Iron Alloy Acid Resistant Sink Fittings** *(22 66 53 00-0228)*		
22 66 53 00-0384	EA	Mechanical Joint High Silicon Iron Alloy Acid Resistant Sink Outlet	657.53	29.40
22 66 53 00-0385	EA	Mechanical Joint High Silicon Iron Alloy Acid Resistant Stopper	248.83	14.64
22 66 53 00-0386	EA	Mechanical Joint High Silicon Iron Alloy Acid Resistant Sink Overflow	464.48	14.64
22 66 53 00-0387		**Mechanical Joint High Silicon Iron Alloy Acid Resistant Floor Drains With Stainless Steel Strainer Plates** *(22 66 53 00-0228)*		
22 66 53 00-0388	EA	Mechanical Joint High Silicon Iron Alloy Acid Resistant Floor Drain With Stainless Steel Strainer	2,354.42	146.86
22 66 53 00-0389	EA	Mechanical Joint High Silicon Iron Alloy Acid Resistant Sediment Basin Floor Drain With Stainless Steel Strainer	2,908.28	154.23
22 66 53 00-0390	EA	Stainless Steel Funnel Attachment For Mechanical Joint High Silicon Iron Alloy Acid Resistant Floor Drain	1,962.90	14.64
22 66 53 00-0391		**Chlorinated Polyvinyl Chloride (CPVC) Drain-Waste-Vent (DWV) Pipe And Fittings (ASTM F2618)** *(22 66 53)*		
22 66 53 00-0392		**Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) DWV Pipe** *(22 66 53 00-0391)*		
		Note: Excludes fittings or hangers.		
22 66 53 00-0393	LF	1-1/2" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) DWV Pipe	12.83	4.62
22 66 53 00-0394	LF	2" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) DWV Pipe	16.29	5.51
22 66 53 00-0395	LF	3" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) DWV Pipe	26.34	7.93
22 66 53 00-0396	LF	4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) DWV Pipe	33.42	8.59
22 66 53 00-0397	LF	6" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) DWV Pipe	53.36	10.81
22 66 53 00-0398	LF	8" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) DWV Pipe	116.12	14.39
22 66 53 00-0399		**Chlorinated Polyvinyl Chloride (CPVC) DWV Fittings** *(22 66 53 00-0391)*		
22 66 53 00-0400		**Chlorinated Polyvinyl Chloride (CPVC) DWV 1/4 Bends** *(22 66 53 00-0399)*		
22 66 53 00-0401	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/4 Bends	50.29	18.38
		Note: 0.125		
		For Work In Restricted Working Space, Add	*8.26*	
22 66 53 00-0402	EA	2" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/4 Bends	63.51	23.45
		Note: 0.16		
		For Work In Restricted Working Space, Add	*10.57*	
22 66 53 00-0403	EA	3" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/4 Bends	95.37	31.48
		Note: 0.215		
		For Work In Restricted Working Space, Add	*14.20*	
22 66 53 00-0404	EA	4" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/4 Bends	131.46	36.66
		Note: 0.25		
		For Work In Restricted Working Space, Add	*16.52*	
22 66 53 00-0405	EA	6" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/4 Bends	269.29	47.67
		Note: 0.325		
		For Work In Restricted Working Space, Add	*21.47*	
22 66 53 00-0406	EA	8" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/4 Bends	371.94	64.19
		Note: 0.438		
		For Work In Restricted Working Space, Add	*28.90*	
22 66 53 00-0407		**Chlorinated Polyvinyl Chloride (CPVC) DWV Long Sweep 1/4 Bends** *(22 66 53 00-0399)*		
22 66 53 00-0408	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Long Sweep 1/4 Bends	51.08	18.38
		For Work In Restricted Working Space, Add	*8.26*	
22 66 53 00-0409	EA	2" Chlorinated Polyvinyl Chloride (CPVC) DWV Long Sweep 1/4 Bends	67.34	23.45
		For Work In Restricted Working Space, Add	*10.57*	
22 66 53 00-0410	EA	3" Chlorinated Polyvinyl Chloride (CPVC) DWV Long Sweep 1/4 Bends	102.27	31.48
		For Work In Restricted Working Space, Add	*14.20*	
22 66 53 00-0411	EA	4" Chlorinated Polyvinyl Chloride (CPVC) DWV Long Sweep 1/4 Bends	133.99	36.66
		For Work In Restricted Working Space, Add	*16.52*	
22 66 53 00-0412		**Chlorinated Polyvinyl Chloride (CPVC) DWV 1/8 Bends** *(22 66 53 00-0399)*		
22 66 53 00-0413	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/8 Bends	49.90	18.38
		For Work In Restricted Working Space, Add	*8.26*	
22 66 53 00-0414	EA	2" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/8 Bends	62.47	23.45
		For Work In Restricted Working Space, Add	*10.57*	
22 66 53 00-0415	EA	3" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/8 Bends	97.35	31.48
		For Work In Restricted Working Space, Add	*14.20*	
22 66 53 00-0416	EA	4" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/8 Bends	111.72	36.66
		For Work In Restricted Working Space, Add	*16.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0417	EA	6" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/8 Bends	237.09	47.67
		For Work In Restricted Working Space, Add	*21.47*	
22 66 53 00-0418	EA	8" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/8 Bends	335.00	64.19
		For Work In Restricted Working Space, Add	*28.90*	
22 66 53 00-0419		**Chlorinated Polyvinyl Chloride (CPVC) DWV 1/16 Bends** *(22 66 53 00-0399)*		
22 66 53 00-0420	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/16 Bends	50.35	18.38
		For Work In Restricted Working Space, Add	*8.26*	
22 66 53 00-0421	EA	2" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/16 Bends	62.44	23.45
		For Work In Restricted Working Space, Add	*10.57*	
22 66 53 00-0422	EA	3" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/16 Bends	96.53	31.48
		For Work In Restricted Working Space, Add	*14.20*	
22 66 53 00-0423	EA	4" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/16 Bends	118.15	36.66
		For Work In Restricted Working Space, Add	*16.52*	
22 66 53 00-0424	EA	6" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/16 Bends	197.73	47.67
		For Work In Restricted Working Space, Add	*21.47*	
22 66 53 00-0425	EA	8" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/16 Bends	226.43	64.19
		For Work In Restricted Working Space, Add	*28.90*	
22 66 53 00-0426		**Chlorinated Polyvinyl Chloride (CPVC) DWV Double 1/4 Bends** *(22 66 53 00-0399)*		
22 66 53 00-0427	EA	3" Chlorinated Polyvinyl Chloride (CPVC) DWV Double 1/4 Bends	257.65	47.34
		For Work In Restricted Working Space, Add	*21.30*	
22 66 53 00-0428	EA	2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double 1/4 Bends	198.83	35.23
		For Work In Restricted Working Space, Add	*15.85*	
22 66 53 00-0429	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double 1/4 Bends	124.81	27.53
		For Work In Restricted Working Space, Add	*12.38*	
22 66 53 00-0430		**Chlorinated Polyvinyl Chloride (CPVC) DWV Sanitary Tees** *(22 66 53 00-0399)*		
22 66 53 00-0431	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Sanitary Tees	69.56	27.53
		For Work In Restricted Working Space, Add	*12.38*	
22 66 53 00-0432	EA	2" Chlorinated Polyvinyl Chloride (CPVC) DWV Sanitary Tees	86.72	35.23
		For Work In Restricted Working Space, Add	*15.85*	
22 66 53 00-0433	EA	3" Chlorinated Polyvinyl Chloride (CPVC) DWV Sanitary Tees	138.80	47.34
		For Work In Restricted Working Space, Add	*21.30*	
22 66 53 00-0434	EA	4" Chlorinated Polyvinyl Chloride (CPVC) DWV Sanitary Tees	184.11	55.05
		For Work In Restricted Working Space, Add	*24.77*	
22 66 53 00-0435	EA	6" Chlorinated Polyvinyl Chloride (CPVC) DWV Sanitary Tees	445.81	71.45
		For Work In Restricted Working Space, Add	*32.20*	
22 66 53 00-0436	EA	8" Chlorinated Polyvinyl Chloride (CPVC) DWV Sanitary Tees	616.14	96.22
		For Work In Restricted Working Space, Add	*43.35*	
22 66 53 00-0437		**Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Sanitary Tees** *(22 66 53 00-0399)*		
22 66 53 00-0438	EA	2" x 1-1/2" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Sanitary Tees	78.95	30.05
		For Work In Restricted Working Space, Add	*13.54*	
22 66 53 00-0439	EA	2" x 1-1/2" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Sanitary Tees	84.33	32.59
		For Work In Restricted Working Space, Add	*14.70*	
22 66 53 00-0440	EA	2" x 2" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Sanitary Tees	82.80	32.59
		For Work In Restricted Working Space, Add	*14.70*	
22 66 53 00-0441	EA	3" x 3" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Sanitary Tees	119.94	40.73
		For Work In Restricted Working Space, Add	*18.33*	
22 66 53 00-0442	EA	3" x 3" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Sanitary Tees	128.21	43.27
		For Work In Restricted Working Space, Add	*19.49*	
22 66 53 00-0443	EA	4" x 4" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Sanitary Tees	163.39	48.44
		For Work In Restricted Working Space, Add	*21.80*	
22 66 53 00-0444	EA	4" x 4" x 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Sanitary Tees	173.51	52.40
		For Work In Restricted Working Space, Add	*23.62*	
22 66 53 00-0445	EA	6" x 6" x 4" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Sanitary Tees	336.09	65.95
		For Work In Restricted Working Space, Add	*29.72*	
22 66 53 00-0446	EA	8" x 8" x 4" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Sanitary Tees	741.92	82.45
		For Work In Restricted Working Space, Add	*37.16*	
22 66 53 00-0447		**Chlorinated Polyvinyl Chloride (CPVC) DWV Double Sanitary Tees** *(22 66 53 00-0399)*		
22 66 53 00-0448	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Sanitary Tees	97.66	36.66
		For Work In Restricted Working Space, Add	*16.52*	
22 66 53 00-0449	EA	2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Sanitary Tees	120.71	46.90
		For Work In Restricted Working Space, Add	*21.14*	
22 66 53 00-0450	EA	3" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Sanitary Tees	161.87	63.08
		For Work In Restricted Working Space, Add	*28.40*	
22 66 53 00-0451	EA	4" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Sanitary Tees	199.77	73.32
		For Work In Restricted Working Space, Add	*33.03*	
22 66 53 00-0452		**Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Double Sanitary Tees** *(22 66 53 00-0399)*		
22 66 53 00-0453	EA	2" x 2" x 1-1/2" x 1-1/2 Chlorinated Polyvinyl Chloride (CPVC) DWV Double Sanitary Tee	118.87	41.84
		For Work In Restricted Working Space, Add	*18.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0454	EA	3" x 3" x 1-1/2" x 1-1/2 Chlorinated Polyvinyl Chloride (CPVC) DWV Double Sanitary Tee	141.94	49.87
		For Work In Restricted Working Space, Add	*22.46*	
22 66 53 00-0455	EA	3" x 3" x 2" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Sanitary Tee	177.01	55.05
		For Work In Restricted Working Space, Add	*24.77*	
22 66 53 00-0456	EA	4" x 4" x 2" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Sanitary Tee	163.15	60.11
		For Work In Restricted Working Space, Add	*27.08*	
22 66 53 00-0457	EA	4" x 4" x 3" x 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Sanitary Tee	182.85	68.14
		For Work In Restricted Working Space, Add	*30.72*	

22 66 53 00-0458 Chlorinated Polyvinyl Chloride (CPVC) DWV Reducers *(22 66 53 00-0399)*

22 66 53 00-0459	EA	2" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducers	66.17	20.92
		For Work In Restricted Working Space, Add	*9.41*	
22 66 53 00-0460	EA	3" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducers	74.18	24.88
		For Work In Restricted Working Space, Add	*11.23*	
22 66 53 00-0461	EA	3" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducers	114.77	27.53
		For Work In Restricted Working Space, Add	*12.38*	
22 66 53 00-0462	EA	4" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducers	125.89	30.05
		For Work In Restricted Working Space, Add	*13.54*	
22 66 53 00-0463	EA	4" x 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducers	139.30	34.13
		For Work In Restricted Working Space, Add	*15.36*	
22 66 53 00-0464	EA	6" x 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducers	185.80	39.63
		For Work In Restricted Working Space, Add	*17.84*	
22 66 53 00-0465	EA	6" x 4" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducers	212.30	42.17
		For Work In Restricted Working Space, Add	*18.99*	

22 66 53 00-0466 Chlorinated Polyvinyl Chloride (CPVC) DWV Flush Bushings *(22 66 53 00-0399)*

22 66 53 00-0467	EA	2" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Flush Bushing	50.33	20.92
		For Work In Restricted Working Space, Add	*9.41*	
22 66 53 00-0468	EA	3" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Flush Bushing	57.48	24.88
		For Work In Restricted Working Space, Add	*11.23*	
22 66 53 00-0469	EA	3" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Flush Bushing	63.13	27.53
		For Work In Restricted Working Space, Add	*12.38*	
22 66 53 00-0470	EA	4" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Flush Bushing	93.63	30.05
		For Work In Restricted Working Space, Add	*13.54*	
22 66 53 00-0471	EA	4" x 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Flush Bushing	100.81	34.13
		For Work In Restricted Working Space, Add	*15.36*	
22 66 53 00-0472	EA	6" x 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Flush Bushing	150.47	39.63
		For Work In Restricted Working Space, Add	*17.84*	
22 66 53 00-0473	EA	6" x 4" Chlorinated Polyvinyl Chloride (CPVC) DWV Flush Bushing	150.11	42.17
		For Work In Restricted Working Space, Add	*18.99*	
22 66 53 00-0474	EA	8" x 4" Chlorinated Polyvinyl Chloride (CPVC) DWV Flush Bushing	391.26	50.42
		For Work In Restricted Working Space, Add	*22.73*	
22 66 53 00-0475	EA	8" x 6" Chlorinated Polyvinyl Chloride (CPVC) DWV Flush Bushing	413.16	55.93
		For Work In Restricted Working Space, Add	*25.20*	

22 66 53 00-0476 Chlorinated Polyvinyl Chloride (CPVC) DWV P-Traps *(22 66 53 00-0399)*

22 66 53 00-0477	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV P-Traps	85.67	27.53
		For Work In Restricted Working Space, Add	*12.38*	
22 66 53 00-0478	EA	2" Chlorinated Polyvinyl Chloride (CPVC) DWV P-Traps	114.78	35.23
		For Work In Restricted Working Space, Add	*15.85*	
22 66 53 00-0479	EA	3" Chlorinated Polyvinyl Chloride (CPVC) DWV P-Traps	183.45	47.34
		For Work In Restricted Working Space, Add	*21.30*	
22 66 53 00-0480	EA	4" Chlorinated Polyvinyl Chloride (CPVC) DWV P-Traps	282.43	55.05
		For Work In Restricted Working Space, Add	*24.77*	

22 66 53 00-0481 Chlorinated Polyvinyl Chloride (CPVC) DWV Wyes *(22 66 53 00-0399)*

22 66 53 00-0482	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Wyes	70.11	27.53
		For Work In Restricted Working Space, Add	*12.38*	
22 66 53 00-0483	EA	2" Chlorinated Polyvinyl Chloride (CPVC) DWV Wyes	93.28	35.23
		For Work In Restricted Working Space, Add	*15.85*	
22 66 53 00-0484	EA	3" Chlorinated Polyvinyl Chloride (CPVC) DWV Wyes	143.09	47.34
		For Work In Restricted Working Space, Add	*21.30*	
22 66 53 00-0485	EA	4" Chlorinated Polyvinyl Chloride (CPVC) DWV Wyes	187.63	55.05
		For Work In Restricted Working Space, Add	*24.77*	
22 66 53 00-0486	EA	6" Chlorinated Polyvinyl Chloride (CPVC) DWV Wyes	374.05	71.45
		For Work In Restricted Working Space, Add	*32.20*	
22 66 53 00-0487	EA	8" Chlorinated Polyvinyl Chloride (CPVC) DWV Wyes	434.79	96.22
		For Work In Restricted Working Space, Add	*43.35*	

22 66 53 00-0488 Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Wyes *(22 66 53 00-0399)*

22 66 53 00-0489	EA	2" x 1-1/2" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Wyes	76.65	30.05
		For Work In Restricted Working Space, Add	*13.54*	
22 66 53 00-0490	EA	2" x 2" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Wyes	89.43	32.59
		For Work In Restricted Working Space, Add	*14.70*	
22 66 53 00-0491	EA	3" x 3" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Wyes	123.16	40.73
		For Work In Restricted Working Space, Add	*18.33*	
22 66 53 00-0492	EA	3" x 3" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Wyes	132.13	43.27
		For Work In Restricted Working Space, Add	*19.49*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0493	EA	4" x 4" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Wyes	135.50	45.79
		For Work In Restricted Working Space, Add	*20.64*	
22 66 53 00-0494	EA	4" x 4" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Wyes	169.36	48.44
		For Work In Restricted Working Space, Add	*21.80*	
22 66 53 00-0495	EA	4" x 4" x 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Wyes	179.57	52.40
		For Work In Restricted Working Space, Add	*23.62*	
22 66 53 00-0496	EA	6" x 6" x 4" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Wyes	272.27	65.95
		For Work In Restricted Working Space, Add	*29.72*	
22 66 53 00-0497	EA	8" x 8" x 4" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Wyes	325.60	82.45
		For Work In Restricted Working Space, Add	*37.16*	
22 66 53 00-0498	EA	8" x 8" x 6" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Wyes	356.64	87.96
		For Work In Restricted Working Space, Add	*39.63*	

22 66 53 00-0499 Chlorinated Polyvinyl Chloride (CPVC) DWV Double Wyes *(22 66 53 00-0399)*

22 66 53 00-0500	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Wyes	109.14	36.66
		For Work In Restricted Working Space, Add	*16.52*	
22 66 53 00-0501	EA	2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Wyes	127.64	46.90
		For Work In Restricted Working Space, Add	*21.14*	
22 66 53 00-0502	EA	3" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Wyes	198.05	63.08
		For Work In Restricted Working Space, Add	*28.40*	
22 66 53 00-0503	EA	4" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Wyes	345.91	73.32
		For Work In Restricted Working Space, Add	*33.03*	
22 66 53 00-0504	EA	6" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Wyes	553.20	95.34
		For Work In Restricted Working Space, Add	*42.93*	

22 66 53 00-0505 Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Double Wyes *(22 66 53 00-0399)*

22 66 53 00-0506	EA	2" x 2" x 1-1/2" x 1-1/2 Chlorinated Polyvinyl Chloride (CPVC) DWV Double Wyes	148.56	41.84
		For Work In Restricted Working Space, Add	*18.83*	
22 66 53 00-0507	EA	3" x 3" x 2" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Wyes	188.15	55.05
		For Work In Restricted Working Space, Add	*24.77*	
22 66 53 00-0508	EA	4" x 4" x 3" x 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Wyes	311.29	68.14
		For Work In Restricted Working Space, Add	*30.72*	
22 66 53 00-0509	EA	6" x 6" x 4" x 4" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Wyes	453.05	84.33
		For Work In Restricted Working Space, Add	*37.98*	

22 66 53 00-0510 Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends *(22 66 53 00-0399)*

22 66 53 00-0511	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends	78.92	27.53
		For Work In Restricted Working Space, Add	*12.38*	
22 66 53 00-0512	EA	2" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends	103.06	35.23
		For Work In Restricted Working Space, Add	*15.85*	
22 66 53 00-0513	EA	3" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends	151.19	47.34
		For Work In Restricted Working Space, Add	*21.30*	
22 66 53 00-0514	EA	4" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends	196.44	55.05
		For Work In Restricted Working Space, Add	*24.77*	
22 66 53 00-0515	EA	6" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends	415.13	71.45
		For Work In Restricted Working Space, Add	*32.20*	
22 66 53 00-0516	EA	8" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends	710.81	96.22
		For Work In Restricted Working Space, Add	*43.35*	

22 66 53 00-0517 Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Combination Wye And 1/8 Bends *(22 66 53 00-0399)*

22 66 53 00-0518	EA	2" x 1-1/2" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends	76.45	30.05
		For Work In Restricted Working Space, Add	*13.54*	
22 66 53 00-0519	EA	2" x 2" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends	94.21	32.59
		For Work In Restricted Working Space, Add	*14.70*	
22 66 53 00-0520	EA	3" x 3" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends	127.79	40.73
		For Work In Restricted Working Space, Add	*18.33*	
22 66 53 00-0521	EA	3" x 3" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends	137.19	43.27
		For Work In Restricted Working Space, Add	*19.49*	
22 66 53 00-0522	EA	4" x 4" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends	172.70	48.44
		For Work In Restricted Working Space, Add	*21.80*	
22 66 53 00-0523	EA	4" x 4" x 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends	183.68	52.40
		For Work In Restricted Working Space, Add	*23.62*	
22 66 53 00-0524	EA	6" x 6" x 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends	328.20	63.41
		For Work In Restricted Working Space, Add	*28.57*	
22 66 53 00-0525	EA	6" x 6" x 4" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends	341.02	65.95
		For Work In Restricted Working Space, Add	*29.72*	

22 66 53 00-0526 Chlorinated Polyvinyl Chloride (CPVC) DWV Double Combination Wye And 1/8 Bends *(22 66 53 00-0399)*

22 66 53 00-0527	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Combination Wye And 1/8 Bends	116.16	36.66
		For Work In Restricted Working Space, Add	*16.52*	
22 66 53 00-0528	EA	2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Combination Wye And 1/8 Bends	169.74	46.90
		For Work In Restricted Working Space, Add	*21.14*	

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22 66 53 00-0529	EA	3" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Combination Wye And 1/8 Bends	265.31	63.08
		For Work In Restricted Working Space, Add	*28.40*	
22 66 53 00-0530	EA	4" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Combination Wye And 1/8 Bends	433.44	73.32
		For Work In Restricted Working Space, Add	*33.03*	
22 66 53 00-0531	EA	6" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Combination Wye And 1/8 Bends	593.67	95.34
		For Work In Restricted Working Space, Add	*42.93*	

22 66 53 00-0532 Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Double Combination Wye And 1/8 Bends *(22 66 53 00-0399)*

22 66 53 00-0533	EA	2" x 2" x 1-1/2" x 1-1/2 Chlorinated Polyvinyl Chloride (CPVC) DWV Double Combination Wye And 1/8 Bends	148.57	41.84
		For Work In Restricted Working Space, Add	*18.83*	
22 66 53 00-0534	EA	3" x 3" x 2" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Combination Wye And 1/8 Bends	225.62	55.05
		For Work In Restricted Working Space, Add	*24.77*	
22 66 53 00-0535	EA	4" x 4" x 2" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Combination Wye And 1/8 Bends	269.41	60.11
		For Work In Restricted Working Space, Add	*27.08*	
22 66 53 00-0536	EA	4" x 4" x 3" x 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Combination Wye And 1/8 Bends	281.53	68.14
		For Work In Restricted Working Space, Add	*30.72*	
22 66 53 00-0537	EA	6" x 6" x 3" x 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Combination Wye And 1/8 Bends	352.86	79.15
		For Work In Restricted Working Space, Add	*35.67*	
22 66 53 00-0538	EA	6" x 6" x 4" x 4" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Combination Wye And 1/8 Bends	393.60	84.33
		For Work In Restricted Working Space, Add	*37.98*	

22 66 53 00-0539 Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Tees With Plug *(22 66 53 00-0399)*

22 66 53 00-0540	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Tees	74.96	27.53
		For Work In Restricted Working Space, Add	*12.38*	
22 66 53 00-0541	EA	2" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Tees	90.04	35.23
		For Work In Restricted Working Space, Add	*15.85*	
22 66 53 00-0542	EA	3" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Tees	149.02	47.34
		For Work In Restricted Working Space, Add	*21.30*	
22 66 53 00-0543	EA	4" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Tees	188.81	55.05
		For Work In Restricted Working Space, Add	*24.77*	
22 66 53 00-0544	EA	6" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Tees	394.25	71.45
		For Work In Restricted Working Space, Add	*32.20*	
22 66 53 00-0545	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Plug	18.85	9.13
		For Work In Restricted Working Space, Add	*4.13*	
22 66 53 00-0546	EA	2" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Plug	23.18	11.67
		For Work In Restricted Working Space, Add	*5.28*	
22 66 53 00-0547	EA	3" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Plug	33.40	15.74
		For Work In Restricted Working Space, Add	*7.10*	
22 66 53 00-0548	EA	4" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Plug	38.44	18.28
		For Work In Restricted Working Space, Add	*8.26*	
22 66 53 00-0549	EA	6" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Plug	61.23	23.78
		For Work In Restricted Working Space, Add	*10.73*	

22 66 53 00-0550 Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Adapters With Plug *(22 66 53 00-0399)*

22 66 53 00-0551	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Adapters With Plug	42.26	18.38
		For Work In Restricted Working Space, Add	*8.26*	
22 66 53 00-0552	EA	2" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Adapters With Plug	52.59	23.45
		For Work In Restricted Working Space, Add	*10.57*	
22 66 53 00-0553	EA	3" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Adapters With Plug	79.38	31.48
		For Work In Restricted Working Space, Add	*14.20*	
22 66 53 00-0554	EA	4" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Adapters With Plug	110.16	36.66
		For Work In Restricted Working Space, Add	*16.52*	
22 66 53 00-0555	EA	6" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Adapters With Plug	166.89	47.67
		For Work In Restricted Working Space, Add	*21.47*	
22 66 53 00-0556	EA	8" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Adapters With Plug	286.15	64.19
		For Work In Restricted Working Space, Add	*28.93*	

22 66 53 00-0557 Chlorinated Polyvinyl Chloride (CPVC) Couplings *(22 66 53 00-0399)*

22 66 53 00-0558	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) Couplings	45.31	18.38
		For Work In Restricted Working Space, Add	*8.26*	
22 66 53 00-0559	EA	2" Chlorinated Polyvinyl Chloride (CPVC) Couplings	57.43	23.45
		For Work In Restricted Working Space, Add	*10.57*	
22 66 53 00-0560	EA	3" Chlorinated Polyvinyl Chloride (CPVC) Couplings	75.74	31.48
		For Work In Restricted Working Space, Add	*14.20*	
22 66 53 00-0561	EA	4" Chlorinated Polyvinyl Chloride (CPVC) Couplings	95.46	36.66
		For Work In Restricted Working Space, Add	*16.52*	
22 66 53 00-0562	EA	6" Chlorinated Polyvinyl Chloride (CPVC) Couplings	135.62	47.67
		For Work In Restricted Working Space, Add	*21.47*	
22 66 53 00-0563	EA	8" Chlorinated Polyvinyl Chloride (CPVC) Couplings	269.19	64.19
		For Work In Restricted Working Space, Add	*28.93*	

22 66 53 00-0564 Chlorinated Polyvinyl Chloride (CPVC) Female Adapters *(22 66 53 00-0399)*

22 66 53 00-0565	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) Female Adapters	27.75	9.13
22 66 53 00-0566	EA	2" Chlorinated Polyvinyl Chloride (CPVC) Female Adapters	36.67	11.78
22 66 53 00-0567	EA	3" Chlorinated Polyvinyl Chloride (CPVC) Female Adapters	55.12	15.74

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0568	EA	4" Chlorinated Polyvinyl Chloride (CPVC) Female Adapters	87.98	18.38
22 66 53 00-0569	EA	6" Chlorinated Polyvinyl Chloride (CPVC) Female Adapters	137.04	23.78
22 66 53 00-0570		**Chlorinated Polyvinyl Chloride (CPVC) Male Adapters** *(22 66 53 00-0399)*		
22 66 53 00-0571	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) Male Adapters	30.51	9.13
22 66 53 00-0572	EA	2" Chlorinated Polyvinyl Chloride (CPVC) Male Adapters	42.75	11.78
22 66 53 00-0573	EA	3" Chlorinated Polyvinyl Chloride (CPVC) Male Adapters	51.20	15.74
22 66 53 00-0574	EA	4" Chlorinated Polyvinyl Chloride (CPVC) Male Adapters	84.93	18.38
22 66 53 00-0575	EA	6" Chlorinated Polyvinyl Chloride (CPVC) Male Adapters	113.26	23.78
22 66 53 00-0576		**Chlorinated Polyvinyl Chloride (CPVC) Caps** *(22 66 53 00-0399)*		
22 66 53 00-0577	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Cap	27.59	9.13
22 66 53 00-0578	EA	2" Chlorinated Polyvinyl Chloride (CPVC) DWV Cap	34.16	11.78
22 66 53 00-0579	EA	3" Chlorinated Polyvinyl Chloride (CPVC) DWV Cap	52.27	15.74
22 66 53 00-0580	EA	4" Chlorinated Polyvinyl Chloride (CPVC) DWV Cap	85.83	18.38
22 66 53 00-0581	EA	6" Chlorinated Polyvinyl Chloride (CPVC) DWV Cap	109.66	23.78
22 66 53 00-0582	EA	8" Chlorinated Polyvinyl Chloride (CPVC) DWV Cap	170.06	32.15
22 66 83		**Chemical-Waste Tanks** *(22 66)*		
22 66 83 16		**Chemical-Waste Neutralization Tanks** *(22 66 83)*		
22 66 83 16-0001		**Acid Neutralization Tank** *(22 66 83 16)*		
22 66 83 16-0002		**Polyethylene Acid Neutralization Tank** *(22 66 83 16-0001)*		
22 66 83 16-0003	EA	5 Gallon Capacity Polyethylene Acid Neutralization Tank	584.15	224.17
22 66 83 16-0004	EA	15 Gallon Capacity Polyethylene Acid Neutralization Tank	1,072.14	310.84
22 66 83 16-0005	EA	30 Gallon Capacity Polyethylene Acid Neutralization Tank	1,325.18	448.33
22 66 83 16-0006	EA	55 Gallon Capacity Polyethylene Acid Neutralization Tank	1,698.33	597.78
22 66 83 16-0007	EA	100 Gallon Capacity Polyethylene Acid Neutralization Tank	2,187.78	717.33
22 66 83 16-0008	EA	150 Gallon Capacity Polyethylene Acid Neutralization Tank	3,004.52	896.67
22 66 83 16-0009	EA	200 Gallon Capacity Polyethylene Acid Neutralization Tank	3,455.55	1,120.84
22 66 83 16-0010	EA	275 Gallon Capacity Polyethylene Acid Neutralization Tank	4,503.21	1,345.00
22 66 83 16-0011	EA	350 Gallon Capacity Polyethylene Acid Neutralization Tank	5,099.59	1,614.00
22 66 83 16-0012		**Polypropylene Acid Neutralization Tank** *(22 66 83 16-0001)*		
22 66 83 16-0013	EA	5 Gallon Capacity Polypropylene Acid Neutralization Tank	983.50	224.17
22 66 83 16-0014	EA	15 Gallon Capacity Polypropylene Acid Neutralization Tank	1,704.44	310.84
22 66 83 16-0015	EA	30 Gallon Capacity Polypropylene Acid Neutralization Tank	2,718.06	448.33
22 66 83 16-0016	EA	55 Gallon Capacity Polypropylene Acid Neutralization Tank	3,581.54	597.78
22 66 83 16-0017	EA	100 Gallon Capacity Polypropylene Acid Neutralization Tank	4,536.61	717.33
22 66 83 16-0018	EA	150 Gallon Capacity Polypropylene Acid Neutralization Tank	5,158.15	896.67
22 66 83 16-0019	EA	200 Gallon Capacity Polypropylene Acid Neutralization Tank	5,599.68	1,120.84
22 66 83 16-0020	EA	275 Gallon Capacity Polypropylene Acid Neutralization Tank	8,247.13	1,345.00
22 66 83 16-0021	EA	350 Gallon Capacity Polypropylene Acid Neutralization Tank	8,893.42	1,614.00
22 66 83 16-0022		**Chemical Dilution Trap** *(22 66 83 16)*		
22 66 83 16-0023	EA	1 Gallon Capacity Polyethylene Under Bench Chemical Dilution Trap Note: 1-1/2" top inlet and side outlet with anti siphon.	533.31	74.73
22 66 83 16-0024	EA	1-1/2 Gallon Capacity Polyethylene Under Bench Chemical Dilution Trap Note: 1-1/2" top inlet and side outlet with anti siphon.	550.79	74.73
22 66 83 16-0025	EA	2 Gallon Capacity Polyethylene Under Bench Chemical Dilution Trap Note: 1-1/2" top inlet and side outlet with anti siphon.	568.26	74.73
22 66 83 16-0026	EA	5 Gallon Capacity Polyethylene Under Bench Chemical Dilution Trap Note: 1-1/2" top inlet and side outlet with anti siphon.	621.28	89.66

END OF SECTION 22

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 Heating, Ventilating, and Air-Conditioning (HVAC)

Note: Where required, mechanical equipment excludes electrical connection unless title states otherwise. HVAC equipment shall conform to California Title 24.

23 01 Operation and Maintenance of HVAC Systems *(23)*

23 01 10 Operation and Maintenance of Facility Fuel Systems *(23 01)*

23 01 10 91 Facility Fuel Systems Restoration *(23 01 10)*

23 01 10 91-0001 AQMD Permit Costs *(23 01 10 91)*

23 01 10 91-0002	EA	Processing Fee - 5 To 20 Million	10,067.39
23 01 10 91-0003	EA	Processing Fee - 5 To 20 Million, Duplicate (Same Model Number)	5,033.70
23 01 10 91-0004	EA	Permit To Operate - 5 To 20 Million, (Annual Fee)	1,993.60
23 01 10 91-0005	EA	Processing Fee - 2 To 5 Million	3,910.09
23 01 10 91-0006	EA	Processing Fee - 2 To 5 Million, Duplicate (Same Model Number)	1,955.04
23 01 10 91-0007	EA	Permit To Operate - 2 To 5 Million, (Annual Fee)	592.38

23 01 10 91-0008 Purge Gas Systems *(23 01 10 91)*

Note: Includes collection and refilling/bleeding of system. For natural gas, flammable gases and other gases that should not be released inside the building. See CSI section 23 01 60 71-0001 for refrigerant.

23 01 10 91-0009	EA	Up To 100', Up To 1-1/2" Diameter Pipe, Purge Gas Systems	552.36
23 01 10 91-0010	EA	>100' To 250', Up To 1-1/2" Diameter Pipe, Purge Gas Systems	789.08
23 01 10 91-0011	EA	>250' To 500', Up To 1-1/2" Diameter Pipe, Purge Gas Systems	828.92
23 01 10 91-0012	EA	>500' To 1,000', Up To 1-1/2" Diameter Pipe, Purge Gas Systems	914.73
23 01 10 91-0013	EA	>1,000' To 2,000', Up To 1-1/2" Diameter Pipe, Purge Gas Systems	1,656.93
23 01 10 91-0014	EA	Up To 100', >1-/2" To 4" Diameter Pipe, Purge Gas Systems	743.16
23 01 10 91-0015	EA	>100' To 250', >1-/2" To 4" Diameter Pipe, Purge Gas Systems	1,068.66
23 01 10 91-0016	EA	>250' To 500', >1-/2" To 4" Diameter Pipe, Purge Gas Systems	1,133.15
23 01 10 91-0017	EA	>500' To 1,000', >1-/2" To 4" Diameter Pipe, Purge Gas Systems	1,491.38
23 01 10 91-0018	EA	>1,000' To 2,000', >1-/2" To 4" Diameter Pipe, Purge Gas Systems	2,312.12
23 01 10 91-0019	EA	Up To 100', >4" To 10" Diameter Pipe, Purge Gas Systems	884.43
23 01 10 91-0020	EA	>100' To 250', >4" To 10" Diameter Pipe, Purge Gas Systems	1,306.70
23 01 10 91-0021	EA	>250' To 500', >4" To 10" Diameter Pipe, Purge Gas Systems	3,007.65
23 01 10 91-0022	EA	>500' To 1,000', >4" To 10" Diameter Pipe, Purge Gas Systems	4,708.41
23 01 10 91-0023	EA	>1,000' To 2,000', >4" To 10" Diameter Pipe, Purge Gas Systems	8,854.29

23 01 20 Operation and Maintenance of HVAC Piping and Pumps *(23 01)*

23 01 20 91 HVAC Piping and Pumps Restoration *(23 01 20)*

See CSI section 22 01 10 61-0001 for pipe repair clamps, 22 01 10 61-0074 for repair and tape HVAC pipe insulation seam.

23 01 20 91-0001 Lock Out/Tag Out System *(23 01 20 91)*

23 01 20 91-0002	EA	Up To 1", Lock Out/Tag Out Valve Note: Excludes tag or padlock See CSI section 23 01 20 91-0007 for padlock, 23 01 20 91-0008 for tag(s).	29.89
23 01 20 91-0003	EA	>1" To 3", Lock Out/Tag Out Valve Note: Excludes tag or padlock See CSI section 23 01 20 91-0007 for padlock, 23 01 20 91-0008 for tag(s).	35.87
23 01 20 91-0004	EA	>3" To 6", Lock Out/Tag Out Valve Note: Excludes tag or padlock See CSI section 23 01 20 91-0007 for padlock, 23 01 20 91-0008 for tag(s).	41.85
23 01 20 91-0005	EA	>6" To 10", Lock Out/Tag Out Valve Note: Excludes tag or padlock See CSI section 23 01 20 91-0007 for padlock, 23 01 20 91-0008 for tag(s).	47.82
23 01 20 91-0006	EA	>10" To 14", Lock Out/Tag Out Valve Note: Excludes tag or padlock See CSI section 23 01 20 91-0007 for padlock, 23 01 20 91-0008 for tag(s).	59.78
23 01 20 91-0007	EA	Lock Out Padlock	11.96
23 01 20 91-0008	EA	Lock Out Tags	5.11

23 01 20 91-0009 Freeze Pipe Using CO2 Kit *(23 01 20 91)*

Note: For use on chilled water or cold water piping systems. Excludes cutting existing pipe, and installation of valve or fittings.

23 01 20 91-0010	EA	Up To 2" Freeze Pipe Using CO2 Kit	378.78

23 01 20 91-0011 Pipe Freezing *(23 01 20 91)*

Note: For use on any water piping systems. Excludes excavation, cutting existing pipe, and installation of valve or fittings.

23 01 20 91-0012	EA	Up To 1" Pipe Freezing, First Location Note: Includes freezing on each side of valve or fitting.	685.80
23 01 20 91-0013	EA	Up To 1" Pipe Freezing, Each Additional Location After First Note: Includes freezing on each side of valve or fitting.	367.16
23 01 20 91-0014	EA	>1" To 1-1/2" Pipe Freezing, First Location Note: Includes freezing on each side of valve or fitting.	828.94
23 01 20 91-0015	EA	>1" To 1-1/2" Pipe Freezing, Each Additional Location After First Note: Includes freezing on each side of valve or fitting.	423.62
23 01 20 91-0016	EA	>1-1/2" To 2" Pipe Freezing, First Location Note: Includes freezing on each side of valve or fitting.	1,137.34

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 01 20 91-0017	EA	>1-1/2" To 2" Pipe Freezing, Each Additional Location After First Note: Includes freezing on each side of valve or fitting.	480.25	
23 01 20 91-0018	EA	>2" To 3" Pipe Freezing, First Location Note: Includes freezing on each side of valve or fitting.	1,296.99	
23 01 20 91-0019	EA	>2" To 3" Pipe Freezing, Each Additional Location After First Note: Includes freezing on each side of valve or fitting.	564.77	
23 01 20 91-0020	EA	>3" To 4" Pipe Freezing, First Location Note: Includes freezing on each side of valve or fitting.	1,893.57	
23 01 20 91-0021	EA	>3" To 4" Pipe Freezing, Each Additional Location After First Note: Includes freezing on each side of valve or fitting.	652.02	
23 01 20 91-0022	EA	>4" To 6" Pipe Freezing, First Location Note: Includes freezing on each side of valve or fitting.	3,881.12	
23 01 20 91-0023	EA	>4" To 6" Pipe Freezing, Each Additional Location After First Note: Includes freezing on each side of valve or fitting.	854.84	
23 01 20 91-0024	EA	>6" To 8" Pipe Freezing, First Location Note: Includes freezing on each side of valve or fitting.	5,163.26	
23 01 20 91-0025	EA	>6" To 8" Pipe Freezing, Each Additional Location After First Note: Includes freezing on each side of valve or fitting.	1,254.52	
23 01 20 91-0026	EA	>8" To 10" Pipe Freezing, First Location Note: Includes freezing on each side of valve or fitting.	7,119.19	
23 01 20 91-0027	EA	>8" To 10" Pipe Freezing, Each Additional Location After First Note: Includes freezing on each side of valve or fitting.	1,708.04	
23 01 20 91-0028	EA	>10" To 12" Pipe Freezing, First Location Note: Includes freezing on each side of valve or fitting.	9,161.47	
23 01 20 91-0029	EA	>10" To 12" Pipe Freezing, Each Additional Location After First Note: Includes freezing on each side of valve or fitting.	2,214.89	

23 01 20 91-0030 Water/Chlorine Pipe Disinfection/Flush/Testing *(23 01 20 91)*

Note: For existing piping when required. Water/chlorine solution per specification entitled "Water Distribution".

23 01 20 91-0031	LF	Up To 1", Water/Chlorine Pipe Disinfection/Flush/Testing	1.91	
		For >250 To 500, Deduct	*-0.17*	
		For >500 To 2,000, Deduct	*-0.36*	
		For >2,000, Deduct	*-0.54*	
23 01 20 91-0032	LF	>1" To 2", Water/Chlorine Pipe Disinfection/Flush/Testing	2.58	
		For >250 To 500, Deduct	*-0.22*	
		For >500 To 2,000, Deduct	*-0.47*	
		For >2,000, Deduct	*-0.72*	
23 01 20 91-0033	LF	>2" To 3", Water/Chlorine Pipe Disinfection/Flush/Testing	3.90	
		For >250 To 500, Deduct	*-0.34*	
		For >500 To 2,000, Deduct	*-0.71*	
		For >2,000, Deduct	*-1.08*	
23 01 20 91-0034	LF	4", Water/Chlorine Pipe Disinfection/Flush/Testing	5.29	
		For >250 To 500, Deduct	*-0.45*	
		For >500 To 2,000, Deduct	*-0.95*	
		For >2,000, Deduct	*-1.44*	
23 01 20 91-0035	LF	6", Water/Chlorine Pipe Disinfection/Flush/Testing	6.42	
		For >250 To 500, Deduct	*-0.54*	
		For >500 To 2,000, Deduct	*-1.14*	
		For >2,000, Deduct	*-1.73*	
23 01 20 91-0036	LF	8", Water/Chlorine Pipe Disinfection/Flush/Testing	8.06	
		For >250 To 500, Deduct	*-0.67*	
		For >500 To 2,000, Deduct	*-1.42*	
		For >2,000, Deduct	*-2.17*	
23 01 20 91-0037	LF	10", Water/Chlorine Pipe Disinfection/Flush/Testing	10.70	
		For >250 To 500, Deduct	*-0.90*	
		For >500 To 2,000, Deduct	*-1.89*	
		For >2,000, Deduct	*-2.89*	
23 01 20 91-0038	LF	12", Water/Chlorine Pipe Disinfection/Flush/Testing	12.83	
		For >250 To 500, Deduct	*-1.08*	
		For >500 To 2,000, Deduct	*-2.27*	
		For >2,000, Deduct	*-3.47*	

23 01 20 91-0039 Shut Down Existing Piping System *(23 01 20 91)*

23 01 20 91-0040	EA	Shut Down Existing Interior Piping System Note: Includes lock out/tag out and average line tracing. Use when valves are greater than 25' from work. When the shut-off valves for multiple lines are located with a 10' radius, the quantity used shall be one.	251.09	

23 01 20 91-0041 Purge Liquid Systems *(23 01 20 91)*

Note: Includes collection of liquid, refilling with liquid and bleeding of air from system.

23 01 20 91-0042	EA	Up To 50', Up To 3/4" Diameter Pipe, Purge Liquid System	188.98	
23 01 20 91-0043	EA	>50' To 100', Up To 3/4" Diameter Pipe, Purge Liquid System	236.22	
23 01 20 91-0044	EA	>100 To 250', Up To 3/4" Diameter Pipe, Purge Liquid System	337.15	
23 01 20 91-0045	EA	>250 To 500', Up To 3/4" Diameter Pipe, Purge Liquid System	404.01	
23 01 20 91-0046	EA	>500 To 1,000', Up To 3/4" Diameter Pipe, Purge Liquid System	505.02	
23 01 20 91-0047	EA	>1,000 To 2,000', Up To 3/4" Diameter Pipe, Purge Liquid System	656.53	
23 01 20 91-0048	LF	>2,000', Up To 3/4" Diameter Pipe, Purge Liquid System	0.33	
23 01 20 91-0049	EA	Up To 100', >3/4" To 1-1/2" Diameter Pipe, Purge Liquid System	393.53	
23 01 20 91-0050	EA	>100 To 250', >3/4" To 1-1/2" Diameter Pipe, Purge Liquid System	562.04	
23 01 20 91-0051	EA	>250 To 500', >3/4" To 1-1/2" Diameter Pipe, Purge Liquid System	673.43	
23 01 20 91-0052	EA	>500 To 1,000', >3/4" To 1-1/2" Diameter Pipe, Purge Liquid System	841.79	
23 01 20 91-0053	EA	>1,000 To 2,000', >3/4" To 1-1/2" Diameter Pipe, Purge Liquid System	1,094.33	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 01 20 91-0054	LF	>2,000', >3/4" To 1-1/2" Diameter Pipe, Purge Liquid System	0.54	
23 01 20 91-0055	EA	Up To 100', >1-1/2" To 3" Diameter Pipe, Purge Liquid System	550.94	
23 01 20 91-0056	EA	>100 To 250', >1-1/2" To 3" Diameter Pipe, Purge Liquid System	786.86	
23 01 20 91-0057	EA	>250 To 500', >1-1/2" To 3" Diameter Pipe, Purge Liquid System	942.81	
23 01 20 91-0058	EA	>500 To 1,000', >1-1/2" To 3" Diameter Pipe, Purge Liquid System	1,178.51	
23 01 20 91-0059	EA	>1,000 To 2,000', >1-1/2" To 3" Diameter Pipe, Purge Liquid System	1,532.06	
23 01 20 91-0060	LF	>2,000', >1-1/2" To 3" Diameter Pipe, Purge Liquid System	0.77	
23 01 20 91-0061	EA	Up To 100', >3" To 6" Diameter Pipe, Purge Liquid System	757.55	
23 01 20 91-0062	EA	>100 To 250', >3" To 6" Diameter Pipe, Purge Liquid System	1,081.94	
23 01 20 91-0063	EA	>250 To 500', >3" To 6" Diameter Pipe, Purge Liquid System	1,148.60	
23 01 20 91-0064	EA	>500 To 1,000', >3" To 6" Diameter Pipe, Purge Liquid System	1,435.75	
23 01 20 91-0065	EA	>1,000 To 2,000', >3" To 6" Diameter Pipe, Purge Liquid System	1,866.47	
23 01 20 91-0066	LF	>2,000', >3" To 6" Diameter Pipe, Purge Liquid System	0.94	
23 01 20 91-0067	EA	Up To 100', >6" To 10" Diameter Pipe, Purge Liquid System	1,022.69	
23 01 20 91-0068	EA	>100 To 250', >6" To 10" Diameter Pipe, Purge Liquid System	1,460.60	
23 01 20 91-0069	EA	>250 To 500', >6" To 10" Diameter Pipe, Purge Liquid System	1,550.61	
23 01 20 91-0070	EA	>500 To 1,000', >6" To 10" Diameter Pipe, Purge Liquid System	1,938.26	
23 01 20 91-0071	EA	>1,000 To 2,000', >6" To 10" Diameter Pipe, Purge Liquid System	2,519.74	
23 01 20 91-0072	LF	>2,000', >6" To 10" Diameter Pipe, Purge Liquid System	1.26	
23 01 20 91-0073		Add-A-Valve Emergency Shut Off Device *(23 01 20 91)*		
23 01 20 91-0074	EA	1/2" Add-A-Valve Emergency Shut Off Device (Jomar 800-103ADD)	402.45	
23 01 20 91-0075	EA	3/4" Add-A-Valve Emergency Shut Off Device (Jomar 800-104ADD)	507.08	
23 01 20 91-0076	EA	1" Add-A-Valve Emergency Shut Off Device (Jomar 800-105ADD)	704.23	
23 01 20 91-0077	EA	1-1/4" Add-A-Valve Emergency Shut Off Device (Jomar 800-106ADD)	1,080.68	
23 01 20 91-0078	EA	1-1/2" Add-A-Valve Emergency Shut Off Device (Jomar 800-107ADD)	1,335.32	
23 01 20 91-0079	EA	2" Add-A-Valve Emergency Shut Off Device (Jomar 800-108ADD)	2,020.85	

23 01 30 Operation and Maintenance of HVAC Air Distribution *(23 01)*

23 01 30 51 HVAC Air-Distribution System Cleaning *(23 01 30)*

23 01 30 51-0001		Cleaning Of Ductwork And HVAC Equipment *(23 01 30 51)*		
23 01 30 51-0002	LF	Up To 2 SF Cross Section, Clean Interior Supply/Return Ductwork Note: Includes sealing registers, grilles, diffusers as required. Excludes cleaning of registers, grilles, diffusers, or other devices.	4.05	
		For Exhaust Ductwork, Add	*1.01*	
23 01 30 51-0003	LF	>2 SF To 4 SF Cross Section, Clean Interior Supply/Return Ductwork Note: Includes sealing registers, grilles, diffusers as required. Excludes cleaning of registers, grilles, diffusers, or other devices.	5.08	
		For Exhaust Ductwork, Add	*1.27*	
23 01 30 51-0004	LF	>4 SF To 8 SF Cross Section, Clean Interior Supply/Return Ductwork Note: Includes sealing registers, grilles, diffusers as required. Excludes cleaning of registers, grilles, diffusers, or other devices.	6.81	
		For Exhaust Ductwork, Add	*1.70*	
23 01 30 51-0005	LF	>8 SF Cross Section, Clean Interior Supply/Return Ductwork Note: Includes sealing registers, grilles, diffusers as required. Excludes cleaning of registers, grilles, diffusers, or other devices.	9.66	
		For Exhaust Ductwork, Add	*2.42*	
23 01 30 51-0006	SF	Clean Exposed Exterior Of Metal Supply/Return Ductwork Note: Includes sealing registers, grilles, diffusers as required. Excludes cleaning of registers, grilles, diffusers, or other devices.	0.60	
23 01 30 51-0007	LF	Clean Supply/Return Shafts	12.00	
23 01 30 51-0008	EA	Clean Floor Transition	9.66	
23 01 30 51-0009	SF	Clean Duct Dampers	13.62	
23 01 30 51-0010	SF	Clean Duct Fire Dampers	27.25	
23 01 30 51-0011	SF	Clean Louver	10.90	
23 01 30 51-0012	EA	Clean Turning Vane Set	32.70	
23 01 30 51-0013	EA	Clean Grille/Diffuser/Register Note: Includes removal and reinstallation.	32.70	
23 01 30 51-0014	LF	Clean Linear Diffuser Note: Includes removal and reinstallation.	8.18	
23 01 30 51-0015	EA	Cut Access For Cleaning Duct And Install Duct Insulated Access Doors	112.40	
		For Stainless Steel, Add	*77.90*	
23 01 30 51-0016	EA	Clean Variable Air Volume (VAV) Unit	98.10	
23 01 30 51-0017	EA	Clean Fan Powered Induction Unit (PIU) Unit	130.81	
23 01 30 51-0018	EA	Clean Fan Coil Unit (FCU)	130.81	
23 01 30 51-0019	EA	Clean Packaged Terminal Air Conditioning Unit	130.81	
23 01 30 51-0020	EA	Clean Supply Or Return Fan	261.61	
23 01 30 51-0021	EA	Clean Exhaust Fan	228.92	
23 01 30 51-0022	EA	Clean Duct Coil	196.22	
23 01 30 51-0023	SF	Clean Air Handling Unit Interior Housing With High Efficiency Particulate Air (HEPA) Vacuum Note: Excluding fan and coils.	6.54	
23 01 30 51-0024	EA	Clean Air Handling Unit Fan	261.61	
23 01 30 51-0025	EA	Clean Air Handling Unit Coil	392.43	
23 01 30 51-0026	SF	Clean Equipment Surfaces, Rust Reform And Prime	3.56	
23 01 30 51-0027	SF	Clean Interior Equipment Surfaces, Rust Reform And Prime	4.21	
23 01 30 51-0028	SF	High Efficiency Particulate Air (HEPA) Vacuuming Of Walls, Ceilings And Floors In Mechanical Rooms	0.77	
23 01 30 51-0029	EA	Cleaning Of Ductwork Minimum Set-up Charge Note: For projects where the total charges are less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	943.20	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 01 30 51-0030	SF	Apply Anti-microbial Agent To Ductwork And Surfaces After Cleaning	0.59	

23 01 30 61 HVAC Air-Distribution Duct Repair *(23 01 30)*

23 01 30 61-0001 Repair And Seal Ductwork *(23 01 30 61)*

Note: Includes removal of existing insulation, repair/seal ductwork with Duct Sealer and reinstallation of insulation. Excludes new ductwork.

23 01 30 61-0002	SF	Repair, Taping And Sealing Of Ductwork Note: Clean, apply sealant and tape	2.17	

23 01 30 61-0003 Rework Sheet Metal Ductwork *(23 01 30 61)*

Note: Includes removal of existing ductwork and reinstallation of ductwork. Excludes new ductwork.

23 01 30 61-0004	LF	Up To 1 SF Cross Section, Rework Existing Ductwork	34.68	
23 01 30 61-0005	LF	>1 To 2 SF Cross Section, Rework Existing Ductwork	67.62	
23 01 30 61-0006	LF	>2 To 4 SF Cross Section, Rework Existing Ductwork	89.35	
23 01 30 61-0007	LF	>4 To 6 SF Cross Section, Rework Existing Ductwork	111.89	
23 01 30 61-0008	LF	>6 To 8 SF Cross Section, Rework Existing Ductwork	156.04	
23 01 30 61-0009	LF	>8 To 10 SF Cross Section, Rework Existing Ductwork	182.05	
23 01 30 61-0010	LF	>10 To 12 SF Cross Section, Rework Existing Ductwork	208.06	
23 01 30 61-0011	LF	>12 To 14 SF Cross Section, Rework Existing Ductwork	234.07	

23 01 50 Operation and Maintenance of Central Heating Equipment *(23 01)*

23 01 50 61 Central Heating Equipment Repair *(23 01 50)*

23 01 50 61-0001 Boiler Repairs *(23 01 50 61)*

23 01 50 61-0002 Setup And Maintenance *(23 01 50 61-0001)*

23 01 50 61-0003	EA	Set-up Charge For Boiler Fire Side Maintenance Note: Includes removing/relocating doors, plates, portals, and burners required to access fireside.	2,662.20	
23 01 50 61-0004	EA	Close-up Charge For Boiler Fire Side Maintenance Note: Includes replacement of doors, plates, portals, burners, adhesive, rope, wool, and seals.	2,906.33	
		For Burner Seals, Add *Note: Used when burner must be removed from door for maintenance.*	*666.22*	
23 01 50 61-0005	EA	Setup Charge For Boiler Water Side Maintenance Note: Includes closing valves, draining, and positioning equipment needed for tube replacement.	3,549.62	
23 01 50 61-0006	EA	Up To 100 HP, Hydrostatic Test - Boiler Maintenance Note: Includes close-up charge for water side maintenance, blanking off supply, return, and relief valves for test and reconnection after test.	1,774.81	
23 01 50 61-0007	EA	>100 HP, Hydrostatic Test - Boiler Maintenance Note: Includes close-up charge for water side maintenance, blanking off supply, return, and relief valves for test and reconnection after test.	3,549.62	
23 01 50 61-0008	EA	Removal And Replacement Of Handhole	110.92	
23 01 50 61-0009	EA	Removal And Replacement Of Manhole	332.78	
23 01 50 61-0010	SF	Sheet Metal Jacket Patch	12.98	

23 01 50 61-0011 Boiler Tube Replacement *(23 01 50 61-0001)*

23 01 50 61-0012	EA	Removal Of Up To 2" Boiler Tube	266.21	
23 01 50 61-0013	EA	Removal Of >2" To 3" Boiler Tube	332.79	
23 01 50 61-0014	EA	Removal Of >3" To 4" Boiler Tube	465.87	
23 01 50 61-0015	LF	Place 1-1/2" Boiler Tube Into Position For Termination Note: Includes black steel tube, fasteners and accessories.	12.38	
23 01 50 61-0016	LF	Place 2" Boiler Tube Into Position For Termination Note: Includes black steel tube, fasteners and accessories.	14.49	
23 01 50 61-0017	LF	Place 2-1/2" Boiler Tube Into Position For Termination Note: Includes black steel tube, fasteners and accessories.	16.63	
23 01 50 61-0018	LF	Place 3" Boiler Tube Into Position For Termination Note: Includes black steel tube, fasteners and accessories.	24.37	
23 01 50 61-0019	LF	Place 3-1/2" Boiler Tube Into Position For Termination Note: Includes black steel tube, fasteners and accessories.	28.72	
23 01 50 61-0020	LF	Place 4" Boiler Tube Into Position For Termination Note: Includes black steel tube, fasteners and accessories.	37.13	
23 01 50 61-0021	EA	1-1/2" Rolled Boiler Tube Termination (2 Per New Tube)	33.28	
23 01 50 61-0022	EA	2" Rolled Boiler Tube Termination (2 Per New Tube)	49.92	
23 01 50 61-0023	EA	2-1/2" Rolled Boiler Tube Termination (2 Per New Tube)	66.56	
23 01 50 61-0024	EA	3" Rolled Boiler Tube Termination (2 Per New Tube)	83.20	
23 01 50 61-0025	EA	3-1/2" Rolled Boiler Tube Termination (2 Per New Tube)	99.84	
23 01 50 61-0026	EA	4" Rolled Boiler Tube Termination (2 Per New Tube)	116.48	
23 01 50 61-0027	EA	1-1/2" Welded Boiler Tube Termination (2 Per New Tube)	99.84	
23 01 50 61-0028	EA	2" Welded Boiler Tube Termination (2 Per New Tube)	133.12	
23 01 50 61-0029	EA	2-1/2" Welded Boiler Tube Termination (2 Per New Tube)	166.38	
23 01 50 61-0030	EA	3" Welded Boiler Tube Termination (2 Per New Tube)	199.66	
23 01 50 61-0031	EA	3-1/2" Welded Boiler Tube Termination (2 Per New Tube)	232.94	
23 01 50 61-0032	EA	4" Welded Boiler Tube Termination (2 Per New Tube)	266.21	
23 01 50 61-0033	EA	Plug Boiler Tube Hole Where Boiler Tube Is Not Replaced	405.00	

23 01 50 61-0034 Cast Iron Boiler Section Replacement *(23 01 50 61-0001)*

23 01 50 61-0035	EA	Removal And Replacement Of Front Section Of Weil McLain Model 80 Cast Iron Boiler	2,911.72	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 01 50 61-0036	EA	Removal And Replacement Of Rear Section Of Weil McLain Model 80 Cast Iron Boiler	1,993.59	
23 01 50 61-0037	EA	Removal And Replacement Of Inside Section Of Weil McLain Model 80 Cast Iron Boiler	2,524.56	
23 01 50 61-0038	EA	Removal And Replacement Of Front Section Of Weil McLain Model 88 Cast Iron Boiler	5,341.63	
23 01 50 61-0039	EA	Removal And Replacement Of Rear Section Of Weil McLain Model 88 Cast Iron Boiler	3,919.89	
23 01 50 61-0040	EA	Removal And Replacement Of Inside Section Of Weil McLain Model 88 Cast Iron Boiler	4,601.10	
23 01 50 61-0041	EA	Removal And Replacement Of Front Section Of Weil McLain Model 94 Cast Iron Boiler	8,640.54	
23 01 50 61-0042	EA	Removal And Replacement Of Rear Section Of Weil McLain Model 94 Cast Iron Boiler	6,693.50	
23 01 50 61-0043	EA	Removal And Replacement Of Inside Section Of Weil McLain Model 94 Cast Iron Boiler	7,233.53	

23 01 50 61-0044 Cast Iron Grate Replacement *(23 01 50 61-0001)*

23 01 50 61-0045	SF	Removal And Replacement Of Cast Iron Boiler Grates, Prepared From Casting Mold Note: Includes support, linkages and removal of existing.	149.42	
23 01 50 61-0046	EA	Prepare Cast Iron Boiler Grate Mold Note: Includes preparing unique size mold for grate casting. Mold to be used for multiple castings.	2,233.41	

23 01 50 61-0047 Replacement Or Conversion Of Boiler Burners *(23 01 50 61-0001)*

Note: Includes mounting plate, mechanical and electrical labor for installation of burners.

23 01 50 61-0048	EA	700 MBH Max Input Burner With 2" Boiler Connection, Screwed	10,983.19	1,173.54
		For 12 PPM Burner, Add	*1,813.30*	
23 01 50 61-0049	EA	2,100 MBH Max Input Burner With 2-1/2" Boiler Connection, Screwed	15,878.05	1,452.93
		For 12 PPM Burner, Add	*2,701.00*	
23 01 50 61-0050	EA	2,800 MBH Max Input Burner With 3" Boiler Connection, Screwed	18,749.31	1,760.18
		For 12 PPM Burner, Add	*3,174.85*	
23 01 50 61-0051	EA	3,800 MBH Max Input Burner With 4" Boiler Connection, Flanged	22,139.79	1,894.34
		For 12 PPM Burner, Add	*3,809.14*	

23 01 50 61-0052 Video Inspection Of Boiler Tubing *(23 01 50 61-0001)*

23 01 50 61-0053	EA	Initial Set Up For Boiler Tubing Video Camera Inspection	506.71	
23 01 50 61-0054	LF	Boiler Tubing Inspection	0.61	

23 01 50 61-0055 Boiler And Chiller Water Treatment *(23 01 50 61)*

Note: 3 LB chemical per 50 gallon system water.

23 01 50 61-0056	LB	Boil Out Boiler And System With Caustic Soda Note: Includes disposal after treatment.	1.74	
23 01 50 61-0057	LB	Boil Out Boiler And System With Trisodium Phosphate Note: Includes disposal after treatment.	2.62	
23 01 50 61-0058	GAL	Corrosion Resistant Chemical Treatment, Based On Gallons Of Chemical Required	163.43	

23 01 60 Operation and Maintenance of Central Cooling Equipment *(23 01)*

23 01 60 61 Central Cooling Equipment Repair *(23 01 60)*

23 01 60 61-0001 Cooling Tower Repairs *(23 01 60 61)*

23 01 60 61-0002	EA	Replace 6' Diameter 4 Blade, Cooling Tower Fan Blade	3,608.58	
23 01 60 61-0003	EA	Replace 6' Diameter 5 Blade, Cooling Tower Fan Blade	4,257.81	
23 01 60 61-0004	EA	Replace 6' Diameter 6 Blade, Cooling Tower Fan Blade	4,902.28	
23 01 60 61-0005	EA	Replace 6' Diameter 7 Blade, Cooling Tower Fan Blade	5,795.57	
23 01 60 61-0006	EA	Replace 6' Diameter 8 Blade, Cooling Tower Fan Blade	6,390.30	
23 01 60 61-0007	EA	Replace 8' Diameter 4 Blade, Cooling Tower Fan Blade	3,981.17	
23 01 60 61-0008	EA	Replace 8' Diameter 5 Blade, Cooling Tower Fan Blade	4,436.08	
23 01 60 61-0009	EA	Replace 8' Diameter 6 Blade, Cooling Tower Fan Blade	5,218.00	
23 01 60 61-0010	EA	Replace 8' Diameter 7 Blade, Cooling Tower Fan Blade	5,952.52	
23 01 60 61-0011	EA	Replace 8' Diameter 8 Blade, Cooling Tower Fan Blade	6,561.48	
23 01 60 61-0012	EA	Replace Individual Cooling Tower Fan Blade For 6' Diameter Fan	990.99	
23 01 60 61-0013	EA	Replace Individual Cooling Tower Fan Blade For 8' Diameter Fan	1,028.07	
23 01 60 61-0014	EA	Replace Individual Cooling Tower Fan Blade For 10' Diameter Fan	1,098.34	
23 01 60 61-0015	EA	Replace Individual Cooling Tower Fan Blade For 12' Diameter Fan	1,279.95	
23 01 60 61-0016	EA	Replace Individual Cooling Tower Fan Blade For 14' Diameter Fan	1,587.13	
23 01 60 61-0017	EA	Replace Individual Cooling Tower Fan Blade For 16' Diameter Fan	2,147.86	
23 01 60 61-0018	EA	Replace Individual Cooling Tower Fan Blade For 18' Diameter Fan	2,258.39	
23 01 60 61-0019	EA	Replace Individual Cooling Tower Fan Blade For 20' Diameter Fan	2,424.20	
23 01 60 61-0020	EA	Replace Counterflow Nozzle (1/2" - 2" NPT Thread)	41.92	
23 01 60 61-0021	EA	Replace 6' Polyvinyl Chloride (PVC) Splash Fill	24.97	

23 01 60 71 Refrigerant Recovery/Recycling *(23 01 60)*

23 01 60 71-0001 Refrigerant Recovery, Reclaim And Recycling *(23 01 60 71)*

See CSI section 23 01 60 71-0005 for flushing pipe with nitrogen and vacuum removal of inert gases.

23 01 60 71-0002	LB	Recovery Of Refrigerant	12.64	
23 01 60 71-0003	LB	Recovery And Recharging Of Refrigerant Note: Includes cleaning refrigerant gas prior to recharging.	23.72	
23 01 60 71-0004	LB	Recharging Of Refrigerant Note: Excludes refrigerant filling at time of installation of HVAC or Condenser units. See CSI section 23 23 23 00-0000 for refrigerants.	10.65	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 01 60 71-0005		Flush And Cleaning Of Refrigerant Piping Systems With Nitrogen *(23 01 60 71)* Note: Includes vacuum of nitrogen from pipe.		
23 01 60 71-0006	EA	Up To 100', Up To 5/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	129.29	
23 01 60 71-0007	EA	>100 To 250', Up To 5/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	165.45	
23 01 60 71-0008	EA	>250 To 500', Up To 5/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	208.23	
23 01 60 71-0009	EA	>500 To 1,000', Up To 5/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	267.53	
23 01 60 71-0010	EA	>1,000 To 2,000', Up To 5/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	354.71	
23 01 60 71-0011	LF	>2,000', Up To 5/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	0.20	
23 01 60 71-0012	EA	Up To 100', >5/8" To 1-1/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	177.04	
23 01 60 71-0013	EA	>100 To 250', >5/8" To 1-1/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	226.70	
23 01 60 71-0014	EA	>250 To 500', >5/8" To 1-1/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	285.32	
23 01 60 71-0015	EA	>500 To 1,000', >5/8" To 1-1/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	367.10	
23 01 60 71-0016	EA	>1,000 To 2,000', >5/8" To 1-1/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	487.42	
23 01 60 71-0017	LF	>2,000', >5/8" To 1-1/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	0.27	
23 01 60 71-0018	EA	Up To 100', >1-1/8" To 1-5/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	225.03	
23 01 60 71-0019	EA	>100 To 250', >1-1/8" To 1-5/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	288.41	
23 01 60 71-0020	EA	>250 To 500', >1-1/8" To 1-5/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	363.43	
23 01 60 71-0021	EA	>500 To 1,000', >1-1/8" To 1-5/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	468.21	
23 01 60 71-0022	EA	>1,000 To 2,000', >1-1/8" To 1-5/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	624.12	
23 01 60 71-0023	LF	>2,000', >1-1/8" To 1-5/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	0.35	
23 01 60 71-0024	EA	Up To 100', >1-5/8" To 2-1/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	258.03	
23 01 60 71-0025	EA	>100 To 250', >1-5/8" To 2-1/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	334.14	
23 01 60 71-0026	EA	>250 To 500', >1-5/8" To 2-1/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	424.15	
23 01 60 71-0027	EA	>500 To 1,000', >1-5/8" To 2-1/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	551.08	
23 01 60 71-0028	EA	>1,000 To 2,000', >1-5/8" To 2-1/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	749.80	
23 01 60 71-0029	LF	>2,000', >1-5/8" To 2-1/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	0.41	
23 01 60 71-0030	EA	Up To 100', >2-1/8" To 2-5/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	306.64	
23 01 60 71-0031	EA	>100 To 250', >2-1/8" To 2-5/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	397.50	
23 01 60 71-0032	EA	>250 To 500', >2-1/8" To 2-5/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	551.46	
23 01 60 71-0033	EA	>500 To 1,000', >2-1/8" To 2-5/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	656.57	
23 01 60 71-0034	EA	>1,000 To 2,000', >2-1/8" To 2-5/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	895.20	
23 01 60 71-0035	LF	>2,000', >2-1/8" To 2-5/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	0.48	
23 01 60 71-0036	EA	Up To 100', >2-5/8" To 3-1/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	349.74	
23 01 60 71-0037	EA	>100 To 250', >2-5/8" To 3-1/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	453.68	
23 01 60 71-0038	EA	>250 To 500', >2-5/8" To 3-1/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	576.80	
23 01 60 71-0039	EA	>500 To 1,000', >2-5/8" To 3-1/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	750.94	
23 01 60 71-0040	EA	>1,000 To 2,000', >2-5/8" To 3-1/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	1,026.13	
23 01 60 71-0041	LF	>2,000', >2-5/8" To 3-1/8", Refrigerant Pipe, Clean/Flush/Inerting With Nitrogen	0.56	

23 05 Common Work Results for HVAC *(23)*

23 05 13 Common Motor Requirements for HVAC Equipment *(23 05)*

Note: New equipment includes motor, unless otherwise stated. For use when replacing existing motor.

23 05 13 00-0001		Premium Efficient, Motors *(23 05 13)* Note: New equipment includes motor, unless otherwise stated. For use when replacing existing motor. Excludes installation.		
23 05 13 00-0002		Premium Efficient, Open Drip Proof Motors *(23 05 13 00-0001)* Note: NEMA premium efficiency, open drip proof, three phase AC motors.		
23 05 13 00-0003		Steel Frame, Premium Efficient, Open Drip Proof Motors *(23 05 13 00-0002)*		
23 05 13 00-0004	EA	1 HP, 3,600 RPM, 56 NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	801.49	
23 05 13 00-0005	EA	1 HP, 1,800 RPM, 143T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	907.55	
23 05 13 00-0006	EA	1 HP, 1,200 RPM, 145T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,064.02	
23 05 13 00-0007	EA	1-1/2 HP, 3,600 RPM, 143T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	893.64	
23 05 13 00-0008	EA	1-1/2 HP, 1,800 RPM, 145T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	949.28	
23 05 13 00-0009	EA	1-1/2 HP, 1,200 RPM, 182T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,244.84	
23 05 13 00-0010	EA	2 HP, 3,600 RPM, 145T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,050.11	
23 05 13 00-0011	EA	2 HP, 1,800 RPM, 145T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,017.08	
23 05 13 00-0012	EA	2 HP, 1,200 RPM, 184T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,272.66	
23 05 13 00-0013	EA	3 HP, 3,600 RPM, 182T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,064.02	
23 05 13 00-0014	EA	3 HP, 1,800 RPM, 182T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,097.06	
23 05 13 00-0015	EA	3 HP, 1,200 RPM, 213T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,620.38	
23 05 13 00-0016	EA	5 HP, 3,600 RPM, 184T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,161.38	
23 05 13 00-0017	EA	5 HP, 1,800 RPM, 184T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,201.37	
23 05 13 00-0018	EA	5 HP, 1,200 RPM, 215T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	2,122.83	
23 05 13 00-0019	EA	7-1/2 HP, 3,600 RPM, 213T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,842.92	
23 05 13 00-0020	EA	7-1/2 HP, 1,800 RPM, 213T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,766.42	
23 05 13 00-0021	EA	7-1/2 HP, 1,200 RPM, 254T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	2,545.31	
23 05 13 00-0022	EA	10 HP, 3,600 RPM, 215T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	2,107.18	
23 05 13 00-0023	EA	10 HP, 1,800 RPM, 215T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	2,138.48	
23 05 13 00-0024	EA	10 HP, 1,200 RPM, 256T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	3,312.03	
23 05 13 00-0025	EA	15 HP, 3,600 RPM, 254T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	2,993.87	
23 05 13 00-0026	EA	15 HP, 1,800 RPM, 254T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	3,028.64	
23 05 13 00-0027	EA	15 HP, 1,200 RPM, 284T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	4,466.46	
23 05 13 00-0028	EA	20 HP, 3,600 RPM, 256T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	3,517.19	
23 05 13 00-0029	EA	20 HP, 1,800 RPM, 256T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	3,802.32	
23 05 13 00-0030	EA	20 HP, 1,200 RPM, 286T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	5,436.60	
23 05 13 00-0031	EA	25 HP, 3,600 RPM, 284TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	4,223.06	
23 05 13 00-0032	EA	25 HP, 1,800 RPM, 284T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	4,635.11	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 13 00-0033	EA	25 HP, 1,200 RPM, 324T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	6,566.69	
23 05 13 00-0034	EA	30 HP, 3,600 RPM, 286TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	4,982.83	
23 05 13 00-0035	EA	30 HP, 1,800 RPM, 286T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	5,068.02	
23 05 13 00-0036	EA	30 HP, 1,200 RPM, 326T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	6,850.08	
23 05 13 00-0037	EA	40 HP, 3,600 RPM, 324TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	6,420.65	
23 05 13 00-0038	EA	40 HP, 1,800 RPM, 324T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	6,611.90	
23 05 13 00-0039	EA	50 HP, 3,600 RPM, 326TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	6,992.65	
23 05 13 00-0040	EA	50 HP, 1,800 RPM, 326T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	7,296.90	
23 05 13 00-0041	EA	60 HP, 3,600 RPM, 364TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	8,847.74	
23 05 13 00-0042	EA	60 HP, 1,800 RPM, 364T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	9,186.76	
23 05 13 00-0043	EA	75 HP, 3,600 RPM, 365TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	11,606.89	
23 05 13 00-0044	EA	75 HP, 1,800 RPM, 365T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	11,276.56	
23 05 13 00-0045	EA	100 HP, 3,600 RPM, 365TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	12,406.65	
23 05 13 00-0046	EA	100 HP, 1,800 RPM, 404T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	13,119.48	
23 05 13 00-0047	EA	125 HP, 3,600 RPM, 404TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	15,570.90	
23 05 13 00-0048	EA	125 HP, 1,800 RPM, 405T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	16,094.22	
23 05 13 00-0049	EA	150 HP, 3,600 RPM, 405TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	19,208.05	
23 05 13 00-0050		**Cast Iron Frame, Premium Efficient, Open Drip Proof Motors** *(23 05 13 00-0002)*		
23 05 13 00-0051	EA	40 HP, 1,200 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	9,758.76	
23 05 13 00-0052	EA	50 HP, 1,200 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	11,813.79	
23 05 13 00-0053	EA	60 HP, 1,200 RPM, 404T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	14,998.90	
23 05 13 00-0054	EA	75 HP, 1,200 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	16,699.25	
23 05 13 00-0055	EA	100 HP, 1,200 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	18,380.48	
23 05 13 00-0056	EA	125 HP, 1,200 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	19,849.60	
23 05 13 00-0057	EA	150 HP, 1,800 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	17,878.02	
23 05 13 00-0058	EA	150 HP, 1,200 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	23,377.22	
23 05 13 00-0059	EA	200 HP, 3,600 RPM, 444TS NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	21,767.27	
23 05 13 00-0060	EA	200 HP, 1,800 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	22,341.01	
23 05 13 00-0061	EA	200 HP, 1,200 RPM, 447T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	30,729.76	
23 05 13 00-0062		**Premium Efficient, TEFC Motors** *(23 05 13 00-0001)*		
		Note: NEMA premium efficiency, totally enclosed fan cooled, three phase AC motors.		
23 05 13 00-0063		**Steel Frame, Premium Efficient, TEFC Motors** *(23 05 13 00-0062)*		
23 05 13 00-0064	EA	1 HP, 3,600 RPM, 56 NEMA Steel Frame, Premium Efficient, TEFC Motor	937.11	
23 05 13 00-0065	EA	1 HP, 1,800 RPM, 143T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,032.73	
23 05 13 00-0066	EA	1 HP, 1,200 RPM, 145T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,229.19	
23 05 13 00-0067	EA	1-1/2 HP, 3,600 RPM, 143T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,062.28	
23 05 13 00-0068	EA	1-1/2 HP, 1,800 RPM, 145T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,072.72	
23 05 13 00-0069	EA	2 HP, 3,600 RPM, 145T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,163.12	
23 05 13 00-0070	EA	2 HP, 1,800 RPM, 145T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,112.70	
23 05 13 00-0071	EA	3 HP, 3,600 RPM, 182T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,290.04	
23 05 13 00-0072	EA	3 HP, 1,800 RPM, 182T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,229.19	
23 05 13 00-0073	EA	3 HP, 1,200 RPM, 213T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,973.31	
23 05 13 00-0074	EA	5 HP, 3,600 RPM, 184T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,430.87	
23 05 13 00-0075	EA	5 HP, 1,800 RPM, 184T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,345.68	
23 05 13 00-0076	EA	5 HP, 1,200 RPM, 215T NEMA Steel Frame, Premium Efficient, TEFC Motor	2,228.89	
23 05 13 00-0077	EA	7-1/2 HP, 3,600 RPM, 213T NEMA Steel Frame, Premium Efficient, TEFC Motor	2,143.69	
23 05 13 00-0078	EA	7-1/2 HP, 1,800 RPM, 213T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,940.28	
23 05 13 00-0079	EA	10 HP, 3,600 RPM, 215T NEMA Steel Frame, Premium Efficient, TEFC Motor	2,173.25	
23 05 13 00-0080	EA	10 HP, 1,800 RPM, 215T NEMA Steel Frame, Premium Efficient, TEFC Motor	2,190.64	
23 05 13 00-0081		**Cast Iron Frame, Premium Efficient, TEFC Motors** *(23 05 13 00-0062)*		
23 05 13 00-0082	EA	1 HP, 1,800 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,336.98	
23 05 13 00-0083	EA	1 HP, 1,200 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,496.93	
23 05 13 00-0084	EA	1-1/2 HP, 3,600 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,411.74	
23 05 13 00-0085	EA	1-1/2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,385.66	
23 05 13 00-0086	EA	1-1/2 HP, 1,200 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,782.06	
23 05 13 00-0087	EA	2 HP, 3,600 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,484.76	
23 05 13 00-0088	EA	2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,451.73	
23 05 13 00-0089	EA	2 HP, 1,200 RPM, 184T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,809.88	
23 05 13 00-0090	EA	3 HP, 3,600 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,602.99	
23 05 13 00-0091	EA	3 HP, 1,800 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,648.19	
23 05 13 00-0092	EA	3 HP, 1,200 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	2,254.96	
23 05 13 00-0093	EA	5 HP, 3,600 RPM, 184T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,973.31	
23 05 13 00-0094	EA	5 HP, 1,800 RPM, 184T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,649.93	
23 05 13 00-0095	EA	5 HP, 1,200 RPM, 215T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	2,616.59	
23 05 13 00-0096	EA	7-1/2 HP, 3,600 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	2,284.52	
23 05 13 00-0097	EA	7-1/2 HP, 1,800 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	2,201.07	
23 05 13 00-0098	EA	7-1/2 HP, 1,200 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	3,731.04	
23 05 13 00-0099	EA	10 HP, 3,600 RPM, 215T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	2,677.44	
23 05 13 00-0100	EA	10 HP, 1,800 RPM, 215T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	2,468.81	
23 05 13 00-0101	EA	10 HP, 1,200 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	4,259.57	
23 05 13 00-0102	EA	15 HP, 3,600 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	3,689.31	
23 05 13 00-0103	EA	15 HP, 1,800 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	3,376.36	
23 05 13 00-0104	EA	15 HP, 1,200 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	5,681.74	
23 05 13 00-0105	EA	20 HP, 3,600 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	4,049.20	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 13 00-0106	EA	20 HP, 1,800 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	4,094.40	
23 05 13 00-0107	EA	20 HP, 1,200 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	7,564.65	
23 05 13 00-0108	EA	25 HP, 3,600 RPM, 284TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	5,283.61	
23 05 13 00-0109	EA	25 HP, 1,800 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	5,354.89	
23 05 13 00-0110	EA	25 HP, 1,200 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	8,559.13	
23 05 13 00-0111	EA	30 HP, 3,600 RPM, 286TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	6,278.08	
23 05 13 00-0112	EA	30 HP, 1,800 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	6,352.84	
23 05 13 00-0113	EA	30 HP, 1,200 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	9,887.42	
23 05 13 00-0114	EA	40 HP, 3,600 RPM, 324TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	8,606.07	
23 05 13 00-0115	EA	40 HP, 1,800 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	8,307.03	
23 05 13 00-0116	EA	40 HP, 1,200 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	12,321.46	
23 05 13 00-0117	EA	50 HP, 3,600 RPM, 326TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	9,414.52	
23 05 13 00-0118	EA	50 HP, 1,800 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	9,078.97	
23 05 13 00-0119	EA	50 HP, 1,200 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	14,889.37	
23 05 13 00-0120	EA	60 HP, 3,600 RPM, 364TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	13,225.53	
23 05 13 00-0121	EA	60 HP, 1,800 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	13,063.84	
23 05 13 00-0122	EA	60 HP, 1,200 RPM, 404T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	18,072.75	
23 05 13 00-0123	EA	75 HP, 3,600 RPM, 365TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	15,386.61	
23 05 13 00-0124	EA	75 HP, 1,800 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	15,275.34	
23 05 13 00-0125	EA	75 HP, 1,200 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	21,045.75	
23 05 13 00-0126	EA	100 HP, 1,800 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	18,969.86	
23 05 13 00-0127	EA	125 HP, 1,800 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	23,485.01	
23 05 13 00-0128	EA	150 HP, 1,800 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	27,014.37	
23 05 13 00-0129	EA	200 HP, 1,800 RPM, 447T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	33,951.38	

23 05 13 00-0130 Premium Efficient, Severe Duty Motors *(23 05 13 00-0001)*

Note: NEMA premium efficiency, TEFC enclosure severe duty, three phase AC motors.

23 05 13 00-0131	EA	1 HP, 3,600 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,389.14	
23 05 13 00-0132	EA	1 HP, 1,800 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,526.49	
23 05 13 00-0133	EA	1 HP, 1,200 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,686.44	
23 05 13 00-0134	EA	1 HP, 900 RPM, L182T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,369.71	
23 05 13 00-0135	EA	1-1/2 HP, 3,600 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,580.39	
23 05 13 00-0136	EA	1-1/2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,556.05	
23 05 13 00-0137	EA	1-1/2 HP, 1,200 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,973.31	
23 05 13 00-0138	EA	1-1/2 HP, 900 RPM, L184T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,948.67	
23 05 13 00-0139	EA	2 HP, 3,600 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,653.41	
23 05 13 00-0140	EA	2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,623.85	
23 05 13 00-0141	EA	2 HP, 1,200 RPM, L184T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,999.39	
23 05 13 00-0142	EA	2 HP, 900 RPM, L213T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	3,718.87	
23 05 13 00-0143	EA	3 HP, 3,600 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,955.92	
23 05 13 00-0144	EA	3 HP, 1,800 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,055.03	
23 05 13 00-0145	EA	3 HP, 1,200 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,886.08	
23 05 13 00-0146	EA	3 HP, 900 RPM, L215T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	4,033.55	
23 05 13 00-0147	EA	5 HP, 3,600 RPM, 184T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,406.22	
23 05 13 00-0148	EA	5 HP, 1,800 RPM, L184T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,091.54	
23 05 13 00-0149	EA	5 HP, 1,200 RPM, L215T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,924.33	
23 05 13 00-0150	EA	5 HP, 900 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	6,420.65	
23 05 13 00-0151	EA	7-1/2 HP, 3,600 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	3,139.91	
23 05 13 00-0152	EA	7-1/2 HP, 1,800 RPM, L213T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,633.98	
23 05 13 00-0153	EA	7-1/2 HP, 1,200 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	4,184.81	
23 05 13 00-0154	EA	7-1/2 HP, 900 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	7,342.11	
23 05 13 00-0155	EA	10 HP, 3,600 RPM, 215T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	3,343.33	
23 05 13 00-0156	EA	10 HP, 1,800 RPM, L215T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	3,153.82	
23 05 13 00-0157	EA	10 HP, 1,200 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	5,436.60	
23 05 13 00-0158	EA	10 HP, 900 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	8,564.34	
23 05 13 00-0159	EA	15 HP, 3,600 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	4,276.96	
23 05 13 00-0160	EA	15 HP, 1,800 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	4,017.90	
23 05 13 00-0161	EA	15 HP, 1,200 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	6,232.88	
23 05 13 00-0162	EA	15 HP, 900 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	11,433.03	
23 05 13 00-0163	EA	20 HP, 3,600 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	4,989.78	
23 05 13 00-0164	EA	20 HP, 1,800 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	4,309.99	
23 05 13 00-0165	EA	20 HP, 1,200 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	8,468.72	
23 05 13 00-0166	EA	20 HP, 900 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	13,034.28	
23 05 13 00-0167	EA	25 HP, 3,600 RPM, 284TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	5,996.43	
23 05 13 00-0168	EA	25 HP, 1,800 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	5,640.02	
23 05 13 00-0169	EA	25 HP, 1,200 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	8,849.47	
23 05 13 00-0170	EA	30 HP, 3,600 RPM, 286TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	7,310.81	
23 05 13 00-0171	EA	30 HP, 1,800 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	6,697.09	
23 05 13 00-0172	EA	30 HP, 1,200 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	11,408.69	
23 05 13 00-0173	EA	40 HP, 3,600 RPM, 324TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	10,043.89	
23 05 13 00-0174	EA	40 HP, 1,800 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	8,762.54	
23 05 13 00-0175	EA	40 HP, 1,200 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	14,220.01	
23 05 13 00-0176	EA	50 HP, 3,600 RPM, 326TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	10,525.48	
23 05 13 00-0177	EA	50 HP, 1,800 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	10,285.56	
23 05 13 00-0178	EA	50 HP, 1,200 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	15,146.68	
23 05 13 00-0179	EA	60 HP, 3,600 RPM, 364TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	15,275.34	
23 05 13 00-0180	EA	60 HP, 1,800 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	13,785.36	
23 05 13 00-0181	EA	60 HP, 1,200 RPM, 404T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	20,689.34	
23 05 13 00-0182	EA	75 HP, 3,600 RPM, 365TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	17,076.53	
23 05 13 00-0183	EA	75 HP, 1,800 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	16,108.13	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 13 00-0184	EA	75 HP, 1,200 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	25,180.14	
23 05 13 00-0185	EA	100 HP, 3,600 RPM, 405TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	21,464.76	
23 05 13 00-0186	EA	100 HP, 1,800 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	21,144.85	
23 05 13 00-0187	EA	100 HP, 1,200 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	27,695.90	
23 05 13 00-0188	EA	125 HP, 3,600 RPM, 444TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	25,221.87	
23 05 13 00-0189	EA	125 HP, 1,800 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	24,997.59	
23 05 13 00-0190	EA	125 HP, 1,200 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	31,287.85	
23 05 13 00-0191	EA	150 HP, 3,600 RPM, 445TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	29,568.37	
23 05 13 00-0192	EA	150 HP, 1,800 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	29,284.98	
23 05 13 00-0193	EA	150 HP, 1,200 RPM, 447T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	35,276.19	
23 05 13 00-0194	EA	200 HP, 3,600 RPM, 447TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	35,013.67	
23 05 13 00-0195	EA	200 HP, 1,800 RPM, 447T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	35,229.25	
23 05 13 00-0196	EA	200 HP, 1,200 RPM, 449T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	46,208.51	
23 05 13 00-0197		**Premium Efficient, Explosion Proof Motors** *(23 05 13 00-0001)*		
		Note: NEMA premium efficiency, explosion proof, three phase AC motors.		
23 05 13 00-0198	EA	1 HP, 1,800 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	1,853.35	
23 05 13 00-0199	EA	1-1/2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	1,919.41	
23 05 13 00-0200	EA	2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	2,093.27	
23 05 13 00-0201	EA	3 HP, 1,800 RPM, L182T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	2,587.04	
23 05 13 00-0202	EA	5 HP, 1,800 RPM, L184T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	2,868.69	
23 05 13 00-0203	EA	7-1/2 HP, 1,800 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	3,953.58	
23 05 13 00-0204	EA	10 HP, 1,800 RPM, L215T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	4,035.29	
23 05 13 00-0205	EA	15 HP, 1,800 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	5,462.68	
23 05 13 00-0206	EA	20 HP, 1,800 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	6,227.67	
23 05 13 00-0207	EA	25 HP, 1,800 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	8,181.85	
23 05 13 00-0208	EA	30 HP, 1,800 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	9,183.29	
23 05 13 00-0209	EA	40 HP, 1,800 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	12,008.51	
23 05 13 00-0210	EA	50 HP, 1,800 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	13,524.57	
23 05 13 00-0211	EA	60 HP, 1,800 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	18,919.45	
23 05 13 00-0212	EA	75 HP, 1,800 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	22,210.62	
23 05 13 00-0213	EA	100 HP, 1,800 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	27,056.09	
23 05 13 00-0214	EA	125 HP, 1,800 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	35,363.12	
23 05 13 00-0215	EA	150 HP, 1,800 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	40,349.43	
23 05 13 00-0216		**Motor Mounting** *(23 05 13)*		
		Note: Includes handling and motor installation on mounting base. Excludes mounting base.		
23 05 13 00-0217	EA	1/2 HP Motor Mounting	201.72	102.63
23 05 13 00-0218	EA	3/4 HP Motor Mounting	232.42	128.30
23 05 13 00-0219	EA	1 HP Motor Mounting	248.64	128.30
23 05 13 00-0220	EA	1-1/2 HP Motor Mounting	267.28	128.30
23 05 13 00-0221	EA	2 HP Motor Mounting	288.95	153.95
23 05 13 00-0222	EA	3 HP Motor Mounting	334.11	153.95
23 05 13 00-0223	EA	5 HP Motor Mounting	395.98	256.60
23 05 13 00-0224	EA	7-1/2 HP Motor Mounting	509.11	256.60
23 05 13 00-0225	EA	10 HP Motor Mounting	668.21	449.04
23 05 13 00-0226	EA	15 HP Motor Mounting	822.41	449.04
23 05 13 00-0227	EA	20 HP Motor Mounting	971.94	641.48
23 05 13 00-0228	EA	25 HP Motor Mounting	1,102.20	641.48
23 05 13 00-0229	EA	30 HP Motor Mounting	1,336.41	641.48
23 05 13 00-0230	EA	40 HP Motor Mounting	1,505.81	962.22
23 05 13 00-0231	EA	50 HP Motor Mounting	1,670.52	962.22
23 05 13 00-0232	EA	75 HP Motor Mounting	2,017.23	1,411.26
23 05 13 00-0233	EA	100 HP Motor Mounting	2,429.84	1,411.26
23 05 13 00-0234	EA	125 HP Motor Mounting	2,969.81	1,924.44
23 05 13 00-0235	EA	150 HP Motor Mounting	3,448.81	1,924.44
23 05 13 00-0236	EA	200 HP Motor Mounting	3,959.75	2,309.32

23 05 16 Expansion Fittings and Loops for HVAC Piping *(23 05)*

23 05 16 00-0001 **Stainless Steel Bellows Type Expansion Joints** *(23 05 16)*

Note: Includes internal sleeves and external covers.

23 05 16 00-0002 **Threaded, 150 Lb., Stainless Steel Bellows Type Expansion Joints** *(23 05 16 00-0001)*

Note: Carbon steel ends. Includes internal sleeves and external covers.

23 05 16 00-0003	EA	1/2" Threaded, 150 Lb., Stainless Steel Bellows Type Expansion Joint	232.56	96.40
		For 300 Lb. Rating, Add	*9.92*	
23 05 16 00-0004	EA	3/4" Threaded, 150 Lb., Stainless Steel Bellows Type Expansion Joint	260.75	108.72
		For 300 Lb. Rating, Add	*10.86*	
23 05 16 00-0005	EA	1" Threaded, 150 Lb., Stainless Steel Bellows Type Expansion Joint	305.82	124.62
		For 300 Lb. Rating, Add	*14.16*	
23 05 16 00-0006	EA	1-1/4" Threaded, 150 Lb., Stainless Steel Bellows Type Expansion Joint	345.88	139.10
		For 300 Lb. Rating, Add	*17.00*	
23 05 16 00-0007	EA	1-1/2" Threaded, 150 Lb., Stainless Steel Bellows Type Expansion Joint	374.51	149.50
		For 300 Lb. Rating, Add	*18.88*	
23 05 16 00-0008	EA	2" Threaded, 150 Lb., Stainless Steel Bellows Type Expansion Joint	431.05	175.93
		For 300 Lb. Rating, Add	*19.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 16 00-0009		Flanged, 150 Lb., Stainless Steel Bellows Type Expansion Joints *(23 05 16 00-0001)*		
		Note: Carbon steel ends. Includes internal sleeves and external covers.		
23 05 16 00-0010	EA	1-1/4" Flanged, 150 Lb., Stainless Steel Bellows Type Expansion Joint	581.46	96.38
		For 300 Lb. Rating, Add	*115.43*	
23 05 16 00-0011	EA	1-1/2" Flanged, 150 Lb., Stainless Steel Bellows Type Expansion Joint	636.85	115.66
		For 300 Lb. Rating, Add	*122.98*	
23 05 16 00-0012	EA	2" Flanged, 150 Lb., Stainless Steel Bellows Type Expansion Joint	675.59	146.83
		For 300 Lb. Rating, Add	*123.00*	
23 05 16 00-0013	EA	2-1/2" Flanged, 150 Lb., Stainless Steel Bellows Type Expansion Joint	728.73	159.72
		For 300 Lb. Rating, Add	*132.12*	
23 05 16 00-0014	EA	3" Flanged, 150 Lb., Stainless Steel Bellows Type Expansion Joint	805.42	187.26
		For 300 Lb. Rating, Add	*142.77*	
23 05 16 00-0015	EA	4" Flanged, 150 Lb., Stainless Steel Bellows Type Expansion Joint	1,009.37	313.92
		For 300 Lb. Rating, Add	*154.00*	
23 05 16 00-0016	EA	5" Flanged, 150 Lb., Stainless Steel Bellows Type Expansion Joint	1,346.94	343.34
		For 300 Lb. Rating, Add	*229.61*	
23 05 16 00-0017	EA	6" Flanged, 150 Lb., Stainless Steel Bellows Type Expansion Joint	1,265.12	381.50
		For 300 Lb. Rating, Add	*196.64*	
23 05 16 00-0018	EA	8" Flanged, 150 Lb., Stainless Steel Bellows Type Expansion Joint	1,625.06	487.46
		For 300 Lb. Rating, Add	*254.88*	
23 05 16 00-0019	EA	10" Flanged, 150 Lb., Stainless Steel Bellows Type Expansion Joint	2,060.58	593.43
		For 300 Lb. Rating, Add	*329.70*	
23 05 16 00-0020	EA	12" Flanged, 150 Lb., Stainless Steel Bellows Type Expansion Joint	2,689.03	449.52
		For 300 Lb. Rating, Add	*447.20*	
23 05 16 00-0021		Butt Weld, 150 Lb., Stainless Steel Bellows Type Expansion Joints *(23 05 16 00-0001)*		
		Note: Carbon steel ends. Includes internal sleeves and external covers.		
23 05 16 00-0022	EA	1-1/4" Butt Weld, 150 Lb., Stainless Steel Bellows Type Expansion Joint	635.13	132.18
		For 300 Lb. Rating, Add	*92.72*	
23 05 16 00-0023	EA	1-1/2" Butt Weld, 150 Lb., Stainless Steel Bellows Type Expansion Joint	661.69	133.28
		For 300 Lb. Rating, Add	*98.78*	
23 05 16 00-0024	EA	2" Butt Weld, 150 Lb., Stainless Steel Bellows Type Expansion Joint	670.83	137.69
		For 300 Lb. Rating, Add	*98.80*	
23 05 16 00-0025	EA	2-1/2" Butt Weld, 150 Lb., Stainless Steel Bellows Type Expansion Joint	725.09	150.13
		For 300 Lb. Rating, Add	*106.12*	
23 05 16 00-0026	EA	3" Butt Weld, 150 Lb., Stainless Steel Bellows Type Expansion Joint	813.10	176.56
		For 300 Lb. Rating, Add	*114.90*	
23 05 16 00-0027	EA	4" Butt Weld, 150 Lb., Stainless Steel Bellows Type Expansion Joint	1,197.23	351.60
		For 300 Lb. Rating, Add	*123.69*	
23 05 16 00-0028	EA	5" Butt Weld, 150 Lb., Stainless Steel Bellows Type Expansion Joint	1,453.67	358.92
		For 300 Lb. Rating, Add	*184.42*	
23 05 16 00-0029	EA	6" Butt Weld, 150 Lb., Stainless Steel Bellows Type Expansion Joint	1,425.95	397.39
		For 300 Lb. Rating, Add	*157.94*	
23 05 16 00-0030	EA	8" Butt Weld, 150 Lb., Stainless Steel Bellows Type Expansion Joint	1,725.70	454.08
		For 300 Lb. Rating, Add	*204.72*	
23 05 16 00-0031	EA	10" Butt Weld, 150 Lb., Stainless Steel Bellows Type Expansion Joint	2,169.71	556.34
		For 300 Lb. Rating, Add	*264.81*	
23 05 16 00-0032	EA	12" Butt Weld, 150 Lb., Stainless Steel Bellows Type Expansion Joint	2,785.47	674.39
		For 300 Lb. Rating, Add	*359.19*	

23 05 17 Sleeves and Sleeve Seals for HVAC Piping *(23 05)*

23 05 17 00-0001		Wall Seals And Sleeves *(23 05 17)*		
		Note: Up to 12" walls. Excludes drilling hole.		
23 05 17 00-0002		Ductile Iron Wall Sleeve *(23 05 17 00-0001)*		
		Note: Includes rubber gasket seal.		
23 05 17 00-0003	EA	3" Ductile Iron Wall Sleeve With Rubber Gasket Seal	176.88	52.40
23 05 17 00-0004	EA	4" Ductile Iron Wall Sleeve With Rubber Gasket Seal	231.91	61.21
23 05 17 00-0005	EA	6" Ductile Iron Wall Sleeve With Rubber Gasket Seal	288.88	73.43
23 05 17 00-0006	EA	8" Ductile Iron Wall Sleeve With Rubber Gasket Seal	387.38	110.09
23 05 17 00-0007	EA	10" Ductile Iron Wall Sleeve With Rubber Gasket Seal	478.01	146.75
23 05 17 00-0008	EA	12" Ductile Iron Wall Sleeve With Rubber Gasket Seal	579.48	183.52
23 05 17 00-0009		Steel Pipe Sleeves *(23 05 17 00-0001)*		
		Note: Includes link seals 12" length.		
23 05 17 00-0010	EA	2" Steel Pipe Sleeve With Link Seals	153.88	53.16
23 05 17 00-0011	EA	2-1/2" Steel Pipe Sleeve With Link Seals	192.93	57.63
23 05 17 00-0012	EA	3" Steel Pipe Sleeve With Link Seals	229.89	62.10
23 05 17 00-0013	EA	4" Steel Pipe Sleeve With Link Seals	285.54	74.49
23 05 17 00-0014	EA	6" Steel Pipe Sleeve With Link Seals	419.47	93.04
23 05 17 00-0015	EA	10" Steel Pipe Sleeve With Link Seals	831.53	111.69
23 05 17 00-0016	EA	13-1/4" Inside Diameter Steel Pipe Sleeve With Link Seals	985.56	139.61
23 05 17 00-0017	EA	17-1/4" Inside Diameter Steel Pipe Sleeve With Link Seals	1,330.20	171.77
23 05 17 00-0018	EA	23-1/4" Inside Diameter Steel Pipe Sleeve With Link Seals	1,845.26	223.37
23 05 17 00-0019	EA	29-1/4" Inside Diameter Steel Pipe Sleeve With Link Seals	2,677.97	279.22

23 05 19 Meters and Gages for HVAC Piping *(23 05)*

See CSI section 33 19 00 00-0000 for water utility service metering.

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 19 00-0001		Thermometers *(23 05 19)*		
23 05 19 00-0002		Dial Type, Bi-Metal, 4" To 9" Stem, Steel Case, Brass Stem, Thermometers *(23 05 19 00-0001)* Note: Various ranges.		
23 05 19 00-0003	EA	2" Diameter Dial, Bi-Metal, 4" To 9" Stem, Steel Case, Brass Stem, Thermometer	114.97	38.27
23 05 19 00-0004	EA	2-1/2" Diameter Dial, Bi-Metal, 4" To 9" Stem, Steel Case, Brass Stem, Thermometer	134.21	38.27
23 05 19 00-0005	EA	3-1/2" Diameter Dial, Bi-Metal, 4" To 9" Stem, Steel Case, Brass Stem, Thermometer	134.21	38.27
23 05 19 00-0006		Liquid Filled Industrial Union Connection Type Thermometers *(23 05 19 00-0001)* Note: Various ranges.		
23 05 19 00-0007	EA	7" Scale, Angle Stem, Liquid Filled Industrial Union Connection Type Thermometer	153.45	38.27
23 05 19 00-0008	EA	9" Scale, Angle Stem, Liquid Filled Industrial Union Connection Type Thermometer	153.45	38.27
23 05 19 00-0009	EA	12" Scale, Angle Stem, Liquid Filled Industrial Union Connection Type Thermometer	193.67	38.27
23 05 19 00-0010	EA	7" Scale, Straight Stem, Liquid Filled Industrial Union Connection Type Thermometer	158.70	38.27
23 05 19 00-0011	EA	9" Scale, Straight Stem, Liquid Filled Industrial Union Connection Type Thermometer	167.44	38.27
23 05 19 00-0012	EA	12" Scale, Straight Stem, Liquid Filled Industrial Union Connection Type Thermometer	198.92	38.27
23 05 19 00-0013		Liquid Filled Industrial Separable Socket Type Thermometers *(23 05 19 00-0001)* Note: Various ranges. Socket connection for thermowell.		
23 05 19 00-0014	EA	7" Scale, Angle Stem, Liquid Filled Industrial Separable Socket Type Thermometer	153.45	38.27
23 05 19 00-0015	EA	9" Scale, Angle Stem, Liquid Filled Industrial Separable Socket Type Thermometer	153.45	38.27
23 05 19 00-0016	EA	12" Scale, Angle Stem, Liquid Filled Industrial Separable Socket Type Thermometer	193.67	38.27
23 05 19 00-0017	EA	7" Scale, Straight Stem, Liquid Filled Industrial Separable Socket Type Thermometer	176.18	38.27
23 05 19 00-0018	EA	9" Scale, Straight Stem, Liquid Filled Industrial Separable Socket Type Thermometer	193.67	38.27
23 05 19 00-0019	EA	12" Scale, Straight Stem, Liquid Filled Industrial Separable Socket Type Thermometer	198.13	38.27
23 05 19 00-0020		1" NPT, 304 Stainless Steel Thermowells *(23 05 19 00-0001)*		
23 05 19 00-0021	EA	4" Long, 1" NPT, 304 Stainless Steel Thermowell	194.40	71.76
23 05 19 00-0022	EA	8" Long, 1" NPT, 304 Stainless Steel Thermowell	194.31	71.76
23 05 19 00-0023		Pressure Gauges *(23 05 19)*		
23 05 19 00-0024		Steel Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauges *(23 05 19 00-0023)*		
23 05 19 00-0025	EA	2" Diameter Dial, Steel Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge	41.09	14.95
23 05 19 00-0026	EA	4" Diameter Dial, Steel Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge	51.41	14.95
23 05 19 00-0027		Aluminum Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauges *(23 05 19 00-0023)*		
23 05 19 00-0028	EA	3-1/2" Diameter Dial, Aluminum Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge	310.62	14.95
23 05 19 00-0029	EA	4-1/2" Diameter Dial, Aluminum Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge	310.62	14.95
23 05 19 00-0030	EA	6" Diameter Dial, Aluminum Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge	405.96	14.95
23 05 19 00-0031	EA	8-1/2" Diameter Dial, Aluminum Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge	967.40	14.95
23 05 19 00-0032		Brass Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauges *(23 05 19 00-0023)* Note: Liquid filled.		
23 05 19 00-0033	EA	2-1/2" Diameter Dial, Brass Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge	150.89	14.95
23 05 19 00-0034	EA	4" Diameter Dial, Brass Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge	344.37	14.95
23 05 19 00-0035		Steel Case, 0 To 10K PSI High Pressure, Pressure Gauges *(23 05 19 00-0023)*		
23 05 19 00-0036	EA	4-1/2" Diameter Dial, Steel Case, 0 To 10K PSI High Pressure, Pressure Gauge	342.95	14.95
23 05 19 00-0037	EA	6-1/2" Diameter Dial, Steel Case, 0 To 10K PSI High Pressure, Pressure Gauge	342.95	14.95
23 05 19 00-0038	EA	8-1/2" Diameter Dial, Steel Case, 0 To 10K PSI High Pressure, Pressure Gauge	342.95	14.95
23 05 19 00-0039		Gauge Accessories *(23 05 19 00-0023)*		
23 05 19 00-0040	EA	Pete's Plug (Valve Cock For Removable Pressure Gauge Or Thermometer)	97.78	11.96
23 05 19 00-0041	EA	1/4" Snubber Valve	59.06	11.96
23 05 19 00-0042	EA	1/4" Female Pipe Thread, Brass Gauge Cock	36.96	17.94
23 05 19 00-0043	EA	1/4" Male Pipe Thread, Brass Gauge Cock	31.56	17.94
23 05 19 00-0044	EA	1/4" Pressure Pigtail Steam Siphon	38.55	17.94
23 05 19 00-0045	EA	1/4" x 3" Long Black Steel Nipple	7.73	5.98
23 05 19 00-0046	EA	1/4" Steel Thread-O-Let	68.64	29.90
23 05 19 00-0047	EA	1/4", 300 Lb., Black Steel Union	65.19	11.96
23 05 19 00-0048	EA	1/4" Black Steel Coupling	25.45	11.96
23 05 19 00-0049	EA	1/4", 300 Lb., Black Steel Plug	14.70	7.18
23 05 19 00-0050	EA	1/4", 150 Lb., Black Steel Cap	15.21	7.18
23 05 19 00-0051	LF	1/4" Schedule 40, Threaded And Coupled, Black Steel Pipe	9.78	3.95
23 05 19 00-0052	LF	1/4" Schedule 80, Plain End, Black Steel Pipe	9.00	3.95
23 05 19 00-0053	LF	1/4" Schedule 40, Threaded And Coupled, Galvanized Steel Pipe	9.21	
23 05 19 00-0054	EA	1/4" Threaded, 800 Lb., Forged Steel, Ball Valve	120.14	
23 05 19 00-0055		Valve Lock Covers *(23 05 19)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 19 00-0056	EA	Valve Lock Cover	90.62	18.30
23 05 19 00-0057		Sight Flow Indicator *(23 05 19)*		
23 05 19 00-0058		Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator *(23 05 19 00-0057)*		
23 05 19 00-0059	EA	1/4" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	177.49	17.41
23 05 19 00-0060	EA	3/8" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	185.37	18.32
23 05 19 00-0061	EA	1/2" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	200.60	19.25
23 05 19 00-0062	EA	3/4" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	223.68	25.94
23 05 19 00-0063	EA	1" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	267.28	31.44
23 05 19 00-0064	EA	1-1/4" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	302.19	39.81
23 05 19 00-0065	EA	1-1/2" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	430.53	46.02
23 05 19 00-0066	EA	2" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	476.27	54.40
23 05 19 00-0067		Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator *(23 05 19 00-0057)*		
23 05 19 00-0068	EA	1/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	231.90	17.41
23 05 19 00-0069	EA	3/8" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	238.57	18.32
23 05 19 00-0070	EA	1/2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	257.43	19.25
23 05 19 00-0071	EA	3/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	272.05	25.94
23 05 19 00-0072	EA	1" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	287.83	31.44
23 05 19 00-0073	EA	1-1/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	310.66	39.81
23 05 19 00-0074	EA	1-1/2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	594.98	46.02
23 05 19 00-0075	EA	2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	635.88	54.40
23 05 19 00-0076		Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator *(23 05 19 00-0057)*		
23 05 19 00-0077	EA	1/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	337.10	17.41
23 05 19 00-0078	EA	3/8" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	355.86	18.32
23 05 19 00-0079	EA	1/2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	386.81	19.25
23 05 19 00-0080	EA	3/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	419.56	25.94
23 05 19 00-0081	EA	1" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	481.30	31.44
23 05 19 00-0082	EA	1-1/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	507.75	39.81
23 05 19 00-0083	EA	1-1/2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	1,030.27	46.02
23 05 19 00-0084	EA	2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	1,083.26	54.40
23 05 19 00-0085		Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicators *(23 05 19 00-0057)*		
23 05 19 00-0086	EA	1/4" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360)	228.27	17.41
23 05 19 00-0087	EA	3/8" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360)	237.36	18.32
23 05 19 00-0088	EA	1/2" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360)	251.38	19.25
23 05 19 00-0089	EA	3/4" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360)	270.84	25.94
23 05 19 00-0090	EA	1" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360)	286.62	31.44
23 05 19 00-0091	EA	1-1/4" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360)	310.66	39.81
23 05 19 00-0092	EA	1-1/2" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360)	587.72	46.02
23 05 19 00-0093	EA	2" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360)	626.21	54.40
23 05 19 00-0094		Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicators *(23 05 19 00-0057)*		
23 05 19 00-0095	EA	1/4" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS)	334.68	17.41
23 05 19 00-0096	EA	3/8" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS)	360.69	18.32

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 19 00-0097	EA	1/2" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS)	394.06	19.25
23 05 19 00-0098	EA	3/4" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS)	419.56	25.94
23 05 19 00-0099	EA	1" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS)	481.30	31.44
23 05 19 00-0100	EA	1-1/4" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS)	512.59	39.81
23 05 19 00-0101	EA	1-1/2" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS)	1,030.27	46.02
23 05 19 00-0102	EA	2" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS)	1,083.26	54.40
23 05 19 00-0103		Threaded, Tube Style, Without Impeller, Cast Iron Body, Sight Flow Indicators *(23 05 19 00-0057)*		
23 05 19 00-0104	EA	1" Threaded, Tube Style, Without Impeller, Cast Iron Body, Sight Flow Indicator (Dwyer SFI-400)	490.97	31.44
23 05 19 00-0105	EA	1-1/4" Threaded, Tube Style, Without Impeller, Cast Iron Body, Sight Flow Indicator (Dwyer SFI-400)	551.28	39.81
23 05 19 00-0106	EA	1-1/2" Threaded, Tube Style, Without Impeller, Cast Iron Body, Sight Flow Indicator (Dwyer SFI-400)	626.41	46.02
23 05 19 00-0107	EA	2" Threaded, Tube Style, Without Impeller, Cast Iron Body, Sight Flow Indicator (Dwyer SFI-400)	703.59	54.40
23 05 19 00-0108		Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicators *(23 05 19 00-0057)*		
23 05 19 00-0109	EA	1-1/2" Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicator (Dwyer SFI-360FCS)	1,079.29	125.53
23 05 19 00-0110	EA	2" Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicator (Dwyer SFI-360FCS)	1,203.46	159.37
23 05 19 00-0111	EA	3" Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicator (Dwyer SFI-360FCS)	1,777.72	187.16
23 05 19 00-0112	EA	4" Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicator (Dwyer SFI-360FCS)	2,679.08	313.75
23 05 19 00-0113	EA	6" Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicator (Dwyer SFI-360FCS)	4,363.25	389.43
23 05 19 00-0114		Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicators *(23 05 19 00-0057)*		
23 05 19 00-0115	EA	1" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F)	828.61	89.66
23 05 19 00-0116	EA	1-1/4" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F)	978.77	104.61
23 05 19 00-0117	EA	1-1/2" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F)	1,054.50	125.53
23 05 19 00-0118	EA	2" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F)	1,321.35	159.37
23 05 19 00-0119	EA	3" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F)	1,922.21	187.16
23 05 19 00-0120	EA	4" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F)	2,835.66	313.75
23 05 19 00-0121		Venturi Flowmeters *(23 05 19)*		
23 05 19 00-0122		Threaded, Brass, Venturi Flowmeters *(23 05 19 00-0121)*		
23 05 19 00-0123	EA	3/4" Threaded, Brass, Venturi Flowmeter	326.39	81.33
		For Portable Venturi Flow Meter, Add	*995.00*	
23 05 19 00-0124	EA	1" Threaded, Brass, Venturi Flowmeter	359.85	97.59
		For Portable Venturi Flow Meter, Add	*995.00*	
23 05 19 00-0125	EA	1-1/4" Threaded, Brass, Venturi Flowmeter	396.83	108.48
		For Portable Venturi Flow Meter, Add	*995.00*	
23 05 19 00-0126	EA	1-1/2" Threaded, Brass, Venturi Flowmeter	447.28	122.00
		For Portable Venturi Flow Meter, Add	*995.00*	
23 05 19 00-0127	EA	2" Threaded, Brass, Venturi Flowmeter	532.93	139.46
		For Portable Venturi Flow Meter, Add	*995.00*	
23 05 19 00-0128	EA	2-1/2" Threaded, Brass, Venturi Flowmeter	730.45	194.77
		For Portable Venturi Flow Meter, Add	*995.00*	
23 05 19 00-0129		Butt Weld, Carbon Steel, Venturi Flowmeters *(23 05 19 00-0121)*		
23 05 19 00-0130	EA	3" Butt Weld, Carbon Steel, Venturi Flowmeter	1,602.97	167.53
		For Portable Venturi Flow Meter, Add	*995.00*	
		For Flanged Ends, Add	*443.77*	
23 05 19 00-0131	EA	4" Butt Weld, Carbon Steel, Venturi Flowmeter	2,219.41	201.04
		For Portable Venturi Flow Meter, Add	*995.00*	
		For Flanged Ends, Add	*636.07*	
23 05 19 00-0132	EA	5" Butt Weld, Carbon Steel, Venturi Flowmeter	2,911.62	251.29
		For Portable Venturi Flow Meter, Add	*995.00*	
		For Flanged Ends, Add	*843.16*	
23 05 19 00-0133	EA	6" Butt Weld, Carbon Steel, Venturi Flowmeter	3,459.51	335.06
		For Portable Venturi Flow Meter, Add	*995.00*	
		For Flanged Ends, Add	*976.29*	
23 05 19 00-0134	EA	8" Butt Weld, Carbon Steel, Venturi Flowmeter	5,072.76	402.07
		For Portable Venturi Flow Meter, Add	*995.00*	
		For Flanged Ends, Add	*1,494.02*	
23 05 19 00-0135	EA	10" Butt Weld, Carbon Steel, Venturi Flowmeter	8,316.79	502.59
		For Portable Venturi Flow Meter, Add	*995.00*	
		For Flanged Ends, Add	*2,559.07*	
23 05 19 00-0136	EA	12" Butt Weld, Carbon Steel, Venturi Flowmeter	12,517.32	722.12
		For Portable Venturi Flow Meter, Add	*995.00*	
		For Flanged Ends, Add	*3,875.58*	
23 05 19 00-0137		Turbine Flowmeter *(23 05 19)*		
23 05 19 00-0138	EA	Saddle Mount Turbine Flowmeter	1,137.83	89.70
23 05 19 00-0139		Water Flow Switches *(23 05 19)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 19 00-0140	EA	Flexible Paddle, Single Switch, Brass Body, Water Flow Switch (Taco IFS01BF-1)	301.94	35.25
23 05 19 00-0141	EA	Rigid Paddle, Single Switch, Brass Body, Water Flow Switch (Taco IFS01BR-1)	313.00	35.25
23 05 19 00-0142	EA	Flexible Paddle, Double Switch, Brass Body, Water Flow Switch (Taco IFS02BF-1)	406.39	35.25
23 05 19 00-0143	EA	Rigid Paddle, Double Switch, Brass Body, Water Flow Switch (Taco IFS02BR-1)	420.53	35.25
23 05 19 00-0144	EA	Flexible Paddle, High Current Single Switch, Brass Body, Water Flow Switch (Taco IFSH1BF-1)	327.14	35.25
23 05 19 00-0145	EA	Rigid Paddle, High Current Single Switch, Brass Body, Water Flow Switch (Taco IFSH1BR-1)	340.03	35.25
23 05 19 00-0146	EA	Flexible Paddle, High Current Double Switch, Brass Body, Water Flow Switch (Taco IFSH2BF-1)	431.59	35.25
23 05 19 00-0147	EA	Rigid Paddle, High Current Double Switch, Brass Body, Water Flow Switch (Taco IFSH2BR-1)	444.49	35.25
23 05 19 00-0148	EA	Flexible Paddle, Single Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFS01SF-1)	859.80	35.25
23 05 19 00-0149	EA	Rigid Paddle, Single Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFS01SR-1)	872.29	35.25
23 05 19 00-0150	EA	Flexible Paddle, Double Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFS02SF-1)	991.01	35.25
23 05 19 00-0151	EA	Rigid Paddle, Double Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFS02SR-1)	1,008.20	35.25
23 05 19 00-0152	EA	Flexible Paddle, High Current Single Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFSH1SF-1)	889.48	35.25
23 05 19 00-0153	EA	Rigid Paddle, High Current Single Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFSH1SR-1)	906.66	35.25
23 05 19 00-0154	EA	Flexible Paddle, High Current Double Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFSH2SF-1)	1,020.69	35.25
23 05 19 00-0155	EA	Rigid Paddle, High Current Double Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFSH2SR-1)	1,039.44	35.25

23 05 23 General-Duty Valves For HVAC Piping *(23 05)*

Note: Flanged valves exclude bolt and gasket sets. See CSI section 22 05 23 00-0000 for additonal valves, 23 21 13 23-0619 for bolt and gasket sets.

23 05 23 00-0001 Gate Valves *(23 05 23)*

23 05 23 00-0002 Class 125 Threaded, Bronze Gate Valves *(23 05 23 00-0001)*

Note: 125 psi steam, basic rating. 200 psi cold working pressure.

23 05 23 00-0003	EA	1/4" Diameter, 125 Lb., Threaded Bronze Gate Valve	68.32	11.96
		For 250 Lb. Rating, Add	*8.38*	
		For 150 Lb. Rating, Add	*3.35*	
		For Work In Restricted Working Space, Add	*10.44*	
		For 200 Lb. Rating, Add	*5.03*	
		For 300 Lb. Rating, Add	*11.73*	
23 05 23 00-0004	EA	3/8" Diameter, 125 Lb., Threaded Bronze Gate Valve	70.15	11.96
		For 250 Lb. Rating, Add	*8.38*	
		For 150 Lb. Rating, Add	*3.35*	
		For Work In Restricted Working Space, Add	*10.99*	
		For 200 Lb. Rating, Add	*5.03*	
		For 300 Lb. Rating, Add	*11.73*	
23 05 23 00-0005	EA	1/2" Diameter, 125 Lb., Threaded Bronze Gate Valve	72.08	11.96
		For 250 Lb. Rating, Add	*8.38*	
		For 150 Lb. Rating, Add	*3.35*	
		For Work In Restricted Working Space, Add	*11.57*	
		For 200 Lb. Rating, Add	*5.03*	
		For 300 Lb. Rating, Add	*11.73*	
23 05 23 00-0006	EA	3/4" Diameter, 125 Lb., Threaded Bronze Gate Valve	91.96	13.15
		For 250 Lb. Rating, Add	*10.00*	
		For 150 Lb. Rating, Add	*4.00*	
		For Work In Restricted Working Space, Add	*15.59*	
		For 200 Lb. Rating, Add	*6.00*	
		For 300 Lb. Rating, Add	*13.99*	
23 05 23 00-0007	EA	1" Diameter, 125 Lb., Threaded Bronze Gate Valve	123.32	14.95
		For 250 Lb. Rating, Add	*15.10*	
		For 150 Lb. Rating, Add	*6.04*	
		For Work In Restricted Working Space, Add	*18.88*	
		For 200 Lb. Rating, Add	*9.06*	
		For 300 Lb. Rating, Add	*21.14*	
23 05 23 00-0008	EA	1-1/4" Diameter, 125 Lb., Threaded Bronze Gate Valve	161.14	15.91
		For 250 Lb. Rating, Add	*20.36*	
		For 150 Lb. Rating, Add	*8.14*	
		For Work In Restricted Working Space, Add	*23.91*	
		For 200 Lb. Rating, Add	*12.21*	
		For 300 Lb. Rating, Add	*28.50*	
23 05 23 00-0009	EA	1-1/2" Diameter, 125 Lb., Threaded Bronze Gate Valve	194.58	18.41
		For 250 Lb. Rating, Add	*25.65*	
		For 150 Lb. Rating, Add	*10.26*	
		For Work In Restricted Working Space, Add	*27.59*	
		For 200 Lb. Rating, Add	*15.39*	
		For 300 Lb. Rating, Add	*35.91*	
23 05 23 00-0010	EA	2" Diameter, 125 Lb., Threaded Bronze Gate Valve	248.89	21.75
		For 250 Lb. Rating, Add	*35.05*	
		For 150 Lb. Rating, Add	*14.02*	
		For Work In Restricted Working Space, Add	*32.61*	
		For 200 Lb. Rating, Add	*21.03*	
		For 300 Lb. Rating, Add	*49.07*	
23 05 23 00-0011	EA	2-1/2" Diameter, 125 Lb., Threaded Bronze Gate Valve	546.65	29.40
		For Chain Operated Type, Add	*179.94*	
		For 250 Lb. Rating, Add	*99.97*	
		For 150 Lb. Rating, Add	*39.99*	
		For Work In Restricted Working Space, Add	*44.04*	
		For 200 Lb. Rating, Add	*59.98*	
		For 300 Lb. Rating, Add	*139.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0012	EA	3" Diameter, 125 Lb., Threaded Bronze Gate Valve	647.35	34.13
		For Chain Operated Type, Add	*215.09*	
		For 250 Lb. Rating, Add	*119.50*	
		For 150 Lb. Rating, Add	*47.80*	
		For Work In Restricted Working Space, Add	*50.81*	
		For 200 Lb. Rating, Add	*71.70*	
		For 300 Lb. Rating, Add	*167.29*	
23 05 23 00-0013	EA	4" Diameter, 125 Lb., Threaded Bronze Gate Valve	1,331.34	38.53
		For Chain Operated Type, Add	*512.41*	
		For 250 Lb. Rating, Add	*284.67*	
		For 150 Lb. Rating, Add	*113.87*	
		For Work In Restricted Working Space, Add	*57.80*	
		For 200 Lb. Rating, Add	*170.80*	
		For 300 Lb. Rating, Add	*398.54*	

23 05 23 00-0014 Class 125 Non-Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valves *(23 05 23 00-0001)*

Note: 125 psi steam, basic rating. 200 psi cold working pressure.

23 05 23 00-0015	EA	1-1/2" Diameter, Class 125 Non-Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valve	289.88	18.41
		For 250 Lb. Rating, Add	*69.27*	
		For Work In Restricted Working Space, Add	*27.59*	
		For Chain Operated Type, Add	*69.27*	
		For 150 Lb. Rating, Add	*39.58*	
23 05 23 00-0016	EA	2" Diameter, Class 125 Non-Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valve	443.11	21.75
		For 250 Lb. Rating, Add	*117.05*	
		For Work In Restricted Working Space, Add	*32.61*	
		For Chain Operated Type, Add	*117.05*	
		For 150 Lb. Rating, Add	*66.88*	
23 05 23 00-0017	EA	2-1/2" Diameter, Class 125 Non-Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valve	649.76	29.40
		For 250 Lb. Rating, Add	*176.04*	
		For Work In Restricted Working Space, Add	*44.04*	
		For Chain Operated Type, Add	*176.04*	
		For 150 Lb. Rating, Add	*100.59*	
23 05 23 00-0018	EA	3" Diameter, Class 125 Non-Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valve	829.29	34.13
		For 250 Lb. Rating, Add	*230.97*	
		For Work In Restricted Working Space, Add	*50.81*	
		For Chain Operated Type, Add	*230.97*	
		For 150 Lb. Rating, Add	*131.98*	
23 05 23 00-0019	EA	4" Diameter, Class 125 Non-Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valve	1,969.10	38.53
		For 250 Lb. Rating, Add	*621.75*	
		For Work In Restricted Working Space, Add	*57.80*	
		For Chain Operated Type, Add	*621.75*	
		For 150 Lb. Rating, Add	*355.29*	

23 05 23 00-0020 Class 125 Non-Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valves *(23 05 23 00-0001)*

Note: 125 psi steam, basic rating. 200 psi cold working pressure.

23 05 23 00-0021	EA	1-1/2" Diameter, Class 125 Non-Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	765.26	125.53
		For Chain Operated Type, Add	*303.98*	
		For 150 Lb. Rating, Add	*176.31*	
		For 300 Lb. Rating, ASTM A182, Add	*686.61*	
		For Work In Restricted Working Space, Add	*47.19*	
		For 250 Lb. Rating, Add	*303.98*	
23 05 23 00-0022	EA	2" Diameter, Class 125 Non-Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	835.08	159.37
		For Chain Operated Type, Add	*317.91*	
		For 150 Lb. Rating, Add	*184.39*	
		For 300 Lb. Rating, ASTM A182, Add	*735.45*	
		For Work In Restricted Working Space, Add	*59.78*	
		For 250 Lb. Rating, Add	*317.91*	
23 05 23 00-0023	EA	2-1/2" Diameter, Class 125 Non-Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	963.03	159.63
		For Chain Operated Type, Add	*381.43*	
		For 150 Lb. Rating, Add	*221.23*	
		For 300 Lb. Rating, ASTM A182, Add	*862.95*	
		For Work In Restricted Working Space, Add	*60.05*	
		For 250 Lb. Rating, Add	*381.43*	
23 05 23 00-0024	EA	3" Diameter, Class 125 Non-Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	1,187.77	187.16
		For Chain Operated Type, Add	*476.77*	
		For 150 Lb. Rating, Add	*276.52*	
		For 300 Lb. Rating, ASTM A182, Add	*1,070.65*	
		For Work In Restricted Working Space, Add	*70.27*	
		For 250 Lb. Rating, Add	*476.77*	
23 05 23 00-0025	EA	4" Diameter, Class 125 Non-Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	1,664.62	313.75
		For Chain Operated Type, Add	*635.72*	
		For 150 Lb. Rating, Add	*368.72*	
		For 300 Lb. Rating, ASTM A182, Add	*1,468.03*	
		For Work In Restricted Working Space, Add	*117.95*	
		For 250 Lb. Rating, Add	*635.72*	
23 05 23 00-0026	EA	5" Diameter, Class 125 Non-Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	2,090.15	350.48
		For Chain Operated Type, Add	*826.36*	
		For 150 Lb. Rating, Add	*479.29*	
		For 300 Lb. Rating, ASTM A182, Add	*1,871.44*	
		For Work In Restricted Working Space, Add	*131.23*	
		For 250 Lb. Rating, Add	*826.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0027	EA	6" Diameter, Class 125 Non-Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	2,522.42	389.43
		For Chain Operated Type, Add	*1,016.95*	
		For 150 Lb. Rating, Add	*589.83*	
		For 300 Lb. Rating, ASTM A182, Add	*2,278.16*	
		For Work In Restricted Working Space, Add	*146.56*	
		For 250 Lb. Rating, Add	*1,016.95*	
23 05 23 00-0028	EA	8" Diameter, Class 125 Non-Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	3,987.30	497.61
		For Chain Operated Type, Add	*1,684.58*	
		For 150 Lb. Rating, Add	*977.06*	
		For 300 Lb. Rating, ASTM A182, Add	*3,678.23*	
		For Work In Restricted Working Space, Add	*185.44*	
		For 250 Lb. Rating, Add	*1,684.58*	
23 05 23 00-0029	EA	10" Diameter, Class 125 Non-Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	5,206.75	605.78
		For Chain Operated Type, Add	*2,224.77*	
		For 150 Lb. Rating, Add	*1,290.36*	
		For 300 Lb. Rating, ASTM A182, Add	*4,828.14*	
		For Work In Restricted Working Space, Add	*227.17*	
		For 250 Lb. Rating, Add	*2,224.77*	
23 05 23 00-0030	EA	12" Diameter, Class 125 Non-Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	7,274.63	735.58
		For Chain Operated Type, Add	*3,178.40*	
		For 150 Lb. Rating, Add	*1,843.47*	
		For 300 Lb. Rating, ASTM A182, Add	*6,815.71*	
		For Work In Restricted Working Space, Add	*275.35*	
		For 250 Lb. Rating, Add	*3,178.40*	

23 05 23 00-0031 Class 125 Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valves *(23 05 23 00-0001)*

Note: 125 psi steam, basic rating. 200 psi cold working pressure.

23 05 23 00-0032	EA	1-1/2" Diameter, 125 Lb. Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valve	577.10	18.41
		For Work In Restricted Working Space, Add	*27.59*	
		For 175 Lb. Rating, Add	*242.57*	
		For 250 Lb. Rating, Add	*363.85*	
23 05 23 00-0033	EA	2" Diameter, 125 Lb. Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valve	735.84	21.75
		For Work In Restricted Working Space, Add	*32.61*	
		For 175 Lb. Rating, Add	*313.58*	
		For 250 Lb. Rating, Add	*470.36*	
23 05 23 00-0034	EA	2-1/2" Diameter, 125 Lb. Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valve	853.98	29.40
		For Work In Restricted Working Space, Add	*44.04*	
		For 175 Lb. Rating, Add	*353.60*	
		For 250 Lb. Rating, Add	*530.39*	
23 05 23 00-0035	EA	3" Diameter, 125 Lb. Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valve	949.68	34.13
		For Work In Restricted Working Space, Add	*50.81*	
		For 175 Lb. Rating, Add	*390.16*	
		For 250 Lb. Rating, Add	*585.23*	
23 05 23 00-0036	EA	4" Diameter, 125 Lb. Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valve	1,270.16	38.53
		For Work In Restricted Working Space, Add	*57.80*	
		For 175 Lb. Rating, Add	*538.75*	
		For 250 Lb. Rating, Add	*808.13*	

23 05 23 00-0037 Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valves *(23 05 23 00-0001)*

Note: 125 psi steam, basic rating. 200 psi cold working pressure for up to 12". 100 psi steam, basic rating. 150 psi cold working pressure for >12" to 24". 50 psi steam, basic rating. 150 psi cold working pressure for >24".

23 05 23 00-0038	EA	1-1/2" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	1,033.71	125.53
		For 250 Lb. Rating, Add	*569.66*	
		For Work In Restricted Working Space, Add	*47.19*	
		For 175 Lb. Rating, Add	*271.68*	
		For 150 Lb. Rating, Add	*131.46*	
		For Chain Operated Type, Add	*438.20*	
23 05 23 00-0039	EA	2" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	1,101.70	159.37
		For 250 Lb. Rating, Add	*586.59*	
		For Work In Restricted Working Space, Add	*59.78*	
		For 175 Lb. Rating, Add	*279.76*	
		For 150 Lb. Rating, Add	*135.37*	
		For Chain Operated Type, Add	*451.22*	
23 05 23 00-0040	EA	2-1/2" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	1,132.06	159.63
		For 250 Lb. Rating, Add	*605.73*	
		For Work In Restricted Working Space, Add	*60.05*	
		For 175 Lb. Rating, Add	*288.89*	
		For 150 Lb. Rating, Add	*139.78*	
		For Chain Operated Type, Add	*465.95*	
23 05 23 00-0041	EA	3" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	1,259.57	187.16
		For 250 Lb. Rating, Add	*666.46*	
		For Work In Restricted Working Space, Add	*70.27*	
		For 175 Lb. Rating, Add	*317.85*	
		For 150 Lb. Rating, Add	*153.80*	
		For Chain Operated Type, Add	*512.67*	
23 05 23 00-0042	EA	4" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	1,636.64	313.75
		For 250 Lb. Rating, Add	*808.25*	
		For Work In Restricted Working Space, Add	*117.95*	
		For 175 Lb. Rating, Add	*385.47*	
		For 150 Lb. Rating, Add	*186.52*	
		For Chain Operated Type, Add	*621.73*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0043	EA	5" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	2,172.33	350.48
		For 250 Lb. Rating, Add	*1,127.69*	
		For Work In Restricted Working Space, Add	*131.23*	
		For 175 Lb. Rating, Add	*537.82*	
		For 150 Lb. Rating, Add	*260.24*	
		For Chain Operated Type, Add	*867.45*	
23 05 23 00-0044	EA	6" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	2,469.85	389.43
		For 250 Lb. Rating, Add	*1,287.86*	
		For Work In Restricted Working Space, Add	*146.56*	
		For 175 Lb. Rating, Add	*614.21*	
		For 150 Lb. Rating, Add	*297.20*	
		For Chain Operated Type, Add	*990.66*	
23 05 23 00-0045	EA	8" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	3,969.09	497.61
		For 250 Lb. Rating, Add	*2,178.12*	
		For Work In Restricted Working Space, Add	*185.44*	
		For 175 Lb. Rating, Add	*1,038.79*	
		For 150 Lb. Rating, Add	*502.64*	
		For Chain Operated Type, Add	*1,675.48*	
23 05 23 00-0046	EA	10" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	5,914.33	605.78
		For 250 Lb. Rating, Add	*3,352.12*	
		For Work In Restricted Working Space, Add	*227.17*	
		For 175 Lb. Rating, Add	*1,598.70*	
		For 150 Lb. Rating, Add	*773.57*	
		For Chain Operated Type, Add	*2,578.56*	
23 05 23 00-0047	EA	12" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	7,454.04	735.58
		For 250 Lb. Rating, Add	*4,248.53*	
		For Work In Restricted Working Space, Add	*275.35*	
		For 175 Lb. Rating, Add	*2,026.22*	
		For 150 Lb. Rating, Add	*980.43*	
		For Chain Operated Type, Add	*3,268.10*	

23 05 23 00-0048 Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valves *(23 05 23 00-0001)*

Note: 800 PSIG at 850 degrees F.

23 05 23 00-0049	EA	1/4" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve	173.84	11.96
		For Work In Restricted Working Space, Add	*10.44*	
23 05 23 00-0050	EA	1/2" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve	177.60	11.96
		For Work In Restricted Working Space, Add	*11.57*	
23 05 23 00-0051	EA	3/4" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve	209.67	13.15
		For Work In Restricted Working Space, Add	*15.59*	
23 05 23 00-0052	EA	1" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve	254.53	14.95
		For Work In Restricted Working Space, Add	*18.88*	
23 05 23 00-0053	EA	1-1/4" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve	388.84	15.91
		For Work In Restricted Working Space, Add	*23.91*	
23 05 23 00-0054	EA	1-1/2" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve	459.90	18.41
		For Work In Restricted Working Space, Add	*27.59*	
23 05 23 00-0055	EA	2" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve	578.36	21.75
		For Work In Restricted Working Space, Add	*32.61*	

23 05 23 00-0056 Ball Valves *(23 05 23)*

23 05 23 00-0057 Threaded Or Sweated, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valves *(23 05 23 00-0056)*

Note: 125 Lb. WSP.

23 05 23 00-0058	EA	1/2" Threaded Or Sweated, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	53.60	11.96
		For Full Port, Add	*6.76*	
		For Work In Restricted Working Space, Add	*11.57*	
		For Extension Stems And Sleeves On Insulated Pipe, Add	*2.63*	
23 05 23 00-0059	EA	3/4" Threaded Or Sweated, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	75.09	13.15
		For Full Port, Add	*10.40*	
		For Work In Restricted Working Space, Add	*15.59*	
		For Extension Stems And Sleeves On Insulated Pipe, Add	*2.63*	
23 05 23 00-0060	EA	1" Threaded Or Sweated, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	94.12	14.95
		For Full Port, Add	*14.04*	
		For Work In Restricted Working Space, Add	*18.88*	
		For Extension Stems And Sleeves On Insulated Pipe, Add	*2.63*	
23 05 23 00-0061	EA	1-1/4" Threaded Or Sweated, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	132.09	15.91
		For Full Port, Add	*23.57*	
		For Work In Restricted Working Space, Add	*23.91*	
		For Extension Stems And Sleeves On Insulated Pipe, Add	*2.63*	
23 05 23 00-0062	EA	1-1/2" Threaded Or Sweated, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	158.87	18.41
		For Full Port, Add	*30.11*	
		For Work In Restricted Working Space, Add	*27.59*	
		For Extension Stems And Sleeves On Insulated Pipe, Add	*2.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0063	EA	2" Threaded Or Sweated, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	192.49	21.75
		For Full Port, Add	*37.71*	
		For Work In Restricted Working Space, Add	*32.61*	
		For Extension Stems And Sleeves On Insulated Pipe, Add	*2.63*	
23 05 23 00-0064	EA	2-1/2" Threaded Or Sweated, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	542.26	29.40
		For Full Port, Add	*177.96*	
		For Work In Restricted Working Space, Add	*44.04*	
		For Extension Stems And Sleeves On Insulated Pipe, Add	*2.63*	
23 05 23 00-0065	EA	3" Threaded Or Sweated, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	625.66	34.13
		For Full Port, Add	*205.33*	
		For Work In Restricted Working Space, Add	*50.81*	
		For Extension Stems And Sleeves On Insulated Pipe, Add	*2.63*	
23 05 23 00-0066	EA	4" Threaded Or Sweated, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	814.75	38.53
		For Full Port, Add	*279.94*	
		For Work In Restricted Working Space, Add	*57.80*	
		For Extension Stems And Sleeves On Insulated Pipe, Add	*2.63*	
23 05 23 00-0067		**Screwed, 150 Lb., Full Port, Carbon Steel Ball Valves** *(23 05 23 00-0056)*		
23 05 23 00-0068	EA	1/4" Screwed, 150 Lb., Full Port, Carbon Steel Ball Valve	63.57	11.96
		For Work In Restricted Working Space, Add	*10.44*	
23 05 23 00-0069	EA	1/2" Screwed, 150 Lb., Full Port, Carbon Steel Ball Valve	69.79	11.96
		For Work In Restricted Working Space, Add	*11.57*	
23 05 23 00-0070	EA	3/4" Screwed, 150 Lb., Full Port, Carbon Steel Ball Valve	97.13	13.15
		For Work In Restricted Working Space, Add	*15.59*	
23 05 23 00-0071	EA	1" Screwed, 150 Lb., Full Port, Carbon Steel Ball Valve	123.64	14.95
		For Work In Restricted Working Space, Add	*18.88*	
23 05 23 00-0072	EA	1-1/4" Screwed, 150 Lb., Full Port, Carbon Steel Ball Valve	183.47	15.91
		For Work In Restricted Working Space, Add	*23.91*	
23 05 23 00-0073	EA	1-1/2" Screwed, 150 Lb., Full Port, Carbon Steel Ball Valve	223.42	18.41
		For Work In Restricted Working Space, Add	*27.59*	
23 05 23 00-0074	EA	2" Screwed, 150 Lb., Full Port, Carbon Steel Ball Valve	289.69	21.75
		For Work In Restricted Working Space, Add	*32.61*	
23 05 23 00-0075		**Flanged, 150 Lb., Full Port, Carbon Steel Ball Valves** *(23 05 23 00-0056)*		
23 05 23 00-0076	EA	1-1/2" Flanged, 150 Lb., Full Port, Carbon Steel Ball Valve	613.77	125.53
		For Chain Operated Type, Add	*228.23*	
		For 150 Lb. Rating, Add	*132.37*	
		For 300 Lb. Rating, ASTM A182, Add	*535.12*	
		For Work In Restricted Working Space, Add	*47.19*	
		For Work In Restricted Working Space, Add	*47.19*	
		For 250 Lb. Rating, Add	*228.23*	
23 05 23 00-0077	EA	2" Flanged, 150 Lb., Full Port, Carbon Steel Ball Valve	765.54	159.37
		For Chain Operated Type, Add	*283.14*	
		For 150 Lb. Rating, Add	*164.22*	
		For 300 Lb. Rating, ASTM A182, Add	*665.91*	
		For Work In Restricted Working Space, Add	*59.78*	
		For Work In Restricted Working Space, Add	*59.78*	
		For 250 Lb. Rating, Add	*283.14*	
23 05 23 00-0078	EA	2-1/2" Flanged, 150 Lb., Full Port, Carbon Steel Ball Valve	1,234.62	159.63
		For Chain Operated Type, Add	*517.23*	
		For 150 Lb. Rating, Add	*299.99*	
		For 300 Lb. Rating, ASTM A182, Add	*1,134.54*	
		For Work In Restricted Working Space, Add	*60.05*	
		For Work In Restricted Working Space, Add	*60.05*	
		For 250 Lb. Rating, Add	*517.23*	
23 05 23 00-0079	EA	3" Flanged, 150 Lb., Full Port, Carbon Steel Ball Valve	1,352.69	187.16
		For Chain Operated Type, Add	*559.23*	
		For 150 Lb. Rating, Add	*324.35*	
		For 300 Lb. Rating, ASTM A182, Add	*1,235.57*	
		For Work In Restricted Working Space, Add	*70.27*	
		For Work In Restricted Working Space, Add	*70.27*	
		For 250 Lb. Rating, Add	*559.23*	
23 05 23 00-0080	EA	4" Flanged, 150 Lb., Full Port, Carbon Steel Ball Valve	1,964.15	313.75
		For Work In Restricted Working Space, Add	*117.95*	
23 05 23 00-0081	EA	6" Flanged, 150 Lb., Full Port, Carbon Steel Ball Valve	4,747.97	389.43
		For Work In Restricted Working Space, Add	*146.56*	
23 05 23 00-0082	EA	8" Flanged, 150 Lb., Full Port, Carbon Steel Ball Valve	8,175.62	497.61
		For Work In Restricted Working Space, Add	*185.44*	
23 05 23 00-0083		**Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valves** *(23 05 23 00-0056)*		
23 05 23 00-0084	EA	1/2" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	44.86	11.96
		For True Union Socket Or Thread Type, Add	*4.54*	
		For Work In Restricted Working Space, Add	*11.57*	
23 05 23 00-0085	EA	3/4" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	59.22	13.15
		For True Union Socket Or Thread Type, Add	*5.62*	
		For Work In Restricted Working Space, Add	*15.59*	
23 05 23 00-0086	EA	1" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	73.02	14.95
		For True Union Socket Or Thread Type, Add	*7.34*	
		For Work In Restricted Working Space, Add	*18.88*	
23 05 23 00-0087	EA	1-1/4" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	92.96	15.91
		For True Union Socket Or Thread Type, Add	*9.48*	
		For Work In Restricted Working Space, Add	*23.91*	

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23 05 23 00-0088	EA	1-1/2" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	115.03	18.41
		For True Union Socket Or Thread Type, Add	*14.05*	
		For Work In Restricted Working Space, Add	*27.59*	
23 05 23 00-0089	EA	2" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	138.07	21.75
		For True Union Socket Or Thread Type, Add	*17.46*	
		For Work In Restricted Working Space, Add	*32.61*	
23 05 23 00-0090	EA	2-1/2" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	210.01	29.40
		For True Union Socket Or Thread Type, Add	*32.99*	
		For Work In Restricted Working Space, Add	*44.04*	
23 05 23 00-0091	EA	3" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	276.87	34.13
		For True Union Socket Or Thread Type, Add	*51.89*	
		For Work In Restricted Working Space, Add	*50.81*	
23 05 23 00-0092	EA	4" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	398.20	38.53
		For True Union Socket Or Thread Type, Add	*92.33*	
		For Work In Restricted Working Space, Add	*57.80*	
23 05 23 00-0093		Threaded Or Sweated, 3-Way, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valves *(23 05 23 00-0056)*		
23 05 23 00-0094	EA	1/4" Threaded Or Sweated, 3-Way, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	97.42	17.93
		For Full Port, Add	*20.34*	
		For Work In Restricted Working Space, Add	*15.67*	
23 05 23 00-0095	EA	3/8" Threaded Or Sweated, 3-Way, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	100.16	17.93
		For Full Port, Add	*20.34*	
		For Work In Restricted Working Space, Add	*16.49*	
23 05 23 00-0096	EA	1/2" Threaded Or Sweated, 3-Way, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	103.04	17.93
		For Full Port, Add	*20.34*	
		For Work In Restricted Working Space, Add	*17.36*	
23 05 23 00-0097	EA	3/4" Threaded Or Sweated, 3-Way, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	125.89	19.73
		For Full Port, Add	*21.56*	
		For Work In Restricted Working Space, Add	*23.39*	
23 05 23 00-0098	EA	1" Threaded Or Sweated, 3-Way, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	165.37	22.42
		For Full Port, Add	*31.94*	
		For Work In Restricted Working Space, Add	*28.32*	
23 05 23 00-0099	EA	1-1/4" Threaded Or Sweated, 3-Way, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	216.70	23.85
		For Full Port, Add	*43.72*	
		For Work In Restricted Working Space, Add	*35.87*	
23 05 23 00-0100	EA	1-1/2" Threaded Or Sweated, 3-Way, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	267.12	27.61
		For Full Port, Add	*58.13*	
		For Work In Restricted Working Space, Add	*41.39*	
23 05 23 00-0101	EA	2" Threaded Or Sweated, 3-Way, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	373.25	32.64
		For Full Port, Add	*94.60*	
		For Work In Restricted Working Space, Add	*48.91*	
23 05 23 00-0102	EA	2-1/2" Threaded Or Sweated, 3-Way, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	730.35	44.09
		For Full Port, Add	*229.58*	
		For Work In Restricted Working Space, Add	*66.05*	
23 05 23 00-0103	EA	3" Threaded Or Sweated, 3-Way, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	1,064.18	51.19
		For Full Port, Add	*364.55*	
		For Work In Restricted Working Space, Add	*76.22*	
23 05 23 00-0104		Wye Strainer, Union With Two Pressure Ports, Ball Valves *(23 05 23 00-0056)*		
23 05 23 00-0105	EA	1/2" Diameter, Wye Strainer, Union With Two Pressure Ports, Ball Valve	180.76	11.96
23 05 23 00-0106	EA	3/4" Diameter, Wye Strainer, Union With Two Pressure Ports, Ball Valve	231.79	15.54
23 05 23 00-0107	EA	1" Diameter, Wye Strainer, Union With Two Pressure Ports, Ball Valve	298.87	19.13
23 05 23 00-0108	EA	1-1/4" Diameter, Wye Strainer, Union With Two Pressure Ports, Ball Valve	408.07	26.30
23 05 23 00-0109	EA	1-1/2" Diameter, Wye Strainer, Union With Two Pressure Ports, Ball Valve	510.63	30.60
23 05 23 00-0110	EA	2" Diameter, Wye Strainer, Union With Two Pressure Ports, Ball Valve	674.31	35.87
23 05 23 00-0111		Plastic Ball Valves *(23 05 23 00-0056)*		
		Note: Threaded or socket.		
23 05 23 00-0112		Ethylene Propylene Diene Monomer (EPDM) Liner And Seals, Polyvinyl Chloride (PVC) Ball Valves *(23 05 23 00-0111)*		
23 05 23 00-0113	EA	3/8" Ethylene Propylene Diene Monomer (EPDM) Liner And Seals, Polyvinyl Chloride (PVC) Ball Valve (George Fisher Type 346)	73.96	11.96
23 05 23 00-0114	EA	1/2" Ethylene Propylene Diene Monomer (EPDM) Liner And Seals, Polyvinyl Chloride (PVC) Ball Valve (George Fisher Type 346)	77.24	11.96
23 05 23 00-0115	EA	3/4" Ethylene Propylene Diene Monomer (EPDM) Liner And Seals, Polyvinyl Chloride (PVC) Ball Valve (George Fisher Type 346)	97.86	13.15
23 05 23 00-0116	EA	1" Ethylene Propylene Diene Monomer (EPDM) Liner And Seals, Polyvinyl Chloride (PVC) Ball Valve (George Fisher Type 346)	127.21	14.95
23 05 23 00-0117	EA	1-1/4" Ethylene Propylene Diene Monomer (EPDM) Liner And Seals, Polyvinyl Chloride (PVC) Ball Valve (George Fisher Type 346)	151.42	15.91
23 05 23 00-0118	EA	1-1/2" Ethylene Propylene Diene Monomer (EPDM) Liner And Seals, Polyvinyl Chloride (PVC) Ball Valve (George Fisher Type 346)	183.31	18.41
23 05 23 00-0119	EA	2" Ethylene Propylene Diene Monomer (EPDM) Liner And Seals, Polyvinyl Chloride (PVC) Ball Valve (George Fisher Type 346)	223.23	21.75
23 05 23 00-0120		Viton Liner And Seals, Chlorinated Polyvinyl Chloride (CPVC) Ball Valves *(23 05 23 00-0111)*		
23 05 23 00-0121	EA	3/8" Viton Liner And Seals, Chlorinated Polyvinyl Chloride (CPVC) Ball Valve (George Fisher Type 346)	110.46	11.96

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0122	EA	1/2" Viton Liner And Seals, Chlorinated Polyvinyl Chloride (CPVC) Ball Valve (George Fisher Type 346)	112.08	11.96
23 05 23 00-0123	EA	3/4" Viton Liner And Seals, Chlorinated Polyvinyl Chloride (CPVC) Ball Valve (George Fisher Type 346)	140.99	13.15
23 05 23 00-0124	EA	1" Viton Liner And Seals, Chlorinated Polyvinyl Chloride (CPVC) Ball Valve (George Fisher Type 346)	174.07	14.95
23 05 23 00-0125	EA	1-1/4" Viton Liner And Seals, Chlorinated Polyvinyl Chloride (CPVC) Ball Valve (George Fisher Type 346)	262.18	15.91
23 05 23 00-0126	EA	1-1/2" Viton Liner And Seals, Chlorinated Polyvinyl Chloride (CPVC) Ball Valve (George Fisher Type 346)	291.03	18.41
23 05 23 00-0127	EA	2" Viton Liner And Seals, Chlorinated Polyvinyl Chloride (CPVC) Ball Valve (George Fisher Type 346)	349.22	21.75
23 05 23 00-0128		Viton Liner And Seals, Polypropylene (PP) Ball Valves *(23 05 23 00-0111)*		
23 05 23 00-0129	EA	3/8" Viton Liner And Seals, Polypropylene (PP) Ball Valve (George Fisher Type 346)	122.90	11.96
23 05 23 00-0130	EA	1/2" Viton Liner And Seals, Polypropylene (PP) Ball Valve (George Fisher Type 346)	132.81	11.96
23 05 23 00-0131	EA	3/4" Viton Liner And Seals, Polypropylene (PP) Ball Valve (George Fisher Type 346)	152.60	13.15
23 05 23 00-0132	EA	1" Viton Liner And Seals, Polypropylene (PP) Ball Valve (George Fisher Type 346)	187.34	14.95
23 05 23 00-0133	EA	1-1/4" Viton Liner And Seals, Polypropylene (PP) Ball Valve (George Fisher Type 346)	235.64	15.91
23 05 23 00-0134	EA	1-1/2" Viton Liner And Seals, Polypropylene (PP) Ball Valve (George Fisher Type 346)	282.73	18.41
23 05 23 00-0135	EA	2" Viton Liner And Seals, Polypropylene (PP) Ball Valve (George Fisher Type 346)	365.80	21.75
23 05 23 00-0136		Viton Liner And Seals, Polyvinylidene Fluoride (PVDF) Ball Valves *(23 05 23 00-0111)*		
23 05 23 00-0137	EA	3/8" Viton Liner And Seals, Polyvinylidene Fluoride (PVDF) Ball Valve (George Fisher Type 346)	245.65	11.96
23 05 23 00-0138	EA	1/2" Viton Liner And Seals, Polyvinylidene Fluoride (PVDF) Ball Valve (George Fisher Type 346)	262.20	11.96
23 05 23 00-0139	EA	3/4" Viton Liner And Seals, Polyvinylidene Fluoride (PVDF) Ball Valve (George Fisher Type 346)	311.84	13.15
23 05 23 00-0140	EA	1" Viton Liner And Seals, Polyvinylidene Fluoride (PVDF) Ball Valve (George Fisher Type 346)	364.83	14.95
23 05 23 00-0141	EA	1-1/4" Viton Liner And Seals, Polyvinylidene Fluoride (PVDF) Ball Valve (George Fisher Type 346)	444.65	15.91
23 05 23 00-0142	EA	1-1/2" Viton Liner And Seals, Polyvinylidene Fluoride (PVDF) Ball Valve (George Fisher Type 346)	490.08	18.41
23 05 23 00-0143	EA	2" Viton Liner And Seals, Polyvinylidene Fluoride (PVDF) Ball Valve (George Fisher Type 346)	564.86	21.75
23 05 23 00-0144		Ethylene Propylene Diene Monomer (EPDM) Seals And Teflon Seats, Polyvinyl Chloride (PVC) Ball Valves *(23 05 23 00-0111)*		
23 05 23 00-0145	EA	1/2" Ethylene Propylene Diene Monomer (EPDM) Seals And Teflon Seats, Polyvinyl Chloride (PVC) Ball Valve (Hayward QIC Compact)	50.94	11.96
23 05 23 00-0146	EA	3/4" Ethylene Propylene Diene Monomer (EPDM) Seals And Teflon Seats, Polyvinyl Chloride (PVC) Ball Valve (Hayward QIC Compact)	68.25	13.15
23 05 23 00-0147	EA	1" Ethylene Propylene Diene Monomer (EPDM) Seals And Teflon Seats, Polyvinyl Chloride (PVC) Ball Valve (Hayward QIC Compact)	82.84	14.95
23 05 23 00-0148	EA	1-1/4" Ethylene Propylene Diene Monomer (EPDM) Seals And Teflon Seats, Polyvinyl Chloride (PVC) Ball Valve (Hayward QIC Compact)	114.88	15.91
23 05 23 00-0149	EA	1-1/2" Ethylene Propylene Diene Monomer (EPDM) Seals And Teflon Seats, Polyvinyl Chloride (PVC) Ball Valve (Hayward QIC Compact)	127.14	18.41
23 05 23 00-0150	EA	2" Ethylene Propylene Diene Monomer (EPDM) Seals And Teflon Seats, Polyvinyl Chloride (PVC) Ball Valve (Hayward QIC Compact)	155.05	21.75
23 05 23 00-0151		Plastic, True Union, Ball Valves *(23 05 23 00-0056)*		
23 05 23 00-0152		Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Vertical Ball Valves *(23 05 23 00-0151)*		
		Note: Socket or NPT connectors.		
23 05 23 00-0153	EA	3/8" Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Vertical Ball Valve (George Fisher Type 343)	119.58	11.96
23 05 23 00-0154	EA	1/2" Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Vertical Ball Valve (George Fisher Type 343)	124.52	11.96
23 05 23 00-0155	EA	3/4" Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Vertical Ball Valve (George Fisher Type 343)	150.94	13.15
23 05 23 00-0156	EA	1" Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Vertical Ball Valve (George Fisher Type 343)	185.68	14.95
23 05 23 00-0157	EA	1-1/4" Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Vertical Ball Valve (George Fisher Type 343)	224.03	15.91
23 05 23 00-0158	EA	1-1/2" Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Vertical Ball Valve (George Fisher Type 343)	257.85	18.41
23 05 23 00-0159	EA	2" Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Vertical Ball Valve (George Fisher Type 343)	316.04	21.75
23 05 23 00-0160		Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Horizontal Ball Valves *(23 05 23 00-0151)*		
		Note: Socket or NPT connectors.		
23 05 23 00-0161	EA	3/8" Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Horizontal Ball Valve (George Fisher Type 343)	121.24	11.96
23 05 23 00-0162	EA	1/2" Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Horizontal Ball Valve (George Fisher Type 343)	141.11	11.96
23 05 23 00-0163	EA	3/4" Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Horizontal Ball Valve (George Fisher Type 343)	152.60	13.15
23 05 23 00-0164	EA	1" Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Horizontal Ball Valve (George Fisher Type 343)	185.68	14.95
23 05 23 00-0165	EA	1-1/4" Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Horizontal Ball Valve (George Fisher Type 343)	220.71	15.91

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23 05 23 00-0166	EA	1-1/2" Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Horizontal Ball Valve (George Fisher Type 343)	256.19	18.41
23 05 23 00-0167	EA	2" Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Horizontal Ball Valve (George Fisher Type 343)	316.04	21.75
23 05 23 00-0168		Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC), True Union, Ball Valves *(23 05 23 00-0151)*		
		Note: Socket or NPT connectors.		
23 05 23 00-0169	EA	1/2" Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC), True Union, Ball Valve (George Fisher Type 560)	66.46	11.96
23 05 23 00-0170	EA	3/4" Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC), True Union, Ball Valve (George Fisher Type 560)	85.42	13.15
23 05 23 00-0171	EA	1" Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC), True Union, Ball Valve (George Fisher Type 560)	102.74	14.95
23 05 23 00-0172	EA	1-1/4" Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC), True Union, Ball Valve (George Fisher Type 560)	135.28	15.91
23 05 23 00-0173	EA	1-1/2" Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC), True Union, Ball Valve (George Fisher Type 560)	158.32	18.41
23 05 23 00-0174	EA	2" Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC), True Union, Ball Valve (George Fisher Type 560)	216.51	21.75
23 05 23 00-0175	EA	2-1/2" Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC), True Union, Ball Valve (George Fisher Type 560)	302.72	29.40
23 05 23 00-0176	EA	3" Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC), True Union, Ball Valve (George Fisher Type 560)	381.70	34.13
23 05 23 00-0177	EA	4" Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC), True Union, Ball Valve (George Fisher Type 560)	541.01	38.53
23 05 23 00-0178		Ethylene Propylene Diene Monomer (EPDM) Seals, Chlorinated Polyvinyl Chloride (CPVC), True Union, Ball Valves *(23 05 23 00-0151)*		
		Note: Socket or NPT connectors.		
23 05 23 00-0179	EA	1/2" Ethylene Propylene Diene Monomer (EPDM) Seals, Chlorinated Polyvinyl Chloride (CPVC), True Union, Ball Valve (George Fisher Type 560)	78.07	11.96
23 05 23 00-0180	EA	3/4" Ethylene Propylene Diene Monomer (EPDM) Seals, Chlorinated Polyvinyl Chloride (CPVC), True Union, Ball Valve (George Fisher Type 560)	102.00	13.15
23 05 23 00-0181	EA	1" Ethylene Propylene Diene Monomer (EPDM) Seals, Chlorinated Polyvinyl Chloride (CPVC), True Union, Ball Valve (George Fisher Type 560)	125.96	14.95
23 05 23 00-0182	EA	1-1/4" Ethylene Propylene Diene Monomer (EPDM) Seals, Chlorinated Polyvinyl Chloride (CPVC), True Union, Ball Valve (George Fisher Type 560)	175.92	15.91
23 05 23 00-0183	EA	1-1/2" Ethylene Propylene Diene Monomer (EPDM) Seals, Chlorinated Polyvinyl Chloride (CPVC), True Union, Ball Valve (George Fisher Type 560)	193.16	18.41
23 05 23 00-0184	EA	2" Ethylene Propylene Diene Monomer (EPDM) Seals, Chlorinated Polyvinyl Chloride (CPVC), True Union, Ball Valve (George Fisher Type 560)	248.03	21.75
23 05 23 00-0185	EA	2-1/2" Ethylene Propylene Diene Monomer (EPDM) Seals, Chlorinated Polyvinyl Chloride (CPVC), True Union, Ball Valve (George Fisher Type 560)	428.79	29.40
23 05 23 00-0186	EA	3" Ethylene Propylene Diene Monomer (EPDM) Seals, Chlorinated Polyvinyl Chloride (CPVC), True Union, Ball Valve (George Fisher Type 560)	501.13	34.13
23 05 23 00-0187	EA	4" Ethylene Propylene Diene Monomer (EPDM) Seals, Chlorinated Polyvinyl Chloride (CPVC), True Union, Ball Valve (George Fisher Type 560)	773.24	38.53
23 05 23 00-0188		Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valves *(23 05 23 00-0151)*		
23 05 23 00-0189		Socket, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valves *(23 05 23 00-0188)*		
23 05 23 00-0190	EA	1/4" Socket, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	64.25	11.96
23 05 23 00-0191	EA	3/8" Socket, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	66.08	11.96
23 05 23 00-0192	EA	1/2" Socket, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	67.69	11.96
23 05 23 00-0193	EA	3/4" Socket, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	86.41	13.15
23 05 23 00-0194	EA	1" Socket, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	105.83	14.95
23 05 23 00-0195	EA	1-1/4" Socket, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	128.90	15.91
23 05 23 00-0196	EA	1-1/2" Socket, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	155.09	18.41
23 05 23 00-0197	EA	2" Socket, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	198.27	21.75
23 05 23 00-0198	EA	2-1/2" Socket, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	368.24	29.40
23 05 23 00-0199	EA	3" Socket, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	409.90	34.13
23 05 23 00-0200	EA	4" Socket, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	566.72	38.53
23 05 23 00-0201		Threaded, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valves *(23 05 23 00-0188)*		
23 05 23 00-0202	EA	1/4" Threaded, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	64.25	11.96
23 05 23 00-0203	EA	3/8" Threaded, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	66.08	11.96
23 05 23 00-0204	EA	1/2" Threaded, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	67.69	11.96
23 05 23 00-0205	EA	3/4" Threaded, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	86.41	13.15
23 05 23 00-0206	EA	1" Threaded, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	105.83	14.95
23 05 23 00-0207	EA	1-1/4" Threaded, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	128.90	15.91
23 05 23 00-0208	EA	1-1/2" Threaded, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	155.09	18.41
23 05 23 00-0209	EA	2" Threaded, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	198.27	21.75
23 05 23 00-0210	EA	2-1/2" Threaded, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	368.24	29.40
23 05 23 00-0211	EA	3" Threaded, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	409.90	34.13
23 05 23 00-0212	EA	4" Threaded, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	566.72	38.53

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0213		**Three Piece Ball Valves** *(23 05 23 00-0056)*		
23 05 23 00-0214		**Threaded Or Sweated, Bronze Body, Three Piece Ball Valves** *(23 05 23 00-0213)*		
23 05 23 00-0215	EA	1/4" Threaded Or Sweated, Bronze Body, Three Piece Ball Valve	102.88	11.96
		For Work In Restricted Working Space, Add	*10.44*	
23 05 23 00-0216	EA	3/8" Threaded Or Sweated, Bronze Body, Three Piece Ball Valve	104.71	11.96
		For Work In Restricted Working Space, Add	*10.99*	
23 05 23 00-0217	EA	1/2" Threaded Or Sweated, Bronze Body, Three Piece Ball Valve	117.47	11.96
		For Work In Restricted Working Space, Add	*11.57*	
23 05 23 00-0218	EA	3/4" Threaded Or Sweated, Bronze Body, Three Piece Ball Valve	148.81	13.15
		For Work In Restricted Working Space, Add	*15.59*	
23 05 23 00-0219	EA	1" Threaded Or Sweated, Bronze Body, Three Piece Ball Valve	190.09	14.95
		For Work In Restricted Working Space, Add	*18.88*	
23 05 23 00-0220	EA	1-1/4" Threaded Or Sweated, Bronze Body, Three Piece Ball Valve	262.51	15.91
		For Work In Restricted Working Space, Add	*23.91*	
23 05 23 00-0221	EA	1-1/2" Threaded Or Sweated, Bronze Body, Three Piece Ball Valve	328.62	18.41
		For Work In Restricted Working Space, Add	*27.59*	
23 05 23 00-0222	EA	2" Threaded Or Sweated, Bronze Body, Three Piece Ball Valve	537.48	21.76
		For Work In Restricted Working Space, Add	*32.61*	
23 05 23 00-0223	EA	2-1/2" Threaded Or Sweated, Bronze Body, Three Piece Ball Valve	1,156.35	31.21
		For Work In Restricted Working Space, Add	*47.81*	
23 05 23 00-0224		**Threaded, Carbon Steel Body, Three Piece Ball Valves** *(23 05 23 00-0213)*		
23 05 23 00-0225	EA	1/4" Threaded, Carbon Steel Body, Three Piece Ball Valve	119.31	11.96
		For Work In Restricted Working Space, Add	*10.44*	
23 05 23 00-0226	EA	3/8" Threaded, Carbon Steel Body, Three Piece Ball Valve	130.66	11.96
		For Work In Restricted Working Space, Add	*10.99*	
23 05 23 00-0227	EA	1/2" Threaded, Carbon Steel Body, Three Piece Ball Valve	138.66	11.96
		For Work In Restricted Working Space, Add	*11.57*	
23 05 23 00-0228	EA	3/4" Threaded, Carbon Steel Body, Three Piece Ball Valve	221.21	13.15
		For Work In Restricted Working Space, Add	*15.59*	
23 05 23 00-0229	EA	1" Threaded, Carbon Steel Body, Three Piece Ball Valve	282.61	14.95
		For Work In Restricted Working Space, Add	*18.88*	
23 05 23 00-0230	EA	1-1/4" Threaded, Carbon Steel Body, Three Piece Ball Valve	427.89	15.91
		For Work In Restricted Working Space, Add	*23.91*	
23 05 23 00-0231	EA	1-1/2" Threaded, Carbon Steel Body, Three Piece Ball Valve	544.41	18.41
		For Work In Restricted Working Space, Add	*27.59*	
23 05 23 00-0232	EA	2" Threaded, Carbon Steel Body, Three Piece Ball Valve	707.95	21.76
		For Work In Restricted Working Space, Add	*32.61*	
23 05 23 00-0233		**Threaded, Stainless Steel Body, Three Piece Ball Valves** *(23 05 23 00-0213)*		
23 05 23 00-0234	EA	1/4" Threaded, Stainless Steel Body, Three Piece Ball Valve	308.03	11.96
		For Work In Restricted Working Space, Add	*10.44*	
23 05 23 00-0235	EA	3/8" Threaded, Stainless Steel Body, Three Piece Ball Valve	330.21	11.96
		For Work In Restricted Working Space, Add	*10.99*	
23 05 23 00-0236	EA	1/2" Threaded, Stainless Steel Body, Three Piece Ball Valve	348.07	11.96
		For Work In Restricted Working Space, Add	*11.57*	
23 05 23 00-0237	EA	3/4" Threaded, Stainless Steel Body, Three Piece Ball Valve	505.00	13.15
		For Work In Restricted Working Space, Add	*15.59*	
23 05 23 00-0238	EA	1" Threaded, Stainless Steel Body, Three Piece Ball Valve	615.67	14.95
		For Work In Restricted Working Space, Add	*18.88*	
23 05 23 00-0239	EA	1-1/4" Threaded, Stainless Steel Body, Three Piece Ball Valve	718.98	15.91
		For Work In Restricted Working Space, Add	*23.91*	
23 05 23 00-0240	EA	1-1/2" Threaded, Stainless Steel Body, Three Piece Ball Valve	962.95	18.41
		For Work In Restricted Working Space, Add	*27.59*	
23 05 23 00-0241	EA	2" Threaded, Stainless Steel Body, Three Piece Ball Valve	1,253.38	21.76
		For Work In Restricted Working Space, Add	*32.61*	
23 05 23 00-0242	EA	3" Threaded, Stainless Steel Body, Three Piece Ball Valve	3,296.61	37.07
		For Work In Restricted Working Space, Add	*55.18*	
23 05 23 00-0243		**Globe Valves** *(23 05 23)*		
23 05 23 00-0244		**Threaded Or Sweated, 125 Lb., Bronze Body, Globe Valves** *(23 05 23 00-0243)*		
23 05 23 00-0245	EA	1/8" Threaded Or Sweated, 125 Lb., Bronze Body, Globe Valve	76.71	11.96
		For 300 Lb. Rating, Add	*20.98*	
		For 200 Lb. Rating, Add	*14.49*	
		For 250 Lb. Rating, Add	*17.16*	
		For 150 Lb. Rating, Add	*11.82*	
		For Work In Restricted Working Space, Add	*11.57*	
23 05 23 00-0246	EA	1/4" Threaded Or Sweated, 125 Lb., Bronze Body, Globe Valve	72.95	11.96
		For 300 Lb. Rating, Add	*20.98*	
		For 200 Lb. Rating, Add	*14.49*	
		For 250 Lb. Rating, Add	*17.16*	
		For 150 Lb. Rating, Add	*11.82*	
		For Work In Restricted Working Space, Add	*10.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0247	EA	3/8" Threaded Or Sweated, 125 Lb., Bronze Body, Globe Valve	93.57	11.96
		For 300 Lb. Rating, Add	*31.31*	
		For 200 Lb. Rating, Add	*21.63*	
		For 250 Lb. Rating, Add	*25.62*	
		For 150 Lb. Rating, Add	*17.65*	
		For Work In Restricted Working Space, Add	*10.99*	
23 05 23 00-0248	EA	1/2" Threaded Or Sweated, 125 Lb., Bronze Body, Globe Valve	95.50	11.96
		For 300 Lb. Rating, Add	*31.31*	
		For 200 Lb. Rating, Add	*21.63*	
		For 250 Lb. Rating, Add	*25.62*	
		For 600 Lb. Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add	*78.05*	
		For 150 Lb. Rating, Add	*17.65*	
		For Work In Restricted Working Space, Add	*11.57*	
23 05 23 00-0249	EA	3/4" Threaded Or Sweated, 125 Lb., Bronze Body, Globe Valve	113.70	12.55
		For 300 Lb. Rating, Add	*33.95*	
		For 200 Lb. Rating, Add	*23.45*	
		For 250 Lb. Rating, Add	*27.77*	
		For 600 Lb. Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add	*88.68*	
		For 150 Lb. Rating, Add	*19.13*	
		For Work In Restricted Working Space, Add	*15.59*	
23 05 23 00-0250	EA	1" Threaded Or Sweated, 125 Lb., Bronze Body, Globe Valve	146.34	12.55
		For 300 Lb. Rating, Add	*45.88*	
		For 200 Lb. Rating, Add	*31.70*	
		For 250 Lb. Rating, Add	*37.53*	
		For 600 Lb. Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add	*116.92*	
		For 150 Lb. Rating, Add	*25.86*	
		For Work In Restricted Working Space, Add	*18.88*	
23 05 23 00-0251	EA	1-1/4" Threaded Or Sweated, 125 Lb., Bronze Body, Globe Valve	223.77	15.91
		For 300 Lb. Rating, Add	*79.23*	
		For 200 Lb. Rating, Add	*54.74*	
		For 250 Lb. Rating, Add	*64.83*	
		For 600 Lb. Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add	*190.35*	
		For 150 Lb. Rating, Add	*44.66*	
		For Work In Restricted Working Space, Add	*23.91*	
23 05 23 00-0252	EA	1-1/2" Threaded Or Sweated, 125 Lb., Bronze Body, Globe Valve	297.86	18.41
		For 300 Lb. Rating, Add	*113.24*	
		For 200 Lb. Rating, Add	*78.24*	
		For 250 Lb. Rating, Add	*92.65*	
		For 600 Lb. Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add	*263.27*	
		For 150 Lb. Rating, Add	*63.83*	
		For Work In Restricted Working Space, Add	*27.59*	
23 05 23 00-0253	EA	2" Threaded Or Sweated, 125 Lb., Bronze Body, Globe Valve	350.73	21.75
		For 300 Lb. Rating, Add	*133.12*	
		For 200 Lb. Rating, Add	*91.98*	
		For 250 Lb. Rating, Add	*108.92*	
		For 600 Lb. Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add	*309.72*	
		For 150 Lb. Rating, Add	*75.03*	
		For Work In Restricted Working Space, Add	*32.61*	
23 05 23 00-0254	EA	2-1/2" Threaded Or Sweated, 125 Lb., Bronze Body, Globe Valve	390.82	29.40
		For 300 Lb. Rating, Add	*134.22*	
		For 200 Lb. Rating, Add	*92.73*	
		For 250 Lb. Rating, Add	*109.81*	
		For 150 Lb. Rating, Add	*75.65*	
		For Work In Restricted Working Space, Add	*44.04*	
23 05 23 00-0255	EA	3" Threaded Or Sweated, 125 Lb., Bronze Body, Globe Valve	716.09	34.13
		For 300 Lb. Rating, Add	*300.70*	
		For 200 Lb. Rating, Add	*207.75*	
		For 250 Lb. Rating, Add	*246.02*	
		For 150 Lb. Rating, Add	*169.48*	
		For Work In Restricted Working Space, Add	*50.81*	
23 05 23 00-0256		Threaded, 125 Lb., Outside Stem And Yoke, Iron Body, Globe Valves *(23 05 23 00-0243)*		
23 05 23 00-0257	EA	2" Threaded, 125 Lb., Outside Stem And Yoke, Iron Body, Globe Valve	533.94	21.75
		For 300 Lb. Rating, Add	*233.89*	
		For Chain Operated Type, Add	*355.08*	
		For 200 Lb. Rating, Add	*161.60*	
		For 250 Lb. Rating, Add	*191.36*	
		For 150 Lb. Rating, Add	*131.83*	
		For Work In Restricted Working Space, Add	*32.61*	
23 05 23 00-0258	EA	2-1/2" Threaded, 125 Lb., Outside Stem And Yoke, Iron Body, Globe Valve	662.24	29.40
		For 300 Lb. Rating, Add	*283.50*	
		For Chain Operated Type, Add	*430.40*	
		For 200 Lb. Rating, Add	*195.87*	
		For 250 Lb. Rating, Add	*231.95*	
		For 150 Lb. Rating, Add	*159.79*	
		For Work In Restricted Working Space, Add	*44.04*	
23 05 23 00-0259	EA	3" Threaded, 125 Lb., Outside Stem And Yoke, Iron Body, Globe Valve	787.91	34.13
		For 300 Lb. Rating, Add	*340.20*	
		For Chain Operated Type, Add	*516.48*	
		For 200 Lb. Rating, Add	*235.05*	
		For 250 Lb. Rating, Add	*278.34*	
		For 150 Lb. Rating, Add	*191.75*	
		For Work In Restricted Working Space, Add	*50.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0260	EA	4" Threaded, 125 Lb., Outside Stem And Yoke, Iron Body, Globe Valve	1,017.33	38.53
		For 300 Lb. Rating, Add	*453.60*	
		For Chain Operated Type, Add	*688.64*	
		For 200 Lb. Rating, Add	*313.39*	
		For 250 Lb. Rating, Add	*371.12*	
		For 150 Lb. Rating, Add	*255.66*	
		For Work In Restricted Working Space, Add	*57.78*	
23 05 23 00-0261		Flanged, 125 Lb., Outside Stem And Yoke, Iron Body, Globe Valves *(23 05 23 00-0243)*		
23 05 23 00-0262	EA	2" Flanged, 125 Lb., Outside Stem And Yoke, Iron Body, Globe Valve	720.10	159.37
		For Chain Operated Type, Add	*260.42*	
		For 150 Lb. Rating, Add	*161.46*	
		For 250 Lb. Rating, Add	*234.38*	
		For Work In Restricted Working Space, Add	*59.78*	
23 05 23 00-0263	EA	2-1/2" Flanged, 125 Lb., Outside Stem And Yoke, Iron Body, Globe Valve	835.10	159.63
		For Chain Operated Type, Add	*317.47*	
		For 150 Lb. Rating, Add	*196.83*	
		For 250 Lb. Rating, Add	*285.72*	
		For Work In Restricted Working Space, Add	*60.05*	
23 05 23 00-0264	EA	3" Flanged, 125 Lb., Outside Stem And Yoke, Iron Body, Globe Valve	996.16	187.16
		For Chain Operated Type, Add	*380.96*	
		For 150 Lb. Rating, Add	*236.20*	
		For 250 Lb. Rating, Add	*342.86*	
		For Work In Restricted Working Space, Add	*70.27*	
23 05 23 00-0265	EA	4" Flanged, 125 Lb., Outside Stem And Yoke, Iron Body, Globe Valve	1,409.07	313.75
		For Chain Operated Type, Add	*507.95*	
		For 150 Lb. Rating, Add	*314.93*	
		For 250 Lb. Rating, Add	*457.15*	
		For Work In Restricted Working Space, Add	*117.95*	
23 05 23 00-0266	EA	5" Flanged, 125 Lb., Outside Stem And Yoke, Iron Body, Globe Valve	1,850.15	350.48
		For Chain Operated Type, Add	*706.36*	
		For 150 Lb. Rating, Add	*437.94*	
		For 250 Lb. Rating, Add	*635.72*	
		For Work In Restricted Working Space, Add	*131.23*	
23 05 23 00-0267	EA	6" Flanged, 125 Lb., Outside Stem And Yoke, Iron Body, Globe Valve	2,274.27	389.43
		For Chain Operated Type, Add	*892.87*	
		For 150 Lb. Rating, Add	*553.58*	
		For 250 Lb. Rating, Add	*803.58*	
		For Work In Restricted Working Space, Add	*146.56*	
23 05 23 00-0268	EA	8" Flanged, 125 Lb., Outside Stem And Yoke, Iron Body, Globe Valve	3,364.21	497.61
		For Chain Operated Type, Add	*1,373.04*	
		For 150 Lb. Rating, Add	*851.28*	
		For 250 Lb. Rating, Add	*1,235.73*	
		For Work In Restricted Working Space, Add	*185.44*	
23 05 23 00-0269	EA	10" Flanged, 125 Lb., Outside Stem And Yoke, Iron Body, Globe Valve	4,939.82	605.78
		For Chain Operated Type, Add	*2,091.30*	
		For 150 Lb. Rating, Add	*1,296.61*	
		For 250 Lb. Rating, Add	*1,882.17*	
		For Work In Restricted Working Space, Add	*227.17*	
23 05 23 00-0270	EA	12" Flanged, 125 Lb., Outside Stem And Yoke, Iron Body, Globe Valve	8,832.46	735.58
		For Chain Operated Type, Add	*3,957.31*	
		For 150 Lb. Rating, Add	*2,453.53*	
		For 250 Lb. Rating, Add	*3,561.58*	
		For Work In Restricted Working Space, Add	*275.35*	
23 05 23 00-0271		Threaded Or Sweated, 125 Lb., Bronze Body, Angle Globe Valves *(23 05 23 00-0243)*		
23 05 23 00-0272	EA	1/8" Threaded Or Sweated, 125 Lb., Bronze Body, Angle Globe Valve	67.46	11.96
		For 200 Lb. Rating, Add	*10.98*	
		For 150 Lb. Rating, Add	*8.96*	
		For 300 Lb. Rating, Add	*15.89*	
		For Work In Restricted Working Space, Add	*11.57*	
23 05 23 00-0273	EA	1/4" Threaded Or Sweated, 125 Lb., Bronze Body, Angle Globe Valve	63.70	11.96
		For 200 Lb. Rating, Add	*10.98*	
		For 150 Lb. Rating, Add	*8.96*	
		For 300 Lb. Rating, Add	*15.89*	
		For Work In Restricted Working Space, Add	*10.44*	
23 05 23 00-0274	EA	3/8" Threaded Or Sweated, 125 Lb., Bronze Body, Angle Globe Valve	65.53	11.96
		For 200 Lb. Rating, Add	*10.98*	
		For 150 Lb. Rating, Add	*8.96*	
		For 300 Lb. Rating, Add	*15.89*	
		For Work In Restricted Working Space, Add	*10.99*	
23 05 23 00-0275	EA	1/2" Threaded Or Sweated, 125 Lb., Bronze Body, Angle Globe Valve	69.39	11.96
		For 200 Lb. Rating, Add	*11.71*	
		For 150 Lb. Rating, Add	*9.55*	
		For 300 Lb. Rating, Add	*16.95*	
		For Work In Restricted Working Space, Add	*11.57*	
23 05 23 00-0276	EA	3/4" Threaded Or Sweated, 125 Lb., Bronze Body, Angle Globe Valve	94.72	12.55
		For 200 Lb. Rating, Add	*16.24*	
		For 150 Lb. Rating, Add	*13.25*	
		For 300 Lb. Rating, Add	*23.51*	
		For Work In Restricted Working Space, Add	*15.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0277	EA	1" Threaded Or Sweated, 125 Lb., Bronze Body, Angle Globe Valve	119.01	12.55
		For 200 Lb. Rating, Add	*21.31*	
		For 150 Lb. Rating, Add	*17.38*	
		For 300 Lb. Rating, Add	*30.84*	
		For Work In Restricted Working Space, Add	*18.88*	
23 05 23 00-0278	EA	1-1/4" Threaded Or Sweated, 125 Lb., Bronze Body, Angle Globe Valve	163.02	15.91
		For 200 Lb. Rating, Add	*31.66*	
		For 150 Lb. Rating, Add	*25.83*	
		For 300 Lb. Rating, Add	*45.82*	
		For Work In Restricted Working Space, Add	*23.91*	
23 05 23 00-0279	EA	1-1/2" Threaded Or Sweated, 125 Lb., Bronze Body, Angle Globe Valve	189.10	18.41
		For 200 Lb. Rating, Add	*36.91*	
		For 150 Lb. Rating, Add	*30.11*	
		For 300 Lb. Rating, Add	*53.42*	
		For Work In Restricted Working Space, Add	*27.59*	
23 05 23 00-0280	EA	2" Threaded Or Sweated, 125 Lb., Bronze Body, Angle Globe Valve	254.98	21.75
		For 200 Lb. Rating, Add	*55.59*	
		For 150 Lb. Rating, Add	*45.35*	
		For 300 Lb. Rating, Add	*80.46*	
		For Work In Restricted Working Space, Add	*32.61*	
23 05 23 00-0281	EA	2-1/2" Threaded Or Sweated, 125 Lb., Bronze Body, Angle Globe Valve	423.30	31.92
		For 200 Lb. Rating, Add	*100.28*	
		For 150 Lb. Rating, Add	*81.81*	
		For 300 Lb. Rating, Add	*145.14*	
		For Work In Restricted Working Space, Add	*47.82*	
23 05 23 00-0282	EA	3" Threaded Or Sweated, 125 Lb., Bronze Body, Angle Globe Valve	630.83	37.07
		For 200 Lb. Rating, Add	*169.82*	
		For 150 Lb. Rating, Add	*138.54*	
		For 300 Lb. Rating, Add	*245.80*	
		For Work In Restricted Working Space, Add	*55.18*	
23 05 23 00-0283		**Flanged, 125 Lb., Iron Body, Angle Globe Valves** *(23 05 23 00-0243)*		
23 05 23 00-0284	EA	2" Flanged, 125 Lb., Iron Body, Angle Globe Valve	1,539.29	159.37
		For 250 Lb. Rating, Add	*804.02*	
		For Chain Operated Type, Add	*522.61*	
		For Work In Restricted Working Space, Add	*59.78*	
23 05 23 00-0285	EA	2-1/2" Flanged, 125 Lb., Iron Body, Angle Globe Valve	1,784.99	159.63
		For 250 Lb. Rating, Add	*950.89*	
		For Chain Operated Type, Add	*618.08*	
		For Work In Restricted Working Space, Add	*60.05*	
23 05 23 00-0286	EA	3" Flanged, 125 Lb., Iron Body, Angle Globe Valve	2,101.83	187.16
		For 250 Lb. Rating, Add	*1,120.55*	
		For Chain Operated Type, Add	*728.36*	
		For Work In Restricted Working Space, Add	*70.27*	
23 05 23 00-0287	EA	4" Flanged, 125 Lb., Iron Body, Angle Globe Valve	3,060.63	313.75
		For 250 Lb. Rating, Add	*1,600.47*	
		For Chain Operated Type, Add	*1,040.31*	
		For Work In Restricted Working Space, Add	*117.95*	
23 05 23 00-0288	EA	5" Flanged, 125 Lb., Iron Body, Angle Globe Valve	5,218.01	350.48
		For 250 Lb. Rating, Add	*2,868.35*	
		For Chain Operated Type, Add	*1,864.43*	
		For Work In Restricted Working Space, Add	*131.23*	
23 05 23 00-0289	EA	6" Flanged, 125 Lb., Iron Body, Angle Globe Valve	5,269.11	389.43
		For 250 Lb. Rating, Add	*2,868.35*	
		For Chain Operated Type, Add	*1,864.43*	
		For Work In Restricted Working Space, Add	*146.56*	
23 05 23 00-0290	EA	8" Flanged, 125 Lb., Iron Body, Angle Globe Valve	9,974.68	497.61
		For 250 Lb. Rating, Add	*5,613.92*	
		For Chain Operated Type, Add	*3,649.05*	
		For Work In Restricted Working Space, Add	*185.44*	
23 05 23 00-0291		**Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valves** *(23 05 23 00-0243)* Note: 800 PSIG at 850 degrees F.		
23 05 23 00-0292	EA	1/4" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve	219.62	19.37
		For Work In Restricted Working Space, Add	*10.44*	
23 05 23 00-0293	EA	1/2" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve	223.38	19.37
		For Work In Restricted Working Space, Add	*11.57*	
23 05 23 00-0294	EA	3/4" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve	262.23	26.06
		For Work In Restricted Working Space, Add	*15.59*	
23 05 23 00-0295	EA	1" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve	324.04	31.44
		For Work In Restricted Working Space, Add	*18.88*	
23 05 23 00-0296	EA	1-1/4" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve	527.33	39.81
		For Work In Restricted Working Space, Add	*23.91*	
23 05 23 00-0297	EA	1-1/2" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve	632.85	46.02
		For Work In Restricted Working Space, Add	*27.59*	
23 05 23 00-0298	EA	2" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve	805.56	54.40
		For Work In Restricted Working Space, Add	*32.61*	
23 05 23 00-0299		**Triple Duty Valves** *(23 05 23)* Note: Valves function as a shut-off, check valve and calibrated balancing valve.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0300		**Straight Pattern, Triple Duty Valves** *(23 05 23 00-0299)* Note: Bell & Gossett 3DX and 3DS-S Series.		
23 05 23 00-0301	EA	1" Threaded, Straight Pattern, Triple Duty Valve	320.45	12.55
23 05 23 00-0302	EA	1-1/4" Threaded, Straight Pattern, Triple Duty Valve	371.21	15.91
23 05 23 00-0303	EA	1-1/2" Threaded, Straight Pattern, Triple Duty Valve	402.96	18.41
23 05 23 00-0304	EA	2" Flanged, Straight Pattern, Triple Duty Valve	1,044.84	159.37
23 05 23 00-0305	EA	2-1/2" Flanged, Straight Pattern, Triple Duty Valve	1,176.96	159.63
23 05 23 00-0306	EA	3" Flanged, Straight Pattern, Triple Duty Valve	1,288.78	187.16
23 05 23 00-0307	EA	4" Flanged, Straight Pattern, Triple Duty Valve	2,638.33	313.75
23 05 23 00-0308	EA	5" Flanged, Straight Pattern Triple Duty Valve	3,085.93	350.48
23 05 23 00-0309	EA	6" Flanged, Straight Pattern, Triple Duty Valve	4,104.10	389.43
23 05 23 00-0310	EA	8" Flanged, Straight Pattern, Triple Duty Valve	5,526.38	497.61
23 05 23 00-0311	EA	10" Flanged, Straight Pattern, Triple Duty Valve	8,863.10	605.78
23 05 23 00-0312		**Flanged, Angle Pattern, Triple Duty Valves** *(23 05 23 00-0299)* Note: Bell & Gossett 3D-S Series.		
23 05 23 00-0313	EA	2" Flanged, Angle Pattern, Triple Duty Valve	1,020.54	159.37
23 05 23 00-0314	EA	2-1/2" Flanged, Angle Pattern, Triple Duty Valve	1,147.80	159.63
23 05 23 00-0315	EA	3" Flanged, Angle Pattern, Triple Duty Valve	1,264.48	187.16
23 05 23 00-0316	EA	4" Flanged, Angle Pattern, Triple Duty Valve	2,575.16	313.75
23 05 23 00-0317	EA	5" Flanged, Angle Pattern, Triple Duty Valve	3,008.18	350.48
23 05 23 00-0318	EA	6" Flanged, Angle Pattern, Triple Duty Valve	3,375.16	389.43
23 05 23 00-0319	EA	8" Flanged, Angle Pattern, Triple Duty Valve	5,181.34	497.61
23 05 23 00-0320	EA	10" Flanged, Angle Pattern, Triple Duty Valve	6,924.10	605.78
23 05 23 00-0321		**Balanced, Straight Pattern, Triple Duty Valves** *(23 05 23 00-0299)* Note: Bell & Gossett 3DS-B Series.		
23 05 23 00-0322	EA	3" Flanged, Balanced, Straight Pattern, Triple Duty Valve	1,181.87	187.16
23 05 23 00-0323	EA	4" Flanged, Balanced, Straight Pattern, Triple Duty Valve	2,356.47	313.75
23 05 23 00-0324	EA	5" Flanged, Balanced, Straight Pattern, Triple Duty Valve	2,760.34	350.48
23 05 23 00-0325	EA	6" Flanged, Balanced, Straight Pattern, Triple Duty Valve	3,661.87	389.43
23 05 23 00-0326	EA	8" Flanged, Balanced, Straight Pattern, Triple Duty Valve	4,923.78	497.61
23 05 23 00-0327	EA	10" Flanged, Balanced, Straight Pattern, Triple Duty Valve	7,857.15	605.78
23 05 23 00-0328	EA	12" Flanged, Balanced, Straight Pattern, Triple Duty Valve	11,823.06	735.58
23 05 23 00-0329	EA	14" Flanged, Balanced, Straight Pattern, Triple Duty Valve	14,369.82	865.39
23 05 23 00-0330	EA	16" Flanged, Balanced, Straight Pattern, Triple Duty Valve	18,000.39	951.94
23 05 23 00-0331		**Grooved Straight Pattern, Triple Duty Valves** *(23 05 23 00-0299)* Note: Bell & Gossett 3DS-G Series.		
23 05 23 00-0332	EA	2" Grooved, Straight Pattern, Triple Duty Valve	1,112.76	29.53
23 05 23 00-0333	EA	2-1/2" Grooved, Straight Pattern, Triple Duty Valve	1,326.41	35.23
23 05 23 00-0334	EA	3" Grooved, Straight Pattern, Triple Duty Valve	1,544.30	38.20
23 05 23 00-0335	EA	4" Grooved, Straight Pattern, Triple Duty Valve	2,564.91	41.17
23 05 23 00-0336	EA	5" Grooved, Straight Pattern, Triple Duty Valve	2,973.70	55.17
23 05 23 00-0337	EA	6" Grooved, Straight Pattern Triple Duty Valve	3,964.56	70.75
23 05 23 00-0338	EA	8" Grooved, Straight Pattern Triple Duty Valve	5,392.26	89.79
23 05 23 00-0339	EA	10" Grooved, Straight Pattern Triple Duty Valve	8,510.03	100.60
23 05 23 00-0340	EA	12" Grooved, Straight Pattern Triple Duty Valve	13,512.48	122.67
23 05 23 00-0341		**Plug Valves** *(23 05 23)*		
23 05 23 00-0342		**Plug Valves, Lubricated, Semisteel Screwed, Wrench Operated** *(23 05 23 00-0341)* Note: Includes wrench.		
23 05 23 00-0343	EA	1/2" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench	308.90	11.96
23 05 23 00-0344	EA	3/4" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench	322.31	13.15
23 05 23 00-0345	EA	1" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench	407.73	14.95
23 05 23 00-0346	EA	1-1/4" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench	487.96	15.91
23 05 23 00-0347	EA	1-1/2" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench	536.08	18.41
23 05 23 00-0348	EA	2" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench	632.79	21.75
23 05 23 00-0349	EA	2-1/2" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench	949.49	29.40
23 05 23 00-0350	EA	3" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench	1,162.40	34.13
23 05 23 00-0351		**Plug Valves, Lubricated, Semisteel Flanged** *(23 05 23 00-0341)* Note: Wrench operated for 4", gear operated for 6" and 10".		
23 05 23 00-0352	EA	2" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	755.45	159.37
23 05 23 00-0353	EA	2-1/2" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	932.81	159.63
23 05 23 00-0354	EA	3" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	1,154.83	187.16
23 05 23 00-0355	EA	4" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	1,639.82	313.75
23 05 23 00-0356	EA	6" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	3,814.17	389.43
23 05 23 00-0357	EA	8" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	6,609.66	497.61
23 05 23 00-0358	EA	10" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	10,741.81	605.78
23 05 23 00-0359	EA	12" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	16,073.09	735.58
23 05 23 00-0360		**Plug Valves, Forged Steel, Screwed** *(23 05 23 00-0341)*		
23 05 23 00-0361	EA	1/2" Plug Valve, 1,500 Lb., Forged Steel, Screwed	1,194.85	11.96

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0362	EA	3/4" Plug Valve, 1,500 Lb., Forged Steel, Screwed	1,411.43	13.15
23 05 23 00-0363	EA	1" Plug Valve, 1,500 Lb., Forged Steel, Screwed	1,595.44	14.95
23 05 23 00-0364	EA	1-1/4" Plug Valve, 1,500 Lb., Forged Steel, Screwed	1,914.04	15.91
23 05 23 00-0365	EA	1-1/2" Plug Valve, 1,500 Lb., Forged Steel, Screwed	2,228.96	18.41
23 05 23 00-0366	EA	2" Plug Valve, 1,500 Lb., Forged Steel, Screwed	2,932.93	21.75
23 05 23 00-0367		Plug Valves, Eccentric, Cast Iron Flanged *(23 05 23 00-0341)*		
23 05 23 00-0368	EA	4" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI	1,205.18	313.75
23 05 23 00-0369	EA	6" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI	1,880.90	389.43
23 05 23 00-0370	EA	8" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI	2,558.96	497.61
23 05 23 00-0371	EA	10" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI	3,629.84	605.78
23 05 23 00-0372	EA	12" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI	4,687.64	735.58
23 05 23 00-0373		Foot Valves *(23 05 23)*		
23 05 23 00-0374		Single Poppet Foot Valves, Metal To Metal Seat Construction *(23 05 23 00-0373)*		
23 05 23 00-0375	EA	1" Single Poppet Foot Valve, Metal To Metal Seat Construction	99.80	29.90
23 05 23 00-0376	EA	1-1/4" Single Poppet Foot Valve, Metal To Metal Seat Construction	113.57	33.48
23 05 23 00-0377	EA	1-1/2" Single Poppet Foot Valve, Metal To Metal Seat Construction	146.07	38.27
23 05 23 00-0378	EA	2" Single Poppet Foot Valve, Metal To Metal Seat Construction	192.77	43.05
23 05 23 00-0379	EA	2-1/2" Single Poppet Foot Valve, Metal To Metal Seat Construction	441.97	70.56
23 05 23 00-0380	EA	3" Single Poppet Foot Valve, Metal To Metal Seat Construction	565.49	86.11
23 05 23 00-0381		Double Poppet Foot Valves, Metal To Metal Seat Construction *(23 05 23 00-0373)*		
23 05 23 00-0382	EA	1" Double Poppet Foot Valve, Metal To Metal Seat Construction	99.80	29.90
23 05 23 00-0383	EA	1-1/4" Double Poppet Foot Valve, Metal To Metal Seat Construction	216.35	33.48
23 05 23 00-0384	EA	1-1/2" Double Poppet Foot Valve, Metal To Metal Seat Construction	205.36	38.27
23 05 23 00-0385	EA	2" Double Poppet Foot Valve, Metal To Metal Seat Construction	279.69	43.05
23 05 23 00-0386	EA	3" Double Poppet Foot Valve, Metal To Metal Seat Construction	549.74	70.56
23 05 23 00-0387	EA	4" Double Poppet Foot Valve, Metal To Metal Seat Construction	748.36	84.92
23 05 23 00-0388		Float Valves *(23 05 23)*		
23 05 23 00-0389		Float Valve Assembly For Maintaining Liquid Level In Tanks *(23 05 23 00-0388)*		
23 05 23 00-0390		Single Seat, Bronze Construction *(23 05 23 00-0389)*		
		Note: For storage tanks, reservoirs, cooling towers and filtration plants.		
23 05 23 00-0391	EA	Inlet Size 1/2", Maximum PSI 100, Single Seat Float Valve	236.03	25.11
23 05 23 00-0392	EA	Inlet Size 3/4", Maximum PSI 100, Single Seat Float Valve	270.46	29.89
23 05 23 00-0393	EA	Inlet Size 1", Maximum PSI 100, Single Seat Float Valve	351.56	32.28
23 05 23 00-0394	EA	Inlet Size 1-1/4", Maximum PSI 90, Single Seat Float Valve	587.78	40.65
23 05 23 00-0395	EA	Inlet Size 1-1/2", Maximum PSI 90, Single Seat Float Valve	599.74	46.63
23 05 23 00-0396		Double Seat, Bronze Construction *(23 05 23 00-0389)*		
		Note: For hot or cold water or oil to open tanks.		
23 05 23 00-0397	EA	Pipe Size 1/2" Maximum PSI 150, Double Seat Float Valve	1,276.37	25.11
23 05 23 00-0398	EA	Pipe Size 3/4" Maximum PSI 150, Double Seat Float Valve	1,285.94	29.89
23 05 23 00-0399	EA	Pipe Size 1" Maximum PSI 150, Double Seat Float Valve	1,484.59	32.28
23 05 23 00-0400	EA	Pipe Size 1-1/4" Maximum PSI 150, Double Seat Float Valve	1,640.66	40.65
23 05 23 00-0401	EA	Pipe Size 1-1/2" Maximum PSI 150, Double Seat Float Valve	1,875.56	46.63
23 05 23 00-0402	EA	Pipe Size 2" Maximum PSI 150, Double Seat Float Valve	2,460.79	54.99
23 05 23 00-0403	EA	Pipe Size 2-1/2" Maximum PSI 150, Double Seat Float Valve	2,860.69	73.76
23 05 23 00-0404	EA	Pipe Size 3" Maximum PSI 150, Double Seat Float Valve	3,441.15	84.77
23 05 23 00-0405		Float Valve Single Seated Balanced For Air Oil Or Water *(23 05 23 00-0388)*		
		Note: Includes arm, ball and bracket.		
23 05 23 00-0406		Brass Body Threaded Ends *(23 05 23 00-0405)*		
23 05 23 00-0407	EA	1/2" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket	247.78	32.39
23 05 23 00-0408	EA	3/4" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket	280.18	35.99
23 05 23 00-0409	EA	1" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket	347.44	39.81
23 05 23 00-0410	EA	1-1/4" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket	555.29	64.32
23 05 23 00-0411	EA	1-1/2" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket	581.11	73.29
23 05 23 00-0412	EA	2" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket	653.61	90.86
23 05 23 00-0413		Cast Iron Body Flanged *(23 05 23 00-0405)*		
23 05 23 00-0414	EA	2-1/2" Cast Iron Body, Flanged, Float Valve, Single Seated With Arm Ball And Bracket	8,035.85	159.63
23 05 23 00-0415	EA	3" Cast Iron Body, Flanged, Float Valve, Single Seated With Arm Ball And Bracket	9,716.91	187.16
23 05 23 00-0416		Float Operated Valves *(23 05 23 00-0388)*		
23 05 23 00-0417		For Condensate Receivers Tanks And Vessels *(23 05 23 00-0416)*		
		Note: Cast iron body, self-contained, float in-line mount.		
23 05 23 00-0418	EA	1" Inlet, Float Operated Valve, Single Seated With Arm Ball And Bracket	892.47	56.19

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0419		For Condensate Receivers Tanks And Vessels *(23 05 23 00-0416)*		
		Note: Cast iron body, external float tank mount, flanged.		
23 05 23 00-0420	EA	3/4" Inlet, Float Operated Valve, Single Seated With Arm Ball And Bracket	1,120.96	104.58
23 05 23 00-0421		Needle Valves *(23 05 23)*		
23 05 23 00-0422		Bronze Needle Valve *(23 05 23 00-0421)*		
		Note: For heating and cooling applications.		
23 05 23 00-0423	EA	1/4" Needle Valve, Bronze	122.65	11.96
23 05 23 00-0424	EA	3/8" Needle Valve, Bronze	136.85	11.96
23 05 23 00-0425	EA	1/2" Needle Valve, Bronze	149.76	11.96
23 05 23 00-0426	EA	3/4" Needle Valve, Bronze	227.60	13.15
23 05 23 00-0427	EA	1" Needle Valve, Bronze	349.40	14.95
23 05 23 00-0428		Eccentric Valves With Taps *(23 05 23)*		
23 05 23 00-0429		Screwed Eccentric Valves With Taps *(23 05 23 00-0428)*		
23 05 23 00-0430	EA	1/2" Diameter Eccentric Valves With Taps, Screwed	311.93	11.96
23 05 23 00-0431	EA	3/4" Diameter Eccentric Valves With Taps, Screwed	329.55	13.15
23 05 23 00-0432	EA	1" Diameter Eccentric Valves With Taps, Screwed	416.20	14.95
23 05 23 00-0433	EA	1-1/4" Diameter Eccentric Valves With Taps, Screwed	504.48	15.91
23 05 23 00-0434	EA	1-1/2" Diameter Eccentric Valves With Taps, Screwed	550.38	18.41
23 05 23 00-0435	EA	2" Diameter Eccentric Valves With Taps, Screwed	647.01	21.75
23 05 23 00-0436	EA	2-1/2" Diameter Eccentric Valves With Taps, Screwed	979.50	29.40
23 05 23 00-0437	EA	3" Diameter Eccentric Valves With Taps, Screwed	1,191.33	34.13
23 05 23 00-0438		Flanged Eccentric Valves With Taps *(23 05 23 00-0428)*		
23 05 23 00-0439	EA	2-1/2" Diameter Eccentric Valves With Taps, Flanged	1,188.49	159.63
23 05 23 00-0440	EA	3" Diameter Eccentric Valves With Taps, Flanged	1,411.81	187.16
23 05 23 00-0441	EA	4" Diameter Eccentric Valves With Taps, Flanged	1,886.17	313.75
23 05 23 00-0442	EA	5" Diameter Eccentric Valves With Taps, Flanged	2,540.23	350.48
23 05 23 00-0443	EA	6" Diameter Eccentric Valves With Taps, Flanged	3,222.17	389.43
23 05 23 00-0444	EA	8" Diameter Eccentric Valves With Taps, Flanged	5,559.72	497.61
23 05 23 00-0445	EA	10" Diameter Eccentric Valves With Taps, Flanged	7,801.60	605.78
23 05 23 00-0446	EA	12" Diameter Eccentric Valves With Taps, Flanged	13,429.50	735.58
23 05 23 00-0447		Earthquake-Sensitive Gas Shut-Off Valves *(23 05 23)*		
23 05 23 00-0448		0.5 PSI Threaded Earthquake Gas Shutoff Valves *(23 05 23 00-0447)*		
23 05 23 00-0449	EA	3/4" Diameter Threaded, 0.5 PSI Earthquake Gas Shutoff Valve	185.19	13.15
23 05 23 00-0450	EA	1" Diameter Threaded, 0.5 PSI Earthquake Gas Shutoff Valve	209.58	14.95
23 05 23 00-0451		7 PSI Threaded Earthquake Gas Shutoff Valves *(23 05 23 00-0447)*		
23 05 23 00-0452	EA	1-1/4" Diameter Threaded, 7 PSI Earthquake Gas Shutoff Valve	244.69	15.91
23 05 23 00-0453	EA	1-1/2" Diameter Threaded, 7 PSI Earthquake Gas Shutoff Valve	330.28	18.41
23 05 23 00-0454		60 PSI Threaded Earthquake Gas Shutoff Valves *(23 05 23 00-0447)*		
23 05 23 00-0455	EA	3/4" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve	229.18	13.15
23 05 23 00-0456	EA	1" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve	240.13	14.95
23 05 23 00-0457	EA	1-1/4" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve	269.14	15.91
23 05 23 00-0458	EA	1-1/2" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve	366.94	18.41
23 05 23 00-0459	EA	2" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve	841.95	21.75
23 05 23 00-0460	EA	2-1/2" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve	1,001.75	29.29
23 05 23 00-0461	EA	3" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve	1,299.81	34.13
23 05 23 00-0462	EA	4" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve	1,506.43	38.53
23 05 23 00-0463		60 PSI Flanged Earthquake Gas Shutoff Valves *(23 05 23 00-0447)*		
23 05 23 00-0464	EA	2" Flanged, 60 PSI Earthquake Gas Shutoff Valve	1,176.94	159.37
23 05 23 00-0465	EA	3" Flanged, 60 PSI Earthquake Gas Shutoff Valve	1,450.23	187.16
23 05 23 00-0466	EA	4" Flanged, 60 PSI Earthquake Gas Shutoff Valve	2,043.02	313.75
23 05 23 00-0467	EA	6" Flanged, 60 PSI Earthquake Gas Shutoff Valve	3,360.47	389.43
23 05 23 00-0468	EA	8" Flanged, 60 PSI Earthquake Gas Shutoff Valve	9,050.63	497.61
23 05 23 00-0469		Emergency Shut-Off Valve With Fusible Link *(23 05 23)*		
23 05 23 00-0470		Threaded, Fusible Brass Gate Valves (Morrison Bros. 939) *(23 05 23 00-0469)*		
		Note: Brass globe/gate valve used to shut off product flow in the event of a fire. Fusible element in the handwheel automatically closes the valve when in contact with 165° F.		
23 05 23 00-0471	EA	1/4" Diameter Threaded, Fusible Brass Gate Valve (Morrison Bros. 939 Series)	92.98	19.25
		For Work In Restricted Working Space, Add	*10.44*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0472	EA	3/8" Diameter Threaded, Fusible Brass Gate Valve (Morrison Bros. 939 Series)	94.86	20.32
		For Work In Restricted Working Space, Add	*11.01*	
23 05 23 00-0473	EA	1/2" Diameter Threaded, Fusible Brass Gate Valve (Morrison Bros. 939 Series)	158.28	19.25
		For Work In Restricted Working Space, Add	*11.57*	
23 05 23 00-0474	EA	3/4" Diameter Threaded, Fusible Brass Gate Valve (Morrison Bros. 939 Series)	317.79	25.94
		For Work In Restricted Working Space, Add	*15.59*	
23 05 23 00-0475	EA	1" Diameter Threaded, Fusible Brass Gate Valve (Morrison Bros. 939 Series)	816.51	31.44
		For Work In Restricted Working Space, Add	*18.88*	
23 05 23 00-0476		Threaded, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI) *(23 05 23 00-0469)*		
		Note: Ductile iron body, cap, seat and swing arm. Viton® encapsulated Teflon® o-ring, Teflon® gasket, and stainless steel spring.		
23 05 23 00-0477	EA	1-1/2" Diameter Threaded, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI)	612.49	18.41
23 05 23 00-0478	EA	2" Diameter Threaded, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI)	658.56	21.75
23 05 23 00-0479	EA	3" Diameter Threaded, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI)	1,109.16	34.13
23 05 23 00-0480		Flanged, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI) *(23 05 23 00-0469)*		
		Note: Ductile iron body, cap, seat and swing arm. Viton® encapsulated Teflon® o-ring, Teflon® gasket, and stainless steel spring.		
23 05 23 00-0481	EA	2" Diameter Flanged, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI)	757.52	159.37
23 05 23 00-0482	EA	3" Diameter Flanged, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI)	1,234.73	187.16
23 05 23 00-0483	EA	4" Diameter Flanged, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI)	2,825.70	313.75
23 05 23 00-0484		Check Valves *(23 05 23)*		
23 05 23 00-0485		Iron Body Wafer Type Check Valve *(23 05 23 00-0484)*		
23 05 23 00-0486		Single Disk Type *(23 05 23 00-0485)*		
23 05 23 00-0487	EA	2" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 Lb.	482.84	159.43
		For 300 Lb. Rating, Add	*85.05*	
		For 300 Lb. Rating, Cast Steel, Weld End, Wedge, Add	*167.44*	
		For 200 Lb. Rating, Add	*70.88*	
		For 150 Lb. Rating, Add	*59.54*	
23 05 23 00-0488	EA	2-1/2" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 Lb.	571.71	159.72
		For 300 Lb. Rating, Add	*111.43*	
		For 300 Lb. Rating, Cast Steel, Weld End, Wedge, Add	*207.20*	
		For 200 Lb. Rating, Add	*92.86*	
		For 150 Lb. Rating, Add	*78.00*	
23 05 23 00-0489	EA	3" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 Lb.	703.86	187.26
		For 300 Lb. Rating, Add	*140.85*	
		For 300 Lb. Rating, Cast Steel, Weld End, Wedge, Add	*258.15*	
		For 200 Lb. Rating, Add	*117.38*	
		For 150 Lb. Rating, Add	*98.60*	
23 05 23 00-0490	EA	4" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 Lb.	1,029.29	313.92
		For 300 Lb. Rating, Add	*190.77*	
		For 300 Lb. Rating, Cast Steel, Weld End, Wedge, Add	*364.83*	
		For 200 Lb. Rating, Add	*158.98*	
		For 150 Lb. Rating, Add	*133.54*	
23 05 23 00-0491	EA	6" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 Lb.	1,546.78	440.60
		For 300 Lb. Rating, Add	*298.81*	
		For 300 Lb. Rating, Cast Steel, Weld End, Wedge, Add	*558.37*	
		For 200 Lb. Rating, Add	*249.01*	
		For 150 Lb. Rating, Add	*209.17*	
23 05 23 00-0492	EA	8" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 Lb.	2,159.61	506.69
		For 300 Lb. Rating, Add	*458.56*	
		For 300 Lb. Rating, Cast Steel, Weld End, Wedge, Add	*814.06*	
		For 200 Lb. Rating, Add	*382.14*	
		For 150 Lb. Rating, Add	*320.99*	
23 05 23 00-0493	EA	10" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 Lb.	3,218.07	616.84
		For 300 Lb. Rating, Add	*732.41*	
		For 300 Lb. Rating, Cast Steel, Weld End, Wedge, Add	*1,253.96*	
		For 200 Lb. Rating, Add	*610.35*	
		For 150 Lb. Rating, Add	*512.69*	
23 05 23 00-0494		Twin Disc Type *(23 05 23 00-0485)*		
23 05 23 00-0495	EA	2" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 Lb.	677.98	159.43
		For 300 Lb. Rating, Add	*143.59*	
		For 300 Lb. Rating, Cast Steel, Weld End, Wedge, Add	*255.26*	
		For 200 Lb. Rating, Add	*119.66*	
		For 150 Lb. Rating, Add	*100.51*	
23 05 23 00-0496	EA	2-1/2" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 Lb.	774.70	159.72
		For 300 Lb. Rating, Add	*172.33*	
		For 300 Lb. Rating, Cast Steel, Weld End, Wedge, Add	*298.55*	
		For 200 Lb. Rating, Add	*143.61*	
		For 150 Lb. Rating, Add	*120.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0497	EA	3" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 Lb.	904.58	187.26
		For 300 Lb. Rating, Add	*201.07*	
		For 300 Lb. Rating, Cast Steel, Weld End, Wedge, Add	*348.47*	
		For 200 Lb. Rating, Add	*167.56*	
		For 150 Lb. Rating, Add	*140.75*	
23 05 23 00-0498	EA	4" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 Lb.	1,244.52	313.92
		For 300 Lb. Rating, Add	*255.34*	
		For 300 Lb. Rating, Cast Steel, Weld End, Wedge, Add	*461.69*	
		For 200 Lb. Rating, Add	*212.78*	
		For 150 Lb. Rating, Add	*178.74*	
23 05 23 00-0499	EA	6" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 Lb.	1,923.22	440.60
		For 300 Lb. Rating, Add	*411.74*	
		For 300 Lb. Rating, Cast Steel, Weld End, Wedge, Add	*727.76*	
		For 200 Lb. Rating, Add	*343.12*	
		For 150 Lb. Rating, Add	*288.22*	
23 05 23 00-0500	EA	8" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 Lb.	2,725.43	506.69
		For 300 Lb. Rating, Add	*628.80*	
		For 300 Lb. Rating, Cast Steel, Weld End, Wedge, Add	*1,069.09*	
		For 200 Lb. Rating, Add	*524.00*	
		For 150 Lb. Rating, Add	*440.16*	
23 05 23 00-0501	EA	10" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 Lb.	4,090.79	605.82
		For 300 Lb. Rating, Add	*995.83*	
		For 300 Lb. Rating, Cast Steel, Weld End, Wedge, Add	*1,648.02*	
		For 200 Lb. Rating, Add	*829.86*	
		For 150 Lb. Rating, Add	*697.08*	
23 05 23 00-0502	EA	12" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 Lb.	5,380.79	749.01
		For 300 Lb. Rating, Add	*1,334.20*	
		For 300 Lb. Rating, Cast Steel, Weld End, Wedge, Add	*2,187.99*	
		For 200 Lb. Rating, Add	*1,111.83*	
		For 150 Lb. Rating, Add	*933.94*	
23 05 23 00-0503		Lift Check Valves *(23 05 23 00-0484)*		
23 05 23 00-0504		Bronze Body, Threaded, Vertical Lift Check Valves *(23 05 23 00-0503)*		
		Note: Watts #600 series.		
23 05 23 00-0505	EA	3/8" Lift Check Valve, Bronze, Threaded	126.17	11.96
23 05 23 00-0506	EA	1/2" Lift Check Valve, Bronze, Threaded	133.52	11.96
23 05 23 00-0507	EA	3/4" Lift Check Valve, Bronze, Threaded	170.23	12.55
23 05 23 00-0508	EA	1" Lift Check Valve, Bronze, Threaded	224.32	12.55
23 05 23 00-0509	EA	1-1/4" Lift Check Valve, Bronze, Threaded	311.04	15.91
23 05 23 00-0510	EA	1-1/2" Lift Check Valve, Bronze, Threaded	378.40	18.41
23 05 23 00-0511	EA	2" Lift Check Valve, Bronze, Threaded	539.36	21.75
23 05 23 00-0512		Bronze Body, Threaded, 300 Lb., Lift Check Valves *(23 05 23 00-0503)*		
		Note: Crane 366E.		
23 05 23 00-0513	EA	1/2" Lift Check Valve, Bronze, Threaded, 300 Lb.	782.24	11.96
23 05 23 00-0514	EA	3/4" Lift Check Valve, Bronze, Threaded, 300 Lb.	950.16	12.55
23 05 23 00-0515	EA	1" Lift Check Valve, Bronze, Threaded, 300 Lb.	1,704.82	12.55
23 05 23 00-0516	EA	1-1/4" Lift Check Valve, Bronze, Threaded, 300 Lb.	2,272.11	15.91
23 05 23 00-0517	EA	1-1/2" Lift Check Valve, Bronze, Threaded, 300 Lb.	2,467.89	18.41
23 05 23 00-0518	EA	2" Lift Check Valve, Bronze, Threaded, 300 Lb.	3,170.28	21.75
23 05 23 00-0519		Iron Body, Flanged, 125 Lb. Vertical Lift Check Valves *(23 05 23 00-0503)*		
		Note: Mueller 105MAP.		
23 05 23 00-0520	EA	2" Lift Check Valve, Iron Body, Flanged, 125 Lb	1,141.98	159.37
23 05 23 00-0521	EA	2-1/2" Lift Check Valve, Iron Body, Flanged, 125 Lb.	2,124.82	159.63
23 05 23 00-0522	EA	3" Lift Check Valve, Iron Body, Flanged, 125 Lb	2,309.46	187.16
23 05 23 00-0523	EA	4" Lift Check Valve, Iron Body, Flanged, 125 Lb	3,181.96	313.75
23 05 23 00-0524	EA	5" Lift Check Valve, Iron Body, Flanged, 125 Lb	4,024.87	350.48
23 05 23 00-0525	EA	6" Lift Check Valve, Iron Body, Flanged, 125 Lb	4,982.66	389.43
23 05 23 00-0526	EA	8" Lift Check Valve, Iron Body, Flanged, 125 Lb	8,843.73	497.61
23 05 23 00-0527	EA	10" Lift Check Valve, Iron Body, Flanged, 125 Lb	11,113.68	605.78
23 05 23 00-0528	EA	12" Lift Check Valve, Iron Body, Flanged, 125 Lb	18,148.05	735.58
23 05 23 00-0529	EA	14" Lift Check Valve, Iron Body, Flanged, 125 Lb	24,771.29	1,036.62
23 05 23 00-0530	EA	16" Lift Check Valve, Iron Body, Flanged, 125 Lb	27,453.97	1,140.28
23 05 23 00-0531		Bronze Body Swing Check Valves *(23 05 23 00-0484)*		
23 05 23 00-0532		Bronze Body, Threaded, Brazed Or Soldered Installation, 125 Lb., Swing Check Valves *(23 05 23 00-0531)*		
23 05 23 00-0533	EA	1/8" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 Lb.	85.57	11.96
		For 300 Lb. Rating, Add	*18.33*	
		For Work In Restricted Working Space, Add	*11.57*	
23 05 23 00-0534	EA	1/4" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 Lb.	81.81	11.96
		For 300 Lb. Rating, Add	*18.33*	
		For Work In Restricted Working Space, Add	*10.44*	
23 05 23 00-0535	EA	3/8" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 Lb.	83.64	11.96
		For 300 Lb. Rating, Add	*18.33*	
		For Work In Restricted Working Space, Add	*10.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0536	EA	1/2" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 Lb.	87.41	11.96
		For 300 Lb. Rating, Add	*19.05*	
		For Work In Restricted Working Space, Add	*11.57*	
23 05 23 00-0537	EA	3/4" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 Lb.	111.16	12.55
		For 300 Lb. Rating, Add	*23.08*	
		For Work In Restricted Working Space, Add	*15.59*	
23 05 23 00-0538	EA	1" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 Lb.	143.29	12.55
		For 300 Lb. Rating, Add	*31.34*	
		For Work In Restricted Working Space, Add	*18.88*	
23 05 23 00-0539	EA	1-1/4" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 Lb.	192.51	15.91
		For 300 Lb. Rating, Add	*43.99*	
		For Work In Restricted Working Space, Add	*23.91*	
23 05 23 00-0540	EA	1-1/2" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 Lb.	249.94	18.41
		For 300 Lb. Rating, Add	*61.61*	
		For Work In Restricted Working Space, Add	*27.59*	
23 05 23 00-0541	EA	2" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 Lb.	311.78	21.75
		For 300 Lb. Rating, Add	*79.21*	
		For Work In Restricted Working Space, Add	*32.61*	
23 05 23 00-0542	EA	2-1/2" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 Lb.	613.66	29.40
		For 300 Lb. Rating, Add	*182.08*	
		For Work In Restricted Working Space, Add	*44.04*	
23 05 23 00-0543	EA	3" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 Lb.	833.38	34.13
		For 300 Lb. Rating, Add	*258.96*	
		For Work In Restricted Working Space, Add	*50.81*	
23 05 23 00-0544	EA	4" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 Lb.	944.06	38.53
		For 300 Lb. Rating, Add	*293.05*	
		For Work In Restricted Working Space, Add	*57.80*	

23 05 23 00-0545 125 Lb. Flanged, Iron Body, Bronze Trim, Swing Check Valves *(23 05 23 00-0484)*

23 05 23 00-0546	EA	1" 125 Lb. Flanged, Iron Body, Bronze Trim, Swing Check Valves	661.49	89.66
		For 150 Lb. Rating, Add	*373.12*	
		For 250 Lb. Rating, Add	*713.31*	
		For Work In Restricted Working Space, Add	*33.84*	
23 05 23 00-0547	EA	1-1/4" 125 Lb. Flanged, Iron Body, Bronze Trim, Swing Check Valves	734.46	104.61
		For 150 Lb. Rating, Add	*411.07*	
		For 250 Lb. Rating, Add	*785.86*	
		For Work In Restricted Working Space, Add	*38.99*	
23 05 23 00-0548	EA	1-1/2" 125 Lb. Flanged, Iron Body, Bronze Trim, Swing Check Valves	812.96	125.53
		For 150 Lb. Rating, Add	*445.84*	
		For 250 Lb. Rating, Add	*852.35*	
		For Work In Restricted Working Space, Add	*47.19*	
23 05 23 00-0549	EA	2" 125 Lb. Flanged, Iron Body, Bronze Trim, Swing Check Valves	1,013.57	159.37
		For 150 Lb. Rating, Add	*553.73*	
		For 250 Lb. Rating, Add	*1,058.60*	
		For Work In Restricted Working Space, Add	*59.78*	
23 05 23 00-0550	EA	2-1/2" 125 Lb. Flanged, Iron Body, Bronze Trim, Swing Check Valves	1,150.53	159.63
		For 150 Lb. Rating, Add	*646.24*	
		For 250 Lb. Rating, Add	*1,235.47*	
		For Work In Restricted Working Space, Add	*60.05*	
23 05 23 00-0551	EA	3" 125 Lb. Flanged, Iron Body, Bronze Trim, Swing Check Valves	1,266.99	187.16
		For 150 Lb. Rating, Add	*702.27*	
		For 250 Lb. Rating, Add	*1,342.58*	
		For Work In Restricted Working Space, Add	*70.27*	
23 05 23 00-0552	EA	4" 125 Lb. Flanged, Iron Body, Bronze Trim, Swing Check Valves	1,989.23	313.75
		For 150 Lb. Rating, Add	*1,085.31*	
		For 250 Lb. Rating, Add	*2,074.87*	
		For Work In Restricted Working Space, Add	*117.95*	
23 05 23 00-0553	EA	5" 125 Lb. Flanged, Iron Body, Bronze Trim, Swing Check Valves	2,780.75	350.48
		For 150 Lb. Rating, Add	*1,593.46*	
		For 250 Lb. Rating, Add	*3,046.32*	
		For Work In Restricted Working Space, Add	*131.23*	
23 05 23 00-0554	EA	6" 125 Lb. Flanged, Iron Body, Bronze Trim, Swing Check Valves	3,205.50	389.43
		For 150 Lb. Rating, Add	*1,847.54*	
		For 250 Lb. Rating, Add	*3,532.06*	
		For Work In Restricted Working Space, Add	*146.56*	
23 05 23 00-0555	EA	8" 125 Lb. Flanged, Iron Body, Bronze Trim, Swing Check Valves	7,401.42	497.61
		For 150 Lb. Rating, Add	*4,612.63*	
		For 250 Lb. Rating, Add	*8,818.26*	
		For Work In Restricted Working Space, Add	*185.44*	
23 05 23 00-0556	EA	10" 125 Lb. Flanged, Iron Body, Bronze Trim, Swing Check Valves	9,990.71	605.78
		For 150 Lb. Rating, Add	*6,278.77*	
		For 250 Lb. Rating, Add	*12,003.54*	
		For Work In Restricted Working Space, Add	*227.17*	
23 05 23 00-0557	EA	12" 125 Lb. Flanged, Iron Body, Bronze Trim, Swing Check Valves	15,317.02	735.58
		For 150 Lb. Rating, Add	*9,791.44*	
		For 250 Lb. Rating, Add	*18,718.93*	
		For Work In Restricted Working Space, Add	*275.35*	

23 05 23 00-0558 Plastic Check Valve *(23 05 23 00-0484)*

23 05 23 00-0559 Polyvinyl Chloride (PVC) Check Valve *(23 05 23 00-0558)*

23 05 23 00-0560 Polyvinyl Chloride (PVC) "Y" Check Valve *(23 05 23 00-0559)*

23 05 23 00-0561	EA	1/2" Polyvinyl Chloride (PVC) "Y" Type Check Valve, Threaded Or Socket	96.59	11.96

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0562	EA	3/4" Polyvinyl Chloride (PVC) "Y" Type Check Valve, Threaded Or Socket	114.28	13.15
23 05 23 00-0563	EA	1" Polyvinyl Chloride (PVC) "Y" Type Check Valve, Threaded Or Socket	131.31	14.95
23 05 23 00-0564	EA	1-1/4" Polyvinyl Chloride (PVC) "Y" Type Check Valve, Threaded Or Socket	187.20	15.91
23 05 23 00-0565	EA	1-1/2" Polyvinyl Chloride (PVC) "Y" Type Check Valve, Threaded Or Socket	208.42	18.41
23 05 23 00-0566	EA	2" Polyvinyl Chloride (PVC) "Y" Type Check Valve, Threaded Or Socket	345.48	20.03
23 05 23 00-0567	EA	2-1/2" Polyvinyl Chloride (PVC) "Y" Type Check Valve, Threaded Or Socket	434.43	29.40
23 05 23 00-0568	EA	3" Polyvinyl Chloride (PVC) "Y" Type Check Valve, Threaded Or Socket	475.92	34.13
23 05 23 00-0569	EA	4" Polyvinyl Chloride (PVC) "Y" Type Check Valve, Threaded Or Socket	694.28	38.53
23 05 23 00-0570	EA	3" Polyvinyl Chloride (PVC) "Y" Type Check Valve, Flanged	664.20	187.16
23 05 23 00-0571		Polyvinyl Chloride (PVC) True Union Ball Check Valve *(23 05 23 00-0559)*		
23 05 23 00-0572		Valves *(23 05 23 00-0571)*		
23 05 23 00-0573	EA	1/2" Polyvinyl Chloride (PVC) True Union Ball Check Valve	73.40	11.96
23 05 23 00-0574	EA	3/4" Polyvinyl Chloride (PVC) True Union Ball Check Valve	91.79	13.15
23 05 23 00-0575	EA	1" Polyvinyl Chloride (PVC) True Union Ball Check Valve	112.69	14.95
23 05 23 00-0576	EA	1-1/4" Polyvinyl Chloride (PVC) True Union Ball Check Valve	146.06	15.91
23 05 23 00-0577	EA	1-1/2" Polyvinyl Chloride (PVC) True Union Ball Check Valve	171.59	18.41
23 05 23 00-0578	EA	2" Polyvinyl Chloride (PVC) True Union Ball Check Valve	253.01	21.75
23 05 23 00-0579	EA	3" Polyvinyl Chloride (PVC) True Union Ball Check Valve	413.86	29.40
23 05 23 00-0580	EA	4" Polyvinyl Chloride (PVC) True Union Ball Check Valve	705.16	34.13
23 05 23 00-0581		Foot Valve Screen *(23 05 23 00-0571)*		
		Note: For use with PVC true union ball check valves above.		
23 05 23 00-0582	EA	1/2" Foot Valve Screen Option	61.97	
23 05 23 00-0583	EA	3/4" Foot Valve Screen Option	74.11	
23 05 23 00-0584	EA	1" Foot Valve Screen Option	85.88	
23 05 23 00-0585	EA	1-1/4" Foot Valve Screen Option	129.65	
23 05 23 00-0586	EA	1-1/2" Foot Valve Screen Option	143.44	
23 05 23 00-0587	EA	2" Foot Valve Screen Option	155.21	
23 05 23 00-0588	EA	2-1/2" Foot Valve Screen Option	185.18	
23 05 23 00-0589	EA	3" Foot Valve Screen Option	215.16	
23 05 23 00-0590	EA	4" Foot Valve Screen Option	261.13	
23 05 23 00-0591		Hayward "True Check" With VITON Seals *(23 05 23 00-0571)*		
23 05 23 00-0592	EA	1/4" Polyvinyl Chloride (PVC) True Union Ball Check Valve, Socket Or Threaded	66.33	11.96
23 05 23 00-0593	EA	3/8" Polyvinyl Chloride (PVC) True Union Ball Check Valve, Socket Or Threaded	68.16	11.96
23 05 23 00-0594	EA	1/2" Polyvinyl Chloride (PVC) True Union Ball Check Valve, Socket Or Threaded	74.23	11.96
23 05 23 00-0595	EA	3/4" Polyvinyl Chloride (PVC) True Union Ball Check Valve, Socket Or Threaded	91.71	13.15
23 05 23 00-0596	EA	1" Polyvinyl Chloride (PVC) True Union Ball Check Valve, Socket Or Threaded	113.86	14.95
23 05 23 00-0597	EA	1-1/4" Polyvinyl Chloride (PVC) True Union Ball Check Valve, Socket Or Threaded	145.98	15.91
23 05 23 00-0598	EA	1-1/2" Polyvinyl Chloride (PVC) True Union Ball Check Valve, Socket Or Threaded	176.57	18.41
23 05 23 00-0599	EA	2" Polyvinyl Chloride (PVC) True Union Ball Check Valve, Socket Or Threaded	221.49	21.75
23 05 23 00-0600	EA	2-1/2" Polyvinyl Chloride (PVC) True Union Ball Check Valve, Socket Or Threaded	408.88	29.40
23 05 23 00-0601	EA	3" Polyvinyl Chloride (PVC) True Union Ball Check Valve, Socket Or Threaded	448.05	34.13
23 05 23 00-0602	EA	4" Polyvinyl Chloride (PVC) True Union Ball Check Valve, Socket Or Threaded	707.72	38.53
23 05 23 00-0603		Hayward "True Check" With Ethylene Propylene Diene Monomer (EPDM) Seals *(23 05 23 00-0571)*		
23 05 23 00-0604	EA	1/2" Polyvinyl Chloride (PVC) True Union Ball Check Valve, Socket Or Threaded	70.09	11.96
23 05 23 00-0605	EA	3/4" Polyvinyl Chloride (PVC) True Union Ball Check Valve, Socket Or Threaded	87.64	13.15
23 05 23 00-0606	EA	1" Polyvinyl Chloride (PVC) True Union Ball Check Valve, Socket Or Threaded	108.22	14.95
23 05 23 00-0607	EA	1-1/4" Polyvinyl Chloride (PVC) True Union Ball Check Valve, Socket Or Threaded	139.84	15.91
23 05 23 00-0608	EA	1-1/2" Polyvinyl Chloride (PVC) True Union Ball Check Valve, Socket Or Threaded	165.29	18.41
23 05 23 00-0609	EA	2" Polyvinyl Chloride (PVC) True Union Ball Check Valve, Socket Or Threaded	211.54	21.75
23 05 23 00-0610	EA	2-1/2" Polyvinyl Chloride (PVC) True Union Ball Check Valve, Socket Or Threaded	393.95	29.40
23 05 23 00-0611	EA	3" Polyvinyl Chloride (PVC) True Union Ball Check Valve, Socket Or Threaded	435.61	34.13
23 05 23 00-0612	EA	4" Polyvinyl Chloride (PVC) True Union Ball Check Valve, Socket Or Threaded	688.64	38.53
23 05 23 00-0613		Polyvinyl Chloride (PVC) Check Valve, Ethylene Propylene Diene Monomer (EPDM) Housing, Flanged *(23 05 23 00-0559)*		
23 05 23 00-0614	EA	1" Thermoplastic Check Valve, Polyvinyl Chloride (PVC) With Ethylene Propylene Diene Monomer (EPDM) Housing	347.45	71.74
23 05 23 00-0615	EA	1-1/4" Thermoplastic Check Valve, Polyvinyl Chloride (PVC) With Ethylene Propylene Diene Monomer (EPDM) Housing	378.56	83.68
23 05 23 00-0616	EA	1-1/2" Thermoplastic Check Valve, Polyvinyl Chloride (PVC) With Ethylene Propylene Diene Monomer (EPDM) Housing	415.98	104.61
23 05 23 00-0617	EA	2" Thermoplastic Check Valve, Polyvinyl Chloride (PVC) With Ethylene Propylene Diene Monomer (EPDM) Housing	507.15	131.51
23 05 23 00-0618	EA	2-1/2" Thermoplastic Check Valve, Polyvinyl Chloride (PVC) With Ethylene Propylene Diene Monomer (EPDM) Housing	611.03	132.18
23 05 23 00-0619	EA	3" Thermoplastic Check Valve, Polyvinyl Chloride (PVC) With Ethylene Propylene Diene Monomer (EPDM) Housing	834.48	154.20
23 05 23 00-0620	EA	4" Thermoplastic Check Valve, Polyvinyl Chloride (PVC) With Ethylene Propylene Diene Monomer (EPDM) Housing	1,153.62	261.60

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0621	EA	6" Thermoplastic Check Valve, Polyvinyl Chloride (PVC) With Ethylene Propylene Diene Monomer (EPDM) Housing	1,895.60	440.60
23 05 23 00-0622		Swing Check Valves, 150 Lb. Polyvinyl Chloride (PVC) Socket Weld End Connections *(23 05 23 00-0558)*		
23 05 23 00-0623	EA	1/2" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 Lb.	64.31	11.96
		For Work In Restricted Working Space, Add	*11.57*	
23 05 23 00-0624	EA	3/4" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 Lb.	77.72	13.15
		For Work In Restricted Working Space, Add	*15.59*	
23 05 23 00-0625	EA	1" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 Lb.	89.69	14.95
		For Work In Restricted Working Space, Add	*18.88*	
23 05 23 00-0626	EA	1-1/4" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 Lb.	107.57	15.91
		For Work In Restricted Working Space, Add	*23.91*	
23 05 23 00-0627	EA	1-1/2" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 Lb.	121.45	18.41
		For Work In Restricted Working Space, Add	*27.59*	
23 05 23 00-0628	EA	2" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 Lb.	154.52	21.75
		For Work In Restricted Working Space, Add	*32.61*	
23 05 23 00-0629	EA	2-1/2" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 Lb.	212.04	29.40
		For Work In Restricted Working Space, Add	*44.04*	
23 05 23 00-0630	EA	3" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 Lb.	254.04	34.13
		For Work In Restricted Working Space, Add	*50.81*	
23 05 23 00-0631		Polyvinyl Chloride (PVC) Body, Swing Check Valves *(23 05 23 00-0558)*		
23 05 23 00-0632		Polyvinyl Chloride (PVC) Body, Swing Check Valves With Ethylene Propylene Diene Monomer (EPDM) Seals *(23 05 23 00-0631)*		
23 05 23 00-0633	EA	3" Polyvinyl Chloride (PVC) Swing Check Valve, With Ethylene Propylene Diene Monomer (EPDM) Seals	659.40	154.12
		For Work In Restricted Working Space, Add	*58.98*	
23 05 23 00-0634	EA	4" Polyvinyl Chloride (PVC) Swing Check Valve, With Ethylene Propylene Diene Monomer (EPDM) Seals	841.35	261.46
		For Work In Restricted Working Space, Add	*97.14*	
23 05 23 00-0635	EA	6" Polyvinyl Chloride (PVC) Swing Check Valve, With Ethylene Propylene Diene Monomer (EPDM) Seals	1,356.10	324.52
		For Work In Restricted Working Space, Add	*133.63*	
23 05 23 00-0636	EA	8" Polyvinyl Chloride (PVC) Swing Check Valve, With Ethylene Propylene Diene Monomer (EPDM) Seals	1,806.64	411.06
		For Work In Restricted Working Space, Add	*151.44*	
23 05 23 00-0637		Polyvinyl Chloride (PVC) Body, Swing Check Valves With Viton Seals *(23 05 23 00-0631)*		
23 05 23 00-0638	EA	3" Polyvinyl Chloride (PVC) Swing Check Valve, With Viton Seals	778.83	154.12
		For Work In Restricted Working Space, Add	*58.98*	
23 05 23 00-0639	EA	4" Polyvinyl Chloride (PVC) Swing Check Valve, With Viton Seals	1,105.09	261.46
		For Work In Restricted Working Space, Add	*97.14*	
23 05 23 00-0640	EA	6" Polyvinyl Chloride (PVC) Swing Check Valve, With Viton Seals	1,605.92	324.52
		For Work In Restricted Working Space, Add	*133.63*	
23 05 23 00-0641	EA	8" Polyvinyl Chloride (PVC) Swing Check Valve, With Viton Seals	2,105.22	411.06
		For Work In Restricted Working Space, Add	*151.44*	
23 05 23 00-0642		Polyvinyl Chloride (PVC) Body, Swing Check Valves With Ethylene Propylene Diene Monomer (EPDM) Seals And Counter Weights *(23 05 23 00-0631)*		
23 05 23 00-0643	EA	3" Polyvinyl Chloride (PVC) Swing Check Valve, With Ethylene Propylene Diene Monomer (EPDM) Seals And Counter weights	810.35	154.12
		For Work In Restricted Working Space, Add	*58.98*	
23 05 23 00-0644	EA	4" Polyvinyl Chloride (PVC) Swing Check Valve, With Ethylene Propylene Diene Monomer (EPDM) Seals And Counter weights	1,107.58	261.46
		For Work In Restricted Working Space, Add	*97.14*	
23 05 23 00-0645	EA	6" Polyvinyl Chloride (PVC) Swing Check Valve, With Ethylene Propylene Diene Monomer (EPDM) Seals And Counter weights	1,495.44	324.52
		For Work In Restricted Working Space, Add	*133.63*	
23 05 23 00-0646	EA	8" Polyvinyl Chloride (PVC) Swing Check Valve, With Ethylene Propylene Diene Monomer (EPDM) Seals And Counter weights	1,921.43	411.06
		For Work In Restricted Working Space, Add	*151.44*	
23 05 23 00-0647		Polyvinyl Chloride (PVC) Body, Swing Check Valves With Viton Seals And Counter Weights *(23 05 23 00-0631)*		
23 05 23 00-0648	EA	3" Polyvinyl Chloride (PVC) Swing Check Valve, With Viton Seals And Counter Weights	909.87	154.12
		For Work In Restricted Working Space, Add	*58.98*	
23 05 23 00-0649	EA	4" Polyvinyl Chloride (PVC) Swing Check Valve, With Viton Seals And Counter Weights	1,252.73	261.46
		For Work In Restricted Working Space, Add	*97.14*	
23 05 23 00-0650	EA	6" Polyvinyl Chloride (PVC) Swing Check Valve, With Viton Seals And Counter Weights	1,702.79	324.52
		For Work In Restricted Working Space, Add	*133.63*	
23 05 23 00-0651	EA	8" Polyvinyl Chloride (PVC) Swing Check Valve, With Viton Seals And Counter Weights	2,170.25	411.06
		For Work In Restricted Working Space, Add	*151.44*	
23 05 23 00-0652		Diaphragm Valves *(23 05 23)*		
23 05 23 00-0653		Polytetrafluoroethylene (PTFE) Or Viton Lined, Threaded Cast Iron Diaphragm Valves *(23 05 23 00-0652)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0654	EA	1/2" Diaphragm Valve, Cast Iron, 150 Lb., Threaded, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	297.47	35.78
23 05 23 00-0655	EA	3/4" Diaphragm Valve, Cast Iron, 150 Lb., Threaded, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	382.54	39.63
23 05 23 00-0656	EA	1" Diaphragm Valve, Cast Iron, 150 Lb., Threaded, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	413.62	48.99
23 05 23 00-0657	EA	1-1/2" Diaphragm Valve, Cast Iron, 150 Lb., Threaded, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	657.49	73.21
23 05 23 00-0658	EA	2" Diaphragm Valve, Cast Iron, 150 Lb., Threaded, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	1,064.51	88.07
23 05 23 00-0659		Polytetrafluoroethylene (PTFE) Or Viton Lined, Flanged Cast Iron Diaphragm Valves *(23 05 23 00-0652)*		
23 05 23 00-0660	EA	1/2" Diaphragm Valve, Cast Iron, 150 Lb., Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	478.11	57.39
23 05 23 00-0661	EA	3/4" Diaphragm Valve, Cast Iron, 150 Lb., Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	561.46	59.78
23 05 23 00-0662	EA	1" Diaphragm Valve, Cast Iron, 150 Lb., Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	655.18	89.66
23 05 23 00-0663	EA	1-1/2" Diaphragm Valve, Cast Iron, 150 Lb., Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	1,000.99	125.53
23 05 23 00-0664	EA	2" Diaphragm Valve, Cast Iron, 150 Lb., Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	1,628.40	159.37
23 05 23 00-0665	EA	2-1/2" Diaphragm Valve, Cast Iron, 150 Lb., Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	2,117.93	159.63
23 05 23 00-0666	EA	3" Diaphragm Valve, Cast Iron, 150 Lb., Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	2,640.52	187.16
23 05 23 00-0667	EA	4" Diaphragm Valve, Cast Iron, 150 Lb., Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	3,696.44	313.75
23 05 23 00-0668	EA	6" Diaphragm Valve, Cast Iron, 150 Lb., Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	7,889.03	389.43
23 05 23 00-0669	EA	8" Diaphragm Valve, Cast Iron, 150 Lb., Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	12,353.52	497.61
23 05 23 00-0670		Ethylene Propylene Diene Monomer (EPDM) Lined, Threaded Cast Iron Diaphragm Valves *(23 05 23 00-0652)*		
23 05 23 00-0671	EA	1/2" Diaphragm Valve, Cast Iron, 150 Lb., Threaded, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	179.84	35.78
23 05 23 00-0672	EA	3/4" Diaphragm Valve, Cast Iron, 150 Lb., Threaded, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	237.04	39.63
23 05 23 00-0673	EA	1" Diaphragm Valve, Cast Iron, 150 Lb., Threaded, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	268.12	48.99
23 05 23 00-0674	EA	1-1/2" Diaphragm Valve, Cast Iron, 150 Lb., Threaded, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	459.36	73.21
23 05 23 00-0675	EA	2" Diaphragm Valve, Cast Iron, 150 Lb., Threaded, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	603.27	88.07
23 05 23 00-0676		Ethylene Propylene Diene Monomer (EPDM) Lined, Flanged Cast Iron Diaphragm Valves *(23 05 23 00-0652)*		
23 05 23 00-0677	EA	1/2" Diaphragm Valve, Cast Iron, 150 Lb., Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	308.49	57.39
23 05 23 00-0678	EA	3/4" Diaphragm Valve, Cast Iron, 150 Lb., Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	359.19	59.78
23 05 23 00-0679	EA	1" Diaphragm Valve, Cast Iron, 150 Lb., Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	452.87	89.66
23 05 23 00-0680	EA	1-1/2" Diaphragm Valve, Cast Iron, 150 Lb., Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	725.52	125.53
23 05 23 00-0681	EA	2" Diaphragm Valve, Cast Iron, 150 Lb., Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	986.99	159.37
23 05 23 00-0682	EA	2-1/2" Diaphragm Valve, Cast Iron, 150 Lb., Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	1,227.20	159.63
23 05 23 00-0683	EA	3" Diaphragm Valve, Cast Iron, 150 Lb., Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	1,499.81	187.16
23 05 23 00-0684	EA	4" Diaphragm Valve, Cast Iron, 150 Lb., Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	2,351.80	313.75
23 05 23 00-0685	EA	6" Diaphragm Valve, Cast Iron, 150 Lb., Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	4,876.54	389.43
23 05 23 00-0686	EA	8" Diaphragm Valve, Cast Iron, 150 Lb., Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	7,575.45	497.61
23 05 23 00-0687		125 Lb., Hand Wheel Operated, Flanged Cast Iron Diaphragm Valves *(23 05 23 00-0652)*		
23 05 23 00-0688	EA	1" Diameter, 125 Lb., Flanged, Cast Iron, Diaphragm Valve	594.24	89.66
23 05 23 00-0689	EA	1-1/2" Diameter, 125 Lb., Flanged, Cast Iron, Diaphragm Valve	978.61	125.53
23 05 23 00-0690	EA	2" Diameter, 125 Lb., Flanged, Cast Iron, Diaphragm Valve	1,324.99	159.37
23 05 23 00-0691	EA	2-1/2" Diameter, 125 Lb., Flanged, Cast Iron, Diaphragm Valve	1,956.00	159.63
23 05 23 00-0692	EA	3" Diameter, 125 Lb., Flanged, Cast Iron, Diaphragm Valve	2,152.90	187.16
23 05 23 00-0693	EA	4" Diameter, 125 Lb., Flanged, Cast Iron, Diaphragm Valve	3,359.68	313.75

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0694	EA	6" Diameter, 125 Lb., Flanged, Cast Iron, Diaphragm Valve	6,931.27	389.43
23 05 23 00-0695	EA	8" Diameter, 125 Lb., Flanged, Cast Iron, Diaphragm Valve	14,650.51	497.61
23 05 23 00-0696		Solenoid Valves *(23 05 23)*		
23 05 23 00-0697		Bronze Body Solenoid Valves, 150 PSI Maximum Water Pressure *(23 05 23 00-0696)*		
23 05 23 00-0698	EA	1/4" Solenoid Valve, Bronze, 150 PSI, Water	141.57	11.96
23 05 23 00-0699	EA	1/2" Solenoid Valve, Bronze, 150 PSI, Water	164.45	11.96
23 05 23 00-0700	EA	3/4" Solenoid Valve, Bronze, 150 PSI, Water	210.29	13.15
23 05 23 00-0701	EA	1" Solenoid Valve, Bronze, 150 PSI, Water	310.88	14.95
23 05 23 00-0702	EA	1-1/2" Solenoid Valve, Bronze, 150 PSI, Water	549.72	18.41
23 05 23 00-0703	EA	2" Solenoid Valve, Bronze, 150 PSI, Water	863.40	21.75
23 05 23 00-0704	EA	2-1/2" Solenoid Valve, Bronze, 150 PSI, Water	1,176.08	29.40
23 05 23 00-0705	EA	3" Solenoid Valve, Bronze, 150 PSI, Water	1,709.34	34.13
23 05 23 00-0706		Flow Control Valves And Meters *(23 05 23)*		
23 05 23 00-0707		Conditioned Water Balancing Valves *(23 05 23 00-0706)* Note: Working pressures up to 300 PSIG. Iron and bronze body construction (combination balancing, flow measuring and shut-off). Excludes portable read-out meter.		
23 05 23 00-0708	EA	1/2" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	179.65	61.00
23 05 23 00-0709	EA	3/4" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	214.72	81.33
23 05 23 00-0710	EA	1" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	1,419.56	92.93
23 05 23 00-0711	EA	1-1/4" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	1,527.28	114.82
23 05 23 00-0712	EA	1-1/2" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	1,635.37	122.00
23 05 23 00-0713	EA	2" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	1,748.68	139.46
23 05 23 00-0714	EA	2-1/2" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	3,105.47	242.77
23 05 23 00-0715	EA	3" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	2,990.60	277.46
23 05 23 00-0716	EA	3" Flanged Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	3,365.61	187.26
23 05 23 00-0717	EA	4" Flanged Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	4,653.69	313.92
23 05 23 00-0718	EA	6" Flanged Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	7,289.37	396.54
23 05 23 00-0719	EA	8" Flanged Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	9,845.57	506.69
23 05 23 00-0720	EA	10" Flanged Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	14,095.04	616.84
23 05 23 00-0721		Balancing Valves *(23 05 23)*		
23 05 23 00-0722		Balancing Valves With Lever *(23 05 23 00-0721)* Note: DeZurik PEC eccentric, non-lubricated plug valves, cast iron high temperature faced plug, nickel seats, buna vee packing, bronze bearings with integral gage taps and schrader fittings for metering connections.		
23 05 23 00-0723	EA	1/2" Threaded Balancing Valve With Lever	433.78	37.67
23 05 23 00-0724	EA	3/4" Threaded Balancing Valve With Lever	467.91	49.64
23 05 23 00-0725	EA	1" Threaded Balancing Valve With Lever	653.32	56.81
23 05 23 00-0726	EA	1-1/4" Threaded Balancing Valve With Lever	701.24	70.56
23 05 23 00-0727	EA	1-1/2" Threaded Balancing Valve With Lever	736.20	74.75
23 05 23 00-0728	EA	2" Threaded Balancing Valve With Lever	905.47	85.52
23 05 23 00-0729	EA	2-1/2" Flanged Balancing Valve With Lever	1,218.29	159.72
23 05 23 00-0730	EA	3" Flanged Balancing Valve With Lever	1,218.82	187.26
23 05 23 00-0731	EA	4" Flanged Balancing Valve With Lever	1,512.09	313.92
23 05 23 00-0732	EA	5" Flanged Balancing Valve With Lever	4,590.82	356.89
23 05 23 00-0733	EA	6" Flanged Balancing Valve With Lever	2,231.43	396.54
23 05 23 00-0734	EA	8" Flanged Balancing Valve With Lever	2,955.07	506.69
23 05 23 00-0735		Balancing Valves With Nut *(23 05 23 00-0721)* Note: DeZurik PEC eccentric, non-lubricated plug valves, cast iron high temperature faced plug, nickel seats, buna vee packing, bronze bearings with integral gage taps and schrader fittings for metering connections.		
23 05 23 00-0736	EA	4" Flanged Balancing Valve With Nut	1,512.09	313.92
23 05 23 00-0737	EA	5" Flanged Balancing Valve With Nut	4,590.82	356.89
23 05 23 00-0738	EA	6" Flanged Balancing Valve With Nut	2,231.43	396.54
23 05 23 00-0739	EA	8" Flanged Balancing Valve With Nut	2,955.07	506.69
23 05 23 00-0740		Balancing Valves With Hand Wheel *(23 05 23 00-0721)* Note: DeZurik PEC eccentric, non-lubricated plug valves, cast iron high temperature faced plug, nickel seats, buna vee packing, bronze bearings with integral gage taps and schrader fittings for metering connections.		
23 05 23 00-0741	EA	4" Flanged Balancing Valve With Hand Wheel	2,077.65	313.92
23 05 23 00-0742	EA	5" Flanged Balancing Valve With Hand Wheel	5,188.71	356.89
23 05 23 00-0743	EA	6" Flanged Balancing Valve With Hand Wheel	2,830.56	396.54
23 05 23 00-0744	EA	8" Flanged Balancing Valve With Hand Wheel	4,017.84	506.69
23 05 23 00-0745	EA	10" Flanged Balancing Valve With Hand Wheel	6,206.68	616.84
23 05 23 00-0746	EA	12" Flanged Balancing Valve With Hand Wheel	8,127.45	498.24
23 05 23 00-0747	EA	14" Flanged Balancing Valve With Hand Wheel	10,643.42	939.39
23 05 23 00-0748		Balancing Valves With Chain Wheel *(23 05 23 00-0721)* Note: DeZurik PEC eccentric, non-lubricated plug valves, cast iron high temperature faced plug, nickel seats, buna vee packing, bronze bearings with integral gage taps and schrader fittings for metering connections.		
23 05 23 00-0749	EA	4" Flanged Balancing Valve With Chain Wheel	2,402.08	313.92
23 05 23 00-0750	EA	5" Flanged Balancing Valve With Chain Wheel	5,508.16	356.89

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0751	EA	6" Flanged Balancing Valve With Chain Wheel	3,148.77	396.54
23 05 23 00-0752	EA	8" Flanged Balancing Valve With Chain Wheel	4,409.38	506.69
23 05 23 00-0753	EA	10" Flanged Balancing Valve With Chain Wheel	6,587.04	616.84
23 05 23 00-0754	EA	12" Flanged Balancing Valve With Chain Wheel	8,837.50	497.89
23 05 23 00-0755	EA	14" Flanged Balancing Valve With Chain Wheel	11,286.05	939.39

23 05 23 00-0756 Calibrated Balancing Valves *(23 05 23 00-0721)*

Note: Bell & Gossett CB Series.

23 05 23 00-0757	EA	1/2" Brazed Or Soldered Calibrated Balancing Valve (CB-1/2S)	148.95	11.96
23 05 23 00-0758	EA	3/4" Brazed Or Soldered Calibrated Balancing Valve (CB-3/4S)	174.76	13.15
23 05 23 00-0759	EA	1" Brazed Or Soldered Calibrated Balancing Valve (CB-1S)	197.52	14.95
23 05 23 00-0760	EA	1-1/4" Brazed Or Soldered Calibrated Balancing Valve (CB-1-1/4S)	276.49	15.91
23 05 23 00-0761	EA	1-1/2" Brazed Or Soldered Calibrated Balancing Valve (CB-1-1/2S)	324.61	18.42
23 05 23 00-0762	EA	2" Brazed Or Soldered Calibrated Balancing Valve (CB-2S)	436.08	21.76
23 05 23 00-0763	EA	1" Threaded Calibrated Balancing Valve (CB-1)	227.17	14.95
23 05 23 00-0764	EA	1-1/4" Threaded Calibrated Balancing Valve (CB-1-1/4)	309.71	15.91
23 05 23 00-0765	EA	1-1/2" Threaded Calibrated Balancing Valve (CB-1-1/2)	346.65	18.42
23 05 23 00-0766	EA	2" Threaded Calibrated Balancing Valve (CB-2)	467.05	21.76
23 05 23 00-0767	EA	2-1/2" Threaded Calibrated Balancing Valve (CB-2-1/2)	657.63	31.93
23 05 23 00-0768	EA	3" Threaded Calibrated Balancing Valve (CB-3)	1,149.25	37.08
23 05 23 00-0769	EA	2-1/2" Flanged Calibrated Balancing Valve (CB-2-1/2F)	1,083.31	173.43
23 05 23 00-0770	EA	3" Flanged Calibrated Balancing Valve (CB-3F)	1,885.66	203.33
23 05 23 00-0771	EA	4" Flanged Calibrated Balancing Valve (CB-4F)	2,828.93	340.87
23 05 23 00-0772	EA	5" Flanged Calibrated Balancing Valve (CB-5F)	3,906.50	387.51
23 05 23 00-0773	EA	6" Flanged Calibrated Balancing Valve (CB-6F)	4,950.50	430.57
23 05 23 00-0774	EA	8" Flanged Calibrated Balancing Valve (CB-8F)	7,842.07	550.17
23 05 23 00-0775	EA	10" Flanged Calibrated Balancing Valve (CB-10F)	12,877.98	657.58
23 05 23 00-0776	EA	12" Flanged Calibrated Balancing Valve (CB-12F)	27,231.30	798.49
23 05 23 00-0777	EA	4" Grooved Calibrated Balancing Valve (CB-4G)	3,258.19	41.17
23 05 23 00-0778	EA	5" Grooved Calibrated Balancing Valve (CB-5G)	3,782.27	55.17
23 05 23 00-0779	EA	6" Grooved Calibrated Balancing Valve (CB-6G)	5,006.32	70.75
23 05 23 00-0780	EA	8" Grooved Calibrated Balancing Valve (CB-8G)	9,390.10	89.79
23 05 23 00-0781	EA	10" Grooved Calibrated Balancing Valve (CB-10G)	14,987.24	100.60
23 05 23 00-0782	EA	12" Grooved Calibrated Balancing Valve (CB-12G)	30,899.36	122.67

23 05 23 00-0783 Butterfly Valves *(23 05 23)*

23 05 23 00-0784 Cast Iron Body, Iron Disc, 150 PSI, Wafer Type, Butterfly Valves *(23 05 23 00-0783)*

Note: With on-off handle

23 05 23 00-0785	EA	2" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type	515.94	159.37
		For 200 PSI, Add	*152.01*	
		For Work In Restricted Working Space, Add	*59.78*	
23 05 23 00-0786	EA	2-1/2" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type	535.27	159.63
		For 200 PSI, Add	*160.85*	
		For Work In Restricted Working Space, Add	*60.05*	
23 05 23 00-0787	EA	3" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type	595.11	187.16
		For 200 PSI, Add	*173.22*	
		For Work In Restricted Working Space, Add	*70.27*	
23 05 23 00-0788	EA	4" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type	846.11	313.75
		For 200 PSI, Add	*217.41*	
		For Work In Restricted Working Space, Add	*117.95*	
23 05 23 00-0789	EA	5" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type	1,132.94	389.43
		For 200 PSI, Add	*309.32*	
		For Work In Restricted Working Space, Add	*146.56*	
23 05 23 00-0790	EA	6" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type	1,328.90	432.69
		For 200 PSI, Add	*378.25*	
		For Work In Restricted Working Space, Add	*162.26*	
23 05 23 00-0791	EA	8" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type	1,803.86	497.61
		For 200 PSI, Add	*569.15*	
		For Work In Restricted Working Space, Add	*185.44*	
23 05 23 00-0792	EA	10" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type	3,055.02	605.78
		For 200 PSI, Add	*1,102.94*	
		For Work In Restricted Working Space, Add	*227.17*	
23 05 23 00-0793	EA	12" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type	3,845.32	735.58
		For 200 PSI, Add	*1,405.19*	
		For Work In Restricted Working Space, Add	*275.35*	

23 05 23 00-0794 Cast Iron Body, Bronze Disc, Gear Operated, 200 Lb., Lug Type, Butterfly Valves *(23 05 23 00-0783)*

23 05 23 00-0795	EA	2" Cast Iron Body, Bronze Disc, Gear Operated, 200 Lb., Lug Type, Butterfly Valve	1,068.30	159.37
		For Work In Restricted Working Space, Add	*59.78*	
23 05 23 00-0796	EA	2-1/2" Cast Iron Body, Bronze Disc, Gear Operated, 200 Lb., Lug Type, Butterfly Valve	1,076.57	159.63
		For Work In Restricted Working Space, Add	*60.05*	
23 05 23 00-0797	EA	3" Cast Iron Body, Bronze Disc, Gear Operated, 200 Lb., Lug Type, Butterfly Valve	1,154.83	187.16
		For Work In Restricted Working Space, Add	*70.27*	
23 05 23 00-0798	EA	4" Cast Iron Body, Bronze Disc, Gear Operated, 200 Lb., Lug Type, Butterfly Valve	1,431.61	313.75
		For Work In Restricted Working Space, Add	*117.95*	
23 05 23 00-0799	EA	5" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI	1,781.04	389.43
		For Work In Restricted Working Space, Add	*146.56*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0800	EA	6" Cast Iron Body, Bronze Disc, Gear Operated, 200 Lb., Lug Type, Butterfly Valve	1,973.11	432.69
		For Work In Restricted Working Space, Add	*162.26*	
23 05 23 00-0801	EA	8" Cast Iron Body, Bronze Disc, Gear Operated, 200 Lb., Lug Type, Butterfly Valve	2,474.05	497.61
		For Work In Restricted Working Space, Add	*185.44*	
23 05 23 00-0802	EA	10" Cast Iron Body, Bronze Disc, Gear Operated, 200 Lb., Lug Type, Butterfly Valve	3,154.44	605.78
		For Work In Restricted Working Space, Add	*227.17*	
23 05 23 00-0803	EA	12" Cast Iron Body, Bronze Disc, Gear Operated, 200 Lb., Lug Type, Butterfly Valve	4,401.36	735.58
		For Work In Restricted Working Space, Add	*275.35*	

23 05 29 Hangers and Supports for HVAC Piping and Equipment *(23 05)*

23 05 29 00-0001 Hangers And Supports *(23 05 29)*

23 05 29 00-0002 Clevis Hangers *(23 05 29 00-0001)*

23 05 29 00-0003 Steel Clevis Hanger (Cooper B-Line B3100) *(23 05 29 00-0002)*

Note: Type 1.

23 05 29 00-0004	EA	1/2" Steel Clevis Hanger (Cooper B-Line B3100)	21.56	9.91
		For Work In Restricted Working Space, Add	*5.95*	
23 05 29 00-0005	EA	3/4" Steel Clevis Hanger (Cooper B-Line B3100)	23.76	11.01
		For Work In Restricted Working Space, Add	*6.61*	
23 05 29 00-0006	EA	1" Steel Clevis Hanger (Cooper B-Line B3100)	24.98	11.01
		For Work In Restricted Working Space, Add	*6.95*	
23 05 29 00-0007	EA	1-1/4" Steel Clevis Hanger (Cooper B-Line B3100)	25.89	11.91
		For Work In Restricted Working Space, Add	*7.15*	
23 05 29 00-0008	EA	1-1/2" Steel Clevis Hanger (Cooper B-Line B3100)	26.12	11.91
		For Work In Restricted Working Space, Add	*7.15*	
23 05 29 00-0009	EA	2" Steel Clevis Hanger (Cooper B-Line B3100)	27.22	12.11
		For Work In Restricted Working Space, Add	*7.34*	
23 05 29 00-0010	EA	2-1/2" Steel Clevis Hanger (Cooper B-Line B3100)	29.65	12.55
		For Work In Restricted Working Space, Add	*7.55*	
23 05 29 00-0011	EA	3" Steel Clevis Hanger (Cooper B-Line B3100)	31.52	13.21
		For Work In Restricted Working Space, Add	*7.77*	
23 05 29 00-0012	EA	3-1/2" Steel Clevis Hanger (Cooper B-Line B3100)	33.03	14.51
		For Work In Restricted Working Space, Add	*8.29*	
23 05 29 00-0013	EA	4" Steel Clevis Hanger (Cooper B-Line B3100)	36.12	15.41
		For Work In Restricted Working Space, Add	*8.81*	
23 05 29 00-0014	EA	5" Steel Clevis Hanger (Cooper B-Line B3100)	46.24	18.44
		For Work In Restricted Working Space, Add	*11.06*	
23 05 29 00-0015	EA	6" Steel Clevis Hanger (Cooper B-Line B3100)	55.59	22.02
		For Work In Restricted Working Space, Add	*13.21*	
23 05 29 00-0016	EA	8" Steel Clevis Hanger (Cooper B-Line B3100)	74.20	27.53
		For Work In Restricted Working Space, Add	*16.52*	
23 05 29 00-0017	EA	10" Steel Clevis Hanger (Cooper B-Line B3100)	107.51	37.44
		For Work In Restricted Working Space, Add	*22.02*	
23 05 29 00-0018	EA	12" Steel Clevis Hanger (Cooper B-Line B3100)	125.56	41.28
		For Work In Restricted Working Space, Add	*24.77*	

23 05 29 00-0019 Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C) *(23 05 29 00-0002)*

23 05 29 00-0020	EA	1/2" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	26.19	9.91
		For Work In Restricted Working Space, Add	*5.95*	
23 05 29 00-0021	EA	3/4" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	28.39	11.01
		For Work In Restricted Working Space, Add	*6.61*	
23 05 29 00-0022	EA	1" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	29.71	11.01
		For Work In Restricted Working Space, Add	*6.95*	
23 05 29 00-0023	EA	1-1/4" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	30.72	11.91
		For Work In Restricted Working Space, Add	*7.15*	
23 05 29 00-0024	EA	1-1/2" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	31.31	11.91
		For Work In Restricted Working Space, Add	*7.15*	
23 05 29 00-0025	EA	2" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	32.11	12.11
		For Work In Restricted Working Space, Add	*7.34*	
23 05 29 00-0026	EA	2-1/2" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	35.62	12.55
		For Work In Restricted Working Space, Add	*7.55*	
23 05 29 00-0027	EA	3" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	37.30	13.21
		For Work In Restricted Working Space, Add	*7.77*	
23 05 29 00-0028	EA	3-1/2" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	41.87	15.41
		For Work In Restricted Working Space, Add	*8.81*	
23 05 29 00-0029	EA	4" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	45.78	15.41
		For Work In Restricted Working Space, Add	*8.81*	
23 05 29 00-0030	EA	5" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	73.46	18.44
		For Work In Restricted Working Space, Add	*11.06*	
23 05 29 00-0031	EA	6" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	90.79	22.02
		For Work In Restricted Working Space, Add	*13.21*	
23 05 29 00-0032	EA	8" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	108.51	27.53
		For Work In Restricted Working Space, Add	*16.52*	

23 05 29 00-0033 Steel Clevis Hanger, Light Duty (Cooper B-Line B3104) *(23 05 29 00-0002)*

23 05 29 00-0034	EA	1/2" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	21.40	9.91
		For Work In Restricted Working Space, Add	*5.95*	
23 05 29 00-0035	EA	3/4" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	23.63	11.01
		For Work In Restricted Working Space, Add	*6.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0036	EA	1" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	24.94	11.01
		For Work In Restricted Working Space, Add	*6.95*	
23 05 29 00-0037	EA	1-1/4" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	25.63	11.91
		For Work In Restricted Working Space, Add	*7.15*	
23 05 29 00-0038	EA	1-1/2" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	25.76	11.91
		For Work In Restricted Working Space, Add	*7.15*	
23 05 29 00-0039	EA	2" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	26.50	12.11
		For Work In Restricted Working Space, Add	*7.34*	
23 05 29 00-0040	EA	2-1/2" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	28.70	12.55
		For Work In Restricted Working Space, Add	*7.55*	
23 05 29 00-0041	EA	3" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	29.91	13.21
		For Work In Restricted Working Space, Add	*7.77*	
23 05 29 00-0042	EA	3-1/2" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	33.73	15.41
		For Work In Restricted Working Space, Add	*8.81*	
23 05 29 00-0043	EA	4" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	34.65	15.41
		For Work In Restricted Working Space, Add	*8.81*	

23 05 29 00-0044 Extended Steel Clevis Hanger (Cooper B-Line B3108) *(23 05 29 00-0002)*

23 05 29 00-0045	EA	3/4" Steel Extended Clevis Hanger (Cooper B-Line B3108)	29.41	11.01
		For Work In Restricted Working Space, Add	*6.61*	
23 05 29 00-0046	EA	1" Steel Extended Clevis Hanger (Cooper B-Line B3108)	30.63	11.01
		For Work In Restricted Working Space, Add	*6.95*	
23 05 29 00-0047	EA	1-1/4" Steel Extended Clevis Hanger (Cooper B-Line B3108)	31.28	11.91
		For Work In Restricted Working Space, Add	*7.15*	
23 05 29 00-0048	EA	1-1/2" Steel Extended Clevis Hanger (Cooper B-Line B3108)	32.20	11.91
		For Work In Restricted Working Space, Add	*7.15*	
23 05 29 00-0049	EA	2" Steel Extended Clevis Hanger (Cooper B-Line B3108)	34.38	12.11
		For Work In Restricted Working Space, Add	*7.34*	
23 05 29 00-0050	EA	2-1/2" Steel Extended Clevis Hanger (Cooper B-Line B3108)	36.71	12.55
		For Work In Restricted Working Space, Add	*7.55*	
23 05 29 00-0051	EA	3" Steel Extended Clevis Hanger (Cooper B-Line B3108)	38.44	13.21
		For Work In Restricted Working Space, Add	*7.77*	
23 05 29 00-0052	EA	4" Steel Extended Clevis Hanger (Cooper B-Line B3108)	45.91	15.41
		For Work In Restricted Working Space, Add	*8.81*	
23 05 29 00-0053	EA	5" Steel Extended Clevis Hanger (Cooper B-Line B3108)	57.90	18.44
		For Work In Restricted Working Space, Add	*11.06*	
23 05 29 00-0054	EA	6" Steel Extended Clevis Hanger (Cooper B-Line B3108)	71.22	22.02
		For Work In Restricted Working Space, Add	*13.21*	
23 05 29 00-0055	EA	8" Steel Extended Clevis Hanger (Cooper B-Line B3108)	99.84	27.53
		For Work In Restricted Working Space, Add	*16.52*	
23 05 29 00-0056	EA	10" Steel Extended Clevis Hanger (Cooper B-Line B3108)	139.62	37.44
		For Work In Restricted Working Space, Add	*22.02*	
23 05 29 00-0057	EA	12" Steel Extended Clevis Hanger (Cooper B-Line B3108)	156.85	41.28
		For Work In Restricted Working Space, Add	*24.77*	

23 05 29 00-0058 Steel Clevis Hanger, Flat Top (Cooper B-Line B3109) *(23 05 29 00-0002)*

23 05 29 00-0059	EA	2" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	35.46	12.11
		For Work In Restricted Working Space, Add	*7.34*	
23 05 29 00-0060	EA	2-1/2" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	37.72	12.55
		For Work In Restricted Working Space, Add	*7.55*	
23 05 29 00-0061	EA	3" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	39.60	13.21
		For Work In Restricted Working Space, Add	*7.77*	
23 05 29 00-0062	EA	3-1/2" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	43.94	15.41
		For Work In Restricted Working Space, Add	*8.81*	
23 05 29 00-0063	EA	4" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	46.24	15.41
		For Work In Restricted Working Space, Add	*8.81*	
23 05 29 00-0064	EA	5" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	57.47	18.44
		For Work In Restricted Working Space, Add	*11.06*	
23 05 29 00-0065	EA	6" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	67.21	22.02
		For Work In Restricted Working Space, Add	*13.21*	
23 05 29 00-0066	EA	8" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	88.74	27.53
		For Work In Restricted Working Space, Add	*16.52*	

23 05 29 00-0067 Adjustable Hangers *(23 05 29 00-0001)*

23 05 29 00-0068 Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690) *(23 05 29 00-0067)*

Note: Type 5.

23 05 29 00-0069	EA	1/2" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	19.59	8.69
		For Work In Restricted Working Space, Add	*5.21*	
23 05 29 00-0070	EA	3/4" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	21.50	9.63
		For Work In Restricted Working Space, Add	*5.78*	
23 05 29 00-0071	EA	1" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	23.62	10.71
		For Work In Restricted Working Space, Add	*6.42*	
23 05 29 00-0072	EA	1-1/4" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	26.09	11.89
		For Work In Restricted Working Space, Add	*7.14*	
23 05 29 00-0073	EA	1-1/2" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	27.41	12.49
		For Work In Restricted Working Space, Add	*7.49*	
23 05 29 00-0074	EA	2" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	29.28	13.09
		For Work In Restricted Working Space, Add	*7.85*	
23 05 29 00-0075	EA	2-1/2" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	33.34	13.68
		For Work In Restricted Working Space, Add	*8.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0076	EA	3" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	34.81	14.27
		For Work In Restricted Working Space, Add	*8.56*	
23 05 29 00-0077	EA	4" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	41.25	16.06
		For Work In Restricted Working Space, Add	*9.64*	

23 05 29 00-0078 Adjustable Swivel Steel Ring (Cooper B-Line B3170) *(23 05 29 00-0067)*

Note: Type 10.

23 05 29 00-0079	EA	1/2" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	23.04	11.01
		For 316 Stainless Steel, Add	*8.67*	
		For Work In Restricted Working Space, Add	*6.61*	
		For 304 Stainless Steel, Add	*6.73*	
23 05 29 00-0080	EA	3/4" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	24.29	11.01
		For 316 Stainless Steel, Add	*9.52*	
		For Work In Restricted Working Space, Add	*6.95*	
		For 304 Stainless Steel, Add	*7.39*	
23 05 29 00-0081	EA	1" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	25.58	12.11
		For 316 Stainless Steel, Add	*9.52*	
		For Work In Restricted Working Space, Add	*7.34*	
		For 304 Stainless Steel, Add	*7.39*	
23 05 29 00-0082	EA	1-1/4" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	27.15	13.21
		For 316 Stainless Steel, Add	*10.63*	
		For Work In Restricted Working Space, Add	*7.77*	
		For 304 Stainless Steel, Add	*8.25*	
23 05 29 00-0083	EA	1-1/2" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	30.61	15.41
		For 316 Stainless Steel, Add	*10.63*	
		For Work In Restricted Working Space, Add	*8.81*	
		For 304 Stainless Steel, Add	*8.25*	
23 05 29 00-0084	EA	2" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	32.76	15.41
		For 316 Stainless Steel, Add	*11.14*	
		For Work In Restricted Working Space, Add	*9.44*	
		For 304 Stainless Steel, Add	*8.65*	
23 05 29 00-0085	EA	2-1/2" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	36.01	16.52
		For 316 Stainless Steel, Add	*18.19*	
		For Work In Restricted Working Space, Add	*10.16*	
		For 304 Stainless Steel, Add	*14.12*	
23 05 29 00-0086	EA	3" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	38.93	18.71
		For 316 Stainless Steel, Add	*18.96*	
		For Work In Restricted Working Space, Add	*11.01*	
		For 304 Stainless Steel, Add	*14.72*	
23 05 29 00-0087	EA	3-1/2" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	43.17	20.09
		For 316 Stainless Steel, Add	*25.42*	
		For Work In Restricted Working Space, Add	*12.05*	
		For 304 Stainless Steel, Add	*19.73*	
23 05 29 00-0088	EA	4" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	47.02	22.02
		For 316 Stainless Steel, Add	*25.42*	
		For Work In Restricted Working Space, Add	*13.21*	
		For 304 Stainless Steel, Add	*19.73*	
23 05 29 00-0089	EA	5" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	55.75	24.77
		For 316 Stainless Steel, Add	*52.79*	
		For Work In Restricted Working Space, Add	*14.86*	
		For 304 Stainless Steel, Add	*40.99*	
23 05 29 00-0090	EA	6" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	61.35	27.53
		For 316 Stainless Steel, Add	*53.55*	
		For Work In Restricted Working Space, Add	*16.52*	
		For 304 Stainless Steel, Add	*41.58*	
23 05 29 00-0091	EA	8" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	73.55	33.02
		For 316 Stainless Steel, Add	*63.67*	
		For Work In Restricted Working Space, Add	*19.82*	
		For 304 Stainless Steel, Add	*49.43*	

23 05 29 00-0092 Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT) *(23 05 29 00-0067)*

23 05 29 00-0093	EA	1/2" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	25.76	11.01
		For 316 Stainless Steel, Add	*31.79*	
		For Work In Restricted Working Space, Add	*6.61*	
		For 304 Stainless Steel, Add	*24.68*	
23 05 29 00-0094	EA	3/4" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	26.91	11.01
		For 316 Stainless Steel, Add	*31.79*	
		For Work In Restricted Working Space, Add	*6.95*	
		For 304 Stainless Steel, Add	*24.68*	
23 05 29 00-0095	EA	1" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	28.20	12.11
		For 316 Stainless Steel, Add	*31.79*	
		For Work In Restricted Working Space, Add	*7.34*	
		For 304 Stainless Steel, Add	*24.68*	
23 05 29 00-0096	EA	1-1/4" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	29.64	13.21
		For 316 Stainless Steel, Add	*31.79*	
		For Work In Restricted Working Space, Add	*7.77*	
		For 304 Stainless Steel, Add	*24.68*	
23 05 29 00-0097	EA	1-1/2" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	33.41	15.41
		For 316 Stainless Steel, Add	*34.43*	
		For Work In Restricted Working Space, Add	*8.81*	
		For 304 Stainless Steel, Add	*26.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0098	EA	2" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	35.50	15.41
		For 316 Stainless Steel, Add	*34.43*	
		For Work In Restricted Working Space, Add	*9.44*	
		For 304 Stainless Steel, Add	*26.73*	
23 05 29 00-0099	EA	2-1/2" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	44.50	16.52
		For 316 Stainless Steel, Add	*90.36*	
		For Work In Restricted Working Space, Add	*10.16*	
		For 304 Stainless Steel, Add	*70.16*	
23 05 29 00-0100	EA	3" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	49.87	18.71
		For 316 Stainless Steel, Add	*111.95*	
		For Work In Restricted Working Space, Add	*11.01*	
		For 304 Stainless Steel, Add	*86.92*	
23 05 29 00-0101	EA	3-1/2" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	54.39	20.09
		For 316 Stainless Steel, Add	*120.79*	
		For Work In Restricted Working Space, Add	*12.05*	
		For 304 Stainless Steel, Add	*93.79*	
23 05 29 00-0102	EA	4" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	61.33	22.02
		For 316 Stainless Steel, Add	*147.05*	
		For Work In Restricted Working Space, Add	*13.21*	
		For 304 Stainless Steel, Add	*114.18*	
23 05 29 00-0103	EA	5" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	67.08	24.77
		For 316 Stainless Steel, Add	*149.09*	
		For Work In Restricted Working Space, Add	*14.86*	
		For 304 Stainless Steel, Add	*115.76*	
23 05 29 00-0104	EA	6" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	80.44	27.53
		For 316 Stainless Steel, Add	*215.82*	
		For Work In Restricted Working Space, Add	*16.52*	
		For 304 Stainless Steel, Add	*167.57*	

23 05 29 00-0105 Roller Hangers *(23 05 29 00-0001)*

23 05 29 00-0106 Single Pipe Roll (Cooper B-Line B3114) *(23 05 29 00-0105)*

Note: Excludes rod and nuts. Type 41.

23 05 29 00-0107	EA	2" Single Pipe Roll (Cooper B-Line B3114) Note: Excludes rod and nuts.	32.10	8.81
		For Work In Restricted Working Space, Add	*5.29*	
23 05 29 00-0108	EA	2-1/2" Single Pipe Roll (Cooper B-Line B3114) Note: Excludes rod and nuts.	35.39	9.92
		For Work In Restricted Working Space, Add	*5.95*	
23 05 29 00-0109	EA	3" Single Pipe Roll (Cooper B-Line B3114) Note: Excludes rod and nuts.	39.56	11.57
		For Work In Restricted Working Space, Add	*6.94*	
23 05 29 00-0110	EA	3-1/2" Single Pipe Roll (Cooper B-Line B3114) Note: Excludes rod and nuts.	45.48	13.22
		For Work In Restricted Working Space, Add	*7.93*	
23 05 29 00-0111	EA	4" Single Pipe Roll (Cooper B-Line B3114) Note: Excludes rod and nuts.	61.82	14.87
		For Work In Restricted Working Space, Add	*8.92*	
23 05 29 00-0112	EA	5" Single Pipe Roll (Cooper B-Line B3114) Note: Excludes rod and nuts.	56.16	16.53
		For Work In Restricted Working Space, Add	*9.91*	
23 05 29 00-0113	EA	6" Single Pipe Roll (Cooper B-Line B3114) Note: Excludes rod and nuts.	69.66	19.83
		For Work In Restricted Working Space, Add	*11.90*	
23 05 29 00-0114	EA	8" Single Pipe Roll (Cooper B-Line B3114) Note: Excludes rod and nuts.	92.82	23.14
		For Work In Restricted Working Space, Add	*13.88*	
23 05 29 00-0115	EA	10" Single Pipe Roll (Cooper B-Line B3114) Note: Excludes rod and nuts.	110.08	27.54
		For Work In Restricted Working Space, Add	*16.52*	

23 05 29 00-0116 Adjustable Clevis Roller Hanger (Cooper B-Line B3110) *(23 05 29 00-0105)*

Note: Type 43.

23 05 29 00-0117	EA	2" Steel Clevis Roller Hanger (Cooper B-Line B3110)	48.39	15.55
		For 316 Stainless Steel, Add	*157.17*	
		For Work In Restricted Working Space, Add	*8.97*	
		For 304 Stainless Steel, Add	*122.03*	
23 05 29 00-0118	EA	2-1/2" Steel Clevis Roller Hanger (Cooper B-Line B3110)	50.54	16.02
		For 316 Stainless Steel, Add	*157.17*	
		For Work In Restricted Working Space, Add	*9.62*	
		For 304 Stainless Steel, Add	*122.03*	
23 05 29 00-0119	EA	3" Steel Clevis Roller Hanger (Cooper B-Line B3110)	54.79	16.75
		For 316 Stainless Steel, Add	*175.27*	
		For Work In Restricted Working Space, Add	*10.25*	
		For 304 Stainless Steel, Add	*136.09*	
23 05 29 00-0120	EA	3-1/2" Steel Clevis Roller Hanger (Cooper B-Line B3110)	63.33	17.94
		For 316 Stainless Steel, Add	*233.33*	
		For Work In Restricted Working Space, Add	*10.76*	
		For 304 Stainless Steel, Add	*181.17*	
23 05 29 00-0121	EA	4" Steel Clevis Roller Hanger (Cooper B-Line B3110)	67.32	20.33
		For 316 Stainless Steel, Add	*233.33*	
		For Work In Restricted Working Space, Add	*11.96*	
		For 304 Stainless Steel, Add	*181.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0122	EA	5" Steel Clevis Roller Hanger (Cooper B-Line B3110)	75.83	21.88
		For 316 Stainless Steel, Add	*272.43*	
		For Work In Restricted Working Space, Add	*13.13*	
		For 304 Stainless Steel, Add	*211.53*	
23 05 29 00-0123	EA	6" Steel Clevis Roller Hanger (Cooper B-Line B3110)	87.65	23.92
		For 316 Stainless Steel, Add	*338.30*	
		For Work In Restricted Working Space, Add	*14.36*	
		For 304 Stainless Steel, Add	*262.68*	
23 05 29 00-0124	EA	8" Steel Clevis Roller Hanger (Cooper B-Line B3110)	119.37	29.90
		For 316 Stainless Steel, Add	*506.35*	
		For Work In Restricted Working Space, Add	*17.94*	
		For 304 Stainless Steel, Add	*393.16*	
23 05 29 00-0125	EA	10" Steel Clevis Roller Hanger (Cooper B-Line B3110)	150.70	40.67
		For 316 Stainless Steel, Add	*603.16*	
		For Work In Restricted Working Space, Add	*23.92*	
		For 304 Stainless Steel, Add	*468.34*	
23 05 29 00-0126	EA	12" Steel Clevis Roller Hanger (Cooper B-Line B3110)	194.02	44.85
		For 316 Stainless Steel, Add	*886.72*	
		For Work In Restricted Working Space, Add	*26.91*	
		For 304 Stainless Steel, Add	*688.51*	

23 05 29 00-0127 Roller Chair (Cooper B-Line B3120) *(23 05 29 00-0105)*

23 05 29 00-0128	EA	2" Steel Roller Chair (Cooper B-Line B3120)	47.17	15.55
		For Work In Restricted Working Space, Add	*8.97*	
23 05 29 00-0129	EA	2-1/2" Steel Roller Chair (Cooper B-Line B3120)	50.80	16.02
		For Work In Restricted Working Space, Add	*9.62*	
23 05 29 00-0130	EA	3" Steel Roller Chair (Cooper B-Line B3120)	53.35	16.75
		For Work In Restricted Working Space, Add	*10.25*	
23 05 29 00-0131	EA	3-1/2" Steel Roller Chair (Cooper B-Line B3120)	60.31	17.94
		For Work In Restricted Working Space, Add	*10.76*	
23 05 29 00-0132	EA	4" Steel Roller Chair (Cooper B-Line B3120)	67.19	20.33
		For Work In Restricted Working Space, Add	*11.96*	
23 05 29 00-0133	EA	5" Steel Roller Chair (Cooper B-Line B3120)	73.46	21.88
		For Work In Restricted Working Space, Add	*13.13*	
23 05 29 00-0134	EA	6" Steel Roller Chair (Cooper B-Line B3120)	89.19	23.92
		For Work In Restricted Working Space, Add	*14.36*	
23 05 29 00-0135	EA	8" Steel Roller Chair (Cooper B-Line B3120)	115.69	29.90
		For Work In Restricted Working Space, Add	*17.94*	
23 05 29 00-0136	EA	10" Steel Roller Chair (Cooper B-Line B3120)	149.85	40.67
		For Work In Restricted Working Space, Add	*23.92*	
23 05 29 00-0137	EA	12" Steel Roller Chair (Cooper B-Line B3120)	191.79	44.85
		For Work In Restricted Working Space, Add	*26.91*	
23 05 29 00-0138	EA	14" Steel Roller Chair (Cooper B-Line B3120)	209.94	51.43
		For Work In Restricted Working Space, Add	*30.86*	
23 05 29 00-0139	EA	16" Steel Roller Chair (Cooper B-Line B3120)	252.52	59.80
		For Work In Restricted Working Space, Add	*35.88*	
23 05 29 00-0140	EA	18" Steel Roller Chair (Cooper B-Line B3120)	338.77	74.75
		For Work In Restricted Working Space, Add	*44.85*	
23 05 29 00-0141	EA	20" Steel Roller Chair (Cooper B-Line B3120)	418.43	89.70
		For Work In Restricted Working Space, Add	*53.82*	

23 05 29 00-0142 Adjustable Roller Support (Cooper B-Line B3122) *(23 05 29 00-0105)*

23 05 29 00-0143	EA	2" Steel Adjustable Roller Support (Cooper B-Line B3122)	52.86	15.55
		For Work In Restricted Working Space, Add	*8.97*	
23 05 29 00-0144	EA	2-1/2" Steel Adjustable Roller Support (Cooper B-Line B3122)	59.21	16.02
		For Work In Restricted Working Space, Add	*9.62*	
23 05 29 00-0145	EA	3" Steel Adjustable Roller Support (Cooper B-Line B3122)	62.31	16.75
		For Work In Restricted Working Space, Add	*10.25*	
23 05 29 00-0146	EA	3-1/2" Steel Adjustable Roller Support (Cooper B-Line B3122)	65.80	17.94
		For Work In Restricted Working Space, Add	*10.76*	
23 05 29 00-0147	EA	4" Steel Adjustable Roller Support (Cooper B-Line B3122)	78.68	20.33
		For Work In Restricted Working Space, Add	*11.96*	
23 05 29 00-0148	EA	5" Steel Adjustable Roller Support (Cooper B-Line B3122)	89.03	21.88
		For Work In Restricted Working Space, Add	*13.13*	
23 05 29 00-0149	EA	6" Steel Adjustable Roller Support (Cooper B-Line B3122)	103.25	23.92
		For Work In Restricted Working Space, Add	*14.36*	
23 05 29 00-0150	EA	8" Steel Adjustable Roller Support (Cooper B-Line B3122)	144.62	29.90
		For Work In Restricted Working Space, Add	*17.94*	
23 05 29 00-0151	EA	10" Steel Adjustable Roller Support (Cooper B-Line B3122)	181.04	40.67
		For Work In Restricted Working Space, Add	*23.92*	
23 05 29 00-0152	EA	12" Steel Adjustable Roller Support (Cooper B-Line B3122)	209.06	44.85
		For Work In Restricted Working Space, Add	*26.91*	
23 05 29 00-0153	EA	14" Steel Adjustable Roller Support (Cooper B-Line B3122)	292.63	51.43
		For Work In Restricted Working Space, Add	*30.86*	
23 05 29 00-0154	EA	16" Steel Adjustable Roller Support (Cooper B-Line B3122)	350.31	59.80
		For Work In Restricted Working Space, Add	*35.88*	
23 05 29 00-0155	EA	18" Steel Adjustable Roller Support (Cooper B-Line B3122)	399.62	74.75
		For Work In Restricted Working Space, Add	*44.85*	

23 05 29 00-0156 Adjustable Double Roller Support (Cooper B-Line B3122A) *(23 05 29 00-0105)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0157	EA	2" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	53.18	15.55
		For Work In Restricted Working Space, Add	*8.97*	
23 05 29 00-0158	EA	2-1/2" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	59.50	16.02
		For Work In Restricted Working Space, Add	*9.62*	
23 05 29 00-0159	EA	3" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	62.80	16.75
		For Work In Restricted Working Space, Add	*10.25*	
23 05 29 00-0160	EA	3-1/2" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	65.37	17.94
		For Work In Restricted Working Space, Add	*10.76*	
23 05 29 00-0161	EA	4" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	82.00	20.33
		For Work In Restricted Working Space, Add	*11.96*	
23 05 29 00-0162	EA	5" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	92.94	21.88
		For Work In Restricted Working Space, Add	*13.13*	
23 05 29 00-0163	EA	6" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	107.91	23.92
		For Work In Restricted Working Space, Add	*14.36*	
23 05 29 00-0164	EA	8" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	151.84	29.90
		For Work In Restricted Working Space, Add	*17.94*	
23 05 29 00-0165	EA	10" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	189.71	40.67
		For Work In Restricted Working Space, Add	*23.92*	
23 05 29 00-0166	EA	12" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	219.21	44.85
		For Work In Restricted Working Space, Add	*26.91*	
23 05 29 00-0167	EA	14" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	308.85	51.43
		For Work In Restricted Working Space, Add	*30.86*	

23 05 29 00-0168 Pipe And Riser Clamps *(23 05 29 00-0001)*

Note: Includes bolts and weldless eye nuts.

23 05 29 00-0169 Steel Pipe Clamp (Cooper B-Line B3140) *(23 05 29 00-0168)*

Note: Type 4.

23 05 29 00-0170	EA	1/2" Steel Pipe Clamp (Cooper B-Line B3140)	18.57	7.14
		For Work In Restricted Working Space, Add	*4.28*	
23 05 29 00-0171	EA	3/4" Steel Pipe Clamp (Cooper B-Line B3140)	18.81	7.25
		For Work In Restricted Working Space, Add	*4.35*	
23 05 29 00-0172	EA	1" Steel Pipe Clamp (Cooper B-Line B3140)	19.08	7.37
		For Work In Restricted Working Space, Add	*4.43*	
23 05 29 00-0173	EA	1-1/4" Steel Pipe Clamp (Cooper B-Line B3140)	20.63	7.49
		For Work In Restricted Working Space, Add	*4.49*	
23 05 29 00-0174	EA	1-1/2" Steel Pipe Clamp (Cooper B-Line B3140)	20.87	7.61
		For Work In Restricted Working Space, Add	*4.57*	
23 05 29 00-0175	EA	2" Steel Pipe Clamp (Cooper B-Line B3140)	22.10	7.73
		For Work In Restricted Working Space, Add	*4.64*	
23 05 29 00-0176	EA	2-1/2" Steel Pipe Clamp (Cooper B-Line B3140)	22.97	7.97
		For Work In Restricted Working Space, Add	*4.78*	
23 05 29 00-0177	EA	3" Steel Pipe Clamp (Cooper B-Line B3140)	24.26	8.20
		For Work In Restricted Working Space, Add	*4.92*	
23 05 29 00-0178	EA	3-1/2" Steel Pipe Clamp (Cooper B-Line B3140)	27.75	8.33
		For Work In Restricted Working Space, Add	*5.00*	
23 05 29 00-0179	EA	4" Steel Pipe Clamp (Cooper B-Line B3140)	32.51	10.71
		For Work In Restricted Working Space, Add	*6.42*	
23 05 29 00-0180	EA	5" Steel Pipe Clamp (Cooper B-Line B3140)	46.27	14.27
		For Work In Restricted Working Space, Add	*8.56*	
23 05 29 00-0181	EA	6" Steel Pipe Clamp (Cooper B-Line B3140)	62.87	17.85
		For Work In Restricted Working Space, Add	*10.70*	
23 05 29 00-0182	EA	8" Steel Pipe Clamp (Cooper B-Line B3140)	73.94	20.82
		For Work In Restricted Working Space, Add	*12.49*	
23 05 29 00-0183	EA	10" Steel Pipe Clamp (Cooper B-Line B3140)	105.82	23.79
		For Work In Restricted Working Space, Add	*14.27*	
23 05 29 00-0184	EA	12" Steel Pipe Clamp (Cooper B-Line B3140)	142.43	26.17
		For Work In Restricted Working Space, Add	*15.70*	

23 05 29 00-0185 Steel Heavy-Duty Pipe Clamp (Cooper B-Line B3142) *(23 05 29 00-0168)*

23 05 29 00-0186	EA	3" Two Bolt Steel Heavy-Duty Pipe Clamp (Cooper B-Line B3142)	35.95	7.70
		For Work In Restricted Working Space, Add	*4.59*	
23 05 29 00-0187	EA	4" Two Bolt Steel Heavy-Duty Pipe Clamp (Cooper B-Line B3142)	46.55	7.70
		For Work In Restricted Working Space, Add	*4.59*	
23 05 29 00-0188	EA	5" Two Bolt Steel Heavy-Duty Pipe Clamp (Cooper B-Line B3142)	50.99	7.98
		For Work In Restricted Working Space, Add	*4.79*	
23 05 29 00-0189	EA	6" Two Bolt Steel Heavy-Duty Pipe Clamp (Cooper B-Line B3142)	80.19	8.26
		For Work In Restricted Working Space, Add	*4.99*	
23 05 29 00-0190	EA	8" Two Bolt Steel Heavy-Duty Pipe Clamp (Cooper B-Line B3142)	87.17	8.80
		For Work In Restricted Working Space, Add	*5.28*	
23 05 29 00-0191	EA	10" Two Bolt Steel Heavy-Duty Pipe Clamp (Cooper B-Line B3142)	147.53	8.80
		For Work In Restricted Working Space, Add	*5.27*	
23 05 29 00-0192	EA	12" Two Bolt Steel Heavy-Duty Pipe Clamp (Cooper B-Line B3142)	237.54	9.91
		For Work In Restricted Working Space, Add	*5.94*	
23 05 29 00-0193	EA	14" Two Bolt Steel Heavy-Duty Pipe Clamp (Cooper B-Line B3142)	300.93	11.01
		For Work In Restricted Working Space, Add	*6.61*	
23 05 29 00-0194	EA	16" Two Bolt Steel Heavy-Duty Pipe Clamp (Cooper B-Line B3142)	327.57	13.21
		For Work In Restricted Working Space, Add	*7.93*	
23 05 29 00-0195	EA	18" Two Bolt Steel Heavy-Duty Pipe Clamp (Cooper B-Line B3142)	1,011.37	15.41
		For Work In Restricted Working Space, Add	*9.25*	
23 05 29 00-0196	EA	20" Two Bolt Steel Heavy-Duty Pipe Clamp (Cooper B-Line B3142)	1,162.18	16.52
		For Work In Restricted Working Space, Add	*9.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0197	EA	24" Two Bolt Steel Heavy-Duty Pipe Clamp (Cooper B-Line B3142)	1,487.63	17.61
		For Work In Restricted Working Space, Add	*10.57*	

23 05 29 00-0198 Steel Riser Clamp (Cooper B-Line B3373) *(23 05 29 00-0168)*

Note: Type 8.

23 05 29 00-0199	EA	1/2" Steel Riser Clamp (Cooper B-Line B3373)	18.60	6.61
		For Work In Restricted Working Space, Add	*3.96*	
23 05 29 00-0200	EA	3/4" Steel Riser Clamp (Cooper B-Line B3373)	19.32	6.72
		For Work In Restricted Working Space, Add	*4.03*	
23 05 29 00-0201	EA	1" Steel Riser Clamp (Cooper B-Line B3373)	19.60	6.83
		For Work In Restricted Working Space, Add	*4.10*	
23 05 29 00-0202	EA	1-1/4" Steel Riser Clamp (Cooper B-Line B3373)	21.06	6.94
		For Work In Restricted Working Space, Add	*4.16*	
23 05 29 00-0203	EA	1-1/2" Steel Riser Clamp (Cooper B-Line B3373)	21.84	7.05
		For Work In Restricted Working Space, Add	*4.23*	
23 05 29 00-0204	EA	2" Steel Riser Clamp (Cooper B-Line B3373)	22.36	7.16
		For Work In Restricted Working Space, Add	*4.29*	
23 05 29 00-0205	EA	2-1/2" Steel Riser Clamp (Cooper B-Line B3373)	23.29	7.37
		For Work In Restricted Working Space, Add	*4.43*	
23 05 29 00-0206	EA	3" Steel Riser Clamp (Cooper B-Line B3373)	24.62	7.59
		For Work In Restricted Working Space, Add	*4.56*	
23 05 29 00-0207	EA	3-1/2" Steel Riser Clamp (Cooper B-Line B3373)	26.87	7.70
		For Work In Restricted Working Space, Add	*4.62*	
23 05 29 00-0208	EA	4" Steel Riser Clamp (Cooper B-Line B3373)	32.80	9.91
		For Work In Restricted Working Space, Add	*5.95*	
23 05 29 00-0209	EA	5" Steel Riser Clamp (Cooper B-Line B3373)	42.51	13.21
		For Work In Restricted Working Space, Add	*7.93*	
23 05 29 00-0210	EA	6" Steel Riser Clamp (Cooper B-Line B3373)	53.84	16.52
		For Work In Restricted Working Space, Add	*9.91*	
23 05 29 00-0211	EA	8" Steel Riser Clamp (Cooper B-Line B3373)	72.61	19.27
		For Work In Restricted Working Space, Add	*11.56*	
23 05 29 00-0212	EA	10" Steel Riser Clamp (Cooper B-Line B3373)	94.47	22.02
		For Work In Restricted Working Space, Add	*13.21*	
23 05 29 00-0213	EA	12" Steel Riser Clamp (Cooper B-Line B3373)	113.59	24.22
		For Work In Restricted Working Space, Add	*14.53*	
23 05 29 00-0214	EA	14" Steel Riser Clamp (Cooper B-Line B3373)	150.86	26.42
		For Work In Restricted Working Space, Add	*15.85*	
23 05 29 00-0215	EA	16" Steel Riser Clamp (Cooper B-Line B3373)	281.00	28.62
		For Work In Restricted Working Space, Add	*17.18*	

23 05 29 00-0216 Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C) *(23 05 29 00-0168)*

23 05 29 00-0217	EA	1/2" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	31.40	6.61
		For Work In Restricted Working Space, Add	*3.96*	
23 05 29 00-0218	EA	3/4" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	31.89	6.72
		For Work In Restricted Working Space, Add	*4.03*	
23 05 29 00-0219	EA	1" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	33.15	6.83
		For Work In Restricted Working Space, Add	*4.10*	
23 05 29 00-0220	EA	1-1/4" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	35.35	6.94
		For Work In Restricted Working Space, Add	*4.16*	
23 05 29 00-0221	EA	1-1/2" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	39.70	7.05
		For Work In Restricted Working Space, Add	*4.23*	
23 05 29 00-0222	EA	2" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	42.09	7.16
		For Work In Restricted Working Space, Add	*4.29*	
23 05 29 00-0223	EA	2-1/2" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	45.45	7.37
		For Work In Restricted Working Space, Add	*4.43*	
23 05 29 00-0224	EA	3" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	49.80	7.59
		For Work In Restricted Working Space, Add	*4.56*	
23 05 29 00-0225	EA	4" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	67.34	9.91
		For Work In Restricted Working Space, Add	*5.95*	

23 05 29 00-0226 Two Bolt Steel Underground Clamp (Cooper B-Line B3132) *(23 05 29 00-0168)*

Note: Type 42

23 05 29 00-0227	EA	4" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	68.69	7.70
		For Work In Restricted Working Space, Add	*4.59*	
23 05 29 00-0228	EA	6" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	72.97	8.26
		For Work In Restricted Working Space, Add	*4.99*	
23 05 29 00-0229	EA	8" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	80.03	8.80
		For Work In Restricted Working Space, Add	*5.28*	
23 05 29 00-0230	EA	10" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	85.27	8.80
		For Work In Restricted Working Space, Add	*5.27*	
23 05 29 00-0231	EA	12" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	102.96	9.91
		For Work In Restricted Working Space, Add	*5.94*	

23 05 29 00-0232 Four Bolt Steel Underground Clamp (Cooper B-Line B3134) *(23 05 29 00-0168)*

23 05 29 00-0233	EA	4" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	63.56	7.70
		For Work In Restricted Working Space, Add	*4.59*	
23 05 29 00-0234	EA	6" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	68.57	8.26
		For Work In Restricted Working Space, Add	*4.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0235	EA	8" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	118.27	8.80
		For Work In Restricted Working Space, Add	*5.28*	
23 05 29 00-0236	EA	10" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	131.24	8.80
		For Work In Restricted Working Space, Add	*5.27*	
23 05 29 00-0237	EA	12" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	187.73	9.91
		For Work In Restricted Working Space, Add	*5.94*	
23 05 29 00-0238	EA	14" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	286.72	11.01
		For Work In Restricted Working Space, Add	*6.61*	
23 05 29 00-0239	EA	16" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	384.18	13.21
		For Work In Restricted Working Space, Add	*7.93*	
23 05 29 00-0240	EA	18" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	457.18	15.41
		For Work In Restricted Working Space, Add	*9.25*	
23 05 29 00-0241	EA	20" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	666.67	16.52
		For Work In Restricted Working Space, Add	*9.91*	
23 05 29 00-0242	EA	24" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	911.15	17.61
		For Work In Restricted Working Space, Add	*10.57*	

23 05 29 00-0243 Split Pipe Clamps And Rings *(23 05 29 00-0001)*

23 05 29 00-0244 Adjustable Split Ring Swivel Hanger (Cooper B-Line B3171) *(23 05 29 00-0243)*

Note: Type 6.

23 05 29 00-0245	EA	3/4" Adjustable Swivel Ring (Cooper B-Line B3171)	30.57	10.11
		For Work In Restricted Working Space, Add	*6.07*	
23 05 29 00-0246	EA	1" Adjustable Swivel Ring (Cooper B-Line B3171)	32.38	10.71
		For Work In Restricted Working Space, Add	*6.42*	
23 05 29 00-0247	EA	1-1/4" Adjustable Swivel Ring (Cooper B-Line B3171)	35.28	11.89
		For Work In Restricted Working Space, Add	*7.14*	
23 05 29 00-0248	EA	1-1/2" Adjustable Swivel Ring (Cooper B-Line B3171)	37.92	12.49
		For Work In Restricted Working Space, Add	*7.49*	
23 05 29 00-0249	EA	2" Adjustable Swivel Ring (Cooper B-Line B3171)	40.84	13.09
		For Work In Restricted Working Space, Add	*7.85*	
23 05 29 00-0250	EA	2-1/2" Adjustable Swivel Ring (Cooper B-Line B3171)	49.72	13.68
		For Work In Restricted Working Space, Add	*8.21*	
23 05 29 00-0251	EA	3" Adjustable Swivel Ring (Cooper B-Line B3171)	54.35	14.27
		For Work In Restricted Working Space, Add	*8.56*	
23 05 29 00-0252	EA	4" Adjustable Swivel Ring (Cooper B-Line B3171)	71.49	16.06
		For Work In Restricted Working Space, Add	*9.64*	
23 05 29 00-0253	EA	5" Adjustable Swivel Ring (Cooper B-Line B3171)	90.85	20.22
		For Work In Restricted Working Space, Add	*12.13*	
23 05 29 00-0254	EA	6" Adjustable Swivel Ring (Cooper B-Line B3171)	120.53	23.79
		For Work In Restricted Working Space, Add	*14.27*	

23 05 29 00-0255 Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R) *(23 05 29 00-0243)*

Note: Type 11.

23 05 29 00-0256	EA	1/2" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	20.43	8.37
		For Work In Restricted Working Space, Add	*5.12*	
23 05 29 00-0257	EA	3/4" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	21.53	8.37
		For Work In Restricted Working Space, Add	*5.36*	
23 05 29 00-0258	EA	1" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	23.73	10.76
		For Work In Restricted Working Space, Add	*5.98*	
23 05 29 00-0259	EA	1-1/4" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	25.71	10.76
		For Work In Restricted Working Space, Add	*6.29*	
23 05 29 00-0260	EA	1-1/2" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	28.46	10.76
		For Work In Restricted Working Space, Add	*6.52*	
23 05 29 00-0261	EA	2" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	33.07	11.96
		For Work In Restricted Working Space, Add	*7.17*	
23 05 29 00-0262	EA	2-1/2" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	43.19	11.96
		For Work In Restricted Working Space, Add	*7.47*	
23 05 29 00-0263	EA	3" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	47.79	13.15
		For Work In Restricted Working Space, Add	*7.80*	
23 05 29 00-0264	EA	4" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	51.00	14.35
		For Work In Restricted Working Space, Add	*8.54*	

23 05 29 00-0265 Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H) *(23 05 29 00-0243)*

Note: Type 12.

23 05 29 00-0266	EA	1/2" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)	20.43	8.37
		For Work In Restricted Working Space, Add	*5.12*	
23 05 29 00-0267	EA	3/4" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)	21.53	8.97
		For Work In Restricted Working Space, Add	*5.36*	
23 05 29 00-0268	EA	1" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)	23.73	10.16
		For Work In Restricted Working Space, Add	*5.98*	
23 05 29 00-0269	EA	1-1/4" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)	25.71	10.76
		For Work In Restricted Working Space, Add	*6.29*	
23 05 29 00-0270	EA	1-1/2" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)	28.46	10.76
		For Work In Restricted Working Space, Add	*6.52*	
23 05 29 00-0271	EA	2" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)	33.07	11.96
		For Work In Restricted Working Space, Add	*7.17*	
23 05 29 00-0272	EA	2-1/2" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)	43.19	12.55
		For Work In Restricted Working Space, Add	*7.47*	
23 05 29 00-0273	EA	3" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)	47.79	13.15
		For Work In Restricted Working Space, Add	*7.80*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0274		Pipe Straps *(23 05 29 00-0001)*			
23 05 29 00-0275		Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B-3180) *(23 05 29 00-0274)*			
23 05 29 00-0276	EA	1/2" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)		13.94	5.98
		For Work In Restricted Working Space, Add		*3.59*	
23 05 29 00-0277	EA	3/4" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)		14.56	7.18
		For Work In Restricted Working Space, Add		*3.77*	
23 05 29 00-0278	EA	1" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)		15.27	7.18
		For Work In Restricted Working Space, Add		*3.99*	
23 05 29 00-0279	EA	1-1/4" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)		16.14	7.18
		For Work In Restricted Working Space, Add		*4.22*	
23 05 29 00-0280	EA	1-1/2" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)		17.09	8.37
		For Work In Restricted Working Space, Add		*4.49*	
23 05 29 00-0281	EA	2" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)		19.47	8.37
		For Work In Restricted Working Space, Add		*4.79*	
23 05 29 00-0282	EA	2-1/2" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)		23.45	8.37
		For Work In Restricted Working Space, Add		*5.12*	
23 05 29 00-0283	EA	3" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)		29.53	8.37
		For Work In Restricted Working Space, Add		*5.52*	
23 05 29 00-0284	EA	4" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)		34.94	10.76
		For Work In Restricted Working Space, Add		*6.46*	
23 05 29 00-0285	EA	6" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)		42.41	11.96
		For Work In Restricted Working Space, Add		*7.17*	
23 05 29 00-0286	EA	8" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)		52.35	13.15
		For Work In Restricted Working Space, Add		*7.89*	
23 05 29 00-0287		Two Hole Copper-Clad Pipe Straps *(23 05 29 00-0274)*			
23 05 29 00-0288	EA	1/2" Two Hole Copper-Clad Pipe Strap		6.65	
		For Work In Restricted Working Space, Add		*1.79*	
23 05 29 00-0289	EA	3/4" Two Hole Copper-Clad Pipe Strap		7.07	
		For Work In Restricted Working Space, Add		*1.88*	
23 05 29 00-0290	EA	1" Two Hole Copper-Clad Pipe Strap		7.95	
		For Work In Restricted Working Space, Add		*1.97*	
23 05 29 00-0291	EA	1-1/4" Two Hole Copper-Clad Pipe Strap		8.87	
		For Work In Restricted Working Space, Add		*2.06*	
23 05 29 00-0292	EA	1-1/2" Two Hole Copper-Clad Pipe Strap		9.55	
		For Work In Restricted Working Space, Add		*2.15*	
23 05 29 00-0293	EA	2" Two Hole Copper-Clad Pipe Strap		10.36	
		For Work In Restricted Working Space, Add		*2.33*	
23 05 29 00-0294		One Hole Galvanized Steel Pipe Straps *(23 05 29 00-0274)*			
23 05 29 00-0295	EA	1/2" One Hole Galvanized Steel Pipe Strap (Anvil 185D)		2.87	
		For Work In Restricted Working Space, Add		*0.60*	
23 05 29 00-0296	EA	3/4" One Hole Galvanized Steel Pipe Strap (Anvil 185D)		3.38	
		For Work In Restricted Working Space, Add		*0.64*	
23 05 29 00-0297	EA	1" One Hole Galvanized Steel Pipe Strap (Anvil 185D)		3.64	
		For Work In Restricted Working Space, Add		*0.69*	
23 05 29 00-0298	EA	1-1/4" Galvanized Steel Strap, 1 Hole		3.91	
		For Work In Restricted Working Space, Add		*0.75*	
23 05 29 00-0299	EA	1-1/2" Galvanized Steel Strap, 1 Hole		4.21	
		For Work In Restricted Working Space, Add		*0.82*	
23 05 29 00-0300	EA	2" Galvanized Steel Strap, 1 Hole		4.69	
		For Work In Restricted Working Space, Add		*0.90*	
23 05 29 00-0301		Pipe and Equipment Support Brackets *(23 05 29 00-0001)*			
23 05 29 00-0302		Pipe and Equipment Supports, Light Duty Welded Steel Bracket (Cooper B-Line B3068) *(23 05 29 00-0301)*			
		Note: Up to 750# load.			
23 05 29 00-0303	EA	9" x 9" Light Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3068)		115.19	13.21
		For Galvanized, Add		*17.75*	
		For Work In Restricted Working Space, Add		*7.93*	
23 05 29 00-0304	EA	13" x 13" Light Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3068)		116.81	13.21
		For Galvanized, Add		*18.08*	
		For Work In Restricted Working Space, Add		*7.93*	
23 05 29 00-0305	EA	19" x 19" Light Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3068)		123.23	13.21
		For Galvanized, Add		*19.36*	
		For Work In Restricted Working Space, Add		*7.93*	
23 05 29 00-0306		Pipe and Equipment Supports, Medium Duty Welded Steel Bracket (Cooper B-Line B3066) *(23 05 29 00-0301)*			
		Note: Up to 1500# load.			
23 05 29 00-0307	EA	12" Wide x 18" Deep Medium Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3066)		272.03	13.21
		For Galvanized, Add		*49.12*	
		For Work In Restricted Working Space, Add		*7.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0308	EA	18" Wide x 24" Deep Medium Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3066)	318.20	13.21
		For Galvanized, Add	*58.36*	
		For Work In Restricted Working Space, Add	*7.93*	
23 05 29 00-0309	EA	24" Wide x 30" Deep Medium Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3066)	412.35	13.21
		For Galvanized, Add	*77.19*	
		For Work In Restricted Working Space, Add	*7.93*	

23 05 29 00-0310 Pipe Alignment Guide *(23 05 29 00-0001)*

23 05 29 00-0311 Pipe Alignment Guide, 1" Insulation *(23 05 29 00-0310)*

23 05 29 00-0312	EA	1/2" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-1/2)	454.64	20.92
23 05 29 00-0313	EA	3/4" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-3/4)	455.73	21.47
23 05 29 00-0314	EA	1" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-1)	456.83	22.02
23 05 29 00-0315	EA	1-1/4" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-1-1/4)	457.94	22.57
23 05 29 00-0316	EA	1-1/2" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-1-1/2)	499.25	23.12
23 05 29 00-0317	EA	2" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-2)	509.90	25.32
23 05 29 00-0318	EA	2-1/2" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-2-1/2)	511.55	26.15
23 05 29 00-0319	EA	3" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-3)	513.20	26.97
23 05 29 00-0320	EA	4" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-4)	543.19	28.62
23 05 29 00-0321	EA	5" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-5)	634.31	36.33
23 05 29 00-0322	EA	6" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-6)	649.72	44.03
23 05 29 00-0323	EA	8" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-8)	733.89	55.05
23 05 29 00-0324	EA	10" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-10)	1,346.39	66.06
23 05 29 00-0325	EA	12" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-12)	2,045.41	88.07
23 05 29 00-0326	EA	14" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-14)	2,517.50	110.09
23 05 29 00-0327	EA	16" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-16)	3,026.42	123.30
23 05 29 00-0328	EA	18" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-18)	3,265.61	137.62
23 05 29 00-0329	EA	20" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-20)	3,473.88	157.43
23 05 29 00-0330	EA	24" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-24)	4,367.15	165.14

23 05 29 00-0331 Pipe Alignment Guide, 1-1/2" Insulation *(23 05 29 00-0310)*

23 05 29 00-0332	EA	1/2" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-1/2)	455.73	21.47
23 05 29 00-0333	EA	3/4" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-3/4)	497.04	22.02
23 05 29 00-0334	EA	1" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-1)	498.15	22.57
23 05 29 00-0335	EA	1-1/4" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-1-1/4)	499.25	23.12
23 05 29 00-0336	EA	1-1/2" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-1-1/2)	500.35	23.67
23 05 29 00-0337	EA	2" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-2)	511.01	25.87
23 05 29 00-0338	EA	2-1/2" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-2-1/2)	512.66	26.70
23 05 29 00-0339	EA	3" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-3)	540.99	27.53
23 05 29 00-0340	EA	4" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-4)	544.28	29.18
23 05 29 00-0341	EA	5" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-5)	635.96	37.15
23 05 29 00-0342	EA	6" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-6)	651.92	45.14
23 05 29 00-0343	EA	8" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-8)	736.64	56.42
23 05 29 00-0344	EA	10" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-10)	1,349.69	67.71
23 05 29 00-0345	EA	12" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-12)	2,049.81	90.27
23 05 29 00-0346	EA	14" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-14)	2,523.01	112.84
23 05 29 00-0347	EA	16" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-16)	3,033.02	126.61
23 05 29 00-0348	EA	18" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-18)	3,272.21	140.92
23 05 29 00-0349	EA	20" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-20)	3,481.59	161.28
23 05 29 00-0350	EA	24" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-24)	4,375.41	169.26

23 05 29 00-0351 Pipe Alignment Guide, 2" Insulation *(23 05 29 00-0310)*

23 05 29 00-0352	EA	1/2" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-1/2)	497.04	22.02
23 05 29 00-0353	EA	3/4" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-3/4)	504.40	22.57
23 05 29 00-0354	EA	1" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-1)	505.50	23.12
23 05 29 00-0355	EA	1-1/4" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-1-1/4)	506.60	23.67
23 05 29 00-0356	EA	1-1/2" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-1-1/2)	507.70	24.22
23 05 29 00-0357	EA	2" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-2)	538.78	26.42
23 05 29 00-0358	EA	2-1/2" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-2-1/2)	540.99	27.53
23 05 29 00-0359	EA	3" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-3)	542.36	28.21
23 05 29 00-0360	EA	4" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-4)	621.10	29.72
23 05 29 00-0361	EA	5" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-5)	637.61	37.98
23 05 29 00-0362	EA	6" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-6)	716.28	46.24
23 05 29 00-0363	EA	8" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-8)	808.24	57.80
23 05 29 00-0364	EA	10" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-10)	1,352.99	69.36
23 05 29 00-0365	EA	12" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-12)	2,054.21	92.48
23 05 29 00-0366	EA	14" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-14)	2,528.51	115.60
23 05 29 00-0367	EA	16" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-16)	3,039.38	129.78
23 05 29 00-0368	EA	18" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-18)	3,279.37	144.49
23 05 29 00-0369	EA	20" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-20)	3,489.29	165.14
23 05 29 00-0370	EA	24" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-24)	4,383.67	173.39

23 05 29 00-0371 Pipe Alignment Guide, 2-1/2" Insulation *(23 05 29 00-0310)*

23 05 29 00-0372	EA	1/2" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-1/2)	504.40	22.57
23 05 29 00-0373	EA	3/4" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-3/4)	532.18	23.12
23 05 29 00-0374	EA	1" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-1)	533.28	23.67
23 05 29 00-0375	EA	1-1/4" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-1-1/4)	534.38	24.22

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0376	EA	1-1/2" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-1-1/2)	535.48	24.77
23 05 29 00-0377	EA	2" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-2)	539.88	26.97
23 05 29 00-0378	EA	2-1/2" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-2-1/2)	542.36	28.21
23 05 29 00-0379	EA	3" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-3)	619.45	28.89
23 05 29 00-0380	EA	4" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-4)	622.20	30.27
23 05 29 00-0381	EA	5" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-5)	700.87	38.53
23 05 29 00-0382	EA	6" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-6)	718.48	47.34
23 05 29 00-0383	EA	8" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-8)	1,332.63	59.17
23 05 29 00-0384	EA	10" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-10)	2,011.28	71.01
23 05 29 00-0385	EA	12" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-12)	2,486.67	94.68
23 05 29 00-0386	EA	14" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-14)	2,534.45	118.35
23 05 29 00-0387	EA	16" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-16)	3,046.23	133.21
23 05 29 00-0388	EA	18" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-18)	3,286.52	148.07
23 05 29 00-0389	EA	20" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-20)	3,497.55	169.26
23 05 29 00-0390	EA	24" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-24)	4,392.47	177.80
23 05 29 00-0391		**Pipe Alignment Guide, 3" Insulation** *(23 05 29 00-0310)*		
23 05 29 00-0392	EA	1/2" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-1/2)	532.18	23.12
23 05 29 00-0393	EA	3/4" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-3/4)	533.28	23.67
23 05 29 00-0394	EA	1" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-1)	534.38	24.22
23 05 29 00-0395	EA	1-1/4" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-1-1/4)	535.48	24.77
23 05 29 00-0396	EA	1-1/2" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-1-1/2)	536.58	25.32
23 05 29 00-0397	EA	2" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-2)	616.70	27.53
23 05 29 00-0398	EA	2-1/2" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-2-1/2)	619.45	28.89
23 05 29 00-0399	EA	3" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-3)	621.10	29.72
23 05 29 00-0400	EA	4" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-4)	685.89	31.05
23 05 29 00-0401	EA	5" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-5)	703.06	39.63
23 05 29 00-0402	EA	6" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-6)	789.52	48.44
23 05 29 00-0403	EA	8" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-8)	1,335.38	60.55
23 05 29 00-0404	EA	10" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-10)	2,014.58	72.66
23 05 29 00-0405	EA	12" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-12)	2,491.08	96.88
23 05 29 00-0406	EA	14" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-14)	2,539.95	121.10
23 05 29 00-0407	EA	16" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-16)	3,052.84	136.51
23 05 29 00-0408	EA	18" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-18)	3,293.13	151.37
23 05 29 00-0409	EA	20" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-20)	3,505.81	173.39
23 05 29 00-0410	EA	24" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-24)	4,401.28	182.20
23 05 29 00-0411		**Pipe Alignment Guide, 3-1/2" Insulation** *(23 05 29 00-0310)*		
23 05 29 00-0412	EA	1/2" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-1/2)	533.28	23.67
23 05 29 00-0413	EA	3/4" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-3/4)	610.09	24.22
23 05 29 00-0414	EA	1" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-1)	611.19	24.77
23 05 29 00-0415	EA	1-1/4" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-1-1/4)	612.29	25.32
23 05 29 00-0416	EA	1-1/2" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-1-1/2)	613.40	25.87
23 05 29 00-0417	EA	2" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-2)	618.07	28.21
23 05 29 00-0418	EA	2-1/2" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-2-1/2)	620.88	29.61
23 05 29 00-0419	EA	3" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-3)	684.73	30.47
23 05 29 00-0420	EA	4" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-4)	687.65	31.93
23 05 29 00-0421	EA	5" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-5)	774.11	40.73
23 05 29 00-0422	EA	6" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-6)	1,313.36	49.54
23 05 29 00-0423	EA	8" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-8)	1,993.11	61.93
23 05 29 00-0424	EA	10" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-10)	2,446.71	74.48
23 05 29 00-0425	EA	12" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-12)	2,977.97	99.08
23 05 29 00-0426	EA	14" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-14)	3,028.06	124.13
23 05 29 00-0427	EA	16" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-16)	3,279.94	139.81
23 05 29 00-0428	EA	18" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-18)	3,469.48	155.23
23 05 29 00-0429	EA	20" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-20)	4,391.37	177.25
23 05 29 00-0430		**Pipe Alignment Guide, 4" Insulation** *(23 05 29 00-0310)*		
23 05 29 00-0431	EA	1/2" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-1/2)	610.09	24.22
23 05 29 00-0432	EA	3/4" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-3/4)	611.19	24.77
23 05 29 00-0433	EA	1" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-1)	612.29	25.32
23 05 29 00-0434	EA	1-1/4" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-1-1/4)	613.40	25.87
23 05 29 00-0435	EA	1-1/2" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-1-1/2)	614.49	26.42
23 05 29 00-0436	EA	2" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-2)	681.60	28.89
23 05 29 00-0437	EA	2-1/2" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-2-1/2)	684.35	30.27
23 05 29 00-0438	EA	3" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-3)	686.22	31.21
23 05 29 00-0439	EA	4" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-4)	758.14	32.75
23 05 29 00-0440	EA	5" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-5)	1,297.95	41.84
23 05 29 00-0441	EA	6" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-6)	1,315.57	50.64
23 05 29 00-0442	EA	8" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-8)	1,995.87	63.30
23 05 29 00-0443	EA	10" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-10)	2,450.77	76.51
23 05 29 00-0444	EA	12" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-12)	2,982.93	101.56
23 05 29 00-0445	EA	14" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-14)	3,243.59	126.61
23 05 29 00-0446	EA	16" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-16)	3,445.26	143.11
23 05 29 00-0447	EA	18" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-18)	4,356.14	159.63

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0448		**Sway Bracing For No Hub Pipe** *(23 05 29 00-0001)*		
23 05 29 00-0449	EA	1-1/2" Sway Bracing	155.78	14.53
		For Work In Restricted Working Space, Add	*8.69*	
23 05 29 00-0450	EA	2" Sway Bracing	160.40	15.30
		For Work In Restricted Working Space, Add	*9.17*	
23 05 29 00-0451	EA	3" Sway Bracing	166.05	16.18
		For Work In Restricted Working Space, Add	*9.71*	
23 05 29 00-0452	EA	4" Sway Bracing	188.49	18.38
		For Work In Restricted Working Space, Add	*11.01*	
23 05 29 00-0453	EA	6" Sway Bracing	276.40	27.53
		For Work In Restricted Working Space, Add	*16.52*	
23 05 29 00-0454	EA	8" Sway Bracing	305.19	34.34
		For Work In Restricted Working Space, Add	*20.64*	
23 05 29 00-0455	EA	10" Sway Bracing	342.26	45.91
		For Work In Restricted Working Space, Add	*27.52*	
23 05 29 00-0456		**Pipe Stand With Adjustable Saddle (Cooper B-Line B3088T-18 Base, B3093 Adjustable Pipe Saddle)** *(23 05 29 00-0001)*		
		Note: Heights listed is total for base and adjustable saddle		
23 05 29 00-0457	EA	23" to 28" High Pipe Stand With Adjustable Saddle For 1-1/4" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	368.32	11.01
		For Work In Restricted Working Space, Add	*6.61*	
23 05 29 00-0458	EA	24" to 29" High Pipe Stand With Adjustable Saddle For 1-1/2" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	376.14	12.11
		For Work In Restricted Working Space, Add	*7.27*	
23 05 29 00-0459	EA	24" to 29" High Pipe Stand With Adjustable Saddle For 2" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	735.47	13.76
		For Work In Restricted Working Space, Add	*8.26*	
23 05 29 00-0460	EA	24" to 29" High Pipe Stand With Adjustable Saddle For 2-1/2" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	905.21	15.41
		For Work In Restricted Working Space, Add	*9.25*	
23 05 29 00-0461	EA	24" to 29" High Pipe Stand With Adjustable Saddle For 3" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	916.22	17.06
		For Work In Restricted Working Space, Add	*10.24*	
23 05 29 00-0462	EA	25" to 29" High Pipe Stand With Adjustable Saddle For 3-1/2" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	1,005.37	19.27
		For Work In Restricted Working Space, Add	*11.56*	
23 05 29 00-0463	EA	25" to 30" High Pipe Stand With Adjustable Saddle For 4" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	1,202.77	20.92
		For Work In Restricted Working Space, Add	*12.55*	
23 05 29 00-0464	EA	25" to 30" High Pipe Stand With Adjustable Saddle For 5" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	1,216.23	22.57
		For Work In Restricted Working Space, Add	*13.54*	
23 05 29 00-0465	EA	26" to 31" High Pipe Stand With Adjustable Saddle For 6" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	1,233.42	24.77
		For Work In Restricted Working Space, Add	*14.86*	
23 05 29 00-0466	EA	28" to 33" High Pipe Stand With Adjustable Saddle For 8" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	1,282.97	26.97
		For Work In Restricted Working Space, Add	*16.18*	
23 05 29 00-0467	EA	29" to 34" High Pipe Stand With Adjustable Saddle For 10" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	1,372.19	29.72
		For Work In Restricted Working Space, Add	*17.84*	
23 05 29 00-0468	EA	30" to 35" High Pipe Stand With Adjustable Saddle For 12" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	1,411.72	33.02
		For Work In Restricted Working Space, Add	*19.82*	
23 05 29 00-0469	EA	32" to 37" High Pipe Stand With Adjustable Saddle For 14" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	1,722.82	36.33
		For Work In Restricted Working Space, Add	*21.80*	
23 05 29 00-0470	EA	33" to 38" High Pipe Stand With Adjustable Saddle For 16" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	1,875.73	40.73
		For Work In Restricted Working Space, Add	*24.44*	
23 05 29 00-0471	EA	35" to 40" High Pipe Stand With Adjustable Saddle For 18" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	2,659.53	45.14
		For Work In Restricted Working Space, Add	*27.08*	
23 05 29 00-0472	EA	36" to 41" High Pipe Stand With Adjustable Saddle For 20" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	3,265.22	49.54
		For Work In Restricted Working Space, Add	*29.72*	
23 05 29 00-0473	EA	39" to 44" High Pipe Stand With Adjustable Saddle For 24" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	3,909.84	53.94
		For Work In Restricted Working Space, Add	*32.36*	
23 05 29 00-0474		**Channel Mounted Cushion Clamp** *(23 05 29 00-0001)*		
		Note: Includes fastening into channel.		
23 05 29 00-0475	EA	1/2" Channel Mounted Cushion Clamp For 3/8" Pipe (Cooper B-Line BVT050)	13.13	4.96
23 05 29 00-0476	EA	5/8" Channel Mounted Cushion Clamp For 1/2" Pipe (Cooper B-Line BVT062)	13.83	5.51
23 05 29 00-0477	EA	7/8" Channel Mounted Cushion Clamp For 3/4" Pipe (Cooper B-Line BVT087)	15.30	5.78
23 05 29 00-0478	EA	1-1/8" Channel Mounted Cushion Clamp For 1" Pipe (Cooper B-Line BVT112)	16.36	6.05
23 05 29 00-0479	EA	1-3/8" Channel Mounted Cushion Clamp For 1-1/4" Pipe (Cooper B-Line BVT137)	18.26	6.61
23 05 29 00-0480	EA	1-5/8" Channel Mounted Cushion Clamp For 1-1/2" Pipe (Cooper B-Line BVT162)	20.35	6.88
23 05 29 00-0481	EA	2-1/8" Channel Mounted Cushion Clamp For 2" Pipe (Cooper B-Line BVT212)	25.57	7.16
23 05 29 00-0482	EA	2-5/8" Channel Mounted Cushion Clamp For 2-1/2" Pipe (Cooper B-Line BVT262)	28.26	7.70

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0483	EA	3-1/8" Channel Mounted Cushion Clamp For 3" Pipe (Cooper B-Line BVT312)	34.68	8.80
23 05 29 00-0484	EA	4-1/8" Channel Mounted Cushion Clamp For 4" Pipe (Cooper B-Line BVT412)	52.27	9.91
23 05 29 00-0485		**Galvanized Steel Cushion Tube Clamp (KMC)** *(23 05 29 00-0001)*		
		Note: Excludes fastening bolt and drilling if necessary.		
23 05 29 00-0486	EA	1/2" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 3/8" Pipe	4.40	
		Note: 19/32" Center To Center Length, 9/32" Hole Diameter For Screw		
23 05 29 00-0487	EA	1/2" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 3/8" Pipe	4.59	
		Note: 23/32" Center To Center Length, 13/32" Hole Diameter For Screw		
23 05 29 00-0488	EA	5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 1/2" Pipe	4.72	
		Note: 23/32" Center To Center Length, 9/32" Hole Diameter For Screw		
23 05 29 00-0489	EA	5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 1/2" Pipe	5.04	
		Note: 27/32" Center To Center Length, 13/32" Hole Diameter For Screw		
23 05 29 00-0490	EA	7/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 3/4" Pipe	4.66	
		Note: 27/32" Center To Center Length, 9/32" Hole Diameter For Screw		
23 05 29 00-0491	EA	7/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 3/4" Pipe	5.23	
		Note: 31/32" Center To Center Length, 13/32" Hole Diameter For Screw		
23 05 29 00-0492	EA	1-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 1" Pipe	4.88	
		Note: 31/32" Center To Center Length, 9/32" Hole Diameter For Screw		
23 05 29 00-0493	EA	1-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 1" Pipe	5.57	
		Note: 1-1/32" Center To Center Length, 13/32" Hole Diameter For Screw		
23 05 29 00-0494	EA	1-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 1" Pipe	5.60	
		Note: 1-5/32" Center To Center Length, 17/32" Hole Diameter For Screw		
23 05 29 00-0495	EA	1-3/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 1-1/4" Pipe	5.19	
		Note: 1-3/32" Center To Center Length, 9/32" Hole Diameter For Screw		
23 05 29 00-0496	EA	1-3/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 1-1/4" Pipe	5.51	
		Note: 1-7/32" Center To Center Length, 13/32" Hole Diameter For Screw		
23 05 29 00-0497	EA	1-3/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 1-1/4" Pipe	6.49	
		Note: 1-11/16" Center To Center Length, 17/32" Hole Diameter For Screw		
23 05 29 00-0498	EA	1-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 1-1/2" Pipe	5.54	
		Note: 1-5/16" Center To Center Length, 9/32" Hole Diameter For Screw		
23 05 29 00-0499	EA	1-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 1-1/2" Pipe	6.17	
		Note: 1-9/16" Center To Center Length, 13/32" Hole Diameter For Screw		
23 05 29 00-0500	EA	1-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 1-1/2" Pipe	7.22	
		Note: 1-13/16" Center To Center Length, 17/32" Hole Diameter For Screw		
23 05 29 00-0501	EA	2-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 2" Pipe	7.31	
		Note: 1-7/16" Center To Center Length, 9/32" Hole Diameter For Screw		
23 05 29 00-0502	EA	2-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 2" Pipe	7.88	
		Note: 1-9/16" Center To Center Length, 13/32" Hole Diameter For Screw		
23 05 29 00-0503	EA	2-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 2" Pipe	9.02	
		Note: 1-11/16" Center To Center Length, 17/32" Hole Diameter For Screw		
23 05 29 00-0504	EA	2-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 2-1/2" Pipe	9.36	
		Note: 1-11/16" Center To Center Length, 9/32" Hole Diameter For Screw		
23 05 29 00-0505	EA	2-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 2-1/2" Pipe	11.07	
		Note: 1-13/16" Center To Center Length, 13/32" Hole Diameter For Screw		
23 05 29 00-0506	EA	2-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 2-1/2" Pipe	11.19	
		Note: 1-15/16" Center To Center Length, 17/32" Hole Diameter For Screw		
23 05 29 00-0507	EA	3-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 3" Pipe	9.71	
		Note: 1-15/16" Center To Center Length, 9/32" Hole Diameter For Screw		
23 05 29 00-0508	EA	3-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 3" Pipe	11.07	
		Note: 2-1/16" Center To Center Length, 13/32" Hole Diameter For Screw		
23 05 29 00-0509	EA	3-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 3" Pipe	11.89	
		Note: 2-3/16" Center To Center Length, 17/32" Hole Diameter For Screw		
23 05 29 00-0510	EA	3-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 3-1/2" Pipe	10.15	
		Note: 2-3/16" Center To Center Length, 9/32" Hole Diameter For Screw		
23 05 29 00-0511	EA	3-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 3-1/2" Pipe	10.97	
		Note: 2-5/16" Center To Center Length, 13/32" Hole Diameter For Screw		
23 05 29 00-0512	EA	3-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 3-1/2" Pipe	14.16	
		Note: 2-7/16" Center To Center Length, 17/32" Hole Diameter For Screw		
23 05 29 00-0513	EA	4" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 4" Pipe	10.06	
		Note: 2-7/16" Center To Center Length, 9/32" Hole Diameter For Screw		
23 05 29 00-0514	EA	4" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 4" Pipe	11.26	
		Note: 2-9/16" Center To Center Length, 13/32" Hole Diameter For Screw		
23 05 29 00-0515	EA	4" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 4" Pipe	14.86	
		Note: 2-11/16" Center To Center Length, 17/32" Hole Diameter For Screw		
23 05 29 00-0516		**Rooftop Pipe Supports** *(23 05 29 00-0001)*		
		Note: Excludes pipe/conduit clamps and straps.		
23 05 29 00-0517		**Rooftop Support Base** *(23 05 29 00-0516)*		
23 05 29 00-0518	EA	4" x 6" x 4.8" Rooftop Support Base (Cooper B-Line Dura-Blok DBM)	40.04	8.97
23 05 29 00-0519	EA	4" x 6" x 9.6" Rooftop Support Base (Cooper B-Line Dura-Blok DBP)	55.80	11.96
23 05 29 00-0520		**Rooftop Support Base With 14 Gauge Galvanized Channel** *(23 05 29 00-0516)*		
23 05 29 00-0521	EA	5" x 6" x 4.8" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB5)	45.54	8.97
23 05 29 00-0522	EA	5" x 6" x 9.6" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10)	64.75	11.96
23 05 29 00-0523	EA	5" x 6" x 20.2" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB20)	119.83	14.95
23 05 29 00-0524	EA	5" x 6" x 30.8" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB30)	165.73	17.93
23 05 29 00-0525	EA	5" x 6" x 41.4" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB40)	229.66	20.92
23 05 29 00-0526	EA	5" x 6" x 52" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB48)	242.13	23.91

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0527		**Rooftop Support Base With 12 Gauge Galvanized Channel** *(23 05 29 00-0516)*		
23 05 29 00-0528	EA	6-7/16" x 6" x 9.6" Rooftop Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB610)	79.36	11.96
23 05 29 00-0529	EA	6-7/16" x 6" x 20.2" Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB620)	126.35	14.95
23 05 29 00-0530	EA	6-7/16" x 6" x 30.8" Rooftop Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB630)	168.35	17.93
23 05 29 00-0531	EA	6-7/16" x 6" x 41.4" Rooftop Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB640)	229.81	20.92
23 05 29 00-0532	EA	6-7/16" x 6" x 52" Rooftop Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB648)	258.74	17.93
23 05 29 00-0533		**Rooftop Bridge Support Base With 12 Gauge Galvanized Channel** *(23 05 29 00-0516)*		
23 05 29 00-0534	EA	5-5/8" x 6" x 28" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-28)	133.01	17.93
23 05 29 00-0535	EA	5-5/8" x 6" x 36" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-36)	151.47	20.92
23 05 29 00-0536	EA	5-5/8" x 6" x 42" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-42)	157.40	23.91
23 05 29 00-0537	EA	5-5/8" x 6" x 50" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-50)	172.25	26.90
23 05 29 00-0538	EA	5-5/8" x 6" x 60" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-60)	220.63	29.89
23 05 29 00-0539		**Rooftop Pipe Support Base And Rod** *(23 05 29 00-0516)*		
23 05 29 00-0540	EA	9.69" To 11.19" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-1/2CT)	96.67	11.96
23 05 29 00-0541	EA	9.84" To 11.34" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-3/4CT)	96.67	11.96
23 05 29 00-0542	EA	9.95" To 11.45" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-1CT)	97.21	11.96
23 05 29 00-0543	EA	10.13" To 11.63" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-1-1/4CT)	103.75	14.95
23 05 29 00-0544	EA	10.28" To 11.78" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-1-1/2CT)	99.75	14.95
23 05 29 00-0545	EA	10.53" To 12.03" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-2CT)	104.89	14.95
23 05 29 00-0546		**Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly** *(23 05 29 00-0516)*		
23 05 29 00-0547	EA	7.09" x 6" x 9.6" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR2-3 1/2)	122.85	11.96
23 05 29 00-0548	EA	7.09" x 6" x 9.6" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR4-6)	137.21	11.96
23 05 29 00-0549	EA	8.34" x 6" x 20.2" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR8-10)	179.90	14.95
23 05 29 00-0550	EA	9.38" x 6" x 20.2" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR12-14)	238.59	14.95
23 05 29 00-0551	EA	9.78" x 6" x 20.2" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR16-20)	325.76	14.95
23 05 29 00-0552		**Rooftop Support Base And Adjustable Height Roller Assembly** *(23 05 29 00-0516)*		
		Note: Includes base, two zinc all threaded rod risers and pipe roller.		
23 05 29 00-0553	EA	Up To 12" Height, 6" x 9.6" Rooftop Support Base And Adjustable Height Roller Assembly (Cooper B-Line Dura-Blok DBR10-12)	152.91	17.93
23 05 29 00-0554		**Rooftop Support Base And Adjustable Height Channel Assembly** *(23 05 29 00-0516)*		
		Note: Includes base, two zinc all threaded rod and 14 gauge slotted channel.		
23 05 29 00-0555	EA	Up To 8" Height, 6" x 9.6" Rooftop Support Base And Adjustable Height Channel Assembly (Cooper B-Line Dura-Blok DBE10-8)	100.02	14.95
23 05 29 00-0556	EA	Up To 12" Height, 6" x 9.6" Rooftop Support Base And Adjustable Height Channel Assembly (Cooper B-Line Dura-Blok DBE10-12)	136.49	17.93
23 05 29 00-0557	EA	Up To 16" Height, 6" x 9.6" Rooftop Support Base And Adjustable Height Channel Assembly (Cooper B-Line Dura-Blok DBE10-16)	152.14	20.92
23 05 29 00-0558		**Rooftop Support Bases With Channel Support And Risers Assembly** *(23 05 29 00-0516)*		
		Note: Includes two support bases, two 12 gauge galvanized channel risers and one 12 gauge galvanized channel support. Dimensions are "overall" (height x width x length).		
23 05 29 00-0559	EA	23" x 25-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2318DS)	369.24	23.91
23 05 29 00-0560	EA	29" x 25-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2918DS)	373.37	23.91
23 05 29 00-0561	EA	41" x 25-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB4118DS)	387.86	23.91
23 05 29 00-0562	EA	53" x 25-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB5318DS)	421.13	23.91
23 05 29 00-0563	EA	23" x 31-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2324DS)	361.86	23.91
23 05 29 00-0564	EA	29" x 31-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2924DS)	375.73	23.91
23 05 29 00-0565	EA	41" x 31-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB4124DS)	390.22	23.91
23 05 29 00-0566	EA	53" x 31-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB5324DS)	423.47	23.91

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0567	EA	23" x 43-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2336DS)	378.34	23.91
23 05 29 00-0568	EA	29" x 43-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2936DS)	383.18	23.91
23 05 29 00-0569	EA	41" x 43-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB4136DS)	397.39	23.91
23 05 29 00-0570	EA	53" x 43-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB5336DS)	430.79	23.91
23 05 29 00-0571	EA	23" x 55-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2348DS)	395.18	23.91
23 05 29 00-0572	EA	29" x 55-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2948DS)	399.59	23.91
23 05 29 00-0573	EA	41" x 55-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB4148DS)	413.81	23.91
23 05 29 00-0574	EA	53" x 55-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB5348DS)	447.21	23.91

23 05 29 00-0575 Threaded Rod, Accessories And Attachments *(23 05 29)*

23 05 29 00-0576 Threaded Rod And Rod Accessories *(23 05 29 00-0575)*

23 05 29 00-0577 Threaded Rod *(23 05 29 00-0576)*

Note: Fully threaded.

23 05 29 00-0578	LF	3/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	3.70	0.75
		For Galvanized, Add	*0.88*	
		For Zinc Plated, Add	*0.63*	
		For Work In Restricted Working Space, Add	*0.45*	
23 05 29 00-0579	LF	1/2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	5.10	0.81
		For Galvanized, Add	*1.40*	
		For Zinc Plated, Add	*1.00*	
		For Work In Restricted Working Space, Add	*0.48*	
23 05 29 00-0580	LF	5/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	7.09	0.83
		For Galvanized, Add	*2.18*	
		For Zinc Plated, Add	*1.55*	
		For Work In Restricted Working Space, Add	*0.50*	
23 05 29 00-0581	LF	3/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	11.59	0.85
		For Galvanized, Add	*3.96*	
		For Zinc Plated, Add	*2.82*	
		For Work In Restricted Working Space, Add	*0.51*	
23 05 29 00-0582	LF	7/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	12.63	0.88
		For Galvanized, Add	*4.35*	
		For Zinc Plated, Add	*3.10*	
		For Work In Restricted Working Space, Add	*0.53*	
23 05 29 00-0583	LF	1" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	17.26	1.00
		For Galvanized, Add	*6.11*	
		For Zinc Plated, Add	*4.35*	
		For Work In Restricted Working Space, Add	*0.60*	
23 05 29 00-0584	LF	1-1/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	21.47	1.11
		For Galvanized, Add	*7.70*	
		For Zinc Plated, Add	*5.49*	
		For Work In Restricted Working Space, Add	*0.67*	

23 05 29 00-0585 Rod Couplings *(23 05 29 00-0576)*

23 05 29 00-0586	EA	3/8" Diameter, Threaded Rod Coupling Nut	8.88	
		For Work In Restricted Working Space, Add	*2.20*	
23 05 29 00-0587	EA	1/2" Diameter, Threaded Rod Coupling Nut	10.08	
		For Work In Restricted Working Space, Add	*2.45*	
23 05 29 00-0588	EA	5/8" Diameter, Threaded Rod Coupling Nut	12.60	
		For Work In Restricted Working Space, Add	*2.75*	
23 05 29 00-0589	EA	3/4" Diameter, Threaded Rod Coupling Nut	15.36	
		For Work In Restricted Working Space, Add	*3.01*	
23 05 29 00-0590	EA	7/8" Diameter, Threaded Rod Coupling Nut	22.50	
		For Work In Restricted Working Space, Add	*3.30*	
23 05 29 00-0591	EA	1" Diameter, Threaded Rod Coupling Nut	26.69	
		For Work In Restricted Working Space, Add	*3.89*	
23 05 29 00-0592	EA	1-1/8" Diameter, Threaded Rod Coupling Nut	51.06	
		For Work In Restricted Working Space, Add	*4.40*	

23 05 29 00-0593 Flat Washers *(23 05 29 00-0576)*

Note: Zinc plated.

23 05 29 00-0594	EA	3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.62	0.24
		For Galvanized, Add	*0.03*	
		For Work In Restricted Working Space, Add	*0.15*	
23 05 29 00-0595	EA	1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.85	0.24
		For Galvanized, Add	*0.07*	
		For Work In Restricted Working Space, Add	*0.17*	
23 05 29 00-0596	EA	5/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.22	0.36
		For Galvanized, Add	*0.14*	
		For Work In Restricted Working Space, Add	*0.20*	
23 05 29 00-0597	EA	3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.67	0.36
		For Galvanized, Add	*0.20*	
		For Work In Restricted Working Space, Add	*0.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0598	EA	7/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.96	0.48
		For Galvanized, Add	*0.24*	
		For Work In Restricted Working Space, Add	*0.30*	
23 05 29 00-0599	EA	1" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	2.29	0.48
		For Galvanized, Add	*0.30*	
		For Work In Restricted Working Space, Add	*0.33*	
23 05 29 00-0600	EA	1-1/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	2.58	0.59
		For Galvanized, Add	*0.33*	
		For Work In Restricted Working Space, Add	*0.38*	

23 05 29 00-0601 Hex Nuts *(23 05 29 00-0576)*

Note: Grade 2 and zinc plated.

23 05 29 00-0602	EA	3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.78	0.30
		For Galvanized, Add	*0.03*	
		For Work In Restricted Working Space, Add	*0.20*	
23 05 29 00-0603	EA	1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.00	0.30
		For Galvanized, Add	*0.06*	
		For Work In Restricted Working Space, Add	*0.23*	
23 05 29 00-0604	EA	5/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.35	0.30
		For Galvanized, Add	*0.14*	
		For Work In Restricted Working Space, Add	*0.24*	
23 05 29 00-0605	EA	3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.59	0.59
		For Galvanized, Add	*0.19*	
		For Work In Restricted Working Space, Add	*0.25*	
23 05 29 00-0606	EA	7/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	2.30	0.59
		For Galvanized, Add	*0.36*	
		For Work In Restricted Working Space, Add	*0.26*	
23 05 29 00-0607	EA	1" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	2.93	0.59
		For Galvanized, Add	*0.48*	
		For Work In Restricted Working Space, Add	*0.30*	
23 05 29 00-0608	EA	1-1/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	4.76	0.59
		For Galvanized, Add	*0.91*	
		For Work In Restricted Working Space, Add	*0.33*	

23 05 29 00-0609 Turnbuckle (Cooper B-Line B3202) *(23 05 29 00-0576)*

Note: Type 13.

23 05 29 00-0610	EA	3/8" Turnbuckle (Cooper B-Line B3202)	26.41	5.98
		For Work In Restricted Working Space, Add	*3.59*	
23 05 29 00-0611	EA	1/2" Turnbuckle (Cooper B-Line B3202)	31.25	6.57
		For Work In Restricted Working Space, Add	*3.99*	
23 05 29 00-0612	EA	5/8" Turnbuckle (Cooper B-Line B3202)	33.73	7.18
		For Work In Restricted Working Space, Add	*4.49*	
23 05 29 00-0613	EA	3/4" Turnbuckle (Cooper B-Line B3202)	42.24	8.37
		For Work In Restricted Working Space, Add	*5.13*	
23 05 29 00-0614	EA	7/8" Turnbuckle (Cooper B-Line B3202)	54.41	8.97
		For Work In Restricted Working Space, Add	*5.98*	
23 05 29 00-0615	EA	1" Turnbuckle (Cooper B-Line B3202)	67.44	9.57
		For Work In Restricted Working Space, Add	*7.18*	
23 05 29 00-0616	EA	1-1/8" Turnbuckle (Cooper B-Line B3202)	93.16	10.77
		For Work In Restricted Working Space, Add	*8.97*	

23 05 29 00-0617 Swivel Turnbuckle (Cooper B-Line B3224) *(23 05 29 00-0576)*

Note: Type 15.

23 05 29 00-0618	EA	3/8" Swivel Turnbuckle (Cooper B-Line B3224)	17.28	5.98
		For Work In Restricted Working Space, Add	*3.59*	
23 05 29 00-0619	EA	1/2" Swivel Turnbuckle (Cooper B-Line B3224)	19.92	6.69
		For Work In Restricted Working Space, Add	*3.99*	
23 05 29 00-0620	EA	5/8" Swivel Turnbuckle (Cooper B-Line B3224)	26.08	7.41
		For Work In Restricted Working Space, Add	*4.49*	
23 05 29 00-0621	EA	3/4" Swivel Turnbuckle (Cooper B-Line B3224)	31.41	8.49
		For Work In Restricted Working Space, Add	*5.13*	

23 05 29 00-0622 Forged Steel Clevis (Cooper B-Line B3201) *(23 05 29 00-0576)*

Note: Type 14.

23 05 29 00-0623	EA	3-9/16" Forged Steel Clevis With Pin, 3/8" To 5/8" Rod Size (Cooper B-Line B3201)	85.79	11.01
		For Work In Restricted Working Space, Add	*6.61*	
23 05 29 00-0624	EA	4" Forged Steel Clevis With Pin, 3/4" To 7/8" Rod Size (Cooper B-Line B3201)	125.39	11.56
		For Work In Restricted Working Space, Add	*6.95*	
23 05 29 00-0625	EA	5-1/16" Forged Steel Clevis With Pin, 1" Rod Size (Cooper B-Line B3201)	135.55	12.11
		For Work In Restricted Working Space, Add	*7.34*	
23 05 29 00-0626	EA	5-1/16" Forged Steel Clevis With Pin, 1-1/8" Rod Size (Cooper B-Line B3201)	141.21	13.21
		For Work In Restricted Working Space, Add	*7.77*	
23 05 29 00-0627	EA	5-1/16" Forged Steel Clevis With Pin, 1-1/4" Rod Size (Cooper B-Line B3201)	148.89	14.87
		For Work In Restricted Working Space, Add	*8.81*	
23 05 29 00-0628	EA	6" Forged Steel Clevis With Pin, 1-1/2" Rod Size (Cooper B-Line B3201)	246.81	19.27
		For Work In Restricted Working Space, Add	*11.56*	
23 05 29 00-0629	EA	5-15/16" Forged Steel Clevis With Pin, 1-3/4" Rod Size (Cooper B-Line B3201)	268.14	22.02
		For Work In Restricted Working Space, Add	*13.21*	
23 05 29 00-0630	EA	7" Forged Steel Clevis With Pin, 2" Rod Size (Cooper B-Line B3201)	316.50	27.53
		For Work In Restricted Working Space, Add	*16.51*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0631		Welded Eye Rod (Cooper B-Line B3211) *(23 05 29 00-0576)*			
23 05 29 00-0632	EA	3/8" Diameter x 8" Length Shank, Welded Eye Rod		26.39	6.45
		For Work In Restricted Working Space, Add		*3.89*	
23 05 29 00-0633	EA	3/8" Diameter x 10" Length Shank, Welded Eye Rod		27.22	6.57
		For Work In Restricted Working Space, Add		*3.96*	
23 05 29 00-0634	EA	3/8" Diameter x 12" Length Shank, Welded Eye Rod		28.04	6.69
		For Work In Restricted Working Space, Add		*4.04*	
23 05 29 00-0635	EA	3/8" Diameter x 14" Length Shank, Welded Eye Rod		28.29	6.82
		For Work In Restricted Working Space, Add		*4.11*	
23 05 29 00-0636	EA	3/8" Diameter x 18" Length Shank, Welded Eye Rod		29.95	7.06
		For Work In Restricted Working Space, Add		*4.26*	
23 05 29 00-0637	EA	3/8" Diameter x 24" Length Shank, Welded Eye Rod		31.89	7.53
		For Work In Restricted Working Space, Add		*4.49*	
23 05 29 00-0638	EA	3/8" Diameter x 30" Length Shank, Welded Eye Rod		33.20	7.89
		For Work In Restricted Working Space, Add		*4.71*	
23 05 29 00-0639	EA	3/8" Diameter x 36" Length Shank, Welded Eye Rod		35.71	8.24
		For Work In Restricted Working Space, Add		*4.93*	
23 05 29 00-0640	EA	3/8" Diameter x 42" Length Shank, Welded Eye Rod		37.61	8.61
		For Work In Restricted Working Space, Add		*5.16*	
23 05 29 00-0641	EA	3/8" Diameter x 48" Length Shank, Welded Eye Rod		39.53	8.97
		For Work In Restricted Working Space, Add		*5.38*	
23 05 29 00-0642	EA	1/2" Diameter x 8" Length Shank, Welded Eye Rod		34.76	7.18
		For Work In Restricted Working Space, Add		*4.30*	
23 05 29 00-0643	EA	1/2" Diameter x 10" Length Shank, Welded Eye Rod		35.60	7.29
		For Work In Restricted Working Space, Add		*4.38*	
23 05 29 00-0644	EA	1/2" Diameter x 12" Length Shank, Welded Eye Rod		36.46	7.41
		For Work In Restricted Working Space, Add		*4.46*	
23 05 29 00-0645	EA	1/2" Diameter x 14" Length Shank, Welded Eye Rod		37.31	7.53
		For Work In Restricted Working Space, Add		*4.54*	
23 05 29 00-0646	EA	1/2" Diameter x 18" Length Shank, Welded Eye Rod		39.01	7.77
		For Work In Restricted Working Space, Add		*4.70*	
23 05 29 00-0647	EA	1/2" Diameter x 24" Length Shank, Welded Eye Rod		42.14	8.25
		For Work In Restricted Working Space, Add		*4.94*	
23 05 29 00-0648	EA	1/2" Diameter x 30" Length Shank, Welded Eye Rod		44.69	8.61
		For Work In Restricted Working Space, Add		*5.18*	
23 05 29 00-0649	EA	1/2" Diameter x 36" Length Shank, Welded Eye Rod		47.82	8.97
		For Work In Restricted Working Space, Add		*5.42*	
23 05 29 00-0650	EA	1/2" Diameter x 42" Length Shank, Welded Eye Rod		50.35	9.45
		For Work In Restricted Working Space, Add		*5.66*	
23 05 29 00-0651	EA	1/2" Diameter x 48" Length Shank, Welded Eye Rod		52.91	9.81
		For Work In Restricted Working Space, Add		*5.89*	
23 05 29 00-0652	EA	5/8" Diameter x 8" Length Shank, Welded Eye Rod		46.40	8.02
		For Work In Restricted Working Space, Add		*4.82*	
23 05 29 00-0653	EA	5/8" Diameter x 10" Length Shank, Welded Eye Rod		47.82	8.14
		For Work In Restricted Working Space, Add		*4.90*	
23 05 29 00-0654	EA	5/8" Diameter x 12" Length Shank, Welded Eye Rod		49.28	8.25
		For Work In Restricted Working Space, Add		*4.98*	
23 05 29 00-0655	EA	5/8" Diameter x 14" Length Shank, Welded Eye Rod		50.15	8.49
		For Work In Restricted Working Space, Add		*5.06*	
23 05 29 00-0656	EA	5/8" Diameter x 18" Length Shank, Welded Eye Rod		52.44	8.73
		For Work In Restricted Working Space, Add		*5.23*	
23 05 29 00-0657	EA	5/8" Diameter x 24" Length Shank, Welded Eye Rod		56.19	9.09
		For Work In Restricted Working Space, Add		*5.48*	
23 05 29 00-0658	EA	5/8" Diameter x 30" Length Shank, Welded Eye Rod		59.91	9.57
		For Work In Restricted Working Space, Add		*5.72*	
23 05 29 00-0659	EA	5/8" Diameter x 36" Length Shank, Welded Eye Rod		63.08	9.93
		For Work In Restricted Working Space, Add		*5.97*	
23 05 29 00-0660	EA	5/8" Diameter x 42" Length Shank, Welded Eye Rod		66.83	10.40
		For Work In Restricted Working Space, Add		*6.22*	
23 05 29 00-0661	EA	5/8" Diameter x 48" Length Shank, Welded Eye Rod		70.56	10.77
		For Work In Restricted Working Space, Add		*6.47*	
23 05 29 00-0662	EA	3/4" Diameter x 8" Length Shank, Welded Eye Rod		56.74	9.09
		For Work In Restricted Working Space, Add		*5.47*	
23 05 29 00-0663	EA	3/4" Diameter x 10" Length Shank, Welded Eye Rod		58.78	9.20
		For Work In Restricted Working Space, Add		*5.55*	
23 05 29 00-0664	EA	3/4" Diameter x 12" Length Shank, Welded Eye Rod		60.23	9.45
		For Work In Restricted Working Space, Add		*5.64*	
23 05 29 00-0665	EA	3/4" Diameter x 14" Length Shank, Welded Eye Rod		62.26	9.57
		For Work In Restricted Working Space, Add		*5.72*	
23 05 29 00-0666	EA	3/4" Diameter x 18" Length Shank, Welded Eye Rod		65.75	9.81
		For Work In Restricted Working Space, Add		*5.90*	
23 05 29 00-0667	EA	3/4" Diameter x 24" Length Shank, Welded Eye Rod		70.67	10.28
		For Work In Restricted Working Space, Add		*6.15*	
23 05 29 00-0668	EA	3/4" Diameter x 30" Length Shank, Welded Eye Rod		75.60	10.64
		For Work In Restricted Working Space, Add		*6.41*	
23 05 29 00-0669	EA	3/4" Diameter x 36" Length Shank, Welded Eye Rod		81.13	11.12
		For Work In Restricted Working Space, Add		*6.66*	
23 05 29 00-0670	EA	3/4" Diameter x 42" Length Shank, Welded Eye Rod		86.63	11.48
		For Work In Restricted Working Space, Add		*6.92*	
23 05 29 00-0671	EA	3/4" Diameter x 48" Length Shank, Welded Eye Rod		91.57	11.96
		For Work In Restricted Working Space, Add		*7.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0672	EA	7/8" Diameter x 8" Length Shank, Welded Eye Rod	67.83	10.52
		For Work In Restricted Working Space, Add	*6.35*	
23 05 29 00-0673	EA	7/8" Diameter x 10" Length Shank, Welded Eye Rod	70.45	10.77
		For Work In Restricted Working Space, Add	*6.43*	
23 05 29 00-0674	EA	7/8" Diameter x 12" Length Shank, Welded Eye Rod	72.50	10.89
		For Work In Restricted Working Space, Add	*6.52*	
23 05 29 00-0675	EA	7/8" Diameter x 14" Length Shank, Welded Eye Rod	74.54	11.01
		For Work In Restricted Working Space, Add	*6.61*	
23 05 29 00-0676	EA	7/8" Diameter x 18" Length Shank, Welded Eye Rod	78.65	11.36
		For Work In Restricted Working Space, Add	*6.79*	
23 05 29 00-0677	EA	7/8" Diameter x 24" Length Shank, Welded Eye Rod	85.35	11.72
		For Work In Restricted Working Space, Add	*7.05*	
23 05 29 00-0678	EA	7/8" Diameter x 30" Length Shank, Welded Eye Rod	91.49	12.20
		For Work In Restricted Working Space, Add	*7.32*	
23 05 29 00-0679	EA	7/8" Diameter x 36" Length Shank, Welded Eye Rod	98.21	12.68
		For Work In Restricted Working Space, Add	*7.59*	
23 05 29 00-0680	EA	7/8" Diameter x 42" Length Shank, Welded Eye Rod	104.34	13.04
		For Work In Restricted Working Space, Add	*7.85*	
23 05 29 00-0681	EA	7/8" Diameter x 48" Length Shank, Welded Eye Rod	110.47	13.51
		For Work In Restricted Working Space, Add	*8.12*	
23 05 29 00-0682	EA	1" Diameter x 8" Length Shank, Welded Eye Rod	84.76	12.68
		For Work In Restricted Working Space, Add	*7.58*	
23 05 29 00-0683	EA	1" Diameter x 10" Length Shank, Welded Eye Rod	87.42	12.80
		For Work In Restricted Working Space, Add	*7.67*	
23 05 29 00-0684	EA	1" Diameter x 12" Length Shank, Welded Eye Rod	90.10	12.92
		For Work In Restricted Working Space, Add	*7.78*	
23 05 29 00-0685	EA	1" Diameter x 14" Length Shank, Welded Eye Rod	92.76	13.15
		For Work In Restricted Working Space, Add	*7.87*	
23 05 29 00-0686	EA	1" Diameter x 18" Length Shank, Welded Eye Rod	98.07	13.51
		For Work In Restricted Working Space, Add	*8.07*	
23 05 29 00-0687	EA	1" Diameter x 24" Length Shank, Welded Eye Rod	106.08	14.00
		For Work In Restricted Working Space, Add	*8.37*	
23 05 29 00-0688	EA	1" Diameter x 30" Length Shank, Welded Eye Rod	114.10	14.47
		For Work In Restricted Working Space, Add	*8.67*	
23 05 29 00-0689	EA	1" Diameter x 36" Length Shank, Welded Eye Rod	122.64	14.95
		For Work In Restricted Working Space, Add	*8.97*	
23 05 29 00-0690	EA	1" Diameter x 42" Length Shank, Welded Eye Rod	130.65	15.43
		For Work In Restricted Working Space, Add	*9.27*	
23 05 29 00-0691	EA	1" Diameter x 48" Length Shank, Welded Eye Rod	138.65	15.91
		For Work In Restricted Working Space, Add	*9.57*	

23 05 29 00-0692 Welded Linked Eye Rod (Cooper B-Line B3211X) *(23 05 29 00-0576)*

23 05 29 00-0693	EA	3/8" Diameter x 16" Length Shank, Linked Welded Eye Rod	53.68	8.73
		For Work In Restricted Working Space, Add	*5.26*	
23 05 29 00-0694	EA	3/8" Diameter x 20" Length Shank, Linked Welded Eye Rod	55.13	8.97
		For Work In Restricted Working Space, Add	*5.41*	
23 05 29 00-0695	EA	3/8" Diameter x 24" Length Shank, Linked Welded Eye Rod	56.59	9.32
		For Work In Restricted Working Space, Add	*5.56*	
23 05 29 00-0696	EA	3/8" Diameter x 30" Length Shank, Linked Welded Eye Rod	57.35	9.68
		For Work In Restricted Working Space, Add	*5.79*	
23 05 29 00-0697	EA	3/8" Diameter x 36" Length Shank, Linked Welded Eye Rod	60.00	10.05
		For Work In Restricted Working Space, Add	*6.01*	
23 05 29 00-0698	EA	3/8" Diameter x 48" Length Shank, Linked Welded Eye Rod	63.48	10.76
		For Work In Restricted Working Space, Add	*6.46*	
23 05 29 00-0699	EA	3/8" Diameter x 60" Length Shank, Linked Welded Eye Rod	65.92	11.48
		For Work In Restricted Working Space, Add	*6.90*	
23 05 29 00-0700	EA	3/8" Diameter x 72" Length Shank, Linked Welded Eye Rod	70.36	12.31
		For Work In Restricted Working Space, Add	*7.35*	
23 05 29 00-0701	EA	1/2" Diameter x 16" Length Shank, Linked Welded Eye Rod	68.86	9.69
		For Work In Restricted Working Space, Add	*5.81*	
23 05 29 00-0702	EA	1/2" Diameter x 20" Length Shank, Linked Welded Eye Rod	70.34	9.93
		For Work In Restricted Working Space, Add	*5.97*	
23 05 29 00-0703	EA	1/2" Diameter x 24" Length Shank, Linked Welded Eye Rod	71.88	10.16
		For Work In Restricted Working Space, Add	*6.13*	
23 05 29 00-0704	EA	1/2" Diameter x 30" Length Shank, Linked Welded Eye Rod	73.65	10.64
		For Work In Restricted Working Space, Add	*6.37*	
23 05 29 00-0705	EA	1/2" Diameter x 36" Length Shank, Linked Welded Eye Rod	76.36	11.01
		For Work In Restricted Working Space, Add	*6.61*	
23 05 29 00-0706	EA	1/2" Diameter x 48" Length Shank, Linked Welded Eye Rod	81.86	11.84
		For Work In Restricted Working Space, Add	*7.09*	
23 05 29 00-0707	EA	1/2" Diameter x 60" Length Shank, Linked Welded Eye Rod	86.38	12.56
		For Work In Restricted Working Space, Add	*7.57*	
23 05 29 00-0708	EA	1/2" Diameter x 72" Length Shank, Linked Welded Eye Rod	91.85	13.39
		For Work In Restricted Working Space, Add	*8.04*	
23 05 29 00-0709	EA	5/8" Diameter x 16" Length Shank, Linked Welded Eye Rod	91.48	10.77
		For Work In Restricted Working Space, Add	*6.49*	
23 05 29 00-0710	EA	5/8" Diameter x 20" Length Shank, Linked Welded Eye Rod	93.96	11.12
		For Work In Restricted Working Space, Add	*6.66*	
23 05 29 00-0711	EA	5/8" Diameter x 24" Length Shank, Linked Welded Eye Rod	96.48	11.36
		For Work In Restricted Working Space, Add	*6.82*	
23 05 29 00-0712	EA	5/8" Diameter x 30" Length Shank, Linked Welded Eye Rod	98.29	11.84
		For Work In Restricted Working Space, Add	*7.07*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0713	EA	5/8" Diameter x 36" Length Shank, Linked Welded Eye Rod	102.02	12.20
		For Work In Restricted Working Space, Add	*7.32*	
23 05 29 00-0714	EA	5/8" Diameter x 48" Length Shank, Linked Welded Eye Rod	108.53	13.04
		For Work In Restricted Working Space, Add	*7.81*	
23 05 29 00-0715	EA	5/8" Diameter x 60" Length Shank, Linked Welded Eye Rod	115.03	13.88
		For Work In Restricted Working Space, Add	*8.30*	
23 05 29 00-0716	EA	5/8" Diameter x 72" Length Shank, Linked Welded Eye Rod	120.58	14.71
		For Work In Restricted Working Space, Add	*8.80*	
23 05 29 00-0717	EA	3/4" Diameter x 16" Length Shank, Linked Welded Eye Rod	115.23	12.20
		For Work In Restricted Working Space, Add	*7.35*	
23 05 29 00-0718	EA	3/4" Diameter x 20" Length Shank, Linked Welded Eye Rod	118.76	12.56
		For Work In Restricted Working Space, Add	*7.52*	
23 05 29 00-0719	EA	3/4" Diameter x 24" Length Shank, Linked Welded Eye Rod	121.25	12.80
		For Work In Restricted Working Space, Add	*7.69*	
23 05 29 00-0720	EA	3/4" Diameter x 30" Length Shank, Linked Welded Eye Rod	125.01	13.27
		For Work In Restricted Working Space, Add	*7.94*	
23 05 29 00-0721	EA	3/4" Diameter x 36" Length Shank, Linked Welded Eye Rod	130.72	13.64
		For Work In Restricted Working Space, Add	*8.20*	
23 05 29 00-0722	EA	3/4" Diameter x 48" Length Shank, Linked Welded Eye Rod	139.20	14.47
		For Work In Restricted Working Space, Add	*8.71*	
23 05 29 00-0723	EA	3/4" Diameter x 60" Length Shank, Linked Welded Eye Rod	147.72	15.31
		For Work In Restricted Working Space, Add	*9.22*	
23 05 29 00-0724	EA	3/4" Diameter x 72" Length Shank, Linked Welded Eye Rod	157.21	16.26
		For Work In Restricted Working Space, Add	*9.73*	
23 05 29 00-0725	EA	7/8" Diameter x 16" Length Shank, Linked Welded Eye Rod	138.25	14.11
		For Work In Restricted Working Space, Add	*8.50*	
23 05 29 00-0726	EA	7/8" Diameter x 20" Length Shank, Linked Welded Eye Rod	142.74	14.47
		For Work In Restricted Working Space, Add	*8.68*	
23 05 29 00-0727	EA	7/8" Diameter x 24" Length Shank, Linked Welded Eye Rod	146.25	14.71
		For Work In Restricted Working Space, Add	*8.85*	
23 05 29 00-0728	EA	7/8" Diameter x 30" Length Shank, Linked Welded Eye Rod	150.04	15.19
		For Work In Restricted Working Space, Add	*9.12*	
23 05 29 00-0729	EA	7/8" Diameter x 36" Length Shank, Linked Welded Eye Rod	156.79	15.67
		For Work In Restricted Working Space, Add	*9.38*	
23 05 29 00-0730	EA	7/8" Diameter x 48" Length Shank, Linked Welded Eye Rod	168.26	16.51
		For Work In Restricted Working Space, Add	*9.91*	
23 05 29 00-0731	EA	7/8" Diameter x 60" Length Shank, Linked Welded Eye Rod	178.77	17.46
		For Work In Restricted Working Space, Add	*10.44*	
23 05 29 00-0732	EA	7/8" Diameter x 72" Length Shank, Linked Welded Eye Rod	190.27	18.30
		For Work In Restricted Working Space, Add	*10.98*	
23 05 29 00-0733	EA	1" Diameter x 16" Length Shank, Linked Welded Eye Rod	175.75	16.87
		For Work In Restricted Working Space, Add	*10.13*	
23 05 29 00-0734	EA	1" Diameter x 20" Length Shank, Linked Welded Eye Rod	180.30	17.22
		For Work In Restricted Working Space, Add	*10.33*	
23 05 29 00-0735	EA	1" Diameter x 24" Length Shank, Linked Welded Eye Rod	184.86	17.58
		For Work In Restricted Working Space, Add	*10.52*	
23 05 29 00-0736	EA	1" Diameter x 30" Length Shank, Linked Welded Eye Rod	189.75	18.06
		For Work In Restricted Working Space, Add	*10.82*	
23 05 29 00-0737	EA	1" Diameter x 36" Length Shank, Linked Welded Eye Rod	198.49	18.54
		For Work In Restricted Working Space, Add	*11.12*	
23 05 29 00-0738	EA	1" Diameter x 48" Length Shank, Linked Welded Eye Rod	212.17	19.50
		For Work In Restricted Working Space, Add	*11.72*	
23 05 29 00-0739	EA	1" Diameter x 60" Length Shank, Linked Welded Eye Rod	225.86	20.57
		For Work In Restricted Working Space, Add	*12.32*	
23 05 29 00-0740	EA	1" Diameter x 72" Length Shank, Linked Welded Eye Rod	240.42	21.53
		For Work In Restricted Working Space, Add	*12.92*	

23 05 29 00-0741 Attachments *(23 05 29 00-0575)*

23 05 29 00-0742 Welded Beam Attachments (B-Line B-3083) *(23 05 29 00-0741)*

Note: Type 22.

23 05 29 00-0743	EA	3/8" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083)	57.52	11.16
		For Work In Restricted Working Space, Add	*6.70*	
23 05 29 00-0744	EA	1/2" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083)	61.47	11.73
		For Work In Restricted Working Space, Add	*7.05*	
23 05 29 00-0745	EA	5/8" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083)	65.51	12.39
		For Work In Restricted Working Space, Add	*7.45*	
23 05 29 00-0746	EA	3/4" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083)	85.22	13.18
		For Work In Restricted Working Space, Add	*7.88*	
23 05 29 00-0747	EA	7/8" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083)	103.34	13.96
		For Work In Restricted Working Space, Add	*8.38*	
23 05 29 00-0748	EA	1" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083)	147.05	15.97
		For Work In Restricted Working Space, Add	*9.57*	
23 05 29 00-0749	EA	1-1/8" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083)	211.78	16.76
		For Work In Restricted Working Space, Add	*10.05*	

23 05 29 00-0750 C-Clamp Style Beam Clamps (B-Line B-3034) *(23 05 29 00-0741)*

Note: Type 23. Top or bottom flange mount.

23 05 29 00-0751	EA	3/8" Rod Size, C-Clamp Style Beam Clamp (B-Line B-3034)	19.26	6.10
		For Work In Restricted Working Space, Add	*4.49*	
23 05 29 00-0752	EA	1/2" Rod Size, C-Clamp Style Beam Clamp (B-Line B-3034)	23.40	7.77
		For Work In Restricted Working Space, Add	*4.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0753	EA	5/8" Rod Size, C-Clamp Style Beam Clamp (B-Line B-3034)	26.78	8.37
		For Work In Restricted Working Space, Add	*5.13*	
23 05 29 00-0754	EA	3/4" Rod Size, C-Clamp Style Beam Clamp (B-Line B-3034)	35.21	8.97
		For Work In Restricted Working Space, Add	*5.52*	
23 05 29 00-0755	EA	7/8" Rod Size, C-Clamp Style Beam Clamp (B-Line B-3034)	52.59	9.57
		For Work In Restricted Working Space, Add	*5.98*	

23 05 29 00-0756 Bottom Mount I-Beam Clamps (B-Line B-3055) *(23 05 29 00-0741)*

Note: Type 21. For attaching threaded rod centered under beam flanges.

23 05 29 00-0757	EA	3/8" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp (B-Line B-3055)	57.71	8.37
		For Work In Restricted Working Space, Add	*5.98*	
23 05 29 00-0758	EA	1/2" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp (B-Line B-3055)	86.50	10.77
		For Work In Restricted Working Space, Add	*6.52*	
23 05 29 00-0759	EA	5/8" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp (B-Line B-3055)	125.18	11.96
		For Work In Restricted Working Space, Add	*7.18*	
23 05 29 00-0760	EA	3/4" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp (B-Line B-3055)	150.28	13.15
		For Work In Restricted Working Space, Add	*7.97*	
23 05 29 00-0761	EA	1" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp (B-Line B-3055)	371.47	14.35
		For Work In Restricted Working Space, Add	*8.97*	

23 05 29 00-0762 Steel U-Bolts (B-Line B-3188) *(23 05 29 00-0741)*

Note: Type 24. Includes plate and nuts.

23 05 29 00-0763	EA	1/2" Pipe Size, Steel U-Bolt (B-Line B-3188)	15.74	2.99
		For Work In Restricted Working Space, Add	*3.59*	
23 05 29 00-0764	EA	3/4" Pipe Size, Steel U-Bolt (B-Line B-3188)	17.16	3.58
		For Work In Restricted Working Space, Add	*3.77*	
23 05 29 00-0765	EA	1" Pipe Size, Steel U-Bolt (B-Line B-3188)	18.54	3.58
		For Work In Restricted Working Space, Add	*3.99*	
23 05 29 00-0766	EA	1-1/4" Pipe Size, Steel U-Bolt (B-Line B-3188)	21.29	3.58
		For Work In Restricted Working Space, Add	*4.22*	
23 05 29 00-0767	EA	1-1/2" Pipe Size, Steel U-Bolt (B-Line B-3188)	21.91	4.19
		For Work In Restricted Working Space, Add	*4.49*	
23 05 29 00-0768	EA	2" Pipe Size, Steel U-Bolt (B-Line B-3188)	23.46	4.19
		For Work In Restricted Working Space, Add	*4.79*	
23 05 29 00-0769	EA	2-1/2" Pipe Size, Steel U-Bolt (B-Line B-3188)	35.08	4.19
		For Work In Restricted Working Space, Add	*5.12*	
23 05 29 00-0770	EA	3" Pipe Size, Steel U-Bolt (B-Line B-3188)	38.76	4.78
		For Work In Restricted Working Space, Add	*5.52*	
23 05 29 00-0771	EA	4" Pipe Size, Steel U-Bolt (B-Line B-3188)	47.33	5.38
		For Work In Restricted Working Space, Add	*5.98*	

23 05 29 00-0772 Copper Standoff Brackets With Flange *(23 05 29 00-0741)*

Note: Installed in wood, concrete, concrete block or steel.

23 05 29 00-0773	EA	Clamp Size 1/2", Copper Standoff Brackets With Flange	35.82	17.10
		For Work In Restricted Working Space, Add	*10.25*	
23 05 29 00-0774	EA	Clamp Size 3/4", Copper Standoff Brackets With Flange	35.92	17.10
		For Work In Restricted Working Space, Add	*10.25*	
23 05 29 00-0775	EA	Clamp Size 1", Copper Standoff Brackets With Flange	36.03	17.10
		For Work In Restricted Working Space, Add	*10.25*	
23 05 29 00-0776	EA	Clamp Size 1 1/4", Copper Standoff Brackets With Flange	38.30	18.18
		For Work In Restricted Working Space, Add	*10.87*	
23 05 29 00-0777	EA	Clamp Size 1 1/2", Copper Standoff Brackets With Flange	38.50	18.18
		For Work In Restricted Working Space, Add	*10.87*	

23 05 29 00-0778 Malleable Iron Eye Sockets (B-Line B-3222) *(23 05 29 00-0741)*

Note: Type 16.

23 05 29 00-0779	EA	3/8" Rod Size, Malleable Iron Eye Socket	13.15	1.79
		For Work In Restricted Working Space, Add	*1.09*	
23 05 29 00-0780	EA	1/2" Rod Size, Malleable Iron Eye Socket	16.73	2.40
		For Work In Restricted Working Space, Add	*1.43*	
23 05 29 00-0781	EA	5/8" Rod Size, Malleable Iron Eye Socket	29.37	2.40
		For Work In Restricted Working Space, Add	*1.45*	
23 05 29 00-0782	EA	3/4" Rod Size, Malleable Iron Eye Socket	41.77	2.40
		For Work In Restricted Working Space, Add	*1.43*	
23 05 29 00-0783	EA	7/8" Rod Size, Malleable Iron Eye Socket	44.96	2.99
		For Work In Restricted Working Space, Add	*1.79*	

23 05 29 00-0784 Steel Weldless Eye Nuts (B-Line B-3200) *(23 05 29 00-0741)*

Note: Type 17.

23 05 29 00-0785	EA	3/8" Rod Size, Steel Weldless Eye Nut	44.32	1.79
		For Work In Restricted Working Space, Add	*1.09*	
23 05 29 00-0786	EA	1/2" Rod Size, Steel Weldless Eye Nut	45.47	2.40
		For Work In Restricted Working Space, Add	*1.43*	
23 05 29 00-0787	EA	5/8" Rod Size, Steel Weldless Eye Nut	45.52	2.40
		For Work In Restricted Working Space, Add	*1.45*	
23 05 29 00-0788	EA	3/4" Rod Size, Steel Weldless Eye Nut	45.47	2.40
		For Work In Restricted Working Space, Add	*1.43*	
23 05 29 00-0789	EA	7/8" Rod Size, Steel Weldless Eye Nut	89.36	2.63
		For Work In Restricted Working Space, Add	*1.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0790	EA	1" Rod Size, Steel Weldless Eye Nut	89.96	2.99
		For Work In Restricted Working Space, Add	*1.79*	

23 05 29 00-0791 Top Mount I-Beam Clamps (B-Line B-3042) *(23 05 29 00-0741)*

Note: For attaching threaded rod to either side of an I-beam.

23 05 29 00-0792	EA	3/8" Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp	28.44	5.59
		For Work In Restricted Working Space, Add	*3.35*	
23 05 29 00-0793	EA	1/2" Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp	34.42	6.14
		For Work In Restricted Working Space, Add	*3.69*	
23 05 29 00-0794	EA	5/8" Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp	41.97	6.70
		For Work In Restricted Working Space, Add	*4.06*	
23 05 29 00-0795	EA	3/4" Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp	58.48	7.26
		For Work In Restricted Working Space, Add	*4.27*	
23 05 29 00-0796	EA	7/8" Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp	90.72	8.38
		For Work In Restricted Working Space, Add	*5.03*	
23 05 29 00-0797	EA	3/8" Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp	30.04	5.59
		For Work In Restricted Working Space, Add	*3.35*	
23 05 29 00-0798	EA	1/2" Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp	36.69	6.14
		For Work In Restricted Working Space, Add	*3.69*	
23 05 29 00-0799	EA	5/8" Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp	41.97	6.70
		For Work In Restricted Working Space, Add	*4.06*	
23 05 29 00-0800	EA	3/4" Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp	64.45	7.26
		For Work In Restricted Working Space, Add	*4.27*	
23 05 29 00-0801	EA	7/8" Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp	100.90	8.38
		For Work In Restricted Working Space, Add	*5.03*	
23 05 29 00-0802	EA	3/8" Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp	33.77	5.59
		For Work In Restricted Working Space, Add	*3.35*	
23 05 29 00-0803	EA	1/2" Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp	40.88	6.14
		For Work In Restricted Working Space, Add	*3.69*	
23 05 29 00-0804	EA	5/8" Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp	51.80	6.70
		For Work In Restricted Working Space, Add	*4.06*	
23 05 29 00-0805	EA	3/4" Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp	75.60	7.26
		For Work In Restricted Working Space, Add	*4.27*	
23 05 29 00-0806	EA	7/8" Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp	122.71	8.38
		For Work In Restricted Working Space, Add	*5.03*	

23 05 29 00-0807 Side Beam Brackets (B-Line B-3062) *(23 05 29 00-0741)*

Note: Type 34.

23 05 29 00-0808	EA	3/8" Rod Size, Side Beam Bracket	21.91	7.77
		For Work In Restricted Working Space, Add	*4.49*	
23 05 29 00-0809	EA	1/2" Rod Size, Side Beam Bracket	26.27	7.77
		For Work In Restricted Working Space, Add	*4.79*	
23 05 29 00-0810	EA	5/8" Rod Size, Side Beam Bracket	34.70	8.37
		For Work In Restricted Working Space, Add	*5.13*	
23 05 29 00-0811	EA	3/4" Rod Size, Side Beam Bracket	63.95	8.97
		For Work In Restricted Working Space, Add	*5.52*	
23 05 29 00-0812	EA	7/8" Rod Size, Side Beam Bracket	75.17	10.16
		For Work In Restricted Working Space, Add	*5.98*	

23 05 29 00-0813 Hex Lag Bolts *(23 05 29 00-0741)*

Note: Also known as coach screws.

23 05 29 00-0814	EA	3/8" x 3-1/2" Long, Hex Lag Bolt	3.24	
		For Work In Restricted Working Space, Add	*0.75*	
23 05 29 00-0815	EA	3/8" x 4" Long, Hex Lag Bolt	3.30	
		For Work In Restricted Working Space, Add	*0.77*	
23 05 29 00-0816	EA	3/8" x 6" Long, Hex Lag Bolt	3.71	
		For Work In Restricted Working Space, Add	*0.80*	
23 05 29 00-0817	EA	3/8" x 8" Long, Hex Lag Bolt	4.46	
		For Work In Restricted Working Space, Add	*0.83*	
23 05 29 00-0818	EA	3/8" x 10" Long, Hex Lag Bolt	4.75	
		For Work In Restricted Working Space, Add	*0.86*	
23 05 29 00-0819	EA	3/8" x 12" Long, Hex Lag Bolt	5.99	
		For Work In Restricted Working Space, Add	*0.90*	
23 05 29 00-0820	EA	1/2" x 3-1/2" Long, Hex Lag Bolt	4.43	
		For Work In Restricted Working Space, Add	*0.90*	
23 05 29 00-0821	EA	1/2" x 4" Long, Hex Lag Bolt	4.49	
		For Work In Restricted Working Space, Add	*0.93*	
23 05 29 00-0822	EA	1/2" x 6" Long, Hex Lag Bolt	5.23	
		For Work In Restricted Working Space, Add	*0.98*	
23 05 29 00-0823	EA	1/2" x 8" Long, Hex Lag Bolt	6.06	
		For Work In Restricted Working Space, Add	*1.02*	
23 05 29 00-0824	EA	1/2" x 10" Long, Hex Lag Bolt	7.13	
		For Work In Restricted Working Space, Add	*1.07*	
23 05 29 00-0825	EA	1/2" x 12" Long, Hex Lag Bolt	7.65	
		For Work In Restricted Working Space, Add	*1.12*	
23 05 29 00-0826	EA	5/8" x 4" Long, Hex Lag Bolt	6.11	
		For Work In Restricted Working Space, Add	*1.00*	
23 05 29 00-0827	EA	3/4" x 5" Long, Hex Lag Bolt	7.15	
		For Work In Restricted Working Space, Add	*1.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0828		**Hanger Strap** *(23 05 29 00-0575)*		
23 05 29 00-0829	LF	3/4" Wide x 0.025" Thick Galvanized Hanger Strap	5.80	
23 05 29 00-0830		**Shields And Saddles** *(23 05 29)*		
23 05 29 00-0831		**Insulation Protection Shield** *(23 05 29 00-0830)* Note: Type 40.		
23 05 29 00-0832		**Insulation Protection Shield (Cooper B-Line B3151)** *(23 05 29 00-0831)*		
23 05 29 00-0833	EA	1-1/2" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3151)	15.57	2.87
		For Work In Restricted Working Space, Add	*2.87*	
23 05 29 00-0834	EA	2" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3151)	15.80	2.91
		For Work In Restricted Working Space, Add	*2.91*	
23 05 29 00-0835	EA	2-1/2" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3151)	16.17	2.94
		For Work In Restricted Working Space, Add	*2.94*	
23 05 29 00-0836	EA	3" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3151)	16.86	2.98
		For Work In Restricted Working Space, Add	*2.98*	
23 05 29 00-0837	EA	4" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3151)	18.51	3.05
		For Work In Restricted Working Space, Add	*3.05*	
23 05 29 00-0838	EA	6" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3151)	22.24	3.12
		For Work In Restricted Working Space, Add	*3.12*	
23 05 29 00-0839	EA	8" Outside Diameter, 16 Gauge Insulation Protection Shield, 18" Length (Cooper B-Line B3151)	25.62	3.19
		For Work In Restricted Working Space, Add	*3.19*	
23 05 29 00-0840	EA	10" Outside Diameter, 16 Gauge Insulation Protection Shield, 18" Length (Cooper B-Line B3151)	30.97	3.26
		For Work In Restricted Working Space, Add	*3.27*	
23 05 29 00-0841	EA	12" Outside Diameter, 14 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151)	39.25	3.30
		For Work In Restricted Working Space, Add	*3.30*	
23 05 29 00-0842	EA	14" Outside Diameter, 14 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151)	42.59	3.33
		For Work In Restricted Working Space, Add	*3.34*	
23 05 29 00-0843	EA	16" Outside Diameter, 14 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151)	57.93	3.37
		For Work In Restricted Working Space, Add	*3.37*	
23 05 29 00-0844	EA	18" Outside Diameter, 14 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151)	64.86	3.40
		For Work In Restricted Working Space, Add	*3.41*	
23 05 29 00-0845	EA	20" Outside Diameter, 12 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151)	118.68	3.44
		For Work In Restricted Working Space, Add	*3.44*	
23 05 29 00-0846	EA	24" Outside Diameter, 12 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151)	128.88	3.51
		For Work In Restricted Working Space, Add	*3.52*	
23 05 29 00-0847	EA	30" Outside Diameter, 12 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151)	155.38	3.59
		For Work In Restricted Working Space, Add	*3.59*	
23 05 29 00-0848		**Insulation Protection Shield (Cooper B-Line B3154)** *(23 05 29 00-0831)*		
23 05 29 00-0849	EA	1-1/2" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length (Cooper B-Line B3154)	13.92	2.87
		For Work In Restricted Working Space, Add	*2.87*	
23 05 29 00-0850	EA	2" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length (Cooper B-Line B3154)	14.12	2.91
		For Work In Restricted Working Space, Add	*2.91*	
23 05 29 00-0851	EA	2-1/2" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length (Cooper B-Line B3154)	14.42	2.94
		For Work In Restricted Working Space, Add	*2.94*	
23 05 29 00-0852	EA	3" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length (Cooper B-Line B3154)	14.96	2.98
		For Work In Restricted Working Space, Add	*2.98*	
23 05 29 00-0853	EA	4" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length (Cooper B-Line B3154)	16.21	3.05
		For Work In Restricted Working Space, Add	*3.05*	
23 05 29 00-0854	EA	6" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length (Cooper B-Line B3154)	18.99	3.12
		For Work In Restricted Working Space, Add	*3.12*	
23 05 29 00-0855	EA	8" Outside Diameter, 16 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3154)	20.32	3.19
		For Work In Restricted Working Space, Add	*3.19*	
23 05 29 00-0856	EA	10" Outside Diameter, 16 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3154)	25.45	3.26
		For Work In Restricted Working Space, Add	*3.27*	
23 05 29 00-0857	EA	12" Outside Diameter, 14 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3154)	30.18	3.30
		For Work In Restricted Working Space, Add	*3.30*	
23 05 29 00-0858		**Pipe Covering Protection Saddle** *(23 05 29 00-0830)* Note: Sizes are pipe sizes.		
23 05 29 00-0859		**Saddle, For 1" Insulation (Cooper B-Line B3160)** *(23 05 29 00-0858)*		
23 05 29 00-0860	EA	3/4" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	23.66	3.95
		For Work In Restricted Working Space, Add	*3.95*	
23 05 29 00-0861	EA	1" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	23.77	3.98
		For Work In Restricted Working Space, Add	*3.99*	
23 05 29 00-0862	EA	1-1/4" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	23.88	4.03
		For Work In Restricted Working Space, Add	*4.02*	
23 05 29 00-0863	EA	1-1/2" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	25.00	4.09
		For Work In Restricted Working Space, Add	*4.09*	
23 05 29 00-0864	EA	2" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	25.11	4.12
		For Work In Restricted Working Space, Add	*4.12*	
23 05 29 00-0865	EA	2-1/2" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	25.90	4.19
		For Work In Restricted Working Space, Add	*4.19*	
23 05 29 00-0866	EA	3" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	28.60	4.25
		For Work In Restricted Working Space, Add	*4.25*	
23 05 29 00-0867	EA	4" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	31.88	4.32
		For Work In Restricted Working Space, Add	*4.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0868	EA	6" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	35.64	4.45
		For Work In Restricted Working Space, Add	*4.46*	
23 05 29 00-0869	EA	8" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	42.98	4.63
		For Work In Restricted Working Space, Add	*4.62*	
23 05 29 00-0870	EA	10" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	47.79	4.69
		For Work In Restricted Working Space, Add	*4.69*	
23 05 29 00-0871	EA	12" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	56.27	4.69
		For Work In Restricted Working Space, Add	*4.79*	
23 05 29 00-0872	EA	14" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	61.24	4.86
		For Work In Restricted Working Space, Add	*4.86*	

23 05 29 00-0873 Saddle, For 1-1/2" Insulation (Cooper B-Line B3161) *(23 05 29 00-0858)*

23 05 29 00-0874	EA	3/4" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	26.46	3.95
		For Work In Restricted Working Space, Add	*3.95*	
23 05 29 00-0875	EA	1" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	26.57	3.98
		For Work In Restricted Working Space, Add	*3.99*	
23 05 29 00-0876	EA	1-1/4" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	26.68	4.03
		For Work In Restricted Working Space, Add	*4.02*	
23 05 29 00-0877	EA	1-1/2" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	27.60	4.09
		For Work In Restricted Working Space, Add	*4.09*	
23 05 29 00-0878	EA	2" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	29.65	4.12
		For Work In Restricted Working Space, Add	*4.12*	
23 05 29 00-0879	EA	2-1/2" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	31.81	4.19
		For Work In Restricted Working Space, Add	*4.19*	
23 05 29 00-0880	EA	3" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	32.34	4.25
		For Work In Restricted Working Space, Add	*4.25*	
23 05 29 00-0881	EA	4" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	36.49	4.25
		For Work In Restricted Working Space, Add	*4.32*	
23 05 29 00-0882	EA	6" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	40.86	4.45
		For Work In Restricted Working Space, Add	*4.46*	
23 05 29 00-0883	EA	8" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	48.09	4.63
		For Work In Restricted Working Space, Add	*4.62*	
23 05 29 00-0884	EA	10" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	53.84	4.69
		For Work In Restricted Working Space, Add	*4.69*	
23 05 29 00-0885	EA	12" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	63.73	4.79
		For Work In Restricted Working Space, Add	*4.79*	
23 05 29 00-0886	EA	14" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	69.61	4.86
		For Work In Restricted Working Space, Add	*4.86*	

23 05 29 00-0887 Saddle, For 2" Insulation (Cooper B-Line B3162) *(23 05 29 00-0858)*

23 05 29 00-0888	EA	3/4" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	28.26	4.16
		For Work In Restricted Working Space, Add	*4.15*	
23 05 29 00-0889	EA	1" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	28.38	4.19
		For Work In Restricted Working Space, Add	*4.19*	
23 05 29 00-0890	EA	1-1/4" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	29.80	4.22
		For Work In Restricted Working Space, Add	*4.22*	
23 05 29 00-0891	EA	1-1/2" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	30.67	4.29
		For Work In Restricted Working Space, Add	*4.29*	
23 05 29 00-0892	EA	2" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	31.45	4.32
		For Work In Restricted Working Space, Add	*4.32*	
23 05 29 00-0893	EA	2-1/2" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	31.67	4.40
		For Work In Restricted Working Space, Add	*4.39*	
23 05 29 00-0894	EA	3" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	33.40	4.47
		For Work In Restricted Working Space, Add	*4.46*	
23 05 29 00-0895	EA	4" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	35.12	4.54
		For Work In Restricted Working Space, Add	*4.52*	
23 05 29 00-0896	EA	6" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	44.30	4.68
		For Work In Restricted Working Space, Add	*4.69*	
23 05 29 00-0897	EA	8" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	50.03	4.86
		For Work In Restricted Working Space, Add	*4.86*	
23 05 29 00-0898	EA	10" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	52.46	4.92
		For Work In Restricted Working Space, Add	*4.93*	
23 05 29 00-0899	EA	12" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	70.11	5.03
		For Work In Restricted Working Space, Add	*5.03*	

23 05 29 00-0900 Saddle, For 2-1/2" Insulation (Cooper B-Line B3163) *(23 05 29 00-0858)*

23 05 29 00-0901	EA	1-1/4" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	31.54	4.32
		For Work In Restricted Working Space, Add	*4.32*	
23 05 29 00-0902	EA	1-1/2" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	33.22	4.39
		For Work In Restricted Working Space, Add	*4.39*	
23 05 29 00-0903	EA	2" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	34.07	4.43
		For Work In Restricted Working Space, Add	*4.42*	
23 05 29 00-0904	EA	2-1/2" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	35.03	4.51
		For Work In Restricted Working Space, Add	*4.49*	
23 05 29 00-0905	EA	3" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	35.37	4.58
		For Work In Restricted Working Space, Add	*4.59*	
23 05 29 00-0906	EA	4" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	40.83	4.65
		For Work In Restricted Working Space, Add	*4.66*	
23 05 29 00-0907	EA	6" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	46.54	4.79
		For Work In Restricted Working Space, Add	*4.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0908	EA	8" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	53.97	4.97
		For Work In Restricted Working Space, Add	*4.96*	
23 05 29 00-0909	EA	10" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	57.75	5.05
		For Work In Restricted Working Space, Add	*5.06*	
23 05 29 00-0910	EA	12" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	71.91	5.15
		For Work In Restricted Working Space, Add	*5.16*	
23 05 29 00-0911		**Adjustable Pipe Saddle Support (Cooper B-Line B3096)** *(23 05 29 00-0830)*		
23 05 29 00-0912	EA	2" Adjustable Pipe Saddle Support (Cooper B-Line B3096)	88.81	14.95
23 05 29 00-0913	EA	3" Adjustable Pipe Saddle Support (Cooper B-Line B3096)	94.46	17.34
23 05 29 00-0914	EA	4" Adjustable Pipe Saddle Support (Cooper B-Line B3096)	114.58	19.74
23 05 29 00-0915	EA	5" Adjustable Pipe Saddle Support (Cooper B-Line B3096)	119.67	21.53
23 05 29 00-0916	EA	6" Adjustable Pipe Saddle Support (Cooper B-Line B3096)	132.80	23.92
23 05 29 00-0917	EA	8" Adjustable Pipe Saddle Support (Cooper B-Line B3096)	151.71	29.90
23 05 29 00-0918	EA	10" Adjustable Pipe Saddle Support (Cooper B-Line B3096)	198.61	40.07
23 05 29 00-0919	EA	12" Adjustable Pipe Saddle Support (Cooper B-Line B3096)	248.32	59.80
23 05 29 00-0920		**Pipe Stanchion Support (Cooper B-Line B3090)** *(23 05 29 00-0830)*		
23 05 29 00-0921	EA	2-1/2" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090)	108.94	14.95
23 05 29 00-0922	EA	3" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090)	113.21	17.34
23 05 29 00-0923	EA	3-1/2" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090)	121.37	18.54
23 05 29 00-0924	EA	4" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090)	124.16	19.74
23 05 29 00-0925	EA	5" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090)	130.70	21.53
23 05 29 00-0926	EA	6" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090)	138.87	23.92
23 05 29 00-0927	EA	8" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090)	176.21	29.90
23 05 29 00-0928	EA	10" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090)	237.59	40.07
23 05 29 00-0929	EA	12" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090)	312.85	59.80
23 05 29 00-0930		**Pipe Saddle Support (Cooper B-Line B3095)** *(23 05 29 00-0830)*		
23 05 29 00-0931	EA	2-1/2" Pipe Saddle Support (Cooper B-Line B3095)	57.91	14.95
23 05 29 00-0932	EA	3" Pipe Saddle Support (Cooper B-Line B3095)	62.18	17.34
23 05 29 00-0933	EA	3-1/2" Pipe Saddle Support (Cooper B-Line B3095)	91.79	18.54
23 05 29 00-0934	EA	4" Pipe Saddle Support (Cooper B-Line B3095)	94.58	19.74
23 05 29 00-0935	EA	5" Pipe Saddle Support (Cooper B-Line B3095)	103.87	21.53
23 05 29 00-0936	EA	6" Pipe Saddle Support (Cooper B-Line B3095)	115.17	23.92
23 05 29 00-0937	EA	8" Pipe Saddle Support (Cooper B-Line B3095)	132.76	29.90
23 05 29 00-0938	EA	10" Pipe Saddle Support (Cooper B-Line B3095)	156.25	40.07
23 05 29 00-0939	EA	12" Pipe Saddle Support (Cooper B-Line B3095)	199.95	59.80
23 05 29 00-0940		**360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate** *(23 05 29 00-0830)* Note: Insert is for use as isolated protective insulation at hangers.		
23 05 29 00-0941		**1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate** *(23 05 29 00-0940)*		
23 05 29 00-0942	EA	1/2" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	17.11	7.46
23 05 29 00-0943	EA	3/4" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	17.46	7.46
23 05 29 00-0944	EA	1" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	17.55	7.46
23 05 29 00-0945	EA	1-1/4" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	17.90	7.46
23 05 29 00-0946	EA	1-1/2" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	19.15	7.91
23 05 29 00-0947	EA	2" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	20.01	8.15
23 05 29 00-0948	EA	2-1/2" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	21.03	8.49
23 05 29 00-0949	EA	3" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	22.15	8.83
23 05 29 00-0950	EA	4" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	24.17	9.18
23 05 29 00-0951	EA	6" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	26.12	7.91
23 05 29 00-0952		**1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate** *(23 05 29 00-0940)*		
23 05 29 00-0953	EA	1/2" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	14.87	5.62
23 05 29 00-0954	EA	3/4" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	16.59	5.62
23 05 29 00-0955	EA	1" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	16.98	5.74
23 05 29 00-0956	EA	1-1/4" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	17.58	5.85
23 05 29 00-0957	EA	1-1/2" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	18.15	5.85
23 05 29 00-0958	EA	2" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	19.13	6.08
23 05 29 00-0959	EA	2-1/2" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	20.26	6.31
23 05 29 00-0960	EA	3" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	20.83	6.42
23 05 29 00-0961	EA	4" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	22.97	7.00
23 05 29 00-0962	EA	6" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	33.79	12.05
23 05 29 00-0963	EA	8" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	31.07	9.06
23 05 29 00-0964	EA	10" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	37.69	10.67
23 05 29 00-0965	EA	12" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	42.75	12.27
23 05 29 00-0966		**2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate** *(23 05 29 00-0940)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0967	EA	1/2" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	21.02	6.42
23 05 29 00-0968	EA	3/4" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	21.30	6.42
23 05 29 00-0969	EA	1" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	22.05	6.55
23 05 29 00-0970	EA	1-1/4" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	22.72	6.66
23 05 29 00-0971	EA	1-1/2" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	23.41	6.77
23 05 29 00-0972	EA	2" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	24.32	7.00
23 05 29 00-0973	EA	2-1/2" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	25.65	7.23
23 05 29 00-0974	EA	3" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	26.89	7.46
23 05 29 00-0975	EA	4" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	29.68	7.91
23 05 29 00-0976	EA	6" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	33.96	8.95
23 05 29 00-0977	EA	8" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	52.45	15.27
23 05 29 00-0978	EA	10" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	57.15	17.67
23 05 29 00-0979	EA	12" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	65.83	20.88

23 05 29 00-0980 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate *(23 05 29 00-0940)*

23 05 29 00-0981	EA	1/2" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	24.07	7.46
23 05 29 00-0982	EA	3/4" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	24.38	7.46
23 05 29 00-0983	EA	1" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	25.30	7.57
23 05 29 00-0984	EA	1-1/4" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	25.98	7.69
23 05 29 00-0985	EA	1-1/2" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	26.70	7.69
23 05 29 00-0986	EA	2" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	27.79	8.04
23 05 29 00-0987	EA	2-1/2" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	29.31	8.27
23 05 29 00-0988	EA	3" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	30.72	8.61
23 05 29 00-0989	EA	4" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	33.86	9.06
23 05 29 00-0990	EA	6" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	38.81	10.33
23 05 29 00-0991	EA	8" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	51.30	11.48
23 05 29 00-0992	EA	10" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	61.16	13.20
23 05 29 00-0993	EA	12" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	69.85	16.41

23 05 29 00-0994 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate *(23 05 29 00-0940)*

23 05 29 00-0995	EA	1/2" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	50.13	7.69
23 05 29 00-0996	EA	3/4" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	59.66	8.04
23 05 29 00-0997	EA	1" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	62.05	8.04
23 05 29 00-0998	EA	1-1/4" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	63.58	8.27
23 05 29 00-0999	EA	1-1/2" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	65.38	8.49
23 05 29 00-1000	EA	2" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	67.39	8.61
23 05 29 00-1001	EA	2-1/2" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	70.96	8.83
23 05 29 00-1002	EA	3" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	74.09	9.40
23 05 29 00-1003	EA	4" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	81.72	9.76
23 05 29 00-1004	EA	6" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	93.50	11.93
23 05 29 00-1005	EA	8" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	121.22	13.08
23 05 29 00-1006	EA	10" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	144.24	13.78
23 05 29 00-1007	EA	12" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	165.43	17.78

23 05 29 00-1008 Equipment Housekeeping Pads *(23 05 29)*

See CSI section 03 31 13 00-0089 for Concrete Equipment Pads.

23 05 29 00-1009 Molded Plastic Condenser Pad *(23 05 29 00-1008)*

23 05 29 00-1010	EA	30" Round Molded Plastic Pad	152.72	14.95
23 05 29 00-1011	EA	30" Octagon Molded Plastic Pad	160.80	14.95
23 05 29 00-1012	EA	30" x 30" Molded Plastic Pad	152.72	14.95
23 05 29 00-1013	EA	36" x 36" Molded Plastic Pad	201.13	14.95
23 05 29 00-1014	EA	36" x 48" Molded Plastic Pad	291.70	14.95

23 05 29 00-1015 Inertia Base *(23 05 29 00-1008)*

Note: Includes spring isolators.

23 05 29 00-1016	EA	Up To 12 SF Inertia Base, 8" Thick With Spring Base	2,399.35	
23 05 29 00-1017	EA	>12 To 16 SF Inertia Base, 8" Thick With Spring Base	2,900.02	
23 05 29 00-1018	EA	>16 To 20 SF Inertia Base, 8" Thick With Spring Base	3,321.81	
23 05 29 00-1019	EA	>20 To 24 SF Inertia Base, 8" Thick With Spring Base	3,796.19	

23 05 29 00-1020 Hanger Assemblies *(23 05 29)*

Note: Includes hanger, rod, nuts, washers, clamps, upper attachment, etc. Not for use where detail is available.

23 05 29 00-1021	EA	1/2" Standard Duty Clevis Pipe Hanger Assembly Note: Includes hanger, rod, nuts, washers and clamp.	53.05	18.59
		For Work In Restricted Working Space, Add	*11.96*	
23 05 29 00-1022	EA	3/4" Standard Duty Clevis Pipe Hanger Assembly Note: Includes hanger, rod, nuts, washers and clamp.	55.26	19.70
		For Work In Restricted Working Space, Add	*12.63*	
23 05 29 00-1023	EA	1" Standard Duty Clevis Pipe Hanger Assembly Note: Includes hanger, rod, nuts, washers and clamp.	57.09	20.88
		For Work In Restricted Working Space, Add	*13.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-1024	EA	1-1/4" Standard Duty Clevis Pipe Hanger Assembly Note: Includes hanger, rod, nuts, washers and clamp.	58.00	20.91
		For Work In Restricted Working Space, Add	*13.35*	
23 05 29 00-1025	EA	1-1/2" Standard Duty Clevis Pipe Hanger Assembly Note: Includes hanger, rod, nuts, washers and clamp.	58.23	20.91
		For Work In Restricted Working Space, Add	*13.35*	
23 05 29 00-1026	EA	2" Standard Duty Clevis Pipe Hanger Assembly Note: Includes hanger, rod, nuts, washers and clamp.	59.35	21.09
		For Work In Restricted Working Space, Add	*13.55*	
23 05 29 00-1027	EA	2-1/2" Standard Duty Clevis Pipe Hanger Assembly Note: Includes hanger, rod, nuts, washers and clamp.	69.86	22.74
		For Work In Restricted Working Space, Add	*13.90*	
23 05 29 00-1028	EA	3" Standard Duty Clevis Pipe Hanger Assembly Note: Includes hanger, rod, nuts, washers and clamp.	71.73	23.39
		For Work In Restricted Working Space, Add	*14.11*	
23 05 29 00-1029	EA	4" Standard Duty Clevis Pipe Hanger Assembly Note: Includes hanger, rod, nuts, washers and clamp.	86.98	26.41
		For Work In Restricted Working Space, Add	*15.59*	
23 05 29 00-1030	EA	6" Standard Duty Clevis Pipe Hanger Assembly Note: Includes hanger, rod, nuts, washers and clamp.	129.42	34.13
		For Work In Restricted Working Space, Add	*20.47*	
23 05 29 00-1031	EA	8" Standard Duty Clevis Pipe Hanger Assembly Note: Includes hanger, rod, nuts, washers and clamp.	147.92	39.59
		For Work In Restricted Working Space, Add	*23.75*	
23 05 29 00-1032	EA	10" Standard Duty Clevis Pipe Hanger Assembly Note: Includes hanger, rod, nuts, washers and clamp.	203.48	50.29
		For Work In Restricted Working Space, Add	*29.80*	
23 05 29 00-1033	EA	12" Standard Duty Clevis Pipe Hanger Assembly Note: Includes hanger, rod, nuts, washers and clamp.	221.45	54.11
		For Work In Restricted Working Space, Add	*32.53*	

23 05 29 00-1034 Steel Shapes For Hanger Devices *(23 05 29)*

23 05 29 00-1035 Angle Iron For Hanger Devices *(23 05 29 00-1034)*

23 05 29 00-1036	LF	1/2" x 1/2" x 1/8" Angle Iron For Hanger Devices	2.84	1.74
23 05 29 00-1037	LF	3/4" x 3/4" x 1/8" Angle Iron For Hanger Devices	3.70	2.17
23 05 29 00-1038	LF	1" x 1" x 1/8" Angle Iron For Hanger Devices	4.57	2.60
23 05 29 00-1039	LF	1-1/4" x 1-1/4" x 3/16" Angle Iron For Hanger Devices	6.35	3.23
23 05 29 00-1040	LF	1-1/2" x 1-1/2" x 3/16" Angle Iron For Hanger Devices	7.11	3.47
23 05 29 00-1041	LF	2" x 2" x 1/4" Angle Iron For Hanger Devices	9.61	3.90
23 05 29 00-1042	LF	2-1/2" x 2-1/2" x 1/4" Angle Iron For Hanger Devices	11.98	4.75
23 05 29 00-1043	LF	3" x 2" x 3/8" Angle Iron For Hanger Devices	15.58	5.57
23 05 29 00-1044	LF	3" x 3" x 3/8" Angle Iron For Hanger Devices	18.61	6.51

23 05 29 00-1045 Channels For Hanger Devices *(23 05 29 00-1034)*

23 05 29 00-1046	LF	C2 x 1.78, 2" Wide Channels For Hanger Devices	8.44	4.51
23 05 29 00-1047	LF	C3 x 4.1, 3" Wide Channels For Hanger Devices	14.32	6.49
23 05 29 00-1048	LF	C4 x 5.4, 4" Wide Channels For Hanger Devices	17.85	7.79
23 05 29 00-1049	LF	C5 x 6.7 - 5" Wide Channels For Hanger Devices	21.38	9.08
23 05 29 00-1050	LF	C6 x 8.2 - 6" Wide Channels For Hanger Devices	25.88	10.91
23 05 29 00-1051	LF	C7 x 9.8 - 7" Wide Channels For Hanger Devices	30.86	12.98
23 05 29 00-1052	LF	C8 x 11.5 - 8" Wide Channels For Hanger Devices	34.95	14.29

23 05 29 00-1053 Structural Bar Tees For Hanger Devices *(23 05 29 00-1034)*

23 05 29 00-1054	LF	3/4" x 3/4" x 1/8" Structural Bar Tee For Hanger Devices	9.53	6.35
23 05 29 00-1055	LF	1" x 1" x 1/8" Structural Bar Tee For Hanger Devices	11.48	7.50
23 05 29 00-1056	LF	1-1/2" x 1-1/2" x 1/4" Structural Bar Tee For Hanger Devices	16.21	8.65
23 05 29 00-1057	LF	2" x 2" x 1/4" Structural Bar Tee For Hanger Devices	20.90	11.54
23 05 29 00-1058	LF	2-1/2" x 2-1/2" x 3/8" Structural Bar Tee For Hanger Devices	28.45	13.85
23 05 29 00-1059	LF	3" x 3" x 3/8" Structural Bar Tee For Hanger Devices	35.71	17.89

23 05 29 00-1060 Structural Zees For Hanger Devices *(23 05 29 00-1034)*

23 05 29 00-1061	LF	1-1/4" x 1-3/4" x 1-3/4" Structural Zee For Hanger Devices	16.23	8.65
23 05 29 00-1062	LF	2-11/16" x 3" x 2-11/16" Structural Zee For Hanger Devices	19.34	8.65
23 05 29 00-1063	LF	3-1/16" x 4" x 3-1/16" Structural Zee For Hanger Devices	28.19	8.65
23 05 29 00-1064	LF	3-1/4" x 5" x 3-1/4" Structural Zee For Hanger Devices	35.49	8.65
23 05 29 00-1065	LF	3-1/2" x 6" x 3-1/2" Structural Zee For Hanger Devices	43.05	8.65

23 05 29 00-1066 Junior I-beams For Hanger Devices *(23 05 29 00-1034)*

23 05 29 00-1067	LF	3" I-beam (Junior) For Hanger Devices	20.37	12.69
23 05 29 00-1068	LF	4" I-beam (Junior) For Hanger Devices	23.36	13.85
23 05 29 00-1069	LF	5" I-beam (Junior) For Hanger Devices	26.89	15.00
23 05 29 00-1070	LF	6" I-beam (Junior) For Hanger Devices	29.37	16.74
23 05 29 00-1071	LF	7" I-beam (Junior) For Hanger Devices	34.72	17.89
23 05 29 00-1072	LF	8" I-beam (Junior) For Hanger Devices	37.58	19.05

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 05 48 Vibration and Seismic Controls for HVAC *(23 05)*

23 05 48 13 Vibration Controls for HVAC *(23 05 48)*

23 05 48 13-0001 Unhoused Stable Steel Spring Isolators *(23 05 48 13)*
Note: Includes leveling adjustment, cast top, base plate and pad. For use with floor mounted equipment only.

23 05 48 13-0002	EA	60 Lb. Capacity, Unhoused Steel Spring Isolator	113.53	33.47
23 05 48 13-0003	EA	115 Lb. Capacity, Unhoused Steel Spring Isolator	121.07	33.47
23 05 48 13-0004	EA	1,130 Lb. Capacity, Unhoused Steel Spring Isolator	146.09	33.47

23 05 48 13-0005 Housed Stable Steel Spring Isolators *(23 05 48 13)*
Note: Includes leveling adjustment, top plate, base plate and pad. For use with floor mounted equipment only.
Mason Industries, Inc.

23 05 48 13-0006	EA	To 770 Lb. Housed Hot Dipped Galvanized Steel Spring Isolator, 1" Deflection	263.03	33.47
23 05 48 13-0007	EA	To 1,040 Lb. Housed Hot Dipped Galvanized Steel Spring Isolator, 1" Deflection	293.28	33.47
23 05 48 13-0008	EA	To 1,600 Lb. Housed Hot Dipped Galvanized Steel Spring Isolator, 1" Deflection	308.40	33.47
23 05 48 13-0009	EA	To 2,250 Lb. Housed Hot Dipped Galvanized Steel Spring Isolator, 1" Deflection	368.90	33.47
23 05 48 13-0010	EA	To 3,250 Lb. Housed Hot Dipped Galvanized Steel Spring Isolator, 1" Deflection	384.02	33.47
23 05 48 13-0011	EA	To 730 Lb. Housed Hot Dipped Galvanized Steel Spring Isolator, 2" Deflection	289.50	33.47
23 05 48 13-0012	EA	To 930 Lb. Housed Hot Dipped Galvanized Steel Spring Isolator, 2" Deflection	315.97	33.47
23 05 48 13-0013	EA	To 1,440 Lb. Housed Hot Dipped Galvanized Steel Spring Isolator, 2" Deflection	334.87	33.47
23 05 48 13-0014	EA	To 1,860 Lb. Housed Hot Dipped Galvanized Steel Spring Isolator, 2" Deflection	421.83	33.47
23 05 48 13-0015	EA	To 2,880 Lb. Housed Hot Dipped Galvanized Steel Spring Isolator, 2" Deflection	455.86	33.47
23 05 48 13-0016	EA	To 3,720 Lb. Housed Hot Dipped Galvanized Steel Spring Isolator, 2" Deflection	535.26	33.47

23 05 48 13-0017 Vibration Isolators *(23 05 48 13)*

23 05 48 13-0018 Spring And Rubber Hanger For 1" Deflection *(23 05 48 13-0017)*

23 05 48 13-0019	EA	50 To 500 Lb. Rated Spring And Rubber Hanger For Vibration Isolation With 3/4" Max Rod Size	153.77	21.53
23 05 48 13-0020	EA	600 To 1,000 Lb. Rated Spring And Rubber Hanger For Vibration Isolation With 7/8" Max Rod Size	327.00	23.92

23 05 48 13-0021 Rubber-In-Shear Isolator Hanger *(23 05 48 13-0017)*

23 05 48 13-0022	EA	45-340 Lb. Rated Rubber In Shear Hanger 0.38" Deflection With <1/2" Rod Size	84.46	17.94
23 05 48 13-0023	EA	130-700 Lb. Rated Rubber In Shear Hanger 0.43" Deflection With <3/4" Rod Size	109.77	21.53

23 05 48 13-0024 Spring Hanger For 1" Deflection *(23 05 48 13-0017)*

23 05 48 13-0025	EA	50 To 1,000 Lb. Rated Rubber In Shear Hanger For 1" Deflection With <3/4" Rod Size	95.61	21.53

23 05 48 13-0026 Rubber-In-Shear Vibration Isolator *(23 05 48 13-0017)*

23 05 48 13-0027	EA	45 To 340 Lb. Rubber In Shear Vibration Isolation With 0.38" Deflection	175.85	40.67
23 05 48 13-0028	EA	130 To 700 Lb. Rubber In Shear Vibration Isolation With 0.43" Deflection	242.60	40.67
23 05 48 13-0029	EA	550 To 1,920 Lb. Rubber In Shear Vibration Isolation With 0.48" Deflection	471.69	40.67

23 05 48 13-0030 Two-Piece Spring Type Vibration Isolator *(23 05 48 13-0017)*
Note: For equipment support aluminum construction 1/2" adjusting and leveling bolt 1" deflection.

23 05 48 13-0031	EA	50 To 1,000 Lb. Rated Load 2-Piece Isolator Spring Type Vibration Isolator	147.72	40.67
23 05 48 13-0032	EA	>1,000 To 1,600 Lb. Rated Load 2-Piece Isolator Spring Type Vibration Isolator	152.69	40.67

23 05 48 13-0033 Open Double Spring Type Vibration Isolator *(23 05 48 13-0017)*
Note: For equipment support 1" deflection neoprene pad and 5/8" stud bolt.

23 05 48 13-0034	EA	150 To 450 Lb. Rated Load Open Isolator, Double Spring Type Vibration Isolator	116.88	20.33
23 05 48 13-0035	EA	500 To 1,000 Lb. Rated Load Open Isolator, Double Spring Type Vibration Isolator	116.88	20.33
23 05 48 13-0036	EA	1,100 To 1,600 Lb. Rated Load Open Isolator, Double Spring Type Vibration Isolator	133.46	20.33
23 05 48 13-0037	EA	1,700 To 2,400 Lb. Rated Load Open Isolator, Double Spring Type Vibration Isolator	133.46	20.33
23 05 48 13-0038	EA	2,500 To 3,400 Lb. Rated Load Open Isolator, Double Spring Type Vibration Isolator	208.46	20.33

23 05 48 13-0039 Isolation Pads *(23 05 48 13-0017)*

23 05 48 13-0040 Laminated Neoprene And Cork Isolation Pad *(23 05 48 13-0039)*

23 05 48 13-0041	EA	2" x 2", 1" Thick Laminated Neoprene And Cork Isolation Pad	7.31	2.99
23 05 48 13-0042	EA	3" x 3", 1" Thick Laminated Neoprene And Cork Isolation Pad	9.43	3.11
23 05 48 13-0043	EA	4" x 4", 1" Thick Laminated Neoprene And Cork Isolation Pad	11.86	3.23
23 05 48 13-0044	EA	12" x 12", 1" Thick Laminated Neoprene And Cork Isolation Pad	47.75	3.71
23 05 48 13-0045	EA	18" x 18", 1" Thick Laminated Neoprene And Cork Isolation Pad	91.67	4.19

23 05 48 13-0046 Neoprene And Steel Plate Isolation Pad *(23 05 48 13-0039)*

23 05 48 13-0047	EA	6" x 4", 5/8" Thick Steel Plate And Ribbed Neoprene Isolation Pad	117.69	2.99
23 05 48 13-0048	EA	6" x 4", 7/8" Thick Steel Plate And Ribbed Neoprene Isolation Pad	130.04	2.99

23 05 48 13-0049 Neoprene Isolation Pad *(23 05 48 13-0039)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 48 13-0050	EA	2" x 2", 3/8" Thick Ribbed Neoprene Isolation Pad	6.80	2.99
23 05 48 13-0051	EA	3" x 3", 3/8" Thick Ribbed Neoprene Isolation Pad	7.78	2.99
23 05 48 13-0052	EA	4" x 4", 3/8" Thick Ribbed Neoprene Isolation Pad	9.34	2.99
23 05 48 13-0053	EA	12" x 12", 3/8" Thick Ribbed Neoprene Isolation Pad	46.97	3.59
23 05 48 13-0054	EA	18" x 18", 3/8" Thick Ribbed Neoprene Isolation Pad	86.12	4.19
23 05 48 13-0055		**Threaded Flexible Bronze Hose Connectors** *(23 05 48 13)*		
		Note: Includes hex threaded nipple ends.		
23 05 48 13-0056	EA	3/8" Diameter x 9" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	81.42	19.13
23 05 48 13-0057	EA	1/2" Diameter x 10" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	94.84	26.31
23 05 48 13-0058	EA	3/4" Diameter x 11" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	116.50	32.30
23 05 48 13-0059	EA	1" Diameter x 12" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	135.44	38.27
23 05 48 13-0060	EA	1-1/4" Diameter x 12" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	155.15	50.23
23 05 48 13-0061	EA	1-1/2" Diameter x 14" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	174.64	53.46
23 05 48 13-0062	EA	2" Diameter x 14" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	234.33	63.38
23 05 48 13-0063	EA	2-1/2" Diameter x 16" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	324.63	98.79
23 05 48 13-0064		**Weld End Flexible Hose Connectors** *(23 05 48 13)*		
23 05 48 13-0065	EA	1/2" Diameter x 10" Flexible Hose Connection, Weld Ends	242.51	68.65
23 05 48 13-0066	EA	3/4" Diameter x 10" Flexible Hose Connection, Weld Ends	282.52	75.35
23 05 48 13-0067	EA	1" Diameter x 10" Flexible Hose Connection, Weld Ends	317.49	79.78
23 05 48 13-0068	EA	1-1/4" Diameter x 11" Flexible Hose Connection, Weld Ends	355.33	90.90
23 05 48 13-0069	EA	1-1/2" Diameter x 12" Flexible Hose Connection, Weld Ends	402.12	98.08
23 05 48 13-0070	EA	2" Diameter x 14" Flexible Hose Connection, Weld Ends	505.65	127.61
23 05 48 13-0071	EA	2-1/2" Diameter x 16" Flexible Hose Connection, Weld Ends	750.64	143.53
23 05 48 13-0072	EA	3" Diameter x 16" Flexible Hose Connection, Weld Ends	923.61	161.46
23 05 48 13-0073	EA	4" Diameter x 18" Flexible Hose Connection, Weld Ends	1,281.49	239.21
23 05 48 13-0074		**Flanged Flexible Hose Connectors** *(23 05 48 13)*		
23 05 48 13-0075		**Flanged Flexible Molded Rubber Hose Connectors** *(23 05 48 13-0074)*		
		Note: With helical wire reinforcement 150 PSI.		
23 05 48 13-0076	EA	1-1/2" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	246.79	89.70
23 05 48 13-0077	EA	2" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	266.75	99.63
23 05 48 13-0078	EA	2-1/2" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	429.78	199.02
23 05 48 13-0079	EA	3" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	592.68	296.02
23 05 48 13-0080	EA	4" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	772.96	382.13
23 05 48 13-0081	EA	6" Diameter x 18" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	992.57	397.39
23 05 48 13-0082	EA	8" Diameter x 24" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	1,209.86	453.87
23 05 48 13-0083	EA	10" Diameter x 24" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	1,572.30	540.13
23 05 48 13-0084	EA	12" Diameter x 24" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	3,743.35	675.55
23 05 48 13-0085		**Flanged Flexible Corrugated Stainless Steel Hose Connectors** *(23 05 48 13-0074)*		
		Note: With braided metal wire.		
23 05 48 13-0086	EA	1/2" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	190.84	81.57
23 05 48 13-0087	EA	1" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	181.63	112.19
23 05 48 13-0088	EA	1-1/2" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	356.41	149.50
23 05 48 13-0089	EA	2" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	459.16	224.25
23 05 48 13-0090	EA	2-1/2" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	493.18	246.74
23 05 48 13-0091	EA	3" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	571.77	298.77
23 05 48 13-0092	EA	4" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	732.05	382.49
23 05 48 13-0093	EA	4" Diameter x 30" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	1,346.12	527.68
23 05 48 13-0094	EA	4" Diameter x 36" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	1,538.81	618.58
23 05 48 13-0095	EA	6" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	1,013.95	475.91
23 05 48 13-0096	EA	6" Diameter x 36" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	1,933.75	596.08
23 05 48 13-0097	EA	8" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	1,675.34	635.82
23 05 48 13-0098	EA	10" Diameter x 13" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	1,973.32	735.22
23 05 48 13-0099	EA	12" Diameter x 14" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	2,556.24	794.78
23 05 48 13-0100		**Flanged Flexible Molded Teflon Hose Connectors** *(23 05 48 13-0074)*		
		Note: 150 PSI.		
23 05 48 13-0101	EA	2-1/2" Diameter x 3-3/16" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation	1,101.31	173.43
23 05 48 13-0102	EA	3" Diameter x 3-5/8" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation	1,234.33	203.33
23 05 48 13-0103	EA	4" Diameter x 3-5/8" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation	1,867.16	341.72
23 05 48 13-0104	EA	6" Diameter x 4" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation	2,267.78	397.39
23 05 48 13-0105	EA	8" Diameter x 6" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation	2,988.98	487.46

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 48 13-0106			Flexible Hose Connectors Braided Metal Hose Type *(23 05 48 13)*		
23 05 48 13-0107			Braided Metal Hose Type Flexible Bronze Hose Connectors *(23 05 48 13-0106)*		
			Note: MPT connection.		
23 05 48 13-0108	EA		1/2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	43.85	2.40
23 05 48 13-0109	EA		1/2" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	52.51	2.40
23 05 48 13-0110	EA		1/2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	58.33	3.11
23 05 48 13-0111	EA		1/2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	71.08	3.11
23 05 48 13-0112	EA		3/4" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	58.78	2.87
23 05 48 13-0113	EA		3/4" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	71.13	2.87
23 05 48 13-0114	EA		3/4" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	81.29	3.70
23 05 48 13-0115	EA		3/4" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	100.53	3.70
23 05 48 13-0116	EA		1" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	80.30	3.35
23 05 48 13-0117	EA		1" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	87.88	3.35
23 05 48 13-0118	EA		1" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	104.33	4.42
23 05 48 13-0119	EA		1" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	132.47	4.42
23 05 48 13-0120	EA		1" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	160.39	4.42
23 05 48 13-0121	EA		1" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	188.41	4.42
23 05 48 13-0122	EA		1-1/4" Or 1-1/2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	114.49	4.29
23 05 48 13-0123	EA		1-1/4" Or 1-1/2" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	126.30	4.29
23 05 48 13-0124	EA		1-1/4" Or 1-1/2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	162.30	4.29
23 05 48 13-0125	EA		1-1/4" Or 1-1/2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	225.70	5.72
23 05 48 13-0126	EA		1-1/4" Or 1-1/2" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	261.98	5.72
23 05 48 13-0127	EA		1-1/4" Or 1-1/2" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	310.25	5.72
23 05 48 13-0128	EA		2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	156.88	5.18
23 05 48 13-0129	EA		2" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	181.56	5.18
23 05 48 13-0130	EA		2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	229.37	5.18
23 05 48 13-0131	EA		2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	305.91	6.94
23 05 48 13-0132	EA		2" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	378.77	6.94
23 05 48 13-0133	EA		2" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	451.56	6.94
23 05 48 13-0134	EA		2-1/2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	218.05	6.50
23 05 48 13-0135	EA		2-1/2" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	248.45	6.16
23 05 48 13-0136	EA		2-1/2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	279.16	6.16
23 05 48 13-0137	EA		2-1/2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	344.13	8.26
23 05 48 13-0138	EA		2-1/2" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	405.88	8.26
23 05 48 13-0139	EA		2-1/2" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	465.71	8.26
23 05 48 13-0140	EA		3" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	344.16	8.26
23 05 48 13-0141	EA		3" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	385.18	8.26
23 05 48 13-0142	EA		3" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	928.74	8.26
23 05 48 13-0143	EA		3" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	1,118.26	11.01
23 05 48 13-0144	EA		3" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	596.86	11.01
23 05 48 13-0145	EA		3" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	677.58	11.01
23 05 48 13-0146	EA		4" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	631.14	9.74
23 05 48 13-0147	EA		4" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	679.07	9.74
23 05 48 13-0148	EA		4" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	727.00	9.74
23 05 48 13-0149	EA		4" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	830.82	12.98
23 05 48 13-0150	EA		4" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	926.31	12.98
23 05 48 13-0151	EA		4" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	1,023.85	12.98
23 05 48 13-0152			Braided Stainless Steel Flexible Hose Connectors *(23 05 48 13-0106)*		
			Note: Over braided carbon steel connection.		
23 05 48 13-0153	EA		2" Diameter x 12" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	187.11	5.25
23 05 48 13-0154	EA		2" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	226.32	5.25
23 05 48 13-0155	EA		2" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	264.80	5.25
23 05 48 13-0156	EA		2" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	346.57	7.04
23 05 48 13-0157	EA		2" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	424.56	7.04
23 05 48 13-0158	EA		2" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	502.47	7.04
23 05 48 13-0159	EA		2-1/2" Or 3" Diameter x 12" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	212.05	6.16
23 05 48 13-0160	EA		2-1/2" Or 3" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	253.04	6.16
23 05 48 13-0161	EA		2-1/2" Or 3" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	294.21	6.16
23 05 48 13-0162	EA		2-1/2" Or 3" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	381.11	8.26
23 05 48 13-0163	EA		2-1/2" Or 3" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	463.11	8.26
23 05 48 13-0164	EA		2-1/2" Or 3" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	543.98	8.26
23 05 48 13-0165	EA		4" Diameter x 12" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	224.66	8.26
23 05 48 13-0166	EA		4" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	271.61	8.48

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 48 13-0167	LF	4" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	319.23	8.26
23 05 48 13-0168	EA	4" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	422.76	11.01
23 05 48 13-0169	EA	4" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	517.49	11.01
23 05 48 13-0170	EA	4" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	614.90	11.01
23 05 48 13-0171	EA	6" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	453.11	16.08
23 05 48 13-0172	EA	6" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	670.24	16.19
23 05 48 13-0173	EA	6" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	898.94	21.33
23 05 48 13-0174	EA	6" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,116.16	21.33
23 05 48 13-0175	EA	6" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,333.33	21.33
23 05 48 13-0176	EA	8" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	788.12	19.81
23 05 48 13-0177	EA	8" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	952.40	19.81
23 05 48 13-0178	EA	8" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,291.41	25.75
23 05 48 13-0179	EA	8" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,617.31	25.75
23 05 48 13-0180	EA	8" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,943.12	25.75
23 05 48 13-0181	EA	10" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	843.62	24.76
23 05 48 13-0182	EA	10" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,254.34	24.76
23 05 48 13-0183	EA	10" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,680.25	32.24
23 05 48 13-0184	EA	10" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	2,092.41	32.24
23 05 48 13-0185	EA	10" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	2,502.82	32.24
23 05 48 13-0186	EA	12" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,677.13	29.93
23 05 48 13-0187	EA	12" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	2,189.70	29.93
23 05 48 13-0188	EA	12" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	2,738.92	40.27
23 05 48 13-0189	EA	12" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	3,255.99	40.27
23 05 48 13-0190	EA	12" Diameter x 72" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	3,775.47	40.27
23 05 48 13-0191		**Braided Metal Hose Type Flexible Bronze Hose Connectors** *(23 05 48 13-0106)* Note: Flanged end connection (carbon steel ends).		
23 05 48 13-0192	EA	2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	413.30	5.18
23 05 48 13-0193	EA	2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	758.85	146.75
23 05 48 13-0194	EA	2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	932.77	146.75
23 05 48 13-0195	EA	2" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,106.70	146.75
23 05 48 13-0196	EA	2" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,280.69	146.75
23 05 48 13-0197	EA	2-1/2" Or 3" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	689.60	187.16
23 05 48 13-0198	EA	2-1/2" Or 3" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	872.88	187.16
23 05 48 13-0199	EA	2-1/2" Or 3" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,056.23	187.16
23 05 48 13-0200	EA	2-1/2" Or 3" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,239.64	187.16
23 05 48 13-0201	EA	2-1/2" Or 3" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,419.85	187.16
23 05 48 13-0202	EA	4" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	954.14	313.75
23 05 48 13-0203	EA	4" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,168.07	314.54
23 05 48 13-0204	EA	4" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,385.48	313.75
23 05 48 13-0205	EA	4" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,628.55	313.75
23 05 48 13-0206	EA	4" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,814.29	313.75
23 05 48 13-0207	EA	6" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,490.07	402.07

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 48 13-0208	EA	6" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,974.78	402.07
23 05 48 13-0209	EA	6" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	2,459.77	403.51
23 05 48 13-0210	EA	6" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	2,944.56	402.07
23 05 48 13-0211	EA	6" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	3,429.27	402.07
23 05 48 13-0212	EA	8" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	2,500.83	506.12
23 05 48 13-0213	EA	8" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	2,867.53	506.12
23 05 48 13-0214	EA	8" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	3,594.57	506.12
23 05 48 13-0215	EA	8" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	4,321.88	506.12
23 05 48 13-0216	EA	8" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	5,048.85	506.12
23 05 48 13-0217	EA	10" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	4,106.75	616.15
23 05 48 13-0218	EA	10" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	5,020.34	616.15
23 05 48 13-0219	EA	10" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	5,940.08	616.15
23 05 48 13-0220	EA	10" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	6,857.84	616.15
23 05 48 13-0221	EA	10" Diameter x 72" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	7,599.56	616.15
23 05 48 13-0222	EA	12" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	5,581.33	748.19
23 05 48 13-0223	EA	12" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	6,740.66	748.19
23 05 48 13-0224	EA	12" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	7,899.92	748.19
23 05 48 13-0225	EA	12" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	9,059.19	748.19
23 05 48 13-0226	EA	12" Diameter x 72" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	10,218.52	748.19

23 05 53 Identification for HVAC Piping and Equipment *(23 05)*

23 05 53 00-0001 Systems Identification *(23 05 53)*

23 05 53 00-0002 Pipe Marker Snap-On Type Plastic *(23 05 53 00-0001)*

Note: Outside diameters of insulation where necessary.

23 05 53 00-0003	EA	1/2" Outside Diameter Snap-On Plastic Marker	21.07
23 05 53 00-0004	EA	3/4" Outside Diameter Snap-On Plastic Marker	21.37
23 05 53 00-0005	EA	1" Outside Diameter Snap-On Plastic Marker	21.52
23 05 53 00-0006	EA	1-1/4" Outside Diameter Snap-On Plastic Marker	21.86
23 05 53 00-0007	EA	1-1/2" Outside Diameter Snap-On Plastic Marker	25.44
23 05 53 00-0008	EA	2" Outside Diameter Snap-On Plastic Marker	25.98
23 05 53 00-0009	EA	2-1/2" Outside Diameter Snap-On Plastic Marker	41.50
23 05 53 00-0010	EA	3" Outside Diameter Snap-On Plastic Marker	41.93
23 05 53 00-0011	EA	3-1/2" Outside Diameter Snap-On Plastic Marker	42.39
23 05 53 00-0012	EA	4" Outside Diameter Snap-On Plastic Marker	42.63
23 05 53 00-0013	EA	4-1/2" Outside Diameter Snap-On Plastic Marker	42.89
23 05 53 00-0014	EA	5" Outside Diameter Snap-On Plastic Marker	43.14
23 05 53 00-0015	EA	6" Outside Diameter Snap-On Plastic Marker	45.22
23 05 53 00-0016	EA	7" Outside Diameter Snap-On Plastic Marker	45.51
23 05 53 00-0017	EA	8" Outside Diameter Snap-On Plastic Marker	56.15
23 05 53 00-0018	EA	10" Outside Diameter Snap-On Plastic Marker	58.03
23 05 53 00-0019	EA	12" Outside Diameter Snap-On Plastic Marker	66.81
23 05 53 00-0020	EA	14" Outside Diameter Snap-On Plastic Marker	76.64

23 05 53 00-0021 Pipe Markers Pressure-Sensitive *(23 05 53 00-0001)*

Note: Outside diameter includes insulation where necessary.

23 05 53 00-0022	EA	1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	14.31
23 05 53 00-0023	EA	3/4" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	14.91
23 05 53 00-0024	EA	1" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	16.11
23 05 53 00-0025	EA	1-1/4" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	16.34
23 05 53 00-0026	EA	1-1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	17.54
23 05 53 00-0027	EA	2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	17.90
23 05 53 00-0028	EA	2-1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	20.38
23 05 53 00-0029	EA	3" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	20.86
23 05 53 00-0030	EA	3-1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	21.21
23 05 53 00-0031	EA	4" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	21.58
23 05 53 00-0032	EA	4-1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	22.33
23 05 53 00-0033	EA	5" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	23.13
23 05 53 00-0034	EA	6" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	23.83
23 05 53 00-0035	EA	7" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	24.53
23 05 53 00-0036	EA	8" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	27.27

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 53 00-0037	EA	10" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	28.58	
23 05 53 00-0038	EA	12" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	33.52	
23 05 53 00-0039		Valve Identification Tag *(23 05 53 00-0001)*		
		Note: Includes beaded chain and/or "S" hook.		
23 05 53 00-0040	EA	2" Diameter Identification Tag, Brass	12.48	
23 05 53 00-0041	EA	1-1/2" Diameter Identification Tag, Plastic	11.71	
23 05 53 00-0042	EA	1-1/2" Diameter Identification Tag, Brass	11.47	

23 05 66 Anti-Microbial Ultraviolet Emitters for HVAC Ducts and Equipment *(23 05)*

23 05 66 00-0001		Double Ended Ultraviolet HVAC Microbial Control Fixtures *(23 05 66)*		
23 05 66 00-0002	EA	18" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-181-VO) Note: Includes tube.	1,043.18	85.57
23 05 66 00-0003	EA	24" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-241-VO) Note: Includes tube.	1,088.97	89.81
23 05 66 00-0004	EA	30" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-301-VO) Note: Includes tube.	1,091.86	93.66
23 05 66 00-0005	EA	36" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-361-VO) Note: Includes tube.	1,142.87	98.41
23 05 66 00-0006	EA	42" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-421-VO) Note: Includes tube.	1,236.90	102.63
23 05 66 00-0007	EA	62" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-621-VO) Note: Includes tube.	1,164.15	105.84
23 05 66 00-0008		Single Ended Ultraviolet HVAC Microbial Control Fixtures *(23 05 66)*		
23 05 66 00-0009	EA	12" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-121-VO) Note: Includes tube.	877.02	59.27
23 05 66 00-0010	EA	16" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-161-VO) Note: Includes tube.	888.96	64.14
23 05 66 00-0011	EA	20" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-201-VO) Note: Includes tube.	911.95	67.99
23 05 66 00-0012	EA	24" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-241-VO) Note: Includes tube.	923.10	73.13
23 05 66 00-0013	EA	30" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-301-VO) Note: Includes tube.	946.88	76.98
23 05 66 00-0014	EA	36" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-361-VO) Note: Includes tube.	964.35	80.83
23 05 66 00-0015	EA	42" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-421-VO) Note: Includes tube.	987.35	85.96
23 05 66 00-0016	EA	12" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-121-VO) Note: Includes tube.	999.30	59.27
23 05 66 00-0017	EA	16" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-161-VO) Note: Includes tube.	1,011.24	64.14
23 05 66 00-0018	EA	20" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-201-VO) Note: Includes tube.	1,034.22	67.99
23 05 66 00-0019	EA	24" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-241-VO) Note: Includes tube.	1,045.38	73.13
23 05 66 00-0020	EA	30" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-301-VO) Note: Includes tube.	1,069.16	76.98
23 05 66 00-0021	EA	36" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-361-VO) Note: Includes tube.	1,086.63	80.83
23 05 66 00-0022	EA	42" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-421-VO) Note: Includes tube.	1,109.63	85.96
23 05 66 00-0023	EA	16" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-161-VO) Note: Includes tube.	697.54	64.14
23 05 66 00-0024	EA	20" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-201-VO) Note: Includes tube.	720.53	67.99
23 05 66 00-0025	EA	24" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-241-VO) Note: Includes tube.	731.69	73.13
23 05 66 00-0026	EA	30" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-301-VO) Note: Includes tube.	755.47	76.98
23 05 66 00-0027	EA	36" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-361-VO) Note: Includes tube.	772.94	80.83
23 05 66 00-0028	EA	42" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-421-VO) Note: Includes tube.	795.94	85.96
23 05 66 00-0029		Fan Coil Unit Ultraviolet Microbial Control Fixtures *(23 05 66)*		
23 05 66 00-0030	EA	16" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire) Note: Includes tube.	641.13	82.11
23 05 66 00-0031	EA	20" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire) Note: Includes tube.	655.15	85.96
23 05 66 00-0032	EA	24" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire) Note: Includes tube.	669.15	89.81
23 05 66 00-0033	EA	30" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire) Note: Includes tube.	688.08	93.66

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 66 00-0034	EA	36" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire) Note: Includes tube.	712.64	98.41
23 05 66 00-0035	EA	42" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire) Note: Includes tube.	734.24	102.63
23 05 66 00-0036		**Ultraviolet HVAC Microbial Control Replacement Parts** *(23 05 66)*		
23 05 66 00-0037	EA	18" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-16-VO)	169.49	
23 05 66 00-0038	EA	24" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-22-VO)	178.22	
23 05 66 00-0039	EA	30" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-28-VO)	202.71	
23 05 66 00-0040	EA	36" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-34-VO)	234.24	
23 05 66 00-0041	EA	42" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-40-VO)	266.46	
23 05 66 00-0042	EA	62" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-60-VO)	269.83	
23 05 66 00-0043	EA	12" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-12-VO)	127.70	
23 05 66 00-0044	EA	16" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-16-VO)	134.51	
23 05 66 00-0045	EA	20" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-20-VO)	152.37	
23 05 66 00-0046	EA	24" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-24-VO)	158.39	
23 05 66 00-0047	EA	30" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-30-VO)	177.04	
23 05 66 00-0048	EA	36" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-36-VO)	189.37	
23 05 66 00-0049	EA	42" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-42-VO)	207.24	
23 05 66 00-0050	EA	Removal And Replacement Of Power Supply For Ultraviolet Microbial Control Fixture (Steril-Aire)	497.32	
23 05 66 00-0051		**Ultraviolet HVAC Microbial Control Mounting Accessories** *(23 05 66)*		
23 05 66 00-0052	EA	Two Spring Clip, 61" Emitter Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 11006610) Note: Includes 61" emitter, power supply, wires and connectors.	720.95	
23 05 66 00-0053	EA	Two Spring Clip, 61" Sleeved Emitter Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 11006620) Note: Includes 61" emitter, power supply, wires and connectors.	924.06	
23 05 66 00-0054	EA	Two Spring Clip, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-1) Note: Includes power supply, wires and connectors. Excludes emitter.	417.78	
23 05 66 00-0055	EA	Two Short Hook Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-2) Note: Includes power supply, wires and connectors. Excludes emitter.	442.65	
23 05 66 00-0056	EA	Flat Plate For Metal, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-3) Note: Includes power supply, wires and connectors. Excludes emitter.	574.14	
23 05 66 00-0057	EA	Flat Plate For Plastic, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-4) Note: Includes power supply, wires and connectors. Excludes emitter.	355.79	
23 05 66 00-0058	EA	Insert Lamp Holder, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-5) Note: Includes power supply, wires and connectors. Excludes emitter.	386.38	
23 05 66 00-0059	EA	16" U-Bracket, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-6) Note: Includes power supply, wires and connectors. Excludes emitter.	502.36	
23 05 66 00-0060	EA	12" U-Bracket, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-7) Note: Includes power supply, wires and connectors. Excludes emitter.	495.30	
23 05 66 00-0061	LF	30 x 30 mm Framing Structure For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000101)	18.62	
23 05 66 00-0062	EA	Vertical Support Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000111)	62.63	
23 05 66 00-0063	EA	Joint Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000112)	21.34	
23 05 66 00-0064	EA	Emitter Mounting Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000113)	20.11	
23 05 66 00-0065	EA	Foundation Bracket FB 8WA For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000104)	57.59	
23 05 66 00-0066	EA	Slider Assembly Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000114)	69.41	
23 05 66 00-0067	EA	Splice Kit For Horizontal Rows For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000108)	61.56	
23 05 66 00-0068	EA	Gusset Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000115)	49.80	
23 05 66 00-0069	EA	ISO "A" Bracket Hanger For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000109)	47.00	
23 05 66 00-0070	EA	DE Boot Kit UV Resistant For 1 DE Fixture For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 90000223)	25.04	
23 05 66 00-0071	EA	DE Wiring Kit For Up To 65" (DE Bank Install) For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 90000603)	52.94	
23 05 66 00-0072	EA	Cleaning Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 90000100)	25.15	
23 05 66 00-0073	EA	480 To 220 Volt AC / 180 VA Step-Down Transformer For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 90000503)	101.06	
23 05 66 00-0074	EA	Interlock Switch (16 Amps At 125 Volt, 10 Amperes At 250 Volt Maximum Ampacity) For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 90000120)	106.32	
23 05 66 00-0075		**Ultraviolet Duct Disinfection Unit (eLEDLights)** *(23 05 66)*		
23 05 66 00-0076	EA	Two 12" Lamps, Duct Mounted, UVC Air Duct Disinfection Unit (eLEDLights UVAD2L120V12-P1)	1,478.34	118.68
23 05 66 00-0077	EA	Two 18" Lamps, Duct Mounted, UVC Air Duct Disinfection Unit (eLEDLights UVAD2L120V18-P1)	1,653.77	125.09
23 05 66 00-0078	EA	Two 24" Lamps, Duct Mounted, UVC Air Duct Disinfection Unit (eLEDLights UVAD2L120V24-P1)	1,715.82	134.71
23 05 66 00-0079	EA	Two 30" Lamps, Duct Mounted, UVC Air Duct Disinfection Unit (eLEDLights UVAD2L120V30-P1)	1,794.96	144.33
23 05 66 00-0080	EA	Two 36" Lamps, Duct Mounted, UVC Air Duct Disinfection Unit (eLEDLights UVAD2L120V36-P1)	1,848.45	153.95
23 05 66 00-0081	EA	Two 48" Lamps, Duct Mounted, UVC Air Duct Disinfection Unit (eLEDLights UVAD2L120V48-P1)	2,229.30	160.36
23 05 66 00-0082	EA	Four 18" Lamps, Duct Mounted, UVC Air Duct Disinfection Unit (eLEDLights UVAD4L120V18-P1)	2,234.04	125.09
23 05 66 00-0083	EA	Four 24" Lamps, Duct Mounted, UVC Air Duct Disinfection Unit (eLEDLights UVAD4L120V24-P1)	2,321.76	134.71
23 05 66 00-0084	EA	Four 30" Lamps, Duct Mounted, UVC Air Duct Disinfection Unit (eLEDLights UVAD4L120V30-P1)	2,683.34	144.33
23 05 66 00-0085	EA	Four 36" Lamps, Duct Mounted, UVC Air Duct Disinfection Unit (eLEDLights UVAD4L120V36-P1)	2,788.18	153.95
23 05 66 00-0086		**Ultraviolet Germicidal Airborne Duct System (Fresh-Aire UV)** *(23 05 66)* Note: Includes 2 Year Warranty		
23 05 66 00-0087	EA	Two 18" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVC-ADS-218D-HO)	1,134.51	125.09
23 05 66 00-0088	EA	Four 18" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVC-ADS-218Q-HO)	1,918.60	125.09
23 05 66 00-0089	EA	Six 18" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVC-ADS-218H-HO)	2,703.74	125.09
23 05 66 00-0090	EA	Two 24" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVC-ADS-224D-HO)	1,166.42	134.71
23 05 66 00-0091	EA	Four 24" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVC-ADS-224Q-HO)	1,961.07	134.71
23 05 66 00-0092	EA	Six 24" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVC-ADS-224H-HO)	2,756.76	134.71
23 05 66 00-0093	EA	Two 32" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVC-ADS-232D-HO)	1,196.22	144.33

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 66 00-0094	EA	Four 32" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVC-ADS-232Q-HO)	2,003.52	144.33
23 05 66 00-0095	EA	Six 32" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVC-ADS-232H-HO)	2,809.77	144.33
23 05 66 00-0096	EA	Two 46" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVC-ADS-246D-HO)	1,324.33	160.36
23 05 66 00-0097	EA	Four 46" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVC-ADS-246Q-HO)	2,208.67	160.36
23 05 66 00-0098	EA	Six 46" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVC-ADS-246H-HO)	3,093.01	160.36
23 05 66 00-0099	EA	Two 60" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVC-ADS-260D-HO)	1,549.53	176.41
23 05 66 00-0100	EA	Four 60" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVC-ADS-260Q-HO)	2,628.05	176.41
23 05 66 00-0101	EA	Six 60" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVC-ADS-260H-HO)	3,705.51	176.41

23 05 93 Testing, Adjusting, and Balancing for HVAC *(23 05)*

Note: Includes all necessary testing, startup, and checkout. Use these tasks for testing, startup, and checkout of existing systems or for third party testing and report when required.

23 05 93 00-0001 Heating And Ventilating Equipment *(23 05 93)*

23 05 93 00-0002	EA	Balancing Centrifugal Fans	523.24
		For Testing Of Unit Without Balancing, Deduct	*-261.62*
23 05 93 00-0003	EA	Balancing Heating And Ventilating Units	653.78
		For Testing Of Unit Without Balancing, Deduct	*-326.89*
23 05 93 00-0004	EA	Balancing In Line Fan	588.64
		For Testing Of Unit Without Balancing, Deduct	*-294.32*
23 05 93 00-0005	EA	Balancing Propeller And Wall Fan	130.81
		For Testing Of Unit Without Balancing, Deduct	*-65.41*
23 05 93 00-0006	EA	Balancing Roof Exhaust Fan	392.40
		For Testing Of Unit Without Balancing, Deduct	*-196.20*
23 05 93 00-0007	EA	Balancing Wall Fan	98.08
		For Testing Of Unit Without Balancing, Deduct	*-49.04*
23 05 93 00-0008	EA	Balancing Fan Section Exhaust	522.40
		For Testing Of Unit Without Balancing, Deduct	*-261.20*

23 05 93 00-0009 Air Conditioning Equipment *(23 05 93)*

23 05 93 00-0010	EA	Balancing Constant Volume Air Handling Unit	881.19
		For Testing Of Unit Without Balancing, Deduct	*-440.60*
23 05 93 00-0011	EA	Balancing Package A/C Unit	330.45
		For Testing Of Unit Without Balancing, Deduct	*-165.23*
23 05 93 00-0012	EA	Balancing Rooftop Heat And Cool Unit	440.60
		For Testing Of Unit Without Balancing, Deduct	*-220.30*
23 05 93 00-0013	EA	Balancing Variable Volume Air Handling Unit	1,542.08
		For Testing Of Unit Without Balancing, Deduct	*-771.04*

23 05 93 00-0014 Registers, Diffusers, Terminal Air Units And Dampers *(23 05 93)*

23 05 93 00-0015	EA	Balancing HVAC Duct System, Ceiling Height To 12' Supply, Return, Exhaust, Register And Diffuser	98.10
		For Testing Of Unit Without Balancing, Deduct	*-49.05*
23 05 93 00-0016	EA	Balancing HVAC Duct System, Ceiling Height >12' Supply, Return, Exhaust, Register And Diffuser	163.51
		For Testing Of Unit Without Balancing, Deduct	*-81.76*
23 05 93 00-0017	EA	Balancing HVAC Duct System, Floor Height Supply, Return, Exhaust, Register And Diffuser	85.02
		For Testing Of Unit Without Balancing, Deduct	*-42.51*
23 05 93 00-0018	EA	Balance Variable Air Volume Box	92.12
		For Testing Of Unit Without Balancing, Deduct	*-46.06*
23 05 93 00-0019	EA	Balance Constant Volume Box	92.12
		For Testing Of Unit Without Balancing, Deduct	*-46.06*
23 05 93 00-0020	EA	Balance Fan Powered Box	104.64
		For Testing Of Unit Without Balancing, Deduct	*-52.32*
23 05 93 00-0021	EA	Balance Lab Fume Hood	425.14
		For Testing Of Unit Without Balancing, Deduct	*-212.57*
23 05 93 00-0022	EA	Balance General Hood	327.02
		For Testing Of Unit Without Balancing, Deduct	*-163.51*
23 05 93 00-0023	EA	Balance Induction Unit	196.22
		For Testing Of Unit Without Balancing, Deduct	*-98.11*
23 05 93 00-0024	EA	Balance Moduline - Master	78.47
		For Testing Of Unit Without Balancing, Deduct	*-39.24*
23 05 93 00-0025	EA	Balance Moduline - Slave	39.24
		For Testing Of Unit Without Balancing, Deduct	*-19.62*
23 05 93 00-0026	EA	Balance Dampers	36.44
		For Testing Of Unit Without Balancing, Deduct	*-18.22*
23 05 93 00-0027	EA	Balance Regenerators	522.40
		For Testing Of Unit Without Balancing, Deduct	*-261.20*

23 05 93 00-0028 Water Balancing Of Components *(23 05 93)*

23 05 93 00-0029	EA	Water Balance, Air-Cool Condenser	605.88
		For Testing Of Unit Without Balancing, Deduct	*-302.94*
23 05 93 00-0030	EA	Water Balance, Cabinet Heater	77.11
		For Testing Of Unit Without Balancing, Deduct	*-38.56*
23 05 93 00-0031	EA	Water Balance, Chiller, Air-Cooled	660.84
		For Testing Of Unit Without Balancing, Deduct	*-330.42*
23 05 93 00-0032	EA	Water Balance, Chiller, Water Cooled	881.19
		For Testing Of Unit Without Balancing, Deduct	*-440.60*
23 05 93 00-0033	EA	Water Balance, Cooling Tower	440.60
		For Testing Of Unit Without Balancing, Deduct	*-220.30*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 93 00-0034	EA	Water Balance, Fan Coil And Vent	110.22	
		For Testing Of Unit Without Balancing, Deduct	*-55.11*	
23 05 93 00-0035	EA	Water Balance, Fin Tube And Radiant Panel	110.15	
		For Testing Of Unit Without Balancing, Deduct	*-55.08*	
23 05 93 00-0036	EA	Water Balance, Main And Duct Re-Heat Coil	121.16	
		For Testing Of Unit Without Balancing, Deduct	*-60.58*	
23 05 93 00-0037	EA	Water Balance, Pumps	330.46	
		For Testing Of Unit Without Balancing, Deduct	*-165.23*	
23 05 93 00-0038	EA	Water Balance, Unit Heater	77.11	
		For Testing Of Unit Without Balancing, Deduct	*-38.56*	
23 05 93 00-0039	EA	Water Balancing, Converter	330.58	
		For Testing Of Unit Without Balancing, Deduct	*-165.29*	
23 05 93 00-0040	EA	Water Balancing, Cocks And Valves	55.06	
		For Testing Of Unit Without Balancing, Deduct	*-27.53*	
23 05 93 00-0041	EA	Water Balance, Convector	66.08	
		For Testing Of Unit Without Balancing, Deduct	*-33.04*	
23 05 93 00-0042	EA	Water Balancing, Backflow Preventer Or Reduced Pressure Zone Valves	82.61	
		For Testing Of Unit Without Balancing, Deduct	*-41.31*	
23 05 93 00-0043	EA	Water Balance, Boiler, Up To 500 MBH	715.97	
		For Testing Of Unit Without Balancing, Deduct	*-357.99*	
23 05 93 00-0044	EA	>500 To 1,000 MBH, Water Balance, Boiler	1,321.80	
		For Testing Of Unit Without Balancing, Deduct	*-660.90*	
23 05 93 00-0045	EA	>1,000 MBH, Water Balance, Boiler	2,423.28	
		For Testing Of Unit Without Balancing, Deduct	*-1,211.64*	

23 05 93 00-0046 Non-Destructive Testing *(23 05 93)*

23 05 93 00-0047 X-Ray Welds, Non-Destructive Testing *(23 05 93 00-0046)*

23 05 93 00-0048 Minimum Charge For X-Ray Welds *(23 05 93 00-0047)*

23 05 93 00-0049	EA	X-Ray Welds Minimum Set-Up Charge Note: For projects where the total charges are less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	917.56

23 05 93 00-0050 Piping, X-Ray Welds, Non-Destructive Testing *(23 05 93 00-0047)*

23 05 93 00-0051	EA	Up To 3/4" Piping, X-Ray Welds, Non-Destructive Testing	91.49
23 05 93 00-0052	EA	1" Piping, X-Ray Welds, Non-Destructive Testing	104.09
23 05 93 00-0053	EA	1-1/4" - 1-1/2" Piping, X-Ray Welds, Non-Destructive Testing	116.70
23 05 93 00-0054	EA	2" Piping, X-Ray Welds, Non-Destructive Testing	123.33
23 05 93 00-0055	EA	3" Piping, X-Ray Welds, Non-Destructive Testing	129.95
23 05 93 00-0056	EA	4" Piping, X-Ray Welds, Non-Destructive Testing	137.22
23 05 93 00-0057	EA	6" Piping, X-Ray Welds, Non-Destructive Testing	150.48
23 05 93 00-0058	EA	8" Piping, X-Ray Welds, Non-Destructive Testing	163.73
23 05 93 00-0059	EA	10" Piping, X-Ray Welds, Non-Destructive Testing	171.00
23 05 93 00-0060	EA	12" Piping, X-Ray Welds, Non-Destructive Testing	180.95

23 05 93 00-0061 Liquid Penetration Of Welds, Non-Destructive Testing *(23 05 93 00-0046)*

23 05 93 00-0062 Piping, Liquid Penetration Of Welds, Non-Destructive Testing *(23 05 93 00-0061)*

23 05 93 00-0063	EA	Up To 3/4" Piping, Liquid Penetration Of Welds, Non-Destructive Testing	77.95
23 05 93 00-0064	EA	1" Piping, Liquid Penetration Of Welds, Non-Destructive Testing	83.93
23 05 93 00-0065	EA	1-1/4" - 1-1/2" Piping, Liquid Penetration Of Welds, Non-Destructive Testing	89.91
23 05 93 00-0066	EA	2" Piping, Liquid Penetration Of Welds, Non-Destructive Testing	92.90
23 05 93 00-0067	EA	3" Piping, Liquid Penetration Of Welds, Non-Destructive Testing	97.39
23 05 93 00-0068	EA	4" Piping, Liquid Penetration Of Welds, Non-Destructive Testing	101.87
23 05 93 00-0069	EA	6" Piping, Liquid Penetration Of Welds, Non-Destructive Testing	110.84
23 05 93 00-0070	EA	8" Piping, Liquid Penetration Of Welds, Non-Destructive Testing	119.81
23 05 93 00-0071	EA	10" Piping, Liquid Penetration Of Welds, Non-Destructive Testing	128.79
23 05 93 00-0072	EA	12" Piping, Liquid Penetration Of Welds, Non-Destructive Testing	137.75

23 05 93 00-0073 Hydrostatic Testing *(23 05 93 00-0046)*

Note: Includes flushing and restoring of system.

23 05 93 00-0074 Piping, Hydrostatic Testing *(23 05 93 00-0073)*

23 05 93 00-0075	EA	Up To 100', Up To 1-1/2" Piping, Hydrostatic Testing	786.86
23 05 93 00-0076	EA	>100' To 250', Up To 1-1/2" Piping, Hydrostatic Testing	1,124.08
23 05 93 00-0077	EA	>250' To 500', Up To 1-1/2" Piping, Hydrostatic Testing	1,346.87
23 05 93 00-0078	EA	>500' To 1,000', Up To 1-1/2" Piping, Hydrostatic Testing	1,794.04
23 05 93 00-0079	EA	>1,000' To 2,000', Up To 1-1/2" Piping, Hydrostatic Testing	2,718.23
23 05 93 00-0080	EA	Up To 100', >1-1/2" To 4" Piping, Hydrostatic Testing	1,046.21
23 05 93 00-0081	EA	>100' To 250', >1-1/2" To 4" Piping, Hydrostatic Testing	1,495.02
23 05 93 00-0082	EA	>250' To 500', >1-1/2" To 4" Piping, Hydrostatic Testing	1,779.79
23 05 93 00-0083	EA	>500' To 1,000', >1-1/2" To 4" Piping, Hydrostatic Testing	2,332.22
23 05 93 00-0084	EA	>1,000' To 2,000', >1-1/2" To 4" Piping, Hydrostatic Testing	3,528.25
23 05 93 00-0085	EA	Up To 100', >4" To 10" Piping, Hydrostatic Testing	1,363.46
23 05 93 00-0086	EA	>100' To 250', >4" To 10" Piping, Hydrostatic Testing	1,943.54
23 05 93 00-0087	EA	>250' To 500', >4" To 10" Piping, Hydrostatic Testing	2,050.51
23 05 93 00-0088	EA	>500' To 1,000', >4" To 10" Piping, Hydrostatic Testing	2,686.33
23 05 93 00-0089	EA	>1,000' To 2,000', >4" To 10" Piping, Hydrostatic Testing	4,063.91

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 93 00-0090	EA	Up To 100', >10" To 14" Piping, Hydrostatic Testing	1,770.12	
23 05 93 00-0091	EA	>100' To 250', >10" To 14" Piping, Hydrostatic Testing	2,523.60	
23 05 93 00-0092	EA	>250' To 500', >10" To 14" Piping, Hydrostatic Testing	2,666.19	
23 05 93 00-0093	EA	>500' To 1,000', >10" To 14" Piping, Hydrostatic Testing	3,496.99	
23 05 93 00-0094	EA	>1,000' To 2,000', >10" To 14" Piping, Hydrostatic Testing	5,298.48	
23 05 93 00-0095		Pneumatic Testing *(23 05 93 00-0046)*		
		Note: Includes soaping joints flushing and restoring of system. Can be used for gas or smoke test.		
23 05 93 00-0096		Piping, Pneumatic Testing With Inert Gas *(23 05 93 00-0095)*		
23 05 93 00-0097	EA	Up To 100', Up To 1-1/2" Piping, Pneumatic Testing	894.14	
		Note: Includes soaping joints.		
23 05 93 00-0098	EA	>100' To 250', Up To 1-1/2" Piping, Pneumatic Testing	1,276.21	
		Note: Includes soaping joints.		
23 05 93 00-0099	EA	>250' To 500', Up To 1-1/2" Piping, Pneumatic Testing	1,378.03	
		Note: Includes soaping joints.		
23 05 93 00-0100	EA	>500' To 1,000', Up To 1-1/2" Piping, Pneumatic Testing	1,764.18	
		Note: Includes soaping joints.		
23 05 93 00-0101	EA	>1,000' To 2,000', Up To 1-1/2" Piping, Pneumatic Testing	2,758.43	
		Note: Includes soaping joints.		
23 05 93 00-0102	EA	Up To 100', >1-1/2" To 4" Piping, Pneumatic Testing	1,166.77	
		Note: Includes soaping joints.		
23 05 93 00-0103	EA	>100' To 250', >1-1/2" To 4" Piping, Pneumatic Testing	1,657.22	
		Note: Includes soaping joints.		
23 05 93 00-0104	EA	>250' To 500', >1-1/2" To 4" Piping, Pneumatic Testing	1,791.38	
		Note: Includes soaping joints.		
23 05 93 00-0105	EA	>500' To 1,000', >1-1/2" To 4" Piping, Pneumatic Testing	2,294.03	
		Note: Includes soaping joints.		
23 05 93 00-0106	EA	>1,000' To 2,000', >1-1/2" To 4" Piping, Pneumatic Testing	3,585.70	
		Note: Includes soaping joints.		
23 05 93 00-0107	EA	Up To 100', >4" To 10" Piping, Pneumatic Testing	1,405.18	
		Note: Includes soaping joints.		
23 05 93 00-0108	EA	>100' To 250', >4" To 10" Piping, Pneumatic Testing	1,983.56	
		Note: Includes soaping joints.		
23 05 93 00-0109	EA	>250' To 500', >4" To 10" Piping, Pneumatic Testing	2,243.00	
		Note: Includes soaping joints.		
23 05 93 00-0110	EA	>500' To 1,000', >4" To 10" Piping, Pneumatic Testing	2,864.67	
		Note: Includes soaping joints.		
23 05 93 00-0111	EA	>1,000' To 2,000', >4" To 10" Piping, Pneumatic Testing	4,484.22	
		Note: Includes soaping joints.		
23 05 93 00-0112	EA	Up To 100', >10" To 14" Piping, Pneumatic Testing	1,829.57	
		Note: Includes soaping joints.		
23 05 93 00-0113	EA	>100' To 250', >10" To 14" Piping, Pneumatic Testing	2,578.71	
		Note: Includes soaping joints.		
23 05 93 00-0114	EA	>250' To 500', >10" To 14" Piping, Pneumatic Testing	2,916.60	
		Note: Includes soaping joints.		
23 05 93 00-0115	EA	>500' To 1,000', >10" To 14" Piping, Pneumatic Testing	3,724.44	
		Note: Includes soaping joints.		
23 05 93 00-0116	EA	>1,000' To 2,000', >10" To 14" Piping, Pneumatic Testing	5,838.16	
		Note: Includes soaping joints.		
23 05 93 00-0117		EPA Testing Of Sludge *(23 05 93)*		
23 05 93 00-0118	EA	Flashpoint And Lead Test For Lead	1,058.15	
23 05 93 00-0119	EA	Air Test/Combustion Gas Level	103.04	
23 05 93 00-0120	EA	Toxicity Test For Heavy Metals	1,624.70	
23 05 93 00-0121	EA	Aboveground Tank Water Settlement Test Including Water	1,231.95	

23 07 HVAC Insulation *(23)*

23 07 13 Duct Insulation *(23 07)*

Note: Based on SF surface area of duct to receive insulation.

23 07 13 00-0001		FSK Fiber Glass Duct Wrap Insulation *(23 07 13)*		
		Note: Foil-scrim kraft (FSK) facing lapped and joints sealed vapor tight.		
23 07 13 00-0002		Type 75, 0.75 Lb./CF, FSK Fiber Glass Duct Wrap Insulation *(23 07 13 00-0001)*		
23 07 13 00-0003	SF	1-1/2" Thick, Type 75, 0.75 Lb./CF, FSK Fiber Glass Duct Wrap Insulation	4.74	2.30
23 07 13 00-0004	SF	2" Thick, Type 75, 0.75 Lb./CF, FSK Fiber Glass Duct Wrap Insulation	5.36	3.44
23 07 13 00-0005	SF	3" Thick, Type 75, 0.75 Lb./CF, FSK Fiber Glass Duct Wrap Insulation	6.35	4.02
		For Plain Blanket, With No Facing, Deduct	*-0.62*	
		For Work In Restricted Working Space, Add	*1.44*	
23 07 13 00-0006	SF	4" Thick, Type 75, 0.75 Lb./CF, FSK Fiber Glass Duct Wrap Insulation	7.63	4.36
		For Plain Blanket, With No Facing, Deduct	*-0.98*	
		For Work In Restricted Working Space, Add	*1.55*	
23 07 13 00-0007		Type 100, 1.0 Lb./CF, FSK Fiber Glass Duct Wrap Insulation *(23 07 13 00-0001)*		
23 07 13 00-0008	SF	1" Thick, Type 100, 1.0 Lb./CF, FSK Fiber Glass Duct Wrap Insulation	4.99	3.44
23 07 13 00-0009	SF	1-1/2" Thick, Type 100, 1.0 Lb./CF, FSK Fiber Glass Duct Wrap Insulation	5.82	4.02
23 07 13 00-0010	SF	2" Thick, Type 100, 1.0 Lb./CF, Fiber Glass FSK Duct Wrap Insulation	6.88	4.59

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 07 13 00-0011		Type 150, 1.5 Lb./CF, FSK Fiber Glass Duct Wrap Insulation *(23 07 13 00-0001)*		
23 07 13 00-0012	SF	1" Thick, Type 150, 1.5 Lb./CF, FSK Fiber Glass Duct Wrap Insulation	6.57	4.59
23 07 13 00-0013	SF	1-1/2" Thick, Type 150, 1.5 Lb./CF, FSK Fiber Glass Duct Wrap Insulation	8.68	5.17
23 07 13 00-0014	SF	2" Thick, Type 150, 1.5 Lb./CF, FSK Fiber Glass Duct Wrap Insulation	10.14	5.74
23 07 13 00-0015		3 Lb./CF, FSK Rigid Fiber Glass Board Insulation *(23 07 13)*		
		Note: Foil-scrim kraft (FSK) facing, sealed vapor tight and attached to ducts with mechanical fasteners.		
23 07 13 00-0016	SF	1" Thick, 3 Lb./CF, FSK Rigid Fiber Glass Board Insulation	10.94	6.42
		For Non-Metallic Weatherproof Paste, 2 Lb., Add	*15.30*	
		For Finishing Cement 1/2" Thick Over 1" Wire Mesh, Add	*18.58*	
		For 8 Oz Canvas On Duct, Applied Over Deadening Felt And Finished, Add	*24.98*	
23 07 13 00-0017	SF	1-1/2" Thick, 3 Lb./CF, FSK Rigid Fiber Glass Board Insulation	14.15	7.80
		For Non-Metallic Weatherproof Paste, 2 Lb., Add	*19.21*	
		For Finishing Cement 1/2" Thick Over 1" Wire Mesh, Add	*23.45*	
		For 8 Oz Canvas On Duct, Applied Over Deadening Felt And Finished, Add	*30.99*	
23 07 13 00-0018	SF	2" Thick, 3 Lb./CF, FSK Rigid Fiber Glass Board Insulation	17.71	9.42
		For Non-Metallic Weatherproof Paste, 2 Lb., Add	*23.62*	
		For Finishing Cement 1/2" Thick Over 1" Wire Mesh, Add	*28.93*	
		For 8 Oz Canvas On Duct, Applied Over Deadening Felt And Finished, Add	*37.83*	
23 07 13 00-0019		4.253 Lb./CF, FSK Rigid Fiber Glass Board Insulation *(23 07 13)*		
		Note: Foil-scrim kraft (FSK) facing, sealed vapor tight and attached to ducts with mechanical fastener.		
23 07 13 00-0020	SF	1" Thick, 4.253 Lb./CF, FSK Rigid Fiber Glass Board Insulation	12.32	7.06
23 07 13 00-0021	SF	1-1/2" Thick, 4.253 Lb./CF, FSK Rigid Fiber Glass Board Insulation	16.12	8.59
23 07 13 00-0022	SF	2" Thick, 4.253 Lb./CF, FSK Rigid Fiber Glass Board Insulation	20.81	10.37
23 07 13 00-0023		Sheet Flexible Elastomeric Insulation *(23 07 13)*		
23 07 13 00-0024	SF	3/8" Thick, Sheet Flexible Elastomeric Insulation	9.44	3.10
23 07 13 00-0025	SF	1/2" Thick, Sheet Flexible Elastomeric Insulation	10.09	3.27
23 07 13 00-0026	SF	3/4" Thick, Sheet Flexible Elastomeric Insulation	13.29	3.44
23 07 13 00-0027	SF	1" Thick, Sheet Flexible Elastomeric Insulation	15.33	3.61
23 07 13 00-0028	SF	1-1/2" Thick, Sheet Flexible Elastomeric Insulation	21.28	3.96
23 07 13 00-0029	SF	2" Thick, Sheet Flexible Elastomeric Insulation	25.18	4.30
23 07 13 00-0030		Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation *(23 07 13)*		
		Note: Jacketing is a 3-ply laminate consisting of a PVC core, 0.012" thick aluminum foil jacketing and UV-protective Mylar film.		
23 07 13 00-0031	SF	1/2" Thick, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	14.04	3.27
23 07 13 00-0032	SF	3/4" Thick, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	15.46	3.44
23 07 13 00-0033	SF	1" Thick, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	17.23	3.61
23 07 13 00-0034	SF	1-1/2" Thick, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	26.97	3.96
23 07 13 00-0035	SF	2" Thick, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	31.98	4.30
23 07 13 00-0036		Adhesive Backed, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation *(23 07 13)*		
		Note: Jacketing is a 3-ply laminate consisting of a PVC core, 0.012" thick aluminum foil jacketing and UV-protective Mylar film.		
23 07 13 00-0037	SF	1/2" Thick, Adhesive Backed, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	16.86	3.27
23 07 13 00-0038	SF	3/4" Thick, Adhesive Backed, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	18.27	3.44
23 07 13 00-0039	SF	1" Thick, Adhesive Backed, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	20.54	3.61
23 07 13 00-0040	SF	1-1/2" Thick, Adhesive Backed, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	30.24	3.96
23 07 16		**HVAC Equipment Insulation** *(23 07)*		
23 07 16 00-0001		Calcium Silicate Block Insulation *(23 07 16)*		
23 07 16 00-0002	SF	1" Thick, Calcium Silicate Block Insulation	19.38	7.71
		For Work In Restricted Working Space, Add	*4.63*	
23 07 16 00-0003	SF	1-1/2" Thick, Calcium Silicate Block Insulation	23.29	8.68
		For Work In Restricted Working Space, Add	*5.21*	
23 07 16 00-0004	SF	2" Thick, Calcium Silicate Block Insulation	28.00	10.00
23 07 16 00-0005	SF	2-1/2" Thick, Calcium Silicate Block Insulation	33.40	11.75
		For Work In Restricted Working Space, Add	*7.05*	
23 07 16 00-0006	SF	3" Thick, Calcium Silicate Block Insulation	40.80	14.46
		For Work In Restricted Working Space, Add	*8.67*	
23 07 19		**HVAC Piping Insulation** *(23 07)*		
		See CSI section 22 07 19 00-0000 for pipe insulation.		
23 07 19 00-0001		Calcium Silicate Pipe Insulation *(23 07 19)*		
		Note: Includes adhesive. Excludes fittings (a location requiring purchase of an insulation fitting or cutting and fitting straight sections, excludes couplings, plugs, etc.). For fittings/valves up to 3" add 2 LF for each fitting/valve or 3 LF for each flanged/grooved joint. For fittings/valves >3" add 3 LF for each fitting/valve or 4 LF for each flanged/grooved joint. See CSI section 22 07 19 00-0398 for protective jacketing.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 07 19 00-0002		**1" Thick, Calcium Silicate Pipe Insulation** *(23 07 19 00-0001)*		
23 07 19 00-0003	LF	1/2" Diameter Pipe, 1" Thick Calcium Silicate Insulation	13.10	3.77
		For Work In Restricted Working Space, Add	*2.83*	
23 07 19 00-0004	LF	3/4" Diameter Pipe, 1" Thick Calcium Silicate Insulation	13.10	3.77
		For Work In Restricted Working Space, Add	*2.83*	
23 07 19 00-0005	LF	1" Diameter Pipe, 1" Thick Calcium Silicate Insulation	13.08	3.83
		For Work In Restricted Working Space, Add	*2.87*	
23 07 19 00-0006	LF	1-1/4" Diameter Pipe, 1" Thick Calcium Silicate Insulation	13.27	3.88
		For Work In Restricted Working Space, Add	*2.91*	
23 07 19 00-0007	LF	1-1/2" Diameter Pipe, 1" Thick Calcium Silicate Insulation	13.44	3.94
		For Work In Restricted Working Space, Add	*2.95*	
23 07 19 00-0008	LF	2" Diameter Pipe, 1" Thick Calcium Silicate Insulation	14.26	4.05
		For Work In Restricted Working Space, Add	*3.03*	
23 07 19 00-0009	LF	2-1/2" Diameter Pipe, 1" Thick Calcium Silicate Insulation	14.91	4.21
		For Work In Restricted Working Space, Add	*3.16*	
23 07 19 00-0010	LF	3" Diameter Pipe, 1" Thick Calcium Silicate Insulation	15.51	4.32
		For Work In Restricted Working Space, Add	*3.24*	
23 07 19 00-0011	LF	4" Diameter Pipe, 1" Thick Calcium Silicate Insulation	17.51	4.64
		For Work In Restricted Working Space, Add	*3.48*	
23 07 19 00-0012	LF	6" Diameter Pipe, 1" Thick Calcium Silicate Insulation	19.55	5.24
		For Work In Restricted Working Space, Add	*3.93*	
23 07 19 00-0013		**1-1/2" Thick, Calcium Silicate Pipe Insulation** *(23 07 19 00-0001)*		
23 07 19 00-0014	LF	1/2" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	13.70	3.93
		For Work In Restricted Working Space, Add	*2.95*	
23 07 19 00-0015	LF	3/4" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	13.76	3.93
		For Work In Restricted Working Space, Add	*2.95*	
23 07 19 00-0016	LF	1" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	14.71	4.16
		For Work In Restricted Working Space, Add	*3.12*	
23 07 19 00-0017	LF	1-1/4" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	15.23	4.24
		For Work In Restricted Working Space, Add	*3.18*	
23 07 19 00-0018	LF	1-1/2" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	15.76	4.32
		For Work In Restricted Working Space, Add	*3.24*	
23 07 19 00-0019	LF	2" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	16.88	4.56
		For Work In Restricted Working Space, Add	*3.42*	
23 07 19 00-0020	LF	2-1/2" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	17.57	4.63
		For Work In Restricted Working Space, Add	*3.48*	
23 07 19 00-0021	LF	3" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	18.23	4.79
		For Work In Restricted Working Space, Add	*3.59*	
23 07 19 00-0022	LF	4" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	20.20	5.19
		For Work In Restricted Working Space, Add	*3.89*	
23 07 19 00-0023	LF	6" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	23.44	6.05
		For Work In Restricted Working Space, Add	*4.54*	
23 07 19 00-0024	LF	8" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	26.99	6.38
		For Work In Restricted Working Space, Add	*4.79*	
23 07 19 00-0025	LF	10" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	33.70	7.64
		For Work In Restricted Working Space, Add	*5.73*	
23 07 19 00-0026	LF	12" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	39.57	8.90
		For Work In Restricted Working Space, Add	*6.68*	
23 07 19 00-0027	LF	14" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	43.96	9.76
		For Work In Restricted Working Space, Add	*7.32*	
23 07 19 00-0028	LF	16" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	52.96	12.42
		For Work In Restricted Working Space, Add	*9.31*	
23 07 19 00-0029	LF	18" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	56.81	13.04
		For Work In Restricted Working Space, Add	*9.77*	
23 07 19 00-0030		**2" Thick, Calcium Silicate Pipe Insulation** *(23 07 19 00-0001)*		
23 07 19 00-0031	LF	1/2" Diameter Pipe, 2" Thick Calcium Silicate Insulation	16.91	4.32
		For Work In Restricted Working Space, Add	*3.24*	
23 07 19 00-0032	LF	3/4" Diameter Pipe, 2" Thick Calcium Silicate Insulation	17.24	4.32
		For Work In Restricted Working Space, Add	*3.24*	
23 07 19 00-0033	LF	1" Diameter Pipe, 2" Thick Calcium Silicate Insulation	17.73	4.37
		For Work In Restricted Working Space, Add	*3.28*	
23 07 19 00-0034	LF	1-1/4" Diameter Pipe, 2" Thick Calcium Silicate Insulation	18.36	4.43
		For Work In Restricted Working Space, Add	*3.32*	
23 07 19 00-0035	LF	1-1/2" Diameter Pipe, 2" Thick Calcium Silicate Insulation	18.80	4.48
		For Work In Restricted Working Space, Add	*3.36*	
23 07 19 00-0036	LF	2" Diameter Pipe, 2" Thick Calcium Silicate Insulation	19.59	4.64
		For Work In Restricted Working Space, Add	*3.48*	
23 07 19 00-0037	LF	2-1/2" Diameter Pipe, 2" Thick Calcium Silicate Insulation	21.62	4.81
		For Work In Restricted Working Space, Add	*3.61*	
23 07 19 00-0038	LF	3" Diameter Pipe, 2" Thick Calcium Silicate Insulation	22.07	4.97
		For Work In Restricted Working Space, Add	*3.73*	
23 07 19 00-0039	LF	4" Diameter Pipe, 2" Thick Calcium Silicate Insulation	24.25	5.25
		For Work In Restricted Working Space, Add	*3.93*	
23 07 19 00-0040	LF	6" Diameter Pipe, 2" Thick Calcium Silicate Insulation	29.62	6.29
		For Work In Restricted Working Space, Add	*4.72*	
23 07 19 00-0041	LF	8" Diameter Pipe, 2" Thick Calcium Silicate Insulation	33.15	6.65
		For Work In Restricted Working Space, Add	*4.98*	
23 07 19 00-0042	LF	10" Diameter Pipe, 2" Thick Calcium Silicate Insulation	40.67	7.95
		For Work In Restricted Working Space, Add	*5.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 07 19 00-0043	LF	12" Diameter Pipe, 2" Thick Calcium Silicate Insulation	46.90	9.52
		For Work In Restricted Working Space, Add	*7.14*	
23 07 19 00-0044	LF	14" Diameter Pipe, 2" Thick Calcium Silicate Insulation	58.61	13.28
		For Work In Restricted Working Space, Add	*9.96*	
23 07 19 00-0045	LF	16" Diameter Pipe, 2" Thick Calcium Silicate Insulation	61.20	13.28
		For Work In Restricted Working Space, Add	*9.96*	
23 07 19 00-0046	LF	18" Diameter Pipe, 2" Thick Calcium Silicate Insulation	65.40	13.95
		For Work In Restricted Working Space, Add	*10.46*	
23 07 19 00-0047	LF	20" Diameter Pipe, 2" Thick Calcium Silicate Insulation	77.47	15.94
		For Work In Restricted Working Space, Add	*11.96*	
23 07 19 00-0048	LF	24" Diameter Pipe, 2" Thick Calcium Silicate Insulation	90.71	19.26
		For Work In Restricted Working Space, Add	*14.45*	

23 07 19 00-0049 2-1/2" Thick, Calcium Silicate Pipe Insulation *(23 07 19 00-0001)*

23 07 19 00-0050	LF	1/2" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	20.14	4.98
		For Work In Restricted Working Space, Add	*3.74*	
23 07 19 00-0051	LF	3/4" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	20.49	4.98
		For Work In Restricted Working Space, Add	*3.74*	
23 07 19 00-0052	LF	1" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	20.85	5.05
		For Work In Restricted Working Space, Add	*3.80*	
23 07 19 00-0053	LF	1-1/4" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	21.03	5.10
		For Work In Restricted Working Space, Add	*3.82*	
23 07 19 00-0054	LF	1-1/2" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	21.51	5.14
		For Work In Restricted Working Space, Add	*3.85*	
23 07 19 00-0055	LF	2" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	22.42	5.35
		For Work In Restricted Working Space, Add	*4.01*	
23 07 19 00-0056	LF	2-1/2" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	24.86	5.53
		For Work In Restricted Working Space, Add	*4.15*	
23 07 19 00-0057	LF	3" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	25.35	5.73
		For Work In Restricted Working Space, Add	*4.30*	
23 07 19 00-0058	LF	4" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	28.86	6.04
		For Work In Restricted Working Space, Add	*4.53*	
23 07 19 00-0059	LF	6" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	35.48	6.86
		For Work In Restricted Working Space, Add	*5.15*	
23 07 19 00-0060	LF	8" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	40.35	7.65
		For Work In Restricted Working Space, Add	*5.74*	
23 07 19 00-0061	LF	10" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	47.97	8.82
		For Work In Restricted Working Space, Add	*6.62*	
23 07 19 00-0062	LF	12" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	56.32	10.97
		For Work In Restricted Working Space, Add	*8.22*	
23 07 19 00-0063	LF	14" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	62.19	11.97
		For Work In Restricted Working Space, Add	*8.98*	
23 07 19 00-0064	LF	16" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	76.04	15.30
		For Work In Restricted Working Space, Add	*11.47*	
23 07 19 00-0065	LF	18" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	80.24	16.06
		For Work In Restricted Working Space, Add	*12.05*	
23 07 19 00-0066	LF	20" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	92.89	18.36
		For Work In Restricted Working Space, Add	*13.77*	
23 07 19 00-0067	LF	24" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	109.57	22.18
		For Work In Restricted Working Space, Add	*16.64*	

23 07 19 00-0068 3" Thick, Calcium Silicate Pipe Insulation *(23 07 19 00-0001)*

23 07 19 00-0069	LF	1/2" Diameter Pipe, 3" Thick Calcium Silicate Insulation	24.87	5.51
		For Work In Restricted Working Space, Add	*4.13*	
23 07 19 00-0070	LF	3/4" Diameter Pipe, 3" Thick Calcium Silicate Insulation	24.95	5.51
		For Work In Restricted Working Space, Add	*4.13*	
23 07 19 00-0071	LF	1" Diameter Pipe, 3" Thick Calcium Silicate Insulation	25.17	5.57
		For Work In Restricted Working Space, Add	*4.18*	
23 07 19 00-0072	LF	1-1/4" Diameter Pipe, 3" Thick Calcium Silicate Insulation	25.42	5.61
		For Work In Restricted Working Space, Add	*4.20*	
23 07 19 00-0073	LF	1-1/2" Diameter Pipe, 3" Thick Calcium Silicate Insulation	25.66	5.67
		For Work In Restricted Working Space, Add	*4.25*	
23 07 19 00-0074	LF	2" Diameter Pipe, 3" Thick Calcium Silicate Insulation	26.55	5.87
		For Work In Restricted Working Space, Add	*4.41*	
23 07 19 00-0075	LF	2-1/2" Diameter Pipe, 3" Thick Calcium Silicate Insulation	29.15	6.08
		For Work In Restricted Working Space, Add	*4.56*	
23 07 19 00-0076	LF	3" Diameter Pipe, 3" Thick Calcium Silicate Insulation	29.80	6.29
		For Work In Restricted Working Space, Add	*4.72*	
23 07 19 00-0077	LF	4" Diameter Pipe, 3" Thick Calcium Silicate Insulation	34.58	6.65
		For Work In Restricted Working Space, Add	*4.98*	
23 07 19 00-0078	LF	6" Diameter Pipe, 3" Thick Calcium Silicate Insulation	40.79	7.54
		For Work In Restricted Working Space, Add	*5.66*	
23 07 19 00-0079	LF	8" Diameter Pipe, 3" Thick Calcium Silicate Insulation	47.13	8.41
		For Work In Restricted Working Space, Add	*6.31*	
23 07 19 00-0080	LF	10" Diameter Pipe, 3" Thick Calcium Silicate Insulation	55.78	9.71
		For Work In Restricted Working Space, Add	*7.28*	
23 07 19 00-0081	LF	12" Diameter Pipe, 3" Thick Calcium Silicate Insulation	65.03	12.06
		For Work In Restricted Working Space, Add	*9.05*	
23 07 19 00-0082	LF	14" Diameter Pipe, 3" Thick Calcium Silicate Insulation	72.03	13.17
		For Work In Restricted Working Space, Add	*9.88*	
23 07 19 00-0083	LF	16" Diameter Pipe, 3" Thick Calcium Silicate Insulation	85.28	16.83
		For Work In Restricted Working Space, Add	*12.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 07 19 00-0084	LF	18" Diameter Pipe, 3" Thick Calcium Silicate Insulation	91.61	17.67
		For Work In Restricted Working Space, Add	*13.25*	
23 07 19 00-0085	LF	20" Diameter Pipe, 3" Thick Calcium Silicate Insulation	106.95	20.21
		For Work In Restricted Working Space, Add	*15.16*	
23 07 19 00-0086	LF	24" Diameter Pipe, 3" Thick Calcium Silicate Insulation	126.85	24.41
		For Work In Restricted Working Space, Add	*18.30*	

23 07 19 00-0087 3-1/2" Thick, Calcium Silicate Pipe Insulation *(23 07 19 00-0001)*

23 07 19 00-0088	LF	1/2" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	31.00	6.04
		For Work In Restricted Working Space, Add	*4.53*	
23 07 19 00-0089	LF	3/4" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	32.01	6.04
		For Work In Restricted Working Space, Add	*4.53*	
23 07 19 00-0090	LF	1" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	32.11	6.08
		For Work In Restricted Working Space, Add	*4.56*	
23 07 19 00-0091	LF	1-1/4" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	32.21	6.11
		For Work In Restricted Working Space, Add	*4.59*	
23 07 19 00-0092	LF	1-1/2" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	33.14	6.19
		For Work In Restricted Working Space, Add	*4.65*	
23 07 19 00-0093	LF	2" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	35.04	6.40
		For Work In Restricted Working Space, Add	*4.80*	
23 07 19 00-0094	LF	2-1/2" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	37.83	6.63
		For Work In Restricted Working Space, Add	*4.97*	
23 07 19 00-0095	LF	3" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	39.17	6.87
		For Work In Restricted Working Space, Add	*5.15*	
23 07 19 00-0096	LF	4" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	44.23	7.25
		For Work In Restricted Working Space, Add	*5.44*	
23 07 19 00-0097	LF	6" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	49.44	8.24
		For Work In Restricted Working Space, Add	*6.17*	
23 07 19 00-0098	LF	8" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	59.61	9.17
		For Work In Restricted Working Space, Add	*6.88*	
23 07 19 00-0099	LF	10" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	72.04	10.58
		For Work In Restricted Working Space, Add	*7.94*	
23 07 19 00-0100	LF	12" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	87.47	13.16
		For Work In Restricted Working Space, Add	*9.87*	
23 07 19 00-0101	LF	14" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	92.49	14.37
		For Work In Restricted Working Space, Add	*10.77*	
23 07 19 00-0102	LF	16" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	108.98	18.36
		For Work In Restricted Working Space, Add	*13.77*	
23 07 19 00-0103	LF	18" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	123.92	19.27
		For Work In Restricted Working Space, Add	*14.46*	
23 07 19 00-0104	LF	20" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	134.60	22.05
		For Work In Restricted Working Space, Add	*16.54*	

23 07 19 00-0105 4" Thick, Calcium Silicate Pipe Insulation *(23 07 19 00-0001)*

23 07 19 00-0106	LF	1/2" Diameter Pipe, 4" Thick Calcium Silicate Insulation	38.14	6.71
		For Work In Restricted Working Space, Add	*5.03*	
23 07 19 00-0107	LF	3/4" Diameter Pipe, 4" Thick Calcium Silicate Insulation	38.17	6.71
		For Work In Restricted Working Space, Add	*5.03*	
23 07 19 00-0108	LF	1" Diameter Pipe, 4" Thick Calcium Silicate Insulation	38.46	6.82
		For Work In Restricted Working Space, Add	*5.12*	
23 07 19 00-0109	LF	1-1/4" Diameter Pipe, 4" Thick Calcium Silicate Insulation	39.44	6.90
		For Work In Restricted Working Space, Add	*5.18*	
23 07 19 00-0110	LF	1-1/2" Diameter Pipe, 4" Thick Calcium Silicate Insulation	41.63	7.12
		For Work In Restricted Working Space, Add	*5.34*	
23 07 19 00-0111	LF	2" Diameter Pipe, 4" Thick Calcium Silicate Insulation	42.55	7.34
		For Work In Restricted Working Space, Add	*5.51*	
23 07 19 00-0112	LF	2-1/2" Diameter Pipe, 4" Thick Calcium Silicate Insulation	46.07	7.45
		For Work In Restricted Working Space, Add	*5.59*	
23 07 19 00-0113	LF	3" Diameter Pipe, 4" Thick Calcium Silicate Insulation	47.44	7.72
		For Work In Restricted Working Space, Add	*5.79*	
23 07 19 00-0114	LF	4" Diameter Pipe, 4" Thick Calcium Silicate Insulation	53.43	8.16
		For Work In Restricted Working Space, Add	*6.12*	
23 07 19 00-0115	LF	6" Diameter Pipe, 4" Thick Calcium Silicate Insulation	61.68	9.25
		For Work In Restricted Working Space, Add	*6.94*	
23 07 19 00-0116	LF	8" Diameter Pipe, 4" Thick Calcium Silicate Insulation	73.00	10.32
		For Work In Restricted Working Space, Add	*7.74*	
23 07 19 00-0117	LF	10" Diameter Pipe, 4" Thick Calcium Silicate Insulation	84.09	11.92
		For Work In Restricted Working Space, Add	*8.94*	
23 07 19 00-0118	LF	12" Diameter Pipe, 4" Thick Calcium Silicate Insulation	96.61	14.80
		For Work In Restricted Working Space, Add	*11.10*	
23 07 19 00-0119	LF	14" Diameter Pipe, 4" Thick Calcium Silicate Insulation	103.06	16.17
		For Work In Restricted Working Space, Add	*12.13*	
23 07 19 00-0120	LF	16" Diameter Pipe, 4" Thick Calcium Silicate Insulation	123.10	20.67
		For Work In Restricted Working Space, Add	*15.51*	
23 07 19 00-0121	LF	18" Diameter Pipe, 4" Thick Calcium Silicate Insulation	130.68	21.67
		For Work In Restricted Working Space, Add	*16.25*	
23 07 19 00-0122	LF	20" Diameter Pipe, 4" Thick Calcium Silicate Insulation	145.20	24.80
		For Work In Restricted Working Space, Add	*18.60*	

23 07 19 00-0123 Weather-Protective Coating For Calcium Silicate Pipe Insulation *(23 07 19 00-0001)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 07 19 00-0124	SF	1/4" Thick (Two 1/8" Coats), Weatherproof Coating Over Glass Cloth Mesh (Insulkote ET)	5.99	
		For Work In Restricted Working Space, Add	*1.07*	

23 08 Commissioning of HVAC *(23)*

See CSI section 23 05 93 00-0000 for testing and balancing.

23 09 Instrumentation and Control for HVAC *(23)*

23 09 23 Direct-Digital Control System for HVAC *(23 09)*

23 09 23 11 Control Valves *(23 09 23)*

23 09 23 11-0001 Valves With Actuator *(23 09 23 11)*

23 09 23 11-0002	EA	1/2" 2-Way Bronze Globe Valve With Actuator (Belimo G215+NV24-MFT US)	842.89	15.43
23 09 23 11-0003	EA	3/4" 2-Way Bronze Globe Valve With Actuator (Belimo G220+NV24-MFT US)	869.50	20.80
23 09 23 11-0004	EA	1" 2-Way Bronze Globe Valve With Actuator (Belimo B225+NV24-MFT US)	950.55	25.18
23 09 23 11-0005	EA	1-1/4" 2-Way Bronze Globe Valve With Actuator (Belimo B232+NV24-MFT US)	1,035.26	31.89
23 09 23 11-0006	EA	1-1/2" 2-Way Bronze Globe Valve With Actuator (Belimo G240+NV24-MFT US)	1,179.04	36.80
23 09 23 11-0007	EA	2" 2-Way Bronze Globe Valve With Actuator (Belimo G250+NV24-MFT US)	1,331.67	43.49
23 09 23 11-0008	EA	2-1/2" 2-Way Bronze Globe Valve With Actuator (Belimo G665+GMX24-MFTX1)	2,487.94	86.98
23 09 23 11-0009	EA	3" 2-Way Bronze Globe Valve With Actuator (Belimo G680+GMX24-MFTX1)	2,693.73	101.78
23 09 23 11-0010	EA	4" 2-Way Bronze Globe Valve With Actuator (Belimo G6100C+GMX24-MFTX1)	3,630.48	149.50
23 09 23 11-0011	EA	5" 2-Way Bronze Globe Valve With Actuator (Belimo G6125C+GMX24-MFTX1)	5,341.93	216.06
23 09 23 11-0012	EA	6" 2-Way Bronze Globe Valve With Actuator (Belimo G6150C+GMX24-MFTX1)	5,917.03	239.21
23 09 23 11-0013	EA	1/2" 3-Way Bronze Globe Valve With Actuator (Belimo G315+NV24-MFT US)	903.84	23.15
23 09 23 11-0014	EA	3/4" 3-Way Bronze Globe Valve With Actuator (Belimo G320+NV24-MFT US)	928.35	31.20
23 09 23 11-0015	EA	1" 3-Way Bronze Globe Valve With Actuator (Belimo G325+NV24-MFT US)	1,003.93	37.77
23 09 23 11-0016	EA	1-1/4" 3-Way Bronze Globe Valve With Actuator (Belimo G332+NV24-MFT US)	1,110.22	47.85
23 09 23 11-0017	EA	1-1/2" 3-Way Bronze Globe Valve With Actuator (Belimo G340+NV24-MFT US)	1,428.86	55.20
23 09 23 11-0018	EA	2" 3-Way Bronze Globe Valve With Actuator (Belimo G350+NV24-MFT US)	1,583.24	65.24
23 09 23 11-0019	EA	2-1/2" 3-Way Bronze Globe Valve With Actuator (Belimo G765+GMX24-MFTX1)	2,789.54	130.48
23 09 23 11-0020	EA	3" 3-Way Bronze Globe Valve With Actuator (Belimo G780+GMX24-MFTX1)	3,062.04	152.68
23 09 23 11-0021	EA	4" 3-Way Bronze Globe Valve With Actuator (Belimo G7100+2*GMX24-MFTX1)	4,455.00	224.25
23 09 23 11-0022	EA	5" 3-Way Bronze Globe Valve With Actuator (Belimo G7125+2*GMX24-MFTX1)	6,462.38	324.08
23 09 23 11-0023	EA	6" 3-Way Bronze Globe Valve With Actuator (Belimo G7150+2*GMX24-MFTX1)	7,184.74	358.81
23 09 23 11-0024	EA	1/2" Two Way Brass Zone Valve With Actuator (Belimo ZONE215N-35+ZONE24NC)	140.95	15.43
23 09 23 11-0025	EA	3/4" Two Way Brass Zone Valve With Actuator (Belimo ZONE220N-50+ZONE24NC)	165.86	20.80
23 09 23 11-0026	EA	1" Two Way Brass Zone Valve With Actuator (Belimo ZONE225N-80+ZONE24NC)	209.12	25.18
23 09 23 11-0027	EA	1/2" Two Way Brass Zone Valve With Actuator (Belimo ZONE315N-35+ZONE24NC)	171.74	23.15
23 09 23 11-0028	EA	3/4" Two Way Brass Zone Valve With Actuator (Belimo ZONE320N-50+ZONE24NC)	200.08	31.20
23 09 23 11-0029	EA	1" Two Way Brass Zone Valve With Actuator (Belimo ZONE325N-80+ZONE24NC)	250.43	37.77
23 09 23 11-0030	EA	1/2" 2-Way Brass Ball Valve With Actuator (Belimo B215B+LRB24-3)	236.18	15.43
23 09 23 11-0031	EA	3/4" 2-Way Brass Ball Valve With Actuator (Belimo B220B+LRB24-3)	279.60	20.80
23 09 23 11-0032	EA	1" 2-Way Brass Ball Valve With Actuator (Belimo B225+LRB24-3)	317.80	25.18
23 09 23 11-0033	EA	1-1/4" 2-Way Brass Ball Valve With Actuator (Belimo B232+ARB24-3)	413.61	31.89
23 09 23 11-0034	EA	1-1/2" 2-Way Brass Ball Valve With Actuator (Belimo B240+ARB24-3)	427.24	36.80
23 09 23 11-0035	EA	2" 2-Way Brass Ball Valve With Actuator (Belimo B250+ARB24-3)	544.82	43.49
23 09 23 11-0036	EA	2-1/2" 2-Way Brass Ball Valve With Actuator (Belimo B265+ARB24-3)	1,171.40	86.98
23 09 23 11-0037	EA	3" 2-Way Brass Ball Valve With Actuator (Belimo B280+ARB24-3)	1,375.38	101.78
23 09 23 11-0038	EA	1/2" 3-Way Brass Ball Valve With Actuator (Belimo B315B+LRB24-3)	285.48	23.15
23 09 23 11-0039	EA	3/4" 3-Way Brass Ball Valve With Actuator (Belimo B320B+LRB24-3)	329.44	31.20
23 09 23 11-0040	EA	1" 3-Way Brass Ball Valve With Actuator (Belimo B325+LRB24-3)	425.57	37.77
23 09 23 11-0041	EA	1-1/4" 3-Way Brass Ball Valve With Actuator (Belimo B331+ARB24-3)	604.75	47.85
23 09 23 11-0042	EA	1-1/2" 3-Way Brass Ball Valve With Actuator (Belimo B341+ARB24-3)	636.77	55.20
23 09 23 11-0043	EA	2" 3-Way Brass Ball Valve With Actuator (Belimo B352+ARB24-3)	845.17	65.24
23 09 23 11-0044	EA	2" 2-Way Butterfly Valve With Actuator (Belimo F650HD+AMB24-3X1)	685.86	79.73
23 09 23 11-0045	EA	2-1/2" 2-Way Butterfly Valve With Actuator (Belimo F665HD+AMB24-3X1)	719.64	86.98
23 09 23 11-0046	EA	3" 2-Way Butterfly Valve With Actuator (Belimo F680HD+GMB24-3X1)	948.14	101.78
23 09 23 11-0047	EA	4" 2-Way Butterfly Valve With Actuator (Belimo F6100HD+2*GMB24-3X1)	1,445.17	170.86
23 09 23 11-0048	EA	5" 2-Way Butterfly Valve With Actuator (Belimo F6125HD+SY2-24)	2,930.47	216.06
23 09 23 11-0049	EA	6" 2-Way Butterfly Valve With Actuator (Belimo F6150HD+SY3-24)	3,089.87	239.21
23 09 23 11-0050	EA	8" 2-Way Butterfly Valve With Actuator (Belimo F6200HD+SY4-24)	4,211.69	273.38
23 09 23 11-0051	EA	10" 2-Way Butterfly Valve With Actuator (Belimo F6250HD+SY4-24)	5,167.47	334.89
23 09 23 11-0052	EA	12" 2-Way Butterfly Valve With Actuator (Belimo F6300HS+SY4-24)	6,387.60	405.93
23 09 23 11-0053	EA	14" 2-Way Butterfly Valve With Actuator (Belimo F6350HD+SY5-24)	7,093.47	478.40
23 09 23 11-0054	EA	16" 2-Way Butterfly Valve With Actuator (Belimo F6400HD+SY6-110)	9,398.97	526.25
23 09 23 11-0055	EA	18" 2-Way Butterfly Valve With Actuator (Belimo F6450HD+SY8-110)	11,400.31	584.62
23 09 23 11-0056	EA	2" 3-Way Butterfly Valve With Actuator (Belimo F750HD+AMB24-3X1)	1,272.05	119.60
23 09 23 11-0057	EA	2-1/2" 3-Way Butterfly Valve With Actuator (Belimo F765HD+GMB24-3X1)	1,500.22	130.48
23 09 23 11-0058	EA	3" 3-Way Butterfly Valve With Actuator (Belimo F780HD+2*GMB24-3X1)	1,853.51	152.68
23 09 23 11-0059	EA	4" 3-Way Butterfly Valve With Actuator (Belimo F7100HD+2*GMB24-3X1)	2,367.38	256.29
23 09 23 11-0060	EA	5" 3-Way Butterfly Valve With Actuator (Belimo F7125HD+SY3-24)	4,883.58	324.08
23 09 23 11-0061	EA	6" 3-Way Butterfly Valve With Actuator (Belimo F7150HD+SY3-24)	5,052.14	358.81
23 09 23 11-0062	EA	8" 3-Way Butterfly Valve With Actuator (Belimo F7200HD+SY4-24)	6,376.21	410.11
23 09 23 11-0063	EA	10" 3-Way Butterfly Valve With Actuator (Belimo F7250HD+SY4-24)	8,447.23	502.33
23 09 23 11-0064	EA	12" 3-Way Butterfly Valve With Actuator (Belimo F7300HD+SY5-24)	10,267.87	608.89
23 09 23 11-0065	EA	14" 3-Way Butterfly Valve With Actuator (Belimo F7350HD+SY6-110)	16,064.41	717.62
23 09 23 11-0066	EA	16" 3-Way Butterfly Valve With Actuator (Belimo F7400HD+SY7-110)	17,914.56	789.37
23 09 23 11-0067	EA	18" 3-Way Butterfly Valve With Actuator (Belimo F7450HD+SY8-110)	27,632.06	876.93

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 11-0068		Valve Actuators *(23 09 23 11)*		
23 09 23 11-0069	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, Terminal Strip, 90 Seconds Run Time, 45 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-3-T)	471.13	98.81
23 09 23 11-0070	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, 95 Seconds Run Time, 45 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-3)	478.59	98.81
23 09 23 11-0071	EA	24 Volt AC/DC Power Supply, 2-10 Volt DC Control Input, Terminal Strip, 90 Seconds Run Time, 45 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-SR-T)	595.84	98.81
23 09 23 11-0072	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, Auxiliary Switch, 90 Seconds Run Time, 45 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-3-S)	540.61	98.81
23 09 23 11-0073	EA	24 Volt AC/DC Power Supply, 2-10 Volt DC Control Input, 90 Seconds Run Time, 45 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-SR)	551.51	98.81
23 09 23 11-0074	EA	24 Volt AC/DC Power Supply, Proportional/Multi-Function Control Input, 150 Seconds Run Time, 45 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-MFT)	623.07	98.81
23 09 23 11-0075	EA	24 Volt AC/DC Power Supply, On/Off Control Input, 2.5 Seconds Run Time, 35 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRQX24-1)	760.06	98.81
23 09 23 11-0076	EA	24 Volt AC/DC Power Supply, 0-135 Ohms Control Input, 150 Seconds Run Time, 45 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-MFT95)	776.82	98.81
23 09 23 11-0077	EA	24 Volt AC/DC Power Supply, Proportional/Multi-Function Control Input, 2.5 Seconds Run Time, 35 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRQX24-MFT)	817.21	98.81
23 09 23 11-0078	EA	120 Volt AC Power Supply, On/Off/Floating Point Control Input, 90 Seconds Run Time, 45 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX120-3)	578.73	98.81
23 09 23 11-0079	EA	120 Volt AC Power Supply, 2-10 Volt DC Control Input, 90 Seconds Run Time, 45 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX120-SR)	663.48	98.81
23 09 23 11-0080	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, Terminal Strip, 300, 150, Or 90 Seconds Run Time, 180 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-3-T)	587.62	98.81
23 09 23 11-0081	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, 300, 150, Or 90 Seconds Run Time, 180 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-3)	598.54	98.81
23 09 23 11-0082	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, 90 Seconds Run Time, 180 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARB24-3-5-14)	602.62	98.81
23 09 23 11-0083	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, Auxiliary Switch, 300, 150, Or 90 Seconds Run Time, 180 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-3-S)	676.89	98.81
23 09 23 11-0084	EA	24 Volt AC/DC Power Supply, 2-10 Volt DC Control Input, 300, 150, Or 90 Seconds Run Time, 180 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-SR-T)	708.92	98.81
23 09 23 11-0085	EA	24 Volt AC/DC Power Supply, 2-10 Volt DC Control Input, 300, 150, Or 90 Seconds Run Time, 180 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-SR)	725.94	98.81
23 09 23 11-0086	EA	24 Volt AC/DC Power Supply, Proportional/Multi-Function Control Input, Variable Run Time (90 To 350 Seconds), 180 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-MFT)	722.55	98.81
23 09 23 11-0087	EA	24 Volt AC/DC Power Supply, Phasecut Control Input, 95 Seconds Run Time, 180 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-PC)	733.45	98.81
23 09 23 11-0088	EA	24 Volt AC/DC Power Supply, 0-135 Ohms Control Input, 90 Seconds Run Time, 180 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-MFT95)	732.76	98.81
23 09 23 11-0089	EA	24 Volt AC/DC Power Supply, 2-10 Volt DC Control Input, NEMA 4X, 90 Seconds Run Time, 180 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-SR-T N4)	803.43	98.81
23 09 23 11-0090	EA	24 Volt AC/DC Power Supply, Proportional/Multi-Function Control Input, NEMA 4X, Variable Run Time (75 To 350 Seconds), 160 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-MFT-T N4)	982.16	98.81
23 09 23 11-0091	EA	100-240 Volt AC Power Supply, On/Off/Floating Point Control Input, 300, 150, Or 90 Seconds Run Time, 180 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX120-3)	640.09	98.81
23 09 23 11-0092	EA	100-240 Volt AC Power Supply, 2-10 Volt DC Control Input, 300, 150, Or 90 Seconds Run Time, 180 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX120-SR)	770.94	98.81
23 09 23 11-0093	EA	24 Volt AC/DC Power Supply, On/Off Control Input, 15 Seconds Run Time, 801 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY2-24)	1,797.10	98.81
23 09 23 11-0094	EA	24 Volt AC/DC Power Supply, On/Off Control Input, 22 Seconds Run Time, 1,335 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY3-24)	2,020.59	98.81
23 09 23 11-0095	EA	24 Volt AC/DC Power Supply, On/Off Control Input, 16 Seconds Run Time, 3,560 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY4-24)	2,434.19	98.81
23 09 23 11-0096	EA	24 Volt AC/DC Power Supply, On/Off Control Input, 22 Seconds Run Time, 4,450 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY5-24)	2,763.30	98.81
23 09 23 11-0097	EA	120 Volt AC Power Supply, On/Off Control Input, 28 Seconds Run Time, 5,785 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY6-110)	3,279.11	98.81
23 09 23 11-0098	EA	120 Volt AC Power Supply, On/Off Control Input, 46 Seconds Run Time, 8,900 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY7-110)	3,870.57	98.81
23 09 23 11-0099	EA	120 Volt AC Power Supply, On/Off Control Input, 46 Seconds Run Time, 13,350 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY8-110)	5,230.62	98.81
23 09 23 11-0100	EA	120 Volt AC Power Supply, On/Off Control Input, 58 Seconds Run Time, 17,800 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY9-110)	6,395.11	98.81
23 09 23 12		**Control Dampers** *(23 09 23)*		
23 09 23 12-0001		Rectangular Galvanized Volume Control Dampers *(23 09 23 12)* Note: Excludes actuators.		
23 09 23 12-0002	EA	8" x 8" Low Leakage Volume Control Damper (Johnson Controls VOPSN-008X008)	220.23	40.56
23 09 23 12-0003	EA	10" x 10" Low Leakage Volume Control Damper (Johnson Controls VOPSN-010X010)	248.39	44.48
23 09 23 12-0004	EA	12" x 12" Low Leakage Volume Control Damper (Johnson Controls VOPSN-012X012)	277.82	49.06
23 09 23 12-0005	EA	14" x 14" Low Leakage Volume Control Damper (Johnson Controls VOPSN-014X014)	321.12	57.56
23 09 23 12-0006	EA	16" x 16" Low Leakage Volume Control Damper (Johnson Controls VOPSN-016X016)	363.11	65.41
23 09 23 12-0007	EA	18" x 18" Low Leakage Volume Control Damper (Johnson Controls VOPSN-018X018)	366.31	73.58
23 09 23 12-0008	EA	20" x 20" Low Leakage Volume Control Damper (Johnson Controls VOPSN-020X020)	450.63	81.76
23 09 23 12-0009	EA	24" x 24" Low Leakage Volume Control Damper (Johnson Controls VOPSN-024X024)	538.11	98.10
23 09 23 12-0010	EA	32" x 32" Low Leakage Volume Control Damper (Johnson Controls VOPSN-032X032)	692.45	114.45
23 09 23 12-0011	EA	48" x 48" Low Leakage Volume Control Damper (Johnson Controls VOPSN-048X048)	1,033.04	130.81
23 09 23 12-0012	EA	60" x 60" Low Leakage Volume Control Damper (Johnson Controls VOPSN-060X060)	1,906.23	147.16

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 12-0013	EA	72" x 72" Low Leakage Volume Control Damper (Johnson Controls VOPSN-072X072)	2,424.37	163.51
23 09 23 12-0014		**Round Galvanized Control Dampers** *(23 09 23 12)*		
		Note: Excludes actuators.		
23 09 23 12-0015	EA	6" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG06)	213.19	45.79
23 09 23 12-0016	EA	8" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG08)	219.84	49.06
23 09 23 12-0017	EA	10" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG10)	229.59	49.06
23 09 23 12-0018	EA	12" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG12)	254.73	55.60
23 09 23 12-0019	EA	14" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG14)	290.88	55.60
23 09 23 12-0020	EA	16" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG16)	314.90	65.41
23 09 23 12-0021	EA	18" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG18)	423.31	68.84
23 09 23 12-0022	EA	20" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG20)	442.66	71.36
23 09 23 12-0023	EA	22" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG22)	469.56	76.93
23 09 23 12-0024	EA	24" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG24)	497.01	82.50
23 09 23 12-0025		**Remote Damper Control** *(23 09 23 12)*		
23 09 23 12-0026	EA	Remote Cable Control Concealed Ceiling Regulator For Damper (Young Regulator Co. 270-301B)	313.50	
		For Each 10' Flexible Casing And Wire, Add	*42.60*	
23 09 23 12-0027	EA	Remote Cable Control Concealed Ceiling Regulator For Damper (Young Regulator Co. 270-275B)	304.79	
		For Each 10' Flexible Casing And Wire, Add	*42.60*	
23 09 23 12-0028		**Control Damper Actuators** *(23 09 23 12)*		
23 09 23 12-0029	EA	44 IN-Lb., 24 Volt AC, 4-20mA, 2-10 Volt DC, Proportional Control, Non-Spring Return Direct Coupled Control Damper Actuator (Belimo LMB24-SR)	562.63	108.07
23 09 23 12-0030	EA	90 IN-Lb., 24 Volt AC/DC, 4-20mA, 2-10 Volt DC, Proportional Control, Non-Spring Return Direct Coupled Control Damper Actuator (Belimo NMB24-SR)	609.63	108.07
23 09 23 12-0031	EA	90 IN-Lb., 2 Position, 24 To 240 Volt AC Spring Return Direct Coupled Control Damper Actuator (Belimo NFBUP)	686.63	108.07
23 09 23 12-0032	EA	175 IN-Lb., 24 Volt AC, 4-20mA, 2-10 Volt DC, Proportional Control, Non-Spring Return Direct Coupled Control Damper Actuator (Belimo AMB24-SR)	723.43	108.07
23 09 23 12-0033	EA	90 IN-Lb., 24 Volt AC, 4-20mA, 2-10 Volt DC, Proportional Control, Spring Return Direct Coupled Control Damper Actuator (Belimo NFB24-SR)	745.26	108.07
23 09 23 12-0034	EA	360 IN-Lb., 24 Volt AC, 4-20mA, 2-10 Volt DC, Proportional Control, Non-Spring Return Direct Coupled Control Damper Actuator (Belimo GMB24-SR)	831.11	108.07
23 09 23 13		**Energy Meters** *(23 09 23)*		
23 09 23 13-0001		**Surge Protectors** *(23 09 23 13)*		
23 09 23 13-0002	EA	Surge Protector, T100's, Summit, BCU, UPCM, PCM, TCM (Transtector TR2255)	365.93	10.28
23 09 23 13-0003	EA	Surge Protector, 1AC Outlet (Transtector TR2251)	276.16	10.28
23 09 23 13-0004	EA	Surge Protector, 2 AC Outlets (Transtector TR2254)	430.63	10.28
23 09 23 13-0005	EA	Surge Protector, DB-15 Connection (Transtector TR2259-DLP15)	232.33	10.28
23 09 23 13-0006	EA	Surge Protector, DB-25 Connection (Transtector TR2259-DLP25)	232.33	10.28
23 09 23 13-0007	EA	Surge Protector, DB-9 Connection (Transtector TR2259-DLP9)	232.33	10.28
23 09 23 13-0008	EA	Surge Protector, Individual Wire Connection (Transtector TR2258)	336.72	10.28
23 09 23 13-0009	EA	Surge Protector, Trane Communication Links (Transtector TR2257)	207.27	10.28
23 09 23 14		**Flow Instruments** *(23 09 23)*		
23 09 23 14-0001		**Water Flow Meters** *(23 09 23 14)*		
23 09 23 14-0002	EA	Insertion Electromagnetic Water Flow Meter (Onicon F-3500) Note: Excludes pipe fittings.	5,461.43	105.69
23 09 23 14-0003		**Air Flow Monitoring Stations** *(23 09 23 14)*		
23 09 23 14-0004	EA	Analog Transmitter, 2 Point, 3 Sensor Air Flow Monitoring Station (Ebtron GTA116) Note: 10' cable, 36" x 24" typical duct size.	4,301.61	125.58
23 09 23 14-0005	EA	Analog Transmitter, 3 Point, 4 Sensor Air Flow Monitoring Station (Ebtron GTA116) Note: 10' cable, 48" x 36" typical duct size.	6,176.21	125.58
23 09 23 14-0006	EA	Analog Transmitter, 4 Point, 4 Sensor Air Flow Monitoring Station (Ebtron GTA116) Note: 10' cable, 60" x 48" typical duct size.	7,686.60	125.58
23 09 23 16		**Gas Instruments** *(23 09 23)*		
23 09 23 16-0001		**Gas Sensors** *(23 09 23 16)*		
23 09 23 16-0002	EA	6-1/4" x 6-1/8" CO2 Sensor, 0-2,000 ppm (Kele WCO-1B)	2,271.47	61.67
23 09 23 16-0003	EA	Wall Mounted CO2 Sensor, 0-2,000 ppm With LCD Display (Kele CD-AW-LCD)	1,002.78	41.12
23 09 23 16-0004	EA	CO Monitor/Transmitter, 0 To 250 ppm (Kele GMT-CO-S2) Note: Solid state sensor.	1,804.70	61.67
23 09 23 16-0005	EA	CO2 Transmitter, Duct Mount, No Display, 0-10 Volt DC Out, 24 Volt AC/Volt DC, 0-10 Or 4-20mA, 0-2,000 ppm Range With CD-AD Duct Probe Assembly (CDE CD-AD-LCD; CD-AD)	978.18	74.01
23 09 23 19		**Moisture Instruments** *(23 09 23)*		
23 09 23 19-0001		**Relative Humidity Sensors** *(23 09 23 19)*		
23 09 23 19-0002	EA	3% Duct Mounted RH Sensor (Kele HD30K)	608.10	74.01

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 19-0003	EA	10K Ohm Thermistor 3% Duct Mounted RH Sensor (Kele HD30K-T3)	624.78	74.01
23 09 23 19-0004	EA	3% RH Outdoor Air Sensor (Kele HO30K)	706.62	102.79
23 09 23 19-0005	EA	2% Surface Mounted RH Transmitter (Kele HW20K)	551.34	41.12

23 09 23 21 Motion Instruments *(23 09 23)*

23 09 23 21-0001 Peco Motion Sensors *(23 09 23 21)*

23 09 23 21-0002	EA	Ceiling Mount Passive Infrared, 24 Volt, Slave Motion Sensor (Peco SA200-001)	201.13	28.91
23 09 23 21-0003	EA	Wall/Ceiling Mount Passive Infrared, 24 Volt, Slave Motion Sensor (Peco SB200-001)	197.16	28.91
23 09 23 21-0004	EA	Wall/Ceiling Passive Infrared, 24 Volt, Master Motion Sensor (Peco SD200-001)	263.89	28.91
23 09 23 21-0005	EA	Wall/Ceiling Mount, Passive Infrared, 24 Volt, Master Time Sensor (Peco SD200-002)	234.44	28.91
23 09 23 21-0006	EA	Door Switch Occupancy Sensor (Peco SE200-001)	72.61	28.91
23 09 23 21-0007	EA	Window Switch Occupancy Sensor (Peco SE200-002)	67.12	28.91
23 09 23 21-0008	EA	Power Pack And Controller (Peco SF200-001)	123.55	28.91

23 09 23 23 Pressure Instruments *(23 09 23)*

23 09 23 23-0001 Pressure Sensors *(23 09 23 23)*

23 09 23 23-0002	EA	0 To 0.5" W.C., Differential Pressure Transmitters With NEMA 1 Case (Kele T30-005)	811.48	86.81
23 09 23 23-0003	EA	0 To 5" W.C., Differential Pressure Transmitters With NEMA 1 Case (Kele T30-050)	721.91	86.81
23 09 23 23-0004	EA	0.05 To 12" W.C., Adjustable Differential Pressure Switches (Kele AFS-222)	288.47	86.81
23 09 23 23-0005	EA	0.05 To 2" W.C., Adjustable Differential Pressure Switches (Kele AFS-262)	298.87	86.81
23 09 23 23-0006	EA	0.4 To 2" W.C., Manual Reset Adjustable Differential Pressure Switches (Kele AFS-460)	319.24	86.81
23 09 23 23-0007	EA	0.05 To 12" W.C., 1/8" NPT, Adjustable Differential Pressure Switches (Kele AFS-145)	295.86	86.81
23 09 23 23-0008	EA	0 To 100 psid, Bypass Valve Assembly Option, Water Differential Pressure Transmitter (Kele 360C-P210D-BVA) Note: Excludes pipe fittings.	2,993.13	86.81
23 09 23 23-0009	EA	0 To 60 psid, Bypass Valve Assembly Option, Water Differential Pressure Transmitter (Kele 360C-P160D-BVA) Note: Excludes pipe fittings.	2,993.13	86.81
23 09 23 23-0010	EA	Magnahelic Gauge	781.82	53.07

23 09 23 27 Temperature Instruments *(23 09 23)*

23 09 23 27-0001 Air Temperature Sensors *(23 09 23 27)*

23 09 23 27-0002	EA	10K Ohm Thermistor Duct Temperature Sensor (Kele ST-D24)	223.96	74.01
23 09 23 27-0003	EA	10K Ohm Thermistor Duct Temperature Sensor, 1/2" LB Conduit Fitting (Kele ST-D24-XCO)	313.54	74.01
23 09 23 27-0004	EA	10K Ohm Thermistor Duct Temperature Sensor With Greenfield Fitting (Kele ST-D24-XG)	234.27	74.01
23 09 23 27-0005	EA	10K Ohm Thermistor Duct Temperature Sensor With Handibox Housing (Kele ST-D24-XH)	244.83	74.01
23 09 23 27-0006	EA	10K Ohm Thermistor Duct Temperature Sensor With Handibox Housing, 18" Probe (Kele ST-D24-XH-XL18)	248.35	74.01
23 09 23 27-0007	EA	10K Ohm Thermistor Duct Temperature Sensor With Handibox Housing, 6" Probe (Kele ST-D24-XH-XL6)	244.88	74.01
23 09 23 27-0008	EA	10K Ohm Thermistor Duct Temperature Sensor With Non-Metallic Handibox Housing (Kele ST-D24-XHP)	246.74	74.01
23 09 23 27-0009	EA	10K Ohm Thermistor Duct Temperature Sensor With 4" Probe (Kele ST-D24-XL4)	264.54	74.01
23 09 23 27-0010	EA	10K Ohm Thermistor Duct Temperature Sensor With Weatherproof Housing (Kele ST-D24-XW)	280.09	74.01
23 09 23 27-0011	EA	10K Ohm Thermistor Outdoor Air Temperature Sensor (Kele ST-O24)	339.34	102.79
23 09 23 27-0012	EA	10K Ohm Thermistor Outdoor Air Temperature Sensor With 25' Lead (Kele ST-O24-XC25)	351.31	102.79
23 09 23 27-0013	EA	Delta Style Surface Mounted 10K Ohm Thermistor Room Temperature Sensor (Kele BA/10K3-R-N-DF)	153.39	41.12
23 09 23 27-0014	EA	Delta Style Surface Mounted AD592 Room Temperature Sensor (Kele BA/592-10K-R)	157.79	41.12
23 09 23 27-0015	EA	Stainless Steel Plate 1K Ohm Room Temperature Sensor (Kele BA/1K8-SP)	146.24	41.12

23 09 23 27-0016 Water Temperature Sensors *(23 09 23 27)*

23 09 23 27-0017	EA	5" Immersion 20K Ohm Water Temp Sensor (Honeywell C7041D2001)	180.40	79.54
23 09 23 27-0018	EA	Strap-On 20K Ohm Water Temp Sensor (Honeywell C7041K2005)	409.64	79.54

23 09 23 27-0019 Peco Thermostats *(23 09 23 27)*

23 09 23 27-0020	EA	3 Heating Stage, 2 Cooling Stage Programmable Thermostat With Humidification/Dehumidification Control (Peco T12532-IAQ)	421.44	19.27
23 09 23 27-0021	EA	3 Heating Stage, 2 Cooling Stage Programmable Thermostat (Peco T12532-001)	375.80	19.27

23 09 23 53 Proprietary Control Systems *(23 09 23)*

23 09 23 53-0001 EMCS General Costs *(23 09 23 53)*

23 09 23 53-0002 EMCS System Design Services *(23 09 23 53-0001)*

Note: Hourly labor rates for use with Site Inspection, Project Management, Engineering, Design, Programming, Training and Technical Support.

23 09 23 53-0003	HR	EMCS Site Inspection Of Existing Facilities	237.71	
23 09 23 53-0004	HR	EMCS Engineering Project Management	237.71	
23 09 23 53-0005	HR	EMCS System Engineering, Schematic Design And Layout	250.56	
23 09 23 53-0006	HR	EMCS System Software Programming And Graphics Programming	205.59	
23 09 23 53-0007	HR	EMCS Graphics Picture Creation	215.23	
23 09 23 53-0008	HR	EMCS System Controls Training	224.87	
23 09 23 53-0009	HR	EMCS On Site System Diagnostics Field Technician	231.29	
23 09 23 53-0010	HR	EMCS Remote Technical Support Using Phone Or Internet	199.16	
23 09 23 53-0011	HR	EMCS Travel Time (All Personnel)	192.74	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0012		**Field Tests, Checkout And Commissioning** *(23 09 23 53-0001)* Note: A point is defined as any transmitter, switch, actuator, sensor or device (starter, VFD, controller, fan, electric coil, actuator, valve, etc.) that is monitored or controlled by the EMCS system. Most devices count as 1 point. Actuators, valves and thermostats count as 2 points.		
23 09 23 53-0013	PNT	EMCS Field Test Note: Priced per point.	168.71	
23 09 23 53-0014	PNT	EMCS Field Checkout And Startup Note: Priced per point.	168.71	
23 09 23 53-0015	PNT	EMCS Field Commissioning Note: Priced per point.	168.71	
23 09 23 53-0016	EA	EMCS Field Balance Support Note: Priced per controller.	144.55	
23 09 23 53-0017		**EMCS System Engineering/Submittal Design And Layout** *(23 09 23 53-0001)* Note: A point is defined as any transmitter, switch, actuator, sensor or device (starter, VFD, controller, fan, electric coil, actuator, valve, etc.) that is monitored or controlled by the EMCS system. Most devices count as 1 point. Actuators, valves and thermostats count as 2 points.		
23 09 23 53-0018	PNT	EMCS System Engineering/Submittal Design And Layout Note: Priced per point.	56.28	
23 09 23 53-0019		**Alerton Controls** *(23 09 23 53)*		
23 09 23 53-0020	EA	50 Devices, 1 WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-SMALL)	13,024.79	
23 09 23 53-0021	EA	150 Devices, 1 WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-MEDIUM)	17,076.59	
23 09 23 53-0022	EA	Dashboard Option, 150 Devices, 1 WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-D-MEDIUM)	45,062.11	
23 09 23 53-0023	EA	Unlimited Devices, 1 WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-LARGE)	33,502.88	
23 09 23 53-0024	EA	Dashboard Option, Unlimited Devices, 1 WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-D-LARGE)	88,257.11	
23 09 23 53-0025	EA	Unlimited Devices, SQL Derver Interface, Unlimited WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-ENTERPRISE)	69,347.43	
23 09 23 53-0026	EA	Dashboard Option, Unlimited Devices, SQL Derver Interface, Unlimited WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-D-ENTERPRISE)	106,508.50	
23 09 23 53-0027	EA	Alerton Building Suite Tech License (Alerton ABS-3-TECH)	2,834.15	
23 09 23 53-0028	EA	Enterprise Edition With SQL Server Support, Envision for BACtalk v2.6 (Alerton ENV-BT-2.6-ENT1)	39,659.68	
23 09 23 53-0029	EA	Unlimited Controllers, Unlimited Workstation, Envision for BACtalk v2.6 (Alerton ENV-BT-2.6-LRG)	28,690.57	
23 09 23 53-0030	EA	150 Controllers, 3 Workstation, Envision for BACtalk v2.6 (Alerton ENV-BT-2.6-MED)	16,991.44	
23 09 23 53-0031	EA	50 Controllers, 1 Workstation, Envision for BACtalk v2.6 (Alerton ENV-BT-2.6-SM)	10,037.63	
23 09 23 53-0032	EA	10 Controllers, 1 Workstation, Envision for BACtalk v2.6 (Alerton ENV-BT-2.6-XS)	3,738.17	
23 09 23 53-0033	EA	1 Ethernet, 1 MS/TP, BACtalk Control Module (Alerton 715000100)	7,139.03	308.39
23 09 23 53-0034	EA	Foreign Protocol Converter For P1 Systems, BACtalk Control Module (Alerton BCM-FPCS)	10,624.33	411.18
23 09 23 53-0035	EA	Modbus Gateway, BACtalk Control Module (Alerton BCM-MDBS)	10,475.88	411.18
23 09 23 53-0036	EA	V.90/56K Modem, BACtalk Control Module (Alerton BCM-MDM)	3,549.57	308.39
23 09 23 53-0037	EA	1 MS/TP, BACtalk Control Module (Alerton 715000300)	4,419.56	308.39
23 09 23 53-0038	EA	Power Supply, BACtalk Control Module (Alerton BCM-PWS)	3,281.87	308.39
23 09 23 53-0039	EA	1 TUX Trunk, BACtalk Control Module (Alerton BCM-TUX)	4,220.02	308.39
23 09 23 53-0040	EA	Web Server And Configurator CD, BACtalk Control Module (Alerton BCM-WEB)	10,752.80	308.39
23 09 23 53-0041	EA	BACtalk Field Level Gateway For Modbus (Alerton FLG-MODBUS)	4,434.67	411.18
23 09 23 53-0042	EA	EXP BACnet Controller (Alerton VLX)	9,897.49	822.36
23 09 23 53-0043	EA	VLX BACnet High Performance Controller (Alerton VLX-PLATINUM)	11,801.74	822.36
23 09 23 53-0044	EA	Multiple Segment MS/TP Repeater (Alerton MSTP-REP)	1,588.20	91.56
23 09 23 53-0045	EA	4 Inputs, 2 Flow Transducers, 4 Ground-Switching Binary Triac Outputs, Dual-Duct VAV Controller (Alerton VAV-DD)	2,789.10	308.39
23 09 23 53-0046	EA	4 Inputs, 2 Flow Transducers, 3 Binary Triac Outputs, 4 Ground-Switching Binary Triac Outputs, Dual-Duct VAV Controller (Alerton VAV-DD7)	2,989.87	308.39
23 09 23 53-0047	EA	4 Inputs, 1 Flow Transducers, 3 Hot-Switching Binary Triac Outputs, 2 Ground-Switching Binary Triac Outputs, Single-Duct VAV Controller (Alerton VAV-SD)	2,296.32	308.39
23 09 23 53-0048	EA	4 Universal Inputs, 5 Binary Outputs, 2 Analog Outputs, Single-Duct VAV Controller (Alerton VAV-SD2A)	2,576.18	308.39
23 09 23 53-0049	EA	5 Universal Inputs, 6 Binary Outputs, Integral Honeywell Actuator, Single-Duct VAV Controller (Alerton VAViH-SD)	2,564.01	308.39
23 09 23 53-0050	EA	11 Inputs, 8 Binary Triac Outputs, 8 Analog Outputs, BACtalk Field Controller For Central Plant Systems (Alerton VLC-1188)	4,170.14	308.39
23 09 23 53-0051	EA	16 Inputs, BACtalk Field Controller (Alerton VLC-1600)	3,064.10	308.39
23 09 23 53-0052	EA	16 Inputs, 16 Binary Triac Outputs, BACtalk Field Controller (Alerton VLC-16160)	4,696.30	411.18
23 09 23 53-0053	EA	4 Universal Inputs, 4 Binary Outputs, 4 Analog Outputs, Field Controller (Alerton VLC-444)	2,034.22	205.59
23 09 23 53-0054	EA	5 Inputs, 5 Binary Outputs, BACtalk Field Controller (Alerton VLC-550)	1,953.90	205.59
23 09 23 53-0055	EA	6 Inputs, 2 Binary Triac Outputs, 3 Isolated Relay Outputs, BACtalk Field Controller (Alerton VLC-651R)	2,594.42	308.39
23 09 23 53-0056	EA	6 Inputs, 3 Binary Triac Outputs, 3 Isolated Relay Outputs, BACtalk Field Controller (Alerton VLC-660R)	2,594.42	308.39
23 09 23 53-0057	EA	8 Inputs, 5 Binary Triac Outputs, 3 Analog Outputs, BACtalk Field Controller (Alerton VLC-853)	3,242.95	308.39
23 09 23 53-0058	EA	16 Universal Inputs, 8 Binary Outputs, 8 Analog Outputs, Field Controller (Alerton VLCA-1688)	6,826.84	411.18
23 09 23 53-0059	EA	2 Fixed Inputs, 3 Universal Inputs, 6 Binary Outputs, 2 Analog Outputs, VisualLogic Display Controller (Alerton VLD-362)	2,710.01	308.39
23 09 23 53-0060	EA	Wireless Door Contact Sensor (Alerton AL-OC-DS)	202.12	11.56
23 09 23 53-0061	EA	One-Speed BACtalk Microset Wall Sensor (Alerton MS-1010-BT)	343.75	11.56
23 09 23 53-0062	EA	One-Speed BACtalk Microset Wall Sensor With RH Sensor (Alerton MS-1010H-BT)	918.06	11.56
23 09 23 53-0063	EA	Three-Speed BACtalk Microset Wall Sensor (Alerton MS-1030-BT)	918.06	11.56
23 09 23 53-0064	EA	Three-Speed BACtalk Microset Wall Sensor With RH Sensor (Alerton MS-1030H-BT)	708.80	11.56
23 09 23 53-0065	EA	BACnet-Compliant Wall Sensor (Alerton TS-1050-BT)	222.09	11.56
23 09 23 53-0066	EA	Wireless Temperature And Humidity Sensor (Alerton WTS-1000-KIT)	970.39	11.56
23 09 23 53-0067	EA	Wireless Temperature And Humidity Sensor With Temperature Adjustment Knob And Manual Override (Alerton WTS-1050-KIT)	1,092.08	11.56
23 09 23 53-0068	EA	10 12-Bit Inputs, 12 Binary Triac Outputs Expansion Module (Alerton EXP-10-12-0)	4,157.97	308.39
23 09 23 53-0069	EA	10 12-Bit Inputs, 4 Binary Triac Outputs Expansion Module (Alerton EXP-10-4-8)	4,457.27	308.39

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0070	EA	22 12-Bit Inputs Expansion Module (Alerton EXP-22-0-0)	4,199.34	308.39
23 09 23 53-0071	EA	50 Devices, Ascent Compass 1 Software, Small License (Alerton Compass-1-SM)	10,991.57	
23 09 23 53-0072	EA	Global Controller Base Unit (Alerton ACM)	5,990.00	308.39
23 09 23 53-0073	EA	External Battery Pack For ACM (Alerton ACM-BATT)	1,301.26	171.54
23 09 23 53-0074	EA	Licenses The ACM For Capacity Of 32 Directly Connected Devices (Alerton ACM032)	1,071.31	
23 09 23 53-0075	EA	Microset 4 Wall Sensor (Alerton MS4-THC)	1,226.92	11.56
23 09 23 53-0076		**Automated Logic Controls** *(23 09 23 53)*		
23 09 23 53-0077	EA	0 Digital Outputs, 8 Universal Inputs, 0 Analog Outputs Standalone Control Module (Automated Logic M0100)	4,762.28	308.39
23 09 23 53-0078	EA	0 Digital Outputs, 32 Universal Inputs, 0 Analog Outputs Standalone Control Module (Automated Logic M0320)	10,199.48	925.16
23 09 23 53-0079	EA	2 Digital Outputs, 2 Universal Inputs, 0 Analog Outputs Standalone Control Module (Automated Logic M220nx)	3,102.56	308.39
23 09 23 53-0080	EA	4 Digital Outputs, 10 Universal Inputs, 6 Analog Outputs Standalone Control Module (Automated Logic M4106nx)	7,010.31	411.18
23 09 23 53-0081	EA	8 Digital Outputs, 10 Universal Inputs, 2 Analog Outputs Standalone Control Module (Automated Logic M8102nx)	6,886.45	411.18
23 09 23 53-0082	EA	16 Digital Outputs, 16 Universal Inputs, 0 Analog Outputs Standalone Control Module (Automated Logic M16160)	10,800.24	822.36
23 09 23 53-0083	EA	8 Digital Outputs, 8 Universal Inputs, 0 Analog Outputs Standalone Control Module (Automated Logic M880nx)	6,081.36	411.18
23 09 23 53-0084	EA	0 Digital Outputs, 32 Universal Inputs, 0 Analog Outputs Expander Control Module (Automated Logic MX0320)	6,298.14	308.39
23 09 23 53-0085	EA	16 Digital Outputs, 16 Universal Inputs, 0 Analog Outputs Expander Control Module (Automated Logic MX16160)	10,057.08	822.36
23 09 23 53-0086	EA	No Display, Interior Wall Mounted, Standalone Controller For Heat Pumps, Fan Coil Units And Other Packaged HVAC Equipment (Automated Logic RC642)	2,001.90	205.59
23 09 23 53-0087	EA	With Display, Interior Wall Mounted, Standalone Controller For Heat Pumps, Fan Coil Units And Other Packaged HVAC Equipment (Automated Logic RC642D)	2,139.17	205.59
23 09 23 53-0088	EA	3 Digital Outputs, 4 Universal Inputs, 1 Analog Outputs Controller For Pressure Independent VAV Applications (Automated Logic ZN341+)	3,644.49	205.59
23 09 23 53-0089	EA	1 Digital Outputs, 4 Universal Inputs, 1 Analog Outputs Controller For Pressure Independent VAV Applications (Automated Logic ZN141+)	3,505.15	205.59
23 09 23 53-0090	EA	Air Flow Sensor And Damper Actuator Accessory For ZN341V+ Or ZN141V+ (Automated Logic ZASF)	2,780.52	308.39
23 09 23 53-0091	EA	Unlimited Points, Front End Software For Building Control (Automated Logic WC)	19,309.51	
23 09 23 53-0092	EA	500 Point, Front End Software For Building Control (Automated Logic WC500)	11,754.05	
23 09 23 53-0093	EA	Enterprise Integration Option, Front End Software For Building Control (Automated Logic WC-ENTERPRISE)	16,510.45	
23 09 23 53-0094		**Cypress Envirosystems Controls** *(23 09 23 53)*		
23 09 23 53-0095		**Wireless Pneumatic Thermostat** *(23 09 23 53-0094)*		
		Note: Wireless pneumatic thermostats, hub and repeaters must be installed by installers certified by the manufacturer.		
23 09 23 53-0096	EA	Two-Pipe Direct Acting Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-LoRa-T2DP)	568.57	12.85
		Note: One for every thermostat to be retrofitted.		
		For >50 To 200, Deduct	*-29.23*	
		For >200, Deduct	*-58.41*	
23 09 23 53-0097	EA	Two-Pipe Reverse Acting Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-LoRa-T2RP)	568.57	12.85
		Note: One for every thermostat to be retrofitted.		
		For >50 To 200, Deduct	*-29.23*	
		For >200, Deduct	*-58.41*	
23 09 23 53-0098	EA	Single-Pipe Direct Acting Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-LoRa-T1DP)	568.57	12.85
		Note: One for every thermostat to be retrofitted.		
		For >50 To 200, Deduct	*-29.23*	
		For >200, Deduct	*-58.41*	
23 09 23 53-0099	EA	Single-Pipe Indirect Acting Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-LoRa-T1RP)	568.57	12.85
		Note: One for every thermostat to be retrofitted.		
		For >50 To 200, Deduct	*-29.23*	
		For >200, Deduct	*-58.41*	
23 09 23 53-0100	EA	Two-Pipe Direct Acting Deadband Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-LoRa-T2DP-DB)	646.87	12.85
		Note: One for every thermostat to be retrofitted.		
		For >50 To 200, Deduct	*-33.59*	
		For >200, Deduct	*-67.11*	
23 09 23 53-0101	EA	Two-Pipe Reverse Acting Deadband Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-LoRa-T2RP-DB)	646.87	12.85
		Note: One for every thermostat to be retrofitted.		
		For >50 To 200, Deduct	*-33.59*	
		For >200, Deduct	*-67.11*	
23 09 23 53-0102	EA	Single-Pipe Direct Acting Deadband Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T1DP-DB)	646.87	12.85
		Note: One for every thermostat to be retrofitted.		
		For >50 To 200, Deduct	*-33.59*	
		For >200, Deduct	*-67.11*	
23 09 23 53-0103	EA	Single-Pipe Indirect Acting Deadband Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-LoRa-T1RP-DB)	646.87	12.85
		Note: One for every thermostat to be retrofitted.		
		For >50 To 200, Deduct	*-33.59*	
		For >200, Deduct	*-67.11*	
23 09 23 53-0104	EA	Wireless Pneumatic Thermostat Blank Cover (Cypress Envirosystems WPT-800-MCOV)	46.42	12.85
		Note: Optional cover.		
		For >50 To 200, Deduct	*-1.87*	
		For >200, Deduct	*-3.73*	
23 09 23 53-0105	EA	Green Box Controller (Cypress Envirosystems GBC-830-COM)	5,119.35	12.85
		Note: One unit for up to 100 thermostats.		
		For 2, Deduct	*-256.06*	
		For >2, Deduct	*-511.66*	
23 09 23 53-0106	EA	WPT USB Hub (Cypress Envirosystems WPT-800-HUSB)	493.35	12.85
		Note: One unit for up to 100 thermostats.		
		For 2, Deduct	*-26.72*	
		For >2, Deduct	*-53.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0107	EA	WPT Repeater (Cypress Envirosystems WPT-800-RWAL) Note: One unit for up to 15 thermostats.	857.94	12.85
		For >5 To 10, Deduct	*-44.13*	
		For >10, Deduct	*-88.18*	
23 09 23 53-0108	EA	24 Volt, WPT Repeater (Cypress Envirosystems WPT-800-RWAL24V) Note: One unit for up to 15 thermostats.	1,051.47	12.85
		For >5 To 10, Deduct	*-51.32*	
		For >10, Deduct	*-102.54*	

23 09 23 53-0109 Delta Controls *(23 09 23 53)*

23 09 23 53-0110 Software *(23 09 23 53-0109)*

Note: Excludes programming, set-up and commissioning of application.

23 09 23 53-0111	EA	Orca Software Unlimited Points License (Delta Controls DOW333-USB)	2,577.11	
23 09 23 53-0112	EA	Orca Graphics Module, Delta Controls Orca View With Graphics Creation Capabilities (Delta Controls DOW333-I-USB)	4,352.94	
23 09 23 53-0113	EA	Orca Historical Module, Delta Controls Historian Package With Unlimited Archiving Trend Logs (Delta Controls DHS330-HL-USB)	9,431.37	
23 09 23 53-0114	EA	Web Server Unlimited Points License, Delta Controls Web Server Front End (Delta Controls DWS330-L-USB)	14,910.44	
23 09 23 53-0115	EA	Web Server Limited Points (Maximum I/O 2500) License, Delta Controls Web Server Front End (Delta Controls DWS330-M-USB)	7,655.54	
23 09 23 53-0116	EA	Web Server Limited Points (Maximum I/O 250) License, Delta Controls Web Server Front End (Delta Controls DWS330-S-USB)	2,577.11	
23 09 23 53-0117	EA	100 User Energy Portal, Data Collection Controller, Web PC Server Program License (Delta Controls EP-2.01)	6,204.56	
23 09 23 53-0118	EA	1,000 User Energy Portal, Data Collection Controller, Web PC Server Program License (Delta Controls EP-2.02)	7,655.54	
23 09 23 53-0119	EA	KW Meter With H8163-2400-4-3 Series, With 3, 2,400 Amperes CT's And BACnet MS/TP Interface (Delta Controls H8186-CB)	2,704.95	128.50
23 09 23 53-0120	EA	Delta Controls Touch Screen (Delta Controls DHMI-7-I)	2,953.36	

23 09 23 53-0121 EMCS Central Equipment And Controllers *(23 09 23 53-0109)*

23 09 23 53-0122	EA	Fully Programmable, Native BACnet Building Controller (Delta Controls DSC-1616E + DFM1616) Note: Includes 32 Universal Inputs/32 Analog Or Binary Outputs HOA's, Twisted-Pair Ethernet Port, BACnet IP, BACnet Over Ethernet, Main LAN RS-485 BACnet MS/TP (Maximum Of 99 Devices), SubLAN (Net2) BACnet MS/TP (Maximum 99 Devices) Or Delta LINKnet At 76,800 BPS, Serial RS-232 BACnet PTP, Real-Time Clock With Lithium Battery And SRAM Backup	9,309.94	513.97
23 09 23 53-0123	EA	Fully Programmable, Native BACnet Building Controller, 16 Universal Inputs/16 Analog Or Binary Outputs HOA'S, Twisted-Pair Ethernet Port, BACnet IP, BACnet Over Ethernet, Main LAN RS-485 BACnet MS/TP (Maximum Of 99 Devices), Sublan (Net2) BACnet MS/TP (Maximum 99 Devices) Or Delta LINKnet At 76,800 BPS (Maximum 12 Devices On LINKnet, With 2 DFM Devices) Serial RS-232 BACnet PTP, Real-Time Clock With Lithium Battery And SRAM Backup (Delta Controls DSC-1616E)	6,988.37	513.97
23 09 23 53-0124	EA	Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 11 Universal Inputs, 4 Analog Output Or 6 Binary (Triac) Outputs (Delta Controls DAC-1146)	5,054.94	513.97
23 09 23 53-0125	EA	Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 11 Universal Inputs, 8 Analog Or Binary Outputs (Delta Controls DAC-1180)	5,054.94	513.97
23 09 23 53-0126	EA	Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 11 Universal Inputs, 4 Analog Output Or 6 Binary (Triac) Outputs (Delta Controls DAC-1146)	5,054.94	513.97
23 09 23 53-0127	EA	Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 6 Universal Inputs, 3 Binary (Triac) Outputs And 3 Analog Outputs (Delta Controls DAC-633 R3)	4,701.37	513.97
23 09 23 53-0128	EA	VAV Controllers Are Native BACnet Application Controllers That Are Fully Programmable, Communicate On A RS-485 LAN Using The MS/TP BACnet Protocol, 3 Universal Inputs, 4 Binary Outputs, Actuator Position Feedback, Supports 4 BACstat Network Sensors On LINKnet For Room Sensing And Control Or 2 Delta Field Modules On LINKnet For I/O Expansion (Delta Controls DVC-304AF)	1,670.01	256.99
23 09 23 53-0129	EA	Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 4 Binary Triac Outputs (24 Volt AC), 3 Binary Relay Outputs For Fan Speed Control, 240 Volt AC, 1 HP (60 LRA/10 FLA) LED Status Indication Of Each Output (Delta Controls DFC-304R3-240)	1,514.03	256.99
23 09 23 53-0130	EA	Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 6 Universal Inputs, 3 Binary (Triac) Outputs And 3 Analog Outputs (Delta Controls DAC-633 R3)	1,617.52	256.99
23 09 23 53-0131	EA	Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 4 Binary Triac Outputs (24 Volt AC), 3 Binary Relay Outputs For Fan Speed Control, 240 Volt AC, 1 HP (60 LRA/10 FLA) LED Status Indication Of Each Output (Delta Controls DFC-304R3-240)	1,514.03	256.99
23 09 23 53-0132	EA	Remotely Expandable I/O To Delta's BACnet Controllers, 16 Universal Inputs, 16 Analog Outputs (Delta Controls DFM-1616)	3,606.51	321.23
23 09 23 53-0133	EA	Remotely Expandable I/O To Delta's BACnet Controllers, 4 Universal Inputs, 4 Analog Outputs (Delta Controls DFM-440)	894.31	128.50
23 09 23 53-0134	EA	Remotely Expandable I/O To Delta's BACnet™ Controllers, 4 Universal Inputs, 4 Binary Triac Outputs (Delta Controls DFM-404)	960.07	128.50
23 09 23 53-0135	EA	Remotely Expandable I/O To Delta's BACnet™ Controllers, 16 Universal Inputs (Delta Controls DFM-1600)	1,130.64	128.50

23 09 23 53-0136 Network, VAV And Special Sensors *(23 09 23 53-0109)*

23 09 23 53-0137	EA	BACnet MS/TP VAV Network Room Temperature Sensor With LCD Display (Delta Controls DNS-24)	298.57	41.12
23 09 23 53-0138	EA	BACnet MS/TP VAV Network Temperature And Humidity Sensor With LCD Display (Delta Controls DNS-H24)	405.85	46.26
23 09 23 53-0139	EA	Programmable BACnet MS/TP Thermostat With 8 Button Keypad And LCD Display For DX Unit, Fan Coils And RTU (Delta Controls DAC-T305-G2B)	802.16	19.27

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0140		**Honeywell Controls** *(23 09 23 53)*		
23 09 23 53-0141		**EMCS Central Equipment And Controllers** *(23 09 23 53-0140)*		
23 09 23 53-0142		**EMCS Network Area Controllers (BACnet Or Lon)** *(23 09 23 53-0141)* Note: Includes loading software, software license, loading data base and mounting on wall.		
23 09 23 53-0143	EA	Network Area Java Controller Supporting 126 Devices (Honeywell WC2003B2004) Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 minimum RS-232 serial ports, 1 minimum RS-485 electrically isolated ports, 1 LonWorks port (supports 126 devices), and web user interface software.	12,835.10	626.41
23 09 23 53-0144	EA	Network Area Java Controller Supporting 27 Devices (Honeywell WC2003B1022) Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-232 port, 1 RS-485 port, 1 LonWorks port with driver, Lon tunnel service, BACnet driver, wind river VxWorks OS with Jeode java virtual machine, Niagara control engine and web user interface software (supports 27 device).	8,744.47	626.41
23 09 23 53-0145	EA	Network Area Java Controller Supporting 10 Devices (Honeywell WEB-201) Note: Includes 128 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, 1 RS-232 serial port, 1 RS-485 serial port, NDIO port, 2 communication card option slots, BACnet IP Client, and BACnet MS/TP. Supports up to 10 devices.	6,670.74	626.41
23 09 23 53-0146	EA	Network Area Java Controller Supporting 10 Devices (Honeywell WEB-201-EZ) Note: Includes 128 MB RAM / 64 MB Flash, 2 10/100 Mb ethernet ports, 1 RS-232 serial port, 1 RS-485 serial port, NDIO port, 2 communication card option slots, BACnet IP Client, and BACnet MS/TP. Includes WEB user interface and Enterprise connectivity pack.	8,320.94	626.41
23 09 23 53-0147	EA	Niagara Network Area Java Controller Supporting 10 Devices (Honeywell WEB-201-LN) Note: Includes 128 MB RAM / 64 MB Flash, 2 10/100 Mb ethernet ports, factory installed LON card, NDIO port and MODBus TCP driver. Excludes RS232 and RS485 communications. Includes Niagara network ethernet communication between stations.	6,613.93	626.41
23 09 23 53-0148	EA	Web UI Network Area Java Controller Supporting 10 Devices (Honeywell WEB-201-LU) Note: Includes 128 MB RAM / 64 MB Flash, 2 10/100 Mb ethernet ports, factory installed LON card, NDIO port and MODBus TCP driver. Excludes RS232 and RS485.	6,613.93	626.41
23 09 23 53-0149	EA	16 Point BACnet IP Network Area Java Controller (Honeywell WEB-216-B) Note: Includes 16 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.	7,184.65	626.41
23 09 23 53-0150	EA	16 Point Web UI And BACnet IP Network Area Java Controller (Honeywell WEB-216-BU) Note: Includes 16 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.	7,783.79	626.41
23 09 23 53-0151	EA	16 Point Niagara Network Area Java Controller (Honeywell WEB-216-N) Note: Includes 16 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.	7,184.65	626.41
23 09 23 53-0152	EA	16 Point Web UI And Niagara Network Area Java Controller (Honeywell WEB-216-NU) Note: Includes 16 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.	7,783.79	626.41
23 09 23 53-0153	EA	34 Point BACnet IP Network Area Java Controller (Honeywell WEB-234-B) Note: Includes 34 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.	7,788.95	626.41
23 09 23 53-0154	EA	34 Point Web UI and BACnet IP Network Area Java Controller (Honeywell WEB-234-BU.) Note: Includes 34 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this.	8,388.09	626.41
23 09 23 53-0155	EA	34 Point Niagara Network Area Java Controller (Honeywell WEB-216-N) Note: Includes 34 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.	7,788.95	626.41
23 09 23 53-0156	EA	34 Point Web UI and Niagara Network Area Java Controller (Honeywell WEB-216-NU) Note: Includes 34 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this.	8,388.09	626.41
23 09 23 53-0157	EA	Network Area Java Controller Supporting 27 Devices (Controller Only) (Honeywell WEB-403-AX) Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-485 port, 1 RS-232 port, 1 LonWorks FTT 10 port, 6 universal inputs (analog or contact/pulse input), 4 form C (SPDT) relay outputs. Excludes UI service and Enterprise connectivity service.	8,292.53	626.41
23 09 23 53-0158	EA	Unrestricted Network Area Java Controller Supporting 27 Devices (Controller Only) Note: Unrestricted limit on connected devices. Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-485 port, 1 RS-232 port, 1 LonWorks FTT 10 port, 6 universal inputs (analog or contact/pulse input), 4 form C (SPDT) relay outputs. Excludes UI service and Enterprise connectivity service. Honeywell WEB-403-EXP-AX. As with other WEBs controllers, capacity is limited by the characteristics of the application including size and complexity.	10,293.95	626.41
23 09 23 53-0159	EA	Easy Pack Network Area Java Controller Supporting 27 Devices (Honeywell WEB-403-EZ) Note: Includes controller plus User Interface Station Pack and Enterprise Connectivity Station Pack bundled as an "easy-order" bundle. Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-485 port, 1 RS-232 port, 1 LonWorks FTT 10 port, 6 universal inputs (analog or contact/pulse input), 4 form C (SPDT) relay outputs. Excludes UI service and Enterprise connectivity service.	10,911.16	626.41
23 09 23 53-0160	EA	Expanded Easy Pack Network Area Java Controller Supporting 27 Devices (Honeywell WEB-403-EXP-EZ) Note: Unrestricted limit on connected devices. Includes controller plus User Interface Station Pack and Enterprise Connectivity Station Pack bundled as an "easy-order" bundle. Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-485 port, 1 RS-232 port, 1 LonWorks FTT 10 port, 6 universal inputs (analog or contact/pulse input), 4 form C (SPDT) relay outputs. Excludes UI service and Enterprise connectivity service. As with other WEBs controllers, capacity is limited by the characteristics of the application including size and complexity.	12,912.57	626.41

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0161	EA	Network Area Java Controller Supporting 124 Devices (Controller Only) (Honeywell WEB-545-AX) Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 4 RS-485 port, 2 RS-232 port, 1 LonWorks port. As with other WEBs controllers, capacity is limited by the characteristics of the application. Unit is supplied with a steel, wall mountable enclosure, and 120 volt power supply. Excludes UI service and Enterprise connectivity service.	10,939.57	626.41
23 09 23 53-0162	EA	Easy Pack Network Area Java Controller Supporting 124 Devices (Honeywell WEB-545-EZ) Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 4 RS-485 port, 2 RS-232 port, 1 LonWorks port. As with other JACEs, capacity is limited by the characteristics of the application. Unit is supplied with a steel, wall mountable enclosure, and 120 volt power supply. Includes WEB-545-AX plus User Interface Station Pack (UI-SP-5XX) and Enterprise Connectivity Station Pack (EC-SP-5XX) bundled as an "easy-order" bundle.	14,753.87	626.41
23 09 23 53-0163		**EMCS Network Interfaces** *(23 09 23 53-0141)* Note: Includes installation, start-up and tech labor.		
23 09 23 53-0164	EA	Serial LonTalk Adapter For LonWorks Bus And A PC (Honeywell Q7760A2001) Note: For desktop computer.	1,856.30	173.47
23 09 23 53-0165	EA	Serial LonTalk Card For LonWorks Bus And A PC (Honeywell Q7752B2009) Note: For laptop computer.	1,578.68	115.65
23 09 23 53-0166	EA	FTT-10 To FTT-10 Router (Honeywell Q7751A2010)	2,013.76	216.90
23 09 23 53-0167	EA	4FTT-10 To TP/FTT-1250 Multi Port Router (Honeywell Q7751J2002)	3,086.77	313.27
23 09 23 53-0168	EA	Two Way Lon Repeater (Honeywell Q7740A1008)	1,591.52	313.27
23 09 23 53-0169	EA	FTT Termination Module For Network Bus (Honeywell 209541B)	114.95	38.55
23 09 23 53-0170		**DDC Application Specific Controller Assemblies** *(23 09 23 53-0141)* Note: Includes submittal generation, installation, field test, checkout and start-up. Includes control enclosure, transformer, terminal strip and ancillary devices. (For example, fan coil unit include valves, actuators with controller and thermostat; VAVs include controller, thermostat and hot water valve if VAV has reheat coil). Excludes graphics and database generation. Excludes discharge air sensor.		
23 09 23 53-0171	EA	Up To 10 Factory Installed Cooling Only Or Electric Reheat VAV Or FPB Controller Assemblies	2,953.11	708.36
23 09 23 53-0172	EA	>10 Factory Installed Cooling Only Or Electric Reheat VAV Or FPB Controller Assemblies	2,471.26	419.25
23 09 23 53-0173	EA	Up To 10 Field Installed Cooling Only Or Electric Reheat VAV Or FPB Controller Assemblies	3,155.49	829.79
23 09 23 53-0174	EA	>10 Field Installed Cooling Only Or Electric Reheat VAV Or FPB Controller Assemblies	2,673.64	540.68
23 09 23 53-0175	EA	Up To 10 Factory Installed Steam Or Hot Water Heating VAV Or FPB Controller Assemblies	3,488.18	867.41
23 09 23 53-0176	EA	>10 Factory Installed Steam Or Hot Water Heating VAV Or FPB Controller Assemblies	3,126.73	649.92
23 09 23 53-0177	EA	Up To 10 Field Installed Steam Or Hot Water Heating VAV Or FPB Controller Assemblies	3,704.99	997.51
23 09 23 53-0178	EA	>10 Field Installed Steam Or Hot Water Heating VAV Or FPB Controller Assemblies	3,314.59	763.38
23 09 23 53-0179	EA	Up To 10 Factory Installed Application Specific Heat Pump Or Gas Heat With DX Cooling Controller Assemblies	2,612.70	708.26
23 09 23 53-0180	EA	>10 Factory Installed Application Specific Heat Pump Or Gas Heat With DX Cooling Controller Assemblies	2,130.85	419.25
23 09 23 53-0181	EA	Up To 10 Field Installed Application Specific Heat Pump Or Gas Heat With DX Cooling Controller Assemblies	2,877.78	867.41
23 09 23 53-0182	EA	>10 Field Installed Application Specific Heat Pump Or Gas Heat With DX Cooling Controller Assemblies	2,395.81	578.23
23 09 23 53-0183	EA	Up To 10 Factory Installed Application Specific Fan Coil Unit Controller Assemblies	3,491.23	719.92
23 09 23 53-0184	EA	>10 Factory Installed Application Specific Fan Coil Unit Controller Assemblies	2,999.75	588.50
23 09 23 53-0185	EA	Up To 10 Field Installed Application Specific Fan Coil Unit Controller Assemblies	3,756.31	997.50
23 09 23 53-0186	EA	>10 Field Installed Application Specific Fan Coil Unit Controller Assemblies	3,264.70	663.02
23 09 23 53-0187	EA	Up To 10 Factory Installed Application Specific Unit Ventilator Controller Assemblies	4,414.18	997.50
23 09 23 53-0188	EA	>10 Factory Installed Application Specific Unit Ventilator Controller Assemblies	3,975.76	637.33
23 09 23 53-0189	EA	Up To 10 Field Installed Application Specific Unit Ventilator Controller Assemblies	4,944.36	997.50
23 09 23 53-0190	EA	>10 Field Installed Application Specific Unit Ventilator Controller Assemblies	4,505.81	746.55
23 09 23 53-0191		**DDC Programmable Controller Assemblies** *(23 09 23 53-0141)* Note: Includes installation, field test, checkout and start-up. Includes control enclosure, transformer and terminal strip only. Excludes ancillary devices. Excludes submittal generation/system engineering and database generation. See CSI section 23 09 23 53-0198 for additional components.		
23 09 23 53-0192	EA	3 AO, 6 UI, 8 DO And 4 DI Small Programmable Controller Assemblies	2,998.51	766.21
23 09 23 53-0193	EA	Oversized Enclosure 3 AO, 6 UI, 8 DO And 4 DI Small Programmable Controller Assemblies	3,488.17	766.21
23 09 23 53-0194	EA	6 AO, 8 AI, 8 DO And 8 DI Medium Programmable Controller Assemblies	4,683.53	901.13
23 09 23 53-0195	EA	Oversized Enclosure 6 AO, 8 AI, 8 DO And 8 DI Medium Programmable Controller Assemblies	5,173.19	901.13
23 09 23 53-0196	EA	10 AO, 16 AI, 16 DO And 16 DI Large Programmable Controller Assemblies	8,559.08	1,055.32
23 09 23 53-0197	EA	Oversized Enclosure 10 AO, 16 AI, 16 DO And 16 DI Large Programmable Controller Assemblies	9,125.11	1,055.32
23 09 23 53-0198		**EMCS Optional DDC Controller Hardware** *(23 09 23 53-0141)* Note: Used to expand the capacity of DDC programmable controller assemblies.		
23 09 23 53-0199	EA	6 DO (Repay), 3 AI, 3 DI AHU Controller (Honeywell W7750A2005) Note: For constant volume single zone and heat pump AHUs.	588.80	
23 09 23 53-0200	EA	6 AI, 5 DI, 8 DO (Triac) AHU Controller (Honeywell W7750B2011) Note: For constant volume single zone and heat pump AHUs.	680.48	
23 09 23 53-0201	EA	3 AO, 6 AI, 5 DI, 5 DO (Triac) AHU Controller (Honeywell W7750C2001) Note: For constant volume single zone and heat pump AHUs.	712.76	
23 09 23 53-0202	EA	VAV Controller Compatible Printed Wiring Board (Honeywell W7751B2010)	672.73	
23 09 23 53-0203	EA	VAV Controller With Internally Wired Subbase (Honeywell W7751D2016)	683.06	
23 09 23 53-0204	EA	VAV Controller With Externally Wired Subbase (Honeywell W7751F2011)	667.57	
23 09 23 53-0205	EA	VAV Controller With Premounted ML6161 Actuator (Honeywell W7751H2025)	574.60	
23 09 23 53-0206	EA	VAV Controller With Premounted ML6161 Actuator (Honeywell W7751J2004)	499.71	
23 09 23 53-0207	EA	Fan Coil Unit Controller With Electric Reheat Relay (Honeywell W7752F2002)	732.13	
23 09 23 53-0208	EA	Fan Coil Unit Controller Without Electric Reheat Relay (Honeywell W7752G2000)	654.66	
23 09 23 53-0209	EA	Unit Ventilator Controller With Heating, Cooling, Actuator And Fan Control (Honeywell W7753A2002)	723.09	
23 09 23 53-0210	EA	Building Manager, Monitor And Control HVAC Equipment (Honeywell W7760A2011)	1,535.28	
23 09 23 53-0211	EA	Plant Controller, Monitor And Control HVAC Equipment (Honeywell W7760C2017)	1,909.74	
23 09 23 53-0212	EA	Remote IO Device For Ancillary Point Monitoring And Control (Honeywell W7761A2002)	954.22	
23 09 23 53-0213	EA	Remote IO, UUKL-UL 864 Approved (Honeywell W7761A2010)	940.02	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0214	EA	Hydronic Controller Without Wall Module (Honeywell W7762B1027)	460.97	
23 09 23 53-0215	EA	Hydronic Controller With Built-in Wall Module (Honeywell W7763C1016)	524.24	
23 09 23 53-0216	EA	IO Module, 24 Volt AC Without Overrides (Honeywell XFC3A06001)	968.43	
23 09 23 53-0217	EA	IO Module, 24 Volt AC With Overrides (Honeywell XFC3D06001)	1,035.57	
23 09 23 53-0218	EA	AI Module (Honeywell XFL521B)	648.20	
23 09 23 53-0219	EA	AO Module (Honeywell XFL522B)	648.20	
23 09 23 53-0220	EA	DI Module (Honeywell XFL523B)	648.20	
23 09 23 53-0221	EA	DO Module (Honeywell XFL524B)	648.20	
23 09 23 53-0222	EA	Distributed IO, Lonwork Bus Connector Module With Endplate (Honeywell XSL511)	114.92	
23 09 23 53-0223	EA	Distributed IO, Terminal Block For AI, AO And DI Modules (Honeywell XSL513)	216.93	
23 09 23 53-0224	EA	Distributed IO, Terminal Block For DO Modules (Honeywell XSL514)	213.05	
23 09 23 53-0225	EA	Lon Analog IO Module, 24 Volt AC/DC, 10 Digital Inputs (Honeywell XIO-10DI)	652.07	
23 09 23 53-0226	EA	Lon Hub (Honeywell XIO-HUB)	96.84	
23 09 23 53-0227	EA	Lon Analog IO, 24 Volt AC/DC, 4 Analog Outputs (Honeywell XIO-4AO)	652.07	
23 09 23 53-0228	EA	Lon Digital IO, 24 Volt AC/DC, 4 Digital Inputs (Honeywell XIO-4DI)	600.42	
23 09 23 53-0229	EA	Lon Digital IO, 24 Volt AC/DC, 4 Digital Outputs (Honeywell XIO-4DO)	600.42	
23 09 23 53-0230	EA	Lon Analog IO, 24 Volt AC/DC, 4 Analog Inputs (Honeywell XIO-4NTC)	632.71	
23 09 23 53-0231	EA	Lon Analog IO, 24 Volt AC/DC, 4 Analog PT1000 Inputs (Honeywell XIO-4PT1000)	632.71	
23 09 23 53-0232	EA	Lon Analog IO, 24 Volt AC/DC, 8 Analog Inputs (Honeywell XIO-8AI)	910.32	
23 09 23 53-0233	EA	16 Point IO Module For Network Area Controllers (Honeywell WEB-IO-16) Note: Includes 8 universal inputs, 4 relay outputs, and 4 analog outputs.	1,074.31	
23 09 23 53-0234	EA	34 Point IO Module For Network Area Controllers (Honeywell W7750A2005) Note: Includes 16 universal inputs, 10 relay outputs, and 8 analog outputs.	2,282.90	

23 09 23 53-0235 EMCS Software *(23 09 23 53-0140)*

23 09 23 53-0236 Software Packages And License *(23 09 23 53-0235)*

Note: Includes installation on equipment.

23 09 23 53-0237	EA	On Board Programming Tool For Network Area Controllers (Honeywell WP-AX-WEB) Note: Requires UI services to be installed on NAC.	728.26	
23 09 23 53-0238	EA	Software Upgrade To Provide Unrestricted Connected Device Limit (Honeywell WEB-403-EXUP-AX) Note: Upgrade existing network area controller. As with other WEBs controllers, capacity is limited by the characteristics of the application including size and complexity.	2,766.62	
23 09 23 53-0239	EA	WEBStation-AX Software For Windows (Honeywell WEB-S-AX) Note: Includes Archon database. WEBs controllers must have Enterprise Connectivity Station Pack (EC-SP). Includes one copy of WP-AX (WEBPro-AX).	8,134.78	
23 09 23 53-0240	EA	Small Building WEBStation-AX Based Software (Honeywell WEB-S-AX-SBS) Note: For up to 3 NAC controllers. NAC controllers must have Enterprise Connectivity Station Pack (EC-SP). Includes Archon database.	4,842.13	
23 09 23 53-0241	EA	Upgrade Small Building To Large Building Software Note: Upgrade WEB-S-AX-SBS to WEB-S-AX.	5,478.21	
23 09 23 53-0242	EA	Additional Copy Of WEBPro-AX (Honeywell WEB-S-AX-W) Note: One copy is included with WEB-S-AX and WEBStation-AX.	3,831.41	
23 09 23 53-0243	EA	WEBs Energy Suite (WES) Base Software (Honeywell WES-BASE-AX) Note: Includes license for 10 points of E^2 Profiler and 2 licensed meters of Cost Profiler. Limit of one WES-BASE per WEBStation-AX Supervisor. Additional E^2 Profiler point requirements or Cost Profiler meter requirements may use one or any combination of point/meter bundles. One WES-BASE required per WES project.	6,859.36	
23 09 23 53-0244	EA	Perpetual License One Meter Point Bundle Of A Cost Profiler Meter And Two E^2 Profiler Points (Honeywell WES-CP-AX) Note: Can be combined with the required single instance of VES-BASE as well as with any combination of other EP points and CP meters.	861.57	
23 09 23 53-0245	EA	Perpetual License For One Point Of E^2 Profiler (Honeywell WES-E2-AX) Note: Can be combined with the required single instance of VES-BASE as well as with any number of other EP Points and Cost Profiler meters.	558.13	
23 09 23 53-0246	EA	Perpetual License For An Unlimited Bundle Of E2 Points And CP Meters Note: Sold on a per server basis. Purchase of this product must be accompanied by VES-M1-ENT-AX maintenance. The first year price of maintenance is included with VES-ENT-AX.	37,337.67	
23 09 23 53-0247	EA	Annual Maintenance For Enterprise WEBs-AX Energy Suite (Honeywell WES-M1-ENT-AX) Note: The first year cost of VES-M1-ENT-AX is included with VES-ENT-AX. After the first year VES-M1-ENT-AX maintenance fee will be invoiced annually.	34,053.96	
23 09 23 53-0248	EA	Standard WEBStation-AX Supervisor Bundled With WES-BASE-AX (Honeywell WES-S-AX)	12,971.75	
23 09 23 53-0249	EA	Small WEBStation-AX Supervisor Bundled With WES-BASE-AX (Honeywell WES-S-AX-SBS)	9,679.10	
23 09 23 53-0250	EA	Add 500 Modbus TCP Points To WEBStation With WS-OSD Option (Honeywell WS-MTCP-500)	2,798.11	
23 09 23 53-0251	EA	Add 500 OPC Points To WEBStation With WS-OSD Option (Honeywell WS-OPC-500)	2,798.11	
23 09 23 53-0252	EA	Vykon Oracle Driver For Support Of Oracle Database (Honeywell WS-ORCL) Note: Excludes Oracle.	19,368.52	
23 09 23 53-0253	EA	Open System Driver Option (Honeywell WS-SNMP-500) Note: Adds 25 points each of BACnet IP, OPC (client), Modbus TCP and SNMP to a standard WEBStation. Can be purchase with the WS or added later. Web Supervisor required to purchase this option.	2,582.47	
23 09 23 53-0254	EA	Add 500 SNMP Points To WEBStation With WS-OSD Option (Honeywell WS-SNMP-500)	2,798.11	
23 09 23 53-0255	EA	WEBStation Software WS-1 And First Copy Of WEBPro Software (Honeywell ZW2000A1003) Note: For a single Honeywell WEB NP controller. Excludes software keys for the additional nodes.	7,317.43	
23 09 23 53-0256	EA	WEBStation Additional Node (Honeywell ZW2000B1002)	2,798.11	
23 09 23 53-0257	EA	WEBStation Software And 20 Pack Of Node Software Keys (Honeywell ZW2000C1001)	46,915.73	
23 09 23 53-0258	EA	WEBStation Software And 50 Pack Of Node Software Keys (Honeywell ZW2000D1000)	86,082.76	
23 09 23 53-0259	EA	WEBStation Software And 100 Pack Of Node Software Keys (Honeywell ZW2000E1009)	150,644.51	
23 09 23 53-0260	EA	Master WEBStation Software For Monitoring Multiple WEBStations (Honeywell ZW2000F1008)	7,747.41	
23 09 23 53-0261	EA	Additional Master WEBStation Software Licenses (Honeywell ZW200G1007)	3,873.70	
23 09 23 53-0262	EA	Additional Copies Of Workplace Pro WP-1 (Web Pro) (Honeywell ZW2001A1001)	3,036.01	
23 09 23 53-0263	EA	Upgrade Existing NAC To Provide Unrestricted Connected Device Limit (Honeywell WC2003B1055) Note: As with other WEBs, capacity is limited by the characteristics of the application including size and complexity.	3,347.67	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0264		**Initial Database Generation** *(23 09 23 53-0235)*		
23 09 23 53-0265	PNT	Database Generation For Central Plant	86.22	
23 09 23 53-0266	PNT	Database Generation For Programmable Controller Note: For VAV AHU, large CV AHU, or heat exchanger, etc.	86.22	
23 09 23 53-0267	EA	Database Generation For Application Specific Controller Note: Price per each VAV box, fan coil unit, unit ventilator or small CV AHU. Task used for the first piece of each equipment.	86.22	
23 09 23 53-0268	EA	Replication Of Database Generation For Application Specific Controller Note: Price per copy made.	60.01	
23 09 23 53-0269	EA	Database Generation For Remote IO Modules, Sensors, Etcetera	60.01	
23 09 23 53-0270		**Application Software Programs** *(23 09 23 53-0235)*		
23 09 23 53-0271	EA	Optimum Start/Stop Program Note: Priced per controller requiring optimum start programming.	120.27	
23 09 23 53-0272	EA	Duty Cycling Program	56.80	
23 09 23 53-0273	EA	Demand Limiting Program Note: Priced per controller requiring optimum start programming.	105.49	
23 09 23 53-0274		**Color Graphics Generation** *(23 09 23 53-0235)* Note: Priced per page.		
23 09 23 53-0275	EA	Single Site Home Page Graphics Page With HTML Navigation Code	2,155.88	
23 09 23 53-0276	EA	Multi Site Home Page Graphics Page With HTML Navigation Code	3,827.68	
23 09 23 53-0277	EA	Color Graphics Page For Central Plant	979.51	
23 09 23 53-0278	EA	Color Graphics Page For Building Floor Plan	904.47	
23 09 23 53-0279	EA	Replication Of Color Graphics Page For Central Plant	491.36	
23 09 23 53-0280	EA	Color Graphics Page For Programmable Controller Note: For VAV AHU, large CV AHU, or heat exchanger, etc.	1,101.96	
23 09 23 53-0281	EA	Replication Of Color Graphics Page For Programmable Controller Note: Priced per copy made.	235.65	
23 09 23 53-0282	EA	Color Graphics Page For Application Specific Controller Note: Price per each VAV box, fan coil unit, unit ventilator or small CV AHU. Task used for the first piece of each equipment.	1,019.21	
23 09 23 53-0283	EA	Replication Of Color Graphics Page For Application Specific Cont Note: Priced per copy made.	101.90	
23 09 23 53-0284		**Sensors, Actuators And Control Devices** *(23 09 23 53-0140)* Note: Includes installation, startup, checkout and miscellaneous parts for installation. Excludes conduit, wire and cable. Excludes engineering and programming labor. Each device is considered one control point. No engineering or programming time required for replacement parts.		
23 09 23 53-0285		**Special Sensors** *(23 09 23 53-0284)*		
23 09 23 53-0286	EA	Dewpoint Sensor (Honeywell C7232B1014)	2,315.24	79.54
23 09 23 53-0287	EA	Enthalpy Sensor -25 To 125 F	2,416.40	79.54
23 09 23 53-0288	EA	Outdoor Mounted Temperature And Humidity Transmitter (Honeywell H7635C1002)	1,077.47	159.08
23 09 23 53-0289	EA	Freezestat (Honeywell L482A1004)	738.12	265.08
23 09 23 53-0290	EA	Wall Mounted Occupancy Sensor	534.46	79.54
23 09 23 53-0291	EA	Ceiling Mounted Occupancy Sensor	422.94	79.54
23 09 23 53-0292	EA	I/P Positioner With Gauge	498.41	79.54
23 09 23 53-0293	EA	Non-Communicating Duct Mounted Smoke Detector With Sampling Tube	596.48	79.54
23 09 23 53-0294	EA	EP Transducer	498.41	53.07
23 09 23 53-0295	EA	Electric Heat Sequencer	789.16	106.00
23 09 23 53-0296		**Meters** *(23 09 23 53-0284)*		
23 09 23 53-0297	EA	208 - 480 Volt, Up To 2,400 Amperes, KW/KWh Meter/Current Transformer	5,085.09	636.05
23 09 23 53-0298	EA	208 - 480 Volt, Up To 2,400 Amperes, KW/KWh Meter/Current Transformer With LON interface	7,369.11	742.05
23 09 23 53-0299	EA	1 To 300 Amperes, Current Transformer For KW Meter	1,760.80	265.08
23 09 23 53-0300	EA	300 To 800 Amperes, Current Transformer For KW Meter	2,021.43	265.08
23 09 23 53-0301	EA	800 To 2,400 Amperes, Current Transformer For KW Meter	2,521.27	265.08
23 09 23 53-0302		**Direct Coupled Actuators** *(23 09 23 53-0284)*		
23 09 23 53-0303	EA	44 IN-Lb., 2 Position, 120 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS4105A1002)	698.29	107.91
23 09 23 53-0304	EA	88 IN-Lb., 2 Position, 120 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS4110A1200)	771.72	107.91
23 09 23 53-0305	EA	175 IN-Lb., 2 Position, 120 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS4120A1209)	897.97	107.91
23 09 23 53-0306	EA	44 IN-Lb., 2 Position, 24 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS8105A1008)	655.32	107.91
23 09 23 53-0307	EA	88 IN-Lb., 2 Position, 24 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS8110A1206)	734.29	107.91
23 09 23 53-0308	EA	175 IN-Lb., 2 Position, 24 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS8120A1205)	812.49	107.91
23 09 23 53-0309	EA	44 IN-Lb., 24 Volt AC, 4-20mA, 0-10 Volt DC Or Floating Control, Spring Return Direct Coupled Damper Actuator	738.61	107.91
23 09 23 53-0310	EA	88 IN-Lb., 24 Volt AC, 4-20mA, 0-10 Volt DC Or Floating Control, Spring Return Direct Coupled Damper Actuator (Honeywell MS7510A2206)	851.21	107.91
23 09 23 53-0311	EA	175 IN-Lb., 24 Volt AC, 4-20mA, 0-10 Volt DC Or Floating Control, Spring Return Direct Coupled Damper Actuator (Honeywell MS7520A2205)	972.74	107.91
23 09 23 53-0312	EA	44 IN-Lb., 24 Volt AC, 4-20mA, 0-10 Volt DC Or Floating Control, Non- Spring Return Direct Coupled Damper Actuator (Honeywell MN7505A2209)	596.74	107.91
23 09 23 53-0313	EA	88 IN-Lb., 24 Volt AC, 4-20mA, 0-10 Volt DC Or Floating Control, Non- Spring Return Direct Coupled Damper Actuator (Honeywell MN7510A2209)	656.70	107.91

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0314	EA	175 IN-Lb., 24 Volt AC, 4-20 mA, Floating Control, Non-Spring Return Direct Coupled Damper Actuator (Honeywell MN6120A1200)	777.15	107.91
23 09 23 53-0315	EA	175 IN-Lb., 24 Volt AC, 4-20mA, 0-10 Volt DC, Non-Spring Return Direct Coupled Damper Actuator (Honeywell MN7220A2007)	833.85	107.91
23 09 23 53-0316	EA	300 IN-Lb., 24 Volt AC, 4-20 mA, Floating Control, Non-Spring Return Direct Coupled Damper Actuator (Honeywell MN6134A10030)	833.14	107.91
23 09 23 53-0317	EA	300 IN-Lb., 24 Volt AC, 4-20mA, 0-10 Volt DC, Non-Spring Return Direct Coupled Damper Actuator (Honeywell MN7234A2008)	988.62	107.91
23 09 23 53-0318	EA	Pneumatic Spring Return Damper Actuator Without Positive Positioner (Honeywell MP909E1018)	621.31	107.91
23 09 23 53-0319	EA	Pneumatic Spring Return Damper Actuator With Positive Positioner (Honeywell MP909H1368)	1,093.93	107.91
23 09 23 53-0320	EA	Foot Mount Kit With Damper Linkage And Connectors For Direct Coupled Actuator	465.90	107.91
23 09 23 53-0321	EA	Direct Coupled Damper Actuator Enclosure For Outdoor Use	712.78	107.91
23 09 23 53-0322		**Thermostats** *(23 09 23 53-0140)*		
23 09 23 53-0323		**Electric And Electronic Thermostats** *(23 09 23 53-0322)* Note: Includes installation, startup and checkout labor. Excludes engineering and programming labor. Each thermostat counts as one control point.		
23 09 23 53-0324	EA	Line Voltage 120 Volt, Heat/Cool Thermostat (Honeywell T651A3018)	233.84	19.27
23 09 23 53-0325	EA	Electronic Non-Programmable Heat/Cool Heat Pump Or Conventional Unit Thermostat (Honeywell TH5320)	252.45	19.27
23 09 23 53-0326	EA	Electronic Programmable Heating/Cooling Heat Pump Or Conventional Unit Thermostat (Honeywell TH6110)	231.77	19.27
23 09 23 53-0327	EA	Electronic Programmable Two Heating/Two Cooling Heat Pump Or Conventional Unit Thermostat (Honeywell TH6220)	260.10	19.27
23 09 23 53-0328	EA	Electronic Programmable Three Heating/Two Cooling Heat Pump Or Conventional Unit Thermostat (Honeywell TH6320)	281.39	19.27
23 09 23 53-0329	EA	Electronic Programmable Two Heating/Two Cooling Heat Pump Or Conventional Unit Thermostat (Honeywell TH8321)	417.85	19.27
23 09 23 53-0330	EA	Humidity Control Electronic Programmable Heat/Cool Heat Pump Or Conventional Unit Thermostat (Honeywell T7351F)	612.19	19.27
23 09 23 53-0331	EA	Lon Communicating Humidity Control Programmable Heat/Cool Heat Pump Or Conventional Unit Thermostat (Honeywell T7350H)	996.44	19.27
23 09 23 53-0332	EA	Modulating Lon Communicating Humidity Control Programmable Heat/Cool Heat Pump Or Conventional Unit Thermostat (Honeywell T7350M)	1,063.20	19.27
23 09 23 53-0333		**Pneumatic Thermostats** *(23 09 23 53-0322)* Note: Includes installation, startup and checkout labor. Excludes engineering and programming labor. Each thermostat counts as two control point.		
23 09 23 53-0334	EA	Pneumatic Thermostat (Honeywell TP970B2182)	328.09	19.27
23 09 23 53-0335		**Thermostats Guards** *(23 09 23 53-0322)*		
23 09 23 53-0336	EA	9-3/4" x 7-1/4" x 3-3/8" Universal Thermostat Guard (Honeywell TG512A1009)	78.76	19.27
23 09 23 53-0337	EA	7-1/2" x 6-1/2" x 2-15/16" Universal Thermostat Guard (Honeywell TG511)	94.27	19.27
23 09 23 53-0338	EA	5-7/8" x 5-7/8" x 2-1/2" Deep Universal Thermostat Guard (Honeywell TG510)	88.69	19.27
23 09 23 53-0339		**Johnson Controls** *(23 09 23 53)*		
23 09 23 53-0340		**Software** *(23 09 23 53-0339)* Note: Excludes programming, set-up and commissioning of application.		
23 09 23 53-0341	EA	5 Concurrent User Application And Data Server (Johnson Controls MS-ADS05U-0)	21,025.01	
23 09 23 53-0342	EA	10 Concurrent User External Application And Data Server (Johnson Controls MS-ADX10U-0)	24,867.92	
23 09 23 53-0343	EA	N2 Controllers Commissioning And Download Software (Johnson Controls MW-MTOOL-0)	1,213.15	
23 09 23 53-0344	EA	N2 Controllers Download Cable Kit (Johnson Controls AS-CBLPRO-2)	1,846.47	
23 09 23 53-0345	EA	BACnet FEU Controllers Commissioning And Download Software (Johnson Controls MS-CCTSWO-0)	3,283.16	
23 09 23 53-0346	EA	BACnet Controllers Download Bluetooth Converter (Johnson Controls MS-BTCVT-0)	1,223.87	
23 09 23 53-0347	EA	New User FX Tools Pro CD-Rom (FX Builder, FX Builder Expres, FX CommPro N2, FX CommPro LON, FX CommPro BACnet) Software (Johnson Controls LP-FXTPRO-0)	1,216.65	
23 09 23 53-0348	EA	Upgrade FX Tools Pro CD-Rom (FX Builder, FX Builder Expres, FX CommPro N2, FX CommPro LON, FX CommPro BACnet) Software (Johnson Controls LP-FXTPRO-6)	433.30	
23 09 23 53-0349		**Supervisory Controllers** *(23 09 23 53-0339)*		
23 09 23 53-0350	EA	NAE With 1 RS-485, Support For 50 Devices (Either N2 Or BACnet MS/TP) Supervisory Controllers (Johnson Controls MS-NAE3510-2)	9,069.26	513.97
23 09 23 53-0351	EA	NAE With 1 RS-485, Support For 100 Devices (Either N2 Or BACnet MS/TP) Supervisory Controllers (Johnson Controls MS-NAE4511-2)	14,137.39	513.97
23 09 23 53-0352	EA	NAE With 2 RS-485, Support For 200 Devices (N2 Or BACnet MS/TP) Supervisory Controllers (Johnson Controls MS-NAE5511-1)	19,216.76	513.97
23 09 23 53-0353	EA	NCE, 33 Points, Network Control Engine, 32 N2 Device Support Supervisory Controllers (Johnson Controls MS-NCE2510-0)	7,117.04	513.97
23 09 23 53-0354		**Controllers** *(23 09 23 53-0339)*		
23 09 23 53-0355	EA	10 Point Field Equipment Controller With 2 UI, 1 BI, 3 BO, 4 CO, 24 Volt AC And Sensor Actuator Bus With Mounting Base (Johnson Controls MS-FEU1610-0)	1,052.54	128.50
23 09 23 53-0356	EA	10 Point Field Equipment Controller With 2 UI, 1 BI, 3 BO, 4 CO, 24 Volt AC And Sensor Actuator Bus, Mounting Base And Integral Display (Johnson Controls MS-FEU1620-0)	1,390.48	256.99
23 09 23 53-0357	EA	17 Point Field Equipment Controller With 6 UI, 2 BI, 3 BO, 2 AO, 4 CO, 24 Volt AC, Sensor Actuator Bus And Mounting Base (Johnson Controls MS-FEU2610-0)	1,803.51	256.99

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23 09 23 53-0358	EA	17 Point Field Equipment Controller With 6 UI, 2 BI, 3 BO, 2 AO, 4 CO, 24 Volt AC, Sensor Actuator Bus And Integral Display (Johnson Controls MS-FEU2620-0)	2,141.44	256.99
23 09 23 53-0359	EA	BACnet MS/TP 4-Point I/O Module With 4 BI, Field Controller Bus And Sensor Actuator Bus Support (Johnson Controls MS-IOM1710-0)	858.66	128.50
23 09 23 53-0360	EA	BACnet MS/TP 6 Point I/O Module With 2 UI, 2 UO, 2 BO, Field Controller Bus And Sensor Actuator Bus Support (Johnson Controls MS-IOM2710-0)	944.83	128.50
23 09 23 53-0361	EA	BACnet MS/TP 12 Point I/O Module with 4 UI, 4 UO, 4 BO, Field Controller Bus And Sensor Actuator Bus Support (Johnson Controls MS-IOM3710-0)	1,074.09	128.50
23 09 23 53-0362	EA	17 Point I/O Module with 6 UI, 2 BI, 3 BO, 2 AO, 4 CO, 24 Volt AC And Sensor Actuator Bus With Mounting Base (Johnson Controls MS-IOU4710-0)	1,091.32	128.50
23 09 23 53-0363	EA	BACnet MS/TP Rooftop Controller For Stand-Alone And Networked Zoning Systems (Johnson Controls TEC2664Z-2)	2,229.36	256.99
23 09 23 53-0364	EA	32-bit, Integrated VAV Controller/Actuator/DPT, 3 UI, 3 BO, and 2 CO; 24 Volt AC; Field Controller Bus And Sensor Actuator Bus (Johnson Controls MS-VMA1630-0)	1,068.21	128.50
23 09 23 53-0365	EA	32-bit, Integrated VAV Controller/Actuator/Pressure Sensor - DPT, 3 UI and 3 BO, 2 CO, 24 Volt AC, and Sensor Actuator Bus (Johnson Controls MS-VMA1930-0) Note: Includes 6-pin Sensor Port for use with TE-7xx Series Non-Communicating Sensors and two Ethernet Ports for BACnet/IP Communications	1,559.64	128.50
23 09 23 53-0366		**Master FX Controllers** *(23 09 23 53-0339)*		
23 09 23 53-0367	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, No Communication Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X00-000C)	2,822.12	256.99
23 09 23 53-0368	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, N2 Open Communication Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X01-000C)	3,026.32	256.99
23 09 23 53-0369	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, LON Communication Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X02-000C)	3,127.79	256.99
23 09 23 53-0370	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, RS-232 Communication Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X03-000C)	3,066.12	256.99
23 09 23 53-0371	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, BACnet Communications Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X04-000C)	2,969.75	256.99
23 09 23 53-0372	EA	6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, N2 Communication Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X11-000C)	2,985.20	256.99
23 09 23 53-0373	EA	6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, BACnet Communications Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X14-000C)	2,969.75	256.99
23 09 23 53-0374	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, No Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X50-000C)	3,026.54	256.99
23 09 23 53-0375	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, N2 Open Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X51-000C)	3,202.89	256.99
23 09 23 53-0376	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, LON Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X52-000C)	3,320.45	256.99
23 09 23 53-0377	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, RS-232 Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X53-000C)	3,261.67	256.99
23 09 23 53-0378	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, BACnet Communications Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X54-000C)	3,141.34	256.99
23 09 23 53-0379	EA	6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, No Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X60-000C)	3,026.54	256.99
23 09 23 53-0380	EA	6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, N2 Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X61-000C)	3,202.89	256.99
23 09 23 53-0381	EA	6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, LON Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X62-000C)	3,320.45	256.99
23 09 23 53-0382	EA	6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, RS-232 Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X63-000C)	3,261.67	256.99
23 09 23 53-0383	EA	6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, BACnet Communications Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X64-000C)	3,141.34	256.99
23 09 23 53-0384	EA	N2 Open Communication Card For FX16 (Johnson Controls LP-NET151-010C)	336.79	64.24
23 09 23 53-0385	EA	LON Communication Card For FX15 and FX16 (Johnson Controls LP-NET152-010C)	481.46	64.24
23 09 23 53-0386	EA	RS-232 Communication Card For FX16 (Johnson Controls LP-NET163-000C)	377.40	64.24
23 09 23 53-0387	EA	BACnet Communications Card For FX16 (Johnson Controls LP-NET164-000C)	336.79	64.24
23 09 23 53-0388	EA	Remote Medium User Interface For FX16 (Johnson Controls LP-DIS60P20-0C)	933.09	64.24
23 09 23 53-0389	EA	Facility Explorer Extension I/O Module (Johnson Controls LP-XT91D00-000C)	858.67	64.24
23 09 23 53-0390	EA	5 UI, 4 BI, 3 AO, 6 Relay DO Expansion I/O Module (Johnson Controls LP-XM07X01-000C)	876.09	64.24
23 09 23 53-0391	EA	5 UI, 4 BI, 3 AO, 2 Triac DO, 4 Relay DO Expansion I/O Module (Johnson Controls LP-XM07X11-000C)	876.09	64.24
23 09 23 53-0392	EA	5 UI, 4 BI, 3 AO, 6 Relay DO (Manual Overrides For 2 AO And 4 Relay DO) Expansion I/O Module (Johnson Controls LP-XM07X51-000C)	963.13	64.24
23 09 23 53-0393	EA	5 UI, 4 BI, 3 AO, 2 Triac DO, 4 Relay DO (Manual Overrides For 2 AO, 2 Triac DO, And 2 Relay DO) Expansion I/O Module (Johnson Controls LP-XM07X61-000C)	963.13	64.24
23 09 23 53-0394	EA	6 UI, 12 BI, 4 AO, 9 Relay DO Expansion I/O Module (Johnson Controls LP-XM14X01-000C)	1,213.36	64.24
23 09 23 53-0395	EA	6 UI, 12 BI, 4 AO, 4 Triac DO Expansion I/O Module (Johnson Controls LP-XM14X11-000C)	1,213.36	64.24
23 09 23 53-0396	EA	6 UI, 12 BI, 4 AO, 9 Relay DO (Manual Overrides For 3 AO And 7 Relay DO) Expansion I/O Module (Johnson Controls LP-XM14X51-000C)	1,354.80	64.24
23 09 23 53-0397	EA	6 UI, 12 BI, 4 AO, 4 Triac DO, 5 Relay DO (Manual Overrides For 3 AO, 2 Triac DO, And 5 Relay DO) Expansion I/O Module (Johnson Controls LP-XM14X61-000C)	1,354.80	64.24
23 09 23 53-0398		**VAV, Network And Special Sensors** *(23 09 23 53-0339)*		
23 09 23 53-0399	EA	3" x 4-1/2", Surface Or Box Mounted, LCD RH Display, 3% RH Accuracy, Occupancy Override, Adjustable Temperature Setpoint BACnet Temperature And Humidity Sensor (Johnson Controls NS-BHR7001-0)	639.81	41.12
23 09 23 53-0400	EA	3" x 4-1/2", Surface Or Box Mounted, Addressing Switch BACnet Temperature Sensor (Johnson Controls NS-BTN7003-0)	212.50	41.12
23 09 23 53-0401	EA	3" x 4-1/2", Surface Or Box Mounted, 3% RH Accuracy, BACnet Temperature And Humidity Sensor (Johnson Controls NS-BHN7001-0)	494.64	41.12

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0402	EA	3" x 4-1/2", Surface Or Box Mounted, LCD Display, 2% RH Accuracy, Occupancy Override, Adjustable Temperature Setpoint Addressing Switch BACnet Temperature And Humidity Sensor (Johnson Controls NS-BPB7003-0)	741.05	41.12
23 09 23 53-0403	EA	3" x 4-1/2", Surface Or Box Mounted, LCD Display, Occupancy Override, Adjustable Temperature Setpoint, BACnet Temperature Sensor (Johnson Controls NS-BTB7001-0)	244.50	41.12
23 09 23 53-0404	EA	3" x 4-1/2", Surface Or Box Mounted CO2 Sensor, 0 To 2,000 ppm (Johnson Controls NS-BCN7004-0)	671.57	41.12
23 09 23 53-0405		**Sensors - Hard Wired Type** *(23 09 23 53-0339)*		
23 09 23 53-0406	EA	Duct Mount Temperature Sensor, Platinum RT, With Handi-Box (Johnson Controls TFDCR00)	204.33	74.01
23 09 23 53-0407	EA	Well Insertion Temperature Sensor, With Stainless 4-1/2" Well (Johnson Controls TIGB1C0)	175.92	41.12
23 09 23 53-0408	EA	BACnet MS/TP Networked, Single Stage Thermostat (Johnson Controls TEC2601-2) Note: For fan coil units, unit heaters and single stage packaged heating/cooling equipment.	497.48	19.27
23 09 23 53-0409	EA	BACnet MS/TP Networked Two Outputs, Dehumidification Capability And Three Speed Fan Control Thermostat (Johnson Controls TEC2616-2) Note: For two or four pipe fan coils, cabinet unit heaters or other equipment using on/off, floating, or proportional 0 to 10 Volt DC control input, three speeds of fan control, and dehumidification capability.	674.33	19.27
23 09 23 53-0410	EA	BACnet MS/TP Networked Thermostats With Two Outputs (Johnson Controls TEC2627VVT-2) Note: For VVT systems.	498.45	19.27
23 09 23 53-0411	EA	BACnet MS/TP Zone Controller For Proportional Zone Damper, On/Off Or Proportional Reheat Control (Johnson Controls TEC2647Z-2)	655.79	41.12
23 09 23 53-0412	EA	BACnet Zone Controller With Occupancy Sensor For Proportional Zone Damper, On/Off Or Proportional Reheat Control (Johnson Controls TEC2647Z-2+PIR)	808.84	41.12
23 09 23 53-0413		**Melink Intelli-Hood IH3 Controls** *(23 09 23 53)*		
23 09 23 53-0414		**Kitchen Ventilation Controllers** *(23 09 23 53-0413)*		
23 09 23 53-0415	EA	Fully Programmable Kitchen Ventilation Controller (Melink Intelli-Hood 2SYS-3001) Note: RS-485 communication protocol supports up to 39 Hood Controllers, 10 graphical user interface devices, 10 auxiliary power supplies, and 10 auxiliary light controllers. Modbus VFD communications interface for support of up to 64 variable frequency drives, programmable I/O points. Includes 3 digital inputs, 4 digital outputs, 1 analog output, and 1 analog input. BACnet over TCP/IP Interface, Real-Time Clock with battery back-up.	10,548.63	513.97
23 09 23 53-0416	EA	Graphical User Interface (Melink Intelli-Hood 2KPD-3001) Note: Full color 2.5" display and programming interface device. RS-485 communication protocol for interface with main controller.	2,007.93	106.00
23 09 23 53-0417	EA	Hood Controller (Melink Intelli-Hood 2SEN-3001) Note: 6 point field I/O device, RS-485 communication protocol, supports up to 4 field temperature sensors and 1 optic sensor system.	3,261.67	427.88
23 09 23 53-0418		**Kitchen Ventilation Sensors** *(23 09 23 53-0413)*		
23 09 23 53-0419	EA	Duct Mount Stainless Steel RTD (Melink Intelli-Hood 2SEN-3005-Q) Note: Includes UL listed mounting compression fitting, stainless steel probe protection sleeve, RJ-45 communication connector.	590.71	74.01
23 09 23 53-0420	EA	Optic Sensor System For Detection Of Cooking Effluent (Melink Intelli-Hood 2SEN-3004-28) Note: Includes air purge unit, infrared emitter/receiver with stainless steel housings. Auto-calibration, 0.2 second response time, conformal-coated circuit boards, purge pipe assembly complete with UL listed compression fittings, communication interface cables and blower box assembly.	5,084.14	411.18
23 09 23 53-0421		**Siemens Controls** *(23 09 23 53)*		
23 09 23 53-0422	EA	Concealed Temperature Set Point Adjustment, Electric Line Voltage Heating/Cooling Thermostat (Siemens 134-1083)	479.58	19.27
23 09 23 53-0423	EA	Exposed Temperature Set Point Adjustment, Electric Line Voltage Heating/Cooling Thermostat (Siemens 134-1085)	337.91	19.27
23 09 23 53-0424	EA	SPST/Manual Reset, 1" To 12" Set Point Range, Differential Static Pressure Airflow Switch (Siemens 141-0575)	346.62	86.81
23 09 23 53-0425	EA	-0.5" To 0.5" WG, Low Differential Pressure Transmitter (Siemens 141-0591)	527.80	86.81
23 09 23 53-0426	EA	Spring Clip Mounting Kit For Thermostat (Siemens 182-685)	81.26	12.85
23 09 23 53-0427	EA	Two Position, Pneumatic Circuit, RL243 Switching Relay (Siemens 243-0001)	271.71	128.50
23 09 23 53-0428	EA	3/4" Two Way, Normally Closed, 6.3 Cv, FxF, Brass Trim, Floating, Spring Return Actuator, Globe Valve And Actuator Assembly (Siemens 260-02012)	439.53	20.80
23 09 23 53-0429	EA	1" Three Way, 10 Cv, FxF, Stainless Steel Trim. Floating, Spring Return Actuator, Globe Valve And Actuator Assembly (Siemens 266-02079)	775.01	37.77
23 09 23 53-0430	EA	1" Three Way, 10 Cv, FxF, Brass Trim, 0 To 10 Volt DC, 4 To 20 mA Electronic Spring Return Actuator, Globe Valve And Actuator Assembly (Siemens 274-03203)	1,569.43	37.77
23 09 23 53-0431	EA	1-1/4" Two Way, 16 Cv, FxF, Stainless Steel Trim, 0 To 10 Volt DC Electronic Spring Return Actuator, Globe Valve And Actuator Assembly (Siemens 298-03006)	1,323.60	47.85
23 09 23 53-0432	EA	36" Rigid Probe, 4 To 20 mA, 20 To 120 Degree F Range, Duct Averaging Sensor (Siemens 535-490-36)	347.63	74.01
23 09 23 53-0433	EA	-58 To 122 Degree F Range, Outside Air Temperature Sensor (Siemens 536-768)	293.02	41.12
23 09 23 53-0434	EA	Unit Conditioner Controller With Secure Mode (Siemens 540-110C)	640.31	60.65
23 09 23 53-0435	EA	9-Pin, Female To RJ-11 Cable (Siemens 540-143)	116.71	6.42
23 09 23 53-0436	EA	Terminal Box Controller, Electronic Output, For Trane (Siemens 540-800)	1,034.78	123.36
23 09 23 53-0437	EA	MMI Extension Cable (Siemens 545-712)	255.04	6.42
23 09 23 53-0438	EA	Remote Pressure Transmitter (Siemens 547-003)	1,544.09	41.12
23 09 23 53-0439	EA	Cooling Only, GDE, BACnet Actuating Terminal Equipment Controller (Siemens 550-400)	946.96	30.84
23 09 23 53-0440	EA	BACnet Unit Conditioner Fan Coil Controller (Siemens 550-433)	820.64	82.24
23 09 23 53-0441	EA	Door Lock And Key Assembly (Siemens 567-225)	45.13	25.70
23 09 23 53-0442	EA	Insight Advanced Software Package (Siemens 571-010-381-USB) Note: Includes one user license and one sentinel key.	15,672.11	
23 09 23 53-0443	EA	BACnet Client Option For Insight Advanced Software Package (Siemens 571-188)	553.18	
23 09 23 53-0444	EA	Soft Controller Option For Insight Advanced Software Package (Siemens 571-620)	3,449.25	
23 09 23 53-0445	EA	1" Steam, Normally Open, 10 Cv, Stainless Steel Trim, Class 250 Globe Valve (Siemens 599-03059)	516.08	12.56

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0446	EA	2" Steam, Normally Open, 40 Cv, Stainless Steel Trim, Class 250 Glove Valve (Siemens 599-03062)	1,088.39	21.76
23 09 23 53-0447	EA	Firefinder XLS Driver, Modular Equipment Controller With RS-485 BLN, 8 DI, 8 DO, 8 AI, 8 AO, Point Expansion Support, HOA-Ready (Siemens 986-83481C)	10,291.66	51.40
23 09 23 53-0448	EA	SiPass Driver, Modular Equipment Controller With RS-485 ALN, 8 DI, 8 DO, 8 AI, 8 AO, Point Expansion Support, Modem With HOA (Siemens 986-83482F)	12,125.76	51.40
23 09 23 53-0449	EA	7" x 13-7/16" x 3-3/4" Weather Shield (Siemens ASK75.3U)	188.31	19.27
23 09 23 53-0450	EA	Two Position, 24 Volt AC/Volt DC, Standard Cabling, Dual Auxiallary Switches, Electronic Damper Actuator With Spring Return (Siemens GMA126.1U)	471.48	52.33
23 09 23 53-0451	EA	Modulating, 0 To 10 Volt DC, 24 Volt AC/Volt DC, Standard Cabling, Electronic Damper Actuator With Spring Return (Siemens GMA161.1U)	503.29	52.33
23 09 23 53-0452	EA	License To Enable 4 TX-I/O Modules On the Island Bus And FLN Support On Models PXC36-E.A And PXC36-PE.A (Siemens LSM-36.A)	4,552.69	
23 09 23 53-0453	EA	License To Enable FLN Support On PXC-16 or PXC-24 "F" Models (Siemens LSM-FLN)	919.31	
23 09 23 53-0454	EA	License To Enable FLN Support On Models PXC36-E.A And PXC36-PE.A (Siemens LSM-FLN36.A)	2,958.71	
23 09 23 53-0455	EA	License To Enable BACnet Field Panel Web Server (PXC-36) Or Web Services (PXC-16/24) (Siemens LSM-FPWEB)	2,118.02	
23 09 23 53-0456	EA	License To Enable 4 TX-I/O Modules On the Island Bus On Models PXC36-E.A And PXC36-PE.A (Siemens LSM-IB36.A)	1,820.76	
23 09 23 53-0457	EA	License To Enable SNMP Agent License To Enable SNMP Agent (Siemens LSM-SNMP)	5,382.98	
23 09 23 53-0458	EA	16-Switch HOA Upgrade Kit (Siemens PXA16-M)	856.22	2.57
23 09 23 53-0459	EA	16-Switch HOA Upgrade Kit (Extended Temp, UL 916) With HMI Cable (Siemens PXA16-MR)	955.54	10.28
23 09 23 53-0460	EA	8-Switch HOA Upgrade Kit (Siemens PXA8-M)	484.25	2.57
23 09 23 53-0461	EA	18" NEMA Type 1 Enclosure (Utility Cabinet) (Siemens PXA-ENC18)	478.14	71.96
23 09 23 53-0462	EA	19" NEMA Type 1 Enclosure (Utility Cabinet) (Siemens PXA-ENC19)	835.15	71.96
23 09 23 53-0463	EA	34" NEMA Type 1 Enclosure (Utility Cabinet) (Siemens PXA-ENC34)	1,171.80	82.24
23 09 23 53-0464	EA	Serial Cable Required For HOA Or PXM10T/S Connection To Non-Rooftop Variants Of The 16-Point And 24-Point Compact Series (Siemens PXA-HMI.CABLEP5)	42.91	12.85
23 09 23 53-0465	EA	115 Volt, 24 Volt AC, 50/60 Hertz, 192 VA PX Series Service Box (Siemens PXA-SB115V192VA)	844.03	32.13
23 09 23 53-0466	EA	115 Volt, 24 Volt AC, 50/60 Hertz, 384 VA PX Series Service Box (Siemens PXA-SB115V384VA)	1,354.91	32.13
23 09 23 53-0467	EA	230 Volt, 24 Volt AC, 50/60 Hertz, 192 VA PX Series Service Box (Siemens PXA-SB230V192VA)	1,032.25	32.13
23 09 23 53-0468	EA	230 Volt, 24 Volt AC, 50/60 Hertz, 384 VA PX Series Service Box (Siemens PXA-SB230V384VA)	1,570.04	32.13
23 09 23 53-0469	EA	PXC Modular, BACnet/IP Or MS/TP ALN, P1 Or MS/TP FLN, PXX-485.3 Is Also Required As The Connection To The FLN Devices (Siemens PXC00-E96.A)	4,594.72	64.24
23 09 23 53-0470	EA	PXC Modular Series For BACnet Networks, TX-I/O Module, 96 Node (Siemens PXC100-E96.A)	5,943.35	64.24
23 09 23 53-0471	EA	Peer To Peer, TX-I/O, 96 Node, APOGEE Automation System, Programmable Controller - Modular (Siemens PXC100-PE96.A)	6,771.33	64.24
23 09 23 53-0472	EA	16 Point, BACnet/IP ALN Compact Programmable Controller (Siemens PXC16.2-E.A)	1,861.64	64.24
23 09 23 53-0473	EA	16 Point, BACnet/IP ALN, P1 Or MS/TP FLN Compact Programmable Controller (Siemens PXC16.2-EF.A)	2,226.35	64.24
23 09 23 53-0474	EA	16 Point, MS/TP ALN Compact Programmable Controller (Siemens PXC16.2-M.A)	1,984.70	64.24
23 09 23 53-0475	EA	24 Point, BACnet/IP ALN Compact Programmable Controller (Siemens PXC24.2-E.A)	2,715.31	64.24
23 09 23 53-0476	EA	24 Point, BACnet/IP ALN, P1 Or MS/TP FLN Compact Programmable Controller (Siemens PXC24.2-EF.A)	2,967.13	64.24
23 09 23 53-0477	EA	24 Point, BACnet/IP ALN, Rooftop Compact Programmable Controller (Siemens PXC24.2-ER.A)	2,904.66	64.24
23 09 23 53-0478	EA	24 Point, BACnet/IP ALN, Rooftop, P1 Or MS/TP FLN Compact Programmable Controller (Siemens PXC24.2-ERF.A)	3,130.29	64.24
23 09 23 53-0479	EA	24 Point, MS/TP ALN Compact Programmable Controller (Siemens PXC24.2-M.A)	2,898.97	64.24
23 09 23 53-0480	EA	24 Point, MS/TP ALN, Rooftop Compact Programmable Controller (Siemens PXC24.2-MR.A)	3,128.75	64.24
23 09 23 53-0481	EA	36 Point, BACnet/IP Or MS/TP ALN Compact Programmable Controller (Siemens PXC36-E.A)	4,033.30	64.24
23 09 23 53-0482	EA	36 Point, BACnet/IP or MS/TP ALN, Island Bus, P1 Or MS/TP FLN Compact Programmable Controller (Siemens PXC36-EF.A)	8,049.66	64.24
23 09 23 53-0483	EA	License To Enable The Island Bus On PXC00-E96.A and PXC00-PE96.A (Siemens PXF-TXIO.A)	1,365.84	
23 09 23 53-0484	EA	Controller Mounted Operator Display Module With Point Monitor And Optional Blue Backlight (Siemens PXM10S)	543.56	32.13
23 09 23 53-0485	EA	Controller Mounted Operator Display Module (Siemens PXM10T)	396.08	32.13
23 09 23 53-0486	EA	Provides FLN Support For The PXC Modular (Siemens PXX-485.3) Note: Includes Three RS-485 P1 FLN Connections Or One MS/TP FLN Connection, Maximum Of 96 Devices Supported	902.44	25.70
23 09 23 53-0487	EA	Full Feature With Display, Override And Temperature Setpoint Adjustment, Room Temperature Sensor, 10K Ohm Type III Thermistor (Siemens QAA22SS.FWSN)	305.94	32.13
23 09 23 53-0488	EA	Digital Temperature Room Unit for TEC, Sensing, Setpoint, Override, Display, No Logo (Siemens QAA2280.FWNC)	298.45	41.12
23 09 23 53-0489	EA	4" Platinum, 1,000 Ohm, 385 Alpha Probe, Immersion Temperature Sensor (Siemens QAE2012.010)	148.61	32.13
23 09 23 53-0490	EA	8" Platinum, 1,000 Ohm, 385 Alpha Probe, Duct Temperature Sensor (Siemens QAM2012.020)	110.89	32.13
23 09 23 53-0491	EA	24' Flexible Averaging Probe (Siemens QAM2012.750)	327.03	64.24
23 09 23 53-0492	EA	2 Meter Flexible Duct Temperature Sensor With Four Mounting Clamps (Siemens QAM2120.200)	209.11	48.18
23 09 23 53-0493	EA	10 HP, 240 Volt, NEMA 2 Variable Frequency Drive (Siemens SED2-7.5/22X)	3,670.27	414.01
23 09 23 53-0494	EA	Two Sets, Address Keys 1 - 12, Accessory For TX-I/O Module (Siemens TXA1.K12)	39.05	12.85
23 09 23 53-0495	EA	Labels For HOA And TX-I/O Modules (Siemens TXA1.LLT-P100)	0.89	
23 09 23 53-0496	EA	16 Digital Input Module (Siemens TXM1.16D)	676.93	12.85
23 09 23 53-0497	EA	6 Digital Output Relay Points, Manual Override, Digital Output Module (Siemens TXM1.6R-M)	1,024.90	12.85
23 09 23 53-0498	EA	8 Universal Points, Local Override/Identification, Digital Output Module (Siemens TXM1.8X-ML)	1,645.87	25.70
23 09 23 53-0499	EA	1.2 A, 4A Fuse, Power Supply (Siemens TXS1.12F4)	502.92	7.71

23 09 23 53-0500 Trane Controls *(23 09 23 53)*

23 09 23 53-0501 Software *(23 09 23 53-0500)*

Note: Excludes programming, set-up and commissioning of application.

23 09 23 53-0502	EA	Summit + Building Management Package (Trane 40201152)	7,782.34	
23 09 23 53-0503	EA	Summit Current Version Software (Trane 40201111)	4,394.72	
23 09 23 53-0504	EA	Summit Customer Upgrade Package, Currently V10-V16 To V17 (Trane 40201113)	1,061.83	
23 09 23 53-0505	EA	Rover Service Software And Hardware, Complete Kit (Trane X1365150001)	4,368.22	
23 09 23 53-0506	EA	Tracer SC With -X1365152401 - BACnet (2 Pack) (Trane BMSC000AAA011000)	12,073.22	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0507		**EMCS Central Equipment And Controllers** *(23 09 23 53-0500)*		
23 09 23 53-0508	EA	Summit BTMX Operator Display Upgrade (Trane 40201224)	6,723.10	513.97
23 09 23 53-0509	EA	Summit BTMX Retrofit Kit For BMTS And BMTW BCU (Trane 49500531)	15,340.74	513.97
23 09 23 53-0510	EA	Summit BTMX Retrofit Kit For Tracer 100 (Trane 49500532)	15,340.74	513.97
23 09 23 53-0511	EA	Summit BTMX, 120 Volt, (Trane BMTX-001-A-A-B0-00)	13,469.55	513.97
23 09 23 53-0512	EA	Summit BTMX, 120 Volt, With Display (Trane BMTX-001-A-A-B0-10)	15,645.17	513.97
23 09 23 53-0513	EA	Summit CCP Upgrade ROM Kit (Trane 40201095)	236.82	32.13
23 09 23 53-0514	EA	Summit Comm5 Repeater (Trane 49500457)	1,826.48	256.99
23 09 23 53-0515	EA	AHU Controller MP580/581 E Board Only (Trane 40201157)	3,109.13	321.23
23 09 23 53-0516	EA	AHU Controller MP581 120 Volt AC With Enclosure And Display (Trane BMTM000AAC01)	3,990.66	385.48
23 09 23 53-0517	EA	AHU Controller MP581 120 Volt AC With Enclosure, No Display (Trane BMTM000AAC00)	3,126.00	385.48
23 09 23 53-0518	EA	AHU Controller MP581 Operator Door Display (Trane 40201156)	2,638.17	385.48
23 09 23 53-0519	EA	AHU Controller MP581 Portable, Rugged, With Case (Trane 49500491)	2,635.48	385.48
23 09 23 53-0520	EA	Controller MP503 I/O Module With Metal Enclosure (Trane 49500590)	1,191.33	128.50
23 09 23 53-0521	EA	Controller MP503 I/O Module With Plastic Cover (Trane 49500490)	1,083.85	128.50
23 09 23 53-0522	EA	Controller MP581 EX2 Expansion Module With Metal Enclosure (Trane 49500500)	1,952.85	256.99
23 09 23 53-0523	EA	Controller MP581 EX2 Expansion Module With Plastic Cover (Trane 49500499)	1,863.71	256.99
23 09 23 53-0524	EA	2 Position, FCU Controller ZN511 Zone With Metal Enclosure (Trane 49500569)	1,044.48	128.50
23 09 23 53-0525	EA	2 Position, FCU Controller ZN511 Zone With Plastic Cover (Trane 4950-0469)	915.06	128.50
23 09 23 53-0526	EA	4 Position, FCU Controller ZN517 Zone With Metal Enclosure (Trane 49500596)	1,362.94	128.50
23 09 23 53-0527	EA	4 Position, FCU Controller ZN517 Zone With Plastic Cover (Trane 49500496)	1,234.23	128.50
23 09 23 53-0528	EA	Modulating FCU Controller ZN520 Zone With Plastic Cover (Trane 4950049)	1,056.00	128.50
23 09 23 53-0529	EA	Modulating FCU Controller ZN520 Zone With Plastic Cover (Trane 49500496)	1,006.58	128.50
23 09 23 53-0530	EA	Modulating Tri ST FCU Controller ZN521 Zone With Metal Cover (Trane 49500570)	1,158.34	128.50
23 09 23 53-0531	EA	Modulating Tri ST FCU Controller ZN521 Zone With Plastic Cover (Trane 49500470)	1,056.00	128.50
23 09 23 53-0532	EA	DDC VAV Retrofit Kit (Trane VRTODD01)	1,465.83	256.99
23 09 23 53-0533	EA	DDC VAV Retrofit Kit With Belimo Actuator (Trane VRTODD01BLMO)	1,593.11	256.99
23 09 23 53-0534		**Network, VAV And Special Sensors** *(23 09 23 53-0500)*		
23 09 23 53-0535	EA	Digital Display Zone Sensor (Trane X13790464010)	249.44	41.12
23 09 23 53-0536	EA	Single Setpoint Wall Mounted Zone Temperature Sensor (Trane X13511529010)	166.07	41.12
23 09 23 53-0537	EA	Wall Mounted Zone Temperature-Only Sensor (Trane X13511528010)	152.01	41.12
23 09 23 53-0538	EA	Ceiling Mount Zone Occupancy Sensor (Trane X13790421-01)	307.50	46.26
23 09 23 53-0539	EA	Zone LCD O/C Setpoint, 3 Speed Fan (Trane 41901121)	185.29	41.12
23 09 23 53-0540	EA	Zone Sensor LCD O/C Setpoint (Trane 41901120)	185.29	41.12
23 09 23 53-0541	EA	Duct CO2 Sensor, 0 To 2,000 ppm (Trane X13790423010)	648.08	74.01
23 09 23 53-0542	EA	Room CO2 Sensor, 0 To 2,000 ppm (Trane X13790422010)	593.97	41.12
23 09 23 53-0543	EA	Transformer 120/24 40 VA (Trane X13550284010)	144.98	41.12
23 09 23 53-0544	EA	Transformer 24 Volt AC Wall Plug-In (Trane 35803005)	139.95	41.12
23 09 23 53-0545	EA	Transformer UL Listed 120 Volt AC, 40 VA (Trane 35812022)	131.92	41.12
23 09 23 53-0546	EA	Controller UC400 VAV Kit With Enclosure, And Belimo (Trane 5189454010)	1,644.86	256.99
23 09 23 53-0547	EA	Controller UC400 VAV Kit With Enclosure, No Actuator (Trane 5189456010)	1,576.19	256.99
23 09 23 53-0548	EA	Controller UC400 XM32 Module (4 Relay) (Trane X13651563010)	1,432.90	256.99
23 09 23 53-0549	EA	Controller UC400 XM70 (8UI,6UI/AO,4R,1P) (Trane X13651568010)	2,558.03	385.48
23 09 23 53-0550	EA	Controller UC400 XM30 I/O Module (4 UI/AO) (Trane X13651537010)	1,432.90	256.99
23 09 23 53-0551	EA	Controller UC210 VAV With Belimo Actuator (Trane BMUC210AAA0B00011)	1,505.58	256.99
23 09 23 53-0552	EA	Controller UC210 VAV Without Actuator (Trane BMUC210AAA0100011)	1,511.25	256.99
23 09 23 53-0553	EA	Controller Optional Metal Enclosure, UC210 (Trane 501898)	546.72	255.90
23 09 23 53-0554	EA	Controller UC400 PM014 24 Volt AC To 1.4 Amperes, 24 Volt DC (Trane X1365153801)	788.63	255.90
23 09 23 53-0555	EA	Controller Tracer UC600 Controller (Trane BMUC600AAA0100011)	2,862.38	385.48
23 09 23 53-0556	EA	Controller UC600 Tracer TD7 Display (Trane X13651571010)	2,751.89	385.48
23 09 23 53-0557	EA	Controller UC600 TD7 Mounting Bracket (Trane X05010511010)	170.09	51.21
23 09 23 53-0558	EA	Controller UC400 13" DIN Rail Enclosure, 120 Volt (Trane X13651559010)	613.65	51.21
23 09 23 53-0559	EA	SC 24" DIN Rail Enclosure, 120 Volt (Trane X13651552010)	2,930.68	385.48
23 09 23 53-0560	EA	BACnet Term (2 Pack) (Trane X1365152401)	270.13	92.13
23 09 23 53-0561	EA	Tracer ES Add License (Trane X40250125010)	3,516.38	
23 09 23 53-0562	EA	Kit - Tracer TU For Controls (Trane X4509151201)	5,374.61	513.97
23 09 23 53-0563	EA	Kit - Tracer TU Complete (Trane X4509151301)	7,058.07	513.97
23 09 23 53-0564	EA	Tracer TU Adapter Wired/Wireless (Trane X13651529010)	696.02	92.13
23 09 23 53-0565	EA	Sensor Wireless Zone Sensor, Fahrenheit (Trane X13790492010)	399.71	92.13
23 09 23 53-0566	EA	Sensor Wireless Display Sensor (Trane X13790822010)	451.94	92.13
23 09 23 53-0567	EA	Sensor Wireless Receiver, 100mW (Trane X13790854010)	404.73	92.13
23 09 23 53-0568	EA	Sensor Wireless Comm Interface (WCI) Indoor, 100mW (Trane X13790901010)	549.22	92.13
23 09 23 53-0569	EA	Sensor Wireless Comm Interface (WCI) Outdoor, 100mW (Trane X13790941010)	598.43	92.13
23 09 23 53-0570		**Control Sensors, Meters, Relays, Power Supplies, Valves, Dampers And Actuators** *(23 09 23 53)*		
23 09 23 53-0571		**Room Pressure Monitoring** *(23 09 23 53-0570)*		
23 09 23 53-0572	EA	Hospital Room Pressure Monitor With Digital Interface Monitor, Through Wall Sensor Transformer And Plenum Rated Cable (TSI 8640-PM)	3,555.58	65.41
23 09 23 53-0573	EA	Hospital Room Pressure Controller With Digital Interface Monitor, Through Wall Sensor Transformer And Plenum Rated Cable (TSI 8630-PC) Note: Excludes dampers and actuators.	5,736.10	65.41
23 09 23 53-0574	EA	Hospital Room Pressure Status Remote Visual Display (TSI 8694-4)	449.64	39.24
23 09 23 53-0575	EA	Hospital Room Pressure Status Remote Negative/Neutral Key Switch (TSI 8694-7)	519.23	39.24

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0576		Current Switches And Current Sensors *(23 09 23 53-0570)*		
23 09 23 53-0577	EA	Up To 20 Amperes, 0 To 5 Volt DC, Current Sensor (Senva C-1203)	155.02	41.12
23 09 23 53-0578	EA	Up To 20 Amperes, 4-20mA, Current Sensor (Senva C-1205)	161.05	41.12
23 09 23 53-0579	EA	0.5 To 135 Amperes Range, Split Core, VFD Current Switch (Senva C-2350VFD-L)	249.44	41.12
23 09 23 53-0580	EA	0.15 To 100 Amperes Range, Split Core, Current Switch With NC Command Relay (Senva C-2300 And CR4-24)	146.99	41.12
23 09 23 53-0581	EA	0 To 50/100/200 Amperes (Selectable), 4-20mA, 0 To 5 Volt DC, Split Core, DC Current Sensor (Veris H970HCA)	454.35	41.12
23 09 23 53-0582	EA	0 To 20/40/80 Amperes (Selectable), 0-20mA, 0 To 5 Volt DC, Split Core, DC Current Sensor (Veris H970LCC)	289.36	41.12
23 09 23 53-0583	EA	1 To 135 Amperes, N.O. Contact, 1 Ampere At 110 Volt, Current Switch (Veris H709)	220.49	41.12
23 09 23 53-0584	EA	0 To 10/20/40 Amperes, 4-20mA Analog Output, Solid Core, Loop Powered, Current Switch (Veris H721)	220.49	41.12
23 09 23 53-0585	EA	Energy Meter H8163 Series, With BACnet Output (Veris H8186-CB-BAC)	5,940.80	205.59
23 09 23 53-0586	EA	100 Amperes, Modbus RTU, Power Transducer (Veris H8035-0100-2) Note: 3 phase networked transducer.	1,510.43	41.12
23 09 23 53-0587	EA	2,400 Amperes, Three Current Switches, Pulse Output, Phase Loss Alarm Output, Energy Meter (Veris H8163-2400-4-3)	2,296.51	41.12
23 09 23 53-0588	EA	Up To 20 Amperes, 0-5 Volt DC, Current Transducer (Kele 4CTV)	236.66	41.12
23 09 23 53-0589	EA	Solid Core Fixed Setpoint Digital Output Current Switch (Veris H-800)	352.19	109.22
23 09 23 53-0590	EA	Split Core Fixed Setpoint Digital Output Current Switch (Veris H-900)	352.68	109.22
23 09 23 53-0591	EA	Solid Core Adjustable Setpoint Digital Output Current Sensor (Veris H-708)	376.78	109.22
23 09 23 53-0592	EA	Split Core Adjustable Setpoint Digital Output Current Sensor (Veris H-908)	382.81	109.22
23 09 23 53-0593	EA	Solid And Split Core Adjustable Setpoint Digital Output VFD Current Switch (Veris H-904)	416.96	109.22
23 09 23 53-0594	EA	Toggle Switch	143.78	51.40
23 09 23 53-0595	EA	Maintained Pushbutton Switch	153.62	51.40
23 09 23 53-0596	EA	Manual Time Switch	246.40	51.40
23 09 23 53-0597	EA	Emergency Stop Switch	412.31	51.40
23 09 23 53-0598	EA	Float Switch	396.72	51.40
23 09 23 53-0599	EA	Break Glass Switch	1,302.50	51.40
23 09 23 53-0600	EA	Boiler E-Stop Switch	797.78	51.40
23 09 23 53-0601		Relays *(23 09 23 53-0570)*		
23 09 23 53-0602	EA	DPDT, 24 Volt AC, Blade, Standard Relay (Kele RH2B-UAC24V)	127.90	41.12
23 09 23 53-0603	EA	SPDT, 24 Volt AC/Volt DC, 120 Volt AC Multi-Voltage Relay Module (Kele PAM-1)	140.26	41.12
23 09 23 53-0604	EA	SPDT, 24 Volt AC/Volt DC, 120 Volt AC Power Relay (Kele RIB2401B) Note: Box type.	198.53	51.40
23 09 23 53-0605	EA	Motor Starter Interface, 300msec Pulse (Kele PIL-2)	251.09	41.12
23 09 23 53-0606	EA	DP Relay Socket, DIN Rail Mounted (Kele SH2B-05)	118.94	41.12
23 09 23 53-0607	EA	SP Relay Socket, DIN Rail Mounted (Kele SH1B-05)	117.13	41.12
23 09 23 53-0608	EA	SPDT, 24 Volt AC, Blade, Standard Relay (Kele RH1B-UAC24V)	127.90	41.12
23 09 23 53-0609	EA	DPDT, 24 Volt AC, Blade, Indicator Light Relay (Kele RH2B-ULAC24V)	133.55	41.12
23 09 23 53-0610	EA	SPDT, 24 Volt AC, Blade, Indicator Light Relay (Kele RH1B-ULAC24V)	135.09	41.12
23 09 23 53-0611	EA	SPDT Pilot Relay, Universal (Kele RIBU1C) Note: Box type.	146.48	51.40
23 09 23 53-0612	EA	SPST Pilot Relay With HOA Switch (Kele RIBU1S) Note: Box type.	196.90	51.40
23 09 23 53-0613	EA	SPDT 3 Phase Line Voltage Monitor, .1-5 Minute Delay On Break Timer (ICM400)	352.41	51.40
23 09 23 53-0614	EA	SPDT 3-Phase Line Voltage Monitor, 0-10 Minute Delay On Break Timer (ICM450)	350.18	51.40
23 09 23 53-0615		Transformers *(23 09 23 53-0570)*		
23 09 23 53-0616	EA	50 VA, 120/240/277/480-24 Volt AC, CB Foot And Single Hub Control Transformer (Veris X050CBA)	153.70	41.12
23 09 23 53-0617	EA	75 VA, 120-24 Volt AC, CB Foot And Dual Hub Control Transformer (Veris X075CAB)	167.72	41.12
23 09 23 53-0618	EA	75 VA, 120/208/240/480-24 Volt AC, CB Foot And Single Hub Control Transformer (Veris X075CBA)	167.72	41.12
23 09 23 53-0619	EA	100 VA, 120-24 Volt AC, CB Foot And Dual Hub Control Transformer (Veris X100CAB)	180.41	41.12
23 09 23 53-0620	EA	100 VA, 120/240/277/480-24 Volt AC, CB Foot And Single Hub Control Transformer (Veris X100CBA)	188.23	41.12
23 09 23 53-0621		Power Supplies *(23 09 23 53-0570)*		
23 09 23 53-0622	EA	Solid Core Current Operated Switch, Terminals, Adjustable Trip, 0.5-150A, SPST (Kele RIBXKTA)	232.59	41.12
23 09 23 53-0623	EA	AC/DC Power Supply, 1.2 Amperes At 24 Volt Output (Kele DCPA-1.2)	271.50	41.12
23 09 23 53-0624	EA	DC Power Supply, 5 Volt DC And 24 Volt DC Output (Kele DCP-524)	253.96	41.12
23 09 23 53-0625	EA	DC Power Supply, 24 Volt DC, DIN Rail Mounted (Kele DCP-250-D)	262.26	41.12
23 09 23 53-0626	EA	DC Power Supply, 24 Volt DC, Hub Mounted (Kele DCP-250-H)	254.86	41.12
23 09 23 53-0627	EA	DC Power Supply, 24 Volt DC, Panel Mounted (Kele DCP-250-P)	267.24	41.12
23 09 23 53-0628	EA	DC Power Supply, 24 Volt AC In To Custom DC Out, At 1.5 Amperes (Kele DCP-1.5-W-C)	199.14	41.12

23 09 43 Pneumatic Control System For HVAC *(23 09)*

23 09 43 00-0001 Pneumatic Tubing For HVAC Instrumentation and Control Devices *(23 09 43)*

23 09 43 00-0002 Polyurethane Pneumatic Tubing *(23 09 43 00-0001)*

23 09 43 00-0003	LF	1/4" Outside Diameter x 1/32" Thick Wall Polyurethane Pneumatic Tubing	2.55	0.99
23 09 43 00-0004	LF	5/32" Outside Diameter x 1/16" Thick Wall Polyurethane Pneumatic Tubing	3.25	1.02
23 09 43 00-0005	LF	3/8" Outside Diameter x 1/16" Thick Wall Polyurethane Pneumatic Tubing	4.27	1.05
23 09 43 00-0006	LF	1/2" Outside Diameter x 1/16" Thick Wall Polyurethane Pneumatic Tubing	5.44	1.08

23 09 43 00-0007 Fire Resistant Polyethylene Pneumatic Tubing *(23 09 43 00-0001)*

23 09 43 00-0008	LF	1/4" Outside Diameter x .040" Thick Wall Fire Resistant Polyethylene Pneumatic Tubing	2.27	0.99
23 09 43 00-0009	LF	5/32" Outside Diameter x .030" Thick Wall Fire Resistant Polyethylene Pneumatic Tubing	2.44	1.02

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 43 00-0010	LF	3/8" Outside Diameter x .062" Thick Wall Fire Resistant Polyethylene Pneumatic Tubing	2.81	1.05
23 09 43 00-0011	LF	1/2" Outside Diameter x .062" Thick Wall Fire Resistant Polyethylene Pneumatic Tubing	3.51	1.08
23 09 43 00-0012		Nylon Pneumatic Tubing *(23 09 43 00-0001)*		
23 09 43 00-0013	LF	1/8" Outside Diameter x .016" Thick Wall Nylon Pneumatic Tubing	2.70	0.96
23 09 43 00-0014	LF	1/4" Outside Diameter x .035" Thick Wall Nylon Pneumatic Tubing	3.60	0.99
23 09 43 00-0015	LF	3/8" Outside Diameter x .050" Thick Wall Nylon Pneumatic Tubing	5.47	1.05
23 09 43 00-0016	LF	1/2" Outside Diameter x .062" Thick Wall Nylon Pneumatic Tubing	7.03	1.08
23 09 43 00-0017		Flexible Vinyl Pneumatic Tubing *(23 09 43 00-0001)*		
23 09 43 00-0018	LF	1/4" Outside Diameter Flexible Vinyl Pneumatic Tubing	2.64	0.99
23 09 43 00-0019	LF	3/8" Outside Diameter Flexible Vinyl Pneumatic Tubing	4.30	1.05
23 09 43 00-0020	LF	1/2" Outside Diameter Flexible Vinyl Pneumatic Tubing	5.20	1.08
23 09 43 00-0021	LF	5/8" Outside Diameter Flexible Vinyl Pneumatic Tubing	6.35	1.11
23 09 43 00-0022	LF	3/4" Outside Diameter Flexible Vinyl Pneumatic Tubing	7.20	1.14
23 09 43 00-0023	LF	1" Outside Diameter Flexible Vinyl Pneumatic Tubing	9.89	1.17
23 09 43 00-0024		Braided Vinyl Pneumatic Tubing *(23 09 43 00-0001)*		
23 09 43 00-0025	LF	5/8" Outside Diameter Braided Vinyl Pneumatic Tubing	3.59	1.11
23 09 43 00-0026	LF	3/4" Outside Diameter Braided Vinyl Pneumatic Tubing	4.19	1.14
23 09 43 00-0027	LF	1" Outside Diameter Braided Vinyl Pneumatic Tubing	5.26	1.17
23 09 43 00-0028		Copper Pneumatic Tubing *(23 09 43 00-0001)*		
23 09 43 00-0029	LF	1/4" Outside Diameter Copper Pneumatic Tubing	5.63	2.13
23 09 43 00-0030	LF	3/8" Outside Diameter Copper Pneumatic Tubing	6.89	2.45
23 09 43 00-0031	LF	1/2" Outside Diameter Copper Pneumatic Tubing	8.01	2.82
23 09 43 00-0032	LF	5/8" Outside Diameter Copper Pneumatic Tubing	9.95	3.25
23 09 43 00-0033	LF	3/4" Outside Diameter Copper Pneumatic Tubing	11.30	3.74
23 09 43 00-0034		Brass Couplings *(23 09 43 00-0001)*		
23 09 43 00-0035		Straight Brass Couplings *(23 09 43 00-0034)* Note: Barb x Barb		
23 09 43 00-0036	EA	1/4" x 1/4" Straight Brass Coupling	11.62	5.38
23 09 43 00-0037	EA	3/8" x 1/4" Straight Brass Coupling	11.76	5.38
23 09 43 00-0038	EA	3/8" x 3/8" Straight Brass Coupling	11.90	5.38
23 09 43 00-0039		Elbow Brass Couplings *(23 09 43 00-0034)* Note: Barb x Barb		
23 09 43 00-0040	EA	1/4" x 1/4" Elbow Brass Coupling	12.40	5.38
23 09 43 00-0041	EA	3/8" x 3/8" Elbow Brass Coupling	12.87	5.38
23 09 43 00-0042		Tee Brass Couplings *(23 09 43 00-0034)* Note: Barb x Barb		
23 09 43 00-0043	EA	1/4" x 1/4" x 1/4" Tee Brass Coupling	18.91	8.37
23 09 43 00-0044	EA	3/8" x 3/8" x 1/4" Tee Brass Coupling	21.80	8.97
23 09 43 00-0045	EA	3/8" x 3/8" x 3/8" Tee Brass Coupling	21.30	8.97

23 10 Facility Fuel Systems *(23)*

23 11 Facility Fuel Piping *(23 10)*

23 11 23 Facility Natural-Gas Piping *(23 11)*

See CSI section 23 21 13 23-0001 for threaded black steel pipe, 33 52 16 00-0000 for underground MDPE and HDPE pipe.

23 11 23 00-0001		Corrugated Stainless Steel Tubing (CSST), Flexible Gas Piping *(23 11 23)*		
23 11 23 00-0002		Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0001)* Note: Includes UV resistant polyethylene jacket. Excludes fittings and pipe hangers.		
23 11 23 00-0003	LF	3/8" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	6.40	2.10
23 11 23 00-0004	LF	1/2" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	7.04	2.27
23 11 23 00-0005	LF	3/4" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	8.43	2.46
23 11 23 00-0006	LF	1" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	10.63	2.60
23 11 23 00-0007	LF	1-1/4" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	12.53	2.73
23 11 23 00-0008	LF	1-1/2" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	19.03	2.84
23 11 23 00-0009	LF	2" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	25.77	3.03
23 11 23 00-0010		Fittings And Accessories For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0001)*		
23 11 23 00-0011		Male Adaptors For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*		

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 23 00-0012	EA	3/8" x 1/2", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	30.56	
23 11 23 00-0013	EA	3/8" x 3/8", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	30.56	
23 11 23 00-0014	EA	1/2" x 3/8", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	32.75	
23 11 23 00-0015	EA	1/2" x 1/2", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	32.75	
23 11 23 00-0016	EA	3/4" x 3/4", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	39.35	
23 11 23 00-0017	EA	1" x 3/4", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	54.09	
23 11 23 00-0018	EA	1" x 1", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	54.09	
23 11 23 00-0019	EA	1-1/4" x 1-1/4", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	91.72	
23 11 23 00-0020	EA	1-1/2" x 1-1/2", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	167.65	
23 11 23 00-0021	EA	2" x 2", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	271.31	

23 11 23 00-0022 Female Adaptors For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*

23 11 23 00-0023	EA	3/8" x 1/2", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	29.60	
23 11 23 00-0024	EA	1/2" x 1/2", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	32.75	
23 11 23 00-0025	EA	1/2" x 3/8", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	32.75	
23 11 23 00-0026	EA	3/4" x 3/4", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	39.35	
23 11 23 00-0027	EA	3/4" x 1/2", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	39.35	
23 11 23 00-0028	EA	1" x 3/4", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	51.73	
23 11 23 00-0029	EA	1" x 1", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	51.73	

23 11 23 00-0030 Reducing Adaptors For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*

23 11 23 00-0031	EA	3/4" x 1/2", (CSST x Threaded) Reducing Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	39.92	
23 11 23 00-0032	EA	1" x 3/4", (CSST x Threaded) Reducing Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	52.59	

23 11 23 00-0033 Couplings For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*

23 11 23 00-0034	EA	3/8" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	41.01	
23 11 23 00-0035	EA	1/2" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	45.48	
23 11 23 00-0036	EA	3/4" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	57.06	
23 11 23 00-0037	EA	1" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	81.71	
23 11 23 00-0038	EA	1-1/4" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	152.78	
23 11 23 00-0039	EA	1-1/2" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	297.98	
23 11 23 00-0040	EA	2" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	494.64	

23 11 23 00-0041 Tees For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*

23 11 23 00-0042	EA	1/2" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	56.70	
23 11 23 00-0043	EA	3/4" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	91.14	
23 11 23 00-0044	EA	1" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	144.26	
23 11 23 00-0045	EA	1-1/4" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	248.07	
23 11 23 00-0046	EA	1-1/2" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	266.71	
23 11 23 00-0047	EA	2" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	306.20	

23 11 23 00-0048 Indoor Termination Fittings For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*

23 11 23 00-0049	EA	3/8" x 1/2", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	36.83	
23 11 23 00-0050	EA	1/2" x 1/2", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	38.07	
23 11 23 00-0051	EA	3/4" x 3/4", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	41.41	
23 11 23 00-0052	EA	1" x 3/4", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	55.66	
23 11 23 00-0053	EA	1" x 1", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	56.47	

23 11 23 00-0054 Outdoor Termination Fittings For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*

23 11 23 00-0055	EA	3/8" x 1/2", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	40.57	
23 11 23 00-0056	EA	1/2" x 1/2", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	41.66	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 23 00-0057	EA	3/4" x 3/4", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	49.03	
23 11 23 00-0058	EA	1" x 3/4", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	57.79	
23 11 23 00-0059	EA	1" x 1", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	57.79	
23 11 23 00-0060		**Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe** *(23 11 23 00-0010)*		
23 11 23 00-0061	EA	3/8" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	63.63	
23 11 23 00-0062	EA	1/2" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	65.25	
23 11 23 00-0063	EA	3/4" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	68.44	
23 11 23 00-0064	EA	1" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	108.74	
23 11 23 00-0065	EA	1-1/4" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	112.90	
23 11 23 00-0066	EA	1-1/2" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	162.81	
23 11 23 00-0067	EA	2" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	202.47	
23 11 23 00-0068		**Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe** *(23 11 23 00-0010)*		
23 11 23 00-0069	EA	3/8" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	67.26	
23 11 23 00-0070	EA	1/2" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	68.82	
23 11 23 00-0071	EA	3/4" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	75.92	
23 11 23 00-0072	EA	1" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	137.33	
23 11 23 00-0073	EA	1-1/4" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	141.72	
23 11 23 00-0074	EA	1-1/2" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	194.95	
23 11 23 00-0075	EA	2" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	246.00	
23 11 23 00-0076		**Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe** *(23 11 23 00-0010)*		
23 11 23 00-0077	EA	1/2" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	39.01	
23 11 23 00-0078	EA	3/4" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	42.12	
23 11 23 00-0079	EA	1" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	63.96	
23 11 23 00-0080	EA	1-1/4" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	98.41	
23 11 23 00-0081	EA	1-1/2" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	191.05	
23 11 23 00-0082	EA	2" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	304.09	
23 11 23 00-0083		**Stub-Outs For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe** *(23 11 23 00-0010)* Note: Includes mounting plate.		
23 11 23 00-0084	EA	1/2" Appliance Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	33.65	
23 11 23 00-0085	EA	3/4" Appliance Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	36.68	
23 11 23 00-0086	EA	1/2" Fireplace Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	33.69	
23 11 23 00-0087	EA	1/2" Meter Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	33.80	
23 11 23 00-0088	EA	3/4" Meter Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	35.23	
23 11 23 00-0089	EA	1" Meter Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	41.89	
23 11 23 00-0090	EA	1-1/4" Meter Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	50.40	
23 11 23 00-0091		**Flush Mount Gas Valve Kits For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe** *(23 11 23 00-0010)* Note: Includes flush fitting plastic valve box and 90 degree brass shut-off valve.		
23 11 23 00-0092	EA	1/2" x 1/2", (CSST x Threaded) Flush Mount Gas Valve Kit For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	95.08	22.02
23 11 23 00-0093	EA	3/4" x 3/4", (CSST x Threaded) Flush Mount Gas Valve Kit For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	107.44	23.12
23 11 23 00-0094		**Shut-Off Valves For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe** *(23 11 23 00-0010)*		
23 11 23 00-0095	EA	3/8" x 1/2", (CSST x Threaded) Shut-Off Valve For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	68.17	19.27
23 11 23 00-0096	EA	1/2" x 1/2", (CSST x Threaded) Shut-Off Valve For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	79.31	22.90
23 11 23 00-0097	EA	3/4" x 3/4", (CSST x Threaded) Shut-Off Valve For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	97.33	27.53
23 11 23 00-0098	EA	1" x 3/4", (CSST x Threaded) Shut-Off Valve For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	121.72	36.77
23 11 23 00-0099		**Manifolds For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe** *(23 11 23 00-0010)* Note: Includes mounting hardware.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 23 00-0100	EA	1/2" Inlet, Three 1/2" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	83.74	22.90
23 11 23 00-0101	EA	3/4" Inlet, Three 1/2" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	95.01	27.53
23 11 23 00-0102	EA	1/2" Inlet, Four 1/2" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	89.72	22.90
23 11 23 00-0103	EA	3/4" Inlet, Four 1/2" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	98.89	27.53
23 11 23 00-0104	EA	2" x 1-1/2" Inlet, Four 1" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	188.34	68.81
23 11 23 00-0105		Pressure Regulators For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*		
23 11 23 00-0106	EA	1/2" Port, 250 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	88.57	22.90
23 11 23 00-0107	EA	1/2" Port, 355 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	88.57	22.90
23 11 23 00-0108	EA	1/2" Port, 425 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	124.35	22.90
23 11 23 00-0109	EA	3/4" Port, 550 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	133.52	27.53
23 11 23 00-0110	EA	3/4" Port, 810 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	133.52	27.53
23 11 23 00-0111	EA	1" Port, 550 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	151.86	36.77
23 11 23 00-0112	EA	1-1/4" Port, 1,000 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	227.32	41.28
23 11 23 00-0113	EA	1/2" Port, 200 MBTU Pressure Regulator With Over Pressure Protection Device For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	118.02	22.90
23 11 23 00-0114	EA	3/4" Port, 425 MBTU Pressure Regulator With Over Pressure Protection Device For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	295.53	27.53
23 11 23 00-0115	EA	1-1/4" Port, 900 MBTU Pressure Regulator With Over Pressure Protection Device For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	719.04	41.28
23 11 23 00-0116		Polymer Coated Stainless Steel, Flexible Gas Appliance Connectors (Brass Craft) *(23 11 23)*		
23 11 23 00-0117		3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0118	EA	12" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-12)	46.97	16.52
23 11 23 00-0119	EA	18" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-18)	51.43	17.61
23 11 23 00-0120	EA	24" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-24)	55.70	17.61
23 11 23 00-0121	EA	30" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-30)	58.41	18.71
23 11 23 00-0122	EA	36" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-36)	61.86	18.71
23 11 23 00-0123	EA	48" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-48)	69.51	19.82
23 11 23 00-0124	EA	60" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-60)	76.46	19.82
23 11 23 00-0125	EA	72" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-72)	83.34	20.92
23 11 23 00-0126		3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0127	EA	12" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-12)	46.97	16.52
23 11 23 00-0128	EA	18" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-18)	51.43	17.61
23 11 23 00-0129	EA	24" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-24)	55.70	17.61
23 11 23 00-0130	EA	30" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-30)	58.41	18.71
23 11 23 00-0131	EA	36" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-36)	61.86	18.71
23 11 23 00-0132	EA	48" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-48)	69.51	19.82
23 11 23 00-0133	EA	60" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-60)	76.46	19.82
23 11 23 00-0134	EA	72" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-72)	83.34	20.92
23 11 23 00-0135		3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0136	EA	12" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-12)	46.97	16.52
23 11 23 00-0137	EA	18" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-18)	51.43	17.61
23 11 23 00-0138	EA	24" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-24)	55.70	17.61
23 11 23 00-0139	EA	30" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-30)	58.41	18.71
23 11 23 00-0140	EA	36" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-36)	61.86	18.71
23 11 23 00-0141	EA	48" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-48)	69.51	19.82

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23 11 23 00-0142	EA	60" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-60)	76.46	19.82
23 11 23 00-0143	EA	72" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-72)	83.34	20.92
23 11 23 00-0144		**3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft)** *(23 11 23 00-0116)*		
23 11 23 00-0145	EA	12" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-12)	46.97	16.52
23 11 23 00-0146	EA	18" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-18)	51.43	17.61
23 11 23 00-0147	EA	24" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-24)	66.29	17.61
23 11 23 00-0148	EA	30" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-30)	58.41	18.71
23 11 23 00-0149	EA	36" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-36)	61.86	18.71
23 11 23 00-0150	EA	48" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-48)	69.51	19.82
23 11 23 00-0151	EA	60" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-60)	76.46	19.82
23 11 23 00-0152	EA	72" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-72)	83.34	20.92
23 11 23 00-0153		**3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft)** *(23 11 23 00-0116)*		
23 11 23 00-0154	EA	12" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-12)	51.05	16.52
23 11 23 00-0155	EA	18" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-18)	56.50	17.61
23 11 23 00-0156	EA	24" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-24)	55.70	17.61
23 11 23 00-0157	EA	30" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-30)	64.88	18.71
23 11 23 00-0158	EA	36" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-36)	61.86	18.71
23 11 23 00-0159	EA	48" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-48)	69.51	19.82
23 11 23 00-0160	EA	60" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-60)	76.46	19.82
23 11 23 00-0161	EA	72" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-72)	83.34	20.92
23 11 23 00-0162		**3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft)** *(23 11 23 00-0116)*		
23 11 23 00-0163	EA	12" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-12)	46.97	16.52
23 11 23 00-0164	EA	24" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-24)	61.70	17.61
23 11 23 00-0165	EA	30" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-30)	58.41	18.71
23 11 23 00-0166	EA	36" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-36)	61.86	18.71
23 11 23 00-0167	EA	48" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-48)	69.51	19.82
23 11 23 00-0168	EA	60" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-60)	87.26	19.82
23 11 23 00-0169	EA	72" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-72)	83.34	20.92
23 11 23 00-0170		**3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft)** *(23 11 23 00-0116)*		
23 11 23 00-0171	EA	12" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-12)	46.97	16.52
23 11 23 00-0172	EA	18" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-18)	51.43	17.61
23 11 23 00-0173	EA	24" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-24)	55.70	17.61
23 11 23 00-0174	EA	30" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-30)	58.41	18.71
23 11 23 00-0175	EA	36" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-36)	61.86	18.71
23 11 23 00-0176	EA	48" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-48)	69.51	19.82
23 11 23 00-0177	EA	60" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-60)	76.46	19.82
23 11 23 00-0178	EA	72" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-72)	83.34	20.92

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 23 00-0179		3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0180	EA	12" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-12)	46.97	16.52
23 11 23 00-0181	EA	18" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-18)	51.43	17.61
23 11 23 00-0182	EA	24" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-24)	55.70	17.61
23 11 23 00-0183	EA	30" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-30)	58.41	18.71
23 11 23 00-0184	EA	36" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-36)	61.86	18.71
23 11 23 00-0185	EA	48" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-48)	69.51	19.82
23 11 23 00-0186	EA	60" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-60)	76.46	19.82
23 11 23 00-0187	EA	72" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-72)	83.34	20.92
23 11 23 00-0188		3/4" FIP Elbow x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0189	EA	18" Length, 3/4" FIP Elbow x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC34-18)	56.50	17.61
23 11 23 00-0190	EA	24" Length, 3/4" FIP Elbow x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC34-24)	55.70	17.61
23 11 23 00-0191	EA	30" Length, 3/4" FIP Elbow x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC34-30)	64.88	18.71
23 11 23 00-0192	EA	36" Length, 3/4" FIP Elbow x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC34-36)	69.02	18.71
23 11 23 00-0193	EA	48" Length, 3/4" FIP Elbow x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC34-48)	78.60	19.82
23 11 23 00-0194		1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0195	EA	12" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-12)	46.97	16.52
23 11 23 00-0196	EA	18" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-18)	51.43	17.61
23 11 23 00-0197	EA	24" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-24)	51.46	17.61
23 11 23 00-0198	EA	30" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-30)	58.41	18.71
23 11 23 00-0199	EA	36" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-36)	56.79	18.71
23 11 23 00-0200	EA	48" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-48)	71.05	19.82
23 11 23 00-0201	EA	60" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-60)	76.46	19.82
23 11 23 00-0202	EA	72" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-72)	83.34	20.92
23 11 23 00-0203		1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0204	EA	12" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-12)	46.97	16.52
23 11 23 00-0205	EA	18" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-18)	47.97	17.61
23 11 23 00-0206	EA	24" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-24)	49.12	17.61
23 11 23 00-0207	EA	30" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-30)	58.41	18.71
23 11 23 00-0208	EA	36" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-36)	61.86	18.71
23 11 23 00-0209	EA	48" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-48)	62.89	19.82
23 11 23 00-0210	EA	60" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-60)	76.46	19.82
23 11 23 00-0211	EA	72" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-72)	83.34	20.92
23 11 23 00-0212		1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0213	EA	12" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-12)	46.97	16.52

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 23 00-0214	EA	18" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-18)	51.43	17.61
23 11 23 00-0215	EA	24" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-24)	55.70	17.61
23 11 23 00-0216	EA	30" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-30)	58.41	18.71
23 11 23 00-0217	EA	36" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-36)	53.26	18.71
23 11 23 00-0218	EA	48" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-48)	69.51	19.82
23 11 23 00-0219	EA	60" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-60)	76.46	19.82
23 11 23 00-0220	EA	72" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-72)	83.34	20.92
23 11 23 00-0221		3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0222	EA	12" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-12)	61.51	16.52
23 11 23 00-0223	EA	18" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-18)	65.95	17.61
23 11 23 00-0224	EA	24" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-24)	70.21	17.61
23 11 23 00-0225	EA	30" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-30)	72.91	18.71
23 11 23 00-0226	EA	36" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-36)	76.49	18.71
23 11 23 00-0227	EA	48" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-48)	83.69	19.82
23 11 23 00-0228	EA	60" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-60)	91.23	19.82
23 11 23 00-0229	EA	72" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-72)	98.12	20.92
23 11 23 00-0230		3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0231	EA	12" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-12)	72.52	22.02
23 11 23 00-0232	EA	18" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-18)	76.96	23.12
23 11 23 00-0233	EA	24" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-24)	81.22	23.12
23 11 23 00-0234	EA	30" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-30)	83.92	24.22
23 11 23 00-0235	EA	36" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-36)	87.49	24.22
23 11 23 00-0236	EA	48" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-48)	94.70	25.32
23 11 23 00-0237	EA	60" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-60)	102.24	25.32
23 11 23 00-0238	EA	72" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-72)	109.14	26.42
23 11 23 00-0239		3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0240	EA	12" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-12)	72.52	22.02
23 11 23 00-0241	EA	18" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-18)	76.96	23.12
23 11 23 00-0242	EA	24" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-24)	81.22	23.12
23 11 23 00-0243	EA	30" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-30)	83.92	24.22
23 11 23 00-0244	EA	36" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-36)	87.49	24.22
23 11 23 00-0245	EA	48" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-48)	94.70	25.32
23 11 23 00-0246	EA	60" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-60)	102.24	25.32
23 11 23 00-0247	EA	72" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-72)	109.14	26.42
23 11 23 00-0248		3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0249	EA	12" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-12)	84.35	22.02
23 11 23 00-0250	EA	18" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-18)	88.78	23.12

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 23 00-0251	EA	24" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-24)	93.05	23.12
23 11 23 00-0252	EA	30" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-30)	95.74	24.22
23 11 23 00-0253	EA	36" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-36)	99.33	24.22
23 11 23 00-0254	EA	48" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-48)	106.53	25.32
23 11 23 00-0255	EA	60" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-60)	114.07	25.32
23 11 23 00-0256		3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0257	EA	12" Length, 3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2P-12)	84.35	22.02
23 11 23 00-0258	EA	18" Length, 3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2P-18)	88.78	23.12
23 11 23 00-0259	EA	24" Length, 3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2P-24)	93.05	23.12
23 11 23 00-0260	EA	36" Length, 3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2P-36)	99.33	24.22
23 11 23 00-0261	EA	48" Length, 3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2P-48)	106.53	25.32
23 11 23 00-0262	EA	60" Length, 3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2P-60)	114.07	25.32
23 11 23 00-0263		1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0264	EA	12" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-12)	84.35	22.02
23 11 23 00-0265	EA	18" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-18)	88.78	23.12
23 11 23 00-0266	EA	24" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-24)	93.05	23.12
23 11 23 00-0267	EA	30" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-30)	95.74	24.22
23 11 23 00-0268	EA	36" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-36)	99.33	24.22
23 11 23 00-0269	EA	48" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-48)	106.53	25.32
23 11 23 00-0270	EA	60" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-60)	114.07	25.32
23 11 23 00-0271	EA	72" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-72)	120.97	26.42
23 11 23 00-0272		1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0273	EA	12" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-12)	69.40	22.02
23 11 23 00-0274	EA	18" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-18)	73.86	23.12
23 11 23 00-0275	EA	24" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-24)	78.14	23.12
23 11 23 00-0276	EA	30" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-30)	80.81	24.22
23 11 23 00-0277	EA	36" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-36)	84.39	24.22
23 11 23 00-0278	EA	48" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-48)	91.58	25.32
23 11 23 00-0279	EA	72" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-72)	105.99	26.42
23 11 23 00-0280		1/2" FIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0281	EA	18" Length, 1/2" FIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC5K-18)	82.27	23.12
23 11 23 00-0282	EA	24" Length, 1/2" FIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC5K-24)	87.48	23.12
23 11 23 00-0283		Quarter-Turn, Gas Ball Valve *(23 11 23)*		
23 11 23 00-0284	EA	3/8" FIP x FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top™ T-3000 102-102)	43.33	11.72
23 11 23 00-0285	EA	1/2" FIP x FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-103)	43.65	11.96
23 11 23 00-0286	EA	3/4" FIP x FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-104)	62.56	13.15
23 11 23 00-0287	EA	3/8" Flare x 1/2" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-112)	42.97	11.72
23 11 23 00-0288	EA	1/2" Flare x 1/2" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-113)	45.35	11.96
23 11 23 00-0289	EA	1/2" Flare x 3/4" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-118)	50.35	11.96

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 23 00-0290	EA	5/8" Flare x 1/2" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-121)	54.91	12.55
23 11 23 00-0291	EA	5/8" (7/8" -14) Flare x 3/4" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-114)	57.46	12.55
23 11 23 00-0292	EA	5/8" (15/16" -16) Flare x 3/4" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-115)	57.46	12.55
23 11 23 00-0293	EA	3/8" Flare x Flare, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-312)	44.87	11.72
23 11 23 00-0294	EA	1/2" Flare x Flare, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-313)	47.25	11.96
23 11 23 00-0295	EA	5/8" Flare x Flare, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-314)	58.81	12.55
23 11 23 00-0296	EA	1/2" FIP x 1/8" Texas Pattern, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-413)	47.50	11.96
23 11 23 00-0297	EA	3/4" FIP x 1/8" Texas Pattern, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-414)	64.00	13.15
23 11 23 00-0298	EA	3/8" (9/16" -24) Flare x 1/2" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-119)	44.78	11.72
23 11 23 00-0299	EA	3/8" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-612)	42.72	11.72
23 11 23 00-0300	EA	1/2" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-613)	43.64	11.96
23 11 23 00-0301	EA	3/4" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-614)	59.81	13.15
23 11 23 00-0302	EA	1" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-615)	80.69	14.95
23 11 23 00-0303	EA	1-1/4" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-616)	114.86	15.54
23 11 23 00-0304	EA	1-1/2" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-617)	136.28	17.93
23 11 23 00-0305	EA	2" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-618)	167.86	21.52
23 11 23 00-0306	EA	1/2" Flathead, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3002 102-713)	44.74	11.96
23 11 23 00-0307	EA	3/4" Flathead, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3002 102-714)	59.48	13.15
23 11 23 00-0308		Gas Stops *(23 11 23)*		
23 11 23 00-0309		Brass/Bronze Gas Stops *(23 11 23 00-0308)*		
		Note: Flat or square head		
23 11 23 00-0310	EA	3/8" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596)	56.38	11.96
23 11 23 00-0311	EA	1/2" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596)	56.23	11.96
23 11 23 00-0312	EA	3/4" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596)	73.66	13.15
23 11 23 00-0313	EA	1" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596)	104.69	14.95
23 11 23 00-0314	EA	1-1/4" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596)	139.71	15.91
23 11 23 00-0315	EA	1-1/2" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596)	176.95	18.41
23 11 23 00-0316	EA	2" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596)	247.49	21.75
23 11 23 00-0317		Iron Body Gas Stops *(23 11 23 00-0308)*		
23 11 23 00-0318	EA	1/2" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B)	77.27	11.96
23 11 23 00-0319	EA	3/4" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B)	94.36	13.15
23 11 23 00-0320	EA	1" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B)	117.17	14.95
23 11 23 00-0321	EA	1-1/4" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B)	151.83	15.91
23 11 23 00-0322	EA	1-1/2" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B)	192.18	18.41
23 11 23 00-0323	EA	2" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B)	250.95	21.75
23 11 23 00-0324	EA	2-1/2" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B)	493.92	29.40
23 11 23 00-0325	EA	3" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B)	665.94	34.13
23 11 23 00-0326		Bronze Body Solenoid Valves, 150 PSI Gas *(23 11 23)*		
23 11 23 00-0327	EA	1/4" Solenoid Valve, Bronze, 150 PSI, Gas	204.89	11.96
23 11 23 00-0328	EA	1/2" Solenoid Valve, Bronze, 150 PSI, Gas	239.11	11.96
23 11 23 00-0329	EA	3/4" Solenoid Valve, Bronze, 150 PSI, Gas	304.17	13.15
23 11 23 00-0330	EA	1" Solenoid Valve, Bronze, 150 PSI, Gas	457.92	14.95
23 11 23 00-0331	EA	1-1/2" Solenoid Valve, Bronze, 150 PSI, Gas	821.19	18.41
23 11 23 00-0332	EA	2" Solenoid Valve, Bronze, 150 PSI, Gas	1,402.93	21.75
23 11 23 00-0333	EA	2-1/2" Solenoid Valve, Bronze, 150 PSI, Gas	1,736.73	29.40
23 11 23 00-0334	EA	3" Solenoid Valve, Bronze, 150 PSI, Gas	2,622.62	34.13

23 12 Facility Fuel Pumps *(23 10)*

23 12 13 Facility Fuel-Oil Pumps *(23 12)*

23 12 13 00-0001		Cast Iron Internal Gear Rotary Pump *(23 12 13)*		
		Note: Heavy-duty type with relief valve, 1150 RPM drip-proof motor, common base plate. For viscosity to 20 centipoise; diesel oil, and light oil.		
23 12 13 00-0002		10 GPM 1" Discharge *(23 12 13 00-0001)*		
23 12 13 00-0003	EA	10 GPM Cast Iron Rotary Pump, 20 PSI 1/2 HP With 1" Discharge	1,528.93	319.43
23 12 13 00-0004	EA	10 GPM Cast Iron Rotary Pump, 40 PSI 3/4 HP With 1" Discharge	1,607.00	386.62
23 12 13 00-0005	EA	10 GPM Cast Iron Rotary Pump, 60 PSI 1 HP With 1" Discharge	1,761.42	459.32
23 12 13 00-0006		25 GPM 1-1/4" Discharge *(23 12 13 00-0001)*		
23 12 13 00-0007	EA	25 GPM Cast Iron Rotary Pump, 20 PSI 1 HP With 1-1/4" Discharge	1,654.19	319.43
23 12 13 00-0008	EA	25 GPM Cast Iron Rotary Pump, 40 PSI 1.5 HP With 1-1/4" Discharge	1,743.12	386.62
23 12 13 00-0009	EA	25 GPM Cast Iron Rotary Pump, 60 PSI 2 HP With 1-1/4" Discharge	1,831.86	459.32
23 12 13 00-0010		Pump, Fuel Oil, 2 Stage 3450 RPM 100 PSI *(23 12 13)*		
23 12 13 00-0011	EA	1/4 HP Pump Fuel Oil/Diesel	1,152.01	178.99

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 12 13 00-0012	EA	1/3 HP Pump Fuel Oil/Diesel	1,352.57	200.47
23 12 13 00-0013	EA	1/2 HP Pump Fuel Oil/Diesel	1,479.87	224.70
23 12 13 00-0014	EA	3/4 HP Pump Fuel Oil/Diesel	1,615.99	253.34
23 12 13 00-0015	EA	1 HP Pump Fuel Oil/Diesel	2,259.13	281.98
23 12 13 00-0016	EA	1-1/2 HP Pump Fuel Oil/Diesel	2,757.57	315.57
23 12 13 00-0017	EA	2 HP Pump Fuel Oil/Diesel	3,056.67	353.58
23 12 13 00-0018	EA	3 HP Pump Fuel Oil/Diesel	3,720.27	395.43
23 12 13 00-0019	EA	5 HP Pump Fuel Oil/Diesel	4,381.10	443.35
23 12 13 00-0020	EA	7.5 HP Pump Fuel Oil/Diesel	4,905.41	497.33
23 12 13 00-0021	EA	10 HP Pump Fuel Oil/Diesel	5,499.78	557.46

23 12 23 Facility Natural-Gas Pumps *(23 12)*

23 12 23 00-0001 Natural Gas Booster Pump *(23 12 23)*

23 12 23 00-0002	EA	Natural Gas Booster Pump, 3/4" Outlet Size	1,244.91	165.23
23 12 23 00-0003	EA	Natural Gas Booster Pump, 1" Outlet Size	1,478.36	184.49
23 12 23 00-0004	EA	Natural Gas Booster Pump, 1-1/4" Outlet Size	1,659.76	192.76
23 12 23 00-0005	EA	Natural Gas Booster Pump, 1-1/2" Outlet Size	1,886.11	201.02
23 12 23 00-0006	EA	Natural Gas Booster Pump, 2" Outlet Size	2,137.00	206.53

23 13 Facility Fuel-Storage Tanks *(23 10)*

23 13 13 Facility Underground Fuel-Oil, Storage Tanks *(23 13)*

23 13 13 13 Double-Wall Steel, Underground Fuel-Oil, Storage Tanks *(23 13 13)*

23 13 13 13-0001 Coated Underground Double Wall Storage Tanks *(23 13 13 13)*

Note: Includes setting in place with hold down bars and manway and 4" NPT connections as follows: up to 1000 gallon, 4 each: all others 6 each. Excludes excavation, pad, plastic lining, pumps and piping.

23 13 13 13-0002	EA	250 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	17,543.27	770.86
23 13 13 13-0003	EA	550 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	18,961.32	770.86
23 13 13 13-0004	EA	1,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	27,418.32	963.51
23 13 13 13-0005	EA	2,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	37,481.09	1,881.96
23 13 13 13-0006	EA	3,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	59,750.17	2,419.54
23 13 13 13-0007	EA	4,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	66,553.39	2,778.91
23 13 13 13-0008	EA	5,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	71,761.59	3,674.30
23 13 13 13-0009	EA	6,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	74,189.72	3,944.99
23 13 13 13-0010	EA	8,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	90,565.39	4,660.51
23 13 13 13-0011	EA	10,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	104,890.07	5,375.56
23 13 13 13-0012	EA	12,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	134,295.52	5,911.45
23 13 13 13-0013	EA	14,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	159,183.69	7,177.45
23 13 13 13-0014	EA	15,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	164,401.10	7,617.14
23 13 13 13-0015	EA	20,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	201,386.14	12,082.36
23 13 13 13-0016	EA	25,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	247,395.06	15,667.85
23 13 13 13-0017	EA	30,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	291,553.26	17,926.88
23 13 13 13-0018	EA	40,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	375,441.33	19,271.39
23 13 13 13-0019	EA	48,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	509,400.34	19,765.58

23 13 13 23 Glass-Fiber-Reinforced-Plastic, Underground Fuel-Oil, Storage Tanks *(23 13 13)*

23 13 13 23-0001 Underground Fiberglass Storage Tanks *(23 13 13 23)*

23 13 13 23-0002 Single Wall Fiberglass Underground Storage Tanks *(23 13 13 23-0001)*

Note: Includes setting in place with hold down bars, fittings, bumper pads, flow channels, monitoring fitting, tank bottom deflector gauge plates, manway, anchor straps and 4" NPT tank mounted fitting connections as follows: 550 gallon or 1,000 gallon, 4 each: all others 6 each. Excludes excavation and backfill.

23 13 13 23-0003	EA	550 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	4,651.19	770.86
23 13 13 23-0004	EA	1,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	5,843.38	963.51
23 13 13 23-0005	EA	2,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	7,597.52	1,192.14
23 13 13 23-0006	EA	2,500 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	8,613.11	1,452.08
23 13 13 23-0007	EA	3,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	9,625.44	1,703.05
23 13 13 23-0008	EA	4,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	11,684.28	2,240.86
23 13 13 23-0009	EA	5,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	13,816.56	3,406.11
23 13 13 23-0010	EA	6,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	15,559.22	4,302.45
23 13 13 23-0011	EA	8,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	18,715.57	4,840.26
23 13 13 23-0012	EA	10,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	21,019.37	5,736.60
23 13 13 23-0013	EA	12,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	27,174.83	6,812.21
23 13 13 23-0014	EA	15,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	33,376.23	8,515.27
23 13 13 23-0015	EA	20,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	42,052.50	11,383.57
23 13 13 23-0016	EA	25,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	63,246.89	14,162.23
23 13 13 23-0017	EA	30,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	77,601.20	17,030.54
23 13 13 23-0018	EA	40,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	110,680.24	24,649.46
23 13 13 23-0019	EA	50,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	158,157.23	31,372.04

23 13 13 23-0020 Double Wall Fiberglass Underground Storage Tanks *(23 13 13 23-0001)*

Note: Includes setting in place with hold down bars, fittings, bumper pads, flow channels, monitoring fitting, tank bottom deflector gauge plates, manway, anchor straps and 4" NPT tank mounted fitting connections as follows: 550 gallon or 1,000 gallon, 4 each: all others 6 each. Excludes excavation and backfill.

23 13 13 23-0021	EA	550 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	9,070.94	770.86

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 13 23-0022	EA	1,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	11,963.32	963.51
23 13 13 23-0023	EA	2,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	14,342.37	1,165.25
23 13 13 23-0024	EA	3,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	18,620.18	1,703.17
23 13 13 23-0025	EA	4,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	20,866.41	2,240.86
23 13 13 23-0026	EA	5,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	23,910.66	3,406.11
23 13 13 23-0027	EA	6,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	26,552.79	4,302.45
23 13 13 23-0028	EA	8,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	32,707.40	4,840.26
23 13 13 23-0029	EA	10,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	35,011.19	5,736.60
23 13 13 23-0030	EA	12,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	42,415.93	6,812.21
23 13 13 23-0031	EA	15,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	58,424.09	8,515.27
23 13 13 23-0032	EA	20,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	72,284.83	11,383.57
23 13 13 23-0033	EA	30,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	111,831.20	17,030.54

23 13 13 23-0034 Underground Storage Tank Pump Enclosures *(23 13 13 23)*

23 13 13 23-0035	EA	Secondary Containment Collar	3,288.36	
23 13 13 23-0036	EA	Turbine Enclosure With Lid 4' Long x 42" Diameter	3,288.36	
23 13 13 23-0037	EA	Fitting Kit For Turbine Enclosure	657.67	
23 13 13 23-0038	EA	Grommet Kits For Plumbing And Electrical	1,315.34	
23 13 13 23-0039	EA	Turbine Electrical Coupling Kit	1,644.18	

23 13 23 Facility Aboveground Fuel-Oil, Storage Tanks *(23 13)*

23 13 23 13 Vertical, Steel, Aboveground Fuel-Oil, Storage Tanks *(23 13 23)*

23 13 23 13-0001 Vertical Rectangular Double Wall Steel Fuel Day Tank *(23 13 23 13)*

Note: Includes day tank with standard equipment, pump, pump control, level control, backup level control, level alarms, alarm outputs.

23 13 23 13-0002	EA	10 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,187.23	143.53
23 13 23 13-0003	EA	15 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,274.61	150.70
23 13 23 13-0004	EA	25 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,383.42	161.46
23 13 23 13-0005	EA	50 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,588.21	172.23
23 13 23 13-0006	EA	60 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,769.90	179.41
23 13 23 13-0007	EA	75 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	2,086.84	215.28
23 13 23 13-0008	EA	100 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	2,804.94	251.16
23 13 23 13-0009	EA	150 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	3,547.04	287.04
23 13 23 13-0010	EA	200 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	4,546.29	322.92
23 13 23 13-0011	EA	275 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	5,067.24	358.81
23 13 23 13-0012	EA	300 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	5,800.57	430.57
23 13 23 13-0013	EA	350 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	6,499.61	502.33
23 13 23 13-0014	EA	400 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	7,219.23	574.09
23 13 23 13-0015	EA	450 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	8,009.33	609.97
23 13 23 13-0016	EA	500 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	8,804.57	645.85
23 13 23 13-0017	EA	550 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	9,707.82	681.73
23 13 23 13-0018	EA	600 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	10,497.92	717.61
23 13 23 13-0019	EA	700 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	11,697.15	861.14
23 13 23 13-0020	EA	800 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	12,617.33	932.89
23 13 23 13-0021	EA	900 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	13,852.56	1,076.42
23 13 23 13-0022	EA	1,000 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	15,092.93	1,219.95
23 13 23 13-0023	EA	10 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,437.52	143.53
23 13 23 13-0024	EA	15 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,526.61	150.70
23 13 23 13-0025	EA	25 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,635.42	161.46
23 13 23 13-0026	EA	50 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,838.50	172.23
23 13 23 13-0027	EA	60 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	2,020.19	179.41
23 13 23 13-0028	EA	75 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	2,338.85	215.28

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 23 13-0029	EA	100 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	3,080.95	251.16
23 13 23 13-0030	EA	150 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	3,823.05	287.04
23 13 23 13-0031	EA	200 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	4,822.30	322.92
23 13 23 13-0032	EA	275 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	5,343.25	358.81
23 13 23 13-0033	EA	300 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	6,076.57	430.57
23 13 23 13-0034	EA	350 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	6,775.61	502.33
23 13 23 13-0035	EA	400 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	7,495.24	574.09
23 13 23 13-0036	EA	450 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	8,285.34	609.97
23 13 23 13-0037	EA	500 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	9,080.58	645.85
23 13 23 13-0038	EA	550 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	9,985.54	681.73
23 13 23 13-0039	EA	600 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	10,775.64	717.61
23 13 23 13-0040	EA	700 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	11,973.15	861.14
23 13 23 13-0041	EA	800 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	12,893.33	932.89
23 13 23 13-0042	EA	900 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	14,128.56	1,076.42
23 13 23 13-0043	EA	1,000 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	15,368.94	1,219.95
23 13 23 13-0044	EA	10 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,385.54	143.53
23 13 23 13-0045	EA	15 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,464.35	150.70
23 13 23 13-0046	EA	25 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,535.44	161.46
23 13 23 13-0047	EA	50 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,807.09	172.23
23 13 23 13-0048	EA	60 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,909.92	179.41
23 13 23 13-0049	EA	75 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,216.58	215.28
23 13 23 13-0050	EA	100 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,871.25	251.16
23 13 23 13-0051	EA	150 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	4,884.21	287.04
23 13 23 13-0052	EA	200 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	5,492.59	322.92
23 13 23 13-0053	EA	275 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	7,175.86	358.81
23 13 23 13-0054	EA	300 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	8,111.47	430.57
23 13 23 13-0055	EA	350 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	8,676.80	502.33
23 13 23 13-0056	EA	400 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	9,444.42	574.09
23 13 23 13-0057	EA	450 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	10,198.52	609.97
23 13 23 13-0058	EA	500 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	11,192.62	645.85
23 13 23 13-0059	EA	550 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	11,607.29	681.73
23 13 23 13-0060	EA	600 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	11,979.09	717.61
23 13 23 13-0061	EA	700 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	13,704.62	861.14
23 13 23 13-0062	EA	800 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	15,373.95	932.89
23 13 23 13-0063	EA	900 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	17,202.34	1,076.42
23 13 23 13-0064	EA	1,000 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	19,059.87	1,219.95
23 13 23 13-0065	EA	10 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,516.99	143.53
23 13 23 13-0066	EA	15 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,595.80	150.70
23 13 23 13-0067	EA	25 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,666.89	161.46
23 13 23 13-0068	EA	50 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,938.54	172.23
23 13 23 13-0069	EA	60 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	4,041.37	179.41
23 13 23 13-0070	EA	75 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	4,348.03	215.28

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 23 13-0071	EA	100 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	5,002.70	251.16
23 13 23 13-0072	EA	150 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	6,015.66	287.04
23 13 23 13-0073	EA	200 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	6,699.48	322.92
23 13 23 13-0074	EA	275 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	7,913.01	358.81
23 13 23 13-0075	EA	300 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	8,848.63	430.57
23 13 23 13-0076	EA	350 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	9,415.67	502.33
23 13 23 13-0077	EA	400 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	10,181.58	574.09
23 13 23 13-0078	EA	450 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	10,937.39	609.97
23 13 23 13-0079	EA	500 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	11,929.78	645.85
23 13 23 13-0080	EA	550 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	12,344.44	681.73
23 13 23 13-0081	EA	600 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	12,716.25	717.61
23 13 23 13-0082	EA	700 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	14,441.78	861.14
23 13 23 13-0083	EA	800 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	16,112.83	932.89
23 13 23 13-0084	EA	900 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	17,939.50	1,076.42
23 13 23 13-0085	EA	1,000 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	19,797.02	1,219.95
23 13 23 13-0086	EA	10 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,149.57	143.53
23 13 23 13-0087	EA	15 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,236.95	150.70
23 13 23 13-0088	EA	25 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,309.76	161.46
23 13 23 13-0089	EA	50 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,589.98	172.23
23 13 23 13-0090	EA	60 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,740.81	179.41
23 13 23 13-0091	EA	75 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,020.05	215.28
23 13 23 13-0092	EA	100 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,700.43	251.16
23 13 23 13-0093	EA	150 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	6,761.39	287.04
23 13 23 13-0094	EA	200 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	7,392.06	322.92
23 13 23 13-0095	EA	275 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	9,140.47	358.81
23 13 23 13-0096	EA	300 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	10,124.08	430.57
23 13 23 13-0097	EA	350 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	10,636.26	502.33
23 13 23 13-0098	EA	400 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	11,506.75	574.09
23 13 23 13-0099	EA	450 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	12,418.56	609.97
23 13 23 13-0100	EA	500 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	13,335.52	645.85
23 13 23 13-0101	EA	550 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	13,799.90	681.73
23 13 23 13-0102	EA	600 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	14,145.99	717.61
23 13 23 13-0103	EA	700 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	15,948.66	861.14

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 23 13-0104	EA	800 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	17,698.57	932.89
23 13 23 13-0105	EA	900 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	19,607.53	1,076.42
23 13 23 13-0106	EA	1,000 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	21,542.20	1,219.95
23 13 23 13-0107	EA	10 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,281.03	143.53
23 13 23 13-0108	EA	15 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,368.41	150.70
23 13 23 13-0109	EA	25 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,441.21	161.46
23 13 23 13-0110	EA	50 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,721.43	172.23
23 13 23 13-0111	EA	60 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,872.26	179.41
23 13 23 13-0112	EA	75 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	6,148.07	215.28
23 13 23 13-0113	EA	100 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	6,831.88	251.16
23 13 23 13-0114	EA	150 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	7,892.84	287.04
23 13 23 13-0115	EA	200 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	8,523.51	322.92
23 13 23 13-0116	EA	275 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	9,877.62	358.81
23 13 23 13-0117	EA	300 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	10,861.24	430.57
23 13 23 13-0118	EA	350 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	11,544.85	502.33
23 13 23 13-0119	EA	400 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	12,243.90	574.09
23 13 23 13-0120	EA	450 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	13,155.72	609.97
23 13 23 13-0121	EA	500 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	14,072.68	645.85
23 13 23 13-0122	EA	550 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	14,537.06	681.73
23 13 23 13-0123	EA	600 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	14,884.87	717.61
23 13 23 13-0124	EA	700 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	16,685.82	861.14
23 13 23 13-0125	EA	800 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	18,435.73	932.89
23 13 23 13-0126	EA	900 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	20,344.69	1,076.42
23 13 23 13-0127	EA	1,000 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	22,279.36	1,219.95
23 13 23 13-0128	EA	150% Containment Double Wall Open Top Basin For 10 Gallon Tank	1,176.05	143.53
23 13 23 13-0129	EA	150% Containment Double Wall Open Top Basin For 15 Gallon Tank	1,273.99	150.70
23 13 23 13-0130	EA	150% Containment Double Wall Open Top Basin For 25 Gallon Tank	1,382.46	161.46
23 13 23 13-0131	EA	150% Containment Double Wall Open Top Basin For 50 Gallon Tank	1,579.16	172.23
23 13 23 13-0132	EA	150% Containment Double Wall Open Top Basin For 60 Gallon Tank	2,095.75	179.41
23 13 23 13-0133	EA	150% Containment Double Wall Open Top Basin For 75 Gallon Tank	2,155.55	215.28
23 13 23 13-0134	EA	150% Containment Double Wall Open Top Basin For 100 Gallon Tank	2,708.67	251.16
23 13 23 13-0135	EA	150% Containment Double Wall Open Top Basin For 150 Gallon Tank	3,350.03	287.04
23 13 23 13-0136	EA	150% Containment Double Wall Open Top Basin For 200 Gallon Tank	4,396.46	322.92
23 13 23 13-0137	EA	150% Containment Double Wall Open Top Basin For 275 Gallon Tank	5,519.82	358.81
23 13 23 13-0138	EA	150% Containment Double Wall Open Top Basin For 300 Gallon Tank	6,626.05	430.57
23 13 23 13-0139	EA	150% Containment Double Wall Open Top Basin For 350 Gallon Tank	7,123.55	502.33
23 13 23 13-0140	EA	150% Containment Double Wall Open Top Basin For 400 Gallon Tank	7,623.33	574.09

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 23 13-0141	EA	150% Containment Double Wall Open Top Basin For 450 Gallon Tank	8,368.79	609.97
23 13 23 13-0142	EA	150% Containment Double Wall Open Top Basin For 500 Gallon Tank	9,116.51	645.85
23 13 23 13-0143	EA	150% Containment Double Wall Open Top Basin For 550 Gallon Tank	9,766.95	681.73
23 13 23 13-0144	EA	150% Containment Double Wall Open Top Basin For 600 Gallon Tank	10,424.14	717.61
23 13 23 13-0145	EA	150% Containment Double Wall Open Top Basin For 700 Gallon Tank	11,799.32	861.14
23 13 23 13-0146	EA	150% Containment Double Wall Open Top Basin For 800 Gallon Tank	13,095.62	932.89
23 13 23 13-0147	EA	150% Containment Double Wall Open Top Basin For 900 Gallon Tank	14,547.75	1,076.42
23 13 23 13-0148	EA	150% Containment Double Wall Open Top Basin For 1,000 Gallon Tank	15,950.09	1,219.95
23 13 23 13-0149	EA	200% Containment Double Wall Open Top Basin For 10 Gallon Tank	1,240.05	150.70
23 13 23 13-0150	EA	200% Containment Double Wall Open Top Basin For 15 Gallon Tank	1,348.77	161.46
23 13 23 13-0151	EA	200% Containment Double Wall Open Top Basin For 25 Gallon Tank	1,462.24	172.23
23 13 23 13-0152	EA	200% Containment Double Wall Open Top Basin For 50 Gallon Tank	1,662.91	179.41
23 13 23 13-0153	EA	200% Containment Double Wall Open Top Basin For 60 Gallon Tank	2,255.37	215.28
23 13 23 13-0154	EA	200% Containment Double Wall Open Top Basin For 75 Gallon Tank	2,315.17	251.16
23 13 23 13-0155	EA	200% Containment Double Wall Open Top Basin For 100 Gallon Tank	2,895.69	287.04
23 13 23 13-0156	EA	200% Containment Double Wall Open Top Basin For 150 Gallon Tank	3,569.37	322.92
23 13 23 13-0157	EA	200% Containment Double Wall Open Top Basin For 200 Gallon Tank	4,670.61	358.81
23 13 23 13-0158	EA	200% Containment Double Wall Open Top Basin For 275 Gallon Tank	5,853.06	394.69
23 13 23 13-0159	EA	200% Containment Double Wall Open Top Basin For 300 Gallon Tank	7,014.09	466.45
23 13 23 13-0160	EA	200% Containment Double Wall Open Top Basin For 350 Gallon Tank	7,532.60	538.21
23 13 23 13-0161	EA	200% Containment Double Wall Open Top Basin For 400 Gallon Tank	8,053.49	609.97
23 13 23 13-0162	EA	200% Containment Double Wall Open Top Basin For 450 Gallon Tank	8,837.04	645.85
23 13 23 13-0163	EA	200% Containment Double Wall Open Top Basin For 500 Gallon Tank	9,622.98	681.73
23 13 23 13-0164	EA	200% Containment Double Wall Open Top Basin For 550 Gallon Tank	10,306.23	717.61
23 13 23 13-0165	EA	200% Containment Double Wall Open Top Basin For 600 Gallon Tank	11,056.42	789.38
23 13 23 13-0166	EA	200% Containment Double Wall Open Top Basin For 700 Gallon Tank	12,494.70	932.89
23 13 23 13-0167	EA	200% Containment Double Wall Open Top Basin For 800 Gallon Tank	13,975.99	1,076.42
23 13 23 13-0168	EA	200% Containment Double Wall Open Top Basin For 900 Gallon Tank	15,495.50	1,219.95
23 13 23 13-0169	EA	200% Containment Double Wall Open Top Basin For 1,000 Gallon Tank	16,962.45	1,363.46
23 13 23 13-0170	EA	150% Containment Double Wall Sealed Top Basin For 10 Gallon Tank	1,354.82	143.53
23 13 23 13-0171	EA	150% Containment Double Wall Sealed Top Basin For 15 Gallon Tank	1,475.39	150.70
23 13 23 13-0172	EA	150% Containment Double Wall Sealed Top Basin For 25 Gallon Tank	1,597.43	161.46
23 13 23 13-0173	EA	150% Containment Double Wall Sealed Top Basin For 50 Gallon Tank	1,839.39	172.23
23 13 23 13-0174	EA	150% Containment Double Wall Sealed Top Basin For 60 Gallon Tank	2,453.29	179.41
23 13 23 13-0175	EA	150% Containment Double Wall Sealed Top Basin For 75 Gallon Tank	2,513.09	215.28
23 13 23 13-0176	EA	150% Containment Double Wall Sealed Top Basin For 100 Gallon Tank	3,147.67	251.16
23 13 23 13-0177	EA	150% Containment Double Wall Sealed Top Basin For 150 Gallon Tank	3,895.39	287.04
23 13 23 13-0178	EA	150% Containment Double Wall Sealed Top Basin For 200 Gallon Tank	5,126.76	322.92
23 13 23 13-0179	EA	150% Containment Double Wall Sealed Top Basin For 275 Gallon Tank	6,506.45	358.81
23 13 23 13-0180	EA	150% Containment Double Wall Sealed Top Basin For 300 Gallon Tank	7,814.07	430.57
23 13 23 13-0181	EA	150% Containment Double Wall Sealed Top Basin For 350 Gallon Tank	8,381.73	502.33
23 13 23 13-0182	EA	150% Containment Double Wall Sealed Top Basin For 400 Gallon Tank	8,953.92	574.09
23 13 23 13-0183	EA	150% Containment Double Wall Sealed Top Basin For 450 Gallon Tank	9,841.94	609.97
23 13 23 13-0184	EA	150% Containment Double Wall Sealed Top Basin For 500 Gallon Tank	10,732.22	645.85
23 13 23 13-0185	EA	150% Containment Double Wall Sealed Top Basin For 550 Gallon Tank	11,489.00	681.73
23 13 23 13-0186	EA	150% Containment Double Wall Sealed Top Basin For 600 Gallon Tank	12,263.88	717.61
23 13 23 13-0187	EA	150% Containment Double Wall Sealed Top Basin For 700 Gallon Tank	13,876.67	861.14
23 13 23 13-0188	EA	150% Containment Double Wall Sealed Top Basin For 800 Gallon Tank	15,412.83	932.89
23 13 23 13-0189	EA	150% Containment Double Wall Sealed Top Basin For 900 Gallon Tank	17,102.56	1,076.42
23 13 23 13-0190	EA	150% Containment Double Wall Sealed Top Basin For 1,000 Gallon Tank	18,742.51	1,219.95
23 13 23 13-0191	EA	200% Containment Double Wall Sealed Top Basin For 10 Gallon Tank	1,428.75	150.70
23 13 23 13-0192	EA	200% Containment Double Wall Sealed Top Basin For 15 Gallon Tank	1,561.35	161.46
23 13 23 13-0193	EA	200% Containment Double Wall Sealed Top Basin For 25 Gallon Tank	1,689.16	172.23
23 13 23 13-0194	EA	200% Containment Double Wall Sealed Top Basin For 50 Gallon Tank	1,937.60	179.41
23 13 23 13-0195	EA	200% Containment Double Wall Sealed Top Basin For 60 Gallon Tank	2,632.78	215.28
23 13 23 13-0196	EA	200% Containment Double Wall Sealed Top Basin For 75 Gallon Tank	2,692.58	251.16
23 13 23 13-0197	EA	200% Containment Double Wall Sealed Top Basin For 100 Gallon Tank	3,359.08	287.04
23 13 23 13-0198	EA	200% Containment Double Wall Sealed Top Basin For 150 Gallon Tank	4,145.03	322.92
23 13 23 13-0199	EA	200% Containment Double Wall Sealed Top Basin For 200 Gallon Tank	5,441.48	358.81
23 13 23 13-0200	EA	200% Containment Double Wall Sealed Top Basin For 275 Gallon Tank	6,894.49	394.69
23 13 23 13-0201	EA	200% Containment Double Wall Sealed Top Basin For 300 Gallon Tank	8,268.12	466.45
23 13 23 13-0202	EA	200% Containment Double Wall Sealed Top Basin For 350 Gallon Tank	8,860.68	538.21
23 13 23 13-0203	EA	200% Containment Double Wall Sealed Top Basin For 400 Gallon Tank	9,458.00	609.97
23 13 23 13-0204	EA	200% Containment Double Wall Sealed Top Basin For 450 Gallon Tank	10,392.03	645.85
23 13 23 13-0205	EA	200% Containment Double Wall Sealed Top Basin For 500 Gallon Tank	11,328.46	681.73
23 13 23 13-0206	EA	200% Containment Double Wall Sealed Top Basin For 550 Gallon Tank	12,123.95	717.61
23 13 23 13-0207	EA	200% Containment Double Wall Sealed Top Basin For 600 Gallon Tank	12,998.37	789.38
23 13 23 13-0208	EA	200% Containment Double Wall Sealed Top Basin For 700 Gallon Tank	14,687.45	932.89
23 13 23 13-0209	EA	200% Containment Double Wall Sealed Top Basin For 800 Gallon Tank	16,421.93	1,076.42
23 13 23 13-0210	EA	200% Containment Double Wall Sealed Top Basin For 900 Gallon Tank	18,192.25	1,219.95
23 13 23 13-0211	EA	200% Containment Double Wall Sealed Top Basin For 1,000 Gallon Tank	19,910.00	1,363.46

23 13 23 16 Horizontal, Steel, Aboveground Fuel-Oil, Storage Tanks *(23 13 23)*

23 13 23 16-0001 Single Wall Aboveground Storage Tanks *(23 13 23 16)*

Note: Includes cradles, supports, coating, fittings, and 4" NPT connections as follows: up to 1000 gallon, 4 each: all others 6 each. Excludes pumps, piping, pad, foundation excavation and backfill.

23 13 23 16-0002	EA	300 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	5,311.48	780.04
23 13 23 16-0003	EA	550 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	6,384.72	944.26
23 13 23 16-0004	EA	1,000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	8,636.84	1,319.85
23 13 23 16-0005	EA	1,500 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	11,169.80	1,649.81

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 23 16-0006	EA	2,000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	13,367.40	2,202.49
23 13 23 16-0007	EA	3,000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	20,256.99	2,267.28
23 13 23 16-0008	EA	5,000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	29,497.36	2,803.17
23 13 23 16-0009	EA	8,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	40,567.85	3,211.90
23 13 23 16-0010	EA	10,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	48,382.44	3,503.86
23 13 23 16-0011	EA	12,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	56,183.54	3,854.28
23 13 23 16-0012	EA	15,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	62,194.03	4,282.49
23 13 23 16-0013	EA	20,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	77,671.04	5,506.06
23 13 23 16-0014	EA	30,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	106,206.07	6,423.80

23 13 23 16-0015 Double Wall Aboveground Storage Tanks *(23 13 23 16)*

Note: Includes cradles, supports, coating, fittings, and 4" NPT connections as follows: up to 1000 gallon, 4 each: all others 6 each. Excludes pumps, piping, pad, foundation excavation and backfill.

23 13 23 16-0016	EA	300 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	8,450.69	973.33
23 13 23 16-0017	EA	550 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	10,153.90	1,177.84
23 13 23 16-0018	EA	1,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	13,543.91	1,649.81
23 13 23 16-0019	EA	1,500 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	17,770.81	2,062.26
23 13 23 16-0020	EA	2,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	22,803.87	2,753.09
23 13 23 16-0021	EA	2,500 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	27,634.88	2,753.09
		For 1/4" Thick Shell, Add	*6,632.37*	
		For Fireguard® Tanks, Add	*4,044.88*	
23 13 23 16-0022	EA	3,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	32,578.86	2,834.00
23 13 23 16-0023	EA	4,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	40,148.20	3,162.66
		For 1/4" Thick Shell, Add	*9,635.57*	
		For Fireguard® Tanks, Add	*6,074.98*	
23 13 23 16-0024	EA	5,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	47,717.42	3,491.20
23 13 23 16-0025	EA	6,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	53,283.77	3,628.40
		For 1/4" Thick Shell, Add	*12,788.10*	
		For Fireguard® Tanks, Add	*8,197.40*	
23 13 23 16-0026	EA	8,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	66,031.45	4,014.90
23 13 23 16-0027	EA	10,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	78,944.64	4,379.89
23 13 23 16-0028	EA	12,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	91,800.67	4,817.79
23 13 23 16-0029	EA	15,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	101,612.01	5,353.21
23 13 23 16-0030	EA	20,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	126,804.72	6,882.61
23 13 23 16-0031	EA	25,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	150,425.03	7,456.15
		For Fireguard® Tanks, Add	*23,803.58*	
23 13 23 16-0032	EA	30,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	174,045.35	8,029.69

23 13 23 16-0033 Horizontal Rectangular Double Wall Aboveground Fuel Day Tanks *(23 13 23 16)*

Note: Includes solenoid valve. Excludes piping and concrete pad.

23 13 23 16-0034	EA	550 Gallon, Double Wall, Aboveground Horizontal Fuel Storage Tank	16,503.70	1,177.84
23 13 23 16-0035	EA	750 Gallon, Double Wall, Aboveground Horizontal Fuel Storage Tank	17,458.48	1,361.09
23 13 23 16-0036	EA	1,000 Gallon, Double Wall, Aboveground Horizontal Fuel Storage Tank	19,611.19	1,649.81
23 13 23 16-0037	EA	1,500 Gallon, Double Wall, Aboveground Horizontal Fuel Storage Tank	23,459.49	2,062.26
23 13 23 16-0038	EA	2,000 Gallon, Double Wall, Aboveground Horizontal Fuel Storage Tank Note: Includes 2" solenoid valve.	29,990.59	2,753.09

23 13 23 26 Concrete-Vaulted, Steel, Aboveground Fuel-Oil, Storage Tanks *(23 13 23)*

23 13 23 26-0001 Aboveground Concrete Vaulted Storage Tanks *(23 13 23 26)*

Note: Includes setting in place with stand, NPT openings for an emergency vent, regular vent, gauge, fill with an internal 5 gallon minimum overfill containment, supply and return and leak detection. All tanks that are 2000 gallon and larger shall have a ladder for access. Excludes excavation, pad, pumps and piping.

23 13 23 26-0002	EA	500 Gallon Concrete Vaulted Storage Tank	31,998.75	1,667.08
		For Low Profile Tanks, Add	*11,869.04*	
23 13 23 26-0003	EA	1,000 Gallon Concrete Vaulted Storage Tank	40,320.57	1,881.96
		For Low Profile Tanks, Add	*15,077.82*	
23 13 23 26-0004	EA	2,000 Gallon Concrete Vaulted Storage Tank	71,637.43	2,240.86
		For Low Profile Tanks, Add	*27,404.26*	
23 13 23 26-0005	EA	4,000 Gallon Concrete Vaulted Storage Tank	113,376.86	4,928.82
23 13 23 26-0006	EA	5,000 Gallon Concrete Vaulted Storage Tank	129,553.77	5,383.08
23 13 23 26-0007	EA	6,000 Gallon Concrete Vaulted Storage Tank	145,825.85	5,813.32
23 13 23 26-0008	EA	8,000 Gallon Concrete Vaulted Storage Tank	162,073.54	6,308.23
23 13 23 26-0009	EA	10,000 Gallon Concrete Vaulted Storage Tank	178,313.43	6,714.81

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 33		**Facility Fuel-Oil, Storage Tank Accessories** *(23 13)*		
23 13 33 00-0001		EPA Requirements *(23 13 33)*		
23 13 33 00-0002	EA	Fill Pipe Spill Containment Manhole (5 Gallon)	788.79	
23 13 33 00-0003	EA	Over-Fill Prevention Valve	1,487.84	
23 13 33 00-0004	EA	Tank Manway With Cover, Fiberglass	4,807.64	
23 13 33 00-0005	EA	Tank Manway With Cover, Steel	3,937.30	
23 13 33 00-0006	EA	Vent Fill Alarm (Whistle Vent)	165.53	
23 13 33 00-0007	EA	Reservoir Sensor, Liquid Level	481.24	
23 13 33 00-0008	EA	Manhole Spill Containment	1,262.05	279.07
23 13 33 00-0009	EA	Fill Adapter, 4"	369.90	186.08
23 13 33 00-0010	EA	Fill Cap, 4"	253.34	69.77
23 13 33 00-0011	EA	2" Vent Cap	150.80	46.55
23 13 33 00-0012	EA	4" x 2" Extractor Fitting	537.37	69.77
23 13 33 00-0013	EA	Float Vent Valve	425.99	139.54
23 13 33 00-0014	EA	Vapor Hose Adapter	506.56	92.99
23 13 33 00-0015	EA	Dust Cap	215.28	50.79
23 13 33 00-0016	EA	1" Double Poppet Foot Valve	487.79	79.70
23 13 33 00-0017	EA	10' Wood Gage Stick	44.32	
23 13 33 00-0018	EA	1-1/4" Tank Filled Breather, NPT	190.94	
23 13 33 00-0019	EA	1-1/2" Tank Filled Breather, Bayonet	261.13	
23 13 33 00-0020	EA	2" Cast Iron Combination Fill Cap And Vent	84.59	
23 13 33 00-0021	EA	3" Cast Iron Combination Fill Cap And Vent	113.81	
23 13 33 00-0022	EA	4" Cast Iron Combination Fill Cap And Vent	178.14	
23 13 33 00-0023	EA	Pressure And Vacuum Control Vent	1,191.73	
23 13 33 00-0024	EA	1/4 HP Fuel/Diesel Pump Set	1,947.06	
23 13 33 00-0025	EA	1/3 HP Fuel/Diesel Pump Set	2,306.18	
23 13 33 00-0026	EA	1/2 HP Fuel/Diesel Pump Set	2,511.96	
23 13 33 00-0027	EA	3/4 HP Fuel/Diesel Pump Set	2,752.23	
23 13 33 00-0028	EA	1 HP Fuel/Diesel Pump Set	3,958.25	
23 13 33 00-0029	EA	1-1/2 HP Fuel/Diesel Pump Set	4,895.82	
23 13 33 00-0030	EA	2 HP Fuel/Diesel Pump Set	5,419.14	
23 13 33 00-0031	EA	3 HP Fuel/Diesel Pump Set	6,669.98	
23 13 33 00-0032	EA	5 HP Fuel/Diesel Pump Set	7,902.07	
23 13 33 00-0033	EA	7.5 HP Fuel/Diesel Pump Set	8,845.25	
23 13 33 00-0034	EA	10 HP Fuel/Diesel Pump Set	10,220.36	
23 13 33 00-0035		Tank Bulkhead Fittings *(23 13 33)*		
23 13 33 00-0036		Tank Bulkhead Fittings *(23 13 33 00-0035)*		
23 13 33 00-0037		Polyvinyl Chloride (PVC) Tank Bulkhead Fittings, Socket x Threaded Connection *(23 13 33 00-0036)*		
23 13 33 00-0038	EA	1/2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread	47.43	
23 13 33 00-0039	EA	3/4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread	52.99	
23 13 33 00-0040	EA	1" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread	58.24	
23 13 33 00-0041	EA	1-1/4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread	70.14	
23 13 33 00-0042	EA	1-1/2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread	72.53	
23 13 33 00-0043	EA	2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread	94.75	
23 13 33 00-0044	EA	3" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread	148.91	
23 13 33 00-0045	EA	4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread	258.88	
23 13 33 00-0046		Polyvinyl Chloride (PVC) Tank Bulkhead Fittings, Thread x Threaded Connection *(23 13 33 00-0036)*		
23 13 33 00-0047	EA	1/2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	54.93	
23 13 33 00-0048	EA	3/4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	60.45	
23 13 33 00-0049	EA	1" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	66.01	
23 13 33 00-0050	EA	1-1/4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	82.21	
23 13 33 00-0051	EA	1-1/2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	87.76	
23 13 33 00-0052	EA	2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	108.56	
23 13 33 00-0053	EA	3" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	167.33	
23 13 33 00-0054	EA	4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	285.02	
23 13 33 00-0055		Chlorinated Polyvinyl Chloride (CPVC) Tank Bulkhead Fittings, Socket x Threaded Connection *(23 13 33 00-0036)*		
23 13 33 00-0056	EA	1/2" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread	56.63	
23 13 33 00-0057	EA	3/4" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread	65.36	
23 13 33 00-0058	EA	1" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread	73.78	
23 13 33 00-0059	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread	95.23	
23 13 33 00-0060	EA	2" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread	124.07	
23 13 33 00-0061	EA	3" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread	192.34	
23 13 33 00-0062	EA	4" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread	300.56	
23 13 33 00-0063		Polypropylene Tank Bulkhead Fitting Thread x Threaded Connection *(23 13 33 00-0036)*		
23 13 33 00-0064	EA	1/2" Polypropylene Bulkhead Fitting, Thread x Thread	66.14	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 33 00-0065	EA	3/4" Polypropylene Bulkhead Fitting, Thread x Thread	78.00	
23 13 33 00-0066	EA	1" Polypropylene Bulkhead Fitting, Thread x Thread	95.90	
23 13 33 00-0067	EA	1-1/4" Polypropylene Bulkhead Fitting, Thread x Thread	116.70	
23 13 33 00-0068	EA	1-1/2" Polypropylene Bulkhead Fitting, Thread x Thread	119.09	
23 13 33 00-0069	EA	2" Polypropylene Bulkhead Fitting, Thread x Thread	169.77	
23 13 33 00-0070	EA	3" Polypropylene Bulkhead Fitting, Thread x Thread	302.70	
23 13 33 00-0071	EA	4" Polypropylene Bulkhead Fitting, Thread x Thread	539.13	
23 13 33 00-0072		Polyethylene Tank Bulkhead Fittings Thread x Threaded Connection *(23 13 33 00-0036)*		
23 13 33 00-0073	EA	3/4" Polyethylene Bulkhead Fitting, Thread x Thread	58.44	
23 13 33 00-0074	EA	1" Polyethylene Bulkhead Fitting, Thread x Thread	75.12	
23 13 33 00-0075	EA	1-1/4" Polyethylene Bulkhead Fitting, Thread x Thread	77.51	
23 13 33 00-0076	EA	1-1/2" Polyethylene Bulkhead Fitting, Thread x Thread	79.90	
23 13 33 00-0077	EA	2" Polyethylene Bulkhead Fitting, Thread x Thread	110.84	
23 13 33 00-0078	EA	3" Polyethylene Bulkhead Fitting, Thread x Thread	139.81	
23 13 33 00-0079		TFE Teflon Tank Bulkhead Fittings, Thread x Threaded Connection *(23 13 33 00-0036)*		
23 13 33 00-0080	EA	1/8" TFE Teflon Bulkhead Fitting, Thread x Thread	246.20	
23 13 33 00-0081	EA	1/4" TFE Teflon Bulkhead Fitting, Thread x Thread	281.44	
23 13 33 00-0082	EA	3/8" TFE Teflon Bulkhead Fitting, Thread x Thread	345.83	
23 13 33 00-0083	EA	1/2" TFE Teflon Bulkhead Fitting, Thread x Thread	398.68	
23 13 33 00-0084	EA	3/4" TFE Teflon Bulkhead Fitting, Thread x Thread	459.29	
23 13 33 00-0085	EA	1" TFE Teflon Bulkhead Fitting, Thread x Thread	578.32	
23 13 33 00-0086	EA	1-1/2" TFE Teflon Bulkhead Fitting, Thread x Thread	751.04	
23 13 33 00-0087	EA	2" TFE Teflon Bulkhead Fitting, Thread x Thread	829.73	
23 13 33 00-0088		Self-Aligning Bulkhead Fittings *(23 13 33 00-0035)*		
23 13 33 00-0089	EA	3/4" Self-Aligning Polyvinyl Chloride (PVC) Bulkhead Fitting	252.53	
23 13 33 00-0090	EA	1" Self-Aligning Polyvinyl Chloride (PVC) Bulkhead Fitting	253.00	
23 13 33 00-0091	EA	1-1/2" Self-Aligning Polyvinyl Chloride (PVC) Bulkhead Fitting	368.78	
23 13 33 00-0092	EA	2" Self-Aligning Polyvinyl Chloride (PVC) Bulkhead Fitting	376.56	
23 13 33 00-0093	EA	3" Self-Aligning Polyvinyl Chloride (PVC) Bulkhead Fitting	507.45	

23 20 HVAC Piping and Pumps *(23)*

Note: The demolition price for only the length of pipe (LF) shall be used for lengths (LF) of pipe removal which exclude the fittings, valves, and insulation. The demolition price for individual fittings, valves, and insulation shall not be used in conjunction with pipe (LF) demolition tasks.

23 21 Hydronic Piping and Pumps *(23 20)*

23 21 13 Hydronic Piping *(23 21)*

Note: The demolition price for only the length of pipe (LF) shall be used for lengths (LF) of pipe removal which exclude the fittings, valves, and insulation. The demolition price for individual fittings, valves, and insulation shall not be used in conjunction with pipe (LF) demolition tasks.

23 21 13 23 Aboveground Hydronic Piping *(23 21 13)*

See CSI section 40 05 23 23-0000 for stainless steel pipe and fittings.

23 21 13 23-0001 Threaded Black Steel Pipe *(23 21 13 23)*

23 21 13 23-0002 Threaded Black Steel Pipe Assemblies *(23 21 13 23-0001)*

Note: ASTM A-53 pipe and A-105 fittings. Threaded and coupled. Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. Includes cutting and threading to length where necessary.

23 21 13 23-0003	LF	1/2" Schedule 40 Threaded Black Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	21.15	4.40
		For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add	*5.19*	
		For Work In Restricted Working Space, Add	*4.55*	
23 21 13 23-0004	LF	3/4" Schedule 40 Threaded Black Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	23.14	4.73
		For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add	*5.79*	
		For Work In Restricted Working Space, Add	*4.76*	
23 21 13 23-0005	LF	1" Schedule 40 Threaded Black Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	25.66	5.18
		For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add	*6.56*	
		For Work In Restricted Working Space, Add	*5.02*	
23 21 13 23-0006	LF	1-1/4" Schedule 40 Threaded Black Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	30.67	5.40
		For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add	*8.15*	
		For Work In Restricted Working Space, Add	*5.41*	
23 21 13 23-0007	LF	1-1/2" Schedule 40 Threaded Black Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	32.65	6.39
		For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add	*8.83*	
		For Work In Restricted Working Space, Add	*5.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0008	LF	2" Schedule 40 Threaded Black Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	38.89	7.70
		For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add	*10.70*	
		For Work In Restricted Working Space, Add	*6.18*	
23 21 13 23-0009	LF	2-1/2" Schedule 40 Threaded Black Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	55.52	9.13
		For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add	*15.90*	
		For Work In Restricted Working Space, Add	*7.67*	
23 21 13 23-0010	LF	3" Schedule 40 Threaded Black Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	70.54	12.22
		For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add	*20.38*	
		For Work In Restricted Working Space, Add	*9.40*	
23 21 13 23-0011	LF	4" Schedule 40 Threaded Black Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	97.30	14.39
		For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add	*29.49*	
		For Work In Restricted Working Space, Add	*10.39*	
23 21 13 23-0012	LF	5" Schedule 40 Threaded Black Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	144.70	18.39
		For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add	*45.49*	
		For Work In Restricted Working Space, Add	*12.38*	
23 21 13 23-0013	LF	6" Schedule 40 Threaded Black Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	175.00	21.74
		For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add	*55.52*	
		For Work In Restricted Working Space, Add	*14.03*	

23 21 13 23-0014 Threaded Black Steel Pipe And Fittings *(23 21 13 23-0001)*
Note: ASTM A-53 pipe and A-105 fittings. Threaded and coupled, schedule 40. Excludes hangers, elbow, tee, or reducer fittings.

23 21 13 23-0015 Threaded And Coupled, Black Steel Piping *(23 21 13 23-0014)*
Note: ASTM A-53. Includes coupling. Includes cutting and threading to length where necessary.

23 21 13 23-0016	LF	3/8" Schedule 40, Threaded And Coupled, Black Steel Pipe	7.89	2.75
		For Work In Restricted Working Space, Add	*1.67*	
		For Schedule 80 Pipe, Add	*1.60*	
23 21 13 23-0017	LF	1/2" Schedule 40, Threaded And Coupled, Black Steel Pipe	10.56	4.40
		For Work In Restricted Working Space, Add	*2.00*	
		For Schedule 80 Pipe, Add	*2.42*	
23 21 13 23-0018	LF	3/4" Schedule 40, Threaded And Coupled, Black Steel Pipe	12.14	4.73
		For Work In Restricted Working Space, Add	*2.13*	
		For Schedule 80 Pipe, Add	*2.98*	
23 21 13 23-0019	LF	1" Schedule 40, Threaded And Coupled, Black Steel Pipe	14.40	5.18
		For Work In Restricted Working Space, Add	*2.31*	
		For Schedule 80 Pipe, Add	*3.79*	
23 21 13 23-0020	LF	1-1/4" Schedule 40, Threaded And Coupled, Black Steel Pipe	17.14	5.40
		For Work In Restricted Working Space, Add	*2.45*	
		For Schedule 80 Pipe, Add	*4.86*	
23 21 13 23-0021	LF	1-1/2" Schedule 40, Threaded And Coupled, Black Steel Pipe	20.33	6.39
		For Work In Restricted Working Space, Add	*2.87*	
		For Schedule 80 Pipe, Add	*5.80*	
23 21 13 23-0022	LF	2" Schedule 40, Threaded And Coupled, Black Steel Pipe	25.67	7.70
		For Work In Restricted Working Space, Add	*3.48*	
		For Schedule 80 Pipe, Add	*7.50*	
23 21 13 23-0023	LF	2-1/2" Schedule 40, Threaded And Coupled, Black Steel Pipe	36.00	9.13
		For Work In Restricted Working Space, Add	*4.13*	
		For Schedule 80 Pipe, Add	*11.38*	
23 21 13 23-0024	LF	3" Schedule 40, Threaded And Coupled, Black Steel Pipe	47.48	12.22
		For Work In Restricted Working Space, Add	*5.51*	
		For Schedule 80 Pipe, Add	*14.94*	
23 21 13 23-0025	LF	4" Schedule 40, Threaded And Coupled, Black Steel Pipe	65.17	14.39
		For Work In Restricted Working Space, Add	*6.49*	
		For Schedule 80 Pipe, Add	*21.75*	
23 21 13 23-0026	LF	5" Schedule 40, Threaded And Coupled, Black Steel Pipe	85.37	18.39
		For Work In Restricted Working Space, Add	*8.26*	
		For Schedule 80 Pipe, Add	*28.78*	
23 21 13 23-0027	LF	6" Schedule 40, Threaded And Coupled, Black Steel Pipe	108.85	21.74
		For Work In Restricted Working Space, Add	*9.77*	
		For Schedule 80 Pipe, Add	*37.58*	
23 21 13 23-0028	LF	8" Schedule 40, Threaded And Coupled, Black Steel Pipe	152.49	26.28
		For Work In Restricted Working Space, Add	*11.80*	
		For Schedule 80 Pipe, Add	*54.85*	
23 21 13 23-0029	LF	10" Schedule 40, Threaded And Coupled, Black Steel Pipe	208.22	32.02
		For Work In Restricted Working Space, Add	*14.42*	
		For Schedule 80 Pipe, Add	*76.87*	
23 21 13 23-0030	LF	12" Schedule 40, Threaded And Coupled, Black Steel Pipe	278.43	42.08
		For Work In Restricted Working Space, Add	*18.93*	
		For Schedule 80 Pipe, Add	*103.21*	

23 21 13 23-0031 Black Malleable Iron 90 Degree Elbows *(23 21 13 23-0014)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0032	EA	3/8", 150 Lb., Black Malleable Iron 90 Degree Elbow	28.82	16.30
		For Work In Restricted Working Space, Add	*7.34*	
		For 300 Lb. Rating, Add	*11.93*	
		For Standard Weight Cast Iron Fittings, Add	*0.07*	
23 21 13 23-0033	EA	1/2", 150 Lb., Black Malleable Iron 90 Degree Elbow	32.38	19.60
		For Work In Restricted Working Space, Add	*8.81*	
		For 300 Lb. Rating, Add	*9.01*	
		For Standard Weight Cast Iron Fittings, Add	*0.05*	
23 21 13 23-0034	EA	3/4", 150 Lb., Black Malleable Iron 90 Degree Elbow	36.50	21.91
		For Work In Restricted Working Space, Add	*9.86*	
		For 300 Lb. Rating, Add	*10.71*	
		For Standard Weight Cast Iron Fittings, Add	*0.06*	
23 21 13 23-0035	EA	1", 150 Lb., Black Malleable Iron 90 Degree Elbow	43.02	24.44
		For Work In Restricted Working Space, Add	*11.01*	
		For 300 Lb. Rating, Add	*17.37*	
		For Standard Weight Cast Iron Fittings, Add	*0.10*	
23 21 13 23-0036	EA	1-1/4", 150 Lb., Black Malleable Iron 90 Degree Elbow	51.97	27.75
		For Work In Restricted Working Space, Add	*12.46*	
		For 300 Lb. Rating, Add	*27.52*	
		For Standard Weight Cast Iron Fittings, Add	*0.17*	
23 21 13 23-0037	EA	1-1/2", 150 Lb., Black Malleable Iron 90 Degree Elbow	60.57	31.26
		For Work In Restricted Working Space, Add	*14.06*	
		For 300 Lb. Rating, Add	*35.74*	
		For Standard Weight Cast Iron Fittings, Add	*0.22*	
23 21 13 23-0038	EA	2", 150 Lb., Black Malleable Iron 90 Degree Elbow	83.18	39.74
		For Work In Restricted Working Space, Add	*17.85*	
		For 300 Lb. Rating, Add	*60.38*	
		For Standard Weight Cast Iron Fittings, Add	*0.38*	
23 21 13 23-0039	EA	2-1/2", 150 Lb., Black Malleable Iron 90 Degree Elbow	140.80	58.79
		For Work In Restricted Working Space, Add	*26.42*	
		For 300 Lb. Rating, Add	*131.84*	
		For Standard Weight Cast Iron Fittings, Add	*0.84*	
23 21 13 23-0040	EA	3", 150 Lb., Black Malleable Iron 90 Degree Elbow	193.04	77.29
		For Work In Restricted Working Space, Add	*34.76*	
		For 300 Lb. Rating, Add	*192.14*	
		For Standard Weight Cast Iron Fittings, Add	*1.23*	
23 21 13 23-0041	EA	4", 150 Lb., Black Malleable Iron 90 Degree Elbow	291.93	84.16
		For Work In Restricted Working Space, Add	*37.86*	
		For 300 Lb. Rating, Add	*405.32*	
		For Standard Weight Cast Iron Fittings, Add	*2.65*	
23 21 13 23-0042	EA	5", 150 Lb., Black Malleable Iron 90 Degree Elbow	615.96	87.84
		For Work In Restricted Working Space, Add	*39.51*	
		For 300 Lb. Rating, Add	*1,170.15*	
		For Standard Weight Cast Iron Fittings, Add	*7.75*	
23 21 13 23-0043	EA	6", 150 Lb., Black Malleable Iron 90 Degree Elbow	697.08	91.84
		For Work In Restricted Working Space, Add	*41.30*	
		For 300 Lb. Rating, Add	*1,350.82*	
		For Standard Weight Cast Iron Fittings, Add	*8.95*	

23 21 13 23-0044 Black Malleable Iron Reducing 90 Degree Elbows *(23 21 13 23-0014)*

23 21 13 23-0045	EA	1/2" x 3/8", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow	32.66	17.95
		For Work In Restricted Working Space, Add	*8.07*	
		For 300 Lb. Rating, Add	*15.41*	
		For Standard Weight Cast Iron Fittings, Add	*0.09*	
23 21 13 23-0046	EA	3/4" x 1/2", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow	37.03	20.70
		For Work In Restricted Working Space, Add	*9.33*	
		For 300 Lb. Rating, Add	*16.07*	
		For Standard Weight Cast Iron Fittings, Add	*0.09*	
23 21 13 23-0047	EA	3/4" x 3/8", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow	36.93	19.16
		For Work In Restricted Working Space, Add	*8.60*	
		For 300 Lb. Rating, Add	*21.57*	
		For Standard Weight Cast Iron Fittings, Add	*0.13*	
23 21 13 23-0048	EA	1" x 3/4", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow	42.38	23.22
		For Work In Restricted Working Space, Add	*10.43*	
		For 300 Lb. Rating, Add	*20.33*	
		For Standard Weight Cast Iron Fittings, Add	*0.12*	
23 21 13 23-0049	EA	1" x 1/2", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow	41.22	22.02
		For Work In Restricted Working Space, Add	*9.91*	
		For 300 Lb. Rating, Add	*21.66*	
		For Standard Weight Cast Iron Fittings, Add	*0.13*	
23 21 13 23-0050	EA	1" x 3/8", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow	46.74	20.36
		For Work In Restricted Working Space, Add	*9.18*	
		For 300 Lb. Rating, Add	*40.60*	
		For Standard Weight Cast Iron Fittings, Add	*0.26*	
23 21 13 23-0051	EA	1-1/4" x 1", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow	51.89	26.09
		For Work In Restricted Working Space, Add	*11.74*	
		For 300 Lb. Rating, Add	*33.00*	
		For Standard Weight Cast Iron Fittings, Add	*0.20*	
23 21 13 23-0052	EA	1-1/4" x 3/4", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow	51.46	24.77
		For Work In Restricted Working Space, Add	*11.16*	
		For 300 Lb. Rating, Add	*36.46*	
		For Standard Weight Cast Iron Fittings, Add	*0.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0053	EA	1-1/4" x 1/2", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow	52.11	23.67
		For Work In Restricted Working Space, Add	*10.64*	
		For 300 Lb. Rating, Add	*42.11*	
		For Standard Weight Cast Iron Fittings, Add	*0.27*	
23 21 13 23-0054	EA	1-1/2" x 1-1/4", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow	62.21	29.51
		For Work In Restricted Working Space, Add	*13.26*	
		For 300 Lb. Rating, Add	*45.90*	
		For Standard Weight Cast Iron Fittings, Add	*0.29*	
23 21 13 23-0055	EA	1-1/2" x 1", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow	59.79	27.86
		For Work In Restricted Working Space, Add	*12.53*	
		For 300 Lb. Rating, Add	*45.75*	
		For Standard Weight Cast Iron Fittings, Add	*0.29*	
23 21 13 23-0056	EA	1-1/2" x 3/4", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow	60.48	26.53
		For Work In Restricted Working Space, Add	*11.96*	
		For 300 Lb. Rating, Add	*51.90*	
		For Standard Weight Cast Iron Fittings, Add	*0.33*	
23 21 13 23-0057	EA	2" x 1-1/2", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow	79.29	35.45
		For Work In Restricted Working Space, Add	*15.95*	
		For 300 Lb. Rating, Add	*65.85*	
		For Standard Weight Cast Iron Fittings, Add	*0.42*	
23 21 13 23-0058	EA	2" x 1-1/4", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow	80.20	33.69
		For Work In Restricted Working Space, Add	*15.16*	
		For 300 Lb. Rating, Add	*74.26*	
		For Standard Weight Cast Iron Fittings, Add	*0.47*	
23 21 13 23-0059	EA	2" x 1", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow	77.78	32.04
		For Work In Restricted Working Space, Add	*14.43*	
		For 300 Lb. Rating, Add	*74.12*	
		For Standard Weight Cast Iron Fittings, Add	*0.47*	
23 21 13 23-0060	EA	2" x 3/4", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow	77.66	30.83
		For Work In Restricted Working Space, Add	*13.86*	
		For 300 Lb. Rating, Add	*78.30*	
		For Standard Weight Cast Iron Fittings, Add	*0.50*	
23 21 13 23-0061	EA	2-1/2" x 2", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow	145.46	49.21
		For Work In Restricted Working Space, Add	*22.14*	
		For 300 Lb. Rating, Add	*176.44*	
		For Standard Weight Cast Iron Fittings, Add	*1.15*	
23 21 13 23-0062	EA	2-1/2" x 1-1/2", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow	143.36	45.03
		For Work In Restricted Working Space, Add	*20.24*	
		For 300 Lb. Rating, Add	*186.18*	
		For Standard Weight Cast Iron Fittings, Add	*1.21*	
23 21 13 23-0063	EA	3" x 2-1/2", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow	236.10	68.03
		For Work In Restricted Working Space, Add	*30.59*	
		For 300 Lb. Rating, Add	*328.03*	
		For Standard Weight Cast Iron Fittings, Add	*2.15*	
23 21 13 23-0064	EA	3" x 2", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow	203.56	58.45
		For Work In Restricted Working Space, Add	*26.31*	
		For 300 Lb. Rating, Add	*283.33*	
		For Standard Weight Cast Iron Fittings, Add	*1.85*	
23 21 13 23-0065	EA	4" x 3", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow	349.27	80.05
		For Work In Restricted Working Space, Add	*36.01*	
		For 300 Lb. Rating, Add	*557.35*	
		For Standard Weight Cast Iron Fittings, Add	*3.67*	

23 21 13 23-0066 Black Malleable Iron 45 Degree Elbows *(23 21 13 23-0014)*

23 21 13 23-0067	EA	3/8", 150 Lb., Black Malleable Iron 45 Degree Elbow	31.02	16.30
		For Work In Restricted Working Space, Add	*7.34*	
		For 300 Lb. Rating, Add	*17.21*	
		For Standard Weight Cast Iron Fittings, Add	*0.10*	
23 21 13 23-0068	EA	1/2", 150 Lb., Black Malleable Iron 45 Degree Elbow	34.35	19.60
		For Work In Restricted Working Space, Add	*8.81*	
		For 300 Lb. Rating, Add	*13.74*	
		For Standard Weight Cast Iron Fittings, Add	*0.08*	
23 21 13 23-0069	EA	3/4", 150 Lb., Black Malleable Iron 45 Degree Elbow	39.03	21.91
		For Work In Restricted Working Space, Add	*9.86*	
		For 300 Lb. Rating, Add	*16.78*	
		For Standard Weight Cast Iron Fittings, Add	*0.10*	
23 21 13 23-0070	EA	1", 150 Lb., Black Malleable Iron 45 Degree Elbow	44.46	24.44
		For Work In Restricted Working Space, Add	*11.01*	
		For 300 Lb. Rating, Add	*20.83*	
		For Standard Weight Cast Iron Fittings, Add	*0.12*	
23 21 13 23-0071	EA	1-1/4", 150 Lb., Black Malleable Iron 45 Degree Elbow	55.28	27.75
		For Work In Restricted Working Space, Add	*12.46*	
		For 300 Lb. Rating, Add	*35.47*	
		For Standard Weight Cast Iron Fittings, Add	*0.22*	
23 21 13 23-0072	EA	1-1/2", 150 Lb., Black Malleable Iron 45 Degree Elbow	63.84	31.26
		For Work In Restricted Working Space, Add	*14.06*	
		For 300 Lb. Rating, Add	*43.59*	
		For Standard Weight Cast Iron Fittings, Add	*0.27*	
23 21 13 23-0073	EA	2", 150 Lb., Black Malleable Iron 45 Degree Elbow	85.21	39.74
		For Work In Restricted Working Space, Add	*17.85*	
		For 300 Lb. Rating, Add	*65.25*	
		For Standard Weight Cast Iron Fittings, Add	*0.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0074	EA	2-1/2", 150 Lb., Black Malleable Iron 45 Degree Elbow	162.42	58.79
		For Work In Restricted Working Space, Add	*26.42*	
		For 300 Lb. Rating, Add	*183.72*	
		For Standard Weight Cast Iron Fittings, Add	*1.19*	
23 21 13 23-0075	EA	3", 150 Lb., Black Malleable Iron 45 Degree Elbow	212.45	77.29
		For Work In Restricted Working Space, Add	*34.76*	
		For 300 Lb. Rating, Add	*238.72*	
		For Standard Weight Cast Iron Fittings, Add	*1.55*	
23 21 13 23-0076	EA	4", 150 Lb., Black Malleable Iron 45 Degree Elbow	315.58	84.16
		For Work In Restricted Working Space, Add	*37.86*	
		For 300 Lb. Rating, Add	*462.08*	
		For Standard Weight Cast Iron Fittings, Add	*3.03*	
23 21 13 23-0077	EA	5", 150 Lb., Black Malleable Iron 45 Degree Elbow	879.73	87.84
		For Work In Restricted Working Space, Add	*39.51*	
		For 300 Lb. Rating, Add	*1,803.20*	
		For Standard Weight Cast Iron Fittings, Add	*11.97*	
23 21 13 23-0078	EA	6", 150 Lb., Black Malleable Iron 45 Degree Elbow	903.01	91.84
		For Work In Restricted Working Space, Add	*41.30*	
		For 300 Lb. Rating, Add	*1,845.05*	
		For Standard Weight Cast Iron Fittings, Add	*12.25*	

23 21 13 23-0079 Black Malleable Iron Tees *(23 21 13 23-0014)*

23 21 13 23-0080	EA	3/8", 150 Lb., Black Malleable Iron Tee	36.90	20.14
		For Work In Restricted Working Space, Add	*9.17*	
		For 300 Lb. Rating, Add	*17.00*	
		For Standard Weight Cast Iron Fittings, Add	*0.10*	
23 21 13 23-0081	EA	1/2", 150 Lb., Black Malleable Iron Tee	40.74	24.44
		For Work In Restricted Working Space, Add	*11.01*	
		For 300 Lb. Rating, Add	*11.90*	
		For Standard Weight Cast Iron Fittings, Add	*0.06*	
23 21 13 23-0082	EA	3/4", 150 Lb., Black Malleable Iron Tee	48.13	28.29
		For Work In Restricted Working Space, Add	*12.70*	
		For 300 Lb. Rating, Add	*16.44*	
		For Standard Weight Cast Iron Fittings, Add	*0.09*	
23 21 13 23-0083	EA	1", 150 Lb., Black Malleable Iron Tee	59.96	33.36
		For Work In Restricted Working Space, Add	*15.01*	
		For 300 Lb. Rating, Add	*26.81*	
		For Standard Weight Cast Iron Fittings, Add	*0.16*	
23 21 13 23-0084	EA	1-1/4", 150 Lb., Black Malleable Iron Tee	75.58	39.74
		For Work In Restricted Working Space, Add	*17.85*	
		For 300 Lb. Rating, Add	*42.14*	
		For Standard Weight Cast Iron Fittings, Add	*0.26*	
23 21 13 23-0085	EA	1-1/2", 150 Lb., Black Malleable Iron Tee	91.00	47.34
		For Work In Restricted Working Space, Add	*21.31*	
		For 300 Lb. Rating, Add	*52.21*	
		For Standard Weight Cast Iron Fittings, Add	*0.32*	
23 21 13 23-0086	EA	2", 150 Lb., Black Malleable Iron Tee	122.13	58.79
		For Work In Restricted Working Space, Add	*26.42*	
		For 300 Lb. Rating, Add	*87.03*	
		For Standard Weight Cast Iron Fittings, Add	*0.54*	
23 21 13 23-0087	EA	2-1/2", 150 Lb., Black Malleable Iron Tee	189.30	77.29
		For Work In Restricted Working Space, Add	*34.76*	
		For 300 Lb. Rating, Add	*183.16*	
		For Standard Weight Cast Iron Fittings, Add	*1.17*	
23 21 13 23-0088	EA	3", 150 Lb., Black Malleable Iron Tee	245.77	91.81
		For Work In Restricted Working Space, Add	*41.29*	
		For 300 Lb. Rating, Add	*267.82*	
		For Standard Weight Cast Iron Fittings, Add	*1.73*	
23 21 13 23-0089	EA	4", 150 Lb., Black Malleable Iron Tee	420.81	106.34
		For Work In Restricted Working Space, Add	*47.83*	
		For 300 Lb. Rating, Add	*636.90*	
		For Standard Weight Cast Iron Fittings, Add	*4.18*	
23 21 13 23-0090	EA	5", 150 Lb., Black Malleable Iron Tee	981.42	126.24
		For Work In Restricted Working Space, Add	*56.79*	
		For 300 Lb. Rating, Add	*1,912.45*	
		For Standard Weight Cast Iron Fittings, Add	*12.67*	
23 21 13 23-0091	EA	6", 150 Lb., Black Malleable Iron Tee	1,066.43	144.30
		For Work In Restricted Working Space, Add	*64.91*	
		For 300 Lb. Rating, Add	*2,053.17*	
		For Standard Weight Cast Iron Fittings, Add	*13.60*	

23 21 13 23-0092 Black Malleable Iron Reducing Tees *(23 21 13 23-0014)*

23 21 13 23-0093	EA	1/2", 150 Lb., Black Malleable Iron Reducing Tee	43.57	24.44
		For Work In Restricted Working Space, Add	*11.01*	
		For 300 Lb. Rating, Add	*18.69*	
		For Standard Weight Cast Iron Fittings, Add	*0.11*	
23 21 13 23-0094	EA	3/4", 150 Lb., Black Malleable Iron Reducing Tee	51.30	28.29
		For Work In Restricted Working Space, Add	*12.70*	
		For 300 Lb. Rating, Add	*24.04*	
		For Standard Weight Cast Iron Fittings, Add	*0.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0095	EA	1", 150 Lb., Black Malleable Iron Reducing Tee	61.34	33.36
		For Work In Restricted Working Space, Add	*15.01*	
		For 300 Lb. Rating, Add	*30.12*	
		For Standard Weight Cast Iron Fittings, Add	*0.18*	
23 21 13 23-0096	EA	1-1/4", 150 Lb., Black Malleable Iron Reducing Tee	81.73	39.74
		For Work In Restricted Working Space, Add	*17.85*	
		For 300 Lb. Rating, Add	*56.90*	
		For Standard Weight Cast Iron Fittings, Add	*0.36*	
23 21 13 23-0097	EA	1-1/2", 150 Lb., Black Malleable Iron Reducing Tee	95.64	47.34
		For Work In Restricted Working Space, Add	*21.31*	
		For 300 Lb. Rating, Add	*63.35*	
		For Standard Weight Cast Iron Fittings, Add	*0.39*	
23 21 13 23-0098	EA	2", 150 Lb., Black Malleable Iron Reducing Tee	123.81	58.79
		For Work In Restricted Working Space, Add	*26.42*	
		For 300 Lb. Rating, Add	*91.06*	
		For Standard Weight Cast Iron Fittings, Add	*0.57*	
23 21 13 23-0099	EA	2-1/2", 150 Lb., Black Malleable Iron Reducing Tee	227.25	77.29
		For Work In Restricted Working Space, Add	*34.76*	
		For 300 Lb. Rating, Add	*274.24*	
		For Standard Weight Cast Iron Fittings, Add	*1.78*	
23 21 13 23-0100	EA	3", 150 Lb., Black Malleable Iron Reducing Tee	265.18	91.81
		For Work In Restricted Working Space, Add	*41.29*	
		For 300 Lb. Rating, Add	*314.40*	
		For Standard Weight Cast Iron Fittings, Add	*2.04*	
23 21 13 23-0101	EA	4", 150 Lb., Black Malleable Iron Reducing Tee	468.79	106.34
		For Work In Restricted Working Space, Add	*47.83*	
		For 300 Lb. Rating, Add	*752.05*	
		For Standard Weight Cast Iron Fittings, Add	*4.95*	
23 21 13 23-0102	EA	5", 150 Lb., Black Malleable Iron Reducing Tee	906.87	126.24
		For Work In Restricted Working Space, Add	*56.79*	
		For 300 Lb. Rating, Add	*1,733.53*	
		For Standard Weight Cast Iron Fittings, Add	*11.48*	
23 21 13 23-0103	EA	6", 150 Lb., Black Malleable Iron Reducing Tee	1,030.25	144.30
		For Work In Restricted Working Space, Add	*64.91*	
		For 300 Lb. Rating, Add	*1,966.34*	
		For Standard Weight Cast Iron Fittings, Add	*13.02*	

23 21 13 23-0104 Black Malleable Iron Couplings *(23 21 13 23-0014)*

23 21 13 23-0105	EA	3/8", 150 Lb., Black Malleable Iron Coupling	29.88	16.30
		For Work In Restricted Working Space, Add	*7.34*	
		For 300 Lb. Rating, Add	*14.48*	
		For Standard Weight Cast Iron Fittings, Add	*0.09*	
23 21 13 23-0106	EA	1/2", 150 Lb., Black Malleable Iron Coupling	33.54	19.60
		For Work In Restricted Working Space, Add	*8.81*	
		For 300 Lb. Rating, Add	*11.79*	
		For Standard Weight Cast Iron Fittings, Add	*0.07*	
23 21 13 23-0107	EA	3/4", 150 Lb., Black Malleable Iron Coupling	37.75	21.91
		For Work In Restricted Working Space, Add	*9.86*	
		For 300 Lb. Rating, Add	*13.71*	
		For Standard Weight Cast Iron Fittings, Add	*0.08*	
23 21 13 23-0108	EA	1", 150 Lb., Black Malleable Iron Coupling	44.02	24.44
		For Work In Restricted Working Space, Add	*11.01*	
		For 300 Lb. Rating, Add	*19.77*	
		For Standard Weight Cast Iron Fittings, Add	*0.12*	
23 21 13 23-0109	EA	1-1/4", 150 Lb., Black Malleable Iron Coupling	51.02	27.75
		For Work In Restricted Working Space, Add	*12.46*	
		For 300 Lb. Rating, Add	*25.24*	
		For Standard Weight Cast Iron Fittings, Add	*0.15*	
23 21 13 23-0110	EA	1-1/2", 150 Lb., Black Malleable Iron Coupling	59.66	31.26
		For Work In Restricted Working Space, Add	*14.06*	
		For 300 Lb. Rating, Add	*33.56*	
		For Standard Weight Cast Iron Fittings, Add	*0.20*	
23 21 13 23-0111	EA	2", 150 Lb., Black Malleable Iron Coupling	78.50	39.74
		For Work In Restricted Working Space, Add	*17.85*	
		For 300 Lb. Rating, Add	*49.15*	
		For Standard Weight Cast Iron Fittings, Add	*0.30*	
23 21 13 23-0112	EA	2-1/2", 150 Lb., Black Malleable Iron Coupling	140.46	58.79
		For Work In Restricted Working Space, Add	*26.42*	
		For 300 Lb. Rating, Add	*131.02*	
		For Standard Weight Cast Iron Fittings, Add	*0.84*	
23 21 13 23-0113	EA	3", 150 Lb., Black Malleable Iron Coupling	186.71	77.29
		For Work In Restricted Working Space, Add	*34.76*	
		For 300 Lb. Rating, Add	*176.94*	
		For Standard Weight Cast Iron Fittings, Add	*1.13*	
23 21 13 23-0114	EA	4", 150 Lb., Black Malleable Iron Coupling	268.85	84.16
		For Work In Restricted Working Space, Add	*37.86*	
		For 300 Lb. Rating, Add	*349.93*	
		For Standard Weight Cast Iron Fittings, Add	*2.28*	
23 21 13 23-0115	EA	5", 150 Lb., Black Malleable Iron Coupling	533.35	87.84
		For Work In Restricted Working Space, Add	*39.51*	
		For 300 Lb. Rating, Add	*971.89*	
		For Standard Weight Cast Iron Fittings, Add	*6.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0116	EA	6", 150 Lb., Black Malleable Iron Coupling	595.27	91.84
		For Work In Restricted Working Space, Add	*41.30*	
		For 300 Lb. Rating, Add	*1,106.48*	
		For Standard Weight Cast Iron Fittings, Add	*7.32*	

23 21 13 23-0117 Black Malleable Iron Reducing Couplings *(23 21 13 23-0014)*

23 21 13 23-0118	EA	1/2", 150 Lb., Black Malleable Iron Reducing Coupling	34.54	19.60
		For Work In Restricted Working Space, Add	*8.81*	
		For 300 Lb. Rating, Add	*14.19*	
		For Standard Weight Cast Iron Fittings, Add	*0.08*	
23 21 13 23-0119	EA	3/4", 150 Lb., Black Malleable Iron Reducing Coupling	38.35	21.91
		For Work In Restricted Working Space, Add	*9.86*	
		For 300 Lb. Rating, Add	*15.15*	
		For Standard Weight Cast Iron Fittings, Add	*0.09*	
23 21 13 23-0120	EA	1", 150 Lb., Black Malleable Iron Reducing Coupling	45.24	24.44
		For Work In Restricted Working Space, Add	*11.01*	
		For 300 Lb. Rating, Add	*22.70*	
		For Standard Weight Cast Iron Fittings, Add	*0.14*	
23 21 13 23-0121	EA	1-1/4", 150 Lb., Black Malleable Iron Reducing Coupling	52.53	27.75
		For Work In Restricted Working Space, Add	*12.46*	
		For 300 Lb. Rating, Add	*28.87*	
		For Standard Weight Cast Iron Fittings, Add	*0.18*	
23 21 13 23-0122	EA	1-1/2", 150 Lb., Black Malleable Iron Reducing Coupling	60.73	31.26
		For Work In Restricted Working Space, Add	*14.06*	
		For 300 Lb. Rating, Add	*36.12*	
		For Standard Weight Cast Iron Fittings, Add	*0.22*	
23 21 13 23-0123	EA	2", 150 Lb., Black Malleable Iron Reducing Coupling	79.63	39.74
		For Work In Restricted Working Space, Add	*17.85*	
		For 300 Lb. Rating, Add	*51.86*	
		For Standard Weight Cast Iron Fittings, Add	*0.32*	
23 21 13 23-0124	EA	2-1/2", 150 Lb., Black Malleable Iron Reducing Coupling	147.53	58.79
		For Work In Restricted Working Space, Add	*26.42*	
		For 300 Lb. Rating, Add	*147.99*	
		For Standard Weight Cast Iron Fittings, Add	*0.95*	
23 21 13 23-0125	EA	3", 150 Lb., Black Malleable Iron Reducing Coupling	188.16	77.29
		For Work In Restricted Working Space, Add	*34.76*	
		For 300 Lb. Rating, Add	*180.42*	
		For Standard Weight Cast Iron Fittings, Add	*1.16*	
23 21 13 23-0126	EA	4", 150 Lb., Black Malleable Iron Reducing Coupling	271.07	84.16
		For Work In Restricted Working Space, Add	*37.86*	
		For 300 Lb. Rating, Add	*355.26*	
		For Standard Weight Cast Iron Fittings, Add	*2.32*	
23 21 13 23-0127	EA	5", 150 Lb., Black Malleable Iron Reducing Coupling	457.32	87.84
		For Work In Restricted Working Space, Add	*39.51*	
		For 300 Lb. Rating, Add	*789.41*	
		For Standard Weight Cast Iron Fittings, Add	*5.21*	
23 21 13 23-0128	EA	6", 150 Lb., Black Malleable Iron Reducing Coupling	555.92	91.84
		For Work In Restricted Working Space, Add	*41.30*	
		For 300 Lb. Rating, Add	*1,012.04*	
		For Standard Weight Cast Iron Fittings, Add	*6.69*	

23 21 13 23-0129 Black Malleable Iron Caps *(23 21 13 23-0014)*

23 21 13 23-0130	EA	1/2", 150 Lb., Black Malleable Iron Cap	16.27	8.70
		For Work In Restricted Working Space, Add	*3.96*	
		For 300 Lb. Rating, Add	*8.14*	
		For Standard Weight Cast Iron Fittings, Add	*0.05*	
23 21 13 23-0131	EA	3/4", 150 Lb., Black Malleable Iron Cap	18.91	9.80
		For Work In Restricted Working Space, Add	*4.43*	
		For 300 Lb. Rating, Add	*10.80*	
		For Standard Weight Cast Iron Fittings, Add	*0.07*	
23 21 13 23-0132	EA	1", 150 Lb., Black Malleable Iron Cap	21.52	10.90
		For Work In Restricted Working Space, Add	*4.96*	
		For 300 Lb. Rating, Add	*12.99*	
		For Standard Weight Cast Iron Fittings, Add	*0.08*	
23 21 13 23-0133	EA	1-1/4", 150 Lb., Black Malleable Iron Cap	25.28	12.33
		For Work In Restricted Working Space, Add	*5.61*	
		For 300 Lb. Rating, Add	*16.94*	
		For Standard Weight Cast Iron Fittings, Add	*0.11*	
23 21 13 23-0134	EA	1-1/2", 150 Lb., Black Malleable Iron Cap	30.13	13.87
		For Work In Restricted Working Space, Add	*6.32*	
		For 300 Lb. Rating, Add	*22.98*	
		For Standard Weight Cast Iron Fittings, Add	*0.14*	
23 21 13 23-0135	EA	2", 150 Lb., Black Malleable Iron Cap	39.99	17.73
		For Work In Restricted Working Space, Add	*8.03*	
		For 300 Lb. Rating, Add	*33.33*	
		For Standard Weight Cast Iron Fittings, Add	*0.21*	
23 21 13 23-0136	EA	2-1/2", 150 Lb., Black Malleable Iron Cap	69.95	26.21
		For Work In Restricted Working Space, Add	*11.89*	
		For 300 Lb. Rating, Add	*75.15*	
		For Standard Weight Cast Iron Fittings, Add	*0.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0137	EA	3", 150 Lb., Black Malleable Iron Cap	96.87	34.45
		For Work In Restricted Working Space, Add	*15.65*	
		For 300 Lb. Rating, Add	*110.46*	
		For Standard Weight Cast Iron Fittings, Add	*0.72*	
23 21 13 23-0138	EA	4", 150 Lb., Black Malleable Iron Cap	133.47	37.53
		For Work In Restricted Working Space, Add	*17.04*	
		For 300 Lb. Rating, Add	*187.44*	
		For Standard Weight Cast Iron Fittings, Add	*1.23*	
23 21 13 23-0139	EA	5", 150 Lb., Black Malleable Iron Cap	242.02	39.15
		For Work In Restricted Working Space, Add	*17.78*	
		For 300 Lb. Rating, Add	*442.18*	
		For Standard Weight Cast Iron Fittings, Add	*2.92*	
23 21 13 23-0140	EA	6", 150 Lb., Black Malleable Iron Cap	396.96	40.89
		For Work In Restricted Working Space, Add	*18.59*	
		For 300 Lb. Rating, Add	*807.74*	
		For Standard Weight Cast Iron Fittings, Add	*5.36*	

23 21 13 23-0141 Black Malleable Iron Unions *(23 21 13 23-0014)*

23 21 13 23-0142	EA	3/8", 150 Lb., Black Malleable Iron Union	39.10	16.30
		For Work In Restricted Working Space, Add	*7.34*	
23 21 13 23-0143	EA	1/2", 150 Lb., Black Malleable Iron Union	49.95	24.44
		For Work In Restricted Working Space, Add	*11.01*	
23 21 13 23-0144	EA	3/4", 150 Lb., Black Malleable Iron Union	57.57	28.29
		For Work In Restricted Working Space, Add	*12.70*	
23 21 13 23-0145	EA	1", 150 Lb., Black Malleable Iron Union	69.90	33.36
		For Work In Restricted Working Space, Add	*15.01*	
23 21 13 23-0146	EA	1-1/4", 150 Lb., Black Malleable Iron Union	87.99	39.74
		For Work In Restricted Working Space, Add	*17.85*	
23 21 13 23-0147	EA	1-1/2", 150 Lb., Black Malleable Iron Union	106.53	47.34
		For Work In Restricted Working Space, Add	*21.31*	
23 21 13 23-0148	EA	2", 150 Lb., Black Malleable Iron Union	129.36	58.79
		For Work In Restricted Working Space, Add	*26.42*	
23 21 13 23-0149	EA	2-1/2", 150 Lb., Black Malleable Iron Union	253.01	86.64
		For Work In Restricted Working Space, Add	*39.00*	
23 21 13 23-0150	EA	3", 150 Lb., Black Malleable Iron Union	319.15	113.95
		For Work In Restricted Working Space, Add	*51.32*	
23 21 13 23-0151	EA	3/8", 250 Lb., Black Malleable Iron Union	43.81	16.30
		For Work In Restricted Working Space, Add	*7.34*	
23 21 13 23-0152	EA	1/2", 250 Lb., Black Malleable Iron Union	58.89	24.44
		For Work In Restricted Working Space, Add	*11.01*	
23 21 13 23-0153	EA	3/4", 250 Lb., Black Malleable Iron Union	64.18	28.29
		For Work In Restricted Working Space, Add	*12.70*	
23 21 13 23-0154	EA	1", 250 Lb., Black Malleable Iron Union	76.82	33.36
		For Work In Restricted Working Space, Add	*15.01*	
23 21 13 23-0155	EA	1-1/4", 250 Lb., Black Malleable Iron Union	104.45	39.74
		For Work In Restricted Working Space, Add	*17.85*	
23 21 13 23-0156	EA	1-1/2", 250 Lb., Black Malleable Iron Union	122.78	47.34
		For Work In Restricted Working Space, Add	*21.31*	
23 21 13 23-0157	EA	2", 250 Lb., Black Malleable Iron Union	154.47	58.79
		For Work In Restricted Working Space, Add	*26.42*	
23 21 13 23-0158	EA	2-1/2", 250 Lb., Black Malleable Iron Union	338.13	86.64
		For Work In Restricted Working Space, Add	*39.01*	
23 21 13 23-0159	EA	3", 250 Lb., Black Malleable Iron Union	414.63	113.95
		For Work In Restricted Working Space, Add	*51.32*	
23 21 13 23-0160	EA	4", 250 Lb., Black Malleable Iron Union	618.02	124.18
		For Work In Restricted Working Space, Add	*55.89*	
23 21 13 23-0161	EA	3/8", 300 Lb., Black Malleable Iron Union	55.86	16.30
		For Work In Restricted Working Space, Add	*7.34*	
23 21 13 23-0162	EA	1/2", 300 Lb., Black Malleable Iron Union	62.09	24.44
		For Work In Restricted Working Space, Add	*11.01*	
23 21 13 23-0163	EA	3/4", 300 Lb., Black Malleable Iron Union	70.47	28.29
		For Work In Restricted Working Space, Add	*12.70*	
23 21 13 23-0164	EA	1", 300 Lb., Black Malleable Iron Union	86.76	33.36
		For Work In Restricted Working Space, Add	*15.01*	
23 21 13 23-0165	EA	1-1/4", 300 Lb., Black Malleable Iron Union	119.40	39.74
		For Work In Restricted Working Space, Add	*17.85*	
23 21 13 23-0166	EA	1-1/2", 300 Lb., Black Malleable Iron Union	133.76	47.34
		For Work In Restricted Working Space, Add	*21.31*	
23 21 13 23-0167	EA	2", 300 Lb., Black Malleable Iron Union	165.77	58.79
		For Work In Restricted Working Space, Add	*26.42*	
23 21 13 23-0168	EA	2-1/2", 300 Lb., Black Malleable Iron Union	380.53	86.64
		For Work In Restricted Working Space, Add	*39.01*	
23 21 13 23-0169	EA	3", 300 Lb., Black Malleable Iron Union	495.15	113.95
		For Work In Restricted Working Space, Add	*51.32*	
23 21 13 23-0170	EA	4", 300 Lb., Black Malleable Iron Union	1,214.89	124.18
		For Work In Restricted Working Space, Add	*55.89*	

23 21 13 23-0171 Black Steel Nipples *(23 21 13 23-0014)*

23 21 13 23-0172	EA	3/8" x Close, Schedule 40 Black Steel Nipple	19.16	10.45
		For Schedule 80 Nipples, Add	*1.72*	
		For Work In Restricted Working Space, Add	*4.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0173	EA	1/2" x Close, Schedule 40 Black Steel Nipple	18.63	10.45
		For Schedule 80 Nipples, Add	*1.45*	
		For Work In Restricted Working Space, Add	*4.72*	
23 21 13 23-0174	EA	3/4" x Close, Schedule 40 Black Steel Nipple	19.05	10.45
		For Schedule 80 Nipples, Add	*1.66*	
		For Work In Restricted Working Space, Add	*4.72*	
23 21 13 23-0175	EA	1" x Close, Schedule 40 Black Steel Nipple	21.77	11.34
		For Schedule 80 Nipples, Add	*2.42*	
		For Work In Restricted Working Space, Add	*5.08*	
23 21 13 23-0176	EA	1-1/4" x Close, Schedule 40 Black Steel Nipple	24.46	12.22
		For Schedule 80 Nipples, Add	*3.06*	
		For Work In Restricted Working Space, Add	*5.51*	
23 21 13 23-0177	EA	1-1/2" x Close, Schedule 40 Black Steel Nipple	25.96	12.22
		For Schedule 80 Nipples, Add	*3.81*	
		For Work In Restricted Working Space, Add	*5.51*	
23 21 13 23-0178	EA	2" x Close, Schedule 40 Black Steel Nipple	34.05	15.74
		For Schedule 80 Nipples, Add	*5.19*	
		For Work In Restricted Working Space, Add	*7.10*	
23 21 13 23-0179	EA	2-1/2" x Close, Schedule 40 Black Steel Nipple	61.82	19.60
		For Schedule 80 Nipples, Add	*16.23*	
		For Work In Restricted Working Space, Add	*8.81*	
23 21 13 23-0180	EA	3" x Close, Schedule 40 Black Steel Nipple	74.08	23.67
		For Schedule 80 Nipples, Add	*19.29*	
		For Work In Restricted Working Space, Add	*10.65*	
23 21 13 23-0181	EA	4" x Close, Schedule 40 Black Steel Nipple	101.36	28.88
		For Schedule 80 Nipples, Add	*29.05*	
		For Work In Restricted Working Space, Add	*12.98*	
23 21 13 23-0182	EA	3/8" x 1-1/2" Long, Schedule 40 Black Steel Nipple	19.63	10.45
		For Schedule 80 Nipples, Add	*1.95*	
		For Work In Restricted Working Space, Add	*4.72*	
23 21 13 23-0183	EA	1/2" x 1-1/2" Long, Schedule 40 Black Steel Nipple	18.63	10.45
		For Schedule 80 Nipples, Add	*1.45*	
		For Work In Restricted Working Space, Add	*4.72*	
23 21 13 23-0184	EA	3/4" x 1-1/2" Long, Schedule 40 Black Steel Nipple	19.31	10.45
		For Schedule 80 Nipples, Add	*1.79*	
		For Work In Restricted Working Space, Add	*4.72*	
23 21 13 23-0185	EA	3/8" x 2" Long, Schedule 40 Black Steel Nipple	19.63	10.45
		For Schedule 80 Nipples, Add	*1.95*	
		For Work In Restricted Working Space, Add	*4.72*	
23 21 13 23-0186	EA	1/2" x 2" Long, Schedule 40 Black Steel Nipple	18.63	10.45
		For Schedule 80 Nipples, Add	*1.45*	
		For Work In Restricted Working Space, Add	*4.72*	
23 21 13 23-0187	EA	3/4" x 2" Long, Schedule 40 Black Steel Nipple	19.31	10.45
		For Schedule 80 Nipples, Add	*1.79*	
		For Work In Restricted Working Space, Add	*4.72*	
23 21 13 23-0188	EA	1" x 2" Long, Schedule 40 Black Steel Nipple	22.23	11.34
		For Schedule 80 Nipples, Add	*2.65*	
		For Work In Restricted Working Space, Add	*5.08*	
23 21 13 23-0189	EA	1-1/4" x 2" Long, Schedule 40 Black Steel Nipple	25.29	12.22
		For Schedule 80 Nipples, Add	*3.47*	
		For Work In Restricted Working Space, Add	*5.51*	
23 21 13 23-0190	EA	1-1/2" x 2" Long, Schedule 40 Black Steel Nipple	26.57	12.22
		For Schedule 80 Nipples, Add	*4.11*	
		For Work In Restricted Working Space, Add	*5.51*	
23 21 13 23-0191	EA	3/8" x 2-1/2" Long, Schedule 40 Black Steel Nipple	20.73	10.45
		For Schedule 80 Nipples, Add	*2.50*	
		For Work In Restricted Working Space, Add	*4.72*	
23 21 13 23-0192	EA	1/2" x 2-1/2" Long, Schedule 40 Black Steel Nipple	19.16	10.45
		For Schedule 80 Nipples, Add	*1.72*	
		For Work In Restricted Working Space, Add	*4.72*	
23 21 13 23-0193	EA	3/4" x 2-1/2" Long, Schedule 40 Black Steel Nipple	19.77	10.45
		For Schedule 80 Nipples, Add	*2.02*	
		For Work In Restricted Working Space, Add	*4.72*	
23 21 13 23-0194	EA	1" x 2-1/2" Long, Schedule 40 Black Steel Nipple	22.55	11.34
		For Schedule 80 Nipples, Add	*2.81*	
		For Work In Restricted Working Space, Add	*5.08*	
23 21 13 23-0195	EA	1-1/4" x 2-1/2" Long, Schedule 40 Black Steel Nipple	25.71	12.22
		For Schedule 80 Nipples, Add	*3.68*	
		For Work In Restricted Working Space, Add	*5.51*	
23 21 13 23-0196	EA	1-1/2" x 2-1/2" Long, Schedule 40 Black Steel Nipple	27.54	12.22
		For Schedule 80 Nipples, Add	*4.60*	
		For Work In Restricted Working Space, Add	*5.51*	
23 21 13 23-0197	EA	2" x 2-1/2" Long, Schedule 40 Black Steel Nipple	35.58	15.74
		For Schedule 80 Nipples, Add	*5.95*	
		For Work In Restricted Working Space, Add	*7.10*	
23 21 13 23-0198	EA	3/8" x 3" Long, Schedule 40 Black Steel Nipple	20.73	10.45
		For Schedule 80 Nipples, Add	*2.50*	
		For Work In Restricted Working Space, Add	*4.72*	
23 21 13 23-0199	EA	1/2" x 3" Long, Schedule 40 Black Steel Nipple	19.16	10.45
		For Schedule 80 Nipples, Add	*1.72*	
		For Work In Restricted Working Space, Add	*4.72*	
23 21 13 23-0200	EA	3/4" x 3" Long, Schedule 40 Black Steel Nipple	19.77	10.45
		For Schedule 80 Nipples, Add	*2.02*	
		For Work In Restricted Working Space, Add	*4.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0201	EA	1" x 3" Long, Schedule 40 Black Steel Nipple	22.55	11.34
		For Schedule 80 Nipples, Add	*2.81*	
		For Work In Restricted Working Space, Add	*5.08*	
23 21 13 23-0202	EA	1-1/4" x 3" Long, Schedule 40 Black Steel Nipple	25.71	12.22
		For Schedule 80 Nipples, Add	*3.68*	
		For Work In Restricted Working Space, Add	*5.51*	
23 21 13 23-0203	EA	1-1/2" x 3" Long, Schedule 40 Black Steel Nipple	27.54	12.22
		For Schedule 80 Nipples, Add	*4.60*	
		For Work In Restricted Working Space, Add	*5.51*	
23 21 13 23-0204	EA	2" x 3" Long, Schedule 40 Black Steel Nipple	35.58	15.74
		For Schedule 80 Nipples, Add	*5.95*	
		For Work In Restricted Working Space, Add	*7.10*	
23 21 13 23-0205	EA	2-1/2" x 3" Long, Schedule 40 Black Steel Nipple	62.68	19.60
		For Schedule 80 Nipples, Add	*16.66*	
		For Work In Restricted Working Space, Add	*8.81*	
23 21 13 23-0206	EA	3" x 3" Long, Schedule 40 Black Steel Nipple	77.44	23.67
		For Schedule 80 Nipples, Add	*20.97*	
		For Work In Restricted Working Space, Add	*10.65*	
23 21 13 23-0207	EA	3/8" x 3-1/2" Long, Schedule 40 Black Steel Nipple	21.63	10.45
		For Schedule 80 Nipples, Add	*2.95*	
		For Work In Restricted Working Space, Add	*4.72*	
23 21 13 23-0208	EA	1/2" x 3-1/2" Long, Schedule 40 Black Steel Nipple	19.84	10.45
		For Schedule 80 Nipples, Add	*2.06*	
		For Work In Restricted Working Space, Add	*4.72*	
23 21 13 23-0209	EA	3/4" x 3-1/2" Long, Schedule 40 Black Steel Nipple	20.73	10.45
		For Schedule 80 Nipples, Add	*2.50*	
		For Work In Restricted Working Space, Add	*4.72*	
23 21 13 23-0210	EA	1" x 3-1/2" Long, Schedule 40 Black Steel Nipple	23.88	11.34
		For Schedule 80 Nipples, Add	*3.47*	
		For Work In Restricted Working Space, Add	*5.08*	
23 21 13 23-0211	EA	1-1/4" x 3-1/2" Long, Schedule 40 Black Steel Nipple	27.07	12.22
		For Schedule 80 Nipples, Add	*4.36*	
		For Work In Restricted Working Space, Add	*5.51*	
23 21 13 23-0212	EA	1-1/2" x 3-1/2" Long, Schedule 40 Black Steel Nipple	28.65	12.22
		For Schedule 80 Nipples, Add	*5.15*	
		For Work In Restricted Working Space, Add	*5.51*	
23 21 13 23-0213	EA	2" x 3-1/2" Long, Schedule 40 Black Steel Nipple	38.09	15.74
		For Schedule 80 Nipples, Add	*7.21*	
		For Work In Restricted Working Space, Add	*7.10*	
23 21 13 23-0214	EA	2-1/2" x 3-1/2" Long, Schedule 40 Black Steel Nipple	68.54	19.60
		For Schedule 80 Nipples, Add	*19.59*	
		For Work In Restricted Working Space, Add	*8.81*	
23 21 13 23-0215	EA	3" x 3-1/2" Long, Schedule 40 Black Steel Nipple	85.17	23.67
		For Schedule 80 Nipples, Add	*24.83*	
		For Work In Restricted Working Space, Add	*10.65*	
23 21 13 23-0216	EA	3/8" x 4" Long, Schedule 40 Black Steel Nipple	21.63	10.45
		For Schedule 80 Nipples, Add	*2.95*	
		For Work In Restricted Working Space, Add	*4.72*	
23 21 13 23-0217	EA	1/2" x 4" Long, Schedule 40 Black Steel Nipple	19.84	10.45
		For Schedule 80 Nipples, Add	*2.06*	
		For Work In Restricted Working Space, Add	*4.72*	
23 21 13 23-0218	EA	3/4" x 4" Long, Schedule 40 Black Steel Nipple	20.73	10.45
		For Schedule 80 Nipples, Add	*2.50*	
		For Work In Restricted Working Space, Add	*4.72*	
23 21 13 23-0219	EA	1" x 4" Long, Schedule 40 Black Steel Nipple	23.88	11.34
		For Schedule 80 Nipples, Add	*3.47*	
		For Work In Restricted Working Space, Add	*5.08*	
23 21 13 23-0220	EA	1-1/4" x 4" Long, Schedule 40 Black Steel Nipple	27.07	12.22
		For Schedule 80 Nipples, Add	*4.36*	
		For Work In Restricted Working Space, Add	*5.51*	
23 21 13 23-0221	EA	1-1/2" x 4" Long, Schedule 40 Black Steel Nipple	28.65	12.22
		For Schedule 80 Nipples, Add	*5.15*	
		For Work In Restricted Working Space, Add	*5.51*	
23 21 13 23-0222	EA	2" x 4" Long, Schedule 40 Black Steel Nipple	38.09	15.74
		For Schedule 80 Nipples, Add	*7.21*	
		For Work In Restricted Working Space, Add	*7.10*	
23 21 13 23-0223	EA	2-1/2" x 4" Long, Schedule 40 Black Steel Nipple	68.54	19.60
		For Schedule 80 Nipples, Add	*19.59*	
		For Work In Restricted Working Space, Add	*8.81*	
23 21 13 23-0224	EA	3" x 4" Long, Schedule 40 Black Steel Nipple	85.17	23.67
		For Schedule 80 Nipples, Add	*24.83*	
		For Work In Restricted Working Space, Add	*10.65*	
23 21 13 23-0225	EA	4" x 4" Long, Schedule 40 Black Steel Nipple	110.48	28.88
		For Schedule 80 Nipples, Add	*33.61*	
		For Work In Restricted Working Space, Add	*12.98*	
23 21 13 23-0226	EA	3/8" x 4-1/2" Long, Schedule 40 Black Steel Nipple	24.24	10.45
		For Schedule 80 Nipples, Add	*4.26*	
		For Work In Restricted Working Space, Add	*4.72*	
23 21 13 23-0227	EA	1/2" x 4-1/2" Long, Schedule 40 Black Steel Nipple	20.56	10.45
		For Schedule 80 Nipples, Add	*2.42*	
		For Work In Restricted Working Space, Add	*4.72*	
23 21 13 23-0228	EA	3/4" x 4-1/2" Long, Schedule 40 Black Steel Nipple	22.02	10.45
		For Schedule 80 Nipples, Add	*3.15*	
		For Work In Restricted Working Space, Add	*4.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0229	EA	1" x 4-1/2" Long, Schedule 40 Black Steel Nipple	25.16	11.34
		For Schedule 80 Nipples, Add	*4.11*	
		For Work In Restricted Working Space, Add	*5.08*	
23 21 13 23-0230	EA	1-1/4" x 4-1/2" Long, Schedule 40 Black Steel Nipple	28.79	12.22
		For Schedule 80 Nipples, Add	*5.22*	
		For Work In Restricted Working Space, Add	*5.51*	
23 21 13 23-0231	EA	1-1/2" x 4-1/2" Long, Schedule 40 Black Steel Nipple	30.93	12.22
		For Schedule 80 Nipples, Add	*6.29*	
		For Work In Restricted Working Space, Add	*5.51*	
23 21 13 23-0232	EA	2" x 4-1/2" Long, Schedule 40 Black Steel Nipple	40.27	15.74
		For Schedule 80 Nipples, Add	*8.30*	
		For Work In Restricted Working Space, Add	*7.10*	
23 21 13 23-0233	EA	2-1/2" x 4-1/2" Long, Schedule 40 Black Steel Nipple	72.40	19.60
		For Schedule 80 Nipples, Add	*21.52*	
		For Work In Restricted Working Space, Add	*8.81*	
23 21 13 23-0234	EA	3" x 4-1/2" Long, Schedule 40 Black Steel Nipple	90.28	23.67
		For Schedule 80 Nipples, Add	*27.39*	
		For Work In Restricted Working Space, Add	*10.65*	
23 21 13 23-0235	EA	4" x 4-1/2" Long, Schedule 40 Black Steel Nipple	120.06	28.88
		For Schedule 80 Nipples, Add	*38.40*	
		For Work In Restricted Working Space, Add	*12.98*	
23 21 13 23-0236	EA	3/8" x 5" Long, Schedule 40 Black Steel Nipple	24.24	10.45
		For Schedule 80 Nipples, Add	*4.26*	
		For Work In Restricted Working Space, Add	*4.72*	
23 21 13 23-0237	EA	1/2" x 5" Long, Schedule 40 Black Steel Nipple	20.56	10.45
		For Schedule 80 Nipples, Add	*2.42*	
		For Work In Restricted Working Space, Add	*4.72*	
23 21 13 23-0238	EA	3/4" x 5" Long, Schedule 40 Black Steel Nipple	22.02	10.45
		For Schedule 80 Nipples, Add	*3.15*	
		For Work In Restricted Working Space, Add	*4.72*	
23 21 13 23-0239	EA	1" x 5" Long, Schedule 40 Black Steel Nipple	25.16	11.34
		For Schedule 80 Nipples, Add	*4.11*	
		For Work In Restricted Working Space, Add	*5.08*	
23 21 13 23-0240	EA	1-1/4" x 5" Long, Schedule 40 Black Steel Nipple	28.79	12.22
		For Schedule 80 Nipples, Add	*5.22*	
		For Work In Restricted Working Space, Add	*5.51*	
23 21 13 23-0241	EA	1-1/2" x 5" Long, Schedule 40 Black Steel Nipple	30.93	12.22
		For Schedule 80 Nipples, Add	*6.29*	
		For Work In Restricted Working Space, Add	*5.51*	
23 21 13 23-0242	EA	2" x 5" Long, Schedule 40 Black Steel Nipple	40.27	15.74
		For Schedule 80 Nipples, Add	*8.30*	
		For Work In Restricted Working Space, Add	*7.10*	
23 21 13 23-0243	EA	2-1/2" x 5" Long, Schedule 40 Black Steel Nipple	72.40	19.60
		For Schedule 80 Nipples, Add	*21.52*	
		For Work In Restricted Working Space, Add	*8.81*	
23 21 13 23-0244	EA	3" x 5" Long, Schedule 40 Black Steel Nipple	90.28	23.67
		For Schedule 80 Nipples, Add	*27.39*	
		For Work In Restricted Working Space, Add	*10.65*	
23 21 13 23-0245	EA	4" x 5" Long, Schedule 40 Black Steel Nipple	120.06	28.88
		For Schedule 80 Nipples, Add	*38.40*	
		For Work In Restricted Working Space, Add	*12.98*	
23 21 13 23-0246	EA	3/8" x 6" Long, Schedule 40 Black Steel Nipple	25.20	10.45
		For Schedule 80 Nipples, Add	*4.74*	
		For Work In Restricted Working Space, Add	*4.72*	
23 21 13 23-0247	EA	1/2" x 6" Long, Schedule 40 Black Steel Nipple	21.13	10.45
		For Schedule 80 Nipples, Add	*2.70*	
		For Work In Restricted Working Space, Add	*4.72*	
23 21 13 23-0248	EA	3/4" x 6" Long, Schedule 40 Black Steel Nipple	22.88	10.45
		For Schedule 80 Nipples, Add	*3.58*	
		For Work In Restricted Working Space, Add	*4.72*	
23 21 13 23-0249	EA	1" x 6" Long, Schedule 40 Black Steel Nipple	26.66	11.34
		For Schedule 80 Nipples, Add	*4.86*	
		For Work In Restricted Working Space, Add	*5.08*	
23 21 13 23-0250	EA	1-1/4" x 6" Long, Schedule 40 Black Steel Nipple	30.72	12.22
		For Schedule 80 Nipples, Add	*6.19*	
		For Work In Restricted Working Space, Add	*5.51*	
23 21 13 23-0251	EA	1-1/2" x 6" Long, Schedule 40 Black Steel Nipple	32.79	12.22
		For Schedule 80 Nipples, Add	*7.22*	
		For Work In Restricted Working Space, Add	*5.51*	
23 21 13 23-0252	EA	2" x 6" Long, Schedule 40 Black Steel Nipple	43.13	15.74
		For Schedule 80 Nipples, Add	*9.73*	
		For Work In Restricted Working Space, Add	*7.10*	
23 21 13 23-0253	EA	2-1/2" x 6" Long, Schedule 40 Black Steel Nipple	74.23	19.60
		For Schedule 80 Nipples, Add	*22.44*	
		For Work In Restricted Working Space, Add	*8.81*	
23 21 13 23-0254	EA	3" x 6" Long, Schedule 40 Black Steel Nipple	95.03	23.67
		For Schedule 80 Nipples, Add	*29.76*	
		For Work In Restricted Working Space, Add	*10.65*	
23 21 13 23-0255	EA	4" x 6" Long, Schedule 40 Black Steel Nipple	125.35	28.88
		For Schedule 80 Nipples, Add	*41.04*	
		For Work In Restricted Working Space, Add	*12.98*	
23 21 13 23-0256	EA	3/8" x 8" Long, Schedule 40 Black Steel Nipple	32.35	10.45
		For Schedule 80 Nipples, Add	*8.31*	
		For Work In Restricted Working Space, Add	*4.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0257	EA	1/2" x 8" Long, Schedule 40 Black Steel Nipple	25.45	10.45
		For Schedule 80 Nipples, Add	*4.86*	
		For Work In Restricted Working Space, Add	*4.72*	
23 21 13 23-0258	EA	3/4" x 8" Long, Schedule 40 Black Steel Nipple	27.63	10.45
		For Schedule 80 Nipples, Add	*5.95*	
		For Work In Restricted Working Space, Add	*4.72*	
23 21 13 23-0259	EA	1" x 8" Long, Schedule 40 Black Steel Nipple	32.85	11.34
		For Schedule 80 Nipples, Add	*7.96*	
		For Work In Restricted Working Space, Add	*5.08*	
23 21 13 23-0260	EA	1-1/4" x 8" Long, Schedule 40 Black Steel Nipple	38.33	12.22
		For Schedule 80 Nipples, Add	*9.99*	
		For Work In Restricted Working Space, Add	*5.51*	
23 21 13 23-0261	EA	1-1/2" x 8" Long, Schedule 40 Black Steel Nipple	41.27	12.22
		For Schedule 80 Nipples, Add	*11.46*	
		For Work In Restricted Working Space, Add	*5.51*	
23 21 13 23-0262	EA	2" x 8" Long, Schedule 40 Black Steel Nipple	56.28	15.74
		For Schedule 80 Nipples, Add	*16.30*	
		For Work In Restricted Working Space, Add	*7.10*	
23 21 13 23-0263	EA	2-1/2" x 8" Long, Schedule 40 Black Steel Nipple	86.45	19.60
		For Schedule 80 Nipples, Add	*28.55*	
		For Work In Restricted Working Space, Add	*8.81*	
23 21 13 23-0264	EA	3" x 8" Long, Schedule 40 Black Steel Nipple	115.80	23.67
		For Schedule 80 Nipples, Add	*40.15*	
		For Work In Restricted Working Space, Add	*10.65*	
23 21 13 23-0265	EA	4" x 8" Long, Schedule 40 Black Steel Nipple	138.01	28.88
		For Schedule 80 Nipples, Add	*47.37*	
		For Work In Restricted Working Space, Add	*12.98*	
23 21 13 23-0266	EA	3/8" x 10" Long, Schedule 40 Black Steel Nipple	34.39	10.45
		For Schedule 80 Nipples, Add	*9.33*	
		For Work In Restricted Working Space, Add	*4.72*	
23 21 13 23-0267	EA	1/2" x 10" Long, Schedule 40 Black Steel Nipple	27.42	10.45
		For Schedule 80 Nipples, Add	*5.85*	
		For Work In Restricted Working Space, Add	*4.72*	
23 21 13 23-0268	EA	3/4" x 10" Long, Schedule 40 Black Steel Nipple	29.57	10.45
		For Schedule 80 Nipples, Add	*6.92*	
		For Work In Restricted Working Space, Add	*4.72*	
23 21 13 23-0269	EA	1" x 10" Long, Schedule 40 Black Steel Nipple	35.53	11.34
		For Schedule 80 Nipples, Add	*9.30*	
		For Work In Restricted Working Space, Add	*5.08*	
23 21 13 23-0270	EA	1-1/4" x 10" Long, Schedule 40 Black Steel Nipple	42.30	12.22
		For Schedule 80 Nipples, Add	*11.98*	
		For Work In Restricted Working Space, Add	*5.51*	
23 21 13 23-0271	EA	1-1/2" x 10" Long, Schedule 40 Black Steel Nipple	45.16	12.22
		For Schedule 80 Nipples, Add	*13.41*	
		For Work In Restricted Working Space, Add	*5.51*	
23 21 13 23-0272	EA	2" x 10" Long, Schedule 40 Black Steel Nipple	62.00	15.74
		For Schedule 80 Nipples, Add	*19.16*	
		For Work In Restricted Working Space, Add	*7.10*	
23 21 13 23-0273	EA	2-1/2" x 10" Long, Schedule 40 Black Steel Nipple	93.50	19.60
		For Schedule 80 Nipples, Add	*32.07*	
		For Work In Restricted Working Space, Add	*8.81*	
23 21 13 23-0274	EA	3" x 10" Long, Schedule 40 Black Steel Nipple	125.71	23.67
		For Schedule 80 Nipples, Add	*45.10*	
		For Work In Restricted Working Space, Add	*10.65*	
23 21 13 23-0275	EA	4" x 10" Long, Schedule 40 Black Steel Nipple	151.16	28.88
		For Schedule 80 Nipples, Add	*53.95*	
		For Work In Restricted Working Space, Add	*12.98*	
23 21 13 23-0276	EA	3/8" x 12" Long, Schedule 40 Black Steel Nipple	36.97	10.45
		For Schedule 80 Nipples, Add	*10.62*	
		For Work In Restricted Working Space, Add	*4.72*	
23 21 13 23-0277	EA	1/2" x 12" Long, Schedule 40 Black Steel Nipple	29.60	10.45
		For Schedule 80 Nipples, Add	*6.94*	
		For Work In Restricted Working Space, Add	*4.72*	
23 21 13 23-0278	EA	3/4" x 12" Long, Schedule 40 Black Steel Nipple	31.10	10.45
		For Schedule 80 Nipples, Add	*7.69*	
		For Work In Restricted Working Space, Add	*4.72*	
23 21 13 23-0279	EA	1" x 12" Long, Schedule 40 Black Steel Nipple	38.28	11.34
		For Schedule 80 Nipples, Add	*10.67*	
		For Work In Restricted Working Space, Add	*5.08*	
23 21 13 23-0280	EA	1-1/4" x 12" Long, Schedule 40 Black Steel Nipple	45.52	12.22
		For Schedule 80 Nipples, Add	*13.59*	
		For Work In Restricted Working Space, Add	*5.51*	
23 21 13 23-0281	EA	1-1/2" x 12" Long, Schedule 40 Black Steel Nipple	49.24	12.22
		For Schedule 80 Nipples, Add	*15.45*	
		For Work In Restricted Working Space, Add	*5.51*	
23 21 13 23-0282	EA	2" x 12" Long, Schedule 40 Black Steel Nipple	67.80	15.74
		For Schedule 80 Nipples, Add	*22.06*	
		For Work In Restricted Working Space, Add	*7.10*	
23 21 13 23-0283	EA	2-1/2" x 12" Long, Schedule 40 Black Steel Nipple	100.72	19.60
		For Schedule 80 Nipples, Add	*35.68*	
		For Work In Restricted Working Space, Add	*8.81*	
23 21 13 23-0284	EA	3" x 12" Long, Schedule 40 Black Steel Nipple	135.61	23.67
		For Schedule 80 Nipples, Add	*50.05*	
		For Work In Restricted Working Space, Add	*10.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0285	EA	4" x 12" Long, Schedule 40 Black Steel Nipple	169.75	28.88
		For Schedule 80 Nipples, Add	*63.24*	
		For Work In Restricted Working Space, Add	*12.98*	

23 21 13 23-0286 Black Malleable Iron Bushing *(23 21 13 23-0014)*

23 21 13 23-0287	EA	1/2" x 3/8", 150 Lb., Black Malleable Iron Bushing	31.55	17.95
		For Work In Restricted Working Space, Add	*8.07*	
23 21 13 23-0288	EA	3/4" x 3/8", 150 Lb., Black Malleable Iron Bushing	35.59	19.27
		For Work In Restricted Working Space, Add	*8.67*	
23 21 13 23-0289	EA	3/4" x 1/2", 150 Lb., Black Malleable Iron Bushing	37.80	20.70
		For Work In Restricted Working Space, Add	*9.33*	
23 21 13 23-0290	EA	1" x 3/8", 150 Lb., Black Malleable Iron Bushing	40.05	20.59
		For Work In Restricted Working Space, Add	*9.25*	
23 21 13 23-0291	EA	1" x 1/2", 150 Lb., Black Malleable Iron Bushing	39.91	22.02
		For Work In Restricted Working Space, Add	*9.91*	
23 21 13 23-0292	EA	1" x 3/4", 150 Lb., Black Malleable Iron Bushing	41.67	23.22
		For Work In Restricted Working Space, Add	*10.43*	
23 21 13 23-0293	EA	1-1/4" x 3/8", 150 Lb., Black Malleable Iron Bushing	43.59	22.13
		For Work In Restricted Working Space, Add	*9.98*	
23 21 13 23-0294	EA	1-1/4" x 1/2", 150 Lb., Black Malleable Iron Bushing	45.33	23.67
		For Work In Restricted Working Space, Add	*10.64*	
23 21 13 23-0295	EA	1-1/4" x 3/4", 150 Lb., Black Malleable Iron Bushing	46.09	24.77
		For Work In Restricted Working Space, Add	*11.16*	
23 21 13 23-0296	EA	1-1/4" x 1", 150 Lb., Black Malleable Iron Bushing	48.01	26.09
		For Work In Restricted Working Space, Add	*11.74*	
23 21 13 23-0297	EA	1-1/2" x 3/8", 150 Lb., Black Malleable Iron Bushing	49.55	24.00
		For Work In Restricted Working Space, Add	*10.77*	
23 21 13 23-0298	EA	1-1/2" x 1/2", 150 Lb., Black Malleable Iron Bushing	49.35	25.43
		For Work In Restricted Working Space, Add	*11.43*	
23 21 13 23-0299	EA	1-1/2" x 3/4", 150 Lb., Black Malleable Iron Bushing	51.10	26.53
		For Work In Restricted Working Space, Add	*11.96*	
23 21 13 23-0300	EA	1-1/2" x 1", 150 Lb., Black Malleable Iron Bushing	51.65	27.86
		For Work In Restricted Working Space, Add	*12.53*	
23 21 13 23-0301	EA	1-1/2" x 1-1/4", 150 Lb., Black Malleable Iron Bushing	55.47	29.51
		For Work In Restricted Working Space, Add	*13.26*	
23 21 13 23-0302	EA	2" x 3/8", 150 Lb., Black Malleable Iron Bushing	61.50	28.18
		For Work In Restricted Working Space, Add	*12.67*	
23 21 13 23-0303	EA	2" x 1/2", 150 Lb., Black Malleable Iron Bushing	61.42	29.61
		For Work In Restricted Working Space, Add	*13.33*	
23 21 13 23-0304	EA	2" x 3/4", 150 Lb., Black Malleable Iron Bushing	60.56	30.83
		For Work In Restricted Working Space, Add	*13.86*	
23 21 13 23-0305	EA	2" x 1", 150 Lb., Black Malleable Iron Bushing	61.56	32.04
		For Work In Restricted Working Space, Add	*14.43*	
23 21 13 23-0306	EA	2" x 1-1/4", 150 Lb., Black Malleable Iron Bushing	63.98	33.69
		For Work In Restricted Working Space, Add	*15.16*	
23 21 13 23-0307	EA	2" x 1-1/2", 150 Lb., Black Malleable Iron Bushing	68.16	35.45
		For Work In Restricted Working Space, Add	*15.95*	
23 21 13 23-0308	EA	2-1/2" x 3/4", 150 Lb., Black Malleable Iron Bushing	84.93	40.30
		For Work In Restricted Working Space, Add	*18.14*	
23 21 13 23-0309	EA	2-1/2" x 1", 150 Lb., Black Malleable Iron Bushing	86.85	41.62
		For Work In Restricted Working Space, Add	*18.72*	
23 21 13 23-0310	EA	2-1/2" x 1-1/4", 150 Lb., Black Malleable Iron Bushing	89.27	43.16
		For Work In Restricted Working Space, Add	*19.44*	
23 21 13 23-0311	EA	2-1/2" x 1-1/2", 150 Lb., Black Malleable Iron Bushing	90.26	45.03
		For Work In Restricted Working Space, Add	*20.24*	
23 21 13 23-0312	EA	2-1/2" x 2", 150 Lb., Black Malleable Iron Bushing	96.40	49.21
		For Work In Restricted Working Space, Add	*22.14*	
23 21 13 23-0313	EA	3" x 3/4", 150 Lb., Black Malleable Iron Bushing	108.21	49.54
		For Work In Restricted Working Space, Add	*22.31*	
23 21 13 23-0314	EA	3" x 1", 150 Lb., Black Malleable Iron Bushing	110.12	50.86
		For Work In Restricted Working Space, Add	*22.89*	
23 21 13 23-0315	EA	3" x 1-1/4", 150 Lb., Black Malleable Iron Bushing	112.55	52.51
		For Work In Restricted Working Space, Add	*23.62*	
23 21 13 23-0316	EA	3" x 1-1/2", 150 Lb., Black Malleable Iron Bushing	114.55	54.27
		For Work In Restricted Working Space, Add	*24.41*	
23 21 13 23-0317	EA	3" x 2", 150 Lb., Black Malleable Iron Bushing	118.70	58.45
		For Work In Restricted Working Space, Add	*26.31*	
23 21 13 23-0318	EA	3" x 2-1/2", 150 Lb., Black Malleable Iron Bushing	133.44	68.03
		For Work In Restricted Working Space, Add	*30.59*	
23 21 13 23-0319	EA	4" x 3/4", 150 Lb., Black Malleable Iron Bushing	144.14	52.79
		For Work In Restricted Working Space, Add	*23.78*	
23 21 13 23-0320	EA	4" x 1", 150 Lb., Black Malleable Iron Bushing	146.02	54.09
		For Work In Restricted Working Space, Add	*24.34*	
23 21 13 23-0321	EA	4" x 1-1/4", 150 Lb., Black Malleable Iron Bushing	148.40	55.71
		For Work In Restricted Working Space, Add	*25.05*	
23 21 13 23-0322	EA	4" x 1-1/2", 150 Lb., Black Malleable Iron Bushing	151.01	57.44
		For Work In Restricted Working Space, Add	*25.84*	
23 21 13 23-0323	EA	4" x 2", 150 Lb., Black Malleable Iron Bushing	153.75	61.55
		For Work In Restricted Working Space, Add	*27.70*	
23 21 13 23-0324	EA	4" x 2-1/2", 150 Lb., Black Malleable Iron Bushing	167.78	70.96
		For Work In Restricted Working Space, Add	*31.91*	
23 21 13 23-0325	EA	4" x 3", 150 Lb., Black Malleable Iron Bushing	181.45	80.05
		For Work In Restricted Working Space, Add	*36.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0326		**Black Malleable Iron Square Head Plugs** *(23 21 13 23-0014)*		
23 21 13 23-0327	EA	3/8", 150 Lb., Black Malleable Iron Square Head Plug	13.33	6.50
		For Work In Restricted Working Space, Add	*2.94*	
23 21 13 23-0328	EA	1/2", 150 Lb., Black Malleable Iron Square Head Plug	15.52	7.82
		For Work In Restricted Working Space, Add	*3.52*	
23 21 13 23-0329	EA	3/4", 150 Lb., Black Malleable Iron Square Head Plug	16.92	8.80
		For Work In Restricted Working Space, Add	*3.94*	
23 21 13 23-0330	EA	1", 150 Lb., Black Malleable Iron Square Head Plug	19.42	9.80
		For Work In Restricted Working Space, Add	*4.40*	
23 21 13 23-0331	EA	1-1/4", 150 Lb., Black Malleable Iron Square Head Plug	22.60	11.12
		For Work In Restricted Working Space, Add	*4.98*	
23 21 13 23-0332	EA	1-1/2", 150 Lb., Black Malleable Iron Square Head Plug	27.08	12.44
		For Work In Restricted Working Space, Add	*5.62*	
23 21 13 23-0333	EA	2", 150 Lb., Black Malleable Iron Square Head Plug	35.67	15.85
		For Work In Restricted Working Space, Add	*7.14*	
23 21 13 23-0334	EA	2-1/2", 150 Lb., Black Malleable Iron Square Head Plug	56.83	23.45
		For Work In Restricted Working Space, Add	*10.57*	
23 21 13 23-0335	EA	3", 150 Lb., Black Malleable Iron Square Head Plug	76.02	30.94
		For Work In Restricted Working Space, Add	*13.91*	
23 21 13 23-0336	EA	4", 150 Lb., Black Malleable Iron Square Head Plug	112.69	33.64
		For Work In Restricted Working Space, Add	*15.14*	
23 21 13 23-0337	EA	5", 150 Lb., Black Malleable Iron Square Head Plug	186.30	35.15
		For Work In Restricted Working Space, Add	*15.80*	
23 21 13 23-0338	EA	6", 150 Lb., Black Malleable Iron Square Head Plug	220.57	36.67
		For Work In Restricted Working Space, Add	*16.52*	
23 21 13 23-0339		**125 Lb., Black Cast Iron Screwed Flanges** *(23 21 13 23-0014)*		
		Note: Excludes bolt and gasket sets See CSI section 23 21 13 23-0619 for Class 150 steel bolt and gasket set.		
23 21 13 23-0340	EA	3/4", 125 Lb., Black Cast Iron Flange	133.79	44.03
		For Work In Restricted Working Space, Add	*19.82*	
23 21 13 23-0341	EA	1", 125 Lb., Black Cast Iron Flange	117.72	49.76
		For Work In Restricted Working Space, Add	*22.39*	
23 21 13 23-0342	EA	1-1/4", 125 Lb., Black Cast Iron Flange	128.79	51.53
		For Work In Restricted Working Space, Add	*23.18*	
23 21 13 23-0343	EA	1-1/2", 125 Lb., Black Cast Iron Flange	131.66	56.04
		For Work In Restricted Working Space, Add	*25.21*	
23 21 13 23-0344	EA	2", 125 Lb., Black Cast Iron Flange	135.24	58.45
		For Work In Restricted Working Space, Add	*26.32*	
23 21 13 23-0345	EA	2-1/2", 125 Lb., Black Cast Iron Flange	157.05	67.71
		For Work In Restricted Working Space, Add	*30.44*	
23 21 13 23-0346	EA	3", 125 Lb., Black Cast Iron Flange	200.38	85.87
		For Work In Restricted Working Space, Add	*38.63*	
23 21 13 23-0347	EA	4", 125 Lb., Black Cast Iron Flange	269.60	115.42
		For Work In Restricted Working Space, Add	*51.92*	
23 21 13 23-0348	EA	5", 125 Lb., Black Cast Iron Flange	342.40	137.49
		For Work In Restricted Working Space, Add	*61.82*	
23 21 13 23-0349	EA	6", 125 Lb., Black Cast Iron Flange	390.91	157.83
		For Work In Restricted Working Space, Add	*70.99*	
23 21 13 23-0350		**150 Lb., Black Malleable Iron Flanges** *(23 21 13 23-0014)*		
		Note: Excludes bolt and gasket sets See CSI section 23 21 13 23-0619 for Class 150 steel bolt and gasket set.		
23 21 13 23-0351	EA	1/2", 150 Lb., Black Malleable Iron Flange	75.30	40.18
		For Work In Restricted Working Space, Add	*18.10*	
23 21 13 23-0352	EA	3/4", 150 Lb., Black Malleable Iron Flange	82.21	44.03
		For Work In Restricted Working Space, Add	*19.82*	
23 21 13 23-0353	EA	1", 150 Lb., Black Malleable Iron Flange	95.61	49.76
		For Work In Restricted Working Space, Add	*22.39*	
23 21 13 23-0354	EA	1-1/4", 150 Lb., Black Malleable Iron Flange	99.68	51.53
		For Work In Restricted Working Space, Add	*23.18*	
23 21 13 23-0355	EA	1-1/2", 150 Lb., Black Malleable Iron Flange	108.50	56.04
		For Work In Restricted Working Space, Add	*25.21*	
23 21 13 23-0356	EA	2", 150 Lb., Black Malleable Iron Flange	119.62	58.45
		For Work In Restricted Working Space, Add	*26.31*	
23 21 13 23-0357	EA	2-1/2", 150 Lb., Black Malleable Iron Flange	151.49	67.71
		For Work In Restricted Working Space, Add	*30.44*	
23 21 13 23-0358	EA	3", 150 Lb., Black Malleable Iron Flange	191.97	85.87
		For Work In Restricted Working Space, Add	*38.62*	
23 21 13 23-0359	EA	4", 150 Lb., Black Malleable Iron Flange	280.45	115.42
		For Work In Restricted Working Space, Add	*51.91*	
23 21 13 23-0360		**Welded Black Steel Pipe** *(23 21 13 23)*		
23 21 13 23-0361		**Welded Plain End Black Steel Pipe Assemblies** *(23 21 13 23-0360)*		
		Note: ASTM A-53 pipe and A-234 WPB fittings. Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
23 21 13 23-0362	LF	3/4" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	27.29	8.38
		For Work In Restricted Working Space, Add	*6.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0363	LF	1" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	30.67	8.93
		For Work In Restricted Working Space, Add	*6.86*	
23 21 13 23-0364	LF	1-1/4" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	37.31	9.49
		For Work In Restricted Working Space, Add	*7.87*	
23 21 13 23-0365	LF	1-1/2" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	40.49	9.49
		For Work In Restricted Working Space, Add	*8.23*	
23 21 13 23-0366	LF	2" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	46.47	9.49
		For Work In Restricted Working Space, Add	*9.53*	
23 21 13 23-0367	LF	2-1/2" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	53.78	9.49
		For Work In Restricted Working Space, Add	*11.04*	
23 21 13 23-0368	LF	3" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	64.27	9.27
		For Work In Restricted Working Space, Add	*11.65*	
23 21 13 23-0369	LF	4" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	87.89	11.89
		For Work In Restricted Working Space, Add	*14.75*	
23 21 13 23-0370	LF	6" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	121.11	17.71
		For Work In Restricted Working Space, Add	*16.98*	
23 21 13 23-0371	LF	8" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	182.80	22.00
		For Work In Restricted Working Space, Add	*25.19*	
23 21 13 23-0372	LF	10" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	243.79	27.51
		For Work In Restricted Working Space, Add	*30.04*	
23 21 13 23-0373	LF	12" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	307.27	33.22
		For Work In Restricted Working Space, Add	*34.71*	
23 21 13 23-0374	LF	14" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	327.24	43.35
		For Work In Restricted Working Space, Add	*38.73*	
23 21 13 23-0375	LF	16" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	376.69	55.01
		For Work In Restricted Working Space, Add	*43.28*	
23 21 13 23-0376	LF	18" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	479.22	68.11
		For Work In Restricted Working Space, Add	*47.48*	
23 21 13 23-0377	LF	20" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	596.48	84.17
		For Work In Restricted Working Space, Add	*54.36*	
23 21 13 23-0378	LF	24" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	736.00	95.40
		For Work In Restricted Working Space, Add	*59.76*	

23 21 13 23-0379 Welded Black Steel Pipe And Fittings *(23 21 13 23-0360)*

Note: ASTM A-53 pipe and A-234 WPB fittings. Excludes hangers or fittings.

23 21 13 23-0380 Welded Plain End (A-53) Black Steel Piping *(23 21 13 23-0379)*

23 21 13 23-0381	LF	3/4" Schedule 40, Welded Plain End Black Steel Pipe	12.42	4.47
		For Schedule 80 Pipe, Add	*2.04*	
		For Work In Restricted Working Space, Add	*2.68*	
23 21 13 23-0382	LF	1" Schedule 40, Welded Plain End Black Steel Pipe	15.81	5.59
		For Schedule 80 Pipe, Add	*2.60*	
		For Work In Restricted Working Space, Add	*3.35*	
23 21 13 23-0383	LF	1-1/4" Schedule 40, Welded Plain End Black Steel Pipe	20.21	6.70
		For Schedule 80 Pipe, Add	*3.37*	
		For Work In Restricted Working Space, Add	*4.02*	
23 21 13 23-0384	LF	1-1/2" Schedule 40, Welded Plain End Black Steel Pipe	24.68	7.82
		For Schedule 80 Pipe, Add	*4.15*	
		For Work In Restricted Working Space, Add	*4.69*	
23 21 13 23-0385	LF	2" Schedule 40, Welded Plain End Black Steel Pipe	29.37	9.27
		For Schedule 80 Pipe, Add	*4.95*	
		For Work In Restricted Working Space, Add	*5.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0386	LF	2-1/2" Schedule 40, Welded Plain End Black Steel Pipe	33.63	10.50
		For Work In Restricted Working Space, Add	*6.30*	
		For Schedule 80 Pipe, Add	*8.10*	
23 21 13 23-0387	LF	3" Schedule 40, Welded Plain End Black Steel Pipe	42.61	11.28
		For Work In Restricted Working Space, Add	*6.77*	
		For Schedule 80 Pipe, Add	*10.97*	
23 21 13 23-0388	LF	4" Schedule 40, Welded Plain End Black Steel Pipe	60.06	13.96
		For Work In Restricted Working Space, Add	*8.38*	
		For Schedule 80 Pipe, Add	*16.14*	
23 21 13 23-0389	LF	6" Schedule 40, Welded Plain End Black Steel Pipe	88.50	22.62
		For Work In Restricted Working Space, Add	*10.39*	
		For Schedule 80 Pipe, Add	*24.91*	
23 21 13 23-0390	LF	8" Schedule 40, Welded Plain End Black Steel Pipe	128.54	23.66
		For Schedule 30 Pipe, Deduct	*-20.98*	
		For Work In Restricted Working Space, Add	*14.20*	
		For Schedule 80 Pipe, Add	*36.71*	
23 21 13 23-0391	LF	10" Schedule 40, Welded Plain End Black Steel Pipe	171.96	28.49
		For Schedule 30 Pipe, Deduct	*-28.69*	
		For Work In Restricted Working Space, Add	*17.10*	
		For Schedule 80 Pipe, Add	*50.21*	
23 21 13 23-0392	LF	12" Schedule 40, Welded Plain End Black Steel Pipe	220.91	34.44
		For Schedule 30 Pipe, Deduct	*-37.30*	
		For Work In Restricted Working Space, Add	*20.66*	
		For Schedule 80 Pipe, Add	*65.27*	

23 21 13 23-0393 Welded Plain End (A-106) Seamless Carbon Steel Piping *(23 21 13 23-0379)*

23 21 13 23-0394	LF	1/4" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	11.43	3.13
		For Work In Restricted Working Space, Add	*1.88*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*2.85*	
23 21 13 23-0395	LF	1/2" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	11.56	3.46
		For Work In Restricted Working Space, Add	*2.04*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*2.78*	
23 21 13 23-0396	LF	3/4" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	14.60	4.47
		For Work In Restricted Working Space, Add	*2.68*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*3.44*	
23 21 13 23-0397	LF	1" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	17.90	5.59
		For Work In Restricted Working Space, Add	*3.35*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*4.17*	
23 21 13 23-0398	LF	1-1/4" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	22.63	6.70
		For Work In Restricted Working Space, Add	*4.02*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*5.43*	
23 21 13 23-0399	LF	1-1/2" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	26.42	7.82
		For Work In Restricted Working Space, Add	*4.69*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*6.34*	
23 21 13 23-0400	LF	2" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	31.40	9.27
		For Work In Restricted Working Space, Add	*5.56*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*7.54*	
23 21 13 23-0401	LF	2-1/2" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	41.58	10.50
		For Work In Restricted Working Space, Add	*6.30*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*14.67*	
23 21 13 23-0402	LF	3" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	47.75	11.28
		For Work In Restricted Working Space, Add	*6.77*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*17.49*	
23 21 13 23-0403	LF	4" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	59.34	13.96
		For Work In Restricted Working Space, Add	*8.38*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*21.78*	
23 21 13 23-0404	LF	6" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	93.17	22.67
		For Work In Restricted Working Space, Add	*10.39*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*37.98*	
23 21 13 23-0405	LF	8" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	135.42	23.66
		For Work In Restricted Working Space, Add	*14.20*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*56.43*	
23 21 13 23-0406	LF	10" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	182.65	28.49
		For Work In Restricted Working Space, Add	*17.10*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*78.91*	
23 21 13 23-0407	LF	12" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	222.71	34.44
		For Work In Restricted Working Space, Add	*20.66*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*96.48*	
23 21 13 23-0408	LF	14" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	261.82	36.31
		For Work In Restricted Working Space, Add	*21.79*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*116.85*	
23 21 13 23-0409	LF	16" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	302.66	39.06
		For Work In Restricted Working Space, Add	*23.44*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*137.46*	
23 21 13 23-0410	LF	18" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	367.78	42.25
		For Work In Restricted Working Space, Add	*25.35*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*171.31*	
23 21 13 23-0411	LF	20" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	443.24	50.61
		For Work In Restricted Working Space, Add	*30.37*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*206.71*	
23 21 13 23-0412	LF	24" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	559.48	58.21
		For Work In Restricted Working Space, Add	*34.92*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*265.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 21 13 23-0413 Welded Plain End Black Steel 90 Degree Elbows *(23 21 13 23-0379)*

23 21 13 23-0414	EA	3/4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	122.68	69.76
		For Schedule 80 Or Extra Heavy Fittings, Add	*25.83*	
		For Work In Restricted Working Space, Add	*31.36*	
23 21 13 23-0415	EA	1" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	128.16	73.39
		For Schedule 80 Or Extra Heavy Fittings, Add	*26.90*	
		For Work In Restricted Working Space, Add	*33.00*	
23 21 13 23-0416	EA	1-1/4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	143.56	83.63
		For Schedule 80 Or Extra Heavy Fittings, Add	*29.90*	
		For Work In Restricted Working Space, Add	*37.62*	
23 21 13 23-0417	EA	1-1/2" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	153.46	90.22
		For Schedule 80 Or Extra Heavy Fittings, Add	*31.83*	
		For Work In Restricted Working Space, Add	*40.59*	
23 21 13 23-0418	EA	2" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	194.16	117.40
		For Schedule 80 Or Extra Heavy Fittings, Add	*39.77*	
		For Work In Restricted Working Space, Add	*52.80*	
23 21 13 23-0419	EA	2-1/2" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	244.21	146.77
		For Schedule 80 Or Extra Heavy Fittings, Add	*50.16*	
		For Work In Restricted Working Space, Add	*66.00*	
23 21 13 23-0420	EA	3" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	255.22	151.00
		For Schedule 80 Or Extra Heavy Fittings, Add	*52.80*	
		For Work In Restricted Working Space, Add	*67.89*	
23 21 13 23-0421	EA	4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	438.99	260.90
		For Schedule 80 Or Extra Heavy Fittings, Add	*90.62*	
		For Work In Restricted Working Space, Add	*117.35*	
23 21 13 23-0422	EA	6" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	763.18	430.55
		For Schedule 80 Or Extra Heavy Fittings, Add	*161.17*	
		For Work In Restricted Working Space, Add	*193.67*	
23 21 13 23-0423	EA	8" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	1,112.21	596.24
		For Schedule 80 Or Extra Heavy Fittings, Add	*239.80*	
		For Work In Restricted Working Space, Add	*268.19*	
23 21 13 23-0424	EA	10" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	1,422.40	681.51
		For Schedule 80 Or Extra Heavy Fittings, Add	*319.44*	
		For Work In Restricted Working Space, Add	*306.50*	
23 21 13 23-0425	EA	12" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	1,917.84	891.65
		For Schedule 80 Or Extra Heavy Fittings, Add	*434.99*	
		For Work In Restricted Working Space, Add	*401.03*	

23 21 13 23-0426 Welded Plain End Black Steel Reducing 90 Degree Elbows *(23 21 13 23-0379)*

23 21 13 23-0427	EA	4" x 3" 90 Standard Weight, Welded Plain End Black Steel Reducing 90 Degree Elbow	588.62	261.35
		For Schedule 80 Or Extra Heavy Fittings, Add	*135.44*	
		For Work In Restricted Working Space, Add	*117.56*	
23 21 13 23-0428	EA	6" x 4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	1,023.05	425.63
		For Schedule 80 Or Extra Heavy Fittings, Add	*239.90*	
		For Work In Restricted Working Space, Add	*191.46*	
23 21 13 23-0429	EA	6" x 3" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	1,089.03	425.63
		For Schedule 80 Or Extra Heavy Fittings, Add	*259.70*	
		For Work In Restricted Working Space, Add	*191.46*	
23 21 13 23-0430	EA	8" x 6" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	1,705.78	596.24
		For Schedule 80 Or Extra Heavy Fittings, Add	*417.87*	
		For Work In Restricted Working Space, Add	*268.19*	
23 21 13 23-0431	EA	8" x 4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	1,863.11	596.24
		For Schedule 80 Or Extra Heavy Fittings, Add	*465.07*	
		For Work In Restricted Working Space, Add	*268.19*	
23 21 13 23-0432	EA	10" x 8" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	2,319.31	681.51
		For Schedule 80 Or Extra Heavy Fittings, Add	*588.52*	
		For Work In Restricted Working Space, Add	*306.50*	
23 21 13 23-0433	EA	10" x 6" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	2,319.31	681.51
		For Schedule 80 Or Extra Heavy Fittings, Add	*588.52*	
		For Work In Restricted Working Space, Add	*306.50*	
23 21 13 23-0434	EA	12" x 10" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	3,771.48	908.60
		For Schedule 80 Or Extra Heavy Fittings, Add	*988.41*	
		For Work In Restricted Working Space, Add	*408.67*	
23 21 13 23-0435	EA	12" x 8" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	3,771.48	908.60
		For Schedule 80 Or Extra Heavy Fittings, Add	*988.41*	
		For Work In Restricted Working Space, Add	*408.67*	
23 21 13 23-0436	EA	12" x 6" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	4,199.43	908.60
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,116.79*	
		For Work In Restricted Working Space, Add	*408.67*	

23 21 13 23-0437 Welded Plain End Black Steel 45 Degree Elbows *(23 21 13 23-0379)*

23 21 13 23-0438	EA	3/4" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	109.34	63.33
		For Schedule 80 Or Extra Heavy Fittings, Add	*22.83*	
		For Work In Restricted Working Space, Add	*28.48*	
23 21 13 23-0439	EA	1" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	112.69	65.56
		For Schedule 80 Or Extra Heavy Fittings, Add	*23.49*	
		For Work In Restricted Working Space, Add	*29.48*	
23 21 13 23-0440	EA	1-1/4" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	127.22	75.28
		For Schedule 80 Or Extra Heavy Fittings, Add	*26.32*	
		For Work In Restricted Working Space, Add	*33.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0441	EA	1-1/2" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	136.15	81.20
		For Schedule 80 Or Extra Heavy Fittings, Add	*28.06*	
		For Work In Restricted Working Space, Add	*36.52*	
23 21 13 23-0442	EA	2" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	171.89	104.98
		For Schedule 80 Or Extra Heavy Fittings, Add	*35.03*	
		For Work In Restricted Working Space, Add	*47.24*	
23 21 13 23-0443	EA	2-1/2" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	214.45	131.90
		For Schedule 80 Or Extra Heavy Fittings, Add	*43.58*	
		For Work In Restricted Working Space, Add	*59.30*	
23 21 13 23-0444	EA	3" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	247.39	150.89
		For Schedule 80 Or Extra Heavy Fittings, Add	*50.46*	
		For Work In Restricted Working Space, Add	*67.88*	
23 21 13 23-0445	EA	4" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	425.98	260.79
		For Schedule 80 Or Extra Heavy Fittings, Add	*86.73*	
		For Work In Restricted Working Space, Add	*117.32*	
23 21 13 23-0446	EA	6" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	730.69	430.10
		For Schedule 80 Or Extra Heavy Fittings, Add	*151.50*	
		For Work In Restricted Working Space, Add	*193.45*	
23 21 13 23-0447	EA	8" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	1,053.32	596.24
		For Schedule 80 Or Extra Heavy Fittings, Add	*222.13*	
		For Work In Restricted Working Space, Add	*268.19*	
23 21 13 23-0448	EA	10" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	1,314.27	681.51
		For Schedule 80 Or Extra Heavy Fittings, Add	*287.01*	
		For Work In Restricted Working Space, Add	*306.50*	
23 21 13 23-0449	EA	12" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	1,758.55	890.01
		For Schedule 80 Or Extra Heavy Fittings, Add	*387.47*	
		For Work In Restricted Working Space, Add	*400.28*	

23 21 13 23-0450 Welded Plain End Black Steel Tee *(23 21 13 23-0379)*

23 21 13 23-0451	EA	3/4" Standard Weight, Welded Plain End Black Steel Tee	222.21	119.16
		For Schedule 80 Or Extra Heavy Fittings, Add	*47.90*	
		For Work In Restricted Working Space, Add	*53.61*	
23 21 13 23-0452	EA	1" Standard Weight, Welded Plain End Black Steel Tee	222.15	119.16
		For Schedule 80 Or Extra Heavy Fittings, Add	*47.89*	
		For Work In Restricted Working Space, Add	*53.59*	
23 21 13 23-0453	EA	1-1/4" Standard Weight, Welded Plain End Black Steel Tee	251.17	132.57
		For Schedule 80 Or Extra Heavy Fittings, Add	*54.48*	
		For Work In Restricted Working Space, Add	*59.62*	
23 21 13 23-0454	EA	1-1/2" Standard Weight, Welded Plain End Black Steel Tee	275.81	148.99
		For Schedule 80 Or Extra Heavy Fittings, Add	*59.29*	
		For Work In Restricted Working Space, Add	*67.01*	
23 21 13 23-0455	EA	2" Standard Weight, Welded Plain End Black Steel Tee	344.60	198.91
		For Schedule 80 Or Extra Heavy Fittings, Add	*72.07*	
		For Work In Restricted Working Space, Add	*89.46*	
23 21 13 23-0456	EA	2-1/2" Standard Weight, Welded Plain End Black Steel Tee	392.69	223.48
		For Schedule 80 Or Extra Heavy Fittings, Add	*82.62*	
		For Work In Restricted Working Space, Add	*100.52*	
23 21 13 23-0457	EA	3" Standard Weight, Welded Plain End Black Steel Tee	470.33	271.39
		For Schedule 80 Or Extra Heavy Fittings, Add	*98.41*	
		For Work In Restricted Working Space, Add	*121.96*	
23 21 13 23-0458	EA	4" Standard Weight, Welded Plain End Black Steel Tee	676.56	392.13
		For Schedule 80 Or Extra Heavy Fittings, Add	*141.25*	
		For Work In Restricted Working Space, Add	*176.35*	
23 21 13 23-0459	EA	6" Standard Weight, Welded Plain End Black Steel Tee	1,132.69	647.78
		For Schedule 80 Or Extra Heavy Fittings, Add	*237.83*	
		For Work In Restricted Working Space, Add	*291.35*	
23 21 13 23-0460	EA	8" Standard Weight, Welded Plain End Black Steel Tee	1,661.30	908.60
		For Schedule 80 Or Extra Heavy Fittings, Add	*355.36*	
		For Work In Restricted Working Space, Add	*408.67*	
23 21 13 23-0461	EA	10" Standard Weight, Welded Plain End Black Steel Tee	2,090.72	1,059.99
		For Schedule 80 Or Extra Heavy Fittings, Add	*460.34*	
		For Work In Restricted Working Space, Add	*476.78*	
23 21 13 23-0462	EA	12" Standard Weight, Welded Plain End Black Steel Tee	2,806.01	1,362.90
		For Schedule 80 Or Extra Heavy Fittings, Add	*627.25*	
		For Work In Restricted Working Space, Add	*613.01*	

23 21 13 23-0463 Welded Plain End Black Steel Reducing Tees *(23 21 13 23-0379)*

23 21 13 23-0464	EA	3/4" Standard Weight, Welded Plain End Black Steel Reducing Tee	216.62	115.49
		For Schedule 80 Or Extra Heavy Fittings, Add	*46.81*	
		For Work In Restricted Working Space, Add	*51.93*	
23 21 13 23-0465	EA	1" Standard Weight, Welded Plain End Black Steel Reducing Tee	222.15	119.16
		For Schedule 80 Or Extra Heavy Fittings, Add	*47.89*	
		For Work In Restricted Working Space, Add	*53.59*	
23 21 13 23-0466	EA	1-1/4" Standard Weight, Welded Plain End Black Steel Reducing Tee	248.39	132.57
		For Schedule 80 Or Extra Heavy Fittings, Add	*53.65*	
		For Work In Restricted Working Space, Add	*59.62*	
23 21 13 23-0467	EA	1-1/2" Standard Weight, Welded Plain End Black Steel Reducing Tee	273.03	148.99
		For Schedule 80 Or Extra Heavy Fittings, Add	*58.46*	
		For Work In Restricted Working Space, Add	*67.01*	
23 21 13 23-0468	EA	2" Standard Weight, Welded Plain End Black Steel Reducing Tee	350.86	198.91
		For Schedule 80 Or Extra Heavy Fittings, Add	*73.94*	
		For Work In Restricted Working Space, Add	*89.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0469	EA	2-1/2" Standard Weight, Welded Plain End Black Steel Reducing Tee	392.82	223.59
		For Schedule 80 Or Extra Heavy Fittings, Add	*82.65*	
		For Work In Restricted Working Space, Add	*100.56*	
23 21 13 23-0470	EA	3" Standard Weight, Welded Plain End Black Steel Reducing Tee	470.62	271.39
		For Schedule 80 Or Extra Heavy Fittings, Add	*98.50*	
		For Work In Restricted Working Space, Add	*121.96*	
23 21 13 23-0471	EA	4" Standard Weight, Welded Plain End Black Steel Reducing Tee	676.97	392.13
		For Schedule 80 Or Extra Heavy Fittings, Add	*141.37*	
		For Work In Restricted Working Space, Add	*176.35*	
23 21 13 23-0472	EA	6" Standard Weight, Welded Plain End Black Steel Reducing Tee	1,133.40	647.78
		For Schedule 80 Or Extra Heavy Fittings, Add	*238.05*	
		For Work In Restricted Working Space, Add	*291.35*	
23 21 13 23-0473	EA	8" Standard Weight, Welded Plain End Black Steel Reducing Tee	1,662.65	908.60
		For Schedule 80 Or Extra Heavy Fittings, Add	*355.76*	
		For Work In Restricted Working Space, Add	*408.67*	
23 21 13 23-0474	EA	10" Standard Weight, Welded Plain End Black Steel Reducing Tee	2,093.01	1,059.99
		For Schedule 80 Or Extra Heavy Fittings, Add	*461.03*	
		For Work In Restricted Working Space, Add	*476.78*	
23 21 13 23-0475	EA	12" Standard Weight, Welded Plain End Black Steel Reducing Tee	2,809.47	1,362.90
		For Schedule 80 Or Extra Heavy Fittings, Add	*628.29*	
		For Work In Restricted Working Space, Add	*613.01*	

23 21 13 23-0476 Welded Plain End Black Steel Eccentric Reducers *(23 21 13 23-0379)*

23 21 13 23-0477	EA	1" x 3/4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	135.49	72.62
		For Schedule 80 Or Extra Heavy Fittings, Add	*29.21*	
		For Work In Restricted Working Space, Add	*32.67*	
23 21 13 23-0478	EA	1-/4" x 1" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	146.08	79.69
		For Schedule 80 Or Extra Heavy Fittings, Add	*31.28*	
		For Work In Restricted Working Space, Add	*35.84*	
23 21 13 23-0479	EA	1-/4" x 3/4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	143.30	77.85
		For Schedule 80 Or Extra Heavy Fittings, Add	*30.74*	
		For Work In Restricted Working Space, Add	*35.01*	
23 21 13 23-0480	EA	1-/2" x 1-1/4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	158.92	88.27
		For Schedule 80 Or Extra Heavy Fittings, Add	*33.78*	
		For Work In Restricted Working Space, Add	*39.70*	
23 21 13 23-0481	EA	1-/2" x 1" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	151.11	83.05
		For Schedule 80 Or Extra Heavy Fittings, Add	*32.26*	
		For Work In Restricted Working Space, Add	*37.35*	
23 21 13 23-0482	EA	1-/2" x 3/4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	148.33	81.20
		For Schedule 80 Or Extra Heavy Fittings, Add	*31.72*	
		For Work In Restricted Working Space, Add	*36.52*	
23 21 13 23-0483	EA	2" x 1-1/2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	174.12	105.39
		For Schedule 80 Or Extra Heavy Fittings, Add	*35.64*	
		For Work In Restricted Working Space, Add	*47.40*	
23 21 13 23-0484	EA	2" x 1-1/4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	179.07	102.04
		For Schedule 80 Or Extra Heavy Fittings, Add	*37.66*	
		For Work In Restricted Working Space, Add	*45.89*	
23 21 13 23-0485	EA	2" x 1" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	171.26	96.83
		For Schedule 80 Or Extra Heavy Fittings, Add	*36.14*	
		For Work In Restricted Working Space, Add	*43.55*	
23 21 13 23-0486	EA	2-1/2" x 2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	219.69	134.07
		For Schedule 80 Or Extra Heavy Fittings, Add	*44.80*	
		For Work In Restricted Working Space, Add	*60.30*	
23 21 13 23-0487	EA	2-1/2" x 1-1/2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	202.25	120.29
		For Schedule 80 Or Extra Heavy Fittings, Add	*41.74*	
		For Work In Restricted Working Space, Add	*54.10*	
23 21 13 23-0488	EA	2-1/2" x 1-1/4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	214.94	116.94
		For Schedule 80 Or Extra Heavy Fittings, Add	*46.07*	
		For Work In Restricted Working Space, Add	*52.59*	
23 21 13 23-0489	EA	3" x 2-1/2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	246.09	150.44
		For Schedule 80 Or Extra Heavy Fittings, Add	*50.14*	
		For Work In Restricted Working Space, Add	*67.69*	
23 21 13 23-0490	EA	3" x 2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	247.54	150.44
		For Schedule 80 Or Extra Heavy Fittings, Add	*50.57*	
		For Work In Restricted Working Space, Add	*67.69*	
23 21 13 23-0491	EA	3" x 1-1/2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	250.60	150.44
		For Schedule 80 Or Extra Heavy Fittings, Add	*51.49*	
		For Work In Restricted Working Space, Add	*67.69*	
23 21 13 23-0492	EA	4" x 3" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	418.62	261.35
		For Schedule 80 Or Extra Heavy Fittings, Add	*84.44*	
		For Work In Restricted Working Space, Add	*117.56*	
23 21 13 23-0493	EA	4" x 2-1/2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	420.07	261.35
		For Schedule 80 Or Extra Heavy Fittings, Add	*84.87*	
		For Work In Restricted Working Space, Add	*117.56*	
23 21 13 23-0494	EA	4" x 2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	424.42	261.35
		For Schedule 80 Or Extra Heavy Fittings, Add	*86.18*	
		For Work In Restricted Working Space, Add	*117.56*	
23 21 13 23-0495	EA	6" x 4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	693.29	425.63
		For Schedule 80 Or Extra Heavy Fittings, Add	*140.98*	
		For Work In Restricted Working Space, Add	*191.46*	
23 21 13 23-0496	EA	6" x 3" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	724.54	425.63
		For Schedule 80 Or Extra Heavy Fittings, Add	*150.35*	
		For Work In Restricted Working Space, Add	*191.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0497	EA	8" x 6" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	1,041.42	647.78
		For Schedule 80 Or Extra Heavy Fittings, Add	*210.45*	
		For Work In Restricted Working Space, Add	*291.35*	
23 21 13 23-0498	EA	8" x 4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	1,099.57	647.78
		For Schedule 80 Or Extra Heavy Fittings, Add	*227.90*	
		For Work In Restricted Working Space, Add	*291.35*	
23 21 13 23-0499	EA	10" x 8" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	1,208.83	744.94
		For Schedule 80 Or Extra Heavy Fittings, Add	*245.38*	
		For Work In Restricted Working Space, Add	*335.06*	
23 21 13 23-0500	EA	10" x 6" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	1,278.75	744.94
		For Schedule 80 Or Extra Heavy Fittings, Add	*266.36*	
		For Work In Restricted Working Space, Add	*335.06*	
23 21 13 23-0501	EA	10" x 4" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	1,370.73	744.94
		For Schedule 80 Or Extra Heavy Fittings, Add	*293.95*	
		For Concentric Reducers, Deduct	*-81.24*	
		For Work In Restricted Working Space, Add	*335.06*	
23 21 13 23-0502	EA	12" x 10" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	1,503.17	906.84
		For Schedule 80 Or Extra Heavy Fittings, Add	*308.19*	
		For Work In Restricted Working Space, Add	*407.89*	
23 21 13 23-0503	EA	12" x 8" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	1,584.84	906.84
		For Schedule 80 Or Extra Heavy Fittings, Add	*332.69*	
		For Work In Restricted Working Space, Add	*407.89*	
23 21 13 23-0504	EA	12" x 6" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	1,722.90	906.84
		For Schedule 80 Or Extra Heavy Fittings, Add	*374.11*	
		For Concentric Reducers, Deduct	*-116.24*	
		For Work In Restricted Working Space, Add	*407.89*	
23 21 13 23-0505	EA	12" x 4" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	1,500.85	906.84
		For Schedule 80 Or Extra Heavy Fittings, Add	*307.49*	
		For Concentric Reducers, Deduct	*-45.19*	
		For Work In Restricted Working Space, Add	*407.89*	

23 21 13 23-0506 Welded Plain End Black Steel Concentric Reducers *(23 21 13 23-0379)*

23 21 13 23-0507	EA	1" x 3/4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	128.52	72.62
		For Schedule 80 Or Extra Heavy Fittings, Add	*27.12*	
		For Work In Restricted Working Space, Add	*32.67*	
23 21 13 23-0508	EA	1-/4" x 1" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	139.11	79.69
		For Schedule 80 Or Extra Heavy Fittings, Add	*29.19*	
		For Work In Restricted Working Space, Add	*35.84*	
23 21 13 23-0509	EA	1-/4" x 3/4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	136.33	77.85
		For Schedule 80 Or Extra Heavy Fittings, Add	*28.65*	
		For Work In Restricted Working Space, Add	*35.01*	
23 21 13 23-0510	EA	1-/2" x 1-1/4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	151.95	88.27
		For Schedule 80 Or Extra Heavy Fittings, Add	*31.69*	
		For Work In Restricted Working Space, Add	*39.70*	
23 21 13 23-0511	EA	1-/2" x 1" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	144.14	83.05
		For Schedule 80 Or Extra Heavy Fittings, Add	*30.17*	
		For Work In Restricted Working Space, Add	*37.35*	
23 21 13 23-0512	EA	1-/2" x 3/4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	141.36	81.20
		For Schedule 80 Or Extra Heavy Fittings, Add	*29.63*	
		For Work In Restricted Working Space, Add	*36.52*	
23 21 13 23-0513	EA	2" x 1-1/2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	170.57	105.39
		For Schedule 80 Or Extra Heavy Fittings, Add	*34.58*	
		For Work In Restricted Working Space, Add	*47.40*	
23 21 13 23-0514	EA	2" x 1-1/4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	165.54	102.04
		For Schedule 80 Or Extra Heavy Fittings, Add	*33.60*	
		For Work In Restricted Working Space, Add	*45.89*	
23 21 13 23-0515	EA	2" x 1" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	162.57	96.83
		For Schedule 80 Or Extra Heavy Fittings, Add	*33.53*	
		For Work In Restricted Working Space, Add	*43.55*	
23 21 13 23-0516	EA	2-1/2" x 2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	217.11	134.07
		For Schedule 80 Or Extra Heavy Fittings, Add	*44.03*	
		For Work In Restricted Working Space, Add	*60.30*	
23 21 13 23-0517	EA	2-1/2" x 1-1/2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	200.80	120.29
		For Schedule 80 Or Extra Heavy Fittings, Add	*41.30*	
		For Work In Restricted Working Space, Add	*54.10*	
23 21 13 23-0518	EA	2-1/2" x 1-1/4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	202.69	116.94
		For Schedule 80 Or Extra Heavy Fittings, Add	*42.40*	
		For Work In Restricted Working Space, Add	*52.59*	
23 21 13 23-0519	EA	3" x 2-1/2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	238.68	150.44
		For Schedule 80 Or Extra Heavy Fittings, Add	*47.91*	
		For Work In Restricted Working Space, Add	*67.69*	
23 21 13 23-0520	EA	3" x 2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	239.65	150.44
		For Schedule 80 Or Extra Heavy Fittings, Add	*48.20*	
		For Work In Restricted Working Space, Add	*67.69*	
23 21 13 23-0521	EA	3" x 1-1/2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	241.74	150.44
		For Schedule 80 Or Extra Heavy Fittings, Add	*48.83*	
		For Work In Restricted Working Space, Add	*67.69*	
23 21 13 23-0522	EA	4" x 3" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	408.63	261.35
		For Schedule 80 Or Extra Heavy Fittings, Add	*81.44*	
		For Work In Restricted Working Space, Add	*117.56*	
23 21 13 23-0523	EA	4" x 2-1/2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	412.34	261.35
		For Schedule 80 Or Extra Heavy Fittings, Add	*82.55*	
		For Work In Restricted Working Space, Add	*117.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0524	EA	4" x 2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	412.34	261.35
		For Schedule 80 Or Extra Heavy Fittings, Add	*82.55*	
		For Work In Restricted Working Space, Add	*117.56*	
23 21 13 23-0525	EA	6" x 4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	673.32	425.63
		For Schedule 80 Or Extra Heavy Fittings, Add	*134.99*	
		For Work In Restricted Working Space, Add	*191.46*	
23 21 13 23-0526	EA	6" x 3" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	680.73	425.63
		For Schedule 80 Or Extra Heavy Fittings, Add	*137.21*	
		For Work In Restricted Working Space, Add	*191.46*	
23 21 13 23-0527	EA	8" x 6" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	1,017.25	647.78
		For Schedule 80 Or Extra Heavy Fittings, Add	*203.20*	
		For Work In Restricted Working Space, Add	*291.35*	
23 21 13 23-0528	EA	8" x 4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	1,030.46	647.78
		For Schedule 80 Or Extra Heavy Fittings, Add	*207.16*	
		For Work In Restricted Working Space, Add	*291.35*	
23 21 13 23-0529	EA	10" x 8" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	1,206.26	744.94
		For Schedule 80 Or Extra Heavy Fittings, Add	*244.61*	
		For Work In Restricted Working Space, Add	*335.06*	
23 21 13 23-0530	EA	10" x 6" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	1,200.78	744.94
		For Schedule 80 Or Extra Heavy Fittings, Add	*242.96*	
		For Work In Restricted Working Space, Add	*335.06*	
23 21 13 23-0531	EA	10" x 4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	1,269.73	744.94
		For Schedule 80 Or Extra Heavy Fittings, Add	*263.65*	
		For Work In Restricted Working Space, Add	*335.06*	
23 21 13 23-0532	EA	12" x 10" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	1,470.15	906.84
		For Schedule 80 Or Extra Heavy Fittings, Add	*298.28*	
		For Work In Restricted Working Space, Add	*407.89*	
23 21 13 23-0533	EA	12" x 8" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	1,486.70	906.84
		For Schedule 80 Or Extra Heavy Fittings, Add	*303.25*	
		For Work In Restricted Working Space, Add	*407.89*	
23 21 13 23-0534	EA	12" x 6" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	1,492.70	906.84
		For Schedule 80 Or Extra Heavy Fittings, Add	*305.05*	
		For Work In Restricted Working Space, Add	*407.89*	
23 21 13 23-0535	EA	12" x 4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	1,668.45	906.84
		For Schedule 80 Or Extra Heavy Fittings, Add	*357.77*	
		For Work In Restricted Working Space, Add	*407.89*	

23 21 13 23-0536 Welded Plain End Black Steel Caps *(23 21 13 23-0379)*

23 21 13 23-0537	EA	1" Standard Weight, Welded Plain End Black Steel Cap	65.07	37.30
		For Schedule 80 Fittings, Add	*12.54*	
		For Work In Restricted Working Space, Add	*16.76*	
23 21 13 23-0538	EA	1-1/4" Standard Weight, Welded Plain End Black Steel Cap	71.23	40.99
		For Schedule 80 Fittings, Add	*13.69*	
		For Work In Restricted Working Space, Add	*18.43*	
23 21 13 23-0539	EA	1-1/2" Standard Weight, Welded Plain End Black Steel Cap	74.03	42.44
		For Schedule 80 Fittings, Add	*14.25*	
		For Work In Restricted Working Space, Add	*19.10*	
23 21 13 23-0540	EA	2" Standard Weight, Welded Plain End Black Steel Cap	92.43	54.39
		For Schedule 80 Fittings, Add	*17.54*	
		For Work In Restricted Working Space, Add	*24.46*	
23 21 13 23-0541	EA	2-1/2" Standard Weight, Welded Plain End Black Steel Cap	109.70	65.56
		For Schedule 80 Fittings, Add	*20.62*	
		For Work In Restricted Working Space, Add	*29.49*	
23 21 13 23-0542	EA	3" Standard Weight, Welded Plain End Black Steel Cap	128.36	75.61
		For Schedule 80 Fittings, Add	*24.34*	
		For Work In Restricted Working Space, Add	*34.01*	
23 21 13 23-0543	EA	4" Standard Weight, Welded Plain End Black Steel Cap	215.88	130.67
		For Schedule 80 Fittings, Add	*40.27*	
		For Work In Restricted Working Space, Add	*58.78*	
23 21 13 23-0544	EA	6" Standard Weight, Welded Plain End Black Steel Cap	361.58	215.89
		For Schedule 80 Fittings, Add	*68.01*	
		For Work In Restricted Working Space, Add	*97.12*	
23 21 13 23-0545	EA	8" Standard Weight, Welded Plain End Black Steel Cap	510.54	302.67
		For Schedule 80 Fittings, Add	*96.45*	
		For Work In Restricted Working Space, Add	*136.12*	
23 21 13 23-0546	EA	10" Standard Weight, Welded Plain End Black Steel Cap	672.45	382.08
		For Schedule 80 Fittings, Add	*130.14*	
		For Work In Restricted Working Space, Add	*171.83*	
23 21 13 23-0547	EA	12" Standard Weight, Welded Plain End Black Steel Cap	789.93	443.74
		For Schedule 80 Fittings, Add	*153.82*	
		For Work In Restricted Working Space, Add	*199.58*	

23 21 13 23-0548 150 Lb., Welded Plain End Black Steel Neck Flanges *(23 21 13 23-0379)*

Note: Excludes bolt and gasket sets See CSI section 23 21 13 23-0619 for Class 150 steel bolt and gasket set.

23 21 13 23-0549	EA	2", 150 Lb., Welded Plain End Black Steel Neck Flange	165.06	84.21
		For 300 Lb. Rating, Add	*40.42*	
		For Work In Restricted Working Space, Add	*37.88*	
23 21 13 23-0550	EA	2-1/2", 150 Lb., Welded Plain End Black Steel Neck Flange	196.35	105.10
		For 300 Lb. Rating, Add	*43.71*	
		For Work In Restricted Working Space, Add	*47.26*	
23 21 13 23-0551	EA	3", 150 Lb., Welded Plain End Black Steel Neck Flange	218.99	120.18
		For 300 Lb. Rating, Add	*46.11*	
		For Work In Restricted Working Space, Add	*54.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0552	EA	4", 150 Lb., Welded Plain End Black Steel Neck Flange	287.13	158.48
		For 300 Lb. Rating, Add	*59.60*	
		For Work In Restricted Working Space, Add	*71.29*	
23 21 13 23-0553	EA	6", 150 Lb., Welded Plain End Black Steel Neck Flange	436.43	240.35
		For 300 Lb. Rating, Add	*91.14*	
		For Work In Restricted Working Space, Add	*108.08*	
23 21 13 23-0554	EA	8", 150 Lb., Welded Plain End Black Steel Neck Flange	505.85	257.91
		For 300 Lb. Rating, Add	*124.08*	
		For Work In Restricted Working Space, Add	*115.97*	
23 21 13 23-0555	EA	10" , 150 Lb., Welded Plain End Black Steel Neck Flange	659.14	323.37
		For 300 Lb. Rating, Add	*172.90*	
		For Work In Restricted Working Space, Add	*145.46*	
23 21 13 23-0556	EA	12" , 150 Lb., Welded Plain End Black Steel Neck Flange	804.24	366.94
		For 300 Lb. Rating, Add	*235.64*	
		For Work In Restricted Working Space, Add	*165.04*	

23 21 13 23-0557 150 Lb., Welded Black Steel Slip-On Flanges *(23 21 13 23-0379)*

Note: Excludes bolt and gasket sets See CSI section 23 21 13 23-0619 for Class 150 steel bolt and gasket set.

23 21 13 23-0558	EA	2", 150 Lb., Welded Black Steel Slip-On Flanges	119.58	84.21
		For Work In Restricted Working Space, Add	*30.16*	
		For 300 Lb. Rating, Add	*27.71*	
23 21 13 23-0559	EA	2-1/2", 150 Lb., Welded Black Steel Slip-On Flange	147.33	105.10
		For Work In Restricted Working Space, Add	*36.86*	
		For 300 Lb. Rating, Add	*34.93*	
23 21 13 23-0560	EA	3", 150 Lb., Welded Black Steel Slip-On Flange	174.00	120.18
		For Work In Restricted Working Space, Add	*43.56*	
		For 300 Lb. Rating, Add	*41.17*	
23 21 13 23-0561	EA	4", 150 Lb., Welded Black Steel Slip-On Flange	229.17	158.48
		For Work In Restricted Working Space, Add	*56.96*	
		For 300 Lb. Rating, Add	*55.31*	
23 21 13 23-0562	EA	6", 150 Lb., Welded Black Steel Slip-On Flange	339.70	240.35
		For Work In Restricted Working Space, Add	*83.77*	
		For 300 Lb. Rating, Add	*83.75*	
23 21 13 23-0563	EA	8", 150 Lb., Welded Black Steel Slip-On Flange	444.10	257.91
		For Work In Restricted Working Space, Add	*105.62*	
		For 300 Lb. Rating, Add	*119.79*	
23 21 13 23-0564	EA	10", 150 Lb., Welded Black Steel Slip-On Flange	598.97	323.37
		For Work In Restricted Working Space, Add	*132.03*	
		For 300 Lb. Rating, Add	*189.19*	
23 21 13 23-0565	EA	12", 150 Lb., Welded Black Steel Slip-On Flange	778.77	366.94
		For Work In Restricted Working Space, Add	*158.44*	
		For 300 Lb. Rating, Add	*281.03*	
23 21 13 23-0566	EA	14", 150 Lb., Welded Black Steel Slip-On Flange	982.35	443.74
		For Work In Restricted Working Space, Add	*184.85*	
		For 300 Lb. Rating, Add	*394.28*	
23 21 13 23-0567	EA	16", 150 Lb., Welded Black Steel Slip-On Flange	1,175.21	515.70
		For Work In Restricted Working Space, Add	*204.65*	
		For 300 Lb. Rating, Add	*515.37*	
23 21 13 23-0568	EA	18", 150 Lb., Welded Black Steel Slip-On Flange	1,301.02	578.19
		For Work In Restricted Working Space, Add	*224.46*	
		For 300 Lb. Rating, Add	*576.11*	
23 21 13 23-0569	EA	20", 150 Lb., Welded Black Steel Slip-On Flange	1,442.57	733.88
		For Work In Restricted Working Space, Add	*244.26*	
		For 300 Lb. Rating, Add	*651.02*	
23 21 13 23-0570	EA	24", 150 Lb., Welded Black Steel Slip-On Flange	1,652.27	795.06
		For Work In Restricted Working Space, Add	*283.87*	
		For 300 Lb. Rating, Add	*734.79*	

23 21 13 23-0571 150 Lb., Forged Steel Blind Flanges *(23 21 13 23-0379)*

23 21 13 23-0572	EA	2", 150 Lb., Forged Steel Blind Flange	81.70	29.90
		For 300 Lb. Rating, Add	*23.80*	
		For 600 Lb. Rating, Add	*61.53*	
		For Work In Restricted Working Space, Add	*17.94*	
23 21 13 23-0573	EA	2-1/2", 150 Lb., Forged Steel Blind Flange	107.27	35.88
		For 300 Lb. Rating, Add	*35.94*	
		For 600 Lb. Rating, Add	*95.99*	
		For Work In Restricted Working Space, Add	*21.53*	
23 21 13 23-0574	EA	3", 150 Lb., Forged Steel Blind Flange	132.42	47.85
		For 300 Lb. Rating, Add	*39.44*	
		For 600 Lb. Rating, Add	*102.53*	
		For Work In Restricted Working Space, Add	*28.70*	
23 21 13 23-0575	EA	4", 150 Lb., Forged Steel Blind Flange	170.23	59.80
		For 300 Lb. Rating, Add	*53.06*	
		For 600 Lb. Rating, Add	*139.45*	
		For Work In Restricted Working Space, Add	*35.88*	
23 21 13 23-0576	EA	6", 150 Lb., Forged Steel Blind Flange	232.21	77.75
		For 300 Lb. Rating, Add	*77.71*	
		For 600 Lb. Rating, Add	*207.47*	
		For Work In Restricted Working Space, Add	*46.64*	
23 21 13 23-0577	EA	8", 150 Lb., Forged Steel Blind Flange	301.12	89.70
		For 300 Lb. Rating, Add	*116.21*	
		For 600 Lb. Rating, Add	*319.02*	
		For Work In Restricted Working Space, Add	*53.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0578	EA	10", 150 Lb., Forged Steel Blind Flange	452.95	107.64
		For 300 Lb. Rating, Add	*212.74*	
		For 600 Lb. Rating, Add	*602.70*	
		For Work In Restricted Working Space, Add	*64.58*	
23 21 13 23-0579	EA	12", 150 Lb., Forged Steel Blind Flange	587.55	125.58
		For 300 Lb. Rating, Add	*295.48*	
		For 600 Lb. Rating, Add	*845.01*	
		For Work In Restricted Working Space, Add	*75.35*	
23 21 13 23-0580	EA	14", 150 Lb., Forged Steel Blind Flange	979.65	143.53
		For 300 Lb. Rating, Add	*584.23*	
		For Work In Restricted Working Space, Add	*86.11*	
23 21 13 23-0581	EA	16", 150 Lb., Forged Steel Blind Flange	1,052.97	161.46
		For 300 Lb. Rating, Add	*617.95*	
		For Work In Restricted Working Space, Add	*96.88*	
23 21 13 23-0582	EA	18", 150 Lb., Forged Steel Blind Flange	1,187.62	197.34
		For 300 Lb. Rating, Add	*675.79*	
		For Work In Restricted Working Space, Add	*118.41*	
23 21 13 23-0583	EA	20", 150 Lb., Forged Steel Blind Flange	1,516.23	215.28
		For 300 Lb. Rating, Add	*913.74*	
		For Work In Restricted Working Space, Add	*129.17*	
23 21 13 23-0584	EA	24", 150 Lb., Forged Steel Blind Flange	2,056.63	251.16
		For 300 Lb. Rating, Add	*1,296.18*	
		For Work In Restricted Working Space, Add	*150.70*	

23 21 13 23-0585 3,000 Lb., Forge Steel Thread-O-Lets *(23 21 13 23-0379)*

23 21 13 23-0586	EA	1/2", 3,000 Lb., Forge Steel Thread-O-Let	77.28	
		For Work In Restricted Working Space, Add	*21.11*	
23 21 13 23-0587	EA	3/4", 3,000 Lb., Forge Steel Thread-O-Let	81.82	
		For Work In Restricted Working Space, Add	*22.11*	
23 21 13 23-0588	EA	1", 3,000 Lb., Forge Steel Thread-O-Let	87.28	
		For Work In Restricted Working Space, Add	*23.45*	
23 21 13 23-0589	EA	1-1/4", 3,000 Lb., Forge Steel Thread-O-Let	96.66	
		For Work In Restricted Working Space, Add	*25.13*	
23 21 13 23-0590	EA	1-1/2", 3,000 Lb., Forge Steel Thread-O-Let	108.48	
		For Work In Restricted Working Space, Add	*28.48*	
23 21 13 23-0591	EA	2", 3,000 Lb., Forge Steel Thread-O-Let	140.23	
		For Work In Restricted Working Space, Add	*37.23*	
23 21 13 23-0592	EA	2-1/2", 3,000 Lb., Forge Steel Thread-O-Let	218.10	
		For Work In Restricted Working Space, Add	*47.87*	
23 21 13 23-0593	EA	3", 3,000 Lb., Forge Steel Thread-O-Let	300.82	
		For Work In Restricted Working Space, Add	*67.01*	
23 21 13 23-0594	EA	4", 3,000 Lb., Forge Steel Thread-O-Let	400.26	
		For Work In Restricted Working Space, Add	*83.77*	

23 21 13 23-0595 3,000 Lb., Forge Steel Weld-O-Lets *(23 21 13 23-0379)*

23 21 13 23-0596	EA	1/2", 3,000 Lb., Forge Steel Weld-O-Let	89.59	
		For Work In Restricted Working Space, Add	*24.36*	
23 21 13 23-0597	EA	3/4", 3,000 Lb., Forge Steel Weld-O-Let	94.95	
		For Work In Restricted Working Space, Add	*25.53*	
23 21 13 23-0598	EA	1", 3,000 Lb., Forge Steel Weld-O-Let	100.40	
		For Work In Restricted Working Space, Add	*26.81*	
23 21 13 23-0599	EA	1-1/4", 3,000 Lb., Forge Steel Weld-O-Let	114.96	
		For Work In Restricted Working Space, Add	*29.79*	
23 21 13 23-0600	EA	1-1/2", 3,000 Lb., Forge Steel Weld-O-Let	128.14	
		For Work In Restricted Working Space, Add	*33.51*	
23 21 13 23-0601	EA	2", 3,000 Lb., Forge Steel Weld-O-Let	171.08	
		For Work In Restricted Working Space, Add	*44.66*	
23 21 13 23-0602	EA	2-1/2", 3,000 Lb., Forge Steel Weld-O-Let	249.81	
		For Work In Restricted Working Space, Add	*53.61*	
23 21 13 23-0603	EA	3", 3,000 Lb., Forge Steel Weld-O-Let	328.62	
		For Work In Restricted Working Space, Add	*70.36*	
23 21 13 23-0604	EA	4", 3,000 Lb., Forge Steel Weld-O-Let	444.90	
		For Work In Restricted Working Space, Add	*89.36*	
23 21 13 23-0605	EA	6", 3,000 Lb., Forge Steel Weld-O-Let	641.77	
		For Work In Restricted Working Space, Add	*134.02*	
23 21 13 23-0606	EA	8", 3,000 Lb., Forge Steel Weld-O-Let	964.64	
		For Work In Restricted Working Space, Add	*178.69*	
23 21 13 23-0607	EA	10", 3,000 Lb., Forge Steel Weld-O-Let	1,211.99	
		For Work In Restricted Working Space, Add	*206.20*	
23 21 13 23-0608	EA	12", 3,000 Lb., Forge Steel Weld-O-Let	1,808.84	
		For Work In Restricted Working Space, Add	*243.68*	

23 21 13 23-0609 3,000 Lb., Forge Steel Sock-O-Lets *(23 21 13 23-0379)*

23 21 13 23-0610	EA	1/2", 3,000 Lb., Forge Steel Sock-O-Let	105.62	
		For Work In Restricted Working Space, Add	*29.12*	
23 21 13 23-0611	EA	3/4", 3,000 Lb., Forge Steel Sock-O-Let	111.80	
		For Work In Restricted Working Space, Add	*30.52*	
23 21 13 23-0612	EA	1", 3,000 Lb., Forge Steel Sock-O-Let	119.16	
		For Work In Restricted Working Space, Add	*32.36*	
23 21 13 23-0613	EA	1-1/4", 3,000 Lb., Forge Steel Sock-O-Let	131.60	
		For Work In Restricted Working Space, Add	*34.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0614	EA	1-1/2", 3,000 Lb., Forge Steel Sock-O-Let	147.81	
		For Work In Restricted Working Space, Add	*39.30*	
23 21 13 23-0615	EA	2", 3,000 Lb., Forge Steel Sock-O-Let	192.19	
		For Work In Restricted Working Space, Add	*51.36*	
23 21 13 23-0616	EA	2-1/2", 3,000 Lb., Forge Steel Sock-O-Let	292.72	
		For Work In Restricted Working Space, Add	*66.04*	
23 21 13 23-0617	EA	3", 3,000 Lb., Forge Steel Sock-O-Let	404.30	
		For Work In Restricted Working Space, Add	*92.48*	
23 21 13 23-0618	EA	4", 3,000 Lb., Forge Steel Sock-O-Let	535.41	
		For Work In Restricted Working Space, Add	*115.59*	

23 21 13 23-0619 Class 150 Flange, Steel Bolt And Gasket Sets *(23 21 13 23-0379)*

Note: Used between weld neck or slip-on flanges and valves, or equipment with bolt connections, or between two bolted valves. Flanged equipment, flanged fittings and flanged valves exclude bolt and gasket sets.

23 21 13 23-0620	EA	3/4" To 1-1/2" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and four (4) 1/2" diameter bolts with washers and nut.	13.83	
		For Zinc Plated, Add	*3.87*	
		For Advanced Fluoropolymer (Blue Coating), Add	*9.68*	
		For Hot Dip Galvanized, Add	*5.53*	
23 21 13 23-0621	EA	2" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and four (4) 5/8" diameter bolts with washers and nut.	17.51	
		For Zinc Plated, Add	*4.90*	
		For Advanced Fluoropolymer (Blue Coating), Add	*12.26*	
		For Hot Dip Galvanized, Add	*7.00*	
23 21 13 23-0622	EA	2-1/2" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and four (4) 5/8" diameter bolts with washers and nut.	17.72	
		For Zinc Plated, Add	*4.96*	
		For Advanced Fluoropolymer (Blue Coating), Add	*12.40*	
		For Hot Dip Galvanized, Add	*7.09*	
23 21 13 23-0623	EA	3" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and four (4) 5/8" diameter bolts with washers and nut.	17.82	
		For Zinc Plated, Add	*4.99*	
		For Advanced Fluoropolymer (Blue Coating), Add	*12.47*	
		For Hot Dip Galvanized, Add	*7.13*	
23 21 13 23-0624	EA	4" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and eight (8) 5/8" diameter bolts with washers and nut.	41.23	
		For Zinc Plated, Add	*11.54*	
		For Advanced Fluoropolymer (Blue Coating), Add	*28.86*	
		For Hot Dip Galvanized, Add	*16.49*	
23 21 13 23-0625	EA	5" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.	56.32	
		For Zinc Plated, Add	*15.77*	
		For Advanced Fluoropolymer (Blue Coating), Add	*39.42*	
		For Hot Dip Galvanized, Add	*22.53*	
23 21 13 23-0626	EA	6" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.	63.71	
		For Zinc Plated, Add	*17.84*	
		For Advanced Fluoropolymer (Blue Coating), Add	*44.60*	
		For Hot Dip Galvanized, Add	*25.48*	
23 21 13 23-0627	EA	8" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.	70.64	
		For Zinc Plated, Add	*19.78*	
		For Advanced Fluoropolymer (Blue Coating), Add	*49.45*	
		For Hot Dip Galvanized, Add	*28.26*	
23 21 13 23-0628	EA	10" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and twelve (12) 7/8" diameter bolts with washers and nut.	153.19	
		For Zinc Plated, Add	*42.89*	
		For Advanced Fluoropolymer (Blue Coating), Add	*107.23*	
		For Hot Dip Galvanized, Add	*61.28*	
23 21 13 23-0629	EA	12" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and twelve (12) 7/8" diameter bolts with washers and nut.	158.11	
		For Zinc Plated, Add	*44.27*	
		For Advanced Fluoropolymer (Blue Coating), Add	*110.68*	
		For Hot Dip Galvanized, Add	*63.24*	

23 21 13 23-0630 Class 300 Flange, Steel Bolt And Gasket Sets *(23 21 13 23-0379)*

Note: Used between weld neck or slip-on flanges and valves, or equipment with bolt connections, or between two bolted valves. Flanged equipment, flanged fittings and flanged valves exclude bolt and gasket sets.

23 21 13 23-0631	EA	3/4" To 1-1/2" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and four (4) 5/8" diameter bolts with washers and nut.	22.63	
		For Zinc Plated, Add	*6.34*	
		For Advanced Fluoropolymer (Blue Coating), Add	*15.84*	
		For Hot Dip Galvanized, Add	*9.05*	
23 21 13 23-0632	EA	2" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and eight (8) 5/8" diameter bolts with washers and nut.	40.82	
		For Zinc Plated, Add	*11.43*	
		For Advanced Fluoropolymer (Blue Coating), Add	*28.57*	
		For Hot Dip Galvanized, Add	*16.33*	
23 21 13 23-0633	EA	2-1/2" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.	63.07	
		For Zinc Plated, Add	*17.66*	
		For Advanced Fluoropolymer (Blue Coating), Add	*44.15*	
		For Hot Dip Galvanized, Add	*25.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0634	EA	3" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.	68.53	
		For Zinc Plated, Add	*19.19*	
		For Advanced Fluoropolymer (Blue Coating), Add	*47.97*	
		For Hot Dip Galvanized, Add	*27.41*	
23 21 13 23-0635	EA	4" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.	75.38	
		For Zinc Plated, Add	*21.11*	
		For Advanced Fluoropolymer (Blue Coating), Add	*52.77*	
		For Hot Dip Galvanized, Add	*30.15*	
23 21 13 23-0636	EA	5" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.	86.32	
		For Zinc Plated, Add	*24.17*	
		For Advanced Fluoropolymer (Blue Coating), Add	*60.42*	
		For Hot Dip Galvanized, Add	*34.53*	
23 21 13 23-0637	EA	6" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and twelve (12) 3/4" diameter bolts with washers and nut.	118.83	
		For Zinc Plated, Add	*33.27*	
		For Advanced Fluoropolymer (Blue Coating), Add	*83.18*	
		For Hot Dip Galvanized, Add	*47.53*	
23 21 13 23-0638	EA	8" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and twelve (12) 7/8" diameter bolts with washers and nut.	182.69	
		For Zinc Plated, Add	*51.15*	
		For Advanced Fluoropolymer (Blue Coating), Add	*127.88*	
		For Hot Dip Galvanized, Add	*73.08*	
23 21 13 23-0639	EA	10" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and sixteen (16) 1" diameter bolts with washers and nut.	324.44	
		For Zinc Plated, Add	*90.84*	
		For Advanced Fluoropolymer (Blue Coating), Add	*227.11*	
		For Hot Dip Galvanized, Add	*129.78*	
23 21 13 23-0640	EA	12" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and sixteen (16) 1-1/8" diameter bolts with washers and nut.	462.85	
		For Zinc Plated, Add	*129.60*	
		For Advanced Fluoropolymer (Blue Coating), Add	*324.00*	
		For Hot Dip Galvanized, Add	*185.14*	

23 21 13 23-0641 150 Lb., Rubber Flange Gasket Replacement *(23 21 13 23-0379)*

Note: Includes unbolting, removal of old gaskets, new 150 Lb. rubber gasket and rebolting.

23 21 13 23-0642	EA	1/2", 150 Lb., Rubber Flange Gasket Replacement	33.74	
		For 300 Lb. Rating Gasket Set, Add	*0.25*	
		For 150 Lb. Rating Teflon Gasket Set, Add	*5.41*	
		For Work In Restricted Working Space, Add	*9.91*	
		For 300 Lb. Rating Teflon Gasket Set, Add	*6.23*	
23 21 13 23-0643	EA	3/4", 150 Lb., Rubber Flange Gasket Replacement	36.19	
		For 300 Lb. Rating Gasket Set, Add	*0.33*	
		For 150 Lb. Rating Teflon Gasket Set, Add	*7.27*	
		For Work In Restricted Working Space, Add	*10.58*	
		For 300 Lb. Rating Teflon Gasket Set, Add	*8.37*	
23 21 13 23-0644	EA	1", 150 Lb., Rubber Flange Gasket Replacement	40.19	
		For 300 Lb. Rating Gasket Set, Add	*0.57*	
		For 150 Lb. Rating Teflon Gasket Set, Add	*12.68*	
		For Work In Restricted Working Space, Add	*11.57*	
		For 300 Lb. Rating Teflon Gasket Set, Add	*14.60*	
23 21 13 23-0645	EA	1-1/4", 150 Lb., Rubber Flange Gasket Replacement	43.73	
		For 300 Lb. Rating Gasket Set, Add	*0.65*	
		For 150 Lb. Rating Teflon Gasket Set, Add	*14.46*	
		For Work In Restricted Working Space, Add	*12.56*	
		For 300 Lb. Rating Teflon Gasket Set, Add	*16.64*	
23 21 13 23-0646	EA	1-1/2", 150 Lb., Rubber Flange Gasket Replacement	48.60	
		For 300 Lb. Rating Gasket Set, Add	*0.82*	
		For 150 Lb. Rating Teflon Gasket Set, Add	*18.09*	
		For Work In Restricted Working Space, Add	*13.88*	
		For 300 Lb. Rating Teflon Gasket Set, Add	*20.83*	
23 21 13 23-0647	EA	2", 150 Lb., Rubber Flange Gasket Replacement	53.94	
		For 300 Lb. Rating Gasket Set, Add	*1.14*	
		For 150 Lb. Rating Teflon Gasket Set, Add	*25.28*	
		For Work In Restricted Working Space, Add	*15.20*	
		For 300 Lb. Rating Teflon Gasket Set, Add	*29.10*	
23 21 13 23-0648	EA	2-1/2", 150 Lb., Rubber Flange Gasket Replacement	63.92	
		For 300 Lb. Rating Gasket Set, Add	*1.55*	
		For 150 Lb. Rating Teflon Gasket Set, Add	*34.32*	
		For Work In Restricted Working Space, Add	*17.84*	
		For 300 Lb. Rating Teflon Gasket Set, Add	*39.52*	
23 21 13 23-0649	EA	3", 150 Lb., Rubber Flange Gasket Replacement	67.94	
		For 300 Lb. Rating Gasket Set, Add	*1.80*	
		For 150 Lb. Rating Teflon Gasket Set, Add	*39.81*	
		For Work In Restricted Working Space, Add	*18.84*	
		For 300 Lb. Rating Teflon Gasket Set, Add	*45.84*	
23 21 13 23-0650	EA	4", 150 Lb., Rubber Flange Gasket Replacement	91.03	
		For 300 Lb. Rating Gasket Set, Add	*2.95*	
		For 150 Lb. Rating Teflon Gasket Set, Add	*65.09*	
		For Work In Restricted Working Space, Add	*24.78*	
		For 300 Lb. Rating Teflon Gasket Set, Add	*74.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0651	EA	5", 150 Lb., Rubber Flange Gasket Replacement	105.19	
		For 300 Lb. Rating Gasket Set, Add	*3.28*	
		For 150 Lb. Rating Teflon Gasket Set, Add	*72.35*	
		For Work In Restricted Working Space, Add	*28.75*	
		For 300 Lb. Rating Teflon Gasket Set, Add	*83.30*	
23 21 13 23-0652	EA	6", 150 Lb., Rubber Flange Gasket Replacement	121.21	
		For 300 Lb. Rating Gasket Set, Add	*4.26*	
		For 150 Lb. Rating Teflon Gasket Set, Add	*94.00*	
		For Work In Restricted Working Space, Add	*32.72*	
		For 300 Lb. Rating Teflon Gasket Set, Add	*108.22*	
23 21 13 23-0653	EA	8", 150 Lb., Rubber Flange Gasket Replacement	149.96	
		For 300 Lb. Rating Gasket Set, Add	*6.22*	
		For 150 Lb. Rating Teflon Gasket Set, Add	*137.44*	
		For Work In Restricted Working Space, Add	*39.65*	
		For 300 Lb. Rating Teflon Gasket Set, Add	*158.24*	
23 21 13 23-0654	EA	10", 150 Lb., Rubber Flange Gasket Replacement	166.25	
		For 300 Lb. Rating Gasket Set, Add	*8.84*	
		For 150 Lb. Rating Teflon Gasket Set, Add	*195.26*	
		For Work In Restricted Working Space, Add	*42.30*	
		For 300 Lb. Rating Teflon Gasket Set, Add	*224.81*	
23 21 13 23-0655	EA	12", 150 Lb., Rubber Flange Gasket Replacement	192.00	
		For 300 Lb. Rating Gasket Set, Add	*11.30*	
		For 150 Lb. Rating Teflon Gasket Set, Add	*249.52*	
		For Work In Restricted Working Space, Add	*47.92*	
		For 300 Lb. Rating Teflon Gasket Set, Add	*287.29*	

23 21 13 23-0656 Cut And Prepare For Welding Existing In-Place Black Steel Pipe *(23 21 13 23-0379)*

Note: For use when connecting pipe to an existing in-place system.

23 21 13 23-0657	EA	1/2", Cut And Prepare For Welding Existing In Place Black Steel Pipe	23.91	
		For Work In Restricted Working Space, Add	*7.17*	
23 21 13 23-0658	EA	3/4", Cut And Prepare For Welding Existing In Place Black Steel Pipe	25.82	
		For Work In Restricted Working Space, Add	*7.75*	
23 21 13 23-0659	EA	1", Cut And Prepare For Welding Existing In Place Black Steel Pipe	29.05	
		For Work In Restricted Working Space, Add	*8.72*	
23 21 13 23-0660	EA	1-1/4", Cut And Prepare For Welding Existing In Place Black Steel Pipe	30.48	
		For Work In Restricted Working Space, Add	*9.14*	
23 21 13 23-0661	EA	1-1/2", Cut And Prepare For Welding Existing In Place Black Steel Pipe	32.27	
		For Work In Restricted Working Space, Add	*9.68*	
23 21 13 23-0662	EA	2", Cut And Prepare For Welding Existing In Place Black Steel Pipe	34.67	
		For Work In Restricted Working Space, Add	*10.40*	
23 21 13 23-0663	EA	2-1/2", Cut And Prepare For Welding Existing In Place Black Steel Pipe	37.07	
		For Work In Restricted Working Space, Add	*11.12*	
23 21 13 23-0664	EA	3", Cut And Prepare For Welding Existing In Place Black Steel Pipe	40.65	
		For Work In Restricted Working Space, Add	*12.20*	
23 21 13 23-0665	EA	4", Cut And Prepare For Welding Existing In Place Black Steel Pipe	44.23	
		For Work In Restricted Working Space, Add	*13.27*	
23 21 13 23-0666	EA	6", Cut And Prepare For Welding Existing In Place Black Steel Pipe	47.82	
		For Work In Restricted Working Space, Add	*14.35*	
23 21 13 23-0667	EA	8", Cut And Prepare For Welding Existing In Place Black Steel Pipe	51.41	
		For Work In Restricted Working Space, Add	*15.42*	
23 21 13 23-0668	EA	10", Cut And Prepare For Welding Existing In Place Black Steel Pipe	56.19	
		For Work In Restricted Working Space, Add	*16.86*	
23 21 13 23-0669	EA	12", Cut And Prepare For Welding Existing In Place Black Steel Pipe	60.97	
		For Work In Restricted Working Space, Add	*18.29*	

23 21 13 23-0670 Welded Plain End Electric Resistance Black Steel Pipe *(23 21 13 23-0379)*

Note: ASTM A-135.

23 21 13 23-0671	LF	2" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	27.47	12.28
		For Work In Restricted Working Space, Add	*6.03*	
23 21 13 23-0672	LF	2-1/2" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	31.41	13.40
		For Work In Restricted Working Space, Add	*6.03*	
23 21 13 23-0673	LF	3" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	33.64	13.18
		For Work In Restricted Working Space, Add	*5.91*	
23 21 13 23-0674	LF	4" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	41.93	16.76
		For Work In Restricted Working Space, Add	*7.53*	
23 21 13 23-0675	LF	6" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	69.74	24.80
		For Work In Restricted Working Space, Add	*11.15*	
23 21 13 23-0676	LF	8.322" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	91.11	30.04
		For Work In Restricted Working Space, Add	*13.53*	
23 21 13 23-0677	LF	10.365" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	124.46	37.41
		For Work In Restricted Working Space, Add	*16.84*	
23 21 13 23-0678	LF	12.375" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	151.21	45.11
		For Work In Restricted Working Space, Add	*20.29*	

23 21 13 23-0679 Flanged Steel Fittings *(23 21 13 23)*

See CSI section 23 21 13 23-0380 for steel pipe, 23 21 13 23-0548 for welded neck flange ends.

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0680			**Flanged Steel Fittings, Standard Weight** *(23 21 13 23-0679)* Note: Flanged equipment, flanged fittings and flanged valves exclude bolt and gasket sets. See CSI section 23 21 13 23-0619 for Class 150 steel bolt and gasket set.		
23 21 13 23-0681			**Flanged Steel, 90 Degree Elbows** *(23 21 13 23-0680)*		
	23 21 13 23-0682	EA	2" Standard Weight, Flanged Steel, 90 Degree Elbow	318.27	51.41
			For Galvanized Fittings, Add	*192.96*	
			For Extra Heavy Weight Fittings, Add	*289.44*	
	23 21 13 23-0683	EA	2-1/2" Standard Weight, Flanged Steel, 90 Degree Elbow	354.95	57.25
			For Galvanized Fittings, Add	*215.26*	
			For Extra Heavy Weight Fittings, Add	*322.90*	
	23 21 13 23-0684	EA	3" Standard Weight, Flanged Steel, 90 Degree Elbow	356.49	63.19
			For Galvanized Fittings, Add	*209.45*	
			For Extra Heavy Weight Fittings, Add	*314.17*	
	23 21 13 23-0685	EA	4" Standard Weight, Flanged Steel, 90 Degree Elbow	448.26	73.43
			For Galvanized Fittings, Add	*270.54*	
			For Extra Heavy Weight Fittings, Add	*405.80*	
	23 21 13 23-0686	EA	5" Standard Weight, Flanged Steel, 90 Degree Elbow	614.19	82.23
			For Galvanized Fittings, Add	*392.71*	
			For Extra Heavy Weight Fittings, Add	*589.07*	
	23 21 13 23-0687	EA	6" Standard Weight, Flanged Steel, 90 Degree Elbow	654.60	95.45
			For Galvanized Fittings, Add	*409.19*	
			For Extra Heavy Weight Fittings, Add	*613.79*	
	23 21 13 23-0688	EA	8" Standard Weight, Flanged Steel, 90 Degree Elbow	821.16	105.69
			For Galvanized Fittings, Add	*530.10*	
			For Extra Heavy Weight Fittings, Add	*795.16*	
23 21 13 23-0689			**Flanged Steel, Reducing 90 Degree Elbows** *(23 21 13 23-0680)*		
	23 21 13 23-0690	EA	2-1/2" x 2" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow	568.72	54.39
			For Galvanized Fittings, Add	*389.80*	
			For Extra Heavy Weight Fittings, Add	*584.70*	
	23 21 13 23-0691	EA	3" x 2-1/2" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow	594.49	60.22
			For Galvanized Fittings, Add	*403.38*	
			For Extra Heavy Weight Fittings, Add	*605.06*	
	23 21 13 23-0692	EA	4" x 3" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow	736.30	68.25
			For Galvanized Fittings, Add	*507.13*	
			For Extra Heavy Weight Fittings, Add	*760.69*	
	23 21 13 23-0693	EA	5" x 3" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow	904.11	72.66
			For Galvanized Fittings, Add	*636.10*	
			For Extra Heavy Weight Fittings, Add	*954.14*	
	23 21 13 23-0694	EA	6" x 4" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow	1,030.81	84.44
			For Galvanized Fittings, Add	*723.36*	
			For Extra Heavy Weight Fittings, Add	*1,085.04*	
	23 21 13 23-0695	EA	8" x 6" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow	1,427.14	100.62
			For Galvanized Fittings, Add	*1,021.05*	
			For Extra Heavy Weight Fittings, Add	*1,531.57*	
23 21 13 23-0696			**Flanged Steel, 45 Degree Elbows** *(23 21 13 23-0680)*		
	23 21 13 23-0697	EA	2" Standard Weight, Flanged Steel, 45 Degree Elbow	405.54	51.41
			For Galvanized Fittings, Add	*262.78*	
			For Extra Heavy Weight Fittings, Add	*394.16*	
	23 21 13 23-0698	EA	2-1/2" Standard Weight, Flanged Steel, 45 Degree Elbow	425.25	57.25
			For Galvanized Fittings, Add	*271.50*	
			For Extra Heavy Weight Fittings, Add	*407.26*	
	23 21 13 23-0699	EA	3" Standard Weight, Flanged Steel, 45 Degree Elbow	443.76	63.19
			For Galvanized Fittings, Add	*279.26*	
			For Extra Heavy Weight Fittings, Add	*418.90*	
	23 21 13 23-0700	EA	4" Standard Weight, Flanged Steel, 45 Degree Elbow	550.07	73.43
			For Galvanized Fittings, Add	*351.98*	
			For Extra Heavy Weight Fittings, Add	*527.98*	
	23 21 13 23-0701	EA	5" Standard Weight, Flanged Steel, 45 Degree Elbow	779.03	82.23
			For Galvanized Fittings, Add	*524.58*	
			For Extra Heavy Weight Fittings, Add	*786.88*	
	23 21 13 23-0702	EA	6" Standard Weight, Flanged Steel, 45 Degree Elbow	768.54	95.45
			For Galvanized Fittings, Add	*500.34*	
			For Extra Heavy Weight Fittings, Add	*750.52*	
	23 21 13 23-0703	EA	8" Standard Weight, Flanged Steel, 45 Degree Elbow	902.30	105.69
			For Galvanized Fittings, Add	*595.02*	
			For Extra Heavy Weight Fittings, Add	*892.52*	
23 21 13 23-0704			**Flanged Steel, Tees** *(23 21 13 23-0680)*		
	23 21 13 23-0705	EA	2" Standard Weight, Flanged Steel, Tee	414.97	77.07
			For Galvanized Fittings, Add	*239.50*	
			For Extra Heavy Weight Fittings, Add	*359.26*	
	23 21 13 23-0706	EA	2-1/2" Standard Weight, Flanged Steel, Tee	527.57	85.87
			For Galvanized Fittings, Add	*319.02*	
			For Extra Heavy Weight Fittings, Add	*478.52*	
	23 21 13 23-0707	EA	3" Standard Weight, Flanged Steel, Tee	491.10	94.68
			For Galvanized Fittings, Add	*279.26*	
			For Extra Heavy Weight Fittings, Add	*418.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0708	EA	4" Standard Weight, Flanged Steel, Tee	686.31	110.20
		For Galvanized Fittings, Add	*416.94*	
		For Extra Heavy Weight Fittings, Add	*625.42*	
23 21 13 23-0709	EA	5" Standard Weight, Flanged Steel, Tee	995.06	123.41
		For Galvanized Fittings, Add	*648.09*	
		For Extra Heavy Weight Fittings, Add	*972.13*	
23 21 13 23-0710	EA	6" Standard Weight, Flanged Steel, Tee	1,209.94	143.23
		For Galvanized Fittings, Add	*796.22*	
		For Extra Heavy Weight Fittings, Add	*1,194.32*	
23 21 13 23-0711	EA	8" Standard Weight, Flanged Steel, Tee	1,344.16	165.91
		For Galvanized Fittings, Add	*876.29*	
		For Extra Heavy Weight Fittings, Add	*1,314.43*	

23 21 13 23-0712 Flanged Steel, Reducing Tees *(23 21 13 23-0680)*

23 21 13 23-0713	EA	2-1/2" Standard Weight, Flanged Steel, Reducing Tee	632.26	83.01
		For Galvanized Fittings, Add	*406.29*	
		For Extra Heavy Weight Fittings, Add	*609.43*	
23 21 13 23-0714	EA	3" Standard Weight, Flanged Steel, Reducing Tee	727.90	91.81
		For Galvanized Fittings, Add	*472.22*	
		For Extra Heavy Weight Fittings, Add	*708.34*	
23 21 13 23-0715	EA	4" Standard Weight, Flanged Steel, Reducing Tee	1,220.34	105.02
		For Galvanized Fittings, Add	*850.33*	
		For Extra Heavy Weight Fittings, Add	*1,275.49*	
23 21 13 23-0716	EA	5" Standard Weight, Flanged Steel, Reducing Tee	1,322.39	119.00
		For Galvanized Fittings, Add	*915.24*	
		For Extra Heavy Weight Fittings, Add	*1,372.86*	
23 21 13 23-0717	EA	6" Standard Weight, Flanged Steel, Reducing Tee	1,654.44	136.62
		For Galvanized Fittings, Add	*1,159.74*	
		For Extra Heavy Weight Fittings, Add	*1,739.60*	
23 21 13 23-0718	EA	8" Standard Weight, Flanged Steel, Reducing Tee	2,055.45	153.47
		For Galvanized Fittings, Add	*1,460.30*	
		For Extra Heavy Weight Fittings, Add	*2,190.44*	

23 21 13 23-0719 Flanged Steel, Concentric Reducers *(23 21 13 23-0680)*

23 21 13 23-0720	EA	3" x 2-1/2" Standard Weight, Flanged Steel, Concentric Reducer	587.22	60.22
		For Galvanized Fittings, Add	*397.56*	
		For Extra Heavy Weight Fittings, Add	*596.34*	
23 21 13 23-0721	EA	4" x 3" Standard Weight, Flanged Steel, Concentric Reducer	667.21	68.25
		For Galvanized Fittings, Add	*451.86*	
		For Extra Heavy Weight Fittings, Add	*677.78*	
23 21 13 23-0722	EA	5" x 4" Standard Weight, Flanged Steel, Concentric Reducer	976.06	77.83
		For Galvanized Fittings, Add	*687.49*	
		For Extra Heavy Weight Fittings, Add	*1,031.23*	
23 21 13 23-0723	EA	6" x 4" Standard Weight, Flanged Steel, Concentric Reducer	1,075.66	84.44
		For Galvanized Fittings, Add	*759.24*	
		For Extra Heavy Weight Fittings, Add	*1,138.86*	
23 21 13 23-0724	EA	8" x 6" Standard Weight, Flanged Steel, Concentric Reducer	1,261.08	100.62
		For Galvanized Fittings, Add	*888.20*	
		For Extra Heavy Weight Fittings, Add	*1,332.30*	

23 21 13 23-0725 Flanged Steel, Eccentric Reducers *(23 21 13 23-0680)*

23 21 13 23-0726	EA	4" x 3" Standard Weight, Flanged Steel, Eccentric Reducer	636.67	68.25
		For Galvanized Fittings, Add	*427.42*	
		For Extra Heavy Weight Fittings, Add	*641.14*	
23 21 13 23-0727	EA	5" x 4" Standard Weight, Flanged Steel, Eccentric Reducer	856.55	77.83
		For Galvanized Fittings, Add	*591.88*	
		For Extra Heavy Weight Fittings, Add	*887.82*	

23 21 13 23-0728 Plain End Couplings And Fittings *(23 21 13 23)*

Note: For use on standard weight steel pipe (Schedule 40), but may be used on lightwall steel or other metallic pipe such as aluminum or stainless steel.

23 21 13 23-0729 Plain End Piping System Couplings *(23 21 13 23-0728)*

23 21 13 23-0730 Plainlock Plain End Piping System Couplings *(23 21 13 23-0729)*

Note: Ductile iron body with gasket, bolts and nuts.

23 21 13 23-0731	EA	1" Plainlock Plain End Piping System Coupling	150.92	6.61
		For Galvanized Fittings, Add	*28.20*	
23 21 13 23-0732	EA	1-1/2" Plainlock Plain End Piping System Coupling	154.77	9.13
		For Galvanized Fittings, Add	*28.20*	
23 21 13 23-0733	EA	2" Plainlock Plain End Piping System Coupling	159.24	12.11
		For Galvanized Fittings, Add	*28.20*	
23 21 13 23-0734	EA	2-1/2" Plainlock Plain End Piping System Coupling	163.04	14.64
		For Galvanized Fittings, Add	*28.20*	
23 21 13 23-0735	EA	3" Plainlock Plain End Piping System Coupling	192.85	17.61
		For Galvanized Fittings, Add	*33.29*	
23 21 13 23-0736	EA	4" Plainlock Plain End Piping System Coupling	265.81	23.45
		For Galvanized Fittings, Add	*46.12*	
23 21 13 23-0737	EA	6" Plainlock Plain End Piping System Coupling	446.61	38.20
		For Galvanized Fittings, Add	*77.87*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0738		Roust-A-Bout Plain End Piping System Couplings *(23 21 13 23-0729)*			
		Note: Ductile iron body with gasket, bolts and nuts.			
23 21 13 23-0739	EA	1-1/2" Roust-A-Bout Plain End Piping System Coupling		182.16	9.13
		For Galvanized Fittings, Add		*42.10*	
23 21 13 23-0740	EA	2" Roust-A-Bout Plain End Piping System Coupling		186.63	12.11
		For Galvanized Fittings, Add		*42.10*	
23 21 13 23-0741	EA	2-1/2" Roust-A-Bout Plain End Piping System Coupling		190.44	14.75
		For Galvanized Fittings, Add		*42.10*	
23 21 13 23-0742	EA	3" Roust-A-Bout Plain End Piping System Coupling		275.86	17.61
		For Galvanized Fittings, Add		*62.36*	
23 21 13 23-0743	EA	3-1/2" Roust-A-Bout Plain End Piping System Coupling		319.54	20.59
		For Galvanized Fittings, Add		*72.17*	
23 21 13 23-0744	EA	4" Roust-A-Bout Plain End Piping System Coupling		323.90	23.45
		For Galvanized Fittings, Add		*72.17*	
23 21 13 23-0745	EA	5" Roust-A-Bout Plain End Piping System Coupling		456.50	29.40
		For Galvanized Fittings, Add		*103.11*	
23 21 13 23-0746	EA	6" Roust-A-Bout Plain End Piping System Coupling		560.98	38.20
		For Galvanized Fittings, Add		*125.93*	
23 21 13 23-0747	EA	8" Roust-A-Bout Plain End Piping System Coupling		961.51	45.57
		For Galvanized Fittings, Add		*223.30*	
23 21 13 23-0748	EA	10" Roust-A-Bout Plain End Piping System Coupling		1,242.97	53.94
		For Galvanized Fittings, Add		*290.51*	
23 21 13 23-0749	EA	12" Roust-A-Bout Plain End Piping System Coupling		1,553.90	63.85
		For Galvanized Fittings, Add		*364.53*	
23 21 13 23-0750	EA	14" Roust-A-Bout Plain End Piping System Coupling		2,176.38	70.57
		For Galvanized Fittings, Add		*517.63*	
23 21 13 23-0751	EA	16" Roust-A-Bout Plain End Piping System Coupling		2,955.08	79.82
		For Galvanized Fittings, Add		*708.85*	
23 21 13 23-0752		Plain End Piping System Fittings *(23 21 13 23-0728)*			
		Note: Cast ductile iron bodies.			
23 21 13 23-0753		Plain End Piping System, 90 Degree Elbows *(23 21 13 23-0752)*			
23 21 13 23-0754	EA	1" Plain End Piping System, 90 Degree Elbow		151.11	12.00
		For Galvanized Fittings, Add		*26.62*	
23 21 13 23-0755	EA	1-1/2" Plain End Piping System, 90 Degree Elbow		160.37	18.17
		For Galvanized Fittings, Add		*26.62*	
23 21 13 23-0756	EA	2" Plain End Piping System, 90 Degree Elbow		169.10	24.00
		For Galvanized Fittings, Add		*26.62*	
23 21 13 23-0757	EA	2-1/2" Plain End Piping System, 90 Degree Elbow		176.95	29.29
		For Galvanized Fittings, Add		*26.62*	
23 21 13 23-0758	EA	3" Plain End Piping System, 90 Degree Elbow		213.03	35.45
		For Galvanized Fittings, Add		*31.98*	
23 21 13 23-0759	EA	4" Plain End Piping System, 90 Degree Elbow		303.21	46.68
		For Galvanized Fittings, Add		*46.63*	
23 21 13 23-0760	EA	5" Plain End Piping System, 90 Degree Elbow		894.74	58.45
		For Galvanized Fittings, Add		*161.42*	
23 21 13 23-0761	EA	6" Plain End Piping System, 90 Degree Elbow		756.44	76.51
		For Galvanized Fittings, Add		*128.35*	
23 21 13 23-0762	EA	8" Plain End Piping System, 90 Degree Elbow		1,491.72	90.82
		For Galvanized Fittings, Add		*271.09*	
23 21 13 23-0763	EA	10" Plain End Piping System, 90 Degree Elbow		1,862.71	106.13
		For Galvanized Fittings, Add		*340.72*	
23 21 13 23-0764	EA	12" Plain End Piping System, 90 Degree Elbow		2,360.22	127.48
		For Galvanized Fittings, Add		*433.82*	
23 21 13 23-0765		Plain End Piping System, 45 Degree Elbows *(23 21 13 23-0752)*			
23 21 13 23-0766	EA	1" Plain End Piping System, 45 Degree Elbow		151.11	12.00
		For Galvanized Fittings, Add		*26.62*	
23 21 13 23-0767	EA	1-1/2" Plain End Piping System, 45 Degree Elbow		160.37	18.17
		For Galvanized Fittings, Add		*26.62*	
23 21 13 23-0768	EA	2" Plain End Piping System, 45 Degree Elbow		169.10	24.00
		For Galvanized Fittings, Add		*26.62*	
23 21 13 23-0769	EA	2-1/2" Plain End Piping System, 45 Degree Elbow		176.95	29.29
		For Galvanized Fittings, Add		*26.62*	
23 21 13 23-0770	EA	3" Plain End Piping System, 45 Degree Elbow		213.03	35.45
		For Galvanized Fittings, Add		*31.98*	
23 21 13 23-0771	EA	4" Plain End Piping System, 45 Degree Elbow		303.21	46.68
		For Galvanized Fittings, Add		*46.63*	
23 21 13 23-0772	EA	5" Plain End Piping System, 45 Degree Elbow		894.74	58.45
		For Galvanized Fittings, Add		*161.42*	
23 21 13 23-0773	EA	6" Plain End Piping System, 45 Degree Elbow		758.91	76.51
		For Galvanized Fittings, Add		*128.85*	
23 21 13 23-0774	EA	8" Plain End Piping System, 45 Degree Elbow		881.03	90.82
		For Galvanized Fittings, Add		*148.96*	
23 21 13 23-0775	EA	10" Plain End Piping System, 45 Degree Elbow		1,198.48	106.13
		For Galvanized Fittings, Add		*207.88*	
23 21 13 23-0776	EA	12" Plain End Piping System, 45 Degree Elbow		1,533.89	127.48
		For Galvanized Fittings, Add		*268.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0777		**Plain End Piping System, Tees** *(23 21 13 23-0752)*		
23 21 13 23-0778	EA	1" Plain End Piping System, Tee	206.51	18.17
		For Galvanized Fittings, Add	*35.85*	
23 21 13 23-0779	EA	1-1/2" Plain End Piping System, Tee	220.16	27.30
		For Galvanized Fittings, Add	*35.85*	
23 21 13 23-0780	EA	2" Plain End Piping System, Tee	232.19	35.34
		For Galvanized Fittings, Add	*35.85*	
23 21 13 23-0781	EA	2-1/2" Plain End Piping System, Tee	244.17	43.27
		For Galvanized Fittings, Add	*35.85*	
23 21 13 23-0782	EA	3" Plain End Piping System, Tee	337.75	53.18
		For Galvanized Fittings, Add	*51.59*	
23 21 13 23-0783	EA	4" Plain End Piping System, Tee	461.84	68.81
		For Galvanized Fittings, Add	*71.75*	
23 21 13 23-0784	EA	5" Plain End Piping System, Tee	923.01	89.95
		For Galvanized Fittings, Add	*157.62*	
23 21 13 23-0785	EA	6" Plain End Piping System, Tee	1,141.50	112.62
		For Galvanized Fittings, Add	*194.53*	
23 21 13 23-0786	EA	8" Plain End Piping System, Tee	1,553.09	136.95
		For Galvanized Fittings, Add	*269.54*	
23 21 13 23-0787	EA	10" Plain End Piping System, Tee	2,297.39	159.63
		For Galvanized Fittings, Add	*411.61*	
23 21 13 23-0788	EA	12" Plain End Piping System, Tee	3,070.78	191.23
		For Galvanized Fittings, Add	*556.82*	
23 21 13 23-0789		**Plain End Piping System, Reducing Tees** *(23 21 13 23-0752)*		
23 21 13 23-0790	EA	1-1/2" Plain End Piping System, Reducing Tee	398.19	29.29
		For Galvanized Fittings, Add	*70.86*	
23 21 13 23-0791	EA	2" Plain End Piping System, Reducing Tee	407.25	35.34
		For Galvanized Fittings, Add	*70.86*	
23 21 13 23-0792	EA	2-1/2" Plain End Piping System, Reducing Tee	419.23	43.27
		For Galvanized Fittings, Add	*70.86*	
23 21 13 23-0793	EA	3" Plain End Piping System, Reducing Tee	434.10	53.18
		For Galvanized Fittings, Add	*70.86*	
23 21 13 23-0794	EA	4" Plain End Piping System, Reducing Tee	626.17	68.81
		For Galvanized Fittings, Add	*104.62*	
23 21 13 23-0795	EA	6" Plain End Piping System, Reducing Tee	1,057.11	112.62
		For Galvanized Fittings, Add	*177.65*	
23 21 13 23-0796	EA	8" Plain End Piping System, Reducing Tee	1,375.19	136.95
		For Galvanized Fittings, Add	*233.96*	
23 21 13 23-0797	EA	10" Plain End Piping System, Reducing Tee	2,042.75	159.63
		For Galvanized Fittings, Add	*360.68*	
23 21 13 23-0798	EA	12" Plain End Piping System, Reducing Tee	2,997.92	191.23
		For Galvanized Fittings, Add	*542.25*	
23 21 13 23-0799		**Plain End Piping System, Wyes** *(23 21 13 23-0752)*		
23 21 13 23-0800	EA	2" Plain End Piping System, Wye	577.99	35.34
		For Galvanized Fittings, Add	*105.01*	
23 21 13 23-0801	EA	2-1/2" Plain End Piping System, Wye	589.97	43.27
		For Galvanized Fittings, Add	*105.01*	
23 21 13 23-0802	EA	3" Plain End Piping System, Wye	669.98	53.18
		For Galvanized Fittings, Add	*118.04*	
23 21 13 23-0803	EA	4" Plain End Piping System, Wye	979.13	68.81
		For Galvanized Fittings, Add	*175.21*	
23 21 13 23-0804	EA	5" Plain End Piping System, Wye	1,200.96	89.95
		For Galvanized Fittings, Add	*213.21*	
23 21 13 23-0805	EA	6" Plain End Piping System, Wye	1,636.83	112.62
		For Galvanized Fittings, Add	*293.60*	
23 21 13 23-0806	EA	8" Plain End Piping System, Wye	2,106.53	136.95
		For Galvanized Fittings, Add	*380.23*	
23 21 13 23-0807	EA	10" Plain End Piping System, Wye	3,042.79	159.63
		For Galvanized Fittings, Add	*560.69*	
23 21 13 23-0808	EA	12" Plain End Piping System, Wye	4,608.46	191.23
		For Galvanized Fittings, Add	*864.35*	
23 21 13 23-0809		**Plain End Piping System, Laterals** *(23 21 13 23-0752)*		
23 21 13 23-0810	EA	2" Plain End Piping System, Lateral	615.13	35.34
		For Galvanized Fittings, Add	*112.44*	
23 21 13 23-0811	EA	2-1/2" Plain End Piping System, Lateral	627.11	43.27
		For Galvanized Fittings, Add	*112.44*	
23 21 13 23-0812	EA	3" Plain End Piping System, Lateral	706.87	53.18
		For Galvanized Fittings, Add	*125.42*	
23 21 13 23-0813	EA	4" Plain End Piping System, Lateral	1,049.57	68.81
		For Galvanized Fittings, Add	*189.30*	
23 21 13 23-0814	EA	5" Plain End Piping System, Lateral	1,368.74	89.95
		For Galvanized Fittings, Add	*246.76*	
23 21 13 23-0815	EA	6" Plain End Piping System, Lateral	1,744.78	112.62
		For Galvanized Fittings, Add	*315.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0816	EA	8" Plain End Piping System, Lateral	2,503.04	136.95
		For Galvanized Fittings, Add	*459.53*	
23 21 13 23-0817	EA	10" Plain End Piping System, Lateral	3,482.73	159.63
		For Galvanized Fittings, Add	*648.68*	
23 21 13 23-0818	EA	12" Plain End Piping System, Lateral	4,673.85	191.23
		For Galvanized Fittings, Add	*877.43*	

23 21 13 23-0819 Plain End Piping System, Crosses *(23 21 13 23-0752)*

23 21 13 23-0820	EA	2" Plain End Piping System, Cross	689.74	52.96
		For Galvanized Fittings, Add	*76.30*	
23 21 13 23-0821	EA	2-1/2" Plain End Piping System, Cross	707.68	64.84
		For Galvanized Fittings, Add	*76.30*	
23 21 13 23-0822	EA	3" Plain End Piping System, Cross	827.69	79.82
		For Galvanized Fittings, Add	*88.50*	
23 21 13 23-0823	EA	4" Plain End Piping System, Cross	1,127.28	103.15
		For Galvanized Fittings, Add	*121.58*	
23 21 13 23-0824	EA	5" Plain End Piping System, Cross	1,583.87	134.97
		For Galvanized Fittings, Add	*172.69*	
23 21 13 23-0825	EA	6" Plain End Piping System, Cross	2,076.65	168.43
		For Galvanized Fittings, Add	*228.02*	
23 21 13 23-0826	EA	8" Plain End Piping System, Cross	2,646.02	204.00
		For Galvanized Fittings, Add	*292.53*	
23 21 13 23-0827	EA	10" Plain End Piping System, Cross	3,771.94	238.46
		For Galvanized Fittings, Add	*426.81*	
23 21 13 23-0828	EA	12" Plain End Piping System, Cross	5,353.49	286.89
		For Galvanized Fittings, Add	*615.43*	

23 21 13 23-0829 Plain End Piping System, Adapter Nipples *(23 21 13 23-0752)*

Note: Plain to threaded, plain to beveled or plain to grooved.

23 21 13 23-0830	EA	1" Plain End Piping System, Adapter Nipple	48.08	6.61
		For Galvanized Fittings, Add	*9.54*	
23 21 13 23-0831	EA	1-1/2" Plain End Piping System, Adapter Nipple	52.98	9.13
		For Galvanized Fittings, Add	*9.81*	
23 21 13 23-0832	EA	2" Plain End Piping System, Adapter Nipple	57.33	12.11
		For Galvanized Fittings, Add	*9.81*	
23 21 13 23-0833	EA	2-1/2" Plain End Piping System, Adapter Nipple	67.97	14.64
		For Galvanized Fittings, Add	*11.49*	
23 21 13 23-0834	EA	3" Plain End Piping System, Adapter Nipple	83.20	17.61
		For Galvanized Fittings, Add	*14.20*	
23 21 13 23-0835	EA	4" Plain End Piping System, Adapter Nipple	130.17	23.45
		For Galvanized Fittings, Add	*23.74*	
23 21 13 23-0836	EA	6" Plain End Piping System, Adapter Nipple	300.78	29.40
		For Galvanized Fittings, Add	*64.19*	

23 21 13 23-0837 Plain End Piping System, Reducing (Swaged) Nipples *(23 21 13 23-0752)*

23 21 13 23-0838	EA	1-1/2" x 1" Plain End Piping System, Reducing (Swaged) Nipple	151.94	15.74
		For Galvanized Fittings, Add	*32.07*	
23 21 13 23-0839	EA	2" x 1" Plain End Piping System, Reducing (Swaged) Nipple	156.36	18.71
		For Galvanized Fittings, Add	*32.07*	
23 21 13 23-0840	EA	2" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple	160.80	21.68
		For Galvanized Fittings, Add	*32.07*	
23 21 13 23-0841	EA	2-1/2" x 1" Plain End Piping System, Reducing (Swaged) Nipple	159.72	21.03
		For Galvanized Fittings, Add	*32.07*	
23 21 13 23-0842	EA	2-1/2" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple	164.06	23.89
		For Galvanized Fittings, Add	*32.07*	
23 21 13 23-0843	EA	2-1/2" x 2" Plain End Piping System, Reducing (Swaged) Nipple	168.44	26.75
		For Galvanized Fittings, Add	*32.07*	
23 21 13 23-0844	EA	3" x 1" Plain End Piping System, Reducing (Swaged) Nipple	192.48	24.22
		For Galvanized Fittings, Add	*39.06*	
23 21 13 23-0845	EA	3" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple	196.39	26.75
		For Galvanized Fittings, Add	*39.06*	
23 21 13 23-0846	EA	3" x 2" Plain End Piping System, Reducing (Swaged) Nipple	164.76	29.72
		For Galvanized Fittings, Add	*30.04*	
23 21 13 23-0847	EA	3" x 2-1/2" Plain End Piping System, Reducing (Swaged) Nipple	173.29	35.45
		For Galvanized Fittings, Add	*30.04*	
23 21 13 23-0848	EA	3-1/2" x 3" Plain End Piping System, Reducing (Swaged) Nipple	200.89	38.20
		For Galvanized Fittings, Add	*35.92*	
23 21 13 23-0849	EA	4" x 1" Plain End Piping System, Reducing (Swaged) Nipple	264.80	30.05
		For Galvanized Fittings, Add	*54.92*	
23 21 13 23-0850	EA	4" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple	268.66	32.70
		For Galvanized Fittings, Add	*54.92*	
23 21 13 23-0851	EA	4" x 2" Plain End Piping System, Reducing (Swaged) Nipple	219.79	35.67
		For Galvanized Fittings, Add	*41.59*	
23 21 13 23-0852	EA	4" x 2-1/2" Plain End Piping System, Reducing (Swaged) Nipple	223.57	38.20
		For Galvanized Fittings, Add	*41.59*	
23 21 13 23-0853	EA	4" x 3" Plain End Piping System, Reducing (Swaged) Nipple	228.06	41.17
		For Galvanized Fittings, Add	*41.59*	
23 21 13 23-0854	EA	4" x 3-1/2" Plain End Piping System, Reducing (Swaged) Nipple	232.35	44.03
		For Galvanized Fittings, Add	*41.59*	
23 21 13 23-0855	EA	5" x 2" Plain End Piping System, Reducing (Swaged) Nipple	674.00	41.50
		For Galvanized Fittings, Add	*152.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0856	EA	5" x 3" Plain End Piping System, Reducing (Swaged) Nipple	542.55	46.90
		For Galvanized Fittings, Add	*118.04*	
23 21 13 23-0857	EA	5" x 4" Plain End Piping System, Reducing (Swaged) Nipple	467.86	52.96
		For Galvanized Fittings, Add	*97.14*	
23 21 13 23-0858	EA	6" x 1" Plain End Piping System, Reducing (Swaged) Nipple	1,232.73	44.81
		For Galvanized Fittings, Add	*291.40*	
23 21 13 23-0859	EA	6" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple	1,236.53	47.34
		For Galvanized Fittings, Add	*291.40*	
23 21 13 23-0860	EA	6" x 2" Plain End Piping System, Reducing (Swaged) Nipple	937.51	50.31
		For Galvanized Fittings, Add	*215.53*	
23 21 13 23-0861	EA	6" x 2-1/2" Plain End Piping System, Reducing (Swaged) Nipple	941.42	52.96
		For Galvanized Fittings, Add	*215.53*	
23 21 13 23-0862	EA	6" x 3" Plain End Piping System, Reducing (Swaged) Nipple	642.37	55.82
		For Galvanized Fittings, Add	*139.68*	
23 21 13 23-0863	EA	6" x 3-1/2" Plain End Piping System, Reducing (Swaged) Nipple	646.37	58.45
		For Galvanized Fittings, Add	*139.68*	
23 21 13 23-0864	EA	6" x 4" Plain End Piping System, Reducing (Swaged) Nipple	516.08	61.65
		For Galvanized Fittings, Add	*105.93*	
23 21 13 23-0865	EA	6" x 5" Plain End Piping System, Reducing (Swaged) Nipple	587.03	67.49
		For Galvanized Fittings, Add	*121.46*	
23 21 13 23-0866	EA	8" x 3" Plain End Piping System, Reducing (Swaged) Nipple	768.39	63.08
		For Galvanized Fittings, Add	*168.45*	
23 21 13 23-0867	EA	8" x 4" Plain End Piping System, Reducing (Swaged) Nipple	777.28	69.03
		For Galvanized Fittings, Add	*168.45*	
23 21 13 23-0868	EA	8" x 5" Plain End Piping System, Reducing (Swaged) Nipple	878.89	74.97
		For Galvanized Fittings, Add	*191.64*	
23 21 13 23-0869	EA	8" x 6" Plain End Piping System, Reducing (Swaged) Nipple	984.92	83.78
		For Galvanized Fittings, Add	*214.81*	

23 21 13 23-0870 Plain End Piping System, Bull Plugs *(23 21 13 23-0752)*

23 21 13 23-0871	EA	1" Plain End Piping System, Bull Plug	299.34	6.61
		For Galvanized Fittings, Add	*86.83*	
23 21 13 23-0872	EA	1-1/2" Plain End Piping System, Bull Plug	303.19	9.13
		For Galvanized Fittings, Add	*86.83*	
23 21 13 23-0873	EA	2" Plain End Piping System, Bull Plug	307.54	12.11
		For Galvanized Fittings, Add	*86.83*	
23 21 13 23-0874	EA	2-1/2" Plain End Piping System, Bull Plug	311.45	14.64
		For Galvanized Fittings, Add	*86.83*	
23 21 13 23-0875	EA	3" Plain End Piping System, Bull Plug	450.69	17.61
		For Galvanized Fittings, Add	*127.28*	
23 21 13 23-0876	EA	4" Plain End Piping System, Bull Plug	583.23	23.45
		For Galvanized Fittings, Add	*164.40*	
23 21 13 23-0877	EA	5" Plain End Piping System, Bull Plug	1,012.48	29.40
		For Galvanized Fittings, Add	*290.54*	
23 21 13 23-0878	EA	6" Plain End Piping System, Bull Plug	1,348.92	38.20
		For Galvanized Fittings, Add	*387.50*	
23 21 13 23-0879	EA	8" Plain End Piping System, Bull Plug	2,496.66	45.47
		For Galvanized Fittings, Add	*728.53*	
23 21 13 23-0880	EA	10" Plain End Piping System, Bull Plug	4,488.16	53.18
		For Galvanized Fittings, Add	*1,322.51*	
23 21 13 23-0881	EA	12" Plain End Piping System, Bull Plug	6,875.06	63.85
		For Galvanized Fittings, Add	*2,033.79*	

23 21 13 23-0882 Carbon Steel Piping Systems *(23 21 13 23)*

23 21 13 23-0883 Class 3,000 Lb. Carbon Steel Socket Weld Fittings *(23 21 13 23-0882)*

Note: ASTM A105

23 21 13 23-0884 90 Degree Elbows, 3,000 LB Carbon Steel Socket Weld *(23 21 13 23-0883)*

23 21 13 23-0885	EA	1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	38.91	21.79
23 21 13 23-0886	EA	3/4" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	43.71	24.33
23 21 13 23-0887	EA	1" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	54.03	27.19
23 21 13 23-0888	EA	1-1/4" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	70.86	30.83
23 21 13 23-0889	EA	1-1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	80.79	34.68
23 21 13 23-0890	EA	2" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	108.34	44.14
23 21 13 23-0891	EA	2-1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	204.96	65.28
23 21 13 23-0892	EA	3" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	288.64	85.87
23 21 13 23-0893	EA	4" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	479.74	93.57

23 21 13 23-0894 45 Degree Elbows, 3,000 LB Carbon Steel Socket Weld *(23 21 13 23-0883)*

23 21 13 23-0895	EA	1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	41.68	21.79
23 21 13 23-0896	EA	3/4" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	47.90	24.33
23 21 13 23-0897	EA	1" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	55.32	27.19
23 21 13 23-0898	EA	1-1/4" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	72.49	30.83
23 21 13 23-0899	EA	1-1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	84.70	34.68
23 21 13 23-0900	EA	2" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	108.25	44.14
23 21 13 23-0901	EA	2-1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	228.89	65.28
23 21 13 23-0902	EA	3" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	308.88	85.87
23 21 13 23-0903	EA	4" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	470.98	93.57

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0904		**Straight Tees, 3,000 Lb. Carbon Steel Socket Weld** *(23 21 13 23-0883)*		
23 21 13 23-0905	EA	1/2" Tee, Straight, Carbon Steel, Socket Weld, 3,000 Lb.	47.92	27.19
23 21 13 23-0906	EA	3/4" Tee, Straight, Carbon Steel, Socket Weld, 3,000 Lb.	57.36	31.37
23 21 13 23-0907	EA	1" Tee, Straight, Carbon Steel, Socket Weld, 3,000 Lb.	73.86	37.10
23 21 13 23-0908	EA	1-1/4" Tee, Straight, Carbon Steel, Socket Weld, 3,000 Lb.	95.89	44.14
23 21 13 23-0909	EA	1-1/2" Tee, Straight, Carbon Steel, Socket Weld, 3,000 Lb.	115.83	52.62
23 21 13 23-0910	EA	2" Tee, Straight, Carbon Steel, Socket Weld, 3,000 Lb.	151.43	65.28
23 21 13 23-0911	EA	2-1/2" Tee, Straight, Carbon Steel, Socket Weld, 3,000 Lb.	257.74	85.87
23 21 13 23-0912	EA	3" Tee, Straight, Carbon Steel, Socket Weld, 3,000 Lb.	346.57	101.94
23 21 13 23-0913	EA	4" Tee, Straight, Carbon Steel, Socket Weld, 3,000 Lb.	632.13	118.13
23 21 13 23-0914		**Reducing Tees, 3,000 Lb. Carbon Steel Socket Weld** *(23 21 13 23-0883)*		
23 21 13 23-0915	EA	1/2" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 Lb.	48.68	27.19
23 21 13 23-0916	EA	3/4" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 Lb.	58.14	31.37
23 21 13 23-0917	EA	1" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 Lb.	74.79	37.10
23 21 13 23-0918	EA	1-1/4" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 Lb.	98.11	44.14
23 21 13 23-0919	EA	1-1/2" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 Lb.	118.44	52.62
23 21 13 23-0920	EA	2" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 Lb.	155.43	65.28
23 21 13 23-0921	EA	2-1/2" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 Lb.	267.25	85.87
23 21 13 23-0922	EA	3" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 Lb.	360.27	101.94
23 21 13 23-0923	EA	4" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 Lb.	583.39	118.13
23 21 13 23-0924		**Straight Couplings, 3,000 Lb. Carbon Steel Socket Weld** *(23 21 13 23-0883)*		
23 21 13 23-0925	EA	1/2" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 Lb.	35.49	21.79
23 21 13 23-0926	EA	3/4" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 Lb.	39.92	24.33
23 21 13 23-0927	EA	1" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 Lb.	46.00	27.19
23 21 13 23-0928	EA	1-1/4" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 Lb.	52.74	30.83
23 21 13 23-0929	EA	1-1/2" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 Lb.	60.89	34.68
23 21 13 23-0930	EA	2" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 Lb.	79.05	44.14
23 21 13 23-0931	EA	2-1/2" Coupling, Straight, Carbon Steel, Socket, Weld, 3,000 Lb.	130.36	65.28
23 21 13 23-0932	EA	3" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 Lb.	173.59	85.87
23 21 13 23-0933	EA	4" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 Lb.	229.66	93.57
23 21 13 23-0934		**Reducing Couplings, 3,000 Lb. Carbon Steel Socket Weld** *(23 21 13 23-0883)*		
23 21 13 23-0935	EA	1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 Lb.	37.04	21.79
23 21 13 23-0936	EA	3/4" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 Lb.	41.62	24.33
23 21 13 23-0937	EA	1" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 Lb.	48.71	27.19
23 21 13 23-0938	EA	1-1/4" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 Lb.	56.02	30.83
23 21 13 23-0939	EA	1-1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 Lb.	65.76	34.68
23 21 13 23-0940	EA	2" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 Lb.	84.25	44.14
23 21 13 23-0941	EA	2-1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 Lb.	141.81	65.28
23 21 13 23-0942	EA	3" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 Lb.	196.62	85.87
23 21 13 23-0943	EA	4" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 Lb.	277.53	93.57
23 21 13 23-0944		**Caps, 3,000 Lb. Carbon Steel Socket Weld** *(23 21 13 23-0883)*		
23 21 13 23-0945	EA	1/2" Cap, Carbon Steel, Socket Weld, 3,000 Lb.	19.83	10.24
23 21 13 23-0946	EA	3/4" Cap, Carbon Steel, Socket Weld, 3,000 Lb.	22.26	10.90
23 21 13 23-0947	EA	1" Cap, Carbon Steel, Socket Weld, 3,000 Lb.	26.02	12.55
23 21 13 23-0948	EA	1-1/4" Cap, Carbon Steel, Socket Weld, 3,000 Lb.	29.77	13.65
23 21 13 23-0949	EA	1-1/2" Cap, Carbon Steel, Socket Weld, 3,000 Lb.	33.22	13.65
23 21 13 23-0950	EA	2" Cap, Carbon Steel, Socket Weld, 3,000 Lb.	43.06	17.50
23 21 13 23-0951	EA	2-1/2" Cap, Carbon Steel, Socket Weld, 3,000 Lb.	72.07	21.79
23 21 13 23-0952	EA	3" Cap, Carbon Steel, Socket Weld, 3,000 Lb.	101.61	26.32
23 21 13 23-0953	EA	4" Cap, Carbon Steel, Socket Weld, 3,000 Lb.	144.98	32.02
23 21 13 23-0954		**Black Cast Iron Square Head Plug** *(23 21 13 23-0883)*		
23 21 13 23-0955	EA	1/2" Square Head Plug, Black, Cast Iron	13.98	8.70
23 21 13 23-0956	EA	3/4" Square Head Plug, Black, Cast Iron	15.45	8.70
23 21 13 23-0957	EA	1" Square Head Plug, Black, Cast Iron	22.46	13.21
23 21 13 23-0958	EA	1-1/4" Square Head Plug, Black, Cast Iron	22.76	13.21
23 21 13 23-0959	EA	1-1/2" Square Head Plug, Black, Cast Iron	23.98	13.21
23 21 13 23-0960	EA	2" Square Head Plug, Black, Cast Iron	31.82	17.50
23 21 13 23-0961	EA	2-1/2" Square Head Plug, Black, Cast Iron	40.61	21.79
23 21 13 23-0962	EA	3" Square Head Plug, Black, Cast Iron	52.29	26.32
23 21 13 23-0963	EA	4" Square Head Plug, Black, Cast Iron	63.13	32.02
23 21 13 23-0964		**Unions, 3,000 Lb. Carbon Steel Socket Weld** *(23 21 13 23-0883)*		
23 21 13 23-0965	EA	1/2" Union, Carbon Steel, Socket Weld, 3,000 Lb.	56.87	27.19
23 21 13 23-0966	EA	3/4" Union, Carbon Steel, Socket Weld, 3,000 Lb.	63.56	31.37
23 21 13 23-0967	EA	1" Union, Carbon Steel, Socket Weld, 3,000 Lb.	79.74	37.10
23 21 13 23-0968	EA	1-1/4" Union, Carbon Steel, Socket Weld, 3,000 Lb.	99.44	44.14
23 21 13 23-0969	EA	1-1/2" Union, Carbon Steel, Socket Weld, 3,000 Lb.	119.58	52.62
23 21 13 23-0970	EA	2" Union, Carbon Steel, Socket Weld, 3,000 Lb.	149.24	65.28

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0971	EA	2-1/2" Union, Carbon Steel, Socket Weld, 3,000 Lb.	237.94	70.90
23 21 13 23-0972	EA	3" Union, Carbon Steel, Socket Weld, 3,000 Lb.	315.26	85.87
23 21 13 23-0973		**Class 6,000 Lb. Carbon Steel Socket Weld Fittings** *(23 21 13 23-0882)* Note: ASTM A105		
23 21 13 23-0974		**90 Degree Elbow, 6,000 LB Carbon Steel Socket Weld** *(23 21 13 23-0973)*		
23 21 13 23-0975	EA	1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	42.25	21.79
23 21 13 23-0976	EA	3/4" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	47.52	24.33
23 21 13 23-0977	EA	1" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	61.07	27.19
23 21 13 23-0978	EA	1-1/4" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	83.98	30.83
23 21 13 23-0979	EA	1-1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	96.06	34.68
23 21 13 23-0980	EA	2" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	130.76	44.14
23 21 13 23-0981	EA	2-1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	261.84	65.28
23 21 13 23-0982	EA	3" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	373.55	85.87
23 21 13 23-0983	EA	4" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	660.06	93.57
23 21 13 23-0984		**45 Degree Elbow, 6,000 LB Carbon Steel Socket Weld** *(23 21 13 23-0973)*		
23 21 13 23-0985	EA	1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	46.81	21.79
23 21 13 23-0986	EA	3/4" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	54.34	24.33
23 21 13 23-0987	EA	1" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	63.55	27.19
23 21 13 23-0988	EA	1-1/4" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	87.40	30.83
23 21 13 23-0989	EA	1-1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	103.19	34.68
23 21 13 23-0990	EA	2" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	132.11	44.14
23 21 13 23-0991	EA	2-1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	303.08	65.28
23 21 13 23-0992	EA	3" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	410.87	85.87
23 21 13 23-0993	EA	4" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	658.25	93.57
23 21 13 23-0994		**Straight Tees, 6,000 Lb. Carbon Steel Socket Weld** *(23 21 13 23-0973)*		
23 21 13 23-0995	EA	1/2" Tee, Straight, Carbon Steel, Socket Weld, 6,000 Lb.	54.54	27.19
23 21 13 23-0996	EA	3/4" Tee, Straight, Carbon Steel, Socket Weld, 6,000 Lb.	66.92	31.37
23 21 13 23-0997	EA	1" Tee, Straight, Carbon Steel, Socket Weld, 6,000 Lb.	90.76	37.10
23 21 13 23-0998	EA	1-1/4" Tee, Straight, Carbon Steel, Socket Weld, 6,000 Lb.	123.45	44.14
23 21 13 23-0999	EA	1-1/2" Tee, Straight, Carbon Steel, Socket Weld, 6,000 Lb.	150.01	52.62
23 21 13 23-1000	EA	2" Tee, Straight, Carbon Steel, Socket Weld, 6,000 Lb.	201.05	65.28
23 21 13 23-1001	EA	2-1/2" Tee, Straight, Carbon Steel, Socket Weld, 6,000 Lb.	377.20	85.87
23 21 13 23-1002	EA	3" Tee, Straight, Carbon Steel, Socket Weld, 6,000 Lb.	525.95	101.94
23 21 13 23-1003	EA	4" Tee, Straight, Carbon Steel, Socket Weld, 6,000 Lb.	1,053.56	118.13
23 21 13 23-1004		**Reducing Tees, 6,000 Lb. Carbon Steel Socket Weld** *(23 21 13 23-0973)*		
23 21 13 23-1005	EA	1/2" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 Lb.	48.68	27.19
23 21 13 23-1006	EA	3/4" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 Lb.	58.14	31.37
23 21 13 23-1007	EA	1" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 Lb.	74.79	37.10
23 21 13 23-1008	EA	1-1/4" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 Lb.	98.11	44.14
23 21 13 23-1009	EA	1-1/2" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 Lb.	118.44	52.62
23 21 13 23-1010	EA	2" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 Lb.	155.43	65.28
23 21 13 23-1011	EA	2-1/2" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 Lb.	267.25	85.87
23 21 13 23-1012	EA	3" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 Lb.	360.27	101.94
23 21 13 23-1013	EA	4" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 Lb.	583.39	118.13
23 21 13 23-1014		**Straight Couplings, 6,000 Lb. Carbon Steel Socket Weld** *(23 21 13 23-0973)*		
23 21 13 23-1015	EA	1/2" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 Lb.	36.88	21.79
23 21 13 23-1016	EA	3/4" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 Lb.	41.57	24.33
23 21 13 23-1017	EA	1" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 Lb.	48.52	27.19
23 21 13 23-1018	EA	1-1/4" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 Lb.	55.92	30.83
23 21 13 23-1019	EA	1-1/2" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 Lb.	65.17	34.68
23 21 13 23-1020	EA	2" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 Lb.	85.30	44.14
23 21 13 23-1021	EA	2-1/2" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 Lb.	146.07	65.28
23 21 13 23-1022	EA	3" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 Lb.	195.26	85.87
23 21 13 23-1023	EA	4" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 Lb.	272.90	93.57
23 21 13 23-1024		**Reducing Couplings, 6,000 Lb. Carbon Steel Socket Weld** *(23 21 13 23-0973)*		
23 21 13 23-1025	EA	1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 Lb	39.16	21.79
23 21 13 23-1026	EA	3/4" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 Lb	44.07	24.33
23 21 13 23-1027	EA	1" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 Lb	52.52	27.19
23 21 13 23-1028	EA	1-1/4" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 Lb.	60.75	30.83
23 21 13 23-1029	EA	1-1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 Lb.	72.34	34.68
23 21 13 23-1030	EA	2" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 Lb	92.95	44.14
23 21 13 23-1031	EA	2-1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 Lb.	162.90	65.28
23 21 13 23-1032	EA	3" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 Lb	229.19	85.87
23 21 13 23-1033	EA	4" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 Lb	343.44	93.57
23 21 13 23-1034		**Caps, 6,000 Lb. Carbon Steel Socket Weld** *(23 21 13 23-0973)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1035	EA	1/2" Cap, Carbon Steel, Socket Weld, 6,000 Lb.	22.88	10.24
23 21 13 23-1036	EA	3/4" Cap, Carbon Steel, Socket Weld, 6,000 Lb.	26.25	10.90
23 21 13 23-1037	EA	1" Cap, Carbon Steel, Socket Weld, 6,000 Lb.	30.86	12.55
23 21 13 23-1038	EA	1-1/4" Cap, Carbon Steel, Socket Weld, 6,000 Lb.	36.08	13.65
23 21 13 23-1039	EA	1-1/2" Cap, Carbon Steel, Socket Weld, 6,000 Lb.	41.83	13.65
23 21 13 23-1040	EA	2" Cap, Carbon Steel, Socket Weld, 6,000 Lb.	54.30	17.50
23 21 13 23-1041	EA	2-1/2" Cap, Carbon Steel, Socket Weld, 6,000 Lb.	98.55	21.79
23 21 13 23-1042	EA	3" Cap, Carbon Steel, Socket Weld, 6,000 Lb.	143.33	26.32
23 21 13 23-1043	EA	4" Cap, Carbon Steel, Socket Weld, 6,000 Lb.	210.02	32.02
23 21 13 23-1044		**Black Cast Iron Square Head Plug** *(23 21 13 23-0973)*		
23 21 13 23-1045	EA	1/2" Square Head Plug, Black Cast Iron	13.98	8.70
23 21 13 23-1046	EA	3/4" Square Head Plug, Black Cast Iron	15.46	8.70
23 21 13 23-1047	EA	1" Square Head Plug, Black Cast Iron	22.48	13.21
23 21 13 23-1048	EA	1-1/4" Square Head Plug, Black Cast Iron	22.77	13.21
23 21 13 23-1049	EA	1-1/2" Square Head Plug, Black Cast Iron	24.00	13.21
23 21 13 23-1050	EA	2" Square Head Plug, Black Cast Iron	31.85	17.50
23 21 13 23-1051	EA	2-1/2" Square Head Plug, Black Cast Iron	40.65	21.79
23 21 13 23-1052	EA	3" Square Head Plug, Black Cast Iron	52.36	26.32
23 21 13 23-1053	EA	4" Square Head Plug, Black Cast Iron	63.21	32.02
23 21 13 23-1054		**Unions, 6,000 Lb. Carbon Steel Socket Weld** *(23 21 13 23-0973)*		
23 21 13 23-1055	EA	1/2" Union, Carbon Steel, Socket Weld, 6,000 Lb.	66.72	27.19
23 21 13 23-1056	EA	3/4" Union, Carbon Steel, Socket Weld, 6,000 Lb.	73.66	31.37
23 21 13 23-1057	EA	1" Union, Carbon Steel, Socket Weld, 6,000 Lb.	94.50	37.10
23 21 13 23-1058	EA	1-1/4" Union, Carbon Steel, Socket Weld, 6,000 Lb.	119.81	44.14
23 21 13 23-1059	EA	1-1/2" Union, Carbon Steel, Socket Weld, 6,000 Lb.	144.44	52.62
23 21 13 23-1060	EA	2" Union, Carbon Steel, Socket Weld, 6,000 Lb.	180.66	65.28
23 21 13 23-1061	EA	2-1/2" Union, Carbon Steel, Socket Weld, 6,000 Lb.	318.40	70.90
23 21 13 23-1062	EA	3" Union, Carbon Steel, Socket Weld, 6,000 Lb.	429.30	85.87
23 21 13 23-1063		**Carbon Steel, Seamless Piping System** *(23 21 13 23-0882)*		
		Note: ASTM A106 Excludes hangers or fittings. Demolition Note applies to all pipe demolition.		
23 21 13 23-1064		**Schedule 40, Carbon Steel, Seamless Piping** *(23 21 13 23-1063)*		
		Note: ASTM A106 Excludes hangers, elbow, tee, or reducer fittings.		
23 21 13 23-1065	LF	1/4" Schedule 40, Threaded (A-106) Seamless, Carbon Steel Pipe	10.53	4.07
		For Schedule 80, Add	*1.59*	
23 21 13 23-1066	LF	1/2" Schedule 40, Threaded (A-106) Seamless, Carbon Steel Pipe	10.71	4.40
		For Schedule 160, Add	*6.06*	
		For Schedule 80, Add	*1.45*	
23 21 13 23-1067	LF	3/4" Schedule 40, Threaded (A-106) Seamless, Carbon Steel Pipe	12.04	4.73
		For Schedule 160, Add	*7.41*	
		For Schedule 80, Add	*1.78*	
23 21 13 23-1068	LF	1" Schedule 40, Threaded (A-106) Seamless, Carbon Steel Pipe	12.79	5.18
		For Schedule 160, Add	*7.65*	
		For Schedule 80, Add	*1.84*	
23 21 13 23-1069	LF	1-1/2" Schedule 40, Threaded (A-106) Seamless, Carbon Steel Pipe	17.84	6.39
		For Schedule 160, Add	*12.39*	
		For Schedule 80, Add	*2.97*	
23 21 13 23-1070	LF	2" Schedule 40, Threaded (A-106) Seamless, Carbon Steel Pipe	21.48	7.70
		For Schedule 160, Add	*14.84*	
		For Schedule 80, Add	*3.56*	
23 21 13 23-1071		**90 Degree Elbows, Screwed Carbon Steel** *(23 21 13 23-1063)*		
23 21 13 23-1072	EA	1/4" 90 Degree Elbow, 2,000 Lb., Screwed Carbon Steel	29.03	16.74
23 21 13 23-1073	EA	1/2" 90 Degree Elbow, 2,000 Lb., Screwed Carbon Steel	34.80	19.60
23 21 13 23-1074	EA	3/4" 90 Degree Elbow, 2,000 Lb., Screwed Carbon Steel	38.90	21.91
23 21 13 23-1075	EA	1" 90 Degree Elbow, 2,000 Lb., Screwed Carbon Steel	44.31	24.44
23 21 13 23-1076	EA	1-1/2" 90 Degree Elbow, 2,000 Lb., Screwed Carbon Steel	66.50	31.26
23 21 13 23-1077	EA	2" 90 Degree Elbow, 2,000 Lb., Screwed Carbon Steel	84.31	39.74
23 21 13 23-1078	EA	1/4" 90 Degree Elbow, 3,000 Lb., Screwed Carbon Steel	30.30	16.74
23 21 13 23-1079	EA	1/2" 90 Degree Elbow, 3,000 Lb., Screwed Carbon Steel	35.27	19.60
23 21 13 23-1080	EA	3/4" 90 Degree Elbow, 3,000 Lb., Screwed Carbon Steel	40.46	21.91
23 21 13 23-1081	EA	1" 90 Degree Elbow, 3,000 Lb., Screwed Carbon Steel	47.71	24.44
23 21 13 23-1082	EA	1-1/2" 90 Degree Elbow, 3,000 Lb., Screwed Carbon Steel	74.61	31.26
23 21 13 23-1083	EA	2" 90 Degree Elbow, 3,000 Lb., Screwed Carbon Steel	93.28	39.74
23 21 13 23-1084	EA	1/2" 90 Degree Elbow, 6,000 Lb., Screwed Carbon Steel	39.69	19.60
23 21 13 23-1085	EA	3/4" 90 Degree Elbow, 6,000 Lb., Screwed Carbon Steel	46.02	21.91
23 21 13 23-1086	EA	1" 90 Degree Elbow, 6,000 Lb., Screwed Carbon Steel	53.55	24.44
23 21 13 23-1087	EA	1-1/2" 90 Degree Elbow, 6,000 Lb., Screwed Carbon Steel	91.03	31.26
23 21 13 23-1088	EA	2" 90 Degree Elbow, 6,000 Lb., Screwed Carbon Steel	136.82	39.74
23 21 13 23-1089		**45 Degree Elbows, Screwed Carbon Steel** *(23 21 13 23-1063)*		
23 21 13 23-1090	EA	1/4" 45 Degree Elbow, 2,000 Lb., Screwed Carbon Steel	31.78	16.74
23 21 13 23-1091	EA	1/2" 45 Degree Elbow, 2,000 Lb., Screwed Carbon Steel	35.82	19.60
23 21 13 23-1092	EA	3/4" 45 Degree Elbow, 2,000 Lb., Screwed Carbon Steel	40.22	21.91

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1093	EA	1" 45 Degree Elbow, 2,000 Lb., Screwed Carbon Steel	45.31	24.44
23 21 13 23-1094	EA	1-1/2" 45 Degree Elbow, 2,000 Lb., Screwed Carbon Steel	63.26	31.26
23 21 13 23-1095	EA	2" 45 Degree Elbow, 2,000 Lb., Screwed Carbon Steel	89.31	39.74
23 21 13 23-1096	EA	1/4" 45 Degree Elbow, 3,000 Lb., Screwed Carbon Steel	31.98	16.74
23 21 13 23-1097	EA	1/2" 45 Degree Elbow, 3,000 Lb., Screwed Carbon Steel	36.98	19.60
23 21 13 23-1098	EA	3/4" 45 Degree Elbow, 3,000 Lb., Screwed Carbon Steel	41.55	21.91
23 21 13 23-1099	EA	1" 45 Degree Elbow, 3,000 Lb., Screwed Carbon Steel	48.78	24.44
23 21 13 23-1100	EA	1-1/2" 45 Degree Elbow, 3,000 Lb., Screwed Carbon Steel	73.36	31.26
23 21 13 23-1101	EA	2" 45 Degree Elbow, 3,000 Lb., Screwed Carbon Steel	96.07	39.74
23 21 13 23-1102	EA	1/2" 45 Degree Elbow, 6,000 Lb., Screwed Carbon Steel	42.74	19.60
23 21 13 23-1103	EA	3/4" 45 Degree Elbow, 6,000 Lb., Screwed Carbon Steel	51.52	21.91
23 21 13 23-1104	EA	1" 45 Degree Elbow, 6,000 Lb., Screwed Carbon Steel	55.62	24.44
23 21 13 23-1105	EA	1-1/2" 45 Degree Elbow, 6,000 Lb., Screwed Carbon Steel	102.74	31.26
23 21 13 23-1106	EA	2" 45 Degree Elbow, 6,000 Lb., Screwed Carbon Steel	137.59	39.74
23 21 13 23-1107		**Straight Tees, Screwed Carbon Steel** *(23 21 13 23-1063)*		
23 21 13 23-1108	EA	1/4" Tee, Straight, 2,000 Lb., Screwed Carbon Steel	38.61	23.22
23 21 13 23-1109	EA	1/2" Tee, Straight, 2,000 Lb., Screwed Carbon Steel	43.75	24.44
23 21 13 23-1110	EA	3/4" Tee, Straight, 2,000 Lb., Screwed Carbon Steel	51.95	28.29
23 21 13 23-1111	EA	1" Tee, Straight, 2,000 Lb., Screwed Carbon Steel	63.18	33.36
23 21 13 23-1112	EA	1-1/2" Tee, Straight, 2,000 Lb., Screwed Carbon Steel	98.67	47.34
23 21 13 23-1113	EA	2" Tee, Straight, 2,000 Lb., Screwed Carbon Steel	122.34	58.79
23 21 13 23-1114	EA	1/4" Tee, Straight, 3,000 Lb., Screwed Carbon Steel	39.69	23.22
23 21 13 23-1115	EA	1/2" Tee, Straight, 3,000 Lb., Screwed Carbon Steel	44.45	24.44
23 21 13 23-1116	EA	3/4" Tee, Straight, 3,000 Lb., Screwed Carbon Steel	54.30	28.29
23 21 13 23-1117	EA	1" Tee, Straight, 3,000 Lb., Screwed Carbon Steel	65.20	33.36
23 21 13 23-1118	EA	1-1/2" Tee, Straight, 3,000 Lb., Screwed Carbon Steel	105.63	47.34
23 21 13 23-1119	EA	2" Tee, Straight, 3,000 Lb., Screwed Carbon Steel	133.86	58.79
23 21 13 23-1120	EA	1/2" Tee, Straight, 6,000 Lb., Screwed Carbon Steel	49.75	24.44
23 21 13 23-1121	EA	3/4" Tee, Straight, 6,000 Lb., Screwed Carbon Steel	60.00	28.29
23 21 13 23-1122	EA	1" Tee, Straight, 6,000 Lb., Screwed Carbon Steel	79.27	33.36
23 21 13 23-1123	EA	1-1/2" Tee, Straight, 6,000 Lb., Screwed Carbon Steel	121.62	47.34
23 21 13 23-1124	EA	2" Tee, Straight, 6,000 Lb., Screwed Carbon Steel	184.84	58.79
23 21 13 23-1125		**Straight Couplings, Screwed Carbon Steel** *(23 21 13 23-1063)*		
23 21 13 23-1126	EA	1/4" Coupling, Straight, 3,000 Lb., Screwed Carbon Steel	27.52	16.74
23 21 13 23-1127	EA	1/2" Coupling, Straight, 3,000 Lb., Screwed Carbon Steel	31.56	19.60
23 21 13 23-1128	EA	3/4" Coupling, Straight, 3,000 Lb., Screwed Carbon Steel	35.89	21.91
23 21 13 23-1129	EA	1" Coupling, Straight, 3,000 Lb., Screwed Carbon Steel	41.26	24.44
23 21 13 23-1130	EA	1-1/2" Coupling, Straight, 3,000 Lb., Screwed Carbon Steel	58.32	31.26
23 21 13 23-1131	EA	2" Coupling, Straight, 3,000 Lb., Screwed Carbon Steel	74.03	39.74
23 21 13 23-1132	EA	1/4" Coupling, Straight, 6,000 Lb., Screwed Carbon Steel	30.70	16.74
23 21 13 23-1133	EA	1/2" Coupling, Straight, 6,000 Lb., Screwed Carbon Steel	33.57	19.60
23 21 13 23-1134	EA	3/4" Coupling, Straight, 6,000 Lb., Screwed Carbon Steel	37.43	21.91
23 21 13 23-1135	EA	1" Coupling, Straight, 6,000 Lb., Screwed Carbon Steel	43.32	24.44
23 21 13 23-1136	EA	1-1/2" Coupling, Straight, 6,000 Lb., Screwed Carbon Steel	61.46	31.26
23 21 13 23-1137	EA	2" Coupling, Straight, 6,000 Lb., Screwed Carbon Steel	85.52	39.74
23 21 13 23-1138		**Reducing Couplings, Screwed Carbon Steel** *(23 21 13 23-1063)*		
23 21 13 23-1139	EA	1/4" Coupling, Reducing, 3,000 Lb., Screwed Carbon Steel	27.96	17.84
23 21 13 23-1140	EA	1/2" Coupling, Reducing, 3,000 Lb., Screwed Carbon Steel	32.60	19.60
23 21 13 23-1141	EA	3/4" Coupling, Reducing, 3,000 Lb., Screwed Carbon Steel	37.48	21.91
23 21 13 23-1142	EA	1" Coupling, Reducing, 3,000 Lb., Screwed Carbon Steel	43.47	24.44
23 21 13 23-1143	EA	1-1/2" Coupling, Reducing, 3,000 Lb., Screwed Carbon Steel	58.89	31.26
23 21 13 23-1144	EA	2" Coupling, Reducing, 3,000 Lb., Screwed Carbon Steel	77.13	39.74
23 21 13 23-1145	EA	1/2" Coupling, Reducing, 6,000 Lb., Screwed Carbon Steel	73.31	19.60
23 21 13 23-1146	EA	3/4" Coupling, Reducing, 6,000 Lb., Screwed Carbon Steel	76.81	21.91
23 21 13 23-1147	EA	1" Coupling, Reducing, 6,000 Lb., Screwed Carbon Steel	89.30	24.44
23 21 13 23-1148	EA	1-1/2" Coupling, Reducing, 6,000 Lb., Screwed Carbon Steel	126.69	31.26
23 21 13 23-1149	EA	2" Coupling, Reducing, 6,000 Lb., Screwed Carbon Steel	179.75	39.74
23 21 13 23-1150		**Caps, Screwed Carbon Steel** *(23 21 13 23-1063)*		
23 21 13 23-1151	EA	1/4" Cap, 3,000 Lb., Screwed Carbon Steel	13.13	7.48
23 21 13 23-1152	EA	1/2" Cap, 3,000 Lb., Screwed Carbon Steel	15.24	8.70
23 21 13 23-1153	EA	3/4" Cap, 3,000 Lb., Screwed Carbon Steel	17.62	9.80
23 21 13 23-1154	EA	1" Cap, 3,000 Lb., Screwed Carbon Steel	20.87	10.90
23 21 13 23-1155	EA	1-1/2" Cap, 3,000 Lb., Screwed Carbon Steel	28.04	13.87
23 21 13 23-1156	EA	2" Cap, 3,000 Lb., Screwed Carbon Steel	37.59	17.73
23 21 13 23-1157	EA	1/4" Cap, 6,000 Lb., Screwed Carbon Steel	16.95	7.48
23 21 13 23-1158	EA	1/2" Cap, 6,000 Lb., Screwed Carbon Steel	17.68	8.70
23 21 13 23-1159	EA	3/4" Cap, 6,000 Lb., Screwed Carbon Steel	21.60	9.80
23 21 13 23-1160	EA	1" Cap, 6,000 Lb., Screwed Carbon Steel	23.78	10.90
23 21 13 23-1161	EA	1-1/2" Cap, 6,000 Lb., Screwed Carbon Steel	39.89	13.87
23 21 13 23-1162	EA	2" Cap, 6,000 Lb., Screwed Carbon Steel	49.13	17.73

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1163		Nipples, Screwed Carbon Steel *(23 21 13 23-1063)*		
23 21 13 23-1164	EA	1/4" Nipple, 2" Long, Screwed Carbon Steel	16.83	10.02
23 21 13 23-1165	EA	1/2" Nipple, 2" Long, Screwed Carbon Steel	17.18	10.45
23 21 13 23-1166	EA	3/4" Nipple, 2" Long, Screwed Carbon Steel	17.08	10.45
23 21 13 23-1167	EA	1" Nipple, 2" Long, Screwed Carbon Steel	18.87	11.34
23 21 13 23-1168	EA	1-1/2" Nipple, 2" Long, Screwed Carbon Steel	21.26	12.22
23 21 13 23-1169	EA	2" Nipple, 2" Long, Screwed Carbon Steel	25.88	15.74
23 21 13 23-1170	EA	1/4" Nipple, 4" Long, Screwed Carbon Steel	17.56	10.02
23 21 13 23-1171	EA	1/2" Nipple, 4" Long, Screwed Carbon Steel	17.76	10.45
23 21 13 23-1172	EA	3/4" Nipple, 4" Long, Screwed Carbon Steel	17.74	10.45
23 21 13 23-1173	EA	1" Nipple, 4" Long, Screwed Carbon Steel	19.75	11.34
23 21 13 23-1174	EA	1-1/2" Nipple, 4" Long, Screwed Carbon Steel	22.83	12.22
23 21 13 23-1175	EA	2" Nipple, 4" Long, Screwed Carbon Steel	28.17	15.74
23 21 13 23-1176	EA	1/4" Nipple, 6" Long, Screwed Carbon Steel	19.30	10.02
23 21 13 23-1177	EA	1/2" Nipple, 6" Long, Screwed Carbon Steel	18.67	10.45
23 21 13 23-1178	EA	3/4" Nipple, 6" Long, Screwed Carbon Steel	18.76	10.45
23 21 13 23-1179	EA	1" Nipple, 6" Long, Screwed Carbon Steel	21.02	11.34
23 21 13 23-1180	EA	1-1/2" Nipple, 6" Long, Screwed Carbon Steel	24.98	12.22
23 21 13 23-1181	EA	2" Nipple, 6" Long, Screwed Carbon Steel	30.08	15.74
23 21 13 23-1182		Unions, Screwed Carbon Steel *(23 21 13 23-1063)*		
23 21 13 23-1183	EA	1/4" Union, 3,000 Lb., Screwed Carbon Steel	35.61	24.33
23 21 13 23-1184	EA	1/2" Union, 3,000 Lb., Screwed Carbon Steel	37.95	24.44
23 21 13 23-1185	EA	3/4" Union, 3,000 Lb., Screwed Carbon Steel	43.62	28.29
23 21 13 23-1186	EA	1" Union, 3,000 Lb., Screwed Carbon Steel	51.91	33.36
23 21 13 23-1187	EA	1-1/2" Union, 3,000 Lb., Screwed Carbon Steel	74.17	47.34
23 21 13 23-1188	EA	2" Union, 3,000 Lb., Screwed Carbon Steel	92.05	58.79
23 21 13 23-1189	EA	1/4" Union, 6,000 Lb., Screwed Carbon Steel	52.49	24.33
23 21 13 23-1190	EA	1/2" Union, 6,000 Lb., Screwed Carbon Steel	58.35	24.44
23 21 13 23-1191	EA	3/4" Union, 6,000 Lb., Screwed Carbon Steel	68.34	28.29
23 21 13 23-1192	EA	1" Union, 6,000 Lb., Screwed Carbon Steel	82.37	33.36
23 21 13 23-1193	EA	1-1/2" Union, 6,000 Lb., Screwed Carbon Steel	136.45	47.34
23 21 13 23-1194	EA	2" Union, 6,000 Lb., Screwed Carbon Steel	168.71	58.79
23 21 13 23-1195		Weld Neck Flanges, Screwed Carbon Steel *(23 21 13 23-1063)*		
23 21 13 23-1196	EA	1/2" Flange, 150 Lb., Screwed Carbon Steel	77.20	45.47
23 21 13 23-1197	EA	3/4" Flange, 150 Lb., Screwed Carbon Steel	80.79	47.67
23 21 13 23-1198	EA	1" Flange, 150 Lb., Screwed Carbon Steel	83.89	49.76
23 21 13 23-1199	EA	1-1/2" Flange, 150 Lb., Screwed Carbon Steel	93.63	56.04
23 21 13 23-1200	EA	2" Flange, 150 Lb., Screwed Carbon Steel	97.30	58.45
23 21 13 23-1201	EA	1/2" Flange, 300 Lb., Screwed Carbon Steel	77.77	45.47
		For Blind Flange, Deduct	*-29.20*	
		For Ring Type Joint, Add	*9.55*	
23 21 13 23-1202	EA	3/4" Flange, 300 Lb., Screwed Carbon Steel	81.40	47.67
		For Blind Flange, Deduct	*-30.59*	
		For Ring Type Joint, Add	*9.87*	
23 21 13 23-1203	EA	1" Flange, 300 Lb., Screwed Carbon Steel	84.81	49.76
		For Blind Flange, Deduct	*-31.89*	
		For Ring Type Joint, Add	*10.18*	
23 21 13 23-1204	EA	1-1/2" Flange, 300 Lb., Screwed Carbon Steel	95.82	56.04
		For Blind Flange, Deduct	*-35.97*	
		For Ring Type Joint, Add	*11.78*	
23 21 13 23-1205	EA	2" Flange, 300 Lb., Screwed Carbon Steel	99.49	58.45
		For Blind Flange, Deduct	*-37.44*	
		For Ring Type Joint, Add	*11.78*	
23 21 13 23-1206	EA	1/2" Flange, 600 Lb., Screwed Carbon Steel	81.52	45.47
		For Blind Flange, Deduct	*-29.95*	
		For Ring Type Joint, Add	*13.30*	
23 21 13 23-1207	EA	3/4" Flange, 600 Lb., Screwed Carbon Steel	84.83	47.67
		For Blind Flange, Deduct	*-31.27*	
		For Ring Type Joint, Add	*13.30*	
23 21 13 23-1208	EA	1" Flange, 600 Lb., Screwed Carbon Steel	88.54	49.76
		For Blind Flange, Deduct	*-32.63*	
		For Ring Type Joint, Add	*13.91*	
23 21 13 23-1209	EA	1-1/2" Flange, 600 Lb., Screwed Carbon Steel	100.44	56.04
		For Blind Flange, Deduct	*-36.90*	
		For Ring Type Joint, Add	*16.40*	
23 21 13 23-1210	EA	2" Flange, 600 Lb., Screwed Carbon Steel	102.97	58.45
		For Blind Flange, Deduct	*-38.14*	
		For Ring Type Joint, Add	*15.26*	
23 21 13 23-1211		Square Head Plugs, Screwed Carbon Steel *(23 21 13 23-1063)*		
23 21 13 23-1212	EA	1/4" Square Head Plug, Screwed Carbon Steel	5.44	3.08
23 21 13 23-1213	EA	1/2" Square Head Plug, Screwed Carbon Steel	6.53	3.64
23 21 13 23-1214	EA	3/4" Square Head Plug, Screwed Carbon Steel	7.53	4.18
23 21 13 23-1215	EA	1" Square Head Plug, Screwed Carbon Steel	10.99	6.16
23 21 13 23-1216	EA	1-1/2" Square Head Plug, Screwed Carbon Steel	13.21	6.16
23 21 13 23-1217	EA	2" Square Head Plug, Screwed Carbon Steel	18.67	8.04

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1218		**Hex Head Plugs, Screwed Carbon Steel** *(23 21 13 23-1063)*		
23 21 13 23-1219	EA	1/4" Hex Head Plug, Screwed Carbon Steel	5.22	3.08
23 21 13 23-1220	EA	1/2" Hex Head Plug, Screwed Carbon Steel	6.32	3.64
23 21 13 23-1221	EA	3/4" Hex Head Plug, Screwed Carbon Steel	7.39	4.18
23 21 13 23-1222	EA	1" Hex Head Plug, Screwed Carbon Steel	10.87	6.16
23 21 13 23-1223	EA	1-1/2" Hex Head Plug, Screwed Carbon Steel	12.72	6.16
23 21 13 23-1224	EA	2" Hex Head Plug, Screwed Carbon Steel	19.02	8.04
23 21 13 23-1225		**Round Head Plugs, Screwed Carbon Steel** *(23 21 13 23-1063)*		
23 21 13 23-1226	EA	1/4" Round Head Plug, Screwed Carbon Steel	5.94	3.08
23 21 13 23-1227	EA	1/2" Round Head Plug, Screwed Carbon Steel	6.56	3.64
23 21 13 23-1228	EA	3/4" Round Head Plug, Screwed Carbon Steel	7.43	4.18
23 21 13 23-1229	EA	1" Round Head Plug, Screwed Carbon Steel	11.07	6.16
23 21 13 23-1230	EA	1-1/2" Round Head Plug, Screwed Carbon Steel	13.82	6.16
23 21 13 23-1231	EA	2" Round Head Plug, Screwed Carbon Steel	18.88	8.04
23 21 13 23-1232		**Hexagon Bushings, Screwed Carbon Steel** *(23 21 13 23-1063)*		
23 21 13 23-1233	EA	1/4" Hex Bushing, Screwed Carbon Steel	5.38	3.08
23 21 13 23-1234	EA	1/2" Hex Bushing, Screwed Carbon Steel	6.31	3.64
23 21 13 23-1235	EA	3/4" Hex Bushing, Screwed Carbon Steel	7.34	4.18
23 21 13 23-1236	EA	1" Hex Bushing, Screwed Carbon Steel	11.03	6.16
23 21 13 23-1237	EA	1-1/2" Hex Bushing, Screwed Carbon Steel	12.68	6.16
23 21 13 23-1238	EA	2" Hex Bushing, Screwed Carbon Steel	18.51	8.04
23 21 13 23-1239		**90 Degree Street Elbows, Screwed Carbon Steel** *(23 21 13 23-1063)*		
23 21 13 23-1240	EA	1/4" 90 Degree Elbow, 3,000 Lb., Screwed Carbon Steel	33.07	16.74
23 21 13 23-1241	EA	1/2" 90 Degree Elbow, 3,000 Lb., Screwed Carbon Steel	37.97	19.60
23 21 13 23-1242	EA	3/4" 90 Degree Elbow, 3,000 Lb., Screwed Carbon Steel	43.93	21.91
23 21 13 23-1243	EA	1" 90 Degree Elbow, 3,000 Lb., Screwed Carbon Steel	50.86	24.44
23 21 13 23-1244	EA	1-1/2" 90 Degree Elbow, 3,000 Lb., Screwed Carbon Steel	77.16	31.26
23 21 13 23-1245	EA	2" 90 Degree Elbow, 3,000 Lb., Screwed Carbon Steel	102.80	39.74
23 21 13 23-1246	EA	1/2" 90 Degree Elbow, 6,000 Lb., Screwed Carbon Steel	49.51	19.60
23 21 13 23-1247	EA	3/4" 90 Degree Elbow, 6,000 Lb., Screwed Carbon Steel	67.39	21.91
23 21 13 23-1248	EA	1" 90 Degree Elbow, 6,000 Lb., Screwed Carbon Steel	90.12	24.44
23 21 13 23-1249	EA	1-1/2" 90 Degree Elbow, 6,000 Lb., Screwed Carbon Steel	185.14	31.26
23 21 13 23-1250		**Screwed Carbon Steel Laterals** *(23 21 13 23-1063)*		
23 21 13 23-1251	EA	1/2" Lateral, Straight, 3,000 Lb., Screwed Carbon Steel	116.17	24.44
23 21 13 23-1252	EA	3/4" Lateral, Straight, 3,000 Lb., Screwed Carbon Steel	139.09	28.29
23 21 13 23-1253	EA	1" Lateral, Straight, 3,000 Lb., Screwed Carbon Steel	169.59	33.36
23 21 13 23-1254	EA	1-1/2" Lateral, Straight, 3,000 Lb., Screwed Carbon Steel	220.29	47.34
23 21 13 23-1255	EA	2" Lateral, Straight, 3,000 Lb., Screwed Carbon Steel	274.66	58.79
23 21 13 23-1256	EA	1/2" Lateral, Straight, 3,000 Lb., Screwed Carbon Steel	143.12	24.44
23 21 13 23-1257	EA	3/4" Lateral, Straight, 6,000 Lb., Screwed Carbon Steel	179.17	28.29
23 21 13 23-1258	EA	1" Lateral, Straight, 6,000 Lb., Screwed Carbon Steel	212.45	33.36
23 21 13 23-1259	EA	1-1/2" Lateral, Straight, 6,000 Lb., Screwed Carbon Steel	299.08	47.34
23 21 13 23-1260		**Grooved-Joint Pipe** *(23 21 13 23)*		
		Note: Includes grooving of pipe. Excludes hangers, elbow, tee, reducer fitting or couplings.		
23 21 13 23-1261		**Schedule 10 Black Grooved Pipe** *(23 21 13 23-1260)*		
23 21 13 23-1262	LF	2" Black Schedule 10 Grooved Pipe	30.52	13.98
		For Work In Restricted Working Space, Add	*6.28*	
23 21 13 23-1263	LF	2-1/2" Black Schedule 10 Grooved Pipe	41.19	19.16
		For Work In Restricted Working Space, Add	*8.62*	
23 21 13 23-1264	LF	3" Black Schedule 10 Grooved Pipe	46.25	21.25
		For Work In Restricted Working Space, Add	*9.56*	
23 21 13 23-1265	LF	3-1/2" Black Schedule 10 Grooved Pipe	51.48	22.02
		For Work In Restricted Working Space, Add	*9.92*	
23 21 13 23-1266	LF	4" Black Schedule 10 Grooved Pipe	54.67	23.89
		For Work In Restricted Working Space, Add	*10.73*	
23 21 13 23-1267	LF	5" Black Schedule 10 Grooved Pipe	77.04	29.29
		For Work In Restricted Working Space, Add	*13.15*	
23 21 13 23-1268	LF	6" Black Schedule 10 Grooved Pipe	99.47	41.62
		For Work In Restricted Working Space, Add	*18.70*	
23 21 13 23-1269	LF	8" Black Schedule 10 Grooved Pipe	135.52	46.68
		For Work In Restricted Working Space, Add	*20.98*	
23 21 13 23-1270	LF	10" Black Schedule 10 Grooved Pipe	169.80	56.26
		For Work In Restricted Working Space, Add	*25.30*	
23 21 13 23-1271	LF	12" Black Schedule 10 Grooved Pipe	195.85	63.74
		For Work In Restricted Working Space, Add	*28.67*	
23 21 13 23-1272		**Schedule 40 Black Grooved Pipe** *(23 21 13 23-1260)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1273	LF	3/4" Black Schedule 40 Grooved Pipe	18.31	8.48
		For Work In Restricted Working Space, Add	*3.80*	
23 21 13 23-1274	LF	1" Black Schedule 40 Grooved Pipe	20.68	9.58
		For Work In Restricted Working Space, Add	*4.28*	
23 21 13 23-1275	LF	1-1/4" Black Schedule 40 Grooved Pipe	23.49	10.35
		For Work In Restricted Working Space, Add	*4.65*	
23 21 13 23-1276	LF	1-1/2" Black Schedule 40 Grooved Pipe	26.72	11.78
		For Work In Restricted Working Space, Add	*5.29*	
23 21 13 23-1277	LF	2" Black Schedule 40 Grooved Pipe	33.70	14.98
		For Work In Restricted Working Space, Add	*6.75*	
23 21 13 23-1278	LF	2-1/2" Black Schedule 40 Grooved Pipe	46.92	20.48
		For Work In Restricted Working Space, Add	*9.23*	
23 21 13 23-1279	LF	3" Black Schedule 40 Grooved Pipe	55.33	23.34
		For Work In Restricted Working Space, Add	*10.52*	
23 21 13 23-1280	LF	4" Black Schedule 40 Grooved Pipe	67.79	25.98
		For Work In Restricted Working Space, Add	*11.69*	
23 21 13 23-1281	LF	5" Black Schedule 40 Grooved Pipe	93.15	31.59
		For Work In Restricted Working Space, Add	*14.21*	
23 21 13 23-1282	LF	6" Black Schedule 40 Grooved Pipe	125.44	45.57
		For Work In Restricted Working Space, Add	*20.48*	
23 21 13 23-1283	LF	8" Black Schedule 40 Grooved Pipe	166.19	51.64
		For Work In Restricted Working Space, Add	*23.25*	
23 21 13 23-1284	LF	10" Black Schedule 40 Grooved Pipe	228.71	61.65
		For Work In Restricted Working Space, Add	*27.75*	
23 21 13 23-1285	LF	12" Black Schedule 40 Grooved Pipe	269.32	70.79
		For Work In Restricted Working Space, Add	*31.85*	

23 21 13 23-1286 Schedule 80 Black Grooved Pipe *(23 21 13 23-1260)*

23 21 13 23-1287	LF	3/4" Black Schedule 80 Grooved Pipe	20.06	9.25
		For Work In Restricted Working Space, Add	*4.15*	
23 21 13 23-1288	LF	1" Black Schedule 80 Grooved Pipe	22.25	9.80
		For Work In Restricted Working Space, Add	*4.42*	
23 21 13 23-1289	LF	1-1/4" Black Schedule 80 Grooved Pipe	26.10	10.90
		For Work In Restricted Working Space, Add	*4.91*	
23 21 13 23-1290	LF	1-1/2" Black Schedule 80 Grooved Pipe	29.71	12.22
		For Work In Restricted Working Space, Add	*5.51*	
23 21 13 23-1291	LF	2" Black Schedule 80 Grooved Pipe	38.43	15.74
		For Work In Restricted Working Space, Add	*7.10*	
23 21 13 23-1292	LF	2-1/2" Black Schedule 80 Grooved Pipe	54.10	21.68
		For Work In Restricted Working Space, Add	*9.74*	
23 21 13 23-1293	LF	3" Black Schedule 80 Grooved Pipe	64.46	24.33
		For Work In Restricted Working Space, Add	*10.96*	
23 21 13 23-1294	LF	4" Black Schedule 80 Grooved Pipe	80.82	26.53
		For Work In Restricted Working Space, Add	*11.95*	
23 21 13 23-1295	LF	5" Black Schedule 80 Grooved Pipe	123.17	33.36
		For Work In Restricted Working Space, Add	*15.03*	
23 21 13 23-1296	LF	6" Black Schedule 80 Grooved Pipe	160.53	47.78
		For Work In Restricted Working Space, Add	*21.50*	
23 21 13 23-1297	LF	8" Black Schedule 80 Grooved Pipe	239.54	54.61
		For Work In Restricted Working Space, Add	*24.57*	
23 21 13 23-1298	LF	10" Black Schedule 80 Grooved Pipe	298.05	65.95
		For Work In Restricted Working Space, Add	*29.66*	
23 21 13 23-1299	LF	12" Black Schedule 80 Grooved Pipe	314.35	79.71
		For Work In Restricted Working Space, Add	*35.84*	

23 21 13 23-1300 Schedule 40 Galvanized Grooved Pipe *(23 21 13 23-1260)*

23 21 13 23-1301	LF	3/4" Galvanized Schedule 40 Grooved Pipe	18.22	8.48
		For Work In Restricted Working Space, Add	*3.80*	
23 21 13 23-1302	LF	1" Galvanized Schedule 40 Grooved Pipe	21.08	9.58
		For Work In Restricted Working Space, Add	*4.28*	
23 21 13 23-1303	LF	1-1/4" Galvanized Schedule 40 Grooved Pipe	23.45	10.35
		For Work In Restricted Working Space, Add	*4.65*	
23 21 13 23-1304	LF	1-1/2" Galvanized Schedule 40 Grooved Pipe	26.68	11.78
		For Work In Restricted Working Space, Add	*5.29*	
23 21 13 23-1305	LF	2" Galvanized Schedule 40 Grooved Pipe	33.78	14.98
		For Work In Restricted Working Space, Add	*6.75*	
23 21 13 23-1306	LF	2-1/2" Galvanized Schedule 40 Grooved Pipe	47.22	20.48
		For Work In Restricted Working Space, Add	*9.23*	
23 21 13 23-1307	LF	3" Galvanized Schedule 40 Grooved Pipe	55.91	23.34
		For Work In Restricted Working Space, Add	*10.52*	
23 21 13 23-1308	LF	4" Galvanized Schedule 40 Grooved Pipe	68.57	25.98
		For Work In Restricted Working Space, Add	*11.69*	
23 21 13 23-1309	LF	5" Galvanized Schedule 40 Grooved Pipe	95.58	31.59
		For Work In Restricted Working Space, Add	*14.21*	
23 21 13 23-1310	LF	6" Galvanized Schedule 40 Grooved Pipe	129.33	45.57
		For Work In Restricted Working Space, Add	*20.48*	
23 21 13 23-1311	LF	8" Galvanized Schedule 40 Grooved Pipe	170.43	51.64
		For Work In Restricted Working Space, Add	*23.25*	
23 21 13 23-1312	LF	10" Galvanized Schedule 40 Grooved Pipe	238.54	61.65
		For Work In Restricted Working Space, Add	*27.75*	
23 21 13 23-1313	LF	12" Galvanized Schedule 40 Grooved Pipe	281.44	70.79
		For Work In Restricted Working Space, Add	*31.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1314		**Schedule 80 Galvanized Grooved Pipe** *(23 21 13 23-1260)*		
23 21 13 23-1315	LF	3/4" Galvanized Schedule 80 Grooved Pipe	19.59	9.25
		For Work In Restricted Working Space, Add	*4.15*	
23 21 13 23-1316	LF	1" Galvanized Schedule 80 Grooved Pipe	25.19	9.80
		For Work In Restricted Working Space, Add	*4.42*	
23 21 13 23-1317	LF	1-1/4" Galvanized Schedule 80 Grooved Pipe	25.63	10.90
		For Work In Restricted Working Space, Add	*4.91*	
23 21 13 23-1318	LF	1-1/2" Galvanized Schedule 80 Grooved Pipe	33.32	12.99
		For Work In Restricted Working Space, Add	*5.87*	
23 21 13 23-1319	LF	2" Galvanized Schedule 80 Grooved Pipe	37.85	15.74
		For Work In Restricted Working Space, Add	*7.10*	
23 21 13 23-1320	LF	2-1/2" Galvanized Schedule 80 Grooved Pipe	53.47	21.68
		For Work In Restricted Working Space, Add	*9.74*	
23 21 13 23-1321	LF	3" Galvanized Schedule 80 Grooved Pipe	64.05	24.33
		For Work In Restricted Working Space, Add	*10.96*	
23 21 13 23-1322	LF	4" Galvanized Schedule 80 Grooved Pipe	80.00	26.53
		For Work In Restricted Working Space, Add	*11.95*	
23 21 13 23-1323	LF	5" Galvanized Schedule 80 Grooved Pipe	119.44	33.36
		For Work In Restricted Working Space, Add	*15.03*	
23 21 13 23-1324	LF	6" Galvanized Schedule 80 Grooved Pipe	155.52	47.78
		For Work In Restricted Working Space, Add	*21.50*	
23 21 13 23-1325	LF	8" Galvanized Schedule 80 Grooved Pipe	229.92	54.61
		For Work In Restricted Working Space, Add	*24.57*	
23 21 13 23-1326	LF	10" Galvanized Schedule 80 Grooved Pipe	273.78	65.95
		For Work In Restricted Working Space, Add	*29.66*	
23 21 13 23-1327	LF	12" Galvanized Schedule 80 Grooved Pipe	301.62	79.71
		For Work In Restricted Working Space, Add	*35.84*	
23 21 13 23-1328		**Painted Grooved-Joint Pipe Fittings** *(23 21 13 23)*		
		Note: Couplings are not included with fittings.		
23 21 13 23-1329		**Grooved Elbows** *(23 21 13 23-1328)*		
23 21 13 23-1330		**90 Degree Grooved Elbows** *(23 21 13 23-1329)*		
		Note: Victaulic No. 10		
23 21 13 23-1331	EA	3/4", Ductile Iron, Grooved 90 Degree Elbow	78.09	12.00
		For Work In Restricted Working Space, Add	*5.40*	
		For Galvanized Fittings, Add	*19.83*	
23 21 13 23-1332	EA	1", Ductile Iron, Grooved 90 Degree Elbow	78.09	12.00
		For Work In Restricted Working Space, Add	*5.40*	
		For Galvanized Fittings, Add	*19.83*	
23 21 13 23-1333	EA	1-1/4", Ductile Iron, Grooved 90 Degree Elbow	82.59	14.98
		For Work In Restricted Working Space, Add	*6.75*	
		For Galvanized Fittings, Add	*19.83*	
23 21 13 23-1334	EA	1-1/2", Ductile Iron, Grooved 90 Degree Elbow	87.35	18.17
		For Work In Restricted Working Space, Add	*8.18*	
		For Galvanized Fittings, Add	*19.83*	
23 21 13 23-1335	EA	2", Ductile Iron, Grooved 90 Degree Elbow	96.08	24.00
		For Work In Restricted Working Space, Add	*10.79*	
		For Galvanized Fittings, Add	*19.83*	
23 21 13 23-1336	EA	2-1/2", Ductile Iron, Grooved 90 Degree Elbow	103.93	29.29
		For Work In Restricted Working Space, Add	*13.15*	
		For Galvanized Fittings, Add	*19.83*	
23 21 13 23-1337	EA	3", Ductile Iron, Grooved 90 Degree Elbow	159.90	35.45
		For Work In Restricted Working Space, Add	*15.94*	
		For Galvanized Fittings, Add	*35.23*	
23 21 13 23-1338	EA	4", Ductile Iron, Grooved 90 Degree Elbow	186.41	46.79
		For Work In Restricted Working Space, Add	*21.04*	
		For Galvanized Fittings, Add	*38.38*	
23 21 13 23-1339	EA	5", Ductile Iron, Grooved 90 Degree Elbow	370.72	58.45
		For Work In Restricted Working Space, Add	*26.30*	
		For Galvanized Fittings, Add	*93.41*	
23 21 13 23-1340	EA	6", Ductile Iron, Grooved 90 Degree Elbow	443.65	76.51
		For Work In Restricted Working Space, Add	*34.40*	
		For Galvanized Fittings, Add	*108.56*	
23 21 13 23-1341	EA	8", Ductile Iron, Grooved 90 Degree Elbow	828.90	91.05
		For Work In Restricted Working Space, Add	*40.96*	
		For Galvanized Fittings, Add	*228.49*	
23 21 13 23-1342	EA	10", Ductile Iron, Grooved 90 Degree Elbow	1,238.02	106.23
		For Work In Restricted Working Space, Add	*47.78*	
		For Galvanized Fittings, Add	*355.98*	
23 21 13 23-1343	EA	12", Ductile Iron, Grooved 90 Degree Elbow	1,920.17	127.48
		For Work In Restricted Working Space, Add	*57.34*	
		For Galvanized Fittings, Add	*570.58*	
23 21 13 23-1344		**45 Degree Grooved Elbows** *(23 21 13 23-1329)*		
		Note: Victaulic No. 11		
23 21 13 23-1345	EA	3/4", Ductile Iron, Grooved 45 Degree Elbow	78.05	12.00
		For Galvanized Fittings, Add	*14.41*	
		For Work In Restricted Working Space, Add	*5.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1346	EA	1", Ductile Iron, Grooved 45 Degree Elbow	78.05	12.00
		For Galvanized Fittings, Add	*14.41*	
		For Work In Restricted Working Space, Add	*5.40*	
23 21 13 23-1347	EA	1-1/4", Ductile Iron, Grooved 45 Degree Elbow	82.55	14.98
		For Galvanized Fittings, Add	*14.41*	
		For Work In Restricted Working Space, Add	*6.75*	
23 21 13 23-1348	EA	1-1/2", Ductile Iron, Grooved 45 Degree Elbow	87.31	18.17
		For Galvanized Fittings, Add	*14.41*	
		For Work In Restricted Working Space, Add	*8.18*	
23 21 13 23-1349	EA	2", Ductile Iron, Grooved 45 Degree Elbow	96.04	24.00
		For Galvanized Fittings, Add	*14.41*	
		For Work In Restricted Working Space, Add	*10.79*	
23 21 13 23-1350	EA	2-1/2", Ductile Iron, Grooved 45 Degree Elbow	103.89	29.29
		For Galvanized Fittings, Add	*14.41*	
		For Work In Restricted Working Space, Add	*13.15*	
23 21 13 23-1351	EA	3", Ductile Iron, Grooved 45 Degree Elbow	159.86	35.45
		For Galvanized Fittings, Add	*25.62*	
		For Work In Restricted Working Space, Add	*15.94*	
23 21 13 23-1352	EA	4", Ductile Iron, Grooved 45 Degree Elbow	186.41	46.79
		For Galvanized Fittings, Add	*27.91*	
		For Work In Restricted Working Space, Add	*21.04*	
23 21 13 23-1353	EA	5", Ductile Iron, Grooved 45 Degree Elbow	370.72	58.45
		For Galvanized Fittings, Add	*67.94*	
		For Work In Restricted Working Space, Add	*26.30*	
23 21 13 23-1354	EA	6", Ductile Iron, Grooved 45 Degree Elbow	443.65	76.51
		For Galvanized Fittings, Add	*78.96*	
		For Work In Restricted Working Space, Add	*34.40*	
23 21 13 23-1355	EA	8", Ductile Iron, Grooved 45 Degree Elbow	828.90	91.05
		For Galvanized Fittings, Add	*166.17*	
		For Work In Restricted Working Space, Add	*40.96*	
23 21 13 23-1356	EA	10", Ductile Iron, Grooved 45 Degree Elbow	1,238.02	106.23
		For Galvanized Fittings, Add	*258.90*	
		For Work In Restricted Working Space, Add	*47.78*	
23 21 13 23-1357	EA	12", Ductile Iron, Grooved 45 Degree Elbow	1,920.17	127.48
		For Galvanized Fittings, Add	*414.97*	
		For Work In Restricted Working Space, Add	*57.34*	

23 21 13 23-1358 22-1/2 Degree Grooved Elbows *(23 21 13 23-1329)*

Note: Victaulic No. 12

23 21 13 23-1359	EA	1", Ductile Iron, Grooved 22-1/2 Degree Elbow	82.00	12.00
		For Work In Restricted Working Space, Add	*5.40*	
		For Galvanized Fittings, Add	*15.36*	
23 21 13 23-1360	EA	1-1/4", Ductile Iron, Grooved 22-1/2 Degree Elbow	86.50	14.98
		For Work In Restricted Working Space, Add	*6.75*	
		For Galvanized Fittings, Add	*15.36*	
23 21 13 23-1361	EA	1-1/2", Ductile Iron, Grooved 22-1/2 Degree Elbow	91.26	18.17
		For Work In Restricted Working Space, Add	*8.18*	
		For Galvanized Fittings, Add	*15.36*	
23 21 13 23-1362	EA	2", Ductile Iron, Grooved 22-1/2 Degree Elbow	99.99	24.00
		For Work In Restricted Working Space, Add	*10.79*	
		For Galvanized Fittings, Add	*15.36*	
23 21 13 23-1363	EA	2-1/2", Ductile Iron, Grooved 22-1/2 Degree Elbow	107.84	29.29
		For Work In Restricted Working Space, Add	*13.15*	
		For Galvanized Fittings, Add	*15.36*	
23 21 13 23-1364	EA	3", Ductile Iron, Grooved 22-1/2 Degree Elbow	146.76	35.45
		For Work In Restricted Working Space, Add	*15.94*	
		For Galvanized Fittings, Add	*22.47*	
23 21 13 23-1365	EA	4", Ductile Iron, Grooved 22-1/2 Degree Elbow	195.66	46.79
		For Work In Restricted Working Space, Add	*21.04*	
		For Galvanized Fittings, Add	*30.13*	
23 21 13 23-1366	EA	5", Ductile Iron, Grooved 22-1/2 Degree Elbow	476.97	58.45
		For Work In Restricted Working Space, Add	*26.30*	
		For Galvanized Fittings, Add	*93.44*	
23 21 13 23-1367	EA	6", Ductile Iron, Grooved 22-1/2 Degree Elbow	470.32	76.51
		For Work In Restricted Working Space, Add	*34.40*	
		For Galvanized Fittings, Add	*85.36*	
23 21 13 23-1368	EA	8", Ductile Iron, Grooved 22-1/2 Degree Elbow	880.66	91.05
		For Work In Restricted Working Space, Add	*40.96*	
		For Galvanized Fittings, Add	*178.59*	
23 21 13 23-1369	EA	10", Steel, Grooved 22-1/2 Degree Elbow	1,180.90	106.23
		For Work In Restricted Working Space, Add	*47.78*	
		For Galvanized Fittings, Add	*245.19*	
23 21 13 23-1370	EA	12", Steel, Grooved 22-1/2 Degree Elbow	1,572.27	127.48
		For Work In Restricted Working Space, Add	*57.34*	
		For Galvanized Fittings, Add	*331.47*	

23 21 13 23-1371 11-1/4 Degree Grooved Elbows *(23 21 13 23-1329)*

Note: Victaulic No. 13

23 21 13 23-1372	EA	1", Ductile Iron, Grooved 11-1/4 Degree Elbow	82.00	12.00
		For Work In Restricted Working Space, Add	*5.40*	
		For Galvanized Fittings, Add	*15.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1373	EA	1-1/4", Ductile Iron, Grooved 11-1/4 Degree Elbow	86.50	14.98
		For Work In Restricted Working Space, Add	*6.75*	
		For Galvanized Fittings, Add	*15.36*	
23 21 13 23-1374	EA	1-1/2", Ductile Iron, Grooved 11-1/4 Degree Elbow	91.26	18.17
		For Work In Restricted Working Space, Add	*8.18*	
		For Galvanized Fittings, Add	*15.36*	
23 21 13 23-1375	EA	2", Ductile Iron, Grooved 11-1/4 Degree Elbow	99.99	24.00
		For Work In Restricted Working Space, Add	*10.79*	
		For Galvanized Fittings, Add	*15.36*	
23 21 13 23-1376	EA	2-1/2", Ductile Iron, Grooved 11-1/4 Degree Elbow	107.84	29.29
		For Work In Restricted Working Space, Add	*13.15*	
		For Galvanized Fittings, Add	*15.36*	
23 21 13 23-1377	EA	3", Ductile Iron, Grooved 11-1/4 Degree Elbow	146.75	35.45
		For Work In Restricted Working Space, Add	*15.94*	
		For Galvanized Fittings, Add	*22.47*	
23 21 13 23-1378	EA	4", Ductile Iron, Grooved 11-1/4 Degree Elbow	195.65	46.79
		For Work In Restricted Working Space, Add	*21.04*	
		For Galvanized Fittings, Add	*30.13*	
23 21 13 23-1379	EA	5", Ductile Iron, Grooved 11-1/4 Degree Elbow	476.95	58.45
		For Work In Restricted Working Space, Add	*26.30*	
		For Galvanized Fittings, Add	*93.43*	
23 21 13 23-1380	EA	6", Ductile Iron, Grooved 11-1/4 Degree Elbow	470.31	76.51
		For Work In Restricted Working Space, Add	*34.40*	
		For Galvanized Fittings, Add	*85.35*	
23 21 13 23-1381	EA	8", Ductile Iron, Grooved 11-1/4 Degree Elbow	880.62	91.05
		For Work In Restricted Working Space, Add	*40.96*	
		For Galvanized Fittings, Add	*178.58*	
23 21 13 23-1382	EA	10", Steel, Grooved 11-1/4 Degree Elbow	1,180.84	106.23
		For Work In Restricted Working Space, Add	*47.78*	
		For Galvanized Fittings, Add	*245.17*	
23 21 13 23-1383	EA	12", Steel, Grooved 11-1/4 Degree Elbow	1,572.19	127.48
		For Work In Restricted Working Space, Add	*57.34*	
		For Galvanized Fittings, Add	*331.45*	

23 21 13 23-1384 90 Degree Grooved Long Radius Elbows *(23 21 13 23-1329)*

Note: Victaulic No. 100

23 21 13 23-1385	EA	2", Ductile Iron, Grooved 90 Degree Long Radius Elbow	173.38	24.00
		For Work In Restricted Working Space, Add	*10.79*	
		For Galvanized Fittings, Add	*32.98*	
23 21 13 23-1386	EA	2-1/2", Ductile Iron, Grooved 90 Degree Long Radius Elbow	442.52	29.29
		For Work In Restricted Working Space, Add	*13.15*	
		For Galvanized Fittings, Add	*95.69*	
23 21 13 23-1387	EA	3", Ductile Iron, Grooved 90 Degree Long Radius Elbow	190.53	35.45
		For Work In Restricted Working Space, Add	*15.94*	
		For Galvanized Fittings, Add	*32.98*	
23 21 13 23-1388	EA	4", Ductile Iron, Grooved 90 Degree Long Radius Elbow	275.95	46.79
		For Work In Restricted Working Space, Add	*21.04*	
		For Galvanized Fittings, Add	*49.40*	
23 21 13 23-1389	EA	5", Ductile Iron, Grooved 90 Degree Long Radius Elbow	1,142.63	58.45
		For Work In Restricted Working Space, Add	*26.30*	
		For Galvanized Fittings, Add	*253.20*	
23 21 13 23-1390	EA	6", Ductile Iron, Grooved 90 Degree Long Radius Elbow	716.79	76.51
		For Work In Restricted Working Space, Add	*34.40*	
		For Galvanized Fittings, Add	*144.51*	
23 21 13 23-1391	EA	8", Ductile Iron, Grooved, 90 Degree Long Radius Elbow	1,580.81	91.05
		For Work In Restricted Working Space, Add	*40.96*	
		For Galvanized Fittings, Add	*346.63*	
23 21 13 23-1392	EA	10", Ductile Iron, Grooved 90 Degree Long Radius Elbow	3,153.89	106.23
		For Work In Restricted Working Space, Add	*47.78*	
		For Galvanized Fittings, Add	*718.71*	
23 21 13 23-1393	EA	12", Ductile Iron, Grooved 90 Degree Long Radius Elbow	3,762.21	127.48
		For Work In Restricted Working Space, Add	*57.34*	
		For Galvanized Fittings, Add	*857.06*	

23 21 13 23-1394 Grooved Tees, Wyes And Crosses *(23 21 13 23-1328)*

23 21 13 23-1395 Grooved Tees *(23 21 13 23-1394)*

Note: Victaulic No. 20

23 21 13 23-1396	EA	3/4", Ductile Iron, Grooved Tee	115.51	15.74
		For Work In Restricted Working Space, Add	*7.10*	
		For Galvanized Fittings, Add	*27.55*	
23 21 13 23-1397	EA	1", Ductile Iron, Grooved Tee	119.09	18.17
		For Work In Restricted Working Space, Add	*8.18*	
		For Galvanized Fittings, Add	*27.55*	
23 21 13 23-1398	EA	1-1/4", Ductile Iron, Grooved Tee	125.16	22.24
		For Work In Restricted Working Space, Add	*10.00*	
		For Galvanized Fittings, Add	*27.55*	
23 21 13 23-1399	EA	1-1/2", Ductile Iron, Grooved Tee	132.72	27.30
		For Work In Restricted Working Space, Add	*12.26*	
		For Galvanized Fittings, Add	*27.55*	
23 21 13 23-1400	EA	2", Ductile Iron, Grooved Tee	144.75	35.34
		For Work In Restricted Working Space, Add	*15.87*	
		For Galvanized Fittings, Add	*27.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1401	EA	2-1/2", Ductile Iron, Grooved Tee	156.77	43.27
		For Work In Restricted Working Space, Add	*19.48*	
		For Galvanized Fittings, Add	*27.55*	
23 21 13 23-1402	EA	3", Ductile Iron, Grooved Tee	208.33	53.18
		For Work In Restricted Working Space, Add	*23.90*	
		For Galvanized Fittings, Add	*38.60*	
23 21 13 23-1403	EA	4", Ductile Iron, Grooved Tee	300.46	68.81
		For Work In Restricted Working Space, Add	*30.94*	
		For Galvanized Fittings, Add	*59.20*	
23 21 13 23-1404	EA	5", Ductile Iron, Grooved Tee	597.84	89.95
		For Work In Restricted Working Space, Add	*40.46*	
		For Galvanized Fittings, Add	*138.90*	
23 21 13 23-1405	EA	6", Ductile Iron, Grooved Tee	703.74	112.52
		For Work In Restricted Working Space, Add	*50.60*	
		For Galvanized Fittings, Add	*160.53*	
23 21 13 23-1406	EA	8", Ductile Iron, Grooved Tee	1,373.63	136.62
		For Work In Restricted Working Space, Add	*61.43*	
		For Galvanized Fittings, Add	*350.66*	
23 21 13 23-1407	EA	10", Ductile Iron, Grooved Tee	2,326.14	159.30
		For Work In Restricted Working Space, Add	*71.67*	
		For Galvanized Fittings, Add	*626.17*	
23 21 13 23-1408	EA	12", Ductile Iron, Grooved Tee	3,208.81	191.23
		For Work In Restricted Working Space, Add	*86.01*	
		For Galvanized Fittings, Add	*876.64*	

23 21 13 23-1409 Grooved Wyes (90 Degree True Wye) *(23 21 13 23-1394)*

Note: Victaulic No. 33

23 21 13 23-1410	EA	1", Steel, Grooved Wye	414.74	18.17
		For Work In Restricted Working Space, Add	*8.18*	
		For Galvanized Fittings, Add	*62.00*	
23 21 13 23-1411	EA	1-1/4", Steel, Grooved Wye	420.81	22.24
		For Work In Restricted Working Space, Add	*10.00*	
		For Galvanized Fittings, Add	*62.00*	
23 21 13 23-1412	EA	1-1/2", Steel, Grooved Wye	428.37	27.30
		For Work In Restricted Working Space, Add	*12.26*	
		For Galvanized Fittings, Add	*62.00*	
23 21 13 23-1413	EA	2", Steel, Grooved Wye	440.40	35.34
		For Work In Restricted Working Space, Add	*15.87*	
		For Galvanized Fittings, Add	*62.00*	
23 21 13 23-1414	EA	2-1/2", Steel, Grooved Wye	452.42	43.27
		For Work In Restricted Working Space, Add	*19.48*	
		For Galvanized Fittings, Add	*62.00*	
23 21 13 23-1415	EA	3", Steel, Grooved Wye	542.87	53.18
		For Work In Restricted Working Space, Add	*23.90*	
		For Galvanized Fittings, Add	*74.11*	
23 21 13 23-1416	EA	4", Steel, Grooved Wye	709.81	68.81
		For Work In Restricted Working Space, Add	*30.94*	
		For Galvanized Fittings, Add	*97.07*	
23 21 13 23-1417	EA	5", Steel, Grooved Wye	1,004.45	89.95
		For Work In Restricted Working Space, Add	*40.46*	
		For Galvanized Fittings, Add	*139.14*	
23 21 13 23-1418	EA	6", Steel, Grooved Wye	1,244.60	112.52
		For Work In Restricted Working Space, Add	*50.60*	
		For Galvanized Fittings, Add	*172.15*	
23 21 13 23-1419	EA	8", Steel, Grooved Wye	1,754.44	136.62
		For Work In Restricted Working Space, Add	*61.43*	
		For Galvanized Fittings, Add	*247.95*	
23 21 13 23-1420	EA	10", Steel, Grooved Wye	2,913.60	159.30
		For Work In Restricted Working Space, Add	*71.67*	
		For Galvanized Fittings, Add	*427.95*	
23 21 13 23-1421	EA	12", Steel, Grooved Wye	3,241.60	191.23
		For Work In Restricted Working Space, Add	*86.01*	
		For Galvanized Fittings, Add	*472.79*	

23 21 13 23-1422 Grooved Reducing Tees *(23 21 13 23-1394)*

Note: Victaulic No. 25

23 21 13 23-1423	EA	1", Steel, Grooved Reducing Tee	204.45	18.17
		For Work In Restricted Working Space, Add	*8.18*	
		For Galvanized Fittings, Add	*35.44*	
23 21 13 23-1424	EA	1-1/4", Steel, Grooved Reducing Tee	216.09	22.24
		For Work In Restricted Working Space, Add	*10.00*	
		For Galvanized Fittings, Add	*36.55*	
23 21 13 23-1425	EA	1-1/2", Steel, Grooved Reducing Tee	228.20	27.30
		For Work In Restricted Working Space, Add	*12.26*	
		For Galvanized Fittings, Add	*37.46*	
23 21 13 23-1426	EA	2", Steel, Grooved Reducing Tee	272.21	35.34
		For Work In Restricted Working Space, Add	*15.87*	
		For Galvanized Fittings, Add	*43.86*	
23 21 13 23-1427	EA	2-1/2", Steel, Grooved Reducing Tee	306.79	43.27
		For Work In Restricted Working Space, Add	*19.48*	
		For Galvanized Fittings, Add	*48.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1428	EA	3", Steel, Grooved Reducing Tee	344.42	53.18
		For Work In Restricted Working Space, Add	*23.90*	
		For Galvanized Fittings, Add	*52.95*	
23 21 13 23-1429	EA	4", Steel, Grooved Reducing Tee	460.15	68.81
		For Work In Restricted Working Space, Add	*30.94*	
		For Galvanized Fittings, Add	*71.41*	
23 21 13 23-1430	EA	5", Steel, Grooved Reducing Tee	606.28	89.95
		For Work In Restricted Working Space, Add	*40.46*	
		For Galvanized Fittings, Add	*94.29*	
23 21 13 23-1431	EA	6", Steel, Grooved Reducing Tee	831.84	112.52
		For Work In Restricted Working Space, Add	*50.60*	
		For Galvanized Fittings, Add	*132.64*	
23 21 13 23-1432	EA	8", Steel, Grooved Reducing Tee	1,299.05	136.62
		For Work In Restricted Working Space, Add	*61.43*	
		For Galvanized Fittings, Add	*218.85*	
23 21 13 23-1433	EA	10", Steel, Grooved Reducing Tee	1,852.08	159.30
		For Work In Restricted Working Space, Add	*71.67*	
		For Galvanized Fittings, Add	*322.63*	
23 21 13 23-1434	EA	12", Steel, Grooved Reducing Tee	2,666.39	191.23
		For Work In Restricted Working Space, Add	*86.01*	
		For Galvanized Fittings, Add	*475.94*	

23 21 13 23-1435 Grooved 45 Degree Lateral Wyes *(23 21 13 23-1394)*

Note: Victaulic No. 30

23 21 13 23-1436	EA	3/4", Steel, Grooved, 45 Degree Lateral Wye	390.63	15.74
		For Galvanized Fittings, Add	*66.05*	
		For Work In Restricted Working Space, Add	*7.10*	
23 21 13 23-1437	EA	1", Steel, Grooved, 45 Degree Lateral Wye	394.21	18.17
		For Galvanized Fittings, Add	*66.05*	
		For Work In Restricted Working Space, Add	*8.18*	
23 21 13 23-1438	EA	1-1/4", Steel, Grooved, 45 Degree Lateral Wye	400.28	22.24
		For Galvanized Fittings, Add	*66.05*	
		For Work In Restricted Working Space, Add	*10.00*	
23 21 13 23-1439	EA	1-1/2", Steel, Grooved, 45 Degree Lateral Wye	407.84	27.30
		For Galvanized Fittings, Add	*66.05*	
		For Work In Restricted Working Space, Add	*12.26*	
23 21 13 23-1440	EA	2", Steel, Grooved, 45 Degree Lateral Wye	419.87	35.34
		For Galvanized Fittings, Add	*66.05*	
		For Work In Restricted Working Space, Add	*15.87*	
23 21 13 23-1441	EA	2-1/2", Steel, Grooved, 45 Degree Lateral Wye	431.89	43.27
		For Galvanized Fittings, Add	*66.05*	
		For Work In Restricted Working Space, Add	*19.48*	
23 21 13 23-1442	EA	3", Steel, Grooved, 45 Degree Lateral Wye	396.70	53.18
		For Galvanized Fittings, Add	*57.06*	
		For Work In Restricted Working Space, Add	*23.90*	
23 21 13 23-1443	EA	3-1/2", Steel, Grooved, 45 Degree Lateral Wye	628.96	61.32
		For Galvanized Fittings, Add	*96.68*	
		For Work In Restricted Working Space, Add	*27.56*	
23 21 13 23-1444	EA	4", Steel, Grooved, 45 Degree Lateral Wye	728.33	68.81
		For Galvanized Fittings, Add	*112.54*	
		For Work In Restricted Working Space, Add	*30.94*	
23 21 13 23-1445	EA	5", Steel, Grooved, 45 Degree Lateral Wye	1,048.57	89.95
		For Galvanized Fittings, Add	*164.47*	
		For Work In Restricted Working Space, Add	*40.46*	
23 21 13 23-1446	EA	6", Steel, Grooved, 45 Degree Lateral Wye	1,640.80	112.52
		For Galvanized Fittings, Add	*264.99*	
		For Work In Restricted Working Space, Add	*50.60*	
23 21 13 23-1447	EA	8", Steel, Grooved, 45 Degree Lateral Wye	2,325.22	136.62
		For Galvanized Fittings, Add	*381.68*	
		For Work In Restricted Working Space, Add	*61.43*	
23 21 13 23-1448	EA	10", Steel, Grooved, 45 Degree Lateral Wye	3,231.87	159.30
		For Galvanized Fittings, Add	*538.73*	
		For Work In Restricted Working Space, Add	*71.67*	
23 21 13 23-1449	EA	12", Steel, Grooved, 45 Degree Lateral Wye	3,905.31	191.23
		For Galvanized Fittings, Add	*651.35*	
		For Work In Restricted Working Space, Add	*86.01*	

23 21 13 23-1450 Grooved 45 Degree Lateral Reducing Wyes *(23 21 13 23-1394)*

Note: Victaulic No. 30R

23 21 13 23-1451	EA	3", Steel, Grooved 45 Degree Lateral Reducing Wye	396.70	53.18
		For Work In Restricted Working Space, Add	*23.90*	
		For Galvanized Fittings, Add	*41.21*	
23 21 13 23-1452	EA	4", Steel, Grooved 45 Degree Lateral Reducing Wye	728.33	68.81
		For Work In Restricted Working Space, Add	*30.94*	
		For Galvanized Fittings, Add	*81.28*	
23 21 13 23-1453	EA	5", Steel, Grooved 45 Degree Lateral Reducing Wye	1,048.57	89.95
		For Work In Restricted Working Space, Add	*40.46*	
		For Galvanized Fittings, Add	*118.78*	
23 21 13 23-1454	EA	6", Steel, Grooved 45 Degree Lateral Reducing Wye	1,349.17	112.52
		For Work In Restricted Working Space, Add	*50.60*	
		For Galvanized Fittings, Add	*153.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1455	EA	8", Steel, Grooved 45 Degree Lateral Reducing Wye	1,908.97	136.62
		For Work In Restricted Working Space, Add	*61.43*	
		For Galvanized Fittings, Add	*221.54*	
23 21 13 23-1456	EA	10", Steel, Grooved 45 Degree Lateral Reducing Wye	2,326.06	159.30
		For Work In Restricted Working Space, Add	*71.67*	
		For Galvanized Fittings, Add	*271.33*	
23 21 13 23-1457	EA	12", Steel, Grooved 45 Degree Lateral Reducing Wye	2,823.09	191.23
		For Work In Restricted Working Space, Add	*86.01*	
		For Galvanized Fittings, Add	*329.73*	

23 21 13 23-1458 Mechanical-T Outlet *(23 21 13 23-1394)*

Note: Includes making opening in pipe. Grooved or treaded branch outlets. Victaulic Styles 920 or 921.

23 21 13 23-1459	EA	2" x 3/4" Mechanical-T Outlet With Threaded Branch Outlet	140.29	39.63
		For Galvanized Fittings, Add	*15.14*	
		For Work In Restricted Working Space, Add	*23.78*	
23 21 13 23-1460	EA	2" x 1" Mechanical-T Outlet With Threaded Branch Outlet	140.29	39.63
		For Galvanized Fittings, Add	*15.14*	
		For Work In Restricted Working Space, Add	*23.78*	
23 21 13 23-1461	EA	2" x 1-1/4" Mechanical-T Outlet With Threaded Branch Outlet	149.81	39.63
		For Galvanized Fittings, Add	*17.50*	
		For Work In Restricted Working Space, Add	*23.78*	
23 21 13 23-1462	EA	2" x 1-1/2" Mechanical-T Outlet With Threaded Branch Outlet	149.81	39.63
		For Work In Restricted Working Space, Add	*23.78*	
23 21 13 23-1463	EA	2-1/2" x 3/4" Mechanical-T Outlet With Threaded Branch Outlet	150.20	44.59
		For Work In Restricted Working Space, Add	*26.75*	
23 21 13 23-1464	EA	2-1/2" x 1" Mechanical-T Outlet With Threaded Branch Outlet	150.20	44.59
		For Work In Restricted Working Space, Add	*26.75*	
23 21 13 23-1465	EA	2-1/2" x 1-1/4" Mechanical-T Outlet With Threaded Branch Outlet	175.35	44.59
		For Work In Restricted Working Space, Add	*26.75*	
23 21 13 23-1466	EA	3" x 3/4" Mechanical-T Outlet With Threaded Branch Outlet	169.35	49.54
		For Work In Restricted Working Space, Add	*29.72*	
23 21 13 23-1467	EA	3" x 1" Mechanical-T Outlet With Threaded Branch Outlet	169.35	49.54
		For Work In Restricted Working Space, Add	*29.72*	
23 21 13 23-1468	EA	3" x 1-1/4" Mechanical-T Outlet With Threaded Branch Outlet	189.60	49.54
		For Work In Restricted Working Space, Add	*29.72*	
23 21 13 23-1469	EA	3" x 1-1/2" Mechanical-T Outlet With Threaded Branch Outlet	189.60	49.54
		For Work In Restricted Working Space, Add	*29.72*	
23 21 13 23-1470	EA	3" x 2" Mechanical-T Outlet With Threaded Branch Outlet	203.47	49.54
		For Work In Restricted Working Space, Add	*29.72*	
23 21 13 23-1471	EA	4" x 3/4" Mechanical-T Outlet With Threaded Branch Outlet	221.71	66.06
		For Work In Restricted Working Space, Add	*39.63*	
23 21 13 23-1472	EA	4" x 1" Mechanical-T Outlet With Threaded Branch Outlet	221.71	66.06
		For Work In Restricted Working Space, Add	*39.63*	
23 21 13 23-1473	EA	4" x 1-1/4" Mechanical-T Outlet With Threaded Branch Outlet	237.52	66.06
		For Work In Restricted Working Space, Add	*39.63*	
23 21 13 23-1474	EA	4" x 1-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet	241.96	66.06
		For Work In Restricted Working Space, Add	*39.63*	
23 21 13 23-1475	EA	4" x 2" Mechanical-T Outlet With Threaded Or Grooved Outlet	241.96	66.06
		For Work In Restricted Working Space, Add	*39.63*	
23 21 13 23-1476	EA	4" x 2-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet	246.40	66.06
		For Work In Restricted Working Space, Add	*39.63*	
23 21 13 23-1477	EA	4" x 3" Mechanical-T Outlet With Threaded Or Grooved Outlet	254.90	66.06
		For Work In Restricted Working Space, Add	*39.63*	
23 21 13 23-1478	EA	5" x 1-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet	316.55	90.82
		For Work In Restricted Working Space, Add	*54.50*	
23 21 13 23-1479	EA	5" x 2" Mechanical-T Outlet With Threaded Or Grooved Outlet	316.55	90.82
		For Work In Restricted Working Space, Add	*54.50*	
23 21 13 23-1480	EA	5" x 2-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet	324.23	90.82
		For Work In Restricted Working Space, Add	*54.50*	
23 21 13 23-1481	EA	5" x 3" Mechanical-T Outlet With Threaded Or Grooved Outlet	333.85	90.82
		For Work In Restricted Working Space, Add	*54.50*	
23 21 13 23-1482	EA	6" x 1-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet	369.24	115.60
		For Work In Restricted Working Space, Add	*69.36*	
23 21 13 23-1483	EA	6" x 2" Mechanical-T Outlet With Threaded Or Grooved Outlet	369.24	115.60
		For Work In Restricted Working Space, Add	*69.36*	
23 21 13 23-1484	EA	6" x 2-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet	380.52	115.60
		For Work In Restricted Working Space, Add	*69.36*	
23 21 13 23-1485	EA	6" x 3" Mechanical-T Outlet With Threaded Or Grooved Outlet	390.04	115.60
		For Work In Restricted Working Space, Add	*69.36*	
23 21 13 23-1486	EA	6" x 4" Mechanical-T Outlet With Threaded Or Grooved Outlet	406.96	115.60
		For Work In Restricted Working Space, Add	*69.36*	
23 21 13 23-1487	EA	8" x 2" Mechanical-T Outlet With Threaded Or Grooved Outlet	550.34	153.02
		For Work In Restricted Working Space, Add	*91.82*	
23 21 13 23-1488	EA	8" x 2-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet	550.34	153.02
		For Work In Restricted Working Space, Add	*91.82*	
23 21 13 23-1489	EA	8" x 3" Mechanical-T Outlet With Threaded Or Grooved Outlet	563.93	153.02
		For Work In Restricted Working Space, Add	*91.82*	
23 21 13 23-1490	EA	8" x 4" Mechanical-T Outlet With Threaded Or Grooved Outlet	571.98	153.02
		For Work In Restricted Working Space, Add	*91.82*	

23 21 13 23-1491 Installation-Ready™ Grooved Fittings *(23 21 13 23-1328)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1492		**Installation-Ready™ 90 Degree Grooved Elbows** *(23 21 13 23-1491)*		
		Note: Victaulic No. 101		
23 21 13 23-1493	EA	1-1/4" Ductile Iron, Grooved, Installation-Ready™ 90 Degree Elbow	271.45	10.90
		For Work In Restricted Working Space, Add	*4.96*	
		For Galvanized Fittings, Add	*84.13*	
		For Galvanized Fittings, Add	*65.26*	
23 21 13 23-1494	EA	1-1/2" Ductile Iron, Grooved, Installation-Ready™ 90 Degree Elbow	282.25	13.08
		For Work In Restricted Working Space, Add	*5.95*	
		For Galvanized Fittings, Add	*86.60*	
		For Galvanized Fittings, Add	*67.18*	
23 21 13 23-1495	EA	2" Ductile Iron, Grooved, Installation-Ready™ 90 Degree Elbow	290.73	17.43
		For Work In Restricted Working Space, Add	*7.93*	
		For Galvanized Fittings, Add	*87.22*	
		For Galvanized Fittings, Add	*67.66*	
23 21 13 23-1496	EA	2-1/2" Ductile Iron, Grooved, Installation-Ready™ 90 Degree Elbow	351.69	21.79
		For Work In Restricted Working Space, Add	*9.91*	
		For Galvanized Fittings, Add	*105.16*	
		For Galvanized Fittings, Add	*81.58*	
23 21 13 23-1497		**Installation-Ready™ 45 Degree Grooved Elbows** *(23 21 13 23-1491)*		
		Note: Victaulic No. 103		
23 21 13 23-1498	EA	1-1/4" Ductile Iron, Grooved, Installation-Ready™ 45 Degree Elbow	271.45	10.90
		For Galvanized Fittings, Add	*61.18*	
		For Work In Restricted Working Space, Add	*4.96*	
		For Galvanized Fittings, Add	*65.26*	
23 21 13 23-1499	EA	1-1/2" Ductile Iron, Grooved, Installation-Ready™ 45 Degree Elbow	282.25	13.08
		For Galvanized Fittings, Add	*62.98*	
		For Work In Restricted Working Space, Add	*5.95*	
		For Galvanized Fittings, Add	*67.18*	
23 21 13 23-1500	EA	2" Ductile Iron, Grooved, Installation-Ready™ 45 Degree Elbow	290.73	17.43
		For Galvanized Fittings, Add	*63.43*	
		For Work In Restricted Working Space, Add	*7.93*	
		For Galvanized Fittings, Add	*67.66*	
23 21 13 23-1501	EA	2-1/2" Ductile Iron, Grooved, Installation-Ready™ 45 Degree Elbow	351.69	21.79
		For Galvanized Fittings, Add	*76.48*	
		For Work In Restricted Working Space, Add	*9.91*	
		For Galvanized Fittings, Add	*81.58*	
23 21 13 23-1502		**Installation-Ready™ Grooved Tees** *(23 21 13 23-1491)*		
		Note: Victaulic No. 102		
23 21 13 23-1503	EA	1-1/4" Ductile Iron, Grooved, Installation-Ready™ Tee	415.67	14.53
		For Work In Restricted Working Space, Add	*6.61*	
		For Galvanized Fittings, Add	*118.10*	
		For Galvanized Fittings, Add	*100.77*	
23 21 13 23-1504	EA	1-1/2" Ductile Iron, Grooved, Installation-Ready™ Tee	433.19	17.43
		For Work In Restricted Working Space, Add	*7.93*	
		For Galvanized Fittings, Add	*122.03*	
		For Galvanized Fittings, Add	*104.13*	
23 21 13 23-1505	EA	2" Ductile Iron, Grooved, Installation-Ready™ Tee	447.62	23.25
		For Work In Restricted Working Space, Add	*10.57*	
		For Galvanized Fittings, Add	*123.72*	
		For Galvanized Fittings, Add	*105.57*	
23 21 13 23-1506	EA	2-1/2" Ductile Iron, Grooved, Installation-Ready™ Tee	520.16	29.07
		For Work In Restricted Working Space, Add	*13.21*	
		For Galvanized Fittings, Add	*142.84*	
		For Galvanized Fittings, Add	*121.89*	
23 21 13 23-1507		**Grooved Fittings** *(23 21 13 23-1328)*		
23 21 13 23-1508		**Flanged Adapter Nipple, Grooved** *(23 21 13 23-1507)*		
		Note: Victaulic No. 41 and 45		
23 21 13 23-1509	EA	1" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	278.07	13.21
		For 300 Lb. Rating, Add	*38.74*	
		For Galvanized Fittings, Add	*46.49*	
		For Work In Restricted Working Space, Add	*5.95*	
23 21 13 23-1510	EA	1-1/4" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	280.27	14.64
		For 300 Lb. Rating, Add	*38.74*	
		For Galvanized Fittings, Add	*46.49*	
		For Work In Restricted Working Space, Add	*6.61*	
23 21 13 23-1511	EA	1-1/2" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	285.78	18.38
		For 300 Lb. Rating, Add	*38.74*	
		For Galvanized Fittings, Add	*46.49*	
		For Work In Restricted Working Space, Add	*8.26*	
23 21 13 23-1512	EA	2" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	297.36	26.09
		For 300 Lb. Rating, Add	*38.74*	
		For Galvanized Fittings, Add	*46.49*	
		For Work In Restricted Working Space, Add	*11.73*	
23 21 13 23-1513	EA	2-1/2" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	305.63	31.59
		For 300 Lb. Rating, Add	*38.74*	
		For Galvanized Fittings, Add	*46.49*	
		For Work In Restricted Working Space, Add	*14.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1514	EA	3" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	387.00	37.76
		For 300 Lb. Rating, Add	*49.57*	
		For Galvanized Fittings, Add	*59.48*	
		For Work In Restricted Working Space, Add	*16.97*	
23 21 13 23-1515	EA	4" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	470.31	50.86
		For 300 Lb. Rating, Add	*59.11*	
		For Galvanized Fittings, Add	*70.94*	
		For Work In Restricted Working Space, Add	*22.87*	
23 21 13 23-1516	EA	5" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	655.39	61.54
		For 300 Lb. Rating, Add	*84.47*	
		For Galvanized Fittings, Add	*101.36*	
		For Work In Restricted Working Space, Add	*27.68*	
23 21 13 23-1517	EA	6" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	767.15	83.12
		For 300 Lb. Rating, Add	*96.38*	
		For Galvanized Fittings, Add	*115.65*	
		For Work In Restricted Working Space, Add	*37.40*	
23 21 13 23-1518	EA	8" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	1,055.51	112.52
		For 300 Lb. Rating, Add	*133.03*	
		For Galvanized Fittings, Add	*159.63*	
		For Work In Restricted Working Space, Add	*50.60*	
23 21 13 23-1519	EA	10" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	1,652.01	136.62
		For 300 Lb. Rating, Add	*217.08*	
		For Galvanized Fittings, Add	*260.50*	
		For Work In Restricted Working Space, Add	*61.43*	
23 21 13 23-1520	EA	12" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	2,217.72	159.30
		For 300 Lb. Rating, Add	*296.82*	
		For Galvanized Fittings, Add	*356.19*	
		For Work In Restricted Working Space, Add	*71.67*	

23 21 13 23-1521 Grooved Concentric Reducers *(23 21 13 23-1507)*

Note: Victaulic No. 50

23 21 13 23-1522	EA	1-1/4" x 3/4", Grooved Concentric Reducer	295.27	13.21
		For Galvanized Fittings, Add	*12.12*	
		For Work In Restricted Working Space, Add	*5.95*	
23 21 13 23-1523	EA	1-1/4" x 1", Grooved Concentric Reducer	308.78	13.98
		For Galvanized Fittings, Add	*12.67*	
		For Work In Restricted Working Space, Add	*6.28*	
23 21 13 23-1524	EA	1-1/2" x 3/4", Grooved Concentric Reducer	347.68	15.09
		For Galvanized Fittings, Add	*39.08*	
		For Work In Restricted Working Space, Add	*6.77*	
23 21 13 23-1525	EA	1-1/2" x 1", Grooved Concentric Reducer	93.29	15.74
		For Galvanized Fittings, Add	*8.37*	
		For Work In Restricted Working Space, Add	*7.10*	
23 21 13 23-1526	EA	1-1/2" x 1-1/4", Grooved Concentric Reducer	294.25	16.52
		For Galvanized Fittings, Add	*32.39*	
		For Work In Restricted Working Space, Add	*7.43*	
23 21 13 23-1527	EA	2" x 3/4", Grooved Concentric Reducer	96.59	17.95
		For Galvanized Fittings, Add	*8.37*	
		For Work In Restricted Working Space, Add	*8.09*	
23 21 13 23-1528	EA	2" x 1", Grooved Concentric Reducer	97.69	18.71
		For Galvanized Fittings, Add	*8.37*	
		For Work In Restricted Working Space, Add	*8.42*	
23 21 13 23-1529	EA	2" x 1-1/4", Grooved Concentric Reducer	105.79	19.49
		For Galvanized Fittings, Add	*9.21*	
		For Work In Restricted Working Space, Add	*8.75*	
23 21 13 23-1530	EA	2" x 1-1/2", Grooved Concentric Reducer	102.16	21.68
		For Galvanized Fittings, Add	*8.37*	
		For Work In Restricted Working Space, Add	*9.76*	
23 21 13 23-1531	EA	2-1/2" x 3/4", Grooved Concentric Reducer	597.00	20.25
		For Galvanized Fittings, Add	*68.11*	
		For Work In Restricted Working Space, Add	*9.11*	
23 21 13 23-1532	EA	2-1/2" x 1", Grooved Concentric Reducer	475.94	21.03
		For Galvanized Fittings, Add	*53.43*	
		For Work In Restricted Working Space, Add	*9.44*	
23 21 13 23-1533	EA	2-1/2" x 1-1/4", Grooved Concentric Reducer	434.91	21.68
		For Galvanized Fittings, Add	*48.36*	
		For Work In Restricted Working Space, Add	*9.76*	
23 21 13 23-1534	EA	2-1/2" x 1-1/2", Grooved Concentric Reducer	105.39	23.89
		For Galvanized Fittings, Add	*8.37*	
		For Work In Restricted Working Space, Add	*10.73*	
23 21 13 23-1535	EA	2-1/2" x 2", Grooved Concentric Reducer	109.79	26.75
		For Galvanized Fittings, Add	*8.37*	
		For Work In Restricted Working Space, Add	*12.05*	
23 21 13 23-1536	EA	3" x 3/4", Grooved Concentric Reducer	605.58	23.56
		For Galvanized Fittings, Add	*86.69*	
		For Work In Restricted Working Space, Add	*10.58*	
23 21 13 23-1537	EA	3" x 1", Grooved Concentric Reducer	113.17	24.22
		For Galvanized Fittings, Add	*11.69*	
		For Work In Restricted Working Space, Add	*10.88*	
23 21 13 23-1538	EA	3" x 1-1/4", Grooved Concentric Reducer	479.13	24.99
		For Galvanized Fittings, Add	*67.14*	
		For Work In Restricted Working Space, Add	*11.22*	
23 21 13 23-1539	EA	3" x 1-1/2", Grooved Concentric Reducer	450.63	26.75
		For Galvanized Fittings, Add	*62.39*	
		For Work In Restricted Working Space, Add	*12.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1540	EA	3" x 2", Grooved Concentric Reducer	105.66	29.72
		For Galvanized Fittings, Add	*9.28*	
		For Work In Restricted Working Space, Add	*13.38*	
23 21 13 23-1541	EA	3" x 2-1/2", Grooved Concentric Reducer	137.28	35.45
		For Galvanized Fittings, Add	*12.79*	
		For Work In Restricted Working Space, Add	*15.94*	
23 21 13 23-1542	EA	3-1/2" x 3", Grooved Concentric Reducer	146.92	38.20
		For Galvanized Fittings, Add	*13.63*	
		For Work In Restricted Working Space, Add	*17.18*	
23 21 13 23-1543	EA	4" x 1", Grooved Concentric Reducer	137.57	30.05
		For Work In Restricted Working Space, Add	*13.54*	
		For Galvanized Fittings, Add	*15.85*	
23 21 13 23-1544	EA	4" x 1-1/4", Grooved Concentric Reducer	776.94	30.83
		For Work In Restricted Working Space, Add	*13.87*	
		For Galvanized Fittings, Add	*125.32*	
23 21 13 23-1545	EA	4" x 1-1/2", Grooved Concentric Reducer	607.62	32.70
		For Work In Restricted Working Space, Add	*14.70*	
		For Galvanized Fittings, Add	*95.80*	
23 21 13 23-1546	EA	4" x 2", Grooved Concentric Reducer	134.70	35.67
		For Work In Restricted Working Space, Add	*16.02*	
		For Galvanized Fittings, Add	*13.94*	
23 21 13 23-1547	EA	4" x 2-1/2", Grooved Concentric Reducer	159.16	38.20
		For Work In Restricted Working Space, Add	*17.18*	
		For Galvanized Fittings, Add	*17.48*	
23 21 13 23-1548	EA	4" x 3", Grooved Concentric Reducer	163.56	41.17
		For Work In Restricted Working Space, Add	*18.50*	
		For Galvanized Fittings, Add	*17.48*	
23 21 13 23-1549	EA	4" x 3-1/2", Grooved Concentric Reducer	167.97	44.03
		For Work In Restricted Working Space, Add	*19.82*	
		For Galvanized Fittings, Add	*17.48*	
23 21 13 23-1550	EA	5" x 2", Grooved Concentric Reducer	1,090.52	41.50
		For Work In Restricted Working Space, Add	*18.66*	
		For Galvanized Fittings, Add	*176.36*	
23 21 13 23-1551	EA	5" x 2-1/2", Grooved Concentric Reducer	863.90	44.03
		For Work In Restricted Working Space, Add	*19.82*	
		For Galvanized Fittings, Add	*136.83*	
23 21 13 23-1552	EA	5" x 3", Grooved Concentric Reducer	189.74	47.01
		For Work In Restricted Working Space, Add	*21.14*	
		For Galvanized Fittings, Add	*20.46*	
23 21 13 23-1553	EA	5" x 4", Grooved Concentric Reducer	221.73	52.84
		For Work In Restricted Working Space, Add	*23.78*	
		For Galvanized Fittings, Add	*24.43*	
23 21 13 23-1554	EA	6" x 1", Grooved Concentric Reducer	256.63	44.81
		For Galvanized Fittings, Add	*35.35*	
		For Work In Restricted Working Space, Add	*20.15*	
23 21 13 23-1555	EA	6" x 1-1/2", Grooved Concentric Reducer	1,152.19	47.34
		For Galvanized Fittings, Add	*201.75*	
		For Work In Restricted Working Space, Add	*21.30*	
23 21 13 23-1556	EA	6" x 2", Grooved Concentric Reducer	264.86	50.31
		For Galvanized Fittings, Add	*35.35*	
		For Work In Restricted Working Space, Add	*22.62*	
23 21 13 23-1557	EA	6" x 2-1/2", Grooved Concentric Reducer	1,166.62	52.84
		For Galvanized Fittings, Add	*202.90*	
		For Work In Restricted Working Space, Add	*23.78*	
23 21 13 23-1558	EA	6" x 3", Grooved Concentric Reducer	273.14	55.82
		For Galvanized Fittings, Add	*35.35*	
		For Work In Restricted Working Space, Add	*25.10*	
23 21 13 23-1559	EA	6" x 4", Grooved Concentric Reducer	257.48	61.65
		For Galvanized Fittings, Add	*30.79*	
		For Work In Restricted Working Space, Add	*27.75*	
23 21 13 23-1560	EA	6" x 5", Grooved Concentric Reducer	345.39	67.60
		For Galvanized Fittings, Add	*45.55*	
		For Work In Restricted Working Space, Add	*30.39*	
23 21 13 23-1561	EA	8" x 3", Grooved Concentric Reducer	433.22	63.19
		For Galvanized Fittings, Add	*63.17*	
		For Work In Restricted Working Space, Add	*28.40*	
23 21 13 23-1562	EA	8" x 4", Grooved Concentric Reducer	442.01	69.03
		For Galvanized Fittings, Add	*63.17*	
		For Work In Restricted Working Space, Add	*31.04*	
23 21 13 23-1563	EA	8" x 5", Grooved Concentric Reducer	450.84	74.86
		For Galvanized Fittings, Add	*63.17*	
		For Work In Restricted Working Space, Add	*33.69*	
23 21 13 23-1564	EA	8" x 6", Grooved Concentric Reducer	557.20	83.67
		For Galvanized Fittings, Add	*80.56*	
		For Work In Restricted Working Space, Add	*37.65*	
23 21 13 23-1565	EA	10" x 4", Grooved Concentric Reducer	921.09	76.73
		For Galvanized Fittings, Add	*150.40*	
		For Work In Restricted Working Space, Add	*34.52*	
23 21 13 23-1566	EA	10" x 5", Grooved Concentric Reducer	1,900.63	82.57
		For Galvanized Fittings, Add	*331.54*	
		For Work In Restricted Working Space, Add	*37.16*	
23 21 13 23-1567	EA	10" x 6", Grooved Concentric Reducer	1,018.49	91.38
		For Galvanized Fittings, Add	*164.47*	
		For Work In Restricted Working Space, Add	*41.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1568	EA	10" x 8", Grooved Concentric Reducer	1,029.48	98.75
		For Galvanized Fittings, Add	*164.47*	
		For Work In Restricted Working Space, Add	*44.42*	
23 21 13 23-1569	EA	12" x 4", Grooved Concentric Reducer	2,799.21	87.41
		For Galvanized Fittings, Add	*400.23*	
		For Work In Restricted Working Space, Add	*39.30*	
23 21 13 23-1570	EA	12" x 6", Grooved Concentric Reducer	1,204.28	102.05
		For Galvanized Fittings, Add	*157.70*	
		For Work In Restricted Working Space, Add	*45.89*	
23 21 13 23-1571	EA	12" x 8", Grooved Concentric Reducer	1,743.23	109.43
		For Galvanized Fittings, Add	*236.88*	
		For Work In Restricted Working Space, Add	*49.21*	
23 21 13 23-1572	EA	12" x 10", Grooved Concentric Reducer	1,754.85	117.14
		For Galvanized Fittings, Add	*236.88*	
		For Work In Restricted Working Space, Add	*52.69*	

23 21 13 23-1573 Grooved Eccentric Reducers *(23 21 13 23-1507)*

Note: Victaulic No. 51

23 21 13 23-1574	EA	1-1/2" x 3/4", Grooved Eccentric Reducer	358.90	15.09
		For Galvanized Fittings, Add	*40.43*	
		For Work In Restricted Working Space, Add	*6.77*	
23 21 13 23-1575	EA	1-1/2" x 1", Grooved Eccentric Reducer	327.26	15.74
		For Galvanized Fittings, Add	*36.49*	
		For Work In Restricted Working Space, Add	*7.10*	
23 21 13 23-1576	EA	1-1/2" x 1-1/4", Grooved Eccentric Reducer	321.75	16.52
		For Galvanized Fittings, Add	*35.70*	
		For Work In Restricted Working Space, Add	*7.43*	
23 21 13 23-1577	EA	2" x 3/4", Grooved Eccentric Reducer	680.50	17.95
		For Galvanized Fittings, Add	*78.55*	
		For Work In Restricted Working Space, Add	*8.09*	
23 21 13 23-1578	EA	2" x 1", Grooved Eccentric Reducer	363.30	18.71
		For Galvanized Fittings, Add	*40.29*	
		For Work In Restricted Working Space, Add	*8.42*	
23 21 13 23-1579	EA	2" x 1-1/4", Grooved Eccentric Reducer	396.69	19.49
		For Galvanized Fittings, Add	*44.17*	
		For Work In Restricted Working Space, Add	*8.75*	
23 21 13 23-1580	EA	2" x 1-1/2", Grooved Eccentric Reducer	340.18	21.68
		For Galvanized Fittings, Add	*36.98*	
		For Work In Restricted Working Space, Add	*9.76*	
23 21 13 23-1581	EA	2-1/2" x 3/4", Grooved Eccentric Reducer	883.49	20.25
		For Galvanized Fittings, Add	*102.54*	
		For Work In Restricted Working Space, Add	*9.11*	
23 21 13 23-1582	EA	2-1/2" x 1", Grooved Eccentric Reducer	826.25	21.03
		For Galvanized Fittings, Add	*95.53*	
		For Work In Restricted Working Space, Add	*9.44*	
23 21 13 23-1583	EA	2-1/2" x 1-1/4", Grooved Eccentric Reducer	494.13	21.68
		For Galvanized Fittings, Add	*55.48*	
		For Work In Restricted Working Space, Add	*9.76*	
23 21 13 23-1584	EA	2-1/2" x 1-1/2", Grooved Eccentric Reducer	401.53	23.89
		For Galvanized Fittings, Add	*43.96*	
		For Work In Restricted Working Space, Add	*10.73*	
23 21 13 23-1585	EA	2-1/2" x 2", Grooved Eccentric Reducer	187.50	26.75
		For Galvanized Fittings, Add	*17.71*	
		For Work In Restricted Working Space, Add	*12.05*	
23 21 13 23-1586	EA	3" x 1", Grooved Eccentric Reducer	888.84	24.22
		For Galvanized Fittings, Add	*102.48*	
		For Work In Restricted Working Space, Add	*10.88*	
23 21 13 23-1587	EA	3" x 1-1/4", Grooved Eccentric Reducer	809.21	24.99
		For Galvanized Fittings, Add	*92.77*	
		For Work In Restricted Working Space, Add	*11.22*	
23 21 13 23-1588	EA	3" x 1-1/2", Grooved Eccentric Reducer	463.23	26.75
		For Galvanized Fittings, Add	*50.85*	
		For Work In Restricted Working Space, Add	*12.05*	
23 21 13 23-1589	EA	3" x 2", Grooved Eccentric Reducer	213.91	29.72
		For Galvanized Fittings, Add	*20.35*	
		For Work In Restricted Working Space, Add	*13.38*	
23 21 13 23-1590	EA	3" x 2-1/2", Grooved Eccentric Reducer	222.45	35.45
		For Galvanized Fittings, Add	*20.35*	
		For Work In Restricted Working Space, Add	*15.94*	
23 21 13 23-1591	EA	3-1/2" x 3", Grooved Eccentric Reducer	993.96	38.20
		For Galvanized Fittings, Add	*112.59*	
		For Work In Restricted Working Space, Add	*17.18*	
23 21 13 23-1592	EA	4" x 1", Grooved Eccentric Reducer	1,773.24	30.05
		For Work In Restricted Working Space, Add	*13.54*	
		For Galvanized Fittings, Add	*296.37*	
23 21 13 23-1593	EA	4" x 1-1/2", Grooved Eccentric Reducer	1,094.14	32.70
		For Work In Restricted Working Space, Add	*14.70*	
		For Galvanized Fittings, Add	*179.24*	
23 21 13 23-1594	EA	4" x 2", Grooved Eccentric Reducer	260.42	35.67
		For Work In Restricted Working Space, Add	*16.02*	
		For Galvanized Fittings, Add	*35.50*	
23 21 13 23-1595	EA	4" x 2-1/2", Grooved Eccentric Reducer	264.28	38.20
		For Work In Restricted Working Space, Add	*17.18*	
		For Galvanized Fittings, Add	*35.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1596	EA	4" x 3", Grooved Eccentric Reducer	268.68	41.17
		For Work In Restricted Working Space, Add	*18.50*	
		For Galvanized Fittings, Add	*35.50*	
23 21 13 23-1597	EA	5" x 2", Grooved Eccentric Reducer	1,214.68	41.50
		For Work In Restricted Working Space, Add	*18.66*	
		For Galvanized Fittings, Add	*197.65*	
23 21 13 23-1598	EA	5" x 2-1/2", Grooved Eccentric Reducer	1,047.93	44.03
		For Work In Restricted Working Space, Add	*19.82*	
		For Galvanized Fittings, Add	*168.39*	
23 21 13 23-1599	EA	5" x 3", Grooved Eccentric Reducer	1,018.85	47.01
		For Work In Restricted Working Space, Add	*21.14*	
		For Galvanized Fittings, Add	*162.65*	
23 21 13 23-1600	EA	5" x 4", Grooved Eccentric Reducer	361.25	52.84
		For Work In Restricted Working Space, Add	*23.78*	
		For Galvanized Fittings, Add	*48.36*	
23 21 13 23-1601	EA	6" x 1", Grooved Eccentric Reducer	1,858.73	44.81
		For Galvanized Fittings, Add	*334.31*	
		For Work In Restricted Working Space, Add	*20.15*	
23 21 13 23-1602	EA	6" x 2", Grooved Eccentric Reducer	1,709.23	50.31
		For Galvanized Fittings, Add	*304.87*	
		For Work In Restricted Working Space, Add	*22.62*	
23 21 13 23-1603	EA	6" x 2-1/2", Grooved Eccentric Reducer	2,024.79	52.84
		For Galvanized Fittings, Add	*363.03*	
		For Work In Restricted Working Space, Add	*23.78*	
23 21 13 23-1604	EA	6" x 3", Grooved Eccentric Reducer	459.10	55.82
		For Galvanized Fittings, Add	*70.05*	
		For Work In Restricted Working Space, Add	*25.10*	
23 21 13 23-1605	EA	6" x 4", Grooved Eccentric Reducer	421.10	61.65
		For Galvanized Fittings, Add	*61.32*	
		For Work In Restricted Working Space, Add	*27.75*	
23 21 13 23-1606	EA	6" x 5", Grooved Eccentric Reducer	495.48	67.60
		For Galvanized Fittings, Add	*73.55*	
		For Work In Restricted Working Space, Add	*30.39*	
23 21 13 23-1607	EA	8" x 3", Grooved Eccentric Reducer	1,993.02	63.19
		For Galvanized Fittings, Add	*354.23*	
		For Work In Restricted Working Space, Add	*28.40*	
23 21 13 23-1608	EA	8" x 4", Grooved Eccentric Reducer	1,762.50	69.03
		For Galvanized Fittings, Add	*309.58*	
		For Work In Restricted Working Space, Add	*31.04*	
23 21 13 23-1609	EA	8" x 5", Grooved Eccentric Reducer	1,656.92	74.86
		For Galvanized Fittings, Add	*288.23*	
		For Work In Restricted Working Space, Add	*33.69*	
23 21 13 23-1610	EA	8" x 6", Grooved Eccentric Reducer	791.82	83.67
		For Galvanized Fittings, Add	*124.34*	
		For Work In Restricted Working Space, Add	*37.65*	
23 21 13 23-1611	EA	10" x 4", Grooved Eccentric Reducer	3,159.44	76.73
		For Galvanized Fittings, Add	*568.08*	
		For Work In Restricted Working Space, Add	*34.52*	
23 21 13 23-1612	EA	10" x 5", Grooved Eccentric Reducer	2,992.12	82.57
		For Galvanized Fittings, Add	*535.22*	
		For Work In Restricted Working Space, Add	*37.16*	
23 21 13 23-1613	EA	10" x 6", Grooved Eccentric Reducer	2,299.99	91.38
		For Galvanized Fittings, Add	*403.60*	
		For Work In Restricted Working Space, Add	*41.12*	
23 21 13 23-1614	EA	10" x 8", Grooved Eccentric Reducer	1,978.70	98.75
		For Galvanized Fittings, Add	*341.60*	
		For Work In Restricted Working Space, Add	*44.42*	
23 21 13 23-1615	EA	12" x 4", Grooved Eccentric Reducer	3,226.60	87.41
		For Galvanized Fittings, Add	*467.13*	
		For Work In Restricted Working Space, Add	*39.30*	
23 21 13 23-1616	EA	12" x 6", Grooved Eccentric Reducer	3,042.47	102.05
		For Galvanized Fittings, Add	*436.02*	
		For Work In Restricted Working Space, Add	*45.89*	
23 21 13 23-1617	EA	12" x 8", Grooved Eccentric Reducer	2,979.57	109.43
		For Galvanized Fittings, Add	*424.87*	
		For Work In Restricted Working Space, Add	*49.21*	
23 21 13 23-1618	EA	12" x 10", Grooved Eccentric Reducer	2,697.53	117.14
		For Galvanized Fittings, Add	*380.55*	
		For Work In Restricted Working Space, Add	*52.69*	
23 21 13 23-1619		Grooved, Close Nipple *(23 21 13 23-1507)*		
		Note: Victaulic No. 143		
23 21 13 23-1620	EA	1-1/4" Ductile Iron, Grooved, Close Nipple	63.88	14.53
		For 300 Lb. Rating, Add	*6.28*	
		For Galvanized Fittings, Add	*7.53*	
		For Work In Restricted Working Space, Add	*6.61*	
		For Galvanized Fittings, Add	*10.72*	
23 21 13 23-1621	EA	1-1/2" Ductile Iron, Grooved, Close Nipple	73.14	18.17
		For 300 Lb. Rating, Add	*6.84*	
		For Galvanized Fittings, Add	*8.21*	
		For Work In Restricted Working Space, Add	*8.26*	
		For Galvanized Fittings, Add	*11.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1622	EA	2" Ductile Iron, Grooved, Close Nipple	91.32	23.98
		For 300 Lb. Rating, Add	*8.25*	
		For Galvanized Fittings, Add	*9.90*	
		For Work In Restricted Working Space, Add	*10.90*	
		For Galvanized Fittings, Add	*14.08*	
23 21 13 23-1623	EA	2-1/2" Ductile Iron, Grooved, Close Nipple	109.01	29.07
		For 300 Lb. Rating, Add	*9.75*	
		For Galvanized Fittings, Add	*11.70*	
		For Work In Restricted Working Space, Add	*13.21*	
		For Galvanized Fittings, Add	*16.63*	
23 21 13 23-1624		**Grooved Caps** *(23 21 13 23-1507)*		
		Note: Victaulic No. 60		
23 21 13 23-1625	EA	1" Carbon Steel Grooved Cap	118.64	4.51
		For Work In Restricted Working Space, Add	*2.71*	
23 21 13 23-1626	EA	1-1/4" Carbon Steel Grooved Cap	120.85	5.61
		For Work In Restricted Working Space, Add	*3.37*	
23 21 13 23-1627	EA	1-1/2" Carbon Steel Grooved Cap	123.27	6.83
		For Work In Restricted Working Space, Add	*4.10*	
23 21 13 23-1628	EA	2" Carbon Steel Grooved Cap	127.57	9.02
		For Work In Restricted Working Space, Add	*5.39*	
23 21 13 23-1629	EA	2-1/2" Carbon Steel Grooved Cap	131.53	11.01
		For Work In Restricted Working Space, Add	*6.57*	
23 21 13 23-1630	EA	3" Carbon Steel Grooved Cap	136.15	13.32
		For Work In Restricted Working Space, Add	*7.96*	
23 21 13 23-1631	EA	4" Carbon Steel Grooved Cap	151.90	17.61
		For Work In Restricted Working Space, Add	*10.54*	
23 21 13 23-1632	EA	5" Carbon Steel Grooved Cap	312.20	21.91
		For Work In Restricted Working Space, Add	*13.15*	
23 21 13 23-1633	EA	6" Carbon Steel Grooved Cap	325.37	28.73
		For Work In Restricted Working Space, Add	*17.21*	
23 21 13 23-1634	EA	8" Carbon Steel Grooved Cap	577.87	34.13
		For Work In Restricted Working Space, Add	*20.48*	
23 21 13 23-1635	EA	10" Carbon Steel Grooved Cap	968.35	39.85
		For Work In Restricted Working Space, Add	*23.88*	
23 21 13 23-1636	EA	12" Carbon Steel Grooved Cap	1,649.51	47.78
		For Work In Restricted Working Space, Add	*28.67*	
23 21 13 23-1637		**Grooved Couplings** *(23 21 13 23-1328)*		
23 21 13 23-1638		**Flexible Grooved Coupling** *(23 21 13 23-1637)*		
		Note: Victaulic Style 77		
23 21 13 23-1639	EA	3/4" Grooved Standard Coupling	22.97	5.94
		For Work In Restricted Working Space, Add	*2.70*	
		For Galvanized Fittings, Add	*3.91*	
23 21 13 23-1640	EA	1" Grooved Standard Coupling	22.97	5.94
		For Work In Restricted Working Space, Add	*2.70*	
		For Galvanized Fittings, Add	*3.91*	
23 21 13 23-1641	EA	1-1/4" Grooved Standard Coupling	29.84	7.48
		For Work In Restricted Working Space, Add	*3.37*	
		For Galvanized Fittings, Add	*5.21*	
23 21 13 23-1642	EA	1-1/2" Grooved Standard Coupling	33.76	8.91
		For Work In Restricted Working Space, Add	*4.03*	
		For Galvanized Fittings, Add	*5.69*	
23 21 13 23-1643	EA	2" Grooved Standard Coupling	39.47	12.00
		For Work In Restricted Working Space, Add	*5.40*	
		For Galvanized Fittings, Add	*6.01*	
23 21 13 23-1644	EA	2-1/2" Grooved Standard Coupling	47.63	14.64
		For Work In Restricted Working Space, Add	*6.58*	
		For Galvanized Fittings, Add	*7.20*	
23 21 13 23-1645	EA	3" Grooved Standard Coupling	51.88	17.50
		For Work In Restricted Working Space, Add	*7.85*	
		For Galvanized Fittings, Add	*7.20*	
23 21 13 23-1646	EA	3-1/2" Grooved Standard Coupling	72.19	20.48
		For Work In Restricted Working Space, Add	*9.23*	
		For Galvanized Fittings, Add	*11.60*	
23 21 13 23-1647	EA	4" Grooved Standard Coupling	76.49	23.34
		For Work In Restricted Working Space, Add	*10.52*	
		For Galvanized Fittings, Add	*11.60*	
23 21 13 23-1648	EA	5" Grooved Standard Coupling	107.34	29.29
		For Work In Restricted Working Space, Add	*13.15*	
		For Galvanized Fittings, Add	*17.78*	
23 21 13 23-1649	EA	6" Grooved Standard Coupling	132.42	38.20
		For Work In Restricted Working Space, Add	*17.20*	
		For Galvanized Fittings, Add	*21.02*	
23 21 13 23-1650	EA	8" Grooved Standard Coupling	190.64	45.57
		For Work In Restricted Working Space, Add	*20.48*	
		For Galvanized Fittings, Add	*34.27*	
23 21 13 23-1651	EA	10" Grooved Standard Coupling	285.30	54.61
		For Work In Restricted Working Space, Add	*24.57*	
		For Galvanized Fittings, Add	*56.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1652	EA	12" Grooved Standard Coupling	321.18	59.78
		For Work In Restricted Working Space, Add	*26.88*	
		For Galvanized Fittings, Add	*64.84*	
23 21 13 23-1653		**Zero-Flex® Rigid Coupling** *(23 21 13 23-1637)*		
		Note: Victaulic Style 07		
23 21 13 23-1654	EA	1" Grooved Rigid Coupling	28.44	5.94
		For Galvanized Fittings, Add	*4.77*	
		For Work In Restricted Working Space, Add	*2.70*	
23 21 13 23-1655	EA	1-1/4" Grooved Rigid Coupling	30.69	7.48
		For Galvanized Fittings, Add	*4.77*	
		For Work In Restricted Working Space, Add	*3.37*	
23 21 13 23-1656	EA	1-1/2" Grooved Rigid Coupling	32.88	8.91
		For Galvanized Fittings, Add	*4.77*	
		For Work In Restricted Working Space, Add	*4.03*	
23 21 13 23-1657	EA	2" Grooved Rigid Coupling	37.93	12.00
		For Galvanized Fittings, Add	*4.89*	
		For Work In Restricted Working Space, Add	*5.40*	
23 21 13 23-1658	EA	2-1/2" Grooved Rigid Coupling	44.91	14.64
		For Galvanized Fittings, Add	*5.63*	
		For Work In Restricted Working Space, Add	*6.58*	
23 21 13 23-1659	EA	3" Grooved Rigid Coupling	49.16	17.50
		For Galvanized Fittings, Add	*5.63*	
		For Work In Restricted Working Space, Add	*7.85*	
23 21 13 23-1660	EA	3-1/2" Grooved Rigid Coupling	57.63	20.48
		For Galvanized Fittings, Add	*6.58*	
		For Work In Restricted Working Space, Add	*9.23*	
23 21 13 23-1661	EA	4" Grooved Rigid Coupling	73.13	23.34
		For Galvanized Fittings, Add	*9.33*	
		For Work In Restricted Working Space, Add	*10.52*	
23 21 13 23-1662	EA	5" Grooved Rigid Coupling	93.28	29.29
		For Galvanized Fittings, Add	*12.12*	
		For Work In Restricted Working Space, Add	*13.15*	
23 21 13 23-1663	EA	6" Grooved Rigid Coupling	123.44	38.20
		For Galvanized Fittings, Add	*16.19*	
		For Work In Restricted Working Space, Add	*17.20*	
23 21 13 23-1664	EA	8" Grooved Rigid Coupling	172.39	45.57
		For Galvanized Fittings, Add	*25.51*	
		For Work In Restricted Working Space, Add	*20.48*	
23 21 13 23-1665	EA	10" Grooved Rigid Coupling	268.49	54.61
		For Galvanized Fittings, Add	*45.71*	
		For Work In Restricted Working Space, Add	*24.57*	
23 21 13 23-1666	EA	12" Grooved Rigid Coupling	298.39	59.78
		For Galvanized Fittings, Add	*51.15*	
		For Work In Restricted Working Space, Add	*26.88*	
23 21 13 23-1667		**Installation-Ready™ Coupling** *(23 21 13 23-1637)*		
		Note: Victaulic Style 009N		
23 21 13 23-1668	EA	1-1/4" Ductile Iron, Installation-Ready™ Coupling	82.17	5.56
		For Work In Restricted Working Space, Add	*2.53*	
		For Galvanized Fittings, Add	*18.88*	
23 21 13 23-1669	EA	1-1/2" Ductile Iron, Installation-Ready™ Coupling	85.34	6.65
		For Work In Restricted Working Space, Add	*3.02*	
		For Galvanized Fittings, Add	*19.27*	
23 21 13 23-1670	EA	2" Ductile Iron, Installation-Ready™ Coupling	98.69	8.93
		For Work In Restricted Working Space, Add	*4.07*	
		For Galvanized Fittings, Add	*21.80*	
23 21 13 23-1671	EA	2-1/2" Ductile Iron, Installation-Ready™ Coupling	114.49	10.83
		For Work In Restricted Working Space, Add	*4.92*	
		For Galvanized Fittings, Add	*25.11*	
23 21 13 23-1672	EA	3" Ductile Iron, Installation-Ready™ Coupling	130.70	13.00
		For Work In Restricted Working Space, Add	*5.91*	
		For Galvanized Fittings, Add	*28.41*	
23 21 13 23-1673	EA	4" Ductile Iron, Installation-Ready™ Coupling	182.18	17.36
		For Work In Restricted Working Space, Add	*7.90*	
		For Galvanized Fittings, Add	*39.90*	
23 21 13 23-1674	EA	5" Ductile Iron, Installation-Ready™ Coupling	287.84	21.72
		For Work In Restricted Working Space, Add	*9.87*	
		For Galvanized Fittings, Add	*65.26*	
23 21 13 23-1675	EA	6" Ductile Iron, Installation-Ready™ Coupling	347.66	28.41
		For Work In Restricted Working Space, Add	*12.92*	
		For Galvanized Fittings, Add	*77.98*	
23 21 13 23-1676	EA	8" Ductile Iron, Installation-Ready™ Coupling	560.12	33.79
		For Work In Restricted Working Space, Add	*15.36*	
		For Galvanized Fittings, Add	*130.29*	
23 21 13 23-1677		**Grooved Strainers And Suction Diffusers** *(23 21 13 23-1328)*		
23 21 13 23-1678		**Grooved Wye Strainers** *(23 21 13 23-1677)*		
		Note: Victaulic Style 732		
23 21 13 23-1679	EA	2" Grooved Wye Strainer	2,658.98	24.22
		For Work In Restricted Working Space, Add	*10.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1680	EA	2-1/2" Grooved Wye Strainer	2,799.04	29.40
		For Work In Restricted Working Space, Add	*13.15*	
23 21 13 23-1681	EA	3" Grooved Wye Strainer	3,147.70	35.23
		For Work In Restricted Working Space, Add	*15.94*	
23 21 13 23-1682	EA	4" Grooved Wye Strainer	3,572.97	47.01
		For Work In Restricted Working Space, Add	*21.04*	
23 21 13 23-1683	EA	5" Grooved Wye Strainer	5,161.79	58.79
		For Work In Restricted Working Space, Add	*26.30*	
23 21 13 23-1684	EA	6" Grooved Wye Strainer	5,623.28	76.40
		For Work In Restricted Working Space, Add	*34.40*	
23 21 13 23-1685	EA	8" Grooved Wye Strainer	8,581.47	91.05
		For Work In Restricted Working Space, Add	*40.96*	
23 21 13 23-1686	EA	10" Grooved Wye Strainer	13,734.93	106.45
		For Work In Restricted Working Space, Add	*47.78*	
23 21 13 23-1687	EA	12" Grooved Wye Strainer	23,906.68	127.82
		For Work In Restricted Working Space, Add	*57.34*	

23 21 13 23-1688 Grooved Tee Type Strainers *(23 21 13 23-1677)*

Note: Victaulic Style 730

23 21 13 23-1689	EA	1-1/2" Grooved Tee Type Strainer	2,051.38	18.38
		For Work In Restricted Working Space, Add	*8.18*	
23 21 13 23-1690	EA	2" Grooved Tee Type Strainer	2,626.61	24.22
		For Work In Restricted Working Space, Add	*10.79*	
23 21 13 23-1691	EA	2-1/2" Grooved Tee Type Strainer	2,765.40	29.40
		For Work In Restricted Working Space, Add	*13.15*	
23 21 13 23-1692	EA	3" Grooved Tee Type Strainer	3,109.69	35.23
		For Work In Restricted Working Space, Add	*15.94*	
23 21 13 23-1693	EA	4" Grooved Tee Type Strainer	3,529.87	47.01
		For Work In Restricted Working Space, Add	*21.04*	
23 21 13 23-1694	EA	5" Grooved Tee Type Strainer	5,099.04	58.79
		For Work In Restricted Working Space, Add	*26.30*	
23 21 13 23-1695	EA	6" Grooved Tee Type Strainer	5,555.62	76.40
		For Work In Restricted Working Space, Add	*34.40*	
23 21 13 23-1696	EA	8" Grooved Tee Type Strainer	8,476.72	91.05
		For Work In Restricted Working Space, Add	*40.96*	
23 21 13 23-1697	EA	10" Grooved Tee Type Strainer	12,409.15	106.45
		For Work In Restricted Working Space, Add	*47.78*	
23 21 13 23-1698	EA	12" Grooved Tee Type Strainer	15,960.04	127.82
		For Work In Restricted Working Space, Add	*57.34*	

23 21 13 23-1699 Grooved Suction Diffuser *(23 21 13 23-1677)*

Note: Victaulic Style 731

23 21 13 23-1700	EA	2-1/2" Grooved x 2" Flanged Suction Diffuser	5,419.29	27.19
		For Work In Restricted Working Space, Add	*12.05*	
23 21 13 23-1701	EA	3" Grooved x 2" Flanged Suction Diffuser	5,752.88	30.05
		For Work In Restricted Working Space, Add	*13.38*	
23 21 13 23-1702	EA	3" Grooved x 2-1/2" Flanged Suction Diffuser	4,155.94	35.23
		For Work In Restricted Working Space, Add	*15.94*	
23 21 13 23-1703	EA	3" Grooved x 3" Flanged Suction Diffuser	4,214.62	38.20
		For Work In Restricted Working Space, Add	*17.18*	
23 21 13 23-1704	EA	4" Grooved x 2-1/2" Flanged Suction Diffuser	4,565.44	38.20
		For Work In Restricted Working Space, Add	*17.18*	
23 21 13 23-1705	EA	4" Grooved x 3" Flanged Suction Diffuser	4,925.56	41.17
		For Work In Restricted Working Space, Add	*18.50*	
23 21 13 23-1706	EA	4" Grooved x 4" Flanged Suction Diffuser	5,694.85	41.17
		For Work In Restricted Working Space, Add	*18.66*	
23 21 13 23-1707	EA	5" Grooved x 4" Flanged Suction Diffuser	6,358.24	52.84
		For Work In Restricted Working Space, Add	*23.78*	
23 21 13 23-1708	EA	5" Grooved x 5" Flanged Suction Diffuser	6,681.28	55.82
		For Work In Restricted Working Space, Add	*25.10*	
23 21 13 23-1709	EA	6" Grooved x 4" Flanged Suction Diffuser	6,787.20	61.65
		For Work In Restricted Working Space, Add	*27.75*	
23 21 13 23-1710	EA	6" Grooved x 5" Flanged Suction Diffuser	8,109.78	67.60
		For Work In Restricted Working Space, Add	*30.39*	
23 21 13 23-1711	EA	6" Grooved x 6" Flanged Suction Diffuser	8,423.16	72.00
		For Work In Restricted Working Space, Add	*32.36*	
23 21 13 23-1712	EA	8" Grooved x 5" Flanged Suction Diffuser	8,642.73	74.86
		For Work In Restricted Working Space, Add	*33.69*	
23 21 13 23-1713	EA	8" Grooved x 6" Flanged Suction Diffuser	9,120.77	83.67
		For Work In Restricted Working Space, Add	*37.65*	
23 21 13 23-1714	EA	8" Grooved x 8" Flanged Suction Diffuser	15,616.26	91.05
		For Work In Restricted Working Space, Add	*40.96*	
23 21 13 23-1715	EA	10" Grooved x 8" Flanged Suction Diffuser	17,615.00	98.42
		For Work In Restricted Working Space, Add	*44.42*	
23 21 13 23-1716	EA	10" Grooved x 10" Flanged Suction Diffuser	21,200.80	102.05
		For Work In Restricted Working Space, Add	*45.89*	
23 21 13 23-1717	EA	12" Grooved x 10" Flanged Suction Diffuser	25,089.67	117.46
		For Work In Restricted Working Space, Add	*52.69*	
23 21 13 23-1718	EA	12" Grooved x 12" Flanged Suction Diffuser	34,841.13	124.85
		For Work In Restricted Working Space, Add	*56.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1719		**Grooved Steel Valves** *(23 21 13 23-1328)*		
23 21 13 23-1720		**Grooved Butterfly Valves With Standard Trim** *(23 21 13 23-1719)*		
23 21 13 23-1721	EA	1-1/2" Butterfly Valve, Grooved, With Standard Trim	290.20	12.00
		For Work In Restricted Working Space, Add	*5.40*	
23 21 13 23-1722	EA	2" Butterfly Valve, Grooved, With Standard Trim	295.88	15.74
		For Work In Restricted Working Space, Add	*7.10*	
23 21 13 23-1723	EA	3" Butterfly Valve, Grooved, With Standard Trim	485.50	23.34
		For Work In Restricted Working Space, Add	*10.52*	
23 21 13 23-1724	EA	4" Butterfly Valve, Grooved, With Standard Trim	652.13	30.72
		For Work In Restricted Working Space, Add	*13.84*	
23 21 13 23-1725	EA	6" Butterfly Valve, Grooved, With Standard Trim	1,423.52	50.31
		For Work In Restricted Working Space, Add	*22.63*	
23 21 13 23-1726	EA	8" Butterfly Valve, Grooved, With Standard Trim	1,972.75	70.79
		For Work In Restricted Working Space, Add	*31.85*	
23 21 13 23-1727	EA	10" Butterfly Valve, Grooved, With Standard Trim	2,962.65	95.67
		For Work In Restricted Working Space, Add	*43.01*	
23 21 13 23-1728		**Grooved Butterfly Valves With Stainless Steel Trim** *(23 21 13 23-1719)*		
23 21 13 23-1729	EA	1-1/2" Butterfly Valve, Grooved, With Stainless Steel Trim	436.02	12.00
		For Work In Restricted Working Space, Add	*5.40*	
23 21 13 23-1730	EA	2" Butterfly Valve, Grooved, With Stainless Steel Trim	441.70	15.74
		For Work In Restricted Working Space, Add	*7.10*	
23 21 13 23-1731	EA	3" Butterfly Valve, Grooved, With Stainless Steel Trim	683.17	23.34
		For Work In Restricted Working Space, Add	*10.52*	
23 21 13 23-1732	EA	4" Butterfly Valve, Grooved, With Stainless Steel Trim	869.25	30.72
		For Work In Restricted Working Space, Add	*13.84*	
23 21 13 23-1733	EA	6" Butterfly Valve, Grooved, With Stainless Steel Trim	1,663.32	50.31
		For Work In Restricted Working Space, Add	*22.63*	
23 21 13 23-1734	EA	8" Butterfly Valve, Grooved, With Stainless Steel Trim	2,763.45	70.79
		For Work In Restricted Working Space, Add	*31.85*	
23 21 13 23-1735	EA	10" Butterfly Valve, Grooved, With Stainless Steel Trim	4,356.09	95.67
		For Work In Restricted Working Space, Add	*43.01*	
23 21 13 23-1736		**Grooved Ball Valves With Standard Trim And Handle** *(23 21 13 23-1719)*		
		Note: Victaulic No. 721		
23 21 13 23-1737	EA	1-1/2" Ball Valve, Grooved, With Standard Trim	244.87	11.78
		For Work In Restricted Working Space, Add	*5.40*	
23 21 13 23-1738	EA	2" Ball Valve, Grooved, With Standard Trim	280.52	16.18
		For Work In Restricted Working Space, Add	*7.10*	
23 21 13 23-1739	EA	2-1/2" Ball Valve, Grooved, With Standard Trim	640.34	19.82
		For Work In Restricted Working Space, Add	*8.91*	
23 21 13 23-1740	EA	3" Ball Valve, Grooved, With Standard Trim	1,050.05	23.45
		For Work In Restricted Working Space, Add	*10.52*	
23 21 13 23-1741	EA	4" Ball Valve, Grooved, With Standard Trim	1,635.19	30.83
		For Work In Restricted Working Space, Add	*13.84*	
23 21 13 23-1742	EA	6" Ball Valve, Grooved, With Standard Trim	5,084.15	50.64
		For Work In Restricted Working Space, Add	*22.63*	
23 21 13 23-1743		**Grooved Ball Valves With Stainless Steel Trim And Handle** *(23 21 13 23-1719)*		
		Note: Victaulic No. 721		
23 21 13 23-1744	EA	1-1/2" Ball Valve, Grooved, With Stainless Steel Trim	260.84	11.78
		For Work In Restricted Working Space, Add	*5.40*	
23 21 13 23-1745	EA	2" Ball Valve, Grooved, With Stainless Steel Trim	446.31	16.18
		For Work In Restricted Working Space, Add	*7.10*	
23 21 13 23-1746	EA	2-1/2" Ball Valve, Grooved, With Stainless Steel Trim	1,163.11	19.82
		For Work In Restricted Working Space, Add	*8.91*	
23 21 13 23-1747	EA	3" Ball Valve, Grooved, With Stainless Steel Trim	1,504.10	23.45
		For Work In Restricted Working Space, Add	*10.52*	
23 21 13 23-1748	EA	4" Ball Valve, Grooved, With Stainless Steel Trim	2,054.78	30.83
		For Work In Restricted Working Space, Add	*13.84*	
23 21 13 23-1749	EA	6" Ball Valve, Grooved, With Stainless Steel Trim	5,604.08	50.64
		For Work In Restricted Working Space, Add	*22.63*	
23 21 13 23-1750		**Grooved Check Valves** *(23 21 13 23-1719)*		
		Note: Victaulic No. 712		
23 21 13 23-1751	EA	2" Check Valve, Grooved	371.79	16.18
		For Work In Restricted Working Space, Add	*7.10*	
23 21 13 23-1752	EA	2-1/2" Check Valve, Grooved	603.48	19.82
		For Work In Restricted Working Space, Add	*8.91*	
23 21 13 23-1753	EA	3" Check Valve, Grooved	703.16	23.45
		For Work In Restricted Working Space, Add	*10.52*	
23 21 13 23-1754	EA	4" Check Valve, Grooved	996.70	30.83
		For Work In Restricted Working Space, Add	*13.84*	
23 21 13 23-1755		**Grooved Vic-Check Check Valves** *(23 21 13 23-1719)*		
		Note: Victaulic No. 716		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1756	EA	2-1/2" "Vic-Check" Check Valve, Grooved	482.24	19.82
		For Work In Restricted Working Space, Add	*8.91*	
23 21 13 23-1757	EA	3" "Vic-Check" Check Valve, Grooved	487.59	23.45
		For Work In Restricted Working Space, Add	*10.52*	
23 21 13 23-1758	EA	4" "Vic-Check" Check Valve, Grooved	611.06	30.83
		For Work In Restricted Working Space, Add	*13.84*	
23 21 13 23-1759	EA	6" "Vic-Check" Check Valve, Grooved	1,191.21	50.64
		For Work In Restricted Working Space, Add	*22.63*	
23 21 13 23-1760	EA	8" "Vic-Check" Check Valve, Grooved	1,629.95	70.46
		For Work In Restricted Working Space, Add	*31.49*	
23 21 13 23-1761	EA	10" "Vic-Check" Check Valve, Grooved	4,555.31	95.45
		For Work In Restricted Working Space, Add	*42.65*	
23 21 13 23-1762	EA	12" "Vic-Check" Check Valve, Grooved	5,394.30	110.20
		For Work In Restricted Working Space, Add	*49.21*	

23 21 13 23-1763 Grooved Plug Valves With Lever Operator *(23 21 13 23-1719)*

Note: Victaulic No. 377

23 21 13 23-1764	EA	3" Balancing Plug Valve, Grooved, With Lever Handle	1,377.73	23.45
		For Work In Restricted Working Space, Add	*10.52*	
23 21 13 23-1765	EA	4" Balancing Plug Valve, Grooved, With Lever Handle	1,523.61	30.83
		For Work In Restricted Working Space, Add	*13.84*	
23 21 13 23-1766	EA	6" Balancing Plug Valve, Grooved, With Lever Handle	2,725.33	50.64
		For Work In Restricted Working Space, Add	*22.63*	

23 21 13 23-1767 Grooved Plug Valve With Gear Operator *(23 21 13 23-1719)*

Note: Victaulic No. 377

23 21 13 23-1768	EA	3" Balancing Plug Valve, Grooved, With Gear Operator	2,460.58	23.45
		For Work In Restricted Working Space, Add	*10.52*	
23 21 13 23-1769	EA	4" Balancing Plug Valve, Grooved, With Gear Operator	2,606.55	30.83
		For Work In Restricted Working Space, Add	*13.84*	
23 21 13 23-1770	EA	6" Balancing Plug Valve, Grooved, With Gear Operator	3,808.28	50.64
		For Work In Restricted Working Space, Add	*22.63*	
23 21 13 23-1771	EA	8" Balancing Plug Valve, Grooved, With Gear Operator	5,091.21	70.46
		For Work In Restricted Working Space, Add	*31.49*	
23 21 13 23-1772	EA	10" Balancing Plug Valve, Grooved, With Gear Operator	8,005.49	95.45
		For Work In Restricted Working Space, Add	*42.65*	
23 21 13 23-1773	EA	12" Balancing Plug Valve, Grooved, With Gear Operator	11,617.55	110.20
		For Work In Restricted Working Space, Add	*49.21*	

23 21 13 23-1774 Prepare Pipe For Groove *(23 21 13 23-1328)*

23 21 13 23-1775 Cut Grooved Pipe *(23 21 13 23-1774)*

Note: For use where connecting ungrooved pipe with grooved pipe, coupling to grooved pipe, or for field groove preparation on existing cut pipe.

23 21 13 23-1776	EA	Cut 3/4" Groove Pipe	11.53	
		For Work In Restricted Working Space, Add	*3.46*	
23 21 13 23-1777	EA	Cut 1" Groove Pipe	12.52	
		For Work In Restricted Working Space, Add	*3.76*	
23 21 13 23-1778	EA	Cut 1-1/4" Groove Pipe	14.14	
		For Work In Restricted Working Space, Add	*4.24*	
23 21 13 23-1779	EA	Cut 1-1/2" Groove Pipe	15.38	
		For Work In Restricted Working Space, Add	*4.61*	
23 21 13 23-1780	EA	Cut 2" Groove Pipe	16.86	
		For Work In Restricted Working Space, Add	*5.06*	
23 21 13 23-1781	EA	Cut 2-1/2" Groove Pipe	18.26	
		For Work In Restricted Working Space, Add	*5.48*	
23 21 13 23-1782	EA	Cut 3" Groove Pipe	19.92	
		For Work In Restricted Working Space, Add	*5.98*	
23 21 13 23-1783	EA	Cut 3-1/2" Groove Pipe	21.12	
		For Work In Restricted Working Space, Add	*6.34*	
23 21 13 23-1784	EA	Cut 4" Groove Pipe	22.48	
		For Work In Restricted Working Space, Add	*6.74*	
23 21 13 23-1785	EA	Cut 5" Groove Pipe	24.35	
		For Work In Restricted Working Space, Add	*7.31*	
23 21 13 23-1786	EA	Cut 6" Groove Pipe	25.05	
		For Work In Restricted Working Space, Add	*7.52*	
23 21 13 23-1787	EA	Cut 8" Groove Pipe	32.46	
		For Work In Restricted Working Space, Add	*9.74*	
23 21 13 23-1788	EA	Cut 10" Groove Pipe	46.14	
		For Work In Restricted Working Space, Add	*13.84*	
23 21 13 23-1789	EA	Cut 12" Groove Pipe	58.43	
		For Work In Restricted Working Space, Add	*17.53*	

23 21 13 23-1790 Roll Grooved Pipe *(23 21 13 23-1774)*

Note: For use where connecting ungrooved pipe with grooved pipe, coupling to grooved pipe, or for field groove preparation on existing cut pipe.

23 21 13 23-1791	EA	Roll 3/4" Groove	6.59	
		For Work In Restricted Working Space, Add	*1.98*	
23 21 13 23-1792	EA	Roll 1" Groove	7.68	
		For Work In Restricted Working Space, Add	*2.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1793	EA	Roll 1-1/4" Groove	8.76	
		For Work In Restricted Working Space, Add	*2.63*	
23 21 13 23-1794	EA	Roll 1-1/2" Groove	9.85	
		For Work In Restricted Working Space, Add	*2.96*	
23 21 13 23-1795	EA	Roll 2" Groove	15.12	
		For Work In Restricted Working Space, Add	*4.54*	
23 21 13 23-1796	EA	Roll 2-1/2" Groove	15.93	
		For Work In Restricted Working Space, Add	*4.78*	
23 21 13 23-1797	EA	Roll 3" Groove	17.53	
		For Work In Restricted Working Space, Add	*5.26*	
23 21 13 23-1798	EA	Roll 3-1/2" Groove	18.65	
		For Work In Restricted Working Space, Add	*5.60*	
23 21 13 23-1799	EA	Roll 4" Groove	20.38	
		For Work In Restricted Working Space, Add	*6.11*	
23 21 13 23-1800	EA	Roll 5" Groove	20.87	
		For Work In Restricted Working Space, Add	*6.26*	
23 21 13 23-1801	EA	Roll 6" Groove	21.92	
		For Work In Restricted Working Space, Add	*6.58*	
23 21 13 23-1802	EA	Roll 8" Groove	26.56	
		For Work In Restricted Working Space, Add	*7.97*	
23 21 13 23-1803	EA	Roll 10" Groove	30.22	
		For Work In Restricted Working Space, Add	*9.07*	
23 21 13 23-1804	EA	Roll 12" Groove	38.11	
		For Work In Restricted Working Space, Add	*11.43*	

23 21 13 23-1805 Standard Gaskets *(23 21 13 23-1774)*

Note: For use on replacement of existing gaskets.

23 21 13 23-1806	EA	3/4" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	14.67	
		For Work In Restricted Working Space, Add	*1.37*	
23 21 13 23-1807	EA	1" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	15.60	
		For Work In Restricted Working Space, Add	*1.65*	
23 21 13 23-1808	EA	1-1/4" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	16.48	
		For Work In Restricted Working Space, Add	*1.83*	
23 21 13 23-1809	EA	1-1/2" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	18.16	
		For Work In Restricted Working Space, Add	*2.06*	
23 21 13 23-1810	EA	2" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	18.82	
		For Work In Restricted Working Space, Add	*2.26*	
23 21 13 23-1811	EA	2-1/2" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	21.59	
		For Work In Restricted Working Space, Add	*2.36*	
23 21 13 23-1812	EA	3" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	23.79	
		For Work In Restricted Working Space, Add	*2.66*	
23 21 13 23-1813	EA	3-1/2" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	28.69	
		For Work In Restricted Working Space, Add	*2.90*	
23 21 13 23-1814	EA	4" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	29.22	
		For Work In Restricted Working Space, Add	*3.06*	
23 21 13 23-1815	EA	5" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	35.34	
		For Work In Restricted Working Space, Add	*3.14*	
23 21 13 23-1816	EA	6" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	37.88	
		For Work In Restricted Working Space, Add	*3.30*	
23 21 13 23-1817	EA	8" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	50.86	
		For Work In Restricted Working Space, Add	*4.13*	
23 21 13 23-1818	EA	10" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	62.85	
		For Work In Restricted Working Space, Add	*4.59*	
23 21 13 23-1819	EA	12" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	74.92	
		For Work In Restricted Working Space, Add	*5.90*	
23 21 13 23-1820	EA	14" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	105.37	
		For Work In Restricted Working Space, Add	*8.69*	
23 21 13 23-1821	EA	16" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	137.11	
		For Work In Restricted Working Space, Add	*9.38*	
23 21 13 23-1822	EA	18" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	160.21	
		For Work In Restricted Working Space, Add	*9.71*	
23 21 13 23-1823	EA	20" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	231.06	
		For Work In Restricted Working Space, Add	*10.32*	
23 21 13 23-1824	EA	24" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	312.66	
		For Work In Restricted Working Space, Add	*11.80*	

23 21 13 23-1825 Copper Grooved-Joint Pipe Fittings *(23 21 13 23)*

Note: Couplings are not included with fittings.

23 21 13 23-1826 Grooved Fittings *(23 21 13 23-1825)*

23 21 13 23-1827 Grooved 90 Degree Elbows *(23 21 13 23-1826)*

23 21 13 23-1828	EA	2" Copper 90 Degree Elbow, Grooved	154.95	17.95
		For Work In Restricted Working Space, Add	*10.79*	
23 21 13 23-1829	EA	2-1/2" Copper 90 Degree Elbow, Grooved	172.59	21.91
		For Work In Restricted Working Space, Add	*13.15*	
23 21 13 23-1830	EA	3" Copper 90 Degree Elbow, Grooved	233.51	26.53
		For Work In Restricted Working Space, Add	*15.94*	
23 21 13 23-1831	EA	4" Copper 90 Degree Elbow, Grooved	484.13	35.01
		For Work In Restricted Working Space, Add	*21.04*	
23 21 13 23-1832	EA	5" Copper 90 Degree Elbow, Grooved	1,261.17	43.82
		For Work In Restricted Working Space, Add	*26.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1833	EA	6" Copper 90 Degree Elbow, Grooved	1,987.43	57.36
		For Work In Restricted Working Space, Add	*34.40*	
23 21 13 23-1834	EA	8" Copper 90 Degree Elbow, Grooved	3,652.25	68.25
		For Work In Restricted Working Space, Add	*40.96*	

23 21 13 23-1835 Grooved 45 Degree Elbows *(23 21 13 23-1826)*

23 21 13 23-1836	EA	2" Copper 45 Degree Elbow, Grooved	154.95	17.95
		For Work In Restricted Working Space, Add	*10.79*	
23 21 13 23-1837	EA	2-1/2" Copper 45 Degree Elbow, Grooved	172.59	21.91
		For Work In Restricted Working Space, Add	*13.15*	
23 21 13 23-1838	EA	3" Copper 45 Degree Elbow, Grooved	233.51	26.53
		For Work In Restricted Working Space, Add	*15.94*	
23 21 13 23-1839	EA	4" Copper 45 Degree Elbow, Grooved	484.13	35.01
		For Work In Restricted Working Space, Add	*21.04*	
23 21 13 23-1840	EA	5" Copper 45 Degree Elbow, Grooved	1,261.17	43.82
		For Work In Restricted Working Space, Add	*26.30*	
23 21 13 23-1841	EA	6" Copper 45 Degree Elbow, Grooved	1,987.43	57.36
		For Work In Restricted Working Space, Add	*34.40*	
23 21 13 23-1842	EA	8" Copper 45 Degree Elbow, Grooved	3,652.25	68.25
		For Work In Restricted Working Space, Add	*40.96*	

23 21 13 23-1843 Grooved Tees *(23 21 13 23-1826)*

23 21 13 23-1844	EA	2" Copper Tee, Grooved	247.96	26.42
		For Work In Restricted Working Space, Add	*15.87*	
23 21 13 23-1845	EA	2-1/2" Copper Tee, Grooved	271.92	32.48
		For Work In Restricted Working Space, Add	*19.48*	
23 21 13 23-1846	EA	3" Copper Tee, Grooved	387.73	39.85
		For Work In Restricted Working Space, Add	*23.90*	
23 21 13 23-1847	EA	4" Copper Tee, Grooved	778.45	51.53
		For Work In Restricted Working Space, Add	*30.94*	
23 21 13 23-1848	EA	5" Copper Tee, Grooved	3,106.60	67.38
		For Work In Restricted Working Space, Add	*40.46*	
23 21 13 23-1849	EA	6" Copper Tee, Grooved	2,503.23	84.33
		For Work In Restricted Working Space, Add	*50.60*	
23 21 13 23-1850	EA	8" Copper Tee, Grooved	4,373.54	102.39
		For Work In Restricted Working Space, Add	*61.43*	

23 21 13 23-1851 Grooved Reducing Tees *(23 21 13 23-1826)*

23 21 13 23-1852	EA	2-1/2" Copper Tee, Reducing, Grooved	373.51	32.48
		For Work In Restricted Working Space, Add	*19.48*	
23 21 13 23-1853	EA	3" Copper Tee, Reducing, Grooved	603.43	39.85
		For Work In Restricted Working Space, Add	*23.90*	
23 21 13 23-1854	EA	4" Copper Tee, Reducing, Grooved	990.34	51.64
		For Work In Restricted Working Space, Add	*30.94*	
23 21 13 23-1855	EA	5" Copper Tee, Reducing, Grooved	2,842.68	67.49
		For Work In Restricted Working Space, Add	*40.46*	
23 21 13 23-1856	EA	6" Copper Tee, Reducing, Grooved	3,474.65	84.33
		For Work In Restricted Working Space, Add	*50.60*	

23 21 13 23-1857 Grooved X Cup Reducing Tees *(23 21 13 23-1826)*

23 21 13 23-1858	EA	2" Copper Tee, Reducing, Grooved X Cup	302.29	26.42
		For Work In Restricted Working Space, Add	*15.87*	
23 21 13 23-1859	EA	2-1/2" Copper Tee, Reducing, Grooved X Cup	374.62	32.48
		For Work In Restricted Working Space, Add	*19.48*	
23 21 13 23-1860	EA	3" Copper Tee, Reducing, Grooved X Cup	652.32	39.85
		For Work In Restricted Working Space, Add	*23.90*	
23 21 13 23-1861	EA	4" Copper Tee, Reducing, Grooved X Cup	990.34	51.53
		For Work In Restricted Working Space, Add	*30.94*	

23 21 13 23-1862 Grooved Flanged Adapter Nipples *(23 21 13 23-1826)*

23 21 13 23-1863	EA	2" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	552.42	19.49
		For Work In Restricted Working Space, Add	*11.73*	
23 21 13 23-1864	EA	2-1/2" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	581.91	23.67
		For Work In Restricted Working Space, Add	*14.21*	
23 21 13 23-1865	EA	3" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	616.54	28.29
		For Work In Restricted Working Space, Add	*16.97*	
23 21 13 23-1866	EA	4" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	690.12	38.09
		For Work In Restricted Working Space, Add	*22.87*	
23 21 13 23-1867	EA	5" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	917.49	46.13
		For Work In Restricted Working Space, Add	*27.68*	
23 21 13 23-1868	EA	6" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	1,022.62	62.31
		For Work In Restricted Working Space, Add	*37.40*	

23 21 13 23-1869 Grooved Concentric Reducers *(23 21 13 23-1826)*

23 21 13 23-1870	EA	2-1/2" x 2" Copper Concentric Reducer, Grooved	210.77	20.03
		For Work In Restricted Working Space, Add	*12.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1871	EA	3" x 2" Copper Concentric Reducer, Grooved	215.19	22.35
		For Work In Restricted Working Space, Add	*13.38*	
23 21 13 23-1872	EA	3" x 2-1/2" Copper Concentric Reducer, Grooved	223.73	26.53
		For Work In Restricted Working Space, Add	*15.94*	
23 21 13 23-1873	EA	4" x 2" Copper Concentric Reducer, Grooved	402.22	26.75
		For Work In Restricted Working Space, Add	*16.02*	
23 21 13 23-1874	EA	4" x 2-1/2" Copper Concentric Reducer, Grooved	406.08	28.62
		For Work In Restricted Working Space, Add	*17.18*	
23 21 13 23-1875	EA	4" x 3" Copper Concentric Reducer, Grooved	410.48	30.83
		For Work In Restricted Working Space, Add	*18.50*	
23 21 13 23-1876	EA	5" x 3" Copper Concentric Reducer, Grooved	1,051.66	35.23
		For Work In Restricted Working Space, Add	*21.14*	
23 21 13 23-1877	EA	5" x 4" Copper Concentric Reducer, Grooved	1,060.47	39.63
		For Work In Restricted Working Space, Add	*23.78*	
23 21 13 23-1878	EA	6" x 3" Copper Concentric Reducer, Grooved	1,145.83	41.84
		For Work In Restricted Working Space, Add	*25.10*	
23 21 13 23-1879	EA	6" x 4" Copper Concentric Reducer, Grooved	1,154.64	46.24
		For Work In Restricted Working Space, Add	*27.75*	
23 21 13 23-1880	EA	6" x 5" Copper Concentric Reducer, Grooved	1,163.45	50.64
		For Work In Restricted Working Space, Add	*30.39*	
23 21 13 23-1881	EA	8" x 6" Copper Concentric Reducer, Grooved	1,989.58	62.75
		For Work In Restricted Working Space, Add	*37.65*	

23 21 13 23-1882 Grooved X Cup Concentric Reducers *(23 21 13 23-1826)*

23 21 13 23-1883	EA	2" x 1" Copper Concentric Reducer, Grooved X Cup	169.34	14.09
		For Work In Restricted Working Space, Add	*8.42*	
23 21 13 23-1884	EA	2" x 1-1/4" Copper Concentric Reducer, Grooved X Cup	170.45	14.64
		For Work In Restricted Working Space, Add	*8.75*	
23 21 13 23-1885	EA	2" x 1-1/2" Copper Concentric Reducer, Grooved X Cup	173.81	16.30
		For Work In Restricted Working Space, Add	*9.76*	
23 21 13 23-1886	EA	2-1/2" x 1" Copper Concentric Reducer, Grooved X Cup	204.23	15.74
		For Work In Restricted Working Space, Add	*9.44*	
23 21 13 23-1887	EA	2-1/2" x 1-1/4" Copper Concentric Reducer, Grooved X Cup	205.32	16.30
		For Work In Restricted Working Space, Add	*9.76*	
23 21 13 23-1888	EA	2-1/2" x 1-1/2" Copper Concentric Reducer, Grooved X Cup	208.55	17.95
		For Work In Restricted Working Space, Add	*10.73*	
23 21 13 23-1889	EA	2-1/2" x 2" Copper Concentric Reducer, Grooved X Cup	212.95	20.03
		For Work In Restricted Working Space, Add	*12.05*	
23 21 13 23-1890	EA	3" x 1-1/2" Copper Concentric Reducer, Grooved X Cup	254.76	20.03
		For Work In Restricted Working Space, Add	*12.05*	
23 21 13 23-1891	EA	3" x 2" Copper Concentric Reducer, Grooved X Cup	259.18	22.35
		For Work In Restricted Working Space, Add	*13.38*	
23 21 13 23-1892	EA	4" x 2" Copper Concentric Reducer, Grooved X Cup	451.66	26.64
		For Work In Restricted Working Space, Add	*16.02*	

23 21 13 23-1893 Grooved Standard Couplings *(23 21 13 23-1826)*

23 21 13 23-1894	EA	2" Copper Standard Coupling, Grooved	59.01	9.02
		For Work In Restricted Working Space, Add	*5.40*	
23 21 13 23-1895	EA	2-1/2" Copper Standard Coupling, Grooved	68.94	11.01
		For Work In Restricted Working Space, Add	*6.58*	
23 21 13 23-1896	EA	3" Copper Standard Coupling, Grooved	77.92	13.10
		For Work In Restricted Working Space, Add	*7.85*	
23 21 13 23-1897	EA	4" Copper Standard Coupling, Grooved	114.27	17.61
		For Work In Restricted Working Space, Add	*10.52*	
23 21 13 23-1898	EA	5" Copper Standard Coupling, Grooved	178.58	21.91
		For Work In Restricted Working Space, Add	*13.15*	
23 21 13 23-1899	EA	6" Copper Standard Coupling, Grooved	235.32	28.62
		For Work In Restricted Working Space, Add	*17.20*	
23 21 13 23-1900	EA	8" Copper Standard Coupling, Grooved	345.34	34.13
		For Work In Restricted Working Space, Add	*20.48*	

23 21 13 23-1901 Grooved Caps *(23 21 13 23-1826)*

23 21 13 23-1902	EA	2" Copper Cap, Grooved	100.01	9.02
		For Work In Restricted Working Space, Add	*5.40*	
23 21 13 23-1903	EA	2-1/2" Copper Cap, Grooved	143.63	11.01
		For Work In Restricted Working Space, Add	*6.58*	
23 21 13 23-1904	EA	3" Copper Cap, Grooved	177.20	13.10
		For Work In Restricted Working Space, Add	*7.85*	
23 21 13 23-1905	EA	4" Copper Cap, Grooved	261.62	17.50
		For Work In Restricted Working Space, Add	*10.52*	
23 21 13 23-1906	EA	5" Copper Cap, Grooved	445.53	21.91
		For Work In Restricted Working Space, Add	*13.15*	
23 21 13 23-1907	EA	6" Copper Cap, Grooved	519.69	28.62
		For Work In Restricted Working Space, Add	*17.20*	

23 21 13 23-1908 Grooved Valves *(23 21 13 23-1825)*

23 21 13 23-1909 Grooved Butterfly Valves, Standard Trim, Without Operator *(23 21 13 23-1908)*

Note: Copper body.

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1910		EA	2" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body	479.17	11.78
			For Valve Bracket Insulation, Add	*38.20*	
			For Work In Restricted Working Space, Add	*7.10*	
			For Chain Wheel, Add	*43.45*	
23 21 13 23-1911		EA	3" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body	545.25	17.50
			For Valve Bracket Insulation, Add	*38.20*	
			For Work In Restricted Working Space, Add	*10.52*	
			For Chain Wheel, Add	*43.45*	
23 21 13 23-1912		EA	4" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body	720.76	23.01
			For Valve Bracket Insulation, Add	*38.20*	
			For Work In Restricted Working Space, Add	*13.84*	
			For Chain Wheel, Add	*43.45*	
23 21 13 23-1913		EA	6" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body	962.17	37.76
			For Valve Bracket Insulation, Add	*38.20*	
			For Work In Restricted Working Space, Add	*22.63*	
			For Chain Wheel, Add	*43.45*	
23 21 13 23-1914		EA	8" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body	1,061.40	53.07
			For Valve Bracket Insulation, Add	*38.20*	
			For Work In Restricted Working Space, Add	*31.85*	
			For Chain Wheel, Add	*43.45*	

23 21 13 23-1915 Grooved Butterfly Valves, Standard Trim, With Operator *(23 21 13 23-1908)*

Note: Copper body.

23 21 13 23-1916		EA	2" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body	585.23	11.78
			For Valve Bracket Insulation, Add	*38.20*	
			For Work In Restricted Working Space, Add	*7.10*	
			For Chain Wheel, Add	*43.45*	
23 21 13 23-1917		EA	3" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body	651.38	17.50
			For Valve Bracket Insulation, Add	*38.20*	
			For Work In Restricted Working Space, Add	*10.52*	
			For Chain Wheel, Add	*43.45*	
23 21 13 23-1918		EA	4" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body	826.89	23.01
			For Valve Bracket Insulation, Add	*38.20*	
			For Work In Restricted Working Space, Add	*13.84*	
			For Chain Wheel, Add	*43.45*	
23 21 13 23-1919		EA	6" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body	1,068.37	37.76
			For Valve Bracket Insulation, Add	*38.20*	
			For Work In Restricted Working Space, Add	*22.63*	
			For Chain Wheel, Add	*43.45*	
23 21 13 23-1920		EA	8" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body	1,167.53	53.07
			For Valve Bracket Insulation, Add	*38.20*	
			For Work In Restricted Working Space, Add	*31.85*	
			For Chain Wheel, Add	*43.45*	

23 21 13 23-1921 Polyvinyl Chloride (PVC) Pressure Pipe And Fittings *(23 21 13 23)*

Note: Socket or back weld.

23 21 13 23-1922 Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe And Fittings *(23 21 13 23-1921)*

Note: ASTM D1785 with D2466 fittings.

23 21 13 23-1923 Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe *(23 21 13 23-1922)*

23 21 13 23-1924		LF	1/2" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	5.15	3.15
			For Work In Restricted Working Space, Add	*1.42*	
23 21 13 23-1925		LF	3/4" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	6.45	3.93
			For Work In Restricted Working Space, Add	*1.77*	
23 21 13 23-1926		LF	1" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	7.08	4.19
			For Work In Restricted Working Space, Add	*1.89*	
23 21 13 23-1927		LF	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	7.82	4.51
			For Work In Restricted Working Space, Add	*2.03*	
23 21 13 23-1928		LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	8.07	4.59
			For Work In Restricted Working Space, Add	*2.06*	
23 21 13 23-1929		LF	2" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	9.86	5.49
			For Work In Restricted Working Space, Add	*2.48*	
23 21 13 23-1930		LF	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	12.35	6.53
			For Work In Restricted Working Space, Add	*2.94*	
23 21 13 23-1931		LF	3" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	15.15	7.90
			For Work In Restricted Working Space, Add	*3.55*	
23 21 13 23-1932		LF	4" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	22.54	11.83
			For Work In Restricted Working Space, Add	*5.33*	
23 21 13 23-1933		LF	6" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	32.03	15.79
			For Work In Restricted Working Space, Add	*7.10*	
23 21 13 23-1934		LF	8" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	40.91	18.81
			For Work In Restricted Working Space, Add	*8.47*	
23 21 13 23-1935		LF	10" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	70.30	21.02
			For Work In Restricted Working Space, Add	*9.44*	

23 21 13 23-1936 Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows *(23 21 13 23-1922)*

23 21 13 23-1937		EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	18.63	11.89
			For Work In Restricted Working Space, Add	*5.33*	
23 21 13 23-1938		EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	24.90	15.74
			For Work In Restricted Working Space, Add	*7.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1939	EA	1" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	31.54	19.60
		For Work In Restricted Working Space, Add	*8.81*	
23 21 13 23-1940	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	45.55	27.75
		For Work In Restricted Working Space, Add	*12.46*	
23 21 13 23-1941	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	51.12	31.26
		For Work In Restricted Working Space, Add	*14.06*	
23 21 13 23-1942	EA	2" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	66.23	39.74
		For Work In Restricted Working Space, Add	*17.85*	
23 21 13 23-1943	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	108.48	58.79
		For Work In Restricted Working Space, Add	*26.42*	
23 21 13 23-1944	EA	3" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	140.39	77.29
		For Work In Restricted Working Space, Add	*34.76*	
23 21 13 23-1945	EA	4" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	181.40	91.81
		For Work In Restricted Working Space, Add	*41.29*	
23 21 13 23-1946	EA	6" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	262.12	104.91
		For Work In Restricted Working Space, Add	*47.18*	
23 21 13 23-1947	EA	8" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	453.42	122.42
		For Work In Restricted Working Space, Add	*55.04*	
23 21 13 23-1948	EA	10" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	678.11	182.53
		For Work In Restricted Working Space, Add	*82.08*	

23 21 13 23-1949 Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows *(23 21 13 23-1922)*

23 21 13 23-1950	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	19.07	11.89
		For Work In Restricted Working Space, Add	*5.33*	
23 21 13 23-1951	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	25.77	15.74
		For Work In Restricted Working Space, Add	*7.10*	
23 21 13 23-1952	EA	1" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	32.76	19.60
		For Work In Restricted Working Space, Add	*8.81*	
23 21 13 23-1953	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	46.34	27.75
		For Work In Restricted Working Space, Add	*12.46*	
23 21 13 23-1954	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	52.87	31.26
		For Work In Restricted Working Space, Add	*14.06*	
23 21 13 23-1955	EA	2" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	67.36	39.74
		For Work In Restricted Working Space, Add	*17.85*	
23 21 13 23-1956	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	108.48	58.79
		For Work In Restricted Working Space, Add	*26.42*	
23 21 13 23-1957	EA	3" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	147.71	77.29
		For Work In Restricted Working Space, Add	*34.76*	
23 21 13 23-1958	EA	4" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	194.75	91.81
		For Work In Restricted Working Space, Add	*41.29*	
23 21 13 23-1959	EA	6" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	263.34	104.91
		For Work In Restricted Working Space, Add	*47.18*	
23 21 13 23-1960	EA	8" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	438.68	122.42
		For Work In Restricted Working Space, Add	*55.04*	
23 21 13 23-1961	EA	10" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	678.11	182.53
		For Work In Restricted Working Space, Add	*82.08*	

23 21 13 23-1962 Schedule 40 Polyvinyl Chloride (PVC) Tees *(23 21 13 23-1922)*

23 21 13 23-1963	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Tees	30.41	19.60
		For Work In Restricted Working Space, Add	*8.81*	
23 21 13 23-1964	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Tees	36.64	23.67
		For Work In Restricted Working Space, Add	*10.65*	
23 21 13 23-1965	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Tees	49.03	31.26
		For Work In Restricted Working Space, Add	*14.06*	
23 21 13 23-1966	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Tees	63.00	39.74
		For Work In Restricted Working Space, Add	*17.85*	
23 21 13 23-1967	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Tees	75.29	47.34
		For Work In Restricted Working Space, Add	*21.31*	
23 21 13 23-1968	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Tees	94.26	58.79
		For Work In Restricted Working Space, Add	*26.42*	
23 21 13 23-1969	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Tees	136.46	77.29
		For Work In Restricted Working Space, Add	*34.76*	
23 21 13 23-1970	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Tees	164.57	91.81
		For Work In Restricted Working Space, Add	*41.29*	
23 21 13 23-1971	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Tees	232.32	122.42
		For Work In Restricted Working Space, Add	*55.04*	
23 21 13 23-1972	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Tees	401.43	157.87
		For Work In Restricted Working Space, Add	*71.03*	
23 21 13 23-1973	EA	8" Schedule 40 Polyvinyl Chloride (PVC) Tees	675.58	195.85
		For Work In Restricted Working Space, Add	*88.07*	
23 21 13 23-1974	EA	10" Schedule 40 Polyvinyl Chloride (PVC) Tees	1,933.57	292.62
		For Work In Restricted Working Space, Add	*131.63*	

23 21 13 23-1975 Schedule 40 Polyvinyl Chloride (PVC) Crosses *(23 21 13 23-1922)*

23 21 13 23-1976	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Crosses	38.34	24.44
		For Work In Restricted Working Space, Add	*11.01*	
23 21 13 23-1977	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Crosses	46.17	29.61
		For Work In Restricted Working Space, Add	*13.32*	
23 21 13 23-1978	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Crosses	61.98	39.09
		For Work In Restricted Working Space, Add	*17.57*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1979		EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Crosses	79.86	49.65
			For Work In Restricted Working Space, Add	*22.32*	
23 21 13 23-1980		EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Crosses	95.48	59.23
			For Work In Restricted Working Space, Add	*26.63*	
23 21 13 23-1981		EA	2" Schedule 40 Polyvinyl Chloride (PVC) Crosses	119.80	73.43
			For Work In Restricted Working Space, Add	*33.03*	
23 21 13 23-1982		EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Crosses	177.13	96.66
			For Work In Restricted Working Space, Add	*43.46*	
23 21 13 23-1983		EA	3" Schedule 40 Polyvinyl Chloride (PVC) Crosses	214.26	114.71
			For Work In Restricted Working Space, Add	*51.61*	
23 21 13 23-1984		EA	4" Schedule 40 Polyvinyl Chloride (PVC) Crosses	305.93	153.02
			For Work In Restricted Working Space, Add	*68.81*	
23 21 13 23-1985		EA	6" Schedule 40 Polyvinyl Chloride (PVC) Crosses	553.95	197.28
			For Work In Restricted Working Space, Add	*88.75*	
23 21 13 23-1986		EA	8" Schedule 40 Polyvinyl Chloride (PVC) Crosses	965.61	244.62
			For Work In Restricted Working Space, Add	*110.03*	
23 21 13 23-1987		EA	10" Schedule 40 Polyvinyl Chloride (PVC) Crosses	2,891.99	365.94
			For Work In Restricted Working Space, Add	*164.61*	
23 21 13 23-1988			**Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts** *(23 21 13 23-1922)*		
23 21 13 23-1989		EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	19.20	12.11
			For Work In Restricted Working Space, Add	*5.53*	
23 21 13 23-1990		EA	1" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	25.23	15.52
			For Work In Restricted Working Space, Add	*7.07*	
23 21 13 23-1991		EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	33.68	20.81
			For Work In Restricted Working Space, Add	*9.45*	
23 21 13 23-1992		EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	41.55	25.87
			For Work In Restricted Working Space, Add	*11.78*	
23 21 13 23-1993		EA	2" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	51.12	31.15
			For Work In Restricted Working Space, Add	*14.18*	
23 21 13 23-1994		EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	71.69	43.27
			For Work In Restricted Working Space, Add	*19.68*	
23 21 13 23-1995		EA	3" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	99.81	59.78
			For Work In Restricted Working Space, Add	*27.20*	
23 21 13 23-1996		EA	4" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	133.34	74.31
			For Work In Restricted Working Space, Add	*33.80*	
23 21 13 23-1997		EA	6" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	182.42	86.53
			For Work In Restricted Working Space, Add	*39.32*	
23 21 13 23-1998		EA	8" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	446.82	99.96
			For Work In Restricted Working Space, Add	*45.44*	
23 21 13 23-1999		EA	10" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	531.03	134.09
			For Work In Restricted Working Space, Add	*60.94*	
23 21 13 23-2000			**Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts** *(23 21 13 23-1922)*		
23 21 13 23-2001		EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	19.59	11.89
			For Work In Restricted Working Space, Add	*5.33*	
23 21 13 23-2002		EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	25.51	15.74
			For Work In Restricted Working Space, Add	*7.10*	
23 21 13 23-2003		EA	1" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	31.63	19.60
			For Work In Restricted Working Space, Add	*8.81*	
23 21 13 23-2004		EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	45.03	27.75
			For Work In Restricted Working Space, Add	*12.46*	
23 21 13 23-2005		EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	50.86	31.26
			For Work In Restricted Working Space, Add	*14.06*	
23 21 13 23-2006		EA	2" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	65.00	39.74
			For Work In Restricted Working Space, Add	*17.85*	
23 21 13 23-2007		EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	96.01	58.79
			For Work In Restricted Working Space, Add	*26.42*	
23 21 13 23-2008		EA	3" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	125.04	77.29
			For Work In Restricted Working Space, Add	*34.76*	
23 21 13 23-2009		EA	4" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	158.29	91.81
			For Work In Restricted Working Space, Add	*41.29*	
23 21 13 23-2010			**Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters** *(23 21 13 23-1922)*		
23 21 13 23-2011		EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	20.20	11.89
			For Work In Restricted Working Space, Add	*5.33*	
23 21 13 23-2012		EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	26.12	15.74
			For Work In Restricted Working Space, Add	*7.10*	
23 21 13 23-2013		EA	1" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	32.85	19.60
			For Work In Restricted Working Space, Add	*8.81*	
23 21 13 23-2014		EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	45.73	27.75
			For Work In Restricted Working Space, Add	*12.46*	
23 21 13 23-2015		EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	52.43	31.26
			For Work In Restricted Working Space, Add	*14.06*	
23 21 13 23-2016		EA	2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	66.40	39.74
			For Work In Restricted Working Space, Add	*17.85*	
23 21 13 23-2017		EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	97.58	58.79
			For Work In Restricted Working Space, Add	*26.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2018	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	129.84	77.29
		For Work In Restricted Working Space, Add	*34.76*	
23 21 13 23-2019	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	155.50	91.81
		For Work In Restricted Working Space, Add	*41.29*	

23 21 13 23-2020 Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters *(23 21 13 23-1922)*

23 21 13 23-2021	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	18.63	11.89
		For Work In Restricted Working Space, Add	*5.33*	
23 21 13 23-2022	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	24.81	15.74
		For Work In Restricted Working Space, Add	*7.10*	
23 21 13 23-2023	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	30.67	19.60
		For Work In Restricted Working Space, Add	*8.81*	
23 21 13 23-2024	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	43.63	27.75
		For Work In Restricted Working Space, Add	*12.46*	
23 21 13 23-2025	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	49.29	31.26
		For Work In Restricted Working Space, Add	*14.06*	
23 21 13 23-2026	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	62.82	39.74
		For Work In Restricted Working Space, Add	*17.85*	
23 21 13 23-2027	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	102.46	58.79
		For Work In Restricted Working Space, Add	*26.42*	
23 21 13 23-2028	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	135.24	77.29
		For Work In Restricted Working Space, Add	*34.76*	
23 21 13 23-2029	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	169.62	91.81
		For Work In Restricted Working Space, Add	*41.29*	

23 21 13 23-2030 Schedule 40 Polyvinyl Chloride (PVC) P-Traps *(23 21 13 23-1922)*

23 21 13 23-2031	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) P-Traps	30.59	16.18
		For Work In Restricted Working Space, Add	*7.27*	

23 21 13 23-2032 Schedule 40 Polyvinyl Chloride (PVC) Couplings *(23 21 13 23-1922)*

23 21 13 23-2033	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Couplings	18.28	11.89
		For Work In Restricted Working Space, Add	*5.33*	
23 21 13 23-2034	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Couplings	24.38	15.74
		For Work In Restricted Working Space, Add	*7.10*	
23 21 13 23-2035	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Couplings	30.67	19.60
		For Work In Restricted Working Space, Add	*8.81*	
23 21 13 23-2036	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Couplings	43.28	27.75
		For Work In Restricted Working Space, Add	*12.46*	
23 21 13 23-2037	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Couplings	48.77	31.26
		For Work In Restricted Working Space, Add	*14.06*	
23 21 13 23-2038	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Couplings	62.47	39.74
		For Work In Restricted Working Space, Add	*17.85*	
23 21 13 23-2039	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Couplings	94.70	58.79
		For Work In Restricted Working Space, Add	*26.42*	
23 21 13 23-2040	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Couplings	126.26	77.29
		For Work In Restricted Working Space, Add	*34.76*	
23 21 13 23-2041	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Couplings	152.71	91.81
		For Work In Restricted Working Space, Add	*41.29*	
23 21 13 23-2042	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Couplings	205.07	104.91
		For Work In Restricted Working Space, Add	*47.18*	
23 21 13 23-2043	EA	8" Schedule 40 Polyvinyl Chloride (PVC) Couplings	272.79	122.42
		For Work In Restricted Working Space, Add	*55.04*	
23 21 13 23-2044	EA	10" Schedule 40 Polyvinyl Chloride (PVC) Couplings	606.58	131.23
		For Work In Restricted Working Space, Add	*59.00*	

23 21 13 23-2045 Schedule 40 Polyvinyl Chloride (PVC) Unions *(23 21 13 23-1922)*

23 21 13 23-2046	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Unions	36.40	19.60
		For Work In Restricted Working Space, Add	*8.81*	
23 21 13 23-2047	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Unions	50.25	23.67
		For Work In Restricted Working Space, Add	*10.65*	
23 21 13 23-2048	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Unions	63.33	31.26
		For Work In Restricted Working Space, Add	*14.06*	
23 21 13 23-2049	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Unions	99.63	39.74
		For Work In Restricted Working Space, Add	*17.85*	
23 21 13 23-2050	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Unions	112.88	47.34
		For Work In Restricted Working Space, Add	*21.31*	
23 21 13 23-2051	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Unions	144.50	58.79
		For Work In Restricted Working Space, Add	*26.42*	
23 21 13 23-2052	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Unions	218.27	77.29
		For Work In Restricted Working Space, Add	*34.76*	
23 21 13 23-2053	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Unions	246.12	91.81
		For Work In Restricted Working Space, Add	*41.29*	
23 21 13 23-2054	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Unions	398.64	122.42
		For Work In Restricted Working Space, Add	*55.04*	
23 21 13 23-2055	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Unions	525.07	157.87
		For Work In Restricted Working Space, Add	*71.00*	
23 21 13 23-2056	EA	8" Schedule 40 Polyvinyl Chloride (PVC) Unions	769.27	195.74
		For Work In Restricted Working Space, Add	*88.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2057	EA	10" Schedule 40 Polyvinyl Chloride (PVC) Unions	1,148.67	242.97
		For Work In Restricted Working Space, Add	*109.30*	

23 21 13 23-2058 Schedule 40 Polyvinyl Chloride (PVC) Caps *(23 21 13 23-1922)*

23 21 13 23-2059	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Caps	8.81	5.36
		For Work In Restricted Working Space, Add	*2.43*	
23 21 13 23-2060	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Caps	11.53	7.05
		For Work In Restricted Working Space, Add	*3.20*	
23 21 13 23-2061	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Caps	14.61	8.70
		For Work In Restricted Working Space, Add	*3.96*	
23 21 13 23-2062	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Caps	20.87	12.50
		For Work In Restricted Working Space, Add	*5.69*	
23 21 13 23-2063	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Caps	23.17	13.87
		For Work In Restricted Working Space, Add	*6.32*	
23 21 13 23-2064	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Caps	29.30	17.73
		For Work In Restricted Working Space, Add	*8.03*	
23 21 13 23-2065	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Caps	47.92	26.21
		For Work In Restricted Working Space, Add	*11.89*	
23 21 13 23-2066	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Caps	61.13	34.45
		For Work In Restricted Working Space, Add	*15.65*	
23 21 13 23-2067	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Caps	82.51	40.84
		For Work In Restricted Working Space, Add	*18.58*	
23 21 13 23-2068	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Caps	120.06	46.68
		For Work In Restricted Working Space, Add	*21.23*	
23 21 13 23-2069	EA	8" Schedule 40 Polyvinyl Chloride (PVC) Caps	247.41	54.50
		For Work In Restricted Working Space, Add	*24.77*	
23 21 13 23-2070	EA	10" Schedule 40 Polyvinyl Chloride (PVC) Caps	733.03	81.25
		For Work In Restricted Working Space, Add	*36.93*	

23 21 13 23-2071 Schedule 40 Polyvinyl Chloride (PVC) 150 Lb. Flanges *(23 21 13 23-1922)*

23 21 13 23-2072	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) 150 Lb. Socket Weld Flanges	46.89	19.60
		For Work In Restricted Working Space, Add	*8.81*	
23 21 13 23-2073	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) 150 Lb. Flanges	62.37	23.67
		For Work In Restricted Working Space, Add	*10.65*	
23 21 13 23-2074	EA	1" Schedule 40 Polyvinyl Chloride (PVC) 150 Lb. Flanges	76.76	31.26
		For Work In Restricted Working Space, Add	*14.06*	
23 21 13 23-2075	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) 150 Lb. Flanges	90.30	39.74
		For Work In Restricted Working Space, Add	*17.85*	
23 21 13 23-2076	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) 150 Lb. Flanges	102.50	47.34
		For Work In Restricted Working Space, Add	*21.31*	
23 21 13 23-2077	EA	2" Schedule 40 Polyvinyl Chloride (PVC) 150 Lb. Flanges	129.93	58.79
		For Work In Restricted Working Space, Add	*26.42*	
23 21 13 23-2078	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) 150 Lb. Flanges	180.51	77.29
		For Work In Restricted Working Space, Add	*34.76*	
23 21 13 23-2079	EA	3" Schedule 40 Polyvinyl Chloride (PVC) 150 Lb. Flanges	208.96	91.81
		For Work In Restricted Working Space, Add	*41.29*	
23 21 13 23-2080	EA	4" Schedule 40 Polyvinyl Chloride (PVC) 150 Lb. Flanges	273.83	122.42
		For Work In Restricted Working Space, Add	*55.04*	
23 21 13 23-2081	EA	6" Schedule 40 Polyvinyl Chloride (PVC) 150 Lb. Flanges	378.72	157.87
		For Work In Restricted Working Space, Add	*71.00*	
23 21 13 23-2082	EA	8" Schedule 40 Polyvinyl Chloride (PVC) 150 Lb. Flanges	613.94	195.74
		For Work In Restricted Working Space, Add	*88.03*	
23 21 13 23-2083	EA	10" Schedule 40 Polyvinyl Chloride (PVC) 150 Lb. Flanges	1,086.17	242.64
		For Work In Restricted Working Space, Add	*109.13*	

23 21 13 23-2084 Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe And Fittings *(23 21 13 23-1921)*

Note: ASTM D1785 with D2467 fittings.

23 21 13 23-2085 Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe *(23 21 13 23-2084)*

23 21 13 23-2086	LF	1/2" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	5.27	3.19
		For Work In Restricted Working Space, Add	*1.42*	
23 21 13 23-2087	LF	3/4" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	6.60	3.97
		For Work In Restricted Working Space, Add	*1.77*	
23 21 13 23-2088	LF	1" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	8.12	4.73
		For Work In Restricted Working Space, Add	*2.12*	
23 21 13 23-2089	LF	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	9.68	5.51
		For Work In Restricted Working Space, Add	*2.48*	
23 21 13 23-2090	LF	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	11.13	6.27
		For Work In Restricted Working Space, Add	*2.84*	
23 21 13 23-2091	LF	2" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	14.27	7.93
		For Work In Restricted Working Space, Add	*3.55*	
23 21 13 23-2092	LF	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	16.66	8.70
		For Work In Restricted Working Space, Add	*3.91*	
23 21 13 23-2093	LF	3" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	19.01	9.47
		For Work In Restricted Working Space, Add	*4.26*	
23 21 13 23-2094	LF	4" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	24.83	11.89
		For Work In Restricted Working Space, Add	*5.33*	
23 21 13 23-2095	LF	6" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	37.12	15.74
		For Work In Restricted Working Space, Add	*7.10*	
23 21 13 23-2096	LF	8" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	48.71	18.82
		For Work In Restricted Working Space, Add	*8.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2097	LF	10" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	93.47	20.25
		For Work In Restricted Working Space, Add	*9.12*	

23 21 13 23-2098 Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows *(23 21 13 23-2084)*

23 21 13 23-2099	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	20.90	11.89
		For Work In Restricted Working Space, Add	*5.33*	
		For Threaded Fittings, Add	*2.66*	
23 21 13 23-2100	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	27.78	15.74
		For Work In Restricted Working Space, Add	*7.10*	
		For Threaded Fittings, Add	*3.55*	
23 21 13 23-2101	EA	1" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	35.99	19.60
		For Work In Restricted Working Space, Add	*8.81*	
		For Threaded Fittings, Add	*4.40*	
23 21 13 23-2102	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	50.35	27.75
		For Work In Restricted Working Space, Add	*12.46*	
		For Threaded Fittings, Add	*6.23*	
23 21 13 23-2103	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	56.27	31.26
		For Work In Restricted Working Space, Add	*14.06*	
		For Threaded Fittings, Add	*7.03*	
23 21 13 23-2104	EA	2" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	70.94	39.74
		For Work In Restricted Working Space, Add	*17.85*	
		For Threaded Fittings, Add	*8.93*	
23 21 13 23-2105	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	114.85	58.79
		For Work In Restricted Working Space, Add	*26.42*	
		For Threaded Fittings, Add	*13.21*	
23 21 13 23-2106	EA	3" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	145.97	77.29
		For Work In Restricted Working Space, Add	*34.76*	
		For Threaded Fittings, Add	*17.38*	
23 21 13 23-2107	EA	4" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	183.32	91.81
		For Work In Restricted Working Space, Add	*41.29*	
		For Threaded Fittings, Add	*20.64*	
23 21 13 23-2108	EA	6" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	322.38	104.91
		For Work In Restricted Working Space, Add	*47.18*	
		For Threaded Fittings, Add	*23.59*	
23 21 13 23-2109	EA	8" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	542.38	122.42
		For Work In Restricted Working Space, Add	*55.04*	
		For Threaded Fittings, Add	*27.52*	
23 21 13 23-2110	EA	10" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	678.11	182.53
		For Work In Restricted Working Space, Add	*82.08*	
		For Threaded Fittings, Add	*41.04*	

23 21 13 23-2111 Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows *(23 21 13 23-2084)*

23 21 13 23-2112	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	23.78	11.89
		For Work In Restricted Working Space, Add	*5.33*	
		For Threaded Fittings, Add	*2.66*	
23 21 13 23-2113	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	32.84	15.74
		For Work In Restricted Working Space, Add	*7.10*	
		For Threaded Fittings, Add	*3.55*	
23 21 13 23-2114	EA	1" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	43.14	19.60
		For Work In Restricted Working Space, Add	*8.81*	
		For Threaded Fittings, Add	*4.40*	
23 21 13 23-2115	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	59.16	27.75
		For Work In Restricted Working Space, Add	*12.46*	
		For Threaded Fittings, Add	*6.23*	
23 21 13 23-2116	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	67.61	31.26
		For Work In Restricted Working Space, Add	*14.06*	
		For Threaded Fittings, Add	*7.03*	
23 21 13 23-2117	EA	2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	86.46	39.74
		For Work In Restricted Working Space, Add	*17.85*	
		For Threaded Fittings, Add	*8.93*	
23 21 13 23-2118	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	144.77	58.79
		For Work In Restricted Working Space, Add	*26.42*	
		For Threaded Fittings, Add	*13.21*	
23 21 13 23-2119	EA	3" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	184.87	77.29
		For Work In Restricted Working Space, Add	*34.76*	
		For Threaded Fittings, Add	*17.38*	
23 21 13 23-2120	EA	4" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	261.91	91.81
		For Work In Restricted Working Space, Add	*41.29*	
		For Threaded Fittings, Add	*20.64*	
23 21 13 23-2121	EA	6" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	313.76	104.91
		For Work In Restricted Working Space, Add	*47.18*	
		For Threaded Fittings, Add	*23.59*	
23 21 13 23-2122	EA	8" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	522.78	122.42
		For Work In Restricted Working Space, Add	*55.04*	
		For Threaded Fittings, Add	*27.52*	
23 21 13 23-2123	EA	10" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	656.07	182.53
		For Work In Restricted Working Space, Add	*82.08*	
		For Threaded Fittings, Add	*41.04*	

23 21 13 23-2124 Schedule 80 Polyvinyl Chloride (PVC) Tees *(23 21 13 23-2084)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2125	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Tees	36.85	18.60
		For Work In Restricted Working Space, Add	*8.36*	
		For Threaded Fittings, Add	*4.18*	
23 21 13 23-2126	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Tees	44.93	23.67
		For Work In Restricted Working Space, Add	*10.65*	
		For Threaded Fittings, Add	*5.33*	
23 21 13 23-2127	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Tees	58.63	31.26
		For Work In Restricted Working Space, Add	*14.06*	
		For Threaded Fittings, Add	*7.03*	
23 21 13 23-2128	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Tees	92.05	39.74
		For Work In Restricted Working Space, Add	*17.85*	
		For Threaded Fittings, Add	*8.93*	
23 21 13 23-2129	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Tees	103.56	47.34
		For Work In Restricted Working Space, Add	*21.31*	
		For Threaded Fittings, Add	*10.65*	
23 21 13 23-2130	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Tees	128.80	58.79
		For Work In Restricted Working Space, Add	*26.42*	
		For Threaded Fittings, Add	*13.21*	
23 21 13 23-2131	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Tees	160.19	77.29
		For Work In Restricted Working Space, Add	*34.76*	
		For Threaded Fittings, Add	*17.38*	
23 21 13 23-2132	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Tees	192.92	91.81
		For Work In Restricted Working Space, Add	*41.29*	
		For Threaded Fittings, Add	*20.64*	
23 21 13 23-2133	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Tees	247.59	122.42
		For Work In Restricted Working Space, Add	*55.04*	
		For Threaded Fittings, Add	*27.52*	
23 21 13 23-2134	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Tees	455.78	157.87
		For Work In Restricted Working Space, Add	*71.03*	
		For Threaded Fittings, Add	*35.51*	
23 21 13 23-2135	EA	8" Schedule 80 Polyvinyl Chloride (PVC) Tees	801.56	195.85
		For Work In Restricted Working Space, Add	*88.07*	
		For Threaded Fittings, Add	*44.04*	
23 21 13 23-2136	EA	10" Schedule 80 Polyvinyl Chloride (PVC) Tees	1,933.67	292.62
		For Work In Restricted Working Space, Add	*131.63*	
		For Threaded Fittings, Add	*65.81*	

23 21 13 23-2137 Schedule 80 Polyvinyl Chloride (PVC) Crosses *(23 21 13 23-2084)*

23 21 13 23-2138	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Crosses	48.92	23.22
		For Work In Restricted Working Space, Add	*10.45*	
		For Threaded Fittings, Add	*5.23*	
23 21 13 23-2139	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Crosses	59.15	29.61
		For Work In Restricted Working Space, Add	*13.32*	
		For Threaded Fittings, Add	*6.66*	
23 21 13 23-2140	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Crosses	77.01	39.09
		For Work In Restricted Working Space, Add	*17.57*	
		For Threaded Fittings, Add	*8.78*	
23 21 13 23-2141	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Crosses	125.39	49.65
		For Work In Restricted Working Space, Add	*22.32*	
		For Threaded Fittings, Add	*11.16*	
23 21 13 23-2142	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Crosses	139.78	59.23
		For Work In Restricted Working Space, Add	*26.63*	
		For Threaded Fittings, Add	*13.32*	
23 21 13 23-2143	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Crosses	173.94	73.43
		For Work In Restricted Working Space, Add	*33.03*	
		For Threaded Fittings, Add	*16.51*	
23 21 13 23-2144	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Crosses	214.33	96.66
		For Work In Restricted Working Space, Add	*43.46*	
		For Threaded Fittings, Add	*21.73*	
23 21 13 23-2145	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Crosses	258.71	114.71
		For Work In Restricted Working Space, Add	*51.61*	
		For Threaded Fittings, Add	*25.80*	
23 21 13 23-2146	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Crosses	329.86	153.02
		For Work In Restricted Working Space, Add	*68.81*	
		For Threaded Fittings, Add	*34.40*	
23 21 13 23-2147	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Crosses	639.16	197.28
		For Work In Restricted Working Space, Add	*88.75*	
		For Threaded Fittings, Add	*44.37*	
23 21 13 23-2148	EA	8" Schedule 80 Polyvinyl Chloride (PVC) Crosses	1,163.10	244.62
		For Work In Restricted Working Space, Add	*110.03*	
		For Threaded Fittings, Add	*55.02*	
23 21 13 23-2149	EA	10" Schedule 80 Polyvinyl Chloride (PVC) Crosses	2,892.15	365.94
		For Work In Restricted Working Space, Add	*164.61*	
		For Threaded Fittings, Add	*82.31*	

23 21 13 23-2150 Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts *(23 21 13 23-2084)*

23 21 13 23-2151	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	25.51	15.74
		For Work In Restricted Working Space, Add	*7.10*	
23 21 13 23-2152	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	34.68	19.60
		For Work In Restricted Working Space, Add	*8.81*	
23 21 13 23-2153	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	49.91	27.75
		For Work In Restricted Working Space, Add	*12.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2154	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	58.27	31.26
		For Work In Restricted Working Space, Add	*14.06*	
23 21 13 23-2155	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	75.82	39.74
		For Work In Restricted Working Space, Add	*17.85*	
23 21 13 23-2156	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	116.33	58.79
		For Work In Restricted Working Space, Add	*26.42*	
23 21 13 23-2157	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	160.80	77.29
		For Work In Restricted Working Space, Add	*34.76*	
23 21 13 23-2158	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	199.89	91.81
		For Work In Restricted Working Space, Add	*41.29*	
23 21 13 23-2159	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	226.35	104.91
		For Work In Restricted Working Space, Add	*47.18*	
23 21 13 23-2160	EA	8" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	336.80	122.42
		For Work In Restricted Working Space, Add	*55.04*	
23 21 13 23-2161	EA	10" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	541.08	142.13
		For Work In Restricted Working Space, Add	*63.95*	

23 21 13 23-2162 Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts *(23 21 13 23-2084)*

23 21 13 23-2163	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	18.37	11.89
		For Work In Restricted Working Space, Add	*5.33*	
23 21 13 23-2164	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	27.08	15.74
		For Work In Restricted Working Space, Add	*7.10*	
23 21 13 23-2165	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	34.68	19.60
		For Work In Restricted Working Space, Add	*8.81*	
23 21 13 23-2166	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	52.35	27.75
		For Work In Restricted Working Space, Add	*12.46*	
23 21 13 23-2167	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	60.46	31.26
		For Work In Restricted Working Space, Add	*14.06*	
23 21 13 23-2168	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	76.17	39.74
		For Work In Restricted Working Space, Add	*17.85*	
23 21 13 23-2169	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	123.30	58.79
		For Work In Restricted Working Space, Add	*26.42*	
23 21 13 23-2170	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	181.12	77.29
		For Work In Restricted Working Space, Add	*34.76*	
23 21 13 23-2171	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	237.92	91.81
		For Work In Restricted Working Space, Add	*41.29*	

23 21 13 23-2172 Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters *(23 21 13 23-2084)*

23 21 13 23-2173	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	25.17	11.89
		For Work In Restricted Working Space, Add	*5.33*	
23 21 13 23-2174	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	31.88	15.74
		For Work In Restricted Working Space, Add	*7.10*	
23 21 13 23-2175	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	43.66	19.60
		For Work In Restricted Working Space, Add	*8.81*	
23 21 13 23-2176	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	58.29	27.75
		For Work In Restricted Working Space, Add	*12.46*	
23 21 13 23-2177	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	70.92	31.26
		For Work In Restricted Working Space, Add	*14.06*	
23 21 13 23-2178	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	90.91	39.74
		For Work In Restricted Working Space, Add	*17.85*	
23 21 13 23-2179	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	123.83	58.79
		For Work In Restricted Working Space, Add	*26.42*	
23 21 13 23-2180	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	155.56	77.29
		For Work In Restricted Working Space, Add	*34.76*	
23 21 13 23-2181	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	208.18	91.81
		For Work In Restricted Working Space, Add	*41.29*	

23 21 13 23-2182 Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters *(23 21 13 23-2084)*

23 21 13 23-2183	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	23.17	11.89
		For Work In Restricted Working Space, Add	*5.33*	
23 21 13 23-2184	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	31.70	15.74
		For Work In Restricted Working Space, Add	*7.10*	
23 21 13 23-2185	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	41.22	19.60
		For Work In Restricted Working Space, Add	*8.81*	
23 21 13 23-2186	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	60.81	27.75
		For Work In Restricted Working Space, Add	*12.46*	
23 21 13 23-2187	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	70.49	31.26
		For Work In Restricted Working Space, Add	*14.06*	
23 21 13 23-2188	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	100.68	39.74
		For Work In Restricted Working Space, Add	*17.85*	
23 21 13 23-2189	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	153.13	58.79
		For Work In Restricted Working Space, Add	*26.42*	
23 21 13 23-2190	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	189.14	77.29
		For Work In Restricted Working Space, Add	*34.76*	
23 21 13 23-2191	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	263.56	91.81
		For Work In Restricted Working Space, Add	*41.29*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2192		**Schedule 80 Polyvinyl Chloride (PVC) Couplings** *(23 21 13 23-2084)*		
23 21 13 23-2193	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Couplings	23.52	11.89
		For Work In Restricted Working Space, Add	*5.33*	
		For Threaded Fittings, Add	*2.66*	
23 21 13 23-2194	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Couplings	31.44	15.74
		For Work In Restricted Working Space, Add	*7.10*	
		For Threaded Fittings, Add	*3.55*	
23 21 13 23-2195	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Couplings	37.38	19.60
		For Work In Restricted Working Space, Add	*8.81*	
		For Threaded Fittings, Add	*4.40*	
23 21 13 23-2196	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Couplings	53.84	27.75
		For Work In Restricted Working Space, Add	*12.46*	
		For Threaded Fittings, Add	*6.23*	
23 21 13 23-2197	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Couplings	60.11	31.26
		For Work In Restricted Working Space, Add	*14.06*	
		For Threaded Fittings, Add	*7.03*	
23 21 13 23-2198	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Couplings	73.64	39.74
		For Work In Restricted Working Space, Add	*17.85*	
		For Threaded Fittings, Add	*8.93*	
23 21 13 23-2199	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Couplings	123.04	58.79
		For Work In Restricted Working Space, Add	*26.42*	
		For Threaded Fittings, Add	*13.21*	
23 21 13 23-2200	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Couplings	156.09	77.29
		For Work In Restricted Working Space, Add	*34.76*	
		For Threaded Fittings, Add	*17.38*	
23 21 13 23-2201	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Couplings	188.03	91.81
		For Work In Restricted Working Space, Add	*41.29*	
		For Threaded Fittings, Add	*20.64*	
23 21 13 23-2202	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Couplings	265.69	104.91
		For Work In Restricted Working Space, Add	*47.18*	
		For Threaded Fittings, Add	*23.59*	
23 21 13 23-2203	EA	8" Schedule 80 Polyvinyl Chloride (PVC) Couplings	331.05	122.42
		For Work In Restricted Working Space, Add	*55.04*	
		For Threaded Fittings, Add	*27.52*	
23 21 13 23-2204	EA	10" Schedule 80 Polyvinyl Chloride (PVC) Couplings	632.75	131.23
		For Work In Restricted Working Space, Add	*59.00*	
		For Threaded Fittings, Add	*29.50*	
23 21 13 23-2205		**Schedule 80 Polyvinyl Chloride (PVC) Unions** *(23 21 13 23-2084)*		
23 21 13 23-2206	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Unions	42.27	19.60
		For Work In Restricted Working Space, Add	*8.81*	
23 21 13 23-2207	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Unions	50.42	23.67
		For Work In Restricted Working Space, Add	*10.65*	
23 21 13 23-2208	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Unions	63.86	31.26
		For Work In Restricted Working Space, Add	*14.06*	
23 21 13 23-2209	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Unions	102.07	39.74
		For Work In Restricted Working Space, Add	*17.85*	
23 21 13 23-2210	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Unions	125.79	47.34
		For Work In Restricted Working Space, Add	*21.31*	
23 21 13 23-2211	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Unions	162.29	58.79
		For Work In Restricted Working Space, Add	*26.42*	
23 21 13 23-2212	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Unions	254.08	77.29
		For Work In Restricted Working Space, Add	*34.76*	
23 21 13 23-2213	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Unions	315.75	91.81
		For Work In Restricted Working Space, Add	*41.29*	
23 21 13 23-2214	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Unions	399.16	122.42
		For Work In Restricted Working Space, Add	*55.04*	
23 21 13 23-2215	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Unions	525.07	157.87
		For Work In Restricted Working Space, Add	*71.00*	
23 21 13 23-2216	EA	8" Schedule 80 Polyvinyl Chloride (PVC) Unions	769.27	195.74
		For Work In Restricted Working Space, Add	*88.03*	
23 21 13 23-2217	EA	10" Schedule 80 Polyvinyl Chloride (PVC) Unions	1,148.10	242.64
		For Work In Restricted Working Space, Add	*109.13*	
23 21 13 23-2218		**Schedule 80 Polyvinyl Chloride (PVC) Threaded Unions** *(23 21 13 23-2084)*		
23 21 13 23-2219	EA	1/2", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union	44.38	24.46
23 21 13 23-2220	EA	3/4", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union	53.15	28.29
23 21 13 23-2221	EA	1", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union	64.50	33.36
23 21 13 23-2222	EA	1-1/4", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union	87.01	39.74
23 21 13 23-2223	EA	1-1/2", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union	104.93	47.34
23 21 13 23-2224	EA	2", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union	139.84	58.79
23 21 13 23-2225	EA	3", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union	301.95	113.95
23 21 13 23-2226	EA	4", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union	327.01	126.39
23 21 13 23-2227		**Schedule 80 Polyvinyl Chloride (PVC) Caps** *(23 21 13 23-2084)*		
23 21 13 23-2228	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Caps	16.11	5.29
		For Work In Restricted Working Space, Add	*2.40*	
		For Threaded Fittings, Add	*1.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2229	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Caps	19.21	7.05
		For Work In Restricted Working Space, Add	*3.20*	
		For Threaded Fittings, Add	*1.60*	
23 21 13 23-2230	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Caps	28.38	8.70
		For Work In Restricted Working Space, Add	*3.96*	
		For Threaded Fittings, Add	*1.98*	
23 21 13 23-2231	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Caps	37.01	12.33
		For Work In Restricted Working Space, Add	*5.61*	
		For Threaded Fittings, Add	*2.80*	
23 21 13 23-2232	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Caps	39.40	13.87
		For Work In Restricted Working Space, Add	*6.32*	
		For Threaded Fittings, Add	*3.16*	
23 21 13 23-2233	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Caps	54.24	17.73
		For Work In Restricted Working Space, Add	*8.03*	
		For Threaded Fittings, Add	*4.02*	
23 21 13 23-2234	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Caps	96.06	26.21
		For Work In Restricted Working Space, Add	*11.89*	
		For Threaded Fittings, Add	*5.94*	
23 21 13 23-2235	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Caps	121.14	34.45
		For Work In Restricted Working Space, Add	*15.65*	
		For Threaded Fittings, Add	*7.82*	
23 21 13 23-2236	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Caps	172.87	40.84
		For Work In Restricted Working Space, Add	*18.58*	
		For Threaded Fittings, Add	*9.29*	
23 21 13 23-2237	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Caps	346.39	46.68
		For Work In Restricted Working Space, Add	*21.23*	
		For Threaded Fittings, Add	*10.62*	
23 21 13 23-2238	EA	8" Schedule 80 Polyvinyl Chloride (PVC) Caps	461.18	54.50
		For Work In Restricted Working Space, Add	*24.77*	
		For Threaded Fittings, Add	*12.39*	
23 21 13 23-2239	EA	10" Schedule 80 Polyvinyl Chloride (PVC) Caps	820.24	81.25
		For Work In Restricted Working Space, Add	*36.93*	
		For Threaded Fittings, Add	*18.47*	

23 21 13 23-2240 Schedule 80 Polyvinyl Chloride (PVC) 150 Lb. Flanges *(23 21 13 23-2084)*

23 21 13 23-2241	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) 150 Lb. Flanges	54.39	19.60
		For Work In Restricted Working Space, Add	*8.81*	
		For Threaded Fittings, Add	*4.40*	
23 21 13 23-2242	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) 150 Lb. Flanges	62.37	23.67
		For Work In Restricted Working Space, Add	*10.65*	
		For Threaded Fittings, Add	*5.33*	
23 21 13 23-2243	EA	1" Schedule 80 Polyvinyl Chloride (PVC) 150 Lb. Flanges	76.77	31.26
		For Work In Restricted Working Space, Add	*14.06*	
		For Threaded Fittings, Add	*7.03*	
23 21 13 23-2244	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) 150 Lb. Flanges	90.30	39.74
		For Work In Restricted Working Space, Add	*17.85*	
		For Threaded Fittings, Add	*8.93*	
23 21 13 23-2245	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) 150 Lb. Flanges	102.51	47.34
		For Work In Restricted Working Space, Add	*21.31*	
		For Threaded Fittings, Add	*10.65*	
23 21 13 23-2246	EA	2" Schedule 80 Polyvinyl Chloride (PVC) 150 Lb. Flanges	129.93	58.79
		For Work In Restricted Working Space, Add	*26.42*	
		For Threaded Fittings, Add	*13.21*	
23 21 13 23-2247	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) 150 Lb. Flanges	180.51	77.29
		For Work In Restricted Working Space, Add	*34.76*	
		For Threaded Fittings, Add	*17.38*	
23 21 13 23-2248	EA	3" Schedule 80 Polyvinyl Chloride (PVC) 150 Lb. Flanges	208.96	91.81
		For Work In Restricted Working Space, Add	*41.29*	
		For Threaded Fittings, Add	*20.64*	
23 21 13 23-2249	EA	4" Schedule 80 Polyvinyl Chloride (PVC) 150 Lb. Flanges	273.84	122.42
		For Work In Restricted Working Space, Add	*55.04*	
		For Threaded Fittings, Add	*27.52*	
23 21 13 23-2250	EA	6" Schedule 80 Polyvinyl Chloride (PVC) 150 Lb. Flanges	378.73	157.87
		For Work In Restricted Working Space, Add	*71.00*	
		For Threaded Fittings, Add	*35.50*	
23 21 13 23-2251	EA	8" Schedule 80 Polyvinyl Chloride (PVC) 150 Lb. Flanges	613.94	195.74
		For Work In Restricted Working Space, Add	*88.03*	
		For Threaded Fittings, Add	*44.01*	
23 21 13 23-2252	EA	10" Schedule 80 Polyvinyl Chloride (PVC) 150 Lb. Flanges	1,086.17	242.64
		For Work In Restricted Working Space, Add	*109.13*	
		For Threaded Fittings, Add	*54.57*	

23 21 13 23-2253 Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe *(23 21 13 23-1921)*

Note: In place pipe.

23 21 13 23-2254	EA	1/2", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	5.98	
		For Work In Restricted Working Space, Add	*1.79*	
23 21 13 23-2255	EA	3/4", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	6.45	
		For Work In Restricted Working Space, Add	*1.94*	
23 21 13 23-2256	EA	1", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	7.26	
		For Work In Restricted Working Space, Add	*2.18*	
23 21 13 23-2257	EA	1-1/4", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	7.62	
		For Work In Restricted Working Space, Add	*2.29*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2258		EA	1-1/2", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	8.07	
			For Work In Restricted Working Space, Add	*2.42*	
23 21 13 23-2259		EA	2", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	8.88	
			For Work In Restricted Working Space, Add	*2.66*	
23 21 13 23-2260		EA	2-1/2", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	9.56	
			For Work In Restricted Working Space, Add	*2.87*	
23 21 13 23-2261		EA	3", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	11.29	
			For Work In Restricted Working Space, Add	*3.39*	
23 21 13 23-2262		EA	4", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	15.24	
			For Work In Restricted Working Space, Add	*4.57*	
23 21 13 23-2263		EA	6", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	21.78	
			For Work In Restricted Working Space, Add	*6.53*	
23 21 13 23-2264		EA	8", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	29.05	
			For Work In Restricted Working Space, Add	*8.72*	
23 21 13 23-2265		EA	10", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	35.52	
			For Work In Restricted Working Space, Add	*10.66*	

23 21 13 23-2266 Polyethylene Pipe And Fittings *(23 21 13 23)*

23 21 13 23-2267 Small Diameter Tubing *(23 21 13 23-2266)*

23 21 13 23-2268 Tubing *(23 21 13 23-2267)*

23 21 13 23-2269		LF	1/4" Polyethylene Tubing	3.55	
			For Work In Restricted Working Space, Add	*1.00*	
23 21 13 23-2270		LF	5/16" Polyethylene Tubing	3.82	
			For Work In Restricted Working Space, Add	*1.02*	
23 21 13 23-2271		LF	3/8" Polyethylene Tubing	4.02	
			For Work In Restricted Working Space, Add	*1.04*	
23 21 13 23-2272		LF	1/2" Polyethylene Tubing	4.16	
			For Work In Restricted Working Space, Add	*1.12*	

23 21 16 Hydronic Piping Specialties *(23 21)*

23 21 16 00-0001 Air Vents *(23 21 16)*

23 21 16 00-0002 Screwed Ends, Cast Iron, Automatic Air Vents *(23 21 16 00-0001)*

Note: With guided free floating lever.

23 21 16 00-0003		EA	1/2" NPT, Cast Iron, Automatic Air Vent	329.70	34.68
23 21 16 00-0004		EA	3/4" NPT, Cast Iron, Automatic Air Vent	403.63	46.04
23 21 16 00-0005		EA	1" NPT, Cast Iron, Automatic Air Vent	920.51	47.85
23 21 16 00-0006		EA	1-1/4" NPT, Cast Iron, Automatic Air Vent	1,364.93	73.92
23 21 16 00-0007		EA	1-1/2" NPT, Cast Iron, Automatic Air Vent	2,276.19	79.54
23 21 16 00-0008		EA	2" NPT, Cast Iron, Automatic Air Vent	2,613.51	104.90

23 21 16 00-0009 Forged Steel, Stainless Steel Internals, Automatic Air Vents *(23 21 16 00-0001)*

Note: With guided free floating lever.

23 21 16 00-0010		EA	1/2" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent	2,348.97	40.07
23 21 16 00-0011		EA	3/4" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent	2,945.04	46.04
23 21 16 00-0012		EA	1" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent	3,516.01	47.85
23 21 16 00-0013		EA	1-1/4" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent	5,770.22	74.15
23 21 16 00-0014		EA	1-1/2" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent	6,665.96	79.54
23 21 16 00-0015		EA	2" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent	9,803.21	104.65

23 21 16 00-0016 Automatic Air Vent *(23 21 16 00-0001)*

23 21 16 00-0017		EA	3/4" NPT, Brass, Automatic Air Eliminator (Spirotherm VJR)	255.24	46.04
23 21 16 00-0018		EA	1" NPT, Brass, Automatic Air Eliminator (Spirotherm VJR)	279.61	47.85
23 21 16 00-0019		EA	1-1/4" NPT, Brass, Automatic Air Eliminator (Spirotherm VJR)	395.58	73.92
23 21 16 00-0020		EA	1-1/2" NPT, Brass, Automatic Air Eliminator (Spirotherm VJR)	489.75	79.54
23 21 16 00-0021		EA	2" NPT, Brass, Automatic Air Eliminator (Spirotherm VJR)	626.15	85.71

23 21 16 00-0022 Manual Air Vent *(23 21 16 00-0001)*

23 21 16 00-0023		EA	Manual Air Vent	82.59	43.17

23 21 16 00-0024 Air Release Valves *(23 21 16 00-0001)*

23 21 16 00-0025 Simple Lever, Cast Iron, Clean Water Air Release Valves (Apco 50) *(23 21 16 00-0024)*

Note: Up to 175 psi. Stainless steel float.

23 21 16 00-0026		EA	1/2" NPT, Simple Lever, Cast Iron, Clean Water Air Release Valves (Apco 50)	203.08	17.94
23 21 16 00-0027		EA	3/4" NPT, Simple Lever, Cast Iron, Clean Water Air Release Valves (Apco 50)	207.87	20.33
23 21 16 00-0028		EA	1" NPT, Simple Lever, Cast Iron, Clean Water Air Release Valves (Apco 50)	217.43	25.12

23 21 16 00-0029 Cast Iron, Compound Lever, Clean Water Air Release Valves (Apco 200) *(23 21 16 00-0024)*

Note: Up to 175 psi. Stainless steel float.

23 21 16 00-0030		EA	1" NPT, Cast Iron, Compound Lever, Clean Water Air Release Valves (Apco 200A)	831.57	25.12
23 21 16 00-0031		EA	2" NPT, Cast Iron, Compound Lever, Clean Water Air Release Valves (Apco 200)	997.63	43.66

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0032	EA	3" Flanged, Cast Iron, Compound Lever, Clean Water Air Release Valves (Apco 200)	1,308.26	101.79
23 21 16 00-0033		**Cast Iron, Air/Vacuum Valves** *(23 21 16 00-0024)*		
		Note: Up to 150 psi. Stainless steel float.		
23 21 16 00-0034	EA	1/2" NPT, Cast Iron, Air/Vacuum Valve (Apco 141)	402.13	17.94
23 21 16 00-0035	EA	1" NPT, Cast Iron, Air/Vacuum Valve (Apco 142)	496.10	25.12
23 21 16 00-0036	EA	2" NPT, Cast Iron, Air/Vacuum Valve (Apco 144)	856.97	43.66
23 21 16 00-0037	EA	3" Flanged, Cast Iron, Air/Vacuum Valve (Apco 146)	1,244.56	101.79
23 21 16 00-0038	EA	4" Flanged, Cast Iron, Air/Vacuum Valve (Apco 152)	1,946.64	170.86
23 21 16 00-0039	EA	6" Flanged, Cast Iron, Air/Vacuum Valve (Apco 153)	2,963.88	216.06
23 21 16 00-0040		**Ductile Iron, Combination Air Release And Vacuum Valves, Single Body Double Orifice** *(23 21 16 00-0024)*		
		Note: Up to 150 psi. Stainless Steel float.		
23 21 16 00-0041	EA	1" NPT, Ductile Iron, Combination Air Release And Vacuum Valves, Single Body Double Orifice (Apco 143C)	719.04	25.12
23 21 16 00-0042	EA	2" NPT, Ductile Iron, Combination Air Release And Vacuum Valves, Single Body Double Orifice (Apco 145C)	1,103.79	43.66
23 21 16 00-0043	EA	3" Flanged, Ductile Iron, Combination Air Release And Vacuum Valves, Single Body Double Orifice (Apco 147C)	2,027.49	101.79
23 21 16 00-0044	EA	4" Flanged, Ductile Iron, Combination Air Release And Vacuum Valves, Single Body Double Orifice (Apco 149C)	2,628.72	170.86
23 21 16 00-0045		**Vent Valves** *(23 21 16)*		
23 21 16 00-0046	EA	1/8", 1.5 PSIG Operating Pressure, Non-Vacuum Adjustable Angle Radiator Steam Vent Valve (Hoffman 1A)	84.13	17.94
23 21 16 00-0047	EA	1/2" x 3/4", 35 PSIG Operating Pressure, Straight Steam Unit Heater Air Vent Valve (Hoffman 74)	205.32	19.30
23 21 16 00-0048	EA	1/2" x 3/4", 3 PSIG Operating Pressure, Non-Vacuum Main Steam Air Vent Valve (Hoffman 75)	195.65	19.30
23 21 16 00-0049	EA	1/2" x 3/4", 10 PSIG Operating Pressure, Non Vacuum Straight Non-Vacuum Main Steam Air Vent Valve (Hoffman 75H)	202.42	19.30
23 21 16 00-0050	EA	3/4", 150 PSIG Operating Pressure, Straight Water Main Vent Valve (Hoffman 78)	261.67	19.30
23 21 16 00-0051	EA	1/2" x 3/4", 75 PSIG Operating Pressure, Straight Water Main Vent Valve (Hoffman 79)	192.99	19.30
23 21 16 00-0052		**Threaded Inlet, Drip-Pan Elbow** *(23 21 16)*		
23 21 16 00-0053		**Cast Iron, Threaded Inlet, Drip-Pan Elbow** *(23 21 16 00-0052)*		
23 21 16 00-0054	EA	2-1/2" Cast Iron, Threaded Inlet, Drip-Pan Elbow	259.62	30.15
		For Flanged Inlet, Add	*95.32*	
23 21 16 00-0055	EA	3" Cast Iron, Threaded Inlet, Drip-Pan Elbow	294.59	35.74
		For Flanged Inlet, Add	*102.33*	
23 21 16 00-0056	EA	3-1/2" Cast Iron, Threaded Inlet, Drip-Pan Elbow	369.70	41.32
		For Flanged Inlet, Add	*138.05*	
23 21 16 00-0057	EA	4" Cast Iron, Threaded Inlet, Drip-Pan Elbow	546.48	46.91
		For Flanged Inlet, Add	*242.88*	
23 21 16 00-0058	EA	5" Cast Iron, Threaded Inlet, Drip-Pan Elbow	618.21	55.85
		For Flanged Inlet, Add	*268.49*	
23 21 16 00-0059	EA	6" Cast Iron, Threaded Inlet, Drip-Pan Elbow	856.23	70.37
		For Flanged Inlet, Add	*392.37*	
23 21 16 00-0060	EA	8" Cast Iron, Threaded Inlet, Drip-Pan Elbow	1,907.71	92.70
		For Flanged Inlet, Add	*1,044.09*	
23 21 16 00-0061		**Cast Steel, Threaded Inlet, Drip-Pan Elbow** *(23 21 16 00-0052)*		
23 21 16 00-0062	EA	2-1/2" Cast Steel, Threaded Inlet, Drip-Pan Elbow	794.98	30.15
		For Flanged Inlet, Add	*459.36*	
23 21 16 00-0063	EA	3" Cast Steel, Threaded Inlet, Drip-Pan Elbow	962.67	35.74
		For Flanged Inlet, Add	*556.62*	
23 21 16 00-0064	EA	3-1/2" Cast Steel, Threaded Inlet, Drip-Pan Elbow	1,386.61	41.32
		For Flanged Inlet, Add	*829.55*	
23 21 16 00-0065	EA	4" Cast Steel, Threaded Inlet, Drip-Pan Elbow	1,409.22	46.91
		For Flanged Inlet, Add	*829.55*	
23 21 16 00-0066	EA	5" Cast Steel, Threaded Inlet, Drip-Pan Elbow	2,043.51	55.85
		For Flanged Inlet, Add	*1,237.70*	
23 21 16 00-0067	EA	6" Cast Steel, Threaded Inlet, Drip-Pan Elbow	2,099.36	70.37
		For Flanged Inlet, Add	*1,237.70*	
23 21 16 00-0068	EA	8" Cast Steel, Threaded Inlet, Drip-Pan Elbow	3,497.92	92.70
		For Flanged Inlet, Add	*2,125.43*	
23 21 16 00-0069		**Y-Type Strainers** *(23 21 16)*		
23 21 16 00-0070		**Screwed Ends, 250 Lb., Iron Body, Y-Type Strainers** *(23 21 16 00-0069)*		
23 21 16 00-0071	EA	1/4" Or 3/8" Screwed Ends, 250 Lb., Iron Body, Y-Type Strainer	83.88	13.39
		For Galvanized Body, Add	*22.81*	
		For Work In Restricted Working Space, Add	*11.48*	
23 21 16 00-0072	EA	1/2" Screwed Ends, 250 Lb., Iron Body, Y-Type Strainer	84.48	13.64
		For Galvanized Body, Add	*22.81*	
		For Work In Restricted Working Space, Add	*11.66*	
23 21 16 00-0073	EA	3/4" Screwed Ends, 250 Lb., Iron Body, Y-Type Strainer	107.06	18.42
		For Galvanized Body, Add	*27.22*	
		For Work In Restricted Working Space, Add	*15.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0074	EA	1" Screwed Ends, 250 Lb., Iron Body, Y-Type Strainer	136.35	22.00
		For Galvanized Body, Add	*36.78*	
		For Work In Restricted Working Space, Add	*18.84*	
23 21 16 00-0075	EA	1-1/4" Screwed Ends, 250 Lb., Iron Body, Y-Type Strainer	178.52	27.21
		For Galvanized Body, Add	*50.39*	
		For Work In Restricted Working Space, Add	*23.33*	
23 21 16 00-0076	EA	1-1/2" Screwed Ends, 250 Lb., Iron Body, Y-Type Strainer	205.09	29.31
		For Galvanized Body, Add	*60.69*	
		For Work In Restricted Working Space, Add	*25.12*	
23 21 16 00-0077	EA	2" Screwed Ends, 250 Lb., Iron Body, Y-Type Strainer	282.52	33.48
		For Galvanized Body, Add	*93.42*	
		For Work In Restricted Working Space, Add	*28.70*	
23 21 16 00-0078	EA	2-1/2" Screwed Ends, 250 Lb., Iron Body, Y-Type Strainer	539.62	41.86
		For Galvanized Body, Add	*210.01*	
		For Work In Restricted Working Space, Add	*35.88*	
23 21 16 00-0079	EA	3" Screwed Ends, 250 Lb., Iron Body, Y-Type Strainer	698.24	52.39
		For Galvanized Body, Add	*274.37*	
		For Work In Restricted Working Space, Add	*44.85*	

23 21 16 00-0080 Flanged, 125 Lb., Iron Body , Y-Type Strainers *(23 21 16 00-0069)*

23 21 16 00-0081	EA	1-1/2" Flanged, 125 Lb., Iron Body, Y-Type Strainer	504.84	125.58
		For Galvanized Body, Add	*173.74*	
		For Work In Restricted Working Space, Add	*47.21*	
23 21 16 00-0082	EA	2" Flanged, 125 Lb., Iron Body, Y-Type Strainer	575.36	159.43
		For Galvanized Body, Add	*188.01*	
		For Work In Restricted Working Space, Add	*59.80*	
23 21 16 00-0083	EA	3" Flanged, 125 Lb., Iron Body, Y-Type Strainer	1,150.88	203.33
		For Galvanized Body, Add	*448.21*	
		For Work In Restricted Working Space, Add	*76.34*	
23 21 16 00-0084	EA	4" Flanged, 125 Lb., Iron Body, Y-Type Strainer	1,444.41	340.87
		For Galvanized Body, Add	*508.63*	
		For Work In Restricted Working Space, Add	*128.15*	
23 21 16 00-0085	EA	5" Flanged, 125 Lb., Iron Body, Y-Type Strainer	1,566.58	343.34
		For Galvanized Body, Add	*569.03*	
		For Work In Restricted Working Space, Add	*128.56*	
23 21 16 00-0086	EA	6" Flanged, 125 Lb., Iron Body, Y-Type Strainer	1,891.99	381.50
		For Galvanized Body, Add	*706.71*	
		For Work In Restricted Working Space, Add	*143.57*	
23 21 16 00-0087	EA	8" Flanged, 125 Lb., Iron Body, Y-Type Strainer	3,389.28	487.46
		For Galvanized Body, Add	*1,391.87*	
		For Work In Restricted Working Space, Add	*181.66*	
23 21 16 00-0088	EA	10" Flanged, 125 Lb., Iron Body, Y-Type Strainer	6,946.24	593.43
		For Galvanized Body, Add	*3,102.23*	
		For Work In Restricted Working Space, Add	*222.53*	
23 21 16 00-0089	EA	12" Flanged, 125 Lb., Iron Body, Y-Type Strainer	7,510.96	529.85
		For Galvanized Body, Add	*3,225.63*	
		For Work In Restricted Working Space, Add	*317.91*	

23 21 16 00-0090 Screwed Ends, 150 Lb., Bronze Body, Y-Type Strainers *(23 21 16 00-0069)*

Note: With screwed cap (4" size has bolted cap).

23 21 16 00-0091	EA	1/2" Screwed Ends, 150 Lb., Bronze Body, Y-Type Strainer	74.60	13.64
		For 300 Lb. Rating, Add	*60.74*	
		For Work In Restricted Working Space, Add	*11.66*	
23 21 16 00-0092	EA	3/4" Screwed Ends, 150 Lb., Bronze Body, Y-Type Strainer	99.07	18.42
		For 300 Lb. Rating, Add	*78.95*	
		For Work In Restricted Working Space, Add	*15.79*	
23 21 16 00-0093	EA	1" Screwed Ends, 150 Lb., Bronze Body, Y-Type Strainer	121.29	22.00
		For 300 Lb. Rating, Add	*99.45*	
		For Work In Restricted Working Space, Add	*18.84*	
23 21 16 00-0094	EA	1-1/4" Screwed Ends, 150 Lb., Bronze Body, Y-Type Strainer	165.64	27.21
		For 300 Lb. Rating, Add	*149.41*	
		For Work In Restricted Working Space, Add	*23.33*	
23 21 16 00-0095	EA	1-1/2" Screwed Ends, 150 Lb., Bronze Body, Y-Type Strainer	197.87	29.31
		For 300 Lb. Rating, Add	*194.06*	
		For Work In Restricted Working Space, Add	*25.12*	
23 21 16 00-0096	EA	2" Screwed Ends, 150 Lb., Bronze Body, Y-Type Strainer	265.65	33.48
		For 300 Lb. Rating, Add	*288.95*	
		For Work In Restricted Working Space, Add	*28.70*	
23 21 16 00-0097	EA	2-1/2" Screwed Ends, 150 Lb., Bronze Body, Y-Type Strainer	374.60	41.86
		For 300 Lb. Rating, Add	*433.50*	
		For Work In Restricted Working Space, Add	*35.88*	
23 21 16 00-0098	EA	3" Screwed Ends, 150 Lb., Bronze Body, Y-Type Strainer	678.21	52.39
		For 300 Lb. Rating, Add	*898.81*	
		For Work In Restricted Working Space, Add	*44.85*	
23 21 16 00-0099	EA	4" Screwed Ends, 150 Lb., Bronze Body, Y-Type Strainer	1,182.81	62.79
		For 300 Lb. Rating, Add	*1,705.78*	
		For Work In Restricted Working Space, Add	*53.82*	

23 21 16 00-0100 Flanged, 150 Lb., Bronze Body, Y-Type Strainers *(23 21 16 00-0069)*

Note: With bolted cap.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0101	EA	2" Flanged, 150 Lb., Bronze Body, Y-Type Strainer	643.15	159.43
		For 300 Lb. Rating, Add	*266.29*	
		For Work In Restricted Working Space, Add	*59.80*	
23 21 16 00-0102	EA	2-1/2" Flanged, 150 Lb., Bronze Body, Y-Type Strainer	669.63	173.43
		For 300 Lb. Rating, Add	*271.31*	
		For Work In Restricted Working Space, Add	*65.24*	
23 21 16 00-0103	EA	3" Flanged, 150 Lb., Bronze Body, Y-Type Strainer	772.25	203.33
		For 300 Lb. Rating, Add	*310.67*	
		For Work In Restricted Working Space, Add	*76.34*	
23 21 16 00-0104	EA	4" Flanged, 150 Lb., Bronze Body, Y-Type Strainer	1,685.29	340.87
		For 300 Lb. Rating, Add	*754.88*	
		For Work In Restricted Working Space, Add	*128.15*	
23 21 16 00-0105	EA	6" Flanged, 150 Lb., Bronze Body, Y-Type Strainer	2,385.68	381.50
		For 300 Lb. Rating, Add	*1,144.27*	
		For Work In Restricted Working Space, Add	*143.57*	
23 21 16 00-0106	EA	8" Flanged, 150 Lb., Bronze Body, Y-Type Strainer	3,860.17	487.46
		For 300 Lb. Rating, Add	*1,952.78*	
		For Work In Restricted Working Space, Add	*181.66*	
23 21 16 00-0107	EA	10" Flanged, 150 Lb., Bronze Body, Y-Type Strainer	12,423.10	593.43
		For 300 Lb. Rating, Add	*7,008.79*	
		For Work In Restricted Working Space, Add	*222.53*	

23 21 16 00-0108 Crimped Bronze Body, Class 125, Y-Type Strainers *(23 21 16 00-0069)*

Note: Nibco®

23 21 16 00-0109	EA	1/2" Class 125, Crimped Bronze Body, Y-Type Strainer	186.88	11.96
		For Work In Restricted Working Space, Add	*8.07*	
23 21 16 00-0110	EA	3/4" Class 125, Crimped Bronze Body, Y-Type Strainer	216.57	13.15
		For Work In Restricted Working Space, Add	*9.19*	
23 21 16 00-0111	EA	1" Class 125, Crimped Bronze Body, Y-Type Strainer	309.56	14.95
		For Work In Restricted Working Space, Add	*10.98*	
23 21 16 00-0112	EA	1-1/4" Class 125, Crimped Bronze Body, Y-Type Strainer	416.59	15.91
		For Work In Restricted Working Space, Add	*12.11*	
23 21 16 00-0113	EA	1-1/2" Class 125, Crimped Bronze Body, Y-Type Strainer	502.24	18.41
		For Work In Restricted Working Space, Add	*13.45*	
23 21 16 00-0114	EA	2" Class 125, Crimped Bronze Body, Y-Type Strainer	746.01	21.75
		For Work In Restricted Working Space, Add	*16.14*	

23 21 16 00-0115 Crimped Bronze Body, 250 PSI, Y-Type Strainers *(23 21 16 00-0069)*

23 21 16 00-0116	EA	1/2" 250 PSI, Crimped Bronze Body, Y-Type Strainer	78.00	11.96
23 21 16 00-0117	EA	3/4" 250 PSI, Crimped Bronze Body, Y-Type Strainer	95.05	13.15
23 21 16 00-0118	EA	1" 250 PSI, Crimped Bronze Body, Y-Type Strainer	138.80	14.95
23 21 16 00-0119	EA	1-1/4" 250 PSI, Crimped Bronze Body, Y-Type Strainer	169.38	15.91
23 21 16 00-0120	EA	1-1/2" 250 PSI, Crimped Bronze Body, Y-Type Strainer	201.92	18.41
23 21 16 00-0121	EA	2" 250 PSI, Crimped Bronze Body, Y-Type Strainer	264.85	21.75

23 21 16 00-0122 Cast Iron Body, Suction Diffusers *(23 21 16)*

Note: 175 PSI, steel inlet vanes, steel orifice cylinder and 16 mesh bronze startup strainer.

23 21 16 00-0123	EA	2" x 1-1/2" Screwed Ends, 175 Lb., Cast Iron Body, Suction Diffuser	562.87	47.12
		For Work In Restricted Working Space, Add	*23.07*	
23 21 16 00-0124	EA	2" x 2" Screwed Ends, 175 Lb., Cast Iron Body, Suction Diffuser	590.83	52.27
		For Work In Restricted Working Space, Add	*25.63*	
23 21 16 00-0125	EA	2-1/2" x 2" Screwed Ends, 175 Lb., Cast Iron Body, Suction Diffuser	600.00	54.89
		For Work In Restricted Working Space, Add	*26.92*	
23 21 16 00-0126	EA	2-1/2" x 2-1/2" Flanged, 175 Lb., Cast Iron Body, Suction Diffuser	1,131.06	173.43
		For Work In Restricted Working Space, Add	*65.24*	
23 21 16 00-0127	EA	3" x 1-1/2" Screwed Ends, 175 Lb., Cast Iron Body, Suction Diffuser	619.34	63.87
		For Work In Restricted Working Space, Add	*31.27*	
23 21 16 00-0128	EA	3" x 2" Screwed Ends, 175 Lb., Cast Iron Body, Suction Diffuser	701.96	63.87
		For Work In Restricted Working Space, Add	*31.27*	
23 21 16 00-0129	EA	3" x 2-1/2" Flanged, 175 Lb., Cast Iron Body, Suction Diffuser	1,183.59	188.77
		For Work In Restricted Working Space, Add	*70.79*	
23 21 16 00-0130	EA	3" x 3" Flanged, 175 Lb., Cast Iron Body, Suction Diffuser	1,206.96	203.33
		For Work In Restricted Working Space, Add	*76.34*	
23 21 16 00-0131	EA	4" x 3" Flanged, 175 Lb., Cast Iron Body, Suction Diffuser	1,463.39	272.65
		For Work In Restricted Working Space, Add	*102.24*	
23 21 16 00-0132	EA	4" x 4" Flanged, 175 Lb., Cast Iron Body, Suction Diffuser	1,719.82	340.87
		For Work In Restricted Working Space, Add	*128.15*	
23 21 16 00-0133	EA	6" x 4" Flanged, 175 Lb., Cast Iron Body, Suction Diffuser	1,973.89	342.81
		For Work In Restricted Working Space, Add	*128.56*	
23 21 16 00-0134	EA	6" x 6" Flanged, 175 Lb., Cast Iron Body, Suction Diffuser	2,388.41	381.50
		For Work In Restricted Working Space, Add	*143.57*	
23 21 16 00-0135	EA	8" x 6" Flanged, 175 Lb., Cast Iron Body, Suction Diffuser	2,695.19	487.46
		For Work In Restricted Working Space, Add	*181.66*	
23 21 16 00-0136	EA	8" x 8" Flanged, 175 Lb., Cast Iron Body, Suction Diffuser	4,196.81	487.46
		For Work In Restricted Working Space, Add	*181.66*	
23 21 16 00-0137	EA	10" x 8" Flanged, 175 Lb., Cast Iron Body, Suction Diffuser	4,789.86	593.43
		For Work In Restricted Working Space, Add	*222.53*	
23 21 16 00-0138	EA	10" x 10" Flanged, 175 Lb., Cast Iron Body, Suction Diffuser	5,611.14	593.43
		For Work In Restricted Working Space, Add	*222.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0139		Duplex Strainers *(23 21 16)*		
23 21 16 00-0140		Iron Body, Duplex Strainers *(23 21 16 00-0139)*		
23 21 16 00-0141		Screwed Ends, 125 Lb., Bronze Diverter, Iron Body, Duplex Strainers *(23 21 16 00-0140)*		
		Note: With brass or stainless steel basket.		
23 21 16 00-0142	EA	3/4" Screwed Ends, 125 Lb., Bronze Diverter, Iron Body, Duplex Strainer	970.62	29.78
		For Work In Restricted Working Space, Add	*17.88*	
23 21 16 00-0143	EA	1" Screwed Ends, 125 Lb., Bronze Diverter, Iron Body, Duplex Strainer	1,083.64	34.09
		For Work In Restricted Working Space, Add	*20.47*	
23 21 16 00-0144	EA	1-1/4" Screwed Ends, 125 Lb., Bronze Diverter, Iron Body, Duplex Strainer	1,470.35	40.07
		For Work In Restricted Working Space, Add	*24.03*	
23 21 16 00-0145	EA	1-1/2" Screwed Ends, 125 Lb., Bronze Diverter, Iron Body, Duplex Strainer	1,852.42	43.66
		For Work In Restricted Working Space, Add	*26.19*	
23 21 16 00-0146	EA	2" Screwed Ends, 125 Lb., Bronze Diverter, Iron Body, Duplex Strainer	2,483.99	53.22
		For Work In Restricted Working Space, Add	*32.04*	
23 21 16 00-0147	EA	2-1/2" Screwed Ends, 125 Lb., Bronze Diverter, Iron Body, Duplex Strainer	3,125.60	68.18
		For Work In Restricted Working Space, Add	*40.89*	
23 21 16 00-0148		Flanged, 125 Lb., Bronze Diverter, Iron Body, Duplex Strainers *(23 21 16 00-0140)*		
		Note: With brass or stainless steel basket.		
23 21 16 00-0149	EA	2" Flanged, 125 Lb., Bronze Diverter, Iron Body, Duplex Strainer	3,378.43	159.43
		For Work In Restricted Working Space, Add	*59.80*	
23 21 16 00-0150	EA	2-1/2" Flanged, 125 Lb., Bronze Diverter, Iron Body, Duplex Strainer	3,491.44	173.43
		For Work In Restricted Working Space, Add	*65.24*	
23 21 16 00-0151	EA	3" Flanged, 125 Lb., Bronze Diverter, Iron Body, Duplex Strainer	4,477.44	203.33
		For Work In Restricted Working Space, Add	*76.34*	
23 21 16 00-0152	EA	4" Flanged, 125 Lb., Bronze Diverter, Iron Body, Duplex Strainer	7,021.34	302.01
		For Work In Restricted Working Space, Add	*113.54*	
23 21 16 00-0153	EA	6" Flanged, 125 Lb., Bronze Diverter, Iron Body, Duplex Strainer	13,764.33	381.50
		For Work In Restricted Working Space, Add	*143.57*	
23 21 16 00-0154	EA	8" Flanged, 125 Lb., Bronze Diverter, Iron Body, Duplex Strainer	26,228.07	487.46
		For Work In Restricted Working Space, Add	*181.66*	
23 21 16 00-0155	EA	10" Flanged, 125 Lb., Bronze Diverter, Iron Body, Duplex Strainer	36,233.73	593.43
		For Work In Restricted Working Space, Add	*222.53*	
23 21 16 00-0156	EA	12" Flanged, 125 Lb., Bronze Diverter, Iron Body, Duplex Strainer	40,974.42	748.15
		For Work In Restricted Working Space, Add	*449.03*	
23 21 16 00-0157	EA	14" Flanged, 125 Lb., Bronze Diverter, Iron Body, Duplex Strainer	48,888.42	847.76
		For Work In Restricted Working Space, Add	*317.91*	
23 21 16 00-0158	EA	16" Flanged, 125 Lb., Bronze Diverter, Iron Body, Duplex Strainer	61,141.35	932.53
		For Work In Restricted Working Space, Add	*349.70*	
23 21 16 00-0159		Bronze Body, Duplex Strainers *(23 21 16 00-0139)*		
23 21 16 00-0160		Screwed Ends, 125 Lb., Bronze Diverter, Bronze Body Duplex Strainers *(23 21 16 00-0159)*		
		Note: With brass or stainless steel basket.		
23 21 16 00-0161	EA	3/4" Screwed Ends, 125 Lb., Bronze Diverter, Bronze Body Duplex Strainer	1,815.22	29.90
		For Work In Restricted Working Space, Add	*17.88*	
23 21 16 00-0162	EA	1" Screwed Ends, 125 Lb., Bronze Diverter, Bronze Body Duplex Strainer	2,013.64	34.09
		For Work In Restricted Working Space, Add	*20.47*	
23 21 16 00-0163	EA	1-1/4" Screwed Ends, 125 Lb., Bronze Diverter, Bronze Body Duplex Strainer	2,950.76	40.07
		For Work In Restricted Working Space, Add	*24.03*	
23 21 16 00-0164	EA	1-1/2" Screwed Ends, 125 Lb., Bronze Diverter, Bronze Body Duplex Strainer	3,883.24	43.66
		For Work In Restricted Working Space, Add	*26.19*	
23 21 16 00-0165	EA	2" Screwed Ends, 125 Lb., Bronze Diverter, Bronze Body Duplex Strainer	5,017.77	53.22
		For Work In Restricted Working Space, Add	*32.04*	
23 21 16 00-0166	EA	2-1/2" Screwed Ends, 125 Lb., Bronze Diverter, Bronze Body Duplex Strainer	6,162.35	68.18
		For Work In Restricted Working Space, Add	*40.89*	
23 21 16 00-0167		Flanged, 125 Lb., Bronze Diverter, Bronze Body, Duplex Strainers *(23 21 16 00-0159)*		
		Note: With brass or stainless steel basket.		
23 21 16 00-0168	EA	2" Flanged, 125 Lb., Bronze Diverter, Bronze Body, Duplex Strainer	7,032.01	159.43
		For Work In Restricted Working Space, Add	*59.80*	
23 21 16 00-0169	EA	2-1/2" Flanged, 125 Lb., Bronze Diverter, Bronze Body, Duplex Strainer	7,239.92	173.43
		For Work In Restricted Working Space, Add	*65.24*	
23 21 16 00-0170	EA	3" Flanged, 125 Lb., Bronze Diverter, Bronze Body, Duplex Strainer	9,934.09	203.33
		For Work In Restricted Working Space, Add	*76.34*	
23 21 16 00-0171	EA	4" Flanged, 125 Lb., Bronze Diverter, Bronze Body, Duplex Strainer	15,657.08	302.01
		For Work In Restricted Working Space, Add	*113.54*	
23 21 16 00-0172	EA	6" Flanged, 125 Lb., Bronze Diverter, Bronze Body, Duplex Strainer	34,072.55	381.50
		For Work In Restricted Working Space, Add	*143.57*	
23 21 16 00-0173		Cast Steel Body, Duplex Strainers *(23 21 16 00-0139)*		
23 21 16 00-0174		Screwed Ends, 125 Lb., Bronze Diverter, Cast Steel Body, Duplex Strainers *(23 21 16 00-0173)*		
		Note: With brass or stainless steel basket.		
23 21 16 00-0175	EA	1" Screwed Ends, 125 Lb., Bronze Diverter, Cast Steel Body, Duplex Strainer	2,831.45	34.09
		For Work In Restricted Working Space, Add	*20.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0176	EA	1-1/4" Screwed Ends, 125 Lb., Bronze Diverter, Cast Steel Body, Duplex Strainer	3,488.03	40.07
		For Work In Restricted Working Space, Add	*24.02*	
23 21 16 00-0177	EA	1-1/2" Screwed Ends, 125 Lb., Bronze Diverter, Cast Steel Body, Duplex Strainer	4,140.03	43.66
		For Work In Restricted Working Space, Add	*26.20*	
23 21 16 00-0178	EA	2" Screwed Ends, 125 Lb., Bronze Diverter, Cast Steel Body, Duplex Strainer	7,014.82	53.22
		For Work In Restricted Working Space, Add	*32.04*	
23 21 16 00-0179		Flanged, 125 Lb., Bronze Diverter, Cast Steel Body, Duplex Strainers *(23 21 16 00-0173)*		
		Note: With brass or stainless steel basket.		
23 21 16 00-0180	EA	2" Flanged, 125 Lb., Bronze Diverter, Cast Steel Body, Duplex Strainer	7,153.43	159.43
		For Work In Restricted Working Space, Add	*59.80*	
23 21 16 00-0181	EA	2-1/2" Flanged, 125 Lb., Bronze Diverter, Cast Steel Body, Duplex Strainer	7,862.34	173.43
		For Work In Restricted Working Space, Add	*65.24*	
23 21 16 00-0182	EA	3" Flanged, 125 Lb., Bronze Diverter, Cast Steel Body, Duplex Strainer	10,340.20	203.33
		For Work In Restricted Working Space, Add	*76.34*	
23 21 16 00-0183	EA	4" Flanged, 125 Lb., Bronze Diverter, Cast Steel Body, Duplex Strainer	15,161.65	302.01
		For Work In Restricted Working Space, Add	*113.54*	
23 21 16 00-0184	EA	6" Flanged, 125 Lb., Bronze Diverter, Cast Steel Body, Duplex Strainer	25,900.14	381.50
		For Work In Restricted Working Space, Add	*143.57*	
23 21 16 00-0185	EA	8" Flanged, 125 Lb., Bronze Diverter, Cast Steel Body, Duplex Strainer	50,527.60	487.46
		For Work In Restricted Working Space, Add	*181.66*	
23 21 16 00-0186		Stainless Steel Body, Duplex Strainers *(23 21 16 00-0139)*		
23 21 16 00-0187		Screwed Ends, 125 Lb., Stainless Steel Diverter, Stainless Steel Body, Duplex Strainers *(23 21 16 00-0186)*		
		Note: With stainless steel basket.		
23 21 16 00-0188	EA	1" Screwed Ends, 125 Lb., Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	6,492.13	34.09
		For Work In Restricted Working Space, Add	*20.47*	
23 21 16 00-0189	EA	1-1/4" Screwed Ends, 125 Lb., Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	8,205.10	40.07
		For Work In Restricted Working Space, Add	*24.02*	
23 21 16 00-0190	EA	1-1/2" Screwed Ends, 125 Lb., Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	9,901.59	43.66
		For Work In Restricted Working Space, Add	*26.20*	
23 21 16 00-0191	EA	2" Screwed Ends, 125 Lb., Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	15,869.11	53.22
		For Work In Restricted Working Space, Add	*32.04*	
23 21 16 00-0192		Flanged, 125 Lb., Stainless Steel Diverter, Stainless Steel Body, Duplex Strainers *(23 21 16 00-0186)*		
		Note: With stainless steel basket.		
23 21 16 00-0193	EA	2" Flanged, 125 Lb., Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	16,615.94	159.43
		For Work In Restricted Working Space, Add	*59.80*	
23 21 16 00-0194	EA	2-1/2" Flanged, 125 Lb., Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	17,466.78	173.43
		For Work In Restricted Working Space, Add	*65.24*	
23 21 16 00-0195	EA	3" Flanged, 125 Lb., Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	27,377.55	203.33
		For Work In Restricted Working Space, Add	*76.34*	
23 21 16 00-0196	EA	4" Flanged, 125 Lb., Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	33,449.58	302.01
		For Work In Restricted Working Space, Add	*113.54*	
23 21 16 00-0197	EA	6" Flanged, 125 Lb., Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	58,769.40	381.50
		For Work In Restricted Working Space, Add	*143.57*	
23 21 16 00-0198	EA	8" Flanged, 125 Lb., Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	108,622.01	487.46
		For Work In Restricted Working Space, Add	*181.66*	
23 21 16 00-0199		Pressure Regulating Valve *(23 21 16)*		
23 21 16 00-0200		Screwed Ends, Iron Body, Water Pressure Reducing Valves *(23 21 16 00-0199)*		
		Note: For building services, 25 - 75 PSI, up to 300 Lb rating		
23 21 16 00-0201	EA	1/2" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	237.79	14.95
		For Work In Restricted Working Space, Add	*17.93*	
23 21 16 00-0202	EA	3/4" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	293.30	16.74
		For Work In Restricted Working Space, Add	*19.93*	
23 21 16 00-0203	EA	1" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	386.65	17.93
		For Work In Restricted Working Space, Add	*21.10*	
23 21 16 00-0204	EA	1-1/4" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	664.41	20.08
		For Work In Restricted Working Space, Add	*23.91*	
23 21 16 00-0205	EA	1-1/2" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	902.22	23.91
		For Work In Restricted Working Space, Add	*28.69*	
23 21 16 00-0206	EA	2" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	1,292.57	36.66
		For Work In Restricted Working Space, Add	*44.04*	
23 21 16 00-0207	EA	2-1/2" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	1,405.88	41.28
		For Work In Restricted Working Space, Add	*49.54*	
23 21 16 00-0208	EA	3" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	1,544.70	119.45
		For Work In Restricted Working Space, Add	*55.04*	
23 21 16 00-0209		Cast Iron Body, Steam Pressure Regulator And Reducer *(23 21 16 00-0199)*		
		Note: Single seated, spring loaded, direct acting diaphragm valve.		
23 21 16 00-0210		Screwed Ends, Cast Iron Body, Steam Pressure Regulator And Reducer *(23 21 16 00-0209)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0211	EA	1/2" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	400.86	20.09
		For Work In Restricted Working Space, Add	*24.08*	
23 21 16 00-0212	EA	3/4" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	501.74	28.47
		For Work In Restricted Working Space, Add	*34.17*	
23 21 16 00-0213	EA	1" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	645.06	34.68
		For Work In Restricted Working Space, Add	*41.72*	
23 21 16 00-0214	EA	1-1/4" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	863.53	42.10
		For Work In Restricted Working Space, Add	*48.49*	
23 21 16 00-0215	EA	1-1/2" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	1,159.79	47.85
		For Work In Restricted Working Space, Add	*55.20*	
23 21 16 00-0216	EA	2" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	1,356.41	67.01
		For Work In Restricted Working Space, Add	*67.01*	

23 21 16 00-0217 Flanged, Cast Iron Body, Steam Pressure Regulator And Reducer *(23 21 16 00-0209)*

Note: Single seated, spring loaded, direct acting diaphragm valve.

23 21 16 00-0218	EA	2-1/2" Flanged, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	3,131.96	161.94
		For Work In Restricted Working Space, Add	*60.92*	
23 21 16 00-0219	EA	3" Flanged, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	3,894.62	189.87
		For Work In Restricted Working Space, Add	*71.29*	
23 21 16 00-0220	EA	4" Flanged, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	5,007.99	318.30
		For Work In Restricted Working Space, Add	*119.66*	
23 21 16 00-0221	EA	6" Flanged, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	12,492.67	389.43
		For Work In Restricted Working Space, Add	*146.56*	

23 21 16 00-0222 Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valves *(23 21 16 00-0199)*

23 21 16 00-0223 Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valves *(23 21 16 00-0222)*

23 21 16 00-0224	EA	1/2" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	2,270.86	14.59
		For Work In Restricted Working Space, Add	*21.89*	
23 21 16 00-0225	EA	3/4" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	2,318.53	14.59
		For Work In Restricted Working Space, Add	*21.89*	
23 21 16 00-0226	EA	1" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	2,470.08	18.42
		For Work In Restricted Working Space, Add	*27.63*	
23 21 16 00-0227	EA	1-1/4" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	2,903.00	23.44
		For Work In Restricted Working Space, Add	*35.16*	
23 21 16 00-0228	EA	1-1/2" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	3,323.45	27.03
		For Work In Restricted Working Space, Add	*40.55*	
23 21 16 00-0229	EA	2" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	4,120.62	31.81
		For Work In Restricted Working Space, Add	*47.72*	

23 21 16 00-0230 Flanged, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valves *(23 21 16 00-0222)*

23 21 16 00-0231	EA	2-1/2" Flanged, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	5,091.44	161.94
		For Work In Restricted Working Space, Add	*60.92*	
23 21 16 00-0232	EA	3" Flanged, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	6,280.57	189.87
		For Work In Restricted Working Space, Add	*71.29*	
23 21 16 00-0233	EA	4" Flanged, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	9,513.59	318.30
		For Work In Restricted Working Space, Add	*119.66*	
23 21 16 00-0234	EA	6" Flanged, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	20,937.07	389.43
		For Work In Restricted Working Space, Add	*146.56*	

23 21 16 00-0235 Screwed Ends, Cast Iron Body, Air Pressure Reducing Valves *(23 21 16 00-0199)*

23 21 16 00-0236	EA	1/2" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	267.06	15.54
23 21 16 00-0237	EA	3/4" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	330.61	17.21
23 21 16 00-0238	EA	1" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	438.66	18.29
23 21 16 00-0239	EA	1-1/4" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	760.55	20.80
23 21 16 00-0240	EA	1-1/2" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	1,034.81	24.86
23 21 16 00-0241	EA	2" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	1,480.97	38.09
23 21 16 00-0242	EA	2-1/2" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	1,604.38	41.50
23 21 16 00-0243	EA	3" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	1,768.52	47.78

23 21 16 00-0244 Screwed Ends, Bronze Body, Water Pressure Reducing Valves *(23 21 16 00-0199)*

Note: For building services, bronze construction, pressure adjustment, union and strainer, factory set at 45 PSI (Watts 25AUB).

23 21 16 00-0245	EA	1/2" Screwed Ends, Bronze Body, Water Pressure Reducing Valve	217.87	14.95
23 21 16 00-0246	EA	3/4" Screwed Ends, Bronze Body, Water Pressure Reducing Valve	239.34	16.74
23 21 16 00-0247	EA	1" Screwed Ends, Bronze Body, Water Pressure Reducing Valve	298.89	18.53
23 21 16 00-0248	EA	1-1/4" Screwed Ends, Bronze Body, Water Pressure Reducing Valve	718.94	20.08
23 21 16 00-0249	EA	1-1/2" Screwed Ends, Bronze Body, Water Pressure Reducing Valve	778.10	23.91
23 21 16 00-0250	EA	2" Screwed Ends, Bronze Body, Water Pressure Reducing Valve	1,223.14	36.66

23 21 16 00-0251 Dual Unit Reducing And Relief Valve *(23 21 16)*

23 21 16 00-0252	EA	1/2" Dual Unit Reducing And Relief Valve	245.29	36.48

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0253		**Safety Relief Valve** *(23 21 16)* Note: Used in water heater and hot water storage tank applications.		
23 21 16 00-0254		**Threaded Inlet, Bronze Body Safety Valves** *(23 21 16 00-0253)* Note: Variable set points to 150 PSIG pressure, 210 Degree F temperature range.		
23 21 16 00-0255	EA	1/2" x 1/2" Threaded Inlet, Bronze Body Safety Valve	87.14	14.95
23 21 16 00-0256	EA	3/4" x 3/4" Threaded Inlet, Bronze Body Safety Valve	123.38	16.44
23 21 16 00-0257	EA	1" x 1" Threaded Inlet, Bronze Body Safety Valve	180.52	20.02
23 21 16 00-0258	EA	1-1/4" x 1-1/4" Threaded Inlet, Bronze Body Safety Valve	236.33	21.22
23 21 16 00-0259	EA	1-1/2" x 1-1/2" Threaded Inlet, Bronze Body Safety Valve	325.94	28.40
23 21 16 00-0260	EA	2" x 2" Threaded Inlet, Bronze Body Safety Valve	440.11	33.47
23 21 16 00-0261	EA	2-1/2" x 2-1/2" Threaded Inlet, Bronze Body Safety Valve	496.63	41.85
23 21 16 00-0262		**Threaded, Bronze Body, Temperature And Pressure Relief Valves** *(23 21 16)*		
23 21 16 00-0263	EA	1/2" x 1/2" Threaded, Bronze Body, Temperature And Pressure Relief Valve	100.46	30.48
		For Cast Iron Body, Add	*63.31*	
23 21 16 00-0264	EA	3/4" x 3/4" Threaded, Bronze Body, Temperature And Pressure Relief Valve	130.34	36.58
		For Cast Iron Body, Add	*88.20*	
23 21 16 00-0265	EA	1" x 1" Threaded, Bronze Body, Temperature And Pressure Relief Valve	192.09	48.78
		For Cast Iron Body, Add	*140.48*	
23 21 16 00-0266	EA	1-1/4" x 1-1/4" Threaded, Bronze Body, Temperature And Pressure Relief Valve	324.23	52.25
		For Cast Iron Body, Add	*298.54*	
23 21 16 00-0267	EA	1-1/2" x 1-1/2" Threaded, Bronze Body, Temperature And Pressure Relief Valve	552.48	58.58
		For Cast Iron Body, Add	*571.09*	
23 21 16 00-0268	EA	2" x 2" Threaded, Bronze Body, Temperature And Pressure Relief Valve	635.12	84.22
		For Cast Iron Body, Add	*621.88*	
23 21 16 00-0269		**Thermostatic Radiator Valves** *(23 21 16)* Note: For hot water or two pipe low pressure steam.		
23 21 16 00-0270	EA	1/2" Straight Thermostatic Radiator Valve (Danfoss 013G8015)	97.72	19.30
23 21 16 00-0271	EA	3/4" Straight Thermostatic Radiator Valve (Danfoss 013G8020)	118.38	26.00
23 21 16 00-0272	EA	1" Straight Thermostatic Radiator Valve (Danfoss 013G8025)	158.30	31.48
23 21 16 00-0273	EA	1-1/4" Straight Thermostatic Radiator Valve (Danfoss 013G8032)	247.50	39.88
23 21 16 00-0274	EA	1/2" Angle Thermostatic Radiator Valve (Danfoss 013G8014)	97.72	19.30
23 21 16 00-0275	EA	3/4" Angle Thermostatic Radiator Valve (Danfoss 013G8019)	118.38	26.00
23 21 16 00-0276	EA	1" Angle Thermostatic Radiator Valve (Danfoss 013G8024)	158.30	31.48
23 21 16 00-0277	EA	1-1/4" Angle Thermostatic Radiator Valve (Danfoss 013G8031)	247.50	39.88
23 21 16 00-0278	EA	Tamper Resistant Valve Mounted Dial And Sensor Thermostatic Operator (Danfoss 013G8240)	100.87	14.95
23 21 16 00-0279	EA	Tamper Resistant Valve Mounted Dial With Remote Sensor Thermostatic Operator (Danfoss 013G2922)	170.60	20.93
23 21 16 00-0280		**Radiator Trap Repair Kits** *(23 21 16)* Note: For hot water or two pipe low pressure steam.		
23 21 16 00-0281	EA	1/2" Trap (Spirax-Sarco TH-125), Straight, Radiator Trap Repair Kit (Spirax-Sarco SH1031)	155.76	
23 21 16 00-0282	EA	3/4" Trap (Spirax-Sarco TH-125), Straight, Radiator Trap Repair Kit (Spirax-Sarco SH1032)	194.69	
23 21 16 00-0283	EA	1/2" Trap (Spirax-Sarco TH-125), Angle, Radiator Trap Repair Kit (Spirax-Sarco SH1026)	197.70	
23 21 16 00-0284	EA	3/4" Trap (Spirax-Sarco TH-125), Angle, Radiator Trap Repair Kit (Spirax-Sarco SH1027)	224.66	
23 21 16 00-0285	EA	1" Trap (Spirax-Sarco TH-125), Angle, Radiator Trap Repair Kit (Spirax-Sarco SH1028)	533.28	
23 21 16 00-0286		**Horizontal Steel Expansion Tanks** *(23 21 16)* Note: ASME Code Stamp. 150 PSI with glass gauge and cocks.		
23 21 16 00-0287	EA	10 Gallon Horizontal Steel Expansion Tank	763.59	119.60
23 21 16 00-0288	EA	15 Gallon Horizontal Steel Expansion Tank	1,085.58	149.50
23 21 16 00-0289	EA	30 Gallon Horizontal Steel Expansion Tank	1,427.27	179.41
23 21 16 00-0290	EA	40 Gallon Horizontal Steel Expansion Tank	1,642.16	209.31
23 21 16 00-0291	EA	60 Gallon Horizontal Steel Expansion Tank	1,897.03	211.94
23 21 16 00-0292		**Horizontal Diaphragm Type (Bladder) Steel Expansion Tanks** *(23 21 16)* Note: ASME. Precharged with working pressure 125 psi. Armstrong AX Series.		
23 21 16 00-0293	EA	7.8 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	1,595.99	89.70
23 21 16 00-0294	EA	10.9 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	1,667.05	104.65
23 21 16 00-0295	EA	21.7 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	2,483.94	119.60
23 21 16 00-0296	EA	33.6 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	2,586.49	134.55
23 21 16 00-0297	EA	44.4 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	3,505.08	149.50
23 21 16 00-0298	EA	55.7 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	3,697.22	164.45
23 21 16 00-0299	EA	68.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	4,395.45	179.41
23 21 16 00-0300	EA	77.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	4,703.82	194.35
23 21 16 00-0301	EA	90.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	5,184.12	209.31
23 21 16 00-0302	EA	110.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	5,331.09	239.21
23 21 16 00-0303	EA	132.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	6,686.40	269.11
23 21 16 00-0304	EA	158.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	7,666.37	299.01
23 21 16 00-0305	EA	211.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	8,899.86	358.81

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0306		Vertical Diaphragm Type (Bladder) Steel Expansion Tanks (Armstrong AX) *(23 21 16)*		
		Note: ASME. Precharged with working pressure 125 psi		
23 21 16 00-0307	EA	8.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	1,818.77	89.70
23 21 16 00-0308	EA	11.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	1,877.72	104.65
23 21 16 00-0309	EA	22.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	2,687.35	119.60
23 21 16 00-0310	EA	34.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	2,869.80	134.55
23 21 16 00-0311	EA	44.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	3,647.94	149.50
23 21 16 00-0312	EA	56.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	3,837.66	164.45
23 21 16 00-0313	EA	67.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	4,678.77	179.41
23 21 16 00-0314	EA	77.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	5,057.36	194.35
23 21 16 00-0315	EA	91.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	5,593.36	209.31
23 21 16 00-0316	EA	111.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	5,733.06	239.21
23 21 16 00-0317	EA	132.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	7,052.05	269.11
23 21 16 00-0318	EA	158.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	8,182.15	299.01
23 21 16 00-0319	EA	211.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	9,425.32	358.81
23 21 16 00-0320		Diaphragm Type (Residential Style) Steel Expansion Tanks *(23 21 16)*		
23 21 16 00-0321	EA	2.1 Gallon Diaphragm Type (Residential Style) Steel Expansion Tank (Watts DET-5-M1)	106.63	11.01
23 21 16 00-0322	EA	4.5 Gallon Diaphragm Type (Residential Style) Steel Expansion Tank (Watts DET-12-M1)	153.27	11.01
23 21 16 00-0323		Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tanks *(23 21 16)*		
23 21 16 00-0324	EA	15 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	1,262.73	358.93
23 21 16 00-0325	EA	20 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	1,318.16	358.93
23 21 16 00-0326	EA	30 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	1,373.58	358.93
23 21 16 00-0327	EA	40 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	1,517.67	358.93
23 21 16 00-0328	EA	47 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	1,806.32	478.29
23 21 16 00-0329	EA	60 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	2,138.08	478.53
23 21 16 00-0330	EA	80 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	2,203.91	478.53
23 21 16 00-0331	EA	87 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	2,269.75	478.53
23 21 16 00-0332	EA	120 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	2,889.66	598.01
23 21 16 00-0333	EA	187 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	8,471.31	598.01
23 21 16 00-0334	EA	264 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	10,780.76	717.37
23 21 16 00-0335		ASME Construction Compression Tanks *(23 21 16)*		
		Note: With gauge glass taps, 125 PSI, 240 degree F tanks below are sized by capacity and diameter and height.		
23 21 16 00-0336	EA	15 Gallon, 13" x 34-1/2" ASME Construction Compression Tank	1,537.01	210.50
		For Galvanized Steel Tanks, Add	*609.04*	
23 21 16 00-0337	EA	24 Gallon, 13" x 51" ASME Construction Compression Tank	1,564.92	216.48
		For Galvanized Steel Tanks, Add	*618.01*	
23 21 16 00-0338	EA	30 Gallon, 13" x 61-1/2" ASME Construction Compression Tank	1,718.98	223.66
		For Galvanized Steel Tanks, Add	*689.66*	
23 21 16 00-0339	EA	40 Gallon, 16-1/4" x 53" ASME Construction Compression Tank	1,893.32	232.03
		For Galvanized Steel Tanks, Add	*770.25*	
23 21 16 00-0340	EA	60 Gallon, 16-1/4" x 76-1/2" ASME Construction Compression Tank	2,233.70	245.18
		For Galvanized Steel Tanks, Add	*931.47*	
23 21 16 00-0341	EA	80 Gallon, 20-1/4" x 68" ASME Construction Compression Tank	2,320.40	254.76
		For Galvanized Steel Tanks, Add	*967.29*	
23 21 16 00-0342	EA	100 Gallon, 20-1/4" x 82" ASME Construction Compression Tank	2,909.55	277.48
		For Galvanized Steel Tanks, Add	*1,244.95*	
23 21 16 00-0343	EA	120 Gallon, 24-1/4" x 71-1/2" ASME Construction Compression Tank	3,174.05	297.81
		For Galvanized Steel Tanks, Add	*1,361.36*	
23 21 16 00-0344	EA	144 Gallon, 24-1/4" x 83-1/2" ASME Construction Compression Tank	3,982.46	336.09
		For Galvanized Steel Tanks, Add	*1,736.76*	
23 21 16 00-0345	EA	180 Gallon, 30" x 60" ASME Construction Compression Tank	5,097.44	385.12
		For Galvanized Steel Tanks, Add	*2,257.01*	
23 21 16 00-0346	EA	202 Gallon, 30" x 72" ASME Construction Compression Tank	6,138.99	426.98
		For Galvanized Steel Tanks, Add	*2,746.25*	
23 21 16 00-0347	EA	230 Gallon, 30" x 84" ASME Construction Compression Tank	6,715.52	464.05
		For Galvanized Steel Tanks, Add	*3,005.99*	
23 21 16 00-0348	EA	280 Gallon, 30" x 96" ASME Construction Compression Tank	8,556.95	509.50
		For Galvanized Steel Tanks, Add	*3,892.66*	
23 21 16 00-0349	EA	306 Gallon, 30" x 108" ASME Construction Compression Tank	8,810.36	544.19
		For Galvanized Steel Tanks, Add	*3,992.76*	
23 21 16 00-0350	EA	340 Gallon, 36" x 84" ASME Construction Compression Tank	11,464.48	584.85
		For Galvanized Steel Tanks, Add	*5,289.27*	
23 21 16 00-0351	EA	550 Gallon, 36" x 96" ASME Construction Compression Tank	19,367.93	686.51
		For Galvanized Steel Tanks, Add	*9,163.96*	
23 21 16 00-0352		Compression Tank Air Fittings *(23 21 16)*		
23 21 16 00-0353	EA	9" To 24" Diameter Compression Tank Air Fittings	277.72	33.48
23 21 16 00-0354	EA	>100 Gallon Compression Tank Air Fittings	922.10	39.47
23 21 16 00-0355		Vortex Air Separators With Strainer *(23 21 16)*		
		Note: Separators are priced by capacity in gallons per minute and by boiler connection sizes and types.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0356	EA	2" Threaded, 56 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-2N)	2,022.05	254.76
		For 300 PSIG, Add	*245.43*	
23 21 16 00-0357	EA	2-1/2" Threaded, 90 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-2-1/2N)	2,514.88	291.83
		For 300 PSIG, Add	*310.79*	
23 21 16 00-0358	EA	3" Threaded, 190 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-3N)	3,928.02	343.26
		For 300 PSIG, Add	*511.20*	
23 21 16 00-0359	EA	3" Flanged, 190 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-3F)	4,200.79	363.49
		For 300 PSIG, Add	*547.51*	
23 21 16 00-0360	EA	4" Flanged, 300 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-4F)	5,410.66	484.66
		For 300 PSIG, Add	*701.45*	
23 21 16 00-0361	EA	5" Flanged, 500 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-5F)	6,846.39	576.48
		For 300 PSIG, Add	*896.06*	
23 21 16 00-0362	EA	6" Flanged, 700 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-6F)	8,143.93	652.77
		For 300 PSIG, Add	*1,073.23*	
23 21 16 00-0363	EA	8" Flanged, 1,300 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-8F)	11,817.52	783.12
		For 300 PSIG, Add	*1,594.60*	
23 21 16 00-0364	EA	10" Flanged, 2,000 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-10F)	18,408.11	890.15
		For 300 PSIG, Add	*2,558.91*	
23 21 16 00-0365	EA	12" Flanged, 2,750 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-12F)	24,864.41	1,151.89
		For 300 PSIG, Add	*3,467.85*	
23 21 16 00-0366	EA	14" Flanged, 3400 GPM With Strainer, Vortex Air Separator (Rolairtrol R-14F)	52,488.84	1,398.80
		For 300 PSIG, Add	*7,555.42*	
23 21 16 00-0367	EA	16" Flanged, 4400 GPM With Strainer, Vortex Air Separator (Rolairtrol R-16F)	64,832.79	1,678.56
		For 300 PSIG, Add	*9,343.43*	
23 21 16 00-0368	EA	18" Flanged, 5200 GPM With Strainer, Vortex Air Separator (Rolairtrol R-16F)	84,750.30	1,958.32
		For 300 PSIG, Add	*12,267.47*	
23 21 16 00-0369	EA	20" Flanged, 6300 GPM With Strainer, Vortex Air Separator (Rolairtrol R-20F)	99,197.78	2,238.08
		For 300 PSIG, Add	*14,371.01*	

23 21 16 00-0370 Vortex Air Separators *(23 21 16)*

Note: Without system strainer.

23 21 16 00-0371	EA	2" Threaded, 56 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-2N)	1,702.55	254.76
		For 300 PSIG, Add	*197.51*	
23 21 16 00-0372	EA	2-1/2" Threaded, 90 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-2-1/2N)	2,166.34	291.83
		For 300 PSIG, Add	*258.51*	
23 21 16 00-0373	EA	3" Threaded, 190 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-3N)	3,840.88	343.26
		For 300 PSIG, Add	*498.13*	
23 21 16 00-0374	EA	3" Flanged, 190 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-3F)	3,435.93	363.49
		For 300 PSIG, Add	*432.78*	
23 21 16 00-0375	EA	4" Flanged, 300 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-4F)	4,607.07	484.66
		For 300 PSIG, Add	*580.91*	
23 21 16 00-0376	EA	5" Flanged, 530 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-5F)	6,004.07	576.48
		For 300 PSIG, Add	*769.71*	
23 21 16 00-0377	EA	6" Flanged, 850 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-6F)	7,001.47	652.77
		For 300 PSIG, Add	*901.86*	
23 21 16 00-0378	EA	8" Flanged, 1,900 GPM Vortex Air Separator (Rolairtrol RL-8F)	9,377.70	783.12
		For 300 PSIG, Add	*1,228.63*	
23 21 16 00-0379	EA	10" Flanged, 3,600 GPM Vortex Air Separator (Rolairtrol RL-10F)	13,189.60	890.15
		For 300 PSIG, Add	*1,776.13*	
23 21 16 00-0380	EA	12" Flanged, 4,800 GPM Vortex Air Separator (Rolairtrol RL-12F)	20,479.74	1,151.89
		For 300 PSIG, Add	*2,810.15*	
23 21 16 00-0381	EA	14" Flanged, 6,100 GPM Vortex Air Separator (Rolairtrol RL-14F)	35,258.12	1,398.80
		For 300 PSIG, Add	*4,970.81*	
23 21 16 00-0382	EA	16" Flanged, 8,000 GPM Vortex Air Separator (Rolairtrol RL-16F)	44,733.61	1,678.56
		For 300 PSIG, Add	*6,328.55*	
23 21 16 00-0383	EA	18" Flanged, 9,700 GPM Vortex Air Separator (Rolairtrol RL-16F)	60,009.78	1,958.32
		For 300 PSIG, Add	*8,556.39*	
23 21 16 00-0384	EA	20" Flanged, 12,000 GPM Vortex Air Separator (Rolairtrol RL-20F)	82,373.43	2,238.08
		For 300 PSIG, Add	*11,847.36*	
23 21 16 00-0385	EA	22" Flanged, 15,000 GPM Vortex Air Separator (Rolairtrol RL-22F)	101,029.99	2,517.84
		For 300 PSIG, Add	*14,582.26*	
23 21 16 00-0386	EA	24" Flanged, 17,000 GPM Vortex Air Separator (Rolairtrol RL-24F)	119,686.55	2,797.59
		For 300 PSIG, Add	*17,317.17*	

23 21 16 00-0387 Grooved, With Strainer, Vortex Air Separators *(23 21 16)*

23 21 16 00-0388	EA	3" Grooved, 190 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-3G)	3,703.38	290.79
23 21 16 00-0389	EA	4" Grooved, 300 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-4G)	5,263.42	387.48
23 21 16 00-0390	EA	5" Grooved, 500 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-5G)	6,671.83	460.75
23 21 16 00-0391	EA	6" Grooved, 700 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-6G)	7,946.04	522.22
23 21 16 00-0392	EA	8" Grooved, 1,300 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-8G)	11,560.78	626.67
23 21 16 00-0393	EA	10" Grooved, 2,000 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-10G)	18,893.53	712.12
23 21 16 00-0394	EA	12" Grooved, 2,750 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-12G)	28,877.84	921.62

23 21 16 00-0395 Grooved Vortex Air Separators *(23 21 16)*

Note: Without system strainer.

23 21 16 00-0396	EA	3" Grooved, 190 GPM Vortex Air Separator (Rolairtrol RL-3G)	2,909.47	290.79
23 21 16 00-0397	EA	4" Grooved, 300 GPM Vortex Air Separator (Rolairtrol RL-4G)	4,459.83	387.48
23 21 16 00-0398	EA	5" Grooved, 530 GPM Vortex Air Separator (Rolairtrol RL-5G)	5,829.51	460.75
23 21 16 00-0399	EA	6" Grooved, 850 GPM Vortex Air Separator (Rolairtrol RL-6G)	6,803.58	522.22
23 21 16 00-0400	EA	8" Grooved, 1,900 GPM Vortex Air Separator (Rolairtrol RL-8G)	9,140.32	626.67

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0401	EA	10" Grooved, 3,600 GPM Vortex Air Separator (Rolairtrol RL-10G)	13,597.56	712.12
23 21 16 00-0402	EA	12" Grooved, 4,800 GPM Vortex Air Separator (Rolairtrol RL-12G)	22,770.39	921.62
23 21 16 00-0403		Basket Strainers *(23 21 16)*		
23 21 16 00-0404		Bronze Body Basket Strainers *(23 21 16 00-0403)*		
23 21 16 00-0405		Screwed Ends, Bronze Body Basket Strainers *(23 21 16 00-0404)*		
23 21 16 00-0406	EA	1/2" Screwed Ends, Bronze Body Basket Strainer	337.85	23.92
		For Work In Restricted Working Space, Add	*14.24*	
23 21 16 00-0407	EA	3/4" Screwed Ends, Bronze Body Basket Strainer	399.29	28.11
		For Work In Restricted Working Space, Add	*16.73*	
23 21 16 00-0408	EA	1" Screwed Ends, Bronze Body Basket Strainer	463.12	33.48
		For Work In Restricted Working Space, Add	*19.94*	
23 21 16 00-0409	EA	1-1/4" Screwed Ends, Bronze Body Basket Strainer	577.04	37.08
		For Work In Restricted Working Space, Add	*22.22*	
23 21 16 00-0410	EA	1-1/2" Screwed Ends, Bronze Body Basket Strainer	681.50	41.86
		For Work In Restricted Working Space, Add	*25.09*	
23 21 16 00-0411	EA	2" Screwed Ends, Bronze Body Basket Strainer	1,016.29	47.85
		For Work In Restricted Working Space, Add	*28.73*	
23 21 16 00-0412	EA	2-1/2" Screwed Ends, Bronze Body Basket Strainer	1,437.90	63.99
		For Work In Restricted Working Space, Add	*38.49*	
23 21 16 00-0413	EA	3" Screwed Ends, Bronze Body Basket Strainer	2,024.55	68.18
		For Work In Restricted Working Space, Add	*40.82*	
23 21 16 00-0414		Flanged, Bronze Body Basket Strainers *(23 21 16 00-0404)*		
23 21 16 00-0415	EA	2" Flanged, Bronze Body Basket Strainer	1,594.34	159.43
		For Work In Restricted Working Space, Add	*59.80*	
23 21 16 00-0416	EA	2-1/2" Flanged, Bronze Body Basket Strainer	2,400.11	173.43
		For Work In Restricted Working Space, Add	*65.24*	
23 21 16 00-0417	EA	3" Flanged, Bronze Body Basket Strainer	2,721.82	203.33
		For Work In Restricted Working Space, Add	*76.34*	
23 21 16 00-0418	EA	4" Flanged, Bronze Body Basket Strainer	4,602.68	340.87
		For Work In Restricted Working Space, Add	*128.15*	
23 21 16 00-0419	EA	6" Flanged, Bronze Body Basket Strainer	8,734.72	381.50
		For Work In Restricted Working Space, Add	*143.57*	
23 21 16 00-0420	EA	8" Flanged, Bronze Body Basket Strainer	15,931.61	487.46
		For Work In Restricted Working Space, Add	*181.66*	
23 21 16 00-0421		Iron Body Basket Strainers *(23 21 16 00-0403)*		
23 21 16 00-0422		Screwed Ends, Iron Body Basket Strainers *(23 21 16 00-0421)*		
23 21 16 00-0423	EA	1/2" Screwed Ends, Iron Body Basket Strainer	388.22	23.92
		For Work In Restricted Working Space, Add	*14.24*	
23 21 16 00-0424	EA	3/4" Screwed Ends, Iron Body Basket Strainer	437.16	28.11
		For Work In Restricted Working Space, Add	*16.73*	
23 21 16 00-0425	EA	1" Screwed Ends, Iron Body Basket Strainer	516.63	33.48
		For Work In Restricted Working Space, Add	*19.94*	
23 21 16 00-0426	EA	1-1/4" Screwed Ends, Iron Body Basket Strainer	677.44	37.08
		For Work In Restricted Working Space, Add	*22.22*	
23 21 16 00-0427	EA	1-1/2" Screwed Ends, Iron Body Basket Strainer	743.27	41.86
		For Work In Restricted Working Space, Add	*25.09*	
23 21 16 00-0428	EA	2" Screwed Ends, Iron Body Basket Strainer	883.59	47.85
		For Work In Restricted Working Space, Add	*28.73*	
23 21 16 00-0429	EA	2-1/2" Screwed Ends, Iron Body Basket Strainer	1,253.74	63.99
		For Work In Restricted Working Space, Add	*38.49*	
23 21 16 00-0430	EA	3" Screwed Ends, Iron Body Basket Strainer	1,417.82	68.18
		For Work In Restricted Working Space, Add	*40.82*	
23 21 16 00-0431		Flanged, Iron Body Basket Strainers *(23 21 16 00-0421)*		
23 21 16 00-0432	EA	2" Flanged, Iron Body Basket Strainer	1,699.14	159.43
		For Work In Restricted Working Space, Add	*59.80*	
23 21 16 00-0433	EA	2-1/2" Flanged, Iron Body Basket Strainer	2,238.92	173.43
		For Work In Restricted Working Space, Add	*65.24*	
23 21 16 00-0434	EA	3" Flanged, Iron Body Basket Strainer	2,406.35	203.33
		For Work In Restricted Working Space, Add	*76.34*	
23 21 16 00-0435	EA	4" Flanged, Iron Body Basket Strainer	3,665.85	340.87
		For Work In Restricted Working Space, Add	*128.15*	
23 21 16 00-0436	EA	6" Flanged, Iron Body Basket Strainer	6,782.07	381.50
		For Work In Restricted Working Space, Add	*143.57*	
23 21 16 00-0437	EA	8" Flanged, Iron Body Basket Strainer	12,234.41	487.46
		For Work In Restricted Working Space, Add	*181.66*	
23 21 16 00-0438	EA	10" Flanged, Iron Body Basket Strainer	18,239.42	593.43
		For Work In Restricted Working Space, Add	*222.53*	
23 21 16 00-0439	EA	12" Flanged, Iron Body Basket Strainer	22,254.21	748.15
		For Work In Restricted Working Space, Add	*448.84*	
23 21 16 00-0440	EA	14" Flanged, Iron Body Basket Strainer	27,251.82	847.76
		For Work In Restricted Working Space, Add	*317.91*	
23 21 16 00-0441	EA	16" Flanged, Iron Body Basket Strainer	28,553.27	932.53
		For Work In Restricted Working Space, Add	*349.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0442		Cast Steel Body Basket Strainers *(23 21 16 00-0403)*		
23 21 16 00-0443		Screwed Ends, Cast Steel Body Basket Strainers *(23 21 16 00-0442)*		
23 21 16 00-0444	EA	1" Screwed Ends, Cast Steel Body Basket Strainer	1,121.00	33.48
		For Work In Restricted Working Space, Add	*19.94*	
23 21 16 00-0445	EA	1-1/4" Screwed Ends, Cast Steel Body Basket Strainer	1,481.65	37.08
		For Work In Restricted Working Space, Add	*22.23*	
23 21 16 00-0446	EA	1-1/2" Screwed Ends, Cast Steel Body Basket Strainer	1,669.92	41.86
		For Work In Restricted Working Space, Add	*25.09*	
23 21 16 00-0447	EA	2" Screwed Ends, Cast Steel Body Basket Strainer	2,352.34	47.85
		For Work In Restricted Working Space, Add	*28.73*	
23 21 16 00-0448	EA	2-1/2" Screwed Ends, Cast Steel Body Basket Strainer	3,300.87	63.99
		For Work In Restricted Working Space, Add	*38.48*	
23 21 16 00-0449	EA	3" Screwed Ends, Cast Steel Body Basket Strainer	4,291.75	68.18
		For Work In Restricted Working Space, Add	*40.83*	
23 21 16 00-0450		Flanged, Cast Steel Body Basket Strainers *(23 21 16 00-0442)*		
23 21 16 00-0451	EA	2" Flanged, Cast Steel Body Basket Strainer	3,483.65	159.43
		For Work In Restricted Working Space, Add	*59.80*	
23 21 16 00-0452	EA	2-1/2" Flanged, Cast Steel Body Basket Strainer	5,021.03	173.43
		For Work In Restricted Working Space, Add	*65.24*	
23 21 16 00-0453	EA	3" Flanged, Cast Steel Body Basket Strainer	5,504.90	203.33
		For Work In Restricted Working Space, Add	*76.34*	
23 21 16 00-0454	EA	4" Flanged, Cast Steel Body Basket Strainer	7,800.10	340.87
		For Work In Restricted Working Space, Add	*128.15*	
23 21 16 00-0455	EA	6" Flanged, Cast Steel Body Basket Strainer	13,772.21	381.50
		For Work In Restricted Working Space, Add	*143.57*	
23 21 16 00-0456	EA	8" Flanged, Cast Steel Body Basket Strainer	22,389.23	487.46
		For Work In Restricted Working Space, Add	*181.66*	
23 21 16 00-0457		Stainless Steel Body Basket Strainers *(23 21 16 00-0403)*		
23 21 16 00-0458		Screwed Ends, Stainless Steel Body Basket Strainers *(23 21 16 00-0457)*		
23 21 16 00-0459	EA	1" Screwed Ends, Stainless Steel Body Basket Strainer	584.25	33.48
		For Work In Restricted Working Space, Add	*19.94*	
23 21 16 00-0460	EA	1-1/4" Screwed Ends, Stainless Steel Body Basket Strainer	840.54	37.08
		For Work In Restricted Working Space, Add	*22.23*	
23 21 16 00-0461	EA	1-1/2" Screwed Ends, Stainless Steel Body Basket Strainer	868.01	41.86
		For Work In Restricted Working Space, Add	*25.09*	
23 21 16 00-0462	EA	2" Screwed Ends, Stainless Steel Body Basket Strainer	1,282.61	47.85
		For Work In Restricted Working Space, Add	*28.73*	
23 21 16 00-0463	EA	2-1/2" Screwed Ends, Stainless Steel Body Basket Strainer	1,812.40	63.99
		For Work In Restricted Working Space, Add	*38.48*	
23 21 16 00-0464	EA	3" Screwed Ends, Stainless Steel Body Basket Strainer	2,558.47	68.18
		For Work In Restricted Working Space, Add	*40.83*	
23 21 16 00-0465		Flanged, Stainless Steel Body Basket Strainers *(23 21 16 00-0457)*		
23 21 16 00-0466	EA	2" Flanged, Stainless Steel Body Basket Strainer	1,965.50	159.43
		For Work In Restricted Working Space, Add	*59.80*	
23 21 16 00-0467	EA	2-1/2" Flanged, Stainless Steel Body Basket Strainer	2,967.94	173.43
		For Work In Restricted Working Space, Add	*65.24*	
23 21 16 00-0468	EA	3" Flanged, Stainless Steel Body Basket Strainer	3,361.27	203.33
		For Work In Restricted Working Space, Add	*76.34*	
23 21 16 00-0469	EA	4" Flanged, Stainless Steel Body Basket Strainer	5,682.06	340.87
		For Work In Restricted Working Space, Add	*128.15*	
23 21 16 00-0470	EA	6" Flanged, Stainless Steel Body Basket Strainer	8,681.34	381.50
		For Work In Restricted Working Space, Add	*143.57*	
23 21 16 00-0471	EA	8" Flanged, Stainless Steel Body Basket Strainer	15,062.92	487.46
		For Work In Restricted Working Space, Add	*181.66*	
23 21 23		**Hydronic Pumps** *(23 21)*		
23 21 23 13		**In-Line Centrifugal Hydronic Pumps** *(23 21 23)*		
23 21 23 13-0001		Cast Iron Single Stage In-Line Centrifugal Pump *(23 21 23 13)* Note: For general service, 125 LB flanged, 3550 RPM TEFC motor. Includes packed stuffing boxes and ductile iron case.		
23 21 23 13-0002	EA	3 HP, 50 GPM At 100' Head, Single Stage Cast Iron In-Line Circulating Pump	6,706.86	319.43
		For Mechanical Seal, Add	*459.92*	
		For Cast Steel Case, Add	*1,034.83*	
23 21 23 13-0003	EA	5 HP, 75 GPM At 100' Head, Single Stage Cast Iron In-Line Circulating Pump	7,322.57	386.62
		For Mechanical Seal, Add	*493.05*	
		For Cast Steel Case, Add	*1,109.36*	
23 21 23 13-0004	EA	7-1/2 HP, 100 GPM At 150' Head, Single Stage Cast Iron In-Line Circulating Pump	8,463.64	459.32
		For Mechanical Seal, Add	*566.94*	
		For Cast Steel Case, Add	*1,275.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 23 13-0005	EA	10 HP, 125 GPM At 150' Head, Single Stage Cast Iron In-Line Circulating Pump	9,477.60	612.43
		For Mechanical Seal, Add	*611.34*	
		For Cast Steel Case, Add	*1,375.52*	
23 21 23 13-0006	EA	15 HP, 150 GPM At 200' Head, Single Stage Cast Iron In-Line Circulating Pump	10,865.83	667.50
		For Mechanical Seal, Add	*709.05*	
		For Cast Steel Case, Add	*1,595.36*	
23 21 23 13-0007	EA	30 HP, 200 GPM At 300' Head, Single Stage Cast Iron In-Line Circulating Pump	16,249.14	734.69
		For Mechanical Seal, Add	*1,123.69*	
		For Cast Steel Case, Add	*2,528.31*	
23 21 23 13-0008	EA	40 HP, 250 GPM At 300' Head, Single Stage Cast Iron In-Line Circulating Pump	19,092.91	917.55
		For Mechanical Seal, Add	*1,307.13*	
		For Cast Steel Case, Add	*2,941.05*	
23 21 23 13-0009	EA	50 HP, 300 GPM At 300' Head, Single Stage Cast Iron In-Line Circulating Pump	26,565.57	1,048.61
		For Mechanical Seal, Add	*1,873.48*	
		For Cast Steel Case, Add	*4,215.32*	
23 21 23 13-0010	EA	75 HP, 400 GPM At 400' Head, Single Stage Cast Iron In-Line Circulating Pump	33,794.54	1,098.91
		For Mechanical Seal, Add	*2,439.82*	
		For Cast Steel Case, Add	*5,489.59*	
23 21 23 13-0011	EA	100 HP, 600 GPM At 400' Head, Single Stage Cast Iron In-Line Circulating Pump	36,896.09	1,412.58
		For Mechanical Seal, Add	*2,612.58*	
		For Cast Steel Case, Add	*5,878.32*	

23 21 23 13-0012 Cast Iron, Single Stage, Vertical In-Line, Close Coupled, Pump *(23 21 23 13)*

Note: For general service, 125 LB flanged, 1,800 RPM TEFC motor.

23 21 23 13-0013	EA	1/2 HP, 1-1/2" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	2,296.47	183.40
23 21 23 13-0014	EA	3/4 HP, 2" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	4,065.43	209.62
23 21 23 13-0015	EA	1 HP, 3" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	4,418.10	234.73
23 21 23 13-0016	EA	1-1/2 HP, 3" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	4,645.71	255.21
23 21 23 13-0017	EA	2 HP, 4" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	6,076.42	279.45
23 21 23 13-0018	EA	3 HP, 5" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	6,247.88	308.86
23 21 23 13-0019	EA	5 HP, 6" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	7,142.27	366.79
23 21 23 13-0020	EA	7-1/2 HP, 6" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	8,310.92	451.50
23 21 23 13-0021	EA	10 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	10,696.04	489.06
23 21 23 13-0022	EA	15 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	12,500.53	517.81
23 21 23 13-0023	EA	20 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	16,061.43	550.19
23 21 23 13-0024	EA	25 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	16,947.81	568.59
23 21 23 13-0025	EA	30 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	17,834.19	586.88
23 21 23 13-0026	EA	40 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	21,174.45	628.84
23 21 23 13-0027	EA	50 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	22,933.17	734.64
23 21 23 13-0028	EA	60 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	25,354.53	1,061.10
23 21 23 13-0029	EA	75 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	29,981.85	2,122.20
23 21 23 13-0030	EA	100 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	34,470.84	2,546.64

23 21 23 16 Base-Mounted, Centrifugal Hydronic Pumps *(23 21 23)*

See CSI section 26 29 23 00-0000 for variable frequency motor controllers.

23 21 23 16-0001 Single Stage, Cast Iron, Horizontal End Suction, Base Mounted Centrifugal Pump *(23 21 23 16)*

Note: 1800 RPM, welded steel baseplate, internally flushed mechanical seal, bronze wear ring, galvanized drip pan, and 3 phase 230/460V premium efficiency motor. Bell & Gossett 1510 Series.

23 21 23 16-0002	EA	5 HP, 50 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 1-1/4 BC, BF, 184T)	6,649.72	349.17
23 21 23 16-0003	EA	7.5 HP, 100 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 1-1/2 BC, BF, 213T)	7,463.11	349.61
23 21 23 16-0004	EA	10 HP, 225 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 2 E, BF, 215T)	9,843.47	459.32
23 21 23 16-0005	EA	15 HP, 250 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 2 E, BF, 254T)	10,776.38	565.06
23 21 23 16-0006	EA	15 HP, 300 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 3 G, BF, 254T)	12,073.78	565.06
23 21 23 16-0007	EA	20 HP, 350 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 3 E, BF, 256T)	11,733.94	612.43
23 21 23 16-0008	EA	20 HP, 500 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 4 E, BF, 256T)	12,471.56	612.43
23 21 23 16-0009	EA	25 HP, 600 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 4 E, BF, 284T)	13,627.04	642.17
23 21 23 16-0010	EA	30 HP, 750 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 5 E, BF, 286T)	15,156.42	816.21
23 21 23 16-0011	EA	40 HP, 1,050 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 5 E, BF, 324T)	16,030.92	917.55
23 21 23 16-0012	EA	60 HP, 1,500 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 6 E, BF, 364T)	24,642.18	2,230.94
23 21 23 16-0013	EA	75 HP, 2,000 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 8 G, BF, 365T)	35,749.73	2,676.64
23 21 23 16-0014	EA	100 HP, 3,000 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 8 G, BF, 404TS)	40,530.38	3,345.81

23 21 23 16-0015 Single Stage, Vertical Split Case, Cast Iron, Horizontal End Suction, Base Mounted Centrifugal Pump *(23 21 23 16)*

Note: 125 LB flanged, 1750 RPM drip-proof motor, common base plate 100' head. Standard seal and motor. For general service.

23 21 23 16-0016	EA	1-1/2 HP, 40 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	6,843.69	256.64
		For 300 Lb. Flanges, Add	*1,595.22*	
23 21 23 16-0017	EA	2 HP, 50 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	8,739.01	275.38
		For 300 Lb. Flanges, Add	*2,081.49*	
23 21 23 16-0018	EA	3 HP, 90 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	10,957.28	294.10
		For 300 Lb. Flanges, Add	*2,616.93*	
23 21 23 16-0019	EA	5 HP, 100 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	12,773.94	349.17
		For 300 Lb. Flanges, Add	*3,036.13*	
23 21 23 16-0020	EA	7-1/2 HP, 150 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	13,425.25	349.61
		For 300 Lb. Flanges, Add	*3,191.09*	
23 21 23 16-0021	EA	10 HP, 200 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	14,015.48	459.32
		For 300 Lb. Flanges, Add	*3,297.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 23 16-0022	EA	10 HP, 225 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	14,330.41	459.32
		For 300 Lb. Flanges, Add	*3,376.07*	
23 21 23 16-0023	EA	10 HP, 250 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	15,028.00	459.32
		For 300 Lb. Flanges, Add	*3,550.47*	
23 21 23 16-0024	EA	15 HP, 300 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	17,438.65	565.06
		For 300 Lb. Flanges, Add	*4,105.47*	
23 21 23 16-0025	EA	17-1/2 HP, 350 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	17,706.04	564.62
		For 300 Lb. Flanges, Add	*4,162.07*	
23 21 23 16-0026	EA	20 HP, 500 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	18,665.67	612.43
		For 300 Lb. Flanges, Add	*4,391.04*	
23 21 23 16-0027	EA	25 HP, 600 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	20,484.51	642.17
		For 300 Lb. Flanges, Add	*4,823.75*	
23 21 23 16-0028	EA	30 HP, 750 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	22,621.86	816.21
		For 300 Lb. Flanges, Add	*5,288.30*	
23 21 23 16-0029	EA	40 HP, 1,050 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	25,664.04	917.55
		For 300 Lb. Flanges, Add	*6,002.95*	
23 21 23 16-0030	EA	60 HP, 1,500 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	39,909.62	2,230.94
		For 300 Lb. Flanges, Add	*8,901.97*	
23 21 23 16-0031	EA	75 HP, 2,000 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	47,462.01	2,676.64
		For 300 Lb. Flanges, Add	*10,574.98*	
23 21 23 16-0032	EA	100 HP, 3,000 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	57,869.27	3,345.81
		For 300 Lb. Flanges, Add	*12,854.16*	

23 21 23 16-0033 Single Stage, Horizontal Split Case, Cast Iron, Horizontal End Suction, Base Mounted Centrifugal Pump *(23 21 23 16)*

Note: 125 LB flanged, 1750 RPM drip-proof motor, common base plate 100' head. Standard seal and motor. For general service.

23 21 23 16-0034	EA	1-1/2 HP, 40 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	6,560.75	256.64
		For 300 Lb. Flanges, Add	*1,524.49*	
23 21 23 16-0035	EA	2 HP, 50 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	6,733.37	275.38
		For 300 Lb. Flanges, Add	*1,559.41*	
23 21 23 16-0036	EA	3 HP, 90 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	6,906.13	294.10
		For 300 Lb. Flanges, Add	*1,594.35*	
23 21 23 16-0037	EA	5 HP, 100 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	7,504.27	300.71
		For 300 Lb. Flanges, Add	*1,740.64*	
23 21 23 16-0038	EA	7-1/2 HP, 100 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	12,262.13	349.17
		For 300 Lb. Flanges, Add	*2,908.18*	
23 21 23 16-0039	EA	10 HP, 250 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	14,858.26	459.32
		For 300 Lb. Flanges, Add	*3,535.98*	
23 21 23 16-0040	EA	15 HP, 350 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	16,705.73	495.67
		For 300 Lb. Flanges, Add	*3,969.90*	
23 21 23 16-0041	EA	20 HP, 500 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	17,655.74	550.74
		For 300 Lb. Flanges, Add	*4,159.75*	
23 21 23 16-0042	EA	25 HP, 750 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	19,673.66	549.98
		For 300 Lb. Flanges, Add	*4,671.15*	
23 21 23 16-0043	EA	40 HP, 1,000 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	22,028.97	706.81
		For 300 Lb. Flanges, Add	*5,189.33*	
23 21 23 16-0044	EA	50 HP, 1,500 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	28,021.35	892.61
		For 300 Lb. Flanges, Add	*6,575.16*	
23 21 23 16-0045	EA	75 HP, 2,000 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	35,768.95	1,114.87
		For 300 Lb. Flanges, Add	*8,404.52*	
23 21 23 16-0046	EA	3,000 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 100 HP	44,994.90	1,338.33
		For 300 Lb. Flanges, Add	*10,603.46*	
23 21 23 16-0047	EA	150 HP, 3,500 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	53,343.73	1,486.49
		For 300 Lb. Flanges, Add	*12,618.97*	
23 21 23 16-0048	EA	200 HP, 4,000 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	61,355.09	1,911.89
		For 300 Lb. Flanges, Add	*14,416.97*	

23 21 23 16-0049 Two Stage, Horizontal Split Case, Cast Iron, Horizontal End Suction, Base Mounted Centrifugal Pump *(23 21 23 16)*

Note: 3500 RPM drip-proof motor, common base plate 500' head. Packed stuffing box and boiler feed water service.

23 21 23 16-0050	EA	40 HP, 100 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case	41,821.19	565.06
		For 300 Lb. Flanges, Add	*10,201.11*	
23 21 23 16-0051	EA	50 HP, 200 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case	45,147.06	612.43
		For 300 Lb. Flanges, Add	*11,011.39*	
23 21 23 16-0052	EA	75 HP, 300 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case	60,249.96	819.50
		For 300 Lb. Flanges, Add	*14,687.24*	
23 21 23 16-0053	EA	100 HP, 400 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case	70,317.40	1,126.06
		For 300 Lb. Flanges, Add	*17,063.39*	
23 21 23 16-0054	EA	200 HP, 800 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case	97,578.12	1,501.42
		For 300 Lb. Flanges, Add	*23,706.58*	

23 21 23 16-0055 Cast Iron Close Coupling Pumps *(23 21 23 16)*

23 21 23 16-0056 Foot Mounted Cast Iron Close Coupled Pumps *(23 21 23 16-0055)*

23 21 23 16-0057	EA	3 HP, 90 GPM At 50' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 1-1/2 AC, BF, 182JM)	5,950.61	330.45
23 21 23 16-0058	EA	3 HP, 150 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 2-1/2 AB, BF, 182JM)	6,481.23	330.45

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 23 16-0059	EA	5 HP, 225 GPM At 50' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 2-1/2 BB, BF, 184JM)	7,209.79	348.81
23 21 23 16-0060	EA	5 HP, 350 GPM At 25' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 4 AC, BF, 184JM)	7,679.18	348.81
23 21 23 16-0061	EA	7.5 HP, 350 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 4 AC, BF, 213JM)	8,830.48	366.79
23 21 23 16-0062	EA	10 HP, 600 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 5 A, BF, 215JM)	10,464.70	441.55
23 21 23 16-0063	EA	15 HP, 1,000 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 6 BC, BF, 254JP)	13,742.92	543.94
23 21 23 16-0064	EA	20 HP, 1,350 GPM At 30' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 6 BC, BF, 256JP)	14,711.01	588.72
23 21 23 16-0065	EA	25 HP, 1,550 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 6 BC, BF, 284JP)	17,044.74	635.82

23 21 23 16-0066 Pumps, Polypropylene Body, Housing And Impeller, 115/230 Volt *(23 21 23 16)*

23 21 23 16-0067	EA	1/3 HP, Centrifugal Pump, Polypropylene Body	1,495.87	170.68
23 21 23 16-0068	EA	1/2 HP, Centrifugal Pump, Polypropylene Body	1,595.83	180.96
23 21 23 16-0069	EA	3/4 HP, Centrifugal Pump, Polypropylene Body	1,861.72	192.68

23 21 23 16-0070 Multi Stage, Stainless Steel, Vertical Centrifugal Pump *(23 21 23 16)*

Note: Suction And Discharge Ports On The Same Level

23 21 23 16-0071	EA	7.5 HP, 90.3 GPM @ 206' Head, Multi Stage, Stainless Steel, Vertical Centrifugal Pump (Grundfos CRN15-4)	9,383.31	470.34
23 21 23 16-0072	EA	15 HP, 159 GPM @ 250' Head, Multi Stage, Stainless Steel, Vertical Centrifugal Pump (Grundfos CRN32-4)	12,855.02	581.59
23 21 23 16-0073	EA	25 HP, 239 GPM @ 212' Head, Multi Stage, Stainless Steel, Vertical Centrifugal Pump (Grundfos CRN64-2)	15,749.50	733.60

23 21 23 23 Vertical-Turbine Hydronic Pumps *(23 21 23)*

See CSI section 26 29 23 00-0000 for variable frequency motor controllers.

23 21 23 23-0001 Cast Iron, Bronze Fitted Vertical Turbine Wet Sump Pumps *(23 21 23 23)*

Note: For water supply, cooling towers and process liquids. Multi-stage 1750 RPM drip-proof motor. For 1' to 5' sump depth.

23 21 23 23-0002	EA	2 HP, 50 GPM Cast Iron Turbine Pump, 3" Discharge 100' Head, 10 Stage	13,285.25	816.21
		For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*482.45*	
		For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*349.60*	
		For Each Extra Column Assembly <60", Add	*1,111.78*	
23 21 23 23-0003	EA	3 HP, 100 GPM Cast Iron Turbine Pump, 4" Discharge 100' Head, 7 Stage	15,356.37	917.55
		For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*564.90*	
		For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*411.34*	
		For Each Extra Column Assembly <60", Add	*1,277.86*	
23 21 23 23-0004	EA	15 HP, 250 GPM Cast Iron Turbine Pump, 6" Discharge 150' Head, 5 Stage	18,528.02	892.61
		For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*677.11*	
		For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*491.83*	
		For Each Extra Column Assembly <60", Add	*1,546.26*	
23 21 23 23-0005	EA	25 HP, 500 GPM Cast Iron Turbine Pump, 6" Discharge 150' Head, 3 Stage	21,887.60	1,030.03
		For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*809.32*	
		For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*590.45*	
		For Each Extra Column Assembly <60", Add	*1,817.19*	
23 21 23 23-0006	EA	50 HP, 1,000 GPM Cast Iron Turbine Pump, 8" Discharge 150' Head, 2 Stage	27,001.53	1,114.87
		For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*1,008.37*	
		For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*738.35*	
		For Each Extra Column Assembly <60", Add	*2,231.82*	
23 21 23 23-0007	EA	100 HP, 2,000 GPM Cast Iron Turbine Pump, 10" Discharge 150' Head, 3 Stage	35,541.25	1,338.33
		For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*1,335.62*	
		For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*980.20*	
		For Each Extra Column Assembly <60", Add	*2,929.34*	

23 21 29 Automatic Condensate Pump Units *(23 21)*

23 21 29 00-0001 Automatic Shallow Pan Condensate Pump *(23 21 29)*

23 21 29 00-0002	EA	1/150 HP, 205 GPH (Max) Automatic Shallow Pan Condensate Pump (Little Giant 1-ABS)	239.70	35.80
23 21 29 00-0003	EA	1/40 HP, 300 GPH (Max) Automatic Shallow Pan Condensate Pump (Little Giant 2-ABS)	260.72	35.80
23 21 29 00-0004	EA	1/12 HP, 310 GPH (Max) Automatic Shallow Pan Condensate Pump (Little Giant 3-ABS)	410.11	41.30

23 21 29 00-0005 Automatic Condensate Pump With Tank *(23 21 29)*

23 21 29 00-0006	EA	1/20 HP Automatic Condensate Pump With Tank (Hartell KT-15-1UL)	129.53	27.54
23 21 29 00-0007	EA	1/30 HP Automatic Condensate Pump With Tank (Little Giant VCMX-20)	138.51	27.54
23 21 29 00-0008	EA	1/50 HP, 200 GPH (Max) Automatic Condensate Removal Pump With Safety Switch (Little Giant VCL-14ULS)	232.82	35.80
23 21 29 00-0009	EA	1/18 HP, 270 GPH (Max) Automatic Condensate Removal Pump With Safety Switch (Little Giant VCL-24ULS)	250.71	41.30
23 21 29 00-0010	EA	1/5 HP, 450 GPH (Max) Automatic Condensate Removal Pump With Safety Switch (Little Giant VCL-45ULS) Condensate Pump	470.05	46.82

23 22 Steam and Condensate Piping and Pumps *(23 20)*

23 22 16 Steam and Condensate Heating Piping Specialties *(23 22)*

23 22 16 00-0001 High Temperature Safety Relief Valve *(23 22 16)*

Note: Used in steam or water boiler, heating systems and unfired pressure vessel applications.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 22 16 00-0002		**Cast Iron Body Safety Valve, Steam Or Water** *(23 22 16 00-0001)* Note: Variable set points to 500 PSIG pressure, 400 Degree F temperature range.		
23 22 16 00-0003		**Threaded** *(23 22 16 00-0002)*		
23 22 16 00-0004	EA	3/4" x 1" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	523.57	17.93
23 22 16 00-0005	EA	1" x 1-1/4" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	547.74	21.22
23 22 16 00-0006	EA	1-1/4" x 1-1/2" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	603.93	26.90
23 22 16 00-0007	EA	1-1/2" x 2" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	745.16	29.89
23 22 16 00-0008	EA	2" x 2-1/2" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	954.13	36.76
23 22 16 00-0009	EA	2-1/2" x 2-1/2" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	1,481.71	41.85
23 22 16 00-0010	EA	3" x 3" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	1,605.52	48.12
23 22 16 00-0011		**Flanged** *(23 22 16 00-0002)*		
23 22 16 00-0012	EA	1-1/2" x 2-1/2" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	3,694.93	125.53
23 22 16 00-0013	EA	2" x 3" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	4,300.32	188.70
23 22 16 00-0014	EA	2-1/2" x 3" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	4,752.12	173.76
23 22 16 00-0015	EA	2-1/2" x 4" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	5,770.65	250.97
23 22 16 00-0016	EA	3" x 3" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	6,161.62	187.16
23 22 16 00-0017	EA	3" x 4" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	7,238.39	250.97
23 22 16 00-0018	EA	4" x 6" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	12,115.35	356.14
23 22 16 00-0019	EA	6" x 8" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	24,108.93	397.75
23 22 16 00-0020		**Bronze Body Safety Valve, Threaded, Steam** *(23 22 16 00-0001)* Note: Variable set points to 250 PSIG pressure, 400 Degree F temperature range. Valve also can be set for Air or Gas with variable set points to 300 PSIG pressure.		
23 22 16 00-0021	EA	3/4" x 3/4" Threaded Bronze Body Safety Relief Valve, Steam	570.04	16.44
23 22 16 00-0022	EA	3/4" x 1" Threaded Bronze Body Safety Relief Valve, Steam	583.78	17.93
23 22 16 00-0023	EA	1" x 1" Threaded Bronze Body Safety Relief Valve, Steam	683.44	19.73
23 22 16 00-0024	EA	1" x 1-1/4" Threaded Bronze Body Safety Relief Valve, Steam	754.77	21.22
23 22 16 00-0025	EA	1-1/4" x 1-1/4" Threaded Bronze Body Safety Relief Valve, Steam	873.37	23.91
23 22 16 00-0026	EA	1-1/4" x 1-1/2" Threaded Bronze Body Safety Relief Valve, Steam	877.38	26.90
23 22 16 00-0027	EA	1-1/2" x 1-1/2" Threaded Bronze Body Safety Relief Valve, Steam	987.08	28.40
23 22 16 00-0028	EA	1-1/2" x 2" Threaded Bronze Body Safety Relief Valve, Steam	1,075.83	29.89
23 22 16 00-0029	EA	2" x 2" Threaded Bronze Body Safety Relief Valve, Steam	1,494.84	33.47
23 22 16 00-0030	EA	2" x 2-1/2" Threaded Bronze Body Safety Relief Valve, Steam	1,633.66	36.76
23 22 16 00-0031	EA	2-1/2" x 2-1/2" Threaded Bronze Body Safety Relief Valve, Steam	1,949.54	41.85
23 22 16 00-0032		**Bronze Body Safety Valve, Threaded, Water** *(23 22 16 00-0001)* Note: Variable set points to 160 psig pressure, 250 Degree F temperature range.		
23 22 16 00-0033	EA	3/4" x 3/4" Threaded Bronze Body Safety Relief Valve, Water	267.01	16.44
23 22 16 00-0034	EA	3/4" x 1" Threaded Bronze Body Safety Relief Valve, Water	304.40	17.93
23 22 16 00-0035	EA	1" x 1" Threaded Bronze Body Safety Relief Valve, Water	422.42	19.73
23 22 16 00-0036	EA	1" x 1-1/4" Threaded Bronze Body Safety Relief Valve, Water	465.17	21.22
23 22 16 00-0037	EA	1-1/4" x 1-1/4" Threaded Bronze Body Safety Relief Valve, Water	673.88	23.91
23 22 16 00-0038	EA	1-1/2" x 1-1/2" Threaded Bronze Body Safety Relief Valve, Water	909.62	28.40
23 22 16 00-0039	EA	2" x 2" Threaded Bronze Body Safety Relief Valve, Water	1,328.01	33.47
23 22 16 00-0040		**Steam Temperature Regulator, Iron Body** *(23 22 16)*		
23 22 16 00-0041		**Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body** *(23 22 16 00-0040)* Note: Up to 150 PSI.		
23 22 16 00-0042	EA	1/2" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,409.93	17.21
23 22 16 00-0043	EA	3/4" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,483.21	23.19
23 22 16 00-0044	EA	1" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,968.49	28.57
23 22 16 00-0045	EA	1-1/4" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,173.32	36.11
23 22 16 00-0046	EA	1-1/2" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,229.74	41.48
23 22 16 00-0047	EA	2" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,635.00	45.14
23 22 16 00-0048	EA	2-1/2" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	3,352.79	82.68
23 22 16 00-0049	EA	3" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	5,493.67	90.17
23 22 16 00-0050	EA	4" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	7,993.85	211.05
23 22 16 00-0051	EA	6" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	13,371.93	247.71
23 22 16 00-0052		**Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body** *(23 22 16 00-0040)*		
23 22 16 00-0053	EA	1/2" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,090.71	17.21
23 22 16 00-0054	EA	3/4" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,165.03	23.19
23 22 16 00-0055	EA	1" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,261.26	28.57
23 22 16 00-0056	EA	1-1/4" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,706.74	36.11
23 22 16 00-0057	EA	1-1/2" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,899.54	41.48
23 22 16 00-0058	EA	2" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	3,292.74	45.14
23 22 16 00-0059	EA	2-1/2" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	5,045.33	82.68
23 22 16 00-0060	EA	3" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	7,629.74	90.17
23 22 16 00-0061	EA	4" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	10,498.00	211.05
23 22 16 00-0062	EA	6" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	17,025.72	247.71

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 22 16 00-0063		Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body *(23 22 16 00-0040)*		
23 22 16 00-0064	EA	1/2" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,849.76	17.21
23 22 16 00-0065	EA	3/4" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,890.96	23.19
23 22 16 00-0066	EA	1" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	3,163.68	28.57
23 22 16 00-0067	EA	1-1/4" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	3,444.73	36.11
23 22 16 00-0068	EA	1-1/2" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	3,569.34	41.48
23 22 16 00-0069	EA	2" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	4,026.73	45.14
23 22 16 00-0070	EA	2-1/2" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	7,451.77	82.68
23 22 16 00-0071	EA	3" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	10,831.04	90.17
23 22 16 00-0072	EA	4" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	13,632.41	211.05
23 22 16 00-0073	EA	6" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	19,156.17	247.71
23 22 16 00-0074		Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body *(23 22 16 00-0040)*		
23 22 16 00-0075	EA	1/2" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	3,651.90	17.21
23 22 16 00-0076	EA	3/4" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	3,689.11	23.19
23 22 16 00-0077	EA	1" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	4,005.93	28.57
23 22 16 00-0078	EA	1-1/4" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	4,174.65	36.11
23 22 16 00-0079	EA	1-1/2" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	4,335.38	41.48
23 22 16 00-0080	EA	2" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	4,720.58	45.14
23 22 16 00-0081	EA	2-1/2" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	7,852.84	82.68
23 22 16 00-0082	EA	3" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	11,388.76	90.17
23 22 16 00-0083	EA	4" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	14,190.13	211.05
23 22 16 00-0084	EA	6" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	19,713.90	247.71
23 22 16 00-0085		Steam Traps *(23 22 16)*		
23 22 16 00-0086		Inverted Bucket Steam Traps *(23 22 16 00-0085)*		
23 22 16 00-0087	EA	1/2" 250 PSI Inverted Bucket Cast Iron Steam Trap	343.01	35.88
		For Work In Restricted Working Space, Add	*21.53*	
23 22 16 00-0088	EA	3/4" 250 PSI Inverted Bucket Cast Iron Steam Trap	346.00	37.37
		For Work In Restricted Working Space, Add	*22.43*	
23 22 16 00-0089	EA	1" 250 PSI Inverted Bucket Cast Iron Steam Trap	516.38	39.83
		For Work In Restricted Working Space, Add	*23.92*	
23 22 16 00-0090	EA	1-1/4" 250 PSI Inverted Bucket Cast Iron Steam Trap	836.46	54.36
		For Work In Restricted Working Space, Add	*32.62*	
23 22 16 00-0091	EA	1-1/2" 250 PSI Inverted Bucket Cast Iron Steam Trap	1,246.99	66.98
		For Work In Restricted Working Space, Add	*39.86*	
23 22 16 00-0092	EA	2" 250 PSI Inverted Bucket Cast Iron Steam Trap	1,589.48	99.67
		For Work In Restricted Working Space, Add	*59.80*	
23 22 16 00-0093		Float And Thermostatic Steam Traps *(23 22 16 00-0085)*		
23 22 16 00-0094	EA	3/4" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap	362.64	37.37
		For Work In Restricted Working Space, Add	*22.43*	
23 22 16 00-0095	EA	1" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap	478.88	39.86
		For Work In Restricted Working Space, Add	*23.92*	
23 22 16 00-0096	EA	1-1/4" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap	591.68	54.36
		For Work In Restricted Working Space, Add	*32.62*	
23 22 16 00-0097	EA	1-1/2" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap	867.90	66.44
		For Work In Restricted Working Space, Add	*39.87*	
23 22 16 00-0098	EA	2" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap	1,467.35	99.63
		For Work In Restricted Working Space, Add	*59.80*	
23 22 16 00-0099	EA	3/4" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap	462.87	37.37
		For Work In Restricted Working Space, Add	*22.43*	
23 22 16 00-0100	EA	1" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap	503.14	39.83
		For Work In Restricted Working Space, Add	*23.92*	
23 22 16 00-0101	EA	1-1/4" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap	657.82	54.36
		For Work In Restricted Working Space, Add	*32.62*	
23 22 16 00-0102	EA	1-1/2" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap	1,027.98	66.38
		For Work In Restricted Working Space, Add	*39.87*	
23 22 16 00-0103	EA	2" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap	1,615.10	99.67
		For Work In Restricted Working Space, Add	*59.80*	
23 22 16 00-0104	EA	3/4" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap	601.80	37.37
		For Work In Restricted Working Space, Add	*22.43*	
23 22 16 00-0105	EA	1" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap	670.74	39.86
		For Work In Restricted Working Space, Add	*23.92*	
23 22 16 00-0106	EA	1-1/4" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap	1,021.70	54.36
		For Work In Restricted Working Space, Add	*32.62*	
23 22 16 00-0107	EA	1-1/2" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap	1,228.46	66.38
		For Work In Restricted Working Space, Add	*39.87*	
23 22 16 00-0108	EA	2" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap	2,031.88	99.67
		For Work In Restricted Working Space, Add	*59.80*	
23 22 16 00-0109	EA	3/4" 150 PSI Maximum Pressure Float And Thermostatic Steam Trap	610.62	37.37
		For Work In Restricted Working Space, Add	*22.43*	
23 22 16 00-0110	EA	1" 150 PSI Maximum Pressure Float And Thermostatic Steam Trap	670.74	39.86
		For Work In Restricted Working Space, Add	*23.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 22 16 00-0111	EA	1-1/4" 150 PSI Max Pressure Float And Thermostatic Steam Trap	1,021.70	54.36
		For Work In Restricted Working Space, Add	*32.62*	
23 22 16 00-0112	EA	1-1/2" 150 PSI Max Pressure Float And Thermostatic Steam Trap	1,228.46	66.38
		For Work In Restricted Working Space, Add	*39.87*	
23 22 16 00-0113	EA	2" 150 PSI Maximum Pressure Float And Thermostatic Steam Trap	2,031.88	99.67
		For Work In Restricted Working Space, Add	*59.80*	
23 22 16 00-0114		**Thermostatic Steam Traps** *(23 22 16 00-0085)*		
23 22 16 00-0115	EA	1/2" 25 PSI Maximum Pressure Thermostatic Steam Trap	174.07	35.88
		For Work In Restricted Working Space, Add	*21.53*	
23 22 16 00-0116	EA	3/4" 25 PSI Maximum Pressure Thermostatic Steam Trap	293.05	37.37
		For Work In Restricted Working Space, Add	*22.43*	
23 22 16 00-0117	EA	1" 25 PSI Maximum Pressure Thermostatic Steam Trap	362.51	39.83
		For Work In Restricted Working Space, Add	*23.92*	
23 22 16 00-0118		**Thermodynamic Steam Traps** *(23 22 16 00-0085)*		
23 22 16 00-0119	EA	3/8" 600 PSI Maximum Pressure Thermodynamic Steam Trap	388.52	32.30
23 22 16 00-0120	EA	1/2" 600 PSI Maximum Pressure Thermodynamic Steam Trap	552.51	35.88
23 22 16 00-0121	EA	3/4" 600 PSI Maximum Pressure Thermodynamic Steam Trap	685.59	37.37
23 22 16 00-0122	EA	1" 600 PSI Maximum Pressure Thermodynamic Steam Trap	919.92	39.83
23 22 16 00-0123		**Steam Moisture Separator** *(23 22 16 00-0085)*		
23 22 16 00-0124	EA	1/2" Steam Moisture Separator, Threaded (Spirax Sarco S1)	800.66	59.80
23 22 16 00-0125	EA	3/4" Steam Moisture Separator, Threaded (Spirax Sarco S1)	847.51	80.74
23 22 16 00-0126	EA	1" Steam Moisture Separator, Threaded (Spirax Sarco S1)	1,020.98	90.90
23 22 16 00-0127	EA	1-1/2" Steam Moisture Separator, Threaded (Spirax Sarco S2)	1,617.92	104.05
23 22 16 00-0128	EA	2" Steam Moisture Separator, Flanged (Spirax Sarco S3)	1,979.20	159.43
23 22 16 00-0129	EA	2-1/2" Steam Moisture Separator, Flanged (Spirax Sarco S3)	2,984.23	173.43
23 22 16 00-0130	EA	3" Steam Moisture Separator, Flanged (Spirax Sarco S3)	3,408.67	203.33
23 22 16 00-0131	EA	4" Steam Moisture Separator, Flanged (Spirax Sarco S3)	4,708.93	340.87
23 22 16 00-0132	EA	6" Steam Moisture Separator, Flanged (Spirax Sarco S3)	9,214.44	430.57
23 22 16 00-0133		**Steam/Condensate Meter** *(23 22 16)*		
		Note: Meter shall be of the rotary volumetric type and sized on the maximum estimated steam demand.		
23 22 16 00-0134	EA	1" Steam/Condensate Meter	12,869.01	99.08
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
23 22 16 00-0135	EA	2" Steam/Condensate Meter	14,512.37	116.43
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
23 22 16 00-0136	EA	2-1/2" Steam/Condensate Meter	15,359.93	144.49
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
23 22 16 00-0137	EA	3" Steam/Condensate Meter	16,230.62	189.91
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
23 22 16 00-0138	EA	4" Steam/Condensate Meter	18,170.68	295.04
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
23 22 16 00-0139	EA	6" Steam/Condensate Meter	31,327.21	373.21
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
23 22 16 00-0140	EA	8" Steam/Condensate Meter	32,313.35	471.19
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	

23 22 23 Steam Condensate Pumps *(23 22)*

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 22 23 13		**Electric-Driven Steam Condensate Pumps** *(23 22 23)*			
23 22 23 13-0001		Simplex Condensate Pumps And Motors *(23 22 23 13)* Note: Cast iron receiver, float switch.			
23 22 23 13-0002		20 PSI Discharge Pressure *(23 22 23 13-0001)*			
23 22 23 13-0003	EA	3 To 6 GPM Simplex Condensate Pump And 1/3 HP Motor With 6 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure		2,069.85	560.66
23 22 23 13-0004	EA	9 To 12 GPM Simplex Condensate Pump And 1/3 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure		2,641.00	576.08
23 22 23 13-0005	EA	15 GPM Simplex Condensate Pump And 1/2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure		2,763.57	614.63
23 22 23 13-0006	EA	22.5 GPM Simplex Condensate Pump And 1/2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure		3,036.38	621.24
23 22 23 13-0007	EA	30 GPM Simplex Condensate Pump And 3/4 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure		3,390.54	676.32
23 22 23 13-0008	EA	37.5 GPM Simplex Condensate Pump And 3/4 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure		4,944.53	676.32
23 22 23 13-0009	EA	45 GPM Simplex Condensate Pump And 1 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure		5,030.94	722.58
23 22 23 13-0010	EA	60 GPM Simplex Condensate Pump And 1-1/2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure		6,121.01	755.62
23 22 23 13-0011	EA	75 GPM Simplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure		6,186.63	788.67
23 22 23 13-0012		30 PSI Discharge Pressure *(23 22 23 13-0001)*			
23 22 23 13-0013	EA	3 To 6 GPM Simplex Condensate Pump And 1/2 HP Motor With 6 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure		2,370.14	599.21
23 22 23 13-0014	EA	9 To 12 GPM Simplex Condensate Pump And 1/2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure		3,067.21	614.63
23 22 23 13-0015	EA	15 GPM Simplex Condensate Pump And 3/4 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure		3,187.04	655.39
23 22 23 13-0016	EA	22.5 GPM Simplex Condensate Pump And 1 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure		3,679.57	708.26
23 22 23 13-0017	EA	30 To 37.5 GPM Simplex Condensate Pump And 1 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure		5,030.94	723.68
23 22 23 13-0018	EA	45 GPM Simplex Condensate Pump And 1-1/2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure		5,170.70	749.01
23 22 23 13-0019	EA	60 GPM Simplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure		5,330.02	788.67
23 22 23 13-0020	EA	75 GPM Simplex Condensate Pump And 3 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure		6,173.64	839.33
23 22 23 13-0021		40 PSI Discharge Pressure *(23 22 23 13-0001)*			
23 22 23 13-0022	EA	3 To 6 GPM Simplex Condensate Pump And 1 HP Motor With 6 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure		2,644.27	687.33
23 22 23 13-0023	EA	9 To 15 GPM Simplex Condensate Pump And 1 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure		3,322.81	742.40
23 22 23 13-0024	EA	22.5 GPM Simplex Condensate Pump And 1-1/2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure		3,881.03	733.60
23 22 23 13-0025	EA	30 To 37.5 GPM Simplex Condensate Pump And 1-1/2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure		5,146.02	749.01
23 22 23 13-0026	EA	45 GPM Simplex Condensate Pump And 2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure		5,257.30	780.96
23 22 23 13-0027	EA	60 GPM Simplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure		6,186.63	788.67
23 22 23 13-0028	EA	75 GPM Simplex Condensate Pump And 3 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure		6,278.55	839.33
23 22 23 13-0029		50 PSI Discharge Pressure *(23 22 23 13-0001)*			
23 22 23 13-0030	EA	3 To 6 GPM Simplex Condensate Pump And 2 HP Motor With 6 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure		4,912.16	744.61
23 22 23 13-0031	EA	9 To 15 GPM Simplex Condensate Pump And 2 HP Motor With 13.6 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure		3,586.19	760.03
23 22 23 13-0032	EA	22.5 GPM Simplex Condensate Pump And 2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure		4,107.11	765.54
23 22 23 13-0033	EA	30 To 45 GPM Simplex Condensate Pump And 3 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure		5,347.97	832.73
23 22 23 13-0034	EA	60 To 75 GPM Simplex Condensate Pump And 5 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure		8,383.51	897.72
23 22 23 13-0035		Duplex Condensate Pumps And Motors *(23 22 23 13)* Note: Cast iron receiver, float switch, alternator assembly.			
23 22 23 13-0036		20 PSI Discharge Pressure *(23 22 23 13-0035)*			
23 22 23 13-0037	EA	9 To 12 GPM Duplex Condensate Pump And 1/3 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure		3,392.64	752.32
23 22 23 13-0038	EA	15 GPM Duplex Condensate Pump And 1/2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure		3,598.94	826.12

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 22 23 13-0039	EA	22.5 GPM Duplex Condensate Pump And 1/2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	3,923.59	832.73
23 22 23 13-0040	EA	30 GPM Duplex Condensate Pump And 3/4 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	4,381.41	907.63
23 22 23 13-0041	EA	37.5 GPM Duplex Condensate Pump And 3/4 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	6,058.83	907.63
23 22 23 13-0042	EA	45 GPM Duplex Condensate Pump And 1 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	6,181.71	978.13
23 22 23 13-0043	EA	60 GPM Duplex Condensate Pump And 1-1/2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	7,304.37	1,021.09
23 22 23 13-0044	EA	75 GPM Duplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	7,488.85	1,071.75
23 22 23 13-0045		30 PSI Discharge Pressure *(23 22 23 13-0035)*		
23 22 23 13-0046	EA	9 To 12 GPM Duplex Condensate Pump And 1/2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	4,374.39	810.69
23 22 23 13-0047	EA	15 GPM Duplex Condensate Pump And 3/4 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	4,585.22	885.60
23 22 23 13-0048	EA	22.5 GPM Duplex Condensate Pump And 1 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	5,072.27	863.57
23 22 23 13-0049	EA	30 To 37.5 GPM Duplex Condensate Pump And 1 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	6,181.71	978.13
23 22 23 13-0050	EA	45 GPM Duplex Condensate Pump And 1-1/2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	6,358.99	1,014.47
23 22 23 13-0051	EA	60 GPM Duplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	7,241.99	1,071.75
23 22 23 13-0052	EA	75 GPM Duplex Condensate Pump And 3 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	7,604.51	1,148.86
23 22 23 13-0053		40 PSI Discharge Pressure *(23 22 23 13-0035)*		
23 22 23 13-0054	EA	9 To 15 GPM Duplex Condensate Pump And 1 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	4,757.48	956.09
23 22 23 13-0055	EA	22.5 GPM Duplex Condensate Pump And 1-1/2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	5,247.07	999.05
23 22 23 13-0056	EA	30 To 37.5 GPM Duplex Condensate Pump And 1-1/2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	6,373.80	1,014.47
23 22 23 13-0057	EA	45 GPM Duplex Condensate Pump And 2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	6,559.53	1,065.14
23 22 23 13-0058	EA	60 GPM Duplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	7,490.08	1,071.75
23 22 23 13-0059	EA	75 GPM Duplex Condensate Pump And 3 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	7,634.13	1,148.86
23 22 23 13-0060		50 PSI Discharge Pressure *(23 22 23 13-0035)*		
23 22 23 13-0061	EA	9 To 15 GPM Duplex Condensate Pump And 2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	4,962.38	956.09
23 22 23 13-0062	EA	22.5 GPM Duplex Condensate Pump And 2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	5,358.74	1,050.82
23 22 23 13-0063	EA	30 To 45 GPM Duplex Condensate Pump And 3 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	6,704.80	1,141.14
23 22 23 13-0064	EA	60 To 75 GPM Duplex Condensate Pump And 5 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	11,556.85	1,235.87

23 23 Refrigerant Piping *(23 20)*

23 23 13 Refrigerant Piping Valves *(23 23)*

23 23 13 00-0001		Ball Valves *(23 23 13)*		
23 23 13 00-0002		Refrigeration Ball Valves, Sweat, 1400 Series *(23 23 13 00-0001)*		
23 23 13 00-0003	EA	3/8" Refrigeration Ball Valve, Sweated	49.03	11.96
23 23 13 00-0004	EA	1/2" Refrigeration Ball Valve, Sweated	50.96	11.96
23 23 13 00-0005	EA	5/8" Refrigeration Ball Valve, Sweated	69.07	11.96
23 23 13 00-0006	EA	7/8" Refrigeration Ball Valve, Sweated	92.46	13.15
23 23 13 00-0007	EA	1-1/8" Refrigeration Ball Valve, Sweated	130.05	14.95
23 23 13 00-0008	EA	1-5/8" Refrigeration Ball Valve, Sweated	212.38	18.41
23 23 13 00-0009		Shut-Off Valves *(23 23 13)*		
23 23 13 00-0010		Packless *(23 23 13 00-0009)*		
23 23 13 00-0011	EA	1/2" Refrigeration Valve, Packless	66.63	12.44
23 23 13 00-0012	EA	5/8" Refrigeration Valve, Packless	83.52	13.64
23 23 13 00-0013	EA	7/8" Refrigeration Valve, Packless	172.22	18.66
23 23 13 00-0014		Packed *(23 23 13 00-0009)*		
23 23 13 00-0015	EA	1-1/8" Refrigeration Valve, Packed	306.62	27.15
23 23 13 00-0016	EA	1 3/8" Refrigeration Valve, Packed	410.27	33.25

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 23 13 00-0017	EA	1-5/8" Refrigeration Valve, Packed	500.10	37.43
23 23 13 00-0018	EA	2-1/8" Refrigeration Valve, Packed	715.70	42.70
23 23 13 00-0019	EA	2-5/8" Refrigeration Valve, Packed	1,182.30	119.60
23 23 13 00-0020	EA	3-1/8" Refrigeration Valve, Packed	1,552.24	149.50
23 23 13 00-0021	EA	4-1/8" Refrigeration Valve, Packed	2,208.73	199.38

23 23 13 00-0022 Check Valves *(23 23 13)*

23 23 13 00-0023	EA	5/8" Check Valve, Refrigeration	83.85	11.96
23 23 13 00-0024	EA	7/8" Check Valve, Refrigeration	268.41	13.15
23 23 13 00-0025	EA	1-1/8" Check Valve, Refrigeration	311.16	14.95
23 23 13 00-0026	EA	1 3/8" Check Valve, Refrigeration	419.31	15.91
23 23 13 00-0027	EA	1-5/8" Check Valve, Refrigeration	552.73	18.42
23 23 13 00-0028	EA	2-1/8" Check Valve, Refrigeration	821.04	21.76
23 23 13 00-0029	EA	2-5/8" Check Valve, Refrigeration	1,149.01	31.93
23 23 13 00-0030	EA	3-1/8" Check Valve, Refrigeration	1,521.46	41.86

23 23 13 00-0031 Solenoid Valves *(23 23 13)*

23 23 13 00-0032 Solenoid Valve, 24 Volt Coil *(23 23 13 00-0031)*

23 23 13 00-0033	EA	1/2" Solenoid Valve, Refrigeration	229.16	11.96
23 23 13 00-0034	EA	5/8" Solenoid Valve, Refrigeration	234.69	11.96
23 23 13 00-0035	EA	3/4" Solenoid Valve, Refrigeration	290.03	13.15
23 23 13 00-0036	EA	7/8" Solenoid Valve, Refrigeration	290.03	13.15
23 23 13 00-0037	EA	1-1/8" Solenoid Valve, Refrigeration	406.39	14.95
23 23 13 00-0038	EA	1 3/8" Solenoid Valve, Refrigeration	653.04	15.91
23 23 13 00-0039	EA	1-5/8" Solenoid Valve, Refrigeration	1,203.98	18.42
23 23 13 00-0040	EA	2-1/8" Solenoid Valve, Refrigeration	1,220.70	21.76

23 23 16 Refrigerant Piping Specialties *(23 23)*

23 23 16 00-0001 Soft Refrigeration Copper Tubing *(23 23 16)*

Note: Based on outside diameter. Nitrogenized. Lengths up to 100' See CSI section 22 07 19 00-0226 for flexible elastomeric insulation (insulation on suction line only).

23 23 16 00-0002	LF	1/8" Outside Diameter Soft Refrigeration Copper Tubing	5.02	2.85
23 23 16 00-0003	LF	3/16" Outside Diameter Soft Refrigeration Copper Tubing	5.26	2.92
23 23 16 00-0004	LF	1/4" Outside Diameter Soft Refrigeration Copper Tubing	5.50	3.00
23 23 16 00-0005	LF	5/16" Outside Diameter Soft Refrigeration Copper Tubing	5.90	3.05
23 23 16 00-0006	LF	3/8" Outside Diameter Soft Refrigeration Copper Tubing	6.09	3.10
23 23 16 00-0007	LF	1/2" Outside Diameter Soft Refrigeration Copper Tubing	6.85	3.25
23 23 16 00-0008	LF	5/8" Outside Diameter Soft Refrigeration Copper Tubing	7.56	3.29
23 23 16 00-0009	LF	3/4" Outside Diameter Soft Refrigeration Copper Tubing	8.28	3.40
23 23 16 00-0010	LF	7/8" Outside Diameter Soft Refrigeration Copper Tubing	10.70	4.00
23 23 16 00-0011	LF	1-1/8" Outside Diameter Soft Refrigeration Copper Tubing	13.63	4.58
23 23 16 00-0012	LF	1-3/8" Outside Diameter Soft Refrigeration Copper Tubing	19.77	5.42
23 23 16 00-0013	LF	1-5/8" Outside Diameter Soft Refrigeration Copper Tubing	23.86	6.06

23 23 16 00-0014 Type L Drawn, ACR Copper Tubing *(23 23 16)*

Note: Nitrogenized. Lengths up to 20'. See CSI section 22 07 19 00-0226 for flexible elastomeric insulation (insulation on suction line only).

23 23 16 00-0015	LF	3/8" Outside Diameter Type L Drawn, ACR Copper Tubing	6.74	3.35
		For Medical Applications "Oxygen Clean", Add	*0.59*	
23 23 16 00-0016	LF	1/2" Outside Diameter Type L Drawn, ACR Copper Tubing	7.59	3.35
		For Medical Applications "Oxygen Clean", Add	*0.64*	
23 23 16 00-0017	LF	5/8" Outside Diameter Type L Drawn, ACR Copper Tubing	8.14	3.35
		For Medical Applications "Oxygen Clean", Add	*0.66*	
23 23 16 00-0018	LF	3/4" Outside Diameter Type L Drawn, ACR Copper Tubing	11.74	5.03
		For Medical Applications "Oxygen Clean", Add	*0.96*	
23 23 16 00-0019	LF	7/8" Outside Diameter Type L Drawn, ACR Copper Tubing	12.83	5.38
		For Medical Applications "Oxygen Clean", Add	*1.05*	
23 23 16 00-0020	LF	1-1/8" Outside Diameter Type L Drawn, ACR Copper Tubing	14.97	5.38
		For Medical Applications "Oxygen Clean", Add	*1.15*	
23 23 16 00-0021	LF	1-3/8" Outside Diameter Type L Drawn, ACR Copper Tubing	18.66	6.22
		For Medical Applications "Oxygen Clean", Add	*1.40*	
23 23 16 00-0022	LF	1-5/8" Outside Diameter Type L Drawn, ACR Copper Tubing	22.61	7.18
		For Medical Applications "Oxygen Clean", Add	*1.67*	
23 23 16 00-0023	LF	2-1/8" Outside Diameter Type L Drawn, ACR Copper Tubing	32.05	8.97
		For Medical Applications "Oxygen Clean", Add	*2.27*	
23 23 16 00-0024	LF	2-5/8" Outside Diameter Type L Drawn, ACR Copper Tubing	48.08	13.51
		For Medical Applications "Oxygen Clean", Add	*3.42*	
23 23 16 00-0025	LF	3-1/8" Outside Diameter Type L Drawn, ACR Copper Tubing	62.23	16.75
		For Medical Applications "Oxygen Clean", Add	*4.37*	
23 23 16 00-0026	LF	3-5/8" Outside Diameter Type L Drawn, ACR Copper Tubing	78.36	19.84
		For Medical Applications "Oxygen Clean", Add	*5.41*	
23 23 16 00-0027	LF	4-1/8" Outside Diameter Type L Drawn, ACR Copper Tubing	96.90	23.92
		For Medical Applications "Oxygen Clean", Add	*6.64*	

23 23 16 00-0028 Refrigeration Fittings *(23 23 16)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 23 16 00-0029		**Brass Flare Fittings** *(23 23 16 00-0028)*		
23 23 16 00-0030		**Brass Flare Unions** *(23 23 16 00-0029)*		
23 23 16 00-0031	EA	3/8" Brass Flare Union	30.97	12.92
23 23 16 00-0032	EA	1/2" Brass Flare Union	30.97	12.92
23 23 16 00-0033	EA	5/8" Brass Flare Union	33.97	12.92
23 23 16 00-0034		**90 Degree Elbow Brass Flare Unions** *(23 23 16 00-0029)*		
23 23 16 00-0035	EA	3/8" 90 Degree Brass Flare Elbow Union	32.79	12.92
23 23 16 00-0036	EA	1/2" 90 Degree Brass Flare Elbow Union	32.79	12.92
23 23 16 00-0037	EA	5/8" 90 Degree Brass Flare Elbow Union	42.85	12.92
23 23 16 00-0038		**Brass Flare Tees** *(23 23 16 00-0029)*		
23 23 16 00-0039	EA	3/8" Brass Flare Tee	49.45	21.52
23 23 16 00-0040	EA	1/2" Brass Flare Tee	53.94	21.52
23 23 16 00-0041	EA	5/8" Brass Flare Tee	78.36	21.52
23 23 16 00-0042		**Male Connector, Half Brass Flare Unions** *(23 23 16 00-0029)*		
23 23 16 00-0043	EA	3/8" Brass Flare Male Connector, Half Union	22.71	12.92
23 23 16 00-0044	EA	1/2" Brass Flare Male Connector, Half Union	25.72	12.92
23 23 16 00-0045	EA	5/8" Brass Flare Male Connector, Half Union	30.00	12.92
23 23 16 00-0046		**Female Connector, Half Brass Flare Unions** *(23 23 16 00-0029)*		
23 23 16 00-0047	EA	3/8" Brass Flare Female Connector, Half Union	26.58	12.92
23 23 16 00-0048	EA	1/2" Brass Flare Female Connector, Half Union	30.65	12.92
23 23 16 00-0049	EA	5/8" Brass Flare Female Connector, Half Union	30.65	12.92
23 23 16 00-0050		**Long Forged Nuts** *(23 23 16 00-0029)*		
23 23 16 00-0051	EA	3/8" Brass Long Forged Nut	24.54	12.92
23 23 16 00-0052	EA	1/2" Brass Long Forged Nut	25.72	12.92
23 23 16 00-0053	EA	5/8" Brass Long Forged Nut	38.78	12.92
23 23 16 00-0054		**Short Forged Nuts** *(23 23 16 00-0029)*		
23 23 16 00-0055	EA	3/8" Brass Short Forged Nut	22.84	12.92
23 23 16 00-0056	EA	1/2" Brass Short Forged Nut	25.55	12.92
23 23 16 00-0057	EA	5/8" Brass Short Forged Nut	26.11	12.92
23 23 16 00-0058		**ACR Wrought Copper Fittings** *(23 23 16 00-0028)* Note: Soldered.		
23 23 16 00-0059		**ACR Wrought Copper Coupling** *(23 23 16 00-0058)* Note: C x C		
23 23 16 00-0060	EA	1/4" ACR Wrought Copper Coupling	22.02	12.92
23 23 16 00-0061	EA	3/8" ACR Wrought Copper Coupling	21.54	12.92
23 23 16 00-0062	EA	1/2" ACR Wrought Copper Coupling	22.25	12.92
23 23 16 00-0063	EA	5/8" ACR Wrought Copper Coupling	22.74	13.51
23 23 16 00-0064	EA	3/4" ACR Wrought Copper Coupling	33.24	17.82
23 23 16 00-0065	EA	7/8" ACR Wrought Copper Coupling	32.31	18.30
23 23 16 00-0066	EA	1-1/8" ACR Wrought Copper Coupling	43.84	22.73
23 23 16 00-0067	EA	1-3/8" ACR Wrought Copper Coupling	63.85	31.10
23 23 16 00-0068	EA	1-5/8" ACR Wrought Copper Coupling	77.50	36.48
23 23 16 00-0069	EA	2-1/8" ACR Wrought Copper Coupling	104.29	44.25
23 23 16 00-0070	EA	2-5/8" ACR Wrought Copper Coupling	186.29	67.21
23 23 16 00-0071	EA	3-1/8" ACR Wrought Copper Coupling	249.12	88.39
23 23 16 00-0072	EA	4-1/8" ACR Wrought Copper Coupling	422.48	105.01
23 23 16 00-0073		**ACR Wrought Copper Short Radius 90 Degree Elbows** *(23 23 16 00-0058)* Note: C x C		
23 23 16 00-0074	EA	1/4" ACR Wrought Copper Short Radius 90 Degree Elbow	28.47	12.92
23 23 16 00-0075	EA	3/8" ACR Wrought Copper Short Radius 90 Degree Elbow	28.95	12.92
23 23 16 00-0076	EA	1/2" ACR Wrought Copper Short Radius 90 Degree Elbow	28.47	12.92
23 23 16 00-0077		**ACR Wrought Copper Long Radius 90 Degree Elbows** *(23 23 16 00-0058)* Note: C x C		
23 23 16 00-0078	EA	1/4" ACR Wrought Copper Long Radius 90 Degree Elbow	36.53	12.92
23 23 16 00-0079	EA	3/8" ACR Wrought Copper Long Radius 90 Degree Elbow	32.27	12.92
23 23 16 00-0080	EA	1/2" ACR Wrought Copper Long Radius 90 Degree Elbow	35.65	12.92
23 23 16 00-0081	EA	5/8" ACR Wrought Copper Long Radius 90 Degree Elbow	35.00	13.51
23 23 16 00-0082	EA	3/4" ACR Wrought Copper Long Radius 90 Degree Elbow	41.66	17.82
23 23 16 00-0083	EA	7/8" ACR Wrought Copper Long Radius 90 Degree Elbow	46.40	18.30
23 23 16 00-0084	EA	1-1/8" ACR Wrought Copper Long Radius 90 Degree Elbow	64.60	22.73

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 23 16 00-0085	EA	1-3/8" ACR Wrought Copper Long Radius 90 Degree Elbow	96.24	31.10
23 23 16 00-0086	EA	1-5/8" ACR Wrought Copper Long Radius 90 Degree Elbow	121.33	36.48
23 23 16 00-0087	EA	2-1/8" ACR Wrought Copper Long Radius 90 Degree Elbow	241.45	44.25
23 23 16 00-0088	EA	2-5/8" ACR Wrought Copper Long Radius 90 Degree Elbow	378.06	67.21
23 23 16 00-0089	EA	3-1/8" ACR Wrought Copper Long Radius 90 Degree Elbow	499.75	88.39
23 23 16 00-0090	EA	4-1/8" ACR Wrought Copper Long Radius 90 Degree Elbow	1,141.09	105.01
23 23 16 00-0091		ACR Wrought Copper 45 Degree Elbow *(23 23 16 00-0058)*		
		Note: C x C		
23 23 16 00-0092	EA	1/4" ACR Wrought Copper 45 Degree Elbow	42.39	12.92
23 23 16 00-0093	EA	3/8" ACR Wrought Copper 45 Degree Elbow	36.53	12.92
23 23 16 00-0094	EA	1/2" ACR Wrought Copper 45 Degree Elbow	34.03	12.92
23 23 16 00-0095	EA	5/8" ACR Wrought Copper 45 Degree Elbow	26.24	13.51
23 23 16 00-0096	EA	3/4" ACR Wrought Copper 45 Degree Elbow	52.64	17.82
23 23 16 00-0097	EA	7/8" ACR Wrought Copper 45 Degree Elbow	37.77	18.30
23 23 16 00-0098	EA	1-1/8" ACR Wrought Copper 45 Degree Elbow	60.07	22.73
23 23 16 00-0099	EA	1-3/8" ACR Wrought Copper 45 Degree Elbow	81.52	31.10
23 23 16 00-0100	EA	1-5/8" ACR Wrought Copper 45 Degree Elbow	96.76	36.48
23 23 16 00-0101	EA	2-1/8" ACR Wrought Copper 45 Degree Elbow	136.42	44.25
23 23 16 00-0102	EA	2-5/8" ACR Wrought Copper 45 Degree Elbow	250.20	67.21
23 23 16 00-0103	EA	3-1/8" ACR Wrought Copper 45 Degree Elbow	341.10	88.39
23 23 16 00-0104	EA	4-1/8" ACR Wrought Copper45 Degree Elbow	601.77	105.01
23 23 16 00-0105		ACR Wrought Copper Tee *(23 23 16 00-0058)*		
		Note: C x C x C		
23 23 16 00-0106	EA	1/4" ACR Wrought Copper Tee	50.60	21.52
23 23 16 00-0107	EA	3/8" ACR Wrought Copper Tee	51.63	21.52
23 23 16 00-0108	EA	1/2" ACR Wrought Copper Tee	47.81	21.52
23 23 16 00-0109	EA	5/8" ACR Wrought Copper Tee	46.11	27.15
23 23 16 00-0110	EA	3/4" ACR Wrought Copper Tee	76.10	27.15
23 23 16 00-0111	EA	7/8" ACR Wrought Copper Tee	54.53	27.51
23 23 16 00-0112	EA	1-1/8" ACR Wrought Copper Tee	95.84	36.48
23 23 16 00-0113	EA	1-3/8" ACR Wrought Copper Tee	121.87	44.25
23 23 16 00-0114	EA	1-5/8" ACR Wrought Copper Tee	164.40	52.51
23 23 16 00-0115	EA	2-1/8" ACR Wrought Copper Tee	238.58	69.97
23 23 16 00-0116	EA	2-5/8" ACR Wrought Copper Tee	498.61	152.73
23 23 16 00-0117	EA	3-1/8" ACR Wrought Copper Tee	638.73	167.92
23 23 16 00-0118	EA	4-1/8" ACR Wrought Copper Tee	1,216.21	186.58
23 23 16 00-0119		ACR Wrought Copper Male Adapter *(23 23 16 00-0058)*		
		Note: C x M		
23 23 16 00-0120	EA	1/4" ACR Wrought Copper Male Adapter	48.21	12.92
23 23 16 00-0121	EA	3/8" ACR Wrought Copper Male Adapter	57.57	12.92
23 23 16 00-0122	EA	1/2" ACR Wrought Copper Male Adapter	42.01	12.92
23 23 16 00-0123		ACR Wrought Copper Female Adapter *(23 23 16 00-0058)*		
		Note: C x F		
23 23 16 00-0124	EA	1/4" ACR Wrought Copper Female Adapter	44.53	12.92
23 23 16 00-0125	EA	3/8" ACR Wrought Copper Female Adapter	39.16	12.92
23 23 16 00-0126	EA	1/2" ACR Wrought Copper Female Adapter	41.19	12.92
23 23 16 00-0127		ACR Wrought Copper Cap *(23 23 16 00-0058)*		
		Note: C		
23 23 16 00-0128	EA	1/4" ACR Wrought Copper Cap	17.37	8.61
23 23 16 00-0129	EA	3/8" ACR Wrought Copper Cap	15.67	8.61
23 23 16 00-0130	EA	1/2" ACR Wrought Copper Cap	17.33	8.61
23 23 16 00-0131		ACR Wrought Copper P-Trap *(23 23 16 00-0058)*		
23 23 16 00-0132	EA	5/8" ACR Wrought Copper P-Trap	138.13	11.01
23 23 16 00-0133	EA	3/4" ACR Wrought Copper P-Trap	192.97	12.11
23 23 16 00-0134	EA	7/8" ACR Wrought Copper P-Trap	160.74	12.11
23 23 16 00-0135	EA	1-1/8" ACR Wrought Copper P-Trap	225.77	13.22
23 23 16 00-0136	EA	1-3/8" ACR Wrought Copper P-Trap	396.32	13.22
23 23 16 00-0137	EA	1-5/8" ACR Wrought Copper P-Trap	572.08	14.32
23 23 16 00-0138	EA	2-1/8" ACR Wrought Copper P-Trap	1,077.96	15.42
23 23 16 00-0139		Sight Glass With Moisture And Liquid Indicator, Solder Connection *(23 23 16)*		
23 23 16 00-0140	EA	1/4" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	61.63	16.53
23 23 16 00-0141	EA	3/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	74.84	19.83
23 23 16 00-0142	EA	1/2" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	90.46	24.23
23 23 16 00-0143	EA	5/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	99.36	27.54
23 23 16 00-0144	EA	7/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	134.24	35.25
23 23 16 00-0145	EA	1-1/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	155.04	42.96
23 23 16 00-0146	EA	1-3/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	240.65	50.67

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 23 16 00-0147	EA	1-5/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	296.13	69.40
23 23 16 00-0148	EA	2-1/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	363.41	85.91
23 23 16 00-0149		**Filter Driers, Solder Connections** *(23 23 16)*		
23 23 16 00-0150		**Replaceable Core Type Filter Driers, Solder Connections** *(23 23 16 00-0149)*		
23 23 16 00-0151	EA	5/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	560.84	9.92
23 23 16 00-0152	EA	7/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	562.98	12.11
23 23 16 00-0153	EA	1-1/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	718.98	12.11
23 23 16 00-0154	EA	1-3/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	715.15	13.22
23 23 16 00-0155	EA	1-5/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	795.84	14.32
23 23 16 00-0156	EA	2-1/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	894.03	15.42
23 23 16 00-0157	EA	2-5/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	1,044.28	16.53
23 23 16 00-0158	EA	3-1/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	1,303.69	16.53
23 23 16 00-0159		**Sealed In-Line Filter Driers, Solder Connections** *(23 23 16 00-0149)*		
23 23 16 00-0160	EA	1/4" Outside Diameter, 1/4 To 1 Ton, Sealed In-Line Filter Drier, Solder Connections	89.43	9.92
23 23 16 00-0161	EA	3/8" Outside Diameter, 1/2 To 2 Ton, Sealed In-Line Filter Drier, Solder Connections	114.26	9.92
23 23 16 00-0162	EA	1/2" Outside Diameter, 1 To 7 Ton, Sealed In-Line Filter Drier, Solder Connections	145.89	11.01
23 23 16 00-0163	EA	1/2" Outside Diameter, 2 To 7-1/2 Ton, Sealed In-Line Filter Drier, Solder Connections	169.02	11.01
23 23 16 00-0164	EA	5/8" Outside Diameter, 2 To 10 Ton, Sealed In-Line Filter Drier, Solder Connections	185.81	11.01
23 23 16 00-0165	EA	5/8" Outside Diameter, 4 To 8 Ton, Sealed In-Line Filter Drier, Solder Connections	215.04	11.01
23 23 16 00-0166	EA	7/8" Outside Diameter, 5 To 20 Ton, Sealed In-Line Filter Drier, Solder Connections	241.97	12.11
23 23 16 00-0167	EA	7/8" Outside Diameter, 7-1/2 To 20 Ton, Sealed In-Line Filter Drier, Solder Connections	357.84	12.11
23 23 16 00-0168	EA	1-1/8" Outside Diameter, 15 To 25 Ton, Sealed In-Line Filter Drier, Solder Connections	389.18	12.11
23 23 16 00-0169		**Bi-Flow Filter Driers, Solder Connections** *(23 23 16 00-0149)*		
23 23 16 00-0170	EA	1/4" Outside Diameter, 1 To 3-1/2 Ton, Bi-Flow Filter Drier, Solder Connections	125.71	9.92
23 23 16 00-0171	EA	3/8" Outside Diameter, 1 To 3-1/2 Ton, Bi-Flow Filter Drier, Solder Connections	140.08	9.92
23 23 16 00-0172	EA	1/2" Outside Diameter, 1 To 3-1/2 Ton, Bi-Flow Filter Drier, Solder Connections	167.02	11.01
23 23 16 00-0173	EA	3/8" Outside Diameter, 1 To 8 Ton, Bi-Flow Filter Drier, Solder Connections	150.32	9.92
23 23 16 00-0174	EA	1/2" Outside Diameter, 1 To 8 Ton, Bi-Flow Filter Drier, Solder Connections	188.14	11.01
23 23 16 00-0175	EA	5/8" Outside Diameter, 1 To 8 Ton, Bi-Flow Filter Drier, Solder Connections	218.67	11.01
23 23 16 00-0176		**Refrigerant Compressor Discharge Mufflers** *(23 23 16)*		
23 23 16 00-0177	EA	3/8" Outside Diameter, 2 Ton, Refrigerant Compressor Discharge Muffler	113.24	9.92
23 23 16 00-0178	EA	1/2" Outside Diameter, 3 Ton, Refrigerant Compressor Discharge Muffler	125.02	9.92
23 23 16 00-0179	EA	5/8" Outside Diameter, 5 Ton, Refrigerant Compressor Discharge Muffler	150.74	9.92
23 23 16 00-0180	EA	7/8" Outside Diameter, 7-1/2 To 10 Ton, Refrigerant Compressor Discharge Muffler	202.01	12.11
23 23 16 00-0181	EA	1-1/8" Outside Diameter, 10 To 15 Ton, Refrigerant Compressor Discharge Muffler	263.51	12.11
23 23 16 00-0182	EA	1-3/8" Outside Diameter, 15 To 25 Ton, Refrigerant Compressor Discharge Muffler	313.06	13.22
23 23 16 00-0183	EA	1-5/8" Outside Diameter, 25 To 50 Ton, Refrigerant Compressor Discharge Muffler	396.80	14.32
23 23 16 00-0184	EA	2-1/8" Outside Diameter, 50 To 75 Ton, Refrigerant Compressor Discharge Muffler	733.76	15.42
23 23 16 00-0185	EA	2-5/8" Outside Diameter, 75 To 100 Ton, Refrigerant Compressor Discharge Muffler	819.52	16.53
23 23 16 00-0186	EA	3-1/8" Outside Diameter, 100 To 125 Ton, Refrigerant Compressor Discharge Muffler	1,014.12	16.53
23 23 16 00-0187		**Expansion Valves And Vibration Absorbers** *(23 23 16)*		
23 23 16 00-0188		**Thermostatic Expansion Valves** *(23 23 16 00-0187)* Note: Outside diameter pipe sizes. Sporlan TP-S.		
23 23 16 00-0189	EA	3/8" In x 5/8" Out, 1/2 To 3 Ton, Thermostatic Expansion Valve	243.42	9.92
23 23 16 00-0190	EA	1/2" In x 7/8" Out, 4 To 5 Ton, Thermostatic Expansion Valve	339.02	11.01
23 23 16 00-0191	EA	5/8" In x 7/8" Out, 6 To 8 Ton, Thermostatic Expansion Valve	578.24	11.01
23 23 16 00-0192	EA	7/8" In x 1-1/8" Out, 7 To 12 Ton, Thermostatic Expansion Valve	685.38	12.11
23 23 16 00-0193	EA	7/8" In x 1-3/8" Out, 15 To 20 Ton, Thermostatic Expansion Valve	740.46	12.11
23 23 16 00-0194		**Electric Expansion Valves** *(23 23 16 00-0187)* Note: Sporlan SEI or SEH.		
23 23 16 00-0195	EA	1/2 To 11 Ton Electric Expansion Valve Note: Sporlan SEI.	600.86	13.76
23 23 16 00-0196	EA	25 Ton Electric Expansion Valve Note: Sporlan SEI.	696.40	14.32
23 23 16 00-0197	EA	50 Ton Electric Expansion Valve Note: Sporlan SEI.	792.49	14.87
23 23 16 00-0198	EA	100 Ton Electric Expansion Valve Note: Sporlan SEH.	930.08	14.87
23 23 16 00-0199	EA	175 Ton Electric Expansion Valve Note: Sporlan SEH.	1,047.68	15.42
23 23 16 00-0200		**Braided Stainless Steel Over Copper Vibration Absorber** *(23 23 16 00-0187)*		
23 23 16 00-0201	EA	1/4" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	64.56	14.32
23 23 16 00-0202	EA	3/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	64.83	16.53
23 23 16 00-0203	EA	1/2" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	84.08	20.93
23 23 16 00-0204	EA	5/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	90.51	25.33

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 23 16 00-0205	EA	3/4" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	106.55	30.84
23 23 16 00-0206	EA	7/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	123.36	35.25
23 23 16 00-0207	EA	1-1/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	175.14	13.22
23 23 16 00-0208	EA	1-3/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	247.33	14.32
23 23 16 00-0209	EA	1-5/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	310.00	14.32
23 23 16 00-0210	EA	2-1/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	425.06	15.42
23 23 16 00-0211	EA	2-5/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	725.93	16.53
23 23 16 00-0212	EA	3-1/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	951.72	16.53

23 23 16 00-0213 Accumulator, Refrigerant Suction Line *(23 23 16)*

23 23 16 00-0214	EA	3/4" Accumulator, Refrigeration Suction Line	205.25	50.12
23 23 16 00-0215	EA	7/8" Accumulator, Refrigeration Suction Line	278.08	68.84
23 23 16 00-0216	EA	1-1/8" Accumulator, Refrigeration Suction Line	330.52	91.76
23 23 16 00-0217	EA	1 3/8" Accumulator, Refrigeration Suction Line	467.88	110.15
23 23 16 00-0218	EA	1-5/8" Accumulator, Refrigeration Suction Line	646.44	137.69
23 23 16 00-0219	EA	2-1/8" Accumulator, Refrigeration Suction Line	985.96	183.62

23 23 16 00-0220 Special Chemicals/Component *(23 23 16)*

23 23 16 00-0221	GAL	Special Chemical, Inhibited Propylene Glycol, 100%	31.77	
23 23 16 00-0222	GAL	Removal And Storage For Reuse Of Inhibited Propylene Glycol	8.54	
23 23 16 00-0223	GAL	Special Chemical, Inhibited Ethylene Glycol, 100%	21.83	
23 23 16 00-0224	EA	Internal Coil/Refrigerant Piping Flush Note: Up to 10 ton AC system.	354.44	

23 23 16 00-0225 Pre-Insulated, Copper Refrigeration Line Sets *(23 23 16)*

23 23 16 00-0226	EA	5/16" Outside Diameter Liquid, And 5/8" Outside Diameter Suction, x 30' Length, Refrigerant Line Set With 1/2" Insulation	385.17	27.74
23 23 16 00-0227	EA	5/16" Outside Diameter Liquid, And 3/4" Outside Diameter Suction, x 30' Length, Refrigerant Line Set With 1/2" Insulation	409.50	27.74
23 23 16 00-0228	EA	3/8" Outside Diameter Liquid, And 5/8" Outside Diameter Suction, x 30' Length, Refrigerant Line Set With 1/2" Insulation	359.34	27.99
23 23 16 00-0229	EA	3/8" Outside Diameter Liquid, And 3/4" Outside Diameter Suction, x 30' Length, Refrigerant Line Set With 1/2" Insulation	432.77	28.17
23 23 16 00-0230	EA	3/8" Outside Diameter Liquid, And 7/8" Outside Diameter Suction, x 30' Length, Refrigerant Line Set With 1/2" Insulation	532.48	28.94
23 23 16 00-0231	EA	3/8" Outside Diameter Liquid, And 1-1/8" Outside Diameter Suction, x 30' Length, Refrigerant Line Set With 1/2" Insulation	632.60	30.86
23 23 16 00-0232	EA	1/2" Outside Diameter Liquid, And 3/4" Outside Diameter Suction, x 30' Length, Refrigerant Line Set With 1/2" Insulation	457.53	29.06
23 23 16 00-0233	EA	1/2" Outside Diameter Liquid, And 7/8" Outside Diameter Suction, x 30' Length, Refrigerant Line Set With 1/2" Insulation	590.98	30.98
23 23 16 00-0234	EA	1/2" Outside Diameter Liquid, And 1-1/8" Outside Diameter Suction, x 30' Length, Refrigerant Line Set With 1/2" Insulation	724.57	33.01

23 23 23 Refrigerants *(23 23)*

23 23 23 00-0001 Refrigerant *(23 23 23)*

23 23 23 00-0002	LB	R-123 Refrigerant	39.57	
23 23 23 00-0003	LB	R-134A Refrigerant	14.10	
23 23 23 00-0004	LB	R-404A Refrigerant	16.78	
23 23 23 00-0005	LB	R-407C Refrigerant	15.09	
23 23 23 00-0006	LB	R-408A Refrigerant	34.39	
23 23 23 00-0007	LB	R-410A Refrigerant	14.78	
23 23 23 00-0008	LB	R-500 Refrigerant	48.35	
23 23 23 00-0009	LB	R-507 Refrigerant	9.41	
23 23 23 00-0010	LB	R-32 Refrigerant	19.72	
23 23 23 00-0011	LB	R-452A Refrigerant	22.06	
23 23 23 00-0012	LB	R-453A Refrigerant	25.67	
23 23 23 00-0013	LB	R-454A Refrigerant	35.10	
23 23 23 00-0014	LB	R-454B Refrigerant	28.14	

23 25 HVAC Water Treatment *(23 20)*

23 25 13 Water Treatment for Closed-Loop Hydronic Systems *(23 25)*

23 25 13 00-0001 Polyethylene Chemical Storage Tanks *(23 25 13)*

23 25 13 00-0002	EA	15 Gallon Chemical Storage Tank, Polyethylene	460.35	91.97

23 25 13 00-0003 Gas Chlorinator *(23 25 13)*

23 25 13 00-0004	EA	Gas Chlorinator, Wall Or Cylinder Mounted (10 PPD) With Metering Tube And Rate Valve Metering Tube Supply Indicator, Rate Valve, And Diffuser-Ejector Unit	1,187.05	418.44
		For Booster Pump, Add	*467.42*	
23 25 13 00-0005	EA	Gas Chlorinator, Wall Or Cylinder Mounted (25 PPD) With Metering Tube And Rate Valve Metering Tube Supply Indicator, Rate Valve, And Diffuser-Ejector Unit	1,356.21	478.22
		For Booster Pump, Add	*534.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 25 13 00-0006	EA	Gas Chlorinator, Wall Or Cylinder Mounted (50 PPD) With Metering Tube And Rate Valve Metering Tube Supply Indicator, Rate Valve, And Diffuser-Ejector Unit	1,859.99	362.25
		For Booster Pump, Add	*651.67*	

23 25 13 00-0007 Bypass Shot Feeders *(23 25 13)*

Note: Includes up to 4 ports (in, out, fill and drain). Excludes valves.

23 25 13 00-0008 In Line Mount, 125 PSIG *(23 25 13 00-0007)*

23 25 13 00-0009	EA	1.7 Gallon Bypass Shot Chemical Feeder In Line Mount, 125 PSIG	1,090.36	311.72

23 25 13 00-0010 Floor Mount, 175 PSIG *(23 25 13 00-0007)*

23 25 13 00-0011	EA	5 Gallon Bypass Shot Chemical Feeder, Floor Mount, 175 PSIG	1,605.28	469.23
23 25 13 00-0012	EA	12 Gallon Bypass Shot Chemical Feeder, Floor Mount, 175 PSIG	2,117.00	621.24

23 25 13 00-0013 Floor Mount, 150 Lb. ASME Code *(23 25 13 00-0007)*

23 25 13 00-0014	EA	5 Gallon Bypass Shot Chemical Feeder, Floor Mount, 150 Lb. ASME Code	1,605.28	469.23
23 25 13 00-0015	EA	10 Gallon Bypass Shot Chemical Feeder, Floor Mount, 150 Lb. ASME Code	2,117.00	621.24

23 25 13 00-0016 Floor Mount, 300 Lb. ASME Code *(23 25 13 00-0007)*

23 25 13 00-0017	EA	5 Gallon Bypass Shot Chemical Feeder, Floor Mount, 300 Lb. ASME Code	1,989.99	469.23
23 25 13 00-0018	EA	10 Gallon Bypass Shot Chemical Feeder, Floor Mount, 300 Lb. ASME Code	2,516.47	621.24

23 30 HVAC Air Distribution *(23)*

23 31 HVAC Ducts and Casings *(23 30)*

Note: Excludes angle iron, threaded rod, anchor bolts or other external supporting devices other than normal sheet metal straps. See CSI section 05 12 23 00-0106 for angle iron, 23 05 29 00-0001 for threaded rod.

23 31 13 Metal Ducts *(23 31)*

23 31 13 13 Rectangular Metal Ducts *(23 31 13)*

23 31 13 13-0001 Steel Sheet Metal Duct *(23 31 13 13)*

Note: Includes all fittings, transitions, collars, straps, support straps, fabrication, installation and sealing the joints by tape, mastic, or spray on sealer. Duct Sealing: Class-C requires sealing transverse joints; Class-B requires sealing all transverse joint and longitudinal seams; Class-A requires sealing all transverse joints longitudinal seams and duct wall penetrations.

23 31 13 13-0002 Galvanized Steel Sheet Metal Ductwork And Sealant *(23 31 13 13-0001)*

Note: SMACNA weight for galvanized steel ductwork LB/SF (surface areas) by gauge: 26 gauge - 0.906 LB/SF; 24 gauge - 1.156 LB/SF; 22 gauge - 1.406 LB/SF; 20 gauge - 1.656 LB/SF; 18 gauge - 2.156 LB/SF; 16 gauge - 2.656 LB/SF

23 31 13 13-0003	LB	Seal Class C, Rectangular Or Square, Galvanized Steel Sheet Metal Ductwork	13.18	3.47
		For Polyvinyl Chloride (PVC) Coated, Add	*0.50*	
		For Up To 200, Add	*4.70*	
		For >200 To 500, Add	*3.00*	
		For >500 To 1,000, Add	*2.02*	
		For >1,000 To 2,000, Add	*1.13*	
		For >2,000 To 5,000, Add	*0.50*	
		For Work In Restricted Working Space, Add	*3.20*	
		For Elevated Installation >10' To 15', Add	*0.64*	
		For Elevated Installation >15' To 20', Add	*1.28*	
		For Elevated Installation >20' To 25', Add	*1.60*	
		For Elevated Installation >25' To 30', Add	*2.24*	
		For Elevated Installation >30' To 35', Add	*2.56*	
		For Elevated Installation >35' To 40', Add	*3.20*	
		For Elevated Installation >40', Add	*3.52*	
23 31 13 13-0004	LB	Seal Class B, Rectangular Or Square, Galvanized Steel Sheet Metal Ductwork	15.03	3.47
		For Polyvinyl Chloride (PVC) Coated, Add	*0.55*	
		For Up To 200, Add	*5.33*	
		For >200 To 500, Add	*3.39*	
		For >500 To 1,000, Add	*2.30*	
		For >1,000 To 2,000, Add	*1.28*	
		For >2,000 To 5,000, Add	*0.57*	
		For Work In Restricted Working Space, Add	*3.68*	
		For Elevated Installation >10' To 15', Add	*0.74*	
		For Elevated Installation >15' To 20', Add	*1.47*	
		For Elevated Installation >20' To 25', Add	*1.84*	
		For Elevated Installation >25' To 30', Add	*2.58*	
		For Elevated Installation >30' To 35', Add	*2.95*	
		For Elevated Installation >35' To 40', Add	*3.68*	
		For Elevated Installation >40', Add	*4.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0005	LB	Seal Class A, Rectangular Or Square, Galvanized Steel Sheet Metal Ductwork	17.94	3.47
		For Polyvinyl Chloride (PVC) Coated, Add	*0.60*	
		For Up To 200, Add	*6.28*	
		For >200 To 500, Add	*3.98*	
		For >500 To 1,000, Add	*2.72*	
		For >1,000 To 2,000, Add	*1.52*	
		For >2,000 To 5,000, Add	*0.69*	
		For Work In Restricted Working Space, Add	*4.49*	
		For Elevated Installation >10' To 15', Add	*0.90*	
		For Elevated Installation >15' To 20', Add	*1.79*	
		For Elevated Installation >20' To 25', Add	*2.24*	
		For Elevated Installation >25' To 30', Add	*3.14*	
		For Elevated Installation >30' To 35', Add	*3.59*	
		For Elevated Installation >35' To 40', Add	*4.49*	
		For Elevated Installation >40', Add	*4.93*	
23 31 13 13-0006		Alloy 3003-H14, Aluminum Sheet Metal Ductwork *(23 31 13 13-0001)*		
		Note: SMACNA weight for aluminum ductwork LB/SF (surface areas) by gauge: 26 gauge - 0.224 LB/SF; 24 gauge - 0.282 LB/SF; 22 gauge - 0.352 LB/SF; 20 gauge - 0.451 LB/SF; 18 gauge - 0.563 LB/SF; 16 gauge - 0.718 LB/SF; 14 gauge – 0.901 LB/SF; 12 gauge – 0.141 LB/SF		
23 31 13 13-0007	LB	Seal Class C, Alloy 3003-H14, Aluminum Sheet Metal Ductwork	25.72	3.47
		For Work In Restricted Working Space, Add	*6.33*	
		For Up To 200, Add	*9.10*	
		For >200 To 500, Add	*5.78*	
		For >500 To 1,000, Add	*3.92*	
		For >1,000 To 2,000, Add	*2.20*	
		For >2,000 To 5,000, Add	*0.98*	
		For Elevated Installation >10' To 15', Add	*1.27*	
		For Elevated Installation >15' To 20', Add	*2.53*	
		For Elevated Installation >20' To 25', Add	*3.17*	
		For Elevated Installation >25' To 30', Add	*4.43*	
		For Elevated Installation >30' To 35', Add	*5.07*	
		For Elevated Installation >35' To 40', Add	*6.33*	
		For Elevated Installation >40', Add	*6.97*	
23 31 13 13-0008	LB	Seal Class B, Alloy 3003-H14, Aluminum Sheet Metal Ductwork	29.13	3.47
		For Work In Restricted Working Space, Add	*7.28*	
		For Up To 200, Add	*10.20*	
		For >200 To 500, Add	*6.46*	
		For >500 To 1,000, Add	*4.42*	
		For >1,000 To 2,000, Add	*2.48*	
		For >2,000 To 5,000, Add	*1.12*	
		For Elevated Installation >10' To 15', Add	*1.46*	
		For Elevated Installation >15' To 20', Add	*2.91*	
		For Elevated Installation >20' To 25', Add	*3.64*	
		For Elevated Installation >25' To 30', Add	*5.10*	
		For Elevated Installation >30' To 35', Add	*5.82*	
		For Elevated Installation >35' To 40', Add	*7.28*	
		For Elevated Installation >40', Add	*8.01*	
23 31 13 13-0009	LB	Seal Class A, Alloy 3003-H14, Aluminum Sheet Metal Ductwork	34.66	3.47
		For Work In Restricted Working Space, Add	*8.87*	
		For Up To 200, Add	*11.93*	
		For >200 To 500, Add	*7.52*	
		For >500 To 1,000, Add	*5.21*	
		For >1,000 To 2,000, Add	*2.93*	
		For >2,000 To 5,000, Add	*1.34*	
		For Elevated Installation >10' To 15', Add	*1.77*	
		For Elevated Installation >15' To 20', Add	*3.55*	
		For Elevated Installation >20' To 25', Add	*4.43*	
		For Elevated Installation >25' To 30', Add	*6.21*	
		For Elevated Installation >30' To 35', Add	*7.09*	
		For Elevated Installation >35' To 40', Add	*8.87*	
		For Elevated Installation >40', Add	*9.75*	
23 31 13 13-0010		Type 304, Stainless Steel Sheet Metal Ductwork *(23 31 13 13-0001)*		
		Note: SMACNA weight for stainless steel ductwork LB/SF (surface areas) by gauge: 26 gauge - 0.748 LB/SF; 24 gauge - 0.987 LB/SF; 22 gauge – 1.231 LB/SF; 20 gauge - 1.491 LB/SF; 18 gauge - 2.016 LB/SF; 16 gauge - 2.499 LB/SF; 14 gauge – 3.154 LB/SF; 12 gauge – 4.427 LB/SF		
23 31 13 13-0011	LB	Seal Class C, Type 304, Stainless Steel Sheet Metal Ductwork	19.17	4.62
		For Work In Restricted Working Space, Add	*3.89*	
		For Welded Seams, Add	*6.80*	
		For Up To 200, Add	*7.61*	
		For >200 To 500, Add	*5.00*	
		For >500 To 1,000, Add	*3.12*	
		For >1,000 To 2,000, Add	*1.72*	
		For >2,000 To 5,000, Add	*0.70*	
		For Elevated Installation >10' To 15', Add	*0.78*	
		For Elevated Installation >15' To 20', Add	*1.56*	
		For Elevated Installation >20' To 25', Add	*1.95*	
		For Elevated Installation >25' To 30', Add	*2.72*	
		For Elevated Installation >30' To 35', Add	*3.11*	
		For Elevated Installation >35' To 40', Add	*3.89*	
		For Elevated Installation >40', Add	*4.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0012	LB	Seal Class B, Type 304, Stainless Steel Sheet Metal Ductwork	22.10	4.62
		For Work In Restricted Working Space, Add	*4.70*	
		For Welded Seams, Add	*8.15*	
		For Up To 200, Add	*8.57*	
		For >200 To 500, Add	*5.59*	
		For >500 To 1,000, Add	*3.55*	
		For >1,000 To 2,000, Add	*1.96*	
		For >2,000 To 5,000, Add	*0.82*	
		For Elevated Installation >10' To 15', Add	*0.94*	
		For Elevated Installation >15' To 20', Add	*1.88*	
		For Elevated Installation >20' To 25', Add	*2.35*	
		For Elevated Installation >25' To 30', Add	*3.29*	
		For Elevated Installation >30' To 35', Add	*3.76*	
		For Elevated Installation >35' To 40', Add	*4.70*	
		For Elevated Installation >40', Add	*5.16*	
23 31 13 13-0013	LB	Seal Class A, Type 304, Stainless Steel Sheet Metal Ductwork	24.85	4.62
		For Work In Restricted Working Space, Add	*5.45*	
		For Welded Seams, Add	*9.41*	
		For Up To 200, Add	*9.47*	
		For >200 To 500, Add	*6.15*	
		For >500 To 1,000, Add	*3.95*	
		For >1,000 To 2,000, Add	*2.19*	
		For >2,000 To 5,000, Add	*0.93*	
		For Elevated Installation >10' To 15', Add	*1.09*	
		For Elevated Installation >15' To 20', Add	*2.18*	
		For Elevated Installation >20' To 25', Add	*2.72*	
		For Elevated Installation >25' To 30', Add	*3.81*	
		For Elevated Installation >30' To 35', Add	*4.36*	
		For Elevated Installation >35' To 40', Add	*5.45*	
		For Elevated Installation >40', Add	*5.99*	

23 31 13 13-0014 Galvanized Steel Sheet Metal Ductwork By LF *(23 31 13 13-0001)*

Note: Ductwork includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed. For fittings add the following equivalent lengths: 0.75' for duct end cap; 1.5' for tap-in; 2.5' for 45-degree elbows; 3' for 90-degree elbows, transition, taper, register box; 4' for 45-degree reducing elbow, offset, turning vanes installed in elbows; 5' for 90-degree reducing elbow, 135-degree angle gooseneck, boots; and 6' for transition/reducer.

23 31 13 13-0015 30 Gauge Galvanized Steel Metal Ductwork *(23 31 13 13-0014)*

Note: Seal Class C

23 31 13 13-0016	LF	4" x 4", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	14.05	7.13
		For Seal Class B, Add	*1.79*	
		For Seal Class A, Add	*3.81*	
		For Work In Restricted Working Space, Add	*3.57*	
23 31 13 13-0017	LF	4" x 6", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	17.53	8.92
		For Seal Class B, Add	*2.23*	
		For Seal Class A, Add	*4.76*	
		For Work In Restricted Working Space, Add	*4.46*	
23 31 13 13-0018	LF	4" x 8", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	21.05	10.70
		For Seal Class B, Add	*2.67*	
		For Seal Class A, Add	*5.71*	
		For Work In Restricted Working Space, Add	*5.35*	
23 31 13 13-0019	LF	4" x 10", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	24.55	12.48
		For Seal Class B, Add	*3.12*	
		For Seal Class A, Add	*6.66*	
		For Work In Restricted Working Space, Add	*6.24*	
23 31 13 13-0020	LF	4" x 12", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	28.08	14.27
		For Seal Class B, Add	*3.57*	
		For Seal Class A, Add	*7.61*	
		For Work In Restricted Working Space, Add	*7.13*	
23 31 13 13-0021	LF	4" x 14", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	31.57	16.06
		For Seal Class B, Add	*4.01*	
		For Seal Class A, Add	*8.56*	
		For Work In Restricted Working Space, Add	*8.03*	
23 31 13 13-0022	LF	4" x 16", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	35.08	17.83
		For Seal Class B, Add	*4.46*	
		For Seal Class A, Add	*9.51*	
		For Work In Restricted Working Space, Add	*8.92*	
23 31 13 13-0023	LF	6" x 6", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	21.05	10.70
		For Seal Class B, Add	*2.67*	
		For Seal Class A, Add	*5.71*	
		For Work In Restricted Working Space, Add	*5.35*	
23 31 13 13-0024	LF	6" x 8", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	24.55	12.48
		For Seal Class B, Add	*3.12*	
		For Seal Class A, Add	*6.66*	
		For Work In Restricted Working Space, Add	*6.24*	
23 31 13 13-0025	LF	6" x 10", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	28.08	14.27
		For Seal Class B, Add	*3.57*	
		For Seal Class A, Add	*7.61*	
		For Work In Restricted Working Space, Add	*7.13*	
23 31 13 13-0026	LF	6" x 12", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	31.57	16.06
		For Seal Class B, Add	*4.01*	
		For Seal Class A, Add	*8.56*	
		For Work In Restricted Working Space, Add	*8.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0027	LF	6" x 14", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	35.08	17.83
		For Seal Class B, Add	*4.46*	
		For Seal Class A, Add	*9.51*	
		For Work In Restricted Working Space, Add	*8.92*	
23 31 13 13-0028	LF	6" x 16", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	38.60	19.62
		For Seal Class B, Add	*4.91*	
		For Seal Class A, Add	*10.46*	
		For Work In Restricted Working Space, Add	*9.81*	
23 31 13 13-0029	LF	8" x 8", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	28.08	14.27
		For Seal Class B, Add	*3.57*	
		For Seal Class A, Add	*7.61*	
		For Work In Restricted Working Space, Add	*7.13*	
23 31 13 13-0030	LF	8" x 10", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	31.57	16.06
		For Seal Class B, Add	*4.01*	
		For Seal Class A, Add	*8.56*	
		For Work In Restricted Working Space, Add	*8.03*	
23 31 13 13-0031	LF	8" x 12", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	35.08	17.83
		For Seal Class B, Add	*4.46*	
		For Seal Class A, Add	*9.51*	
		For Work In Restricted Working Space, Add	*8.92*	
23 31 13 13-0032	LF	8" x 14", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	38.60	19.62
		For Seal Class B, Add	*4.91*	
		For Seal Class A, Add	*10.46*	
		For Work In Restricted Working Space, Add	*9.81*	
23 31 13 13-0033	LF	8" x 16", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	42.09	21.40
		For Seal Class B, Add	*5.35*	
		For Seal Class A, Add	*11.41*	
		For Work In Restricted Working Space, Add	*10.70*	
23 31 13 13-0034	LF	8" x 18", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	45.61	23.18
		For Seal Class B, Add	*5.80*	
		For Seal Class A, Add	*12.36*	
		For Work In Restricted Working Space, Add	*11.59*	
23 31 13 13-0035	LF	8" x 20", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	49.10	24.97
		For Seal Class B, Add	*6.24*	
		For Seal Class A, Add	*13.32*	
		For Work In Restricted Working Space, Add	*12.48*	
23 31 13 13-0036	LF	8" x 22", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	52.62	26.75
		For Seal Class B, Add	*6.69*	
		For Seal Class A, Add	*14.27*	
		For Work In Restricted Working Space, Add	*13.37*	
23 31 13 13-0037	LF	8" x 24", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	56.12	28.54
		For Seal Class B, Add	*7.13*	
		For Seal Class A, Add	*15.22*	
		For Work In Restricted Working Space, Add	*14.27*	
23 31 13 13-0038	LF	10" x 10", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	35.08	17.83
		For Seal Class B, Add	*4.46*	
		For Seal Class A, Add	*9.51*	
		For Work In Restricted Working Space, Add	*8.92*	
23 31 13 13-0039	LF	10" x 12", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	38.60	19.62
		For Seal Class B, Add	*4.91*	
		For Seal Class A, Add	*10.46*	
		For Work In Restricted Working Space, Add	*9.81*	
23 31 13 13-0040	LF	10" x 14", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	42.09	21.40
		For Seal Class B, Add	*5.35*	
		For Seal Class A, Add	*11.41*	
		For Work In Restricted Working Space, Add	*10.70*	
23 31 13 13-0041	LF	10" x 16", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	45.61	23.18
		For Seal Class B, Add	*5.80*	
		For Seal Class A, Add	*12.36*	
		For Work In Restricted Working Space, Add	*11.59*	
23 31 13 13-0042	LF	10" x 18", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	49.10	24.97
		For Seal Class B, Add	*6.24*	
		For Seal Class A, Add	*13.32*	
		For Work In Restricted Working Space, Add	*12.48*	
23 31 13 13-0043	LF	10" x 20", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	52.62	26.75
		For Seal Class B, Add	*6.69*	
		For Seal Class A, Add	*14.27*	
		For Work In Restricted Working Space, Add	*13.37*	
23 31 13 13-0044	LF	10" x 22", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	56.12	28.54
		For Seal Class B, Add	*7.13*	
		For Seal Class A, Add	*15.22*	
		For Work In Restricted Working Space, Add	*14.27*	
23 31 13 13-0045	LF	10" x 24", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	59.65	30.31
		For Seal Class B, Add	*7.58*	
		For Seal Class A, Add	*16.17*	
		For Work In Restricted Working Space, Add	*15.16*	
23 31 13 13-0046	LF	12" x 12", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	42.09	21.40
		For Seal Class B, Add	*5.35*	
		For Seal Class A, Add	*11.41*	
		For Work In Restricted Working Space, Add	*10.70*	
23 31 13 13-0047	LF	12" x 14", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	45.61	23.18
		For Seal Class B, Add	*5.80*	
		For Seal Class A, Add	*12.36*	
		For Work In Restricted Working Space, Add	*11.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0048	LF	12" x 16", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	49.10	24.97
		For Seal Class B, Add	*6.24*	
		For Seal Class A, Add	*13.32*	
		For Work In Restricted Working Space, Add	*12.48*	
23 31 13 13-0049	LF	12" x 18", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	52.62	26.75
		For Seal Class B, Add	*6.69*	
		For Seal Class A, Add	*14.27*	
		For Work In Restricted Working Space, Add	*13.37*	
23 31 13 13-0050	LF	12" x 20", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	56.12	28.54
		For Seal Class B, Add	*7.13*	
		For Seal Class A, Add	*15.22*	
		For Work In Restricted Working Space, Add	*14.27*	
23 31 13 13-0051	LF	12" x 22", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	59.65	30.31
		For Seal Class B, Add	*7.58*	
		For Seal Class A, Add	*16.17*	
		For Work In Restricted Working Space, Add	*15.16*	
23 31 13 13-0052	LF	12" x 24", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	63.15	32.10
		For Seal Class B, Add	*8.03*	
		For Seal Class A, Add	*17.12*	
		For Work In Restricted Working Space, Add	*16.05*	
23 31 13 13-0053	LF	14" x 14", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	49.10	24.97
		For Seal Class B, Add	*6.24*	
		For Seal Class A, Add	*13.32*	
		For Work In Restricted Working Space, Add	*12.48*	
23 31 13 13-0054	LF	14" x 16", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	52.62	26.75
		For Seal Class B, Add	*6.69*	
		For Seal Class A, Add	*14.27*	
		For Work In Restricted Working Space, Add	*13.37*	
23 31 13 13-0055	LF	14" x 18", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	56.12	28.54
		For Seal Class B, Add	*7.13*	
		For Seal Class A, Add	*15.22*	
		For Work In Restricted Working Space, Add	*14.27*	
23 31 13 13-0056	LF	14" x 20", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	59.65	30.31
		For Seal Class B, Add	*7.58*	
		For Seal Class A, Add	*16.17*	
		For Work In Restricted Working Space, Add	*15.16*	
23 31 13 13-0057	LF	14" x 22", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	63.15	32.10
		For Seal Class B, Add	*8.03*	
		For Seal Class A, Add	*17.12*	
		For Work In Restricted Working Space, Add	*16.05*	
23 31 13 13-0058	LF	14" x 24", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	66.67	33.89
		For Seal Class B, Add	*8.47*	
		For Seal Class A, Add	*18.07*	
		For Work In Restricted Working Space, Add	*16.94*	
23 31 13 13-0059	LF	16" x 16", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	56.12	28.54
		For Seal Class B, Add	*7.13*	
		For Seal Class A, Add	*15.22*	
		For Work In Restricted Working Space, Add	*14.27*	
23 31 13 13-0060	LF	16" x 18", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	59.65	30.31
		For Seal Class B, Add	*7.58*	
		For Seal Class A, Add	*16.17*	
		For Work In Restricted Working Space, Add	*15.16*	
23 31 13 13-0061	LF	16" x 20", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	63.15	32.10
		For Seal Class B, Add	*8.03*	
		For Seal Class A, Add	*17.12*	
		For Work In Restricted Working Space, Add	*16.05*	
23 31 13 13-0062	LF	16" x 22", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	66.67	33.89
		For Seal Class B, Add	*8.47*	
		For Seal Class A, Add	*18.07*	
		For Work In Restricted Working Space, Add	*16.94*	
23 31 13 13-0063	LF	16" x 24", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	70.16	35.67
		For Seal Class B, Add	*8.92*	
		For Seal Class A, Add	*19.02*	
		For Work In Restricted Working Space, Add	*17.83*	
23 31 13 13-0064	LF	18" x 18", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	63.15	32.10
		For Seal Class B, Add	*8.03*	
		For Seal Class A, Add	*17.12*	
		For Work In Restricted Working Space, Add	*16.05*	
23 31 13 13-0065	LF	18" x 20", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	66.67	33.89
		For Seal Class B, Add	*8.47*	
		For Seal Class A, Add	*18.07*	
		For Work In Restricted Working Space, Add	*16.94*	
23 31 13 13-0066	LF	18" x 22", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	70.16	35.67
		For Seal Class B, Add	*8.92*	
		For Seal Class A, Add	*19.02*	
		For Work In Restricted Working Space, Add	*17.83*	
23 31 13 13-0067	LF	18" x 24", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	73.65	37.45
		For Seal Class B, Add	*9.36*	
		For Seal Class A, Add	*19.97*	
		For Work In Restricted Working Space, Add	*18.72*	
23 31 13 13-0068	LF	20" x 20", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	70.16	35.67
		For Seal Class B, Add	*8.92*	
		For Seal Class A, Add	*19.02*	
		For Work In Restricted Working Space, Add	*17.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0069	LF	20" x 22", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	73.65	37.45
		For Seal Class B, Add	*9.36*	
		For Seal Class A, Add	*19.97*	
		For Work In Restricted Working Space, Add	*18.72*	
23 31 13 13-0070	LF	20" x 24", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	77.17	39.23
		For Seal Class B, Add	*9.81*	
		For Seal Class A, Add	*20.92*	
		For Work In Restricted Working Space, Add	*19.61*	
23 31 13 13-0071	LF	22" x 22", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	77.17	39.23
		For Seal Class B, Add	*9.81*	
		For Seal Class A, Add	*20.92*	
		For Work In Restricted Working Space, Add	*19.61*	
23 31 13 13-0072	LF	22" x 24", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	80.68	41.02
		For Seal Class B, Add	*10.25*	
		For Seal Class A, Add	*21.88*	
		For Work In Restricted Working Space, Add	*20.51*	
23 31 13 13-0073	LF	24" x 24", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	84.21	42.80
		For Seal Class B, Add	*10.70*	
		For Seal Class A, Add	*22.83*	
		For Work In Restricted Working Space, Add	*21.40*	

23 31 13 13-0074 28 Gauge Galvanized Steel Metal Ductwork *(23 31 13 13-0014)*

Note: Seal Class C

23 31 13 13-0075	LF	4" x 4", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	16.69	8.49
		For Seal Class B, Add	*2.12*	
		For Seal Class A, Add	*4.53*	
		For Work In Restricted Working Space, Add	*4.25*	
23 31 13 13-0076	LF	4" x 6", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	20.89	10.61
		For Seal Class B, Add	*2.65*	
		For Seal Class A, Add	*5.66*	
		For Work In Restricted Working Space, Add	*5.31*	
23 31 13 13-0077	LF	4" x 8", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	25.07	12.73
		For Seal Class B, Add	*3.19*	
		For Seal Class A, Add	*6.80*	
		For Work In Restricted Working Space, Add	*6.37*	
23 31 13 13-0078	LF	4" x 10", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	29.22	14.86
		For Seal Class B, Add	*3.72*	
		For Seal Class A, Add	*7.93*	
		For Work In Restricted Working Space, Add	*7.43*	
23 31 13 13-0079	LF	4" x 12", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	33.42	17.00
		For Seal Class B, Add	*4.25*	
		For Seal Class A, Add	*9.06*	
		For Work In Restricted Working Space, Add	*8.49*	
23 31 13 13-0080	LF	4" x 14", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	37.59	19.10
		For Seal Class B, Add	*4.78*	
		For Seal Class A, Add	*10.19*	
		For Work In Restricted Working Space, Add	*9.56*	
23 31 13 13-0081	LF	4" x 16", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	41.76	21.24
		For Seal Class B, Add	*5.31*	
		For Seal Class A, Add	*11.32*	
		For Work In Restricted Working Space, Add	*10.62*	
23 31 13 13-0082	LF	6" x 6", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	25.07	12.73
		For Seal Class B, Add	*3.19*	
		For Seal Class A, Add	*6.80*	
		For Work In Restricted Working Space, Add	*6.37*	
23 31 13 13-0083	LF	6" x 8", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	29.22	14.86
		For Seal Class B, Add	*3.72*	
		For Seal Class A, Add	*7.93*	
		For Work In Restricted Working Space, Add	*7.43*	
23 31 13 13-0084	LF	6" x 10", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	33.42	17.00
		For Seal Class B, Add	*4.25*	
		For Seal Class A, Add	*9.06*	
		For Work In Restricted Working Space, Add	*8.49*	
23 31 13 13-0085	LF	6" x 12", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	37.59	19.10
		For Seal Class B, Add	*4.78*	
		For Seal Class A, Add	*10.19*	
		For Work In Restricted Working Space, Add	*9.56*	
23 31 13 13-0086	LF	6" x 14", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	41.76	21.24
		For Seal Class B, Add	*5.31*	
		For Seal Class A, Add	*11.32*	
		For Work In Restricted Working Space, Add	*10.62*	
23 31 13 13-0087	LF	6" x 16", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	45.95	23.36
		For Seal Class B, Add	*5.84*	
		For Seal Class A, Add	*12.46*	
		For Work In Restricted Working Space, Add	*11.68*	
23 31 13 13-0088	LF	8" x 8", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	33.42	17.00
		For Seal Class B, Add	*4.25*	
		For Seal Class A, Add	*9.06*	
		For Work In Restricted Working Space, Add	*8.49*	
23 31 13 13-0089	LF	8" x 10", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	37.59	19.10
		For Seal Class B, Add	*4.78*	
		For Seal Class A, Add	*10.19*	
		For Work In Restricted Working Space, Add	*9.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0090	LF	8" x 12", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	41.76	21.24
		For Seal Class B, Add	*5.31*	
		For Seal Class A, Add	*11.32*	
		For Work In Restricted Working Space, Add	*10.62*	
23 31 13 13-0091	LF	8" x 14", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	45.95	23.36
		For Seal Class B, Add	*5.84*	
		For Seal Class A, Add	*12.46*	
		For Work In Restricted Working Space, Add	*11.68*	
23 31 13 13-0092	LF	8" x 16", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	50.11	25.48
		For Seal Class B, Add	*6.37*	
		For Seal Class A, Add	*13.59*	
		For Work In Restricted Working Space, Add	*12.74*	
23 31 13 13-0093	LF	8" x 18", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	54.28	27.60
		For Seal Class B, Add	*6.90*	
		For Seal Class A, Add	*14.72*	
		For Work In Restricted Working Space, Add	*13.80*	
23 31 13 13-0094	LF	8" x 20", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	58.48	29.73
		For Seal Class B, Add	*7.43*	
		For Seal Class A, Add	*15.85*	
		For Work In Restricted Working Space, Add	*14.86*	
23 31 13 13-0095	LF	8" x 22", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	62.63	31.85
		For Seal Class B, Add	*7.96*	
		For Seal Class A, Add	*16.98*	
		For Work In Restricted Working Space, Add	*15.92*	
23 31 13 13-0096	LF	8" x 24", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	66.83	33.97
		For Seal Class B, Add	*8.49*	
		For Seal Class A, Add	*18.12*	
		For Work In Restricted Working Space, Add	*16.98*	
23 31 13 13-0097	LF	10" x 10", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	41.76	21.24
		For Seal Class B, Add	*5.31*	
		For Seal Class A, Add	*11.32*	
		For Work In Restricted Working Space, Add	*10.62*	
23 31 13 13-0098	LF	10" x 12", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	45.95	23.36
		For Seal Class B, Add	*5.84*	
		For Seal Class A, Add	*12.46*	
		For Work In Restricted Working Space, Add	*11.68*	
23 31 13 13-0099	LF	10" x 14", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	50.11	25.48
		For Seal Class B, Add	*6.37*	
		For Seal Class A, Add	*13.59*	
		For Work In Restricted Working Space, Add	*12.74*	
23 31 13 13-0100	LF	10" x 16", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	54.28	27.60
		For Seal Class B, Add	*6.90*	
		For Seal Class A, Add	*14.72*	
		For Work In Restricted Working Space, Add	*13.80*	
23 31 13 13-0101	LF	10" x 18", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	58.48	29.73
		For Seal Class B, Add	*7.43*	
		For Seal Class A, Add	*15.85*	
		For Work In Restricted Working Space, Add	*14.86*	
23 31 13 13-0102	LF	10" x 20", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	62.63	31.85
		For Seal Class B, Add	*7.96*	
		For Seal Class A, Add	*16.98*	
		For Work In Restricted Working Space, Add	*15.92*	
23 31 13 13-0103	LF	10" x 22", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	66.83	33.97
		For Seal Class B, Add	*8.49*	
		For Seal Class A, Add	*18.12*	
		For Work In Restricted Working Space, Add	*16.98*	
23 31 13 13-0104	LF	10" x 24", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	71.02	36.10
		For Seal Class B, Add	*9.03*	
		For Seal Class A, Add	*19.25*	
		For Work In Restricted Working Space, Add	*18.05*	
23 31 13 13-0105	LF	12" x 12", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	50.11	25.48
		For Seal Class B, Add	*6.37*	
		For Seal Class A, Add	*13.59*	
		For Work In Restricted Working Space, Add	*12.74*	
23 31 13 13-0106	LF	12" x 14", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	54.28	27.60
		For Seal Class B, Add	*6.90*	
		For Seal Class A, Add	*14.72*	
		For Work In Restricted Working Space, Add	*13.80*	
23 31 13 13-0107	LF	12" x 16", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	58.48	29.73
		For Seal Class B, Add	*7.43*	
		For Seal Class A, Add	*15.85*	
		For Work In Restricted Working Space, Add	*14.86*	
23 31 13 13-0108	LF	12" x 18", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	62.63	31.85
		For Seal Class B, Add	*7.96*	
		For Seal Class A, Add	*16.98*	
		For Work In Restricted Working Space, Add	*15.92*	
23 31 13 13-0109	LF	12" x 20", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	66.83	33.97
		For Seal Class B, Add	*8.49*	
		For Seal Class A, Add	*18.12*	
		For Work In Restricted Working Space, Add	*16.98*	
23 31 13 13-0110	LF	12" x 22", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	71.02	36.10
		For Seal Class B, Add	*9.03*	
		For Seal Class A, Add	*19.25*	
		For Work In Restricted Working Space, Add	*18.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0111	LF	12" x 24", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	75.18	38.21
		For Seal Class B, Add	*9.56*	
		For Seal Class A, Add	*20.38*	
		For Work In Restricted Working Space, Add	*19.11*	
23 31 13 13-0112	LF	14" x 14", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	58.48	29.73
		For Seal Class B, Add	*7.43*	
		For Seal Class A, Add	*15.85*	
		For Work In Restricted Working Space, Add	*14.86*	
23 31 13 13-0113	LF	14" x 16", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	62.63	31.85
		For Seal Class B, Add	*7.96*	
		For Seal Class A, Add	*16.98*	
		For Work In Restricted Working Space, Add	*15.92*	
23 31 13 13-0114	LF	14" x 18", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	66.83	33.97
		For Seal Class B, Add	*8.49*	
		For Seal Class A, Add	*18.12*	
		For Work In Restricted Working Space, Add	*16.98*	
23 31 13 13-0115	LF	14" x 20", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	71.02	36.10
		For Seal Class B, Add	*9.03*	
		For Seal Class A, Add	*19.25*	
		For Work In Restricted Working Space, Add	*18.05*	
23 31 13 13-0116	LF	14" x 22", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	75.18	38.21
		For Seal Class B, Add	*9.56*	
		For Seal Class A, Add	*20.38*	
		For Work In Restricted Working Space, Add	*19.11*	
23 31 13 13-0117	LF	14" x 24", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	79.37	40.34
		For Seal Class B, Add	*10.09*	
		For Seal Class A, Add	*21.52*	
		For Work In Restricted Working Space, Add	*20.17*	
23 31 13 13-0118	LF	16" x 16", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	66.83	33.97
		For Seal Class B, Add	*8.49*	
		For Seal Class A, Add	*18.12*	
		For Work In Restricted Working Space, Add	*16.98*	
23 31 13 13-0119	LF	16" x 18", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	71.02	36.10
		For Seal Class B, Add	*9.03*	
		For Seal Class A, Add	*19.25*	
		For Work In Restricted Working Space, Add	*18.05*	
23 31 13 13-0120	LF	16" x 20", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	75.18	38.21
		For Seal Class B, Add	*9.56*	
		For Seal Class A, Add	*20.38*	
		For Work In Restricted Working Space, Add	*19.11*	
23 31 13 13-0121	LF	16" x 22", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	79.37	40.34
		For Seal Class B, Add	*10.09*	
		For Seal Class A, Add	*21.52*	
		For Work In Restricted Working Space, Add	*20.17*	
23 31 13 13-0122	LF	16" x 24", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	83.53	42.46
		For Seal Class B, Add	*10.62*	
		For Seal Class A, Add	*22.65*	
		For Work In Restricted Working Space, Add	*21.23*	
23 31 13 13-0123	LF	18" x 18", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	75.18	38.21
		For Seal Class B, Add	*9.56*	
		For Seal Class A, Add	*20.38*	
		For Work In Restricted Working Space, Add	*19.11*	
23 31 13 13-0124	LF	18" x 20", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	79.37	40.34
		For Seal Class B, Add	*10.09*	
		For Seal Class A, Add	*21.52*	
		For Work In Restricted Working Space, Add	*20.17*	
23 31 13 13-0125	LF	18" x 22", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	83.53	42.46
		For Seal Class B, Add	*10.62*	
		For Seal Class A, Add	*22.65*	
		For Work In Restricted Working Space, Add	*21.23*	
23 31 13 13-0126	LF	18" x 24", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	87.70	44.59
		For Seal Class B, Add	*11.15*	
		For Seal Class A, Add	*23.78*	
		For Work In Restricted Working Space, Add	*22.29*	
23 31 13 13-0127	LF	20" x 20", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	83.53	42.46
		For Seal Class B, Add	*10.62*	
		For Seal Class A, Add	*22.65*	
		For Work In Restricted Working Space, Add	*21.23*	
23 31 13 13-0128	LF	20" x 22", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	87.70	44.59
		For Seal Class B, Add	*11.15*	
		For Seal Class A, Add	*23.78*	
		For Work In Restricted Working Space, Add	*22.29*	
23 31 13 13-0129	LF	20" x 24", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	91.89	46.71
		For Seal Class B, Add	*11.68*	
		For Seal Class A, Add	*24.91*	
		For Work In Restricted Working Space, Add	*23.36*	
23 31 13 13-0130	LF	22" x 22", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	91.89	46.71
		For Seal Class B, Add	*11.68*	
		For Seal Class A, Add	*24.91*	
		For Work In Restricted Working Space, Add	*23.36*	
23 31 13 13-0131	LF	22" x 24", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	96.05	48.83
		For Seal Class B, Add	*12.21*	
		For Seal Class A, Add	*26.04*	
		For Work In Restricted Working Space, Add	*24.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0132	LF	24" x 24", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	100.23	50.96
		For Seal Class B, Add	*12.74*	
		For Seal Class A, Add	*27.18*	
		For Work In Restricted Working Space, Add	*25.48*	

23 31 13 13-0133 26 Gauge Galvanized Steel Metal Ductwork *(23 31 13 13-0014)*

Note: Seal Class C

23 31 13 13-0134	LF	4" x 4", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	19.38	9.84
		For Seal Class B, Add	*2.46*	
		For Seal Class A, Add	*5.25*	
		For Work In Restricted Working Space, Add	*4.93*	
23 31 13 13-0135	LF	4" x 6", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	24.23	12.31
		For Seal Class B, Add	*3.08*	
		For Seal Class A, Add	*6.57*	
		For Work In Restricted Working Space, Add	*6.16*	
23 31 13 13-0136	LF	4" x 8", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	29.07	14.78
		For Seal Class B, Add	*3.69*	
		For Seal Class A, Add	*7.88*	
		For Work In Restricted Working Space, Add	*7.39*	
23 31 13 13-0137	LF	4" x 10", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	33.91	17.25
		For Seal Class B, Add	*4.31*	
		For Seal Class A, Add	*9.19*	
		For Work In Restricted Working Space, Add	*8.62*	
23 31 13 13-0138	LF	4" x 12", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	38.75	19.71
		For Seal Class B, Add	*4.92*	
		For Seal Class A, Add	*10.51*	
		For Work In Restricted Working Space, Add	*9.85*	
23 31 13 13-0139	LF	4" x 14", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	43.60	22.16
		For Seal Class B, Add	*5.54*	
		For Seal Class A, Add	*11.82*	
		For Work In Restricted Working Space, Add	*11.08*	
23 31 13 13-0140	LF	4" x 16", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	48.44	24.63
		For Seal Class B, Add	*6.16*	
		For Seal Class A, Add	*13.14*	
		For Work In Restricted Working Space, Add	*12.32*	
23 31 13 13-0141	LF	6" x 6", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	29.07	14.78
		For Seal Class B, Add	*3.69*	
		For Seal Class A, Add	*7.88*	
		For Work In Restricted Working Space, Add	*7.39*	
23 31 13 13-0142	LF	6" x 8", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	33.91	17.25
		For Seal Class B, Add	*4.31*	
		For Seal Class A, Add	*9.19*	
		For Work In Restricted Working Space, Add	*8.62*	
23 31 13 13-0143	LF	6" x 10", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	38.75	19.71
		For Seal Class B, Add	*4.92*	
		For Seal Class A, Add	*10.51*	
		For Work In Restricted Working Space, Add	*9.85*	
23 31 13 13-0144	LF	6" x 12", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	43.60	22.16
		For Seal Class B, Add	*5.54*	
		For Seal Class A, Add	*11.82*	
		For Work In Restricted Working Space, Add	*11.08*	
23 31 13 13-0145	LF	6" x 14", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	48.44	24.63
		For Seal Class B, Add	*6.16*	
		For Seal Class A, Add	*13.14*	
		For Work In Restricted Working Space, Add	*12.32*	
23 31 13 13-0146	LF	6" x 16", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	53.30	27.09
		For Seal Class B, Add	*6.77*	
		For Seal Class A, Add	*14.45*	
		For Work In Restricted Working Space, Add	*13.55*	
23 31 13 13-0147	LF	8" x 8", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	38.75	19.71
		For Seal Class B, Add	*4.92*	
		For Seal Class A, Add	*10.51*	
		For Work In Restricted Working Space, Add	*9.85*	
23 31 13 13-0148	LF	8" x 10", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	43.60	22.16
		For Seal Class B, Add	*5.54*	
		For Seal Class A, Add	*11.82*	
		For Work In Restricted Working Space, Add	*11.08*	
23 31 13 13-0149	LF	8" x 12", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	48.45	24.63
		For Seal Class B, Add	*6.16*	
		For Seal Class A, Add	*13.14*	
		For Work In Restricted Working Space, Add	*12.32*	
23 31 13 13-0150	LF	8" x 14", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	53.30	27.09
		For Seal Class B, Add	*6.77*	
		For Seal Class A, Add	*14.45*	
		For Work In Restricted Working Space, Add	*13.55*	
23 31 13 13-0151	LF	8" x 16", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	58.15	29.56
		For Seal Class B, Add	*7.39*	
		For Seal Class A, Add	*15.77*	
		For Work In Restricted Working Space, Add	*14.78*	
23 31 13 13-0152	LF	8" x 18", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	62.99	32.02
		For Seal Class B, Add	*8.01*	
		For Seal Class A, Add	*17.08*	
		For Work In Restricted Working Space, Add	*16.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0153	LF	8" x 20", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	67.82	34.48
		For Seal Class B, Add	*8.62*	
		For Seal Class A, Add	*18.39*	
		For Work In Restricted Working Space, Add	*17.24*	
23 31 13 13-0154	LF	8" x 22", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	72.69	36.94
		For Seal Class B, Add	*9.24*	
		For Seal Class A, Add	*19.71*	
		For Work In Restricted Working Space, Add	*18.47*	
23 31 13 13-0155	LF	8" x 24", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	77.52	39.40
		For Seal Class B, Add	*9.85*	
		For Seal Class A, Add	*21.02*	
		For Work In Restricted Working Space, Add	*19.70*	
23 31 13 13-0156	LF	10" x 10", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	48.45	24.63
		For Seal Class B, Add	*6.16*	
		For Seal Class A, Add	*13.14*	
		For Work In Restricted Working Space, Add	*12.32*	
23 31 13 13-0157	LF	10" x 12", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	53.29	27.09
		For Seal Class B, Add	*6.77*	
		For Seal Class A, Add	*14.45*	
		For Work In Restricted Working Space, Add	*13.55*	
23 31 13 13-0158	LF	10" x 14", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	58.15	29.56
		For Seal Class B, Add	*7.39*	
		For Seal Class A, Add	*15.77*	
		For Work In Restricted Working Space, Add	*14.78*	
23 31 13 13-0159	LF	10" x 16", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	62.99	32.02
		For Seal Class B, Add	*8.01*	
		For Seal Class A, Add	*17.08*	
		For Work In Restricted Working Space, Add	*16.01*	
23 31 13 13-0160	LF	10" x 18", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	67.82	34.48
		For Seal Class B, Add	*8.62*	
		For Seal Class A, Add	*18.39*	
		For Work In Restricted Working Space, Add	*17.24*	
23 31 13 13-0161	LF	10" x 20", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	72.69	36.94
		For Seal Class B, Add	*9.24*	
		For Seal Class A, Add	*19.71*	
		For Work In Restricted Working Space, Add	*18.47*	
23 31 13 13-0162	LF	10" x 22", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	77.52	39.40
		For Seal Class B, Add	*9.85*	
		For Seal Class A, Add	*21.02*	
		For Work In Restricted Working Space, Add	*19.70*	
23 31 13 13-0163	LF	10" x 24", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	82.37	41.88
		For Seal Class B, Add	*10.47*	
		For Seal Class A, Add	*22.33*	
		For Work In Restricted Working Space, Add	*20.94*	
23 31 13 13-0164	LF	12" x 12", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	58.15	29.56
		For Seal Class B, Add	*7.39*	
		For Seal Class A, Add	*15.77*	
		For Work In Restricted Working Space, Add	*14.78*	
23 31 13 13-0165	LF	12" x 14", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	62.99	32.02
		For Seal Class B, Add	*8.01*	
		For Seal Class A, Add	*17.08*	
		For Work In Restricted Working Space, Add	*16.01*	
23 31 13 13-0166	LF	12" x 16", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	67.82	34.48
		For Seal Class B, Add	*8.62*	
		For Seal Class A, Add	*18.39*	
		For Work In Restricted Working Space, Add	*17.24*	
23 31 13 13-0167	LF	12" x 18", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	72.69	36.94
		For Seal Class B, Add	*9.24*	
		For Seal Class A, Add	*19.71*	
		For Work In Restricted Working Space, Add	*18.47*	
23 31 13 13-0168	LF	12" x 20", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	77.52	39.40
		For Seal Class B, Add	*9.85*	
		For Seal Class A, Add	*21.02*	
		For Work In Restricted Working Space, Add	*19.70*	
23 31 13 13-0169	LF	12" x 22", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	82.37	41.88
		For Seal Class B, Add	*10.47*	
		For Seal Class A, Add	*22.33*	
		For Work In Restricted Working Space, Add	*20.94*	
23 31 13 13-0170	LF	12" x 24", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	87.21	44.34
		For Seal Class B, Add	*11.09*	
		For Seal Class A, Add	*23.65*	
		For Work In Restricted Working Space, Add	*22.17*	
23 31 13 13-0171	LF	14" x 14", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	67.82	34.48
		For Seal Class B, Add	*8.62*	
		For Seal Class A, Add	*18.39*	
		For Work In Restricted Working Space, Add	*17.24*	
23 31 13 13-0172	LF	14" x 16", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	72.69	36.94
		For Seal Class B, Add	*9.24*	
		For Seal Class A, Add	*19.71*	
		For Work In Restricted Working Space, Add	*18.47*	
23 31 13 13-0173	LF	14" x 18", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	77.52	39.40
		For Seal Class B, Add	*9.85*	
		For Seal Class A, Add	*21.02*	
		For Work In Restricted Working Space, Add	*19.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0174	LF	14" x 20", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	82.37	41.88
		For Seal Class B, Add	*10.47*	
		For Seal Class A, Add	*22.33*	
		For Work In Restricted Working Space, Add	*20.94*	
23 31 13 13-0175	LF	14" x 22", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	87.21	44.34
		For Seal Class B, Add	*11.09*	
		For Seal Class A, Add	*23.65*	
		For Work In Restricted Working Space, Add	*22.17*	
23 31 13 13-0176	LF	14" x 24", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	92.07	46.80
		For Seal Class B, Add	*11.70*	
		For Seal Class A, Add	*24.96*	
		For Work In Restricted Working Space, Add	*23.40*	
23 31 13 13-0177	LF	16" x 16", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	77.52	39.40
		For Seal Class B, Add	*9.85*	
		For Seal Class A, Add	*21.02*	
		For Work In Restricted Working Space, Add	*19.70*	
23 31 13 13-0178	LF	16" x 18", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	82.37	41.88
		For Seal Class B, Add	*10.47*	
		For Seal Class A, Add	*22.33*	
		For Work In Restricted Working Space, Add	*20.94*	
23 31 13 13-0179	LF	16" x 20", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	87.21	44.34
		For Seal Class B, Add	*11.09*	
		For Seal Class A, Add	*23.65*	
		For Work In Restricted Working Space, Add	*22.17*	
23 31 13 13-0180	LF	16" x 22", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	92.07	46.80
		For Seal Class B, Add	*11.70*	
		For Seal Class A, Add	*24.96*	
		For Work In Restricted Working Space, Add	*23.40*	
23 31 13 13-0181	LF	16" x 24", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	96.90	49.27
		For Seal Class B, Add	*12.32*	
		For Seal Class A, Add	*26.27*	
		For Work In Restricted Working Space, Add	*24.63*	
23 31 13 13-0182	LF	18" x 18", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	87.21	44.34
		For Seal Class B, Add	*11.09*	
		For Seal Class A, Add	*23.65*	
		For Work In Restricted Working Space, Add	*22.17*	
23 31 13 13-0183	LF	18" x 20", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	92.07	46.80
		For Seal Class B, Add	*11.70*	
		For Seal Class A, Add	*24.96*	
		For Work In Restricted Working Space, Add	*23.40*	
23 31 13 13-0184	LF	18" x 22", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	96.90	49.27
		For Seal Class B, Add	*12.32*	
		For Seal Class A, Add	*26.27*	
		For Work In Restricted Working Space, Add	*24.63*	
23 31 13 13-0185	LF	18" x 24", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	101.74	51.72
		For Seal Class B, Add	*12.93*	
		For Seal Class A, Add	*27.58*	
		For Work In Restricted Working Space, Add	*25.86*	
23 31 13 13-0186	LF	20" x 20", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	96.90	49.27
		For Seal Class B, Add	*12.32*	
		For Seal Class A, Add	*26.27*	
		For Work In Restricted Working Space, Add	*24.63*	
23 31 13 13-0187	LF	20" x 22", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	101.74	51.72
		For Seal Class B, Add	*12.93*	
		For Seal Class A, Add	*27.58*	
		For Work In Restricted Working Space, Add	*25.86*	
23 31 13 13-0188	LF	20" x 24", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	106.58	54.18
		For Seal Class B, Add	*13.55*	
		For Seal Class A, Add	*28.90*	
		For Work In Restricted Working Space, Add	*27.09*	
23 31 13 13-0189	LF	22" x 22", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	106.58	54.18
		For Seal Class B, Add	*13.55*	
		For Seal Class A, Add	*28.90*	
		For Work In Restricted Working Space, Add	*27.09*	
23 31 13 13-0190	LF	22" x 24", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	111.44	56.65
		For Seal Class B, Add	*14.16*	
		For Seal Class A, Add	*30.21*	
		For Work In Restricted Working Space, Add	*28.32*	
23 31 13 13-0191	LF	24" x 24", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	116.29	59.11
		For Seal Class B, Add	*14.78*	
		For Seal Class A, Add	*31.53*	
		For Work In Restricted Working Space, Add	*29.56*	
23 31 13 13-0192		24 Gauge Galvanized Steel Metal Ductwork *(23 31 13 13-0014)*		
		Note: Seal Class C		
23 31 13 13-0193	LF	4" x 4", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	29.27	15.29
		For Seal Class B, Add	*3.82*	
		For Seal Class A, Add	*8.16*	
		For Work In Restricted Working Space, Add	*7.65*	
23 31 13 13-0194	LF	4" x 6", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	36.58	19.10
		For Seal Class B, Add	*4.78*	
		For Seal Class A, Add	*10.20*	
		For Work In Restricted Working Space, Add	*9.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0195	LF	4" x 8", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	43.89	22.93
		For Seal Class B, Add	*5.73*	
		For Seal Class A, Add	*12.23*	
		For Work In Restricted Working Space, Add	*11.47*	
23 31 13 13-0196	LF	4" x 10", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	51.20	26.76
		For Seal Class B, Add	*6.69*	
		For Seal Class A, Add	*14.27*	
		For Work In Restricted Working Space, Add	*13.38*	
23 31 13 13-0197	LF	4" x 12", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	58.51	30.59
		For Seal Class B, Add	*7.64*	
		For Seal Class A, Add	*16.31*	
		For Work In Restricted Working Space, Add	*15.29*	
23 31 13 13-0198	LF	4" x 14", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	65.84	34.40
		For Seal Class B, Add	*8.60*	
		For Seal Class A, Add	*18.35*	
		For Work In Restricted Working Space, Add	*17.20*	
23 31 13 13-0199	LF	4" x 16", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	73.15	38.22
		For Seal Class B, Add	*9.56*	
		For Seal Class A, Add	*20.39*	
		For Work In Restricted Working Space, Add	*19.11*	
23 31 13 13-0200	LF	6" x 6", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	43.89	22.93
		For Seal Class B, Add	*5.73*	
		For Seal Class A, Add	*12.23*	
		For Work In Restricted Working Space, Add	*11.47*	
23 31 13 13-0201	LF	6" x 8", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	51.20	26.76
		For Seal Class B, Add	*6.69*	
		For Seal Class A, Add	*14.27*	
		For Work In Restricted Working Space, Add	*13.38*	
23 31 13 13-0202	LF	6" x 10", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	58.51	30.59
		For Seal Class B, Add	*7.64*	
		For Seal Class A, Add	*16.31*	
		For Work In Restricted Working Space, Add	*15.29*	
23 31 13 13-0203	LF	6" x 12", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	65.84	34.40
		For Seal Class B, Add	*8.60*	
		For Seal Class A, Add	*18.35*	
		For Work In Restricted Working Space, Add	*17.20*	
23 31 13 13-0204	LF	6" x 14", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	73.15	38.22
		For Seal Class B, Add	*9.56*	
		For Seal Class A, Add	*20.39*	
		For Work In Restricted Working Space, Add	*19.11*	
23 31 13 13-0205	LF	6" x 16", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	80.47	42.05
		For Seal Class B, Add	*10.51*	
		For Seal Class A, Add	*22.43*	
		For Work In Restricted Working Space, Add	*21.02*	
23 31 13 13-0206	LF	8" x 8", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	58.51	30.59
		For Seal Class B, Add	*7.64*	
		For Seal Class A, Add	*16.31*	
		For Work In Restricted Working Space, Add	*15.29*	
23 31 13 13-0207	LF	8" x 10", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	65.84	34.40
		For Seal Class B, Add	*8.60*	
		For Seal Class A, Add	*18.35*	
		For Work In Restricted Working Space, Add	*17.20*	
23 31 13 13-0208	LF	8" x 12", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	73.15	38.22
		For Seal Class B, Add	*9.56*	
		For Seal Class A, Add	*20.39*	
		For Work In Restricted Working Space, Add	*19.11*	
23 31 13 13-0209	LF	8" x 14", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	80.47	42.05
		For Seal Class B, Add	*10.51*	
		For Seal Class A, Add	*22.43*	
		For Work In Restricted Working Space, Add	*21.02*	
23 31 13 13-0210	LF	8" x 16", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	87.78	45.86
		For Seal Class B, Add	*11.47*	
		For Seal Class A, Add	*24.46*	
		For Work In Restricted Working Space, Add	*22.94*	
23 31 13 13-0211	LF	8" x 18", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	95.08	49.69
		For Seal Class B, Add	*12.42*	
		For Seal Class A, Add	*26.50*	
		For Work In Restricted Working Space, Add	*24.84*	
23 31 13 13-0212	LF	8" x 20", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	102.40	53.52
		For Seal Class B, Add	*13.38*	
		For Seal Class A, Add	*28.54*	
		For Work In Restricted Working Space, Add	*26.75*	
23 31 13 13-0213	LF	8" x 22", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	109.72	57.34
		For Seal Class B, Add	*14.33*	
		For Seal Class A, Add	*30.58*	
		For Work In Restricted Working Space, Add	*28.67*	
23 31 13 13-0214	LF	8" x 24", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	117.04	61.15
		For Seal Class B, Add	*15.29*	
		For Seal Class A, Add	*32.62*	
		For Work In Restricted Working Space, Add	*30.58*	
23 31 13 13-0215	LF	10" x 10", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	73.15	38.22
		For Seal Class B, Add	*9.56*	
		For Seal Class A, Add	*20.39*	
		For Work In Restricted Working Space, Add	*19.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0216	LF	10" x 12", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	80.47	42.05
		For Seal Class B, Add	*10.51*	
		For Seal Class A, Add	*22.43*	
		For Work In Restricted Working Space, Add	*21.02*	
23 31 13 13-0217	LF	10" x 14", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	87.78	45.86
		For Seal Class B, Add	*11.47*	
		For Seal Class A, Add	*24.46*	
		For Work In Restricted Working Space, Add	*22.94*	
23 31 13 13-0218	LF	10" x 16", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	95.08	49.69
		For Seal Class B, Add	*12.42*	
		For Seal Class A, Add	*26.50*	
		For Work In Restricted Working Space, Add	*24.84*	
23 31 13 13-0219	LF	10" x 18", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	102.40	53.52
		For Seal Class B, Add	*13.38*	
		For Seal Class A, Add	*28.54*	
		For Work In Restricted Working Space, Add	*26.75*	
23 31 13 13-0220	LF	10" x 20", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	109.72	57.34
		For Seal Class B, Add	*14.33*	
		For Seal Class A, Add	*30.58*	
		For Work In Restricted Working Space, Add	*28.67*	
23 31 13 13-0221	LF	10" x 22", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	117.04	61.15
		For Seal Class B, Add	*15.29*	
		For Seal Class A, Add	*32.62*	
		For Work In Restricted Working Space, Add	*30.58*	
23 31 13 13-0222	LF	10" x 24", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	124.35	64.98
		For Seal Class B, Add	*16.25*	
		For Seal Class A, Add	*34.66*	
		For Work In Restricted Working Space, Add	*32.49*	
23 31 13 13-0223	LF	10" x 26", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	131.67	68.80
		For Seal Class B, Add	*17.20*	
		For Seal Class A, Add	*36.69*	
		For Work In Restricted Working Space, Add	*34.40*	
23 31 13 13-0224	LF	10" x 28", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	138.98	72.62
		For Seal Class B, Add	*18.16*	
		For Seal Class A, Add	*38.73*	
		For Work In Restricted Working Space, Add	*36.31*	
23 31 13 13-0225	LF	10" x 30", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	146.29	76.45
		For Seal Class B, Add	*19.11*	
		For Seal Class A, Add	*40.77*	
		For Work In Restricted Working Space, Add	*38.22*	
23 31 13 13-0226	LF	12" x 12", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	87.78	45.86
		For Seal Class B, Add	*11.47*	
		For Seal Class A, Add	*24.46*	
		For Work In Restricted Working Space, Add	*22.94*	
23 31 13 13-0227	LF	12" x 14", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	95.08	49.69
		For Seal Class B, Add	*12.42*	
		For Seal Class A, Add	*26.50*	
		For Work In Restricted Working Space, Add	*24.84*	
23 31 13 13-0228	LF	12" x 16", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	102.40	53.52
		For Seal Class B, Add	*13.38*	
		For Seal Class A, Add	*28.54*	
		For Work In Restricted Working Space, Add	*26.75*	
23 31 13 13-0229	LF	12" x 18", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	109.72	57.34
		For Seal Class B, Add	*14.33*	
		For Seal Class A, Add	*30.58*	
		For Work In Restricted Working Space, Add	*28.67*	
23 31 13 13-0230	LF	12" x 20", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	117.04	61.15
		For Seal Class B, Add	*15.29*	
		For Seal Class A, Add	*32.62*	
		For Work In Restricted Working Space, Add	*30.58*	
23 31 13 13-0231	LF	12" x 22", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	124.35	64.98
		For Seal Class B, Add	*16.25*	
		For Seal Class A, Add	*34.66*	
		For Work In Restricted Working Space, Add	*32.49*	
23 31 13 13-0232	LF	12" x 24", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	131.67	68.80
		For Seal Class B, Add	*17.20*	
		For Seal Class A, Add	*36.69*	
		For Work In Restricted Working Space, Add	*34.40*	
23 31 13 13-0233	LF	12" x 26", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	138.98	72.62
		For Seal Class B, Add	*18.16*	
		For Seal Class A, Add	*38.73*	
		For Work In Restricted Working Space, Add	*36.31*	
23 31 13 13-0234	LF	12" x 28", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	146.29	76.45
		For Seal Class B, Add	*19.11*	
		For Seal Class A, Add	*40.77*	
		For Work In Restricted Working Space, Add	*38.22*	
23 31 13 13-0235	LF	12" x 30", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	153.61	80.28
		For Seal Class B, Add	*20.07*	
		For Seal Class A, Add	*42.81*	
		For Work In Restricted Working Space, Add	*40.13*	
23 31 13 13-0236	LF	14" x 14", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	102.40	53.52
		For Seal Class B, Add	*13.38*	
		For Seal Class A, Add	*28.54*	
		For Work In Restricted Working Space, Add	*26.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0237	LF	14" x 16", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	109.72	57.34
		For Seal Class B, Add	*14.33*	
		For Seal Class A, Add	*30.58*	
		For Work In Restricted Working Space, Add	*28.67*	
23 31 13 13-0238	LF	14" x 18", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	117.04	61.15
		For Seal Class B, Add	*15.29*	
		For Seal Class A, Add	*32.62*	
		For Work In Restricted Working Space, Add	*30.58*	
23 31 13 13-0239	LF	14" x 20", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	124.35	64.98
		For Seal Class B, Add	*16.25*	
		For Seal Class A, Add	*34.66*	
		For Work In Restricted Working Space, Add	*32.49*	
23 31 13 13-0240	LF	14" x 22", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	131.67	68.80
		For Seal Class B, Add	*17.20*	
		For Seal Class A, Add	*36.69*	
		For Work In Restricted Working Space, Add	*34.40*	
23 31 13 13-0241	LF	14" x 24", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	138.98	72.62
		For Seal Class B, Add	*18.16*	
		For Seal Class A, Add	*38.73*	
		For Work In Restricted Working Space, Add	*36.31*	
23 31 13 13-0242	LF	14" x 26", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	146.29	76.45
		For Seal Class B, Add	*19.11*	
		For Seal Class A, Add	*40.77*	
		For Work In Restricted Working Space, Add	*38.22*	
23 31 13 13-0243	LF	14" x 28", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	153.61	80.28
		For Seal Class B, Add	*20.07*	
		For Seal Class A, Add	*42.81*	
		For Work In Restricted Working Space, Add	*40.13*	
23 31 13 13-0244	LF	14" x 30", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	160.92	84.09
		For Seal Class B, Add	*21.02*	
		For Seal Class A, Add	*44.85*	
		For Work In Restricted Working Space, Add	*42.05*	
23 31 13 13-0245	LF	16" x 16", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	117.04	61.15
		For Seal Class B, Add	*15.29*	
		For Seal Class A, Add	*32.62*	
		For Work In Restricted Working Space, Add	*30.58*	
23 31 13 13-0246	LF	16" x 18", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	124.35	64.98
		For Seal Class B, Add	*16.25*	
		For Seal Class A, Add	*34.66*	
		For Work In Restricted Working Space, Add	*32.49*	
23 31 13 13-0247	LF	16" x 20", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	131.67	68.80
		For Seal Class B, Add	*17.20*	
		For Seal Class A, Add	*36.69*	
		For Work In Restricted Working Space, Add	*34.40*	
23 31 13 13-0248	LF	16" x 22", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	138.98	72.62
		For Seal Class B, Add	*18.16*	
		For Seal Class A, Add	*38.73*	
		For Work In Restricted Working Space, Add	*36.31*	
23 31 13 13-0249	LF	16" x 24", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	146.29	76.45
		For Seal Class B, Add	*19.11*	
		For Seal Class A, Add	*40.77*	
		For Work In Restricted Working Space, Add	*38.22*	
23 31 13 13-0250	LF	16" x 26", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	153.61	80.28
		For Seal Class B, Add	*20.07*	
		For Seal Class A, Add	*42.81*	
		For Work In Restricted Working Space, Add	*40.13*	
23 31 13 13-0251	LF	16" x 28", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	160.92	84.09
		For Seal Class B, Add	*21.02*	
		For Seal Class A, Add	*44.85*	
		For Work In Restricted Working Space, Add	*42.05*	
23 31 13 13-0252	LF	16" x 30", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	168.24	87.91
		For Seal Class B, Add	*21.98*	
		For Seal Class A, Add	*46.89*	
		For Work In Restricted Working Space, Add	*43.96*	
23 31 13 13-0253	LF	18" x 18", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	131.67	68.80
		For Seal Class B, Add	*17.20*	
		For Seal Class A, Add	*36.69*	
		For Work In Restricted Working Space, Add	*34.40*	
23 31 13 13-0254	LF	18" x 20", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	138.98	72.62
		For Seal Class B, Add	*18.16*	
		For Seal Class A, Add	*38.73*	
		For Work In Restricted Working Space, Add	*36.31*	
23 31 13 13-0255	LF	18" x 22", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	146.29	76.45
		For Seal Class B, Add	*19.11*	
		For Seal Class A, Add	*40.77*	
		For Work In Restricted Working Space, Add	*38.22*	
23 31 13 13-0256	LF	18" x 24", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	153.61	80.28
		For Seal Class B, Add	*20.07*	
		For Seal Class A, Add	*42.81*	
		For Work In Restricted Working Space, Add	*40.13*	
23 31 13 13-0257	LF	18" x 26", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	160.92	84.09
		For Seal Class B, Add	*21.02*	
		For Seal Class A, Add	*44.85*	
		For Work In Restricted Working Space, Add	*42.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0258	LF	18" x 28", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	168.24	87.91
		For Seal Class B, Add	*21.98*	
		For Seal Class A, Add	*46.89*	
		For Work In Restricted Working Space, Add	*43.96*	
23 31 13 13-0259	LF	18" x 30", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	175.55	91.74
		For Seal Class B, Add	*22.93*	
		For Seal Class A, Add	*48.92*	
		For Work In Restricted Working Space, Add	*45.87*	
23 31 13 13-0260	LF	20" x 20", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	146.29	76.45
		For Seal Class B, Add	*19.11*	
		For Seal Class A, Add	*40.77*	
		For Work In Restricted Working Space, Add	*38.22*	
23 31 13 13-0261	LF	20" x 22", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	153.61	80.28
		For Seal Class B, Add	*20.07*	
		For Seal Class A, Add	*42.81*	
		For Work In Restricted Working Space, Add	*40.13*	
23 31 13 13-0262	LF	20" x 24", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	160.92	84.09
		For Seal Class B, Add	*21.02*	
		For Seal Class A, Add	*44.85*	
		For Work In Restricted Working Space, Add	*42.05*	
23 31 13 13-0263	LF	20" x 26", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	168.24	87.91
		For Seal Class B, Add	*21.98*	
		For Seal Class A, Add	*46.89*	
		For Work In Restricted Working Space, Add	*43.96*	
23 31 13 13-0264	LF	20" x 28", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	175.55	91.74
		For Seal Class B, Add	*22.93*	
		For Seal Class A, Add	*48.92*	
		For Work In Restricted Working Space, Add	*45.87*	
23 31 13 13-0265	LF	20" x 30", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	182.86	95.56
		For Seal Class B, Add	*23.89*	
		For Seal Class A, Add	*50.96*	
		For Work In Restricted Working Space, Add	*47.78*	
23 31 13 13-0266	LF	22" x 22", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	160.92	84.09
		For Seal Class B, Add	*21.02*	
		For Seal Class A, Add	*44.85*	
		For Work In Restricted Working Space, Add	*42.05*	
23 31 13 13-0267	LF	22" x 24", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	168.24	87.91
		For Seal Class B, Add	*21.98*	
		For Seal Class A, Add	*46.89*	
		For Work In Restricted Working Space, Add	*43.96*	
23 31 13 13-0268	LF	22" x 26", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	175.55	91.74
		For Seal Class B, Add	*22.93*	
		For Seal Class A, Add	*48.92*	
		For Work In Restricted Working Space, Add	*45.87*	
23 31 13 13-0269	LF	22" x 28", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	182.86	95.56
		For Seal Class B, Add	*23.89*	
		For Seal Class A, Add	*50.96*	
		For Work In Restricted Working Space, Add	*47.78*	
23 31 13 13-0270	LF	22" x 30", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	190.19	99.38
		For Seal Class B, Add	*24.85*	
		For Seal Class A, Add	*53.00*	
		For Work In Restricted Working Space, Add	*49.69*	
23 31 13 13-0271	LF	24" x 24", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	175.55	91.74
		For Seal Class B, Add	*22.93*	
		For Seal Class A, Add	*48.92*	
		For Work In Restricted Working Space, Add	*45.87*	
23 31 13 13-0272	LF	24" x 26", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	182.86	95.56
		For Seal Class B, Add	*23.89*	
		For Seal Class A, Add	*50.96*	
		For Work In Restricted Working Space, Add	*47.78*	
23 31 13 13-0273	LF	24" x 28", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	190.19	99.38
		For Seal Class B, Add	*24.85*	
		For Seal Class A, Add	*53.00*	
		For Work In Restricted Working Space, Add	*49.69*	
23 31 13 13-0274	LF	24" x 30", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	197.50	103.21
		For Seal Class B, Add	*25.80*	
		For Seal Class A, Add	*55.04*	
		For Work In Restricted Working Space, Add	*51.60*	
23 31 13 13-0275	LF	26" x 26", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	190.19	99.38
		For Seal Class B, Add	*24.85*	
		For Seal Class A, Add	*53.00*	
		For Work In Restricted Working Space, Add	*49.69*	
23 31 13 13-0276	LF	26" x 28", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	197.50	103.21
		For Seal Class B, Add	*25.80*	
		For Seal Class A, Add	*55.04*	
		For Work In Restricted Working Space, Add	*51.60*	
23 31 13 13-0277	LF	26" x 30", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	204.81	107.02
		For Seal Class B, Add	*26.76*	
		For Seal Class A, Add	*57.08*	
		For Work In Restricted Working Space, Add	*53.51*	
23 31 13 13-0278	LF	28" x 28", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	204.81	107.02
		For Seal Class B, Add	*26.76*	
		For Seal Class A, Add	*57.08*	
		For Work In Restricted Working Space, Add	*53.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0279	LF	28" x 30", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	212.12	110.84
		For Seal Class B, Add	*27.71*	
		For Seal Class A, Add	*59.12*	
		For Work In Restricted Working Space, Add	*55.42*	
23 31 13 13-0280	LF	30" x 30", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	219.45	114.67
		For Seal Class B, Add	*28.67*	
		For Seal Class A, Add	*61.16*	
		For Work In Restricted Working Space, Add	*57.34*	
23 31 13 13-0281		22 Gauge Galvanized Steel Metal Ductwork *(23 31 13 13-0014)*		
		Note: Seal Class C		
23 31 13 13-0282	LF	4" x 4", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	30.08	15.29
		For Seal Class B, Add	*3.82*	
		For Seal Class A, Add	*8.16*	
		For Work In Restricted Working Space, Add	*7.65*	
23 31 13 13-0283	LF	4" x 6", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	37.60	19.10
		For Seal Class B, Add	*4.78*	
		For Seal Class A, Add	*10.20*	
		For Work In Restricted Working Space, Add	*9.56*	
23 31 13 13-0284	LF	4" x 8", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	45.11	22.93
		For Seal Class B, Add	*5.73*	
		For Seal Class A, Add	*12.23*	
		For Work In Restricted Working Space, Add	*11.47*	
23 31 13 13-0285	LF	4" x 10", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	52.63	26.76
		For Seal Class B, Add	*6.69*	
		For Seal Class A, Add	*14.27*	
		For Work In Restricted Working Space, Add	*13.38*	
23 31 13 13-0286	LF	4" x 12", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	60.15	30.59
		For Seal Class B, Add	*7.64*	
		For Seal Class A, Add	*16.31*	
		For Work In Restricted Working Space, Add	*15.29*	
23 31 13 13-0287	LF	4" x 14", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	67.68	34.40
		For Seal Class B, Add	*8.60*	
		For Seal Class A, Add	*18.35*	
		For Work In Restricted Working Space, Add	*17.20*	
23 31 13 13-0288	LF	4" x 16", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	75.19	38.22
		For Seal Class B, Add	*9.56*	
		For Seal Class A, Add	*20.39*	
		For Work In Restricted Working Space, Add	*19.11*	
23 31 13 13-0289	LF	6" x 6", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	45.11	22.93
		For Seal Class B, Add	*5.73*	
		For Seal Class A, Add	*12.23*	
		For Work In Restricted Working Space, Add	*11.47*	
23 31 13 13-0290	LF	6" x 8", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	52.63	26.76
		For Seal Class B, Add	*6.69*	
		For Seal Class A, Add	*14.27*	
		For Work In Restricted Working Space, Add	*13.38*	
23 31 13 13-0291	LF	6" x 10", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	60.15	30.59
		For Seal Class B, Add	*7.64*	
		For Seal Class A, Add	*16.31*	
		For Work In Restricted Working Space, Add	*15.29*	
23 31 13 13-0292	LF	6" x 12", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	67.68	34.40
		For Seal Class B, Add	*8.60*	
		For Seal Class A, Add	*18.35*	
		For Work In Restricted Working Space, Add	*17.20*	
23 31 13 13-0293	LF	6" x 14", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	75.19	38.22
		For Seal Class B, Add	*9.56*	
		For Seal Class A, Add	*20.39*	
		For Work In Restricted Working Space, Add	*19.11*	
23 31 13 13-0294	LF	6" x 16", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	82.71	42.05
		For Seal Class B, Add	*10.51*	
		For Seal Class A, Add	*22.43*	
		For Work In Restricted Working Space, Add	*21.02*	
23 31 13 13-0295	LF	8" x 8", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	60.15	30.59
		For Seal Class B, Add	*7.64*	
		For Seal Class A, Add	*16.31*	
		For Work In Restricted Working Space, Add	*15.29*	
23 31 13 13-0296	LF	8" x 10", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	67.68	34.40
		For Seal Class B, Add	*8.60*	
		For Seal Class A, Add	*18.35*	
		For Work In Restricted Working Space, Add	*17.20*	
23 31 13 13-0297	LF	8" x 12", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	75.19	38.22
		For Seal Class B, Add	*9.56*	
		For Seal Class A, Add	*20.39*	
		For Work In Restricted Working Space, Add	*19.11*	
23 31 13 13-0298	LF	8" x 14", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	82.71	42.05
		For Seal Class B, Add	*10.51*	
		For Seal Class A, Add	*22.43*	
		For Work In Restricted Working Space, Add	*21.02*	
23 31 13 13-0299	LF	8" x 16", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	90.23	45.86
		For Seal Class B, Add	*11.47*	
		For Seal Class A, Add	*24.46*	
		For Work In Restricted Working Space, Add	*22.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0300	LF	8" x 18", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	97.74	49.69
		For Seal Class B, Add	*12.42*	
		For Seal Class A, Add	*26.50*	
		For Work In Restricted Working Space, Add	*24.84*	
23 31 13 13-0301	LF	8" x 20", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	105.26	53.52
		For Seal Class B, Add	*13.38*	
		For Seal Class A, Add	*28.54*	
		For Work In Restricted Working Space, Add	*26.75*	
23 31 13 13-0302	LF	8" x 22", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	112.79	57.34
		For Seal Class B, Add	*14.33*	
		For Seal Class A, Add	*30.58*	
		For Work In Restricted Working Space, Add	*28.67*	
23 31 13 13-0303	LF	8" x 24", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	120.30	61.15
		For Seal Class B, Add	*15.29*	
		For Seal Class A, Add	*32.62*	
		For Work In Restricted Working Space, Add	*30.58*	
23 31 13 13-0304	LF	10" x 10", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	75.19	38.22
		For Seal Class B, Add	*9.56*	
		For Seal Class A, Add	*20.39*	
		For Work In Restricted Working Space, Add	*19.11*	
23 31 13 13-0305	LF	10" x 12", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	82.71	42.05
		For Seal Class B, Add	*10.51*	
		For Seal Class A, Add	*22.43*	
		For Work In Restricted Working Space, Add	*21.02*	
23 31 13 13-0306	LF	10" x 14", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	90.23	45.86
		For Seal Class B, Add	*11.47*	
		For Seal Class A, Add	*24.46*	
		For Work In Restricted Working Space, Add	*22.94*	
23 31 13 13-0307	LF	10" x 16", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	97.74	49.69
		For Seal Class B, Add	*12.42*	
		For Seal Class A, Add	*26.50*	
		For Work In Restricted Working Space, Add	*24.84*	
23 31 13 13-0308	LF	10" x 18", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	105.26	53.52
		For Seal Class B, Add	*13.38*	
		For Seal Class A, Add	*28.54*	
		For Work In Restricted Working Space, Add	*26.75*	
23 31 13 13-0309	LF	10" x 20", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	112.79	57.34
		For Seal Class B, Add	*14.33*	
		For Seal Class A, Add	*30.58*	
		For Work In Restricted Working Space, Add	*28.67*	
23 31 13 13-0310	LF	10" x 22", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	120.30	61.15
		For Seal Class B, Add	*15.29*	
		For Seal Class A, Add	*32.62*	
		For Work In Restricted Working Space, Add	*30.58*	
23 31 13 13-0311	LF	10" x 24", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	127.82	64.98
		For Seal Class B, Add	*16.25*	
		For Seal Class A, Add	*34.66*	
		For Work In Restricted Working Space, Add	*32.49*	
23 31 13 13-0312	LF	10" x 26", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	135.34	68.80
		For Seal Class B, Add	*17.20*	
		For Seal Class A, Add	*36.69*	
		For Work In Restricted Working Space, Add	*34.40*	
23 31 13 13-0313	LF	10" x 28", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	142.86	72.62
		For Seal Class B, Add	*18.16*	
		For Seal Class A, Add	*38.73*	
		For Work In Restricted Working Space, Add	*36.31*	
23 31 13 13-0314	LF	10" x 30", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	150.38	76.45
		For Seal Class B, Add	*19.11*	
		For Seal Class A, Add	*40.77*	
		For Work In Restricted Working Space, Add	*38.22*	
23 31 13 13-0315	LF	10" x 32", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	157.90	80.28
		For Seal Class B, Add	*20.07*	
		For Seal Class A, Add	*42.81*	
		For Work In Restricted Working Space, Add	*40.13*	
23 31 13 13-0316	LF	12" x 12", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	90.23	45.86
		For Seal Class B, Add	*11.47*	
		For Seal Class A, Add	*24.46*	
		For Work In Restricted Working Space, Add	*22.94*	
23 31 13 13-0317	LF	12" x 14", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	97.74	49.69
		For Seal Class B, Add	*12.42*	
		For Seal Class A, Add	*26.50*	
		For Work In Restricted Working Space, Add	*24.84*	
23 31 13 13-0318	LF	12" x 16", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	105.26	53.52
		For Seal Class B, Add	*13.38*	
		For Seal Class A, Add	*28.54*	
		For Work In Restricted Working Space, Add	*26.75*	
23 31 13 13-0319	LF	12" x 18", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	112.79	57.34
		For Seal Class B, Add	*14.33*	
		For Seal Class A, Add	*30.58*	
		For Work In Restricted Working Space, Add	*28.67*	
23 31 13 13-0320	LF	12" x 20", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	120.30	61.15
		For Seal Class B, Add	*15.29*	
		For Seal Class A, Add	*32.62*	
		For Work In Restricted Working Space, Add	*30.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0321	LF	12" x 22", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	127.82	64.98
		For Seal Class B, Add	*16.25*	
		For Seal Class A, Add	*34.66*	
		For Work In Restricted Working Space, Add	*32.49*	
23 31 13 13-0322	LF	12" x 24", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	135.34	68.80
		For Seal Class B, Add	*17.20*	
		For Seal Class A, Add	*36.69*	
		For Work In Restricted Working Space, Add	*34.40*	
23 31 13 13-0323	LF	12" x 26", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	142.86	72.62
		For Seal Class B, Add	*18.16*	
		For Seal Class A, Add	*38.73*	
		For Work In Restricted Working Space, Add	*36.31*	
23 31 13 13-0324	LF	12" x 28", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	150.38	76.45
		For Seal Class B, Add	*19.11*	
		For Seal Class A, Add	*40.77*	
		For Work In Restricted Working Space, Add	*38.22*	
23 31 13 13-0325	LF	12" x 30", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	157.90	80.28
		For Seal Class B, Add	*20.07*	
		For Seal Class A, Add	*42.81*	
		For Work In Restricted Working Space, Add	*40.13*	
23 31 13 13-0326	LF	12" x 32", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	165.41	84.09
		For Seal Class B, Add	*21.02*	
		For Seal Class A, Add	*44.85*	
		For Work In Restricted Working Space, Add	*42.05*	
23 31 13 13-0327	LF	12" x 34", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	172.93	87.91
		For Seal Class B, Add	*21.98*	
		For Seal Class A, Add	*46.89*	
		For Work In Restricted Working Space, Add	*43.96*	
23 31 13 13-0328	LF	12" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	180.45	91.74
		For Seal Class B, Add	*22.93*	
		For Seal Class A, Add	*48.92*	
		For Work In Restricted Working Space, Add	*45.87*	
23 31 13 13-0329	LF	14" x 14", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	105.26	53.52
		For Seal Class B, Add	*13.38*	
		For Seal Class A, Add	*28.54*	
		For Work In Restricted Working Space, Add	*26.75*	
23 31 13 13-0330	LF	14" x 16", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	112.79	57.34
		For Seal Class B, Add	*14.33*	
		For Seal Class A, Add	*30.58*	
		For Work In Restricted Working Space, Add	*28.67*	
23 31 13 13-0331	LF	14" x 18", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	120.30	61.15
		For Seal Class B, Add	*15.29*	
		For Seal Class A, Add	*32.62*	
		For Work In Restricted Working Space, Add	*30.58*	
23 31 13 13-0332	LF	14" x 20", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	127.82	64.98
		For Seal Class B, Add	*16.25*	
		For Seal Class A, Add	*34.66*	
		For Work In Restricted Working Space, Add	*32.49*	
23 31 13 13-0333	LF	14" x 22", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	135.34	68.80
		For Seal Class B, Add	*17.20*	
		For Seal Class A, Add	*36.69*	
		For Work In Restricted Working Space, Add	*34.40*	
23 31 13 13-0334	LF	14" x 24", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	142.86	72.62
		For Seal Class B, Add	*18.16*	
		For Seal Class A, Add	*38.73*	
		For Work In Restricted Working Space, Add	*36.31*	
23 31 13 13-0335	LF	14" x 26", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	150.38	76.45
		For Seal Class B, Add	*19.11*	
		For Seal Class A, Add	*40.77*	
		For Work In Restricted Working Space, Add	*38.22*	
23 31 13 13-0336	LF	14" x 28", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	157.90	80.28
		For Seal Class B, Add	*20.07*	
		For Seal Class A, Add	*42.81*	
		For Work In Restricted Working Space, Add	*40.13*	
23 31 13 13-0337	LF	14" x 30", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	165.41	84.09
		For Seal Class B, Add	*21.02*	
		For Seal Class A, Add	*44.85*	
		For Work In Restricted Working Space, Add	*42.05*	
23 31 13 13-0338	LF	14" x 32", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	172.93	87.91
		For Seal Class B, Add	*21.98*	
		For Seal Class A, Add	*46.89*	
		For Work In Restricted Working Space, Add	*43.96*	
23 31 13 13-0339	LF	14" x 34", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	180.45	91.74
		For Seal Class B, Add	*22.93*	
		For Seal Class A, Add	*48.92*	
		For Work In Restricted Working Space, Add	*45.87*	
23 31 13 13-0340	LF	14" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	187.97	95.56
		For Seal Class B, Add	*23.89*	
		For Seal Class A, Add	*50.96*	
		For Work In Restricted Working Space, Add	*47.78*	
23 31 13 13-0341	LF	16" x 16", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	120.30	61.15
		For Seal Class B, Add	*15.29*	
		For Seal Class A, Add	*32.62*	
		For Work In Restricted Working Space, Add	*30.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0342	LF	16" x 18", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	127.82	64.98
		For Seal Class B, Add	*16.25*	
		For Seal Class A, Add	*34.66*	
		For Work In Restricted Working Space, Add	*32.49*	
23 31 13 13-0343	LF	16" x 20", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	135.34	68.80
		For Seal Class B, Add	*17.20*	
		For Seal Class A, Add	*36.69*	
		For Work In Restricted Working Space, Add	*34.40*	
23 31 13 13-0344	LF	16" x 22", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	142.86	72.62
		For Seal Class B, Add	*18.16*	
		For Seal Class A, Add	*38.73*	
		For Work In Restricted Working Space, Add	*36.31*	
23 31 13 13-0345	LF	16" x 24", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	150.38	76.45
		For Seal Class B, Add	*19.11*	
		For Seal Class A, Add	*40.77*	
		For Work In Restricted Working Space, Add	*38.22*	
23 31 13 13-0346	LF	16" x 26", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	157.90	80.28
		For Seal Class B, Add	*20.07*	
		For Seal Class A, Add	*42.81*	
		For Work In Restricted Working Space, Add	*40.13*	
23 31 13 13-0347	LF	16" x 28", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	165.41	84.09
		For Seal Class B, Add	*21.02*	
		For Seal Class A, Add	*44.85*	
		For Work In Restricted Working Space, Add	*42.05*	
23 31 13 13-0348	LF	16" x 30", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	172.93	87.91
		For Seal Class B, Add	*21.98*	
		For Seal Class A, Add	*46.89*	
		For Work In Restricted Working Space, Add	*43.96*	
23 31 13 13-0349	LF	16" x 32", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	180.45	91.74
		For Seal Class B, Add	*22.93*	
		For Seal Class A, Add	*48.92*	
		For Work In Restricted Working Space, Add	*45.87*	
23 31 13 13-0350	LF	16" x 34", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	187.97	95.56
		For Seal Class B, Add	*23.89*	
		For Seal Class A, Add	*50.96*	
		For Work In Restricted Working Space, Add	*47.78*	
23 31 13 13-0351	LF	16" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	195.50	99.38
		For Seal Class B, Add	*24.85*	
		For Seal Class A, Add	*53.00*	
		For Work In Restricted Working Space, Add	*49.69*	
23 31 13 13-0352	LF	16" x 38", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	203.02	103.21
		For Seal Class B, Add	*25.80*	
		For Seal Class A, Add	*55.04*	
		For Work In Restricted Working Space, Add	*51.60*	
23 31 13 13-0353	LF	16" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	210.52	107.02
		For Seal Class B, Add	*26.76*	
		For Seal Class A, Add	*57.08*	
		For Work In Restricted Working Space, Add	*53.51*	
23 31 13 13-0354	LF	16" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	218.04	110.84
		For Seal Class B, Add	*27.71*	
		For Seal Class A, Add	*59.12*	
		For Work In Restricted Working Space, Add	*55.42*	
23 31 13 13-0355	LF	16" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	225.57	114.67
		For Seal Class B, Add	*28.67*	
		For Seal Class A, Add	*61.16*	
		For Work In Restricted Working Space, Add	*57.34*	
23 31 13 13-0356	LF	18" x 18", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	135.34	68.80
		For Seal Class B, Add	*17.20*	
		For Seal Class A, Add	*36.69*	
		For Work In Restricted Working Space, Add	*34.40*	
23 31 13 13-0357	LF	18" x 20", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	142.86	72.62
		For Seal Class B, Add	*18.16*	
		For Seal Class A, Add	*38.73*	
		For Work In Restricted Working Space, Add	*36.31*	
23 31 13 13-0358	LF	18" x 22", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	150.38	76.45
		For Seal Class B, Add	*19.11*	
		For Seal Class A, Add	*40.77*	
		For Work In Restricted Working Space, Add	*38.22*	
23 31 13 13-0359	LF	18" x 24", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	157.90	80.28
		For Seal Class B, Add	*20.07*	
		For Seal Class A, Add	*42.81*	
		For Work In Restricted Working Space, Add	*40.13*	
23 31 13 13-0360	LF	18" x 26", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	165.41	84.09
		For Seal Class B, Add	*21.02*	
		For Seal Class A, Add	*44.85*	
		For Work In Restricted Working Space, Add	*42.05*	
23 31 13 13-0361	LF	18" x 28", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	172.93	87.91
		For Seal Class B, Add	*21.98*	
		For Seal Class A, Add	*46.89*	
		For Work In Restricted Working Space, Add	*43.96*	
23 31 13 13-0362	LF	18" x 30", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	180.45	91.74
		For Seal Class B, Add	*22.93*	
		For Seal Class A, Add	*48.92*	
		For Work In Restricted Working Space, Add	*45.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0363	LF	18" x 32", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	187.97	95.56
		For Seal Class B, Add	*23.89*	
		For Seal Class A, Add	*50.96*	
		For Work In Restricted Working Space, Add	*47.78*	
23 31 13 13-0364	LF	18" x 34", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	195.50	99.38
		For Seal Class B, Add	*24.85*	
		For Seal Class A, Add	*53.00*	
		For Work In Restricted Working Space, Add	*49.69*	
23 31 13 13-0365	LF	18" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	203.02	103.21
		For Seal Class B, Add	*25.80*	
		For Seal Class A, Add	*55.04*	
		For Work In Restricted Working Space, Add	*51.60*	
23 31 13 13-0366	LF	18" x 38", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	210.52	107.02
		For Seal Class B, Add	*26.76*	
		For Seal Class A, Add	*57.08*	
		For Work In Restricted Working Space, Add	*53.51*	
23 31 13 13-0367	LF	18" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	218.04	110.84
		For Seal Class B, Add	*27.71*	
		For Seal Class A, Add	*59.12*	
		For Work In Restricted Working Space, Add	*55.42*	
23 31 13 13-0368	LF	18" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	225.57	114.67
		For Seal Class B, Add	*28.67*	
		For Seal Class A, Add	*61.16*	
		For Work In Restricted Working Space, Add	*57.34*	
23 31 13 13-0369	LF	18" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	233.09	118.49
		For Seal Class B, Add	*29.62*	
		For Seal Class A, Add	*63.20*	
		For Work In Restricted Working Space, Add	*59.25*	
23 31 13 13-0370	LF	18" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	240.61	122.32
		For Seal Class B, Add	*30.58*	
		For Seal Class A, Add	*65.24*	
		For Work In Restricted Working Space, Add	*61.16*	
23 31 13 13-0371	LF	20" x 20", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	150.38	76.45
		For Seal Class B, Add	*19.11*	
		For Seal Class A, Add	*40.77*	
		For Work In Restricted Working Space, Add	*38.22*	
23 31 13 13-0372	LF	20" x 22", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	157.90	80.28
		For Seal Class B, Add	*20.07*	
		For Seal Class A, Add	*42.81*	
		For Work In Restricted Working Space, Add	*40.13*	
23 31 13 13-0373	LF	20" x 24", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	165.41	84.09
		For Seal Class B, Add	*21.02*	
		For Seal Class A, Add	*44.85*	
		For Work In Restricted Working Space, Add	*42.05*	
23 31 13 13-0374	LF	20" x 26", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	172.93	87.91
		For Seal Class B, Add	*21.98*	
		For Seal Class A, Add	*46.89*	
		For Work In Restricted Working Space, Add	*43.96*	
23 31 13 13-0375	LF	20" x 28", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	180.45	91.74
		For Seal Class B, Add	*22.93*	
		For Seal Class A, Add	*48.92*	
		For Work In Restricted Working Space, Add	*45.87*	
23 31 13 13-0376	LF	20" x 30", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	187.97	95.56
		For Seal Class B, Add	*23.89*	
		For Seal Class A, Add	*50.96*	
		For Work In Restricted Working Space, Add	*47.78*	
23 31 13 13-0377	LF	20" x 32", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	195.50	99.38
		For Seal Class B, Add	*24.85*	
		For Seal Class A, Add	*53.00*	
		For Work In Restricted Working Space, Add	*49.69*	
23 31 13 13-0378	LF	20" x 34", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	203.02	103.21
		For Seal Class B, Add	*25.80*	
		For Seal Class A, Add	*55.04*	
		For Work In Restricted Working Space, Add	*51.60*	
23 31 13 13-0379	LF	20" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	210.52	107.02
		For Seal Class B, Add	*26.76*	
		For Seal Class A, Add	*57.08*	
		For Work In Restricted Working Space, Add	*53.51*	
23 31 13 13-0380	LF	20" x 38", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	218.04	110.84
		For Seal Class B, Add	*27.71*	
		For Seal Class A, Add	*59.12*	
		For Work In Restricted Working Space, Add	*55.42*	
23 31 13 13-0381	LF	20" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	225.57	114.67
		For Seal Class B, Add	*28.67*	
		For Seal Class A, Add	*61.16*	
		For Work In Restricted Working Space, Add	*57.34*	
23 31 13 13-0382	LF	20" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	233.09	118.49
		For Seal Class B, Add	*29.62*	
		For Seal Class A, Add	*63.20*	
		For Work In Restricted Working Space, Add	*59.25*	
23 31 13 13-0383	LF	20" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	240.61	122.32
		For Seal Class B, Add	*30.58*	
		For Seal Class A, Add	*65.24*	
		For Work In Restricted Working Space, Add	*61.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0384	LF	20" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	248.13	126.14
		For Seal Class B, Add	*31.53*	
		For Seal Class A, Add	*67.27*	
		For Work In Restricted Working Space, Add	*63.07*	
23 31 13 13-0385	LF	20" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	255.64	129.96
		For Seal Class B, Add	*32.49*	
		For Seal Class A, Add	*69.31*	
		For Work In Restricted Working Space, Add	*64.98*	
23 31 13 13-0386	LF	22" x 22", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	165.41	84.09
		For Seal Class B, Add	*21.02*	
		For Seal Class A, Add	*44.85*	
		For Work In Restricted Working Space, Add	*42.05*	
23 31 13 13-0387	LF	22" x 24", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	172.93	87.91
		For Seal Class B, Add	*21.98*	
		For Seal Class A, Add	*46.89*	
		For Work In Restricted Working Space, Add	*43.96*	
23 31 13 13-0388	LF	22" x 26", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	180.45	91.74
		For Seal Class B, Add	*22.93*	
		For Seal Class A, Add	*48.92*	
		For Work In Restricted Working Space, Add	*45.87*	
23 31 13 13-0389	LF	22" x 28", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	187.97	95.56
		For Seal Class B, Add	*23.89*	
		For Seal Class A, Add	*50.96*	
		For Work In Restricted Working Space, Add	*47.78*	
23 31 13 13-0390	LF	22" x 30", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	195.50	99.38
		For Seal Class B, Add	*24.85*	
		For Seal Class A, Add	*53.00*	
		For Work In Restricted Working Space, Add	*49.69*	
23 31 13 13-0391	LF	22" x 32", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	203.02	103.21
		For Seal Class B, Add	*25.80*	
		For Seal Class A, Add	*55.04*	
		For Work In Restricted Working Space, Add	*51.60*	
23 31 13 13-0392	LF	22" x 34", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	210.52	107.02
		For Seal Class B, Add	*26.76*	
		For Seal Class A, Add	*57.08*	
		For Work In Restricted Working Space, Add	*53.51*	
23 31 13 13-0393	LF	22" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	218.04	110.84
		For Seal Class B, Add	*27.71*	
		For Seal Class A, Add	*59.12*	
		For Work In Restricted Working Space, Add	*55.42*	
23 31 13 13-0394	LF	22" x 38", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	225.57	114.67
		For Seal Class B, Add	*28.67*	
		For Seal Class A, Add	*61.16*	
		For Work In Restricted Working Space, Add	*57.34*	
23 31 13 13-0395	LF	22" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	233.09	118.49
		For Seal Class B, Add	*29.62*	
		For Seal Class A, Add	*63.20*	
		For Work In Restricted Working Space, Add	*59.25*	
23 31 13 13-0396	LF	22" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	240.61	122.32
		For Seal Class B, Add	*30.58*	
		For Seal Class A, Add	*65.24*	
		For Work In Restricted Working Space, Add	*61.16*	
23 31 13 13-0397	LF	22" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	248.13	126.14
		For Seal Class B, Add	*31.53*	
		For Seal Class A, Add	*67.27*	
		For Work In Restricted Working Space, Add	*63.07*	
23 31 13 13-0398	LF	22" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	255.64	129.96
		For Seal Class B, Add	*32.49*	
		For Seal Class A, Add	*69.31*	
		For Work In Restricted Working Space, Add	*64.98*	
23 31 13 13-0399	LF	22" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	263.15	133.78
		For Seal Class B, Add	*33.44*	
		For Seal Class A, Add	*71.35*	
		For Work In Restricted Working Space, Add	*66.89*	
23 31 13 13-0400	LF	24" x 24", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	180.45	91.74
		For Seal Class B, Add	*22.93*	
		For Seal Class A, Add	*48.92*	
		For Work In Restricted Working Space, Add	*45.87*	
23 31 13 13-0401	LF	24" x 26", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	187.97	95.56
		For Seal Class B, Add	*23.89*	
		For Seal Class A, Add	*50.96*	
		For Work In Restricted Working Space, Add	*47.78*	
23 31 13 13-0402	LF	24" x 28", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	195.50	99.38
		For Seal Class B, Add	*24.85*	
		For Seal Class A, Add	*53.00*	
		For Work In Restricted Working Space, Add	*49.69*	
23 31 13 13-0403	LF	24" x 30", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	203.02	103.21
		For Seal Class B, Add	*25.80*	
		For Seal Class A, Add	*55.04*	
		For Work In Restricted Working Space, Add	*51.60*	
23 31 13 13-0404	LF	24" x 32", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	210.52	107.02
		For Seal Class B, Add	*26.76*	
		For Seal Class A, Add	*57.08*	
		For Work In Restricted Working Space, Add	*53.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0405	LF	24" x 34", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	218.04	110.84
		For Seal Class B, Add	*27.71*	
		For Seal Class A, Add	*59.12*	
		For Work In Restricted Working Space, Add	*55.42*	
23 31 13 13-0406	LF	24" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	225.57	114.67
		For Seal Class B, Add	*28.67*	
		For Seal Class A, Add	*61.16*	
		For Work In Restricted Working Space, Add	*57.34*	
23 31 13 13-0407	LF	24" x 38", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	233.09	118.49
		For Seal Class B, Add	*29.62*	
		For Seal Class A, Add	*63.20*	
		For Work In Restricted Working Space, Add	*59.25*	
23 31 13 13-0408	LF	24" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	240.61	122.32
		For Seal Class B, Add	*30.58*	
		For Seal Class A, Add	*65.24*	
		For Work In Restricted Working Space, Add	*61.16*	
23 31 13 13-0409	LF	24" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	248.13	126.14
		For Seal Class B, Add	*31.53*	
		For Seal Class A, Add	*67.27*	
		For Work In Restricted Working Space, Add	*63.07*	
23 31 13 13-0410	LF	24" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	255.64	129.96
		For Seal Class B, Add	*32.49*	
		For Seal Class A, Add	*69.31*	
		For Work In Restricted Working Space, Add	*64.98*	
23 31 13 13-0411	LF	24" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	263.15	133.78
		For Seal Class B, Add	*33.44*	
		For Seal Class A, Add	*71.35*	
		For Work In Restricted Working Space, Add	*66.89*	
23 31 13 13-0412	LF	24" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	270.67	137.60
		For Seal Class B, Add	*34.40*	
		For Seal Class A, Add	*73.39*	
		For Work In Restricted Working Space, Add	*68.80*	
23 31 13 13-0413	LF	26" x 26", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	195.50	99.38
		For Seal Class B, Add	*24.85*	
		For Seal Class A, Add	*53.00*	
		For Work In Restricted Working Space, Add	*49.69*	
23 31 13 13-0414	LF	26" x 28", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	203.02	103.21
		For Seal Class B, Add	*25.80*	
		For Seal Class A, Add	*55.04*	
		For Work In Restricted Working Space, Add	*51.60*	
23 31 13 13-0415	LF	26" x 30", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	210.52	107.02
		For Seal Class B, Add	*26.76*	
		For Seal Class A, Add	*57.08*	
		For Work In Restricted Working Space, Add	*53.51*	
23 31 13 13-0416	LF	26" x 32", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	218.04	110.84
		For Seal Class B, Add	*27.71*	
		For Seal Class A, Add	*59.12*	
		For Work In Restricted Working Space, Add	*55.42*	
23 31 13 13-0417	LF	26" x 34", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	225.57	114.67
		For Seal Class B, Add	*28.67*	
		For Seal Class A, Add	*61.16*	
		For Work In Restricted Working Space, Add	*57.34*	
23 31 13 13-0418	LF	26" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	233.09	118.49
		For Seal Class B, Add	*29.62*	
		For Seal Class A, Add	*63.20*	
		For Work In Restricted Working Space, Add	*59.25*	
23 31 13 13-0419	LF	26" x 38", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	240.61	122.32
		For Seal Class B, Add	*30.58*	
		For Seal Class A, Add	*65.24*	
		For Work In Restricted Working Space, Add	*61.16*	
23 31 13 13-0420	LF	26" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	248.13	126.14
		For Seal Class B, Add	*31.53*	
		For Seal Class A, Add	*67.27*	
		For Work In Restricted Working Space, Add	*63.07*	
23 31 13 13-0421	LF	26" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	255.64	129.96
		For Seal Class B, Add	*32.49*	
		For Seal Class A, Add	*69.31*	
		For Work In Restricted Working Space, Add	*64.98*	
23 31 13 13-0422	LF	26" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	263.15	133.78
		For Seal Class B, Add	*33.44*	
		For Seal Class A, Add	*71.35*	
		For Work In Restricted Working Space, Add	*66.89*	
23 31 13 13-0423	LF	26" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	270.67	137.60
		For Seal Class B, Add	*34.40*	
		For Seal Class A, Add	*73.39*	
		For Work In Restricted Working Space, Add	*68.80*	
23 31 13 13-0424	LF	26" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	278.21	141.43
		For Seal Class B, Add	*35.36*	
		For Seal Class A, Add	*75.43*	
		For Work In Restricted Working Space, Add	*70.72*	
23 31 13 13-0425	LF	28" x 28", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	210.52	107.02
		For Seal Class B, Add	*26.76*	
		For Seal Class A, Add	*57.08*	
		For Work In Restricted Working Space, Add	*53.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0426	LF	28" x 30", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	218.04	110.84
		For Seal Class B, Add	*27.71*	
		For Seal Class A, Add	*59.12*	
		For Work In Restricted Working Space, Add	*55.42*	
23 31 13 13-0427	LF	28" x 32", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	225.57	114.67
		For Seal Class B, Add	*28.67*	
		For Seal Class A, Add	*61.16*	
		For Work In Restricted Working Space, Add	*57.34*	
23 31 13 13-0428	LF	28" x 34", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	233.09	118.49
		For Seal Class B, Add	*29.62*	
		For Seal Class A, Add	*63.20*	
		For Work In Restricted Working Space, Add	*59.25*	
23 31 13 13-0429	LF	28" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	240.61	122.32
		For Seal Class B, Add	*30.58*	
		For Seal Class A, Add	*65.24*	
		For Work In Restricted Working Space, Add	*61.16*	
23 31 13 13-0430	LF	28" x 38", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	248.13	126.14
		For Seal Class B, Add	*31.53*	
		For Seal Class A, Add	*67.27*	
		For Work In Restricted Working Space, Add	*63.07*	
23 31 13 13-0431	LF	28" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	255.64	129.96
		For Seal Class B, Add	*32.49*	
		For Seal Class A, Add	*69.31*	
		For Work In Restricted Working Space, Add	*64.98*	
23 31 13 13-0432	LF	28" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	263.15	133.78
		For Seal Class B, Add	*33.44*	
		For Seal Class A, Add	*71.35*	
		For Work In Restricted Working Space, Add	*66.89*	
23 31 13 13-0433	LF	28" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	270.67	137.60
		For Seal Class B, Add	*34.40*	
		For Seal Class A, Add	*73.39*	
		For Work In Restricted Working Space, Add	*68.80*	
23 31 13 13-0434	LF	28" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	278.21	141.43
		For Seal Class B, Add	*35.36*	
		For Seal Class A, Add	*75.43*	
		For Work In Restricted Working Space, Add	*70.72*	
23 31 13 13-0435	LF	28" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	285.73	145.25
		For Seal Class B, Add	*36.31*	
		For Seal Class A, Add	*77.47*	
		For Work In Restricted Working Space, Add	*72.63*	
23 31 13 13-0436	LF	30" x 30", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	225.57	114.67
		For Seal Class B, Add	*28.67*	
		For Seal Class A, Add	*61.16*	
		For Work In Restricted Working Space, Add	*57.34*	
23 31 13 13-0437	LF	30" x 32", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	233.09	118.49
		For Seal Class B, Add	*29.62*	
		For Seal Class A, Add	*63.20*	
		For Work In Restricted Working Space, Add	*59.25*	
23 31 13 13-0438	LF	30" x 34", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	240.61	122.32
		For Seal Class B, Add	*30.58*	
		For Seal Class A, Add	*65.24*	
		For Work In Restricted Working Space, Add	*61.16*	
23 31 13 13-0439	LF	30" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	248.13	126.14
		For Seal Class B, Add	*31.53*	
		For Seal Class A, Add	*67.27*	
		For Work In Restricted Working Space, Add	*63.07*	
23 31 13 13-0440	LF	30" x 38", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	255.64	129.96
		For Seal Class B, Add	*32.49*	
		For Seal Class A, Add	*69.31*	
		For Work In Restricted Working Space, Add	*64.98*	
23 31 13 13-0441	LF	30" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	263.15	133.78
		For Seal Class B, Add	*33.44*	
		For Seal Class A, Add	*71.35*	
		For Work In Restricted Working Space, Add	*66.89*	
23 31 13 13-0442	LF	30" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	270.67	137.60
		For Seal Class B, Add	*34.40*	
		For Seal Class A, Add	*73.39*	
		For Work In Restricted Working Space, Add	*68.80*	
23 31 13 13-0443	LF	30" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	278.21	141.43
		For Seal Class B, Add	*35.36*	
		For Seal Class A, Add	*75.43*	
		For Work In Restricted Working Space, Add	*70.72*	
23 31 13 13-0444	LF	30" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	285.73	145.25
		For Seal Class B, Add	*36.31*	
		For Seal Class A, Add	*77.47*	
		For Work In Restricted Working Space, Add	*72.63*	
23 31 13 13-0445	LF	30" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	293.24	149.08
		For Seal Class B, Add	*37.27*	
		For Seal Class A, Add	*79.50*	
		For Work In Restricted Working Space, Add	*74.54*	
23 31 13 13-0446	LF	32" x 32", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	240.61	122.32
		For Seal Class B, Add	*30.58*	
		For Seal Class A, Add	*65.24*	
		For Work In Restricted Working Space, Add	*61.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0447	LF	32" x 34", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	248.13	126.14
		For Seal Class B, Add	*31.53*	
		For Seal Class A, Add	*67.27*	
		For Work In Restricted Working Space, Add	*63.07*	
23 31 13 13-0448	LF	32" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	255.64	129.96
		For Seal Class B, Add	*32.49*	
		For Seal Class A, Add	*69.31*	
		For Work In Restricted Working Space, Add	*64.98*	
23 31 13 13-0449	LF	32" x 38", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	263.15	133.78
		For Seal Class B, Add	*33.44*	
		For Seal Class A, Add	*71.35*	
		For Work In Restricted Working Space, Add	*66.89*	
23 31 13 13-0450	LF	32" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	270.67	137.60
		For Seal Class B, Add	*34.40*	
		For Seal Class A, Add	*73.39*	
		For Work In Restricted Working Space, Add	*68.80*	
23 31 13 13-0451	LF	32" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	278.21	141.43
		For Seal Class B, Add	*35.36*	
		For Seal Class A, Add	*75.43*	
		For Work In Restricted Working Space, Add	*70.72*	
23 31 13 13-0452	LF	32" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	285.73	145.25
		For Seal Class B, Add	*36.31*	
		For Seal Class A, Add	*77.47*	
		For Work In Restricted Working Space, Add	*72.63*	
23 31 13 13-0453	LF	32" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	293.24	149.08
		For Seal Class B, Add	*37.27*	
		For Seal Class A, Add	*79.50*	
		For Work In Restricted Working Space, Add	*74.54*	
23 31 13 13-0454	LF	32" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	300.75	152.89
		For Seal Class B, Add	*38.22*	
		For Seal Class A, Add	*81.54*	
		For Work In Restricted Working Space, Add	*76.45*	
23 31 13 13-0455	LF	34" x 34", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	255.64	129.96
		For Seal Class B, Add	*32.49*	
		For Seal Class A, Add	*69.31*	
		For Work In Restricted Working Space, Add	*64.98*	
23 31 13 13-0456	LF	34" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	263.15	133.78
		For Seal Class B, Add	*33.44*	
		For Seal Class A, Add	*71.35*	
		For Work In Restricted Working Space, Add	*66.89*	
23 31 13 13-0457	LF	34" x 38", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	270.67	137.60
		For Seal Class B, Add	*34.40*	
		For Seal Class A, Add	*73.39*	
		For Work In Restricted Working Space, Add	*68.80*	
23 31 13 13-0458	LF	34" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	278.21	141.43
		For Seal Class B, Add	*35.36*	
		For Seal Class A, Add	*75.43*	
		For Work In Restricted Working Space, Add	*70.72*	
23 31 13 13-0459	LF	34" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	285.73	145.25
		For Seal Class B, Add	*36.31*	
		For Seal Class A, Add	*77.47*	
		For Work In Restricted Working Space, Add	*72.63*	
23 31 13 13-0460	LF	34" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	293.24	149.08
		For Seal Class B, Add	*37.27*	
		For Seal Class A, Add	*79.50*	
		For Work In Restricted Working Space, Add	*74.54*	
23 31 13 13-0461	LF	34" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	300.75	152.89
		For Seal Class B, Add	*38.22*	
		For Seal Class A, Add	*81.54*	
		For Work In Restricted Working Space, Add	*76.45*	
23 31 13 13-0462	LF	34" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	308.27	156.71
		For Seal Class B, Add	*39.18*	
		For Seal Class A, Add	*83.58*	
		For Work In Restricted Working Space, Add	*78.36*	
23 31 13 13-0463	LF	36" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	270.67	137.60
		For Seal Class B, Add	*34.40*	
		For Seal Class A, Add	*73.39*	
		For Work In Restricted Working Space, Add	*68.80*	
23 31 13 13-0464	LF	36" x 38", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	278.21	141.43
		For Seal Class B, Add	*35.36*	
		For Seal Class A, Add	*75.43*	
		For Work In Restricted Working Space, Add	*70.72*	
23 31 13 13-0465	LF	36" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	285.73	145.25
		For Seal Class B, Add	*36.31*	
		For Seal Class A, Add	*77.47*	
		For Work In Restricted Working Space, Add	*72.63*	
23 31 13 13-0466	LF	36" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	293.24	149.08
		For Seal Class B, Add	*37.27*	
		For Seal Class A, Add	*79.50*	
		For Work In Restricted Working Space, Add	*74.54*	
23 31 13 13-0467	LF	36" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	300.75	152.89
		For Seal Class B, Add	*38.22*	
		For Seal Class A, Add	*81.54*	
		For Work In Restricted Working Space, Add	*76.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0468	LF	36" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	308.27	156.71
		For Seal Class B, Add	*39.18*	
		For Seal Class A, Add	*83.58*	
		For Work In Restricted Working Space, Add	*78.36*	
23 31 13 13-0469	LF	36" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	315.78	160.54
		For Seal Class B, Add	*40.13*	
		For Seal Class A, Add	*85.62*	
		For Work In Restricted Working Space, Add	*80.27*	
23 31 13 13-0470	LF	38" x 38", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	285.73	145.25
		For Seal Class B, Add	*36.31*	
		For Seal Class A, Add	*77.47*	
		For Work In Restricted Working Space, Add	*72.63*	
23 31 13 13-0471	LF	38" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	293.24	149.08
		For Seal Class B, Add	*37.27*	
		For Seal Class A, Add	*79.50*	
		For Work In Restricted Working Space, Add	*74.54*	
23 31 13 13-0472	LF	38" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	300.75	152.89
		For Seal Class B, Add	*38.22*	
		For Seal Class A, Add	*81.54*	
		For Work In Restricted Working Space, Add	*76.45*	
23 31 13 13-0473	LF	38" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	308.27	156.71
		For Seal Class B, Add	*39.18*	
		For Seal Class A, Add	*83.58*	
		For Work In Restricted Working Space, Add	*78.36*	
23 31 13 13-0474	LF	38" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	315.78	160.54
		For Seal Class B, Add	*40.13*	
		For Seal Class A, Add	*85.62*	
		For Work In Restricted Working Space, Add	*80.27*	
23 31 13 13-0475	LF	38" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	323.32	164.36
		For Seal Class B, Add	*41.09*	
		For Seal Class A, Add	*87.66*	
		For Work In Restricted Working Space, Add	*82.18*	
23 31 13 13-0476	LF	38" x 50", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	330.84	168.18
		For Seal Class B, Add	*42.05*	
		For Seal Class A, Add	*89.70*	
		For Work In Restricted Working Space, Add	*84.09*	
23 31 13 13-0477	LF	40" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	300.75	152.89
		For Seal Class B, Add	*38.22*	
		For Seal Class A, Add	*81.54*	
		For Work In Restricted Working Space, Add	*76.45*	
23 31 13 13-0478	LF	40" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	308.27	156.71
		For Seal Class B, Add	*39.18*	
		For Seal Class A, Add	*83.58*	
		For Work In Restricted Working Space, Add	*78.36*	
23 31 13 13-0479	LF	40" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	315.78	160.54
		For Seal Class B, Add	*40.13*	
		For Seal Class A, Add	*85.62*	
		For Work In Restricted Working Space, Add	*80.27*	
23 31 13 13-0480	LF	40" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	323.32	164.36
		For Seal Class B, Add	*41.09*	
		For Seal Class A, Add	*87.66*	
		For Work In Restricted Working Space, Add	*82.18*	
23 31 13 13-0481	LF	40" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	330.84	168.18
		For Seal Class B, Add	*42.05*	
		For Seal Class A, Add	*89.70*	
		For Work In Restricted Working Space, Add	*84.09*	
23 31 13 13-0482	LF	40" x 50", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	338.36	172.01
		For Seal Class B, Add	*43.00*	
		For Seal Class A, Add	*91.74*	
		For Work In Restricted Working Space, Add	*86.00*	
23 31 13 13-0483	LF	40" x 52", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	345.86	175.83
		For Seal Class B, Add	*43.96*	
		For Seal Class A, Add	*93.77*	
		For Work In Restricted Working Space, Add	*87.91*	
23 31 13 13-0484	LF	40" x 54", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	353.38	179.64
		For Seal Class B, Add	*44.91*	
		For Seal Class A, Add	*95.81*	
		For Work In Restricted Working Space, Add	*89.82*	
23 31 13 13-0485	LF	42" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	315.78	160.54
		For Seal Class B, Add	*40.13*	
		For Seal Class A, Add	*85.62*	
		For Work In Restricted Working Space, Add	*80.27*	
23 31 13 13-0486	LF	42" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	323.32	164.36
		For Seal Class B, Add	*41.09*	
		For Seal Class A, Add	*87.66*	
		For Work In Restricted Working Space, Add	*82.18*	
23 31 13 13-0487	LF	42" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	330.84	168.18
		For Seal Class B, Add	*42.05*	
		For Seal Class A, Add	*89.70*	
		For Work In Restricted Working Space, Add	*84.09*	
23 31 13 13-0488	LF	42" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	338.36	172.01
		For Seal Class B, Add	*43.00*	
		For Seal Class A, Add	*91.74*	
		For Work In Restricted Working Space, Add	*86.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0489	LF	42" x 50", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	345.86	175.83
		For Seal Class B, Add	*43.96*	
		For Seal Class A, Add	*93.77*	
		For Work In Restricted Working Space, Add	*87.91*	
23 31 13 13-0490	LF	42" x 52", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	353.38	179.64
		For Seal Class B, Add	*44.91*	
		For Seal Class A, Add	*95.81*	
		For Work In Restricted Working Space, Add	*89.82*	
23 31 13 13-0491	LF	42" x 54", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	360.91	183.47
		For Seal Class B, Add	*45.87*	
		For Seal Class A, Add	*97.85*	
		For Work In Restricted Working Space, Add	*91.74*	
23 31 13 13-0492	LF	44" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	330.84	168.18
		For Seal Class B, Add	*42.05*	
		For Seal Class A, Add	*89.70*	
		For Work In Restricted Working Space, Add	*84.09*	
23 31 13 13-0493	LF	44" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	338.36	172.01
		For Seal Class B, Add	*43.00*	
		For Seal Class A, Add	*91.74*	
		For Work In Restricted Working Space, Add	*86.00*	
23 31 13 13-0494	LF	44" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	345.86	175.83
		For Seal Class B, Add	*43.96*	
		For Seal Class A, Add	*93.77*	
		For Work In Restricted Working Space, Add	*87.91*	
23 31 13 13-0495	LF	44" x 50", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	353.38	179.64
		For Seal Class B, Add	*44.91*	
		For Seal Class A, Add	*95.81*	
		For Work In Restricted Working Space, Add	*89.82*	
23 31 13 13-0496	LF	44" x 52", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	360.91	183.47
		For Seal Class B, Add	*45.87*	
		For Seal Class A, Add	*97.85*	
		For Work In Restricted Working Space, Add	*91.74*	
23 31 13 13-0497	LF	44" x 54", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	368.42	187.30
		For Seal Class B, Add	*46.82*	
		For Seal Class A, Add	*99.89*	
		For Work In Restricted Working Space, Add	*93.65*	
23 31 13 13-0498	LF	46" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	345.86	175.83
		For Seal Class B, Add	*43.96*	
		For Seal Class A, Add	*93.77*	
		For Work In Restricted Working Space, Add	*87.91*	
23 31 13 13-0499	LF	46" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	353.38	179.64
		For Seal Class B, Add	*44.91*	
		For Seal Class A, Add	*95.81*	
		For Work In Restricted Working Space, Add	*89.82*	
23 31 13 13-0500	LF	46" x 50", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	360.91	183.47
		For Seal Class B, Add	*45.87*	
		For Seal Class A, Add	*97.85*	
		For Work In Restricted Working Space, Add	*91.74*	
23 31 13 13-0501	LF	46" x 52", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	368.42	187.30
		For Seal Class B, Add	*46.82*	
		For Seal Class A, Add	*99.89*	
		For Work In Restricted Working Space, Add	*93.65*	
23 31 13 13-0502	LF	46" x 54", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	375.95	191.12
		For Seal Class B, Add	*47.78*	
		For Seal Class A, Add	*101.93*	
		For Work In Restricted Working Space, Add	*95.56*	
23 31 13 13-0503	LF	48" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	360.91	183.47
		For Seal Class B, Add	*45.87*	
		For Seal Class A, Add	*97.85*	
		For Work In Restricted Working Space, Add	*91.74*	
23 31 13 13-0504	LF	48" x 50", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	368.42	187.30
		For Seal Class B, Add	*46.82*	
		For Seal Class A, Add	*99.89*	
		For Work In Restricted Working Space, Add	*93.65*	
23 31 13 13-0505	LF	48" x 52", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	375.95	191.12
		For Seal Class B, Add	*47.78*	
		For Seal Class A, Add	*101.93*	
		For Work In Restricted Working Space, Add	*95.56*	
23 31 13 13-0506	LF	48" x 54", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	383.47	194.94
		For Seal Class B, Add	*48.74*	
		For Seal Class A, Add	*103.97*	
		For Work In Restricted Working Space, Add	*97.47*	
23 31 13 13-0507	LF	50" x 50", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	375.95	191.12
		For Seal Class B, Add	*47.78*	
		For Seal Class A, Add	*101.93*	
		For Work In Restricted Working Space, Add	*95.56*	
23 31 13 13-0508	LF	50" x 52", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	383.47	194.94
		For Seal Class B, Add	*48.74*	
		For Seal Class A, Add	*103.97*	
		For Work In Restricted Working Space, Add	*97.47*	
23 31 13 13-0509	LF	50" x 54", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	390.98	198.76
		For Seal Class B, Add	*49.69*	
		For Seal Class A, Add	*106.01*	
		For Work In Restricted Working Space, Add	*99.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0510	LF	52" x 52", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	390.98	198.76
		For Seal Class B, Add	*49.69*	
		For Seal Class A, Add	*106.01*	
		For Work In Restricted Working Space, Add	*99.38*	
23 31 13 13-0511	LF	52" x 54", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	398.49	202.59
		For Seal Class B, Add	*50.64*	
		For Seal Class A, Add	*108.04*	
		For Work In Restricted Working Space, Add	*101.29*	
23 31 13 13-0512	LF	54" x 54", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	406.02	206.40
		For Seal Class B, Add	*51.60*	
		For Seal Class A, Add	*110.08*	
		For Work In Restricted Working Space, Add	*103.20*	
23 31 13 13-0513		**20 Gauge Galvanized Steel Metal Ductwork** *(23 31 13 13-0014)*		
		Note: Seal Class C		
23 31 13 13-0514	LF	4" x 4", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	35.42	18.00
		For Seal Class B, Add	*4.50*	
		For Seal Class A, Add	*9.61*	
		For Work In Restricted Working Space, Add	*9.01*	
23 31 13 13-0515	LF	4" x 6", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	44.28	22.51
		For Seal Class B, Add	*5.63*	
		For Seal Class A, Add	*12.01*	
		For Work In Restricted Working Space, Add	*11.26*	
23 31 13 13-0516	LF	4" x 8", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	53.14	27.01
		For Seal Class B, Add	*6.75*	
		For Seal Class A, Add	*14.41*	
		For Work In Restricted Working Space, Add	*13.51*	
23 31 13 13-0517	LF	4" x 10", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	61.98	31.51
		For Seal Class B, Add	*7.88*	
		For Seal Class A, Add	*16.81*	
		For Work In Restricted Working Space, Add	*15.76*	
23 31 13 13-0518	LF	4" x 12", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	70.85	36.02
		For Seal Class B, Add	*9.00*	
		For Seal Class A, Add	*19.21*	
		For Work In Restricted Working Space, Add	*18.01*	
23 31 13 13-0519	LF	4" x 14", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	79.70	40.51
		For Seal Class B, Add	*10.13*	
		For Seal Class A, Add	*21.61*	
		For Work In Restricted Working Space, Add	*20.26*	
23 31 13 13-0520	LF	4" x 16", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	88.56	45.02
		For Seal Class B, Add	*11.26*	
		For Seal Class A, Add	*24.01*	
		For Work In Restricted Working Space, Add	*22.51*	
23 31 13 13-0521	LF	6" x 6", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	53.14	27.01
		For Seal Class B, Add	*6.75*	
		For Seal Class A, Add	*14.41*	
		For Work In Restricted Working Space, Add	*13.51*	
23 31 13 13-0522	LF	6" x 8", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	61.98	31.51
		For Seal Class B, Add	*7.88*	
		For Seal Class A, Add	*16.81*	
		For Work In Restricted Working Space, Add	*15.76*	
23 31 13 13-0523	LF	6" x 10", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	70.85	36.02
		For Seal Class B, Add	*9.00*	
		For Seal Class A, Add	*19.21*	
		For Work In Restricted Working Space, Add	*18.01*	
23 31 13 13-0524	LF	6" x 12", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	79.70	40.51
		For Seal Class B, Add	*10.13*	
		For Seal Class A, Add	*21.61*	
		For Work In Restricted Working Space, Add	*20.26*	
23 31 13 13-0525	LF	6" x 14", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	88.56	45.02
		For Seal Class B, Add	*11.26*	
		For Seal Class A, Add	*24.01*	
		For Work In Restricted Working Space, Add	*22.51*	
23 31 13 13-0526	LF	6" x 16", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	97.42	49.52
		For Seal Class B, Add	*12.38*	
		For Seal Class A, Add	*26.41*	
		For Work In Restricted Working Space, Add	*24.76*	
23 31 13 13-0527	LF	8" x 8", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	70.85	36.02
		For Seal Class B, Add	*9.00*	
		For Seal Class A, Add	*19.21*	
		For Work In Restricted Working Space, Add	*18.01*	
23 31 13 13-0528	LF	8" x 10", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	79.70	40.51
		For Seal Class B, Add	*10.13*	
		For Seal Class A, Add	*21.61*	
		For Work In Restricted Working Space, Add	*20.26*	
23 31 13 13-0529	LF	8" x 12", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	88.56	45.02
		For Seal Class B, Add	*11.26*	
		For Seal Class A, Add	*24.01*	
		For Work In Restricted Working Space, Add	*22.51*	
23 31 13 13-0530	LF	8" x 14", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	97.42	49.52
		For Seal Class B, Add	*12.38*	
		For Seal Class A, Add	*26.41*	
		For Work In Restricted Working Space, Add	*24.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0531	LF	8" x 16", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	106.26	54.02
		For Seal Class B, Add	*13.51*	
		For Seal Class A, Add	*28.81*	
		For Work In Restricted Working Space, Add	*27.01*	
23 31 13 13-0532	LF	8" x 18", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	115.12	58.52
		For Seal Class B, Add	*14.63*	
		For Seal Class A, Add	*31.21*	
		For Work In Restricted Working Space, Add	*29.26*	
23 31 13 13-0533	LF	8" x 20", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	123.99	63.03
		For Seal Class B, Add	*15.76*	
		For Seal Class A, Add	*33.62*	
		For Work In Restricted Working Space, Add	*31.52*	
23 31 13 13-0534	LF	8" x 22", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	132.82	67.52
		For Seal Class B, Add	*16.88*	
		For Seal Class A, Add	*36.01*	
		For Work In Restricted Working Space, Add	*33.76*	
23 31 13 13-0535	LF	8" x 24", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	141.69	72.03
		For Seal Class B, Add	*18.01*	
		For Seal Class A, Add	*38.42*	
		For Work In Restricted Working Space, Add	*36.02*	
23 31 13 13-0536	LF	10" x 10", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	88.56	45.02
		For Seal Class B, Add	*11.26*	
		For Seal Class A, Add	*24.01*	
		For Work In Restricted Working Space, Add	*22.51*	
23 31 13 13-0537	LF	10" x 12", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	97.42	49.52
		For Seal Class B, Add	*12.38*	
		For Seal Class A, Add	*26.41*	
		For Work In Restricted Working Space, Add	*24.76*	
23 31 13 13-0538	LF	10" x 14", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	106.26	54.02
		For Seal Class B, Add	*13.51*	
		For Seal Class A, Add	*28.81*	
		For Work In Restricted Working Space, Add	*27.01*	
23 31 13 13-0539	LF	10" x 16", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	115.12	58.52
		For Seal Class B, Add	*14.63*	
		For Seal Class A, Add	*31.21*	
		For Work In Restricted Working Space, Add	*29.26*	
23 31 13 13-0540	LF	10" x 18", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	123.99	63.03
		For Seal Class B, Add	*15.76*	
		For Seal Class A, Add	*33.62*	
		For Work In Restricted Working Space, Add	*31.52*	
23 31 13 13-0541	LF	10" x 20", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	132.82	67.52
		For Seal Class B, Add	*16.88*	
		For Seal Class A, Add	*36.01*	
		For Work In Restricted Working Space, Add	*33.76*	
23 31 13 13-0542	LF	10" x 22", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	141.69	72.03
		For Seal Class B, Add	*18.01*	
		For Seal Class A, Add	*38.42*	
		For Work In Restricted Working Space, Add	*36.02*	
23 31 13 13-0543	LF	10" x 24", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	150.57	76.53
		For Seal Class B, Add	*19.13*	
		For Seal Class A, Add	*40.82*	
		For Work In Restricted Working Space, Add	*38.27*	
23 31 13 13-0544	LF	10" x 26", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	159.40	81.04
		For Seal Class B, Add	*20.26*	
		For Seal Class A, Add	*43.22*	
		For Work In Restricted Working Space, Add	*40.52*	
23 31 13 13-0545	LF	10" x 28", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	168.28	85.53
		For Seal Class B, Add	*21.39*	
		For Seal Class A, Add	*45.62*	
		For Work In Restricted Working Space, Add	*42.77*	
23 31 13 13-0546	LF	10" x 30", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	177.10	90.04
		For Seal Class B, Add	*22.51*	
		For Seal Class A, Add	*48.02*	
		For Work In Restricted Working Space, Add	*45.02*	
23 31 13 13-0547	LF	10" x 32", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	185.97	94.54
		For Seal Class B, Add	*23.64*	
		For Seal Class A, Add	*50.42*	
		For Work In Restricted Working Space, Add	*47.27*	
23 31 13 13-0548	LF	12" x 12", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	106.26	54.02
		For Seal Class B, Add	*13.51*	
		For Seal Class A, Add	*28.81*	
		For Work In Restricted Working Space, Add	*27.01*	
23 31 13 13-0549	LF	12" x 14", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	115.12	58.52
		For Seal Class B, Add	*14.63*	
		For Seal Class A, Add	*31.21*	
		For Work In Restricted Working Space, Add	*29.26*	
23 31 13 13-0550	LF	12" x 16", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	123.99	63.03
		For Seal Class B, Add	*15.76*	
		For Seal Class A, Add	*33.62*	
		For Work In Restricted Working Space, Add	*31.52*	
23 31 13 13-0551	LF	12" x 18", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	132.82	67.52
		For Seal Class B, Add	*16.88*	
		For Seal Class A, Add	*36.01*	
		For Work In Restricted Working Space, Add	*33.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0552	LF	12" x 20", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	141.69	72.03
		For Seal Class B, Add	*18.01*	
		For Seal Class A, Add	*38.42*	
		For Work In Restricted Working Space, Add	*36.02*	
23 31 13 13-0553	LF	12" x 22", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	150.57	76.53
		For Seal Class B, Add	*19.13*	
		For Seal Class A, Add	*40.82*	
		For Work In Restricted Working Space, Add	*38.27*	
23 31 13 13-0554	LF	12" x 24", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	159.40	81.04
		For Seal Class B, Add	*20.26*	
		For Seal Class A, Add	*43.22*	
		For Work In Restricted Working Space, Add	*40.52*	
23 31 13 13-0555	LF	12" x 26", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	168.28	85.53
		For Seal Class B, Add	*21.39*	
		For Seal Class A, Add	*45.62*	
		For Work In Restricted Working Space, Add	*42.77*	
23 31 13 13-0556	LF	12" x 28", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	177.10	90.04
		For Seal Class B, Add	*22.51*	
		For Seal Class A, Add	*48.02*	
		For Work In Restricted Working Space, Add	*45.02*	
23 31 13 13-0557	LF	12" x 30", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	185.97	94.54
		For Seal Class B, Add	*23.64*	
		For Seal Class A, Add	*50.42*	
		For Work In Restricted Working Space, Add	*47.27*	
23 31 13 13-0558	LF	12" x 32", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	194.83	99.04
		For Seal Class B, Add	*24.76*	
		For Seal Class A, Add	*52.82*	
		For Work In Restricted Working Space, Add	*49.52*	
23 31 13 13-0559	LF	12" x 34", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	203.67	103.54
		For Seal Class B, Add	*25.89*	
		For Seal Class A, Add	*55.22*	
		For Work In Restricted Working Space, Add	*51.77*	
23 31 13 13-0560	LF	12" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	212.56	108.05
		For Seal Class B, Add	*27.01*	
		For Seal Class A, Add	*57.63*	
		For Work In Restricted Working Space, Add	*54.03*	
23 31 13 13-0561	LF	14" x 14", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	123.99	63.03
		For Seal Class B, Add	*15.76*	
		For Seal Class A, Add	*33.62*	
		For Work In Restricted Working Space, Add	*31.52*	
23 31 13 13-0562	LF	14" x 16", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	132.82	67.52
		For Seal Class B, Add	*16.88*	
		For Seal Class A, Add	*36.01*	
		For Work In Restricted Working Space, Add	*33.76*	
23 31 13 13-0563	LF	14" x 18", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	141.69	72.03
		For Seal Class B, Add	*18.01*	
		For Seal Class A, Add	*38.42*	
		For Work In Restricted Working Space, Add	*36.02*	
23 31 13 13-0564	LF	14" x 20", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	150.57	76.53
		For Seal Class B, Add	*19.13*	
		For Seal Class A, Add	*40.82*	
		For Work In Restricted Working Space, Add	*38.27*	
23 31 13 13-0565	LF	14" x 22", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	159.40	81.04
		For Seal Class B, Add	*20.26*	
		For Seal Class A, Add	*43.22*	
		For Work In Restricted Working Space, Add	*40.52*	
23 31 13 13-0566	LF	14" x 24", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	168.28	85.53
		For Seal Class B, Add	*21.39*	
		For Seal Class A, Add	*45.62*	
		For Work In Restricted Working Space, Add	*42.77*	
23 31 13 13-0567	LF	14" x 26", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	177.10	90.04
		For Seal Class B, Add	*22.51*	
		For Seal Class A, Add	*48.02*	
		For Work In Restricted Working Space, Add	*45.02*	
23 31 13 13-0568	LF	14" x 28", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	185.97	94.54
		For Seal Class B, Add	*23.64*	
		For Seal Class A, Add	*50.42*	
		For Work In Restricted Working Space, Add	*47.27*	
23 31 13 13-0569	LF	14" x 30", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	194.83	99.04
		For Seal Class B, Add	*24.76*	
		For Seal Class A, Add	*52.82*	
		For Work In Restricted Working Space, Add	*49.52*	
23 31 13 13-0570	LF	14" x 32", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	203.67	103.54
		For Seal Class B, Add	*25.89*	
		For Seal Class A, Add	*55.22*	
		For Work In Restricted Working Space, Add	*51.77*	
23 31 13 13-0571	LF	14" x 34", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	212.56	108.05
		For Seal Class B, Add	*27.01*	
		For Seal Class A, Add	*57.63*	
		For Work In Restricted Working Space, Add	*54.03*	
23 31 13 13-0572	LF	14" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	221.38	112.54
		For Seal Class B, Add	*28.14*	
		For Seal Class A, Add	*60.03*	
		For Work In Restricted Working Space, Add	*56.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0573	LF	16" x 16", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	141.69	72.03
		For Seal Class B, Add	*18.01*	
		For Seal Class A, Add	*38.42*	
		For Work In Restricted Working Space, Add	*36.02*	
23 31 13 13-0574	LF	16" x 18", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	150.57	76.53
		For Seal Class B, Add	*19.13*	
		For Seal Class A, Add	*40.82*	
		For Work In Restricted Working Space, Add	*38.27*	
23 31 13 13-0575	LF	16" x 20", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	159.40	81.04
		For Seal Class B, Add	*20.26*	
		For Seal Class A, Add	*43.22*	
		For Work In Restricted Working Space, Add	*40.52*	
23 31 13 13-0576	LF	16" x 22", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	168.28	85.53
		For Seal Class B, Add	*21.39*	
		For Seal Class A, Add	*45.62*	
		For Work In Restricted Working Space, Add	*42.77*	
23 31 13 13-0577	LF	16" x 24", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	177.10	90.04
		For Seal Class B, Add	*22.51*	
		For Seal Class A, Add	*48.02*	
		For Work In Restricted Working Space, Add	*45.02*	
23 31 13 13-0578	LF	16" x 26", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	185.97	94.54
		For Seal Class B, Add	*23.64*	
		For Seal Class A, Add	*50.42*	
		For Work In Restricted Working Space, Add	*47.27*	
23 31 13 13-0579	LF	16" x 28", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	194.83	99.04
		For Seal Class B, Add	*24.76*	
		For Seal Class A, Add	*52.82*	
		For Work In Restricted Working Space, Add	*49.52*	
23 31 13 13-0580	LF	16" x 30", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	203.67	103.54
		For Seal Class B, Add	*25.89*	
		For Seal Class A, Add	*55.22*	
		For Work In Restricted Working Space, Add	*51.77*	
23 31 13 13-0581	LF	16" x 32", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	212.56	108.05
		For Seal Class B, Add	*27.01*	
		For Seal Class A, Add	*57.63*	
		For Work In Restricted Working Space, Add	*54.03*	
23 31 13 13-0582	LF	16" x 34", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	221.38	112.54
		For Seal Class B, Add	*28.14*	
		For Seal Class A, Add	*60.03*	
		For Work In Restricted Working Space, Add	*56.27*	
23 31 13 13-0583	LF	16" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	230.25	117.06
		For Seal Class B, Add	*29.26*	
		For Seal Class A, Add	*62.43*	
		For Work In Restricted Working Space, Add	*58.53*	
23 31 13 13-0584	LF	16" x 38", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	239.12	121.55
		For Seal Class B, Add	*30.39*	
		For Seal Class A, Add	*64.83*	
		For Work In Restricted Working Space, Add	*60.78*	
23 31 13 13-0585	LF	16" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	247.95	126.05
		For Seal Class B, Add	*31.51*	
		For Seal Class A, Add	*67.23*	
		For Work In Restricted Working Space, Add	*63.03*	
23 31 13 13-0586	LF	16" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	256.82	130.56
		For Seal Class B, Add	*32.64*	
		For Seal Class A, Add	*69.63*	
		For Work In Restricted Working Space, Add	*65.28*	
23 31 13 13-0587	LF	16" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	265.69	135.06
		For Seal Class B, Add	*33.77*	
		For Seal Class A, Add	*72.03*	
		For Work In Restricted Working Space, Add	*67.53*	
23 31 13 13-0588	LF	18" x 18", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	159.40	81.04
		For Seal Class B, Add	*20.26*	
		For Seal Class A, Add	*43.22*	
		For Work In Restricted Working Space, Add	*40.52*	
23 31 13 13-0589	LF	18" x 20", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	168.28	85.53
		For Seal Class B, Add	*21.39*	
		For Seal Class A, Add	*45.62*	
		For Work In Restricted Working Space, Add	*42.77*	
23 31 13 13-0590	LF	18" x 22", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	177.10	90.04
		For Seal Class B, Add	*22.51*	
		For Seal Class A, Add	*48.02*	
		For Work In Restricted Working Space, Add	*45.02*	
23 31 13 13-0591	LF	18" x 24", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	185.97	94.54
		For Seal Class B, Add	*23.64*	
		For Seal Class A, Add	*50.42*	
		For Work In Restricted Working Space, Add	*47.27*	
23 31 13 13-0592	LF	18" x 26", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	194.83	99.04
		For Seal Class B, Add	*24.76*	
		For Seal Class A, Add	*52.82*	
		For Work In Restricted Working Space, Add	*49.52*	
23 31 13 13-0593	LF	18" x 28", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	203.67	103.54
		For Seal Class B, Add	*25.89*	
		For Seal Class A, Add	*55.22*	
		For Work In Restricted Working Space, Add	*51.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0594	LF	18" x 30", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	212.56	108.05
		For Seal Class B, Add	*27.01*	
		For Seal Class A, Add	*57.63*	
		For Work In Restricted Working Space, Add	*54.03*	
23 31 13 13-0595	LF	18" x 32", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	221.38	112.54
		For Seal Class B, Add	*28.14*	
		For Seal Class A, Add	*60.03*	
		For Work In Restricted Working Space, Add	*56.27*	
23 31 13 13-0596	LF	18" x 34", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	230.25	117.06
		For Seal Class B, Add	*29.26*	
		For Seal Class A, Add	*62.43*	
		For Work In Restricted Working Space, Add	*58.53*	
23 31 13 13-0597	LF	18" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	239.12	121.55
		For Seal Class B, Add	*30.39*	
		For Seal Class A, Add	*64.83*	
		For Work In Restricted Working Space, Add	*60.78*	
23 31 13 13-0598	LF	18" x 38", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	247.95	126.05
		For Seal Class B, Add	*31.51*	
		For Seal Class A, Add	*67.23*	
		For Work In Restricted Working Space, Add	*63.03*	
23 31 13 13-0599	LF	18" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	256.82	130.56
		For Seal Class B, Add	*32.64*	
		For Seal Class A, Add	*69.63*	
		For Work In Restricted Working Space, Add	*65.28*	
23 31 13 13-0600	LF	18" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	265.69	135.06
		For Seal Class B, Add	*33.77*	
		For Seal Class A, Add	*72.03*	
		For Work In Restricted Working Space, Add	*67.53*	
23 31 13 13-0601	LF	18" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	274.52	139.55
		For Seal Class B, Add	*34.89*	
		For Seal Class A, Add	*74.43*	
		For Work In Restricted Working Space, Add	*69.78*	
23 31 13 13-0602	LF	18" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	283.40	144.07
		For Seal Class B, Add	*36.02*	
		For Seal Class A, Add	*76.84*	
		For Work In Restricted Working Space, Add	*72.03*	
23 31 13 13-0603	LF	20" x 20", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	177.10	90.04
		For Seal Class B, Add	*22.51*	
		For Seal Class A, Add	*48.02*	
		For Work In Restricted Working Space, Add	*45.02*	
23 31 13 13-0604	LF	20" x 22", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	185.97	94.54
		For Seal Class B, Add	*23.64*	
		For Seal Class A, Add	*50.42*	
		For Work In Restricted Working Space, Add	*47.27*	
23 31 13 13-0605	LF	20" x 24", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	194.83	99.04
		For Seal Class B, Add	*24.76*	
		For Seal Class A, Add	*52.82*	
		For Work In Restricted Working Space, Add	*49.52*	
23 31 13 13-0606	LF	20" x 26", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	203.67	103.54
		For Seal Class B, Add	*25.89*	
		For Seal Class A, Add	*55.22*	
		For Work In Restricted Working Space, Add	*51.77*	
23 31 13 13-0607	LF	20" x 28", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	212.56	108.05
		For Seal Class B, Add	*27.01*	
		For Seal Class A, Add	*57.63*	
		For Work In Restricted Working Space, Add	*54.03*	
23 31 13 13-0608	LF	20" x 30", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	221.38	112.54
		For Seal Class B, Add	*28.14*	
		For Seal Class A, Add	*60.03*	
		For Work In Restricted Working Space, Add	*56.27*	
23 31 13 13-0609	LF	20" x 32", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	230.25	117.06
		For Seal Class B, Add	*29.26*	
		For Seal Class A, Add	*62.43*	
		For Work In Restricted Working Space, Add	*58.53*	
23 31 13 13-0610	LF	20" x 34", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	239.12	121.55
		For Seal Class B, Add	*30.39*	
		For Seal Class A, Add	*64.83*	
		For Work In Restricted Working Space, Add	*60.78*	
23 31 13 13-0611	LF	20" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	247.95	126.05
		For Seal Class B, Add	*31.51*	
		For Seal Class A, Add	*67.23*	
		For Work In Restricted Working Space, Add	*63.03*	
23 31 13 13-0612	LF	20" x 38", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	256.82	130.56
		For Seal Class B, Add	*32.64*	
		For Seal Class A, Add	*69.63*	
		For Work In Restricted Working Space, Add	*65.28*	
23 31 13 13-0613	LF	20" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	265.69	135.06
		For Seal Class B, Add	*33.77*	
		For Seal Class A, Add	*72.03*	
		For Work In Restricted Working Space, Add	*67.53*	
23 31 13 13-0614	LF	20" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	274.52	139.55
		For Seal Class B, Add	*34.89*	
		For Seal Class A, Add	*74.43*	
		For Work In Restricted Working Space, Add	*69.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0615	LF	20" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	283.40	144.07
		For Seal Class B, Add	*36.02*	
		For Seal Class A, Add	*76.84*	
		For Work In Restricted Working Space, Add	*72.03*	
23 31 13 13-0616	LF	20" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	292.23	148.56
		For Seal Class B, Add	*37.14*	
		For Seal Class A, Add	*79.24*	
		For Work In Restricted Working Space, Add	*74.28*	
23 31 13 13-0617	LF	20" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	301.10	153.08
		For Seal Class B, Add	*38.27*	
		For Seal Class A, Add	*81.64*	
		For Work In Restricted Working Space, Add	*76.53*	
23 31 13 13-0618	LF	22" x 22", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	194.83	99.04
		For Seal Class B, Add	*24.76*	
		For Seal Class A, Add	*52.82*	
		For Work In Restricted Working Space, Add	*49.52*	
23 31 13 13-0619	LF	22" x 24", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	203.67	103.54
		For Seal Class B, Add	*25.89*	
		For Seal Class A, Add	*55.22*	
		For Work In Restricted Working Space, Add	*51.77*	
23 31 13 13-0620	LF	22" x 26", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	212.56	108.05
		For Seal Class B, Add	*27.01*	
		For Seal Class A, Add	*57.63*	
		For Work In Restricted Working Space, Add	*54.03*	
23 31 13 13-0621	LF	22" x 28", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	221.38	112.54
		For Seal Class B, Add	*28.14*	
		For Seal Class A, Add	*60.03*	
		For Work In Restricted Working Space, Add	*56.27*	
23 31 13 13-0622	LF	22" x 30", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	230.25	117.06
		For Seal Class B, Add	*29.26*	
		For Seal Class A, Add	*62.43*	
		For Work In Restricted Working Space, Add	*58.53*	
23 31 13 13-0623	LF	22" x 32", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	239.12	121.55
		For Seal Class B, Add	*30.39*	
		For Seal Class A, Add	*64.83*	
		For Work In Restricted Working Space, Add	*60.78*	
23 31 13 13-0624	LF	22" x 34", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	247.95	126.05
		For Seal Class B, Add	*31.51*	
		For Seal Class A, Add	*67.23*	
		For Work In Restricted Working Space, Add	*63.03*	
23 31 13 13-0625	LF	22" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	256.82	130.56
		For Seal Class B, Add	*32.64*	
		For Seal Class A, Add	*69.63*	
		For Work In Restricted Working Space, Add	*65.28*	
23 31 13 13-0626	LF	22" x 38", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	265.69	135.06
		For Seal Class B, Add	*33.77*	
		For Seal Class A, Add	*72.03*	
		For Work In Restricted Working Space, Add	*67.53*	
23 31 13 13-0627	LF	22" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	274.52	139.55
		For Seal Class B, Add	*34.89*	
		For Seal Class A, Add	*74.43*	
		For Work In Restricted Working Space, Add	*69.78*	
23 31 13 13-0628	LF	22" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	283.40	144.07
		For Seal Class B, Add	*36.02*	
		For Seal Class A, Add	*76.84*	
		For Work In Restricted Working Space, Add	*72.03*	
23 31 13 13-0629	LF	22" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	292.23	148.56
		For Seal Class B, Add	*37.14*	
		For Seal Class A, Add	*79.24*	
		For Work In Restricted Working Space, Add	*74.28*	
23 31 13 13-0630	LF	22" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	301.10	153.08
		For Seal Class B, Add	*38.27*	
		For Seal Class A, Add	*81.64*	
		For Work In Restricted Working Space, Add	*76.53*	
23 31 13 13-0631	LF	22" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	309.96	157.57
		For Seal Class B, Add	*39.39*	
		For Seal Class A, Add	*84.04*	
		For Work In Restricted Working Space, Add	*78.78*	
23 31 13 13-0632	LF	24" x 24", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	212.56	108.05
		For Seal Class B, Add	*27.01*	
		For Seal Class A, Add	*57.63*	
		For Work In Restricted Working Space, Add	*54.03*	
23 31 13 13-0633	LF	24" x 26", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	221.38	112.54
		For Seal Class B, Add	*28.14*	
		For Seal Class A, Add	*60.03*	
		For Work In Restricted Working Space, Add	*56.27*	
23 31 13 13-0634	LF	24" x 28", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	230.25	117.06
		For Seal Class B, Add	*29.26*	
		For Seal Class A, Add	*62.43*	
		For Work In Restricted Working Space, Add	*58.53*	
23 31 13 13-0635	LF	24" x 30", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	239.12	121.55
		For Seal Class B, Add	*30.39*	
		For Seal Class A, Add	*64.83*	
		For Work In Restricted Working Space, Add	*60.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0636	LF	24" x 32", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	247.95	126.05
		For Seal Class B, Add	*31.51*	
		For Seal Class A, Add	*67.23*	
		For Work In Restricted Working Space, Add	*63.03*	
23 31 13 13-0637	LF	24" x 34", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	256.82	130.56
		For Seal Class B, Add	*32.64*	
		For Seal Class A, Add	*69.63*	
		For Work In Restricted Working Space, Add	*65.28*	
23 31 13 13-0638	LF	24" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	265.69	135.06
		For Seal Class B, Add	*33.77*	
		For Seal Class A, Add	*72.03*	
		For Work In Restricted Working Space, Add	*67.53*	
23 31 13 13-0639	LF	24" x 38", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	274.52	139.55
		For Seal Class B, Add	*34.89*	
		For Seal Class A, Add	*74.43*	
		For Work In Restricted Working Space, Add	*69.78*	
23 31 13 13-0640	LF	24" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	283.40	144.07
		For Seal Class B, Add	*36.02*	
		For Seal Class A, Add	*76.84*	
		For Work In Restricted Working Space, Add	*72.03*	
23 31 13 13-0641	LF	24" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	292.23	148.56
		For Seal Class B, Add	*37.14*	
		For Seal Class A, Add	*79.24*	
		For Work In Restricted Working Space, Add	*74.28*	
23 31 13 13-0642	LF	24" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	301.10	153.08
		For Seal Class B, Add	*38.27*	
		For Seal Class A, Add	*81.64*	
		For Work In Restricted Working Space, Add	*76.53*	
23 31 13 13-0643	LF	24" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	309.96	157.57
		For Seal Class B, Add	*39.39*	
		For Seal Class A, Add	*84.04*	
		For Work In Restricted Working Space, Add	*78.78*	
23 31 13 13-0644	LF	24" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	318.80	162.07
		For Seal Class B, Add	*40.52*	
		For Seal Class A, Add	*86.44*	
		For Work In Restricted Working Space, Add	*81.03*	
23 31 13 13-0645	LF	26" x 26", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	230.25	117.06
		For Seal Class B, Add	*29.26*	
		For Seal Class A, Add	*62.43*	
		For Work In Restricted Working Space, Add	*58.53*	
23 31 13 13-0646	LF	26" x 28", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	239.12	121.55
		For Seal Class B, Add	*30.39*	
		For Seal Class A, Add	*64.83*	
		For Work In Restricted Working Space, Add	*60.78*	
23 31 13 13-0647	LF	26" x 30", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	247.95	126.05
		For Seal Class B, Add	*31.51*	
		For Seal Class A, Add	*67.23*	
		For Work In Restricted Working Space, Add	*63.03*	
23 31 13 13-0648	LF	26" x 32", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	256.82	130.56
		For Seal Class B, Add	*32.64*	
		For Seal Class A, Add	*69.63*	
		For Work In Restricted Working Space, Add	*65.28*	
23 31 13 13-0649	LF	26" x 34", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	265.69	135.06
		For Seal Class B, Add	*33.77*	
		For Seal Class A, Add	*72.03*	
		For Work In Restricted Working Space, Add	*67.53*	
23 31 13 13-0650	LF	26" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	274.52	139.55
		For Seal Class B, Add	*34.89*	
		For Seal Class A, Add	*74.43*	
		For Work In Restricted Working Space, Add	*69.78*	
23 31 13 13-0651	LF	26" x 38", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	283.40	144.07
		For Seal Class B, Add	*36.02*	
		For Seal Class A, Add	*76.84*	
		For Work In Restricted Working Space, Add	*72.03*	
23 31 13 13-0652	LF	26" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	292.23	148.56
		For Seal Class B, Add	*37.14*	
		For Seal Class A, Add	*79.24*	
		For Work In Restricted Working Space, Add	*74.28*	
23 31 13 13-0653	LF	26" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	301.10	153.08
		For Seal Class B, Add	*38.27*	
		For Seal Class A, Add	*81.64*	
		For Work In Restricted Working Space, Add	*76.53*	
23 31 13 13-0654	LF	26" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	309.96	157.57
		For Seal Class B, Add	*39.39*	
		For Seal Class A, Add	*84.04*	
		For Work In Restricted Working Space, Add	*78.78*	
23 31 13 13-0655	LF	26" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	318.80	162.07
		For Seal Class B, Add	*40.52*	
		For Seal Class A, Add	*86.44*	
		For Work In Restricted Working Space, Add	*81.03*	
23 31 13 13-0656	LF	26" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	327.68	166.58
		For Seal Class B, Add	*41.64*	
		For Seal Class A, Add	*88.84*	
		For Work In Restricted Working Space, Add	*83.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0657	LF	28" x 28", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	247.95	126.05
		For Seal Class B, Add	*31.51*	
		For Seal Class A, Add	*67.23*	
		For Work In Restricted Working Space, Add	*63.03*	
23 31 13 13-0658	LF	28" x 30", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	256.82	130.56
		For Seal Class B, Add	*32.64*	
		For Seal Class A, Add	*69.63*	
		For Work In Restricted Working Space, Add	*65.28*	
23 31 13 13-0659	LF	28" x 32", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	265.69	135.06
		For Seal Class B, Add	*33.77*	
		For Seal Class A, Add	*72.03*	
		For Work In Restricted Working Space, Add	*67.53*	
23 31 13 13-0660	LF	28" x 34", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	274.52	139.55
		For Seal Class B, Add	*34.89*	
		For Seal Class A, Add	*74.43*	
		For Work In Restricted Working Space, Add	*69.78*	
23 31 13 13-0661	LF	28" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	283.40	144.07
		For Seal Class B, Add	*36.02*	
		For Seal Class A, Add	*76.84*	
		For Work In Restricted Working Space, Add	*72.03*	
23 31 13 13-0662	LF	28" x 38", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	292.23	148.56
		For Seal Class B, Add	*37.14*	
		For Seal Class A, Add	*79.24*	
		For Work In Restricted Working Space, Add	*74.28*	
23 31 13 13-0663	LF	28" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	301.10	153.08
		For Seal Class B, Add	*38.27*	
		For Seal Class A, Add	*81.64*	
		For Work In Restricted Working Space, Add	*76.53*	
23 31 13 13-0664	LF	28" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	309.96	157.57
		For Seal Class B, Add	*39.39*	
		For Seal Class A, Add	*84.04*	
		For Work In Restricted Working Space, Add	*78.78*	
23 31 13 13-0665	LF	28" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	318.80	162.07
		For Seal Class B, Add	*40.52*	
		For Seal Class A, Add	*86.44*	
		For Work In Restricted Working Space, Add	*81.03*	
23 31 13 13-0666	LF	28" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	327.68	166.58
		For Seal Class B, Add	*41.64*	
		For Seal Class A, Add	*88.84*	
		For Work In Restricted Working Space, Add	*83.29*	
23 31 13 13-0667	LF	28" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	336.50	171.08
		For Seal Class B, Add	*42.77*	
		For Seal Class A, Add	*91.24*	
		For Work In Restricted Working Space, Add	*85.54*	
23 31 13 13-0668	LF	30" x 30", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	265.69	135.06
		For Seal Class B, Add	*33.77*	
		For Seal Class A, Add	*72.03*	
		For Work In Restricted Working Space, Add	*67.53*	
23 31 13 13-0669	LF	30" x 32", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	274.52	139.55
		For Seal Class B, Add	*34.89*	
		For Seal Class A, Add	*74.43*	
		For Work In Restricted Working Space, Add	*69.78*	
23 31 13 13-0670	LF	30" x 34", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	283.40	144.07
		For Seal Class B, Add	*36.02*	
		For Seal Class A, Add	*76.84*	
		For Work In Restricted Working Space, Add	*72.03*	
23 31 13 13-0671	LF	30" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	292.23	148.56
		For Seal Class B, Add	*37.14*	
		For Seal Class A, Add	*79.24*	
		For Work In Restricted Working Space, Add	*74.28*	
23 31 13 13-0672	LF	30" x 38", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	301.10	153.08
		For Seal Class B, Add	*38.27*	
		For Seal Class A, Add	*81.64*	
		For Work In Restricted Working Space, Add	*76.53*	
23 31 13 13-0673	LF	30" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	309.96	157.57
		For Seal Class B, Add	*39.39*	
		For Seal Class A, Add	*84.04*	
		For Work In Restricted Working Space, Add	*78.78*	
23 31 13 13-0674	LF	30" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	318.80	162.07
		For Seal Class B, Add	*40.52*	
		For Seal Class A, Add	*86.44*	
		For Work In Restricted Working Space, Add	*81.03*	
23 31 13 13-0675	LF	30" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	327.68	166.58
		For Seal Class B, Add	*41.64*	
		For Seal Class A, Add	*88.84*	
		For Work In Restricted Working Space, Add	*83.29*	
23 31 13 13-0676	LF	30" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	336.50	171.08
		For Seal Class B, Add	*42.77*	
		For Seal Class A, Add	*91.24*	
		For Work In Restricted Working Space, Add	*85.54*	
23 31 13 13-0677	LF	30" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	345.38	175.57
		For Seal Class B, Add	*43.89*	
		For Seal Class A, Add	*93.64*	
		For Work In Restricted Working Space, Add	*87.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0678	LF	32" x 32", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	283.40	144.07
		For Seal Class B, Add	*36.02*	
		For Seal Class A, Add	*76.84*	
		For Work In Restricted Working Space, Add	*72.03*	
23 31 13 13-0679	LF	32" x 34", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	292.23	148.56
		For Seal Class B, Add	*37.14*	
		For Seal Class A, Add	*79.24*	
		For Work In Restricted Working Space, Add	*74.28*	
23 31 13 13-0680	LF	32" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	301.10	153.08
		For Seal Class B, Add	*38.27*	
		For Seal Class A, Add	*81.64*	
		For Work In Restricted Working Space, Add	*76.53*	
23 31 13 13-0681	LF	32" x 38", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	309.96	157.57
		For Seal Class B, Add	*39.39*	
		For Seal Class A, Add	*84.04*	
		For Work In Restricted Working Space, Add	*78.78*	
23 31 13 13-0682	LF	32" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	318.80	162.07
		For Seal Class B, Add	*40.52*	
		For Seal Class A, Add	*86.44*	
		For Work In Restricted Working Space, Add	*81.03*	
23 31 13 13-0683	LF	32" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	327.68	166.58
		For Seal Class B, Add	*41.64*	
		For Seal Class A, Add	*88.84*	
		For Work In Restricted Working Space, Add	*83.29*	
23 31 13 13-0684	LF	32" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	336.50	171.08
		For Seal Class B, Add	*42.77*	
		For Seal Class A, Add	*91.24*	
		For Work In Restricted Working Space, Add	*85.54*	
23 31 13 13-0685	LF	32" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	345.38	175.57
		For Seal Class B, Add	*43.89*	
		For Seal Class A, Add	*93.64*	
		For Work In Restricted Working Space, Add	*87.79*	
23 31 13 13-0686	LF	32" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	354.24	180.09
		For Seal Class B, Add	*45.02*	
		For Seal Class A, Add	*96.04*	
		For Work In Restricted Working Space, Add	*90.04*	
23 31 13 13-0687	LF	34" x 34", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	301.10	153.08
		For Seal Class B, Add	*38.27*	
		For Seal Class A, Add	*81.64*	
		For Work In Restricted Working Space, Add	*76.53*	
23 31 13 13-0688	LF	34" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	309.96	157.57
		For Seal Class B, Add	*39.39*	
		For Seal Class A, Add	*84.04*	
		For Work In Restricted Working Space, Add	*78.78*	
23 31 13 13-0689	LF	34" x 38", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	318.80	162.07
		For Seal Class B, Add	*40.52*	
		For Seal Class A, Add	*86.44*	
		For Work In Restricted Working Space, Add	*81.03*	
23 31 13 13-0690	LF	34" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	327.68	166.58
		For Seal Class B, Add	*41.64*	
		For Seal Class A, Add	*88.84*	
		For Work In Restricted Working Space, Add	*83.29*	
23 31 13 13-0691	LF	34" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	336.50	171.08
		For Seal Class B, Add	*42.77*	
		For Seal Class A, Add	*91.24*	
		For Work In Restricted Working Space, Add	*85.54*	
23 31 13 13-0692	LF	34" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	345.38	175.57
		For Seal Class B, Add	*43.89*	
		For Seal Class A, Add	*93.64*	
		For Work In Restricted Working Space, Add	*87.79*	
23 31 13 13-0693	LF	34" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	354.24	180.09
		For Seal Class B, Add	*45.02*	
		For Seal Class A, Add	*96.04*	
		For Work In Restricted Working Space, Add	*90.04*	
23 31 13 13-0694	LF	34" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	363.08	184.58
		For Seal Class B, Add	*46.14*	
		For Seal Class A, Add	*98.44*	
		For Work In Restricted Working Space, Add	*92.29*	
23 31 13 13-0695	LF	36" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	318.80	162.07
		For Seal Class B, Add	*40.52*	
		For Seal Class A, Add	*86.44*	
		For Work In Restricted Working Space, Add	*81.03*	
23 31 13 13-0696	LF	36" x 38", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	327.68	166.58
		For Seal Class B, Add	*41.64*	
		For Seal Class A, Add	*88.84*	
		For Work In Restricted Working Space, Add	*83.29*	
23 31 13 13-0697	LF	36" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	336.50	171.08
		For Seal Class B, Add	*42.77*	
		For Seal Class A, Add	*91.24*	
		For Work In Restricted Working Space, Add	*85.54*	
23 31 13 13-0698	LF	36" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	345.38	175.57
		For Seal Class B, Add	*43.89*	
		For Seal Class A, Add	*93.64*	
		For Work In Restricted Working Space, Add	*87.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0699	LF	36" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	354.24	180.09
		For Seal Class B, Add	*45.02*	
		For Seal Class A, Add	*96.04*	
		For Work In Restricted Working Space, Add	*90.04*	
23 31 13 13-0700	LF	36" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	363.08	184.58
		For Seal Class B, Add	*46.14*	
		For Seal Class A, Add	*98.44*	
		For Work In Restricted Working Space, Add	*92.29*	
23 31 13 13-0701	LF	36" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	371.95	189.08
		For Seal Class B, Add	*47.27*	
		For Seal Class A, Add	*100.84*	
		For Work In Restricted Working Space, Add	*94.54*	
23 31 13 13-0702	LF	38" x 38", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	336.50	171.08
		For Seal Class B, Add	*42.77*	
		For Seal Class A, Add	*91.24*	
		For Work In Restricted Working Space, Add	*85.54*	
23 31 13 13-0703	LF	38" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	345.38	175.57
		For Seal Class B, Add	*43.89*	
		For Seal Class A, Add	*93.64*	
		For Work In Restricted Working Space, Add	*87.79*	
23 31 13 13-0704	LF	38" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	354.24	180.09
		For Seal Class B, Add	*45.02*	
		For Seal Class A, Add	*96.04*	
		For Work In Restricted Working Space, Add	*90.04*	
23 31 13 13-0705	LF	38" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	363.08	184.58
		For Seal Class B, Add	*46.14*	
		For Seal Class A, Add	*98.44*	
		For Work In Restricted Working Space, Add	*92.29*	
23 31 13 13-0706	LF	38" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	371.95	189.08
		For Seal Class B, Add	*47.27*	
		For Seal Class A, Add	*100.84*	
		For Work In Restricted Working Space, Add	*94.54*	
23 31 13 13-0707	LF	38" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	380.81	193.59
		For Seal Class B, Add	*48.40*	
		For Seal Class A, Add	*103.24*	
		For Work In Restricted Working Space, Add	*96.79*	
23 31 13 13-0708	LF	38" x 50", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	389.66	198.09
		For Seal Class B, Add	*49.52*	
		For Seal Class A, Add	*105.65*	
		For Work In Restricted Working Space, Add	*99.05*	
23 31 13 13-0709	LF	40" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	354.24	180.09
		For Seal Class B, Add	*45.02*	
		For Seal Class A, Add	*96.04*	
		For Work In Restricted Working Space, Add	*90.04*	
23 31 13 13-0710	LF	40" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	363.08	184.58
		For Seal Class B, Add	*46.14*	
		For Seal Class A, Add	*98.44*	
		For Work In Restricted Working Space, Add	*92.29*	
23 31 13 13-0711	LF	40" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	371.95	189.08
		For Seal Class B, Add	*47.27*	
		For Seal Class A, Add	*100.84*	
		For Work In Restricted Working Space, Add	*94.54*	
23 31 13 13-0712	LF	40" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	380.81	193.59
		For Seal Class B, Add	*48.40*	
		For Seal Class A, Add	*103.24*	
		For Work In Restricted Working Space, Add	*96.79*	
23 31 13 13-0713	LF	40" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	389.66	198.09
		For Seal Class B, Add	*49.52*	
		For Seal Class A, Add	*105.65*	
		For Work In Restricted Working Space, Add	*99.05*	
23 31 13 13-0714	LF	40" x 50", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	398.52	202.59
		For Seal Class B, Add	*50.65*	
		For Seal Class A, Add	*108.05*	
		For Work In Restricted Working Space, Add	*101.30*	
23 31 13 13-0715	LF	40" x 52", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	407.36	207.10
		For Seal Class B, Add	*51.77*	
		For Seal Class A, Add	*110.45*	
		For Work In Restricted Working Space, Add	*103.55*	
23 31 13 13-0716	LF	40" x 54", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	416.22	211.59
		For Seal Class B, Add	*52.90*	
		For Seal Class A, Add	*112.85*	
		For Work In Restricted Working Space, Add	*105.80*	
23 31 13 13-0717	LF	40" x 56", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	425.08	216.10
		For Seal Class B, Add	*54.02*	
		For Seal Class A, Add	*115.25*	
		For Work In Restricted Working Space, Add	*108.05*	
23 31 13 13-0718	LF	42" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	371.95	189.08
		For Seal Class B, Add	*47.27*	
		For Seal Class A, Add	*100.84*	
		For Work In Restricted Working Space, Add	*94.54*	
23 31 13 13-0719	LF	42" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	380.81	193.59
		For Seal Class B, Add	*48.40*	
		For Seal Class A, Add	*103.24*	
		For Work In Restricted Working Space, Add	*96.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0720	LF	42" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	389.66	198.09
		For Seal Class B, Add	*49.52*	
		For Seal Class A, Add	*105.65*	
		For Work In Restricted Working Space, Add	*99.05*	
23 31 13 13-0721	LF	42" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	398.52	202.59
		For Seal Class B, Add	*50.65*	
		For Seal Class A, Add	*108.05*	
		For Work In Restricted Working Space, Add	*101.30*	
23 31 13 13-0722	LF	42" x 50", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	407.36	207.10
		For Seal Class B, Add	*51.77*	
		For Seal Class A, Add	*110.45*	
		For Work In Restricted Working Space, Add	*103.55*	
23 31 13 13-0723	LF	42" x 52", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	416.22	211.59
		For Seal Class B, Add	*52.90*	
		For Seal Class A, Add	*112.85*	
		For Work In Restricted Working Space, Add	*105.80*	
23 31 13 13-0724	LF	42" x 54", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	425.08	216.10
		For Seal Class B, Add	*54.02*	
		For Seal Class A, Add	*115.25*	
		For Work In Restricted Working Space, Add	*108.05*	
23 31 13 13-0725	LF	42" x 56", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	433.93	220.60
		For Seal Class B, Add	*55.15*	
		For Seal Class A, Add	*117.65*	
		For Work In Restricted Working Space, Add	*110.30*	
23 31 13 13-0726	LF	44" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	389.66	198.09
		For Seal Class B, Add	*49.52*	
		For Seal Class A, Add	*105.65*	
		For Work In Restricted Working Space, Add	*99.05*	
23 31 13 13-0727	LF	44" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	398.52	202.59
		For Seal Class B, Add	*50.65*	
		For Seal Class A, Add	*108.05*	
		For Work In Restricted Working Space, Add	*101.30*	
23 31 13 13-0728	LF	44" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	407.36	207.10
		For Seal Class B, Add	*51.77*	
		For Seal Class A, Add	*110.45*	
		For Work In Restricted Working Space, Add	*103.55*	
23 31 13 13-0729	LF	44" x 50", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	416.22	211.59
		For Seal Class B, Add	*52.90*	
		For Seal Class A, Add	*112.85*	
		For Work In Restricted Working Space, Add	*105.80*	
23 31 13 13-0730	LF	44" x 52", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	425.08	216.10
		For Seal Class B, Add	*54.02*	
		For Seal Class A, Add	*115.25*	
		For Work In Restricted Working Space, Add	*108.05*	
23 31 13 13-0731	LF	44" x 54", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	433.93	220.60
		For Seal Class B, Add	*55.15*	
		For Seal Class A, Add	*117.65*	
		For Work In Restricted Working Space, Add	*110.30*	
23 31 13 13-0732	LF	44" x 56", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	442.80	225.10
		For Seal Class B, Add	*56.28*	
		For Seal Class A, Add	*120.05*	
		For Work In Restricted Working Space, Add	*112.55*	
23 31 13 13-0733	LF	46" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	407.36	207.10
		For Seal Class B, Add	*51.77*	
		For Seal Class A, Add	*110.45*	
		For Work In Restricted Working Space, Add	*103.55*	
23 31 13 13-0734	LF	46" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	416.22	211.59
		For Seal Class B, Add	*52.90*	
		For Seal Class A, Add	*112.85*	
		For Work In Restricted Working Space, Add	*105.80*	
23 31 13 13-0735	LF	46" x 50", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	425.08	216.10
		For Seal Class B, Add	*54.02*	
		For Seal Class A, Add	*115.25*	
		For Work In Restricted Working Space, Add	*108.05*	
23 31 13 13-0736	LF	46" x 52", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	433.93	220.60
		For Seal Class B, Add	*55.15*	
		For Seal Class A, Add	*117.65*	
		For Work In Restricted Working Space, Add	*110.30*	
23 31 13 13-0737	LF	46" x 54", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	442.80	225.10
		For Seal Class B, Add	*56.28*	
		For Seal Class A, Add	*120.05*	
		For Work In Restricted Working Space, Add	*112.55*	
23 31 13 13-0738	LF	46" x 56", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	459.16	234.11
		For Seal Class B, Add	*58.53*	
		For Seal Class A, Add	*124.85*	
		For Work In Restricted Working Space, Add	*117.05*	
23 31 13 13-0739	LF	46" x 58", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	468.00	238.60
		For Seal Class B, Add	*59.65*	
		For Seal Class A, Add	*127.25*	
		For Work In Restricted Working Space, Add	*119.30*	
23 31 13 13-0740	LF	48" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	425.08	216.10
		For Seal Class B, Add	*54.02*	
		For Seal Class A, Add	*115.25*	
		For Work In Restricted Working Space, Add	*108.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0741	LF	48" x 50", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	433.93	220.60
		For Seal Class B, Add	*55.15*	
		For Seal Class A, Add	*117.65*	
		For Work In Restricted Working Space, Add	*110.30*	
23 31 13 13-0742	LF	48" x 52", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	442.80	225.10
		For Seal Class B, Add	*56.28*	
		For Seal Class A, Add	*120.05*	
		For Work In Restricted Working Space, Add	*112.55*	
23 31 13 13-0743	LF	48" x 54", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	451.66	229.60
		For Seal Class B, Add	*57.40*	
		For Seal Class A, Add	*122.45*	
		For Work In Restricted Working Space, Add	*114.80*	
23 31 13 13-0744	LF	48" x 56", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	460.50	234.11
		For Seal Class B, Add	*58.53*	
		For Seal Class A, Add	*124.85*	
		For Work In Restricted Working Space, Add	*117.05*	
23 31 13 13-0745	LF	48" x 58", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	469.36	238.60
		For Seal Class B, Add	*59.65*	
		For Seal Class A, Add	*127.25*	
		For Work In Restricted Working Space, Add	*119.30*	
23 31 13 13-0746	LF	48" x 60", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	478.20	243.11
		For Seal Class B, Add	*60.78*	
		For Seal Class A, Add	*129.65*	
		For Work In Restricted Working Space, Add	*121.55*	
23 31 13 13-0747	LF	50" x 50", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	442.80	225.10
		For Seal Class B, Add	*56.28*	
		For Seal Class A, Add	*120.05*	
		For Work In Restricted Working Space, Add	*112.55*	
23 31 13 13-0748	LF	50" x 52", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	451.66	229.60
		For Seal Class B, Add	*57.40*	
		For Seal Class A, Add	*122.45*	
		For Work In Restricted Working Space, Add	*114.80*	
23 31 13 13-0749	LF	50" x 54", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	460.50	234.11
		For Seal Class B, Add	*58.53*	
		For Seal Class A, Add	*124.85*	
		For Work In Restricted Working Space, Add	*117.05*	
23 31 13 13-0750	LF	50" x 56", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	469.36	238.60
		For Seal Class B, Add	*59.65*	
		For Seal Class A, Add	*127.25*	
		For Work In Restricted Working Space, Add	*119.30*	
23 31 13 13-0751	LF	50" x 58", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	478.20	243.11
		For Seal Class B, Add	*60.78*	
		For Seal Class A, Add	*129.65*	
		For Work In Restricted Working Space, Add	*121.55*	
23 31 13 13-0752	LF	50" x 60", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	487.07	247.61
		For Seal Class B, Add	*61.90*	
		For Seal Class A, Add	*132.06*	
		For Work In Restricted Working Space, Add	*123.80*	
23 31 13 13-0753	LF	52" x 52", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	460.50	234.11
		For Seal Class B, Add	*58.53*	
		For Seal Class A, Add	*124.85*	
		For Work In Restricted Working Space, Add	*117.05*	
23 31 13 13-0754	LF	52" x 54", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	469.36	238.60
		For Seal Class B, Add	*59.65*	
		For Seal Class A, Add	*127.25*	
		For Work In Restricted Working Space, Add	*119.30*	
23 31 13 13-0755	LF	52" x 56", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	478.20	243.11
		For Seal Class B, Add	*60.78*	
		For Seal Class A, Add	*129.65*	
		For Work In Restricted Working Space, Add	*121.55*	
23 31 13 13-0756	LF	52" x 58", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	487.07	247.61
		For Seal Class B, Add	*61.90*	
		For Seal Class A, Add	*132.06*	
		For Work In Restricted Working Space, Add	*123.80*	
23 31 13 13-0757	LF	52" x 60", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	495.94	252.12
		For Seal Class B, Add	*63.03*	
		For Seal Class A, Add	*134.46*	
		For Work In Restricted Working Space, Add	*126.06*	
23 31 13 13-0758	LF	54" x 54", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	478.20	243.11
		For Seal Class B, Add	*60.78*	
		For Seal Class A, Add	*129.65*	
		For Work In Restricted Working Space, Add	*121.55*	
23 31 13 13-0759	LF	54" x 56", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	487.07	247.61
		For Seal Class B, Add	*61.90*	
		For Seal Class A, Add	*132.06*	
		For Work In Restricted Working Space, Add	*123.80*	
23 31 13 13-0760	LF	54" x 58", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	495.94	252.12
		For Seal Class B, Add	*63.03*	
		For Seal Class A, Add	*134.46*	
		For Work In Restricted Working Space, Add	*126.06*	
23 31 13 13-0761	LF	54" x 60", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	504.78	256.61
		For Seal Class B, Add	*64.15*	
		For Seal Class A, Add	*136.86*	
		For Work In Restricted Working Space, Add	*128.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0762	LF	54" x 62", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	513.65	261.11
		For Seal Class B, Add	*65.28*	
		For Seal Class A, Add	*139.26*	
		For Work In Restricted Working Space, Add	*130.56*	
23 31 13 13-0763	LF	54" x 64", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	522.48	265.62
		For Seal Class B, Add	*66.40*	
		For Seal Class A, Add	*141.66*	
		For Work In Restricted Working Space, Add	*132.81*	
23 31 13 13-0764	LF	56" x 56", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	495.94	252.12
		For Seal Class B, Add	*63.03*	
		For Seal Class A, Add	*134.46*	
		For Work In Restricted Working Space, Add	*126.06*	
23 31 13 13-0765	LF	56" x 58", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	504.78	256.61
		For Seal Class B, Add	*64.15*	
		For Seal Class A, Add	*136.86*	
		For Work In Restricted Working Space, Add	*128.31*	
23 31 13 13-0766	LF	56" x 60", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	513.65	261.11
		For Seal Class B, Add	*65.28*	
		For Seal Class A, Add	*139.26*	
		For Work In Restricted Working Space, Add	*130.56*	
23 31 13 13-0767	LF	56" x 62", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	522.48	265.62
		For Seal Class B, Add	*66.40*	
		For Seal Class A, Add	*141.66*	
		For Work In Restricted Working Space, Add	*132.81*	
23 31 13 13-0768	LF	56" x 64", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	531.35	270.11
		For Seal Class B, Add	*67.53*	
		For Seal Class A, Add	*144.06*	
		For Work In Restricted Working Space, Add	*135.06*	
23 31 13 13-0769	LF	58" x 58", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	513.65	261.11
		For Seal Class B, Add	*65.28*	
		For Seal Class A, Add	*139.26*	
		For Work In Restricted Working Space, Add	*130.56*	
23 31 13 13-0770	LF	58" x 60", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	522.48	265.62
		For Seal Class B, Add	*66.40*	
		For Seal Class A, Add	*141.66*	
		For Work In Restricted Working Space, Add	*132.81*	
23 31 13 13-0771	LF	58" x 62", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	531.35	270.11
		For Seal Class B, Add	*67.53*	
		For Seal Class A, Add	*144.06*	
		For Work In Restricted Working Space, Add	*135.06*	
23 31 13 13-0772	LF	58" x 64", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	540.20	274.62
		For Seal Class B, Add	*68.65*	
		For Seal Class A, Add	*146.46*	
		For Work In Restricted Working Space, Add	*137.31*	
23 31 13 13-0773	LF	58" x 66", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	549.05	279.12
		For Seal Class B, Add	*69.78*	
		For Seal Class A, Add	*148.86*	
		For Work In Restricted Working Space, Add	*139.56*	
23 31 13 13-0774	LF	60" x 60", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	531.35	270.11
		For Seal Class B, Add	*67.53*	
		For Seal Class A, Add	*144.06*	
		For Work In Restricted Working Space, Add	*135.06*	
23 31 13 13-0775	LF	60" x 62", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	540.20	274.62
		For Seal Class B, Add	*68.65*	
		For Seal Class A, Add	*146.46*	
		For Work In Restricted Working Space, Add	*137.31*	
23 31 13 13-0776	LF	60" x 64", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	549.05	279.12
		For Seal Class B, Add	*69.78*	
		For Seal Class A, Add	*148.86*	
		For Work In Restricted Working Space, Add	*139.56*	
23 31 13 13-0777	LF	60" x 66", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	557.93	283.62
		For Seal Class B, Add	*70.91*	
		For Seal Class A, Add	*151.27*	
		For Work In Restricted Working Space, Add	*141.82*	
23 31 13 13-0778	LF	60" x 68", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	566.78	288.12
		For Seal Class B, Add	*72.03*	
		For Seal Class A, Add	*153.67*	
		For Work In Restricted Working Space, Add	*144.06*	
23 31 13 13-0779	LF	62" x 62", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	549.05	279.12
		For Seal Class B, Add	*69.78*	
		For Seal Class A, Add	*148.86*	
		For Work In Restricted Working Space, Add	*139.56*	
23 31 13 13-0780	LF	62" x 64", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	557.93	283.62
		For Seal Class B, Add	*70.91*	
		For Seal Class A, Add	*151.27*	
		For Work In Restricted Working Space, Add	*141.82*	
23 31 13 13-0781	LF	62" x 66", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	566.78	288.12
		For Seal Class B, Add	*72.03*	
		For Seal Class A, Add	*153.67*	
		For Work In Restricted Working Space, Add	*144.06*	
23 31 13 13-0782	LF	62" x 68", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	575.63	292.63
		For Seal Class B, Add	*73.16*	
		For Seal Class A, Add	*156.07*	
		For Work In Restricted Working Space, Add	*146.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0783	LF	62" x 70", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	584.48	297.12
		For Seal Class B, Add	*74.28*	
		For Seal Class A, Add	*158.47*	
		For Work In Restricted Working Space, Add	*148.56*	
23 31 13 13-0784	LF	64" x 64", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	566.78	288.12
		For Seal Class B, Add	*72.03*	
		For Seal Class A, Add	*153.67*	
		For Work In Restricted Working Space, Add	*144.06*	
23 31 13 13-0785	LF	64" x 66", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	575.63	292.63
		For Seal Class B, Add	*73.16*	
		For Seal Class A, Add	*156.07*	
		For Work In Restricted Working Space, Add	*146.32*	
23 31 13 13-0786	LF	64" x 68", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	584.48	297.12
		For Seal Class B, Add	*74.28*	
		For Seal Class A, Add	*158.47*	
		For Work In Restricted Working Space, Add	*148.56*	
23 31 13 13-0787	LF	64" x 70", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	593.33	301.64
		For Seal Class B, Add	*75.41*	
		For Seal Class A, Add	*160.87*	
		For Work In Restricted Working Space, Add	*150.82*	
23 31 13 13-0788	LF	66" x 66", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	584.48	297.12
		For Seal Class B, Add	*74.28*	
		For Seal Class A, Add	*158.47*	
		For Work In Restricted Working Space, Add	*148.56*	
23 31 13 13-0789	LF	66" x 68", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	593.33	301.64
		For Seal Class B, Add	*75.41*	
		For Seal Class A, Add	*160.87*	
		For Work In Restricted Working Space, Add	*150.82*	
23 31 13 13-0790	LF	66" x 70", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	602.19	306.13
		For Seal Class B, Add	*76.53*	
		For Seal Class A, Add	*163.27*	
		For Work In Restricted Working Space, Add	*153.07*	
23 31 13 13-0791	LF	66" x 72", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	611.06	310.63
		For Seal Class B, Add	*77.66*	
		For Seal Class A, Add	*165.67*	
		For Work In Restricted Working Space, Add	*155.32*	
23 31 13 13-0792	LF	68" x 68", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	602.19	306.13
		For Seal Class B, Add	*76.53*	
		For Seal Class A, Add	*163.27*	
		For Work In Restricted Working Space, Add	*153.07*	
23 31 13 13-0793	LF	68" x 70", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	611.06	310.63
		For Seal Class B, Add	*77.66*	
		For Seal Class A, Add	*165.67*	
		For Work In Restricted Working Space, Add	*155.32*	
23 31 13 13-0794	LF	68" x 72", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	619.90	315.14
		For Seal Class B, Add	*78.78*	
		For Seal Class A, Add	*168.07*	
		For Work In Restricted Working Space, Add	*157.57*	
23 31 13 13-0795	LF	68" x 74", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	628.76	319.64
		For Seal Class B, Add	*79.91*	
		For Seal Class A, Add	*170.47*	
		For Work In Restricted Working Space, Add	*159.82*	
23 31 13 13-0796	LF	70" x 70", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	619.90	315.14
		For Seal Class B, Add	*78.78*	
		For Seal Class A, Add	*168.07*	
		For Work In Restricted Working Space, Add	*157.57*	
23 31 13 13-0797	LF	70" x 72", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	628.76	319.64
		For Seal Class B, Add	*79.91*	
		For Seal Class A, Add	*170.47*	
		For Work In Restricted Working Space, Add	*159.82*	
23 31 13 13-0798	LF	70" x 74", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	637.64	324.13
		For Seal Class B, Add	*81.04*	
		For Seal Class A, Add	*172.88*	
		For Work In Restricted Working Space, Add	*162.07*	
23 31 13 13-0799	LF	70" x 76", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	646.47	328.65
		For Seal Class B, Add	*82.16*	
		For Seal Class A, Add	*175.28*	
		For Work In Restricted Working Space, Add	*164.32*	
23 31 13 13-0800	LF	70" x 78", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	655.34	333.14
		For Seal Class B, Add	*83.29*	
		For Seal Class A, Add	*177.68*	
		For Work In Restricted Working Space, Add	*166.57*	
23 31 13 13-0801	LF	70" x 80", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	664.17	337.65
		For Seal Class B, Add	*84.41*	
		For Seal Class A, Add	*180.08*	
		For Work In Restricted Working Space, Add	*168.82*	
23 31 13 13-0802	LF	70" x 82", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	673.05	342.15
		For Seal Class B, Add	*85.54*	
		For Seal Class A, Add	*182.48*	
		For Work In Restricted Working Space, Add	*171.08*	
23 31 13 13-0803	LF	70" x 84", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	681.91	346.65
		For Seal Class B, Add	*86.66*	
		For Seal Class A, Add	*184.88*	
		For Work In Restricted Working Space, Add	*173.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0804	LF	72" x 72", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	637.64	324.13
		For Seal Class B, Add	*81.04*	
		For Seal Class A, Add	*172.88*	
		For Work In Restricted Working Space, Add	*162.07*	
23 31 13 13-0805	LF	72" x 74", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	646.47	328.65
		For Seal Class B, Add	*82.16*	
		For Seal Class A, Add	*175.28*	
		For Work In Restricted Working Space, Add	*164.32*	
23 31 13 13-0806	LF	72" x 76", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	655.34	333.14
		For Seal Class B, Add	*83.29*	
		For Seal Class A, Add	*177.68*	
		For Work In Restricted Working Space, Add	*166.57*	
23 31 13 13-0807	LF	72" x 78", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	664.17	337.65
		For Seal Class B, Add	*84.41*	
		For Seal Class A, Add	*180.08*	
		For Work In Restricted Working Space, Add	*168.82*	
23 31 13 13-0808	LF	72" x 80", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	673.05	342.15
		For Seal Class B, Add	*85.54*	
		For Seal Class A, Add	*182.48*	
		For Work In Restricted Working Space, Add	*171.08*	
23 31 13 13-0809	LF	72" x 82", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	681.91	346.65
		For Seal Class B, Add	*86.66*	
		For Seal Class A, Add	*184.88*	
		For Work In Restricted Working Space, Add	*173.33*	
23 31 13 13-0810	LF	72" x 84", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	690.75	351.15
		For Seal Class B, Add	*87.79*	
		For Seal Class A, Add	*187.28*	
		For Work In Restricted Working Space, Add	*175.58*	
23 31 13 13-0811	LF	74" x 74", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	655.34	333.14
		For Seal Class B, Add	*83.29*	
		For Seal Class A, Add	*177.68*	
		For Work In Restricted Working Space, Add	*166.57*	
23 31 13 13-0812	LF	74" x 76", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	664.17	337.65
		For Seal Class B, Add	*84.41*	
		For Seal Class A, Add	*180.08*	
		For Work In Restricted Working Space, Add	*168.82*	
23 31 13 13-0813	LF	74" x 78", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	673.05	342.15
		For Seal Class B, Add	*85.54*	
		For Seal Class A, Add	*182.48*	
		For Work In Restricted Working Space, Add	*171.08*	
23 31 13 13-0814	LF	74" x 80", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	681.91	346.65
		For Seal Class B, Add	*86.66*	
		For Seal Class A, Add	*184.88*	
		For Work In Restricted Working Space, Add	*173.33*	
23 31 13 13-0815	LF	74" x 82", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	690.75	351.15
		For Seal Class B, Add	*87.79*	
		For Seal Class A, Add	*187.28*	
		For Work In Restricted Working Space, Add	*175.58*	
23 31 13 13-0816	LF	74" x 84", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	699.62	355.66
		For Seal Class B, Add	*88.91*	
		For Seal Class A, Add	*189.68*	
		For Work In Restricted Working Space, Add	*177.83*	
23 31 13 13-0817	LF	76" x 76", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	673.05	342.15
		For Seal Class B, Add	*85.54*	
		For Seal Class A, Add	*182.48*	
		For Work In Restricted Working Space, Add	*171.08*	
23 31 13 13-0818	LF	76" x 78", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	681.91	346.65
		For Seal Class B, Add	*86.66*	
		For Seal Class A, Add	*184.88*	
		For Work In Restricted Working Space, Add	*173.33*	
23 31 13 13-0819	LF	76" x 80", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	690.75	351.15
		For Seal Class B, Add	*87.79*	
		For Seal Class A, Add	*187.28*	
		For Work In Restricted Working Space, Add	*175.58*	
23 31 13 13-0820	LF	76" x 82", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	699.62	355.66
		For Seal Class B, Add	*88.91*	
		For Seal Class A, Add	*189.68*	
		For Work In Restricted Working Space, Add	*177.83*	
23 31 13 13-0821	LF	76" x 84", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	708.45	360.15
		For Seal Class B, Add	*90.04*	
		For Seal Class A, Add	*192.08*	
		For Work In Restricted Working Space, Add	*180.08*	
23 31 13 13-0822	LF	78" x 78", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	690.75	351.15
		For Seal Class B, Add	*87.79*	
		For Seal Class A, Add	*187.28*	
		For Work In Restricted Working Space, Add	*175.58*	
23 31 13 13-0823	LF	78" x 80", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	699.62	355.66
		For Seal Class B, Add	*88.91*	
		For Seal Class A, Add	*189.68*	
		For Work In Restricted Working Space, Add	*177.83*	
23 31 13 13-0824	LF	78" x 82", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	708.45	360.15
		For Seal Class B, Add	*90.04*	
		For Seal Class A, Add	*192.08*	
		For Work In Restricted Working Space, Add	*180.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0825	LF	78" x 84", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	717.32	364.66
		For Seal Class B, Add	*91.17*	
		For Seal Class A, Add	*194.49*	
		For Work In Restricted Working Space, Add	*182.33*	
23 31 13 13-0826	LF	80" x 80", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	708.45	360.15
		For Seal Class B, Add	*90.04*	
		For Seal Class A, Add	*192.08*	
		For Work In Restricted Working Space, Add	*180.08*	
23 31 13 13-0827	LF	80" x 82", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	717.32	364.66
		For Seal Class B, Add	*91.17*	
		For Seal Class A, Add	*194.49*	
		For Work In Restricted Working Space, Add	*182.33*	
23 31 13 13-0828	LF	80" x 84", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	726.18	369.16
		For Seal Class B, Add	*92.29*	
		For Seal Class A, Add	*196.88*	
		For Work In Restricted Working Space, Add	*184.58*	
23 31 13 13-0829	LF	82" x 82", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	726.18	369.16
		For Seal Class B, Add	*92.29*	
		For Seal Class A, Add	*196.88*	
		For Work In Restricted Working Space, Add	*184.58*	
23 31 13 13-0830	LF	82" x 84", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	735.03	373.67
		For Seal Class B, Add	*93.42*	
		For Seal Class A, Add	*199.29*	
		For Work In Restricted Working Space, Add	*186.83*	
23 31 13 13-0831	LF	84" x 84", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	743.89	378.16
		For Seal Class B, Add	*94.54*	
		For Seal Class A, Add	*201.69*	
		For Work In Restricted Working Space, Add	*189.08*	

23 31 13 13-0832 18 Gauge Galvanized Steel Metal Ductwork *(23 31 13 13-0014)*

Note: Seal Class C

23 31 13 13-0833	LF	4" x 4", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	46.13	23.44
		For Seal Class B, Add	*5.86*	
		For Seal Class A, Add	*12.51*	
		For Work In Restricted Working Space, Add	*11.72*	
23 31 13 13-0834	LF	4" x 6", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	57.64	29.30
		For Seal Class B, Add	*7.33*	
		For Seal Class A, Add	*15.63*	
		For Work In Restricted Working Space, Add	*14.65*	
23 31 13 13-0835	LF	4" x 8", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	69.17	35.17
		For Seal Class B, Add	*8.79*	
		For Seal Class A, Add	*18.76*	
		For Work In Restricted Working Space, Add	*17.58*	
23 31 13 13-0836	LF	4" x 10", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	80.70	41.03
		For Seal Class B, Add	*10.26*	
		For Seal Class A, Add	*21.88*	
		For Work In Restricted Working Space, Add	*20.51*	
23 31 13 13-0837	LF	4" x 12", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	92.25	46.90
		For Seal Class B, Add	*11.72*	
		For Seal Class A, Add	*25.01*	
		For Work In Restricted Working Space, Add	*23.45*	
23 31 13 13-0838	LF	4" x 14", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	103.76	52.75
		For Seal Class B, Add	*13.19*	
		For Seal Class A, Add	*28.13*	
		For Work In Restricted Working Space, Add	*26.37*	
23 31 13 13-0839	LF	4" x 16", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	115.30	58.61
		For Seal Class B, Add	*14.65*	
		For Seal Class A, Add	*31.26*	
		For Work In Restricted Working Space, Add	*29.31*	
23 31 13 13-0840	LF	6" x 6", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	69.17	35.17
		For Seal Class B, Add	*8.79*	
		For Seal Class A, Add	*18.76*	
		For Work In Restricted Working Space, Add	*17.58*	
23 31 13 13-0841	LF	6" x 8", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	80.70	41.03
		For Seal Class B, Add	*10.26*	
		For Seal Class A, Add	*21.88*	
		For Work In Restricted Working Space, Add	*20.51*	
23 31 13 13-0842	LF	6" x 10", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	92.25	46.90
		For Seal Class B, Add	*11.72*	
		For Seal Class A, Add	*25.01*	
		For Work In Restricted Working Space, Add	*23.45*	
23 31 13 13-0843	LF	6" x 12", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	103.76	52.75
		For Seal Class B, Add	*13.19*	
		For Seal Class A, Add	*28.13*	
		For Work In Restricted Working Space, Add	*26.37*	
23 31 13 13-0844	LF	6" x 14", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	115.30	58.61
		For Seal Class B, Add	*14.65*	
		For Seal Class A, Add	*31.26*	
		For Work In Restricted Working Space, Add	*29.31*	
23 31 13 13-0845	LF	6" x 16", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	126.82	64.48
		For Seal Class B, Add	*16.12*	
		For Seal Class A, Add	*34.39*	
		For Work In Restricted Working Space, Add	*32.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0846	LF	8" x 8", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	92.25	46.90
		For Seal Class B, Add	*11.72*	
		For Seal Class A, Add	*25.01*	
		For Work In Restricted Working Space, Add	*23.45*	
23 31 13 13-0847	LF	8" x 10", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	103.76	52.75
		For Seal Class B, Add	*13.19*	
		For Seal Class A, Add	*28.13*	
		For Work In Restricted Working Space, Add	*26.37*	
23 31 13 13-0848	LF	8" x 12", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	115.30	58.61
		For Seal Class B, Add	*14.65*	
		For Seal Class A, Add	*31.26*	
		For Work In Restricted Working Space, Add	*29.31*	
23 31 13 13-0849	LF	8" x 14", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	126.82	64.48
		For Seal Class B, Add	*16.12*	
		For Seal Class A, Add	*34.39*	
		For Work In Restricted Working Space, Add	*32.24*	
23 31 13 13-0850	LF	8" x 16", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	138.35	70.33
		For Seal Class B, Add	*17.58*	
		For Seal Class A, Add	*37.51*	
		For Work In Restricted Working Space, Add	*35.17*	
23 31 13 13-0851	LF	8" x 18", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	149.89	76.19
		For Seal Class B, Add	*19.05*	
		For Seal Class A, Add	*40.64*	
		For Work In Restricted Working Space, Add	*38.10*	
23 31 13 13-0852	LF	8" x 20", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	161.42	82.06
		For Seal Class B, Add	*20.51*	
		For Seal Class A, Add	*43.76*	
		For Work In Restricted Working Space, Add	*41.03*	
23 31 13 13-0853	LF	8" x 22", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	172.94	87.91
		For Seal Class B, Add	*21.98*	
		For Seal Class A, Add	*46.89*	
		For Work In Restricted Working Space, Add	*43.96*	
23 31 13 13-0854	LF	8" x 24", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	184.47	93.78
		For Seal Class B, Add	*23.45*	
		For Seal Class A, Add	*50.02*	
		For Work In Restricted Working Space, Add	*46.89*	
23 31 13 13-0855	LF	10" x 10", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	115.30	58.61
		For Seal Class B, Add	*14.65*	
		For Seal Class A, Add	*31.26*	
		For Work In Restricted Working Space, Add	*29.31*	
23 31 13 13-0856	LF	10" x 12", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	126.82	64.48
		For Seal Class B, Add	*16.12*	
		For Seal Class A, Add	*34.39*	
		For Work In Restricted Working Space, Add	*32.24*	
23 31 13 13-0857	LF	10" x 14", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	138.35	70.33
		For Seal Class B, Add	*17.58*	
		For Seal Class A, Add	*37.51*	
		For Work In Restricted Working Space, Add	*35.17*	
23 31 13 13-0858	LF	10" x 16", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	149.89	76.19
		For Seal Class B, Add	*19.05*	
		For Seal Class A, Add	*40.64*	
		For Work In Restricted Working Space, Add	*38.10*	
23 31 13 13-0859	LF	10" x 18", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	161.42	82.06
		For Seal Class B, Add	*20.51*	
		For Seal Class A, Add	*43.76*	
		For Work In Restricted Working Space, Add	*41.03*	
23 31 13 13-0860	LF	10" x 20", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	172.94	87.91
		For Seal Class B, Add	*21.98*	
		For Seal Class A, Add	*46.89*	
		For Work In Restricted Working Space, Add	*43.96*	
23 31 13 13-0861	LF	10" x 22", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	184.47	93.78
		For Seal Class B, Add	*23.45*	
		For Seal Class A, Add	*50.02*	
		For Work In Restricted Working Space, Add	*46.89*	
23 31 13 13-0862	LF	10" x 24", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	195.99	99.65
		For Seal Class B, Add	*24.91*	
		For Seal Class A, Add	*53.14*	
		For Work In Restricted Working Space, Add	*49.82*	
23 31 13 13-0863	LF	10" x 26", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	207.55	105.50
		For Seal Class B, Add	*26.38*	
		For Seal Class A, Add	*56.27*	
		For Work In Restricted Working Space, Add	*52.75*	
23 31 13 13-0864	LF	10" x 28", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	219.07	111.37
		For Seal Class B, Add	*27.84*	
		For Seal Class A, Add	*59.40*	
		For Work In Restricted Working Space, Add	*55.68*	
23 31 13 13-0865	LF	10" x 30", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	230.60	117.23
		For Seal Class B, Add	*29.31*	
		For Seal Class A, Add	*62.52*	
		For Work In Restricted Working Space, Add	*58.61*	
23 31 13 13-0866	LF	10" x 32", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	242.11	123.08
		For Seal Class B, Add	*30.77*	
		For Seal Class A, Add	*65.64*	
		For Work In Restricted Working Space, Add	*61.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0867	LF	12" x 12", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	138.35	70.33
		For Seal Class B, Add	*17.58*	
		For Seal Class A, Add	*37.51*	
		For Work In Restricted Working Space, Add	*35.17*	
23 31 13 13-0868	LF	12" x 14", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	149.89	76.19
		For Seal Class B, Add	*19.05*	
		For Seal Class A, Add	*40.64*	
		For Work In Restricted Working Space, Add	*38.10*	
23 31 13 13-0869	LF	12" x 16", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	161.42	82.06
		For Seal Class B, Add	*20.51*	
		For Seal Class A, Add	*43.76*	
		For Work In Restricted Working Space, Add	*41.03*	
23 31 13 13-0870	LF	12" x 18", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	172.94	87.91
		For Seal Class B, Add	*21.98*	
		For Seal Class A, Add	*46.89*	
		For Work In Restricted Working Space, Add	*43.96*	
23 31 13 13-0871	LF	12" x 20", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	184.47	93.78
		For Seal Class B, Add	*23.45*	
		For Seal Class A, Add	*50.02*	
		For Work In Restricted Working Space, Add	*46.89*	
23 31 13 13-0872	LF	12" x 22", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	195.99	99.65
		For Seal Class B, Add	*24.91*	
		For Seal Class A, Add	*53.14*	
		For Work In Restricted Working Space, Add	*49.82*	
23 31 13 13-0873	LF	12" x 24", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	207.55	105.50
		For Seal Class B, Add	*26.38*	
		For Seal Class A, Add	*56.27*	
		For Work In Restricted Working Space, Add	*52.75*	
23 31 13 13-0874	LF	12" x 26", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	219.07	111.37
		For Seal Class B, Add	*27.84*	
		For Seal Class A, Add	*59.40*	
		For Work In Restricted Working Space, Add	*55.68*	
23 31 13 13-0875	LF	12" x 28", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	230.60	117.23
		For Seal Class B, Add	*29.31*	
		For Seal Class A, Add	*62.52*	
		For Work In Restricted Working Space, Add	*58.61*	
23 31 13 13-0876	LF	12" x 30", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	242.11	123.08
		For Seal Class B, Add	*30.77*	
		For Seal Class A, Add	*65.64*	
		For Work In Restricted Working Space, Add	*61.54*	
23 31 13 13-0877	LF	12" x 32", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	253.64	128.95
		For Seal Class B, Add	*32.24*	
		For Seal Class A, Add	*68.77*	
		For Work In Restricted Working Space, Add	*64.47*	
23 31 13 13-0878	LF	12" x 34", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	265.19	134.81
		For Seal Class B, Add	*33.70*	
		For Seal Class A, Add	*71.90*	
		For Work In Restricted Working Space, Add	*67.40*	
23 31 13 13-0879	LF	12" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	276.73	140.66
		For Seal Class B, Add	*35.17*	
		For Seal Class A, Add	*75.03*	
		For Work In Restricted Working Space, Add	*70.34*	
23 31 13 13-0880	LF	14" x 14", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	161.42	82.06
		For Seal Class B, Add	*20.51*	
		For Seal Class A, Add	*43.76*	
		For Work In Restricted Working Space, Add	*41.03*	
23 31 13 13-0881	LF	14" x 16", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	172.94	87.91
		For Seal Class B, Add	*21.98*	
		For Seal Class A, Add	*46.89*	
		For Work In Restricted Working Space, Add	*43.96*	
23 31 13 13-0882	LF	14" x 18", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	184.47	93.78
		For Seal Class B, Add	*23.45*	
		For Seal Class A, Add	*50.02*	
		For Work In Restricted Working Space, Add	*46.89*	
23 31 13 13-0883	LF	14" x 20", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	195.99	99.65
		For Seal Class B, Add	*24.91*	
		For Seal Class A, Add	*53.14*	
		For Work In Restricted Working Space, Add	*49.82*	
23 31 13 13-0884	LF	14" x 22", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	207.55	105.50
		For Seal Class B, Add	*26.38*	
		For Seal Class A, Add	*56.27*	
		For Work In Restricted Working Space, Add	*52.75*	
23 31 13 13-0885	LF	14" x 24", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	219.07	111.37
		For Seal Class B, Add	*27.84*	
		For Seal Class A, Add	*59.40*	
		For Work In Restricted Working Space, Add	*55.68*	
23 31 13 13-0886	LF	14" x 26", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	230.60	117.23
		For Seal Class B, Add	*29.31*	
		For Seal Class A, Add	*62.52*	
		For Work In Restricted Working Space, Add	*58.61*	
23 31 13 13-0887	LF	14" x 28", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	242.11	123.08
		For Seal Class B, Add	*30.77*	
		For Seal Class A, Add	*65.64*	
		For Work In Restricted Working Space, Add	*61.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0888	LF	14" x 30", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	253.64	128.95
		For Seal Class B, Add	*32.24*	
		For Seal Class A, Add	*68.77*	
		For Work In Restricted Working Space, Add	*64.47*	
23 31 13 13-0889	LF	14" x 32", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	265.19	134.81
		For Seal Class B, Add	*33.70*	
		For Seal Class A, Add	*71.90*	
		For Work In Restricted Working Space, Add	*67.40*	
23 31 13 13-0890	LF	14" x 34", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	276.73	140.66
		For Seal Class B, Add	*35.17*	
		For Seal Class A, Add	*75.03*	
		For Work In Restricted Working Space, Add	*70.34*	
23 31 13 13-0891	LF	14" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	288.24	146.53
		For Seal Class B, Add	*36.63*	
		For Seal Class A, Add	*78.15*	
		For Work In Restricted Working Space, Add	*73.27*	
23 31 13 13-0892	LF	16" x 16", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	184.47	93.78
		For Seal Class B, Add	*23.45*	
		For Seal Class A, Add	*50.02*	
		For Work In Restricted Working Space, Add	*46.89*	
23 31 13 13-0893	LF	16" x 18", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	195.99	99.65
		For Seal Class B, Add	*24.91*	
		For Seal Class A, Add	*53.14*	
		For Work In Restricted Working Space, Add	*49.82*	
23 31 13 13-0894	LF	16" x 20", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	207.55	105.50
		For Seal Class B, Add	*26.38*	
		For Seal Class A, Add	*56.27*	
		For Work In Restricted Working Space, Add	*52.75*	
23 31 13 13-0895	LF	16" x 22", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	219.07	111.37
		For Seal Class B, Add	*27.84*	
		For Seal Class A, Add	*59.40*	
		For Work In Restricted Working Space, Add	*55.68*	
23 31 13 13-0896	LF	16" x 24", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	230.60	117.23
		For Seal Class B, Add	*29.31*	
		For Seal Class A, Add	*62.52*	
		For Work In Restricted Working Space, Add	*58.61*	
23 31 13 13-0897	LF	16" x 26", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	242.11	123.08
		For Seal Class B, Add	*30.77*	
		For Seal Class A, Add	*65.64*	
		For Work In Restricted Working Space, Add	*61.54*	
23 31 13 13-0898	LF	16" x 28", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	253.64	128.95
		For Seal Class B, Add	*32.24*	
		For Seal Class A, Add	*68.77*	
		For Work In Restricted Working Space, Add	*64.47*	
23 31 13 13-0899	LF	16" x 30", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	265.19	134.81
		For Seal Class B, Add	*33.70*	
		For Seal Class A, Add	*71.90*	
		For Work In Restricted Working Space, Add	*67.40*	
23 31 13 13-0900	LF	16" x 32", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	276.73	140.66
		For Seal Class B, Add	*35.17*	
		For Seal Class A, Add	*75.03*	
		For Work In Restricted Working Space, Add	*70.34*	
23 31 13 13-0901	LF	16" x 34", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	288.24	146.53
		For Seal Class B, Add	*36.63*	
		For Seal Class A, Add	*78.15*	
		For Work In Restricted Working Space, Add	*73.27*	
23 31 13 13-0902	LF	16" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	299.76	152.39
		For Seal Class B, Add	*38.10*	
		For Seal Class A, Add	*81.27*	
		For Work In Restricted Working Space, Add	*76.19*	
23 31 13 13-0903	LF	16" x 38", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	311.29	158.25
		For Seal Class B, Add	*39.56*	
		For Seal Class A, Add	*84.40*	
		For Work In Restricted Working Space, Add	*79.13*	
23 31 13 13-0904	LF	16" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	322.83	164.12
		For Seal Class B, Add	*41.03*	
		For Seal Class A, Add	*87.53*	
		For Work In Restricted Working Space, Add	*82.06*	
23 31 13 13-0905	LF	16" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	334.36	169.98
		For Seal Class B, Add	*42.49*	
		For Seal Class A, Add	*90.65*	
		For Work In Restricted Working Space, Add	*84.99*	
23 31 13 13-0906	LF	16" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	345.89	175.84
		For Seal Class B, Add	*43.96*	
		For Seal Class A, Add	*93.78*	
		For Work In Restricted Working Space, Add	*87.92*	
23 31 13 13-0907	LF	18" x 18", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	207.55	105.50
		For Seal Class B, Add	*26.38*	
		For Seal Class A, Add	*56.27*	
		For Work In Restricted Working Space, Add	*52.75*	
23 31 13 13-0908	LF	18" x 20", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	219.07	111.37
		For Seal Class B, Add	*27.84*	
		For Seal Class A, Add	*59.40*	
		For Work In Restricted Working Space, Add	*55.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0909	LF	18" x 22", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	230.60	117.23
		For Seal Class B, Add	*29.31*	
		For Seal Class A, Add	*62.52*	
		For Work In Restricted Working Space, Add	*58.61*	
23 31 13 13-0910	LF	18" x 24", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	242.11	123.08
		For Seal Class B, Add	*30.77*	
		For Seal Class A, Add	*65.64*	
		For Work In Restricted Working Space, Add	*61.54*	
23 31 13 13-0911	LF	18" x 26", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	253.64	128.95
		For Seal Class B, Add	*32.24*	
		For Seal Class A, Add	*68.77*	
		For Work In Restricted Working Space, Add	*64.47*	
23 31 13 13-0912	LF	18" x 28", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	265.19	134.81
		For Seal Class B, Add	*33.70*	
		For Seal Class A, Add	*71.90*	
		For Work In Restricted Working Space, Add	*67.40*	
23 31 13 13-0913	LF	18" x 30", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	276.73	140.66
		For Seal Class B, Add	*35.17*	
		For Seal Class A, Add	*75.03*	
		For Work In Restricted Working Space, Add	*70.34*	
23 31 13 13-0914	LF	18" x 32", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	288.24	146.53
		For Seal Class B, Add	*36.63*	
		For Seal Class A, Add	*78.15*	
		For Work In Restricted Working Space, Add	*73.27*	
23 31 13 13-0915	LF	18" x 34", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	299.76	152.39
		For Seal Class B, Add	*38.10*	
		For Seal Class A, Add	*81.27*	
		For Work In Restricted Working Space, Add	*76.19*	
23 31 13 13-0916	LF	18" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	311.29	158.25
		For Seal Class B, Add	*39.56*	
		For Seal Class A, Add	*84.40*	
		For Work In Restricted Working Space, Add	*79.13*	
23 31 13 13-0917	LF	18" x 38", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	322.83	164.12
		For Seal Class B, Add	*41.03*	
		For Seal Class A, Add	*87.53*	
		For Work In Restricted Working Space, Add	*82.06*	
23 31 13 13-0918	LF	18" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	334.36	169.98
		For Seal Class B, Add	*42.49*	
		For Seal Class A, Add	*90.65*	
		For Work In Restricted Working Space, Add	*84.99*	
23 31 13 13-0919	LF	18" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	345.89	175.84
		For Seal Class B, Add	*43.96*	
		For Seal Class A, Add	*93.78*	
		For Work In Restricted Working Space, Add	*87.92*	
23 31 13 13-0920	LF	18" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	357.42	181.70
		For Seal Class B, Add	*45.43*	
		For Seal Class A, Add	*96.91*	
		For Work In Restricted Working Space, Add	*90.85*	
23 31 13 13-0921	LF	18" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	368.96	187.56
		For Seal Class B, Add	*46.89*	
		For Seal Class A, Add	*100.03*	
		For Work In Restricted Working Space, Add	*93.78*	
23 31 13 13-0922	LF	20" x 20", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	230.60	117.23
		For Seal Class B, Add	*29.31*	
		For Seal Class A, Add	*62.52*	
		For Work In Restricted Working Space, Add	*58.61*	
23 31 13 13-0923	LF	20" x 22", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	242.11	123.08
		For Seal Class B, Add	*30.77*	
		For Seal Class A, Add	*65.64*	
		For Work In Restricted Working Space, Add	*61.54*	
23 31 13 13-0924	LF	20" x 24", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	253.64	128.95
		For Seal Class B, Add	*32.24*	
		For Seal Class A, Add	*68.77*	
		For Work In Restricted Working Space, Add	*64.47*	
23 31 13 13-0925	LF	20" x 26", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	265.19	134.81
		For Seal Class B, Add	*33.70*	
		For Seal Class A, Add	*71.90*	
		For Work In Restricted Working Space, Add	*67.40*	
23 31 13 13-0926	LF	20" x 28", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	276.73	140.66
		For Seal Class B, Add	*35.17*	
		For Seal Class A, Add	*75.03*	
		For Work In Restricted Working Space, Add	*70.34*	
23 31 13 13-0927	LF	20" x 30", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	288.24	146.53
		For Seal Class B, Add	*36.63*	
		For Seal Class A, Add	*78.15*	
		For Work In Restricted Working Space, Add	*73.27*	
23 31 13 13-0928	LF	20" x 32", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	299.76	152.39
		For Seal Class B, Add	*38.10*	
		For Seal Class A, Add	*81.27*	
		For Work In Restricted Working Space, Add	*76.19*	
23 31 13 13-0929	LF	20" x 34", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	311.29	158.25
		For Seal Class B, Add	*39.56*	
		For Seal Class A, Add	*84.40*	
		For Work In Restricted Working Space, Add	*79.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0930	LF	20" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	322.83	164.12
		For Seal Class B, Add	*41.03*	
		For Seal Class A, Add	*87.53*	
		For Work In Restricted Working Space, Add	*82.06*	
23 31 13 13-0931	LF	20" x 38", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	334.36	169.98
		For Seal Class B, Add	*42.49*	
		For Seal Class A, Add	*90.65*	
		For Work In Restricted Working Space, Add	*84.99*	
23 31 13 13-0932	LF	20" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	345.89	175.84
		For Seal Class B, Add	*43.96*	
		For Seal Class A, Add	*93.78*	
		For Work In Restricted Working Space, Add	*87.92*	
23 31 13 13-0933	LF	20" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	357.42	181.70
		For Seal Class B, Add	*45.43*	
		For Seal Class A, Add	*96.91*	
		For Work In Restricted Working Space, Add	*90.85*	
23 31 13 13-0934	LF	20" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	368.96	187.56
		For Seal Class B, Add	*46.89*	
		For Seal Class A, Add	*100.03*	
		For Work In Restricted Working Space, Add	*93.78*	
23 31 13 13-0935	LF	20" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	380.49	193.42
		For Seal Class B, Add	*48.36*	
		For Seal Class A, Add	*103.16*	
		For Work In Restricted Working Space, Add	*96.71*	
23 31 13 13-0936	LF	20" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	392.00	199.28
		For Seal Class B, Add	*49.82*	
		For Seal Class A, Add	*106.28*	
		For Work In Restricted Working Space, Add	*99.64*	
23 31 13 13-0937	LF	22" x 22", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	253.64	128.95
		For Seal Class B, Add	*32.24*	
		For Seal Class A, Add	*68.77*	
		For Work In Restricted Working Space, Add	*64.47*	
23 31 13 13-0938	LF	22" x 24", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	265.19	134.81
		For Seal Class B, Add	*33.70*	
		For Seal Class A, Add	*71.90*	
		For Work In Restricted Working Space, Add	*67.40*	
23 31 13 13-0939	LF	22" x 26", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	276.73	140.66
		For Seal Class B, Add	*35.17*	
		For Seal Class A, Add	*75.03*	
		For Work In Restricted Working Space, Add	*70.34*	
23 31 13 13-0940	LF	22" x 28", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	288.24	146.53
		For Seal Class B, Add	*36.63*	
		For Seal Class A, Add	*78.15*	
		For Work In Restricted Working Space, Add	*73.27*	
23 31 13 13-0941	LF	22" x 30", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	299.76	152.39
		For Seal Class B, Add	*38.10*	
		For Seal Class A, Add	*81.27*	
		For Work In Restricted Working Space, Add	*76.19*	
23 31 13 13-0942	LF	22" x 32", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	311.29	158.25
		For Seal Class B, Add	*39.56*	
		For Seal Class A, Add	*84.40*	
		For Work In Restricted Working Space, Add	*79.13*	
23 31 13 13-0943	LF	22" x 34", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	322.83	164.12
		For Seal Class B, Add	*41.03*	
		For Seal Class A, Add	*87.53*	
		For Work In Restricted Working Space, Add	*82.06*	
23 31 13 13-0944	LF	22" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	334.36	169.98
		For Seal Class B, Add	*42.49*	
		For Seal Class A, Add	*90.65*	
		For Work In Restricted Working Space, Add	*84.99*	
23 31 13 13-0945	LF	22" x 38", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	345.89	175.84
		For Seal Class B, Add	*43.96*	
		For Seal Class A, Add	*93.78*	
		For Work In Restricted Working Space, Add	*87.92*	
23 31 13 13-0946	LF	22" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	357.42	181.70
		For Seal Class B, Add	*45.43*	
		For Seal Class A, Add	*96.91*	
		For Work In Restricted Working Space, Add	*90.85*	
23 31 13 13-0947	LF	22" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	368.96	187.56
		For Seal Class B, Add	*46.89*	
		For Seal Class A, Add	*100.03*	
		For Work In Restricted Working Space, Add	*93.78*	
23 31 13 13-0948	LF	22" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	380.49	193.42
		For Seal Class B, Add	*48.36*	
		For Seal Class A, Add	*103.16*	
		For Work In Restricted Working Space, Add	*96.71*	
23 31 13 13-0949	LF	22" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	392.00	199.28
		For Seal Class B, Add	*49.82*	
		For Seal Class A, Add	*106.28*	
		For Work In Restricted Working Space, Add	*99.64*	
23 31 13 13-0950	LF	22" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	403.54	205.14
		For Seal Class B, Add	*51.29*	
		For Seal Class A, Add	*109.41*	
		For Work In Restricted Working Space, Add	*102.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0951	LF	24" x 24", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	276.73	140.66
		For Seal Class B, Add	*35.17*	
		For Seal Class A, Add	*75.03*	
		For Work In Restricted Working Space, Add	*70.34*	
23 31 13 13-0952	LF	24" x 26", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	288.24	146.53
		For Seal Class B, Add	*36.63*	
		For Seal Class A, Add	*78.15*	
		For Work In Restricted Working Space, Add	*73.27*	
23 31 13 13-0953	LF	24" x 28", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	299.76	152.39
		For Seal Class B, Add	*38.10*	
		For Seal Class A, Add	*81.27*	
		For Work In Restricted Working Space, Add	*76.19*	
23 31 13 13-0954	LF	24" x 30", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	311.29	158.25
		For Seal Class B, Add	*39.56*	
		For Seal Class A, Add	*84.40*	
		For Work In Restricted Working Space, Add	*79.13*	
23 31 13 13-0955	LF	24" x 32", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	322.83	164.12
		For Seal Class B, Add	*41.03*	
		For Seal Class A, Add	*87.53*	
		For Work In Restricted Working Space, Add	*82.06*	
23 31 13 13-0956	LF	24" x 34", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	334.36	169.98
		For Seal Class B, Add	*42.49*	
		For Seal Class A, Add	*90.65*	
		For Work In Restricted Working Space, Add	*84.99*	
23 31 13 13-0957	LF	24" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	345.89	175.84
		For Seal Class B, Add	*43.96*	
		For Seal Class A, Add	*93.78*	
		For Work In Restricted Working Space, Add	*87.92*	
23 31 13 13-0958	LF	24" x 38", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	357.42	181.70
		For Seal Class B, Add	*45.43*	
		For Seal Class A, Add	*96.91*	
		For Work In Restricted Working Space, Add	*90.85*	
23 31 13 13-0959	LF	24" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	368.96	187.56
		For Seal Class B, Add	*46.89*	
		For Seal Class A, Add	*100.03*	
		For Work In Restricted Working Space, Add	*93.78*	
23 31 13 13-0960	LF	24" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	380.49	193.42
		For Seal Class B, Add	*48.36*	
		For Seal Class A, Add	*103.16*	
		For Work In Restricted Working Space, Add	*96.71*	
23 31 13 13-0961	LF	24" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	392.00	199.28
		For Seal Class B, Add	*49.82*	
		For Seal Class A, Add	*106.28*	
		For Work In Restricted Working Space, Add	*99.64*	
23 31 13 13-0962	LF	24" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	403.54	205.14
		For Seal Class B, Add	*51.29*	
		For Seal Class A, Add	*109.41*	
		For Work In Restricted Working Space, Add	*102.57*	
23 31 13 13-0963	LF	24" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	415.06	211.00
		For Seal Class B, Add	*52.75*	
		For Seal Class A, Add	*112.53*	
		For Work In Restricted Working Space, Add	*105.50*	
23 31 13 13-0964	LF	26" x 26", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	299.76	152.39
		For Seal Class B, Add	*38.10*	
		For Seal Class A, Add	*81.27*	
		For Work In Restricted Working Space, Add	*76.19*	
23 31 13 13-0965	LF	26" x 28", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	311.29	158.25
		For Seal Class B, Add	*39.56*	
		For Seal Class A, Add	*84.40*	
		For Work In Restricted Working Space, Add	*79.13*	
23 31 13 13-0966	LF	26" x 30", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	322.83	164.12
		For Seal Class B, Add	*41.03*	
		For Seal Class A, Add	*87.53*	
		For Work In Restricted Working Space, Add	*82.06*	
23 31 13 13-0967	LF	26" x 32", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	334.36	169.98
		For Seal Class B, Add	*42.49*	
		For Seal Class A, Add	*90.65*	
		For Work In Restricted Working Space, Add	*84.99*	
23 31 13 13-0968	LF	26" x 34", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	345.89	175.84
		For Seal Class B, Add	*43.96*	
		For Seal Class A, Add	*93.78*	
		For Work In Restricted Working Space, Add	*87.92*	
23 31 13 13-0969	LF	26" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	357.42	181.70
		For Seal Class B, Add	*45.43*	
		For Seal Class A, Add	*96.91*	
		For Work In Restricted Working Space, Add	*90.85*	
23 31 13 13-0970	LF	26" x 38", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	368.96	187.56
		For Seal Class B, Add	*46.89*	
		For Seal Class A, Add	*100.03*	
		For Work In Restricted Working Space, Add	*93.78*	
23 31 13 13-0971	LF	26" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	380.49	193.42
		For Seal Class B, Add	*48.36*	
		For Seal Class A, Add	*103.16*	
		For Work In Restricted Working Space, Add	*96.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0972	LF	26" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	392.00	199.28
		For Seal Class B, Add	*49.82*	
		For Seal Class A, Add	*106.28*	
		For Work In Restricted Working Space, Add	*99.64*	
23 31 13 13-0973	LF	26" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	403.54	205.14
		For Seal Class B, Add	*51.29*	
		For Seal Class A, Add	*109.41*	
		For Work In Restricted Working Space, Add	*102.57*	
23 31 13 13-0974	LF	26" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	415.06	211.00
		For Seal Class B, Add	*52.75*	
		For Seal Class A, Add	*112.53*	
		For Work In Restricted Working Space, Add	*105.50*	
23 31 13 13-0975	LF	26" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	426.62	216.86
		For Seal Class B, Add	*54.22*	
		For Seal Class A, Add	*115.66*	
		For Work In Restricted Working Space, Add	*108.44*	
23 31 13 13-0976	LF	28" x 28", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	322.83	164.12
		For Seal Class B, Add	*41.03*	
		For Seal Class A, Add	*87.53*	
		For Work In Restricted Working Space, Add	*82.06*	
23 31 13 13-0977	LF	28" x 30", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	334.36	169.98
		For Seal Class B, Add	*42.49*	
		For Seal Class A, Add	*90.65*	
		For Work In Restricted Working Space, Add	*84.99*	
23 31 13 13-0978	LF	28" x 32", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	345.89	175.84
		For Seal Class B, Add	*43.96*	
		For Seal Class A, Add	*93.78*	
		For Work In Restricted Working Space, Add	*87.92*	
23 31 13 13-0979	LF	28" x 34", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	357.42	181.70
		For Seal Class B, Add	*45.43*	
		For Seal Class A, Add	*96.91*	
		For Work In Restricted Working Space, Add	*90.85*	
23 31 13 13-0980	LF	28" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	368.96	187.56
		For Seal Class B, Add	*46.89*	
		For Seal Class A, Add	*100.03*	
		For Work In Restricted Working Space, Add	*93.78*	
23 31 13 13-0981	LF	28" x 38", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	380.49	193.42
		For Seal Class B, Add	*48.36*	
		For Seal Class A, Add	*103.16*	
		For Work In Restricted Working Space, Add	*96.71*	
23 31 13 13-0982	LF	28" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	392.00	199.28
		For Seal Class B, Add	*49.82*	
		For Seal Class A, Add	*106.28*	
		For Work In Restricted Working Space, Add	*99.64*	
23 31 13 13-0983	LF	28" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	403.54	205.14
		For Seal Class B, Add	*51.29*	
		For Seal Class A, Add	*109.41*	
		For Work In Restricted Working Space, Add	*102.57*	
23 31 13 13-0984	LF	28" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	415.06	211.00
		For Seal Class B, Add	*52.75*	
		For Seal Class A, Add	*112.53*	
		For Work In Restricted Working Space, Add	*105.50*	
23 31 13 13-0985	LF	28" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	426.62	216.86
		For Seal Class B, Add	*54.22*	
		For Seal Class A, Add	*115.66*	
		For Work In Restricted Working Space, Add	*108.44*	
23 31 13 13-0986	LF	28" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	438.13	222.72
		For Seal Class B, Add	*55.68*	
		For Seal Class A, Add	*118.79*	
		For Work In Restricted Working Space, Add	*111.36*	
23 31 13 13-0987	LF	30" x 30", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	345.89	175.84
		For Seal Class B, Add	*43.96*	
		For Seal Class A, Add	*93.78*	
		For Work In Restricted Working Space, Add	*87.92*	
23 31 13 13-0988	LF	30" x 32", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	357.42	181.70
		For Seal Class B, Add	*45.43*	
		For Seal Class A, Add	*96.91*	
		For Work In Restricted Working Space, Add	*90.85*	
23 31 13 13-0989	LF	30" x 34", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	368.96	187.56
		For Seal Class B, Add	*46.89*	
		For Seal Class A, Add	*100.03*	
		For Work In Restricted Working Space, Add	*93.78*	
23 31 13 13-0990	LF	30" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	380.49	193.42
		For Seal Class B, Add	*48.36*	
		For Seal Class A, Add	*103.16*	
		For Work In Restricted Working Space, Add	*96.71*	
23 31 13 13-0991	LF	30" x 38", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	392.00	199.28
		For Seal Class B, Add	*49.82*	
		For Seal Class A, Add	*106.28*	
		For Work In Restricted Working Space, Add	*99.64*	
23 31 13 13-0992	LF	30" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	403.54	205.14
		For Seal Class B, Add	*51.29*	
		For Seal Class A, Add	*109.41*	
		For Work In Restricted Working Space, Add	*102.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0993	LF	30" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	415.06	211.00
		For Seal Class B, Add	*52.75*	
		For Seal Class A, Add	*112.53*	
		For Work In Restricted Working Space, Add	*105.50*	
23 31 13 13-0994	LF	30" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	426.62	216.86
		For Seal Class B, Add	*54.22*	
		For Seal Class A, Add	*115.66*	
		For Work In Restricted Working Space, Add	*108.44*	
23 31 13 13-0995	LF	30" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	438.13	222.72
		For Seal Class B, Add	*55.68*	
		For Seal Class A, Add	*118.79*	
		For Work In Restricted Working Space, Add	*111.36*	
23 31 13 13-0996	LF	30" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	449.66	228.60
		For Seal Class B, Add	*57.15*	
		For Seal Class A, Add	*121.91*	
		For Work In Restricted Working Space, Add	*114.29*	
23 31 13 13-0997	LF	32" x 32", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	368.96	187.56
		For Seal Class B, Add	*46.89*	
		For Seal Class A, Add	*100.03*	
		For Work In Restricted Working Space, Add	*93.78*	
23 31 13 13-0998	LF	32" x 34", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	380.49	193.42
		For Seal Class B, Add	*48.36*	
		For Seal Class A, Add	*103.16*	
		For Work In Restricted Working Space, Add	*96.71*	
23 31 13 13-0999	LF	32" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	392.00	199.28
		For Seal Class B, Add	*49.82*	
		For Seal Class A, Add	*106.28*	
		For Work In Restricted Working Space, Add	*99.64*	
23 31 13 13-1000	LF	32" x 38", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	403.54	205.14
		For Seal Class B, Add	*51.29*	
		For Seal Class A, Add	*109.41*	
		For Work In Restricted Working Space, Add	*102.57*	
23 31 13 13-1001	LF	32" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	415.06	211.00
		For Seal Class B, Add	*52.75*	
		For Seal Class A, Add	*112.53*	
		For Work In Restricted Working Space, Add	*105.50*	
23 31 13 13-1002	LF	32" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	426.62	216.86
		For Seal Class B, Add	*54.22*	
		For Seal Class A, Add	*115.66*	
		For Work In Restricted Working Space, Add	*108.44*	
23 31 13 13-1003	LF	32" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	438.13	222.72
		For Seal Class B, Add	*55.68*	
		For Seal Class A, Add	*118.79*	
		For Work In Restricted Working Space, Add	*111.36*	
23 31 13 13-1004	LF	32" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	449.66	228.60
		For Seal Class B, Add	*57.15*	
		For Seal Class A, Add	*121.91*	
		For Work In Restricted Working Space, Add	*114.29*	
23 31 13 13-1005	LF	32" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	461.18	234.46
		For Seal Class B, Add	*58.61*	
		For Seal Class A, Add	*125.04*	
		For Work In Restricted Working Space, Add	*117.23*	
23 31 13 13-1006	LF	34" x 34", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	392.00	199.28
		For Seal Class B, Add	*49.82*	
		For Seal Class A, Add	*106.28*	
		For Work In Restricted Working Space, Add	*99.64*	
23 31 13 13-1007	LF	34" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	403.54	205.14
		For Seal Class B, Add	*51.29*	
		For Seal Class A, Add	*109.41*	
		For Work In Restricted Working Space, Add	*102.57*	
23 31 13 13-1008	LF	34" x 38", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	415.06	211.00
		For Seal Class B, Add	*52.75*	
		For Seal Class A, Add	*112.53*	
		For Work In Restricted Working Space, Add	*105.50*	
23 31 13 13-1009	LF	34" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	426.62	216.86
		For Seal Class B, Add	*54.22*	
		For Seal Class A, Add	*115.66*	
		For Work In Restricted Working Space, Add	*108.44*	
23 31 13 13-1010	LF	34" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	438.13	222.72
		For Seal Class B, Add	*55.68*	
		For Seal Class A, Add	*118.79*	
		For Work In Restricted Working Space, Add	*111.36*	
23 31 13 13-1011	LF	34" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	449.66	228.60
		For Seal Class B, Add	*57.15*	
		For Seal Class A, Add	*121.91*	
		For Work In Restricted Working Space, Add	*114.29*	
23 31 13 13-1012	LF	34" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	461.18	234.46
		For Seal Class B, Add	*58.61*	
		For Seal Class A, Add	*125.04*	
		For Work In Restricted Working Space, Add	*117.23*	
23 31 13 13-1013	LF	34" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	472.71	240.31
		For Seal Class B, Add	*60.08*	
		For Seal Class A, Add	*128.17*	
		For Work In Restricted Working Space, Add	*120.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1014	LF	36" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	415.06	211.00
		For Seal Class B, Add	*52.75*	
		For Seal Class A, Add	*112.53*	
		For Work In Restricted Working Space, Add	*105.50*	
23 31 13 13-1015	LF	36" x 38", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	426.62	216.86
		For Seal Class B, Add	*54.22*	
		For Seal Class A, Add	*115.66*	
		For Work In Restricted Working Space, Add	*108.44*	
23 31 13 13-1016	LF	36" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	438.13	222.72
		For Seal Class B, Add	*55.68*	
		For Seal Class A, Add	*118.79*	
		For Work In Restricted Working Space, Add	*111.36*	
23 31 13 13-1017	LF	36" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	449.66	228.60
		For Seal Class B, Add	*57.15*	
		For Seal Class A, Add	*121.91*	
		For Work In Restricted Working Space, Add	*114.29*	
23 31 13 13-1018	LF	36" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	461.18	234.46
		For Seal Class B, Add	*58.61*	
		For Seal Class A, Add	*125.04*	
		For Work In Restricted Working Space, Add	*117.23*	
23 31 13 13-1019	LF	36" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	472.71	240.31
		For Seal Class B, Add	*60.08*	
		For Seal Class A, Add	*128.17*	
		For Work In Restricted Working Space, Add	*120.16*	
23 31 13 13-1020	LF	36" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	484.25	246.18
		For Seal Class B, Add	*61.54*	
		For Seal Class A, Add	*131.29*	
		For Work In Restricted Working Space, Add	*123.08*	
23 31 13 13-1021	LF	38" x 38", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	438.13	222.72
		For Seal Class B, Add	*55.68*	
		For Seal Class A, Add	*118.79*	
		For Work In Restricted Working Space, Add	*111.36*	
23 31 13 13-1022	LF	38" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	449.66	228.60
		For Seal Class B, Add	*57.15*	
		For Seal Class A, Add	*121.91*	
		For Work In Restricted Working Space, Add	*114.29*	
23 31 13 13-1023	LF	38" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	461.18	234.46
		For Seal Class B, Add	*58.61*	
		For Seal Class A, Add	*125.04*	
		For Work In Restricted Working Space, Add	*117.23*	
23 31 13 13-1024	LF	38" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	472.71	240.31
		For Seal Class B, Add	*60.08*	
		For Seal Class A, Add	*128.17*	
		For Work In Restricted Working Space, Add	*120.16*	
23 31 13 13-1025	LF	38" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	484.25	246.18
		For Seal Class B, Add	*61.54*	
		For Seal Class A, Add	*131.29*	
		For Work In Restricted Working Space, Add	*123.08*	
23 31 13 13-1026	LF	38" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	495.79	252.04
		For Seal Class B, Add	*63.01*	
		For Seal Class A, Add	*134.42*	
		For Work In Restricted Working Space, Add	*126.02*	
23 31 13 13-1027	LF	38" x 50", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	507.31	257.89
		For Seal Class B, Add	*64.47*	
		For Seal Class A, Add	*137.55*	
		For Work In Restricted Working Space, Add	*128.95*	
23 31 13 13-1028	LF	40" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	461.18	234.46
		For Seal Class B, Add	*58.61*	
		For Seal Class A, Add	*125.04*	
		For Work In Restricted Working Space, Add	*117.23*	
23 31 13 13-1029	LF	40" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	472.71	240.31
		For Seal Class B, Add	*60.08*	
		For Seal Class A, Add	*128.17*	
		For Work In Restricted Working Space, Add	*120.16*	
23 31 13 13-1030	LF	40" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	484.25	246.18
		For Seal Class B, Add	*61.54*	
		For Seal Class A, Add	*131.29*	
		For Work In Restricted Working Space, Add	*123.08*	
23 31 13 13-1031	LF	40" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	495.79	252.04
		For Seal Class B, Add	*63.01*	
		For Seal Class A, Add	*134.42*	
		For Work In Restricted Working Space, Add	*126.02*	
23 31 13 13-1032	LF	40" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	507.31	257.89
		For Seal Class B, Add	*64.47*	
		For Seal Class A, Add	*137.55*	
		For Work In Restricted Working Space, Add	*128.95*	
23 31 13 13-1033	LF	40" x 50", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	518.84	263.76
		For Seal Class B, Add	*65.94*	
		For Seal Class A, Add	*140.67*	
		For Work In Restricted Working Space, Add	*131.88*	
23 31 13 13-1034	LF	40" x 52", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	530.35	269.62
		For Seal Class B, Add	*67.40*	
		For Seal Class A, Add	*143.80*	
		For Work In Restricted Working Space, Add	*134.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1035	LF	40" x 54", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	541.91	275.47
		For Seal Class B, Add	*68.87*	
		For Seal Class A, Add	*146.92*	
		For Work In Restricted Working Space, Add	*137.74*	
23 31 13 13-1036	LF	40" x 56", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	553.43	281.34
		For Seal Class B, Add	*70.34*	
		For Seal Class A, Add	*150.05*	
		For Work In Restricted Working Space, Add	*140.67*	
23 31 13 13-1037	LF	42" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	484.25	246.18
		For Seal Class B, Add	*61.54*	
		For Seal Class A, Add	*131.29*	
		For Work In Restricted Working Space, Add	*123.08*	
23 31 13 13-1038	LF	42" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	495.79	252.04
		For Seal Class B, Add	*63.01*	
		For Seal Class A, Add	*134.42*	
		For Work In Restricted Working Space, Add	*126.02*	
23 31 13 13-1039	LF	42" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	507.31	257.89
		For Seal Class B, Add	*64.47*	
		For Seal Class A, Add	*137.55*	
		For Work In Restricted Working Space, Add	*128.95*	
23 31 13 13-1040	LF	42" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	518.84	263.76
		For Seal Class B, Add	*65.94*	
		For Seal Class A, Add	*140.67*	
		For Work In Restricted Working Space, Add	*131.88*	
23 31 13 13-1041	LF	42" x 50", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	530.35	269.62
		For Seal Class B, Add	*67.40*	
		For Seal Class A, Add	*143.80*	
		For Work In Restricted Working Space, Add	*134.81*	
23 31 13 13-1042	LF	42" x 52", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	541.91	275.47
		For Seal Class B, Add	*68.87*	
		For Seal Class A, Add	*146.92*	
		For Work In Restricted Working Space, Add	*137.74*	
23 31 13 13-1043	LF	42" x 54", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	553.43	281.34
		For Seal Class B, Add	*70.34*	
		For Seal Class A, Add	*150.05*	
		For Work In Restricted Working Space, Add	*140.67*	
23 31 13 13-1044	LF	42" x 56", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	564.95	287.20
		For Seal Class B, Add	*71.80*	
		For Seal Class A, Add	*153.17*	
		For Work In Restricted Working Space, Add	*143.60*	
23 31 13 13-1045	LF	44" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	507.31	257.89
		For Seal Class B, Add	*64.47*	
		For Seal Class A, Add	*137.55*	
		For Work In Restricted Working Space, Add	*128.95*	
23 31 13 13-1046	LF	44" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	518.84	263.76
		For Seal Class B, Add	*65.94*	
		For Seal Class A, Add	*140.67*	
		For Work In Restricted Working Space, Add	*131.88*	
23 31 13 13-1047	LF	44" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	530.35	269.62
		For Seal Class B, Add	*67.40*	
		For Seal Class A, Add	*143.80*	
		For Work In Restricted Working Space, Add	*134.81*	
23 31 13 13-1048	LF	44" x 50", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	541.91	275.47
		For Seal Class B, Add	*68.87*	
		For Seal Class A, Add	*146.92*	
		For Work In Restricted Working Space, Add	*137.74*	
23 31 13 13-1049	LF	44" x 52", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	553.43	281.34
		For Seal Class B, Add	*70.34*	
		For Seal Class A, Add	*150.05*	
		For Work In Restricted Working Space, Add	*140.67*	
23 31 13 13-1050	LF	44" x 54", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	564.95	287.20
		For Seal Class B, Add	*71.80*	
		For Seal Class A, Add	*153.17*	
		For Work In Restricted Working Space, Add	*143.60*	
23 31 13 13-1051	LF	44" x 56", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	576.48	293.06
		For Seal Class B, Add	*73.27*	
		For Seal Class A, Add	*156.30*	
		For Work In Restricted Working Space, Add	*146.53*	
23 31 13 13-1052	LF	46" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	530.35	269.62
		For Seal Class B, Add	*67.40*	
		For Seal Class A, Add	*143.80*	
		For Work In Restricted Working Space, Add	*134.81*	
23 31 13 13-1053	LF	46" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	541.91	275.47
		For Seal Class B, Add	*68.87*	
		For Seal Class A, Add	*146.92*	
		For Work In Restricted Working Space, Add	*137.74*	
23 31 13 13-1054	LF	46" x 50", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	553.43	281.34
		For Seal Class B, Add	*70.34*	
		For Seal Class A, Add	*150.05*	
		For Work In Restricted Working Space, Add	*140.67*	
23 31 13 13-1055	LF	46" x 52", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	564.95	287.20
		For Seal Class B, Add	*71.80*	
		For Seal Class A, Add	*153.17*	
		For Work In Restricted Working Space, Add	*143.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1056	LF	46" x 54", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	576.48	293.06
		For Seal Class B, Add	*73.27*	
		For Seal Class A, Add	*156.30*	
		For Work In Restricted Working Space, Add	*146.53*	
23 31 13 13-1057	LF	46" x 56", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	597.78	304.79
		For Seal Class B, Add	*76.20*	
		For Seal Class A, Add	*162.55*	
		For Work In Restricted Working Space, Add	*152.39*	
23 31 13 13-1058	LF	46" x 58", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	609.32	310.64
		For Seal Class B, Add	*77.66*	
		For Seal Class A, Add	*165.68*	
		For Work In Restricted Working Space, Add	*155.32*	
23 31 13 13-1059	LF	48" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	553.43	281.34
		For Seal Class B, Add	*70.34*	
		For Seal Class A, Add	*150.05*	
		For Work In Restricted Working Space, Add	*140.67*	
23 31 13 13-1060	LF	48" x 50", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	564.95	287.20
		For Seal Class B, Add	*71.80*	
		For Seal Class A, Add	*153.17*	
		For Work In Restricted Working Space, Add	*143.60*	
23 31 13 13-1061	LF	48" x 52", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	576.48	293.06
		For Seal Class B, Add	*73.27*	
		For Seal Class A, Add	*156.30*	
		For Work In Restricted Working Space, Add	*146.53*	
23 31 13 13-1062	LF	48" x 54", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	588.01	298.93
		For Seal Class B, Add	*74.73*	
		For Seal Class A, Add	*159.43*	
		For Work In Restricted Working Space, Add	*149.46*	
23 31 13 13-1063	LF	48" x 56", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	599.56	304.79
		For Seal Class B, Add	*76.20*	
		For Seal Class A, Add	*162.55*	
		For Work In Restricted Working Space, Add	*152.39*	
23 31 13 13-1064	LF	48" x 58", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	611.08	310.64
		For Seal Class B, Add	*77.66*	
		For Seal Class A, Add	*165.68*	
		For Work In Restricted Working Space, Add	*155.32*	
23 31 13 13-1065	LF	48" x 60", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	622.60	316.51
		For Seal Class B, Add	*79.13*	
		For Seal Class A, Add	*168.80*	
		For Work In Restricted Working Space, Add	*158.25*	
23 31 13 13-1066	LF	50" x 50", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	576.48	293.06
		For Seal Class B, Add	*73.27*	
		For Seal Class A, Add	*156.30*	
		For Work In Restricted Working Space, Add	*146.53*	
23 31 13 13-1067	LF	50" x 52", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	588.01	298.93
		For Seal Class B, Add	*74.73*	
		For Seal Class A, Add	*159.43*	
		For Work In Restricted Working Space, Add	*149.46*	
23 31 13 13-1068	LF	50" x 54", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	599.56	304.79
		For Seal Class B, Add	*76.20*	
		For Seal Class A, Add	*162.55*	
		For Work In Restricted Working Space, Add	*152.39*	
23 31 13 13-1069	LF	50" x 56", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	611.08	310.64
		For Seal Class B, Add	*77.66*	
		For Seal Class A, Add	*165.68*	
		For Work In Restricted Working Space, Add	*155.32*	
23 31 13 13-1070	LF	50" x 58", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	622.60	316.51
		For Seal Class B, Add	*79.13*	
		For Seal Class A, Add	*168.80*	
		For Work In Restricted Working Space, Add	*158.25*	
23 31 13 13-1071	LF	50" x 60", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	634.12	322.37
		For Seal Class B, Add	*80.59*	
		For Seal Class A, Add	*171.93*	
		For Work In Restricted Working Space, Add	*161.18*	
23 31 13 13-1072	LF	52" x 52", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	599.56	304.79
		For Seal Class B, Add	*76.20*	
		For Seal Class A, Add	*162.55*	
		For Work In Restricted Working Space, Add	*152.39*	
23 31 13 13-1073	LF	52" x 54", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	611.08	310.64
		For Seal Class B, Add	*77.66*	
		For Seal Class A, Add	*165.68*	
		For Work In Restricted Working Space, Add	*155.32*	
23 31 13 13-1074	LF	52" x 56", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	622.60	316.51
		For Seal Class B, Add	*79.13*	
		For Seal Class A, Add	*168.80*	
		For Work In Restricted Working Space, Add	*158.25*	
23 31 13 13-1075	LF	52" x 58", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	634.12	322.37
		For Seal Class B, Add	*80.59*	
		For Seal Class A, Add	*171.93*	
		For Work In Restricted Working Space, Add	*161.18*	
23 31 13 13-1076	LF	52" x 60", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	645.66	328.23
		For Seal Class B, Add	*82.06*	
		For Seal Class A, Add	*175.06*	
		For Work In Restricted Working Space, Add	*164.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1077	LF	54" x 54", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	622.60	316.51
		For Seal Class B, Add	*79.13*	
		For Seal Class A, Add	*168.80*	
		For Work In Restricted Working Space, Add	*158.25*	
23 31 13 13-1078	LF	54" x 56", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	634.12	322.37
		For Seal Class B, Add	*80.59*	
		For Seal Class A, Add	*171.93*	
		For Work In Restricted Working Space, Add	*161.18*	
23 31 13 13-1079	LF	54" x 58", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	645.66	328.23
		For Seal Class B, Add	*82.06*	
		For Seal Class A, Add	*175.06*	
		For Work In Restricted Working Space, Add	*164.12*	
23 31 13 13-1080	LF	54" x 60", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	657.20	334.09
		For Seal Class B, Add	*83.52*	
		For Seal Class A, Add	*178.18*	
		For Work In Restricted Working Space, Add	*167.05*	
23 31 13 13-1081	LF	54" x 62", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	668.73	339.95
		For Seal Class B, Add	*84.99*	
		For Seal Class A, Add	*181.31*	
		For Work In Restricted Working Space, Add	*169.98*	
23 31 13 13-1082	LF	54" x 64", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	680.24	345.81
		For Seal Class B, Add	*86.45*	
		For Seal Class A, Add	*184.43*	
		For Work In Restricted Working Space, Add	*172.91*	
23 31 13 13-1083	LF	56" x 56", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	645.66	328.23
		For Seal Class B, Add	*82.06*	
		For Seal Class A, Add	*175.06*	
		For Work In Restricted Working Space, Add	*164.12*	
23 31 13 13-1084	LF	56" x 58", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	657.20	334.09
		For Seal Class B, Add	*83.52*	
		For Seal Class A, Add	*178.18*	
		For Work In Restricted Working Space, Add	*167.05*	
23 31 13 13-1085	LF	56" x 60", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	668.73	339.95
		For Seal Class B, Add	*84.99*	
		For Seal Class A, Add	*181.31*	
		For Work In Restricted Working Space, Add	*169.98*	
23 31 13 13-1086	LF	56" x 62", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	680.24	345.81
		For Seal Class B, Add	*86.45*	
		For Seal Class A, Add	*184.43*	
		For Work In Restricted Working Space, Add	*172.91*	
23 31 13 13-1087	LF	56" x 64", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	691.78	351.67
		For Seal Class B, Add	*87.92*	
		For Seal Class A, Add	*187.56*	
		For Work In Restricted Working Space, Add	*175.84*	
23 31 13 13-1088	LF	58" x 58", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	668.73	339.95
		For Seal Class B, Add	*84.99*	
		For Seal Class A, Add	*181.31*	
		For Work In Restricted Working Space, Add	*169.98*	
23 31 13 13-1089	LF	58" x 60", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	680.24	345.81
		For Seal Class B, Add	*86.45*	
		For Seal Class A, Add	*184.43*	
		For Work In Restricted Working Space, Add	*172.91*	
23 31 13 13-1090	LF	58" x 62", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	691.78	351.67
		For Seal Class B, Add	*87.92*	
		For Seal Class A, Add	*187.56*	
		For Work In Restricted Working Space, Add	*175.84*	
23 31 13 13-1091	LF	58" x 64", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	703.30	357.54
		For Seal Class B, Add	*89.38*	
		For Seal Class A, Add	*190.68*	
		For Work In Restricted Working Space, Add	*178.77*	
23 31 13 13-1092	LF	58" x 66", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	714.85	363.40
		For Seal Class B, Add	*90.85*	
		For Seal Class A, Add	*193.81*	
		For Work In Restricted Working Space, Add	*181.70*	
23 31 13 13-1093	LF	60" x 60", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	691.78	351.67
		For Seal Class B, Add	*87.92*	
		For Seal Class A, Add	*187.56*	
		For Work In Restricted Working Space, Add	*175.84*	
23 31 13 13-1094	LF	60" x 62", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	703.30	357.54
		For Seal Class B, Add	*89.38*	
		For Seal Class A, Add	*190.68*	
		For Work In Restricted Working Space, Add	*178.77*	
23 31 13 13-1095	LF	60" x 64", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	714.85	363.40
		For Seal Class B, Add	*90.85*	
		For Seal Class A, Add	*193.81*	
		For Work In Restricted Working Space, Add	*181.70*	
23 31 13 13-1096	LF	60" x 66", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	726.37	369.26
		For Seal Class B, Add	*92.31*	
		For Seal Class A, Add	*196.94*	
		For Work In Restricted Working Space, Add	*184.63*	
23 31 13 13-1097	LF	60" x 68", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	737.91	375.12
		For Seal Class B, Add	*93.78*	
		For Seal Class A, Add	*200.07*	
		For Work In Restricted Working Space, Add	*187.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1098	LF	62" x 62", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	714.85	363.40
		For Seal Class B, Add	*90.85*	
		For Seal Class A, Add	*193.81*	
		For Work In Restricted Working Space, Add	*181.70*	
23 31 13 13-1099	LF	62" x 64", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	726.37	369.26
		For Seal Class B, Add	*92.31*	
		For Seal Class A, Add	*196.94*	
		For Work In Restricted Working Space, Add	*184.63*	
23 31 13 13-1100	LF	62" x 66", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	737.91	375.12
		For Seal Class B, Add	*93.78*	
		For Seal Class A, Add	*200.07*	
		For Work In Restricted Working Space, Add	*187.56*	
23 31 13 13-1101	LF	62" x 68", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	749.42	380.98
		For Seal Class B, Add	*95.25*	
		For Seal Class A, Add	*203.19*	
		For Work In Restricted Working Space, Add	*190.49*	
23 31 13 13-1102	LF	62" x 70", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	760.95	386.84
		For Seal Class B, Add	*96.71*	
		For Seal Class A, Add	*206.32*	
		For Work In Restricted Working Space, Add	*193.42*	
23 31 13 13-1103	LF	64" x 64", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	737.91	375.12
		For Seal Class B, Add	*93.78*	
		For Seal Class A, Add	*200.07*	
		For Work In Restricted Working Space, Add	*187.56*	
23 31 13 13-1104	LF	64" x 66", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	749.42	380.98
		For Seal Class B, Add	*95.25*	
		For Seal Class A, Add	*203.19*	
		For Work In Restricted Working Space, Add	*190.49*	
23 31 13 13-1105	LF	64" x 68", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	760.95	386.84
		For Seal Class B, Add	*96.71*	
		For Seal Class A, Add	*206.32*	
		For Work In Restricted Working Space, Add	*193.42*	
23 31 13 13-1106	LF	64" x 70", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	772.49	392.70
		For Seal Class B, Add	*98.18*	
		For Seal Class A, Add	*209.44*	
		For Work In Restricted Working Space, Add	*196.35*	
23 31 13 13-1107	LF	66" x 66", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	760.95	386.84
		For Seal Class B, Add	*96.71*	
		For Seal Class A, Add	*206.32*	
		For Work In Restricted Working Space, Add	*193.42*	
23 31 13 13-1108	LF	66" x 68", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	772.49	392.70
		For Seal Class B, Add	*98.18*	
		For Seal Class A, Add	*209.44*	
		For Work In Restricted Working Space, Add	*196.35*	
23 31 13 13-1109	LF	66" x 70", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	784.03	398.57
		For Seal Class B, Add	*99.64*	
		For Seal Class A, Add	*212.57*	
		For Work In Restricted Working Space, Add	*199.28*	
23 31 13 13-1110	LF	66" x 72", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	795.54	404.42
		For Seal Class B, Add	*101.11*	
		For Seal Class A, Add	*215.69*	
		For Work In Restricted Working Space, Add	*202.21*	
23 31 13 13-1111	LF	68" x 68", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	784.03	398.57
		For Seal Class B, Add	*99.64*	
		For Seal Class A, Add	*212.57*	
		For Work In Restricted Working Space, Add	*199.28*	
23 31 13 13-1112	LF	68" x 70", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	795.54	404.42
		For Seal Class B, Add	*101.11*	
		For Seal Class A, Add	*215.69*	
		For Work In Restricted Working Space, Add	*202.21*	
23 31 13 13-1113	LF	68" x 72", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	807.08	410.28
		For Seal Class B, Add	*102.57*	
		For Seal Class A, Add	*218.82*	
		For Work In Restricted Working Space, Add	*205.15*	
23 31 13 13-1114	LF	68" x 74", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	818.59	416.15
		For Seal Class B, Add	*104.04*	
		For Seal Class A, Add	*221.95*	
		For Work In Restricted Working Space, Add	*208.07*	
23 31 13 13-1115	LF	70" x 70", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	807.08	410.28
		For Seal Class B, Add	*102.57*	
		For Seal Class A, Add	*218.82*	
		For Work In Restricted Working Space, Add	*205.15*	
23 31 13 13-1116	LF	70" x 72", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	818.59	416.15
		For Seal Class B, Add	*104.04*	
		For Seal Class A, Add	*221.95*	
		For Work In Restricted Working Space, Add	*208.07*	
23 31 13 13-1117	LF	70" x 74", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	830.16	422.02
		For Seal Class B, Add	*105.50*	
		For Seal Class A, Add	*225.08*	
		For Work In Restricted Working Space, Add	*211.01*	
23 31 13 13-1118	LF	70" x 76", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	841.67	427.87
		For Seal Class B, Add	*106.97*	
		For Seal Class A, Add	*228.20*	
		For Work In Restricted Working Space, Add	*213.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1119	LF	70" x 78", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	853.20	433.74
		For Seal Class B, Add	*108.43*	
		For Seal Class A, Add	*231.32*	
		For Work In Restricted Working Space, Add	*216.87*	
23 31 13 13-1120	LF	70" x 80", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	864.71	439.60
		For Seal Class B, Add	*109.90*	
		For Seal Class A, Add	*234.45*	
		For Work In Restricted Working Space, Add	*219.80*	
23 31 13 13-1121	LF	70" x 82", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	876.25	445.45
		For Seal Class B, Add	*111.36*	
		For Seal Class A, Add	*237.58*	
		For Work In Restricted Working Space, Add	*222.73*	
23 31 13 13-1122	LF	70" x 84", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	887.80	451.32
		For Seal Class B, Add	*112.83*	
		For Seal Class A, Add	*240.70*	
		For Work In Restricted Working Space, Add	*225.66*	
23 31 13 13-1123	LF	70" x 86", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	899.33	457.18
		For Seal Class B, Add	*114.30*	
		For Seal Class A, Add	*243.83*	
		For Work In Restricted Working Space, Add	*228.59*	
23 31 13 13-1124	LF	72" x 72", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	830.16	422.02
		For Seal Class B, Add	*105.50*	
		For Seal Class A, Add	*225.08*	
		For Work In Restricted Working Space, Add	*211.01*	
23 31 13 13-1125	LF	72" x 74", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	841.67	427.87
		For Seal Class B, Add	*106.97*	
		For Seal Class A, Add	*228.20*	
		For Work In Restricted Working Space, Add	*213.94*	
23 31 13 13-1126	LF	72" x 76", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	853.20	433.74
		For Seal Class B, Add	*108.43*	
		For Seal Class A, Add	*231.32*	
		For Work In Restricted Working Space, Add	*216.87*	
23 31 13 13-1127	LF	72" x 78", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	864.71	439.60
		For Seal Class B, Add	*109.90*	
		For Seal Class A, Add	*234.45*	
		For Work In Restricted Working Space, Add	*219.80*	
23 31 13 13-1128	LF	72" x 80", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	876.25	445.45
		For Seal Class B, Add	*111.36*	
		For Seal Class A, Add	*237.58*	
		For Work In Restricted Working Space, Add	*222.73*	
23 31 13 13-1129	LF	72" x 82", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	887.80	451.32
		For Seal Class B, Add	*112.83*	
		For Seal Class A, Add	*240.70*	
		For Work In Restricted Working Space, Add	*225.66*	
23 31 13 13-1130	LF	72" x 84", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	899.33	457.18
		For Seal Class B, Add	*114.30*	
		For Seal Class A, Add	*243.83*	
		For Work In Restricted Working Space, Add	*228.59*	
23 31 13 13-1131	LF	72" x 86", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	910.84	463.03
		For Seal Class B, Add	*115.76*	
		For Seal Class A, Add	*246.95*	
		For Work In Restricted Working Space, Add	*231.52*	
23 31 13 13-1132	LF	74" x 74", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	853.20	433.74
		For Seal Class B, Add	*108.43*	
		For Seal Class A, Add	*231.32*	
		For Work In Restricted Working Space, Add	*216.87*	
23 31 13 13-1133	LF	74" x 76", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	864.71	439.60
		For Seal Class B, Add	*109.90*	
		For Seal Class A, Add	*234.45*	
		For Work In Restricted Working Space, Add	*219.80*	
23 31 13 13-1134	LF	74" x 78", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	876.25	445.45
		For Seal Class B, Add	*111.36*	
		For Seal Class A, Add	*237.58*	
		For Work In Restricted Working Space, Add	*222.73*	
23 31 13 13-1135	LF	74" x 80", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	887.80	451.32
		For Seal Class B, Add	*112.83*	
		For Seal Class A, Add	*240.70*	
		For Work In Restricted Working Space, Add	*225.66*	
23 31 13 13-1136	LF	74" x 82", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	899.33	457.18
		For Seal Class B, Add	*114.30*	
		For Seal Class A, Add	*243.83*	
		For Work In Restricted Working Space, Add	*228.59*	
23 31 13 13-1137	LF	74" x 84", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	910.84	463.03
		For Seal Class B, Add	*115.76*	
		For Seal Class A, Add	*246.95*	
		For Work In Restricted Working Space, Add	*231.52*	
23 31 13 13-1138	LF	74" x 86", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	922.36	468.90
		For Seal Class B, Add	*117.22*	
		For Seal Class A, Add	*250.08*	
		For Work In Restricted Working Space, Add	*234.45*	
23 31 13 13-1139	LF	76" x 76", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	876.25	445.45
		For Seal Class B, Add	*111.36*	
		For Seal Class A, Add	*237.58*	
		For Work In Restricted Working Space, Add	*222.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1140	LF	76" x 78", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	887.80	451.32
		For Seal Class B, Add	*112.83*	
		For Seal Class A, Add	*240.70*	
		For Work In Restricted Working Space, Add	*225.66*	
23 31 13 13-1141	LF	76" x 80", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	899.33	457.18
		For Seal Class B, Add	*114.30*	
		For Seal Class A, Add	*243.83*	
		For Work In Restricted Working Space, Add	*228.59*	
23 31 13 13-1142	LF	76" x 82", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	910.84	463.03
		For Seal Class B, Add	*115.76*	
		For Seal Class A, Add	*246.95*	
		For Work In Restricted Working Space, Add	*231.52*	
23 31 13 13-1143	LF	76" x 84", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	922.36	468.90
		For Seal Class B, Add	*117.22*	
		For Seal Class A, Add	*250.08*	
		For Work In Restricted Working Space, Add	*234.45*	
23 31 13 13-1144	LF	76" x 86", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	933.89	474.76
		For Seal Class B, Add	*118.69*	
		For Seal Class A, Add	*253.21*	
		For Work In Restricted Working Space, Add	*237.38*	
23 31 13 13-1145	LF	78" x 78", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	899.33	457.18
		For Seal Class B, Add	*114.30*	
		For Seal Class A, Add	*243.83*	
		For Work In Restricted Working Space, Add	*228.59*	
23 31 13 13-1146	LF	78" x 80", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	910.84	463.03
		For Seal Class B, Add	*115.76*	
		For Seal Class A, Add	*246.95*	
		For Work In Restricted Working Space, Add	*231.52*	
23 31 13 13-1147	LF	78" x 82", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	922.36	468.90
		For Seal Class B, Add	*117.22*	
		For Seal Class A, Add	*250.08*	
		For Work In Restricted Working Space, Add	*234.45*	
23 31 13 13-1148	LF	78" x 84", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	933.89	474.76
		For Seal Class B, Add	*118.69*	
		For Seal Class A, Add	*253.21*	
		For Work In Restricted Working Space, Add	*237.38*	
23 31 13 13-1149	LF	78" x 86", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	945.43	480.61
		For Seal Class B, Add	*120.15*	
		For Seal Class A, Add	*256.33*	
		For Work In Restricted Working Space, Add	*240.31*	
23 31 13 13-1150	LF	80" x 80", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	922.36	468.90
		For Seal Class B, Add	*117.22*	
		For Seal Class A, Add	*250.08*	
		For Work In Restricted Working Space, Add	*234.45*	
23 31 13 13-1151	LF	80" x 82", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	933.89	474.76
		For Seal Class B, Add	*118.69*	
		For Seal Class A, Add	*253.21*	
		For Work In Restricted Working Space, Add	*237.38*	
23 31 13 13-1152	LF	80" x 84", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	945.43	480.61
		For Seal Class B, Add	*120.15*	
		For Seal Class A, Add	*256.33*	
		For Work In Restricted Working Space, Add	*240.31*	
23 31 13 13-1153	LF	80" x 86", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	966.73	492.35
		For Seal Class B, Add	*123.09*	
		For Seal Class A, Add	*262.58*	
		For Work In Restricted Working Space, Add	*246.17*	
23 31 13 13-1154	LF	82" x 82", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	945.43	480.61
		For Seal Class B, Add	*120.15*	
		For Seal Class A, Add	*256.33*	
		For Work In Restricted Working Space, Add	*240.31*	
23 31 13 13-1155	LF	82" x 84", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	956.97	486.49
		For Seal Class B, Add	*121.62*	
		For Seal Class A, Add	*259.46*	
		For Work In Restricted Working Space, Add	*243.24*	
23 31 13 13-1156	LF	82" x 86", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	968.49	492.35
		For Seal Class B, Add	*123.09*	
		For Seal Class A, Add	*262.58*	
		For Work In Restricted Working Space, Add	*246.17*	
23 31 13 13-1157	LF	84" x 84", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	968.49	492.35
		For Seal Class B, Add	*123.09*	
		For Seal Class A, Add	*262.58*	
		For Work In Restricted Working Space, Add	*246.17*	
23 31 13 13-1158	LF	84" x 86", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	980.02	498.21
		For Seal Class B, Add	*124.55*	
		For Seal Class A, Add	*265.71*	
		For Work In Restricted Working Space, Add	*249.11*	
23 31 13 13-1159	LF	86" x 86", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	991.54	504.07
		For Seal Class B, Add	*126.02*	
		For Seal Class A, Add	*268.84*	
		For Work In Restricted Working Space, Add	*252.03*	

23 31 13 16 Round and Flat-Oval Spiral Ducts *(23 31 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0001		**Low Pressure Round And Flat-Oval Duct** *(23 31 13 16)* Note: 7" diameter round = 4" x 11.85" flat oval. 8" diameter round = 4" x 15" flat oval. 10" diameter round = 4" x 25.99" or 6" x 15.42" or 8" x 11.14" flat oval. 12" diameter round = 6" x 23.28" or 8" x 15.85" flat oval. 14" diameter round = 6" x 32.70" or 8" x 22.14" or 10" x 17.85 or 12" x 15.14" flat oval. 16" diameter round = 6" x 43.70" or 8" x 29.99" or 10" x 24.14" or 12" x 19.85" or 14" x 17.14" flat oval. 18" diameter round = 6" x 59.41" or 8" x 39.42" or 10" x 30.42" or 12" x 24.57" or 14" x 21.85" or 16" x 19.14" flat oval. 20" diameter round = 8" x 51.98" or 10" x 38.27" or 12" x 30.85" or 14" x 26.57" or 16" x 23.85" or 18" x 21.14" flat oval. Includes sealing the joints by tape, mastic, or spray on sealer.		
23 31 13 16-0002		**Galvanized Sheet Metal Round And Flat-Oval Ducts** *(23 31 13 16-0001)* Note: Includes straps and supports.		
23 31 13 16-0003	LF	4" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct	8.34	2.87
		For Seal Class B, Add	*0.88*	
		For Seal Class A, Add	*2.35*	
		For Up To 20', Add	*0.74*	
		For >20' To 50', Add	*0.30*	
		For >200' To 500', Deduct	*-0.18*	
		For >500', Deduct	*-0.31*	
		For 28 Gauge, Deduct	*-0.34*	
		For 24 Gauge, Add	*0.34*	
		For 22 Gauge, Add	*0.68*	
		For 20 Gauge, Add	*1.02*	
		For 18 Gauge, Add	*1.35*	
		For 16 Gauge, Add	*1.66*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*1.82*	
		For Work In Restricted Working Space, Add	*1.76*	
		For Elevated Installation >10' To 15', Add	*0.59*	
		For Elevated Installation >15' To 20', Add	*1.18*	
		For Elevated Installation >20' To 25', Add	*1.47*	
		For Elevated Installation >25' To 30', Add	*2.06*	
		For Elevated Installation >30' To 35', Add	*2.35*	
		For Elevated Installation >35' To 40', Add	*2.94*	
		For Elevated Installation >40', Add	*3.23*	
23 31 13 16-0004	LF	5" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct	9.64	3.26
		For Seal Class B, Add	*0.98*	
		For Seal Class A, Add	*2.61*	
		For Up To 20', Add	*0.93*	
		For >20' To 50', Add	*0.37*	
		For >200' To 500', Deduct	*-0.23*	
		For >500', Deduct	*-0.39*	
		For 28 Gauge, Deduct	*-0.43*	
		For 24 Gauge, Add	*0.43*	
		For 22 Gauge, Add	*0.86*	
		For 20 Gauge, Add	*1.29*	
		For 18 Gauge, Add	*1.71*	
		For 16 Gauge, Add	*2.10*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*2.30*	
		For Work In Restricted Working Space, Add	*1.96*	
		For Elevated Installation >10' To 15', Add	*0.65*	
		For Elevated Installation >15' To 20', Add	*1.31*	
		For Elevated Installation >20' To 25', Add	*1.63*	
		For Elevated Installation >25' To 30', Add	*2.29*	
		For Elevated Installation >30' To 35', Add	*2.61*	
		For Elevated Installation >35' To 40', Add	*3.27*	
		For Elevated Installation >40', Add	*3.59*	
23 31 13 16-0005	LF	6" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct	10.94	3.91
		For Seal Class B, Add	*1.10*	
		For Seal Class A, Add	*2.94*	
		For Up To 20', Add	*1.08*	
		For >20' To 50', Add	*0.43*	
		For >200' To 500', Deduct	*-0.27*	
		For >500', Deduct	*-0.45*	
		For 28 Gauge, Deduct	*-0.50*	
		For 24 Gauge, Add	*0.50*	
		For 22 Gauge, Add	*0.99*	
		For 20 Gauge, Add	*1.49*	
		For 18 Gauge, Add	*1.97*	
		For 16 Gauge, Add	*2.42*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*2.66*	
		For Work In Restricted Working Space, Add	*2.21*	
		For Elevated Installation >10' To 15', Add	*0.74*	
		For Elevated Installation >15' To 20', Add	*1.47*	
		For Elevated Installation >20' To 25', Add	*1.84*	
		For Elevated Installation >25' To 30', Add	*2.57*	
		For Elevated Installation >30' To 35', Add	*2.94*	
		For Elevated Installation >35' To 40', Add	*3.68*	
		For Elevated Installation >40', Add	*4.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0006	LF	7" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct	12.26	4.57
		For Seal Class B, Add	*1.26*	
		For Seal Class A, Add	*3.36*	
		For Up To 20', Add	*1.16*	
		For >20' To 50', Add	*0.46*	
		For >200' To 500', Deduct	*-0.29*	
		For >500', Deduct	*-0.48*	
		For 28 Gauge, Deduct	*-0.54*	
		For 24 Gauge, Add	*0.53*	
		For 22 Gauge, Add	*1.07*	
		For 20 Gauge, Add	*1.60*	
		For 18 Gauge, Add	*2.13*	
		For 16 Gauge, Add	*2.61*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*2.86*	
		For Work In Restricted Working Space, Add	*2.52*	
		For Elevated Installation >10' To 15', Add	*0.84*	
		For Elevated Installation >15' To 20', Add	*1.68*	
		For Elevated Installation >20' To 25', Add	*2.10*	
		For Elevated Installation >25' To 30', Add	*2.94*	
		For Elevated Installation >30' To 35', Add	*3.36*	
		For Elevated Installation >35' To 40', Add	*4.20*	
		For Elevated Installation >40', Add	*4.61*	
23 31 13 16-0007	LF	8" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct	13.94	5.22
		For Seal Class B, Add	*1.47*	
		For Seal Class A, Add	*3.92*	
		For Up To 20', Add	*1.25*	
		For >20' To 50', Add	*0.50*	
		For >200' To 500', Deduct	*-0.31*	
		For >500', Deduct	*-0.52*	
		For 28 Gauge, Deduct	*-0.57*	
		For 24 Gauge, Add	*0.57*	
		For 22 Gauge, Add	*1.14*	
		For 20 Gauge, Add	*1.72*	
		For 18 Gauge, Add	*2.28*	
		For 16 Gauge, Add	*2.80*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*3.07*	
		For Work In Restricted Working Space, Add	*2.94*	
		For Elevated Installation >10' To 15', Add	*0.98*	
		For Elevated Installation >15' To 20', Add	*1.96*	
		For Elevated Installation >20' To 25', Add	*2.45*	
		For Elevated Installation >25' To 30', Add	*3.43*	
		For Elevated Installation >30' To 35', Add	*3.92*	
		For Elevated Installation >35' To 40', Add	*4.90*	
		For Elevated Installation >40', Add	*5.38*	
23 31 13 16-0008	LF	10" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct	17.80	6.53
		For Seal Class B, Add	*1.76*	
		For Seal Class A, Add	*4.70*	
		For Up To 20', Add	*1.82*	
		For >20' To 50', Add	*0.73*	
		For >200' To 500', Deduct	*-0.45*	
		For >500', Deduct	*-0.76*	
		For 28 Gauge, Deduct	*-0.84*	
		For 24 Gauge, Add	*0.83*	
		For 22 Gauge, Add	*1.67*	
		For 20 Gauge, Add	*2.50*	
		For 18 Gauge, Add	*3.33*	
		For 16 Gauge, Add	*4.08*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*4.48*	
		For Work In Restricted Working Space, Add	*3.53*	
		For Elevated Installation >10' To 15', Add	*1.18*	
		For Elevated Installation >15' To 20', Add	*2.35*	
		For Elevated Installation >20' To 25', Add	*2.94*	
		For Elevated Installation >25' To 30', Add	*4.11*	
		For Elevated Installation >30' To 35', Add	*4.70*	
		For Elevated Installation >35' To 40', Add	*5.88*	
		For Elevated Installation >40', Add	*6.46*	
23 31 13 16-0009	LF	12" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct	21.76	8.75
		For Seal Class B, Add	*2.20*	
		For Seal Class A, Add	*5.88*	
		For Up To 20', Add	*2.12*	
		For >20' To 50', Add	*0.85*	
		For >200' To 500', Deduct	*-0.53*	
		For >500', Deduct	*-0.88*	
		For 28 Gauge, Deduct	*-0.98*	
		For 24 Gauge, Add	*0.98*	
		For 22 Gauge, Add	*1.95*	
		For 20 Gauge, Add	*2.93*	
		For 18 Gauge, Add	*3.89*	
		For 16 Gauge, Add	*4.77*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*5.23*	
		For Work In Restricted Working Space, Add	*4.41*	
		For Elevated Installation >10' To 15', Add	*1.47*	
		For Elevated Installation >15' To 20', Add	*2.94*	
		For Elevated Installation >20' To 25', Add	*3.67*	
		For Elevated Installation >25' To 30', Add	*5.14*	
		For Elevated Installation >30' To 35', Add	*5.88*	
		For Elevated Installation >35' To 40', Add	*7.35*	
		For Elevated Installation >40', Add	*8.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0010	LF	14" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct	26.40	13.06
		For Seal Class B, Add	*2.76*	
		For Seal Class A, Add	*7.35*	
		For Up To 20', Add	*2.41*	
		For >20' To 50', Add	*0.96*	
		For >200' To 500', Deduct	*-0.60*	
		For >500', Deduct	*-1.00*	
		For 28 Gauge, Deduct	*-1.11*	
		For 24 Gauge, Add	*1.11*	
		For 22 Gauge, Add	*2.21*	
		For 20 Gauge, Add	*3.32*	
		For 18 Gauge, Add	*4.42*	
		For 16 Gauge, Add	*5.42*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*5.94*	
		For Work In Restricted Working Space, Add	*5.51*	
		For Elevated Installation >10' To 15', Add	*1.84*	
		For Elevated Installation >15' To 20', Add	*3.67*	
		For Elevated Installation >20' To 25', Add	*4.59*	
		For Elevated Installation >25' To 30', Add	*6.43*	
		For Elevated Installation >30' To 35', Add	*7.35*	
		For Elevated Installation >35' To 40', Add	*9.19*	
		For Elevated Installation >40', Add	*10.10*	
23 31 13 16-0011	LF	16" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct	35.52	17.50
		For Seal Class B, Add	*3.67*	
		For Seal Class A, Add	*9.80*	
		For Up To 20', Add	*3.31*	
		For >20' To 50', Add	*1.32*	
		For >200' To 500', Deduct	*-0.83*	
		For >500', Deduct	*-1.38*	
		For 28 Gauge, Deduct	*-1.53*	
		For 24 Gauge, Add	*1.52*	
		For 22 Gauge, Add	*3.04*	
		For 20 Gauge, Add	*4.57*	
		For 18 Gauge, Add	*6.07*	
		For 16 Gauge, Add	*7.45*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*8.16*	
		For Work In Restricted Working Space, Add	*7.35*	
		For Elevated Installation >10' To 15', Add	*2.45*	
		For Elevated Installation >15' To 20', Add	*4.90*	
		For Elevated Installation >20' To 25', Add	*6.12*	
		For Elevated Installation >25' To 30', Add	*8.57*	
		For Elevated Installation >30' To 35', Add	*9.80*	
		For Elevated Installation >35' To 40', Add	*12.25*	
		For Elevated Installation >40', Add	*13.47*	
23 31 13 16-0012	LF	18" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct	50.70	21.02
		For Up To 20', Add	*6.40*	
		For >20' To 50', Add	*2.56*	
		For >200' To 500', Deduct	*-1.60*	
		For >500', Deduct	*-2.67*	
		For 28 Gauge, Deduct	*-2.95*	
		For 24 Gauge, Add	*2.94*	
		For 22 Gauge, Add	*5.87*	
		For 20 Gauge, Add	*8.83*	
		For 18 Gauge, Add	*11.73*	
		For 16 Gauge, Add	*14.39*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*15.78*	
		For Work In Restricted Working Space, Add	*8.81*	
		For Elevated Installation >10' To 15', Add	*2.94*	
		For Elevated Installation >15' To 20', Add	*5.88*	
		For Elevated Installation >20' To 25', Add	*7.35*	
		For Elevated Installation >25' To 30', Add	*10.28*	
		For Elevated Installation >30' To 35', Add	*11.75*	
		For Elevated Installation >35' To 40', Add	*14.69*	
		For Elevated Installation >40', Add	*16.16*	
23 31 13 16-0013	LF	20" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct	57.76	24.28
		For Up To 20', Add	*7.14*	
		For >20' To 50', Add	*2.86*	
		For >200' To 500', Deduct	*-1.79*	
		For >500', Deduct	*-2.98*	
		For 28 Gauge, Deduct	*-3.30*	
		For 24 Gauge, Add	*3.28*	
		For 22 Gauge, Add	*6.56*	
		For 20 Gauge, Add	*9.85*	
		For 18 Gauge, Add	*13.09*	
		For 16 Gauge, Add	*16.07*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*17.61*	
		For Work In Restricted Working Space, Add	*10.19*	
		For Elevated Installation >10' To 15', Add	*3.40*	
		For Elevated Installation >15' To 20', Add	*6.79*	
		For Elevated Installation >20' To 25', Add	*8.49*	
		For Elevated Installation >25' To 30', Add	*11.89*	
		For Elevated Installation >30' To 35', Add	*13.58*	
		For Elevated Installation >35' To 40', Add	*16.98*	
		For Elevated Installation >40', Add	*18.68*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0014		Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbows *(23 31 13 16-0001)* Note: Up to 90 degree.		
23 31 13 16-0015	EA	4" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	41.88	17.43
		For Seal Class B, Add	*5.23*	
		For Seal Class A, Add	*13.94*	
		For 28 Gauge, Deduct	*-0.97*	
		For 24 Gauge, Add	*0.97*	
		For 22 Gauge, Add	*1.93*	
		For 20 Gauge, Add	*2.91*	
		For 18 Gauge, Add	*3.86*	
		For 16 Gauge, Add	*4.74*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*5.19*	
		For Work In Restricted Working Space, Add	*10.46*	
		For Elevated Installation >10' To 15', Add	*3.49*	
		For Elevated Installation >15' To 20', Add	*6.97*	
		For Elevated Installation >20' To 25', Add	*8.72*	
		For Elevated Installation >25' To 30', Add	*12.20*	
		For Elevated Installation >30' To 35', Add	*13.94*	
		For Elevated Installation >35' To 40', Add	*17.43*	
		For Elevated Installation >40', Add	*19.17*	
23 31 13 16-0016	EA	5" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	47.86	20.11
		For Seal Class B, Add	*6.03*	
		For Seal Class A, Add	*16.09*	
		For 28 Gauge, Deduct	*-1.06*	
		For 24 Gauge, Add	*1.05*	
		For 22 Gauge, Add	*2.10*	
		For 20 Gauge, Add	*3.16*	
		For 18 Gauge, Add	*4.20*	
		For 16 Gauge, Add	*5.16*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*5.65*	
		For Work In Restricted Working Space, Add	*12.07*	
		For Elevated Installation >10' To 15', Add	*4.02*	
		For Elevated Installation >15' To 20', Add	*8.04*	
		For Elevated Installation >20' To 25', Add	*10.06*	
		For Elevated Installation >25' To 30', Add	*14.08*	
		For Elevated Installation >30' To 35', Add	*16.09*	
		For Elevated Installation >35' To 40', Add	*20.11*	
		For Elevated Installation >40', Add	*22.12*	
23 31 13 16-0017	EA	6" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	56.13	23.76
		For Seal Class B, Add	*7.13*	
		For Seal Class A, Add	*19.01*	
		For 28 Gauge, Deduct	*-1.19*	
		For 24 Gauge, Add	*1.19*	
		For 22 Gauge, Add	*2.37*	
		For 20 Gauge, Add	*3.56*	
		For 18 Gauge, Add	*4.73*	
		For 16 Gauge, Add	*5.81*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*6.36*	
		For Work In Restricted Working Space, Add	*14.26*	
		For Elevated Installation >10' To 15', Add	*4.75*	
		For Elevated Installation >15' To 20', Add	*9.51*	
		For Elevated Installation >20' To 25', Add	*11.88*	
		For Elevated Installation >25' To 30', Add	*16.64*	
		For Elevated Installation >30' To 35', Add	*19.01*	
		For Elevated Installation >35' To 40', Add	*23.77*	
		For Elevated Installation >40', Add	*26.14*	
23 31 13 16-0018	EA	7" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	71.68	30.55
		For Seal Class B, Add	*9.17*	
		For Seal Class A, Add	*24.44*	
		For 28 Gauge, Deduct	*-1.46*	
		For 24 Gauge, Add	*1.46*	
		For 22 Gauge, Add	*2.91*	
		For 20 Gauge, Add	*4.38*	
		For 18 Gauge, Add	*5.81*	
		For 16 Gauge, Add	*7.13*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*7.82*	
		For Work In Restricted Working Space, Add	*18.33*	
		For Elevated Installation >10' To 15', Add	*6.11*	
		For Elevated Installation >15' To 20', Add	*12.22*	
		For Elevated Installation >20' To 25', Add	*15.28*	
		For Elevated Installation >25' To 30', Add	*21.39*	
		For Elevated Installation >30' To 35', Add	*24.44*	
		For Elevated Installation >35' To 40', Add	*30.56*	
		For Elevated Installation >40', Add	*33.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0019	EA	8" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	85.84	37.22
		For Seal Class B, Add	*11.16*	
		For Seal Class A, Add	*29.77*	
		For 28 Gauge, Deduct	*-1.58*	
		For 24 Gauge, Add	*1.57*	
		For 22 Gauge, Add	*3.14*	
		For 20 Gauge, Add	*4.72*	
		For 18 Gauge, Add	*6.28*	
		For 16 Gauge, Add	*7.70*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*8.44*	
		For Work In Restricted Working Space, Add	*22.33*	
		For Elevated Installation >10' To 15', Add	*7.44*	
		For Elevated Installation >15' To 20', Add	*14.89*	
		For Elevated Installation >20' To 25', Add	*18.61*	
		For Elevated Installation >25' To 30', Add	*26.05*	
		For Elevated Installation >30' To 35', Add	*29.77*	
		For Elevated Installation >35' To 40', Add	*37.22*	
		For Elevated Installation >40', Add	*40.94*	
23 31 13 16-0020	EA	10" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	131.28	58.11
		For Seal Class B, Add	*17.43*	
		For Seal Class A, Add	*46.49*	
		For 28 Gauge, Deduct	*-2.09*	
		For 24 Gauge, Add	*2.08*	
		For 22 Gauge, Add	*4.15*	
		For 20 Gauge, Add	*6.23*	
		For 18 Gauge, Add	*8.28*	
		For 16 Gauge, Add	*10.17*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*11.14*	
		For Work In Restricted Working Space, Add	*34.87*	
		For Elevated Installation >10' To 15', Add	*11.62*	
		For Elevated Installation >15' To 20', Add	*23.24*	
		For Elevated Installation >20' To 25', Add	*29.06*	
		For Elevated Installation >25' To 30', Add	*40.68*	
		For Elevated Installation >30' To 35', Add	*46.49*	
		For Elevated Installation >35' To 40', Add	*58.11*	
		For Elevated Installation >40', Add	*63.92*	
23 31 13 16-0021	EA	12" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	181.02	80.31
		For Seal Class B, Add	*24.09*	
		For Seal Class A, Add	*64.24*	
		For 28 Gauge, Deduct	*-2.83*	
		For 24 Gauge, Add	*2.82*	
		For 22 Gauge, Add	*5.62*	
		For 20 Gauge, Add	*8.45*	
		For 18 Gauge, Add	*11.23*	
		For 16 Gauge, Add	*13.78*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*15.10*	
		For Work In Restricted Working Space, Add	*48.18*	
		For Elevated Installation >10' To 15', Add	*16.06*	
		For Elevated Installation >15' To 20', Add	*32.12*	
		For Elevated Installation >20' To 25', Add	*40.15*	
		For Elevated Installation >25' To 30', Add	*56.21*	
		For Elevated Installation >30' To 35', Add	*64.24*	
		For Elevated Installation >35' To 40', Add	*80.31*	
		For Elevated Installation >40', Add	*88.34*	
23 31 13 16-0022	EA	14" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	221.28	94.99
		For Seal Class B, Add	*28.50*	
		For Seal Class A, Add	*76.00*	
		For 28 Gauge, Deduct	*-4.33*	
		For 24 Gauge, Add	*4.32*	
		For 22 Gauge, Add	*8.62*	
		For 20 Gauge, Add	*12.95*	
		For 18 Gauge, Add	*17.20*	
		For 16 Gauge, Add	*21.11*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*23.15*	
		For Work In Restricted Working Space, Add	*57.00*	
		For Elevated Installation >10' To 15', Add	*19.00*	
		For Elevated Installation >15' To 20', Add	*38.00*	
		For Elevated Installation >20' To 25', Add	*47.50*	
		For Elevated Installation >25' To 30', Add	*66.50*	
		For Elevated Installation >30' To 35', Add	*76.00*	
		For Elevated Installation >35' To 40', Add	*95.00*	
		For Elevated Installation >40', Add	*104.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0023	EA	16" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	253.76	104.46
		For Seal Class B, Add	*31.34*	
		For Seal Class A, Add	*83.57*	
		For 28 Gauge, Deduct	*-6.21*	
		For 24 Gauge, Add	*6.19*	
		For 22 Gauge, Add	*12.35*	
		For 20 Gauge, Add	*18.56*	
		For 18 Gauge, Add	*24.66*	
		For 16 Gauge, Add	*30.26*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*33.17*	
		For Work In Restricted Working Space, Add	*62.68*	
		For Elevated Installation >10' To 15', Add	*20.89*	
		For Elevated Installation >15' To 20', Add	*41.79*	
		For Elevated Installation >20' To 25', Add	*52.23*	
		For Elevated Installation >25' To 30', Add	*73.13*	
		For Elevated Installation >30' To 35', Add	*83.57*	
		For Elevated Installation >35' To 40', Add	*104.47*	
		For Elevated Installation >40', Add	*114.91*	
23 31 13 16-0024	EA	18" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	284.53	108.71
		For Seal Class B, Add	*32.61*	
		For Seal Class A, Add	*86.96*	
		For 28 Gauge, Deduct	*-9.30*	
		For 24 Gauge, Add	*9.26*	
		For 22 Gauge, Add	*18.49*	
		For 20 Gauge, Add	*27.79*	
		For 18 Gauge, Add	*36.92*	
		For 16 Gauge, Add	*45.31*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*49.67*	
		For Work In Restricted Working Space, Add	*65.22*	
		For Elevated Installation >10' To 15', Add	*21.74*	
		For Elevated Installation >15' To 20', Add	*43.48*	
		For Elevated Installation >20' To 25', Add	*54.35*	
		For Elevated Installation >25' To 30', Add	*76.09*	
		For Elevated Installation >30' To 35', Add	*86.96*	
		For Elevated Installation >35' To 40', Add	*108.71*	
		For Elevated Installation >40', Add	*119.58*	
23 31 13 16-0025	EA	20" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	314.08	112.30
		For Seal Class B, Add	*33.69*	
		For Seal Class A, Add	*89.84*	
		For 28 Gauge, Deduct	*-12.39*	
		For 24 Gauge, Add	*12.35*	
		For 22 Gauge, Add	*24.65*	
		For 20 Gauge, Add	*37.05*	
		For 18 Gauge, Add	*49.22*	
		For 16 Gauge, Add	*60.41*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*66.22*	
		For Work In Restricted Working Space, Add	*67.38*	
		For Elevated Installation >10' To 15', Add	*22.46*	
		For Elevated Installation >15' To 20', Add	*44.92*	
		For Elevated Installation >20' To 25', Add	*56.15*	
		For Elevated Installation >25' To 30', Add	*78.61*	
		For Elevated Installation >30' To 35', Add	*89.84*	
		For Elevated Installation >35' To 40', Add	*112.30*	
		For Elevated Installation >40', Add	*123.52*	

23 31 13 16-0026 Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbows *(23 31 13 16-0001)*

23 31 13 16-0027	EA	4" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	35.28	11.75
		For Seal Class B, Add	*4.41*	
		For Seal Class A, Add	*11.75*	
		For 28 Gauge, Deduct	*-0.82*	
		For 24 Gauge, Add	*0.81*	
		For 22 Gauge, Add	*1.63*	
		For 20 Gauge, Add	*2.44*	
		For 18 Gauge, Add	*3.25*	
		For 16 Gauge, Add	*3.98*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*4.37*	
		For Work In Restricted Working Space, Add	*8.81*	
		For Elevated Installation >10' To 15', Add	*2.94*	
		For Elevated Installation >15' To 20', Add	*5.88*	
		For Elevated Installation >20' To 25', Add	*7.35*	
		For Elevated Installation >25' To 30', Add	*10.28*	
		For Elevated Installation >30' To 35', Add	*11.75*	
		For Elevated Installation >35' To 40', Add	*14.69*	
		For Elevated Installation >40', Add	*16.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0028	EA	5" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	40.30	13.45
		For Seal Class B, Add	*5.04*	
		For Seal Class A, Add	*13.43*	
		For 28 Gauge, Deduct	*-0.93*	
		For 24 Gauge, Add	*0.93*	
		For 22 Gauge, Add	*1.85*	
		For 20 Gauge, Add	*2.79*	
		For 18 Gauge, Add	*3.70*	
		For 16 Gauge, Add	*4.54*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*4.98*	
		For Work In Restricted Working Space, Add	*10.07*	
		For Elevated Installation >10' To 15', Add	*3.36*	
		For Elevated Installation >15' To 20', Add	*6.71*	
		For Elevated Installation >20' To 25', Add	*8.39*	
		For Elevated Installation >25' To 30', Add	*11.75*	
		For Elevated Installation >30' To 35', Add	*13.43*	
		For Elevated Installation >35' To 40', Add	*16.79*	
		For Elevated Installation >40', Add	*18.46*	
23 31 13 16-0029	EA	6" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	46.83	15.67
		For Seal Class B, Add	*5.88*	
		For Seal Class A, Add	*15.67*	
		For 28 Gauge, Deduct	*-1.06*	
		For 24 Gauge, Add	*1.06*	
		For 22 Gauge, Add	*2.11*	
		For 20 Gauge, Add	*3.17*	
		For 18 Gauge, Add	*4.21*	
		For 16 Gauge, Add	*5.17*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*5.67*	
		For Work In Restricted Working Space, Add	*11.75*	
		For Elevated Installation >10' To 15', Add	*3.92*	
		For Elevated Installation >15' To 20', Add	*7.83*	
		For Elevated Installation >20' To 25', Add	*9.79*	
		For Elevated Installation >25' To 30', Add	*13.71*	
		For Elevated Installation >30' To 35', Add	*15.67*	
		For Elevated Installation >35' To 40', Add	*19.59*	
		For Elevated Installation >40', Add	*21.54*	
23 31 13 16-0030	EA	7" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	55.13	18.80
		For Seal Class B, Add	*7.05*	
		For Seal Class A, Add	*18.80*	
		For 28 Gauge, Deduct	*-1.12*	
		For 24 Gauge, Add	*1.12*	
		For 22 Gauge, Add	*2.24*	
		For 20 Gauge, Add	*3.36*	
		For 18 Gauge, Add	*4.47*	
		For 16 Gauge, Add	*5.48*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*6.01*	
		For Work In Restricted Working Space, Add	*14.10*	
		For Elevated Installation >10' To 15', Add	*4.70*	
		For Elevated Installation >15' To 20', Add	*9.40*	
		For Elevated Installation >20' To 25', Add	*11.75*	
		For Elevated Installation >25' To 30', Add	*16.45*	
		For Elevated Installation >30' To 35', Add	*18.80*	
		For Elevated Installation >35' To 40', Add	*23.51*	
		For Elevated Installation >40', Add	*25.86*	
23 31 13 16-0031	EA	8" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	68.19	23.51
		For Seal Class B, Add	*8.81*	
		For Seal Class A, Add	*23.50*	
		For 28 Gauge, Deduct	*-1.31*	
		For 24 Gauge, Add	*1.30*	
		For 22 Gauge, Add	*2.60*	
		For 20 Gauge, Add	*3.90*	
		For 18 Gauge, Add	*5.19*	
		For 16 Gauge, Add	*6.37*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*6.98*	
		For Work In Restricted Working Space, Add	*17.63*	
		For Elevated Installation >10' To 15', Add	*5.88*	
		For Elevated Installation >15' To 20', Add	*11.75*	
		For Elevated Installation >20' To 25', Add	*14.69*	
		For Elevated Installation >25' To 30', Add	*20.57*	
		For Elevated Installation >30' To 35', Add	*23.50*	
		For Elevated Installation >35' To 40', Add	*29.38*	
		For Elevated Installation >40', Add	*32.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0032	EA	10" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	91.82	31.34
		For Seal Class B, Add	*11.75*	
		For Seal Class A, Add	*31.34*	
		For 28 Gauge, Deduct	*-1.87*	
		For 24 Gauge, Add	*1.86*	
		For 22 Gauge, Add	*3.71*	
		For 20 Gauge, Add	*5.58*	
		For 18 Gauge, Add	*7.41*	
		For 16 Gauge, Add	*9.09*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*9.97*	
		For Work In Restricted Working Space, Add	*23.51*	
		For Elevated Installation >10' To 15', Add	*7.84*	
		For Elevated Installation >15' To 20', Add	*15.67*	
		For Elevated Installation >20' To 25', Add	*19.59*	
		For Elevated Installation >25' To 30', Add	*27.42*	
		For Elevated Installation >30' To 35', Add	*31.34*	
		For Elevated Installation >35' To 40', Add	*39.18*	
		For Elevated Installation >40', Add	*43.09*	
23 31 13 16-0033	EA	12" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	135.35	47.01
		For Seal Class B, Add	*17.63*	
		For Seal Class A, Add	*47.01*	
		For 28 Gauge, Deduct	*-2.47*	
		For 24 Gauge, Add	*2.46*	
		For 22 Gauge, Add	*4.91*	
		For 20 Gauge, Add	*7.38*	
		For 18 Gauge, Add	*9.80*	
		For 16 Gauge, Add	*12.03*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*13.19*	
		For Work In Restricted Working Space, Add	*35.26*	
		For Elevated Installation >10' To 15', Add	*11.75*	
		For Elevated Installation >15' To 20', Add	*23.51*	
		For Elevated Installation >20' To 25', Add	*29.38*	
		For Elevated Installation >25' To 30', Add	*41.14*	
		For Elevated Installation >30' To 35', Add	*47.01*	
		For Elevated Installation >35' To 40', Add	*58.77*	
		For Elevated Installation >40', Add	*64.64*	
23 31 13 16-0034	EA	14" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	183.51	60.07
		For Seal Class B, Add	*22.52*	
		For Seal Class A, Add	*60.06*	
		For 28 Gauge, Deduct	*-4.62*	
		For 24 Gauge, Add	*4.60*	
		For 22 Gauge, Add	*9.19*	
		For 20 Gauge, Add	*13.81*	
		For 18 Gauge, Add	*18.34*	
		For 16 Gauge, Add	*22.51*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*24.68*	
		For Work In Restricted Working Space, Add	*45.05*	
		For Elevated Installation >10' To 15', Add	*15.02*	
		For Elevated Installation >15' To 20', Add	*30.03*	
		For Elevated Installation >20' To 25', Add	*37.54*	
		For Elevated Installation >25' To 30', Add	*52.56*	
		For Elevated Installation >30' To 35', Add	*60.06*	
		For Elevated Installation >35' To 40', Add	*75.08*	
		For Elevated Installation >40', Add	*82.59*	
23 31 13 16-0035	EA	16" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	230.15	75.74
		For Seal Class B, Add	*28.40*	
		For Seal Class A, Add	*75.74*	
		For 28 Gauge, Deduct	*-5.65*	
		For 24 Gauge, Add	*5.63*	
		For 22 Gauge, Add	*11.24*	
		For 20 Gauge, Add	*16.90*	
		For 18 Gauge, Add	*22.45*	
		For 16 Gauge, Add	*27.55*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*30.20*	
		For Work In Restricted Working Space, Add	*56.80*	
		For Elevated Installation >10' To 15', Add	*18.93*	
		For Elevated Installation >15' To 20', Add	*37.87*	
		For Elevated Installation >20' To 25', Add	*47.34*	
		For Elevated Installation >25' To 30', Add	*66.27*	
		For Elevated Installation >30' To 35', Add	*75.74*	
		For Elevated Installation >35' To 40', Add	*94.67*	
		For Elevated Installation >40', Add	*104.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0036	EA	18" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	260.56	79.00
		For Seal Class B, Add	*29.58*	
		For Seal Class A, Add	*78.87*	
		For 28 Gauge, Deduct	*-8.78*	
		For 24 Gauge, Add	*8.75*	
		For 22 Gauge, Add	*17.46*	
		For 20 Gauge, Add	*26.24*	
		For 18 Gauge, Add	*34.86*	
		For 16 Gauge, Add	*42.79*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*46.91*	
		For Work In Restricted Working Space, Add	*59.15*	
		For Elevated Installation >10' To 15', Add	*19.72*	
		For Elevated Installation >15' To 20', Add	*39.43*	
		For Elevated Installation >20' To 25', Add	*49.29*	
		For Elevated Installation >25' To 30', Add	*69.01*	
		For Elevated Installation >30' To 35', Add	*78.87*	
		For Elevated Installation >35' To 40', Add	*98.59*	
		For Elevated Installation >40', Add	*108.44*	
23 31 13 16-0037	EA	20" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	286.91	80.96
		For Seal Class B, Add	*30.36*	
		For Seal Class A, Add	*80.96*	
		For 28 Gauge, Deduct	*-11.71*	
		For 24 Gauge, Add	*11.66*	
		For 22 Gauge, Add	*23.29*	
		For 20 Gauge, Add	*34.99*	
		For 18 Gauge, Add	*46.49*	
		For 16 Gauge, Add	*57.05*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*62.54*	
		For Work In Restricted Working Space, Add	*60.72*	
		For Elevated Installation >10' To 15', Add	*20.24*	
		For Elevated Installation >15' To 20', Add	*40.48*	
		For Elevated Installation >20' To 25', Add	*50.60*	
		For Elevated Installation >25' To 30', Add	*70.84*	
		For Elevated Installation >30' To 35', Add	*80.96*	
		For Elevated Installation >35' To 40', Add	*101.20*	
		For Elevated Installation >40', Add	*111.31*	

23 31 13 16-0038 Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbows *(23 31 13 16-0001)*

23 31 13 16-0039	EA	4" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	33.09	11.75
		For Seal Class B, Add	*4.41*	
		For Seal Class A, Add	*11.75*	
		For 28 Gauge, Deduct	*-0.51*	
		For 24 Gauge, Add	*0.51*	
		For 22 Gauge, Add	*1.02*	
		For 20 Gauge, Add	*1.54*	
		For 18 Gauge, Add	*2.04*	
		For 16 Gauge, Add	*2.50*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*2.75*	
		For Work In Restricted Working Space, Add	*8.81*	
		For Elevated Installation >10' To 15', Add	*2.94*	
		For Elevated Installation >15' To 20', Add	*5.88*	
		For Elevated Installation >20' To 25', Add	*7.35*	
		For Elevated Installation >25' To 30', Add	*10.28*	
		For Elevated Installation >30' To 35', Add	*11.75*	
		For Elevated Installation >35' To 40', Add	*14.69*	
		For Elevated Installation >40', Add	*16.16*	
23 31 13 16-0040	EA	5" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	38.33	13.45
		For Seal Class B, Add	*5.04*	
		For Seal Class A, Add	*13.43*	
		For 28 Gauge, Deduct	*-0.66*	
		For 24 Gauge, Add	*0.66*	
		For 22 Gauge, Add	*1.31*	
		For 20 Gauge, Add	*1.97*	
		For 18 Gauge, Add	*2.62*	
		For 16 Gauge, Add	*3.21*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*3.52*	
		For Work In Restricted Working Space, Add	*10.07*	
		For Elevated Installation >10' To 15', Add	*3.36*	
		For Elevated Installation >15' To 20', Add	*6.71*	
		For Elevated Installation >20' To 25', Add	*8.39*	
		For Elevated Installation >25' To 30', Add	*11.75*	
		For Elevated Installation >30' To 35', Add	*13.43*	
		For Elevated Installation >35' To 40', Add	*16.79*	
		For Elevated Installation >40', Add	*18.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0041	EA	6" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	44.37	15.67
		For Seal Class B, Add	*5.88*	
		For Seal Class A, Add	*15.67*	
		For 28 Gauge, Deduct	*-0.72*	
		For 24 Gauge, Add	*0.72*	
		For 22 Gauge, Add	*1.43*	
		For 20 Gauge, Add	*2.15*	
		For 18 Gauge, Add	*2.86*	
		For 16 Gauge, Add	*3.51*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*3.85*	
		For Work In Restricted Working Space, Add	*11.75*	
		For Elevated Installation >10' To 15', Add	*3.92*	
		For Elevated Installation >15' To 20', Add	*7.83*	
		For Elevated Installation >20' To 25', Add	*9.79*	
		For Elevated Installation >25' To 30', Add	*13.71*	
		For Elevated Installation >30' To 35', Add	*15.67*	
		For Elevated Installation >35' To 40', Add	*19.59*	
		For Elevated Installation >40', Add	*21.54*	
23 31 13 16-0042	EA	7" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	53.04	18.80
		For Seal Class B, Add	*7.05*	
		For Seal Class A, Add	*18.80*	
		For 28 Gauge, Deduct	*-0.84*	
		For 24 Gauge, Add	*0.83*	
		For 22 Gauge, Add	*1.66*	
		For 20 Gauge, Add	*2.50*	
		For 18 Gauge, Add	*3.32*	
		For 16 Gauge, Add	*4.07*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*4.46*	
		For Work In Restricted Working Space, Add	*14.10*	
		For Elevated Installation >10' To 15', Add	*4.70*	
		For Elevated Installation >15' To 20', Add	*9.40*	
		For Elevated Installation >20' To 25', Add	*11.75*	
		For Elevated Installation >25' To 30', Add	*16.45*	
		For Elevated Installation >30' To 35', Add	*18.80*	
		For Elevated Installation >35' To 40', Add	*23.51*	
		For Elevated Installation >40', Add	*25.86*	
23 31 13 16-0043	EA	8" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	65.62	23.51
		For Seal Class B, Add	*8.81*	
		For Seal Class A, Add	*23.50*	
		For 28 Gauge, Deduct	*-0.95*	
		For 24 Gauge, Add	*0.95*	
		For 22 Gauge, Add	*1.89*	
		For 20 Gauge, Add	*2.84*	
		For 18 Gauge, Add	*3.77*	
		For 16 Gauge, Add	*4.63*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*5.08*	
		For Work In Restricted Working Space, Add	*17.63*	
		For Elevated Installation >10' To 15', Add	*5.88*	
		For Elevated Installation >15' To 20', Add	*11.75*	
		For Elevated Installation >20' To 25', Add	*14.69*	
		For Elevated Installation >25' To 30', Add	*20.57*	
		For Elevated Installation >30' To 35', Add	*23.50*	
		For Elevated Installation >35' To 40', Add	*29.38*	
		For Elevated Installation >40', Add	*32.32*	
23 31 13 16-0044	EA	10" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	88.81	31.34
		For Seal Class B, Add	*11.75*	
		For Seal Class A, Add	*31.34*	
		For 28 Gauge, Deduct	*-1.45*	
		For 24 Gauge, Add	*1.44*	
		For 22 Gauge, Add	*2.88*	
		For 20 Gauge, Add	*4.33*	
		For 18 Gauge, Add	*5.75*	
		For 16 Gauge, Add	*7.06*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*7.74*	
		For Work In Restricted Working Space, Add	*23.51*	
		For Elevated Installation >10' To 15', Add	*7.84*	
		For Elevated Installation >15' To 20', Add	*15.67*	
		For Elevated Installation >20' To 25', Add	*19.59*	
		For Elevated Installation >25' To 30', Add	*27.42*	
		For Elevated Installation >30' To 35', Add	*31.34*	
		For Elevated Installation >35' To 40', Add	*39.18*	
		For Elevated Installation >40', Add	*43.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0045	EA	12" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	131.00	47.01
		For Seal Class B, Add	*17.63*	
		For Seal Class A, Add	*47.01*	
		For 28 Gauge, Deduct	*-1.87*	
		For 24 Gauge, Add	*1.86*	
		For 22 Gauge, Add	*3.71*	
		For 20 Gauge, Add	*5.58*	
		For 18 Gauge, Add	*7.41*	
		For 16 Gauge, Add	*9.09*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*9.97*	
		For Work In Restricted Working Space, Add	*35.26*	
		For Elevated Installation >10' To 15', Add	*11.75*	
		For Elevated Installation >15' To 20', Add	*23.51*	
		For Elevated Installation >20' To 25', Add	*29.38*	
		For Elevated Installation >25' To 30', Add	*41.14*	
		For Elevated Installation >30' To 35', Add	*47.01*	
		For Elevated Installation >35' To 40', Add	*58.77*	
		For Elevated Installation >40', Add	*64.64*	
23 31 13 16-0046	EA	14" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	173.47	60.07
		For Seal Class B, Add	*22.52*	
		For Seal Class A, Add	*60.06*	
		For 28 Gauge, Deduct	*-3.23*	
		For 24 Gauge, Add	*3.22*	
		For 22 Gauge, Add	*6.42*	
		For 20 Gauge, Add	*9.65*	
		For 18 Gauge, Add	*12.82*	
		For 16 Gauge, Add	*15.73*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*17.25*	
		For Work In Restricted Working Space, Add	*45.05*	
		For Elevated Installation >10' To 15', Add	*15.02*	
		For Elevated Installation >15' To 20', Add	*30.03*	
		For Elevated Installation >20' To 25', Add	*37.54*	
		For Elevated Installation >25' To 30', Add	*52.56*	
		For Elevated Installation >30' To 35', Add	*60.06*	
		For Elevated Installation >35' To 40', Add	*75.08*	
		For Elevated Installation >40', Add	*82.59*	
23 31 13 16-0047	EA	16" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	227.56	75.74
		For Seal Class B, Add	*28.40*	
		For Seal Class A, Add	*75.74*	
		For 28 Gauge, Deduct	*-5.29*	
		For 24 Gauge, Add	*5.27*	
		For 22 Gauge, Add	*10.53*	
		For 20 Gauge, Add	*15.82*	
		For 18 Gauge, Add	*21.02*	
		For 16 Gauge, Add	*25.80*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*28.28*	
		For Work In Restricted Working Space, Add	*56.80*	
		For Elevated Installation >10' To 15', Add	*18.93*	
		For Elevated Installation >15' To 20', Add	*37.87*	
		For Elevated Installation >20' To 25', Add	*47.34*	
		For Elevated Installation >25' To 30', Add	*66.27*	
		For Elevated Installation >30' To 35', Add	*75.74*	
		For Elevated Installation >35' To 40', Add	*94.67*	
		For Elevated Installation >40', Add	*104.14*	
23 31 13 16-0048	EA	18" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	243.37	79.00
		For Seal Class B, Add	*29.58*	
		For Seal Class A, Add	*78.87*	
		For 28 Gauge, Deduct	*-6.40*	
		For 24 Gauge, Add	*6.38*	
		For 22 Gauge, Add	*12.73*	
		For 20 Gauge, Add	*19.13*	
		For 18 Gauge, Add	*25.41*	
		For 16 Gauge, Add	*31.19*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*34.19*	
		For Work In Restricted Working Space, Add	*59.15*	
		For Elevated Installation >10' To 15', Add	*19.72*	
		For Elevated Installation >15' To 20', Add	*39.43*	
		For Elevated Installation >20' To 25', Add	*49.29*	
		For Elevated Installation >25' To 30', Add	*69.01*	
		For Elevated Installation >30' To 35', Add	*78.87*	
		For Elevated Installation >35' To 40', Add	*98.59*	
		For Elevated Installation >40', Add	*108.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0049	EA	20" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	261.58	80.96
		For Seal Class B, Add	*30.36*	
		For Seal Class A, Add	*80.96*	
		For 28 Gauge, Deduct	*-8.20*	
		For 24 Gauge, Add	*8.17*	
		For 22 Gauge, Add	*16.31*	
		For 20 Gauge, Add	*24.50*	
		For 18 Gauge, Add	*32.55*	
		For 16 Gauge, Add	*39.95*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*43.80*	
		For Work In Restricted Working Space, Add	*60.72*	
		For Elevated Installation >10' To 15', Add	*20.24*	
		For Elevated Installation >15' To 20', Add	*40.48*	
		For Elevated Installation >20' To 25', Add	*50.60*	
		For Elevated Installation >25' To 30', Add	*70.84*	
		For Elevated Installation >30' To 35', Add	*80.96*	
		For Elevated Installation >35' To 40', Add	*101.20*	
		For Elevated Installation >40', Add	*111.31*	

23 31 13 16-0050 Galvanized Sheet Metal Round And Flat-Oval Tees *(23 31 13 16-0001)*

23 31 13 16-0051	EA	4" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee	52.34	17.63
		For Seal Class B, Add	*6.61*	
		For Seal Class A, Add	*17.63*	
		For 28 Gauge, Deduct	*-1.15*	
		For 24 Gauge, Add	*1.14*	
		For 22 Gauge, Add	*2.28*	
		For 20 Gauge, Add	*3.42*	
		For 18 Gauge, Add	*4.55*	
		For 16 Gauge, Add	*5.58*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*6.12*	
		For Work In Restricted Working Space, Add	*13.22*	
		For Elevated Installation >10' To 15', Add	*4.41*	
		For Elevated Installation >15' To 20', Add	*8.81*	
		For Elevated Installation >20' To 25', Add	*11.02*	
		For Elevated Installation >25' To 30', Add	*15.42*	
		For Elevated Installation >30' To 35', Add	*17.63*	
		For Elevated Installation >35' To 40', Add	*22.04*	
		For Elevated Installation >40', Add	*24.24*	
23 31 13 16-0052	EA	5" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee	61.35	20.11
		For Seal Class B, Add	*7.56*	
		For Seal Class A, Add	*20.15*	
		For 28 Gauge, Deduct	*-1.52*	
		For 24 Gauge, Add	*1.52*	
		For 22 Gauge, Add	*3.02*	
		For 20 Gauge, Add	*4.55*	
		For 18 Gauge, Add	*6.04*	
		For 16 Gauge, Add	*7.41*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*8.13*	
		For Work In Restricted Working Space, Add	*15.11*	
		For Elevated Installation >10' To 15', Add	*5.04*	
		For Elevated Installation >15' To 20', Add	*10.07*	
		For Elevated Installation >20' To 25', Add	*12.59*	
		For Elevated Installation >25' To 30', Add	*17.63*	
		For Elevated Installation >30' To 35', Add	*20.15*	
		For Elevated Installation >35' To 40', Add	*25.19*	
		For Elevated Installation >40', Add	*27.70*	
23 31 13 16-0053	EA	6" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee	70.67	23.51
		For Seal Class B, Add	*8.81*	
		For Seal Class A, Add	*23.50*	
		For 28 Gauge, Deduct	*-1.65*	
		For 24 Gauge, Add	*1.64*	
		For 22 Gauge, Add	*3.28*	
		For 20 Gauge, Add	*4.93*	
		For 18 Gauge, Add	*6.55*	
		For 16 Gauge, Add	*8.04*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*8.81*	
		For Work In Restricted Working Space, Add	*17.63*	
		For Elevated Installation >10' To 15', Add	*5.88*	
		For Elevated Installation >15' To 20', Add	*11.75*	
		For Elevated Installation >20' To 25', Add	*14.69*	
		For Elevated Installation >25' To 30', Add	*20.57*	
		For Elevated Installation >30' To 35', Add	*23.50*	
		For Elevated Installation >35' To 40', Add	*29.38*	
		For Elevated Installation >40', Add	*32.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0054	EA	7" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee	84.22	28.21
		For Seal Class B, Add	*10.58*	
		For Seal Class A, Add	*28.20*	
		For 28 Gauge, Deduct	*-1.90*	
		For 24 Gauge, Add	*1.89*	
		For 22 Gauge, Add	*3.78*	
		For 20 Gauge, Add	*5.68*	
		For 18 Gauge, Add	*7.54*	
		For 16 Gauge, Add	*9.25*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*10.15*	
		For Work In Restricted Working Space, Add	*21.15*	
		For Elevated Installation >10' To 15', Add	*7.05*	
		For Elevated Installation >15' To 20', Add	*14.10*	
		For Elevated Installation >20' To 25', Add	*17.63*	
		For Elevated Installation >25' To 30', Add	*24.68*	
		For Elevated Installation >30' To 35', Add	*28.20*	
		For Elevated Installation >35' To 40', Add	*35.26*	
		For Elevated Installation >40', Add	*38.78*	
23 31 13 16-0055	EA	8" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee	110.32	35.25
		For Seal Class B, Add	*13.22*	
		For Seal Class A, Add	*35.26*	
		For 28 Gauge, Deduct	*-3.07*	
		For 24 Gauge, Add	*3.06*	
		For 22 Gauge, Add	*6.11*	
		For 20 Gauge, Add	*9.18*	
		For 18 Gauge, Add	*12.19*	
		For 16 Gauge, Add	*14.96*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*16.41*	
		For Work In Restricted Working Space, Add	*26.45*	
		For Elevated Installation >10' To 15', Add	*8.82*	
		For Elevated Installation >15' To 20', Add	*17.63*	
		For Elevated Installation >20' To 25', Add	*22.04*	
		For Elevated Installation >25' To 30', Add	*30.85*	
		For Elevated Installation >30' To 35', Add	*35.26*	
		For Elevated Installation >35' To 40', Add	*44.08*	
		For Elevated Installation >40', Add	*48.48*	
23 31 13 16-0056	EA	10" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee	145.81	47.01
		For Seal Class B, Add	*17.63*	
		For Seal Class A, Add	*47.01*	
		For 28 Gauge, Deduct	*-3.92*	
		For 24 Gauge, Add	*3.90*	
		For 22 Gauge, Add	*7.79*	
		For 20 Gauge, Add	*11.71*	
		For 18 Gauge, Add	*15.55*	
		For 16 Gauge, Add	*19.09*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*20.93*	
		For Work In Restricted Working Space, Add	*35.26*	
		For Elevated Installation >10' To 15', Add	*11.75*	
		For Elevated Installation >15' To 20', Add	*23.51*	
		For Elevated Installation >20' To 25', Add	*29.38*	
		For Elevated Installation >25' To 30', Add	*41.14*	
		For Elevated Installation >30' To 35', Add	*47.01*	
		For Elevated Installation >35' To 40', Add	*58.77*	
		For Elevated Installation >40', Add	*64.64*	
23 31 13 16-0057	EA	12" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee	204.53	70.52
		For Seal Class B, Add	*26.44*	
		For Seal Class A, Add	*70.50*	
		For 28 Gauge, Deduct	*-3.92*	
		For 24 Gauge, Add	*3.90*	
		For 22 Gauge, Add	*7.79*	
		For 20 Gauge, Add	*11.71*	
		For 18 Gauge, Add	*15.55*	
		For 16 Gauge, Add	*19.09*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*20.93*	
		For Work In Restricted Working Space, Add	*52.88*	
		For Elevated Installation >10' To 15', Add	*17.63*	
		For Elevated Installation >15' To 20', Add	*35.25*	
		For Elevated Installation >20' To 25', Add	*44.06*	
		For Elevated Installation >25' To 30', Add	*61.69*	
		For Elevated Installation >30' To 35', Add	*70.50*	
		For Elevated Installation >35' To 40', Add	*88.13*	
		For Elevated Installation >40', Add	*96.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0058	EA	14" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee	279.00	89.84
		For Seal Class B, Add	*33.77*	
		For Seal Class A, Add	*90.06*	
		For 28 Gauge, Deduct	*-7.46*	
		For 24 Gauge, Add	*7.43*	
		For 22 Gauge, Add	*14.84*	
		For 20 Gauge, Add	*22.30*	
		For 18 Gauge, Add	*29.62*	
		For 16 Gauge, Add	*36.36*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*39.86*	
		For Work In Restricted Working Space, Add	*67.54*	
		For Elevated Installation >10' To 15', Add	*22.51*	
		For Elevated Installation >15' To 20', Add	*45.03*	
		For Elevated Installation >20' To 25', Add	*56.29*	
		For Elevated Installation >25' To 30', Add	*78.80*	
		For Elevated Installation >30' To 35', Add	*90.06*	
		For Elevated Installation >35' To 40', Add	*112.57*	
		For Elevated Installation >40', Add	*123.83*	
23 31 13 16-0059	EA	16" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee	359.48	113.86
		For Seal Class B, Add	*42.58*	
		For Seal Class A, Add	*113.55*	
		For 28 Gauge, Deduct	*-10.47*	
		For 24 Gauge, Add	*10.43*	
		For 22 Gauge, Add	*20.83*	
		For 20 Gauge, Add	*31.30*	
		For 18 Gauge, Add	*41.59*	
		For 16 Gauge, Add	*51.04*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*55.95*	
		For Work In Restricted Working Space, Add	*85.16*	
		For Elevated Installation >10' To 15', Add	*28.39*	
		For Elevated Installation >15' To 20', Add	*56.77*	
		For Elevated Installation >20' To 25', Add	*70.97*	
		For Elevated Installation >25' To 30', Add	*99.35*	
		For Elevated Installation >30' To 35', Add	*113.55*	
		For Elevated Installation >35' To 40', Add	*141.94*	
		For Elevated Installation >40', Add	*156.13*	
23 31 13 16-0060	EA	18" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee	413.63	126.66
		For Seal Class B, Add	*47.60*	
		For Seal Class A, Add	*126.92*	
		For 28 Gauge, Deduct	*-13.34*	
		For 24 Gauge, Add	*13.29*	
		For 22 Gauge, Add	*26.54*	
		For 20 Gauge, Add	*39.88*	
		For 18 Gauge, Add	*52.98*	
		For 16 Gauge, Add	*65.02*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*71.28*	
		For Work In Restricted Working Space, Add	*95.19*	
		For Elevated Installation >10' To 15', Add	*31.73*	
		For Elevated Installation >15' To 20', Add	*63.46*	
		For Elevated Installation >20' To 25', Add	*79.33*	
		For Elevated Installation >25' To 30', Add	*111.06*	
		For Elevated Installation >30' To 35', Add	*126.92*	
		For Elevated Installation >35' To 40', Add	*158.65*	
		For Elevated Installation >40', Add	*174.52*	
23 31 13 16-0061	EA	20" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee	434.64	131.23
		For Seal Class B, Add	*49.16*	
		For Seal Class A, Add	*131.10*	
		For 28 Gauge, Deduct	*-14.80*	
		For 24 Gauge, Add	*14.75*	
		For 22 Gauge, Add	*29.45*	
		For 20 Gauge, Add	*44.25*	
		For 18 Gauge, Add	*58.79*	
		For 16 Gauge, Add	*72.15*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*79.10*	
		For Work In Restricted Working Space, Add	*98.33*	
		For Elevated Installation >10' To 15', Add	*32.78*	
		For Elevated Installation >15' To 20', Add	*65.55*	
		For Elevated Installation >20' To 25', Add	*81.94*	
		For Elevated Installation >25' To 30', Add	*114.71*	
		For Elevated Installation >30' To 35', Add	*131.10*	
		For Elevated Installation >35' To 40', Add	*163.88*	
		For Elevated Installation >40', Add	*180.26*	

23 31 13 16-0062 Galvanized Sheet Metal Round And Flat-Oval Connectors *(23 31 13 16-0001)*

23 31 13 16-0063	EA	4" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector	23.67	
		For Seal Class B, Add	*3.13*	
		For Seal Class A, Add	*8.36*	
		For Work In Restricted Working Space, Add	*6.27*	
		For Elevated Installation >10' To 15', Add	*2.09*	
		For Elevated Installation >15' To 20', Add	*4.18*	
		For Elevated Installation >20' To 25', Add	*5.22*	
		For Elevated Installation >25' To 30', Add	*7.31*	
		For Elevated Installation >30' To 35', Add	*8.36*	
		For Elevated Installation >35' To 40', Add	*10.45*	
		For Elevated Installation >40', Add	*11.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0064	EA	5" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector	24.94	
		For Seal Class B, Add	*3.29*	
		For Seal Class A, Add	*8.78*	
		For Work In Restricted Working Space, Add	*6.59*	
		For Elevated Installation >10' To 15', Add	*2.20*	
		For Elevated Installation >15' To 20', Add	*4.39*	
		For Elevated Installation >20' To 25', Add	*5.49*	
		For Elevated Installation >25' To 30', Add	*7.69*	
		For Elevated Installation >30' To 35', Add	*8.78*	
		For Elevated Installation >35' To 40', Add	*10.98*	
		For Elevated Installation >40', Add	*12.08*	
23 31 13 16-0065	EA	6" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector	26.72	
		For Seal Class B, Add	*3.53*	
		For Seal Class A, Add	*9.40*	
		For Work In Restricted Working Space, Add	*7.05*	
		For Elevated Installation >10' To 15', Add	*2.35*	
		For Elevated Installation >15' To 20', Add	*4.70*	
		For Elevated Installation >20' To 25', Add	*5.88*	
		For Elevated Installation >25' To 30', Add	*8.23*	
		For Elevated Installation >30' To 35', Add	*9.40*	
		For Elevated Installation >35' To 40', Add	*11.76*	
		For Elevated Installation >40', Add	*12.93*	
23 31 13 16-0066	EA	7" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector	28.48	
		For Seal Class B, Add	*3.72*	
		For Seal Class A, Add	*9.92*	
		For Work In Restricted Working Space, Add	*7.44*	
		For Elevated Installation >10' To 15', Add	*2.48*	
		For Elevated Installation >15' To 20', Add	*4.96*	
		For Elevated Installation >20' To 25', Add	*6.20*	
		For Elevated Installation >25' To 30', Add	*8.68*	
		For Elevated Installation >30' To 35', Add	*9.92*	
		For Elevated Installation >35' To 40', Add	*12.41*	
		For Elevated Installation >40', Add	*13.65*	
23 31 13 16-0067	EA	8" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector	30.91	
		For Seal Class B, Add	*4.02*	
		For Seal Class A, Add	*10.71*	
		For Work In Restricted Working Space, Add	*8.03*	
		For Elevated Installation >10' To 15', Add	*2.68*	
		For Elevated Installation >15' To 20', Add	*5.35*	
		For Elevated Installation >20' To 25', Add	*6.69*	
		For Elevated Installation >25' To 30', Add	*9.37*	
		For Elevated Installation >30' To 35', Add	*10.71*	
		For Elevated Installation >35' To 40', Add	*13.39*	
		For Elevated Installation >40', Add	*14.72*	
23 31 13 16-0068	EA	10" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector	36.43	
		For Seal Class B, Add	*4.49*	
		For Seal Class A, Add	*11.96*	
		For Work In Restricted Working Space, Add	*8.97*	
		For Elevated Installation >10' To 15', Add	*2.99*	
		For Elevated Installation >15' To 20', Add	*5.98*	
		For Elevated Installation >20' To 25', Add	*7.48*	
		For Elevated Installation >25' To 30', Add	*10.47*	
		For Elevated Installation >30' To 35', Add	*11.96*	
		For Elevated Installation >35' To 40', Add	*14.95*	
		For Elevated Installation >40', Add	*16.45*	
23 31 13 16-0069	EA	12" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector	49.66	
		For Seal Class B, Add	*6.27*	
		For Seal Class A, Add	*16.72*	
		For Work In Restricted Working Space, Add	*12.54*	
		For Elevated Installation >10' To 15', Add	*4.18*	
		For Elevated Installation >15' To 20', Add	*8.36*	
		For Elevated Installation >20' To 25', Add	*10.45*	
		For Elevated Installation >25' To 30', Add	*14.63*	
		For Elevated Installation >30' To 35', Add	*16.72*	
		For Elevated Installation >35' To 40', Add	*20.90*	
		For Elevated Installation >40', Add	*22.98*	
23 31 13 16-0070	EA	14" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector	56.71	
		For Seal Class B, Add	*7.13*	
		For Seal Class A, Add	*19.02*	
		For Work In Restricted Working Space, Add	*14.27*	
		For Elevated Installation >10' To 15', Add	*4.76*	
		For Elevated Installation >15' To 20', Add	*9.51*	
		For Elevated Installation >20' To 25', Add	*11.89*	
		For Elevated Installation >25' To 30', Add	*16.64*	
		For Elevated Installation >30' To 35', Add	*19.02*	
		For Elevated Installation >35' To 40', Add	*23.78*	
		For Elevated Installation >40', Add	*26.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0071	EA	16" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector	62.36	
		For Seal Class B, Add	*7.82*	
		For Seal Class A, Add	*20.84*	
		For Work In Restricted Working Space, Add	*15.63*	
		For Elevated Installation >10' To 15', Add	*5.21*	
		For Elevated Installation >15' To 20', Add	*10.42*	
		For Elevated Installation >20' To 25', Add	*13.03*	
		For Elevated Installation >25' To 30', Add	*18.24*	
		For Elevated Installation >30' To 35', Add	*20.84*	
		For Elevated Installation >35' To 40', Add	*26.06*	
		For Elevated Installation >40', Add	*28.66*	
23 31 13 16-0072	EA	18" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector	67.87	
		For Seal Class B, Add	*8.46*	
		For Seal Class A, Add	*22.56*	
		For Work In Restricted Working Space, Add	*16.92*	
		For Elevated Installation >10' To 15', Add	*5.64*	
		For Elevated Installation >15' To 20', Add	*11.28*	
		For Elevated Installation >20' To 25', Add	*14.10*	
		For Elevated Installation >25' To 30', Add	*19.74*	
		For Elevated Installation >30' To 35', Add	*22.56*	
		For Elevated Installation >35' To 40', Add	*28.21*	
		For Elevated Installation >40', Add	*31.03*	
23 31 13 16-0073	EA	20" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector	73.93	
		For Seal Class B, Add	*9.23*	
		For Seal Class A, Add	*24.60*	
		For Work In Restricted Working Space, Add	*18.45*	
		For Elevated Installation >10' To 15', Add	*6.15*	
		For Elevated Installation >15' To 20', Add	*12.30*	
		For Elevated Installation >20' To 25', Add	*15.38*	
		For Elevated Installation >25' To 30', Add	*21.53*	
		For Elevated Installation >30' To 35', Add	*24.60*	
		For Elevated Installation >35' To 40', Add	*30.75*	
		For Elevated Installation >40', Add	*33.83*	

23 31 13 19 Metal Duct Fittings *(23 31 13)*

23 31 13 19-0001 Sheet Metal Baffles *(23 31 13 19)*

23 31 13 19-0002	LF	Sheet Metal Baffles Under Raised Floor	46.09	36.98
		For Work In Restricted Working Space, Add	*13.52*	
		For Elevated Installation >10' To 15', Add	*4.51*	
		For Elevated Installation >15' To 20', Add	*9.01*	
		For Elevated Installation >20' To 25', Add	*11.27*	
		For Elevated Installation >25' To 30', Add	*15.77*	
		For Elevated Installation >30' To 35', Add	*18.03*	
		For Elevated Installation >35' To 40', Add	*22.54*	
		For Elevated Installation >40', Add	*24.79*	

23 31 13 19-0003 Duct Register Boots *(23 31 13 19)*

23 31 13 19-0004	EA	10" x 2-1/4" x 5" Register Boot, 90 Degree, Galvanized Steel	42.44	16.32
		For Stainless Steel, Add	*12.73*	
23 31 13 19-0005	EA	10" x 2-1/4" x 6" Register Boot, 90 Degree, Galvanized Steel	42.44	16.32
		For Stainless Steel, Add	*12.73*	
23 31 13 19-0006	EA	12" x 2-1/4" x 5" Register Boot, 90 Degree, Galvanized Steel	45.26	17.63
		For Stainless Steel, Add	*13.01*	
23 31 13 19-0007	EA	12" x 2-1/4" x 6" Register Boot, 90 Degree, Galvanized Steel	45.26	17.63
		For Stainless Steel, Add	*13.01*	
23 31 13 19-0008	EA	12" x 2-1/4" x 7" Register Boot, 90 Degree, Galvanized Steel	47.67	17.63
		For Stainless Steel, Add	*16.15*	
23 31 13 19-0009	EA	14" x 2-1/4" x 5" Register Boot, 90 Degree, Galvanized Steel	49.07	18.93
		For Stainless Steel, Add	*14.56*	
23 31 13 19-0010	EA	14" x 2-1/4" x 6" Register Boot, 90 Degree, Galvanized Steel	49.07	18.93
		For Stainless Steel, Add	*14.56*	
23 31 13 19-0011	EA	14" x 2-1/4" x 7" Register Boot, 90 Degree, Galvanized Steel	50.57	18.93
		For Stainless Steel, Add	*16.51*	
23 31 13 19-0012	EA	10" x 4" x 6" Register Boot, 90 Degree, Galvanized Steel	49.29	20.24
		For Stainless Steel, Add	*11.45*	
23 31 13 19-0013	EA	12" x 4" x 6" Register Boot, 90 Degree, Galvanized Steel	52.16	21.55
		For Stainless Steel, Add	*11.79*	
23 31 13 19-0014	EA	12" x 4" x 7" Register Boot, 90 Degree, Galvanized Steel	58.32	21.55
		For Stainless Steel, Add	*19.80*	
23 31 13 19-0015	EA	14" x 4" x 6" Register Boot, 90 Degree, Galvanized Steel	55.31	22.85
		For Stainless Steel, Add	*12.49*	
23 31 13 19-0016	EA	14" x 4" x 7" Register Boot, 90 Degree, Galvanized Steel	61.34	22.85
		For Stainless Steel, Add	*20.33*	
23 31 13 19-0017	EA	12" x 2-1/4" x 5" Register Boot, Center, Galvanized Steel	43.80	17.63
		For Stainless Steel, Add	*11.12*	
23 31 13 19-0018	EA	12" x 2-1/4" x 6" Register Boot, Center, Galvanized Steel	43.80	17.63
		For Stainless Steel, Add	*11.12*	
23 31 13 19-0019	EA	14" x 2-1/4" x 6" Register Boot, Center, Galvanized Steel	47.40	18.93
		For Stainless Steel, Add	*12.39*	
23 31 13 19-0020	EA	14" x 2-1/4" x 7" Register Boot, Center, Galvanized Steel	48.83	18.93
		For Stainless Steel, Add	*14.25*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 19-0021	EA	10" x 4" x 6" Register Boot, Center, Galvanized Steel	49.49	20.24
		For Stainless Steel, Add	*11.71*	
23 31 13 19-0022	EA	12" x 4" x 6" Register Boot, Center, Galvanized Steel	52.33	21.55
		For Stainless Steel, Add	*12.01*	
23 31 13 19-0023	EA	12" x 2-1/4" x 6" Register Boot, End, Galvanized Steel	44.78	17.63
		For Stainless Steel, Add	*12.39*	
23 31 13 19-0024	EA	14" x 2-1/4" x 6" Register Boot, End, Galvanized Steel	47.98	18.93
		For Stainless Steel, Add	*13.14*	
23 31 13 19-0025	EA	10" x 2-1/4" x 6" Register Boot, Universal, Galvanized Steel	42.44	16.32
		For Stainless Steel, Add	*12.73*	
23 31 13 19-0026	EA	12" x 2-1/4" x 6" Register Boot, Universal, Galvanized Steel	45.26	17.63
		For Stainless Steel, Add	*13.01*	
23 31 13 19-0027	EA	14" x 2-1/4" x 5" Register Boot, Universal, Galvanized Steel	49.07	18.93
		For Stainless Steel, Add	*14.56*	
23 31 13 19-0028	EA	14" x 2-1/4" x 6" Register Boot, Universal, Galvanized Steel	49.07	18.93
		For Stainless Steel, Add	*14.56*	
23 31 13 19-0029	EA	10" x 4" x 6" Register Boot, Universal, Galvanized Steel	49.29	20.24
		For Stainless Steel, Add	*11.45*	
23 31 13 19-0030	EA	12" x 4" x 6" Register Boot, Universal, Galvanized Steel	52.16	21.55
		For Stainless Steel, Add	*11.79*	
23 31 13 19-0031	EA	12" x 4" x 7" Register Boot, Universal, Galvanized Steel	58.32	21.55
		For Stainless Steel, Add	*19.80*	
23 31 13 19-0032	EA	14" x 4" x 7" Register Boot, Universal, Galvanized Steel	60.93	22.85
		For Stainless Steel, Add	*19.80*	

23 31 13 23 Galvanized Steel Welded Duct *(23 31 13)*

Note: All field fabricated duct is assembled from flat duct sheets on site to fit to exact field conditions. Ductwork which is fabricated off site or snap-fitting duct is considered as shop fabricated.

23 31 13 23-0001 Welded Steel Ductwork *(23 31 13 23)*

Note: Ductwork poundage includes all fittings, transitions, collars, straps, support straps, etc.

23 31 13 23-0002 Galvanized Steel Welded Duct, For Kitchen *(23 31 13 23-0001)*

Note: Also includes special exhaust systems and waste.

23 31 13 23-0003	LB	Galvanized Steel Welded Duct	26.63	11.21
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*3.07*	
		For Work In Restricted Working Space, Add	*6.74*	
		For Elevated Installation >10' To 15', Add	*2.25*	
		For Elevated Installation >15' To 20', Add	*4.50*	
		For Elevated Installation >20' To 25', Add	*5.62*	
		For Elevated Installation >25' To 30', Add	*7.87*	
		For Elevated Installation >30' To 35', Add	*8.99*	
		For Elevated Installation >35' To 40', Add	*11.24*	
		For Elevated Installation >40', Add	*12.36*	

23 31 13 23-0004 Black Steel Ductwork *(23 31 13 23-0001)*

23 31 13 23-0005	LB	Black Steel Ductwork	24.05	11.56
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*0.69*	
		For Work In Restricted Working Space, Add	*6.94*	
		For Elevated Installation >10' To 15', Add	*2.31*	
		For Elevated Installation >15' To 20', Add	*4.62*	
		For Elevated Installation >20' To 25', Add	*5.78*	
		For Elevated Installation >25' To 30', Add	*8.09*	
		For Elevated Installation >30' To 35', Add	*9.25*	
		For Elevated Installation >35' To 40', Add	*11.56*	
		For Elevated Installation >40', Add	*12.72*	

23 31 16 Non-metal Ducts *(23 31)*

23 31 16 13 Fibrous-Glass Ducts *(23 31 16)*

23 31 16 13-0001 Glass Fiber Duct Board *(23 31 16 13)*

Note: Rigid, rectangular boards faced on one side with a fire-resistant foil-scrim-kraft (FSK) vapor retarder and a lightweight fiber glass mat on the airstream surface.

23 31 16 13-0002	SF	1" Glass Fiber Duct Board (EI-475)	11.62	2.31
23 31 16 13-0003	SF	1-1/2" Glass Fiber Duct Board (EI-800)	13.73	2.54
23 31 16 13-0004	SF	2" Glass Fiber Duct Board (EI-800)	15.92	2.80

23 31 16 16 Thermoset Fiberglass-Reinforced Plastic Ducts *(23 31 16)*

23 31 16 16-0001 Fiber Reinforced Round Plastic Duct *(23 31 16 16)*

23 31 16 16-0002 Fiber Reinforced Round Plastic Duct *(23 31 16 16-0001)*

23 31 16 16-0003	LF	2" Fiber Reinforced Plastic Duct	19.81	5.83
23 31 16 16-0004	LF	3" Fiber Reinforced Plastic Duct	24.94	6.83
23 31 16 16-0005	LF	4" Fiber Reinforced Plastic Duct	33.61	10.02
23 31 16 16-0006	LF	6" Fiber Reinforced Plastic Duct	44.75	12.66
23 31 16 16-0007	LF	8" Fiber Reinforced Plastic Duct	56.78	15.85
23 31 16 16-0008	LF	10" Fiber Reinforced Plastic Duct	68.50	19.05
23 31 16 16-0009	LF	12" Fiber Reinforced Plastic Duct	76.85	22.24
23 31 16 16-0010	LF	14" Fiber Reinforced Plastic Duct	88.05	24.33
23 31 16 16-0011	LF	16" Fiber Reinforced Plastic Duct	95.29	25.87

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 16 16-0012	LF	18" Fiber Reinforced Plastic Duct	119.58	29.07
23 31 16 16-0013	LF	20" Fiber Reinforced Plastic Duct	125.55	31.15
23 31 16 16-0014	LF	24" Fiber Reinforced Plastic Duct	156.67	33.25
23 31 16 16-0015	LF	30" Fiber Reinforced Plastic Duct	179.29	38.53
23 31 16 16-0016	LF	36" Fiber Reinforced Plastic Duct	206.30	46.46
23 31 16 16-0017	LF	42" Fiber Reinforced Plastic Duct	279.49	51.75
23 31 16 16-0018	LF	48" Fiber Reinforced Plastic Duct	313.06	58.13
23 31 16 16-0019	LF	54" Fiber Reinforced Plastic Duct	347.09	66.60
23 31 16 16-0020	LF	60" Fiber Reinforced Plastic Duct	393.18	77.72
23 31 16 16-0021	LF	66" Fiber Reinforced Plastic Duct	417.64	95.11
23 31 16 16-0022	LF	72" Fiber Reinforced Plastic Duct	509.59	116.25
23 31 16 16-0023		**Fiber Reinforced Plastic Bell** *(23 31 16 16-0001)*		
23 31 16 16-0024	EA	2" Fiber Reinforced Plastic Bell	66.34	23.67
23 31 16 16-0025	EA	3" Fiber Reinforced Plastic Bell	79.90	28.07
23 31 16 16-0026	EA	4" Fiber Reinforced Plastic Bell	92.18	33.02
23 31 16 16-0027	EA	6" Fiber Reinforced Plastic Bell	121.32	44.03
23 31 16 16-0028	EA	8" Fiber Reinforced Plastic Bell	148.09	55.05
23 31 16 16-0029	EA	10" Fiber Reinforced Plastic Bell	172.48	66.06
23 31 16 16-0030	EA	12" Fiber Reinforced Plastic Bell	213.90	82.02
23 31 16 16-0031	EA	14" Fiber Reinforced Plastic Bell	228.56	88.07
23 31 16 16-0032	EA	16" Fiber Reinforced Plastic Bell	247.62	94.13
23 31 16 16-0033	EA	18" Fiber Reinforced Plastic Bell	266.69	101.29
23 31 16 16-0034	EA	20" Fiber Reinforced Plastic Bell	291.42	110.09
23 31 16 16-0035	EA	24" Fiber Reinforced Plastic Bell	337.19	121.10
23 31 16 16-0036	EA	30" Fiber Reinforced Plastic Bell	390.07	132.11
23 31 16 16-0037	EA	36" Fiber Reinforced Plastic Bell	442.12	148.62
23 31 16 16-0038	EA	42" Fiber Reinforced Plastic Bell	494.14	165.14
23 31 16 16-0039	EA	48" Fiber Reinforced Plastic Bell	546.15	181.65
23 31 16 16-0040	EA	54" Fiber Reinforced Plastic Bell	677.83	220.18
23 31 16 16-0041	EA	60" Fiber Reinforced Plastic Bell	811.67	275.23
23 31 16 16-0042	EA	66" Fiber Reinforced Plastic Bell	973.96	330.27
23 31 16 16-0043	EA	72" Fiber Reinforced Plastic Bell	1,114.43	374.31
23 31 16 16-0044		**Fiber Reinforced Plastic Flange** *(23 31 16 16-0001)*		
23 31 16 16-0045	EA	2" Fiber Reinforced Plastic Flange	104.33	23.67
23 31 16 16-0046	EA	3" Fiber Reinforced Plastic Flange	120.27	28.07
23 31 16 16-0047	EA	4" Fiber Reinforced Plastic Flange	137.30	33.02
23 31 16 16-0048	EA	6" Fiber Reinforced Plastic Flange	178.31	44.03
23 31 16 16-0049	EA	8" Fiber Reinforced Plastic Flange	216.95	55.05
23 31 16 16-0050	EA	10" Fiber Reinforced Plastic Flange	255.60	66.06
23 31 16 16-0051	EA	12" Fiber Reinforced Plastic Flange	301.76	82.02
23 31 16 16-0052	EA	14" Fiber Reinforced Plastic Flange	335.42	88.07
23 31 16 16-0053	EA	16" Fiber Reinforced Plastic Flange	366.36	94.13
23 31 16 16-0054	EA	18" Fiber Reinforced Plastic Flange	390.17	101.29
23 31 16 16-0055	EA	20" Fiber Reinforced Plastic Flange	410.16	110.09
23 31 16 16-0056	EA	24" Fiber Reinforced Plastic Flange	479.67	121.10
23 31 16 16-0057	EA	30" Fiber Reinforced Plastic Flange	527.81	132.11
23 31 16 16-0058	EA	36" Fiber Reinforced Plastic Flange	648.72	148.62
23 31 16 16-0059	EA	42" Fiber Reinforced Plastic Flange	722.11	165.14
23 31 16 16-0060	EA	48" Fiber Reinforced Plastic Flange	819.24	181.65
23 31 16 16-0061	EA	54" Fiber Reinforced Plastic Flange	962.80	220.18
23 31 16 16-0062	EA	60" Fiber Reinforced Plastic Flange	1,151.26	275.23
23 31 16 16-0063	EA	66" Fiber Reinforced Plastic Flange	1,339.67	330.27
23 31 16 16-0064	EA	72" Fiber Reinforced Plastic Flange	1,532.38	374.31
23 31 16 16-0065		**Fiber Reinforced Plastic 90 Degree Elbow** *(23 31 16 16-0001)*		
23 31 16 16-0066	EA	2" Fiber Reinforced Plastic 90 Degree Elbow	173.48	57.02
23 31 16 16-0067	EA	3" Fiber Reinforced Plastic 90 Degree Elbow	203.86	68.14
23 31 16 16-0068	EA	4" Fiber Reinforced Plastic 90 Degree Elbow	236.60	79.26
23 31 16 16-0069	EA	6" Fiber Reinforced Plastic 90 Degree Elbow	306.76	105.69
23 31 16 16-0070	EA	8" Fiber Reinforced Plastic 90 Degree Elbow	376.91	132.11
23 31 16 16-0071	EA	10" Fiber Reinforced Plastic 90 Degree Elbow	447.09	158.53
23 31 16 16-0072	EA	12" Fiber Reinforced Plastic 90 Degree Elbow	549.40	197.17
23 31 16 16-0073	EA	14" Fiber Reinforced Plastic 90 Degree Elbow	621.01	208.73
23 31 16 16-0074	EA	16" Fiber Reinforced Plastic 90 Degree Elbow	705.56	226.68
23 31 16 16-0075	EA	18" Fiber Reinforced Plastic 90 Degree Elbow	837.36	243.08
23 31 16 16-0076	EA	20" Fiber Reinforced Plastic 90 Degree Elbow	962.87	264.21
23 31 16 16-0077	EA	24" Fiber Reinforced Plastic 90 Degree Elbow	1,113.77	290.64
23 31 16 16-0078	EA	30" Fiber Reinforced Plastic 90 Degree Elbow	1,490.24	317.06
23 31 16 16-0079	EA	36" Fiber Reinforced Plastic 90 Degree Elbow	1,900.69	356.70
23 31 16 16-0080	EA	42" Fiber Reinforced Plastic 90 Degree Elbow	2,489.20	396.44
23 31 16 16-0081	EA	48" Fiber Reinforced Plastic 90 Degree Elbow	2,947.15	436.07
23 31 16 16-0082	EA	54" Fiber Reinforced Plastic 90 Degree Elbow	3,492.93	528.44
23 31 16 16-0083	EA	60" Fiber Reinforced Plastic 90 Degree Elbow	4,235.56	660.54
23 31 16 16-0084	EA	66" Fiber Reinforced Plastic 90 Degree Elbow	4,977.76	792.44
23 31 16 16-0085	EA	72" Fiber Reinforced Plastic 90 Degree Elbow	5,676.15	898.01

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 16 16-0086		**Fiber Reinforced Plastic 45 Degree Elbow** *(23 31 16 16-0001)*		
23 31 16 16-0087	EA	2" Fiber Reinforced Plastic 45 Degree Elbow	147.35	57.02
23 31 16 16-0088	EA	3" Fiber Reinforced Plastic 45 Degree Elbow	172.99	68.14
23 31 16 16-0089	EA	4" Fiber Reinforced Plastic 45 Degree Elbow	200.95	79.26
23 31 16 16-0090	EA	6" Fiber Reinforced Plastic 45 Degree Elbow	254.52	105.69
23 31 16 16-0091	EA	8" Fiber Reinforced Plastic 45 Degree Elbow	308.05	132.11
23 31 16 16-0092	EA	10" Fiber Reinforced Plastic 45 Degree Elbow	366.42	158.53
23 31 16 16-0093	EA	12" Fiber Reinforced Plastic 45 Degree Elbow	452.12	197.17
23 31 16 16-0094	EA	14" Fiber Reinforced Plastic 45 Degree Elbow	490.30	208.73
23 31 16 16-0095	EA	16" Fiber Reinforced Plastic 45 Degree Elbow	581.88	226.57
23 31 16 16-0096	EA	18" Fiber Reinforced Plastic 45 Degree Elbow	666.68	243.30
23 31 16 16-0097	EA	20" Fiber Reinforced Plastic 45 Degree Elbow	768.07	264.21
23 31 16 16-0098	EA	24" Fiber Reinforced Plastic 45 Degree Elbow	882.92	290.42
23 31 16 16-0099	EA	30" Fiber Reinforced Plastic 45 Degree Elbow	1,109.87	316.85
23 31 16 16-0100	EA	36" Fiber Reinforced Plastic 45 Degree Elbow	1,352.63	357.02
23 31 16 16-0101	EA	42" Fiber Reinforced Plastic 45 Degree Elbow	1,713.14	396.66
23 31 16 16-0102	EA	48" Fiber Reinforced Plastic 45 Degree Elbow	2,009.13	436.07
23 31 16 16-0103	EA	54" Fiber Reinforced Plastic 45 Degree Elbow	2,395.80	528.44
23 31 16 16-0104	EA	60" Fiber Reinforced Plastic 45 Degree Elbow	2,877.21	660.54
23 31 16 16-0105	EA	66" Fiber Reinforced Plastic 45 Degree Elbow	3,384.15	790.90
23 31 16 16-0106	EA	72" Fiber Reinforced Plastic 45 Degree Elbow	3,825.49	898.89
23 31 16 16-0107		**Fiber Reinforced Plastic Tee** *(23 31 16 16-0001)*		
23 31 16 16-0108	EA	2" Fiber Reinforced Plastic Tee	224.92	85.10
23 31 16 16-0109	EA	3" Fiber Reinforced Plastic Tee	265.84	102.50
23 31 16 16-0110	EA	4" Fiber Reinforced Plastic Tee	305.02	118.90
23 31 16 16-0111	EA	6" Fiber Reinforced Plastic Tee	394.84	158.53
23 31 16 16-0112	EA	8" Fiber Reinforced Plastic Tee	482.91	197.17
23 31 16 16-0113	EA	10" Fiber Reinforced Plastic Tee	576.18	238.89
23 31 16 16-0114	EA	12" Fiber Reinforced Plastic Tee	696.33	289.54
23 31 16 16-0115	EA	14" Fiber Reinforced Plastic Tee	759.72	313.32
23 31 16 16-0116	EA	16" Fiber Reinforced Plastic Tee	875.96	340.40
23 31 16 16-0117	EA	18" Fiber Reinforced Plastic Tee	987.66	364.62
23 31 16 16-0118	EA	20" Fiber Reinforced Plastic Tee	1,135.60	396.44
23 31 16 16-0119	EA	24" Fiber Reinforced Plastic Tee	1,296.71	436.07
23 31 16 16-0120	EA	30" Fiber Reinforced Plastic Tee	1,540.52	475.48
23 31 16 16-0121	EA	36" Fiber Reinforced Plastic Tee	1,842.04	535.26
23 31 16 16-0122	EA	42" Fiber Reinforced Plastic Tee	2,415.94	594.71
23 31 16 16-0123	EA	48" Fiber Reinforced Plastic Tee	2,871.50	654.27
23 31 16 16-0124	EA	54" Fiber Reinforced Plastic Tee	3,459.20	793.20
23 31 16 16-0125	EA	60" Fiber Reinforced Plastic Tee	4,145.50	991.26
23 31 16 16-0126	EA	66" Fiber Reinforced Plastic Tee	4,831.17	1,188.87
23 31 16 16-0127	EA	72" Fiber Reinforced Plastic Tee	5,452.65	1,348.06
23 31 16 16-0128		**Fiber Reinforced Plastic Lateral Joint** *(23 31 16 16-0001)*		
23 31 16 16-0129	EA	2" Fiber Reinforced Plastic Lateral Joint	189.28	85.10
23 31 16 16-0130	EA	3" Fiber Reinforced Plastic Lateral Joint	223.06	102.50
23 31 16 16-0131	EA	4" Fiber Reinforced Plastic Lateral Joint	255.19	118.90
23 31 16 16-0132	EA	6" Fiber Reinforced Plastic Lateral Joint	326.05	158.53
23 31 16 16-0133	EA	8" Fiber Reinforced Plastic Lateral Joint	395.12	197.17
23 31 16 16-0134	EA	10" Fiber Reinforced Plastic Lateral Joint	474.12	238.89
23 31 16 16-0135	EA	12" Fiber Reinforced Plastic Lateral Joint	568.34	289.75
23 31 16 16-0136	EA	14" Fiber Reinforced Plastic Lateral Joint	616.75	313.10
23 31 16 16-0137	EA	16" Fiber Reinforced Plastic Lateral Joint	676.72	340.51
23 31 16 16-0138	EA	18" Fiber Reinforced Plastic Lateral Joint	731.72	364.95
23 31 16 16-0139	EA	20" Fiber Reinforced Plastic Lateral Joint	798.86	396.66
23 31 16 16-0140	EA	24" Fiber Reinforced Plastic Lateral Joint	883.50	436.07
23 31 16 16-0141	EA	30" Fiber Reinforced Plastic Lateral Joint	974.89	475.26
23 31 16 16-0142	EA	36" Fiber Reinforced Plastic Lateral Joint	1,100.55	534.93
23 31 16 16-0143	EA	42" Fiber Reinforced Plastic Lateral Joint	1,229.28	595.04
23 31 16 16-0144	EA	48" Fiber Reinforced Plastic Lateral Joint	1,351.23	654.05
23 31 16 16-0145	EA	54" Fiber Reinforced Plastic Lateral Joint	1,614.97	790.90
23 31 16 16-0146	EA	60" Fiber Reinforced Plastic Lateral Joint	1,975.59	993.02
23 31 16 16-0147	EA	66" Fiber Reinforced Plastic Lateral Joint	2,386.62	1,189.75
23 31 16 16-0148	EA	72" Fiber Reinforced Plastic Lateral Joint	2,674.20	1,348.06
23 31 16 16-0149		**Fiber Reinforced Plastic One Piece Reducer** *(23 31 16 16-0001)*		
23 31 16 16-0150	EA	2" Fiber Reinforced Plastic One Piece Reducer	156.89	57.14
23 31 16 16-0151	EA	3" Fiber Reinforced Plastic One Piece Reducer	184.91	68.25
23 31 16 16-0152	EA	4" Fiber Reinforced Plastic One Piece Reducer	217.65	79.26
23 31 16 16-0153	EA	6" Fiber Reinforced Plastic One Piece Reducer	280.64	105.69
23 31 16 16-0154	EA	8" Fiber Reinforced Plastic One Piece Reducer	338.92	132.11
23 31 16 16-0155	EA	10" Fiber Reinforced Plastic One Piece Reducer	407.76	159.19
23 31 16 16-0156	EA	12" Fiber Reinforced Plastic One Piece Reducer	485.36	197.17
23 31 16 16-0157	EA	14" Fiber Reinforced Plastic One Piece Reducer	518.80	208.73

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 16 16-0158	EA	16" Fiber Reinforced Plastic One Piece Reducer	572.38	226.57
23 31 16 16-0159	EA	18" Fiber Reinforced Plastic One Piece Reducer	628.69	243.30
23 31 16 16-0160	EA	20" Fiber Reinforced Plastic One Piece Reducer	701.58	264.21
23 31 16 16-0161	EA	24" Fiber Reinforced Plastic One Piece Reducer	798.45	290.97
23 31 16 16-0162	EA	30" Fiber Reinforced Plastic One Piece Reducer	894.99	317.61
23 31 16 16-0163	EA	36" Fiber Reinforced Plastic One Piece Reducer	1,013.04	357.02
23 31 16 16-0164	EA	42" Fiber Reinforced Plastic One Piece Reducer	1,131.33	396.66
23 31 16 16-0165	EA	48" Fiber Reinforced Plastic One Piece Reducer	1,272.96	436.07
23 31 16 16-0166	EA	54" Fiber Reinforced Plastic One Piece Reducer	1,510.03	528.44
23 31 16 16-0167	EA	60" Fiber Reinforced Plastic One Piece Reducer	1,806.20	660.54
23 31 16 16-0168	EA	66" Fiber Reinforced Plastic One Piece Reducer	2,030.55	790.90
23 31 16 16-0169	EA	72" Fiber Reinforced Plastic One Piece Reducer	2,281.90	898.89
23 31 16 16-0170		Fiber Reinforced Plastic Two Piece Reducer *(23 31 16 16-0001)*		
23 31 16 16-0171	EA	2" Fiber Reinforced Plastic Two Piece Reducer	185.39	57.14
23 31 16 16-0172	EA	3" Fiber Reinforced Plastic Two Piece Reducer	203.91	68.25
23 31 16 16-0173	EA	4" Fiber Reinforced Plastic Two Piece Reducer	236.65	79.26
23 31 16 16-0174	EA	6" Fiber Reinforced Plastic Two Piece Reducer	306.76	105.69
23 31 16 16-0175	EA	8" Fiber Reinforced Plastic Two Piece Reducer	376.91	132.11
23 31 16 16-0176	EA	10" Fiber Reinforced Plastic Two Piece Reducer	448.14	159.19
23 31 16 16-0177	EA	12" Fiber Reinforced Plastic Two Piece Reducer	537.61	197.17
23 31 16 16-0178	EA	14" Fiber Reinforced Plastic Two Piece Reducer	585.29	208.73
23 31 16 16-0179	EA	16" Fiber Reinforced Plastic Two Piece Reducer	638.87	226.57
23 31 16 16-0180	EA	18" Fiber Reinforced Plastic Two Piece Reducer	718.93	243.30
23 31 16 16-0181	EA	20" Fiber Reinforced Plastic Two Piece Reducer	901.06	264.21
23 31 16 16-0182	EA	24" Fiber Reinforced Plastic Two Piece Reducer	1,090.54	290.97
23 31 16 16-0183	EA	30" Fiber Reinforced Plastic Two Piece Reducer	1,170.46	317.61
23 31 16 16-0184	EA	36" Fiber Reinforced Plastic Two Piece Reducer	1,331.26	357.02
23 31 16 16-0185	EA	42" Fiber Reinforced Plastic Two Piece Reducer	1,444.79	396.66
23 31 16 16-0186	EA	48" Fiber Reinforced Plastic Two Piece Reducer	1,581.68	436.07
23 31 16 16-0187	EA	54" Fiber Reinforced Plastic Two Piece Reducer	1,759.37	528.44
23 31 16 16-0188	EA	60" Fiber Reinforced Plastic Two Piece Reducer	2,041.30	660.54
23 31 16 16-0189	EA	66" Fiber Reinforced Plastic Two Piece Reducer	2,291.77	790.90
23 31 16 16-0190	EA	72" Fiber Reinforced Plastic Two Piece Reducer	2,519.38	898.89
23 31 16 16-0191		Fiber Reinforced Plastic Butterfly Dampers *(23 31 16 16-0001)*		
23 31 16 16-0192	EA	2" Fiber Reinforced Plastic Damper	483.51	57.02
23 31 16 16-0193	EA	3" Fiber Reinforced Plastic Damper	542.91	68.14
23 31 16 16-0194	EA	4" Fiber Reinforced Plastic Damper	602.29	79.26
23 31 16 16-0195	EA	6" Fiber Reinforced Plastic Damper	707.66	105.69
23 31 16 16-0196	EA	8" Fiber Reinforced Plastic Damper	833.46	132.11
23 31 16 16-0197	EA	10" Fiber Reinforced Plastic Damper	938.84	158.53
23 31 16 16-0198	EA	12" Fiber Reinforced Plastic Damper	1,064.48	197.17
23 31 16 16-0199	EA	14" Fiber Reinforced Plastic Damper	1,186.06	208.73
23 31 16 16-0200	EA	16" Fiber Reinforced Plastic Damper	1,318.21	226.68
23 31 16 16-0201	EA	18" Fiber Reinforced Plastic Damper	1,447.73	243.08
23 31 16 16-0202	EA	20" Fiber Reinforced Plastic Damper	1,544.33	264.21
23 31 16 16-0203	EA	24" Fiber Reinforced Plastic Damper	1,751.90	290.64
23 31 16 16-0204	EA	30" Fiber Reinforced Plastic Damper	2,041.22	317.06
23 31 16 16-0205	EA	36" Fiber Reinforced Plastic Damper	2,352.64	356.70
23 31 16 16-0206	EA	42" Fiber Reinforced Plastic Damper	2,704.91	396.44
23 31 16 16-0207	EA	48" Fiber Reinforced Plastic Damper	3,016.34	436.07
23 31 16 16-0208	EA	54" Fiber Reinforced Plastic Damper	3,538.26	528.44
23 31 16 16-0209	EA	60" Fiber Reinforced Plastic Damper	4,126.40	660.54
23 31 16 16-0210	EA	66" Fiber Reinforced Plastic Damper	4,673.25	792.44
23 31 16 16-0211	EA	72" Fiber Reinforced Plastic Damper	5,380.70	898.01
23 31 16 23		**Fabric Ducts** *(23 31 16)*		
23 31 16 23-0001		Heavy-Duty Fabric Ducts (Zip-A-Duct™) *(23 31 16 23)*		
23 31 16 23-0002		Heavy-Duty Fabric Duct Without Vents *(23 31 16 23-0001)*		
		Note: Includes fabric loops for cable hooks. Requires Suspension Hardware as well as an Inlet Section and Endcap per complete run. See CSI section 23 31 16 23-0064 for suspension hardware.		
23 31 16 23-0003	EA	12" Diameter x 5' Long Gray Heavy-Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	205.62	9.06
23 31 16 23-0004	EA	12" Diameter x 10' Long Gray Heavy-Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	321.73	12.08
23 31 16 23-0005	EA	16" Diameter x 5' Long Gray Heavy-Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	247.71	15.11
23 31 16 23-0006	EA	16" Diameter x 10' Long Gray Heavy-Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	369.05	19.86
23 31 16 23-0007	EA	20" Diameter x 5' Long Gray Heavy-Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	300.36	20.72
23 31 16 23-0008	EA	20" Diameter x 10' Long Gray Heavy-Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	430.63	27.63
23 31 16 23-0009	EA	24" Diameter x 5' Long Gray Heavy-Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	349.57	26.76

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 16 23-0010	EA	24" Diameter x 10' Long Gray Heavy-Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	492.20	35.39
23 31 16 23-0011	EA	28" Diameter x 5' Long Gray Heavy-Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	389.86	30.65
23 31 16 23-0012	EA	28" Diameter x 10' Long Gray Heavy-Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	585.27	41.01
23 31 16 23-0013	EA	32" Diameter x 5' Long Gray Heavy-Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	428.86	34.11
23 31 16 23-0014	EA	32" Diameter x 10' Long Gray Heavy-Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	653.02	45.32
23 31 16 23-0015	EA	36" Diameter x 5' Long Gray Heavy-Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	467.02	38.86
23 31 16 23-0016	EA	36" Diameter x 10' Long Gray Heavy-Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	753.45	51.80
23 31 16 23-0017		**Heavy-Duty Fabric Duct With Vents** *(23 31 16 23-0001)*		
23 31 16 23-0018	EA	12" Diameter x 10' Long Gray Heavy-Duty Fabric Duct With Vents Note: Excludes suspension cable and hardware.	559.42	12.08
23 31 16 23-0019	EA	16" Diameter x 10' Long Gray Heavy-Duty Fabric Duct With Vents Note: Excludes suspension cable and hardware.	621.00	19.86
23 31 16 23-0020	EA	20" Diameter x 10' Long Gray Heavy-Duty Fabric Duct With Vents Note: Excludes suspension cable and hardware.	694.46	27.63
23 31 16 23-0021	EA	24" Diameter x 10' Long Gray Heavy-Duty Fabric Duct With Vents Note: Excludes suspension cable and hardware.	770.30	35.39
23 31 16 23-0022	EA	28" Diameter x 10' Long Gray Heavy-Duty Fabric Duct With Vents Note: Excludes suspension cable and hardware.	927.54	41.01
23 31 16 23-0023	EA	32" Diameter x 10' Long Gray Heavy-Duty Fabric Duct With Vents Note: Excludes suspension cable and hardware.	995.29	45.32
23 31 16 23-0024	EA	36" Diameter x 10' Long Gray Heavy-Duty Fabric Duct With Vents Note: Excludes suspension cable and hardware.	1,124.25	51.80
23 31 16 23-0025		**Heavy-Duty Fabric Duct 90 Degree Elbow** *(23 31 16 23-0001)*		
23 31 16 23-0026	EA	12" Diameter Gray Heavy-Duty Fabric Duct 90 Degree Elbow Note: Excludes suspension cable and hardware.	417.05	12.95
23 31 16 23-0027	EA	16" Diameter Gray Heavy-Duty Fabric Duct 90 Degree Elbow Note: Excludes suspension cable and hardware.	466.74	20.72
23 31 16 23-0028	EA	20" Diameter Gray Heavy-Duty Fabric Duct 90 Degree Elbow Note: Excludes suspension cable and hardware.	631.23	22.45
23 31 16 23-0029	EA	24" Diameter Gray Heavy-Duty Fabric Duct 90 Degree Elbow Note: Excludes suspension cable and hardware.	771.23	30.21
23 31 16 23-0030	EA	28" Diameter Gray Heavy-Duty Fabric Duct 90 Degree Elbow Note: Excludes suspension cable and hardware.	974.23	33.67
23 31 16 23-0031	EA	32" Diameter Gray Heavy-Duty Fabric Duct 90 Degree Elbow Note: Excludes suspension cable and hardware.	1,213.94	36.69
23 31 16 23-0032	EA	36" Diameter Gray Heavy-Duty Fabric Duct 90 Degree Elbow Note: Excludes suspension cable and hardware.	1,379.27	41.01
23 31 16 23-0033		**Heavy-Duty Fabric Duct 45 Degree Elbow** *(23 31 16 23-0001)*		
23 31 16 23-0034	EA	12" Diameter Gray Heavy-Duty Fabric Duct 45 Degree Elbow Note: Excludes suspension cable and hardware.	319.60	12.95
23 31 16 23-0035	EA	16" Diameter Gray Heavy-Duty Fabric Duct 45 Degree Elbow Note: Excludes suspension cable and hardware.	376.42	20.72
23 31 16 23-0036	EA	20" Diameter Gray Heavy-Duty Fabric Duct 45 Degree Elbow Note: Excludes suspension cable and hardware.	422.06	22.45
23 31 16 23-0037	EA	24" Diameter Gray Heavy-Duty Fabric Duct 45 Degree Elbow Note: Excludes suspension cable and hardware.	493.14	30.21
23 31 16 23-0038	EA	28" Diameter Gray Heavy-Duty Fabric Duct 45 Degree Elbow Note: Excludes suspension cable and hardware.	570.16	33.67
23 31 16 23-0039	EA	32" Diameter Gray Heavy-Duty Fabric Duct 45 Degree Elbow Note: Excludes suspension cable and hardware.	683.89	36.69
23 31 16 23-0040	EA	36" Diameter Gray Heavy-Duty Fabric Duct 45 Degree Elbow Note: Excludes suspension cable and hardware.	780.18	41.01
23 31 16 23-0041		**Heavy-Duty Fabric Duct Tee** *(23 31 16 23-0001)*		
23 31 16 23-0042	EA	16" x 12" x 12" Gray Heavy-Duty Fabric Duct Tee Note: Excludes suspension cable and hardware.	1,018.43	30.21
23 31 16 23-0043	EA	20" x 16" x 16" Gray Heavy-Duty Fabric Duct Tee Note: Excludes suspension cable and hardware.	1,072.51	32.38
23 31 16 23-0044	EA	24" x 16" x 16" Gray Heavy-Duty Fabric Duct Tee Note: Excludes suspension cable and hardware.	1,163.58	43.59
23 31 16 23-0045	EA	28" x 20" x 20" Gray Heavy-Duty Fabric Duct Tee Note: Excludes suspension cable and hardware.	1,224.44	48.78
23 31 16 23-0046	EA	32" x 24" x 24" Gray Heavy-Duty Fabric Duct Tee Note: Excludes suspension cable and hardware.	1,270.78	53.09
23 31 16 23-0047	EA	36" x 28" x 28" Gray Heavy-Duty Fabric Duct Tee Note: Excludes suspension cable and hardware.	1,333.19	59.57
23 31 16 23-0048		**Heavy-Duty Fabric Duct Inlets** *(23 31 16 23-0001)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 16 23-0049	EA	12" Diameter Gray Heavy-Duty Fabric Duct Transition Inlet Note: Excludes suspension cable and hardware.	165.10	12.95
23 31 16 23-0050	EA	16" Diameter Gray Heavy-Duty Fabric Duct Transition Inlet Note: Excludes suspension cable and hardware.	195.78	20.72
23 31 16 23-0051	EA	20" Diameter Gray Heavy-Duty Fabric Duct Transition Inlet Note: Excludes suspension cable and hardware.	210.52	22.45
23 31 16 23-0052	EA	24" Diameter Gray Heavy-Duty Fabric Duct Transition Inlet Note: Excludes suspension cable and hardware.	243.56	30.21
23 31 16 23-0053	EA	28" Diameter Gray Heavy-Duty Fabric Duct Transition Inlet Note: Excludes suspension cable and hardware.	261.16	33.67
23 31 16 23-0054	EA	32" Diameter Gray Heavy-Duty Fabric Duct Transition Inlet Note: Excludes suspension cable and hardware.	279.82	36.69
23 31 16 23-0055	EA	36" Diameter Gray Heavy-Duty Fabric Duct Transition Inlet Note: Excludes suspension cable and hardware.	307.17	41.01
23 31 16 23-0056		Heavy-Duty Fabric Duct Cap *(23 31 16 23-0001)*		
23 31 16 23-0057	EA	12" Diameter Gray Heavy-Duty Fabric Duct End Cap Note: Excludes suspension cable and hardware.	97.11	7.77
23 31 16 23-0058	EA	16" Diameter Gray Heavy-Duty Fabric Duct End Cap Note: Excludes suspension cable and hardware.	123.38	12.52
23 31 16 23-0059	EA	20" Diameter Gray Heavy-Duty Fabric Duct End Cap Note: Excludes suspension cable and hardware.	145.02	13.38
23 31 16 23-0060	EA	24" Diameter Gray Heavy-Duty Fabric Duct End Cap Note: Excludes suspension cable and hardware.	202.19	18.13
23 31 16 23-0061	EA	28" Diameter Gray Heavy-Duty Fabric Duct End Cap Note: Excludes suspension cable and hardware.	242.01	20.29
23 31 16 23-0062	EA	32" Diameter Gray Heavy-Duty Fabric Duct End Cap Note: Excludes suspension cable and hardware.	301.90	22.01
23 31 16 23-0063	EA	36" Diameter Gray Heavy-Duty Fabric Duct End Cap Note: Excludes suspension cable and hardware.	340.65	24.61
23 31 16 23-0064		Heavy-Duty Fabric Duct Suspension Hardware *(23 31 16 23-0001)*		
23 31 16 23-0065	EA	12 To 20 Inch Diameter Ducts Fixing Strap With Galvanized Hardware Note: Vertical support straps are recommended every six (6) to ten (10) feet along the length of the duct.	37.97	6.54
23 31 16 23-0066	EA	20 To 36 Inch Diameter Ducts Fixing Strap With Galvanized Hardware Note: Vertical support straps are recommended every six (6) to ten (10) feet along the length of the duct.	59.21	9.81
23 31 16 23-0067	EA	Galvanized Cable Locks For Horizontal Cables Note: Requires two (2) cable locks per support point or per stretcher.	14.10	3.27
23 31 16 23-0068	LF	Galvanized Plastic Coated Cable For Fabric Duct Note: Excludes anchor bolts or anchors.	0.85	0.13
23 31 16 23-0069	EA	Galvanized Stretcher For Straight Fabric Duct Runs	32.72	6.54
23 31 16 23-0070	EA	12 To 20 Inch Diameter Ducts Fixing Strap With Stainless Steel Hardware Note: Vertical support straps are recommended every six (6) to ten (10) feet along the length of the duct.	69.54	6.54
23 31 16 23-0071	EA	20 To 36 Inch Diameter Ducts Fixing Strap With Stainless Steel Hardware Note: Vertical support straps are recommended every six (6) to ten (10) feet along the length of the duct.	95.10	9.81
23 31 16 23-0072	EA	Stainless Steel Cable Locks For Horizontal Cables Note: Requires two (2) cable locks per support point or per stretcher.	18.55	3.27
23 31 16 23-0073	LF	Stainless Steel Plastic Coated Cable For Fabric Duct Note: Excludes anchor bolts or anchors.	2.66	0.13
23 31 16 23-0074	EA	Stainless Steel Stretcher For Straight Fabric Duct Runs	44.22	6.54

23 33 Air Duct Accessories *(23 30)*

23 33 13 Dampers *(23 33)*

23 33 13 13 Volume-Control Dampers *(23 33 13)*

23 33 13 13-0001 Radial Opposed Blade Damper Steel Construction (Ruskin CDR) *(23 33 13 13)*

23 33 13 13-0002	EA	6" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	127.56	10.45
		For Stainless Steel, Add	*113.14*	
		For Parallel Blade Damper, Add	*34.81*	
23 33 13 13-0003	EA	7" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	135.30	11.75
		For Stainless Steel, Add	*114.78*	
		For Parallel Blade Damper, Add	*35.32*	
23 33 13 13-0004	EA	8" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	143.88	13.06
		For Stainless Steel, Add	*115.99*	
		For Parallel Blade Damper, Add	*35.69*	
23 33 13 13-0005	EA	10" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	155.06	15.67
		For Stainless Steel, Add	*123.24*	
		For Parallel Blade Damper, Add	*37.92*	
23 33 13 13-0006	EA	12" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	167.54	16.98
		For Stainless Steel, Add	*130.49*	
		For Parallel Blade Damper, Add	*40.15*	
23 33 13 13-0007	EA	14" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	201.71	18.28
		For Stainless Steel, Add	*166.74*	
		For Parallel Blade Damper, Add	*51.30*	
23 33 13 13-0008	EA	15" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	220.45	19.58
		For Stainless Steel, Add	*181.23*	
		For Parallel Blade Damper, Add	*55.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0009	EA	16" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	232.01	22.20
		For Stainless Steel, Add	*188.45*	
		For Parallel Blade Damper, Add	*57.98*	
23 33 13 13-0010	EA	18" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	255.73	23.51
		For Stainless Steel, Add	*210.22*	
		For Parallel Blade Damper, Add	*64.68*	
23 33 13 13-0011	EA	20" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	302.94	26.12
		For Stainless Steel, Add	*260.98*	
		For Parallel Blade Damper, Add	*80.30*	
23 33 13 13-0012	EA	24" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	335.44	26.12
		For Stainless Steel, Add	*297.18*	
		For Parallel Blade Damper, Add	*91.44*	

23 33 13 13-0013 Rectangular Opposed Blade Damper (Ruskin CD) *(23 33 13 13)*

23 33 13 13-0014	EA	6" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	148.80	14.52
		For Stainless Steel, Add	*136.81*	
		For Parallel Blade Damper, Add	*42.10*	
23 33 13 13-0015	EA	8" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	158.24	15.17
		For Stainless Steel, Add	*146.52*	
		For Parallel Blade Damper, Add	*45.08*	
23 33 13 13-0016	EA	8" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	166.02	15.30
		For Stainless Steel, Add	*156.30*	
		For Parallel Blade Damper, Add	*48.09*	
23 33 13 13-0017	EA	10" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	166.02	15.30
		For Stainless Steel, Add	*156.30*	
		For Parallel Blade Damper, Add	*48.09*	
23 33 13 13-0018	EA	10" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	174.86	15.70
		For Stainless Steel, Add	*166.09*	
		For Parallel Blade Damper, Add	*51.10*	
23 33 13 13-0019	EA	10" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	195.09	17.40
		For Stainless Steel, Add	*185.59*	
		For Parallel Blade Damper, Add	*57.10*	
23 33 13 13-0020	EA	12" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	174.86	15.70
		For Stainless Steel, Add	*166.09*	
		For Parallel Blade Damper, Add	*51.10*	
23 33 13 13-0021	EA	12" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	192.47	16.61
		For Stainless Steel, Add	*185.59*	
		For Parallel Blade Damper, Add	*57.10*	
23 33 13 13-0022	EA	12" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	202.66	17.40
		For Stainless Steel, Add	*195.43*	
		For Parallel Blade Damper, Add	*60.13*	
23 33 13 13-0023	EA	12" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	223.90	19.62
		For Stainless Steel, Add	*214.54*	
		For Parallel Blade Damper, Add	*66.01*	
23 33 13 13-0024	EA	14" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	188.76	16.61
		For Stainless Steel, Add	*180.77*	
		For Parallel Blade Damper, Add	*55.62*	
23 33 13 13-0025	EA	14" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	202.66	17.40
		For Stainless Steel, Add	*195.43*	
		For Parallel Blade Damper, Add	*60.13*	
23 33 13 13-0026	EA	14" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	212.80	18.31
		For Stainless Steel, Add	*205.22*	
		For Parallel Blade Damper, Add	*63.14*	
23 33 13 13-0027	EA	14" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	224.25	19.62
		For Stainless Steel, Add	*214.99*	
		For Parallel Blade Damper, Add	*66.15*	
23 33 13 13-0028	EA	14" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	249.55	21.84
		For Stainless Steel, Add	*239.38*	
		For Parallel Blade Damper, Add	*73.66*	
23 33 13 13-0029	EA	16" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	202.66	17.40
		For Stainless Steel, Add	*195.43*	
		For Parallel Blade Damper, Add	*60.13*	
23 33 13 13-0030	EA	16" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	214.11	18.70
		For Stainless Steel, Add	*205.22*	
		For Parallel Blade Damper, Add	*63.14*	
23 33 13 13-0031	EA	16" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	226.86	20.53
		For Stainless Steel, Add	*214.99*	
		For Parallel Blade Damper, Add	*66.15*	
23 33 13 13-0032	EA	16" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	238.26	21.84
		For Stainless Steel, Add	*224.71*	
		For Parallel Blade Damper, Add	*69.14*	
23 33 13 13-0033	EA	16" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	263.67	23.93
		For Stainless Steel, Add	*249.24*	
		For Parallel Blade Damper, Add	*76.69*	
23 33 13 13-0034	EA	16" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	288.97	26.16
		For Stainless Steel, Add	*273.62*	
		For Parallel Blade Damper, Add	*84.19*	
23 33 13 13-0035	EA	18" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	212.80	18.31
		For Stainless Steel, Add	*205.22*	
		For Parallel Blade Damper, Add	*63.14*	
23 33 13 13-0036	EA	18" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	227.96	19.62
		For Stainless Steel, Add	*219.82*	
		For Parallel Blade Damper, Add	*67.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0037	EA	18" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	245.84	21.84
		For Stainless Steel, Add	*234.56*	
		For Parallel Blade Damper, Add	*72.17*	
23 33 13 13-0038	EA	18" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	271.19	23.93
		For Stainless Steel, Add	*259.01*	
		For Parallel Blade Damper, Add	*79.70*	
23 33 13 13-0039	EA	18" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	292.73	26.16
		For Stainless Steel, Add	*278.51*	
		For Parallel Blade Damper, Add	*85.70*	
23 33 13 13-0040	EA	18" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	307.43	28.25
		For Stainless Steel, Add	*289.13*	
		For Parallel Blade Damper, Add	*88.96*	
23 33 13 13-0041	EA	18" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	324.74	30.47
		For Stainless Steel, Add	*303.13*	
		For Parallel Blade Damper, Add	*93.27*	
23 33 13 13-0042	EA	20" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	209.22	19.62
		For Stainless Steel, Add	*195.46*	
		For Parallel Blade Damper, Add	*60.14*	
23 33 13 13-0043	EA	20" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	229.39	21.84
		For Stainless Steel, Add	*213.17*	
		For Parallel Blade Damper, Add	*65.59*	
23 33 13 13-0044	EA	20" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	249.61	23.93
		For Stainless Steel, Add	*230.96*	
		For Parallel Blade Damper, Add	*71.06*	
23 33 13 13-0045	EA	20" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	283.51	26.16
		For Stainless Steel, Add	*266.53*	
		For Parallel Blade Damper, Add	*82.01*	
23 33 13 13-0046	EA	20" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	300.30	28.25
		For Stainless Steel, Add	*279.86*	
		For Parallel Blade Damper, Add	*86.11*	
23 33 13 13-0047	EA	20" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	317.10	30.47
		For Stainless Steel, Add	*293.20*	
		For Parallel Blade Damper, Add	*90.22*	
23 33 13 13-0048	EA	20" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	337.28	32.70
		For Stainless Steel, Add	*310.93*	
		For Parallel Blade Damper, Add	*95.67*	
23 33 13 13-0049	EA	20" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	357.45	34.79
		For Stainless Steel, Add	*328.65*	
		For Parallel Blade Damper, Add	*101.12*	
23 33 13 13-0050	EA	24" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	236.23	21.84
		For Stainless Steel, Add	*222.07*	
		For Parallel Blade Damper, Add	*68.33*	
23 33 13 13-0051	EA	24" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	263.29	23.93
		For Stainless Steel, Add	*248.74*	
		For Parallel Blade Damper, Add	*76.54*	
23 33 13 13-0052	EA	24" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	283.51	26.16
		For Stainless Steel, Add	*266.53*	
		For Parallel Blade Damper, Add	*82.01*	
23 33 13 13-0053	EA	24" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	310.56	28.25
		For Stainless Steel, Add	*293.20*	
		For Parallel Blade Damper, Add	*90.22*	
23 33 13 13-0054	EA	24" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	327.32	30.47
		For Stainless Steel, Add	*306.49*	
		For Parallel Blade Damper, Add	*94.30*	
23 33 13 13-0055	EA	24" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	344.12	32.70
		For Stainless Steel, Add	*319.83*	
		For Parallel Blade Damper, Add	*98.41*	
23 33 13 13-0056	EA	24" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	371.13	34.79
		For Stainless Steel, Add	*346.44*	
		For Parallel Blade Damper, Add	*106.60*	
23 33 13 13-0057	EA	24" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	404.70	39.24
		For Stainless Steel, Add	*373.06*	
		For Parallel Blade Damper, Add	*114.79*	
23 33 13 13-0058	EA	24" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	445.18	43.56
		For Stainless Steel, Add	*408.68*	
		For Parallel Blade Damper, Add	*125.75*	
23 33 13 13-0059	EA	28" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	263.29	23.93
		For Stainless Steel, Add	*248.74*	
		For Parallel Blade Damper, Add	*76.54*	
23 33 13 13-0060	EA	28" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	283.51	26.16
		For Stainless Steel, Add	*266.53*	
		For Parallel Blade Damper, Add	*82.01*	
23 33 13 13-0061	EA	28" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	310.56	28.25
		For Stainless Steel, Add	*293.20*	
		For Parallel Blade Damper, Add	*90.22*	
23 33 13 13-0062	EA	28" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	330.74	30.47
		For Stainless Steel, Add	*310.93*	
		For Parallel Blade Damper, Add	*95.67*	
23 33 13 13-0063	EA	28" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	354.33	32.70
		For Stainless Steel, Add	*333.10*	
		For Parallel Blade Damper, Add	*102.49*	
23 33 13 13-0064	EA	28" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	377.92	34.79
		For Stainless Steel, Add	*355.26*	
		For Parallel Blade Damper, Add	*109.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0065	EA	28" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	411.54	39.24
		For Stainless Steel, Add	*381.95*	
		For Parallel Blade Damper, Add	*117.52*	
23 33 13 13-0066	EA	28" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	445.18	43.56
		For Stainless Steel, Add	*408.68*	
		For Parallel Blade Damper, Add	*125.75*	
23 33 13 13-0067	EA	28" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	492.67	45.79
		For Stainless Steel, Add	*461.92*	
		For Parallel Blade Damper, Add	*142.13*	
23 33 13 13-0068	EA	28" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	539.91	50.10
		For Stainless Steel, Add	*506.32*	
		For Parallel Blade Damper, Add	*155.79*	
23 33 13 13-0069	EA	32" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	304.03	26.16
		For Stainless Steel, Add	*293.20*	
		For Parallel Blade Damper, Add	*90.22*	
23 33 13 13-0070	EA	32" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	317.36	28.25
		For Stainless Steel, Add	*302.04*	
		For Parallel Blade Damper, Add	*92.94*	
23 33 13 13-0071	EA	32" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	330.74	30.47
		For Stainless Steel, Add	*310.93*	
		For Parallel Blade Damper, Add	*95.67*	
23 33 13 13-0072	EA	32" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	350.91	32.70
		For Stainless Steel, Add	*328.65*	
		For Parallel Blade Damper, Add	*101.12*	
23 33 13 13-0073	EA	32" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	379.25	34.79
		For Stainless Steel, Add	*356.99*	
		For Parallel Blade Damper, Add	*109.84*	
23 33 13 13-0074	EA	32" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	411.54	39.24
		For Stainless Steel, Add	*381.95*	
		For Parallel Blade Damper, Add	*117.52*	
23 33 13 13-0075	EA	32" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	452.03	43.56
		For Stainless Steel, Add	*417.59*	
		For Parallel Blade Damper, Add	*128.49*	
23 33 13 13-0076	EA	32" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	492.42	47.88
		For Stainless Steel, Add	*453.09*	
		For Parallel Blade Damper, Add	*139.41*	
23 33 13 13-0077	EA	32" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	539.91	50.10
		For Stainless Steel, Add	*506.32*	
		For Parallel Blade Damper, Add	*155.79*	
23 33 13 13-0078	EA	32" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	598.25	53.63
		For Stainless Steel, Add	*568.57*	
		For Parallel Blade Damper, Add	*174.94*	
23 33 13 13-0079	EA	32" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	662.09	56.64
		For Stainless Steel, Add	*639.65*	
		For Parallel Blade Damper, Add	*196.82*	
23 33 13 13-0080	EA	36" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	331.04	28.25
		For Stainless Steel, Add	*319.83*	
		For Parallel Blade Damper, Add	*98.41*	
23 33 13 13-0081	EA	36" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	351.21	30.47
		For Stainless Steel, Add	*337.55*	
		For Parallel Blade Damper, Add	*103.86*	
23 33 13 13-0082	EA	36" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	371.38	32.70
		For Stainless Steel, Add	*355.26*	
		For Parallel Blade Damper, Add	*109.31*	
23 33 13 13-0083	EA	36" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	398.45	34.79
		For Stainless Steel, Add	*381.95*	
		For Parallel Blade Damper, Add	*117.52*	
23 33 13 13-0084	EA	36" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	421.84	39.24
		For Stainless Steel, Add	*395.34*	
		For Parallel Blade Damper, Add	*121.64*	
23 33 13 13-0085	EA	36" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	438.64	41.34
		For Stainless Steel, Add	*408.68*	
		For Parallel Blade Damper, Add	*125.75*	
23 33 13 13-0086	EA	36" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	492.42	47.88
		For Stainless Steel, Add	*453.09*	
		For Parallel Blade Damper, Add	*139.41*	
23 33 13 13-0087	EA	36" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	539.61	52.33
		For Stainless Steel, Add	*497.43*	
		For Parallel Blade Damper, Add	*153.06*	
23 33 13 13-0088	EA	36" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	585.88	54.03
		For Stainless Steel, Add	*550.78*	
		For Parallel Blade Damper, Add	*169.47*	
23 33 13 13-0089	EA	36" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	652.28	57.95
		For Stainless Steel, Add	*621.80*	
		For Parallel Blade Damper, Add	*191.32*	
23 33 13 13-0090	EA	36" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	709.27	60.96
		For Stainless Steel, Add	*683.98*	
		For Parallel Blade Damper, Add	*210.46*	
23 33 13 13-0091	EA	36" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	770.49	63.18
		For Stainless Steel, Add	*755.07*	
		For Parallel Blade Damper, Add	*232.33*	
23 33 13 13-0092	EA	40" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	344.37	32.70
		For Stainless Steel, Add	*328.65*	
		For Parallel Blade Damper, Add	*101.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0093	EA	40" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	378.23	34.79
		For Stainless Steel, Add	*364.17*	
		For Parallel Blade Damper, Add	*112.05*	
23 33 13 13-0094	EA	40" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	391.61	37.01
		For Stainless Steel, Add	*373.06*	
		For Parallel Blade Damper, Add	*114.79*	
23 33 13 13-0095	EA	40" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	404.99	39.24
		For Stainless Steel, Add	*381.95*	
		For Parallel Blade Damper, Add	*117.52*	
23 33 13 13-0096	EA	40" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	442.02	41.34
		For Stainless Steel, Add	*413.08*	
		For Parallel Blade Damper, Add	*127.10*	
23 33 13 13-0097	EA	40" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	472.50	43.56
		For Stainless Steel, Add	*444.20*	
		For Parallel Blade Damper, Add	*136.68*	
23 33 13 13-0098	EA	40" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	519.43	50.10
		For Stainless Steel, Add	*479.70*	
		For Parallel Blade Damper, Add	*147.60*	
23 33 13 13-0099	EA	40" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	559.87	54.42
		For Stainless Steel, Add	*515.27*	
		For Parallel Blade Damper, Add	*158.54*	
23 33 13 13-0100	EA	40" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	611.33	57.95
		For Stainless Steel, Add	*568.57*	
		For Parallel Blade Damper, Add	*174.94*	
23 33 13 13-0101	EA	40" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	695.64	60.96
		For Stainless Steel, Add	*666.26*	
		For Parallel Blade Damper, Add	*205.00*	
23 33 13 13-0102	EA	40" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	747.05	64.49
		For Stainless Steel, Add	*719.50*	
		For Parallel Blade Damper, Add	*221.38*	
23 33 13 13-0103	EA	40" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	827.48	66.19
		For Stainless Steel, Add	*817.25*	
		For Parallel Blade Damper, Add	*251.46*	
23 33 13 13-0104	EA	40" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	906.31	69.72
		For Stainless Steel, Add	*906.11*	
		For Parallel Blade Damper, Add	*278.80*	
23 33 13 13-0105	EA	44" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	364.59	32.70
		For Stainless Steel, Add	*346.44*	
		For Parallel Blade Damper, Add	*106.60*	
23 33 13 13-0106	EA	44" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	398.45	34.79
		For Stainless Steel, Add	*381.95*	
		For Parallel Blade Damper, Add	*117.52*	
23 33 13 13-0107	EA	44" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	425.55	37.01
		For Stainless Steel, Add	*408.68*	
		For Parallel Blade Damper, Add	*125.75*	
23 33 13 13-0108	EA	44" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	438.95	39.24
		For Stainless Steel, Add	*417.59*	
		For Parallel Blade Damper, Add	*128.49*	
23 33 13 13-0109	EA	44" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	472.80	41.34
		For Stainless Steel, Add	*453.09*	
		For Parallel Blade Damper, Add	*139.41*	
23 33 13 13-0110	EA	44" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	506.65	43.56
		For Stainless Steel, Add	*488.59*	
		For Parallel Blade Damper, Add	*150.34*	
23 33 13 13-0111	EA	44" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	567.02	52.33
		For Stainless Steel, Add	*533.07*	
		For Parallel Blade Damper, Add	*164.02*	
23 33 13 13-0112	EA	44" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	614.20	56.64
		For Stainless Steel, Add	*577.40*	
		For Parallel Blade Damper, Add	*177.66*	
23 33 13 13-0113	EA	44" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	695.64	60.96
		For Stainless Steel, Add	*666.26*	
		For Parallel Blade Damper, Add	*205.00*	
23 33 13 13-0114	EA	44" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	770.25	65.41
		For Stainless Steel, Add	*746.24*	
		For Parallel Blade Damper, Add	*229.61*	
23 33 13 13-0115	EA	44" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	851.59	69.72
		For Stainless Steel, Add	*834.98*	
		For Parallel Blade Damper, Add	*256.92*	
23 33 13 13-0116	EA	44" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	919.64	71.81
		For Stainless Steel, Add	*914.94*	
		For Parallel Blade Damper, Add	*281.52*	
23 33 13 13-0117	EA	44" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	987.70	74.04
		For Stainless Steel, Add	*994.92*	
		For Parallel Blade Damper, Add	*306.13*	
23 33 13 13-0118	EA	44" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,055.76	76.26
		For Stainless Steel, Add	*1,074.89*	
		For Parallel Blade Damper, Add	*330.74*	
23 33 13 13-0119	EA	48" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	391.61	34.79
		For Stainless Steel, Add	*373.06*	
		For Parallel Blade Damper, Add	*114.79*	
23 33 13 13-0120	EA	48" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	425.55	37.01
		For Stainless Steel, Add	*408.68*	
		For Parallel Blade Damper, Add	*125.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0121	EA	48" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	438.95	39.24
		For Stainless Steel, Add	*417.59*	
		For Parallel Blade Damper, Add	*128.49*	
23 33 13 13-0122	EA	48" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	472.50	43.56
		For Stainless Steel, Add	*444.20*	
		For Parallel Blade Damper, Add	*136.68*	
23 33 13 13-0123	EA	48" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	512.89	47.88
		For Stainless Steel, Add	*479.70*	
		For Parallel Blade Damper, Add	*147.60*	
23 33 13 13-0124	EA	48" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	553.33	52.33
		For Stainless Steel, Add	*515.27*	
		For Parallel Blade Damper, Add	*158.54*	
23 33 13 13-0125	EA	48" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	607.41	56.64
		For Stainless Steel, Add	*568.57*	
		For Parallel Blade Damper, Add	*174.94*	
23 33 13 13-0126	EA	48" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	661.44	60.96
		For Stainless Steel, Add	*621.80*	
		For Parallel Blade Damper, Add	*191.32*	
23 33 13 13-0127	EA	48" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	736.04	65.41
		For Stainless Steel, Add	*701.77*	
		For Parallel Blade Damper, Add	*215.93*	
23 33 13 13-0128	EA	48" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	824.27	69.72
		For Stainless Steel, Add	*799.46*	
		For Parallel Blade Damper, Add	*245.99*	
23 33 13 13-0129	EA	48" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	892.38	71.81
		For Stainless Steel, Add	*879.50*	
		For Parallel Blade Damper, Add	*270.62*	
23 33 13 13-0130	EA	48" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	980.86	74.04
		For Stainless Steel, Add	*986.02*	
		For Parallel Blade Damper, Add	*303.39*	
23 33 13 13-0131	EA	48" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,055.46	78.35
		For Stainless Steel, Add	*1,066.00*	
		For Parallel Blade Damper, Add	*328.00*	
23 33 13 13-0132	EA	48" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,143.99	80.58
		For Stainless Steel, Add	*1,172.59*	
		For Parallel Blade Damper, Add	*360.80*	
23 33 13 13-0133	EA	48" x 48" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,218.27	87.12
		For Stainless Steel, Add	*1,243.66*	
		For Parallel Blade Damper, Add	*382.66*	
23 33 13 13-0134	EA	52" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	418.71	37.01
		For Stainless Steel, Add	*399.79*	
		For Parallel Blade Damper, Add	*123.01*	
23 33 13 13-0135	EA	52" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	452.58	39.24
		For Stainless Steel, Add	*435.31*	
		For Parallel Blade Damper, Add	*133.94*	
23 33 13 13-0136	EA	52" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	492.97	43.56
		For Stainless Steel, Add	*470.81*	
		For Parallel Blade Damper, Add	*144.86*	
23 33 13 13-0137	EA	52" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	512.89	47.88
		For Stainless Steel, Add	*479.70*	
		For Parallel Blade Damper, Add	*147.60*	
23 33 13 13-0138	EA	52" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	556.76	52.33
		For Stainless Steel, Add	*519.73*	
		For Parallel Blade Damper, Add	*159.92*	
23 33 13 13-0139	EA	52" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	600.57	56.64
		For Stainless Steel, Add	*559.68*	
		For Parallel Blade Damper, Add	*172.21*	
23 33 13 13-0140	EA	52" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	654.64	60.96
		For Stainless Steel, Add	*612.96*	
		For Parallel Blade Damper, Add	*188.60*	
23 33 13 13-0141	EA	52" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	708.73	65.41
		For Stainless Steel, Add	*666.26*	
		For Parallel Blade Damper, Add	*205.00*	
23 33 13 13-0142	EA	52" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	783.33	69.72
		For Stainless Steel, Add	*746.24*	
		For Parallel Blade Damper, Add	*229.61*	
23 33 13 13-0143	EA	52" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	878.35	74.04
		For Stainless Steel, Add	*852.76*	
		For Parallel Blade Damper, Add	*262.39*	
23 33 13 13-0144	EA	52" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	953.20	76.26
		For Stainless Steel, Add	*941.56*	
		For Parallel Blade Damper, Add	*289.71*	
23 33 13 13-0145	EA	52" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,048.62	78.35
		For Stainless Steel, Add	*1,057.11*	
		For Parallel Blade Damper, Add	*325.26*	
23 33 13 13-0146	EA	52" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,143.64	82.80
		For Stainless Steel, Add	*1,163.63*	
		For Parallel Blade Damper, Add	*358.04*	
23 33 13 13-0147	EA	52" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,218.27	87.12
		For Stainless Steel, Add	*1,243.66*	
		For Parallel Blade Damper, Add	*382.66*	
23 33 13 13-0148	EA	52" x 48" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,319.89	93.66
		For Stainless Steel, Add	*1,350.25*	
		For Parallel Blade Damper, Add	*415.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0149	EA	52" x 52" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,401.33	97.97
		For Stainless Steel, Add	*1,439.11*	
		For Parallel Blade Damper, Add	*442.80*	
23 33 13 13-0150	EA	56" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	438.95	39.24
		For Stainless Steel, Add	*417.59*	
		For Parallel Blade Damper, Add	*128.49*	
23 33 13 13-0151	EA	56" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	486.13	43.56
		For Stainless Steel, Add	*461.92*	
		For Parallel Blade Damper, Add	*142.13*	
23 33 13 13-0152	EA	56" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	519.73	47.88
		For Stainless Steel, Add	*488.59*	
		For Parallel Blade Damper, Add	*150.34*	
23 33 13 13-0153	EA	56" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	539.61	52.33
		For Stainless Steel, Add	*497.43*	
		For Parallel Blade Damper, Add	*153.06*	
23 33 13 13-0154	EA	56" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	590.31	56.64
		For Stainless Steel, Add	*546.34*	
		For Parallel Blade Damper, Add	*168.10*	
23 33 13 13-0155	EA	56" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	640.96	60.96
		For Stainless Steel, Add	*595.18*	
		For Parallel Blade Damper, Add	*183.13*	
23 33 13 13-0156	EA	56" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	691.63	65.41
		For Stainless Steel, Add	*644.03*	
		For Parallel Blade Damper, Add	*198.16*	
23 33 13 13-0157	EA	56" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	742.28	69.72
		For Stainless Steel, Add	*692.87*	
		For Parallel Blade Damper, Add	*213.19*	
23 33 13 13-0158	EA	56" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	837.35	74.04
		For Stainless Steel, Add	*799.46*	
		For Parallel Blade Damper, Add	*245.99*	
23 33 13 13-0159	EA	56" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	925.93	76.26
		For Stainless Steel, Add	*906.11*	
		For Parallel Blade Damper, Add	*278.80*	
23 33 13 13-0160	EA	56" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,007.62	78.35
		For Stainless Steel, Add	*1,003.81*	
		For Parallel Blade Damper, Add	*308.86*	
23 33 13 13-0161	EA	56" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,116.37	82.80
		For Stainless Steel, Add	*1,128.18*	
		For Parallel Blade Damper, Add	*347.13*	
23 33 13 13-0162	EA	56" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,211.43	87.12
		For Stainless Steel, Add	*1,234.77*	
		For Parallel Blade Damper, Add	*379.93*	
23 33 13 13-0163	EA	56" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,313.35	91.43
		For Stainless Steel, Add	*1,350.25*	
		For Parallel Blade Damper, Add	*415.46*	
23 33 13 13-0164	EA	56" x 48" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,394.79	95.88
		For Stainless Steel, Add	*1,439.11*	
		For Parallel Blade Damper, Add	*442.80*	
23 33 13 13-0165	EA	56" x 52" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,496.70	100.20
		For Stainless Steel, Add	*1,554.59*	
		For Parallel Blade Damper, Add	*478.34*	
23 33 13 13-0166	EA	56" x 56" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,598.61	104.51
		For Stainless Steel, Add	*1,670.07*	
		For Parallel Blade Damper, Add	*513.87*	
23 33 13 13-0167	EA	60" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	472.50	43.56
		For Stainless Steel, Add	*444.20*	
		For Parallel Blade Damper, Add	*136.68*	
23 33 13 13-0168	EA	60" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	519.73	47.88
		For Stainless Steel, Add	*488.59*	
		For Parallel Blade Damper, Add	*150.34*	
23 33 13 13-0169	EA	60" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	546.45	52.33
		For Stainless Steel, Add	*506.32*	
		For Parallel Blade Damper, Add	*155.79*	
23 33 13 13-0170	EA	60" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	566.41	56.64
		For Stainless Steel, Add	*515.27*	
		For Parallel Blade Damper, Add	*158.54*	
23 33 13 13-0171	EA	60" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	620.49	60.96
		For Stainless Steel, Add	*568.57*	
		For Parallel Blade Damper, Add	*174.94*	
23 33 13 13-0172	EA	60" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	674.53	65.41
		For Stainless Steel, Add	*621.80*	
		For Parallel Blade Damper, Add	*191.32*	
23 33 13 13-0173	EA	60" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	732.02	69.72
		For Stainless Steel, Add	*679.54*	
		For Parallel Blade Damper, Add	*209.09*	
23 33 13 13-0174	EA	60" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	789.52	74.04
		For Stainless Steel, Add	*737.28*	
		For Parallel Blade Damper, Add	*226.86*	
23 33 13 13-0175	EA	60" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	884.89	76.26
		For Stainless Steel, Add	*852.76*	
		For Parallel Blade Damper, Add	*262.39*	
23 33 13 13-0176	EA	60" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	973.42	78.35
		For Stainless Steel, Add	*959.35*	
		For Parallel Blade Damper, Add	*295.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0177	EA	60" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,075.38	82.80
		For Stainless Steel, Add	*1,074.89*	
		For Parallel Blade Damper, Add	*330.74*	
23 33 13 13-0178	EA	60" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,177.28	87.12
		For Stainless Steel, Add	*1,190.37*	
		For Parallel Blade Damper, Add	*366.27*	
23 33 13 13-0179	EA	60" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,258.68	91.43
		For Stainless Steel, Add	*1,279.17*	
		For Parallel Blade Damper, Add	*393.59*	
23 33 13 13-0180	EA	60" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,381.06	95.88
		For Stainless Steel, Add	*1,421.26*	
		For Parallel Blade Damper, Add	*437.31*	
23 33 13 13-0181	EA	60" x 48" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,489.81	100.20
		For Stainless Steel, Add	*1,545.64*	
		For Parallel Blade Damper, Add	*475.58*	
23 33 13 13-0182	EA	60" x 52" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,598.61	104.51
		For Stainless Steel, Add	*1,670.07*	
		For Parallel Blade Damper, Add	*513.87*	
23 33 13 13-0183	EA	60" x 56" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,693.59	108.96
		For Stainless Steel, Add	*1,776.54*	
		For Parallel Blade Damper, Add	*546.63*	
23 33 13 13-0184	EA	60" x 60" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,788.75	113.28
		For Stainless Steel, Add	*1,883.25*	
		For Parallel Blade Damper, Add	*579.46*	

23 33 13 16 Fire Dampers *(23 33 13)*

23 33 13 16-0001 Fire Dampers *(23 33 13 16)*

23 33 13 16-0002	SF	Curtain Type, Vertical, Fire Damper	153.46	14.13
		For Spring Activated Horizontal Mount Operation, Add	*24.96*	
		For Dynamic Damper, Add	*59.91*	
		For 3 Hour Rated, Add	*33.28*	
		For Smoke Damper, Add	*94.30*	
23 33 13 16-0003	SF	Louver Type, Vertical, Fire Damper	213.98	14.13
		For Spring Activated Horizontal Mount Operation, Add	*38.58*	
		For Dynamic Damper, Add	*92.59*	
		For 3 Hour Rated, Add	*51.44*	
		For Smoke Damper, Add	*145.74*	

23 33 13 16-0004 Folding Curtain Fire Dampers *(23 33 13 16)*

Note: UL Listed. Air stream 22 gauge galvanized steel construction with fusible link 160 F, gravity actuated for vertical mount 1-1/2 hour fire rating. Damper blades and damper frame are in the air stream.

23 33 13 16-0005	EA	6" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	80.05	14.52
		For Spring Activated Horizontal Mount Operation, Add	*8.21*	
		For Dynamic Damper, Add	*19.70*	
		For 3 Hour Rated, Add	*10.95*	
		For Cap Of Damper Blades Outside Air Stream, Add	*9.12*	
23 33 13 16-0006	EA	8" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	84.61	15.17
		For Spring Activated Horizontal Mount Operation, Add	*8.79*	
		For Dynamic Damper, Add	*21.10*	
		For 3 Hour Rated, Add	*11.72*	
		For Cap Of Damper Blades Outside Air Stream, Add	*9.77*	
23 33 13 16-0007	EA	8" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	87.48	15.30
		For Spring Activated Horizontal Mount Operation, Add	*9.38*	
		For Dynamic Damper, Add	*22.51*	
		For 3 Hour Rated, Add	*12.51*	
		For Cap Of Damper Blades Outside Air Stream, Add	*10.42*	
23 33 13 16-0008	EA	10" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	87.48	15.30
		For Spring Activated Horizontal Mount Operation, Add	*9.38*	
		For Dynamic Damper, Add	*22.51*	
		For 3 Hour Rated, Add	*12.51*	
		For Cap Of Damper Blades Outside Air Stream, Add	*10.42*	
23 33 13 16-0009	EA	10" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	91.40	15.70
		For Spring Activated Horizontal Mount Operation, Add	*9.97*	
		For Dynamic Damper, Add	*23.92*	
		For 3 Hour Rated, Add	*13.29*	
		For Cap Of Damper Blades Outside Air Stream, Add	*11.08*	
23 33 13 16-0010	EA	10" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	101.84	17.40
		For Spring Activated Horizontal Mount Operation, Add	*11.14*	
		For Dynamic Damper, Add	*26.74*	
		For 3 Hour Rated, Add	*14.85*	
		For Cap Of Damper Blades Outside Air Stream, Add	*12.38*	
23 33 13 16-0011	EA	12" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	91.40	15.70
		For Spring Activated Horizontal Mount Operation, Add	*9.97*	
		For Dynamic Damper, Add	*23.92*	
		For 3 Hour Rated, Add	*13.29*	
		For Cap Of Damper Blades Outside Air Stream, Add	*11.08*	
23 33 13 16-0012	EA	12" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	99.22	16.61
		For Spring Activated Horizontal Mount Operation, Add	*11.14*	
		For Dynamic Damper, Add	*26.74*	
		For 3 Hour Rated, Add	*14.85*	
		For Cap Of Damper Blades Outside Air Stream, Add	*12.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0013	EA	12" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	104.45	17.40
		For Spring Activated Horizontal Mount Operation, Add	*11.73*	
		For Dynamic Damper, Add	*28.14*	
		For 3 Hour Rated, Add	*15.64*	
		For Cap Of Damper Blades Outside Air Stream, Add	*13.03*	
23 33 13 16-0014	EA	12" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	113.60	19.62
		For Spring Activated Horizontal Mount Operation, Add	*12.31*	
		For Dynamic Damper, Add	*29.55*	
		For 3 Hour Rated, Add	*16.42*	
		For Cap Of Damper Blades Outside Air Stream, Add	*13.68*	
23 33 13 16-0015	EA	14" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	97.92	16.61
		For Spring Activated Horizontal Mount Operation, Add	*10.85*	
		For Dynamic Damper, Add	*26.03*	
		For 3 Hour Rated, Add	*14.46*	
		For Cap Of Damper Blades Outside Air Stream, Add	*12.05*	
23 33 13 16-0016	EA	14" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	104.45	17.40
		For Spring Activated Horizontal Mount Operation, Add	*11.73*	
		For Dynamic Damper, Add	*28.14*	
		For 3 Hour Rated, Add	*15.64*	
		For Cap Of Damper Blades Outside Air Stream, Add	*13.03*	
23 33 13 16-0017	EA	14" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	109.67	18.31
		For Spring Activated Horizontal Mount Operation, Add	*12.31*	
		For Dynamic Damper, Add	*29.55*	
		For 3 Hour Rated, Add	*16.42*	
		For Cap Of Damper Blades Outside Air Stream, Add	*13.68*	
23 33 13 16-0018	EA	14" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	116.21	19.62
		For Spring Activated Horizontal Mount Operation, Add	*12.90*	
		For Dynamic Damper, Add	*30.96*	
		For 3 Hour Rated, Add	*17.20*	
		For Cap Of Damper Blades Outside Air Stream, Add	*14.34*	
23 33 13 16-0019	EA	14" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	129.27	21.84
		For Spring Activated Horizontal Mount Operation, Add	*14.37*	
		For Dynamic Damper, Add	*34.48*	
		For 3 Hour Rated, Add	*19.16*	
		For Cap Of Damper Blades Outside Air Stream, Add	*15.97*	
23 33 13 16-0020	EA	16" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	104.45	17.40
		For Spring Activated Horizontal Mount Operation, Add	*11.73*	
		For Dynamic Damper, Add	*28.14*	
		For 3 Hour Rated, Add	*15.64*	
		For Cap Of Damper Blades Outside Air Stream, Add	*13.03*	
23 33 13 16-0021	EA	16" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	110.98	18.70
		For Spring Activated Horizontal Mount Operation, Add	*12.31*	
		For Dynamic Damper, Add	*29.55*	
		For 3 Hour Rated, Add	*16.42*	
		For Cap Of Damper Blades Outside Air Stream, Add	*13.68*	
23 33 13 16-0022	EA	16" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	118.82	20.53
		For Spring Activated Horizontal Mount Operation, Add	*12.90*	
		For Dynamic Damper, Add	*30.96*	
		For 3 Hour Rated, Add	*17.20*	
		For Cap Of Damper Blades Outside Air Stream, Add	*14.34*	
23 33 13 16-0023	EA	16" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	125.34	21.84
		For Spring Activated Horizontal Mount Operation, Add	*13.48*	
		For Dynamic Damper, Add	*32.36*	
		For 3 Hour Rated, Add	*17.98*	
		For Cap Of Damper Blades Outside Air Stream, Add	*14.98*	
23 33 13 16-0024	EA	16" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	138.42	23.93
		For Spring Activated Horizontal Mount Operation, Add	*14.96*	
		For Dynamic Damper, Add	*35.89*	
		For 3 Hour Rated, Add	*19.94*	
		For Cap Of Damper Blades Outside Air Stream, Add	*16.62*	
23 33 13 16-0025	EA	16" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	151.47	26.16
		For Spring Activated Horizontal Mount Operation, Add	*16.42*	
		For Dynamic Damper, Add	*39.41*	
		For 3 Hour Rated, Add	*21.89*	
		For Cap Of Damper Blades Outside Air Stream, Add	*18.25*	
23 33 13 16-0026	EA	18" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	109.67	18.31
		For Spring Activated Horizontal Mount Operation, Add	*12.31*	
		For Dynamic Damper, Add	*29.55*	
		For 3 Hour Rated, Add	*16.42*	
		For Cap Of Damper Blades Outside Air Stream, Add	*13.68*	
23 33 13 16-0027	EA	18" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	117.50	19.62
		For Spring Activated Horizontal Mount Operation, Add	*13.19*	
		For Dynamic Damper, Add	*31.66*	
		For 3 Hour Rated, Add	*17.59*	
		For Cap Of Damper Blades Outside Air Stream, Add	*14.66*	
23 33 13 16-0028	EA	18" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	127.97	21.84
		For Spring Activated Horizontal Mount Operation, Add	*14.08*	
		For Dynamic Damper, Add	*33.78*	
		For 3 Hour Rated, Add	*18.77*	
		For Cap Of Damper Blades Outside Air Stream, Add	*15.64*	
23 33 13 16-0029	EA	18" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	141.03	23.93
		For Spring Activated Horizontal Mount Operation, Add	*15.54*	
		For Dynamic Damper, Add	*37.30*	
		For 3 Hour Rated, Add	*20.72*	
		For Cap Of Damper Blades Outside Air Stream, Add	*17.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0030	EA	18" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	152.77	26.16
		For Spring Activated Horizontal Mount Operation, Add	*16.71*	
		For Dynamic Damper, Add	*40.11*	
		For 3 Hour Rated, Add	*22.28*	
		For Cap Of Damper Blades Outside Air Stream, Add	*18.57*	
23 33 13 16-0031	EA	18" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	165.82	28.25
		For Spring Activated Horizontal Mount Operation, Add	*18.18*	
		For Dynamic Damper, Add	*43.63*	
		For 3 Hour Rated, Add	*24.24*	
		For Cap Of Damper Blades Outside Air Stream, Add	*20.20*	
23 33 13 16-0032	EA	18" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	176.26	30.47
		For Spring Activated Horizontal Mount Operation, Add	*19.06*	
		For Dynamic Damper, Add	*45.74*	
		For 3 Hour Rated, Add	*25.41*	
		For Cap Of Damper Blades Outside Air Stream, Add	*21.18*	
23 33 13 16-0033	EA	20" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	116.21	19.62
		For Spring Activated Horizontal Mount Operation, Add	*12.90*	
		For Dynamic Damper, Add	*30.96*	
		For 3 Hour Rated, Add	*17.20*	
		For Cap Of Damper Blades Outside Air Stream, Add	*14.34*	
23 33 13 16-0034	EA	20" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	127.95	21.84
		For Spring Activated Horizontal Mount Operation, Add	*14.07*	
		For Dynamic Damper, Add	*33.77*	
		For 3 Hour Rated, Add	*18.76*	
		For Cap Of Damper Blades Outside Air Stream, Add	*15.64*	
23 33 13 16-0035	EA	20" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	139.71	23.93
		For Spring Activated Horizontal Mount Operation, Add	*15.25*	
		For Dynamic Damper, Add	*36.59*	
		For 3 Hour Rated, Add	*20.33*	
		For Cap Of Damper Blades Outside Air Stream, Add	*16.94*	
23 33 13 16-0036	EA	20" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	156.70	26.16
		For Spring Activated Horizontal Mount Operation, Add	*17.60*	
		For Dynamic Damper, Add	*42.23*	
		For 3 Hour Rated, Add	*23.46*	
		For Cap Of Damper Blades Outside Air Stream, Add	*19.55*	
23 33 13 16-0037	EA	20" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	167.13	28.25
		For Spring Activated Horizontal Mount Operation, Add	*18.47*	
		For Dynamic Damper, Add	*44.34*	
		For 3 Hour Rated, Add	*24.63*	
		For Cap Of Damper Blades Outside Air Stream, Add	*20.53*	
23 33 13 16-0038	EA	20" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	177.58	30.47
		For Spring Activated Horizontal Mount Operation, Add	*19.35*	
		For Dynamic Damper, Add	*46.45*	
		For 3 Hour Rated, Add	*25.81*	
		For Cap Of Damper Blades Outside Air Stream, Add	*21.51*	
23 33 13 16-0039	EA	20" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	189.32	32.70
		For Spring Activated Horizontal Mount Operation, Add	*20.52*	
		For Dynamic Damper, Add	*49.26*	
		For 3 Hour Rated, Add	*27.37*	
		For Cap Of Damper Blades Outside Air Stream, Add	*22.81*	
23 33 13 16-0040	EA	20" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	201.06	34.79
		For Spring Activated Horizontal Mount Operation, Add	*21.69*	
		For Dynamic Damper, Add	*52.07*	
		For 3 Hour Rated, Add	*28.93*	
		For Cap Of Damper Blades Outside Air Stream, Add	*24.11*	
23 33 13 16-0041	EA	24" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	130.56	21.84
		For Spring Activated Horizontal Mount Operation, Add	*14.66*	
		For Dynamic Damper, Add	*35.18*	
		For 3 Hour Rated, Add	*19.55*	
		For Cap Of Damper Blades Outside Air Stream, Add	*16.29*	
23 33 13 16-0042	EA	24" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	144.93	23.93
		For Spring Activated Horizontal Mount Operation, Add	*16.42*	
		For Dynamic Damper, Add	*39.41*	
		For 3 Hour Rated, Add	*21.89*	
		For Cap Of Damper Blades Outside Air Stream, Add	*18.25*	
23 33 13 16-0043	EA	24" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	156.70	26.16
		For Spring Activated Horizontal Mount Operation, Add	*17.60*	
		For Dynamic Damper, Add	*42.23*	
		For 3 Hour Rated, Add	*23.46*	
		For Cap Of Damper Blades Outside Air Stream, Add	*19.55*	
23 33 13 16-0044	EA	24" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	171.04	28.25
		For Spring Activated Horizontal Mount Operation, Add	*19.35*	
		For Dynamic Damper, Add	*46.45*	
		For 3 Hour Rated, Add	*25.81*	
		For Cap Of Damper Blades Outside Air Stream, Add	*21.51*	
23 33 13 16-0045	EA	24" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	181.48	30.47
		For Spring Activated Horizontal Mount Operation, Add	*20.23*	
		For Dynamic Damper, Add	*48.56*	
		For 3 Hour Rated, Add	*26.98*	
		For Cap Of Damper Blades Outside Air Stream, Add	*22.48*	
23 33 13 16-0046	EA	24" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	191.93	32.70
		For Spring Activated Horizontal Mount Operation, Add	*21.11*	
		For Dynamic Damper, Add	*50.67*	
		For 3 Hour Rated, Add	*28.15*	
		For Cap Of Damper Blades Outside Air Stream, Add	*23.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0047	EA	24" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	206.28	34.79
		For Spring Activated Horizontal Mount Operation, Add	*22.87*	
		For Dynamic Damper, Add	*54.89*	
		For 3 Hour Rated, Add	*30.49*	
		For Cap Of Damper Blades Outside Air Stream, Add	*25.41*	
23 33 13 16-0048	EA	24" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	227.19	39.24
		For Spring Activated Horizontal Mount Operation, Add	*24.63*	
		For Dynamic Damper, Add	*59.11*	
		For 3 Hour Rated, Add	*32.84*	
		For Cap Of Damper Blades Outside Air Stream, Add	*27.37*	
23 33 13 16-0049	EA	24" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	250.71	43.56
		For Spring Activated Horizontal Mount Operation, Add	*26.98*	
		For Dynamic Damper, Add	*64.75*	
		For 3 Hour Rated, Add	*35.97*	
		For Cap Of Damper Blades Outside Air Stream, Add	*29.98*	
23 33 13 16-0050	EA	28" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	144.93	23.93
		For Spring Activated Horizontal Mount Operation, Add	*16.42*	
		For Dynamic Damper, Add	*39.41*	
		For 3 Hour Rated, Add	*21.89*	
		For Cap Of Damper Blades Outside Air Stream, Add	*18.25*	
23 33 13 16-0051	EA	28" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	156.70	26.16
		For Spring Activated Horizontal Mount Operation, Add	*17.60*	
		For Dynamic Damper, Add	*42.23*	
		For 3 Hour Rated, Add	*23.46*	
		For Cap Of Damper Blades Outside Air Stream, Add	*19.55*	
23 33 13 16-0052	EA	28" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	171.04	28.25
		For Spring Activated Horizontal Mount Operation, Add	*19.35*	
		For Dynamic Damper, Add	*46.45*	
		For 3 Hour Rated, Add	*25.81*	
		For Cap Of Damper Blades Outside Air Stream, Add	*21.51*	
23 33 13 16-0053	EA	28" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	182.78	30.47
		For Spring Activated Horizontal Mount Operation, Add	*20.52*	
		For Dynamic Damper, Add	*49.26*	
		For 3 Hour Rated, Add	*27.37*	
		For Cap Of Damper Blades Outside Air Stream, Add	*22.81*	
23 33 13 16-0054	EA	28" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	195.84	32.70
		For Spring Activated Horizontal Mount Operation, Add	*21.99*	
		For Dynamic Damper, Add	*52.78*	
		For 3 Hour Rated, Add	*29.32*	
		For Cap Of Damper Blades Outside Air Stream, Add	*24.44*	
23 33 13 16-0055	EA	28" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	208.87	34.79
		For Spring Activated Horizontal Mount Operation, Add	*23.45*	
		For Dynamic Damper, Add	*56.28*	
		For 3 Hour Rated, Add	*31.27*	
		For Cap Of Damper Blades Outside Air Stream, Add	*26.06*	
23 33 13 16-0056	EA	28" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	229.80	39.24
		For Spring Activated Horizontal Mount Operation, Add	*25.22*	
		For Dynamic Damper, Add	*60.52*	
		For 3 Hour Rated, Add	*33.62*	
		For Cap Of Damper Blades Outside Air Stream, Add	*28.02*	
23 33 13 16-0057	EA	28" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	250.71	43.56
		For Spring Activated Horizontal Mount Operation, Add	*26.98*	
		For Dynamic Damper, Add	*64.75*	
		For 3 Hour Rated, Add	*35.97*	
		For Cap Of Damper Blades Outside Air Stream, Add	*29.98*	
23 33 13 16-0058	EA	28" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	272.87	45.79
		For Spring Activated Horizontal Mount Operation, Add	*30.49*	
		For Dynamic Damper, Add	*73.18*	
		For 3 Hour Rated, Add	*40.66*	
		For Cap Of Damper Blades Outside Air Stream, Add	*33.88*	
23 33 13 16-0059	EA	28" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	298.99	50.10
		For Spring Activated Horizontal Mount Operation, Add	*33.43*	
		For Dynamic Damper, Add	*80.22*	
		For 3 Hour Rated, Add	*44.57*	
		For Cap Of Damper Blades Outside Air Stream, Add	*37.14*	
23 33 13 16-0060	EA	32" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	164.51	26.16
		For Spring Activated Horizontal Mount Operation, Add	*19.35*	
		For Dynamic Damper, Add	*46.45*	
		For 3 Hour Rated, Add	*25.81*	
		For Cap Of Damper Blades Outside Air Stream, Add	*21.51*	
23 33 13 16-0061	EA	32" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	173.63	28.25
		For Spring Activated Horizontal Mount Operation, Add	*19.94*	
		For Dynamic Damper, Add	*47.85*	
		For 3 Hour Rated, Add	*26.58*	
		For Cap Of Damper Blades Outside Air Stream, Add	*22.15*	
23 33 13 16-0062	EA	32" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	182.78	30.47
		For Spring Activated Horizontal Mount Operation, Add	*20.52*	
		For Dynamic Damper, Add	*49.26*	
		For 3 Hour Rated, Add	*27.37*	
		For Cap Of Damper Blades Outside Air Stream, Add	*22.81*	
23 33 13 16-0063	EA	32" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	194.52	32.70
		For Spring Activated Horizontal Mount Operation, Add	*21.69*	
		For Dynamic Damper, Add	*52.07*	
		For 3 Hour Rated, Add	*28.93*	
		For Cap Of Damper Blades Outside Air Stream, Add	*24.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0064	EA	32" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	209.37	34.79
		For Spring Activated Horizontal Mount Operation, Add	*23.56*	
		For Dynamic Damper, Add	*56.55*	
		For 3 Hour Rated, Add	*31.42*	
		For Cap Of Damper Blades Outside Air Stream, Add	*26.18*	
23 33 13 16-0065	EA	32" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	229.80	39.24
		For Spring Activated Horizontal Mount Operation, Add	*25.22*	
		For Dynamic Damper, Add	*60.52*	
		For 3 Hour Rated, Add	*33.62*	
		For Cap Of Damper Blades Outside Air Stream, Add	*28.02*	
23 33 13 16-0066	EA	32" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	253.32	43.56
		For Spring Activated Horizontal Mount Operation, Add	*27.56*	
		For Dynamic Damper, Add	*66.16*	
		For 3 Hour Rated, Add	*36.75*	
		For Cap Of Damper Blades Outside Air Stream, Add	*30.63*	
23 33 13 16-0067	EA	32" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	276.82	47.88
		For Spring Activated Horizontal Mount Operation, Add	*29.91*	
		For Dynamic Damper, Add	*71.78*	
		For 3 Hour Rated, Add	*39.88*	
		For Cap Of Damper Blades Outside Air Stream, Add	*33.23*	
23 33 13 16-0068	EA	32" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	298.99	50.10
		For Spring Activated Horizontal Mount Operation, Add	*33.43*	
		For Dynamic Damper, Add	*80.22*	
		For 3 Hour Rated, Add	*44.57*	
		For Cap Of Damper Blades Outside Air Stream, Add	*37.14*	
23 33 13 16-0069	EA	32" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	327.70	53.63
		For Spring Activated Horizontal Mount Operation, Add	*37.53*	
		For Dynamic Damper, Add	*90.08*	
		For 3 Hour Rated, Add	*50.04*	
		For Cap Of Damper Blades Outside Air Stream, Add	*41.70*	
23 33 13 16-0070	EA	32" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	357.71	56.64
		For Spring Activated Horizontal Mount Operation, Add	*42.22*	
		For Dynamic Damper, Add	*101.34*	
		For 3 Hour Rated, Add	*56.30*	
		For Cap Of Damper Blades Outside Air Stream, Add	*46.92*	
23 33 13 16-0071	EA	36" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	178.85	28.25
		For Spring Activated Horizontal Mount Operation, Add	*21.11*	
		For Dynamic Damper, Add	*50.67*	
		For 3 Hour Rated, Add	*28.15*	
		For Cap Of Damper Blades Outside Air Stream, Add	*23.46*	
23 33 13 16-0072	EA	36" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	190.59	30.47
		For Spring Activated Horizontal Mount Operation, Add	*22.28*	
		For Dynamic Damper, Add	*53.48*	
		For 3 Hour Rated, Add	*29.71*	
		For Cap Of Damper Blades Outside Air Stream, Add	*24.76*	
23 33 13 16-0073	EA	36" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	202.33	32.70
		For Spring Activated Horizontal Mount Operation, Add	*23.45*	
		For Dynamic Damper, Add	*56.28*	
		For 3 Hour Rated, Add	*31.27*	
		For Cap Of Damper Blades Outside Air Stream, Add	*26.06*	
23 33 13 16-0074	EA	36" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	216.71	34.79
		For Spring Activated Horizontal Mount Operation, Add	*25.22*	
		For Dynamic Damper, Add	*60.52*	
		For 3 Hour Rated, Add	*33.62*	
		For Cap Of Damper Blades Outside Air Stream, Add	*28.02*	
23 33 13 16-0075	EA	36" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	233.72	39.24
		For Spring Activated Horizontal Mount Operation, Add	*26.10*	
		For Dynamic Damper, Add	*62.63*	
		For 3 Hour Rated, Add	*34.80*	
		For Cap Of Damper Blades Outside Air Stream, Add	*29.00*	
23 33 13 16-0076	EA	36" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	244.17	41.34
		For Spring Activated Horizontal Mount Operation, Add	*26.98*	
		For Dynamic Damper, Add	*64.75*	
		For 3 Hour Rated, Add	*35.97*	
		For Cap Of Damper Blades Outside Air Stream, Add	*29.98*	
23 33 13 16-0077	EA	36" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	276.82	47.88
		For Spring Activated Horizontal Mount Operation, Add	*29.91*	
		For Dynamic Damper, Add	*71.78*	
		For 3 Hour Rated, Add	*39.88*	
		For Cap Of Damper Blades Outside Air Stream, Add	*33.23*	
23 33 13 16-0078	EA	36" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	302.92	52.33
		For Spring Activated Horizontal Mount Operation, Add	*32.84*	
		For Dynamic Damper, Add	*78.81*	
		For 3 Hour Rated, Add	*43.79*	
		For Cap Of Damper Blades Outside Air Stream, Add	*36.49*	
23 33 13 16-0079	EA	36" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	254.54	54.03
		For Spring Activated Horizontal Mount Operation, Add	*20.78*	
		For Dynamic Damper, Add	*49.86*	
		For 3 Hour Rated, Add	*27.70*	
		For Cap Of Damper Blades Outside Air Stream, Add	*23.09*	
23 33 13 16-0080	EA	36" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	356.41	57.95
		For Spring Activated Horizontal Mount Operation, Add	*41.05*	
		For Dynamic Damper, Add	*98.52*	
		For 3 Hour Rated, Add	*54.73*	
		For Cap Of Damper Blades Outside Air Stream, Add	*45.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0081	EA	36" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	383.81	60.96
		For Spring Activated Horizontal Mount Operation, Add	*45.15*	
		For Dynamic Damper, Add	*108.37*	
		For 3 Hour Rated, Add	*60.20*	
		For Cap Of Damper Blades Outside Air Stream, Add	*50.17*	
23 33 13 16-0082	EA	36" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	411.19	63.18
		For Spring Activated Horizontal Mount Operation, Add	*49.84*	
		For Dynamic Damper, Add	*119.62*	
		For 3 Hour Rated, Add	*66.46*	
		For Cap Of Damper Blades Outside Air Stream, Add	*55.38*	
23 33 13 16-0083	EA	40" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	187.98	32.70
		For Spring Activated Horizontal Mount Operation, Add	*21.69*	
		For Dynamic Damper, Add	*52.07*	
		For 3 Hour Rated, Add	*28.93*	
		For Cap Of Damper Blades Outside Air Stream, Add	*24.11*	
23 33 13 16-0084	EA	40" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	204.94	34.79
		For Spring Activated Horizontal Mount Operation, Add	*24.04*	
		For Dynamic Damper, Add	*57.69*	
		For 3 Hour Rated, Add	*32.05*	
		For Cap Of Damper Blades Outside Air Stream, Add	*26.71*	
23 33 13 16-0085	EA	40" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	214.10	37.01
		For Spring Activated Horizontal Mount Operation, Add	*24.63*	
		For Dynamic Damper, Add	*59.11*	
		For 3 Hour Rated, Add	*32.84*	
		For Cap Of Damper Blades Outside Air Stream, Add	*27.37*	
23 33 13 16-0086	EA	40" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	223.25	39.24
		For Spring Activated Horizontal Mount Operation, Add	*25.22*	
		For Dynamic Damper, Add	*60.52*	
		For 3 Hour Rated, Add	*33.62*	
		For Cap Of Damper Blades Outside Air Stream, Add	*28.02*	
23 33 13 16-0087	EA	40" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	245.46	41.34
		For Spring Activated Horizontal Mount Operation, Add	*27.27*	
		For Dynamic Damper, Add	*65.44*	
		For 3 Hour Rated, Add	*36.36*	
		For Cap Of Damper Blades Outside Air Stream, Add	*30.30*	
23 33 13 16-0088	EA	40" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	261.13	43.56
		For Spring Activated Horizontal Mount Operation, Add	*29.32*	
		For Dynamic Damper, Add	*70.37*	
		For 3 Hour Rated, Add	*39.10*	
		For Cap Of Damper Blades Outside Air Stream, Add	*32.58*	
23 33 13 16-0089	EA	40" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	291.18	50.10
		For Spring Activated Horizontal Mount Operation, Add	*31.67*	
		For Dynamic Damper, Add	*76.01*	
		For 3 Hour Rated, Add	*42.23*	
		For Cap Of Damper Blades Outside Air Stream, Add	*35.19*	
23 33 13 16-0090	EA	40" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	314.68	54.42
		For Spring Activated Horizontal Mount Operation, Add	*34.01*	
		For Dynamic Damper, Add	*81.63*	
		For 3 Hour Rated, Add	*45.35*	
		For Cap Of Damper Blades Outside Air Stream, Add	*37.79*	
23 33 13 16-0091	EA	40" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	340.78	57.95
		For Spring Activated Horizontal Mount Operation, Add	*37.53*	
		For Dynamic Damper, Add	*90.08*	
		For 3 Hour Rated, Add	*50.04*	
		For Cap Of Damper Blades Outside Air Stream, Add	*41.70*	
23 33 13 16-0092	EA	40" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	378.60	60.96
		For Spring Activated Horizontal Mount Operation, Add	*43.98*	
		For Dynamic Damper, Add	*105.55*	
		For 3 Hour Rated, Add	*58.64*	
		For Cap Of Damper Blades Outside Air Stream, Add	*48.87*	
23 33 13 16-0093	EA	40" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	404.69	64.49
		For Spring Activated Horizontal Mount Operation, Add	*47.50*	
		For Dynamic Damper, Add	*113.99*	
		For 3 Hour Rated, Add	*63.33*	
		For Cap Of Damper Blades Outside Air Stream, Add	*52.78*	
23 33 13 16-0094	EA	40" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	438.61	66.19
		For Spring Activated Horizontal Mount Operation, Add	*53.95*	
		For Dynamic Damper, Add	*129.48*	
		For 3 Hour Rated, Add	*71.93*	
		For Cap Of Damper Blades Outside Air Stream, Add	*59.95*	
23 33 13 16-0095	EA	40" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	475.15	69.72
		For Spring Activated Horizontal Mount Operation, Add	*59.82*	
		For Dynamic Damper, Add	*143.56*	
		For 3 Hour Rated, Add	*79.76*	
		For Cap Of Damper Blades Outside Air Stream, Add	*66.46*	
23 33 13 16-0096	EA	44" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	199.74	32.70
		For Spring Activated Horizontal Mount Operation, Add	*22.87*	
		For Dynamic Damper, Add	*54.89*	
		For 3 Hour Rated, Add	*30.49*	
		For Cap Of Damper Blades Outside Air Stream, Add	*25.41*	
23 33 13 16-0097	EA	44" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	216.71	34.79
		For Spring Activated Horizontal Mount Operation, Add	*25.22*	
		For Dynamic Damper, Add	*60.52*	
		For 3 Hour Rated, Add	*33.62*	
		For Cap Of Damper Blades Outside Air Stream, Add	*28.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0098	EA	44" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	231.08	37.01
		For Spring Activated Horizontal Mount Operation, Add	*26.98*	
		For Dynamic Damper, Add	*64.75*	
		For 3 Hour Rated, Add	*35.97*	
		For Cap Of Damper Blades Outside Air Stream, Add	*29.98*	
23 33 13 16-0099	EA	44" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	240.24	39.24
		For Spring Activated Horizontal Mount Operation, Add	*27.56*	
		For Dynamic Damper, Add	*66.16*	
		For 3 Hour Rated, Add	*36.75*	
		For Cap Of Damper Blades Outside Air Stream, Add	*30.63*	
23 33 13 16-0100	EA	44" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	257.20	41.34
		For Spring Activated Horizontal Mount Operation, Add	*29.91*	
		For Dynamic Damper, Add	*71.78*	
		For 3 Hour Rated, Add	*39.88*	
		For Cap Of Damper Blades Outside Air Stream, Add	*33.23*	
23 33 13 16-0101	EA	44" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	274.17	43.56
		For Spring Activated Horizontal Mount Operation, Add	*32.26*	
		For Dynamic Damper, Add	*77.41*	
		For 3 Hour Rated, Add	*43.01*	
		For Cap Of Damper Blades Outside Air Stream, Add	*35.84*	
23 33 13 16-0102	EA	44" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	313.36	52.33
		For Spring Activated Horizontal Mount Operation, Add	*35.19*	
		For Dynamic Damper, Add	*84.45*	
		For 3 Hour Rated, Add	*46.92*	
		For Cap Of Damper Blades Outside Air Stream, Add	*39.10*	
23 33 13 16-0103	EA	44" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	339.45	56.64
		For Spring Activated Horizontal Mount Operation, Add	*38.12*	
		For Dynamic Damper, Add	*91.48*	
		For 3 Hour Rated, Add	*50.82*	
		For Cap Of Damper Blades Outside Air Stream, Add	*42.35*	
23 33 13 16-0104	EA	44" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	378.60	60.96
		For Spring Activated Horizontal Mount Operation, Add	*43.98*	
		For Dynamic Damper, Add	*105.55*	
		For 3 Hour Rated, Add	*58.64*	
		For Cap Of Damper Blades Outside Air Stream, Add	*48.87*	
23 33 13 16-0105	EA	44" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	415.15	65.41
		For Spring Activated Horizontal Mount Operation, Add	*49.26*	
		For Dynamic Damper, Add	*118.22*	
		For 3 Hour Rated, Add	*65.68*	
		For Cap Of Damper Blades Outside Air Stream, Add	*54.73*	
23 33 13 16-0106	EA	44" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	454.28	69.72
		For Spring Activated Horizontal Mount Operation, Add	*55.12*	
		For Dynamic Damper, Add	*132.29*	
		For 3 Hour Rated, Add	*73.49*	
		For Cap Of Damper Blades Outside Air Stream, Add	*61.25*	
23 33 13 16-0107	EA	44" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	484.28	71.81
		For Spring Activated Horizontal Mount Operation, Add	*60.40*	
		For Dynamic Damper, Add	*144.96*	
		For 3 Hour Rated, Add	*80.53*	
		For Cap Of Damper Blades Outside Air Stream, Add	*67.11*	
23 33 13 16-0108	EA	44" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	514.27	74.04
		For Spring Activated Horizontal Mount Operation, Add	*65.68*	
		For Dynamic Damper, Add	*157.62*	
		For 3 Hour Rated, Add	*87.57*	
		For Cap Of Damper Blades Outside Air Stream, Add	*72.97*	
23 33 13 16-0109	EA	44" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	544.29	76.26
		For Spring Activated Horizontal Mount Operation, Add	*70.96*	
		For Dynamic Damper, Add	*170.30*	
		For 3 Hour Rated, Add	*94.61*	
		For Cap Of Damper Blades Outside Air Stream, Add	*78.84*	
23 33 13 16-0110	EA	48" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	214.10	34.79
		For Spring Activated Horizontal Mount Operation, Add	*24.63*	
		For Dynamic Damper, Add	*59.11*	
		For 3 Hour Rated, Add	*32.84*	
		For Cap Of Damper Blades Outside Air Stream, Add	*27.37*	
23 33 13 16-0111	EA	48" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	231.08	37.01
		For Spring Activated Horizontal Mount Operation, Add	*26.98*	
		For Dynamic Damper, Add	*64.75*	
		For 3 Hour Rated, Add	*35.97*	
		For Cap Of Damper Blades Outside Air Stream, Add	*29.98*	
23 33 13 16-0112	EA	48" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	240.24	39.24
		For Spring Activated Horizontal Mount Operation, Add	*27.56*	
		For Dynamic Damper, Add	*66.16*	
		For 3 Hour Rated, Add	*36.75*	
		For Cap Of Damper Blades Outside Air Stream, Add	*30.63*	
23 33 13 16-0113	EA	48" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	261.13	43.56
		For Spring Activated Horizontal Mount Operation, Add	*29.32*	
		For Dynamic Damper, Add	*70.37*	
		For 3 Hour Rated, Add	*39.10*	
		For Cap Of Damper Blades Outside Air Stream, Add	*32.58*	
23 33 13 16-0114	EA	48" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	284.64	47.88
		For Spring Activated Horizontal Mount Operation, Add	*31.67*	
		For Dynamic Damper, Add	*76.01*	
		For 3 Hour Rated, Add	*42.23*	
		For Cap Of Damper Blades Outside Air Stream, Add	*35.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0115	EA	48" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	308.14	52.33
		For Spring Activated Horizontal Mount Operation, Add	*34.01*	
		For Dynamic Damper, Add	*81.63*	
		For 3 Hour Rated, Add	*45.35*	
		For Cap Of Damper Blades Outside Air Stream, Add	*37.79*	
23 33 13 16-0116	EA	48" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	336.86	56.64
		For Spring Activated Horizontal Mount Operation, Add	*37.53*	
		For Dynamic Damper, Add	*90.08*	
		For 3 Hour Rated, Add	*50.04*	
		For Cap Of Damper Blades Outside Air Stream, Add	*41.70*	
23 33 13 16-0117	EA	48" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	365.57	60.96
		For Spring Activated Horizontal Mount Operation, Add	*41.05*	
		For Dynamic Damper, Add	*98.52*	
		For 3 Hour Rated, Add	*54.73*	
		For Cap Of Damper Blades Outside Air Stream, Add	*45.61*	
23 33 13 16-0118	EA	48" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	402.12	65.41
		For Spring Activated Horizontal Mount Operation, Add	*46.33*	
		For Dynamic Damper, Add	*111.19*	
		For 3 Hour Rated, Add	*61.77*	
		For Cap Of Damper Blades Outside Air Stream, Add	*51.48*	
23 33 13 16-0119	EA	48" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	443.86	69.72
		For Spring Activated Horizontal Mount Operation, Add	*52.78*	
		For Dynamic Damper, Add	*126.66*	
		For 3 Hour Rated, Add	*70.37*	
		For Cap Of Damper Blades Outside Air Stream, Add	*58.64*	
23 33 13 16-0120	EA	48" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	473.87	71.81
		For Spring Activated Horizontal Mount Operation, Add	*58.06*	
		For Dynamic Damper, Add	*139.34*	
		For 3 Hour Rated, Add	*77.41*	
		For Cap Of Damper Blades Outside Air Stream, Add	*64.51*	
23 33 13 16-0121	EA	48" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	511.66	74.04
		For Spring Activated Horizontal Mount Operation, Add	*65.09*	
		For Dynamic Damper, Add	*156.21*	
		For 3 Hour Rated, Add	*86.78*	
		For Cap Of Damper Blades Outside Air Stream, Add	*72.32*	
23 33 13 16-0122	EA	48" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	548.22	78.35
		For Spring Activated Horizontal Mount Operation, Add	*70.37*	
		For Dynamic Damper, Add	*168.89*	
		For 3 Hour Rated, Add	*93.83*	
		For Cap Of Damper Blades Outside Air Stream, Add	*78.19*	
23 33 13 16-0123	EA	48" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	586.03	80.58
		For Spring Activated Horizontal Mount Operation, Add	*77.41*	
		For Dynamic Damper, Add	*185.78*	
		For 3 Hour Rated, Add	*103.21*	
		For Cap Of Damper Blades Outside Air Stream, Add	*86.01*	
23 33 13 16-0124	EA	48" x 48" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	626.49	87.12
		For Spring Activated Horizontal Mount Operation, Add	*82.10*	
		For Dynamic Damper, Add	*197.04*	
		For 3 Hour Rated, Add	*109.46*	
		For Cap Of Damper Blades Outside Air Stream, Add	*91.22*	
23 33 13 16-0125	EA	52" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	228.47	37.01
		For Spring Activated Horizontal Mount Operation, Add	*26.39*	
		For Dynamic Damper, Add	*63.34*	
		For 3 Hour Rated, Add	*35.19*	
		For Cap Of Damper Blades Outside Air Stream, Add	*29.32*	
23 33 13 16-0126	EA	52" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	245.44	39.24
		For Spring Activated Horizontal Mount Operation, Add	*28.73*	
		For Dynamic Damper, Add	*68.96*	
		For 3 Hour Rated, Add	*38.31*	
		For Cap Of Damper Blades Outside Air Stream, Add	*31.93*	
23 33 13 16-0127	EA	52" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	268.94	43.56
		For Spring Activated Horizontal Mount Operation, Add	*31.08*	
		For Dynamic Damper, Add	*74.59*	
		For 3 Hour Rated, Add	*41.44*	
		For Cap Of Damper Blades Outside Air Stream, Add	*34.53*	
23 33 13 16-0128	EA	52" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	284.64	47.88
		For Spring Activated Horizontal Mount Operation, Add	*31.67*	
		For Dynamic Damper, Add	*76.01*	
		For 3 Hour Rated, Add	*42.23*	
		For Cap Of Damper Blades Outside Air Stream, Add	*35.19*	
23 33 13 16-0129	EA	52" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	309.45	52.33
		For Spring Activated Horizontal Mount Operation, Add	*34.31*	
		For Dynamic Damper, Add	*82.34*	
		For 3 Hour Rated, Add	*45.74*	
		For Cap Of Damper Blades Outside Air Stream, Add	*38.12*	
23 33 13 16-0130	EA	52" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	334.25	56.64
		For Spring Activated Horizontal Mount Operation, Add	*36.95*	
		For Dynamic Damper, Add	*88.67*	
		For 3 Hour Rated, Add	*49.26*	
		For Cap Of Damper Blades Outside Air Stream, Add	*41.05*	
23 33 13 16-0131	EA	52" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	362.98	60.96
		For Spring Activated Horizontal Mount Operation, Add	*40.47*	
		For Dynamic Damper, Add	*97.12*	
		For 3 Hour Rated, Add	*53.96*	
		For Cap Of Damper Blades Outside Air Stream, Add	*44.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0132	EA	52" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	391.69	65.41
		For Spring Activated Horizontal Mount Operation, Add	*43.98*	
		For Dynamic Damper, Add	*105.55*	
		For 3 Hour Rated, Add	*58.64*	
		For Cap Of Damper Blades Outside Air Stream, Add	*48.87*	
23 33 13 16-0133	EA	52" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	428.23	69.72
		For Spring Activated Horizontal Mount Operation, Add	*49.26*	
		For Dynamic Damper, Add	*118.22*	
		For 3 Hour Rated, Add	*65.68*	
		For Cap Of Damper Blades Outside Air Stream, Add	*54.73*	
23 33 13 16-0134	EA	52" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	472.58	74.04
		For Spring Activated Horizontal Mount Operation, Add	*56.30*	
		For Dynamic Damper, Add	*135.11*	
		For 3 Hour Rated, Add	*75.06*	
		For Cap Of Damper Blades Outside Air Stream, Add	*62.55*	
23 33 13 16-0135	EA	52" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	505.17	76.26
		For Spring Activated Horizontal Mount Operation, Add	*62.16*	
		For Dynamic Damper, Add	*149.18*	
		For 3 Hour Rated, Add	*82.88*	
		For Cap Of Damper Blades Outside Air Stream, Add	*69.06*	
23 33 13 16-0136	EA	52" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	545.61	78.35
		For Spring Activated Horizontal Mount Operation, Add	*69.78*	
		For Dynamic Damper, Add	*167.48*	
		For 3 Hour Rated, Add	*93.05*	
		For Cap Of Damper Blades Outside Air Stream, Add	*77.54*	
23 33 13 16-0137	EA	52" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	589.94	82.80
		For Spring Activated Horizontal Mount Operation, Add	*76.82*	
		For Dynamic Damper, Add	*184.36*	
		For 3 Hour Rated, Add	*102.42*	
		For Cap Of Damper Blades Outside Air Stream, Add	*85.35*	
23 33 13 16-0138	EA	52" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	626.49	87.12
		For Spring Activated Horizontal Mount Operation, Add	*82.10*	
		For Dynamic Damper, Add	*197.04*	
		For 3 Hour Rated, Add	*109.46*	
		For Cap Of Damper Blades Outside Air Stream, Add	*91.22*	
23 33 13 16-0139	EA	52" x 48" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	677.39	93.66
		For Spring Activated Horizontal Mount Operation, Add	*89.13*	
		For Dynamic Damper, Add	*213.92*	
		For 3 Hour Rated, Add	*118.85*	
		For Cap Of Damper Blades Outside Air Stream, Add	*99.04*	
23 33 13 16-0140	EA	52" x 52" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	716.54	97.97
		For Spring Activated Horizontal Mount Operation, Add	*95.00*	
		For Dynamic Damper, Add	*228.00*	
		For 3 Hour Rated, Add	*126.67*	
		For Cap Of Damper Blades Outside Air Stream, Add	*105.56*	
23 33 13 16-0141	EA	56" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	240.24	39.24
		For Spring Activated Horizontal Mount Operation, Add	*27.56*	
		For Dynamic Damper, Add	*66.16*	
		For 3 Hour Rated, Add	*36.75*	
		For Cap Of Damper Blades Outside Air Stream, Add	*30.63*	
23 33 13 16-0142	EA	56" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	266.33	43.56
		For Spring Activated Horizontal Mount Operation, Add	*30.49*	
		For Dynamic Damper, Add	*73.18*	
		For 3 Hour Rated, Add	*40.66*	
		For Cap Of Damper Blades Outside Air Stream, Add	*33.88*	
23 33 13 16-0143	EA	56" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	287.25	47.88
		For Spring Activated Horizontal Mount Operation, Add	*32.26*	
		For Dynamic Damper, Add	*77.41*	
		For 3 Hour Rated, Add	*43.01*	
		For Cap Of Damper Blades Outside Air Stream, Add	*35.84*	
23 33 13 16-0144	EA	56" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	302.92	52.33
		For Spring Activated Horizontal Mount Operation, Add	*32.84*	
		For Dynamic Damper, Add	*78.81*	
		For 3 Hour Rated, Add	*43.79*	
		For Cap Of Damper Blades Outside Air Stream, Add	*36.49*	
23 33 13 16-0145	EA	56" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	330.35	56.64
		For Spring Activated Horizontal Mount Operation, Add	*36.07*	
		For Dynamic Damper, Add	*86.56*	
		For 3 Hour Rated, Add	*48.09*	
		For Cap Of Damper Blades Outside Air Stream, Add	*40.08*	
23 33 13 16-0146	EA	56" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	357.76	60.96
		For Spring Activated Horizontal Mount Operation, Add	*39.29*	
		For Dynamic Damper, Add	*94.30*	
		For 3 Hour Rated, Add	*52.39*	
		For Cap Of Damper Blades Outside Air Stream, Add	*43.66*	
23 33 13 16-0147	EA	56" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	385.18	65.41
		For Spring Activated Horizontal Mount Operation, Add	*42.52*	
		For Dynamic Damper, Add	*102.04*	
		For 3 Hour Rated, Add	*56.69*	
		For Cap Of Damper Blades Outside Air Stream, Add	*47.24*	
23 33 13 16-0148	EA	56" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	412.59	69.72
		For Spring Activated Horizontal Mount Operation, Add	*45.74*	
		For Dynamic Damper, Add	*109.78*	
		For 3 Hour Rated, Add	*60.99*	
		For Cap Of Damper Blades Outside Air Stream, Add	*50.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0149	EA	56" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	456.94	74.04
		For Spring Activated Horizontal Mount Operation, Add	*52.78*	
		For Dynamic Damper, Add	*126.66*	
		For 3 Hour Rated, Add	*70.37*	
		For Cap Of Damper Blades Outside Air Stream, Add	*58.64*	
23 33 13 16-0150	EA	56" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	494.77	76.26
		For Spring Activated Horizontal Mount Operation, Add	*59.82*	
		For Dynamic Damper, Add	*143.56*	
		For 3 Hour Rated, Add	*79.76*	
		For Cap Of Damper Blades Outside Air Stream, Add	*66.46*	
23 33 13 16-0151	EA	56" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	529.97	78.35
		For Spring Activated Horizontal Mount Operation, Add	*66.26*	
		For Dynamic Damper, Add	*159.04*	
		For 3 Hour Rated, Add	*88.35*	
		For Cap Of Damper Blades Outside Air Stream, Add	*73.63*	
23 33 13 16-0152	EA	56" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	579.54	82.80
		For Spring Activated Horizontal Mount Operation, Add	*74.48*	
		For Dynamic Damper, Add	*178.74*	
		For 3 Hour Rated, Add	*99.30*	
		For Cap Of Damper Blades Outside Air Stream, Add	*82.75*	
23 33 13 16-0153	EA	56" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	623.88	87.12
		For Spring Activated Horizontal Mount Operation, Add	*81.51*	
		For Dynamic Damper, Add	*195.63*	
		For 3 Hour Rated, Add	*108.68*	
		For Cap Of Damper Blades Outside Air Stream, Add	*90.57*	
23 33 13 16-0154	EA	56" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	670.85	91.43
		For Spring Activated Horizontal Mount Operation, Add	*89.13*	
		For Dynamic Damper, Add	*213.92*	
		For 3 Hour Rated, Add	*118.85*	
		For Cap Of Damper Blades Outside Air Stream, Add	*99.04*	
23 33 13 16-0155	EA	56" x 48" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	710.00	95.88
		For Spring Activated Horizontal Mount Operation, Add	*95.00*	
		For Dynamic Damper, Add	*228.00*	
		For 3 Hour Rated, Add	*126.67*	
		For Cap Of Damper Blades Outside Air Stream, Add	*105.56*	
23 33 13 16-0156	EA	56" x 52" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	756.96	100.20
		For Spring Activated Horizontal Mount Operation, Add	*102.62*	
		For Dynamic Damper, Add	*246.29*	
		For 3 Hour Rated, Add	*136.83*	
		For Cap Of Damper Blades Outside Air Stream, Add	*114.03*	
23 33 13 16-0157	EA	56" x 56" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	803.92	104.51
		For Spring Activated Horizontal Mount Operation, Add	*110.25*	
		For Dynamic Damper, Add	*264.59*	
		For 3 Hour Rated, Add	*146.99*	
		For Cap Of Damper Blades Outside Air Stream, Add	*122.50*	
23 33 13 16-0158	EA	60" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	261.13	43.56
		For Spring Activated Horizontal Mount Operation, Add	*29.32*	
		For Dynamic Damper, Add	*70.37*	
		For 3 Hour Rated, Add	*39.10*	
		For Cap Of Damper Blades Outside Air Stream, Add	*32.58*	
23 33 13 16-0159	EA	60" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	287.25	47.88
		For Spring Activated Horizontal Mount Operation, Add	*32.26*	
		For Dynamic Damper, Add	*77.41*	
		For 3 Hour Rated, Add	*43.01*	
		For Cap Of Damper Blades Outside Air Stream, Add	*35.84*	
23 33 13 16-0160	EA	60" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	305.53	52.33
		For Spring Activated Horizontal Mount Operation, Add	*33.43*	
		For Dynamic Damper, Add	*80.22*	
		For 3 Hour Rated, Add	*44.57*	
		For Cap Of Damper Blades Outside Air Stream, Add	*37.14*	
23 33 13 16-0161	EA	60" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	321.22	56.64
		For Spring Activated Horizontal Mount Operation, Add	*34.01*	
		For Dynamic Damper, Add	*81.63*	
		For 3 Hour Rated, Add	*45.35*	
		For Cap Of Damper Blades Outside Air Stream, Add	*37.79*	
23 33 13 16-0162	EA	60" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	349.94	60.96
		For Spring Activated Horizontal Mount Operation, Add	*37.53*	
		For Dynamic Damper, Add	*90.08*	
		For 3 Hour Rated, Add	*50.04*	
		For Cap Of Damper Blades Outside Air Stream, Add	*41.70*	
23 33 13 16-0163	EA	60" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	378.66	65.41
		For Spring Activated Horizontal Mount Operation, Add	*41.05*	
		For Dynamic Damper, Add	*98.52*	
		For 3 Hour Rated, Add	*54.73*	
		For Cap Of Damper Blades Outside Air Stream, Add	*45.61*	
23 33 13 16-0164	EA	60" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	408.68	69.72
		For Spring Activated Horizontal Mount Operation, Add	*44.86*	
		For Dynamic Damper, Add	*107.67*	
		For 3 Hour Rated, Add	*59.81*	
		For Cap Of Damper Blades Outside Air Stream, Add	*49.85*	
23 33 13 16-0165	EA	60" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	438.70	74.04
		For Spring Activated Horizontal Mount Operation, Add	*48.67*	
		For Dynamic Damper, Add	*116.81*	
		For 3 Hour Rated, Add	*64.90*	
		For Cap Of Damper Blades Outside Air Stream, Add	*54.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0166	EA	60" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	479.12	76.26
		For Spring Activated Horizontal Mount Operation, Add	*56.30*	
		For Dynamic Damper, Add	*135.11*	
		For 3 Hour Rated, Add	*75.06*	
		For Cap Of Damper Blades Outside Air Stream, Add	*62.55*	
23 33 13 16-0167	EA	60" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	516.93	78.35
		For Spring Activated Horizontal Mount Operation, Add	*63.33*	
		For Dynamic Damper, Add	*151.99*	
		For 3 Hour Rated, Add	*84.44*	
		For Cap Of Damper Blades Outside Air Stream, Add	*70.37*	
23 33 13 16-0168	EA	60" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	563.91	82.80
		For Spring Activated Horizontal Mount Operation, Add	*70.96*	
		For Dynamic Damper, Add	*170.30*	
		For 3 Hour Rated, Add	*94.61*	
		For Cap Of Damper Blades Outside Air Stream, Add	*78.84*	
23 33 13 16-0169	EA	60" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	610.86	87.12
		For Spring Activated Horizontal Mount Operation, Add	*78.58*	
		For Dynamic Damper, Add	*188.60*	
		For 3 Hour Rated, Add	*104.78*	
		For Cap Of Damper Blades Outside Air Stream, Add	*87.31*	
23 33 13 16-0170	EA	60" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	650.00	91.43
		For Spring Activated Horizontal Mount Operation, Add	*84.44*	
		For Dynamic Damper, Add	*202.66*	
		For 3 Hour Rated, Add	*112.59*	
		For Cap Of Damper Blades Outside Air Stream, Add	*93.83*	
23 33 13 16-0171	EA	60" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	704.78	95.88
		For Spring Activated Horizontal Mount Operation, Add	*93.83*	
		For Dynamic Damper, Add	*225.18*	
		For 3 Hour Rated, Add	*125.10*	
		For Cap Of Damper Blades Outside Air Stream, Add	*104.25*	
23 33 13 16-0172	EA	60" x 48" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	754.35	100.20
		For Spring Activated Horizontal Mount Operation, Add	*102.04*	
		For Dynamic Damper, Add	*244.88*	
		For 3 Hour Rated, Add	*136.05*	
		For Cap Of Damper Blades Outside Air Stream, Add	*113.37*	
23 33 13 16-0173	EA	60" x 52" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	803.92	104.51
		For Spring Activated Horizontal Mount Operation, Add	*110.25*	
		For Dynamic Damper, Add	*264.59*	
		For 3 Hour Rated, Add	*146.99*	
		For Cap Of Damper Blades Outside Air Stream, Add	*122.50*	
23 33 13 16-0174	EA	60" x 56" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	848.25	108.96
		For Spring Activated Horizontal Mount Operation, Add	*117.28*	
		For Dynamic Damper, Add	*281.46*	
		For 3 Hour Rated, Add	*156.37*	
		For Cap Of Damper Blades Outside Air Stream, Add	*130.31*	
23 33 13 16-0175	EA	60" x 60" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	892.64	113.28
		For Spring Activated Horizontal Mount Operation, Add	*124.32*	
		For Dynamic Damper, Add	*298.37*	
		For 3 Hour Rated, Add	*165.76*	
		For Cap Of Damper Blades Outside Air Stream, Add	*138.14*	

23 33 13 16-0176 Parallel Blade Louver Fire Damper *(23 33 13 16)*

Note: UL listed. 22 gauge galvanized steel construction with fusible link 160 F spring actuated 1-1/2 hour fire rating.

23 33 13 16-0177	EA	6" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	119.07	14.52
		For Spring Activated Horizontal Mount Operation, Add	*16.99*	
		For Dynamic Damper, Add	*40.78*	
		For 3 Hour Rated, Add	*22.65*	
23 33 13 16-0178	EA	8" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	124.27	15.17
		For Spring Activated Horizontal Mount Operation, Add	*17.72*	
		For Dynamic Damper, Add	*42.52*	
		For 3 Hour Rated, Add	*23.62*	
23 33 13 16-0179	EA	8" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	127.80	15.30
		For Spring Activated Horizontal Mount Operation, Add	*18.45*	
		For Dynamic Damper, Add	*44.29*	
		For 3 Hour Rated, Add	*24.60*	
23 33 13 16-0180	EA	10" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	127.80	15.30
		For Spring Activated Horizontal Mount Operation, Add	*18.45*	
		For Dynamic Damper, Add	*44.29*	
		For 3 Hour Rated, Add	*24.60*	
23 33 13 16-0181	EA	10" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	132.38	15.70
		For Spring Activated Horizontal Mount Operation, Add	*19.19*	
		For Dynamic Damper, Add	*46.05*	
		For 3 Hour Rated, Add	*25.58*	
23 33 13 16-0182	EA	10" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	144.11	17.40
		For Spring Activated Horizontal Mount Operation, Add	*20.65*	
		For Dynamic Damper, Add	*49.56*	
		For 3 Hour Rated, Add	*27.53*	
23 33 13 16-0183	EA	12" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	132.38	15.70
		For Spring Activated Horizontal Mount Operation, Add	*19.19*	
		For Dynamic Damper, Add	*46.05*	
		For 3 Hour Rated, Add	*25.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0184	EA	12" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	141.49	16.61
		For Spring Activated Horizontal Mount Operation, Add	*20.65*	
		For Dynamic Damper, Add	*49.56*	
		For 3 Hour Rated, Add	*27.53*	
23 33 13 16-0185	EA	12" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	147.38	17.40
		For Spring Activated Horizontal Mount Operation, Add	*21.39*	
		For Dynamic Damper, Add	*51.33*	
		For 3 Hour Rated, Add	*28.52*	
23 33 13 16-0186	EA	12" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	157.18	19.62
		For Spring Activated Horizontal Mount Operation, Add	*22.12*	
		For Dynamic Damper, Add	*53.09*	
		For 3 Hour Rated, Add	*29.49*	
23 33 13 16-0187	EA	14" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	139.87	16.61
		For Spring Activated Horizontal Mount Operation, Add	*20.29*	
		For Dynamic Damper, Add	*48.69*	
		For 3 Hour Rated, Add	*27.05*	
23 33 13 16-0188	EA	14" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	147.38	17.40
		For Spring Activated Horizontal Mount Operation, Add	*21.39*	
		For Dynamic Damper, Add	*51.33*	
		For 3 Hour Rated, Add	*28.52*	
23 33 13 16-0189	EA	14" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	153.25	18.31
		For Spring Activated Horizontal Mount Operation, Add	*22.12*	
		For Dynamic Damper, Add	*53.09*	
		For 3 Hour Rated, Add	*29.49*	
23 33 13 16-0190	EA	14" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	160.43	19.62
		For Spring Activated Horizontal Mount Operation, Add	*22.85*	
		For Dynamic Damper, Add	*54.84*	
		For 3 Hour Rated, Add	*30.47*	
23 33 13 16-0191	EA	14" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	175.12	21.84
		For Spring Activated Horizontal Mount Operation, Add	*24.68*	
		For Dynamic Damper, Add	*59.24*	
		For 3 Hour Rated, Add	*32.91*	
23 33 13 16-0192	EA	16" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	185.08	17.40
		For Spring Activated Horizontal Mount Operation, Add	*29.87*	
		For Dynamic Damper, Add	*71.69*	
		For 3 Hour Rated, Add	*39.83*	
23 33 13 16-0193	EA	16" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	192.65	18.70
		For Spring Activated Horizontal Mount Operation, Add	*30.69*	
		For Dynamic Damper, Add	*73.66*	
		For 3 Hour Rated, Add	*40.92*	
23 33 13 16-0194	EA	16" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	201.55	20.53
		For Spring Activated Horizontal Mount Operation, Add	*31.52*	
		For Dynamic Damper, Add	*75.64*	
		For 3 Hour Rated, Add	*42.02*	
23 33 13 16-0195	EA	16" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	209.11	21.84
		For Spring Activated Horizontal Mount Operation, Add	*32.33*	
		For Dynamic Damper, Add	*77.60*	
		For 3 Hour Rated, Add	*43.11*	
23 33 13 16-0196	EA	16" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	224.79	23.93
		For Spring Activated Horizontal Mount Operation, Add	*34.39*	
		For Dynamic Damper, Add	*82.53*	
		For 3 Hour Rated, Add	*45.85*	
23 33 13 16-0197	EA	16" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	240.46	26.16
		For Spring Activated Horizontal Mount Operation, Add	*36.44*	
		For Dynamic Damper, Add	*87.46*	
		For 3 Hour Rated, Add	*48.59*	
23 33 13 16-0198	EA	18" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	191.34	18.31
		For Spring Activated Horizontal Mount Operation, Add	*30.69*	
		For Dynamic Damper, Add	*73.66*	
		For 3 Hour Rated, Add	*40.92*	
23 33 13 16-0199	EA	18" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	200.75	19.62
		For Spring Activated Horizontal Mount Operation, Add	*31.92*	
		For Dynamic Damper, Add	*76.62*	
		For 3 Hour Rated, Add	*42.56*	
23 33 13 16-0200	EA	18" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	212.79	21.84
		For Spring Activated Horizontal Mount Operation, Add	*33.16*	
		For Dynamic Damper, Add	*79.59*	
		For 3 Hour Rated, Add	*44.21*	
23 33 13 16-0201	EA	18" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	228.44	23.93
		For Spring Activated Horizontal Mount Operation, Add	*35.21*	
		For Dynamic Damper, Add	*84.50*	
		For 3 Hour Rated, Add	*46.95*	
23 33 13 16-0202	EA	18" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	242.27	26.16
		For Spring Activated Horizontal Mount Operation, Add	*36.85*	
		For Dynamic Damper, Add	*88.44*	
		For 3 Hour Rated, Add	*49.13*	
23 33 13 16-0203	EA	18" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	257.93	28.25
		For Spring Activated Horizontal Mount Operation, Add	*38.90*	
		For Dynamic Damper, Add	*93.37*	
		For 3 Hour Rated, Add	*51.87*	
23 33 13 16-0204	EA	18" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	269.93	30.47
		For Spring Activated Horizontal Mount Operation, Add	*40.13*	
		For Dynamic Damper, Add	*96.32*	
		For 3 Hour Rated, Add	*53.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0205	EA	20" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	198.94	19.62
		For Spring Activated Horizontal Mount Operation, Add	*31.52*	
		For Dynamic Damper, Add	*75.64*	
		For 3 Hour Rated, Add	*42.02*	
23 33 13 16-0206	EA	20" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	212.75	21.84
		For Spring Activated Horizontal Mount Operation, Add	*33.15*	
		For Dynamic Damper, Add	*79.56*	
		For 3 Hour Rated, Add	*44.20*	
23 33 13 16-0207	EA	20" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	226.61	23.93
		For Spring Activated Horizontal Mount Operation, Add	*34.80*	
		For Dynamic Damper, Add	*83.52*	
		For 3 Hour Rated, Add	*46.40*	
23 33 13 16-0208	EA	20" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	247.78	26.16
		For Spring Activated Horizontal Mount Operation, Add	*38.09*	
		For Dynamic Damper, Add	*91.42*	
		For 3 Hour Rated, Add	*50.79*	
23 33 13 16-0209	EA	20" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	259.77	28.25
		For Spring Activated Horizontal Mount Operation, Add	*39.32*	
		For Dynamic Damper, Add	*94.37*	
		For 3 Hour Rated, Add	*52.43*	
23 33 13 16-0210	EA	20" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	271.77	30.47
		For Spring Activated Horizontal Mount Operation, Add	*40.55*	
		For Dynamic Damper, Add	*97.31*	
		For 3 Hour Rated, Add	*54.06*	
23 33 13 16-0211	EA	20" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	285.60	32.70
		For Spring Activated Horizontal Mount Operation, Add	*42.19*	
		For Dynamic Damper, Add	*101.25*	
		For 3 Hour Rated, Add	*56.25*	
23 33 13 16-0212	EA	20" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	299.42	34.79
		For Spring Activated Horizontal Mount Operation, Add	*43.83*	
		For Dynamic Damper, Add	*105.18*	
		For 3 Hour Rated, Add	*58.43*	
23 33 13 16-0213	EA	24" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	246.31	21.84
		For Spring Activated Horizontal Mount Operation, Add	*40.70*	
		For Dynamic Damper, Add	*97.69*	
		For 3 Hour Rated, Add	*54.27*	
23 33 13 16-0214	EA	24" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	263.82	23.93
		For Spring Activated Horizontal Mount Operation, Add	*43.17*	
		For Dynamic Damper, Add	*103.61*	
		For 3 Hour Rated, Add	*57.56*	
23 33 13 16-0215	EA	24" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	277.67	26.16
		For Spring Activated Horizontal Mount Operation, Add	*44.82*	
		For Dynamic Damper, Add	*107.56*	
		For 3 Hour Rated, Add	*59.75*	
23 33 13 16-0216	EA	24" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	295.12	28.25
		For Spring Activated Horizontal Mount Operation, Add	*47.27*	
		For Dynamic Damper, Add	*113.45*	
		For 3 Hour Rated, Add	*63.03*	
23 33 13 16-0217	EA	24" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	307.14	30.47
		For Spring Activated Horizontal Mount Operation, Add	*48.51*	
		For Dynamic Damper, Add	*116.41*	
		For 3 Hour Rated, Add	*64.67*	
23 33 13 16-0218	EA	24" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	319.14	32.70
		For Spring Activated Horizontal Mount Operation, Add	*49.73*	
		For Dynamic Damper, Add	*119.36*	
		For 3 Hour Rated, Add	*66.31*	
23 33 13 16-0219	EA	24" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	336.63	34.79
		For Spring Activated Horizontal Mount Operation, Add	*52.20*	
		For Dynamic Damper, Add	*125.27*	
		For 3 Hour Rated, Add	*69.60*	
23 33 13 16-0220	EA	24" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	360.66	39.24
		For Spring Activated Horizontal Mount Operation, Add	*54.66*	
		For Dynamic Damper, Add	*131.18*	
		For 3 Hour Rated, Add	*72.88*	
23 33 13 16-0221	EA	24" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	388.35	43.56
		For Spring Activated Horizontal Mount Operation, Add	*57.95*	
		For Dynamic Damper, Add	*139.07*	
		For 3 Hour Rated, Add	*77.26*	
23 33 13 16-0222	EA	28" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	263.82	23.93
		For Spring Activated Horizontal Mount Operation, Add	*43.17*	
		For Dynamic Damper, Add	*103.61*	
		For 3 Hour Rated, Add	*57.56*	
23 33 13 16-0223	EA	28" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	277.67	26.16
		For Spring Activated Horizontal Mount Operation, Add	*44.82*	
		For Dynamic Damper, Add	*107.56*	
		For 3 Hour Rated, Add	*59.75*	
23 33 13 16-0224	EA	28" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	295.12	28.25
		For Spring Activated Horizontal Mount Operation, Add	*47.27*	
		For Dynamic Damper, Add	*113.45*	
		For 3 Hour Rated, Add	*63.03*	
23 33 13 16-0225	EA	28" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	308.96	30.47
		For Spring Activated Horizontal Mount Operation, Add	*48.92*	
		For Dynamic Damper, Add	*117.40*	
		For 3 Hour Rated, Add	*65.22*	

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23 33 13 16-0226	EA	28" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	324.62	32.70
		For Spring Activated Horizontal Mount Operation, Add	*50.97*	
		For Dynamic Damper, Add	*122.32*	
		For 3 Hour Rated, Add	*67.96*	
23 33 13 16-0227	EA	28" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	340.25	34.79
		For Spring Activated Horizontal Mount Operation, Add	*53.01*	
		For Dynamic Damper, Add	*127.23*	
		For 3 Hour Rated, Add	*70.68*	
23 33 13 16-0228	EA	28" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	364.30	39.24
		For Spring Activated Horizontal Mount Operation, Add	*55.48*	
		For Dynamic Damper, Add	*133.15*	
		For 3 Hour Rated, Add	*73.97*	
23 33 13 16-0229	EA	28" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	388.35	43.56
		For Spring Activated Horizontal Mount Operation, Add	*57.95*	
		For Dynamic Damper, Add	*139.07*	
		For 3 Hour Rated, Add	*77.26*	
23 33 13 16-0230	EA	28" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	416.77	45.79
		For Spring Activated Horizontal Mount Operation, Add	*62.87*	
		For Dynamic Damper, Add	*150.89*	
		For 3 Hour Rated, Add	*83.83*	
23 33 13 16-0231	EA	28" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	448.10	50.10
		For Spring Activated Horizontal Mount Operation, Add	*66.98*	
		For Dynamic Damper, Add	*160.74*	
		For 3 Hour Rated, Add	*89.30*	
23 33 13 16-0232	EA	32" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	288.59	26.16
		For Spring Activated Horizontal Mount Operation, Add	*47.27*	
		For Dynamic Damper, Add	*113.45*	
		For 3 Hour Rated, Add	*63.03*	
23 33 13 16-0233	EA	32" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	298.75	28.25
		For Spring Activated Horizontal Mount Operation, Add	*48.09*	
		For Dynamic Damper, Add	*115.41*	
		For 3 Hour Rated, Add	*64.12*	
23 33 13 16-0234	EA	32" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	308.96	30.47
		For Spring Activated Horizontal Mount Operation, Add	*48.92*	
		For Dynamic Damper, Add	*117.40*	
		For 3 Hour Rated, Add	*65.22*	
23 33 13 16-0235	EA	32" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	322.77	32.70
		For Spring Activated Horizontal Mount Operation, Add	*50.55*	
		For Dynamic Damper, Add	*121.32*	
		For 3 Hour Rated, Add	*67.40*	
23 33 13 16-0236	EA	32" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	340.95	34.79
		For Spring Activated Horizontal Mount Operation, Add	*53.17*	
		For Dynamic Damper, Add	*127.61*	
		For 3 Hour Rated, Add	*70.89*	
23 33 13 16-0237	EA	32" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	364.30	39.24
		For Spring Activated Horizontal Mount Operation, Add	*55.48*	
		For Dynamic Damper, Add	*133.15*	
		For 3 Hour Rated, Add	*73.97*	
23 33 13 16-0238	EA	32" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	392.01	43.56
		For Spring Activated Horizontal Mount Operation, Add	*58.77*	
		For Dynamic Damper, Add	*141.05*	
		For 3 Hour Rated, Add	*78.36*	
23 33 13 16-0239	EA	32" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	419.68	47.88
		For Spring Activated Horizontal Mount Operation, Add	*62.05*	
		For Dynamic Damper, Add	*148.93*	
		For 3 Hour Rated, Add	*82.74*	
23 33 13 16-0240	EA	32" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	448.10	50.10
		For Spring Activated Horizontal Mount Operation, Add	*66.98*	
		For Dynamic Damper, Add	*160.74*	
		For 3 Hour Rated, Add	*89.30*	
23 33 13 16-0241	EA	32" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	484.11	53.63
		For Spring Activated Horizontal Mount Operation, Add	*72.72*	
		For Dynamic Damper, Add	*174.54*	
		For 3 Hour Rated, Add	*96.97*	
23 33 13 16-0242	EA	32" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	522.45	56.64
		For Spring Activated Horizontal Mount Operation, Add	*79.29*	
		For Dynamic Damper, Add	*190.30*	
		For 3 Hour Rated, Add	*105.72*	
23 33 13 16-0243	EA	36" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	324.84	28.25
		For Spring Activated Horizontal Mount Operation, Add	*53.96*	
		For Dynamic Damper, Add	*129.50*	
		For 3 Hour Rated, Add	*71.95*	
23 33 13 16-0244	EA	36" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	339.69	30.47
		For Spring Activated Horizontal Mount Operation, Add	*55.83*	
		For Dynamic Damper, Add	*133.99*	
		For 3 Hour Rated, Add	*74.44*	
23 33 13 16-0245	EA	36" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	354.56	32.70
		For Spring Activated Horizontal Mount Operation, Add	*57.70*	
		For Dynamic Damper, Add	*138.49*	
		For 3 Hour Rated, Add	*76.94*	
23 33 13 16-0246	EA	36" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	373.64	34.79
		For Spring Activated Horizontal Mount Operation, Add	*60.53*	
		For Dynamic Damper, Add	*145.26*	
		For 3 Hour Rated, Add	*80.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0247	EA	36" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	393.00	39.24
		For Spring Activated Horizontal Mount Operation, Add	*61.94*	
		For Dynamic Damper, Add	*148.65*	
		For 3 Hour Rated, Add	*82.58*	
23 33 13 16-0248	EA	36" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	405.80	41.34
		For Spring Activated Horizontal Mount Operation, Add	*63.34*	
		For Dynamic Damper, Add	*152.03*	
		For 3 Hour Rated, Add	*84.46*	
23 33 13 16-0249	EA	36" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	446.27	47.88
		For Spring Activated Horizontal Mount Operation, Add	*68.04*	
		For Dynamic Damper, Add	*163.29*	
		For 3 Hour Rated, Add	*90.71*	
23 33 13 16-0250	EA	36" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	480.17	52.33
		For Spring Activated Horizontal Mount Operation, Add	*72.72*	
		For Dynamic Damper, Add	*174.53*	
		For 3 Hour Rated, Add	*96.96*	
23 33 13 16-0251	EA	36" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	510.44	54.03
		For Spring Activated Horizontal Mount Operation, Add	*78.35*	
		For Dynamic Damper, Add	*188.05*	
		For 3 Hour Rated, Add	*104.47*	
23 33 13 16-0252	EA	36" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	555.55	57.95
		For Spring Activated Horizontal Mount Operation, Add	*85.86*	
		For Dynamic Damper, Add	*206.05*	
		For 3 Hour Rated, Add	*114.47*	
23 33 13 16-0253	EA	36" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	593.89	60.96
		For Spring Activated Horizontal Mount Operation, Add	*92.42*	
		For Dynamic Damper, Add	*221.81*	
		For 3 Hour Rated, Add	*123.23*	
23 33 13 16-0254	EA	36" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	633.79	63.18
		For Spring Activated Horizontal Mount Operation, Add	*99.93*	
		For Dynamic Damper, Add	*239.82*	
		For 3 Hour Rated, Add	*133.24*	
23 33 13 16-0255	EA	40" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	365.42	32.70
		For Spring Activated Horizontal Mount Operation, Add	*61.62*	
		For Dynamic Damper, Add	*147.88*	
		For 3 Hour Rated, Add	*82.16*	
23 33 13 16-0256	EA	40" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	388.64	34.79
		For Spring Activated Horizontal Mount Operation, Add	*65.37*	
		For Dynamic Damper, Add	*156.89*	
		For 3 Hour Rated, Add	*87.16*	
23 33 13 16-0257	EA	40" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	399.34	37.01
		For Spring Activated Horizontal Mount Operation, Add	*66.31*	
		For Dynamic Damper, Add	*159.14*	
		For 3 Hour Rated, Add	*88.41*	
23 33 13 16-0258	EA	40" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	410.07	39.24
		For Spring Activated Horizontal Mount Operation, Add	*67.25*	
		For Dynamic Damper, Add	*161.40*	
		For 3 Hour Rated, Add	*89.67*	
23 33 13 16-0259	EA	40" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	437.77	41.34
		For Spring Activated Horizontal Mount Operation, Add	*70.54*	
		For Dynamic Damper, Add	*169.29*	
		For 3 Hour Rated, Add	*94.05*	
23 33 13 16-0260	EA	40" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	458.90	43.56
		For Spring Activated Horizontal Mount Operation, Add	*73.82*	
		For Dynamic Damper, Add	*177.17*	
		For 3 Hour Rated, Add	*98.43*	
23 33 13 16-0261	EA	40" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	495.20	50.10
		For Spring Activated Horizontal Mount Operation, Add	*77.57*	
		For Dynamic Damper, Add	*186.18*	
		For 3 Hour Rated, Add	*103.43*	
23 33 13 16-0262	EA	40" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	524.96	54.42
		For Spring Activated Horizontal Mount Operation, Add	*81.33*	
		For Dynamic Damper, Add	*195.18*	
		For 3 Hour Rated, Add	*108.44*	
23 33 13 16-0263	EA	40" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	560.45	57.95
		For Spring Activated Horizontal Mount Operation, Add	*86.96*	
		For Dynamic Damper, Add	*208.70*	
		For 3 Hour Rated, Add	*115.94*	
23 33 13 16-0264	EA	40" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	615.47	60.96
		For Spring Activated Horizontal Mount Operation, Add	*97.28*	
		For Dynamic Damper, Add	*233.46*	
		For 3 Hour Rated, Add	*129.70*	
23 33 13 16-0265	EA	40" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	650.92	64.49
		For Spring Activated Horizontal Mount Operation, Add	*102.90*	
		For Dynamic Damper, Add	*246.96*	
		For 3 Hour Rated, Add	*137.20*	
23 33 13 16-0266	EA	40" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	702.06	66.19
		For Spring Activated Horizontal Mount Operation, Add	*113.23*	
		For Dynamic Damper, Add	*271.74*	
		For 3 Hour Rated, Add	*150.97*	
23 33 13 16-0267	EA	40" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	754.23	69.72
		For Spring Activated Horizontal Mount Operation, Add	*122.61*	
		For Dynamic Damper, Add	*294.26*	
		For 3 Hour Rated, Add	*163.48*	

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23 33 13 16-0268	EA	44" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	380.31	32.70
		For Spring Activated Horizontal Mount Operation, Add	*63.50*	
		For Dynamic Damper, Add	*152.39*	
		For 3 Hour Rated, Add	*84.66*	
23 33 13 16-0269	EA	44" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	403.53	34.79
		For Spring Activated Horizontal Mount Operation, Add	*67.25*	
		For Dynamic Damper, Add	*161.40*	
		For 3 Hour Rated, Add	*89.67*	
23 33 13 16-0270	EA	44" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	422.61	37.01
		For Spring Activated Horizontal Mount Operation, Add	*70.07*	
		For Dynamic Damper, Add	*168.17*	
		For 3 Hour Rated, Add	*93.43*	
23 33 13 16-0271	EA	44" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	433.32	39.24
		For Spring Activated Horizontal Mount Operation, Add	*71.01*	
		For Dynamic Damper, Add	*170.42*	
		For 3 Hour Rated, Add	*94.68*	
23 33 13 16-0272	EA	44" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	456.54	41.34
		For Spring Activated Horizontal Mount Operation, Add	*74.76*	
		For Dynamic Damper, Add	*179.43*	
		For 3 Hour Rated, Add	*99.68*	
23 33 13 16-0273	EA	44" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	479.76	43.56
		For Spring Activated Horizontal Mount Operation, Add	*78.51*	
		For Dynamic Damper, Add	*188.43*	
		For 3 Hour Rated, Add	*104.69*	
23 33 13 16-0274	EA	44" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	526.77	52.33
		For Spring Activated Horizontal Mount Operation, Add	*83.21*	
		For Dynamic Damper, Add	*199.69*	
		For 3 Hour Rated, Add	*110.94*	
23 33 13 16-0275	EA	44" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	560.68	56.64
		For Spring Activated Horizontal Mount Operation, Add	*87.89*	
		For Dynamic Damper, Add	*210.94*	
		For 3 Hour Rated, Add	*117.19*	
23 33 13 16-0276	EA	44" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	615.47	60.96
		For Spring Activated Horizontal Mount Operation, Add	*97.28*	
		For Dynamic Damper, Add	*233.46*	
		For 3 Hour Rated, Add	*129.70*	
23 33 13 16-0277	EA	44" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	666.09	65.41
		For Spring Activated Horizontal Mount Operation, Add	*105.72*	
		For Dynamic Damper, Add	*253.73*	
		For 3 Hour Rated, Add	*140.96*	
23 33 13 16-0278	EA	44" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	720.84	69.72
		For Spring Activated Horizontal Mount Operation, Add	*115.10*	
		For Dynamic Damper, Add	*276.23*	
		For 3 Hour Rated, Add	*153.46*	
23 33 13 16-0279	EA	44" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	764.91	71.81
		For Spring Activated Horizontal Mount Operation, Add	*123.54*	
		For Dynamic Damper, Add	*296.50*	
		For 3 Hour Rated, Add	*164.72*	
23 33 13 16-0280	EA	44" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	809.00	74.04
		For Spring Activated Horizontal Mount Operation, Add	*131.99*	
		For Dynamic Damper, Add	*316.77*	
		For 3 Hour Rated, Add	*175.99*	
23 33 13 16-0281	EA	44" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	853.09	76.26
		For Spring Activated Horizontal Mount Operation, Add	*140.44*	
		For Dynamic Damper, Add	*337.05*	
		For 3 Hour Rated, Add	*187.25*	
23 33 13 16-0282	EA	48" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	399.34	34.79
		For Spring Activated Horizontal Mount Operation, Add	*66.31*	
		For Dynamic Damper, Add	*159.14*	
		For 3 Hour Rated, Add	*88.41*	
23 33 13 16-0283	EA	48" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	422.61	37.01
		For Spring Activated Horizontal Mount Operation, Add	*70.07*	
		For Dynamic Damper, Add	*168.17*	
		For 3 Hour Rated, Add	*93.43*	
23 33 13 16-0284	EA	48" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	433.32	39.24
		For Spring Activated Horizontal Mount Operation, Add	*71.01*	
		For Dynamic Damper, Add	*170.42*	
		For 3 Hour Rated, Add	*94.68*	
23 33 13 16-0285	EA	48" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	458.90	43.56
		For Spring Activated Horizontal Mount Operation, Add	*73.82*	
		For Dynamic Damper, Add	*177.17*	
		For 3 Hour Rated, Add	*98.43*	
23 33 13 16-0286	EA	48" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	488.66	47.88
		For Spring Activated Horizontal Mount Operation, Add	*77.57*	
		For Dynamic Damper, Add	*186.18*	
		For 3 Hour Rated, Add	*103.43*	
23 33 13 16-0287	EA	48" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	518.42	52.33
		For Spring Activated Horizontal Mount Operation, Add	*81.33*	
		For Dynamic Damper, Add	*195.18*	
		For 3 Hour Rated, Add	*108.44*	
23 33 13 16-0288	EA	48" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	556.53	56.64
		For Spring Activated Horizontal Mount Operation, Add	*86.96*	
		For Dynamic Damper, Add	*208.70*	
		For 3 Hour Rated, Add	*115.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0289	EA	48" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	594.60	60.96
		For Spring Activated Horizontal Mount Operation, Add	*92.58*	
		For Dynamic Damper, Add	*222.19*	
		For 3 Hour Rated, Add	*123.44*	
23 33 13 16-0290	EA	48" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	645.24	65.41
		For Spring Activated Horizontal Mount Operation, Add	*101.03*	
		For Dynamic Damper, Add	*242.47*	
		For 3 Hour Rated, Add	*134.71*	
23 33 13 16-0291	EA	48" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	704.16	69.72
		For Spring Activated Horizontal Mount Operation, Add	*111.34*	
		For Dynamic Damper, Add	*267.22*	
		For 3 Hour Rated, Add	*148.46*	
23 33 13 16-0292	EA	48" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	748.27	71.81
		For Spring Activated Horizontal Mount Operation, Add	*119.80*	
		For Dynamic Damper, Add	*287.51*	
		For 3 Hour Rated, Add	*159.73*	
23 33 13 16-0293	EA	48" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	804.81	74.04
		For Spring Activated Horizontal Mount Operation, Add	*131.05*	
		For Dynamic Damper, Add	*314.51*	
		For 3 Hour Rated, Add	*174.73*	
23 33 13 16-0294	EA	48" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	855.46	78.35
		For Spring Activated Horizontal Mount Operation, Add	*139.50*	
		For Dynamic Damper, Add	*334.80*	
		For 3 Hour Rated, Add	*186.00*	
23 33 13 16-0295	EA	48" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	912.03	80.58
		For Spring Activated Horizontal Mount Operation, Add	*150.76*	
		For Dynamic Damper, Add	*361.82*	
		For 3 Hour Rated, Add	*201.01*	
23 33 13 16-0296	EA	48" x 48" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	965.00	87.12
		For Spring Activated Horizontal Mount Operation, Add	*158.26*	
		For Dynamic Damper, Add	*379.83*	
		For 3 Hour Rated, Add	*211.02*	
23 33 13 16-0297	EA	52" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	418.42	37.01
		For Spring Activated Horizontal Mount Operation, Add	*69.13*	
		For Dynamic Damper, Add	*165.91*	
		For 3 Hour Rated, Add	*92.17*	
23 33 13 16-0298	EA	52" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	441.65	39.24
		For Spring Activated Horizontal Mount Operation, Add	*72.88*	
		For Dynamic Damper, Add	*174.92*	
		For 3 Hour Rated, Add	*97.18*	
23 33 13 16-0299	EA	52" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	471.41	43.56
		For Spring Activated Horizontal Mount Operation, Add	*76.64*	
		For Dynamic Damper, Add	*183.92*	
		For 3 Hour Rated, Add	*102.18*	
23 33 13 16-0300	EA	52" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	488.66	47.88
		For Spring Activated Horizontal Mount Operation, Add	*77.57*	
		For Dynamic Damper, Add	*186.18*	
		For 3 Hour Rated, Add	*103.43*	
23 33 13 16-0301	EA	52" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	520.53	52.33
		For Spring Activated Horizontal Mount Operation, Add	*81.80*	
		For Dynamic Damper, Add	*196.32*	
		For 3 Hour Rated, Add	*109.07*	
23 33 13 16-0302	EA	52" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	552.35	56.64
		For Spring Activated Horizontal Mount Operation, Add	*86.02*	
		For Dynamic Damper, Add	*206.44*	
		For 3 Hour Rated, Add	*114.69*	
23 33 13 16-0303	EA	52" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	590.46	60.96
		For Spring Activated Horizontal Mount Operation, Add	*91.65*	
		For Dynamic Damper, Add	*219.96*	
		For 3 Hour Rated, Add	*122.20*	
23 33 13 16-0304	EA	52" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	628.56	65.41
		For Spring Activated Horizontal Mount Operation, Add	*97.28*	
		For Dynamic Damper, Add	*233.46*	
		For 3 Hour Rated, Add	*129.70*	
23 33 13 16-0305	EA	52" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	679.17	69.72
		For Spring Activated Horizontal Mount Operation, Add	*105.72*	
		For Dynamic Damper, Add	*253.73*	
		For 3 Hour Rated, Add	*140.96*	
23 33 13 16-0306	EA	52" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	742.27	74.04
		For Spring Activated Horizontal Mount Operation, Add	*116.98*	
		For Dynamic Damper, Add	*280.74*	
		For 3 Hour Rated, Add	*155.97*	
23 33 13 16-0307	EA	52" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	790.51	76.26
		For Spring Activated Horizontal Mount Operation, Add	*126.36*	
		For Dynamic Damper, Add	*303.26*	
		For 3 Hour Rated, Add	*168.48*	
23 33 13 16-0308	EA	52" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	851.28	78.35
		For Spring Activated Horizontal Mount Operation, Add	*138.56*	
		For Dynamic Damper, Add	*332.54*	
		For 3 Hour Rated, Add	*184.75*	
23 33 13 16-0309	EA	52" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	914.36	82.80
		For Spring Activated Horizontal Mount Operation, Add	*149.81*	
		For Dynamic Damper, Add	*359.54*	
		For 3 Hour Rated, Add	*199.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0310	EA	52" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	965.00	87.12
		For Spring Activated Horizontal Mount Operation, Add	*158.26*	
		For Dynamic Damper, Add	*379.83*	
		For 3 Hour Rated, Add	*211.02*	
23 33 13 16-0311	EA	52" x 48" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,034.65	93.66
		For Spring Activated Horizontal Mount Operation, Add	*169.52*	
		For Dynamic Damper, Add	*406.84*	
		For 3 Hour Rated, Add	*226.02*	
23 33 13 16-0312	EA	52" x 52" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,089.45	97.97
		For Spring Activated Horizontal Mount Operation, Add	*178.90*	
		For Dynamic Damper, Add	*429.37*	
		For 3 Hour Rated, Add	*238.54*	
23 33 13 16-0313	EA	56" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	433.32	39.24
		For Spring Activated Horizontal Mount Operation, Add	*71.01*	
		For Dynamic Damper, Add	*170.42*	
		For 3 Hour Rated, Add	*94.68*	
23 33 13 16-0314	EA	56" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	467.23	43.56
		For Spring Activated Horizontal Mount Operation, Add	*75.69*	
		For Dynamic Damper, Add	*181.67*	
		For 3 Hour Rated, Add	*100.93*	
23 33 13 16-0315	EA	56" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	492.84	47.88
		For Spring Activated Horizontal Mount Operation, Add	*78.51*	
		For Dynamic Damper, Add	*188.43*	
		For 3 Hour Rated, Add	*104.69*	
23 33 13 16-0316	EA	56" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	510.07	52.33
		For Spring Activated Horizontal Mount Operation, Add	*79.45*	
		For Dynamic Damper, Add	*190.67*	
		For 3 Hour Rated, Add	*105.93*	
23 33 13 16-0317	EA	56" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	546.11	56.64
		For Spring Activated Horizontal Mount Operation, Add	*84.61*	
		For Dynamic Damper, Add	*203.07*	
		For 3 Hour Rated, Add	*112.82*	
23 33 13 16-0318	EA	56" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	582.11	60.96
		For Spring Activated Horizontal Mount Operation, Add	*89.77*	
		For Dynamic Damper, Add	*215.45*	
		For 3 Hour Rated, Add	*119.69*	
23 33 13 16-0319	EA	56" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	618.14	65.41
		For Spring Activated Horizontal Mount Operation, Add	*94.93*	
		For Dynamic Damper, Add	*227.84*	
		For 3 Hour Rated, Add	*126.58*	
23 33 13 16-0320	EA	56" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	654.14	69.72
		For Spring Activated Horizontal Mount Operation, Add	*100.09*	
		For Dynamic Damper, Add	*240.21*	
		For 3 Hour Rated, Add	*133.45*	
23 33 13 16-0321	EA	56" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	717.24	74.04
		For Spring Activated Horizontal Mount Operation, Add	*111.34*	
		For Dynamic Damper, Add	*267.22*	
		For 3 Hour Rated, Add	*148.46*	
23 33 13 16-0322	EA	56" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	773.85	76.26
		For Spring Activated Horizontal Mount Operation, Add	*122.61*	
		For Dynamic Damper, Add	*294.26*	
		For 3 Hour Rated, Add	*163.48*	
23 33 13 16-0323	EA	56" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	826.24	78.35
		For Spring Activated Horizontal Mount Operation, Add	*132.93*	
		For Dynamic Damper, Add	*319.02*	
		For 3 Hour Rated, Add	*177.23*	
23 33 13 16-0324	EA	56" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	897.72	82.80
		For Spring Activated Horizontal Mount Operation, Add	*146.07*	
		For Dynamic Damper, Add	*350.56*	
		For 3 Hour Rated, Add	*194.75*	
23 33 13 16-0325	EA	56" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	960.81	87.12
		For Spring Activated Horizontal Mount Operation, Add	*157.32*	
		For Dynamic Damper, Add	*377.57*	
		For 3 Hour Rated, Add	*209.76*	
23 33 13 16-0326	EA	56" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,028.11	91.43
		For Spring Activated Horizontal Mount Operation, Add	*169.52*	
		For Dynamic Damper, Add	*406.84*	
		For 3 Hour Rated, Add	*226.02*	
23 33 13 16-0327	EA	56" x 48" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,082.91	95.88
		For Spring Activated Horizontal Mount Operation, Add	*178.90*	
		For Dynamic Damper, Add	*429.37*	
		For 3 Hour Rated, Add	*238.54*	
23 33 13 16-0328	EA	56" x 52" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,150.20	100.20
		For Spring Activated Horizontal Mount Operation, Add	*191.10*	
		For Dynamic Damper, Add	*458.64*	
		For 3 Hour Rated, Add	*254.80*	
23 33 13 16-0329	EA	56" x 56" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,217.49	104.51
		For Spring Activated Horizontal Mount Operation, Add	*203.30*	
		For Dynamic Damper, Add	*487.92*	
		For 3 Hour Rated, Add	*271.07*	
23 33 13 16-0330	EA	60" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	458.90	43.56
		For Spring Activated Horizontal Mount Operation, Add	*73.82*	
		For Dynamic Damper, Add	*177.17*	
		For 3 Hour Rated, Add	*98.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0331	EA	60" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	492.84	47.88
		For Spring Activated Horizontal Mount Operation, Add	*78.51*	
		For Dynamic Damper, Add	*188.43*	
		For 3 Hour Rated, Add	*104.69*	
23 33 13 16-0332	EA	60" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	514.24	52.33
		For Spring Activated Horizontal Mount Operation, Add	*80.39*	
		For Dynamic Damper, Add	*192.93*	
		For 3 Hour Rated, Add	*107.18*	
23 33 13 16-0333	EA	60" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	531.50	56.64
		For Spring Activated Horizontal Mount Operation, Add	*81.33*	
		For Dynamic Damper, Add	*195.18*	
		For 3 Hour Rated, Add	*108.44*	
23 33 13 16-0334	EA	60" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	569.61	60.96
		For Spring Activated Horizontal Mount Operation, Add	*86.96*	
		For Dynamic Damper, Add	*208.70*	
		For 3 Hour Rated, Add	*115.94*	
23 33 13 16-0335	EA	60" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	607.69	65.41
		For Spring Activated Horizontal Mount Operation, Add	*92.58*	
		For Dynamic Damper, Add	*222.19*	
		For 3 Hour Rated, Add	*123.44*	
23 33 13 16-0336	EA	60" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	647.88	69.72
		For Spring Activated Horizontal Mount Operation, Add	*98.68*	
		For Dynamic Damper, Add	*236.83*	
		For 3 Hour Rated, Add	*131.57*	
23 33 13 16-0337	EA	60" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	688.06	74.04
		For Spring Activated Horizontal Mount Operation, Add	*104.78*	
		For Dynamic Damper, Add	*251.47*	
		For 3 Hour Rated, Add	*139.70*	
23 33 13 16-0338	EA	60" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	748.81	76.26
		For Spring Activated Horizontal Mount Operation, Add	*116.98*	
		For Dynamic Damper, Add	*280.74*	
		For 3 Hour Rated, Add	*155.97*	
23 33 13 16-0339	EA	60" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	805.40	78.35
		For Spring Activated Horizontal Mount Operation, Add	*128.24*	
		For Dynamic Damper, Add	*307.77*	
		For 3 Hour Rated, Add	*170.98*	
23 33 13 16-0340	EA	60" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	872.71	82.80
		For Spring Activated Horizontal Mount Operation, Add	*140.44*	
		For Dynamic Damper, Add	*337.05*	
		For 3 Hour Rated, Add	*187.25*	
23 33 13 16-0341	EA	60" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	939.99	87.12
		For Spring Activated Horizontal Mount Operation, Add	*152.64*	
		For Dynamic Damper, Add	*366.33*	
		For 3 Hour Rated, Add	*203.51*	
23 33 13 16-0342	EA	60" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	994.77	91.43
		For Spring Activated Horizontal Mount Operation, Add	*162.02*	
		For Dynamic Damper, Add	*388.84*	
		For 3 Hour Rated, Add	*216.02*	
23 33 13 16-0343	EA	60" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,074.56	95.88
		For Spring Activated Horizontal Mount Operation, Add	*177.03*	
		For Dynamic Damper, Add	*424.86*	
		For 3 Hour Rated, Add	*236.03*	
23 33 13 16-0344	EA	60" x 48" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,146.01	100.20
		For Spring Activated Horizontal Mount Operation, Add	*190.16*	
		For Dynamic Damper, Add	*456.38*	
		For 3 Hour Rated, Add	*253.55*	
23 33 13 16-0345	EA	60" x 52" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,217.49	104.51
		For Spring Activated Horizontal Mount Operation, Add	*203.30*	
		For Dynamic Damper, Add	*487.92*	
		For 3 Hour Rated, Add	*271.07*	
23 33 13 16-0346	EA	60" x 56" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,280.57	108.96
		For Spring Activated Horizontal Mount Operation, Add	*214.55*	
		For Dynamic Damper, Add	*514.92*	
		For 3 Hour Rated, Add	*286.07*	
23 33 13 16-0347	EA	60" x 60" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,343.73	113.28
		For Spring Activated Horizontal Mount Operation, Add	*225.82*	
		For Dynamic Damper, Add	*541.96*	
		For 3 Hour Rated, Add	*301.09*	

23 33 13 16-0348 Round 2 Hour Fire Damper *(23 33 13 16)*

23 33 13 16-0349	EA	4" Round 2 Hour Fire Damper	139.06	26.16
23 33 13 16-0350	EA	5" Round 2 Hour Fire Damper	145.27	26.16
23 33 13 16-0351	EA	6" Round 2 Hour Fire Damper	171.04	29.69
23 33 13 16-0352	EA	7" Round 2 Hour Fire Damper	177.78	29.69
23 33 13 16-0353	EA	8" Round 2 Hour Fire Damper	214.14	32.70
23 33 13 16-0354	EA	9" Round 2 Hour Fire Damper	232.72	32.70
23 33 13 16-0355	EA	10" Round 2 Hour Fire Damper	258.62	36.36
23 33 13 16-0356	EA	12" Round 2 Hour Fire Damper	290.48	40.95
23 33 13 16-0357	EA	14" Round 2 Hour Fire Damper	330.09	46.70

23 33 13 16-0358 Round 4 Hour Fire Damper *(23 33 13 16)*

23 33 13 16-0359	EA	4" Round 4 Hour Fire Damper	156.60	29.69
23 33 13 16-0360	EA	5" Round 4 Hour Fire Damper	173.52	29.69

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0361	EA	6" Round 4 Hour Fire Damper	196.63	32.70
23 33 13 16-0362	EA	7" Round 4 Hour Fire Damper	218.46	32.70
23 33 13 16-0363	EA	8" Round 4 Hour Fire Damper	247.61	36.36
23 33 13 16-0364	EA	9" Round 4 Hour Fire Damper	260.92	36.36
23 33 13 16-0365	EA	10" Round 4 Hour Fire Damper	290.90	40.95
23 33 13 16-0366	EA	12" Round 4 Hour Fire Damper	321.63	46.70
23 33 13 16-0367	EA	14" Round 4 Hour Fire Damper	375.24	54.55

23 33 13 19 Smoke-Control Dampers *(23 33 13)*

23 33 13 19-0001 Combination Smoke/Fire Damper *(23 33 13 19)*

Note: 1-1/2 hour rating, leakage class I with Firestat UL 555S air foil blades.

23 33 13 19-0002	EA	6" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	657.79	21.78
		For Dynamic Damper, Add	*319.92*	
		For 3 Hour Rated, Add	*177.74*	
23 33 13 19-0003	EA	8" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	675.19	22.76
		For Dynamic Damper, Add	*327.73*	
		For 3 Hour Rated, Add	*182.07*	
23 33 13 19-0004	EA	8" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	690.24	22.96
		For Dynamic Damper, Add	*335.64*	
		For 3 Hour Rated, Add	*186.47*	
23 33 13 19-0005	EA	10" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	651.58	22.96
		For Dynamic Damper, Add	*314.77*	
		For 3 Hour Rated, Add	*174.87*	
23 33 13 19-0006	EA	10" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	667.19	23.54
		For Dynamic Damper, Add	*322.14*	
		For 3 Hour Rated, Add	*178.97*	
23 33 13 19-0007	EA	10" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	702.43	26.10
		For Dynamic Damper, Add	*336.93*	
		For 3 Hour Rated, Add	*187.18*	
23 33 13 19-0008	EA	12" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	667.19	23.54
		For Dynamic Damper, Add	*322.14*	
		For 3 Hour Rated, Add	*178.97*	
23 33 13 19-0009	EA	12" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	698.50	24.92
		For Dynamic Damper, Add	*336.93*	
		For 3 Hour Rated, Add	*187.18*	
23 33 13 19-0010	EA	12" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	716.08	26.10
		For Dynamic Damper, Add	*344.30*	
		For 3 Hour Rated, Add	*191.28*	
23 33 13 19-0011	EA	12" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	739.62	29.43
		For Dynamic Damper, Add	*351.72*	
		For 3 Hour Rated, Add	*195.40*	
23 33 13 19-0012	EA	14" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	691.67	24.92
		For Dynamic Damper, Add	*333.24*	
		For 3 Hour Rated, Add	*185.13*	
23 33 13 19-0013	EA	14" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	716.08	26.10
		For Dynamic Damper, Add	*344.30*	
		For 3 Hour Rated, Add	*191.28*	
23 33 13 19-0014	EA	14" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	733.74	27.47
		For Dynamic Damper, Add	*351.72*	
		For 3 Hour Rated, Add	*195.40*	
23 33 13 19-0015	EA	14" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	753.36	29.43
		For Dynamic Damper, Add	*359.14*	
		For 3 Hour Rated, Add	*199.52*	
23 33 13 19-0016	EA	14" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	797.38	32.77
		For Dynamic Damper, Add	*377.61*	
		For 3 Hour Rated, Add	*209.78*	
23 33 13 19-0017	EA	16" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	782.15	26.10
		For Dynamic Damper, Add	*379.98*	
		For 3 Hour Rated, Add	*211.10*	
23 33 13 19-0018	EA	16" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	796.52	28.06
		For Dynamic Damper, Add	*384.56*	
		For 3 Hour Rated, Add	*213.65*	
23 33 13 19-0019	EA	16" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	812.87	30.81
		For Dynamic Damper, Add	*389.15*	
		For 3 Hour Rated, Add	*216.20*	
23 33 13 19-0020	EA	16" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	827.13	32.77
		For Dynamic Damper, Add	*393.68*	
		For 3 Hour Rated, Add	*218.71*	
23 33 13 19-0021	EA	16" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	858.15	35.91
		For Dynamic Damper, Add	*405.13*	
		For 3 Hour Rated, Add	*225.07*	
23 33 13 19-0022	EA	16" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	889.12	39.24
		For Dynamic Damper, Add	*416.55*	
		For 3 Hour Rated, Add	*231.42*	
23 33 13 19-0023	EA	18" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	794.56	27.47
		For Dynamic Damper, Add	*384.56*	
		For 3 Hour Rated, Add	*213.65*	
23 33 13 19-0024	EA	18" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	813.10	29.43
		For Dynamic Damper, Add	*391.40*	
		For 3 Hour Rated, Add	*217.44*	
23 33 13 19-0025	EA	18" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	835.68	32.77
		For Dynamic Damper, Add	*398.29*	
		For 3 Hour Rated, Add	*221.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0026	EA	18" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	866.65	35.91
		For Dynamic Damper, Add	*409.72*	
		For 3 Hour Rated, Add	*227.62*	
23 33 13 19-0027	EA	18" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	893.34	39.24
		For Dynamic Damper, Add	*418.83*	
		For 3 Hour Rated, Add	*232.68*	
23 33 13 19-0028	EA	18" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	924.31	42.39
		For Dynamic Damper, Add	*430.26*	
		For 3 Hour Rated, Add	*239.03*	
23 33 13 19-0029	EA	18" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	946.83	45.72
		For Dynamic Damper, Add	*437.12*	
		For 3 Hour Rated, Add	*242.84*	
23 33 13 19-0030	EA	20" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	808.94	29.43
		For Dynamic Damper, Add	*389.15*	
		For 3 Hour Rated, Add	*216.20*	
23 33 13 19-0031	EA	20" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	835.63	32.77
		For Dynamic Damper, Add	*398.27*	
		For 3 Hour Rated, Add	*221.26*	
23 33 13 19-0032	EA	20" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	862.37	35.91
		For Dynamic Damper, Add	*407.41*	
		For 3 Hour Rated, Add	*226.34*	
23 33 13 19-0033	EA	20" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	906.12	39.24
		For Dynamic Damper, Add	*425.73*	
		For 3 Hour Rated, Add	*236.52*	
23 33 13 19-0034	EA	20" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	928.58	42.39
		For Dynamic Damper, Add	*432.56*	
		For 3 Hour Rated, Add	*240.31*	
23 33 13 19-0035	EA	20" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	951.05	45.72
		For Dynamic Damper, Add	*439.40*	
		For 3 Hour Rated, Add	*244.11*	
23 33 13 19-0036	EA	20" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	977.80	49.06
		For Dynamic Damper, Add	*448.55*	
		For 3 Hour Rated, Add	*249.19*	
23 33 13 19-0037	EA	20" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,004.49	52.20
		For Dynamic Damper, Add	*457.66*	
		For 3 Hour Rated, Add	*254.26*	
23 33 13 19-0038	EA	24" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	827.82	32.77
		For Dynamic Damper, Add	*394.05*	
		For 3 Hour Rated, Add	*218.92*	
23 33 13 19-0039	EA	24" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	854.76	35.91
		For Dynamic Damper, Add	*403.30*	
		For 3 Hour Rated, Add	*224.06*	
23 33 13 19-0040	EA	24" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	876.02	39.24
		For Dynamic Damper, Add	*409.48*	
		For 3 Hour Rated, Add	*227.49*	
23 33 13 19-0041	EA	24" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	902.88	42.39
		For Dynamic Damper, Add	*418.68*	
		For 3 Hour Rated, Add	*232.60*	
23 33 13 19-0042	EA	24" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	921.26	45.72
		For Dynamic Damper, Add	*423.31*	
		For 3 Hour Rated, Add	*235.17*	
23 33 13 19-0043	EA	24" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	939.59	49.06
		For Dynamic Damper, Add	*427.91*	
		For 3 Hour Rated, Add	*237.73*	
23 33 13 19-0044	EA	24" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	966.49	52.20
		For Dynamic Damper, Add	*437.14*	
		For 3 Hour Rated, Add	*242.86*	
23 33 13 19-0045	EA	24" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,003.20	58.87
		For Dynamic Damper, Add	*446.37*	
		For 3 Hour Rated, Add	*247.98*	
23 33 13 19-0046	EA	24" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,045.64	65.34
		For Dynamic Damper, Add	*458.69*	
		For 3 Hour Rated, Add	*254.83*	
23 33 13 19-0047	EA	28" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	854.76	35.91
		For Dynamic Damper, Add	*403.30*	
		For 3 Hour Rated, Add	*224.06*	
23 33 13 19-0048	EA	28" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	876.02	39.24
		For Dynamic Damper, Add	*409.48*	
		For 3 Hour Rated, Add	*227.49*	
23 33 13 19-0049	EA	28" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	902.88	42.39
		For Dynamic Damper, Add	*418.68*	
		For 3 Hour Rated, Add	*232.60*	
23 33 13 19-0050	EA	28" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	924.10	45.72
		For Dynamic Damper, Add	*424.85*	
		For 3 Hour Rated, Add	*236.03*	
23 33 13 19-0051	EA	28" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	948.15	49.06
		For Dynamic Damper, Add	*432.53*	
		For 3 Hour Rated, Add	*240.30*	
23 33 13 19-0052	EA	28" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	972.17	52.20
		For Dynamic Damper, Add	*440.21*	
		For 3 Hour Rated, Add	*244.56*	
23 33 13 19-0053	EA	28" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,008.88	58.87
		For Dynamic Damper, Add	*449.44*	
		For 3 Hour Rated, Add	*249.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0054	EA	28" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,045.64	65.34
		For Dynamic Damper, Add	*458.69*	
		For 3 Hour Rated, Add	*254.83*	
23 33 13 19-0055	EA	28" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,089.62	68.68
		For Dynamic Damper, Add	*477.14*	
		For 3 Hour Rated, Add	*265.08*	
23 33 13 19-0056	EA	28" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,137.74	75.15
		For Dynamic Damper, Add	*492.53*	
		For 3 Hour Rated, Add	*273.63*	
23 33 13 19-0057	EA	32" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	893.07	39.24
		For Dynamic Damper, Add	*418.68*	
		For 3 Hour Rated, Add	*232.60*	
23 33 13 19-0058	EA	32" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	908.57	42.39
		For Dynamic Damper, Add	*421.76*	
		For 3 Hour Rated, Add	*234.31*	
23 33 13 19-0059	EA	32" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	924.10	45.72
		For Dynamic Damper, Add	*424.85*	
		For 3 Hour Rated, Add	*236.03*	
23 33 13 19-0060	EA	32" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	945.28	49.06
		For Dynamic Damper, Add	*430.98*	
		For 3 Hour Rated, Add	*239.44*	
23 33 13 19-0061	EA	32" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	973.23	52.20
		For Dynamic Damper, Add	*440.78*	
		For 3 Hour Rated, Add	*244.88*	
23 33 13 19-0062	EA	32" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,008.88	58.87
		For Dynamic Damper, Add	*449.44*	
		For 3 Hour Rated, Add	*249.69*	
23 33 13 19-0063	EA	32" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,051.36	65.34
		For Dynamic Damper, Add	*461.78*	
		For 3 Hour Rated, Add	*256.54*	
23 33 13 19-0064	EA	32" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,093.79	71.81
		For Dynamic Damper, Add	*474.09*	
		For 3 Hour Rated, Add	*263.39*	
23 33 13 19-0065	EA	32" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,137.74	75.15
		For Dynamic Damper, Add	*492.53*	
		For 3 Hour Rated, Add	*273.63*	
23 33 13 19-0066	EA	32" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,193.36	80.45
		For Dynamic Damper, Add	*514.09*	
		For 3 Hour Rated, Add	*285.61*	
23 33 13 19-0067	EA	32" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,252.64	84.96
		For Dynamic Damper, Add	*538.69*	
		For 3 Hour Rated, Add	*299.27*	
23 33 13 19-0068	EA	36" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	937.82	42.39
		For Dynamic Damper, Add	*437.55*	
		For 3 Hour Rated, Add	*243.08*	
23 33 13 19-0069	EA	36" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	959.98	45.72
		For Dynamic Damper, Add	*444.22*	
		For 3 Hour Rated, Add	*246.79*	
23 33 13 19-0070	EA	36" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	982.18	49.06
		For Dynamic Damper, Add	*450.91*	
		For 3 Hour Rated, Add	*250.51*	
23 33 13 19-0071	EA	36" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,010.59	52.20
		For Dynamic Damper, Add	*460.95*	
		For 3 Hour Rated, Add	*256.09*	
23 33 13 19-0072	EA	36" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,039.53	58.87
		For Dynamic Damper, Add	*465.99*	
		For 3 Hour Rated, Add	*258.88*	
23 33 13 19-0073	EA	36" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,058.63	62.01
		For Dynamic Damper, Add	*471.00*	
		For 3 Hour Rated, Add	*261.67*	
23 33 13 19-0074	EA	36" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,119.06	71.81
		For Dynamic Damper, Add	*487.74*	
		For 3 Hour Rated, Add	*270.97*	
23 33 13 19-0075	EA	36" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,169.60	78.49
		For Dynamic Damper, Add	*504.44*	
		For 3 Hour Rated, Add	*280.24*	
23 33 13 19-0076	EA	36" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,214.61	81.04
		For Dynamic Damper, Add	*524.51*	
		For 3 Hour Rated, Add	*291.39*	
23 33 13 19-0077	EA	36" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,281.83	86.93
		For Dynamic Damper, Add	*551.27*	
		For 3 Hour Rated, Add	*306.26*	
23 33 13 19-0078	EA	36" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,338.88	91.43
		For Dynamic Damper, Add	*574.66*	
		For 3 Hour Rated, Add	*319.25*	
23 33 13 19-0079	EA	36" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,398.25	94.77
		For Dynamic Damper, Add	*601.42*	
		For 3 Hour Rated, Add	*334.12*	
23 33 13 19-0080	EA	40" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,513.01	49.06
		For Dynamic Damper, Add	*742.86*	
		For 3 Hour Rated, Add	*412.70*	
23 33 13 19-0081	EA	40" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,556.03	52.20
		For Dynamic Damper, Add	*760.79*	
		For 3 Hour Rated, Add	*422.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0082	EA	40" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,574.18	55.53
		For Dynamic Damper, Add	*765.29*	
		For 3 Hour Rated, Add	*425.16*	
23 33 13 19-0083	EA	40" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,592.33	58.87
		For Dynamic Damper, Add	*769.80*	
		For 3 Hour Rated, Add	*427.67*	
23 33 13 19-0084	EA	40" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,641.05	62.01
		For Dynamic Damper, Add	*785.51*	
		For 3 Hour Rated, Add	*436.40*	
23 33 13 19-0085	EA	40" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,680.01	65.34
		For Dynamic Damper, Add	*801.25*	
		For 3 Hour Rated, Add	*445.14*	
23 33 13 19-0086	EA	40" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,742.70	75.15
		For Dynamic Damper, Add	*819.21*	
		For 3 Hour Rated, Add	*455.12*	
23 33 13 19-0087	EA	40" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,795.53	81.62
		For Dynamic Damper, Add	*837.14*	
		For 3 Hour Rated, Add	*465.08*	
23 33 13 19-0088	EA	40" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,861.17	86.93
		For Dynamic Damper, Add	*864.11*	
		For 3 Hour Rated, Add	*480.06*	
23 33 13 19-0089	EA	40" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,966.30	91.43
		For Dynamic Damper, Add	*913.46*	
		For 3 Hour Rated, Add	*507.48*	
23 33 13 19-0090	EA	40" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,031.85	96.74
		For Dynamic Damper, Add	*940.38*	
		For 3 Hour Rated, Add	*522.44*	
23 33 13 19-0091	EA	40" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,131.19	99.28
		For Dynamic Damper, Add	*989.79*	
		For 3 Hour Rated, Add	*549.88*	
23 33 13 19-0092	EA	40" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,230.04	104.58
		For Dynamic Damper, Add	*1,034.69*	
		For 3 Hour Rated, Add	*574.83*	
23 33 13 19-0093	EA	44" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,539.45	49.06
		For Dynamic Damper, Add	*751.84*	
		For 3 Hour Rated, Add	*417.69*	
23 33 13 19-0094	EA	44" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,582.52	52.20
		For Dynamic Damper, Add	*769.80*	
		For 3 Hour Rated, Add	*427.67*	
23 33 13 19-0095	EA	44" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,617.31	55.53
		For Dynamic Damper, Add	*783.29*	
		For 3 Hour Rated, Add	*435.16*	
23 33 13 19-0096	EA	44" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,635.46	58.87
		For Dynamic Damper, Add	*787.79*	
		For 3 Hour Rated, Add	*437.66*	
23 33 13 19-0097	EA	44" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,678.53	62.01
		For Dynamic Damper, Add	*805.75*	
		For 3 Hour Rated, Add	*447.64*	
23 33 13 19-0098	EA	44" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,721.56	65.34
		For Dynamic Damper, Add	*823.68*	
		For 3 Hour Rated, Add	*457.60*	
23 33 13 19-0099	EA	44" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,802.41	78.49
		For Dynamic Damper, Add	*846.15*	
		For 3 Hour Rated, Add	*470.09*	
23 33 13 19-0100	EA	44" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,863.52	84.96
		For Dynamic Damper, Add	*868.56*	
		For 3 Hour Rated, Add	*482.54*	
23 33 13 19-0101	EA	44" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,966.30	91.43
		For Dynamic Damper, Add	*913.46*	
		For 3 Hour Rated, Add	*507.48*	
23 33 13 19-0102	EA	44" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,060.74	98.10
		For Dynamic Damper, Add	*953.87*	
		For 3 Hour Rated, Add	*529.93*	
23 33 13 19-0103	EA	44" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,163.46	104.58
		For Dynamic Damper, Add	*998.74*	
		For 3 Hour Rated, Add	*554.86*	
23 33 13 19-0104	EA	44" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,248.09	107.72
		For Dynamic Damper, Add	*1,039.14*	
		For 3 Hour Rated, Add	*577.30*	
23 33 13 19-0105	EA	44" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,332.76	111.05
		For Dynamic Damper, Add	*1,079.57*	
		For 3 Hour Rated, Add	*599.76*	
23 33 13 19-0106	EA	44" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,417.44	114.39
		For Dynamic Damper, Add	*1,120.00*	
		For 3 Hour Rated, Add	*622.22*	
23 33 13 19-0107	EA	48" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,574.18	52.20
		For Dynamic Damper, Add	*765.29*	
		For 3 Hour Rated, Add	*425.16*	
23 33 13 19-0108	EA	48" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,617.31	55.53
		For Dynamic Damper, Add	*783.29*	
		For 3 Hour Rated, Add	*435.16*	
23 33 13 19-0109	EA	48" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,635.46	58.87
		For Dynamic Damper, Add	*787.79*	
		For 3 Hour Rated, Add	*437.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0110	EA	48" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,680.01	65.34
		For Dynamic Damper, Add	*801.25*	
		For 3 Hour Rated, Add	*445.14*	
23 33 13 19-0111	EA	48" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,732.89	71.81
		For Dynamic Damper, Add	*819.21*	
		For 3 Hour Rated, Add	*455.12*	
23 33 13 19-0112	EA	48" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,785.72	78.49
		For Dynamic Damper, Add	*837.14*	
		For 3 Hour Rated, Add	*465.08*	
23 33 13 19-0113	EA	48" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,855.28	84.96
		For Dynamic Damper, Add	*864.11*	
		For 3 Hour Rated, Add	*480.06*	
23 33 13 19-0114	EA	48" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,924.75	91.43
		For Dynamic Damper, Add	*891.03*	
		For 3 Hour Rated, Add	*495.02*	
23 33 13 19-0115	EA	48" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,019.19	98.10
		For Dynamic Damper, Add	*931.43*	
		For 3 Hour Rated, Add	*517.46*	
23 33 13 19-0116	EA	48" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,130.20	104.58
		For Dynamic Damper, Add	*980.78*	
		For 3 Hour Rated, Add	*544.88*	
23 33 13 19-0117	EA	48" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,214.93	107.72
		For Dynamic Damper, Add	*1,021.24*	
		For 3 Hour Rated, Add	*567.35*	
23 33 13 19-0118	EA	48" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,324.42	111.05
		For Dynamic Damper, Add	*1,075.06*	
		For 3 Hour Rated, Add	*597.26*	
23 33 13 19-0119	EA	48" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,418.92	117.53
		For Dynamic Damper, Add	*1,115.49*	
		For 3 Hour Rated, Add	*619.72*	
23 33 13 19-0120	EA	48" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,528.52	120.87
		For Dynamic Damper, Add	*1,169.38*	
		For 3 Hour Rated, Add	*649.66*	
23 33 13 19-0121	EA	48" x 48" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,624.42	130.68
		For Dynamic Damper, Add	*1,205.27*	
		For 3 Hour Rated, Add	*669.60*	
23 33 13 19-0122	EA	52" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,608.97	55.53
		For Dynamic Damper, Add	*778.78*	
		For 3 Hour Rated, Add	*432.66*	
23 33 13 19-0123	EA	52" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,652.04	58.87
		For Dynamic Damper, Add	*796.74*	
		For 3 Hour Rated, Add	*442.64*	
23 33 13 19-0124	EA	52" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,704.93	65.34
		For Dynamic Damper, Add	*814.70*	
		For 3 Hour Rated, Add	*452.61*	
23 33 13 19-0125	EA	52" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,732.89	71.81
		For Dynamic Damper, Add	*819.21*	
		For 3 Hour Rated, Add	*455.12*	
23 33 13 19-0126	EA	52" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,789.94	78.49
		For Dynamic Damper, Add	*839.42*	
		For 3 Hour Rated, Add	*466.34*	
23 33 13 19-0127	EA	52" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,846.94	84.96
		For Dynamic Damper, Add	*859.61*	
		For 3 Hour Rated, Add	*477.56*	
23 33 13 19-0128	EA	52" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,916.46	91.43
		For Dynamic Damper, Add	*886.55*	
		For 3 Hour Rated, Add	*492.53*	
23 33 13 19-0129	EA	52" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,985.92	98.10
		For Dynamic Damper, Add	*913.46*	
		For 3 Hour Rated, Add	*507.48*	
23 33 13 19-0130	EA	52" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,080.36	104.58
		For Dynamic Damper, Add	*953.87*	
		For 3 Hour Rated, Add	*529.93*	
23 33 13 19-0131	EA	52" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,199.77	111.05
		For Dynamic Damper, Add	*1,007.75*	
		For 3 Hour Rated, Add	*559.86*	
23 33 13 19-0132	EA	52" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,292.63	114.39
		For Dynamic Damper, Add	*1,052.60*	
		For 3 Hour Rated, Add	*584.78*	
23 33 13 19-0133	EA	52" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,410.63	117.53
		For Dynamic Damper, Add	*1,111.02*	
		For 3 Hour Rated, Add	*617.23*	
23 33 13 19-0134	EA	52" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,529.94	124.20
		For Dynamic Damper, Add	*1,164.85*	
		For 3 Hour Rated, Add	*647.14*	
23 33 13 19-0135	EA	52" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,624.42	130.68
		For Dynamic Damper, Add	*1,205.27*	
		For 3 Hour Rated, Add	*669.60*	
23 33 13 19-0136	EA	52" x 48" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,753.58	140.49
		For Dynamic Damper, Add	*1,259.13*	
		For 3 Hour Rated, Add	*699.52*	
23 33 13 19-0137	EA	52" x 52" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,856.36	146.96
		For Dynamic Damper, Add	*1,304.04*	
		For 3 Hour Rated, Add	*724.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0138	EA	56" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,635.46	58.87
		For Dynamic Damper, Add	*787.79*	
		For 3 Hour Rated, Add	*437.66*	
23 33 13 19-0139	EA	56" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,696.59	65.34
		For Dynamic Damper, Add	*810.20*	
		For 3 Hour Rated, Add	*450.11*	
23 33 13 19-0140	EA	56" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,741.18	71.81
		For Dynamic Damper, Add	*823.68*	
		For 3 Hour Rated, Add	*457.60*	
23 33 13 19-0141	EA	56" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,769.09	78.49
		For Dynamic Damper, Add	*828.16*	
		For 3 Hour Rated, Add	*460.09*	
23 33 13 19-0142	EA	56" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,834.48	84.96
		For Dynamic Damper, Add	*852.88*	
		For 3 Hour Rated, Add	*473.82*	
23 33 13 19-0143	EA	56" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,899.83	91.43
		For Dynamic Damper, Add	*877.57*	
		For 3 Hour Rated, Add	*487.54*	
23 33 13 19-0144	EA	56" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,965.12	98.10
		For Dynamic Damper, Add	*902.23*	
		For 3 Hour Rated, Add	*501.24*	
23 33 13 19-0145	EA	56" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,030.46	104.58
		For Dynamic Damper, Add	*926.92*	
		For 3 Hour Rated, Add	*514.96*	
23 33 13 19-0146	EA	56" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,149.82	111.05
		For Dynamic Damper, Add	*980.78*	
		For 3 Hour Rated, Add	*544.88*	
23 33 13 19-0147	EA	56" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,259.47	114.39
		For Dynamic Damper, Add	*1,034.69*	
		For 3 Hour Rated, Add	*574.83*	
23 33 13 19-0148	EA	56" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,360.69	117.53
		For Dynamic Damper, Add	*1,084.05*	
		For 3 Hour Rated, Add	*602.25*	
23 33 13 19-0149	EA	56" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,496.72	124.20
		For Dynamic Damper, Add	*1,146.91*	
		For 3 Hour Rated, Add	*637.17*	
23 33 13 19-0150	EA	56" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,616.08	130.68
		For Dynamic Damper, Add	*1,200.77*	
		For 3 Hour Rated, Add	*667.10*	
23 33 13 19-0151	EA	56" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,743.78	137.15
		For Dynamic Damper, Add	*1,259.13*	
		For 3 Hour Rated, Add	*699.52*	
23 33 13 19-0152	EA	56" x 48" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,846.55	143.82
		For Dynamic Damper, Add	*1,304.04*	
		For 3 Hour Rated, Add	*724.46*	
23 33 13 19-0153	EA	56" x 52" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,974.25	150.30
		For Dynamic Damper, Add	*1,362.40*	
		For 3 Hour Rated, Add	*756.89*	
23 33 13 19-0154	EA	56" x 56" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	3,101.95	156.78
		For Dynamic Damper, Add	*1,420.76*	
		For 3 Hour Rated, Add	*789.31*	
23 33 13 19-0155	EA	60" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,680.01	65.34
		For Dynamic Damper, Add	*801.25*	
		For 3 Hour Rated, Add	*445.14*	
23 33 13 19-0156	EA	60" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,741.18	71.81
		For Dynamic Damper, Add	*823.68*	
		For 3 Hour Rated, Add	*457.60*	
23 33 13 19-0157	EA	60" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,777.43	78.49
		For Dynamic Damper, Add	*832.66*	
		For 3 Hour Rated, Add	*462.59*	
23 33 13 19-0158	EA	60" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,805.33	84.96
		For Dynamic Damper, Add	*837.14*	
		For 3 Hour Rated, Add	*465.08*	
23 33 13 19-0159	EA	60" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,874.91	91.43
		For Dynamic Damper, Add	*864.11*	
		For 3 Hour Rated, Add	*480.06*	
23 33 13 19-0160	EA	60" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,944.37	98.10
		For Dynamic Damper, Add	*891.03*	
		For 3 Hour Rated, Add	*495.02*	
23 33 13 19-0161	EA	60" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,018.00	104.58
		For Dynamic Damper, Add	*920.19*	
		For 3 Hour Rated, Add	*511.22*	
23 33 13 19-0162	EA	60" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,091.69	111.05
		For Dynamic Damper, Add	*949.39*	
		For 3 Hour Rated, Add	*527.44*	
23 33 13 19-0163	EA	60" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,209.58	114.39
		For Dynamic Damper, Add	*1,007.75*	
		For 3 Hour Rated, Add	*559.86*	
23 33 13 19-0164	EA	60" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,319.13	117.53
		For Dynamic Damper, Add	*1,061.61*	
		For 3 Hour Rated, Add	*589.78*	
23 33 13 19-0165	EA	60" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,446.88	124.20
		For Dynamic Damper, Add	*1,120.00*	
		For 3 Hour Rated, Add	*622.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0166	EA	60" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,574.58	130.68
		For Dynamic Damper, Add	*1,178.36*	
		For 3 Hour Rated, Add	*654.65*	
23 33 13 19-0167	EA	60" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,677.30	137.15
		For Dynamic Damper, Add	*1,223.24*	
		For 3 Hour Rated, Add	*679.58*	
23 33 13 19-0168	EA	60" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,829.92	143.82
		For Dynamic Damper, Add	*1,295.06*	
		For 3 Hour Rated, Add	*719.48*	
23 33 13 19-0169	EA	60" x 48" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,965.96	150.30
		For Dynamic Damper, Add	*1,357.92*	
		For 3 Hour Rated, Add	*754.40*	
23 33 13 19-0170	EA	60" x 52" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	3,101.95	156.78
		For Dynamic Damper, Add	*1,420.76*	
		For 3 Hour Rated, Add	*789.31*	
23 33 13 19-0171	EA	60" x 56" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	3,221.25	163.45
		For Dynamic Damper, Add	*1,474.59*	
		For 3 Hour Rated, Add	*819.22*	
23 33 13 19-0172	EA	60" x 60" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	3,340.77	169.92
		For Dynamic Damper, Add	*1,528.53*	
		For 3 Hour Rated, Add	*849.18*	

23 33 13 19-0173 Smoke Damper *(23 33 13 19)*

Note: 1-1/2 hour rating, leakage class I with Firestat UL 555S air foil blades.

23 33 13 19-0174	EA	6" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	151.64	14.52
		For Dynamic Damper, Add	*58.36*	
		For 3 Hour Rated, Add	*32.42*	
23 33 13 19-0175	EA	8" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	156.32	15.17
		For Dynamic Damper, Add	*59.83*	
		For 3 Hour Rated, Add	*33.24*	
23 33 13 19-0176	EA	8" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	159.33	15.30
		For Dynamic Damper, Add	*61.31*	
		For 3 Hour Rated, Add	*34.06*	
23 33 13 19-0177	EA	10" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	159.33	15.30
		For Dynamic Damper, Add	*61.31*	
		For 3 Hour Rated, Add	*34.06*	
23 33 13 19-0178	EA	10" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	163.37	15.70
		For Dynamic Damper, Add	*62.79*	
		For 3 Hour Rated, Add	*34.88*	
23 33 13 19-0179	EA	10" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	174.06	17.40
		For Dynamic Damper, Add	*65.73*	
		For 3 Hour Rated, Add	*36.52*	
23 33 13 19-0180	EA	12" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	163.37	15.70
		For Dynamic Damper, Add	*62.79*	
		For 3 Hour Rated, Add	*34.88*	
23 33 13 19-0181	EA	12" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	171.44	16.61
		For Dynamic Damper, Add	*65.73*	
		For 3 Hour Rated, Add	*36.52*	
23 33 13 19-0182	EA	12" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	176.81	17.40
		For Dynamic Damper, Add	*67.22*	
		For 3 Hour Rated, Add	*37.34*	
23 33 13 19-0183	EA	12" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	186.08	19.62
		For Dynamic Damper, Add	*68.69*	
		For 3 Hour Rated, Add	*38.16*	
23 33 13 19-0184	EA	14" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	170.09	16.61
		For Dynamic Damper, Add	*65.01*	
		For 3 Hour Rated, Add	*36.11*	
23 33 13 19-0185	EA	14" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	176.81	17.40
		For Dynamic Damper, Add	*67.22*	
		For 3 Hour Rated, Add	*37.34*	
23 33 13 19-0186	EA	14" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	182.15	18.31
		For Dynamic Damper, Add	*68.69*	
		For 3 Hour Rated, Add	*38.16*	
23 33 13 19-0187	EA	14" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	188.83	19.62
		For Dynamic Damper, Add	*70.18*	
		For 3 Hour Rated, Add	*38.99*	
23 33 13 19-0188	EA	14" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	202.21	21.84
		For Dynamic Damper, Add	*73.87*	
		For 3 Hour Rated, Add	*41.04*	
23 33 13 19-0189	EA	16" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	276.46	17.40
		For Dynamic Damper, Add	*121.03*	
		For 3 Hour Rated, Add	*67.24*	
23 33 13 19-0190	EA	16" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	283.11	18.70
		For Dynamic Damper, Add	*122.50*	
		For 3 Hour Rated, Add	*68.06*	
23 33 13 19-0191	EA	16" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	291.09	20.53
		For Dynamic Damper, Add	*123.99*	
		For 3 Hour Rated, Add	*68.88*	
23 33 13 19-0192	EA	16" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	297.73	21.84
		For Dynamic Damper, Add	*125.45*	
		For 3 Hour Rated, Add	*69.70*	
23 33 13 19-0193	EA	16" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	311.15	23.93
		For Dynamic Damper, Add	*129.17*	
		For 3 Hour Rated, Add	*71.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0194	EA	16" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	324.53	26.16
		For Dynamic Damper, Add	*132.86*	
		For 3 Hour Rated, Add	*73.81*	
23 33 13 19-0195	EA	18" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	281.80	18.31
		For Dynamic Damper, Add	*122.50*	
		For 3 Hour Rated, Add	*68.06*	
23 33 13 19-0196	EA	18" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	289.84	19.62
		For Dynamic Damper, Add	*124.72*	
		For 3 Hour Rated, Add	*69.29*	
23 33 13 19-0197	EA	18" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	300.50	21.84
		For Dynamic Damper, Add	*126.95*	
		For 3 Hour Rated, Add	*70.53*	
23 33 13 19-0198	EA	18" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	313.88	23.93
		For Dynamic Damper, Add	*130.64*	
		For 3 Hour Rated, Add	*72.58*	
23 33 13 19-0199	EA	18" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	325.88	26.16
		For Dynamic Damper, Add	*133.59*	
		For 3 Hour Rated, Add	*74.22*	
23 33 13 19-0200	EA	18" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	339.27	28.25
		For Dynamic Damper, Add	*137.30*	
		For 3 Hour Rated, Add	*76.28*	
23 33 13 19-0201	EA	18" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	349.91	30.47
		For Dynamic Damper, Add	*139.51*	
		For 3 Hour Rated, Add	*77.51*	
23 33 13 19-0202	EA	20" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	288.48	19.62
		For Dynamic Damper, Add	*123.99*	
		For 3 Hour Rated, Add	*68.88*	
23 33 13 19-0203	EA	20" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	300.48	21.84
		For Dynamic Damper, Add	*126.94*	
		For 3 Hour Rated, Add	*70.52*	
23 33 13 19-0204	EA	20" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	312.51	23.93
		For Dynamic Damper, Add	*129.90*	
		For 3 Hour Rated, Add	*72.17*	
23 33 13 19-0205	EA	20" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	330.01	26.16
		For Dynamic Damper, Add	*135.82*	
		For 3 Hour Rated, Add	*75.46*	
23 33 13 19-0206	EA	20" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	340.64	28.25
		For Dynamic Damper, Add	*138.03*	
		For 3 Hour Rated, Add	*76.69*	
23 33 13 19-0207	EA	20" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	351.29	30.47
		For Dynamic Damper, Add	*140.25*	
		For 3 Hour Rated, Add	*77.92*	
23 33 13 19-0208	EA	20" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	363.29	32.70
		For Dynamic Damper, Add	*143.20*	
		For 3 Hour Rated, Add	*79.56*	
23 33 13 19-0209	EA	20" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	375.29	34.79
		For Dynamic Damper, Add	*146.15*	
		For 3 Hour Rated, Add	*81.20*	
23 33 13 19-0210	EA	24" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	382.93	21.84
		For Dynamic Damper, Add	*171.46*	
		For 3 Hour Rated, Add	*95.26*	
23 33 13 19-0211	EA	24" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	397.71	23.93
		For Dynamic Damper, Add	*175.91*	
		For 3 Hour Rated, Add	*97.73*	
23 33 13 19-0212	EA	24" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	409.73	26.16
		For Dynamic Damper, Add	*178.87*	
		For 3 Hour Rated, Add	*99.37*	
23 33 13 19-0213	EA	24" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	424.47	28.25
		For Dynamic Damper, Add	*183.30*	
		For 3 Hour Rated, Add	*101.84*	
23 33 13 19-0214	EA	24" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	435.11	30.47
		For Dynamic Damper, Add	*185.52*	
		For 3 Hour Rated, Add	*103.07*	
23 33 13 19-0215	EA	24" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	445.74	32.70
		For Dynamic Damper, Add	*187.73*	
		For 3 Hour Rated, Add	*104.29*	
23 33 13 19-0216	EA	24" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	460.49	34.79
		For Dynamic Damper, Add	*192.16*	
		For 3 Hour Rated, Add	*106.76*	
23 33 13 19-0217	EA	24" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	481.79	39.24
		For Dynamic Damper, Add	*196.59*	
		For 3 Hour Rated, Add	*109.22*	
23 33 13 19-0218	EA	24" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	505.83	43.56
		For Dynamic Damper, Add	*202.51*	
		For 3 Hour Rated, Add	*112.51*	
23 33 13 19-0219	EA	28" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	397.71	23.93
		For Dynamic Damper, Add	*175.91*	
		For 3 Hour Rated, Add	*97.73*	
23 33 13 19-0220	EA	28" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	409.73	26.16
		For Dynamic Damper, Add	*178.87*	
		For 3 Hour Rated, Add	*99.37*	
23 33 13 19-0221	EA	28" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	424.47	28.25
		For Dynamic Damper, Add	*183.30*	
		For 3 Hour Rated, Add	*101.84*	

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23 33 13 19-0222	EA	28" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	436.47	30.47
		For Dynamic Damper, Add	*186.25*	
		For 3 Hour Rated, Add	*103.47*	
23 33 13 19-0223	EA	28" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	449.84	32.70
		For Dynamic Damper, Add	*189.94*	
		For 3 Hour Rated, Add	*105.52*	
23 33 13 19-0224	EA	28" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	463.22	34.79
		For Dynamic Damper, Add	*193.63*	
		For 3 Hour Rated, Add	*107.57*	
23 33 13 19-0225	EA	28" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	484.52	39.24
		For Dynamic Damper, Add	*198.07*	
		For 3 Hour Rated, Add	*110.04*	
23 33 13 19-0226	EA	28" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	505.83	43.56
		For Dynamic Damper, Add	*202.51*	
		For 3 Hour Rated, Add	*112.51*	
23 33 13 19-0227	EA	28" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	528.78	45.79
		For Dynamic Damper, Add	*211.37*	
		For 3 Hour Rated, Add	*117.43*	
23 33 13 19-0228	EA	28" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	555.55	50.10
		For Dynamic Damper, Add	*218.76*	
		For 3 Hour Rated, Add	*121.54*	
23 33 13 19-0229	EA	32" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	417.94	26.16
		For Dynamic Damper, Add	*183.30*	
		For 3 Hour Rated, Add	*101.84*	
23 33 13 19-0230	EA	32" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	427.18	28.25
		For Dynamic Damper, Add	*184.77*	
		For 3 Hour Rated, Add	*102.65*	
23 33 13 19-0231	EA	32" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	436.47	30.47
		For Dynamic Damper, Add	*186.25*	
		For 3 Hour Rated, Add	*103.47*	
23 33 13 19-0232	EA	32" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	448.47	32.70
		For Dynamic Damper, Add	*189.20*	
		For 3 Hour Rated, Add	*105.11*	
23 33 13 19-0233	EA	32" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	463.74	34.79
		For Dynamic Damper, Add	*193.91*	
		For 3 Hour Rated, Add	*107.73*	
23 33 13 19-0234	EA	32" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	484.52	39.24
		For Dynamic Damper, Add	*198.07*	
		For 3 Hour Rated, Add	*110.04*	
23 33 13 19-0235	EA	32" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	508.56	43.56
		For Dynamic Damper, Add	*203.99*	
		For 3 Hour Rated, Add	*113.33*	
23 33 13 19-0236	EA	32" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	532.60	47.88
		For Dynamic Damper, Add	*209.90*	
		For 3 Hour Rated, Add	*116.61*	
23 33 13 19-0237	EA	32" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	555.55	50.10
		For Dynamic Damper, Add	*218.76*	
		For 3 Hour Rated, Add	*121.54*	
23 33 13 19-0238	EA	32" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	585.18	53.63
		For Dynamic Damper, Add	*229.12*	
		For 3 Hour Rated, Add	*127.29*	
23 33 13 19-0239	EA	32" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	616.22	56.64
		For Dynamic Damper, Add	*240.93*	
		For 3 Hour Rated, Add	*133.85*	
23 33 13 19-0240	EA	36" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	437.36	28.25
		For Dynamic Damper, Add	*190.26*	
		For 3 Hour Rated, Add	*105.70*	
23 33 13 19-0241	EA	36" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	449.62	30.47
		For Dynamic Damper, Add	*193.35*	
		For 3 Hour Rated, Add	*107.42*	
23 33 13 19-0242	EA	36" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	461.88	32.70
		For Dynamic Damper, Add	*196.44*	
		For 3 Hour Rated, Add	*109.13*	
23 33 13 19-0243	EA	36" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	477.03	34.79
		For Dynamic Damper, Add	*201.09*	
		For 3 Hour Rated, Add	*111.72*	
23 33 13 19-0244	EA	36" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	494.45	39.24
		For Dynamic Damper, Add	*203.43*	
		For 3 Hour Rated, Add	*113.02*	
23 33 13 19-0245	EA	36" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	505.29	41.34
		For Dynamic Damper, Add	*205.75*	
		For 3 Hour Rated, Add	*114.31*	
23 33 13 19-0246	EA	36" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	539.24	47.88
		For Dynamic Damper, Add	*213.49*	
		For 3 Hour Rated, Add	*118.61*	
23 33 13 19-0247	EA	36" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	566.63	52.33
		For Dynamic Damper, Add	*221.22*	
		For 3 Hour Rated, Add	*122.90*	
23 33 13 19-0248	EA	36" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	589.08	54.03
		For Dynamic Damper, Add	*230.52*	
		For 3 Hour Rated, Add	*128.06*	
23 33 13 19-0249	EA	36" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	623.77	57.95
		For Dynamic Damper, Add	*242.89*	
		For 3 Hour Rated, Add	*134.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0250	EA	36" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	653.00	60.96
		For Dynamic Damper, Add	*253.73*	
		For 3 Hour Rated, Add	*140.96*	
23 33 13 19-0251	EA	36" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	682.48	63.18
		For Dynamic Damper, Add	*266.12*	
		For 3 Hour Rated, Add	*147.84*	
23 33 13 19-0252	EA	40" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	506.54	32.70
		For Dynamic Damper, Add	*224.09*	
		For 3 Hour Rated, Add	*124.49*	
23 33 13 19-0253	EA	40" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	524.54	34.79
		For Dynamic Damper, Add	*230.28*	
		For 3 Hour Rated, Add	*127.93*	
23 33 13 19-0254	EA	40" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	533.95	37.01
		For Dynamic Damper, Add	*231.83*	
		For 3 Hour Rated, Add	*128.79*	
23 33 13 19-0255	EA	40" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	543.36	39.24
		For Dynamic Damper, Add	*233.38*	
		For 3 Hour Rated, Add	*129.65*	
23 33 13 19-0256	EA	40" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	566.50	41.34
		For Dynamic Damper, Add	*238.80*	
		For 3 Hour Rated, Add	*132.67*	
23 33 13 19-0257	EA	40" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	583.08	43.56
		For Dynamic Damper, Add	*244.23*	
		For 3 Hour Rated, Add	*135.68*	
23 33 13 19-0258	EA	40" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	614.16	50.10
		For Dynamic Damper, Add	*250.41*	
		For 3 Hour Rated, Add	*139.12*	
23 33 13 19-0259	EA	40" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	638.72	54.42
		For Dynamic Damper, Add	*256.61*	
		For 3 Hour Rated, Add	*142.56*	
23 33 13 19-0260	EA	40" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	666.38	57.95
		For Dynamic Damper, Add	*265.90*	
		For 3 Hour Rated, Add	*147.72*	
23 33 13 19-0261	EA	40" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	707.07	60.96
		For Dynamic Damper, Add	*282.93*	
		For 3 Hour Rated, Add	*157.18*	
23 33 13 19-0262	EA	40" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	734.71	64.49
		For Dynamic Damper, Add	*292.20*	
		For 3 Hour Rated, Add	*162.34*	
23 33 13 19-0263	EA	40" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	771.50	66.19
		For Dynamic Damper, Add	*309.24*	
		For 3 Hour Rated, Add	*171.80*	
23 33 13 19-0264	EA	40" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	810.65	69.72
		For Dynamic Damper, Add	*324.73*	
		For 3 Hour Rated, Add	*180.41*	
23 33 13 19-0265	EA	44" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	518.82	32.70
		For Dynamic Damper, Add	*227.19*	
		For 3 Hour Rated, Add	*126.22*	
23 33 13 19-0266	EA	44" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	536.82	34.79
		For Dynamic Damper, Add	*233.38*	
		For 3 Hour Rated, Add	*129.65*	
23 33 13 19-0267	EA	44" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	551.99	37.01
		For Dynamic Damper, Add	*238.04*	
		For 3 Hour Rated, Add	*132.24*	
23 33 13 19-0268	EA	44" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	561.41	39.24
		For Dynamic Damper, Add	*239.59*	
		For 3 Hour Rated, Add	*133.10*	
23 33 13 19-0269	EA	44" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	579.41	41.34
		For Dynamic Damper, Add	*245.78*	
		For 3 Hour Rated, Add	*136.54*	
23 33 13 19-0270	EA	44" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	597.41	43.56
		For Dynamic Damper, Add	*251.96*	
		For 3 Hour Rated, Add	*139.98*	
23 33 13 19-0271	EA	44" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	637.92	52.33
		For Dynamic Damper, Add	*259.71*	
		For 3 Hour Rated, Add	*144.29*	
23 33 13 19-0272	EA	44" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	665.31	56.64
		For Dynamic Damper, Add	*267.44*	
		For 3 Hour Rated, Add	*148.58*	
23 33 13 19-0273	EA	44" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	707.07	60.96
		For Dynamic Damper, Add	*282.93*	
		For 3 Hour Rated, Add	*157.18*	
23 33 13 19-0274	EA	44" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	745.97	65.41
		For Dynamic Damper, Add	*296.87*	
		For 3 Hour Rated, Add	*164.93*	
23 33 13 19-0275	EA	44" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	787.69	69.72
		For Dynamic Damper, Add	*312.33*	
		For 3 Hour Rated, Add	*173.52*	
23 33 13 19-0276	EA	44" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	820.04	71.81
		For Dynamic Damper, Add	*326.27*	
		For 3 Hour Rated, Add	*181.26*	
23 33 13 19-0277	EA	44" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	852.39	74.04
		For Dynamic Damper, Add	*340.21*	
		For 3 Hour Rated, Add	*189.00*	

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23 33 13 19-0278	EA	44" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	884.74	76.26
		For Dynamic Damper, Add	*354.14*	
		For 3 Hour Rated, Add	*196.75*	
23 33 13 19-0279	EA	48" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	533.95	34.79
		For Dynamic Damper, Add	*231.83*	
		For 3 Hour Rated, Add	*128.79*	
23 33 13 19-0280	EA	48" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	551.99	37.01
		For Dynamic Damper, Add	*238.04*	
		For 3 Hour Rated, Add	*132.24*	
23 33 13 19-0281	EA	48" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	561.41	39.24
		For Dynamic Damper, Add	*239.59*	
		For 3 Hour Rated, Add	*133.10*	
23 33 13 19-0282	EA	48" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	583.08	43.56
		For Dynamic Damper, Add	*244.23*	
		For 3 Hour Rated, Add	*135.68*	
23 33 13 19-0283	EA	48" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	607.62	47.88
		For Dynamic Damper, Add	*250.41*	
		For 3 Hour Rated, Add	*139.12*	
23 33 13 19-0284	EA	48" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	632.18	52.33
		For Dynamic Damper, Add	*256.61*	
		For 3 Hour Rated, Add	*142.56*	
23 33 13 19-0285	EA	48" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	662.46	56.64
		For Dynamic Damper, Add	*265.90*	
		For 3 Hour Rated, Add	*147.72*	
23 33 13 19-0286	EA	48" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	692.72	60.96
		For Dynamic Damper, Add	*275.18*	
		For 3 Hour Rated, Add	*152.88*	
23 33 13 19-0287	EA	48" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	731.62	65.41
		For Dynamic Damper, Add	*289.12*	
		For 3 Hour Rated, Add	*160.62*	
23 33 13 19-0288	EA	48" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	776.23	69.72
		For Dynamic Damper, Add	*306.14*	
		For 3 Hour Rated, Add	*170.08*	
23 33 13 19-0289	EA	48" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	808.60	71.81
		For Dynamic Damper, Add	*320.09*	
		For 3 Hour Rated, Add	*177.83*	
23 33 13 19-0290	EA	48" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	849.52	74.04
		For Dynamic Damper, Add	*338.66*	
		For 3 Hour Rated, Add	*188.14*	
23 33 13 19-0291	EA	48" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	888.41	78.35
		For Dynamic Damper, Add	*352.59*	
		For 3 Hour Rated, Add	*195.89*	
23 33 13 19-0292	EA	48" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	929.35	80.58
		For Dynamic Damper, Add	*371.17*	
		For 3 Hour Rated, Add	*206.21*	
23 33 13 19-0293	EA	48" x 48" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	971.90	87.12
		For Dynamic Damper, Add	*383.56*	
		For 3 Hour Rated, Add	*213.09*	
23 33 13 19-0294	EA	52" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	549.12	37.01
		For Dynamic Damper, Add	*236.49*	
		For 3 Hour Rated, Add	*131.38*	
23 33 13 19-0295	EA	52" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	567.13	39.24
		For Dynamic Damper, Add	*242.68*	
		For 3 Hour Rated, Add	*134.82*	
23 33 13 19-0296	EA	52" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	591.67	43.56
		For Dynamic Damper, Add	*248.86*	
		For 3 Hour Rated, Add	*138.26*	
23 33 13 19-0297	EA	52" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	607.62	47.88
		For Dynamic Damper, Add	*250.41*	
		For 3 Hour Rated, Add	*139.12*	
23 33 13 19-0298	EA	52" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	633.62	52.33
		For Dynamic Damper, Add	*257.39*	
		For 3 Hour Rated, Add	*143.00*	
23 33 13 19-0299	EA	52" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	659.59	56.64
		For Dynamic Damper, Add	*264.35*	
		For 3 Hour Rated, Add	*146.86*	
23 33 13 19-0300	EA	52" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	689.87	60.96
		For Dynamic Damper, Add	*273.64*	
		For 3 Hour Rated, Add	*152.02*	
23 33 13 19-0301	EA	52" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	720.16	65.41
		For Dynamic Damper, Add	*282.93*	
		For 3 Hour Rated, Add	*157.18*	
23 33 13 19-0302	EA	52" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	759.05	69.72
		For Dynamic Damper, Add	*296.87*	
		For 3 Hour Rated, Add	*164.93*	
23 33 13 19-0303	EA	52" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	806.51	74.04
		For Dynamic Damper, Add	*315.43*	
		For 3 Hour Rated, Add	*175.24*	
23 33 13 19-0304	EA	52" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	841.71	76.26
		For Dynamic Damper, Add	*330.91*	
		For 3 Hour Rated, Add	*183.84*	
23 33 13 19-0305	EA	52" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	885.54	78.35
		For Dynamic Damper, Add	*351.04*	
		For 3 Hour Rated, Add	*195.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0306	EA	52" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	933.00	82.80
		For Dynamic Damper, Add	*369.61*	
		For 3 Hour Rated, Add	*205.34*	
23 33 13 19-0307	EA	52" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	971.90	87.12
		For Dynamic Damper, Add	*383.56*	
		For 3 Hour Rated, Add	*213.09*	
23 33 13 19-0308	EA	52" x 48" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,025.92	93.66
		For Dynamic Damper, Add	*402.13*	
		For 3 Hour Rated, Add	*223.40*	
23 33 13 19-0309	EA	52" x 52" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,067.68	97.97
		For Dynamic Damper, Add	*417.61*	
		For 3 Hour Rated, Add	*232.01*	
23 33 13 19-0310	EA	56" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	561.41	39.24
		For Dynamic Damper, Add	*239.59*	
		For 3 Hour Rated, Add	*133.10*	
23 33 13 19-0311	EA	56" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	588.80	43.56
		For Dynamic Damper, Add	*247.31*	
		For 3 Hour Rated, Add	*137.40*	
23 33 13 19-0312	EA	56" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	610.49	47.88
		For Dynamic Damper, Add	*251.96*	
		For 3 Hour Rated, Add	*139.98*	
23 33 13 19-0313	EA	56" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	626.42	52.33
		For Dynamic Damper, Add	*253.50*	
		For 3 Hour Rated, Add	*140.84*	
23 33 13 19-0314	EA	56" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	655.29	56.64
		For Dynamic Damper, Add	*262.03*	
		For 3 Hour Rated, Add	*145.57*	
23 33 13 19-0315	EA	56" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	684.13	60.96
		For Dynamic Damper, Add	*270.54*	
		For 3 Hour Rated, Add	*150.30*	
23 33 13 19-0316	EA	56" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	712.98	65.41
		For Dynamic Damper, Add	*279.05*	
		For 3 Hour Rated, Add	*155.03*	
23 33 13 19-0317	EA	56" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	741.83	69.72
		For Dynamic Damper, Add	*287.57*	
		For 3 Hour Rated, Add	*159.76*	
23 33 13 19-0318	EA	56" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	789.31	74.04
		For Dynamic Damper, Add	*306.14*	
		For 3 Hour Rated, Add	*170.08*	
23 33 13 19-0319	EA	56" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	830.27	76.26
		For Dynamic Damper, Add	*324.73*	
		For 3 Hour Rated, Add	*180.41*	
23 33 13 19-0320	EA	56" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	868.34	78.35
		For Dynamic Damper, Add	*341.76*	
		For 3 Hour Rated, Add	*189.86*	
23 33 13 19-0321	EA	56" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	921.56	82.80
		For Dynamic Damper, Add	*363.43*	
		For 3 Hour Rated, Add	*201.91*	
23 33 13 19-0322	EA	56" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	969.03	87.12
		For Dynamic Damper, Add	*382.01*	
		For 3 Hour Rated, Add	*212.23*	
23 33 13 19-0323	EA	56" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,019.38	91.43
		For Dynamic Damper, Add	*402.13*	
		For 3 Hour Rated, Add	*223.40*	
23 33 13 19-0324	EA	56" x 48" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,061.14	95.88
		For Dynamic Damper, Add	*417.61*	
		For 3 Hour Rated, Add	*232.01*	
23 33 13 19-0325	EA	56" x 52" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,111.49	100.20
		For Dynamic Damper, Add	*437.74*	
		For 3 Hour Rated, Add	*243.19*	
23 33 13 19-0326	EA	56" x 56" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,161.84	104.51
		For Dynamic Damper, Add	*457.87*	
		For 3 Hour Rated, Add	*254.37*	
23 33 13 19-0327	EA	60" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	583.08	43.56
		For Dynamic Damper, Add	*244.23*	
		For 3 Hour Rated, Add	*135.68*	
23 33 13 19-0328	EA	60" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	610.49	47.88
		For Dynamic Damper, Add	*251.96*	
		For 3 Hour Rated, Add	*139.98*	
23 33 13 19-0329	EA	60" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	629.29	52.33
		For Dynamic Damper, Add	*255.05*	
		For 3 Hour Rated, Add	*141.70*	
23 33 13 19-0330	EA	60" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	645.26	56.64
		For Dynamic Damper, Add	*256.61*	
		For 3 Hour Rated, Add	*142.56*	
23 33 13 19-0331	EA	60" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	675.54	60.96
		For Dynamic Damper, Add	*265.90*	
		For 3 Hour Rated, Add	*147.72*	
23 33 13 19-0332	EA	60" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	705.81	65.41
		For Dynamic Damper, Add	*275.18*	
		For 3 Hour Rated, Add	*152.88*	
23 33 13 19-0333	EA	60" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	737.52	69.72
		For Dynamic Damper, Add	*285.24*	
		For 3 Hour Rated, Add	*158.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0334	EA	60" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	769.24	74.04
		For Dynamic Damper, Add	*295.30*	
		For 3 Hour Rated, Add	*164.06*	
23 33 13 19-0335	EA	60" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	813.05	76.26
		For Dynamic Damper, Add	*315.43*	
		For 3 Hour Rated, Add	*175.24*	
23 33 13 19-0336	EA	60" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	853.99	78.35
		For Dynamic Damper, Add	*334.01*	
		For 3 Hour Rated, Add	*185.56*	
23 33 13 19-0337	EA	60" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	904.36	82.80
		For Dynamic Damper, Add	*354.14*	
		For 3 Hour Rated, Add	*196.75*	
23 33 13 19-0338	EA	60" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	954.70	87.12
		For Dynamic Damper, Add	*374.27*	
		For 3 Hour Rated, Add	*207.93*	
23 33 13 19-0339	EA	60" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	996.44	91.43
		For Dynamic Damper, Add	*389.74*	
		For 3 Hour Rated, Add	*216.52*	
23 33 13 19-0340	EA	60" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,055.38	95.88
		For Dynamic Damper, Add	*414.50*	
		For 3 Hour Rated, Add	*230.28*	
23 33 13 19-0341	EA	60" x 48" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,108.60	100.20
		For Dynamic Damper, Add	*436.18*	
		For 3 Hour Rated, Add	*242.32*	
23 33 13 19-0342	EA	60" x 52" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,161.84	104.51
		For Dynamic Damper, Add	*457.87*	
		For 3 Hour Rated, Add	*254.37*	
23 33 13 19-0343	EA	60" x 56" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,209.28	108.96
		For Dynamic Damper, Add	*476.42*	
		For 3 Hour Rated, Add	*264.68*	
23 33 13 19-0344	EA	60" x 60" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,256.80	113.28
		For Dynamic Damper, Add	*495.02*	
		For 3 Hour Rated, Add	*275.01*	

23 33 13 23 Backdraft Dampers *(23 33 13)*

23 33 13 23-0001 Horizontally Mounted Backdraft Damper *(23 33 13 23)*

Note: Galvanized steel frame, aluminum blades. Exclude motor pack.

23 33 13 23-0002	EA	6" x 6" Horizontally Mounted Backdraft Damper	110.58	14.52
23 33 13 23-0003	EA	8" x 6" Horizontally Mounted Backdraft Damper	134.87	15.17
23 33 13 23-0004	EA	8" x 8" Horizontally Mounted Backdraft Damper	164.91	15.30
23 33 13 23-0005	EA	10" x 6" Horizontally Mounted Backdraft Damper	157.48	15.30
23 33 13 23-0006	EA	10" x 8" Horizontally Mounted Backdraft Damper	149.92	15.70
23 33 13 23-0007	EA	10" x 10" Horizontally Mounted Backdraft Damper	180.86	17.40
23 33 13 23-0008	EA	12" x 6" Horizontally Mounted Backdraft Damper	139.64	15.70
23 33 13 23-0009	EA	12" x 8" Horizontally Mounted Backdraft Damper	175.71	17.40
23 33 13 23-0010	EA	12" x 10" Horizontally Mounted Backdraft Damper	167.26	18.31
23 33 13 23-0011	EA	12" x 12" Horizontally Mounted Backdraft Damper	193.67	19.62
23 33 13 23-0012	EA	14" x 6" Horizontally Mounted Backdraft Damper	157.67	16.61
23 33 13 23-0013	EA	14" x 8" Horizontally Mounted Backdraft Damper	159.77	18.31
23 33 13 23-0014	EA	14" x 10" Horizontally Mounted Backdraft Damper	189.93	19.62
23 33 13 23-0015	EA	14" x 12" Horizontally Mounted Backdraft Damper	166.22	21.84
23 33 13 23-0016	EA	14" x 14" Horizontally Mounted Backdraft Damper	189.57	23.93
23 33 13 23-0017	EA	16" x 6" Horizontally Mounted Backdraft Damper	175.71	17.40
23 33 13 23-0018	EA	16" x 8" Horizontally Mounted Backdraft Damper	178.68	19.62
23 33 13 23-0019	EA	16" x 10" Horizontally Mounted Backdraft Damper	161.43	21.84
23 33 13 23-0020	EA	16" x 12" Horizontally Mounted Backdraft Damper	180.61	21.84
23 33 13 23-0021	EA	16" x 14" Horizontally Mounted Backdraft Damper	206.37	23.93
23 33 13 23-0022	EA	16" x 16" Horizontally Mounted Backdraft Damper	232.09	26.16
23 33 13 23-0023	EA	18" x 6" Horizontally Mounted Backdraft Damper	156.04	18.31
23 33 13 23-0024	EA	18" x 8" Horizontally Mounted Backdraft Damper	145.26	19.62
23 33 13 23-0025	EA	18" x 10" Horizontally Mounted Backdraft Damper	173.40	21.84
23 33 13 23-0026	EA	18" x 12" Horizontally Mounted Backdraft Damper	201.54	23.93
23 33 13 23-0027	EA	18" x 14" Horizontally Mounted Backdraft Damper	229.68	26.16
23 33 13 23-0028	EA	18" x 16" Horizontally Mounted Backdraft Damper	263.36	28.25
23 33 13 23-0029	EA	18" x 18" Horizontally Mounted Backdraft Damper	298.73	32.70
23 33 13 23-0030	EA	18" x 20" Horizontally Mounted Backdraft Damper	239.84	34.79
23 33 13 23-0031	EA	18" x 24" Horizontally Mounted Backdraft Damper	279.95	39.24
23 33 13 23-0032	EA	20" x 6" Horizontally Mounted Backdraft Damper	171.19	19.62
23 33 13 23-0033	EA	20" x 8" Horizontally Mounted Backdraft Damper	161.43	21.84
23 33 13 23-0034	EA	20" x 10" Horizontally Mounted Backdraft Damper	191.95	23.93
23 33 13 23-0035	EA	20" x 12" Horizontally Mounted Backdraft Damper	222.50	26.16
23 33 13 23-0036	EA	20" x 14" Horizontally Mounted Backdraft Damper	258.40	28.25
23 33 13 23-0037	EA	20" x 16" Horizontally Mounted Backdraft Damper	289.71	30.47
23 33 13 23-0038	EA	20" x 18" Horizontally Mounted Backdraft Damper	239.84	34.79
23 33 13 23-0039	EA	20" x 20" Horizontally Mounted Backdraft Damper	254.86	34.79
23 33 13 23-0040	EA	20" x 24" Horizontally Mounted Backdraft Damper	297.98	39.24
23 33 13 23-0041	EA	20" x 28" Horizontally Mounted Backdraft Damper	341.09	43.56
23 33 13 23-0042	EA	20" x 32" Horizontally Mounted Backdraft Damper	315.55	47.88
23 33 13 23-0043	EA	20" x 36" Horizontally Mounted Backdraft Damper	350.07	52.33
23 33 13 23-0044	EA	24" x 6" Horizontally Mounted Backdraft Damper	151.80	21.84
23 33 13 23-0045	EA	24" x 8" Horizontally Mounted Backdraft Damper	187.15	23.93

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 23-0046	EA	24" x 10" Horizontally Mounted Backdraft Damper	222.50	26.16
23 33 13 23-0047	EA	24" x 12" Horizontally Mounted Backdraft Damper	263.36	28.25
23 33 13 23-0048	EA	24" x 14" Horizontally Mounted Backdraft Damper	224.27	32.70
23 33 13 23-0049	EA	24" x 16" Horizontally Mounted Backdraft Damper	248.84	34.79
23 33 13 23-0050	EA	24" x 18" Horizontally Mounted Backdraft Damper	279.95	39.24
23 33 13 23-0051	EA	24" x 20" Horizontally Mounted Backdraft Damper	297.98	39.24
23 33 13 23-0052	EA	24" x 24" Horizontally Mounted Backdraft Damper	347.11	43.56
23 33 13 23-0053	EA	24" x 28" Horizontally Mounted Backdraft Damper	324.11	47.88
23 33 13 23-0054	EA	24" x 32" Horizontally Mounted Backdraft Damper	362.96	52.33
23 33 13 23-0055	EA	24" x 36" Horizontally Mounted Backdraft Damper	401.77	56.64
23 33 13 23-0056	EA	24" x 40" Horizontally Mounted Backdraft Damper	389.12	60.96
23 33 13 23-0057	EA	24" x 44" Horizontally Mounted Backdraft Damper	422.80	65.41
23 33 13 23-0058	EA	24" x 48" Horizontally Mounted Backdraft Damper	443.40	65.41
23 33 13 23-0059	EA	28" x 6" Horizontally Mounted Backdraft Damper	166.22	21.84
23 33 13 23-0060	EA	28" x 8" Horizontally Mounted Backdraft Damper	206.37	23.93
23 33 13 23-0061	EA	28" x 10" Horizontally Mounted Backdraft Damper	258.40	28.25
23 33 13 23-0062	EA	28" x 12" Horizontally Mounted Backdraft Damper	224.27	32.70
23 33 13 23-0063	EA	28" x 14" Horizontally Mounted Backdraft Damper	251.85	34.79
23 33 13 23-0064	EA	28" x 16" Horizontally Mounted Backdraft Damper	285.97	39.24
23 33 13 23-0065	EA	28" x 18" Horizontally Mounted Backdraft Damper	320.09	43.56
23 33 13 23-0066	EA	28" x 20" Horizontally Mounted Backdraft Damper	341.09	43.56
23 33 13 23-0067	EA	28" x 24" Horizontally Mounted Backdraft Damper	324.11	47.88
23 33 13 23-0068	EA	28" x 28" Horizontally Mounted Backdraft Damper	367.25	52.33
23 33 13 23-0069	EA	28" x 32" Horizontally Mounted Backdraft Damper	410.36	56.64
23 33 13 23-0070	EA	28" x 36" Horizontally Mounted Backdraft Damper	412.49	65.41
23 33 13 23-0071	EA	28" x 40" Horizontally Mounted Backdraft Damper	436.53	65.41
23 33 13 23-0072	EA	28" x 44" Horizontally Mounted Backdraft Damper	473.62	69.72
23 33 13 23-0073	EA	28" x 48" Horizontally Mounted Backdraft Damper	510.75	74.04
23 33 13 23-0074	EA	28" x 52" Horizontally Mounted Backdraft Damper	534.79	74.04
23 33 13 23-0075	EA	28" x 56" Horizontally Mounted Backdraft Damper	529.85	78.35
23 33 13 23-0076	EA	28" x 60" Horizontally Mounted Backdraft Damper	550.85	78.35
23 33 13 23-0077	EA	32" x 6" Horizontally Mounted Backdraft Damper	187.15	23.93
23 33 13 23-0078	EA	32" x 8" Horizontally Mounted Backdraft Damper	243.55	28.25
23 33 13 23-0079	EA	32" x 10" Horizontally Mounted Backdraft Damper	289.71	30.47
23 33 13 23-0080	EA	32" x 12" Horizontally Mounted Backdraft Damper	248.84	34.79
23 33 13 23-0081	EA	32" x 14" Horizontally Mounted Backdraft Damper	285.97	39.24
23 33 13 23-0082	EA	32" x 16" Horizontally Mounted Backdraft Damper	323.07	43.56
23 33 13 23-0083	EA	32" x 18" Horizontally Mounted Backdraft Damper	285.29	43.56
23 33 13 23-0084	EA	32" x 20" Horizontally Mounted Backdraft Damper	315.55	47.88
23 33 13 23-0085	EA	32" x 24" Horizontally Mounted Backdraft Damper	362.96	52.33
23 33 13 23-0086	EA	32" x 28" Horizontally Mounted Backdraft Damper	410.36	56.64
23 33 13 23-0087	EA	32" x 32" Horizontally Mounted Backdraft Damper	415.94	65.41
23 33 13 23-0088	EA	32" x 36" Horizontally Mounted Backdraft Damper	443.40	65.41
23 33 13 23-0089	EA	32" x 40" Horizontally Mounted Backdraft Damper	483.94	69.72
23 33 13 23-0090	EA	32" x 44" Horizontally Mounted Backdraft Damper	524.48	74.04
23 33 13 23-0091	EA	32" x 48" Horizontally Mounted Backdraft Damper	523.83	78.35
23 33 13 23-0092	EA	32" x 52" Horizontally Mounted Backdraft Damper	547.87	78.35
23 33 13 23-0093	EA	32" x 56" Horizontally Mounted Backdraft Damper	584.96	82.80
23 33 13 23-0094	EA	32" x 60" Horizontally Mounted Backdraft Damper	609.01	82.80
23 33 13 23-0095	EA	32" x 64" Horizontally Mounted Backdraft Damper	591.17	87.12
23 33 13 23-0096	EA	32" x 68" Horizontally Mounted Backdraft Damper	611.76	87.12
23 33 13 23-0097	EA	32" x 72" Horizontally Mounted Backdraft Damper	645.45	91.43
23 33 13 23-0098	EA	36" x 6" Horizontally Mounted Backdraft Damper	201.54	23.93
23 33 13 23-0099	EA	36" x 8" Horizontally Mounted Backdraft Damper	269.90	30.47
23 33 13 23-0100	EA	36" x 10" Horizontally Mounted Backdraft Damper	239.84	34.79
23 33 13 23-0101	EA	36" x 12" Horizontally Mounted Backdraft Damper	279.95	39.24
23 33 13 23-0102	EA	36" x 14" Horizontally Mounted Backdraft Damper	320.09	43.56
23 33 13 23-0103	EA	36" x 16" Horizontally Mounted Backdraft Damper	285.29	43.56
23 33 13 23-0104	EA	36" x 18" Horizontally Mounted Backdraft Damper	317.68	47.88
23 33 13 23-0105	EA	36" x 20" Horizontally Mounted Backdraft Damper	350.07	52.33
23 33 13 23-0106	EA	36" x 24" Horizontally Mounted Backdraft Damper	401.77	56.64
23 33 13 23-0107	EA	36" x 28" Horizontally Mounted Backdraft Damper	412.49	65.41
23 33 13 23-0108	EA	36" x 32" Horizontally Mounted Backdraft Damper	443.40	65.41
23 33 13 23-0109	EA	36" x 36" Horizontally Mounted Backdraft Damper	487.35	69.72
23 33 13 23-0110	EA	36" x 40" Horizontally Mounted Backdraft Damper	531.34	74.04
23 33 13 23-0111	EA	36" x 44" Horizontally Mounted Backdraft Damper	532.82	78.35
23 33 13 23-0112	EA	36" x 48" Horizontally Mounted Backdraft Damper	572.96	82.80
23 33 13 23-0113	EA	36" x 52" Horizontally Mounted Backdraft Damper	599.98	82.80
23 33 13 23-0114	EA	36" x 56" Horizontally Mounted Backdraft Damper	586.03	87.12
23 33 13 23-0115	EA	36" x 60" Horizontally Mounted Backdraft Damper	609.19	87.12
23 33 13 23-0116	EA	36" x 64" Horizontally Mounted Backdraft Damper	645.45	91.43
23 33 13 23-0117	EA	36" x 68" Horizontally Mounted Backdraft Damper	668.62	91.43
23 33 13 23-0118	EA	36" x 72" Horizontally Mounted Backdraft Damper	691.81	91.43
23 33 13 23-0119	EA	40" x 6" Horizontally Mounted Backdraft Damper	222.50	26.16
23 33 13 23-0120	EA	40" x 8" Horizontally Mounted Backdraft Damper	296.25	32.70
23 33 13 23-0121	EA	40" x 10" Horizontally Mounted Backdraft Damper	254.86	34.79
23 33 13 23-0122	EA	40" x 12" Horizontally Mounted Backdraft Damper	297.98	39.24
23 33 13 23-0123	EA	40" x 14" Horizontally Mounted Backdraft Damper	341.09	43.56
23 33 13 23-0124	EA	40" x 16" Horizontally Mounted Backdraft Damper	315.55	47.88
23 33 13 23-0125	EA	40" x 18" Horizontally Mounted Backdraft Damper	350.07	52.33
23 33 13 23-0126	EA	40" x 20" Horizontally Mounted Backdraft Damper	384.59	56.64

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 23-0127	EA	40" x 24" Horizontally Mounted Backdraft Damper	389.12	60.96
23 33 13 23-0128	EA	40" x 28" Horizontally Mounted Backdraft Damper	436.53	65.41
23 33 13 23-0129	EA	40" x 32" Horizontally Mounted Backdraft Damper	483.94	69.72
23 33 13 23-0130	EA	40" x 36" Horizontally Mounted Backdraft Damper	531.34	74.04
23 33 13 23-0131	EA	40" x 40" Horizontally Mounted Backdraft Damper	535.83	78.35
23 33 13 23-0132	EA	40" x 44" Horizontally Mounted Backdraft Damper	578.95	82.80
23 33 13 23-0133	EA	40" x 48" Horizontally Mounted Backdraft Damper	609.01	82.80
23 33 13 23-0134	EA	40" x 50" Horizontally Mounted Backdraft Damper	583.46	87.12
23 33 13 23-0135	EA	44" x 6" Horizontally Mounted Backdraft Damper	248.50	28.25
23 33 13 23-0136	EA	44" x 8" Horizontally Mounted Backdraft Damper	236.83	34.79
23 33 13 23-0137	EA	44" x 10" Horizontally Mounted Backdraft Damper	282.96	39.24
23 33 13 23-0138	EA	44" x 12" Horizontally Mounted Backdraft Damper	329.08	43.56
23 33 13 23-0139	EA	44" x 14" Horizontally Mounted Backdraft Damper	309.09	47.88
23 33 13 23-0140	EA	44" x 16" Horizontally Mounted Backdraft Damper	345.78	52.33
23 33 13 23-0141	EA	44" x 18" Horizontally Mounted Backdraft Damper	369.38	52.33
23 33 13 23-0142	EA	44" x 20" Horizontally Mounted Backdraft Damper	406.07	56.64
23 33 13 23-0143	EA	44" x 24" Horizontally Mounted Backdraft Damper	422.80	65.41
23 33 13 23-0144	EA	44" x 28" Horizontally Mounted Backdraft Damper	473.62	69.72
23 33 13 23-0145	EA	44" x 32" Horizontally Mounted Backdraft Damper	524.48	74.04
23 33 13 23-0146	EA	44" x 36" Horizontally Mounted Backdraft Damper	532.82	78.35
23 33 13 23-0147	EA	44" x 40" Horizontally Mounted Backdraft Damper	578.95	82.80
23 33 13 23-0148	EA	44" x 44" Horizontally Mounted Backdraft Damper	611.99	82.80
23 33 13 23-0149	EA	44" x 48" Horizontally Mounted Backdraft Damper	601.48	87.12
23 33 13 23-0150	EA	44" x 50" Horizontally Mounted Backdraft Damper	615.62	87.12
23 33 13 23-0151	EA	48" x 6" Horizontally Mounted Backdraft Damper	269.90	30.47
23 33 13 23-0152	EA	48" x 8" Horizontally Mounted Backdraft Damper	248.84	34.79
23 33 13 23-0153	EA	48" x 10" Horizontally Mounted Backdraft Damper	297.98	39.24
23 33 13 23-0154	EA	48" x 12" Horizontally Mounted Backdraft Damper	285.29	43.56
23 33 13 23-0155	EA	48" x 14" Horizontally Mounted Backdraft Damper	324.11	47.88
23 33 13 23-0156	EA	48" x 16" Horizontally Mounted Backdraft Damper	362.96	52.33
23 33 13 23-0157	EA	48" x 18" Horizontally Mounted Backdraft Damper	401.77	56.64
23 33 13 23-0158	EA	48" x 20" Horizontally Mounted Backdraft Damper	389.12	60.96
23 33 13 23-0159	EA	48" x 24" Horizontally Mounted Backdraft Damper	443.40	65.41
23 33 13 23-0160	EA	48" x 28" Horizontally Mounted Backdraft Damper	510.75	74.04
23 33 13 23-0161	EA	48" x 32" Horizontally Mounted Backdraft Damper	523.83	78.35
23 33 13 23-0162	EA	48" x 36" Horizontally Mounted Backdraft Damper	572.96	82.80
23 33 13 23-0163	EA	48" x 40" Horizontally Mounted Backdraft Damper	609.01	82.80
23 33 13 23-0164	EA	48" x 44" Horizontally Mounted Backdraft Damper	601.48	87.12
23 33 13 23-0165	EA	48" x 48" Horizontally Mounted Backdraft Damper	645.45	91.43
23 33 13 23-0166	EA	48" x 50" Horizontally Mounted Backdraft Damper	660.90	91.43
23 33 13 23-0167	EA	50" x 6" Horizontally Mounted Backdraft Damper	277.33	30.47
23 33 13 23-0168	EA	50" x 8" Horizontally Mounted Backdraft Damper	267.95	39.24
23 33 13 23-0169	EA	50" x 10" Horizontally Mounted Backdraft Damper	318.58	43.56
23 33 13 23-0170	EA	50" x 12" Horizontally Mounted Backdraft Damper	304.80	47.88
23 33 13 23-0171	EA	50" x 14" Horizontally Mounted Backdraft Damper	344.71	52.33
23 33 13 23-0172	EA	50" x 16" Horizontally Mounted Backdraft Damper	384.59	56.64
23 33 13 23-0173	EA	50" x 18" Horizontally Mounted Backdraft Damper	424.51	60.96
23 33 13 23-0174	EA	50" x 20" Horizontally Mounted Backdraft Damper	410.76	65.41
23 33 13 23-0175	EA	50" x 24" Horizontally Mounted Backdraft Damper	466.76	69.72
23 33 13 23-0176	EA	50" x 28" Horizontally Mounted Backdraft Damper	522.75	74.04
23 33 13 23-0177	EA	50" x 32" Horizontally Mounted Backdraft Damper	535.83	78.35
23 33 13 23-0178	EA	50" x 36" Horizontally Mounted Backdraft Damper	586.47	82.80
23 33 13 23-0179	EA	50" x 40" Horizontally Mounted Backdraft Damper	583.46	87.12
23 33 13 23-0180	EA	50" x 44" Horizontally Mounted Backdraft Damper	615.62	87.12
23 33 13 23-0181	EA	50" x 48" Horizontally Mounted Backdraft Damper	660.90	91.43
23 33 13 23-0182	EA	50" x 50" Horizontally Mounted Backdraft Damper	676.99	91.43

23 33 13 23-0183 Vertically Mounted Backdraft Damper *(23 33 13 23)*

Note: Galvanized steel frame, aluminum blades. Excludes motor pack.

23 33 13 23-0184	EA	6" x 6" Vertically Mounted Backdraft Damper	120.74	14.52
23 33 13 23-0185	EA	8" x 6" Vertically Mounted Backdraft Damper	148.44	15.17
23 33 13 23-0186	EA	10" x 6" Vertically Mounted Backdraft Damper	153.00	15.30
23 33 13 23-0187	EA	8" x 8" Vertically Mounted Backdraft Damper	160.15	15.30
23 33 13 23-0188	EA	12" x 6" Vertically Mounted Backdraft Damper	175.75	15.70
23 33 13 23-0189	EA	10" x 8" Vertically Mounted Backdraft Damper	195.28	17.40
23 33 13 23-0190	EA	14" x 6" Vertically Mounted Backdraft Damper	197.19	15.70
23 33 13 23-0191	EA	12" x 8" Vertically Mounted Backdraft Damper	223.86	17.40
23 33 13 23-0192	EA	16" x 6" Vertically Mounted Backdraft Damper	226.47	18.31
23 33 13 23-0193	EA	10" x 10" Vertically Mounted Backdraft Damper	237.55	19.62
23 33 13 23-0194	EA	18" x 6" Vertically Mounted Backdraft Damper	190.77	16.61
23 33 13 23-0195	EA	14" x 8" Vertically Mounted Backdraft Damper	201.24	18.31
23 33 13 23-0196	EA	12" x 10" Vertically Mounted Backdraft Damper	215.61	19.62
23 33 13 23-0197	EA	20" x 6" Vertically Mounted Backdraft Damper	222.15	21.84
23 33 13 23-0198	EA	16" x 8" Vertically Mounted Backdraft Damper	239.13	23.93
23 33 13 23-0199	EA	14" x 10" Vertically Mounted Backdraft Damper	235.18	17.40
23 33 13 23-0200	EA	12" x 12" Vertically Mounted Backdraft Damper	246.96	19.62
23 33 13 23-0201	EA	18" x 8" Vertically Mounted Backdraft Damper	215.13	21.84
23 33 13 23-0202	EA	24" x 6" Vertically Mounted Backdraft Damper	215.13	21.84
23 33 13 23-0203	EA	16" x 10" Vertically Mounted Backdraft Damper	238.28	23.93
23 33 13 23-0204	EA	20" x 8" Vertically Mounted Backdraft Damper	244.82	26.16

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 23-0205	EA	14" x 12" Vertically Mounted Backdraft Damper	229.58	18.31
23 33 13 23-0206	EA	28" x 6" Vertically Mounted Backdraft Damper	233.51	19.62
23 33 13 23-0207	EA	18" x 10" Vertically Mounted Backdraft Damper	252.52	21.84
23 33 13 23-0208	EA	16" x 12" Vertically Mounted Backdraft Damper	271.54	23.93
23 33 13 23-0209	EA	24" x 8" Vertically Mounted Backdraft Damper	278.08	26.16
23 33 13 23-0210	EA	32" x 6" Vertically Mounted Backdraft Damper	284.61	28.25
23 33 13 23-0211	EA	14" x 14" Vertically Mounted Backdraft Damper	301.86	32.70
23 33 13 23-0212	EA	20" x 10" Vertically Mounted Backdraft Damper	298.12	34.79
23 33 13 23-0213	EA	18" x 12" Vertically Mounted Backdraft Damper	326.69	39.24
23 33 13 23-0214	EA	36" x 6" Vertically Mounted Backdraft Damper	267.83	19.62
23 33 13 23-0215	EA	16" x 14" Vertically Mounted Backdraft Damper	282.12	21.84
23 33 13 23-0216	EA	28" x 8" Vertically Mounted Backdraft Damper	288.66	23.93
23 33 13 23-0217	EA	20" x 12" Vertically Mounted Backdraft Damper	310.65	26.16
23 33 13 23-0218	EA	24" x 10" Vertically Mounted Backdraft Damper	317.18	28.25
23 33 13 23-0219	EA	40" x 6" Vertically Mounted Backdraft Damper	323.72	30.47
23 33 13 23-0220	EA	18" x 14" Vertically Mounted Backdraft Damper	348.43	34.79
23 33 13 23-0221	EA	16" x 16" Vertically Mounted Backdraft Damper	352.29	34.79
23 33 13 23-0222	EA	32" x 8" Vertically Mounted Backdraft Damper	365.38	39.24
23 33 13 23-0223	EA	44" x 6" Vertically Mounted Backdraft Damper	386.20	43.56
23 33 13 23-0224	EA	20" x 14" Vertically Mounted Backdraft Damper	414.77	47.88
23 33 13 23-0225	EA	28" x 10" Vertically Mounted Backdraft Damper	427.85	52.33
23 33 13 23-0226	EA	18" x 16" Vertically Mounted Backdraft Damper	344.03	21.84
23 33 13 23-0227	EA	24" x 12" Vertically Mounted Backdraft Damper	350.57	23.93
23 33 13 23-0228	EA	36" x 8" Vertically Mounted Backdraft Damper	357.11	26.16
23 33 13 23-0229	EA	48" x 6" Vertically Mounted Backdraft Damper	363.64	28.25
23 33 13 23-0230	EA	50" x 6" Vertically Mounted Backdraft Damper	388.32	32.70
23 33 13 23-0231	EA	20" x 16" Vertically Mounted Backdraft Damper	414.20	34.79
23 33 13 23-0232	EA	32" x 10" Vertically Mounted Backdraft Damper	427.29	39.24
23 33 13 23-0233	EA	40" x 8" Vertically Mounted Backdraft Damper	427.29	39.24
23 33 13 23-0234	EA	18" x 18" Vertically Mounted Backdraft Damper	378.46	43.56
23 33 13 23-0235	EA	24" x 14" Vertically Mounted Backdraft Damper	357.15	47.88
23 33 13 23-0236	EA	28" x 12" Vertically Mounted Backdraft Damper	370.23	52.33
23 33 13 23-0237	EA	44" x 8" Vertically Mounted Backdraft Damper	393.47	56.64
23 33 13 23-0238	EA	18" x 20" Vertically Mounted Backdraft Damper	411.62	60.96
23 33 13 23-0239	EA	20" x 18" Vertically Mounted Backdraft Damper	424.71	65.41
23 33 13 23-0240	EA	36" x 10" Vertically Mounted Backdraft Damper	424.71	65.41
23 33 13 23-0241	EA	24" x 16" Vertically Mounted Backdraft Damper	309.14	21.84
23 33 13 23-0242	EA	32" x 12" Vertically Mounted Backdraft Damper	315.68	23.93
23 33 13 23-0243	EA	48" x 8" Vertically Mounted Backdraft Damper	328.75	28.25
23 33 13 23-0244	EA	28" x 14" Vertically Mounted Backdraft Damper	346.91	32.70
23 33 13 23-0245	EA	20" x 20" Vertically Mounted Backdraft Damper	358.53	34.79
23 33 13 23-0246	EA	40" x 10" Vertically Mounted Backdraft Damper	371.62	39.24
23 33 13 23-0247	EA	50" x 8" Vertically Mounted Backdraft Damper	384.70	43.56
23 33 13 23-0248	EA	18" x 24" Vertically Mounted Backdraft Damper	405.01	43.56
23 33 13 23-0249	EA	24" x 18" Vertically Mounted Backdraft Damper	418.09	47.88
23 33 13 23-0250	EA	36" x 12" Vertically Mounted Backdraft Damper	431.17	52.33
23 33 13 23-0251	EA	44" x 10" Vertically Mounted Backdraft Damper	449.33	56.64
23 33 13 23-0252	EA	28" x 16" Vertically Mounted Backdraft Damper	480.58	65.41
23 33 13 23-0253	EA	32" x 14" Vertically Mounted Backdraft Damper	480.58	65.41
23 33 13 23-0254	EA	20" x 24" Vertically Mounted Backdraft Damper	516.51	69.72
23 33 13 23-0255	EA	24" x 20" Vertically Mounted Backdraft Damper	482.82	74.04
23 33 13 23-0256	EA	40" x 12" Vertically Mounted Backdraft Damper	482.82	74.04
23 33 13 23-0257	EA	48" x 10" Vertically Mounted Backdraft Damper	495.90	78.35
23 33 13 23-0258	EA	50" x 10" Vertically Mounted Backdraft Damper	506.74	78.35
23 33 13 23-0259	EA	28" x 18" Vertically Mounted Backdraft Damper	345.40	23.93
23 33 13 23-0260	EA	36" x 14" Vertically Mounted Backdraft Damper	358.47	28.25
23 33 13 23-0261	EA	32" x 16" Vertically Mounted Backdraft Damper	369.36	30.47
23 33 13 23-0262	EA	44" x 12" Vertically Mounted Backdraft Damper	391.10	34.79
23 33 13 23-0263	EA	20" x 28" Vertically Mounted Backdraft Damper	421.55	39.24
23 33 13 23-0264	EA	28" x 20" Vertically Mounted Backdraft Damper	434.63	43.56
23 33 13 23-0265	EA	40" x 14" Vertically Mounted Backdraft Damper	434.63	43.56
23 33 13 23-0266	EA	24" x 24" Vertically Mounted Backdraft Damper	456.40	47.88
23 33 13 23-0267	EA	32" x 18" Vertically Mounted Backdraft Damper	469.48	52.33
23 33 13 23-0268	EA	36" x 16" Vertically Mounted Backdraft Damper	482.56	56.64
23 33 13 23-0269	EA	48" x 12" Vertically Mounted Backdraft Damper	508.73	65.41
23 33 13 23-0270	EA	50" x 12" Vertically Mounted Backdraft Damper	521.77	65.41
23 33 13 23-0271	EA	44" x 14" Vertically Mounted Backdraft Damper	543.53	69.72
23 33 13 23-0272	EA	20" x 32" Vertically Mounted Backdraft Damper	569.62	74.04
23 33 13 23-0273	EA	32" x 20" Vertically Mounted Backdraft Damper	582.70	78.35
23 33 13 23-0274	EA	40" x 16" Vertically Mounted Backdraft Damper	582.70	78.35
23 33 13 23-0275	EA	36" x 18" Vertically Mounted Backdraft Damper	600.10	82.80
23 33 13 23-0276	EA	24" x 28" Vertically Mounted Backdraft Damper	615.31	82.80
23 33 13 23-0277	EA	28" x 24" Vertically Mounted Backdraft Damper	596.94	87.12
23 33 13 23-0278	EA	48" x 14" Vertically Mounted Backdraft Damper	596.94	87.12
23 33 13 23-0279	EA	50" x 14" Vertically Mounted Backdraft Damper	624.01	91.43
23 33 13 23-0280	EA	44" x 16" Vertically Mounted Backdraft Damper	423.23	23.93
23 33 13 23-0281	EA	20" x 36" Vertically Mounted Backdraft Damper	450.84	30.47
23 33 13 23-0282	EA	36" x 20" Vertically Mounted Backdraft Damper	463.92	34.79
23 33 13 23-0283	EA	40" x 18" Vertically Mounted Backdraft Damper	477.01	39.24
23 33 13 23-0284	EA	24" x 32" Vertically Mounted Backdraft Damper	514.04	43.56
23 33 13 23-0285	EA	32" x 24" Vertically Mounted Backdraft Damper	514.04	43.56

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 23-0286	EA	48" x 16" Vertically Mounted Backdraft Damper	527.12	47.88
23 33 13 23-0287	EA	28" x 28" Vertically Mounted Backdraft Damper	548.19	52.33
23 33 13 23-0288	EA	44" x 18" Vertically Mounted Backdraft Damper	565.25	56.64
23 33 13 23-0289	EA	40" x 20" Vertically Mounted Backdraft Damper	595.40	65.41
23 33 13 23-0290	EA	50" x 16" Vertically Mounted Backdraft Damper	595.40	65.41
23 33 13 23-0291	EA	24" x 36" Vertically Mounted Backdraft Damper	640.43	69.72
23 33 13 23-0292	EA	36" x 24" Vertically Mounted Backdraft Damper	653.51	74.04
23 33 13 23-0293	EA	48" x 18" Vertically Mounted Backdraft Damper	666.59	78.35
23 33 13 23-0294	EA	44" x 20" Vertically Mounted Backdraft Damper	687.66	82.80
23 33 13 23-0295	EA	28" x 32" Vertically Mounted Backdraft Damper	695.65	82.80
23 33 13 23-0296	EA	32" x 28" Vertically Mounted Backdraft Damper	708.72	87.12
23 33 13 23-0297	EA	50" x 18" Vertically Mounted Backdraft Damper	710.70	87.12
23 33 13 23-0298	EA	24" x 40" Vertically Mounted Backdraft Damper	753.72	91.43
23 33 13 23-0299	EA	40" x 24" Vertically Mounted Backdraft Damper	753.72	91.43
23 33 13 23-0300	EA	48" x 20" Vertically Mounted Backdraft Damper	753.72	91.43
23 33 13 23-0301	EA	50" x 20" Vertically Mounted Backdraft Damper	577.48	26.16
23 33 13 23-0302	EA	28" x 36" Vertically Mounted Backdraft Damper	601.07	32.70
23 33 13 23-0303	EA	36" x 28" Vertically Mounted Backdraft Damper	607.61	34.79
23 33 13 23-0304	EA	32" x 32" Vertically Mounted Backdraft Damper	628.70	39.24
23 33 13 23-0305	EA	24" x 44" Vertically Mounted Backdraft Damper	600.78	43.56
23 33 13 23-0306	EA	44" x 24" Vertically Mounted Backdraft Damper	613.86	47.88
23 33 13 23-0307	EA	28" x 40" Vertically Mounted Backdraft Damper	655.40	52.33
23 33 13 23-0308	EA	40" x 28" Vertically Mounted Backdraft Damper	668.48	56.64
23 33 13 23-0309	EA	24" x 48" Vertically Mounted Backdraft Damper	695.82	60.96
23 33 13 23-0310	EA	32" x 36" Vertically Mounted Backdraft Damper	708.91	65.41
23 33 13 23-0311	EA	36" x 32" Vertically Mounted Backdraft Damper	721.99	69.72
23 33 13 23-0312	EA	48" x 24" Vertically Mounted Backdraft Damper	735.07	74.04
23 33 13 23-0313	EA	50" x 24" Vertically Mounted Backdraft Damper	769.50	78.35
23 33 13 23-0314	EA	28" x 44" Vertically Mounted Backdraft Damper	796.81	82.80
23 33 13 23-0315	EA	44" x 28" Vertically Mounted Backdraft Damper	796.81	82.80
23 33 13 23-0316	EA	32" x 40" Vertically Mounted Backdraft Damper	831.26	87.12
23 33 13 23-0317	EA	40" x 32" Vertically Mounted Backdraft Damper	654.67	28.25
23 33 13 23-0318	EA	36" x 36" Vertically Mounted Backdraft Damper	681.41	34.79
23 33 13 23-0319	EA	28" x 48" Vertically Mounted Backdraft Damper	715.85	39.24
23 33 13 23-0320	EA	48" x 28" Vertically Mounted Backdraft Damper	728.93	43.56
23 33 13 23-0321	EA	50" x 28" Vertically Mounted Backdraft Damper	766.93	47.88
23 33 13 23-0322	EA	32" x 44" Vertically Mounted Backdraft Damper	783.58	52.33
23 33 13 23-0323	EA	44" x 32" Vertically Mounted Backdraft Damper	783.58	52.33
23 33 13 23-0324	EA	36" x 40" Vertically Mounted Backdraft Damper	812.68	56.64
23 33 13 23-0325	EA	40" x 36" Vertically Mounted Backdraft Damper	772.99	65.41
23 33 13 23-0326	EA	28" x 52" Vertically Mounted Backdraft Damper	792.46	69.72
23 33 13 23-0327	EA	32" x 48" Vertically Mounted Backdraft Damper	837.58	74.04
23 33 13 23-0328	EA	48" x 32" Vertically Mounted Backdraft Damper	850.66	78.35
23 33 13 23-0329	EA	28" x 56" Vertically Mounted Backdraft Damper	876.56	82.80
23 33 13 23-0330	EA	36" x 44" Vertically Mounted Backdraft Damper	882.99	82.80
23 33 13 23-0331	EA	44" x 36" Vertically Mounted Backdraft Damper	896.06	87.12
23 33 13 23-0332	EA	40" x 40" Vertically Mounted Backdraft Damper	902.45	87.12
23 33 13 23-0333	EA	50" x 32" Vertically Mounted Backdraft Damper	732.40	30.47
23 33 13 23-0334	EA	32" x 52" Vertically Mounted Backdraft Damper	771.12	34.79
23 33 13 23-0335	EA	28" x 60" Vertically Mounted Backdraft Damper	790.61	39.24
23 33 13 23-0336	EA	36" x 48" Vertically Mounted Backdraft Damper	822.94	43.56
23 33 13 23-0337	EA	48" x 36" Vertically Mounted Backdraft Damper	836.02	47.88
23 33 13 23-0338	EA	40" x 44" Vertically Mounted Backdraft Damper	861.92	52.33
23 33 13 23-0339	EA	44" x 40" Vertically Mounted Backdraft Damper	875.00	56.64
23 33 13 23-0340	EA	32" x 56" Vertically Mounted Backdraft Damper	900.87	60.96
23 33 13 23-0341	EA	50" x 36" Vertically Mounted Backdraft Damper	837.06	65.41
23 33 13 23-0342	EA	36" x 52" Vertically Mounted Backdraft Damper	888.86	74.04
23 33 13 23-0343	EA	32" x 60" Vertically Mounted Backdraft Damper	919.03	78.35
23 33 13 23-0344	EA	40" x 48" Vertically Mounted Backdraft Damper	932.11	82.80
23 33 13 23-0345	EA	48" x 40" Vertically Mounted Backdraft Damper	932.11	82.80
23 33 13 23-0346	EA	44" x 44" Vertically Mounted Backdraft Damper	950.88	87.12
23 33 13 23-0347	EA	40" x 50" Vertically Mounted Backdraft Damper	986.76	91.43
23 33 13 23-0348	EA	50" x 40" Vertically Mounted Backdraft Damper	986.76	91.43
23 33 13 23-0349	EA	36" x 56" Vertically Mounted Backdraft Damper	809.30	30.47
23 33 13 23-0350	EA	32" x 64" Vertically Mounted Backdraft Damper	846.88	39.24
23 33 13 23-0351	EA	44" x 48" Vertically Mounted Backdraft Damper	882.75	43.56
23 33 13 23-0352	EA	48" x 44" Vertically Mounted Backdraft Damper	895.83	47.88
23 33 13 23-0353	EA	36" x 60" Vertically Mounted Backdraft Damper	925.99	52.33
23 33 13 23-0354	EA	32" x 68" Vertically Mounted Backdraft Damper	944.78	56.64
23 33 13 23-0355	EA	44" x 50" Vertically Mounted Backdraft Damper	868.49	60.96
23 33 13 23-0356	EA	50" x 44" Vertically Mounted Backdraft Damper	881.58	65.41
23 33 13 23-0357	EA	32" x 72" Vertically Mounted Backdraft Damper	927.04	69.72
23 33 13 23-0358	EA	36" x 64" Vertically Mounted Backdraft Damper	940.12	74.04
23 33 13 23-0359	EA	48" x 48" Vertically Mounted Backdraft Damper	953.20	78.35
23 33 13 23-0360	EA	48" x 50" Vertically Mounted Backdraft Damper	996.18	82.80
23 33 13 23-0361	EA	50" x 48" Vertically Mounted Backdraft Damper	1,009.25	87.12
23 33 13 23-0362	EA	36" x 68" Vertically Mounted Backdraft Damper	1,024.21	87.12
23 33 13 23-0363	EA	50" x 50" Vertically Mounted Backdraft Damper	1,053.50	91.43
23 33 13 23-0364	EA	36" x 72" Vertically Mounted Backdraft Damper	1,082.16	91.43

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 23-0365		Backdraft Damper Accessories *(23 33 13 23)*		
23 33 13 23-0366	EA	For Motor Pack For Horizontally Mounted Backdraft Damper	293.08	32.13
23 33 13 23-0367	EA	For Motor Pack For Vertically Mounted Backdraft Damper	503.11	32.13
23 33 13 33		**Splitter Damper Hardware** *(23 33 13)*		
23 33 13 33-0001	EA	Splitter Damper, Hardware	46.96	9.14
23 33 13 43		**Blower Check Valve** *(23 33 13)*		
23 33 13 43-0001		Blower Check Valves With Silicone Seals *(23 33 13 43)*		
23 33 13 43-0002	EA	2-1/2" Blower Check Valves, Silicone Seals	306.94	33.74
23 33 13 43-0003	EA	3" Blower Check Valves, Silicone Seals	342.67	38.45
23 33 13 43-0004	EA	4" Blower Check Valves, Silicone Seals	440.03	51.02
23 33 13 43-0005	EA	5" Blower Check Valves, Silicone Seals	608.77	58.87
23 33 13 43-0006	EA	6" Blower Check Valves, Silicone Seals	681.79	70.64
23 33 13 43-0007	EA	8" Blower Check Valves, Silicone Seals	1,017.28	89.47
23 33 13 43-0008		Blower Check Valves With Viton Seats *(23 33 13 43)*		
23 33 13 43-0009	EA	2-1/2" Blower Check Valves, Viton Seats	425.32	33.74
23 33 13 43-0010	EA	3" Blower Check Valves, Viton Seats	483.36	38.45
23 33 13 43-0011	EA	4" Blower Check Valves, Viton Seats	537.99	51.02
23 33 13 43-0012	EA	5" Blower Check Valves, Viton Seats	755.43	58.87
23 33 13 43-0013	EA	6" Blower Check Valves, Viton Seats	843.68	70.64
23 33 13 43-0014	EA	8" Blower Check Valves, Viton Seats	1,303.66	89.47
23 33 19		**Duct Silencers** *(23 33)*		
23 33 19 00-0001		36" Long Packaged Duct Sound Trap *(23 33 19)*		
23 33 19 00-0002	EA	12" x 12" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	414.89	53.54
23 33 19 00-0003	EA	12" x 18" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	499.83	61.37
23 33 19 00-0004	EA	12" x 24" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	652.71	70.52
23 33 19 00-0005	EA	12" x 36" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	796.88	79.66
23 33 19 00-0006	EA	24" x 18" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	734.71	79.66
23 33 19 00-0007	EA	24" x 24" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	946.73	83.57
23 33 19 00-0008	EA	24" x 30" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	1,047.57	88.79
23 33 19 00-0009	EA	24" x 36" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	1,151.02	94.02
23 33 19 00-0010	EA	24" x 48" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	1,517.57	107.08
23 33 19 00-0011	EA	36" x 18" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	937.81	88.79
23 33 19 00-0012	EA	36" x 36" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	1,272.45	107.08
23 33 19 00-0013	EA	36" x 48" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	2,274.45	143.64
23 33 19 00-0014	EA	36" x 60" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	2,519.69	151.47
23 33 19 00-0015	EA	48" x 48" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	2,815.03	163.23
23 33 19 00-0016	EA	48" x 60" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	3,163.41	177.59
23 33 19 00-0017		60" Long Packaged Duct Sound Trap *(23 33 19)*		
23 33 19 00-0018	EA	12" x 12" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	463.69	117.53
23 33 19 00-0019	EA	12" x 18" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	560.16	135.80
23 33 19 00-0020	EA	12" x 24" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	733.28	156.69
23 33 19 00-0021	EA	12" x 36" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	895.42	176.28
23 33 19 00-0022	EA	24" x 18" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	824.74	176.28
23 33 19 00-0023	EA	24" x 24" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	1,067.35	186.72
23 33 19 00-0024	EA	24" x 30" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	1,177.47	195.87
23 33 19 00-0025	EA	24" x 36" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	1,289.56	206.32
23 33 19 00-0026	EA	24" x 48" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	1,708.96	235.04
23 33 19 00-0027	EA	36" x 18" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	1,052.75	195.87
23 33 19 00-0028	EA	36" x 36" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	1,430.42	235.04
23 33 19 00-0029	EA	36" x 48" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	2,551.68	309.47
23 33 19 00-0030	EA	36" x 60" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	2,849.99	335.59
23 33 19 00-0031	EA	48" x 48" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	3,169.23	356.48
23 33 19 00-0032	EA	48" x 60" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	3,568.88	391.74
23 33 19 00-0033		84" Long Packaged Duct Sound Trap *(23 33 19)*		
23 33 19 00-0034	EA	6" x 12" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	399.58	97.93
23 33 19 00-0035	EA	6" x 24" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	688.75	146.25
23 33 19 00-0036	EA	6" x 36" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	959.49	214.15
23 33 19 00-0037	EA	12" x 12" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	542.68	117.53
23 33 19 00-0038	EA	12" x 18" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	676.56	135.80
23 33 19 00-0039	EA	12" x 24" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	924.52	156.69
23 33 19 00-0040	EA	12" x 30" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	1,096.56	168.45
23 33 19 00-0041	EA	12" x 36" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	1,197.22	181.50
23 33 19 00-0042	EA	12" x 42" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	1,514.22	195.87
23 33 19 00-0043	EA	12" x 48" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	1,795.11	214.15
23 33 19 00-0044	EA	24" x 18" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	1,022.61	181.50
23 33 19 00-0045	EA	24" x 24" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	1,472.47	189.34

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 19 00-0046	EA	24" x 30" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	1,609.84	195.87
23 33 19 00-0047	EA	24" x 36" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	1,755.18	206.32
23 33 19 00-0048	EA	24" x 42" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	2,210.33	221.99
23 33 19 00-0049	EA	24" x 48" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	2,399.08	235.04

23 33 23 Turning Vanes *(23 33)*

23 33 23 00-0001 Duct Turning Vane Components *(23 33 23)*

23 33 23 00-0002	LF	Duct Turning Vane Rail	14.48	3.26
		For Stainless Steel, Add	*10.02*	
23 33 23 00-0003	LF	Double Thick Factory Fabricated, Duct Turning Vane	14.32	1.31
		For Stainless Steel, Add	*15.09*	

23 33 23 00-0004 Duct Turning Vane Sets *(23 33 23)*

Note: Measured from inside corner to outside corner of ductwork.

23 33 23 00-0005	LF	12" High Duct Turning Vanes, Sets	59.44	4.90
		For Stainless Steel, Add	*69.32*	
23 33 23 00-0006	LF	14" High Duct Turning Vanes, Sets	73.98	5.22
		For Stainless Steel, Add	*87.69*	
23 33 23 00-0007	LF	16" High Duct Turning Vanes, Sets	101.35	5.48
		For Stainless Steel, Add	*122.77*	
23 33 23 00-0008	LF	18" High Duct Turning Vanes, Sets	128.78	5.88
		For Stainless Steel, Add	*157.86*	
23 33 23 00-0009	LF	20" High Duct Turning Vanes, Sets	142.73	6.27
		For Stainless Steel, Add	*175.37*	
23 33 23 00-0010	LF	22" High Duct Turning Vanes, Sets	182.74	5.88
		For Stainless Steel, Add	*228.02*	
23 33 23 00-0011	LF	24" High Duct Turning Vanes, Sets	224.58	6.92
		For Stainless Steel, Add	*280.63*	
23 33 23 00-0012	LF	26" High Duct Turning Vanes, Sets	241.16	7.24
		For Stainless Steel, Add	*301.76*	
23 33 23 00-0013	LF	30" High Duct Turning Vanes, Sets	269.37	7.52
		For Stainless Steel, Add	*337.96*	

23 33 33 Duct-Mounting Access Doors *(23 33)*

23 33 33 00-0001 Duct Access Doors, Insulated Factory Fabrication *(23 33 33)*

23 33 33 00-0002	EA	6" x 6" Duct Access Doors Insulated Factory Fabrication	103.12	18.28
		For Stainless Steel, Add	*59.34*	
23 33 33 00-0003	EA	10" x 10" Duct Access Doors Insulated Factory Fabrication	109.36	18.28
		For Stainless Steel, Add	*71.82*	
23 33 33 00-0004	EA	12" x 12" Duct Access Doors Insulated Factory Fabrication	112.40	18.28
		For Stainless Steel, Add	*77.90*	
23 33 33 00-0005	EA	12" x 18" Duct Access Doors Insulated Factory Fabrication	145.32	22.20
		For Stainless Steel, Add	*109.84*	
23 33 33 00-0006	EA	16" x 12" Duct Access Doors Insulated Factory Fabrication	146.56	22.20
		For Stainless Steel, Add	*112.32*	
23 33 33 00-0007	EA	18" x 18" Duct Access Doors Insulated Factory Fabrication	182.16	30.03
		For Stainless Steel, Add	*129.26*	
23 33 33 00-0008	EA	24" x 18" Duct Access Doors Insulated Factory Fabrication	216.50	36.56
		For Stainless Steel, Add	*139.20*	
23 33 33 00-0009	EA	24" x 24" Duct Access Doors Insulated Factory Fabrication	281.33	49.62
		For Stainless Steel, Add	*170.92*	

23 33 43 Flexible Connectors *(23 33)*

23 33 43 00-0001	LF	6-1/2" Width, Galvanized Steel, Flexible Duct Connector	16.55	3.91
23 33 43 00-0002	LF	5-3/4" Width, Vinyl/Steel, Flexible Duct Connector	17.00	3.52

23 33 46 Flexible Ducts *(23 33)*

23 33 46 00-0001 Flexible Duct, R8.0 Insulated With Metallized Outer Jacket *(23 33 46)*

Note: Polyester inner liner encapsulating a corrosion resistant steel wire helix, supporting a blanket of fiberglass insulation over a fiberglass scrim and a bi-directional reinforced metallized outer vapor barrier jacket.

23 33 46 00-0002	LF	4" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket	9.55	1.31
		For R6.0 Insulated Flexible Duct, Deduct	*-1.02*	
		For R4.2 Insulated Flexible Duct, Deduct	*-1.19*	
23 33 46 00-0003	LF	5" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket	10.53	2.62
		For R6.0 Insulated Flexible Duct, Deduct	*-1.08*	
		For R4.2 Insulated Flexible Duct, Deduct	*-1.26*	
23 33 46 00-0004	LF	6" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket	11.77	2.62
		For R6.0 Insulated Flexible Duct, Deduct	*-1.10*	
		For R4.2 Insulated Flexible Duct, Deduct	*-1.29*	
23 33 46 00-0005	LF	7" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket	13.65	2.62
		For R6.0 Insulated Flexible Duct, Deduct	*-1.24*	
		For R4.2 Insulated Flexible Duct, Deduct	*-1.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 46 00-0006	LF	8" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket	15.91	3.91
		For R6.0 Insulated Flexible Duct, Deduct	*-1.25*	
		For R4.2 Insulated Flexible Duct, Deduct	*-1.46*	
23 33 46 00-0007	LF	10" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket	20.61	3.91
		For R6.0 Insulated Flexible Duct, Deduct	*-1.68*	
		For R4.2 Insulated Flexible Duct, Deduct	*-1.96*	
23 33 46 00-0008	LF	12" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket	27.55	5.22
		For R6.0 Insulated Flexible Duct, Deduct	*-2.00*	
		For R4.2 Insulated Flexible Duct, Deduct	*-2.33*	
23 33 46 00-0009	LF	14" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket	34.24	5.22
		For R6.0 Insulated Flexible Duct, Deduct	*-2.44*	
		For R4.2 Insulated Flexible Duct, Deduct	*-2.84*	
23 33 46 00-0010	LF	16" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket	44.57	6.53
		For R6.0 Insulated Flexible Duct, Deduct	*-2.91*	
		For R4.2 Insulated Flexible Duct, Deduct	*-3.40*	
23 33 46 00-0011	LF	18" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket	54.43	8.48
		For R6.0 Insulated Flexible Duct, Deduct	*-3.79*	
		For R4.2 Insulated Flexible Duct, Deduct	*-4.42*	
23 33 46 00-0012	LF	20" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket	64.76	9.14
		For R6.0 Insulated Flexible Duct, Deduct	*-5.72*	
		For R4.2 Insulated Flexible Duct, Deduct	*-6.67*	

23 33 46 00-0013 Collars, Sheet Metal Spin-In Type With Damper *(23 33 46)*

23 33 46 00-0014	EA	Up To 4" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	52.95	7.83
		For Stainless Steel, Add	*30.64*	
23 33 46 00-0015	EA	5" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	57.45	9.14
		For Stainless Steel, Add	*31.04*	
23 33 46 00-0016	EA	6" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	65.50	9.14
		For Stainless Steel, Add	*34.23*	
23 33 46 00-0017	EA	7" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	74.18	11.75
		For Stainless Steel, Add	*35.32*	
23 33 46 00-0018	EA	8" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	89.45	14.36
		For Stainless Steel, Add	*39.90*	
23 33 46 00-0019	EA	10" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	105.00	16.98
		For Stainless Steel, Add	*49.19*	
23 33 46 00-0020	EA	12" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	119.12	19.58
		For Stainless Steel, Add	*53.00*	
23 33 46 00-0021	EA	14" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	141.15	22.20
		For Stainless Steel, Add	*66.37*	
23 33 46 00-0022	EA	16" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	153.78	24.81
		For Stainless Steel, Add	*72.61*	

23 33 53 Duct Liners *(23 33)*

23 33 53 00-0001 Fiberglass Duct Liner Board, Rigid, Acoustical Insulation *(23 33 53)*

23 33 53 00-0002	SF	1/2" Field Installed, 3 Lb./CF, Fiberglass Duct Liner Board	12.22	3.44
23 33 53 00-0003	SF	3/4" Field Installed, 3 Lb./CF, Fiberglass Duct Liner Board	13.36	3.44
23 33 53 00-0004	SF	1" Field Installed, 3 Lb./CF, Fiberglass Duct Liner Board	14.79	4.59
23 33 53 00-0005	SF	1-1/2" Field Installed, 3 Lb./CF, Fiberglass Duct Liner Board	18.06	4.59
23 33 53 00-0006	SF	2" Field Installed, 3 Lb./CF, Fiberglass Duct Liner Board	21.79	5.17
23 33 53 00-0007	SF	1/2" Shop Installed, 3 Lb./CF, Fiberglass Duct Liner Board	12.12	3.91
23 33 53 00-0008	SF	3/4" Shop Installed, 3 Lb./CF, Fiberglass Duct Liner Board	13.26	3.91
23 33 53 00-0009	SF	1" Shop Installed, 3 Lb./CF, Fiberglass Duct Liner Board	14.72	5.22
23 33 53 00-0010	SF	1-1/2" Shop Installed, 3 Lb./CF, Fiberglass Duct Liner Board	17.85	5.22
23 33 53 00-0011	SF	2" Shop Installed, 3 Lb./CF, Fiberglass Duct Liner Board	21.62	5.88

23 33 53 00-0012 Fiberglass Duct Liner Blanket, Flexible, Acoustical Insulation *(23 33 53)*

23 33 53 00-0013	SF	1", R3.8, 1.5 Lb./CF, T150, Fiberglass Duct Liner Blanket	2.76	3.52
23 33 53 00-0014	SF	1", R4.1, 2 Lb./CF, T200, Fiberglass Duct Liner Blanket	3.03	3.52
23 33 53 00-0015	SF	1", R4.3, 3 Lb./CF, T300, Fiberglass Duct Liner Blanket	3.80	3.52
23 33 53 00-0016	SF	1-1/2", T150, 1.5 Lb./CF, Fiberglass Duct Liner Blanket	3.24	3.91
23 33 53 00-0017	SF	2", R7.7, 1.5 Lb./CF, T150 Fiberglass Duct Liner Blanket	3.43	4.31
23 33 53 00-0018	SF	2", R8, 2 Lb./CF, T200 Fiberglass Duct Liner Blanket	5.10	4.31

23 33 56 Duct Air Extractors *(23 33)*

23 33 56 00-0001	EA	12" x 4" Duct Air Extractor	65.74	21.55
		For Stainless Steel, Add	*29.45*	
23 33 56 00-0002	EA	8" x 6" Duct Air Extractor	69.66	23.51
		For Stainless Steel, Add	*29.45*	
23 33 56 00-0003	EA	12" x 6" Duct Air Extractor	80.95	24.81
		For Stainless Steel, Add	*40.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 56 00-0004	EA	16" x 6" Duct Air Extractor	91.98	26.12
		For Stainless Steel, Add	*51.68*	
23 33 56 00-0005	EA	24" x 6" Duct Air Extractor	123.09	28.72
		For Stainless Steel, Add	*85.33*	
23 33 56 00-0006	EA	12" x 8" Duct Air Extractor	87.36	26.12
		For Stainless Steel, Add	*45.67*	
23 33 56 00-0007	EA	20" x 8" Duct Air Extractor	116.12	32.65
		For Stainless Steel, Add	*66.09*	
23 33 56 00-0008	EA	18" x 10" Duct Air Extractor	124.35	37.21
		For Stainless Steel, Add	*64.90*	
23 33 56 00-0009	EA	24" x 10" Duct Air Extractor	152.20	43.73
		For Stainless Steel, Add	*84.12*	
23 33 56 00-0010	EA	24" x 12" Duct Air Extractor	173.79	52.23
		For Stainless Steel, Add	*90.13*	
23 33 56 00-0011	EA	30" x 12" Duct Air Extractor	217.48	65.29
		For Stainless Steel, Add	*112.97*	

23 33 59 Duct Pressure Relief Doors *(23 33)*

23 33 59 00-0001 Duct Pressure Relief Doors *(23 33 59)*

23 33 59 00-0002	EA	18" x 18" Duct Pressure Relief Door (Ruskin PRD18)	1,287.38	39.17
23 33 59 00-0003	EA	24" x 10" Duct Pressure Relief Door (Ruskin PRD18)	1,057.74	32.65
23 33 59 00-0004	EA	24" x 12" Duct Pressure Relief Door (Ruskin PRD18)	1,048.19	35.91

23 34 HVAC Fans *(23 30)*

23 34 13 Axial HVAC Fans *(23 34)*

23 34 13 00-0001 Tube-Axial Fans *(23 34 13)*

23 34 13 00-0002 Direct Drive Tube-Axial Duct Fans *(23 34 13 00-0001)*

23 34 13 00-0003	EA	12" Direct Drive Axial Flow Fan, 1/6 HP 1,060 CFM Constant Speed, 1/8" Static Pressure	1,997.72	401.16
		For 1/4" Static Pressure, Add	*95.57*	
		For 3/8" Static Pressure, Add	*191.14*	
		For 1/2" Static Pressure, Add	*262.81*	
23 34 13 00-0004	EA	12" Direct Drive Axial Flow Fan, 1/2 HP 2,095 CFM Constant Speed, 1/8" Static Pressure	2,083.05	402.36
		For 1/4" Static Pressure, Add	*102.39*	
		For 3/8" Static Pressure, Add	*204.79*	
		For 1/2" Static Pressure, Add	*281.58*	
23 34 13 00-0005	EA	16" Direct Drive Axial Flow Fan, 1/3 HP 2,490 CFM Constant Speed, 1/8" Static Pressure	2,253.71	401.16
		For 1/4" Static Pressure, Add	*116.05*	
		For 3/8" Static Pressure, Add	*232.09*	
		For 1/2" Static Pressure, Add	*319.13*	
23 34 13 00-0006	EA	20" Direct Drive Axial Flow Fan, 3/4 HP 4,130 CFM Constant Speed, 1/8" Static Pressure	2,424.37	402.36
		For 1/4" Static Pressure, Add	*129.70*	
		For 3/8" Static Pressure, Add	*259.40*	
		For 1/2" Static Pressure, Add	*356.68*	
23 34 13 00-0007	EA	22" Direct Drive Axial Flow Fan, 3/4 HP 4,700 CFM Constant Speed, 1/8" Static Pressure	2,840.97	481.87
		For 1/4" Static Pressure, Add	*150.18*	
		For 3/8" Static Pressure, Add	*300.36*	
		For 1/2" Static Pressure, Add	*412.99*	
23 34 13 00-0008	EA	24" Direct Drive Axial Flow Fan, 1 HP 5,850 CFM Constant Speed, 1/8" Static Pressure	3,266.09	524.04
		For 1/4" Static Pressure, Add	*177.48*	
		For 3/8" Static Pressure, Add	*354.97*	
		For 1/2" Static Pressure, Add	*488.08*	
23 34 13 00-0009	EA	24" Direct Drive Axial Flow Fan, 1-1/2 HP 7,925 CFM Constant Speed, 1/8" Static Pressure	3,451.19	573.43
		For 1/4" Static Pressure, Add	*184.31*	
		For 3/8" Static Pressure, Add	*368.62*	
		For 1/2" Static Pressure, Add	*506.85*	
23 34 13 00-0010	EA	30" Direct Drive Axial Flow Fan, 1 HP 10,640 CFM Constant Speed, 1/8" Static Pressure	3,935.19	602.34
		For 1/4" Static Pressure, Add	*218.44*	
		For 3/8" Static Pressure, Add	*436.88*	
		For 1/2" Static Pressure, Add	*600.71*	
23 34 13 00-0011	EA	30" Direct Drive Axial Flow Fan, 2-1/2 HP 14,765 CFM Constant Speed, 1/8" Static Pressure	4,748.33	752.92
		For 1/4" Static Pressure, Add	*259.40*	
		For 3/8" Static Pressure, Add	*518.80*	
		For 1/2" Static Pressure, Add	*713.35*	
23 34 13 00-0012	EA	36" Direct Drive Axial Flow Fan, 2 HP 16,780 CFM Constant Speed, 1/8" Static Pressure	5,360.70	803.52
		For 1/4" Static Pressure, Add	*300.36*	
		For 3/8" Static Pressure, Add	*600.72*	
		For 1/2" Static Pressure, Add	*825.98*	
23 34 13 00-0013	EA	36" Direct Drive Axial Flow Fan, 5 HP 22,920 CFM Constant Speed, 1/8" Static Pressure	6,290.45	926.39
		For 1/4" Static Pressure, Add	*354.97*	
		For 3/8" Static Pressure, Add	*709.94*	
		For 1/2" Static Pressure, Add	*976.16*	

23 34 13 00-0014 Belt Drive Tube-Axial Duct Fans *(23 34 13 00-0001)*

23 34 13 00-0015	EA	15" Belt Drive Axial Flow Fan, 1/3 HP 2,800 CFM Constant Speed, 1/8" Static Pressure	1,894.81	389.11
		For 1/4" Static Pressure, Add	*89.41*	
		For 3/8" Static Pressure, Add	*178.82*	
		For 1/2" Static Pressure, Add	*245.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 13 00-0016	EA	15" Belt Drive Axial Flow Fan, 1/2 HP 3,400 CFM Constant Speed, 1/8" Static Pressure	2,008.95	402.36
		For 1/4" Static Pressure, Add	*96.47*	
		For 3/8" Static Pressure, Add	*192.93*	
		For 1/2" Static Pressure, Add	*265.28*	
23 34 13 00-0017	EA	18" Belt Drive Axial Flow Fan, 1/3 HP 3,280 CFM Constant Speed, 1/8" Static Pressure	2,075.85	415.61
		For 1/4" Static Pressure, Add	*99.60*	
		For 3/8" Static Pressure, Add	*199.21*	
		For 1/2" Static Pressure, Add	*273.91*	
23 34 13 00-0018	EA	18" Belt Drive Axial Flow Fan, 1/2 HP 3,900 CFM Constant Speed, 1/8" Static Pressure	2,197.02	430.07
		For 1/4" Static Pressure, Add	*106.92*	
		For 3/8" Static Pressure, Add	*213.85*	
		For 1/2" Static Pressure, Add	*294.04*	
23 34 13 00-0019	EA	18" Belt Drive Axial Flow Fan, 1 HP 5,250 CFM Constant Speed, 1/8" Static Pressure	2,477.24	446.93
		For 1/4" Static Pressure, Add	*126.79*	
		For 3/8" Static Pressure, Add	*253.58*	
		For 1/2" Static Pressure, Add	*348.68*	
23 34 13 00-0020	EA	24" Belt Drive Axial Flow Fan, 1/2 HP 4,800 CFM Constant Speed, 1/8" Static Pressure	2,612.87	463.79
		For 1/4" Static Pressure, Add	*134.90*	
		For 3/8" Static Pressure, Add	*269.79*	
		For 1/2" Static Pressure, Add	*370.96*	
23 34 13 00-0021	EA	24" Belt Drive Axial Flow Fan, 1 HP 6,430 CFM Constant Speed, 1/8" Static Pressure	2,924.43	481.87
		For 1/4" Static Pressure, Add	*156.86*	
		For 3/8" Static Pressure, Add	*313.71*	
		For 1/2" Static Pressure, Add	*431.35*	
23 34 13 00-0022	EA	24" Belt Drive Axial Flow Fan, 2 HP 8,860 CFM Constant Speed, 1/8" Static Pressure	3,298.31	481.87
		For 1/4" Static Pressure, Add	*186.89*	
		For 3/8" Static Pressure, Add	*373.78*	
		For 1/2" Static Pressure, Add	*513.94*	
23 34 13 00-0023	EA	30" Belt Drive Axial Flow Fan, 1 HP 9,250 CFM Constant Speed, 1/8" Static Pressure	3,823.38	524.04
		For 1/4" Static Pressure, Add	*222.21*	
		For 3/8" Static Pressure, Add	*444.42*	
		For 1/2" Static Pressure, Add	*611.08*	
23 34 13 00-0024	EA	30" Belt Drive Axial Flow Fan, 5 HP 16,900 CFM Constant Speed, 1/8" Static Pressure	4,533.23	634.87
		For 1/4" Static Pressure, Add	*261.43*	
		For 3/8" Static Pressure, Add	*522.85*	
		For 1/2" Static Pressure, Add	*718.92*	
23 34 13 00-0025	EA	30" Belt Drive Axial Flow Fan, 5 HP 16,150 CFM Constant Speed, 1/8" Static Pressure	5,164.26	634.87
		For 1/4" Static Pressure, Add	*311.48*	
		For 3/8" Static Pressure, Add	*622.96*	
		For 1/2" Static Pressure, Add	*856.57*	
23 34 13 00-0026	EA	36" Belt Drive Axial Flow Fan, 3/4 HP 8,090 CFM Constant Speed, 1/8" Static Pressure	5,685.91	669.80
		For 1/4" Static Pressure, Add	*347.79*	
		For 3/8" Static Pressure, Add	*695.58*	
		For 1/2" Static Pressure, Add	*956.43*	
23 34 13 00-0027	EA	36" Belt Drive Axial Flow Fan, 2 HP 14,475 CFM Constant Speed, 1/8" Static Pressure	6,211.05	708.35
		For 1/4" Static Pressure, Add	*383.77*	
		For 3/8" Static Pressure, Add	*767.54*	
		For 1/2" Static Pressure, Add	*1,055.37*	
23 34 13 00-0028	EA	36" Belt Drive Axial Flow Fan, 7-1/2 HP 14,475 CFM Constant Speed, 1/8" Static Pressure	7,076.18	926.39
		For 1/4" Static Pressure, Add	*418.28*	
		For 3/8" Static Pressure, Add	*836.56*	
		For 1/2" Static Pressure, Add	*1,150.27*	
23 34 13 00-0029	EA	36" Belt Drive Axial Flow Fan, 5 HP 20,080 CFM Constant Speed, 1/8" Static Pressure	8,077.28	927.60
		For 1/4" Static Pressure, Add	*498.37*	
		For 3/8" Static Pressure, Add	*996.74*	
		For 1/2" Static Pressure, Add	*1,370.52*	
23 34 13 00-0030	EA	42" Belt Drive Axial Flow Fan, 7-1/2 HP 29,000 CFM Constant Speed, 1/8" Static Pressure	9,123.45	1,094.80
		For 1/4" Static Pressure, Add	*555.29*	
		For 3/8" Static Pressure, Add	*1,110.57*	
		For 1/2" Static Pressure, Add	*1,527.04*	

23 34 16 Centrifugal HVAC Fans *(23 34)*

23 34 16 00-0001 Centrifugal Fans *(23 34 16)*
Note: All belt fans to be supplied with belt guard.

23 34 16 00-0002 Utility Backward Inclined Steel Wheel Centrifugal Fans *(23 34 16 00-0001)*
Note: V-belt driven.

23 34 16 00-0003 Industrial Type Utility Backward Centrifugal Fans *(23 34 16 00-0002)*
Note: Under 30" diameter wheel.

23 34 16 00-0004 12-1/4" Diameter Wheel 650 To 2,950 CFM At 1/8" Static Pressure *(23 34 16 00-0003)*

23 34 16 00-0005	EA	1/6 HP, 12-1/4" Wheel, 450 To 1,750 CFM At 1/8" Static Pressure, Centrifugal Fan	1,348.65	264.67
23 34 16 00-0006	EA	1/4 HP, 12-1/4" Wheel, 650 To 2,950 CFM At 1/8" Static Pressure, Centrifugal Fan	1,932.29	274.66
23 34 16 00-0007	EA	1/3 HP, 12-1/4" Wheel, 650 To 2,950 CFM At 1/8" Static Pressure, Centrifugal Fan	1,988.43	218.89
23 34 16 00-0008	EA	1/2 HP, 12-1/4" Wheel, 650 To 2,950 CFM At 1/8" Static Pressure, Centrifugal Fan	2,076.52	299.96
23 34 16 00-0009	EA	3/4 HP, 12-1/4" Wheel, 650 To 2,950 CFM At 1/8" Static Pressure, Centrifugal Fan	2,127.64	318.03
23 34 16 00-0010	EA	1 HP, 12-1/4" Wheel, 650 To 2,950 CFM At 1/8" Static Pressure, Centrifugal Fan	2,195.78	331.28
23 34 16 00-0011	EA	1-1/2 HP, 12-1/4" Wheel, 650 To 2,950 CFM At 1/8" Static Pressure, Centrifugal Fan	2,264.54	352.97

23 34 16 00-0012 13-1/2" Diameter Wheel 734 To 3,343 CFM At 1/8" Static Pressure *(23 34 16 00-0003)*

23 34 16 00-0013	EA	1/4 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure	2,227.32	289.12

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0014	EA	1/3 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure	2,267.71	299.96
23 34 16 00-0015	EA	1/2 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure	2,342.69	318.03
23 34 16 00-0016	EA	3/4 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure	2,386.63	331.28
23 34 16 00-0017	EA	1 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure	2,467.81	352.97
23 34 16 00-0018	EA	1-1/2 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure	2,548.38	369.84
23 34 16 00-0019		**15" Diameter Wheel 1,258 To 4,146 CFM At 1/8" Static Pressure** *(23 34 16 00-0003)*		
23 34 16 00-0020	EA	1/4 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure	2,243.85	299.96
23 34 16 00-0021	EA	1/3 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure	2,294.99	318.03
23 34 16 00-0022	EA	1/2 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure	2,362.77	331.28
23 34 16 00-0023	EA	3/4 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure	2,420.09	352.97
23 34 16 00-0024	EA	1 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure	2,492.71	369.84
23 34 16 00-0025	EA	1-1/2 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure	2,594.37	397.54
23 34 16 00-0026	EA	2 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure	2,673.78	418.02
23 34 16 00-0027		**16-1/2" Diameter Wheel 977 To 4,711 CFM At 1/8" Static Pressure** *(23 34 16 00-0003)*		
23 34 16 00-0028	EA	1/4 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	2,569.34	318.03
23 34 16 00-0029	EA	1/3 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	2,661.91	331.28
23 34 16 00-0030	EA	1/2 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	2,764.56	352.97
23 34 16 00-0031	EA	3/4 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	2,818.66	369.84
23 34 16 00-0032	EA	1 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	2,889.88	397.54
23 34 16 00-0033	EA	1-1/2 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	2,950.78	418.02
23 34 16 00-0034	EA	2 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	3,276.84	454.16
23 34 16 00-0035		**18-1/4" Diameter Wheel 2,193 To 6,498 CFM At 1/8" Static Pressure** *(23 34 16 00-0003)*		
23 34 16 00-0036	EA	1/4 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	2,655.02	331.28
23 34 16 00-0037	EA	1/3 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	2,718.29	352.97
23 34 16 00-0038	EA	1/2 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	2,802.86	369.84
23 34 16 00-0039	EA	3/4 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	2,868.74	397.54
23 34 16 00-0040	EA	1 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	2,960.07	418.02
23 34 16 00-0041	EA	1-1/2 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	3,097.92	454.16
23 34 16 00-0042	EA	2 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	3,187.35	481.87
23 34 16 00-0043	EA	3 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	3,320.69	530.06
23 34 16 00-0044		**20" Diameter Wheel 2,412 To 7,364 CFM At 1/8" Static Pressure** *(23 34 16 00-0003)*		
23 34 16 00-0045	EA	1/4 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	2,682.52	352.97
23 34 16 00-0046	EA	1/3 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	2,767.05	369.84
23 34 16 00-0047	EA	1/2 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	2,868.74	397.54
23 34 16 00-0048	EA	3/4 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	2,960.07	418.02
23 34 16 00-0049	EA	1 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	3,133.70	454.16
23 34 16 00-0050	EA	1-1/2 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	3,376.49	481.87
23 34 16 00-0051	EA	2 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	3,546.66	530.06
23 34 16 00-0052	EA	3 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	3,723.31	567.40
23 34 16 00-0053		**22-1/4" Diameter Wheel 2,265 To 8,483 CFM At 1/8" Static Pressure** *(23 34 16 00-0003)*		
23 34 16 00-0054	EA	1/4 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	3,224.32	369.84
23 34 16 00-0055	EA	1/3 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	3,284.60	397.54
23 34 16 00-0056	EA	1/2 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	3,367.62	418.02
23 34 16 00-0057	EA	3/4 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	3,471.67	454.16
23 34 16 00-0058	EA	1 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	3,609.79	481.87
23 34 16 00-0059	EA	1-1/2 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	3,655.99	530.06
23 34 16 00-0060	EA	2 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	3,747.16	567.40
23 34 16 00-0061	EA	3 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	3,910.05	636.06
23 34 16 00-0062		**24-1/2" Diameter Wheel 3,055 To 11,380 CFM At 1/8" Static Pressure** *(23 34 16 00-0003)*		
23 34 16 00-0063	EA	1/4 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	3,878.67	397.54
23 34 16 00-0064	EA	1/2 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	4,004.47	454.16
23 34 16 00-0065	EA	3/4 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	4,129.69	481.87
23 34 16 00-0066	EA	1 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	4,262.36	530.06
23 34 16 00-0067	EA	1-1/2 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	4,379.36	567.40
23 34 16 00-0068	EA	2 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	4,482.62	636.06
23 34 16 00-0069	EA	3 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	4,626.06	691.48
23 34 16 00-0070	EA	5 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	4,962.11	795.09
23 34 16 00-0071		**27" Diameter Wheel 2,734 To 13,266 CFM At 1/8" Static Pressure** *(23 34 16 00-0003)*		
23 34 16 00-0072	EA	1/4 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	4,298.04	418.02
23 34 16 00-0073	EA	1/2 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	4,427.91	481.87
23 34 16 00-0074	EA	3/4 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	4,560.56	530.06
23 34 16 00-0075	EA	1 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	4,677.58	567.40
23 34 16 00-0076	EA	1-1/2 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	4,840.47	636.06
23 34 16 00-0077	EA	2 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	4,983.55	691.48

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0078	EA	3 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	5,344.95	795.09
23 34 16 00-0079	EA	5 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	5,394.18	883.02
23 34 16 00-0080		Large Industrial Type Utility Backward Centrifugal Fans *(23 34 16 00-0002)*		
		Note: Over 30" diameter wheel.		
23 34 16 00-0081		30" Diameter Wheel 4,926 To 17,456 CFM At 1/8" Static Pressure *(23 34 16 00-0080)*		
23 34 16 00-0082	EA	1/2 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	6,021.80	530.06
23 34 16 00-0083	EA	3/4 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	6,134.12	567.40
23 34 16 00-0084	EA	1 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	6,307.67	636.06
23 34 16 00-0085	EA	1-1/2 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	6,462.67	691.48
23 34 16 00-0086	EA	2 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	6,691.74	795.09
23 34 16 00-0087	EA	3 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	6,897.16	883.02
23 34 16 00-0088	EA	5 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	7,236.45	1,060.11
23 34 16 00-0089	EA	7-1/2 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	7,549.44	1,222.74
23 34 16 00-0090		33" Diameter Wheel 5,734 To 19,799 CFM At 1/8" Static Pressure *(23 34 16 00-0080)*		
23 34 16 00-0091	EA	1/2 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	7,063.27	567.40
23 34 16 00-0092	EA	3/4 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	7,285.80	636.06
23 34 16 00-0093	EA	1 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	7,488.89	691.48
23 34 16 00-0094	EA	1-1/2 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	7,765.31	795.09
23 34 16 00-0095	EA	2 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	8,018.45	883.02
23 34 16 00-0096	EA	3 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	8,405.43	1,060.11
23 34 16 00-0097	EA	5 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	8,837.73	1,222.74
23 34 16 00-0098	EA	7-1/2 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	9,447.13	1,590.17
23 34 16 00-0099		36-1/2" Diameter Wheel 5,388 To 22,500 CFM At 1/8" Static Pressure *(23 34 16 00-0080)*		
23 34 16 00-0100	EA	1/2 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	7,538.70	636.06
23 34 16 00-0101	EA	3/4 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	7,748.93	691.48
23 34 16 00-0102	EA	1 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	8,418.98	795.09
23 34 16 00-0103	EA	1-1/2 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	8,870.14	883.02
23 34 16 00-0104	EA	2 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	9,424.41	1,060.11
23 34 16 00-0105	EA	3 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	9,849.20	1,222.74
23 34 16 00-0106	EA	5 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	10,740.32	1,590.17
23 34 16 00-0107	EA	7-1/2 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	11,485.17	1,987.71
23 34 16 00-0108		Kitchen System Fans *(23 34 16 00-0001)*		
23 34 16 00-0109		Upblast Kitchen Exhaust Fans *(23 34 16 00-0108)*		
23 34 16 00-0110		Direct Drive Kitchen Upblast Exhaust Fans *(23 34 16 00-0109)*		
		Note: Greenheck CUE.		
23 34 16 00-0111	EA	Up To 12" Wheel Diameter, 1/6 HP Direct Drive, Kitchen Upblast Exhaust Fan	1,428.65	156.60
		Note: 115V. For roof or wall installations. Includes disconnect switch.		
		For Bird Screen, Add	*63.20*	
		For Backdraft Damper, Add	*176.57*	
		For Damper Motor, Add	*289.07*	
23 34 16 00-0112	EA	14" Wheel Diameter, 1/4 HP Direct Drive, Kitchen Upblast Exhaust Fan	1,679.72	156.60
		Note: 115V. For roof or wall installations. Includes disconnect switch.		
		For Bird Screen, Add	*63.20*	
		For Backdraft Damper, Add	*176.57*	
		For Damper Motor, Add	*289.07*	
23 34 16 00-0113		Belt Drive Kitchen Upblast Exhaust Fans *(23 34 16 00-0109)*		
		Note: Greenheck CUBE.		
23 34 16 00-0114	EA	10" Diameter Wheel, Up To 1/3 HP, 1,458 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan	2,472.81	156.60
		Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.		
		For Bird Screen, Add	*63.20*	
		For Wall Mounted Fan, Add	*98.91*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*183.57*	
		For Backdraft Damper, Add	*176.57*	
		For Damper Motor, Add	*289.07*	
23 34 16 00-0115	EA	12" Diameter Wheel, 1/2 HP, 1,923 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan	2,581.77	156.60
		Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.		
		For Bird Screen, Add	*63.20*	
		For Wall Mounted Fan, Add	*103.27*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*192.83*	
		For Backdraft Damper, Add	*176.57*	
		For Damper Motor, Add	*289.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0116	EA	14" Diameter Wheel, 1/3 HP, 2,006 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	2,209.36	180.71
		For Bird Screen, Add	*71.91*	
		For Wall Mounted Fan, Add	*88.37*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*157.08*	
		For Backdraft Damper, Add	*200.50*	
		For Damper Motor, Add	*289.07*	
23 34 16 00-0117	EA	14" Diameter Wheel, 1 HP, 2,757 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	2,366.26	180.71
		For Bird Screen, Add	*71.91*	
		For Wall Mounted Fan, Add	*94.65*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*170.41*	
		For Backdraft Damper, Add	*200.50*	
		For Damper Motor, Add	*289.07*	
23 34 16 00-0118	EA	16" Diameter Wheel, 1/2 HP, 2,940 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	3,010.52	210.82
		For Bird Screen, Add	*71.91*	
		For Wall Mounted Fan, Add	*120.42*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*220.06*	
		For Backdraft Damper, Add	*200.50*	
		For Damper Motor, Add	*289.07*	
23 34 16 00-0119	EA	16" Diameter Wheel, 1 HP, 3,129 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	3,178.32	210.82
		For Bird Screen, Add	*71.91*	
		For Wall Mounted Fan, Add	*127.13*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*234.32*	
		For Backdraft Damper, Add	*200.50*	
		For Damper Motor, Add	*289.07*	
23 34 16 00-0120	EA	18" Diameter Wheel, 1/2 HP , 3,243 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	3,463.40	225.88
		For Bird Screen, Add	*119.86*	
		For Wall Mounted Fan, Add	*138.54*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*255.99*	
		For Backdraft Damper, Add	*251.30*	
		For Damper Motor, Add	*289.07*	
23 34 16 00-0121	EA	18" Diameter Wheel, 1 HP , 4,223 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	3,724.91	225.88
		For Bird Screen, Add	*119.86*	
		For Wall Mounted Fan, Add	*149.00*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*278.22*	
		For Backdraft Damper, Add	*251.30*	
		For Damper Motor, Add	*289.07*	
23 34 16 00-0122	EA	20" Diameter Wheel, 3/4 HP, 4,438 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	3,785.54	240.94
		For Bird Screen, Add	*119.86*	
		For Wall Mounted Fan, Add	*151.42*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*280.81*	
		For Backdraft Damper, Add	*251.30*	
		For Damper Motor, Add	*289.07*	
23 34 16 00-0123	EA	20" Diameter Wheel, 2 HP, 6,450 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	4,153.82	240.94
		For Bird Screen, Add	*119.86*	
		For Wall Mounted Fan, Add	*166.15*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*312.12*	
		For Backdraft Damper, Add	*251.30*	
		For Damper Motor, Add	*289.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0124	EA	24" Diameter Wheel, 3/4 HP, 5,460 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	4,785.00	271.05
		For Bird Screen, Add	*141.65*	
		For Wall Mounted Fan, Add	*191.40*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*360.65*	
		For Backdraft Damper, Add	*272.25*	
		For Damper Motor, Add	*289.07*	
23 34 16 00-0125	EA	24" Diameter Wheel, 2 HP, 7,985 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	5,122.78	271.05
		For Bird Screen, Add	*141.65*	
		For Wall Mounted Fan, Add	*204.91*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*389.36*	
		For Backdraft Damper, Add	*272.25*	
		For Damper Motor, Add	*289.07*	
23 34 16 00-0126	EA	30" Diameter Wheel, 3/4 HP, 7,771 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch.	6,074.31	301.17
		For Bird Screen, Add	*152.54*	
		For Wall Mounted Fan, Add	*242.97*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*465.12*	
		For Backdraft Damper, Add	*302.16*	
		For Damper Motor, Add	*289.07*	
23 34 16 00-0127	EA	30" Diameter Wheel, 2 HP, 10,192 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch.	6,185.45	301.17
		For Bird Screen, Add	*152.54*	
		For Wall Mounted Fan, Add	*247.42*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*474.56*	
		For Backdraft Damper, Add	*302.16*	
		For Damper Motor, Add	*289.07*	
23 34 16 00-0128	EA	30" Diameter Wheel, 3 HP, 11,903 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch.	6,749.86	301.17
		For Bird Screen, Add	*152.54*	
		For Wall Mounted Fan, Add	*269.99*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*522.54*	
		For Backdraft Damper, Add	*302.16*	
		For Damper Motor, Add	*289.07*	
23 34 16 00-0129	EA	30" Diameter Wheel, 5 HP, 14,266 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch.	7,022.26	301.17
		For Bird Screen, Add	*152.54*	
		For Wall Mounted Fan, Add	*280.89*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*545.69*	
		For Backdraft Damper, Add	*302.16*	
		For Damper Motor, Add	*289.07*	
23 34 16 00-0130	EA	36" Diameter Wheel, 3 HP , 14,769 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch.	7,732.22	331.28
		For Bird Screen, Add	*174.34*	
		For Wall Mounted Fan, Add	*309.29*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*600.92*	
		For Damper Motor, Add	*289.07*	
		For Backdraft Damper, Add	*356.35*	
23 34 16 00-0131	EA	36" Diameter Wheel, 5 HP , 17,884 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch.	8,045.48	331.28
		For Bird Screen, Add	*174.34*	
		For Wall Mounted Fan, Add	*321.82*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*627.55*	
		For Damper Motor, Add	*289.07*	
		For Backdraft Damper, Add	*356.35*	
23 34 16 00-0132	EA	42" Diameter Wheel, 3 HP , 17,316 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 230/460/60/3. Includes bird screen, heat baffle, grease baffle and disconnect switch.	8,114.50	361.40
		For Bird Screen, Add	*174.34*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*628.30*	
		For Damper Motor, Add	*289.07*	
		For Backdraft Damper, Add	*414.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0133	EA	42" Diameter Wheel, 7-1/2 HP , 24,604 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 230/460/60/3. Includes bird screen, heat baffle, grease baffle and disconnect switch.	8,802.25	361.40
		For Bird Screen, Add	*174.34*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*686.76*	
		For Damper Motor, Add	*289.07*	
		For Backdraft Damper, Add	*414.73*	
23 34 16 00-0134		**Untempered Kitchen Make-Up Air Fans** *(23 34 16 00-0108)* Note: Roof mounted with downblast discharge, weatherhood and filter.		
23 34 16 00-0135		**Direct Drive Kitchen Make-Up Air Fans** *(23 34 16 00-0134)*		
23 34 16 00-0136	EA	7" Diameter Wheel, 1/2 HP Direct Drive, Kitchen Make-Up Air Fan Note: 115V. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	1,660.41	156.60
		For Extended Weatherhood, Add	*280.35*	
23 34 16 00-0137	EA	8" Diameter Wheel, 1 HP Direct Drive, Kitchen Make-Up Air Fan Note: 115V. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	1,745.70	156.60
		For Extended Weatherhood, Add	*293.15*	
23 34 16 00-0138	EA	9" Diameter Wheel, 1 HP Direct Drive, Kitchen Make-Up Air Fan Note: 115V. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	1,850.37	156.60
		For Extended Weatherhood, Add	*308.85*	
23 34 16 00-0139		**Belt Drive Kitchen Make-Up Air Fans** *(23 34 16 00-0134)*		
23 34 16 00-0140	EA	9" Diameter Wheel, 1/2 HP Belt Drive, Kitchen Make-Up Air Fan Note: 115/208-230/60/1. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	1,890.97	156.60
		For Extended Weatherhood, Add	*314.94*	
23 34 16 00-0141	EA	10" Diameter Wheel, 1-1/2 HP Belt Drive, Kitchen Make-Up Air Fan Note: 115/208-230/60/1. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	2,115.69	210.82
		For Extended Weatherhood, Add	*359.52*	
23 34 16 00-0142	EA	12" Diameter Wheel, 2 HP Belt Drive, Kitchen Make-Up Air Fan Note: 115/208-230/60/1. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	2,552.11	240.94
		For Extended Weatherhood, Add	*431.00*	
23 34 16 00-0143	EA	15" Diameter Wheel, 3 HP Belt Drive, Kitchen Make-Up Air Fan Note: 230/460/60/3. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	2,955.88	301.17
		For Extended Weatherhood, Add	*503.62*	
23 34 16 00-0144	EA	18" Diameter Wheel, 5 HP Belt Drive, Kitchen Make-Up Air Fan Note: 230/460/60/3. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	3,577.49	361.40
		For Extended Weatherhood, Add	*608.90*	
23 34 16 00-0145		**Replacement Parts** *(23 34 16 00-0001)*		
23 34 16 00-0146		**Replace Belts And Accessories** *(23 34 16 00-0145)*		
23 34 16 00-0147	EA	Fan Shaft Bearing, Replacement	885.50	393.14
23 34 16 00-0148	EA	Fan Belt, Replacement	146.39	53.32
23 34 16 00-0149		**Corrosive Fume Resistant Plastic** *(23 34 16 00-0001)*		
23 34 16 00-0150		**Centrifugal Roof Ventilators, Belt Drive, 1/4" Static Pressure** *(23 34 16 00-0149)*		
23 34 16 00-0151	EA	250 CFM, 1/4 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic	6,515.11	217.41
		For Explosion Proof Motor, Add	*912.05*	
23 34 16 00-0152	EA	895 CFM, 1/3 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic	7,076.40	261.16
		For Explosion Proof Motor, Add	*983.11*	
23 34 16 00-0153	EA	1,630 CFM, 1/2 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic	8,391.45	326.45
		For Explosion Proof Motor, Add	*1,160.78*	
23 34 16 00-0154	EA	2,240 CFM, 1 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic	9,004.42	435.48
		For Explosion Proof Motor, Add	*1,220.01*	
23 34 16 00-0155	EA	3,810 CFM, 2 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic	10,307.78	652.89
		For Explosion Proof Motor, Add	*1,350.30*	
23 34 16 00-0156	EA	11,760 CFM, 5 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic	17,772.83	1,305.78
		For Explosion Proof Motor, Add	*2,274.19*	
23 34 16 00-0157	EA	18,810 CFM, 10 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic	25,922.31	1,866.62
		For Explosion Proof Motor, Add	*3,328.37*	
23 34 16 00-0158		**Utility Set, Centrifugal, Belt Drive** *(23 34 16 00-0149)*		
23 34 16 00-0159	EA	1,200 CFM, 1/4 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	6,515.11	217.41
		For Explosion Proof Motor, Add	*912.05*	
23 34 16 00-0160	EA	1,520 CFM, 1/3 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	6,681.57	261.16
		For Explosion Proof Motor, Add	*923.89*	
23 34 16 00-0161	EA	1,850 CFM, 1/2 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	6,812.15	326.45
		For Explosion Proof Motor, Add	*923.89*	
23 34 16 00-0162	EA	2,180 CFM, 3/4 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	7,030.30	435.48
		For Explosion Proof Motor, Add	*923.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0163	EA	3,600 CFM, 1 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	9,676.06	652.89
		For Explosion Proof Motor, Add	*1,255.54*	
23 34 16 00-0164	EA	4,250 CFM, 1-1/2 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	10,002.52	816.12
		For Explosion Proof Motor, Add	*1,255.54*	
23 34 16 00-0165	EA	4,800 CFM, 2 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	10,238.06	933.89
		For Explosion Proof Motor, Add	*1,255.54*	
23 34 16 00-0166	EA	6,920 CFM, 5 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	10,486.89	979.34
		For Explosion Proof Motor, Add	*1,279.23*	
23 34 16 00-0167	EA	7,700 CFM, 7-1/2 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	10,783.48	1,088.11
		For Explosion Proof Motor, Add	*1,291.08*	
23 34 16 00-0168		In-Line Duct Fans *(23 34 16 00-0001)*		
23 34 16 00-0169		Direct Drive In-Line Duct Fans *(23 34 16 00-0168)*		
		Note: Greenheck SQ.		
23 34 16 00-0170	EA	Up To 10" Wheel Diameter, 1/16 HP Direct Drive, In Line Duct Fan	1,713.72	156.60
		Note: 115V. Includes disconnect switch.		
23 34 16 00-0171	EA	13" Wheel Diameter, 1/6 HP Direct Drive, In Line Duct Fan	2,193.99	168.66
		Note: 115V. Includes disconnect switch.		
23 34 16 00-0172	EA	14" Wheel Diameter, 1/3 HP Direct Drive, In Line Duct Fan	2,406.38	180.71
		Note: 115V. Includes disconnect switch.		
23 34 16 00-0173		Belt Drive In-Line Duct Fans *(23 34 16 00-0168)*		
		Note: Greenheck BSQ.		
23 34 16 00-0174	EA	Up To 12" Wheel Diameter, 1/4 HP Belt Drive, In Line Duct Fan	2,515.30	180.71
		Note: 115/208-230/60/1. Includes disconnect switch.		
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0175	EA	13" Or 14" Wheel Diameter, 1/4 HP Belt Drive, In Line Duct Fan	2,890.52	210.82
		Note: 115/208-230/60/1. Includes disconnect switch.		
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0176	EA	13" Or 14" Wheel Diameter, 3/4 HP Belt Drive, In Line Duct Fan	3,254.04	210.82
		Note: 115/208-230/60/1. Includes disconnect switch.		
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0177	EA	13" Or 14" Wheel Diameter, 1-1/2 HP Belt Drive, In Line Duct Fan	3,563.09	210.82
		Note: 115/208-230/60/1. Includes disconnect switch.		
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0178	EA	16" Or 18" Wheel Diameter, 1/3 HP Belt Drive, In Line Duct Fan	3,465.85	240.94
		Note: 115/208-230/60/1. Includes disconnect switch.		
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0179	EA	16" Or 18" Wheel Diameter, 1-1/2 HP Belt Drive, In Line Duct Fan	3,989.23	240.94
		Note: 115/208-230/60/1. Includes disconnect switch.		
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0180	EA	24" Wheel Diameter, 1 HP Belt Drive, In Line Duct Fan	5,077.11	301.17
		Note: 115/208-230/60/1. Includes disconnect switch.		
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0181	EA	24" Wheel Diameter, 3 HP Belt Drive, In Line Duct Fan	5,366.03	301.17
		Note: 230/460/60/3. Includes disconnect switch.		
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0182	EA	24" Wheel Diameter, 5 HP Belt Drive, In Line Duct Fan	5,569.70	301.17
		Note: Belt drive. 230/460/60/3. Includes disconnect switch.		
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0183	EA	30 Or 36" Wheel Diameter, 3 HP Belt Drive, In Line Duct Fan	6,439.82	361.40
		Note: 230/460/60/3. Includes disconnect switch.		
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0184	EA	30 Or 36" Wheel Diameter, 5 HP Belt Drive, In Line Duct Fan	6,682.91	361.40
		Note: 230/460/60/3. Includes disconnect switch.		
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0185	EA	30 Or 36" Wheel Diameter, 7-1/2 HP Belt Drive, In Line Duct Fan	6,981.65	361.40
		Note: 230/460/60/3. Includes disconnect switch.		
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0186		In-Line Cabinet Fans *(23 34 16 00-0001)*		
23 34 16 00-0187	EA	77 - 124 CFM, 115 Volt, Direct Drive In-Line Cabinet Fan	539.39	105.41
23 34 16 00-0188	EA	91 - 138 CFM, 115 Volt, Direct Drive In-Line Cabinet Fan	539.39	105.41
23 34 16 00-0189	EA	82 - 266 CFM, 115 Volt, Direct Drive In-Line Cabinet Fan	613.49	111.43
23 34 16 00-0190	EA	281 - 412 CFM, 115 Volt, Direct Drive In-Line Cabinet Fan	679.59	111.43
23 34 16 00-0191	EA	190 CFM, 115 Volt, Direct Drive Cabinet Fan	860.15	111.43
23 34 16 00-0192	EA	217 - 447 CFM, 115 Volt, Direct Drive In-Line Cabinet Fan	709.10	111.43
23 34 16 00-0193	EA	325 - 545 CFM, 115 Volt, Direct Drive In-Line Cabinet Fan	812.86	111.43
23 34 16 00-0194	EA	250 - 545 CFM, 115 Volt, 1/6 HP, Direct Drive In-Line Cabinet Fan	1,545.23	111.43
23 34 16 00-0195	EA	419 - 766 CFM, 115 Volt, Direct Drive In-Line Cabinet Fan	957.13	117.45
23 34 16 00-0196	EA	334 - 737 CFM, 115 Volt, Direct Drive In-Line Cabinet Fan	973.41	117.45
23 34 16 00-0197	EA	350 - 737 CFM, 120 Volt, 1/4 HP, Direct Drive In-Line Cabinet Fan	1,608.15	117.45
23 34 16 00-0198	EA	527 - 813 CFM, 115 Volt, Direct Drive In-Line Cabinet Fan	973.41	117.45

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0199	EA	631 - 908 CFM, 115 Volt, Direct Drive In-Line Cabinet Fan	1,314.16	117.45
23 34 16 00-0200	EA	752 - 1244 CFM, 115 Volt, Direct Drive In-Line Cabinet Fan	1,314.16	117.45
23 34 16 00-0201	EA	1043 - 1584 CFM, 115 Volt, 1/3 HP, Direct Drive In-Line Cabinet Fan	1,314.16	117.45
23 34 16 00-0202	EA	999 - 1672 CFM, 115 Volt, Direct Drive In-Line Cabinet Fan	1,428.09	117.45
23 34 16 00-0203		Propeller And Ceiling Fans *(23 34 16)*		
23 34 16 00-0204		Direct Drive, Sidewall Propeller Exhaust Fan *(23 34 16 00-0203)*		
		Note: Greenheck SE1.		
23 34 16 00-0205	EA	1/25 HP, 307 CFM At 1/8" Static Pressure, 8" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan	755.63	128.90
		Note: Includes motor side guard.		
		For Backdraft Damper, Add	*206.31*	
		For Wall Mount Collar, Add	*295.98*	
23 34 16 00-0206	EA	1/12 HP, 763 CFM At 1/8" Static Pressure, 10" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan	799.79	143.36
		Note: Includes motor side guard.		
		For Backdraft Damper, Add	*221.29*	
		For Wall Mount Collar, Add	*295.98*	
23 34 16 00-0207	EA	1/8 HP, 1,149 CFM At 1/8" Static Pressure, 12" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan	885.59	159.02
		Note: Includes motor side guard.		
		For Backdraft Damper, Add	*242.25*	
		For Wall Mount Collar, Add	*303.72*	
23 34 16 00-0208	EA	1/6 HP, 1,350 CFM At 1/8" Static Pressure, 14" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan	1,299.72	175.88
		For Backdraft Damper, Add	*290.06*	
		For Wall Mount Collar, Add	*309.29*	
		For Motor Side Guard, Add	*256.12*	
23 34 16 00-0209	EA	1/6 HP, 2,012 CFM At 1/8" Static Pressure, 16" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan	1,088.66	195.15
		For Backdraft Damper, Add	*290.06*	
		For Wall Mount Collar, Add	*317.04*	
		For Motor Side Guard, Add	*272.57*	
23 34 16 00-0210	EA	1/4 HP, 2,908 CFM At 1/8" Static Pressure, 18" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan	1,222.64	216.84
		For Backdraft Damper, Add	*352.81*	
		For Wall Mount Collar, Add	*324.76*	
		For Motor Side Guard, Add	*289.04*	
23 34 16 00-0211	EA	1/3 HP, 3,974 CFM At 1/8" Static Pressure, 20" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan	1,392.69	240.94
		For Backdraft Damper, Add	*352.81*	
		For Wall Mount Collar, Add	*330.33*	
		For Motor Side Guard, Add	*312.03*	
23 34 16 00-0212		Belt Drive Propeller Exhaust Fans *(23 34 16 00-0203)*		
		Note: Wall shutter 1/8" static pressure, with bird screen.		
23 34 16 00-0213	EA	24" Propeller Exhaust Fan, V-Belt Drive, 5,795 CFM, 1/2 HP, With Wall Shutter	2,587.42	344.54
23 34 16 00-0214	EA	30" Propeller Exhaust Fan, V-Belt Drive, 9,060 CFM, 3/4 HP, With Wall Shutter	2,963.16	401.16
23 34 16 00-0215	EA	36" Propeller Exhaust Fan, V-Belt Drive, 11,850 CFM, 1 HP, With Wall Shutter	3,360.61	481.87
23 34 16 00-0216	EA	42" Propeller Exhaust Fan, V-Belt Drive, 17,400 CFM, 1-1/2 HP, With Wall Shutter	4,681.18	602.34
23 34 16 00-0217	EA	48" Propeller Exhaust Fan, V-Belt Drive, 19,870 CFM, 1-1/2 HP, With Wall Shutter	5,582.11	803.52
23 34 16 00-0218	EA	54" Propeller Exhaust Fan, V-Belt Drive, 26,000 CFM, 2 HP, With Wall Shutter	7,750.91	1,204.67
23 34 16 00-0219	EA	60" Propeller Exhaust Fan, V-Belt Drive, 35,120 CFM, 3 HP, With Wall Shutter	9,300.54	1,544.39
23 34 16 00-0220		Propeller Exhaust Fan Accessories *(23 34 16 00-0203)*		
23 34 16 00-0221	SF	Hinged Mesh Screen For Wall Propeller Fans, 1" x 1" Frame (SF Of Fan Opening)	132.89	
23 34 16 00-0222	SF	Galvanized Weather Hood For Wall Propeller Fan (SF Of Fan Opening)	306.20	
23 34 16 00-0223		Reversible Ceiling Fans *(23 34 16 00-0203)*		
23 34 16 00-0224		4 Blade Ceiling Fans *(23 34 16 00-0223)*		
23 34 16 00-0225	EA	42" 4-Blade Ceiling Fan, Three Speed	604.52	63.60
		For Brass Plated Motor, Add	*20.25*	
		For Light Kit, Add	*26.06*	
23 34 16 00-0226		5 Blade Ceiling Fans *(23 34 16 00-0223)*		
23 34 16 00-0227	EA	42" 5-Blade Ceiling Fan, Three Speed	661.74	157.40
		For Brass Plated Motor, Add	*20.25*	
		For Light Kit, Add	*26.12*	
23 34 16 00-0228	EA	52" 5-Blade Ceiling Fan, Three Speed	755.72	157.40
		For Brass Plated Motor, Add	*20.25*	
		For Light Kit, Add	*26.25*	
23 34 16 00-0229		3 Blade Weatherproof Ceiling Fans *(23 34 16 00-0223)*		
23 34 16 00-0230	EA	3-Blade Ceiling Fan, Weatherproof, Three Speed	623.13	59.63
23 34 16 00-0231		Ceiling Fan Down Rod *(23 34 16 00-0223)*		
23 34 16 00-0232	EA	1' Ceiling Fan Down Rod	24.18	
23 34 16 00-0233	EA	1-1/2' Ceiling Fan Down Rod	31.86	
23 34 16 00-0234	EA	2' Ceiling Fan Down Rod	35.70	
23 34 16 00-0235	EA	3' Ceiling Fan Down Rod	48.06	
23 34 16 00-0236	EA	4' Ceiling Fan Down Rod	56.19	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0237	EA	5' Ceiling Fan Down Rod	69.12	
23 34 16 00-0238	EA	6' Ceiling Fan Down Rod	86.54	
23 34 16 00-0239		**Exhaust Fans** *(23 34 16)*		
23 34 16 00-0240		**Exhaust Fans** *(23 34 16 00-0239)* Note: Excludes ducting.		
23 34 16 00-0241		**Light Duty Exhaust Fans** *(23 34 16 00-0240)*		
23 34 16 00-0242		**Light Duty Exhaust Fans** *(23 34 16 00-0241)*		
23 34 16 00-0243	EA	80 CFM, Single Speed, Ceiling Bathroom Exhaust Fan Without Light (NuTone InVent Series AEN80)	256.51	51.40
23 34 16 00-0244	EA	110 CFM, Single Speed, Ceiling Bathroom Exhaust Fan Without Light (NuTone InVent Series AEN110)	289.18	51.40
23 34 16 00-0245	EA	50 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan Without Light (Broan® 670)	157.88	51.40
23 34 16 00-0246	EA	70 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan Without Light (Broan® 671)	167.09	51.40
23 34 16 00-0247	EA	180 CFM, Ceiling Mounted, Polymeric Intake Grille, Vertical Discharge, Light Duty Exhaust Fan Without Light (Broan® 505)	277.55	51.40
23 34 16 00-0248	EA	350 CFM, Ceiling Mounted, Polymeric Intake Grille, Vertical Discharge, Light Duty Exhaust Fan Without Light (Broan® 504)	351.42	51.40
23 34 16 00-0249	EA	160 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Side Discharge, Light Duty Exhaust Fan Without Light (Broan® 503)	313.92	51.40
23 34 16 00-0250	EA	270 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Side Discharge, Light Duty Exhaust Fan Without Light (Broan® 502)	418.81	51.40
23 34 16 00-0251		**Light Duty Exhaust Fans With Lights** *(23 34 16 00-0241)*		
23 34 16 00-0252	EA	50 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Light (Broan® 678)	207.10	51.40
23 34 16 00-0253	EA	70 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Light (Broan® 679)	230.15	51.40
23 34 16 00-0254	EA	100 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Light (Broan® 680)	432.89	51.40
23 34 16 00-0255	EA	80 CFM, Single Speed, Ceiling Bathroom Exhaust Fan With LED Light (NuTone InVent Series AEN80L)	388.50	51.40
23 34 16 00-0256	EA	110 CFM, Single Speed, Ceiling Bathroom Exhaust Fan With LED Light (NuTone InVent Series AEN110L)	406.36	51.40
23 34 16 00-0257		**Light Duty Exhaust Fans With Heaters** *(23 34 16 00-0241)*		
23 34 16 00-0258	EA	70 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Heater Bulb (Broan® 162)	212.09	51.40
23 34 16 00-0259	EA	70 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Heater (Broan® 658)	338.50	51.40
23 34 16 00-0260		**Light Duty Exhaust Fans With Heaters And Lights** *(23 34 16 00-0241)*		
23 34 16 00-0261	EA	70 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Heater And Light (Broan® 655)	360.41	51.40
23 34 16 00-0262	EA	100 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Heater And Light (Broan® 100HL)	548.56	51.40
23 34 16 00-0263		**Heavy-Duty/Continuous Operation Exhaust Fans** *(23 34 16 00-0240)*		
23 34 16 00-0264		**Heavy-Duty/Continuous Operation Exhaust Fans** *(23 34 16 00-0263)* Note: Includes enamel steel or aluminum grille.		
23 34 16 00-0265	EA	50 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy-Duty/Continuous Operation Exhaust Fan (Broan® HD50)	246.90	51.40
23 34 16 00-0266	EA	80 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy-Duty/Continuous Operation Exhaust Fan (Broan® HD80)	273.32	51.40
23 34 16 00-0267	EA	109 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy-Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L100MG)	501.99	51.40
23 34 16 00-0268	EA	157 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy-Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L150MG)	514.24	51.40
23 34 16 00-0269	EA	210 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy-Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L200MG)	552.35	51.40
23 34 16 00-0270	EA	259 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy-Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L250MG)	576.70	51.40
23 34 16 00-0271	EA	308 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy-Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L300MG)	586.13	51.40
23 34 16 00-0272	EA	434 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy-Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L400)	671.20	51.40
23 34 16 00-0273	EA	514 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy-Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L500)	765.03	51.40
23 34 16 00-0274	EA	701 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy-Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L700)	818.47	51.40
23 34 16 00-0275	EA	901 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy-Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L900)	974.60	51.40
23 34 16 00-0276	EA	1,513 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy-Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L1500)	1,252.72	51.40
23 34 16 00-0277		**Heavy-Duty/Continuous Operation Kitchen Exhaust Fans** *(23 34 16 00-0263)* Note: Includes enamel steel or aluminum grille.		
23 34 16 00-0278	EA	308 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Kitchen Heavy-Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L300KMG)	521.37	51.40
23 34 16 00-0279	EA	434 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Kitchen Heavy-Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L400K)	758.01	51.40
23 34 16 00-0280	EA	514 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Kitchen Heavy-Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L500K)	801.84	51.40

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0281		**Heavy-Duty/Continuous Operation Exhaust Fans With Lights** *(23 34 16 00-0263)*		
23 34 16 00-0282	EA	50 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Heavy-Duty/Continuous Operation Exhaust Fan With Light (Broan® HD50L)	268.54	51.40
23 34 16 00-0283	EA	80 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Heavy-Duty/Continuous Operation Exhaust Fan With Light (Broan® HD80L)	293.35	51.40
23 34 16 00-0284		**Fire Rated, Heavy-Duty/Continuous Operation Exhaust Fans** *(23 34 16 00-0263)*		
23 34 16 00-0285	EA	50 CFM, Ceiling Mounted, Metal Intake Grille, Fire Rated, Heavy-Duty/Continuous Operation Exhaust Fan (Broan® HD50RDF)	279.43	51.40
23 34 16 00-0286	EA	80 CFM, Ceiling Mounted, Metal Intake Grille, Fire Rated, Heavy-Duty/Continuous Operation Exhaust Fan (Broan® HD80RDF)	295.86	51.40
23 34 16 00-0287	EA	110 CFM, Ceiling Mounted, Metal Intake Grille, Fire Rated, Heavy-Duty/Continuous Operation Exhaust Fan (Broan® 110RDF)	303.79	51.40
23 34 16 00-0288		**Low Sound, Direct Drive, Centrifugal Ceiling Exhaust Fans** *(23 34 16 00-0240)*		
23 34 16 00-0289	EA	900 CFM Low Sound, Direct Drive Centrifugal Ceiling Exhaust Fan (Greenheck SP-A900)	1,344.97	51.40
23 34 16 00-0290	EA	1050 CFM Low Sound, Direct Drive Centrifugal Ceiling Exhaust Fan (Greenheck SP-A1050)	1,344.97	51.40
23 34 16 00-0291	EA	1410 CFM Low Sound, Direct Drive Centrifugal Ceiling Exhaust Fan (Greenheck SP-A1410)	1,344.97	51.40
23 34 16 00-0292	EA	1550 CFM Low Sound, Direct Drive Centrifugal Ceiling Exhaust Fan (Greenheck SP-A1550)	1,476.19	51.40
23 34 16 00-0293		**Room-To-Room Exhaust Fans** *(23 34 16 00-0240)*		
23 34 16 00-0294	EA	90 CFM, Polymeric Grilles, Wall Mounted, Room-To-Room Exhaust Fan (Broan® 512)	200.89	51.40
23 34 16 00-0295	EA	180 CFM, Polymeric Grilles, Wall Mounted, Room-To-Room Exhaust Fan (Broan® 511)	335.06	51.40
23 34 16 00-0296	EA	380 CFM, Polymeric Grilles, Wall Mounted, Room-To-Room Exhaust Fan (Broan® 510)	383.95	51.40
23 34 16 00-0297		**Through-Wall Exhaust Fans** *(23 34 16 00-0240)*		
23 34 16 00-0298	EA	250 CFM, Wall Mounted, Polymeric Intake Grille, Chain Operated, Through Wall Exhaust Fan (Broan® 507)	358.39	51.40
23 34 16 00-0299	EA	470 CFM, Wall Mounted, Polymeric Intake Grille, Chain Operated, Through Wall Exhaust Fan (Broan® 506)	425.78	51.40
23 34 16 00-0300	EA	180 CFM, Wall Mounted, Polymeric Intake Grille, Through-Wall Exhaust Fan (Broan® 509)	312.06	51.40
23 34 16 00-0301	EA	270 CFM, Wall Mounted, Polymeric Intake Grille, Through-Wall Exhaust Fan (Broan® 508)	418.81	51.40
23 34 16 00-0302	EA	360 CFM, Wall Mounted, Polymeric Intake Grille, Through-Wall Exhaust Fan With Motorized Door (Broan® 12C)	734.82	51.40
23 34 16 00-0303		**Exhaust Fan Accessories** *(23 34 16 00-0240)*		
23 34 16 00-0304		**Exhaust Fan Controls** *(23 34 16 00-0303)*		
23 34 16 00-0305	EA	Electronic Variable Speed Control Dial, Single Gang, Exhaust Fan Controls (Broan® 57)	196.69	32.13
23 34 16 00-0306	EA	60-Minute Time Control Dial, Single Gang, Exhaust Fan Controls (Broan® 59)	137.09	32.13
23 34 16 00-0307	EA	60-Minute Time Control Dial With Rocker Switch, Double Gang, Exhaust Fan Controls (Broan® 61)	138.50	32.13
23 34 16 00-0308		**Roof And Wall Caps For Exhaust Fans** *(23 34 16 00-0303)*		
23 34 16 00-0309		**Wall Caps For Exhaust Fans** *(23 34 16 00-0308)*		
23 34 16 00-0310	EA	Aluminum Wall Cap For Up To 12" Duct, Installed On Exterior Walls (Broan® 613)	314.91	65.41
23 34 16 00-0311	EA	Aluminum Wall Cap For Up To 18" Duct, Installed On Exterior Walls (Broan® 643)	319.61	65.41
23 34 16 00-0312		**Roof Caps For Exhaust Fans** *(23 34 16 00-0308)* Note: Includes flashing and built in bird screen.		
23 34 16 00-0313	EA	Aluminum Roof Cap For Up To 8" Duct, Installed On Flat Roofs (Broan® 611)	266.49	65.41
23 34 16 00-0314	EA	Aluminum Roof Cap For Up To 12" Duct, Installed On Flat Roofs (Broan® 612)	388.34	65.41
23 34 16 00-0315	EA	CRCQ Steel Roof Cap For Up To 4" Duct, Installed On Sloped Roofs (Broan® 636)	172.82	65.41
23 34 16 00-0316	EA	CRCQ Steel Roof Cap For Up To 8" Duct, Installed On Sloped Roofs (Broan® 634)	209.37	65.41
23 34 16 00-0317		**Removal And Reinstallation Of Light Duty Ceiling Exhaust Fan** *(23 34 16 00-0240)* Note: Includes storage and cleaning.		
23 34 16 00-0318	EA	Removal And Reinstallation Of Light Duty Ceiling Exhaust Fan	90.35	
23 34 23		**HVAC Power Ventilators** *(23 34)*		
23 34 23 00-0001		**Power Roof Ventilators** *(23 34 23)*		
23 34 23 00-0002		**Direct Drive, Aluminum, Centrifugal Roof Exhausters** *(23 34 23 00-0001)* Note: Greenheck G.		
23 34 23 00-0003	EA	1/25 HP, 310 CFM At 1/4" Static Pressure, 17" x 17" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster Note: Three speed motor.	659.64	172.27
		For 12" Roof Curb, Add	*229.42*	
		For Backdraft Damper, Add	*164.57*	
		For Solid State Speed Control, Add	*120.10*	
		For Damper Motor, Add	*289.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 23 00-0004	EA	1/8 HP, 863 CFM At 1/4" Static Pressure, 17" x 17" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster Note: Three speed motor.	721.56	195.15
		For 12" Roof Curb, Add	*229.42*	
		For Backdraft Damper, Add	*164.57*	
		For Solid State Speed Control, Add	*120.10*	
		For Damper Motor, Add	*289.07*	
23 34 23 00-0005	EA	1/6 HP, 1,213 CFM At 1/4" Static Pressure, 19" x 19" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster	1,028.55	227.68
		For 12" Roof Curb, Add	*235.96*	
		For Backdraft Damper, Add	*176.57*	
		For Solid State Speed Control, Add	*120.10*	
		For Damper Motor, Add	*289.07*	
23 34 23 00-0006	EA	1/4 HP, 1,374 CFM At 1/4" Static Pressure, 19" x 19" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster	1,060.45	256.59
		For 12" Roof Curb, Add	*235.96*	
		For Backdraft Damper, Add	*176.57*	
		For Solid State Speed Control, Add	*120.10*	
		For Damper Motor, Add	*289.07*	
23 34 23 00-0007	EA	1/3 HP, 1,905 CFM At 1/4" Static Pressure, 22" x 22" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster	1,360.39	283.10
		For Solid State Speed Control, Add	*120.10*	
		For Damper Motor, Add	*289.07*	
23 34 23 00-0008	EA	1/2 HP, 3,072 CFM At 1/4" Static Pressure, 22" x 22" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster	1,542.94	301.17
		For 12" Roof Curb, Add	*246.85*	
		For Backdraft Damper, Add	*200.50*	
		For Solid State Speed Control, Add	*187.66*	
		For Damper Motor, Add	*289.07*	
23 34 23 00-0009		**Belt Drive, Aluminum, Centrifugal Roof Exhausters** *(23 34 23 00-0001)* Note: Greenheck GB.		
23 34 23 00-0010	EA	1/4 HP, 1,556 CFM At 1/4" Static Pressure, 19" x 19" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	1,524.19	306.70
		For 12" Roof Curb, Add	*235.96*	
		For Backdraft Damper, Add	*176.57*	
		For Damper Motor, Add	*289.07*	
23 34 23 00-0011	EA	1/3 HP, 1,966 CFM At 1/4" Static Pressure, 22" x 22" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	1,661.98	325.58
		For 12" Roof Curb, Add	*246.85*	
		For Backdraft Damper, Add	*200.50*	
		For Damper Motor, Add	*289.07*	
23 34 23 00-0012	EA	1/2 HP, 2,943 CFM At 1/4" Static Pressure, 22" x 22" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	2,248.90	389.11
		For 12" Roof Curb, Add	*246.85*	
		For Backdraft Damper, Add	*200.50*	
		For Damper Motor, Add	*289.07*	
23 34 23 00-0013	EA	3/4 HP, 4,289 CFM At 1/4" Static Pressure, 30" x 30" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	2,868.18	481.87
		For 12" Roof Curb, Add	*299.15*	
		For Backdraft Damper, Add	*251.30*	
		For Damper Motor, Add	*289.07*	
23 34 23 00-0014	EA	1 HP, 6,157 CFM At 1/4" Static Pressure, 34" x 34" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	3,782.47	602.34
		For 12" Roof Curb, Add	*323.13*	
		For Backdraft Damper, Add	*272.25*	
		For Damper Motor, Add	*289.07*	
23 34 23 00-0015	EA	1-1/2 HP, 8,906 CFM At 1/4" Static Pressure, 40" x 40" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	6,127.92	752.92
		For 12" Roof Curb, Add	*360.17*	
		For Backdraft Damper, Add	*302.16*	
		For Damper Motor, Add	*289.07*	
23 34 23 00-0016	EA	2 HP, 10,059 CFM At 1/4" Static Pressure, 40" x 40" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	6,180.22	752.92
		For 12" Roof Curb, Add	*360.17*	
		For Backdraft Damper, Add	*302.16*	
		For Damper Motor, Add	*289.07*	
23 34 23 00-0017	EA	3 HP, 11,703 CFM At 1/4" Static Pressure, 40" x 40" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	6,744.64	752.92
		For 12" Roof Curb, Add	*360.17*	
		For Backdraft Damper, Add	*302.16*	
		For Damper Motor, Add	*289.07*	
23 34 23 00-0018	EA	5 HP, 13,897 CFM At 1/4" Static Pressure, 40" x 40" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	5,456.90	752.92
		For 12" Roof Curb, Add	*360.17*	
		For Backdraft Damper, Add	*302.16*	
		For Damper Motor, Add	*289.07*	
23 34 23 00-0019		**Propeller Exhaust Fans, Roof Mounted Upblast** *(23 34 23 00-0001)* Note: Includes back draft damper and bird screen and curb.		
23 34 23 00-0020	EA	30,300 CFM Belt Drive 5 HP Propeller Exhaust Fan, Roof Mounted, 3/8" Static Pressure	8,797.95	926.39
23 34 23 00-0021	EA	36,000 CFM Belt Drive 15 HP Propeller Exhaust Fan, Roof Mounted, 1/2" Static Pressure	14,456.23	1,204.32
23 34 23 00-0022		**Belt Drive Supply Fans** *(23 34 23 00-0001)*		
23 34 23 00-0023	EA	4,500 CFM, 24" x 24" Supply Fan, Roof Mounted	3,462.18	481.03
23 34 23 00-0024	EA	10,000 CFM, 36" x 36" Supply Fan, Roof Mounted	4,685.07	602.22
23 34 23 00-0025		**Fan Thermostat** *(23 34 23 00-0001)*		
23 34 23 00-0026	EA	50 To 120 Degree Line Voltage Fan Thermostat	152.10	
23 34 23 00-0027		**Power Wall Ventilators** *(23 34 23)*		
23 34 23 00-0028		**Centrifugal Sidewall Exhausters** *(23 34 23 00-0027)*		

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 23 00-0029		Direct Drive, Aluminum, Centrifugal Sidewall Exhauster *(23 34 23 00-0028)* Note: Greenheck CW.		
23 34 23 00-0030	EA	1/25 HP, 297 CFM At 1/4" Static Pressure, Direct Drive, Aluminum, Centrifugal Sidewall Exhauster	868.23	193.95
		For Solid State Speed Control, Add	*187.66*	
		For Backdraft Damper, Add	*230.15*	
		For Damper Motor, Add	*499.10*	
		For Interior Wall Grill, Add	*142.80*	
23 34 23 00-0031	EA	1/8 HP, 861 CFM At 1/4" Static Pressure, Direct Drive, Aluminum, Centrifugal Sidewall Exhauster	996.71	227.68
		For Solid State Speed Control, Add	*187.66*	
		For Backdraft Damper, Add	*254.08*	
		For Damper Motor, Add	*499.10*	
		For Interior Wall Grill, Add	*170.15*	
23 34 23 00-0032	EA	1/6 HP, 1,179 CFM At 1/4" Static Pressure, Direct Drive, Aluminum, Centrifugal Sidewall Exhauster	1,482.82	256.59
		For Solid State Speed Control, Add	*187.66*	
		For Backdraft Damper, Add	*286.97*	
		For Damper Motor, Add	*499.10*	
		For Interior Wall Grill, Add	*197.51*	
23 34 23 00-0033		Belt Drive, Aluminum, Centrifugal Sidewall Exhausters *(23 34 23 00-0028)* Note: Greenheck CWB.		
23 34 23 00-0034	EA	1/4 HP, 1,633 CFM At 1/4" Static Pressure, Belt Drive, Aluminum, Centrifugal Sidewall Exhauster	2,676.11	144.94
		For Solid State Speed Control, Add	*187.66*	
		For Backdraft Damper, Add	*264.90*	
		For Damper Motor, Add	*499.10*	
		For Interior Wall Grill, Add	*301.14*	
23 34 23 00-0035	EA	1/2 HP, 2,291 CFM At 1/4" Static Pressure, Belt Drive, Aluminum, Centrifugal Sidewall Exhauster	2,825.99	163.23
		For Solid State Speed Control, Add	*187.66*	
		For Backdraft Damper, Add	*264.90*	
		For Damper Motor, Add	*499.10*	
		For Interior Wall Grill, Add	*301.14*	
23 34 23 00-0036	EA	3/4 HP, 3,646 CFM At 1/4" Static Pressure, Belt Drive, Aluminum, Centrifugal Sidewall Exhauster	3,472.28	186.72
		For Solid State Speed Control, Add	*187.66*	
		For Backdraft Damper, Add	*332.83*	
		For Damper Motor, Add	*499.10*	
		For Interior Wall Grill, Add	*350.28*	
23 34 33		**Air Curtains** *(23 34)*		
23 34 33 00-0001		Unheated Air Curtains For Entrances *(23 34 33)*		
23 34 33 00-0002		Unheated Air Curtains, Standard Velocity *(23 34 33 00-0001)*		
23 34 33 00-0003	EA	Air Curtain For 3' x 8' - 10' Personnel Entrance, Unheated Note: Includes housing, mounting brackets and manual controls.	2,582.84	883.02
		For Door Limit Switch, Combination Roller And Plunger, Add	*208.07*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*566.42*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*420.77*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*647.33*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0004	EA	Air Curtain For 3.5' x 8' - 10' Personnel Entrance, Unheated Note: Includes housing, mounting brackets and manual controls.	2,619.44	883.02
		For Door Limit Switch, Combination Roller And Plunger, Add	*208.07*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*566.42*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*420.77*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*647.33*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0005	EA	Air Curtain For 4' x 8' - 10' Personnel Entrance, Unheated Note: Includes housing, mounting brackets and manual controls.	2,659.08	883.02
		For Door Limit Switch, Combination Roller And Plunger, Add	*208.07*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*566.42*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*420.77*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*647.33*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0006	EA	Air Curtain For 5' x 8' - 10' Personnel Entrance, Unheated Note: Includes housing, mounting brackets and manual controls.	3,314.79	883.02
		For Door Limit Switch, Combination Roller And Plunger, Add	*208.07*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*566.42*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*420.77*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*647.33*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 33 00-0007	EA	Air Curtain For 6' x 8' - 10' Personnel Entrance, Unheated	3,759.39	1,060.11
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*208.07*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*566.42*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*420.77*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*647.33*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0008	EA	Air Curtain For 7' x 8' - 10' Personnel Entrance, Unheated	3,988.12	1,060.11
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*208.07*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*566.42*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*420.77*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*647.33*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0009	EA	Air Curtain For 8' x 8' - 10' Personnel Entrance, Unheated	4,418.23	1,222.74
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*208.07*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*566.42*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*420.77*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*647.33*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0010	EA	Air Curtain For 9' x 8' - 10' Personnel Entrance, Unheated	5,331.65	1,222.74
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*208.07*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*566.42*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*420.77*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*647.33*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0011	EA	Air Curtain For 10' x 8' - 10' Personnel Entrance, Unheated	5,447.54	1,222.74
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*208.07*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*566.42*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*420.77*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*647.33*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0012	EA	Air Curtain For 12' x 8' - 10' Personnel Entrance, Unheated	5,755.57	1,222.74
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*208.07*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*566.42*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*420.77*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*647.33*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	

23 34 33 00-0013 Unheated Air Curtains, High Velocity *(23 34 33 00-0001)*

23 34 33 00-0014	EA	High Velocity Air Curtain For 3' x 10' - 12' Entrance, Unheated	3,189.75	883.02
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*208.07*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*355.45*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0015	EA	High Velocity Air Curtain For 3.5' x 10' - 12' Entrance, Unheated	3,237.02	883.02
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*208.07*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*355.45*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0016	EA	High Velocity Air Curtain For 4' x 10' - 12' Entrance, Unheated	3,256.84	883.02
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*208.07*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*355.45*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 33 00-0017	EA	High Velocity Air Curtain For 5' x 10' - 12' Entrance, Unheated	3,294.97	883.02
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*208.07*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*355.45*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0018	EA	High Velocity Air Curtain For 6' x 10' - 12' Entrance, Unheated	5,150.10	1,060.11
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*208.07*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*355.45*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0019	EA	High Velocity Air Curtain For 7' x 10' - 12' Entrance, Unheated	5,384.93	1,060.11
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*208.07*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*355.45*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0020	EA	High Velocity Air Curtain For 8' x 10' - 12' Entrance, Unheated	5,728.12	1,222.74
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*208.07*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*355.45*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0021	EA	High Velocity Air Curtain For 9' x 10' - 12' Entrance, Unheated	6,540.89	1,222.74
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*208.07*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*355.45*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0022	EA	High Velocity Air Curtain For 10' x 10' - 12' Entrance, Unheated	6,626.29	1,222.74
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*208.07*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*355.45*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0023	EA	High Velocity Air Curtain For 12' x 10' - 12' Entrance, Unheated	6,958.72	1,222.74
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*208.07*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*355.45*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	

23 34 33 00-0024 Service Window Unheated Air Curtains *(23 34 33 00-0001)*

Note: Normal window sizes.

23 34 33 00-0025	EA	Air Curtain For 2.5' x 5' Service Window, Unheated	2,281.77	696.30
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*208.07*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	

23 34 33 00-0026 Heated Air Curtains For Entrances *(23 34 33)*

Note: Includes housing, mounting brackets and manual controls.

23 34 33 00-0027	EA	60" Heated Air Curtain With 1- 300 MBH Heater	4,364.36	777.62
		For Door Limit Switch, Combination Roller And Plunger, Add	*208.07*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0028	EA	60" Heated Air Curtain With 1- 400 MBH Heater	4,738.86	777.62
		For Door Limit Switch, Combination Roller And Plunger, Add	*208.07*	
		For Flat Side Extension Plates, Add	*177.73*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 33 00-0029		EA	72" Heated Air Curtain With 1- 350 MBH Heater	5,236.46	933.02
			For Door Limit Switch, Combination Roller And Plunger, Add	*208.07*	
			For Flat Side Extension Plates, Add	*177.73*	
			For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
			For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
			For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0030		EA	72" Heated Air Curtain With 2- 250 MBH Heaters	5,685.86	933.02
			For Door Limit Switch, Combination Roller And Plunger, Add	*208.07*	
			For Flat Side Extension Plates, Add	*177.73*	
			For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
			For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
			For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0031		EA	96" Heated Air Curtain With 1- 400 MBH Heater	6,980.92	1,243.82
			For Door Limit Switch, Combination Roller And Plunger, Add	*208.07*	
			For Flat Side Extension Plates, Add	*177.73*	
			For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
			For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
			For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0032		EA	96" Heated Air Curtain With 2- 350 MBH Heaters	7,580.12	1,243.82
			For Door Limit Switch, Combination Roller And Plunger, Add	*208.07*	
			For Flat Side Extension Plates, Add	*177.73*	
			For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
			For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
			For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0033		EA	117" Heated Air Curtain With 2- 300 MBH Heaters	8,506.91	1,515.48
			For Door Limit Switch, Combination Roller And Plunger, Add	*208.07*	
			For Flat Side Extension Plates, Add	*177.73*	
			For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
			For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
			For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0034		EA	117" Heated Air Curtain With 2- 400 MBH Heaters	9,237.18	1,515.48
			For Door Limit Switch, Combination Roller And Plunger, Add	*208.07*	
			For Flat Side Extension Plates, Add	*177.73*	
			For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
			For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
			For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0035		EA	147" Heated Air Curtain With 2- 350 MBH Heaters	10,688.85	1,903.98
			For Door Limit Switch, Combination Roller And Plunger, Add	*208.07*	
			For Flat Side Extension Plates, Add	*177.73*	
			For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
			For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
			For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0036		EA	147" Heated Air Curtain With 3- 350 MBH Heaters	12,505.17	1,903.98
			For Door Limit Switch, Combination Roller And Plunger, Add	*208.07*	
			For Flat Side Extension Plates, Add	*177.73*	
			For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
			For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
			For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0037		EA	168" Heated Air Curtain With 2- 400 MBH Heaters	12,216.62	2,176.24
			For Door Limit Switch, Combination Roller And Plunger, Add	*208.07*	
			For Flat Side Extension Plates, Add	*177.73*	
			For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
			For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
			For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0038		EA	168" Heated Air Curtain With 3- 400 MBH Heaters	14,291.97	2,176.24
			For Door Limit Switch, Combination Roller And Plunger, Add	*208.07*	
			For Flat Side Extension Plates, Add	*177.73*	
			For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
			For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
			For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0039		EA	192" Heated Air Curtain With 2- 400 MBH Heaters	13,957.75	2,487.04
			For Door Limit Switch, Combination Roller And Plunger, Add	*208.07*	
			For Flat Side Extension Plates, Add	*177.73*	
			For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
			For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
			For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	
23 34 33 00-0040		EA	192" Heated Air Curtain With 4- 350 MBH Heaters	16,329.58	2,487.04
			For Door Limit Switch, Combination Roller And Plunger, Add	*208.07*	
			For Flat Side Extension Plates, Add	*177.73*	
			For Clearance Adjustable-Angle Mounting Bracket, Add	*355.45*	
			For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*426.54*	
			For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*450.24*	

23 35 Special Exhaust Systems *(23 30)*

23 35 13 Dust Collection Systems *(23 35)*

23 35 13 13 Sawdust Collection Systems *(23 35 13)*

23 35 13 13-0001 Dust Collector System *(23 35 13 13)*

23 35 13 13-0002		EA	1.5 HP Dust Collector Central Vacuum Unit Note: Includes fan bower, stand, cyclone, filter, silencer and 35 gallon fiber drum dust bin.	4,725.04	1,044.63
23 35 13 13-0003		EA	2 HP Dust Collector Central Vacuum Unit Note: Includes fan bower, stand, cyclone, filter, silencer and 35 gallon fiber drum dust bin.	5,298.86	1,240.50

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 35 13 13-0004	EA	2-1/2 HP Dust Collector Central Vacuum Unit Note: Includes fan bower, stand, cyclone, filter, silencer and 35 gallon fiber drum dust bin.	6,365.14	1,436.36
23 35 13 13-0005	EA	3 HP Dust Collector Central Vacuum Unit Note: Includes fan bower, stand, cyclone, filter, silencer and 35 gallon fiber drum dust bin.	7,261.46	1,697.52
23 35 13 13-0006	EA	5 HP Dust Collector Central Vacuum Unit Note: Includes fan bower, stand, cyclone, filter, silencer and 55 gallon fiber drum dust bin.	15,215.49	1,910.02
23 35 13 13-0007	EA	7-1/2 HP Dust Collector Central Vacuum Unit Note: Includes fan bower, stand, cyclone, filter, silencer and 55 gallon fiber drum dust bin.	18,459.31	2,228.36
23 35 13 13-0008	EA	10 HP Dust Collector Central Vacuum Unit Note: Includes fan bower, stand, cyclone, filter, silencer and 55 gallon fiber drum dust bin.	21,144.43	2,546.69
23 35 13 13-0009	EA	15 HP Dust Collector Central Vacuum Unit Note: Includes fan bower, stand, cyclone, filter, silencer and two 55 gallon fiber drum dust bin.	23,776.33	2,928.70
23 35 13 13-0010	EA	20 HP Dust Collector Central Vacuum Unit Note: Includes fan bower, stand, cyclone, filter, silencer and two 55 gallon fiber drum dust bin.	26,531.32	3,310.70
23 35 13 13-0011		Vacuum Tubing And Accessories *(23 35 13 13)*		
23 35 13 13-0012		Vacuum Tubing *(23 35 13 13-0011)*		
23 35 13 13-0013		Flexible Hose *(23 35 13 13-0012)*		
23 35 13 13-0014	LF	2" Flexible Hose	13.34	2.16
23 35 13 13-0015	LF	3" Flexible Hose	15.97	2.41
23 35 13 13-0016	LF	4" Flexible Hose	17.34	2.65
23 35 13 13-0017		Galvanized Vacuum Tubing *(23 35 13 13-0012)*		
23 35 13 13-0018	LF	2-1/8" Outside Diameter Vacuum Tubing, Galvanized	11.46	2.16
23 35 13 13-0019	LF	2-1/2" Outside Diameter Vacuum Tubing, Galvanized	12.84	2.29
23 35 13 13-0020	LF	3" Outside Diameter Vacuum Tubing, Galvanized	15.28	2.41
23 35 13 13-0021	LF	3-1/2" Outside Diameter Vacuum Tubing, Galvanized	19.90	2.53
23 35 13 13-0022	LF	4" Outside Diameter Vacuum Tubing, Galvanized	20.47	2.65
23 35 13 13-0023	LF	5" Outside Diameter Vacuum Tubing, Galvanized	33.88	3.01
23 35 13 13-0024	LF	6" Outside Diameter Vacuum Tubing, Galvanized	38.19	3.49
23 35 13 13-0025	LF	8" Outside Diameter Vacuum Tubing, Galvanized	51.66	4.82
23 35 13 13-0026	LF	10" Outside Diameter Vacuum Tubing, Galvanized	60.51	6.02
23 35 13 13-0027	LF	12" Outside Diameter Vacuum Tubing, Galvanized	150.82	7.95
23 35 13 13-0028		Vacuum Fittings, Galvanized *(23 35 13 13-0011)*		
23 35 13 13-0029		90 Degree Elbow *(23 35 13 13-0028)*		
23 35 13 13-0030	EA	2-1/8" 90 Degree Elbow, Vacuum Tubing, Galvanized	57.58	13.85
23 35 13 13-0031	EA	2-1/2" 90 Degree Elbow, Vacuum Tubing, Galvanized	71.20	14.82
23 35 13 13-0032	EA	3" 90 Degree Elbow, Vacuum Tubing, Galvanized	88.74	16.14
23 35 13 13-0033	EA	3-1/2" 90 Degree Elbow, Vacuum Tubing, Galvanized	104.69	17.47
23 35 13 13-0034	EA	4" 90 Degree Elbow, Vacuum Tubing, Galvanized	124.69	19.28
23 35 13 13-0035	EA	5" 90 Degree Elbow, Vacuum Tubing, Galvanized	205.99	21.44
23 35 13 13-0036	EA	6" 90 Degree Elbow, Vacuum Tubing, Galvanized	273.37	24.09
23 35 13 13-0037	EA	8" 90 Degree Elbow, Vacuum Tubing, Galvanized	490.48	32.16
23 35 13 13-0038		45 Degree Elbow *(23 35 13 13-0028)*		
23 35 13 13-0039	EA	2-1/8" 45 Degree Elbow, Vacuum Tubing, Galvanized	53.95	13.85
23 35 13 13-0040	EA	2-1/2" 45 Degree Elbow, Vacuum Tubing, Galvanized	68.21	14.82
23 35 13 13-0041	EA	3" 45 Degree Elbow, Vacuum Tubing, Galvanized	78.71	16.14
23 35 13 13-0042	EA	3-1/2" 45 Degree Elbow, Vacuum Tubing, Galvanized	93.36	17.47
23 35 13 13-0043	EA	4" 45 Degree Elbow, Vacuum Tubing, Galvanized	114.23	19.28
23 35 13 13-0044	EA	5" 45 Degree Elbow, Vacuum Tubing, Galvanized	169.68	21.44
23 35 13 13-0045	EA	6" 45 Degree Elbow, Vacuum Tubing, Galvanized	219.97	24.09
23 35 13 13-0046	EA	8" 45 Degree Elbow, Vacuum Tubing, Galvanized	400.76	32.16
23 35 13 13-0047		Wye *(23 35 13 13-0028)*		
23 35 13 13-0048	EA	2-1/8" Wye, Vacuum Tubing, Galvanized	104.41	22.89
23 35 13 13-0049	EA	2-1/2" Wye, Vacuum Tubing, Galvanized	125.31	24.69
23 35 13 13-0050	EA	3" Wye, Vacuum Tubing, Galvanized	152.76	26.51
23 35 13 13-0051	EA	3-1/2" Wye, Vacuum Tubing, Galvanized	185.51	29.52
23 35 13 13-0052	EA	4" Wye, Vacuum Tubing, Galvanized	246.95	31.92
23 35 13 13-0053	EA	5" Wye, Vacuum Tubing, Galvanized	416.61	35.54
23 35 13 13-0054	EA	6" Wye, Vacuum Tubing, Galvanized	551.75	40.36
23 35 13 13-0055	EA	8" Wye, Vacuum Tubing, Galvanized	1,088.88	43.97
23 35 13 13-0056	EA	10" Wye, Vacuum Tubing, Galvanized	1,507.55	48.19
23 35 13 13-0057	EA	12" Wye, Vacuum Tubing, Galvanized	1,904.27	53.97
23 35 13 13-0058		Reducer *(23 35 13 13-0028)*		
23 35 13 13-0059	EA	3" Reducer, Vacuum Tubing, Galvanized	59.47	16.14
23 35 13 13-0060	EA	4" Reducer, Vacuum Tubing, Galvanized	66.12	17.47
23 35 13 13-0061	EA	5" Reducer, Vacuum Tubing, Galvanized	83.44	19.28
23 35 13 13-0062	EA	6" Reducer, Vacuum Tubing, Galvanized	90.03	21.44

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 35 13 13-0063	EA	8" Reducer, Vacuum Tubing, Galvanized	105.31	24.09
23 35 13 13-0064		**Air Gate Valve, Galvanized** *(23 35 13 13-0011)*		
23 35 13 13-0065	EA	2-1/8" Air Gate Valve, Vacuum Tubing, Galvanized	409.47	32.16
23 35 13 13-0066	EA	2-1/2" Air Gate Valve, Vacuum Tubing, Galvanized	428.95	34.33
23 35 13 13-0067	EA	3" Air Gate Valve, Vacuum Tubing, Galvanized	492.72	36.99
23 35 13 13-0068	EA	3-1/2" Air Gate Valve, Vacuum Tubing, Galvanized	561.30	39.51
23 35 13 13-0069	EA	4" Air Gate Valve, Vacuum Tubing, Galvanized	632.70	41.92
23 35 13 13-0070	EA	5" Air Gate Valve, Vacuum Tubing, Galvanized	747.08	47.83
23 35 13 13-0071	EA	6" Air Gate Valve, Vacuum Tubing, Galvanized	860.44	53.61
23 35 19		**Fume Exhaust Systems** *(23 35)*		
23 35 19 00-0001	EA	Fume Exhauster, 1 1/2 HP 630 CFM With Out Hose And Intake Nozzle	2,711.09	481.50
23 35 19 00-0002	EA	Hose Extension Kit 5'	440.38	106.97
23 36		**Air Terminal Units** *(23 30)*		
23 36 13		**Constant-Air-Volume Units** *(23 36)*		
23 36 13 00-0001		Duct Boxes, Constant Volume Control *(23 36 13)*		
23 36 13 00-0002		Single Duct Boxes, Constant Volume Control *(23 36 13 00-0001)*		
23 36 13 00-0003	EA	4 - 6" Diameter Inlet, 50 - 240 CFM, Single Duct Boxes, Constant Volume Control	1,552.10	49.62
		For Boxes With Motor, Add	*271.25*	
23 36 13 00-0004	EA	6 - 8" Diameter Inlet, 100 - 480 CFM, Single Duct Boxes, Constant Volume Control	1,718.14	53.54
		For Boxes With Motor, Add	*300.89*	
23 36 13 00-0005	EA	7 - 10" Diameter Inlet, 150 - 720 CFM, Single Duct Boxes, Constant Volume Control	1,783.96	58.76
		For Boxes With Motor, Add	*309.78*	
23 36 13 00-0006	EA	9 - 12" Diameter Inlet, 200 - 960 CFM, Single Duct Boxes, Constant Volume Control	1,815.98	61.37
		For Boxes With Motor, Add	*314.23*	
23 36 13 00-0007	EA	12" Diameter Inlet, 250 - 1,200 CFM, Single Duct Boxes, Constant Volume Control	1,841.31	67.90
		For Boxes With Motor, Add	*314.23*	
23 36 13 00-0008	EA	14" Diameter Inlet, 350 - 1,680 CFM, Single Duct Boxes, Constant Volume Control	2,106.15	75.74
		For Boxes With Motor, Add	*360.18*	
23 36 13 00-0009	EA	16" Diameter Inlet, 450 - 2,160 CFM, Single Duct Boxes, Constant Volume Control	2,208.24	84.88
		For Boxes With Motor, Add	*373.52*	
23 36 13 00-0010	EA	20" x 16" Inlet, 550 - 2,640 CFM, Single Duct Boxes, Constant Volume Control	2,340.19	101.86
		For Boxes With Motor, Add	*386.99*	
23 36 13 00-0011	EA	24" x 16" Inlet, 650 - 3,120 CFM, Single Duct Boxes, Constant Volume Control	2,471.08	117.53
		For Boxes With Motor, Add	*400.20*	
23 36 13 00-0012		Dual Duct Boxes, Constant Volume Control *(23 36 13 00-0001)*		
23 36 13 00-0013	EA	4 - 6" Diameter Inlet, 50 - 240 CFM, Dual Duct Boxes, Constant Volume Control	2,190.12	49.62
		For Boxes With Motor, Add	*398.85*	
23 36 13 00-0014	EA	6 - 8" Diameter Inlet, 100 - 480 CFM, Dual Duct Boxes, Constant Volume Control	2,342.57	53.54
		For Boxes With Motor, Add	*425.78*	
23 36 13 00-0015	EA	7 - 10" Diameter Inlet, 150 - 720 CFM, Dual Duct Boxes, Constant Volume Control	2,443.87	58.76
		For Boxes With Motor, Add	*441.77*	
23 36 13 00-0016	EA	9 - 12" Diameter Inlet, 200 - 960 CFM, Dual Duct Boxes, Constant Volume Control	2,546.22	61.37
		For Boxes With Motor, Add	*460.28*	
23 36 13 00-0017	EA	12" Diameter Inlet, 250 - 1,200 CFM, Dual Duct Boxes, Constant Volume Control	2,571.55	67.90
		For Boxes With Motor, Add	*460.28*	
23 36 13 00-0018	EA	14" Diameter Inlet, 350 - 1,680 CFM, Dual Duct Boxes, Constant Volume Control	2,955.84	77.04
		For Boxes With Motor, Add	*530.12*	
23 36 13 00-0019	EA	16" Diameter Inlet, 450 - 2,160 CFM, Dual Duct Boxes, Constant Volume Control	3,230.85	84.88
		For Boxes With Motor, Add	*578.08*	
23 36 13 00-0020	EA	20" x 16" Inlet, 550 - 2,640 CFM, Dual Duct Boxes, Constant Volume Control	3,476.56	101.86
		For Boxes With Motor, Add	*614.26*	
23 36 13 00-0021	EA	24" x 16" Inlet, 650 - 3,120 CFM, Dual Duct Boxes, Constant Volume Control	3,625.54	117.53
		For Boxes With Motor, Add	*631.09*	
23 36 16		**Variable-Air-Volume Units** *(23 36)*		
23 36 16 00-0001		Variable Volume Terminal Unit *(23 36 16)*		
		Note: Includes flow controllers, insulated plenum, system powered box mounted thermostat.		
23 36 16 00-0002		Single Duct Variable Volume Terminal Unit *(23 36 16 00-0001)*		
		Note: Enclosure only. For mounting DDC controls.		
23 36 16 00-0003	EA	6" Diameter Inlet, 80 To 500 CFM, Variable Air Volume Box With Enclosure Only	662.50	60.07
		Note: For mounting DDC controls		
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0004	EA	8" Diameter Inlet, 145 To 900 CFM, Variable Air Volume Box With Enclosure Only	740.97	67.90
		Note: For mounting DDC controls		
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0005	EA	10" Diameter Inlet, 230 To 1,400 CFM, Variable Air Volume Box With Enclosure Only	824.46	75.74
		Note: For mounting DDC controls		
		For Filters And Frames, Add	*6.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 36 16 00-0006	EA	12" Diameter Inlet, 325 To 2,000 CFM, Variable Air Volume Box With Enclosure Only Note: For mounting DDC controls	878.65	84.88
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0007	EA	14" Diameter Inlet, 450 To 3,000 CFM, Variable Air Volume Box With Enclosure Only Note: For mounting DDC controls	1,213.57	182.68
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0008	EA	16" Diameter Inlet, 580 To 4,000 CFM, Variable Air Volume Box With Enclosure Only Note: For mounting DDC controls	1,454.82	216.77
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0009		**Single Duct Variable Volume Terminal Unit** *(23 36 16 00-0001)* Note: With pneumatic controls.		
23 36 16 00-0010	EA	6" Diameter Inlet, 80 - 500 CFM, Variable Air Volume Box With pneumatic controller	1,407.92	60.07
		For Fan Powered Variable Air Volume Box, Add	*1,505.14*	
		For Hot Water Coils, Add	*474.68*	
		For Pressure Independent Actuator, Add	*67.57*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0011	EA	8" Diameter Inlet, 145 - 900 CFM, Variable Air Volume Box With pneumatic controller	1,521.37	67.90
		For Fan Powered Variable Air Volume Box, Add	*1,611.82*	
		For Hot Water Coils, Add	*507.41*	
		For Pressure Independent Actuator, Add	*67.57*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0012	EA	10" Diameter Inlet, 230 - 1,400 CFM, Variable Air Volume Box With pneumatic controller	1,591.40	75.74
		For Fan Powered Variable Air Volume Box, Add	*1,661.74*	
		For Hot Water Coils, Add	*521.60*	
		For Pressure Independent Actuator, Add	*67.57*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0013	EA	12" Diameter Inlet, 325 - 2,000 CFM, Variable Air Volume Box With pneumatic controller	1,659.04	84.88
		For Fan Powered Variable Air Volume Box, Add	*1,708.34*	
		For Hot Water Coils, Add	*534.69*	
		For Pressure Independent Actuator, Add	*67.57*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0014	EA	14" Diameter Inlet, 450 To 3,000 CFM, Variable Air Volume Box With pneumatic controller	1,921.31	182.68
		For Fan Powered Variable Air Volume Box, Add	*1,916.40*	
		For Hot Water Coils, Add	*595.80*	
		For Pressure Independent Actuator, Add	*67.57*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0015	EA	16" Diameter Inlet, 580 To 4,000 CFM, Variable Air Volume Box With pneumatic controller	2,221.76	216.77
		For Fan Powered Variable Air Volume Box, Add	*2,076.32*	
		For Hot Water Coils, Add	*636.18*	
		For Pressure Independent Actuator, Add	*67.57*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0016		**Single Duct Variable Volume Terminal Unit** *(23 36 16 00-0001)* Note: With analog electronic controls.		
23 36 16 00-0017	EA	6" Diameter Inlet, 60 To 500 CFM, Variable Air Volume Box With Analog Electronic Controls	2,336.32	60.07
		For Hot Water Coils, Add	*851.14*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0018	EA	8" Diameter Inlet, 105 To 900 CFM, Variable Air Volume Box With Analog Electronic Controls	2,428.24	67.90
		For Hot Water Coils, Add	*875.15*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0019	EA	10" Diameter Inlet, 165 To 1,400 CFM, Variable Air Volume Box With Analog Electronic Controls	2,511.73	75.74
		For Hot Water Coils, Add	*894.79*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0020	EA	12" Diameter Inlet, 235 To 2,000 CFM, Variable Air Volume Box With Analog Electronic Controls	2,630.50	84.88
		For Hot Water Coils, Add	*928.62*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0021	EA	14" Diameter Inlet, 320 To 3,000 CFM, Variable Air Volume Box With Analog Electronic Controls	2,895.46	182.68
		For Hot Water Coils, Add	*990.82*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0022	EA	16" Diameter Inlet, 420 To 4,000 CFM, Variable Air Volume Box With Analog Electronic Controls	2,949.28	182.68
		For Hot Water Coils, Add	*1,012.64*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0023		**Dual Duct Variable Volume Terminal Unit** *(23 36 16 00-0001)* Note: With flow control installation, plenum system power box, thermostat.		
23 36 16 00-0024	EA	6" Diameter Inlet, 75 - 500 CFM, Variable Air Volume Box, Dual Duct	1,596.41	118.69
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0025	EA	8" Diameter Inlet, 200 - 700 CFM, Variable Air Volume Box, Dual Duct	1,744.92	135.15
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0026	EA	10" Diameter Inlet, 400 - 1,000 CFM, Variable Air Volume Box, Dual Duct	1,866.76	152.65
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0027	EA	12" Diameter Inlet, 600 - 1,400 CFM, Variable Air Volume Box, Dual Duct	2,046.73	170.27
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0028	EA	14" Diameter Inlet, 800 - 2,700 CFM, Variable Air Volume Box, Dual Duct	2,300.25	195.87
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0029	EA	16" Diameter Inlet, 1,000 - 3,500 CFM, Variable Air Volume Box, Dual Duct	2,523.18	235.04
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0030		**Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-M)** *(23 36 16 00-0001)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 36 16 00-0031	EA	0 To 200 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-A)	641.74	81.61
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0032	EA	0 To 300 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-B)	696.45	89.77
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0033	EA	0 To 400 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-C)	752.71	97.93
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0034	EA	0 To 700 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-D)	810.62	106.09
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0035	EA	0 To 1,000 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-E)	870.32	114.25
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0036	EA	0 To 1,000 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-F)	931.88	122.42
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0037	EA	0 To 1,100 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-G)	1,000.68	130.58
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0038	EA	0 To 1,900 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-H)	1,066.81	138.74
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0039	EA	0 To 2,400 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-J)	1,135.30	146.90
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0040	EA	0 To 3,800 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-K)	1,206.26	155.06
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0041	EA	0 To 5,400 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-L)	1,279.94	163.23
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0042	EA	0 To 5,400 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-M)	1,356.47	171.39
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0043	EA	0 To 6,700 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-N)	1,436.09	179.55
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0044	EA	0 To 10,000 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-P)	1,511.86	187.71
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0045	EA	0 To 15,000 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-R)	1,597.78	195.87
		For Filters And Frames, Add	*6.30*	

23 37 Air Outlets and Inlets *(23 30)*

23 37 13 Diffusers, Registers, and Grilles *(23 37)*

23 37 13 13 Diffusers, Registers, and Grilles *(23 37 13)*

23 37 13 13-0001 Ceiling Diffusers *(23 37 13 13)*

23 37 13 13-0002 Ceiling Diffusers With Perforated Face *(23 37 13 13-0001)*

Note: Flush mount, aluminum construction, includes damper.

23 37 13 13-0003	EA	6" x 6" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	134.70	16.98
		For Steel Construction, Deduct	*-10.13*	
		For Surface Mount, Deduct	*-8.10*	
		For Diffuser Without Damper, Deduct	*-13.51*	
		For Stainless Steel, Add	*168.85*	
23 37 13 13-0004	EA	8" x 8" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	149.71	16.98
		For Steel Construction, Deduct	*-12.38*	
		For Surface Mount, Deduct	*-9.91*	
		For Diffuser Without Damper, Deduct	*-16.51*	
		For Stainless Steel, Add	*206.38*	
23 37 13 13-0005	EA	9" x 9" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	149.71	16.98
		For Steel Construction, Deduct	*-12.38*	
		For Surface Mount, Deduct	*-9.91*	
		For Diffuser Without Damper, Deduct	*-16.51*	
		For Stainless Steel, Add	*206.38*	
23 37 13 13-0006	EA	10" x 10" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	179.85	20.89
		For Steel Construction, Deduct	*-14.82*	
		For Surface Mount, Deduct	*-11.86*	
		For Diffuser Without Damper, Deduct	*-19.76*	
		For Stainless Steel, Add	*247.03*	
23 37 13 13-0007	EA	12" x 12" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	179.85	19.58
		For Steel Construction, Deduct	*-14.82*	
		For Surface Mount, Deduct	*-11.86*	
		For Diffuser Without Damper, Deduct	*-19.76*	
		For Stainless Steel, Add	*247.03*	
23 37 13 13-0008	EA	16" x 16" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	207.37	19.58
		For Steel Construction, Deduct	*-18.95*	
		For Surface Mount, Deduct	*-15.16*	
		For Diffuser Without Damper, Deduct	*-25.27*	
		For Stainless Steel, Add	*315.83*	
23 37 13 13-0009	EA	18" x 18" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	237.58	26.12
		For Steel Construction, Deduct	*-20.37*	
		For Surface Mount, Deduct	*-16.30*	
		For Diffuser Without Damper, Deduct	*-27.17*	
		For Stainless Steel, Add	*339.58*	
23 37 13 13-0010	EA	20" x 20" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	276.45	27.42
		For Steel Construction, Deduct	*-25.44*	
		For Surface Mount, Deduct	*-20.35*	
		For Diffuser Without Damper, Deduct	*-33.92*	
		For Stainless Steel, Add	*424.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0011	EA	24" x 24" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	312.98	31.34
		For Steel Construction, Deduct	*-28.29*	
		For Surface Mount, Deduct	*-22.63*	
		For Lay-In Mount, Deduct	*-22.63*	
		For Diffuser Without Damper, Deduct	*-37.72*	
		For Stainless Steel, Add	*471.55*	
23 37 13 13-0012		**Ceiling Diffusers With Louver Face** *(23 37 13 13-0001)*		
		Note: 1 To 4 way adjustable pattern, surface mount aluminum construction.		
23 37 13 13-0013	EA	6" x 6" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	139.71	16.98
		For Steel Construction, Deduct	*-10.88*	
		For Flush Mount, Add	*10.88*	
		For Stainless Steel, Add	*181.38*	
23 37 13 13-0014	EA	8" x 8" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	159.22	16.98
		For Steel Construction, Deduct	*-13.81*	
		For Flush Mount, Add	*13.81*	
		For Stainless Steel, Add	*230.15*	
23 37 13 13-0015	EA	9" x 9" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	159.22	16.98
		For Steel Construction, Deduct	*-13.81*	
		For Flush Mount, Add	*13.81*	
		For Stainless Steel, Add	*230.15*	
23 37 13 13-0016	EA	10" x 10" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	191.11	19.58
		For Steel Construction, Deduct	*-16.51*	
		For Flush Mount, Add	*16.51*	
		For Stainless Steel, Add	*275.18*	
23 37 13 13-0017	EA	12" x 12" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	191.11	20.89
		For Steel Construction, Deduct	*-16.51*	
		For Flush Mount, Add	*16.51*	
		For Stainless Steel, Add	*275.18*	
23 37 13 13-0018	EA	24" x 12" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	246.28	26.12
		For Steel Construction, Deduct	*-21.61*	
		For Flush Mount, Add	*21.61*	
		For Stainless Steel, Add	*360.23*	
23 37 13 13-0019	EA	14" x 14" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	219.76	26.12
		For Steel Construction, Deduct	*-17.64*	
		For Flush Mount, Add	*17.64*	
		For Stainless Steel, Add	*293.93*	
23 37 13 13-0020	EA	18" x 18" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	274.54	31.34
		For Steel Construction, Deduct	*-22.63*	
		For Flush Mount, Add	*22.63*	
		For Stainless Steel, Add	*377.10*	
23 37 13 13-0021	EA	21" x 21" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	318.06	35.25
		For Steel Construction, Deduct	*-28.14*	
		For Flush Mount, Add	*28.14*	
		For Stainless Steel, Add	*469.05*	
23 37 13 13-0022	EA	24" x 24" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	347.64	69.08
		For Steel Construction, Deduct	*-31.41*	
		For Flush Mount, Add	*31.41*	
		For Lay-In Mount, Add	*41.88*	
		For Stainless Steel, Add	*523.45*	
23 37 13 13-0023		**Round Ceiling Diffusers With Fixed Pattern** *(23 37 13 13-0001)*		
		Note: Aluminum construction.		
23 37 13 13-0024	EA	6" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	229.54	16.98
		For Steel Construction, Deduct	*-48.71*	
		For Stainless Steel, Add	*405.95*	
23 37 13 13-0025	EA	8" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	237.87	16.98
		For Steel Construction, Deduct	*-51.21*	
		For Stainless Steel, Add	*426.78*	
23 37 13 13-0026	EA	10" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	268.40	20.89
		For Steel Construction, Deduct	*-56.21*	
		For Stainless Steel, Add	*468.40*	
23 37 13 13-0027	EA	12" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	289.22	19.58
		For Steel Construction, Deduct	*-62.45*	
		For Stainless Steel, Add	*520.45*	
23 37 13 13-0028	EA	14" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	414.61	23.51
		For Steel Construction, Deduct	*-96.18*	
		For Stainless Steel, Add	*801.48*	
23 37 13 13-0029	EA	16" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	437.26	24.81
		For Steel Construction, Deduct	*-101.80*	
		For Stainless Steel, Add	*848.33*	
23 37 13 13-0030	EA	18" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	460.25	26.12
		For Steel Construction, Deduct	*-107.42*	
		For Stainless Steel, Add	*895.15*	
23 37 13 13-0031	EA	20" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	532.45	26.12
		For Steel Construction, Deduct	*-127.68*	
		For Stainless Steel, Add	*1,064.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0032	EA	24" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	635.66	30.03
		For Steel Construction, Deduct	*-155.44*	
		For Stainless Steel, Add	*1,295.33*	
23 37 13 13-0033	EA	28" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	715.85	31.34
		For Steel Construction, Deduct	*-177.65*	
		For Stainless Steel, Add	*1,480.38*	
23 37 13 13-0034	EA	32" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	855.32	35.25
		For Steel Construction, Deduct	*-215.12*	
		For Stainless Steel, Add	*1,792.65*	
23 37 13 13-0035		**Round Ceiling Diffusers With Adjustable Pattern Dropped Style** *(23 37 13 13-0001)*		
		Note: Aluminum construction.		
23 37 13 13-0036	EA	6" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	242.03	16.98
		For Steel Construction, Deduct	*-17.49*	
		For Flush Mount, Deduct	*-8.74*	
		For Stainless Steel, Add	*437.18*	
23 37 13 13-0037	EA	8" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	263.54	16.98
		For Steel Construction, Deduct	*-19.64*	
		For Flush Mount, Deduct	*-9.82*	
		For Stainless Steel, Add	*490.95*	
23 37 13 13-0038	EA	10" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	298.47	20.89
		For Steel Construction, Deduct	*-21.74*	
		For Flush Mount, Deduct	*-10.87*	
		For Stainless Steel, Add	*543.58*	
23 37 13 13-0039	EA	12" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	322.53	20.89
		For Steel Construction, Deduct	*-24.15*	
		For Flush Mount, Deduct	*-12.07*	
		For Stainless Steel, Add	*603.73*	
23 37 13 13-0040	EA	14" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	468.74	23.51
		For Steel Construction, Deduct	*-37.47*	
		For Flush Mount, Deduct	*-18.74*	
		For Stainless Steel, Add	*936.80*	
23 37 13 13-0041	EA	16" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	410.18	24.81
		For Steel Construction, Deduct	*-40.04*	
		For Flush Mount, Deduct	*-20.02*	
		For Stainless Steel, Add	*1,000.98*	
23 37 13 13-0042	EA	18" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	528.26	26.12
		For Steel Construction, Deduct	*-42.61*	
		For Flush Mount, Deduct	*-21.30*	
		For Stainless Steel, Add	*1,065.18*	
23 37 13 13-0043	EA	20" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	613.41	27.42
		For Steel Construction, Deduct	*-50.66*	
		For Flush Mount, Deduct	*-25.33*	
		For Stainless Steel, Add	*1,266.43*	
23 37 13 13-0044	EA	24" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	693.03	30.03
		For Steel Construction, Deduct	*-57.55*	
		For Flush Mount, Deduct	*-28.78*	
		For Stainless Steel, Add	*1,438.75*	
23 37 13 13-0045	EA	28" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	840.76	31.34
		For Steel Construction, Deduct	*-71.71*	
		For Flush Mount, Deduct	*-35.85*	
		For Stainless Steel, Add	*1,792.65*	
23 37 13 13-0046	EA	32" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	1,013.07	35.25
		For Steel Construction, Deduct	*-87.48*	
		For Flush Mount, Deduct	*-43.74*	
		For Stainless Steel, Add	*2,187.03*	
23 37 13 13-0047	EA	36" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	1,122.57	73.52
		For Stainless Steel, Add	*2,439.18*	
23 37 13 13-0048		**Linear Type Ceiling Diffusers With 2-Way Air Deflection** *(23 37 13 13-0001)*		
23 37 13 13-0049	LF	4" Linear Type Ceiling Diffuser 40-200 CFM/LF, With 2-Way Air Deflection	183.42	19.58
		For Stainless Steel, Add	*262.68*	
23 37 13 13-0050	LF	6-1/4" Linear Type Ceiling Diffuser, 41 - 206 CFM/LF, With 2-Way Air Deflection	197.71	19.58
		For Stainless Steel, Add	*298.40*	
23 37 13 13-0051	LF	9-1/4" Linear Type Ceiling Diffuser, 62 - 312 CFM/LF, With 2-Way Air Deflection	215.28	19.58
		For Stainless Steel, Add	*342.33*	
23 37 13 13-0052	LF	12-1/4" Linear Type Ceiling Diffuser, 131 - 656 CFM/LF, With 2-Way Air Deflection	232.40	19.58
		For Stainless Steel, Add	*385.13*	
23 37 13 13-0053		**Wall And Floor Diffusers** *(23 37 13 13)*		
23 37 13 13-0054		**Slot Type Linear Diffusers** *(23 37 13 13-0053)*		
		Note: For sidewall sill or ceiling 1/2" 3/4/" or 1" slot spacing 1-1/8" border.		
23 37 13 13-0055	LF	1 Slot Linear Diffusers 10 - 70 CFM/LF, Sidewall, Sill, Ceiling	62.12	6.53
		For 3/4" Border, Add	*8.68*	
		For Floor Mounted Diffusers, Add	*10.41*	
		For Stainless Steel, Add	*45.11*	
23 37 13 13-0056	LF	2 Slot Linear Diffusers 20 - 140 CFM/LF, Sidewall, Sill, Ceiling	76.28	7.83
		For 3/4" Border, Add	*11.57*	
		For Floor Mounted Diffusers, Add	*13.88*	
		For Stainless Steel, Add	*60.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0057	LF	3 Slot Linear Diffusers 30 - 210 CFM/LF, Sidewall, Sill, Ceiling	106.83	9.14
		For 3/4" Border, Add	*18.22*	
		For Floor Mounted Diffusers, Add	*21.86*	
		For Stainless Steel, Add	*94.72*	
23 37 13 13-0058	LF	4 Slot Linear Diffusers 40 - 280 CFM/LF, Sidewall, Sill, Ceiling	141.94	9.14
		For 3/4" Border, Add	*26.02*	
		For Floor Mounted Diffusers, Add	*31.23*	
		For Stainless Steel, Add	*135.32*	
23 37 13 13-0059	LF	5 Slot Linear Diffusers 50 - 350 CFM/LF, Sidewall, Sill, Ceiling	178.44	10.45
		For 3/4" Border, Add	*33.83*	
		For Floor Mounted Diffusers, Add	*40.60*	
		For Stainless Steel, Add	*175.92*	
23 37 13 13-0060	LF	6 Slot Linear Diffusers 60 - 420 CFM/LF, Sidewall, Sill, Ceiling	209.18	13.06
		For 3/4" Border, Add	*39.90*	
		For Floor Mounted Diffusers, Add	*47.88*	
		For Stainless Steel, Add	*207.48*	

23 37 13 13-0061 Linear Bar Grilles And Registers *(23 37 13 13-0053)*

Note: For sidewall sill or ceiling or 15 degree deflection 1/2" bar spacing 1" border aluminum construction.

23 37 13 13-0062	LF	2" Wide Linear Bar Grilles/Registers 30 - 70 CFM/LF, Sidewall, Sill, Ceiling	197.72	7.83
		For Floor Mount, Add	*16.77*	
		For Opposed Blade Damper, Add	*33.54*	
		For Stainless Steel, Add	*218.01*	
23 37 13 13-0063	LF	3" Wide Linear Bar Grilles/Registers 55 - 143 CFM/LF, Sidewall, Sill, Ceiling	236.36	9.14
		For Floor Mount, Add	*20.24*	
		For Opposed Blade Damper, Add	*40.48*	
		For Stainless Steel, Add	*263.11*	
23 37 13 13-0064	LF	4" Wide Linear Bar Grilles/Registers 80 - 208 CFM/LF, Sidewall, Sill, Ceiling	257.59	9.14
		For Floor Mount, Add	*21.97*	
		For Opposed Blade Damper, Add	*43.95*	
		For Stainless Steel, Add	*285.66*	
23 37 13 13-0065	LF	6" Wide Linear Bar Grilles/Registers 125 - 325 CFM/LF, Sidewall, Sill, Ceiling	315.58	13.06
		For Floor Mount, Add	*26.60*	
		For Opposed Blade Damper, Add	*53.20*	
		For Stainless Steel, Add	*345.80*	
23 37 13 13-0066	LF	9" Wide Linear Bar Grilles/Registers 225 - 450 CFM/LF, Sidewall, Sill, Ceiling	436.67	16.98
		For Floor Mount, Add	*37.01*	
		For Opposed Blade Damper, Add	*74.02*	
		For Stainless Steel, Add	*481.12*	
23 37 13 13-0067	LF	12" Wide Linear Bar Grilles/Registers 225 - 495 CFM/LF, Sidewall, Sill, Ceiling	503.18	19.58
		For Floor Mount, Add	*42.21*	
		For Opposed Blade Damper, Add	*84.43*	
		For Stainless Steel, Add	*548.78*	

23 37 13 13-0068 Return/Exhaust Registers And Grilles *(23 37 13 13)*

23 37 13 13-0069 Return/Exhaust Registers With Frame *(23 37 13 13-0068)*

Note: Single deflection with opposed blade damper aluminum construction wall or ceiling mount.

23 37 13 13-0070	EA	8" x 4" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	133.63	10.45
		For Steel Construction, Deduct	*-18.62*	
		For Grilles (No Damper), Deduct	*-37.24*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*9.31*	
		For Cube Core Lay In, Add	*18.62*	
		For Stainless Steel, Add	*232.75*	
23 37 13 13-0071	EA	8" x 6" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	153.87	10.45
		For Steel Construction, Deduct	*-22.67*	
		For Grilles (No Damper), Deduct	*-45.34*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*11.33*	
		For Cube Core Lay In, Add	*22.67*	
		For Stainless Steel, Add	*283.35*	
23 37 13 13-0072	EA	10" x 6" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	172.49	11.75
		For Steel Construction, Deduct	*-25.10*	
		For Grilles (No Damper), Deduct	*-50.19*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*12.55*	
		For Cube Core Lay In, Add	*25.10*	
		For Stainless Steel, Add	*313.70*	
23 37 13 13-0073	EA	10" x 10" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	180.14	13.06
		For Steel Construction, Deduct	*-25.10*	
		For Grilles (No Damper), Deduct	*-50.19*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*12.55*	
		For Cube Core Lay In, Add	*25.10*	
		For Stainless Steel, Add	*313.70*	
23 37 13 13-0074	EA	12" x 6" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	172.05	13.06
		For Steel Construction, Deduct	*-23.48*	
		For Grilles (No Damper), Deduct	*-46.96*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*11.74*	
		For Cube Core Lay In, Add	*23.48*	
		For Stainless Steel, Add	*293.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0075	EA	12" x 12" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	220.98	16.98
		For Steel Construction, Deduct	*-30.76*	
		For Grilles (No Damper), Deduct	*-61.53*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*15.38*	
		For Cube Core Lay In, Add	*30.76*	
		For Stainless Steel, Add	*384.55*	
23 37 13 13-0076	EA	16" x 16" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	264.70	19.58
		For Steel Construction, Deduct	*-36.73*	
		For Grilles (No Damper), Deduct	*-73.46*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*18.37*	
		For Cube Core Lay In, Add	*36.73*	
		For Stainless Steel, Add	*459.15*	
23 37 13 13-0077	EA	18" x 18" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	324.74	23.51
		For Steel Construction, Deduct	*-46.14*	
		For Grilles (No Damper), Deduct	*-92.29*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*23.07*	
		For Cube Core Lay In, Add	*46.14*	
		For Stainless Steel, Add	*576.80*	
23 37 13 13-0078	EA	20" x 20" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	381.59	26.12
		For Steel Construction, Deduct	*-55.88*	
		For Grilles (No Damper), Deduct	*-111.76*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*27.94*	
		For Cube Core Lay In, Add	*55.88*	
		For Stainless Steel, Add	*698.50*	
23 37 13 13-0079	EA	24" x 12" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	340.54	26.12
		For Steel Construction, Deduct	*-46.74*	
		For Grilles (No Damper), Deduct	*-93.48*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*23.37*	
		For Cube Core Lay In, Add	*46.74*	
		For Stainless Steel, Add	*584.25*	
23 37 13 13-0080	EA	24" x 18" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	390.18	26.12
		For Steel Construction, Deduct	*-56.67*	
		For Grilles (No Damper), Deduct	*-113.34*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*28.33*	
		For Cube Core Lay In, Add	*56.67*	
		For Stainless Steel, Add	*708.35*	
23 37 13 13-0081	EA	24" x 24" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	411.21	30.03
		For Steel Construction, Deduct	*-58.74*	
		For Grilles (No Damper), Deduct	*-117.47*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*29.37*	
		For Cube Core Lay In, Add	*58.74*	
		For Stainless Steel, Add	*734.20*	
23 37 13 13-0082	EA	30" x 12" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	435.81	31.34
		For Steel Construction, Deduct	*-62.42*	
		For Grilles (No Damper), Deduct	*-124.84*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*31.21*	
		For Cube Core Lay In, Add	*62.42*	
		For Stainless Steel, Add	*780.28*	
23 37 13 13-0083	EA	30" x 18" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	502.55	35.25
		For Steel Construction, Deduct	*-72.86*	
		For Grilles (No Damper), Deduct	*-145.72*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*36.43*	
		For Cube Core Lay In, Add	*72.86*	
		For Stainless Steel, Add	*910.73*	
23 37 13 13-0084	EA	30" x 24" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	562.13	41.79
		For Steel Construction, Deduct	*-78.85*	
		For Grilles (No Damper), Deduct	*-157.70*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*39.42*	
		For Cube Core Lay In, Add	*78.85*	
		For Stainless Steel, Add	*985.60*	
23 37 13 13-0085	EA	30" x 30" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	733.53	41.79
		For Steel Construction, Deduct	*-113.13*	
		For Grilles (No Damper), Deduct	*-226.26*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*56.56*	
		For Cube Core Lay In, Add	*113.13*	
		For Stainless Steel, Add	*1,414.10*	
23 37 13 13-0086	EA	36" x 12" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	606.69	45.70
		For Steel Construction, Deduct	*-85.18*	
		For Grilles (No Damper), Deduct	*-170.36*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*42.59*	
		For Cube Core Lay In, Add	*85.18*	
		For Stainless Steel, Add	*1,064.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0087	EA	36" x 18" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	590.41	44.40
		For Steel Construction, Deduct	*-81.92*	
		For Grilles (No Damper), Deduct	*-163.84*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*40.96*	
		For Cube Core Lay In, Add	*81.92*	
		For Stainless Steel, Add	*1,024.03*	
23 37 13 13-0088	EA	36" x 24" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	672.90	49.62
		For Steel Construction, Deduct	*-95.41*	
		For Grilles (No Damper), Deduct	*-190.81*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*47.70*	
		For Cube Core Lay In, Add	*95.41*	
		For Stainless Steel, Add	*1,192.58*	
23 37 13 13-0089	EA	36" x 36" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	915.74	53.54
		For Steel Construction, Deduct	*-140.41*	
		For Grilles (No Damper), Deduct	*-280.82*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*70.21*	
		For Cube Core Lay In, Add	*140.41*	
		For Stainless Steel, Add	*1,755.15*	
23 37 13 13-0090	EA	24" x 20" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	404.55	30.16
		For Steel Construction, Deduct	*-56.81*	
		For Grilles (No Damper), Deduct	*-113.62*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*28.41*	
		For Cube Core Lay In, Add	*56.81*	
		For Stainless Steel, Add	*710.13*	
23 37 13 13-0091	EA	32" x 40" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	699.68	45.20
		For Steel Construction, Deduct	*-103.78*	
		For Grilles (No Damper), Deduct	*-207.55*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*51.89*	
		For Cube Core Lay In, Add	*103.78*	
		For Stainless Steel, Add	*1,297.20*	
23 37 13 13-0092	EA	48" x 24" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	809.86	53.54
		For Steel Construction, Deduct	*-119.08*	
		For Grilles (No Damper), Deduct	*-238.16*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*59.54*	
		For Cube Core Lay In, Add	*119.08*	
		For Stainless Steel, Add	*1,488.53*	
23 37 13 13-0093		Return/Exhaust Registers Removable-Reversible *(23 37 13 13-0068)*		
		Note: Double deflection core and opposed blade damper radiused frame with boarder aluminum construction.		
23 37 13 13-0094	EA	8" x 4" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	123.11	10.45
		For Steel Construction, Deduct	*-8.26*	
		For Flat Frame, Deduct	*-0.83*	
		For Grilles (No Damper), Deduct	*-16.52*	
		For Stainless Steel, Add	*206.45*	
23 37 13 13-0095	EA	8" x 6" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	123.11	10.45
		For Steel Construction, Deduct	*-8.26*	
		For Flat Frame, Deduct	*-0.83*	
		For Grilles (No Damper), Deduct	*-16.52*	
		For Stainless Steel, Add	*206.45*	
23 37 13 13-0096	EA	10" x 6" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	151.45	11.75
		For Steel Construction, Deduct	*-10.44*	
		For Flat Frame, Deduct	*-1.04*	
		For Grilles (No Damper), Deduct	*-20.89*	
		For Stainless Steel, Add	*261.10*	
23 37 13 13-0097	EA	10" x 10" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	173.67	14.36
		For Steel Construction, Deduct	*-11.90*	
		For Flat Frame, Deduct	*-1.19*	
		For Grilles (No Damper), Deduct	*-23.80*	
		For Stainless Steel, Add	*297.53*	
23 37 13 13-0098	EA	12" x 6" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	171.24	13.06
		For Steel Construction, Deduct	*-11.66*	
		For Flat Frame, Deduct	*-1.17*	
		For Grilles (No Damper), Deduct	*-23.32*	
		For Stainless Steel, Add	*291.45*	
23 37 13 13-0099	EA	12" x 12" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	222.60	16.98
		For Steel Construction, Deduct	*-15.54*	
		For Flat Frame, Deduct	*-1.55*	
		For Grilles (No Damper), Deduct	*-31.09*	
		For Stainless Steel, Add	*388.60*	
23 37 13 13-0100	EA	16" x 16" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	361.96	20.89
		For Steel Construction, Deduct	*-28.09*	
		For Flat Frame, Deduct	*-2.81*	
		For Grilles (No Damper), Deduct	*-56.18*	
		For Stainless Steel, Add	*702.30*	
23 37 13 13-0101	EA	18" x 18" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	436.47	23.51
		For Steel Construction, Deduct	*-34.25*	
		For Flat Frame, Deduct	*-3.42*	
		For Grilles (No Damper), Deduct	*-68.49*	
		For Stainless Steel, Add	*856.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0102	EA	20" x 20" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	493.22	26.12
		For Steel Construction, Deduct	*-39.10*	
		For Flat Frame, Deduct	*-3.91*	
		For Grilles (No Damper), Deduct	*-78.21*	
		For Stainless Steel, Add	*977.58*	
23 37 13 13-0103	EA	24" x 12" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	408.00	26.12
		For Steel Construction, Deduct	*-30.12*	
		For Flat Frame, Deduct	*-3.01*	
		For Grilles (No Damper), Deduct	*-60.23*	
		For Stainless Steel, Add	*752.90*	
23 37 13 13-0104	EA	24" x 18" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	553.73	27.42
		For Steel Construction, Deduct	*-44.69*	
		For Flat Frame, Deduct	*-4.47*	
		For Grilles (No Damper), Deduct	*-89.38*	
		For Stainless Steel, Add	*1,117.23*	
23 37 13 13-0105	EA	24" x 24" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	646.99	30.03
		For Steel Construction, Deduct	*-52.95*	
		For Flat Frame, Deduct	*-5.29*	
		For Grilles (No Damper), Deduct	*-105.89*	
		For Stainless Steel, Add	*1,323.65*	
23 37 13 13-0106	EA	30" x 12" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	492.87	31.34
		For Steel Construction, Deduct	*-36.92*	
		For Flat Frame, Deduct	*-3.69*	
		For Grilles (No Damper), Deduct	*-73.83*	
		For Stainless Steel, Add	*922.93*	
23 37 13 13-0107	EA	30" x 18" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	682.30	35.25
		For Steel Construction, Deduct	*-54.40*	
		For Flat Frame, Deduct	*-5.44*	
		For Grilles (No Damper), Deduct	*-108.81*	
		For Stainless Steel, Add	*1,360.10*	
23 37 13 13-0108	EA	30" x 24" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	821.22	41.79
		For Steel Construction, Deduct	*-65.33*	
		For Flat Frame, Deduct	*-6.53*	
		For Grilles (No Damper), Deduct	*-130.67*	
		For Stainless Steel, Add	*1,633.33*	
23 37 13 13-0109	EA	30" x 30" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	943.87	41.79
		For Steel Construction, Deduct	*-77.60*	
		For Flat Frame, Deduct	*-7.76*	
		For Grilles (No Damper), Deduct	*-155.20*	
		For Stainless Steel, Add	*1,939.95*	
23 37 13 13-0110	EA	36" x 12" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	634.97	44.40
		For Steel Construction, Deduct	*-45.42*	
		For Flat Frame, Deduct	*-4.54*	
		For Grilles (No Damper), Deduct	*-90.83*	
		For Stainless Steel, Add	*1,135.43*	
23 37 13 13-0111	EA	36" x 18" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	868.13	44.40
		For Steel Construction, Deduct	*-68.73*	
		For Flat Frame, Deduct	*-6.87*	
		For Grilles (No Damper), Deduct	*-137.47*	
		For Stainless Steel, Add	*1,718.33*	
23 37 13 13-0112	EA	36" x 24" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	1,007.07	49.62
		For Steel Construction, Deduct	*-81.12*	
		For Flat Frame, Deduct	*-8.11*	
		For Grilles (No Damper), Deduct	*-162.24*	
		For Stainless Steel, Add	*2,028.00*	
23 37 13 13-0113	EA	36" x 30" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	1,179.10	53.54
		For Steel Construction, Deduct	*-96.54*	
		For Flat Frame, Deduct	*-9.65*	
		For Grilles (No Damper), Deduct	*-193.08*	
		For Stainless Steel, Add	*2,413.55*	
23 37 13 13-0114	EA	36" x 36" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	1,247.11	53.54
		For Steel Construction, Deduct	*-103.34*	
		For Flat Frame, Deduct	*-10.33*	
		For Grilles (No Damper), Deduct	*-206.69*	
		For Stainless Steel, Add	*2,583.58*	

23 37 13 13-0115 Aluminum Eggcrate Ceiling Return Air And Exhaust Grilles *(23 37 13 13-0068)*

23 37 13 13-0116	EA	6" x 6" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	62.47	12.77
23 37 13 13-0117	EA	8" x 4" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	62.47	12.77
23 37 13 13-0118	EA	8" x 6" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	67.90	12.77
23 37 13 13-0119	EA	8" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	70.08	12.77
23 37 13 13-0120	EA	10" x 4" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	67.90	12.77
23 37 13 13-0121	EA	10" x 6" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	70.08	12.77
23 37 13 13-0122	EA	10" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	84.30	16.74
23 37 13 13-0123	EA	10" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	86.48	16.74
23 37 13 13-0124	EA	12" x 6" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	82.13	16.74
23 37 13 13-0125	EA	12" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	86.48	16.74
23 37 13 13-0126	EA	12" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	88.65	16.74
23 37 13 13-0127	EA	12" x 12" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	90.83	16.74
23 37 13 13-0128	EA	14" x 6" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	87.56	16.74
23 37 13 13-0129	EA	14" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	91.91	16.74
23 37 13 13-0130	EA	14" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	94.09	16.74
23 37 13 13-0131	EA	14" x 14" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	103.87	16.74
23 37 13 13-0132	EA	16" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	91.91	16.74

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0133	EA	16" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	99.52	16.74
23 37 13 13-0134	EA	16" x 12" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	103.87	16.74
23 37 13 13-0135	EA	16" x 14" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	133.40	24.69
23 37 13 13-0136	EA	16" x 16" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	135.57	24.69
23 37 13 13-0137	EA	18" x 12" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	131.22	24.69
23 37 13 13-0138	EA	18" x 18" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	160.67	28.67
23 37 13 13-0139	EA	20" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	129.05	24.69
23 37 13 13-0140	EA	20" x 20" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	171.54	28.67
23 37 13 13-0141	EA	22" x 4" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	89.74	16.74
23 37 13 13-0142	EA	22" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	131.22	24.69
23 37 13 13-0143	EA	22" x 22" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	192.28	32.65
23 37 13 13-0144	EA	24" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	129.05	24.69
23 37 13 13-0145	EA	24" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	133.40	24.69
23 37 13 13-0146	EA	24" x 12" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	154.15	28.67
		For Lay-In Installation, Deduct	*-60.57*	
23 37 13 13-0147	EA	24" x 14" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	160.67	28.67
23 37 13 13-0148	EA	24" x 16" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	179.23	32.65
23 37 13 13-0149	EA	24" x 18" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	185.76	32.65
23 37 13 13-0150	EA	24" x 20" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	193.37	32.65
23 37 13 13-0151	EA	24" x 24" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	207.50	32.65
		For Lay-In Installation, Deduct	*-69.35*	
23 37 13 13-0152	EA	30" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	157.41	28.67
23 37 13 13-0153	EA	48" x 12" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	255.19	35.78
23 37 13 13-0154	EA	48" x 24" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	436.93	43.73
		For Lay-In Installation, Deduct	*-99.78*	

23 37 13 13-0155 Supply Registers and Grilles *(23 37 13 13)*

23 37 13 13-0156 Adjustable Curved Blade Register *(23 37 13 13-0155)*

Note: Ceiling mount aluminum construction four way pattern flush frame.

23 37 13 13-0157	EA	6" x 6" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	111.24	10.45
		For Steel Construction, Deduct	*-10.62*	
		For Lay In Frame, Deduct	*-17.70*	
		For Three Way Pattern, Deduct	*-7.08*	
		For Two Way Pattern, Deduct	*-5.66*	
		For One Way Pattern, Deduct	*-5.66*	
		For Grille (No Damper), Deduct	*-10.62*	
		For Stainless Steel, Add	*176.95*	
23 37 13 13-0158	EA	8" x 8" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	115.40	10.45
		For Steel Construction, Deduct	*-11.24*	
		For Lay In Frame, Deduct	*-18.74*	
		For Three Way Pattern, Deduct	*-7.49*	
		For Two Way Pattern, Deduct	*-6.00*	
		For One Way Pattern, Deduct	*-6.00*	
		For Grille (No Damper), Deduct	*-11.24*	
		For Stainless Steel, Add	*187.35*	
23 37 13 13-0159	EA	12" x 6" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	125.57	14.36
		For Steel Construction, Deduct	*-10.62*	
		For Lay In Frame, Deduct	*-17.70*	
		For Three Way Pattern, Deduct	*-7.08*	
		For Two Way Pattern, Deduct	*-5.66*	
		For One Way Pattern, Deduct	*-5.66*	
		For Grille (No Damper), Deduct	*-10.62*	
		For Stainless Steel, Add	*176.95*	
23 37 13 13-0160	EA	10" x 10" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	140.84	13.06
		For Steel Construction, Deduct	*-12.91*	
		For Lay In Frame, Deduct	*-21.51*	
		For Three Way Pattern, Deduct	*-8.61*	
		For Two Way Pattern, Deduct	*-6.88*	
		For One Way Pattern, Deduct	*-6.88*	
		For Grille (No Damper), Deduct	*-12.91*	
		For Stainless Steel, Add	*215.13*	
23 37 13 13-0161	EA	12" x 12" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	169.28	16.98
		For Steel Construction, Deduct	*-15.41*	
		For Lay In Frame, Deduct	*-25.68*	
		For Three Way Pattern, Deduct	*-10.27*	
		For Two Way Pattern, Deduct	*-8.22*	
		For One Way Pattern, Deduct	*-8.22*	
		For Grille (No Damper), Deduct	*-15.41*	
		For Stainless Steel, Add	*256.75*	
23 37 13 13-0162	EA	14" x 14" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	208.72	19.58
		For Steel Construction, Deduct	*-19.15*	
		For Lay In Frame, Deduct	*-31.92*	
		For Three Way Pattern, Deduct	*-12.77*	
		For Two Way Pattern, Deduct	*-10.21*	
		For One Way Pattern, Deduct	*-10.21*	
		For Grille (No Damper), Deduct	*-19.15*	
		For Stainless Steel, Add	*319.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0163	EA	16" x 16" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	208.72	19.58
		For Steel Construction, Deduct	*-19.15*	
		For Lay In Frame, Deduct	*-31.92*	
		For Three Way Pattern, Deduct	*-12.77*	
		For Two Way Pattern, Deduct	*-10.21*	
		For One Way Pattern, Deduct	*-10.21*	
		For Grille (No Damper), Deduct	*-19.15*	
		For Stainless Steel, Add	*319.20*	
23 37 13 13-0164	EA	18" x 18" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	257.19	26.12
		For Steel Construction, Deduct	*-23.32*	
		For Lay In Frame, Deduct	*-38.86*	
		For Three Way Pattern, Deduct	*-15.54*	
		For Two Way Pattern, Deduct	*-12.44*	
		For One Way Pattern, Deduct	*-12.44*	
		For Grille (No Damper), Deduct	*-23.32*	
		For Stainless Steel, Add	*388.60*	
23 37 13 13-0165	EA	24" x 24" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	341.39	27.42
		For Steel Construction, Deduct	*-35.18*	
		For Lay In Frame, Deduct	*-58.64*	
		For Three Way Pattern, Deduct	*-23.46*	
		For Two Way Pattern, Deduct	*-18.76*	
		For One Way Pattern, Deduct	*-18.76*	
		For Grille (No Damper), Deduct	*-35.18*	
		For Stainless Steel, Add	*586.38*	
23 37 13 13-0166	EA	30" x 30" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	561.10	55.36
		For Steel Construction, Deduct	*-67.55*	
		For Lay In Frame, Deduct	*-112.59*	
		For Three Way Pattern, Deduct	*-45.04*	
		For Two Way Pattern, Deduct	*-36.03*	
		For One Way Pattern, Deduct	*-36.03*	
		For Grille (No Damper), Deduct	*-67.55*	
		For Stainless Steel, Add	*1,125.90*	

23 37 13 13-0167 Removable-Reversible Core Registers *(23 37 13 13-0155)*

Note: Double deflection radiused frame aluminum construction.

23 37 13 13-0168	EA	6" x 6" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	129.28	10.45
		For Steel Construction, Deduct	*-8.88*	
		For Flat Frame, Deduct	*-8.88*	
		For Grille (No Damper), Deduct	*-26.65*	
		For Stainless Steel, Add	*222.05*	
23 37 13 13-0169	EA	8" x 8" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	165.37	10.45
		For Steel Construction, Deduct	*-12.49*	
		For Flat Frame, Deduct	*-12.49*	
		For Grille (No Damper), Deduct	*-37.47*	
		For Stainless Steel, Add	*312.28*	
23 37 13 13-0170	EA	12" x 6" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	210.23	14.36
		For Steel Construction, Deduct	*-15.54*	
		For Flat Frame, Deduct	*-15.54*	
		For Grille (No Damper), Deduct	*-46.63*	
		For Stainless Steel, Add	*388.60*	
23 37 13 13-0171	EA	10" x 10" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	213.00	14.36
		For Steel Construction, Deduct	*-15.82*	
		For Flat Frame, Deduct	*-15.82*	
		For Grille (No Damper), Deduct	*-47.46*	
		For Stainless Steel, Add	*395.53*	
23 37 13 13-0172	EA	12" x 12" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	271.98	16.98
		For Steel Construction, Deduct	*-20.54*	
		For Flat Frame, Deduct	*-20.54*	
		For Grille (No Damper), Deduct	*-61.62*	
		For Stainless Steel, Add	*513.50*	
23 37 13 13-0173	EA	14" x 14" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	389.14	20.89
		For Steel Construction, Deduct	*-30.81*	
		For Flat Frame, Deduct	*-30.81*	
		For Grille (No Damper), Deduct	*-92.43*	
		For Stainless Steel, Add	*770.25*	
23 37 13 13-0174	EA	16" x 16" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	439.10	19.58
		For Steel Construction, Deduct	*-35.81*	
		For Flat Frame, Deduct	*-35.81*	
		For Grille (No Damper), Deduct	*-107.42*	
		For Stainless Steel, Add	*895.15*	
23 37 13 13-0175	EA	18" x 18" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	529.21	26.12
		For Steel Construction, Deduct	*-42.75*	
		For Flat Frame, Deduct	*-42.75*	
		For Grille (No Damper), Deduct	*-128.24*	
		For Stainless Steel, Add	*1,068.65*	
23 37 13 13-0176	EA	24" x 24" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	670.31	26.12
		For Steel Construction, Deduct	*-56.35*	
		For Flat Frame, Deduct	*-56.35*	
		For Grille (No Damper), Deduct	*-169.04*	
		For Stainless Steel, Add	*1,408.68*	

23 37 13 13-0177 Adjustable Shutter Blade Registers *(23 37 13 13-0155)*

Note: Double deflection flat frame aluminum construction.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0178	EA	6" x 6" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	202.38	10.45
		For Steel Construction, Deduct	*-16.19*	
		For Single Deflection, Deduct	*-32.38*	
		For Grille (No Damper), Deduct	*-24.29*	
		For Stainless Steel, Add	*404.80*	
23 37 13 13-0179	EA	8" x 8" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	234.76	10.45
		For Steel Construction, Deduct	*-19.43*	
		For Single Deflection, Deduct	*-38.86*	
		For Grille (No Damper), Deduct	*-29.15*	
		For Stainless Steel, Add	*485.75*	
23 37 13 13-0180	EA	12" x 6" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	249.09	14.36
		For Steel Construction, Deduct	*-19.43*	
		For Single Deflection, Deduct	*-38.86*	
		For Grille (No Damper), Deduct	*-29.15*	
		For Stainless Steel, Add	*485.75*	
23 37 13 13-0181	EA	10" x 10" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	258.34	13.06
		For Steel Construction, Deduct	*-20.36*	
		For Single Deflection, Deduct	*-40.71*	
		For Grille (No Damper), Deduct	*-30.53*	
		For Stainless Steel, Add	*508.88*	
23 37 13 13-0182	EA	12" x 12" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	316.39	16.98
		For Steel Construction, Deduct	*-24.98*	
		For Single Deflection, Deduct	*-49.96*	
		For Grille (No Damper), Deduct	*-37.47*	
		For Stainless Steel, Add	*624.53*	
23 37 13 13-0183	EA	14" x 14" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	423.38	19.58
		For Steel Construction, Deduct	*-34.23*	
		For Single Deflection, Deduct	*-68.47*	
		For Grille (No Damper), Deduct	*-51.35*	
		For Stainless Steel, Add	*855.85*	
23 37 13 13-0184	EA	16" x 16" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	502.02	20.89
		For Steel Construction, Deduct	*-42.10*	
		For Single Deflection, Deduct	*-84.20*	
		For Grille (No Damper), Deduct	*-63.15*	
		For Stainless Steel, Add	*1,052.45*	
23 37 13 13-0185	EA	18" x 18" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	619.88	26.12
		For Steel Construction, Deduct	*-51.81*	
		For Single Deflection, Deduct	*-103.63*	
		For Grille (No Damper), Deduct	*-77.72*	
		For Stainless Steel, Add	*1,295.33*	
23 37 13 13-0186	EA	24" x 24" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	860.91	27.42
		For Steel Construction, Deduct	*-75.41*	
		For Single Deflection, Deduct	*-150.81*	
		For Grille (No Damper), Deduct	*-113.11*	
		For Stainless Steel, Add	*1,885.18*	

23 37 13 13-0187 Air Conditioning And Ventilation *(23 37 13 13-0155)*

23 37 13 13-0188	EA	10" x 16" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	106.55	27.42
		For Stainless Steel, Add	*129.40*	
23 37 13 13-0189	EA	18" x 12" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	185.13	40.81
		For Stainless Steel, Add	*258.80*	
23 37 13 13-0190	EA	30" x 12" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	286.78	57.13
		For Stainless Steel, Add	*431.33*	
23 37 13 13-0191	EA	48" x 24" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	726.05	78.35
		For Stainless Steel, Add	*1,423.40*	

23 37 13 13-0192 Square Wall Return Air And Exhaust Grilles *(23 37 13 13-0155)*

Note: Egg crate design aluminum construction.

23 37 13 13-0193	EA	8" x 8" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	96.52	32.70
23 37 13 13-0194	EA	12" x 12" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	106.09	32.70
23 37 13 13-0195	EA	18" x 18" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	157.92	49.06
23 37 13 13-0196	EA	24" x 24" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	205.78	49.06
23 37 13 13-0197	EA	28" x 28" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	346.17	65.41
23 37 13 13-0198	EA	36" x 36" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	635.24	65.29

23 37 13 13-0199 Rectangular Four-Way Adjustable Deflection Wall Supply Grilles *(23 37 13 13-0155)*

Note: Aluminum construction.

23 37 13 13-0200	EA	12" x 6" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction	286.42	23.54
23 37 13 13-0201	EA	14" x 6" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction	328.05	23.54
23 37 13 13-0202	EA	18" x 8" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction	396.09	26.16
23 37 13 13-0203	EA	24" x 8" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction	470.08	26.16
23 37 13 13-0204	EA	36" x 20" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction	601.31	81.76

23 37 13 13-0205 Square Ceiling Return Air And Exhaust Grilles *(23 37 13 13-0155)*

Note: Egg crate design, plastic construction.

23 37 13 13-0206	EA	24" x 24" Egg Crate Ceiling Return Air Or Exhaust Grille, Plastic Construction	54.20	15.66
23 37 13 13-0207	EA	24" x 48" Egg Crate Ceiling Return Air Or Exhaust Grille, Plastic Construction	78.84	15.79

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0208		**Door Grilles Sight Proof Inverted Vee Cross Section** *(23 37 13 13-0155)*		
		Note: Painted steel louvers and frame.		
23 37 13 13-0209	EA	12" x 6" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel	159.53	23.54
23 37 13 13-0210	EA	12" x 12" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel	198.52	23.54
23 37 13 13-0211	EA	18" x 18" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel	249.41	24.85
23 37 13 13-0212	EA	24" x 24" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel	346.56	29.69
23 37 13 13-0213	EA	24" x 30" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel	384.20	54.55
23 37 13 13-0214		**Stainless Steel Devices** *(23 37 13 13-0155)*		
23 37 13 13-0215		**304 Stainless Steel, Louvered Partition/Door Grilles** *(23 37 13 13-0214)*		
23 37 13 13-0216	SF	Up To 4 SF, 304 Stainless Steel, Louvered Partition/Door Grille	242.69	20.40
		For 316 Stainless Steel, Add	*41.74*	
23 37 13 13-0217	SF	>4 SF, 304 Stainless Steel, Louvered Partition/Door Grille	204.61	20.40
		For 316 Stainless Steel, Add	*34.12*	
23 37 13 13-0218		**304 Stainless Steel, Single Deflection Supply Grilles** *(23 37 13 13-0214)*		
23 37 13 13-0219	SF	Up To 4 SF, 304 Stainless Steel, Single Deflection Supply Grille	183.51	20.40
		For 316 Stainless Steel, Add	*29.90*	
23 37 13 13-0220	SF	>4 SF, 304 Stainless Steel, Single Deflection Supply Grille	155.82	20.40
		For 316 Stainless Steel, Add	*24.36*	
23 37 13 13-0221		**304 Stainless Steel, Double Deflection Supply Grilles** *(23 37 13 13-0214)*		
23 37 13 13-0222	SF	Up To 4 SF, 304 Stainless Steel, Double Deflection Supply Grille	269.16	20.40
		For 316 Stainless Steel, Add	*47.03*	
23 37 13 13-0223	SF	>4 SF, 304 Stainless Steel, Double Deflection Supply Grille	229.19	20.40
		For 316 Stainless Steel, Add	*39.04*	
23 37 13 13-0224		**304 Stainless Steel Return Grilles** *(23 37 13 13-0214)*		
23 37 13 13-0225	SF	Up To 4 SF, 304 Stainless Steel Return Grille	183.51	20.40
		For 316 Stainless Steel, Add	*29.90*	
23 37 13 13-0226	SF	>4 SF, 304 Stainless Steel Return Grille	155.82	20.40
		For 316 Stainless Steel, Add	*24.36*	
23 37 13 13-0227		**304 Stainless Steel, Louvered Supply/Return Grilles** *(23 37 13 13-0214)*		
23 37 13 13-0228	SF	Up To 4 SF, 304 Stainless Steel, Louvered Supply/Return Grille	183.51	20.40
		For 316 Stainless Steel, Add	*29.90*	
23 37 13 13-0229	SF	>4 SF, 304 Stainless Steel, Louvered Supply/Return Grille	155.82	20.40
		For 316 Stainless Steel, Add	*24.36*	
23 37 13 13-0230		**304 Stainless Steel, Perforated Return Grilles** *(23 37 13 13-0214)*		
23 37 13 13-0231	SF	Up To 4 SF, 304 Stainless Steel, Perforated Return Grille	183.51	20.40
		For 316 Stainless Steel, Add	*29.90*	
23 37 13 13-0232	SF	>4 SF, 304 Stainless Steel, Perforated Return Grille	148.21	20.40
		For 316 Stainless Steel, Add	*22.84*	
23 37 13 13-0233		**304 Stainless Steel, Perforated Supply Grilles** *(23 37 13 13-0214)*		
23 37 13 13-0234	SF	Up To 4 SF, 304 Stainless Steel, Perforated Supply Grille	222.44	20.40
		For 316 Stainless Steel, Add	*37.69*	
23 37 13 13-0235	SF	>4 SF, 304 Stainless Steel, Perforated Supply Grille	152.26	20.40
		For 316 Stainless Steel, Add	*23.65*	
23 37 13 13-0236		**304 Stainless Steel, Door Grilles** *(23 37 13 13-0214)*		
23 37 13 13-0237	SF	Up To 4 SF, 304 Stainless Steel, Door Grille	333.01	20.40
		For 316 Stainless Steel, Add	*59.80*	
23 37 13 13-0238	SF	>4 SF, 304 Stainless Steel, Door Grille	277.65	20.40
		For 316 Stainless Steel, Add	*48.73*	
23 37 13 13-0239		**304 Stainless Steel, Linear Bar Grilles** *(23 37 13 13-0214)*		
23 37 13 13-0240	SF	Up To 4 SF, 304 Stainless Steel, Linear Bar Grille	425.93	20.40
		For 316 Stainless Steel, Add	*78.38*	
23 37 13 13-0241	SF	>4 SF, 304 Stainless Steel, Linear Bar Grille	364.50	20.40
		For 316 Stainless Steel, Add	*66.10*	
23 37 13 13-0242		**304 Stainless Steel, Hinged Filter Grilles** *(23 37 13 13-0214)*		
23 37 13 13-0243	SF	Up To 4 SF, 304 Stainless Steel, Hinged Filter Grille	312.77	20.40
		For 316 Stainless Steel, Add	*55.75*	
23 37 13 13-0244	SF	>4 SF, 304 Stainless Steel, Hinged Filter Grille	215.88	20.40
		For 316 Stainless Steel, Add	*36.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0245		**304 Stainless Steel, Opposed Blade Dampers Grilles** *(23 37 13 13-0214)*		
23 37 13 13-0246	SF	Up To 4 SF, 304 Stainless Steel, Opposed Blade Dampers Grille	167.94	20.40
		For 316 Stainless Steel, Add	*26.79*	
23 37 13 13-0247	SF	Opposed Blade Dampers Grille, Stainless Steel 304, > 4 SF	127.63	20.40
		For 316 Stainless Steel, Add	*18.72*	
23 37 13 13-0248		**304 Stainless Steel, Plaster Frames Replacement** *(23 37 13 13-0214)*		
		Note: For frequent replacement.		
23 37 13 13-0249	SF	To 4 SF, 304 Stainless Steel, Plaster Frames Replacement	130.56	20.40
		For 316 Stainless Steel, Add	*19.31*	
23 37 13 13-0250	SF	>4 SF, 304 Stainless Steel, Plaster Frames Replacement	68.79	20.40
		For 316 Stainless Steel, Add	*6.96*	
23 37 13 13-0251		**304 Stainless Steel, Modular Louvered Ceiling Diffusers** *(23 37 13 13-0214)*		
23 37 13 13-0252	SF	Up To 4 SF, 304 Stainless Steel, Modular Louvered Ceiling Diffuser	308.10	20.40
		For 316 Stainless Steel, Add	*54.82*	
23 37 13 13-0253	SF	>4 SF, 304 Stainless Steel, Modular Louvered Ceiling Diffuser	240.79	20.40
		For 316 Stainless Steel, Add	*41.36*	
23 37 13 13-0254		**304 Stainless Steel, Latticed Supply/Return Grilles** *(23 37 13 13-0214)*		
23 37 13 13-0255	SF	Up To 4 SF, 304 Stainless Steel, Latticed Supply/Return Grille	107.20	20.40
		For 316 Stainless Steel, Add	*14.64*	
23 37 13 13-0256	SF	>4 SF, 304 Stainless Steel, Latticed Supply/Return Grille	107.20	20.40
		For 316 Stainless Steel, Add	*14.64*	
23 37 13 13-0257		**Removal And Reinstallation Of Distribution Devices** *(23 37 13 13)*		
		Note: Includes storage and cleaning. Excludes ductwork.		
23 37 13 13-0258	EA	Removal And Reinstallation Of Variable Air Volume Terminal Unit	244.83	
23 37 13 13-0259	EA	Removal And Reinstallation Of Fan Powered Variable Volume Terminal Unit	270.04	
23 37 13 13-0260	EA	Removal And Reinstallation Of Lay-in Diffuser/Register/Grille	40.47	
23 37 13 13-0261	EA	Removal And Reinstallation Of Surface Mounted Diffuser/Register/Grille	54.82	
23 37 13 43		**Security Registers and Grilles** *(23 37 13)*		
23 37 13 43-0001		**Security Supply Or Return Grille** *(23 37 13 43)*		
		Note: Designed for maximum security applications, 3/16" steel face plate with 2" x 2" square holes, 1/4" steel backer plate, 3/16" welded steel sleeve, 10 gauge x 2 wire mesh between face and backer plates, 1" x 1" x 3/16" angle iron frame, standard finish.		
23 37 13 43-0002	EA	8" x 4" Steel Security Grille	272.88	19.62
		For Anchoring Tabs, Add	*23.36*	
		For Rear Operated Opposed Blade Damper, Add	*85.70*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*58.41*	
		For Stainless Steel, Add	*303.73*	
23 37 13 43-0003	EA	8" x 6" Steel Security Grille	302.51	20.27
		For Anchoring Tabs, Add	*26.20*	
		For Rear Operated Opposed Blade Damper, Add	*95.74*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*65.49*	
		For Stainless Steel, Add	*340.55*	
23 37 13 43-0004	EA	8" x 8" Steel Security Grille	346.68	22.89
		For Anchoring Tabs, Add	*30.09*	
		For Rear Operated Opposed Blade Damper, Add	*109.89*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*75.23*	
		For Stainless Steel, Add	*391.17*	
23 37 13 43-0005	EA	10" x 4" Steel Security Grille	302.90	22.23
		For Anchoring Tabs, Add	*25.84*	
		For Rear Operated Opposed Blade Damper, Add	*94.90*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*64.61*	
		For Stainless Steel, Add	*335.95*	
23 37 13 43-0006	EA	10" x 6" Steel Security Grille	323.21	23.54
		For Anchoring Tabs, Add	*27.61*	
		For Rear Operated Opposed Blade Damper, Add	*101.35*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*69.03*	
		For Stainless Steel, Add	*358.96*	
23 37 13 43-0007	EA	10" x 8" Steel Security Grille	369.62	25.50
		For Anchoring Tabs, Add	*31.86*	
		For Rear Operated Opposed Blade Damper, Add	*116.61*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*79.65*	
		For Stainless Steel, Add	*414.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 43-0008	EA	10" x 10" Steel Security Grille	412.47	27.47
		For Anchoring Tabs, Add	*35.75*	
		For Rear Operated Opposed Blade Damper, Add	*130.63*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*89.39*	
		For Stainless Steel, Add	*464.80*	
23 37 13 43-0009	EA	12" x 4" Steel Security Grille	318.74	24.85
		For Anchoring Tabs, Add	*26.90*	
		For Rear Operated Opposed Blade Damper, Add	*99.13*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*67.26*	
		For Stainless Steel, Add	*349.75*	
23 37 13 43-0010	EA	12" x 6" Steel Security Grille	355.83	27.47
		For Anchoring Tabs, Add	*30.09*	
		For Rear Operated Opposed Blade Damper, Add	*110.81*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*75.23*	
		For Stainless Steel, Add	*391.17*	
23 37 13 43-0011	EA	12" x 8" Steel Security Grille	405.78	29.43
		For Anchoring Tabs, Add	*34.69*	
		For Rear Operated Opposed Blade Damper, Add	*127.31*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*86.73*	
		For Stainless Steel, Add	*451.00*	
23 37 13 43-0012	EA	12" x 10" Steel Security Grille	441.56	31.39
		For Anchoring Tabs, Add	*37.88*	
		For Rear Operated Opposed Blade Damper, Add	*138.85*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*94.70*	
		For Stainless Steel, Add	*492.41*	
23 37 13 43-0013	EA	12" x 12" Steel Security Grille	487.97	33.35
		For Anchoring Tabs, Add	*42.13*	
		For Rear Operated Opposed Blade Damper, Add	*154.11*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*105.32*	
		For Stainless Steel, Add	*547.64*	
23 37 13 43-0014	EA	14" x 4" Steel Security Grille	340.36	26.81
		For Anchoring Tabs, Add	*28.67*	
		For Rear Operated Opposed Blade Damper, Add	*105.72*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*71.69*	
		For Stainless Steel, Add	*372.76*	
23 37 13 43-0015	EA	14" x 6" Steel Security Grille	383.24	28.77
		For Anchoring Tabs, Add	*32.57*	
		For Rear Operated Opposed Blade Damper, Add	*119.74*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*81.42*	
		For Stainless Steel, Add	*423.38*	
23 37 13 43-0016	EA	14" x 8" Steel Security Grille	427.40	31.39
		For Anchoring Tabs, Add	*36.46*	
		For Rear Operated Opposed Blade Damper, Add	*133.90*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*91.16*	
		For Stainless Steel, Add	*474.01*	
23 37 13 43-0017	EA	14" x 10" Steel Security Grille	482.19	34.01
		For Anchoring Tabs, Add	*41.42*	
		For Rear Operated Opposed Blade Damper, Add	*151.76*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*103.55*	
		For Stainless Steel, Add	*538.43*	
23 37 13 43-0018	EA	14" x 12" Steel Security Grille	531.22	37.28
		For Anchoring Tabs, Add	*45.67*	
		For Rear Operated Opposed Blade Damper, Add	*167.29*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*114.17*	
		For Stainless Steel, Add	*593.66*	
23 37 13 43-0019	EA	14" x 14" Steel Security Grille	571.85	39.90
		For Anchoring Tabs, Add	*49.21*	
		For Rear Operated Opposed Blade Damper, Add	*180.20*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*123.02*	
		For Stainless Steel, Add	*639.68*	
23 37 13 43-0020	EA	16" x 6" Steel Security Grille	409.70	31.39
		For Anchoring Tabs, Add	*34.69*	
		For Rear Operated Opposed Blade Damper, Add	*127.70*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*86.73*	
		For Stainless Steel, Add	*451.00*	
23 37 13 43-0021	EA	16" x 8" Steel Security Grille	468.03	34.01
		For Anchoring Tabs, Add	*40.00*	
		For Rear Operated Opposed Blade Damper, Add	*146.81*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*100.01*	
		For Stainless Steel, Add	*520.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 43-0022	EA	16" x 10" Steel Security Grille	505.12	36.62
		For Anchoring Tabs, Add	*43.19*	
		For Rear Operated Opposed Blade Damper, Add	*158.48*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*107.97*	
		For Stainless Steel, Add	*561.44*	
23 37 13 43-0023	EA	16" x 12" Steel Security Grille	569.23	38.59
		For Anchoring Tabs, Add	*49.21*	
		For Rear Operated Opposed Blade Damper, Add	*179.94*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*123.02*	
		For Stainless Steel, Add	*639.68*	
23 37 13 43-0024	EA	16" x 14" Steel Security Grille	602.78	41.21
		For Anchoring Tabs, Add	*52.04*	
		For Rear Operated Opposed Blade Damper, Add	*190.37*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*130.10*	
		For Stainless Steel, Add	*676.49*	
23 37 13 43-0025	EA	16" x 16" Steel Security Grille	654.04	43.83
		For Anchoring Tabs, Add	*56.64*	
		For Rear Operated Opposed Blade Damper, Add	*207.00*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*141.60*	
		For Stainless Steel, Add	*736.32*	
23 37 13 43-0026	EA	18" x 6" Steel Security Grille	435.25	35.31
		For Anchoring Tabs, Add	*36.46*	
		For Rear Operated Opposed Blade Damper, Add	*134.68*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*91.16*	
		For Stainless Steel, Add	*474.01*	
23 37 13 43-0027	EA	18" x 8" Steel Security Grille	497.13	37.93
		For Anchoring Tabs, Add	*42.13*	
		For Rear Operated Opposed Blade Damper, Add	*155.03*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*105.32*	
		For Stainless Steel, Add	*547.64*	
23 37 13 43-0028	EA	18" x 10" Steel Security Grille	544.84	40.56
		For Anchoring Tabs, Add	*46.37*	
		For Rear Operated Opposed Blade Damper, Add	*170.42*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*115.94*	
		For Stainless Steel, Add	*602.86*	
23 37 13 43-0029	EA	18" x 12" Steel Security Grille	599.63	43.17
		For Anchoring Tabs, Add	*51.33*	
		For Rear Operated Opposed Blade Damper, Add	*188.29*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*128.33*	
		For Stainless Steel, Add	*667.29*	
23 37 13 43-0030	EA	18" x 14" Steel Security Grille	640.80	42.52
		For Anchoring Tabs, Add	*55.58*	
		For Rear Operated Opposed Blade Damper, Add	*203.03*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*138.95*	
		For Stainless Steel, Add	*722.51*	
23 37 13 43-0031	EA	18" x 16" Steel Security Grille	701.37	44.48
		For Anchoring Tabs, Add	*61.24*	
		For Rear Operated Opposed Blade Damper, Add	*223.24*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*153.11*	
		For Stainless Steel, Add	*796.15*	
23 37 13 43-0032	EA	18" x 18" Steel Security Grille	751.31	46.44
		For Anchoring Tabs, Add	*65.84*	
		For Rear Operated Opposed Blade Damper, Add	*239.74*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*164.61*	
		For Stainless Steel, Add	*855.97*	
23 37 13 43-0033	EA	20" x 6" Steel Security Grille	466.58	38.59
		For Anchoring Tabs, Add	*38.94*	
		For Rear Operated Opposed Blade Damper, Add	*144.01*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*97.35*	
		For Stainless Steel, Add	*506.22*	
23 37 13 43-0034	EA	20" x 8" Steel Security Grille	527.52	42.52
		For Anchoring Tabs, Add	*44.25*	
		For Rear Operated Opposed Blade Damper, Add	*163.38*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*110.63*	
		For Stainless Steel, Add	*575.25*	
23 37 13 43-0035	EA	20" x 10" Steel Security Grille	581.01	44.48
		For Anchoring Tabs, Add	*49.21*	
		For Rear Operated Opposed Blade Damper, Add	*181.12*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*123.02*	
		For Stainless Steel, Add	*639.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 43-0036	EA	20" x 12" Steel Security Grille	639.34	47.10
		For Anchoring Tabs, Add	*54.52*	
		For Rear Operated Opposed Blade Damper, Add	*200.22*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*136.29*	
		For Stainless Steel, Add	*708.71*	
23 37 13 43-0037	EA	20" x 14" Steel Security Grille	703.43	49.06
		For Anchoring Tabs, Add	*60.53*	
		For Rear Operated Opposed Blade Damper, Add	*221.68*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*151.34*	
		For Stainless Steel, Add	*786.94*	
23 37 13 43-0038	EA	20" x 16" Steel Security Grille	760.46	51.02
		For Anchoring Tabs, Add	*65.84*	
		For Rear Operated Opposed Blade Damper, Add	*240.66*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*164.61*	
		For Stainless Steel, Add	*855.97*	
23 37 13 43-0039	EA	20" x 18" Steel Security Grille	813.95	52.98
		For Anchoring Tabs, Add	*70.80*	
		For Rear Operated Opposed Blade Damper, Add	*258.40*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*177.00*	
		For Stainless Steel, Add	*920.40*	
23 37 13 43-0040	EA	20" x 20" Steel Security Grille	878.06	54.94
		For Anchoring Tabs, Add	*76.82*	
		For Rear Operated Opposed Blade Damper, Add	*279.85*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*192.05*	
		For Stainless Steel, Add	*998.63*	
23 37 13 43-0041	EA	24" x 6" Steel Security Grille	518.20	43.17
		For Anchoring Tabs, Add	*43.19*	
		For Rear Operated Opposed Blade Damper, Add	*159.79*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*107.97*	
		For Stainless Steel, Add	*561.44*	
23 37 13 43-0042	EA	24" x 8" Steel Security Grille	586.23	47.10
		For Anchoring Tabs, Add	*49.21*	
		For Rear Operated Opposed Blade Damper, Add	*181.64*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*123.02*	
		For Stainless Steel, Add	*639.68*	
23 37 13 43-0043	EA	24" x 10" Steel Security Grille	641.95	48.40
		For Anchoring Tabs, Add	*54.52*	
		For Rear Operated Opposed Blade Damper, Add	*200.49*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*136.29*	
		For Stainless Steel, Add	*708.71*	
23 37 13 43-0044	EA	24" x 12" Steel Security Grille	719.67	53.63
		For Anchoring Tabs, Add	*61.24*	
		For Rear Operated Opposed Blade Damper, Add	*225.07*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*153.11*	
		For Stainless Steel, Add	*796.15*	
23 37 13 43-0045	EA	24" x 14" Steel Security Grille	776.69	55.60
		For Anchoring Tabs, Add	*66.55*	
		For Rear Operated Opposed Blade Damper, Add	*244.05*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*166.38*	
		For Stainless Steel, Add	*865.18*	
23 37 13 43-0046	EA	24" x 16" Steel Security Grille	847.88	57.56
		For Anchoring Tabs, Add	*73.28*	
		For Rear Operated Opposed Blade Damper, Add	*267.98*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*183.20*	
		For Stainless Steel, Add	*952.61*	
23 37 13 43-0047	EA	24" x 18" Steel Security Grille	929.67	59.52
		For Anchoring Tabs, Add	*81.07*	
		For Rear Operated Opposed Blade Damper, Add	*295.63*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*202.67*	
		For Stainless Steel, Add	*1,053.86*	
23 37 13 43-0048	EA	24" x 20" Steel Security Grille	986.69	61.48
		For Anchoring Tabs, Add	*86.38*	
		For Rear Operated Opposed Blade Damper, Add	*314.61*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*215.94*	
		For Stainless Steel, Add	*1,122.89*	
23 37 13 43-0049	EA	24" x 24" Steel Security Grille	1,107.82	65.41
		For Anchoring Tabs, Add	*97.70*	
		For Rear Operated Opposed Blade Damper, Add	*355.04*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*244.26*	
		For Stainless Steel, Add	*1,270.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 23		**HVAC Gravity Ventilators** *(23 37)*		
23 37 23 13		**HVAC Gravity Dome Ventilators** *(23 37 23)*		
23 37 23 13-0001		Rectangular Gravity Intake/Relief Ventilator Hood *(23 37 23 13)* Note: Includes flange base and bird screen. Excludes curb.		
23 37 23 13-0002	EA	8" x 8" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,342.77	75.74
23 37 23 13-0003	EA	8" x 12" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,415.80	86.70
23 37 23 13-0004	EA	8" x 18" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,770.47	107.85
23 37 23 13-0005	EA	8" x 24" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,885.88	114.78
23 37 23 13-0006	EA	8" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,202.15	133.58
23 37 23 13-0007	EA	10" x 10" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,584.79	86.19
23 37 23 13-0008	EA	12" x 12" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,741.67	97.15
23 37 23 13-0009	EA	12" x 18" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,026.98	104.46
23 37 23 13-0010	EA	12" x 24" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,197.55	126.61
23 37 23 13-0011	EA	12" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,536.42	135.80
23 37 23 13-0012	EA	12" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,875.02	144.15
23 37 23 13-0013	EA	14" x 14" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,896.58	98.32
23 37 23 13-0014	EA	14" x 18" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,161.25	112.04
23 37 23 13-0015	EA	14" x 24" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,425.94	125.75
23 37 23 13-0016	EA	14" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,734.61	141.81
23 37 23 13-0017	EA	14" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,087.55	160.09
23 37 23 13-0018	EA	16" x 16" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,293.49	118.95
23 37 23 13-0019	EA	16" x 20" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,381.75	123.52
23 37 23 13-0020	EA	16" x 24" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,646.40	137.24
23 37 23 13-0021	EA	16" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,999.22	155.52
23 37 23 13-0022	EA	16" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,352.03	173.80
23 37 23 13-0023	EA	16" x 42" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,837.23	199.00
23 37 23 13-0024	EA	18" x 18" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,280.30	117.26
23 37 23 13-0025	EA	18" x 24" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,653.38	136.46
23 37 23 13-0026	EA	18" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,026.60	155.65
23 37 23 13-0027	EA	18" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,441.16	176.93
23 37 23 13-0028	EA	18" x 42" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,814.27	196.12
23 37 23 13-0029	EA	20" x 20" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,391.34	130.06
23 37 23 13-0030	EA	20" x 24" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,704.89	147.16
23 37 23 13-0031	EA	20" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,018.55	164.14
23 37 23 13-0032	EA	20" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,489.01	189.73
23 37 23 13-0033	EA	20" x 42" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,841.78	208.93
23 37 23 13-0034	EA	24" x 24" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,010.53	174.85
23 37 23 13-0035	EA	24" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,340.92	194.04
23 37 23 13-0036	EA	24" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,818.25	221.73
23 37 23 13-0037	EA	24" x 42" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	4,185.37	243.00
23 37 23 13-0038	EA	24" x 48" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	4,589.23	266.51
23 37 23 13-0039	EA	30" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,626.13	199.00
23 37 23 13-0040	EA	30" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,995.46	219.24
23 37 23 13-0041	EA	30" x 42" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	4,398.47	241.31
23 37 23 13-0042	EA	30" x 48" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	4,801.34	263.51
23 37 23 13-0043	EA	30" x 54" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	5,842.13	320.57
23 37 23 13-0044	EA	30" x 60" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	6,245.14	342.63
23 37 23 13-0045	EA	36" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	4,175.72	246.93
23 37 23 13-0046	EA	36" x 42" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	4,580.75	270.82
23 37 23 13-0047	EA	36" x 48" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	5,484.44	324.23
23 37 23 13-0048	EA	36" x 54" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	6,107.62	361.05
23 37 23 13-0049	EA	36" x 60" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	6,481.66	383.25
23 37 23 13-0050	EA	36" x 66" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	6,980.20	412.63
23 37 23 13-0051	EA	36" x 72" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	7,852.76	464.20
23 37 23 13-0052	EA	42" x 42" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	4,988.22	276.43
23 37 23 13-0053	EA	42" x 48" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	6,193.19	343.16
23 37 23 13-0054	EA	42" x 54" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	7,061.98	391.34
23 37 23 13-0055	EA	42" x 60" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	7,314.12	405.31
23 37 23 13-0056	EA	42" x 66" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	8,154.85	451.81
23 37 23 13-0057	EA	42" x 72" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	8,967.50	496.85
23 37 23 13-0058	EA	48" x 48" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	6,574.30	399.05
23 37 23 13-0059	EA	48" x 54" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	7,111.60	431.69
23 37 23 13-0060	EA	48" x 60" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	7,648.77	464.34
23 37 23 13-0061	EA	48" x 66" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	8,492.93	515.52
23 37 23 13-0062	EA	48" x 72" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	9,000.92	522.31
23 37 23 13-0063	EA	54" x 54" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	7,635.99	449.84
23 37 23 13-0064	EA	54" x 60" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	8,565.35	504.55
23 37 23 13-0065	EA	54" x 66" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	9,293.84	547.51
23 37 23 13-0066	EA	54" x 72" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	9,896.57	583.03
23 37 23 13-0067	EA	60" x 60" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	9,517.97	560.05
23 37 23 13-0068	EA	60" x 66" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	9,992.24	597.01
23 37 23 13-0069	EA	60" x 72" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	10,710.56	642.84
23 37 23 13-0070	EA	66" x 66" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	9,972.72	645.84
23 37 23 13-0071	EA	66" x 72" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	11,661.92	755.26
23 37 23 13-0072	EA	72" x 72" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	12,051.49	696.38
23 38		**Ventilation Hoods** *(23 30)*		

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 38 13		**Commercial-Kitchen Hoods** *(23 38)*		
23 38 13 13		**Listed Commercial-Kitchen Hoods** *(23 38 13)*		
23 38 13 13-0001		Universal Ventless Hood *(23 38 13 13)*		
23 38 13 13-0002	EA	109" Wide x 50" Deep x 102" High, Ventless Exhaust Hood With Stand, (Wells WVU-96)	54,357.04	507.15
23 38 13 16		**Standard Commercial-Kitchen Hoods** *(23 38 13)*		
23 38 13 16-0001		Commercial Kitchen Hood Ventilation System *(23 38 13 16)* Note: Excludes fire suppression. See CSI section 23 34 16 00-0108 for exhaust and supply fans.		
23 38 13 16-0002		Dry Filter Exhaust Hoods *(23 38 13 16-0001)* Note: Includes stainless steel filters, exhaust damper and 48" long fluorescent light fixtures.		
23 38 13 16-0003	EA	8' Long x 60" Deep Dry Filter Exhaust Hood	12,810.10	951.51
23 38 13 16-0004	EA	8'-6" Long x 60" Deep Dry Filter Exhaust Hood	13,341.32	1,010.99
23 38 13 16-0005	EA	9' Long x 60" Deep Dry Filter Exhaust Hood	14,889.75	1,070.45
23 38 13 16-0006	EA	9'-6" Long x 60" Deep Dry Filter Exhaust Hood	15,336.65	1,129.92
23 38 13 16-0007	EA	10' Long x 60" Deep Dry Filter Exhaust Hood	15,882.93	1,189.39
23 38 13 16-0008	EA	10'-6" Long x 60" Deep Dry Filter Exhaust Hood	16,460.96	1,248.86
23 38 13 16-0009	EA	11' Long x 60" Deep Dry Filter Exhaust Hood	17,007.95	1,308.33
23 38 13 16-0010	EA	11'-6" Long x 60" Deep Dry Filter Exhaust Hood	17,571.95	1,367.80
23 38 13 16-0011	EA	12' Long x 60" Deep Dry Filter Exhaust Hood	18,200.74	1,427.27
23 38 13 16-0012	EA	12'-6" Long x 60" Deep Dry Filter Exhaust Hood	18,744.75	1,486.74
23 38 13 16-0013	EA	13' Long x 60" Deep Dry Filter Exhaust Hood	19,192.82	1,546.21
23 38 13 16-0014	EA	13'-6" Long x 60" Deep Dry Filter Exhaust Hood	19,955.12	1,605.68
23 38 13 16-0015	EA	14' Long x 60" Deep Dry Filter Exhaust Hood	22,353.19	1,665.15
23 38 13 16-0016	EA	14'-6" Long x 60" Deep Dry Filter Exhaust Hood	22,952.58	1,724.61
23 38 13 16-0017	EA	15" Long x 60" Deep Dry Filter Exhaust Hood	23,771.88	1,784.08
23 38 13 16-0018	EA	15'-6" Long x 60" Deep Dry Filter Exhaust Hood	24,385.24	1,843.56
23 38 13 16-0019	EA	16' Long x 60" Deep Dry Filter Exhaust Hood	25,308.07	1,903.03
23 38 13 16-0020		Dry Extractor Exhaust Hoods *(23 38 13 16-0001)* Note: Includes extractor inserts, exhaust damper, 48" long fluorescent light fixtures, and UDS filler panels.		
23 38 13 16-0021	EA	8' Long x 60" Deep Dry Extractor Exhaust Hood	18,001.48	951.51
23 38 13 16-0022	EA	8'-6" Long x 60" Deep Dry Extractor Exhaust Hood	18,565.56	1,010.99
23 38 13 16-0023	EA	9' Long x 60" Deep Dry Extractor Exhaust Hood	20,212.55	1,070.45
23 38 13 16-0024	EA	9'-6" Long x 60" Deep Dry Extractor Exhaust Hood	20,790.89	1,129.92
23 38 13 16-0025	EA	10' Long x 60" Deep Dry Extractor Exhaust Hood	21,370.02	1,189.39
23 38 13 16-0026	EA	10'-6" Long x 60" Deep Dry Extractor Exhaust Hood	21,915.19	1,248.86
23 38 13 16-0027	EA	11' Long x 60" Deep Dry Extractor Exhaust Hood	22,495.04	1,308.33
23 38 13 16-0028	EA	11'-6" Long x 60" Deep Dry Extractor Exhaust Hood	23,042.61	1,367.80
23 38 13 16-0029	EA	12' Long x 60" Deep Dry Extractor Exhaust Hood	23,556.41	1,427.27
23 38 13 16-0030	EA	12'-6" Long x 60" Deep Dry Extractor Exhaust Hood	24,297.56	1,486.74
23 38 13 16-0031	EA	13' Long x 60" Deep Dry Extractor Exhaust Hood	25,156.33	1,546.21
23 38 13 16-0032	EA	13'-6" Long x 60" Deep Dry Extractor Exhaust Hood	26,066.49	1,605.68
23 38 13 16-0033	EA	14' Long x 60" Deep Dry Extractor Exhaust Hood	27,988.13	1,665.15
23 38 13 16-0034	EA	14'-6" Long x 60" Deep Dry Extractor Exhaust Hood	28,916.10	1,724.61
23 38 13 16-0035	EA	15" Long x 60" Deep Dry Extractor Exhaust Hood	30,737.53	1,784.08
23 38 13 16-0036	EA	15'-6" Long x 60" Deep Dry Extractor Exhaust Hood	32,583.01	1,843.56
23 38 13 16-0037	EA	16' Long x 60" Deep Dry Extractor Exhaust Hood	34,409.41	1,903.03
23 38 13 16-0038		Single Manifold Water Wash Exhaust Hoods *(23 38 13 16-0001)* Note: Includes extraction baffles, 48" long fluorescent light fixtures, and UDS filler panels. Excludes fan wash control panel.		
23 38 13 16-0039	EA	8' Long x 60" Deep Single Manifold Water Wash Exhaust Hood	19,315.75	951.51
23 38 13 16-0040	EA	8'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood	19,912.69	1,010.99
23 38 13 16-0041	EA	9' Long x 60" Deep Single Manifold Water Wash Exhaust Hood	21,592.54	1,070.45
23 38 13 16-0042	EA	9'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood	22,187.30	1,129.92
23 38 13 16-0043	EA	10' Long x 60" Deep Single Manifold Water Wash Exhaust Hood	22,815.72	1,189.39
23 38 13 16-0044	EA	10'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood	23,393.75	1,248.86
23 38 13 16-0045	EA	11' Long x 60" Deep Single Manifold Water Wash Exhaust Hood	23,990.02	1,308.33
23 38 13 16-0046	EA	11'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood	24,586.89	1,367.80
23 38 13 16-0047	EA	12' Long x 60" Deep Single Manifold Water Wash Exhaust Hood	25,117.11	1,427.27
23 38 13 16-0048	EA	12'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood	25,923.97	1,486.74
23 38 13 16-0049	EA	13' Long x 60" Deep Single Manifold Water Wash Exhaust Hood	26,848.46	1,546.21
23 38 13 16-0050	EA	13'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood	27,824.33	1,605.68
23 38 13 16-0051	EA	14' Long x 60" Deep Single Manifold Water Wash Exhaust Hood	29,811.69	1,665.15
23 38 13 16-0052	EA	14'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood	30,805.36	1,724.61
23 38 13 16-0053	EA	15" Long x 60" Deep Single Manifold Water Wash Exhaust Hood	32,807.51	1,784.08
23 38 13 16-0054	EA	15'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood	33,798.72	1,843.56
23 38 13 16-0055	EA	16' Long x 60" Deep Single Manifold Water Wash Exhaust Hood	34,787.26	1,903.03
23 38 13 16-0056	EA	Fan Wash Control Panel Note: Includes time clock and backflow preventer.	13,892.76	475.75

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 38 13 16-0057		Utility Distribution System (UDS) *(23 38 13 16-0001)* Note: Includes "L" shaped primary riser, secondary riser, horizontal mechanical and electrical raceway; 2" IPS looped gas manifold with two (2) solenoid gas valves; 1" hot water manifold; 1" cold water manifold; 100 Amp 120-208 VAC/3 Ph/60 Hz main shunt trip connectors; equipment restraints; flexible drain connectors; and power interruption device. Excludes main shunt breaker.		
23 38 13 16-0058	EA	8' Long Utility Distribution System (UDS)	36,971.83	483.85
23 38 13 16-0059	EA	8'-6" Long Utility Distribution System (UDS)	38,063.35	495.62
23 38 13 16-0060	EA	9' Long Utility Distribution System (UDS)	39,142.98	507.15
23 38 13 16-0061	EA	9'-6" Long Utility Distribution System (UDS)	40,232.02	523.33
23 38 13 16-0062	EA	10' Long Utility Distribution System (UDS)	41,314.34	536.18
23 38 13 16-0063	EA	10'-6" Long Utility Distribution System (UDS)	42,386.47	549.73
23 38 13 16-0064	EA	11' Long Utility Distribution System (UDS)	43,473.32	559.13
23 38 13 16-0065	EA	11'-6" Long Utility Distribution System (UDS)	44,559.32	573.88
23 38 13 16-0066	EA	12' Long Utility Distribution System (UDS)	45,657.65	594.70
23 38 13 16-0067	EA	12'-6" Long Utility Distribution System (UDS)	46,770.87	623.00
23 38 13 16-0068	EA	13' Long Utility Distribution System (UDS)	47,864.09	641.32
23 38 13 16-0069	EA	13'-6" Long Utility Distribution System (UDS)	48,973.03	667.48
23 38 13 16-0070	EA	14' Long Utility Distribution System (UDS)	50,071.77	688.54
23 38 13 16-0071	EA	14'-6" Long Utility Distribution System (UDS)	51,173.25	711.02
23 38 13 16-0072	EA	15' Long Utility Distribution System (UDS)	52,277.78	735.05
23 38 13 16-0073	EA	15'-6" Long Utility Distribution System (UDS)	53,385.63	760.62
23 38 13 16-0074	EA	16' Long Utility Distribution System (UDS)	54,478.44	778.81
23 38 13 16-0075		Stainless Steel Exhaust Hood Material *(23 38 13 16)* Note: Welded seams.		
23 38 13 16-0076	SF	16 Gauge, Type 304, Stainless Steel Exhaust Hood Material	52.42	17.34
		For Type 316 Stainless Steel, Add	*1.65*	
23 38 13 16-0077	SF	14 Gauge, Type 304, Stainless Steel Exhaust Hood Material	65.53	23.12
		For Type 316 Stainless Steel, Add	*2.06*	
23 38 13 16-0078	SF	12 Gauge, Type 304, Stainless Steel Exhaust Hood Material	91.02	31.21
		For Type 316 Stainless Steel, Add	*2.88*	
23 38 13 16-0079	SF	10 Gauge, Type 304, Stainless Steel Exhaust Hood Material	114.06	38.14
		For Type 316 Stainless Steel, Add	*3.70*	
23 38 13 16-0080		Kitchen Exhaust Hood *(23 38 13 16)*		
23 38 13 16-0081	EA	10' x 4', Type 1, Low Ceiling Sloped Front Commercial Kitchen Hood System With PSP Makeup Air (Halifax LPSHP1048) Note: Ductwork connections by others.	11,079.29	2,409.35
		For Type 316 Stainless Steel, Add	*626.06*	
23 38 13 16-0082	EA	8' x 4', Type 1, Commercial Kitchen Hood System With Short Cycle Makeup Air (Halifax SCHP848) Note: Ductwork connections by others.	10,115.55	1,927.48
		For Type 316 Stainless Steel, Add	*626.06*	
23 38 13 16-0083	EA	4' x 4', Type 1, Low Ceiling Sloped Front Commercial Kitchen Hood System (Halifax LEXHP448) Note: Ductwork connections by others.	5,494.82	963.74
		For Type 316 Stainless Steel, Add	*356.73*	
23 38 13 16-0084	EA	6' x 4', Type 1, Low Ceiling Sloped Front Commercial Kitchen Hood System (Halifax LEXHP648) Note: Ductwork connections by others.	7,069.90	1,445.61
		For Type 316 Stainless Steel, Add	*417.87*	
23 38 13 16-0085	EA	5' x 4', Type 1, Commercial Kitchen Hood System (Halifax EXHP548) Note: Ductwork connections by others.	6,373.24	1,204.67
		For Type 316 Stainless Steel, Add	*396.39*	

23 40 HVAC Air Cleaning Devices *(23)*

23 41 Particulate Air Filtration *(23 40)*

23 41 13 Panel Air Filters *(23 41)*

23 41 13 00-0001		Disposable Air Filters *(23 41 13)*		
23 41 13 00-0002	EA	Throwaway Glass Or Paper Media Filter, Residential	14.03	
23 41 13 00-0003		Disposable Fiberglass Air Filters *(23 41 13)*		
23 41 13 00-0004	EA	8" x 16" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	14.16	6.28
23 41 13 00-0005	EA	8" x 24" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	14.16	6.28
23 41 13 00-0006	EA	8" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	13.86	6.28
23 41 13 00-0007	EA	10" x 10" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	13.77	6.57
23 41 13 00-0008	EA	10" x 20" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	13.77	6.57
23 41 13 00-0009	EA	10" x 24" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	13.77	6.57
23 41 13 00-0010	EA	10" x 25" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	13.77	6.57
23 41 13 00-0011	EA	10" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	14.01	6.57

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 41 13 00-0012	EA	12" x 12" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	14.55	6.87
23 41 13 00-0013	EA	12" x 16" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	14.53	6.87
23 41 13 00-0014	EA	12" x 20" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	13.85	6.87
23 41 13 00-0015	EA	12" x 24" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	13.85	6.87
23 41 13 00-0016	EA	12" x 25" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	13.85	6.87
23 41 13 00-0017	EA	12" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	16.49	6.87
23 41 13 00-0018	EA	12" x 36" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	19.50	6.87
23 41 13 00-0019	EA	14" x 14" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	15.66	7.26
23 41 13 00-0020	EA	14" x 18" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	18.18	7.26
23 41 13 00-0021	EA	14" x 20" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	14.69	7.26
23 41 13 00-0022	EA	14" x 24" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	15.66	7.26
23 41 13 00-0023	EA	14" x 25" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	14.69	7.26
23 41 13 00-0024	EA	14" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	16.57	7.26
23 41 13 00-0025	EA	15" x 20" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	14.87	7.46
23 41 13 00-0026	EA	15" x 25" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	14.87	7.46
23 41 13 00-0027	EA	15" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	19.27	7.46
23 41 13 00-0028	EA	16" x 16" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	15.03	7.56
23 41 13 00-0029	EA	16" x 18" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	16.67	7.56
23 41 13 00-0030	EA	16" x 20" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	15.08	7.56
23 41 13 00-0031	EA	16" x 24" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	16.05	7.56
23 41 13 00-0032	EA	16" x 25" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	14.45	7.56
23 41 13 00-0033	EA	16" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	19.41	7.56
23 41 13 00-0034	EA	16" x 32" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	23.07	7.56
23 41 13 00-0035	EA	16" x 36" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	22.78	7.56
23 41 13 00-0036	EA	18" x 18" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	16.44	7.85
23 41 13 00-0037	EA	18" x 20" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	16.06	7.85
23 41 13 00-0038	EA	18" x 24" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	16.44	7.85
23 41 13 00-0039	EA	18" x 25" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	17.72	7.85
23 41 13 00-0040	EA	18" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	19.57	7.85
23 41 13 00-0041	EA	18" x 36" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	21.69	7.85
23 41 13 00-0042	EA	19" x 27" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	18.32	8.24
23 41 13 00-0043	EA	20" x 20" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	15.36	8.24
23 41 13 00-0044	EA	20" x 24" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	18.69	8.24
23 41 13 00-0045	EA	20" x 25" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	17.91	8.24
23 41 13 00-0046	EA	20" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	19.49	8.24
23 41 13 00-0047	EA	20" x 32" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	23.99	8.24
23 41 13 00-0048	EA	20" x 36" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	21.62	8.24
23 41 13 00-0049	EA	21" x 21" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	19.66	8.34
23 41 13 00-0050	EA	22" x 22" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	18.81	8.44
23 41 13 00-0051	EA	24" x 24" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	18.94	8.53
23 41 13 00-0052	EA	24" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	19.59	8.53
23 41 13 00-0053	EA	24" x 36" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	26.16	8.53

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 41 13 00-0054	EA	25" x 25" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	19.07	8.63
23 41 13 00-0055	EA	25" x 32" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	26.68	8.63
23 41 13 00-0056	EA	10" x 10" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	15.76	6.57
23 41 13 00-0057	EA	10" x 20" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	14.67	6.57
23 41 13 00-0058	EA	12" x 24" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	17.10	6.87
23 41 13 00-0059	EA	14" x 20" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	17.62	7.26
23 41 13 00-0060	EA	14" x 25" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	17.62	7.26
23 41 13 00-0061	EA	15" x 20" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	17.99	7.46
23 41 13 00-0062	EA	16" x 20" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	17.89	7.56
23 41 13 00-0063	EA	16" x 24" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	17.72	7.56
23 41 13 00-0064	EA	16" x 25" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	18.12	7.56
23 41 13 00-0065	EA	18" x 24" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	19.22	7.85
23 41 13 00-0066	EA	20" x 20" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	19.86	8.24
23 41 13 00-0067	EA	20" x 24" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	19.58	8.24
23 41 13 00-0068	EA	20" x 25" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	19.58	8.24
23 41 13 00-0069	EA	24" x 24" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	20.26	8.53
23 41 13 00-0070	EA	25" x 25" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	20.39	8.63

23 41 13 00-0071 Disposable Pleated Air Filters *(23 41 13)*

23 41 13 00-0072	EA	10" x 20" x 1" Disposable Pleated Air Filter, MERV 8	14.88	6.57
23 41 13 00-0073	EA	10" x 24" x 1" Disposable Pleated Air Filter, MERV 8	22.11	6.57
23 41 13 00-0074	EA	10" x 30" x 1" Disposable Pleated Air Filter, MERV 8	27.81	6.57
23 41 13 00-0075	EA	12" x 12" x 1" Disposable Pleated Air Filter, MERV 8	19.18	6.87
23 41 13 00-0076	EA	12" x 20" x 1" Disposable Pleated Air Filter, MERV 8	17.83	6.87
23 41 13 00-0077	EA	12" x 24" x 1" Disposable Pleated Air Filter, MERV 8	17.62	6.87
23 41 13 00-0078	EA	12" x 25" x 1" Disposable Pleated Air Filter, MERV 8	17.62	6.87
23 41 13 00-0079	EA	12" x 30" x 1" Disposable Pleated Air Filter, MERV 8	28.21	6.87
23 41 13 00-0080	EA	14" x 14" x 1" Disposable Pleated Air Filter, MERV 8	21.70	7.26
23 41 13 00-0081	EA	14" x 20" x 1" Disposable Pleated Air Filter, MERV 8	18.35	7.26
23 41 13 00-0082	EA	14" x 24" x 1" Disposable Pleated Air Filter, MERV 8	23.41	7.26
23 41 13 00-0083	EA	14" x 25" x 1" Disposable Pleated Air Filter, MERV 8	18.97	7.26
23 41 13 00-0084	EA	14" x 30" x 1" Disposable Pleated Air Filter, MERV 8	27.20	7.26
23 41 13 00-0085	EA	15" x 20" x 1" Disposable Pleated Air Filter, MERV 8	18.74	7.46
23 41 13 00-0086	EA	16" x 16" x 1" Disposable Pleated Air Filter, MERV 8	22.09	7.56
23 41 13 00-0087	EA	16" x 20" x 1" Disposable Pleated Air Filter, MERV 8	18.46	7.56
23 41 13 00-0088	EA	16" x 24" x 1" Disposable Pleated Air Filter, MERV 8	21.51	7.56
23 41 13 00-0089	EA	16" x 25" x 1" Disposable Pleated Air Filter, MERV 8	19.15	7.56
23 41 13 00-0090	EA	16" x 30" x 1" Disposable Pleated Air Filter, MERV 8	27.59	7.56
23 41 13 00-0091	EA	18" x 18" x 1" Disposable Pleated Air Filter, MERV 8	29.51	7.85
23 41 13 00-0092	EA	18" x 20" x 1" Disposable Pleated Air Filter, MERV 8	21.86	7.85
23 41 13 00-0093	EA	18" x 24" x 1" Disposable Pleated Air Filter, MERV 8	21.48	7.85
23 41 13 00-0094	EA	18" x 25" x 1" Disposable Pleated Air Filter, MERV 8	21.22	7.85
23 41 13 00-0095	EA	18" x 30" x 1" Disposable Pleated Air Filter, MERV 8	29.69	7.85
23 41 13 00-0096	EA	20" x 20" x 1" Disposable Pleated Air Filter, MERV 8	20.18	8.24
23 41 13 00-0097	EA	20" x 24" x 1" Disposable Pleated Air Filter, MERV 8	21.57	8.24
23 41 13 00-0098	EA	20" x 25" x 1" Disposable Pleated Air Filter, MERV 8	21.33	8.24
23 41 13 00-0099	EA	20" x 30" x 1" Disposable Pleated Air Filter, MERV 8	24.10	8.24
23 41 13 00-0100	EA	22" x 22" x 1" Disposable Pleated Air Filter, MERV 8	29.28	8.44
23 41 13 00-0101	EA	24" x 24" x 1" Disposable Pleated Air Filter, MERV 8	22.96	8.53
23 41 13 00-0102	EA	24" x 30" x 1" Disposable Pleated Air Filter, MERV 8	36.08	8.53
23 41 13 00-0103	EA	25" x 25" x 1" Disposable Pleated Air Filter, MERV 8	24.30	8.63
23 41 13 00-0104	EA	10" x 20" x 2" Disposable Pleated Air Filter, MERV 8	17.57	6.57
23 41 13 00-0105	EA	12" x 12" x 2" Disposable Pleated Air Filter, MERV 8	22.93	6.87
23 41 13 00-0106	EA	12" x 20" x 2" Disposable Pleated Air Filter, MERV 8	18.42	6.87
23 41 13 00-0107	EA	12" x 24" x 2" Disposable Pleated Air Filter, MERV 8	18.14	6.87
23 41 13 00-0108	EA	14" x 20" x 2" Disposable Pleated Air Filter, MERV 8	19.18	7.26
23 41 13 00-0109	EA	14" x 25" x 2" Disposable Pleated Air Filter, MERV 8	20.02	7.26
23 41 13 00-0110	EA	15" x 20" x 2" Disposable Pleated Air Filter, MERV 8	19.44	7.46
23 41 13 00-0111	EA	16" x 16" x 2" Disposable Pleated Air Filter, MERV 8	24.43	7.56
23 41 13 00-0112	EA	16" x 20" x 2" Disposable Pleated Air Filter, MERV 8	19.05	7.56
23 41 13 00-0113	EA	16" x 24" x 2" Disposable Pleated Air Filter, MERV 8	21.72	7.56
23 41 13 00-0114	EA	16" x 25" x 2" Disposable Pleated Air Filter, MERV 8	20.13	7.56
23 41 13 00-0115	EA	18" x 18" x 2" Disposable Pleated Air Filter, MERV 8	28.19	7.85
23 41 13 00-0116	EA	18" x 20" x 2" Disposable Pleated Air Filter, MERV 8	24.06	7.85

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 41 13 00-0117	EA	18" x 24" x 2" Disposable Pleated Air Filter, MERV 8	21.86	7.85
23 41 13 00-0118	EA	18" x 25" x 2" Disposable Pleated Air Filter, MERV 8	22.70	7.85
23 41 13 00-0119	EA	20" x 20" x 2" Disposable Pleated Air Filter, MERV 8	21.26	8.24
23 41 13 00-0120	EA	20" x 24" x 2" Disposable Pleated Air Filter, MERV 8	22.78	8.24
23 41 13 00-0121	EA	20" x 25" x 2" Disposable Pleated Air Filter, MERV 8	22.52	8.24
23 41 13 00-0122	EA	20" x 30" x 2" Disposable Pleated Air Filter, MERV 8	32.48	8.24
23 41 13 00-0123	EA	24" x 24" x 2" Disposable Pleated Air Filter, MERV 8	24.14	8.53
23 41 13 00-0124	EA	25" x 25" x 2" Disposable Pleated Air Filter, MERV 8	26.67	8.63
23 41 13 00-0125	EA	12" x 24" x 4" Disposable Pleated Air Filter, MERV 8	27.79	6.87
23 41 13 00-0126	EA	16" x 20" x 4" Disposable Pleated Air Filter, MERV 8	30.03	7.56
23 41 13 00-0127	EA	16" x 25" x 4" Disposable Pleated Air Filter, MERV 8	32.10	7.56
23 41 13 00-0128	EA	18" x 24" x 4" Disposable Pleated Air Filter, MERV 8	34.62	7.85
23 41 13 00-0129	EA	20" x 20" x 4" Disposable Pleated Air Filter, MERV 8	32.91	8.24
23 41 13 00-0130	EA	20" x 24" x 4" Disposable Pleated Air Filter, MERV 8	35.81	8.24
23 41 13 00-0131	EA	20" x 25" x 4" Disposable Pleated Air Filter, MERV 8	36.08	8.24
23 41 13 00-0132	EA	24" x 24" x 4" Disposable Pleated Air Filter, MERV 8	39.38	8.53
23 41 13 00-0133	EA	10" x 20" x 1" Disposable Pleated Air Filter, MERV 11	25.28	6.57
23 41 13 00-0134	EA	10" x 24" x 1" Disposable Pleated Air Filter, MERV 11	25.28	6.57
23 41 13 00-0135	EA	10" x 30" x 1" Disposable Pleated Air Filter, MERV 11	32.77	6.57
23 41 13 00-0136	EA	12" x 12" x 1" Disposable Pleated Air Filter, MERV 11	26.80	6.87
23 41 13 00-0137	EA	12" x 20" x 1" Disposable Pleated Air Filter, MERV 11	26.12	6.87
23 41 13 00-0138	EA	12" x 24" x 1" Disposable Pleated Air Filter, MERV 11	26.01	6.87
23 41 13 00-0139	EA	12" x 30" x 1" Disposable Pleated Air Filter, MERV 11	37.18	6.87
23 41 13 00-0140	EA	14" x 14" x 1" Disposable Pleated Air Filter, MERV 11	30.44	7.26
23 41 13 00-0141	EA	14" x 20" x 1" Disposable Pleated Air Filter, MERV 11	26.81	7.26
23 41 13 00-0142	EA	14" x 24" x 1" Disposable Pleated Air Filter, MERV 11	34.61	7.26
23 41 13 00-0143	EA	14" x 25" x 1" Disposable Pleated Air Filter, MERV 11	33.86	7.26
23 41 13 00-0144	EA	14" x 30" x 1" Disposable Pleated Air Filter, MERV 11	39.74	7.26
23 41 13 00-0145	EA	15" x 20" x 1" Disposable Pleated Air Filter, MERV 11	25.74	7.46
23 41 13 00-0146	EA	16" x 16" x 1" Disposable Pleated Air Filter, MERV 11	36.45	7.56
23 41 13 00-0147	EA	16" x 20" x 1" Disposable Pleated Air Filter, MERV 11	24.05	7.56
23 41 13 00-0148	EA	16" x 24" x 1" Disposable Pleated Air Filter, MERV 11	31.00	7.56
23 41 13 00-0149	EA	16" x 25" x 1" Disposable Pleated Air Filter, MERV 11	28.49	7.56
23 41 13 00-0150	EA	16" x 30" x 1" Disposable Pleated Air Filter, MERV 11	37.61	7.56
23 41 13 00-0151	EA	18" x 18" x 1" Disposable Pleated Air Filter, MERV 11	38.48	7.85
23 41 13 00-0152	EA	18" x 20" x 1" Disposable Pleated Air Filter, MERV 11	32.66	7.85
23 41 13 00-0153	EA	18" x 24" x 1" Disposable Pleated Air Filter, MERV 11	29.45	7.85
23 41 13 00-0154	EA	18" x 25" x 1" Disposable Pleated Air Filter, MERV 11	31.39	7.85
23 41 13 00-0155	EA	18" x 30" x 1" Disposable Pleated Air Filter, MERV 11	43.48	7.85
23 41 13 00-0156	EA	20" x 20" x 1" Disposable Pleated Air Filter, MERV 11	29.59	8.24
23 41 13 00-0157	EA	20" x 24" x 1" Disposable Pleated Air Filter, MERV 11	32.46	8.24
23 41 13 00-0158	EA	20" x 25" x 1" Disposable Pleated Air Filter, MERV 11	32.77	8.24
23 41 13 00-0159	EA	20" x 30" x 1" Disposable Pleated Air Filter, MERV 11	38.12	8.24
23 41 13 00-0160	EA	22" x 22" x 1" Disposable Pleated Air Filter, MERV 11	42.19	8.44
23 41 13 00-0161	EA	24" x 24" x 1" Disposable Pleated Air Filter, MERV 11	35.56	8.53
23 41 13 00-0162	EA	24" x 30" x 1" Disposable Pleated Air Filter, MERV 11	46.05	8.53
23 41 13 00-0163	EA	25" x 25" x 1" Disposable Pleated Air Filter, MERV 11	40.00	8.63
23 41 13 00-0164	EA	10" x 20" x 2" Disposable Pleated Air Filter, MERV 11	25.72	6.57
23 41 13 00-0165	EA	12" x 12" x 2" Disposable Pleated Air Filter, MERV 11	27.09	6.87
23 41 13 00-0166	EA	12" x 20" x 2" Disposable Pleated Air Filter, MERV 11	25.76	6.87
23 41 13 00-0167	EA	12" x 24" x 2" Disposable Pleated Air Filter, MERV 11	30.23	6.87
23 41 13 00-0168	EA	14" x 20" x 2" Disposable Pleated Air Filter, MERV 11	27.12	7.26
23 41 13 00-0169	EA	14" x 25" x 2" Disposable Pleated Air Filter, MERV 11	28.41	7.26
23 41 13 00-0170	EA	15" x 20" x 2" Disposable Pleated Air Filter, MERV 11	27.86	7.46
23 41 13 00-0171	EA	16" x 16" x 2" Disposable Pleated Air Filter, MERV 11	37.20	7.56
23 41 13 00-0172	EA	16" x 20" x 2" Disposable Pleated Air Filter, MERV 11	32.41	7.56
23 41 13 00-0173	EA	16" x 24" x 2" Disposable Pleated Air Filter, MERV 11	31.60	7.56
23 41 13 00-0174	EA	16" x 25" x 2" Disposable Pleated Air Filter, MERV 11	35.76	7.56
23 41 13 00-0175	EA	18" x 18" x 2" Disposable Pleated Air Filter, MERV 11	42.85	7.85
23 41 13 00-0176	EA	18" x 20" x 2" Disposable Pleated Air Filter, MERV 11	34.02	7.85
23 41 13 00-0177	EA	18" x 24" x 2" Disposable Pleated Air Filter, MERV 11	38.80	7.85
23 41 13 00-0178	EA	18" x 25" x 2" Disposable Pleated Air Filter, MERV 11	33.64	7.85
23 41 13 00-0179	EA	20" x 20" x 2" Disposable Pleated Air Filter, MERV 11	37.30	8.24
23 41 13 00-0180	EA	20" x 24" x 2" Disposable Pleated Air Filter, MERV 11	39.96	8.24
23 41 13 00-0181	EA	20" x 25" x 2" Disposable Pleated Air Filter, MERV 11	40.35	8.24
23 41 13 00-0182	EA	24" x 24" x 2" Disposable Pleated Air Filter, MERV 11	40.35	8.53
23 41 13 00-0183	EA	25" x 25" x 2" Disposable Pleated Air Filter, MERV 11	40.87	8.63
23 41 13 00-0184	EA	12" x 24" x 4" Disposable Pleated Air Filter, MERV 11	49.03	6.87
23 41 13 00-0185	EA	16" x 20" x 4" Disposable Pleated Air Filter, MERV 11	50.23	7.56
23 41 13 00-0186	EA	16" x 25" x 4" Disposable Pleated Air Filter, MERV 11	59.77	7.56
23 41 13 00-0187	EA	18" x 24" x 4" Disposable Pleated Air Filter, MERV 11	59.70	7.85
23 41 13 00-0188	EA	20" x 20" x 4" Disposable Pleated Air Filter, MERV 11	59.49	8.24
23 41 13 00-0189	EA	20" x 24" x 4" Disposable Pleated Air Filter, MERV 11	65.48	8.24
23 41 13 00-0190	EA	20" x 25" x 4" Disposable Pleated Air Filter, MERV 11	65.48	8.24
23 41 13 00-0191	EA	24" x 24" x 4" Disposable Pleated Air Filter, MERV 11	73.06	8.53
23 41 13 00-0192	EA	8" x 16" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	32.18	6.28
23 41 13 00-0193	EA	8" x 24" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	32.18	6.28
23 41 13 00-0194	EA	8" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	32.18	6.28
23 41 13 00-0195	EA	10" x 10" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	32.57	6.57
23 41 13 00-0196	EA	10" x 20" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	31.17	6.57
23 41 13 00-0197	EA	10" x 24" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	32.57	6.57

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 41 13 00-0198	EA	10" x 25" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	32.57	6.57
23 41 13 00-0199	EA	10" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	32.57	6.57
23 41 13 00-0200	EA	12" x 12" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	31.57	6.87
23 41 13 00-0201	EA	12" x 16" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	32.97	6.87
23 41 13 00-0202	EA	12" x 20" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	31.57	6.87
23 41 13 00-0203	EA	12" x 24" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	31.57	6.87
23 41 13 00-0204	EA	12" x 25" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	32.97	6.87
23 41 13 00-0205	EA	12" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	32.97	6.87
23 41 13 00-0206	EA	12" x 36" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	34.37	6.87
23 41 13 00-0207	EA	14" x 14" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	32.09	7.26
23 41 13 00-0208	EA	14" x 18" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	33.49	7.26
23 41 13 00-0209	EA	14" x 20" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	32.09	7.26
23 41 13 00-0210	EA	14" x 24" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	32.09	7.26
23 41 13 00-0211	EA	14" x 25" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	32.09	7.26
23 41 13 00-0212	EA	14" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	33.49	7.26
23 41 13 00-0213	EA	15" x 20" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	32.35	7.46
23 41 13 00-0214	EA	15" x 25" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	33.75	7.46
23 41 13 00-0215	EA	15" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	33.75	7.46
23 41 13 00-0216	EA	16" x 16" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	32.48	7.56
23 41 13 00-0217	EA	16" x 18" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	33.88	7.56
23 41 13 00-0218	EA	16" x 20" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	32.48	7.56
23 41 13 00-0219	EA	16" x 24" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	32.48	7.56
23 41 13 00-0220	EA	16" x 25" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	32.48	7.56
23 41 13 00-0221	EA	16" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	33.88	7.56
23 41 13 00-0222	EA	16" x 32" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	33.88	7.56
23 41 13 00-0223	EA	16" x 36" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	38.44	7.56
23 41 13 00-0224	EA	18" x 18" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	32.87	7.85
23 41 13 00-0225	EA	18" x 20" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	35.67	7.85
23 41 13 00-0226	EA	18" x 24" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	32.87	7.85
23 41 13 00-0227	EA	18" x 25" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	35.67	7.85
23 41 13 00-0228	EA	18" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	35.67	7.85
23 41 13 00-0229	EA	18" x 36" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	38.83	7.85
23 41 13 00-0230	EA	19" x 27" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	36.20	8.24
23 41 13 00-0231	EA	20" x 20" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	33.40	8.24
23 41 13 00-0232	EA	20" x 24" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	33.40	8.24
23 41 13 00-0233	EA	20" x 25" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	33.40	8.24
23 41 13 00-0234	EA	20" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	34.80	8.24
23 41 13 00-0235	EA	20" x 32" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	39.36	8.24
23 41 13 00-0236	EA	20" x 36" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	39.36	8.24
23 41 13 00-0237	EA	21" x 21" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	36.33	8.34
23 41 13 00-0238	EA	22" x 22" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	35.06	8.44
23 41 13 00-0239	EA	24" x 24" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	38.00	8.53
23 41 13 00-0240	EA	24" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	38.00	8.53
23 41 13 00-0241	EA	24" x 36" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	42.55	8.53
23 41 13 00-0242	EA	25" x 25" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	38.13	8.63
23 41 13 00-0243	EA	25" x 32" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	42.68	8.63
23 41 13 00-0244	EA	30" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	42.94	8.83
23 41 13 00-0245		Carbon Vapor Trap, Disposable V-Bank Filter *(23 41 13)*		
23 41 13 00-0246	EA	24" x 24" x 12" Thick Carbon Vapor, Disposable V-Bank Filter	971.76	19.62
23 41 13 00-0247		Electrostatic Air Filters With Frame, Element And Busbar *(23 41 13)*		
23 41 13 00-0248	MF3	Electrostatic Air Filter, High Efficiency Non-Supported With Frame, Element And Busbar	72.91	
23 41 13 00-0249	MF3	Electrostatic Air Filter, Medium Efficiency Non-Supported With Frame, Element And Busbar	70.42	
23 41 13 00-0250	MF3	Electrostatic Air Filter, Glass/Paper Throwaway With Frame, Element And Busbar	3.04	

23 41 16 Renewable-Media Air Filters *(23 41)*

23 41 16 00-0001		Renewable-Media Electrostatic Air Filters With Frame, Element And Busbar *(23 41 16)*		
23 41 16 00-0002	MF3	Electrostatic Air Filter, 5' Disposable Roll Renewable With Frame, Element And Busbar	125.46	

23 41 19 Washable Air Filters *(23 41)*

23 41 19 00-0001		Washable Electrostatic Air Filters With Frame, Element And Busbar *(23 41 19)*		
23 41 19 00-0002	MF3	Electrostatic Air Filter, Permanent, Washable With Frame, Element And Busbar	47.91	

23 41 33 High-Efficiency Particulate Filtration *(23 41)*

23 41 33 00-0001 High Efficiency Particulate Air (HEPA) Filters *(23 41 33)*
Note: Includes particleboard and kraft paper frame and separator material.

23 41 33 00-0002 High Efficiency Particulate Air (HEPA) Filters DOP Efficiency-95% *(23 41 33 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 41 33 00-0003	EA	12" x 12" x 6", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 150 CFM, Complete	131.64	18.31
		For Removal And Replacement In Existing Equipment, Add	*3.66*	
		For >10 To 25, Deduct	*-3.29*	
		For >25 To 50, Deduct	*-6.58*	
		For >50 To 100, Deduct	*-9.87*	
		For >100, Deduct	*-13.16*	
23 41 33 00-0004	EA	24" x 12" x 6", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 375 CFM, Complete	174.49	20.93
		For Removal And Replacement In Existing Equipment, Add	*4.19*	
		For >10 To 25, Deduct	*-4.36*	
		For >25 To 50, Deduct	*-8.72*	
		For >50 To 100, Deduct	*-13.09*	
		For >100, Deduct	*-17.45*	
23 41 33 00-0005	EA	24" x 18" x 6", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 450 CFM, Complete	204.17	24.20
		For Removal And Replacement In Existing Equipment, Add	*4.84*	
		For >10 To 25, Deduct	*-5.10*	
		For >25 To 50, Deduct	*-10.21*	
		For >50 To 100, Deduct	*-15.31*	
		For >100, Deduct	*-20.42*	
23 41 33 00-0006	EA	24" x 24" x 6", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 700 CFM, Complete	233.88	27.47
		For Removal And Replacement In Existing Equipment, Add	*5.49*	
		For >10 To 25, Deduct	*-5.85*	
		For >25 To 50, Deduct	*-11.69*	
		For >50 To 100, Deduct	*-17.54*	
		For >100, Deduct	*-23.39*	
23 41 33 00-0007	EA	12" x 12" x 12", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 250 CFM, Complete	159.96	19.62
		For Removal And Replacement In Existing Equipment, Add	*3.92*	
		For >10 To 25, Deduct	*-4.00*	
		For >25 To 50, Deduct	*-8.00*	
		For >50 To 100, Deduct	*-12.00*	
		For >100, Deduct	*-16.00*	
23 41 33 00-0008	EA	24" x 12" x 12", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 500 CFM, Complete	214.28	22.89
		For Removal And Replacement In Existing Equipment, Add	*4.58*	
		For >10 To 25, Deduct	*-5.36*	
		For >25 To 50, Deduct	*-10.71*	
		For >50 To 100, Deduct	*-16.07*	
		For >100, Deduct	*-21.43*	
23 41 33 00-0009	EA	24" x 18" x 12", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 875 CFM, Complete	255.94	26.16
		For Removal And Replacement In Existing Equipment, Add	*5.23*	
		For >10 To 25, Deduct	*-6.40*	
		For >25 To 50, Deduct	*-12.80*	
		For >50 To 100, Deduct	*-19.20*	
		For >100, Deduct	*-25.59*	
23 41 33 00-0010	EA	24" x 24" x 12", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 1,000 CFM, Complete	304.13	32.70
		For Removal And Replacement In Existing Equipment, Add	*6.54*	
		For >10 To 25, Deduct	*-7.60*	
		For >25 To 50, Deduct	*-15.21*	
		For >50 To 100, Deduct	*-22.81*	
		For >100, Deduct	*-30.41*	
23 41 33 00-0011		High Efficiency Particulate Air (HEPA) Filters DOP Efficiency-99.99% *(23 41 33 00-0001)*		
23 41 33 00-0012	EA	12" x 12" x 3", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, Complete	112.88	16.35
		For Removal And Replacement In Existing Equipment, Add	*3.27*	
		For >10 To 25, Deduct	*-2.82*	
		For >25 To 50, Deduct	*-5.64*	
		For >50 To 100, Deduct	*-8.47*	
		For >100, Deduct	*-11.29*	
23 41 33 00-0013	EA	24" x 12" x 3", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, Complete	155.76	19.62
		For Removal And Replacement In Existing Equipment, Add	*3.92*	
		For >10 To 25, Deduct	*-3.89*	
		For >25 To 50, Deduct	*-7.79*	
		For >50 To 100, Deduct	*-11.68*	
		For >100, Deduct	*-15.58*	
23 41 33 00-0014	EA	24" x 24" x 3", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, Complete	237.24	22.89
		For Removal And Replacement In Existing Equipment, Add	*4.58*	
		For >10 To 25, Deduct	*-5.93*	
		For >25 To 50, Deduct	*-11.86*	
		For >50 To 100, Deduct	*-17.79*	
		For >100, Deduct	*-23.72*	
23 41 33 00-0015	EA	36" x 24" x 3", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, Complete	304.50	26.16
		For Removal And Replacement In Existing Equipment, Add	*5.23*	
		For >10 To 25, Deduct	*-7.61*	
		For >25 To 50, Deduct	*-15.23*	
		For >50 To 100, Deduct	*-22.84*	
		For >100, Deduct	*-30.45*	
23 41 33 00-0016	EA	8" x 8" x 6", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, Complete	106.27	13.08
		For Removal And Replacement In Existing Equipment, Add	*2.62*	
		For >10 To 25, Deduct	*-2.66*	
		For >25 To 50, Deduct	*-5.31*	
		For >50 To 100, Deduct	*-7.97*	
		For >100, Deduct	*-10.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 41 33 00-0017	EA	12" x 12" x 6", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 150 CFM, Complete	140.89	17.66
		For Removal And Replacement In Existing Equipment, Add	*3.53*	
		For >10 To 25, Deduct	*-3.52*	
		For >25 To 50, Deduct	*-7.04*	
		For >50 To 100, Deduct	*-10.57*	
		For >100, Deduct	*-14.09*	
23 41 33 00-0018	EA	24" x 12" x 6", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 325 CFM, Complete	189.22	20.93
		For Removal And Replacement In Existing Equipment, Add	*4.19*	
		For >10 To 25, Deduct	*-4.73*	
		For >25 To 50, Deduct	*-9.46*	
		For >50 To 100, Deduct	*-14.19*	
		For >100, Deduct	*-18.92*	
23 41 33 00-0019	EA	24" x 18" x 6", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 550 CFM, Complete	222.14	24.53
		For Removal And Replacement In Existing Equipment, Add	*4.91*	
		For >10 To 25, Deduct	*-5.55*	
		For >25 To 50, Deduct	*-11.11*	
		For >50 To 100, Deduct	*-16.66*	
		For >100, Deduct	*-22.21*	
23 41 33 00-0020	EA	24" x 24" x 6", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 775 CFM, Complete	253.76	27.47
		For Removal And Replacement In Existing Equipment, Add	*5.49*	
		For >10 To 25, Deduct	*-6.34*	
		For >25 To 50, Deduct	*-12.69*	
		For >50 To 100, Deduct	*-19.03*	
		For >100, Deduct	*-25.38*	
23 41 33 00-0021	EA	12" x 12" x 12", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 250 CFM, Complete	173.37	19.62
		For Removal And Replacement In Existing Equipment, Add	*3.92*	
		For >10 To 25, Deduct	*-4.33*	
		For >25 To 50, Deduct	*-8.67*	
		For >50 To 100, Deduct	*-13.00*	
		For >100, Deduct	*-17.34*	
23 41 33 00-0022	EA	24" x 12" x 12", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 500 CFM, Complete	233.01	22.89
		For Removal And Replacement In Existing Equipment, Add	*4.58*	
		For >10 To 25, Deduct	*-5.83*	
		For >25 To 50, Deduct	*-11.65*	
		For >50 To 100, Deduct	*-17.48*	
		For >100, Deduct	*-23.30*	
23 41 33 00-0023	EA	24" x 18" x 12", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 775 CFM, Complete	278.56	26.16
		For Removal And Replacement In Existing Equipment, Add	*5.23*	
		For >10 To 25, Deduct	*-6.96*	
		For >25 To 50, Deduct	*-13.93*	
		For >50 To 100, Deduct	*-20.89*	
		For >100, Deduct	*-27.86*	
23 41 33 00-0024	EA	24" x 24" x 12", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 1,100 CFM, Complete	343.27	32.70
		For Removal And Replacement In Existing Equipment, Add	*6.54*	
		For >10 To 25, Deduct	*-8.58*	
		For >25 To 50, Deduct	*-17.16*	
		For >50 To 100, Deduct	*-25.75*	
		For >100, Deduct	*-34.33*	

23 41 33 00-0025 High Efficiency Particulate Air (HEPA) Filter Housings, 14 Gauge Galvanized Sheet Metal *(23 41 33)*

Note: Nominal sizes.

23 41 33 00-0026	EA	12" x 12" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	330.16	97.58
23 41 33 00-0027	EA	24" x 12" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	617.57	193.95
23 41 33 00-0028	EA	24" x 18" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	626.73	193.95
23 41 33 00-0029	EA	24" x 24" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	632.83	193.95
23 41 33 00-0030	EA	24" x 48" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	675.58	193.95
23 41 33 00-0031	EA	24" x 72" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	729.02	193.95
23 41 33 00-0032	EA	48" x 48" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	1,198.50	389.11
23 41 33 00-0033	EA	48" x 72" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	1,328.28	389.11
23 41 33 00-0034	EA	48" x 96" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	1,493.17	389.11
23 41 33 00-0035	EA	12" x 12" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	356.12	97.58
23 41 33 00-0036	EA	24" x 12" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	661.84	193.95
23 41 33 00-0037	EA	24" x 18" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	672.53	193.95
23 41 33 00-0038	EA	24" x 24" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	680.16	193.95
23 41 33 00-0039	EA	24" x 48" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	730.55	193.95
23 41 33 00-0040	EA	24" x 72" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	797.73	193.95
23 41 33 00-0041	EA	48" x 48" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	1,305.37	389.11
23 41 33 00-0042	EA	48" x 72" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	1,467.21	389.11
23 41 33 00-0043	EA	48" x 96" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	1,671.81	389.11

23 41 33 00-0044 Filter, Bag Type, 90-95% Efficiency *(23 41 33)*

23 41 33 00-0045	EA	0.75 - 1.25 MCFM, 24" x 12" x 29" Filter, Bag Type, 90 - 95% Efficiency	298.51	126.49
23 41 33 00-0046	EA	1.5 - 2.5 MCFM, 24" x 24" x 29" Filter, Bag Type, 90 - 95% Efficiency	341.23	126.49

23 41 33 00-0047 Filter, Bag Type, 80-85% Efficiency *(23 41 33)*

23 41 33 00-0048	EA	0.75 - 1.25 MCFM, 24" x 12" x 29" Filter, Bag Type, 80 - 85% Efficiency	293.60	126.49
23 41 33 00-0049	EA	1.5 - 2.5 MCFM, 24" x 24" x 29" Filter, Bag Type, 80 - 85% Efficiency	325.12	126.49

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 42 Gas-Phase Air Filtration *(23 40)*

23 42 13 Activated-Carbon Air Filtration *(23 42)*

23 42 13 00-0001	EA	12" x 24" x 1" Thick Activated Carbon Honeycomb Disposable Filter	47.46	9.81
23 42 13 00-0002	EA	16" x 20" x 1" Thick Activated Carbon Honeycomb Disposable Filter	47.99	9.81
23 42 13 00-0003	EA	16" x 25" x 1" Thick Activated Carbon Honeycomb Disposable Filter	48.31	9.81
23 42 13 00-0004	EA	20" x 20" x 1" Thick Activated Carbon Honeycomb Disposable Filter	48.31	9.81
23 42 13 00-0005	EA	20" x 25" x 1" Thick Activated Carbon Honeycomb Disposable Filter	52.32	9.81
23 42 13 00-0006	EA	24" x 24" x 1" Thick Activated Carbon Honeycomb Disposable Filter	58.90	9.81
23 42 13 00-0007	EA	12" x 24" x 2" Thick Activated Carbon Honeycomb Disposable Filter	59.85	11.12
23 42 13 00-0008	EA	16" x 20" x 2" Thick Activated Carbon Honeycomb Disposable Filter	60.30	11.12
23 42 13 00-0009	EA	16" x 25" x 2" Thick Activated Carbon Honeycomb Disposable Filter	60.68	11.12
23 42 13 00-0010	EA	20" x 20" x 2" Thick Activated Carbon Honeycomb Disposable Filter	60.68	11.12
23 42 13 00-0011	EA	20" x 25" x 2" Thick Activated Carbon Honeycomb Disposable Filter	65.11	11.12
23 42 13 00-0012	EA	24" x 24" x 2" Thick Activated Carbon Honeycomb Disposable Filter	77.45	11.12
23 42 13 00-0013	EA	16" x 20" x 1" Thick Carbon Impregnated Pleated Air Filter	29.13	9.81
23 42 13 00-0014	EA	16" x 25" x 1" Thick Carbon Impregnated Pleated Air Filter	31.04	9.81
23 42 13 00-0015	EA	20" x 20" x 1" Thick Carbon Impregnated Pleated Air Filter	31.11	9.81
23 42 13 00-0016	EA	20" x 25" x 1" Thick Carbon Impregnated Pleated Air Filter	33.60	9.81
23 42 13 00-0017	EA	24" x 24" x 1" Thick Carbon Impregnated Pleated Air Filter	35.82	9.81
23 42 13 00-0018	EA	16" x 20" x 2" Thick Carbon Impregnated Pleated Air Filter	33.71	11.12
23 42 13 00-0019	EA	16" x 25" x 2" Thick Carbon Impregnated Pleated Air Filter	37.03	11.12
23 42 13 00-0020	EA	20" x 20" x 2" Thick Carbon Impregnated Pleated Air Filter	37.74	11.12
23 42 13 00-0021	EA	20" x 25" x 2" Thick Carbon Impregnated Pleated Air Filter	41.85	11.12
23 42 13 00-0022	EA	24" x 24" x 2" Thick Carbon Impregnated Pleated Air Filter	44.47	11.12
23 42 13 00-0023	EA	24" x 24" x 4" Thick Carbon Impregnated Pleated Air Filter	72.87	11.77

23 43 Electronic Air Cleaners *(23 40)*

23 43 23 Self-Contained Electronic Air Cleaners *(23 43)*

23 43 23 00-0001 Stationary Floor, Room Air Purifier *(23 43 23)*

23 43 23 00-0002	EA	Stationary Floor Room Air Purifier, Up to 390 SF (Blueair Pro M)	1,166.87
23 43 23 00-0003	EA	Stationary Floor Room Air Purifier, Up to 780 SF (Blueair Pro L)	1,623.33
23 43 23 00-0004	EA	Stationary Floor Room Air Purifier, Up to 1,180 SF (Blueair Pro XL)	4,101.23
23 43 23 00-0005	EA	Stationary Floor Room Air Purifier, Up to 550 SF (Delos Compact)	920.73
23 43 23 00-0006	EA	Stationary Floor Room Air Purifier, Up to 1,125 SF (Delos 468 Ultrafine)	1,654.32
23 43 23 00-0007	EA	Stationary Floor Room Air Purifier, Up to 3,500 SF (Delos 980P Commercial)	6,544.92

23 43 23 00-0008 Surface Mounted, Room Air Purifier *(23 43 23)*

23 43 23 00-0009	EA	Ceiling Mount Media Air Cleaner With 99.97% HEPA Filters (Honeywell F114A1067)	2,996.79
23 43 23 00-0010	EA	Ceiling Mount Media Air Cleaner With 99.97% HEPA Filters (Honeywell F115A1064)	4,176.16
23 43 23 00-0011	EA	Ceiling Mount Media Air Cleaner With 99.97% HEPA Filters (Honeywell F111A1063W-3S)	4,776.97

23 43 23 00-0012 Suspension Ceiling Mounted, Room Air Purifier *(23 43 23)*

23 43 23 00-0013	EA	2' x 4' Suspension Ceiling Mounted, Air Purification System (Armstrong VidaShield UV24)	3,873.13

23 43 23 00-0014 Wall Mounted, Room Air Purifier *(23 43 23)*

23 43 23 00-0015	EA	Air Purifier, Wall Mount, Bipolar Ionizer (Bi-Polar 2400)	974.87

23 50 Central Heating Equipment *(23)*

Note: Where required, mechanical equipment excludes electrical connection, disconnect, or starter unless title states otherwise. See CSI section 26 05 19 16-0011 for electrical connection and termination, 26 05 83 00-0110 for terminations, 26 28 16 16-0001 for disconnect.

23 51 Breechings, Chimneys, and Stacks *(23 50)*

23 51 13 Draft Control Devices *(23 51)*

23 51 13 13 Draft-Induction Fans *(23 51 13)*

23 51 13 13-0001 Vertical Discharge Fans *(23 51 13 13)*

Note: Includes chimney adapter. Excludes wiring.

23 51 13 13-0002 Axial Vane Vertical Discharge Fans *(23 51 13 13-0001)*

23 51 13 13-0003	EA	450 CFM Vertical Discharge Chimney Fan, Axial Vane	3,937.20	265.03
23 51 13 13-0004	EA	950 CFM Vertical Discharge Chimney Fan, Axial Vane	4,466.36	289.12
23 51 13 13-0005	EA	1,400 CFM Vertical Discharge Chimney Fan, Axial Vane	5,368.28	319.24
23 51 13 13-0006	EA	1,800 CFM Vertical Discharge Chimney Fan, Axial Vane	7,027.42	370.44

23 51 13 13-0007 Centrifugal Impeller Vertical Discharge Fans *(23 51 13 13-0001)*

23 51 13 13-0008	EA	700 CFM Vertical Discharge Chimney Fan, Centrifugal Impeller	4,740.35	289.12
23 51 13 13-0009	EA	1,100 CFM Vertical Discharge Chimney Fan, Centrifugal Impeller	5,789.28	319.24
23 51 13 13-0010	EA	2,300 CFM Vertical Discharge Chimney Fan, Centrifugal Impeller	7,527.85	373.45
23 51 13 13-0011	EA	3,000 CFM Vertical Discharge Chimney Fan, Centrifugal Impeller	8,920.91	418.62

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 13 13-0012		Accessories For Vertical Discharge Fans *(23 51 13 13-0001)*		
23 51 13 13-0013	EA	Modulating Fan Controller And Sensor	541.45	90.35
23 51 13 16		**Vent Dampers** *(23 51 13)*		
23 51 13 16-0001		Flue Shutter Draft Control Damper, Parallel Blade *(23 51 13 16)*		
23 51 13 16-0002	EA	3" Round Flue Shutter Draft Control Damper	1,087.59	53.49
23 51 13 16-0003	EA	4" Round Flue Shutter Draft Control Damper	1,193.55	56.74
23 51 13 16-0004	EA	5" Round Flue Shutter Draft Control Damper	1,319.02	60.23
23 51 13 16-0005	EA	6" Round Flue Shutter Draft Control Damper	1,409.28	64.23
23 51 13 16-0006	EA	7" Round Flue Shutter Draft Control Damper	1,539.37	68.81
23 51 13 16-0007	EA	8" Round Flue Shutter Draft Control Damper	1,634.75	74.08
23 51 13 16-0008	EA	10" Round Flue Shutter Draft Control Damper	1,808.26	80.33
23 51 13 16-0009	EA	12" Round Flue Shutter Draft Control Damper	1,985.93	87.60
23 51 13 16-0010	EA	14" Round Flue Shutter Draft Control Damper	2,226.47	91.85
23 51 13 16-0011	EA	16" Round Flue Shutter Draft Control Damper	2,393.09	96.37
23 51 13 16-0012	EA	18" Round Flue Shutter Draft Control Damper	2,616.81	101.20
23 51 13 16-0013	EA	20" Round Flue Shutter Draft Control Damper	3,075.76	160.22
23 51 13 16-0014	EA	22" Round Flue Shutter Draft Control Damper	3,375.83	170.16
23 51 13 16-0015	EA	24" Round Flue Shutter Draft Control Damper	3,659.92	180.71
23 51 13 16-0016	EA	26" Round Flue Shutter Draft Control Damper	3,720.80	186.73
23 51 13 16-0017	EA	28" Round Flue Shutter Draft Control Damper	3,837.92	192.75
23 51 13 16-0018	EA	30" Round Flue Shutter Draft Control Damper	3,941.93	204.80
23 51 13 16-0019	EA	32" Round Flue Shutter Draft Control Damper	4,114.99	210.68
23 51 13 16-0020	EA	34" Round Flue Shutter Draft Control Damper	4,292.77	222.73
23 51 13 16-0021	EA	36" Round Flue Shutter Draft Control Damper	4,495.43	240.94
23 51 13 16-0022	EA	38" Round Flue Shutter Draft Control Damper	4,724.75	249.21
23 51 13 16-0023	EA	40" Round Flue Shutter Draft Control Damper	4,937.99	252.98
23 51 13 16-0024	EA	42" Round Flue Shutter Draft Control Damper	5,180.71	265.03
23 51 13 16-0025	EA	44" Round Flue Shutter Draft Control Damper	5,424.85	277.08
23 51 13 16-0026	EA	46" Round Flue Shutter Draft Control Damper	5,669.70	289.12
23 51 13 16-0027	EA	48" Round Flue Shutter Draft Control Damper	5,913.48	301.17
23 51 13 19		**Barometric Dampers** *(23 51 13)*		
23 51 13 19-0001		Barometric Dampers *(23 51 13 19)*		
23 51 13 19-0002	EA	6" x 6" Barometric Damper	506.71	10.45
23 51 13 19-0003	EA	12" x 12" Barometric Damper	733.30	14.36
23 51 13 19-0004	EA	18" x 18" Barometric Damper	981.81	22.20
23 51 13 19-0005	EA	24" x 24" Barometric Damper	1,170.71	41.79
23 51 13 19-0006	EA	6" Diameter Barometric Damper	247.44	10.45
		For Stainless Steel, Add	*268.98*	
23 51 13 19-0007	EA	7" Diameter Barometric Damper	292.83	11.75
		For Stainless Steel, Add	*319.57*	
23 51 13 19-0008	EA	8" Diameter Barometric Damper	339.74	13.06
		For Stainless Steel, Add	*370.60*	
23 51 13 19-0009	EA	9" Diameter Barometric Damper	418.58	13.06
		For Stainless Steel, Add	*469.47*	
23 51 13 19-0010	EA	10" Diameter Barometric Damper	552.26	15.67
		For Stainless Steel, Add	*639.60*	
23 51 13 19-0011	EA	12" Diameter Barometric Damper	701.70	16.98
		For Stainless Steel, Add	*824.90*	
23 51 13 19-0012	EA	14" Diameter Barometric Damper	882.72	18.28
		For Stainless Steel, Add	*1,052.05*	
23 51 13 19-0013	EA	15" Diameter Barometric Damper	1,053.72	19.58
		For Stainless Steel, Add	*1,264.48*	
23 51 13 19-0014	EA	16" Diameter Barometric Damper	1,222.78	22.20
		For Stainless Steel, Add	*1,476.45*	
23 51 13 19-0015	EA	18" Diameter Barometric Damper	1,611.39	23.51
		For Stainless Steel, Add	*1,972.58*	
23 51 13 19-0016	EA	20" Diameter Barometric Damper	1,918.44	26.12
		For Stainless Steel, Add	*2,361.13*	
23 51 13 19-0017	EA	24" Diameter Barometric Damper	2,313.93	26.12
		For Stainless Steel, Add	*2,869.22*	
23 51 13 19-0018	EA	30" Diameter Barometric Damper	2,853.40	30.03
		For Stainless Steel, Add	*3,556.63*	
23 51 13 19-0019	EA	36" Diameter Barometric Damper	3,641.25	31.34
		For Stainless Steel, Add	*4,572.82*	
23 51 16		**Fabricated Breechings and Accessories** *(23 51)*		
23 51 16 00-0001		Round Galvanized Double Wall Flue/Vent Pipe And Fittings *(23 51 16)*		
23 51 16 00-0002		Round Galvanized Double Wall Flue/Vent Pipe *(23 51 16 00-0001)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0003	LF	3" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.012" (inner wall) and 0.018" (outer wall) material thickness	34.07	10.72
		For Aluminum Liner, Add	*0.40*	
		For 304 Stainless Steel Liner, Add	*0.55*	
		For 2" Wall Instead Of 1", Add	*4.87*	
		For 3" To 4" Wall Instead Of 1", Add	*8.65*	
23 51 16 00-0004	LF	4" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.012" (inner wall) and 0.018" (outer wall) material thickness	36.61	11.33
		For Aluminum Liner, Add	*0.49*	
		For 304 Stainless Steel Liner, Add	*0.67*	
		For 2" Wall Instead Of 1", Add	*5.46*	
		For 3" To 4" Wall Instead Of 1", Add	*9.57*	
23 51 16 00-0005	LF	5" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.012" (inner wall) and 0.018" (outer wall) material thickness	40.45	12.05
		For Aluminum Liner, Add	*0.59*	
		For 304 Stainless Steel Liner, Add	*0.80*	
		For 2" Wall Instead Of 1", Add	*6.18*	
		For 3" To 4" Wall Instead Of 1", Add	*10.75*	
23 51 16 00-0006	LF	6" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.012" (inner wall) and 0.018" (outer wall) material thickness	44.13	12.89
		For Aluminum Liner, Add	*0.68*	
		For 304 Stainless Steel Liner, Add	*0.93*	
		For 2" Wall Instead Of 1", Add	*6.89*	
		For 3" To 4" Wall Instead Of 1", Add	*11.92*	
23 51 16 00-0007	LF	7" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness	51.91	13.73
		For Aluminum Liner, Add	*1.00*	
		For 304 Stainless Steel Liner, Add	*1.37*	
		For 2" Wall Instead Of 1", Add	*8.84*	
		For 3" To 4" Wall Instead Of 1", Add	*14.94*	
23 51 16 00-0008	LF	8" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness	57.69	14.82
		For Aluminum Liner, Add	*1.12*	
		For 304 Stainless Steel Liner, Add	*1.52*	
		For 2" Wall Instead Of 1", Add	*9.83*	
		For 3" To 4" Wall Instead Of 1", Add	*16.61*	
23 51 16 00-0009	LF	10" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness	83.30	15.91
		For Aluminum Liner, Add	*2.36*	
		For 304 Stainless Steel Liner, Add	*3.21*	
		For 2" Wall Instead Of 1", Add	*16.90*	
		For 3" To 4" Wall Instead Of 1", Add	*27.38*	
23 51 16 00-0010	LF	12" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness	101.35	17.59
		For Aluminum Liner, Add	*3.16*	
		For 304 Stainless Steel Liner, Add	*4.31*	
		For 2" Wall Instead Of 1", Add	*21.64*	
		For 3" To 4" Wall Instead Of 1", Add	*34.65*	
23 51 16 00-0011	LF	14" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness	142.46	18.31
		For Aluminum Liner, Add	*5.31*	
		For 304 Stainless Steel Liner, Add	*7.24*	
		For 2" Wall Instead Of 1", Add	*33.56*	
		For 3" To 4" Wall Instead Of 1", Add	*52.63*	
23 51 16 00-0012	LF	16" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness	178.16	19.28
		For Aluminum Liner, Add	*7.16*	
		For 304 Stainless Steel Liner, Add	*9.76*	
		For 2" Wall Instead Of 1", Add	*43.85*	
		For 3" To 4" Wall Instead Of 1", Add	*68.18*	
23 51 16 00-0013	LF	18" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness	219.29	20.24
		For Aluminum Liner, Add	*9.25*	
		For 304 Stainless Steel Liner, Add	*12.61*	
		For 2" Wall Instead Of 1", Add	*55.56*	
		For 3" To 4" Wall Instead Of 1", Add	*85.90*	
23 51 16 00-0014	LF	20" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.022" (inner wall) and 0.018" (outer wall) material thickness	278.99	32.16
		For Aluminum Liner, Add	*10.98*	
		For 304 Stainless Steel Liner, Add	*14.97*	
		For 2" Wall Instead Of 1", Add	*67.83*	
		For 3" To 4" Wall Instead Of 1", Add	*105.71*	
23 51 16 00-0015	LF	22" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.022" (inner wall) and 0.018" (outer wall) material thickness	337.44	33.98
		For Aluminum Liner, Add	*13.84*	
		For 304 Stainless Steel Liner, Add	*18.88*	
		For 2" Wall Instead Of 1", Add	*84.09*	
		For 3" To 4" Wall Instead Of 1", Add	*130.42*	
23 51 16 00-0016	LF	24" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.022" (inner wall) and 0.018" (outer wall) material thickness	401.37	36.14
		For Aluminum Liner, Add	*17.07*	
		For 304 Stainless Steel Liner, Add	*23.27*	
		For 2" Wall Instead Of 1", Add	*102.20*	
		For 3" To 4" Wall Instead Of 1", Add	*157.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0017		**90 Degree Elbows** *(23 51 16 00-0001)*		
23 51 16 00-0018	EA	3" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	86.72	21.44
		For Aluminum Liner, Add	*1.85*	
		For 304 Stainless Steel Liner, Add	*2.52*	
		For 2" Wall Instead Of 1", Add	*15.39*	
		For 3" To 4" Wall Instead Of 1", Add	*25.75*	
23 51 16 00-0019	EA	4" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	96.17	22.65
		For Aluminum Liner, Add	*2.18*	
		For 304 Stainless Steel Liner, Add	*2.98*	
		For 2" Wall Instead Of 1", Add	*17.55*	
		For 3" To 4" Wall Instead Of 1", Add	*29.15*	
23 51 16 00-0020	EA	5" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	107.34	24.09
		For Aluminum Liner, Add	*2.61*	
		For 304 Stainless Steel Liner, Add	*3.55*	
		For 2" Wall Instead Of 1", Add	*20.21*	
		For 3" To 4" Wall Instead Of 1", Add	*33.31*	
23 51 16 00-0021	EA	6" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	118.79	25.66
		For Aluminum Liner, Add	*3.03*	
		For 304 Stainless Steel Liner, Add	*4.13*	
		For 2" Wall Instead Of 1", Add	*22.89*	
		For 3" To 4" Wall Instead Of 1", Add	*37.52*	
23 51 16 00-0022	EA	7" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	141.92	27.46
		For Aluminum Liner, Add	*4.05*	
		For 304 Stainless Steel Liner, Add	*5.52*	
		For 2" Wall Instead Of 1", Add	*28.92*	
		For 3" To 4" Wall Instead Of 1", Add	*46.79*	
23 51 16 00-0023	EA	8" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	166.30	29.64
		For Aluminum Liner, Add	*5.07*	
		For 304 Stainless Steel Liner, Add	*6.92*	
		For 2" Wall Instead Of 1", Add	*35.07*	
		For 3" To 4" Wall Instead Of 1", Add	*56.32*	
23 51 16 00-0024	EA	10" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	292.66	32.16
		For Aluminum Liner, Add	*11.67*	
		For 304 Stainless Steel Liner, Add	*15.91*	
		For 2" Wall Instead Of 1", Add	*71.69*	
		For 3" To 4" Wall Instead Of 1", Add	*111.56*	
23 51 16 00-0025	EA	12" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	355.01	35.05
		For Aluminum Liner, Add	*14.71*	
		For 304 Stainless Steel Liner, Add	*20.06*	
		For 2" Wall Instead Of 1", Add	*88.99*	
		For 3" To 4" Wall Instead Of 1", Add	*137.86*	
23 51 16 00-0026	EA	14" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	461.59	36.75
		For Aluminum Liner, Add	*20.34*	
		For 304 Stainless Steel Liner, Add	*27.74*	
		For 2" Wall Instead Of 1", Add	*120.12*	
		For 3" To 4" Wall Instead Of 1", Add	*184.77*	
23 51 16 00-0027	EA	16" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	568.36	38.55
		For Aluminum Liner, Add	*25.97*	
		For 304 Stainless Steel Liner, Add	*35.41*	
		For 2" Wall Instead Of 1", Add	*151.27*	
		For 3" To 4" Wall Instead Of 1", Add	*231.71*	
23 51 16 00-0028	EA	18" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	736.01	40.60
		For Aluminum Liner, Add	*34.90*	
		For 304 Stainless Steel Liner, Add	*47.59*	
		For 2" Wall Instead Of 1", Add	*200.50*	
		For 3" To 4" Wall Instead Of 1", Add	*305.82*	
23 51 16 00-0029	EA	20" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	1,036.80	64.21
		For Aluminum Liner, Add	*48.18*	
		For 304 Stainless Steel Liner, Add	*65.71*	
		For 2" Wall Instead Of 1", Add	*278.90*	
		For 3" To 4" Wall Instead Of 1", Add	*426.38*	
23 51 16 00-0030	EA	22" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	1,369.02	68.06
		For Aluminum Liner, Add	*65.94*	
		For 304 Stainless Steel Liner, Add	*89.91*	
		For 2" Wall Instead Of 1", Add	*376.67*	
		For 3" To 4" Wall Instead Of 1", Add	*573.52*	
23 51 16 00-0031	EA	24" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	1,545.73	72.28
		For Aluminum Liner, Add	*75.07*	
		For 304 Stainless Steel Liner, Add	*102.36*	
		For 2" Wall Instead Of 1", Add	*427.54*	
		For 3" To 4" Wall Instead Of 1", Add	*650.36*	
23 51 16 00-0032		**45 Degree Elbows** *(23 51 16 00-0001)*		
23 51 16 00-0033	EA	3" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	72.86	21.44
		For Aluminum Liner, Add	*1.07*	
		For 304 Stainless Steel Liner, Add	*1.45*	
		For 2" Wall Instead Of 1", Add	*11.16*	
		For 3" To 4" Wall Instead Of 1", Add	*19.41*	
23 51 16 00-0034	EA	4" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	79.56	22.65
		For Aluminum Liner, Add	*1.26*	
		For 304 Stainless Steel Liner, Add	*1.71*	
		For 2" Wall Instead Of 1", Add	*12.52*	
		For 3" To 4" Wall Instead Of 1", Add	*21.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0035	EA	5" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	87.11	24.09
		For Aluminum Liner, Add	*1.48*	
		For 304 Stainless Steel Liner, Add	*2.01*	
		For 2" Wall Instead Of 1", Add	*14.08*	
		For 3" To 4" Wall Instead Of 1", Add	*24.14*	
23 51 16 00-0036	EA	6" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	96.39	25.66
		For Aluminum Liner, Add	*1.77*	
		For 304 Stainless Steel Liner, Add	*2.41*	
		For 2" Wall Instead Of 1", Add	*16.07*	
		For 3" To 4" Wall Instead Of 1", Add	*27.32*	
23 51 16 00-0037	EA	7" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	114.92	27.46
		For Aluminum Liner, Add	*2.54*	
		For 304 Stainless Steel Liner, Add	*3.46*	
		For 2" Wall Instead Of 1", Add	*20.71*	
		For 3" To 4" Wall Instead Of 1", Add	*34.51*	
23 51 16 00-0038	EA	8" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	127.11	29.64
		For Aluminum Liner, Add	*2.92*	
		For 304 Stainless Steel Liner, Add	*3.98*	
		For 2" Wall Instead Of 1", Add	*23.32*	
		For 3" To 4" Wall Instead Of 1", Add	*38.68*	
23 51 16 00-0039	EA	10" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	212.91	32.16
		For Aluminum Liner, Add	*7.29*	
		For 304 Stainless Steel Liner, Add	*9.94*	
		For 2" Wall Instead Of 1", Add	*47.81*	
		For 3" To 4" Wall Instead Of 1", Add	*75.72*	
23 51 16 00-0040	EA	12" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	254.75	35.05
		For Aluminum Liner, Add	*9.19*	
		For 304 Stainless Steel Liner, Add	*12.54*	
		For 2" Wall Instead Of 1", Add	*58.91*	
		For 3" To 4" Wall Instead Of 1", Add	*92.74*	
23 51 16 00-0041	EA	14" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	326.98	36.75
		For Aluminum Liner, Add	*12.93*	
		For 304 Stainless Steel Liner, Add	*17.64*	
		For 2" Wall Instead Of 1", Add	*79.73*	
		For 3" To 4" Wall Instead Of 1", Add	*124.19*	
23 51 16 00-0042	EA	16" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	391.44	38.55
		For Aluminum Liner, Add	*16.23*	
		For 304 Stainless Steel Liner, Add	*22.13*	
		For 2" Wall Instead Of 1", Add	*98.16*	
		For 3" To 4" Wall Instead Of 1", Add	*152.06*	
23 51 16 00-0043	EA	18" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	497.99	40.60
		For Aluminum Liner, Add	*21.81*	
		For 304 Stainless Steel Liner, Add	*29.74*	
		For 2" Wall Instead Of 1", Add	*129.11*	
		For 3" To 4" Wall Instead Of 1", Add	*198.74*	
23 51 16 00-0044	EA	20" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	607.47	64.09
		For Aluminum Liner, Add	*24.60*	
		For 304 Stainless Steel Liner, Add	*33.55*	
		For 2" Wall Instead Of 1", Add	*150.20*	
		For 3" To 4" Wall Instead Of 1", Add	*233.31*	
23 51 16 00-0045	EA	22" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	843.36	68.06
		For Aluminum Liner, Add	*37.03*	
		For 304 Stainless Steel Liner, Add	*50.49*	
		For 2" Wall Instead Of 1", Add	*218.98*	
		For 3" To 4" Wall Instead Of 1", Add	*336.97*	
23 51 16 00-0046	EA	24" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	1,033.61	72.28
		For Aluminum Liner, Add	*46.92*	
		For 304 Stainless Steel Liner, Add	*63.98*	
		For 2" Wall Instead Of 1", Add	*273.97*	
		For 3" To 4" Wall Instead Of 1", Add	*419.98*	

23 51 16 00-0047 Tees *(23 51 16 00-0001)*

23 51 16 00-0048	EA	3" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	118.75	28.55
		For Aluminum Liner, Add	*2.60*	
		For 304 Stainless Steel Liner, Add	*3.54*	
		For 2" Wall Instead Of 1", Add	*21.33*	
		For 3" To 4" Wall Instead Of 1", Add	*35.57*	
23 51 16 00-0049	EA	4" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	123.65	29.64
		For Aluminum Liner, Add	*2.73*	
		For 304 Stainless Steel Liner, Add	*3.72*	
		For 2" Wall Instead Of 1", Add	*22.28*	
		For 3" To 4" Wall Instead Of 1", Add	*37.12*	
23 51 16 00-0050	EA	5" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	128.97	30.84
		For Aluminum Liner, Add	*2.85*	
		For 304 Stainless Steel Liner, Add	*3.89*	
		For 2" Wall Instead Of 1", Add	*23.27*	
		For 3" To 4" Wall Instead Of 1", Add	*38.76*	
23 51 16 00-0051	EA	6" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	138.00	32.16
		For Aluminum Liner, Add	*3.17*	
		For 304 Stainless Steel Liner, Add	*4.32*	
		For 2" Wall Instead Of 1", Add	*25.33*	
		For 3" To 4" Wall Instead Of 1", Add	*42.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0052	EA	7" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	163.38	33.49
		For Aluminum Liner, Add	*4.37*	
		For 304 Stainless Steel Liner, Add	*5.97*	
		For 2" Wall Instead Of 1", Add	*32.25*	
		For 3" To 4" Wall Instead Of 1", Add	*52.56*	
23 51 16 00-0053	EA	8" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	175.18	35.05
		For Aluminum Liner, Add	*4.82*	
		For 304 Stainless Steel Liner, Add	*6.57*	
		For 2" Wall Instead Of 1", Add	*35.04*	
		For 3" To 4" Wall Instead Of 1", Add	*56.94*	
23 51 16 00-0054	EA	10" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	329.26	36.75
		For Aluminum Liner, Add	*13.06*	
		For 304 Stainless Steel Liner, Add	*17.81*	
		For 2" Wall Instead Of 1", Add	*80.42*	
		For 3" To 4" Wall Instead Of 1", Add	*125.22*	
23 51 16 00-0055	EA	12" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	382.22	38.55
		For Aluminum Liner, Add	*15.72*	
		For 304 Stainless Steel Liner, Add	*21.44*	
		For 2" Wall Instead Of 1", Add	*95.40*	
		For 3" To 4" Wall Instead Of 1", Add	*147.91*	
23 51 16 00-0056	EA	14" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	572.77	42.89
		For Aluminum Liner, Add	*25.61*	
		For 304 Stainless Steel Liner, Add	*34.93*	
		For 2" Wall Instead Of 1", Add	*150.42*	
		For 3" To 4" Wall Instead Of 1", Add	*230.98*	
23 51 16 00-0057	EA	16" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	779.79	48.19
		For Aluminum Liner, Add	*36.27*	
		For 304 Stainless Steel Liner, Add	*49.45*	
		For 2" Wall Instead Of 1", Add	*209.85*	
		For 3" To 4" Wall Instead Of 1", Add	*320.80*	
23 51 16 00-0058	EA	18" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	967.63	55.06
		For Aluminum Liner, Add	*45.65*	
		For 304 Stainless Steel Liner, Add	*62.25*	
		For 2" Wall Instead Of 1", Add	*262.76*	
		For 3" To 4" Wall Instead Of 1", Add	*401.02*	
23 51 16 00-0059	EA	20" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	1,288.13	68.06
		For Aluminum Liner, Add	*61.50*	
		For 304 Stainless Steel Liner, Add	*83.86*	
		For 2" Wall Instead Of 1", Add	*352.45*	
		For 3" To 4" Wall Instead Of 1", Add	*537.17*	
23 51 16 00-0060	EA	22" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	1,617.09	88.90
		For Aluminum Liner, Add	*76.72*	
		For 304 Stainless Steel Liner, Add	*104.61*	
		For 2" Wall Instead Of 1", Add	*440.68*	
		For 3" To 4" Wall Instead Of 1", Add	*672.13*	
23 51 16 00-0061	EA	24" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	1,860.29	93.97
		For Aluminum Liner, Add	*89.40*	
		For 304 Stainless Steel Liner, Add	*121.90*	
		For 2" Wall Instead Of 1", Add	*511.10*	
		For 3" To 4" Wall Instead Of 1", Add	*778.40*	

23 51 16 00-0062 Vent Top Caps *(23 51 16 00-0001)*

23 51 16 00-0063	EA	3" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	59.77	16.74
		For Aluminum Liner, Add	*0.98*	
		For 304 Stainless Steel Liner, Add	*1.34*	
		For 2" Wall Instead Of 1", Add	*9.55*	
		For 3" To 4" Wall Instead Of 1", Add	*16.42*	
23 51 16 00-0064	EA	4" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	62.63	17.59
		For Aluminum Liner, Add	*1.03*	
		For 304 Stainless Steel Liner, Add	*1.41*	
		For 2" Wall Instead Of 1", Add	*10.02*	
		For 3" To 4" Wall Instead Of 1", Add	*17.22*	
23 51 16 00-0065	EA	6" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	80.81	19.28
		For Aluminum Liner, Add	*1.79*	
		For 304 Stainless Steel Liner, Add	*2.45*	
		For 2" Wall Instead Of 1", Add	*14.61*	
		For 3" To 4" Wall Instead Of 1", Add	*24.32*	
23 51 16 00-0066	EA	8" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	86.11	21.44
		For Aluminum Liner, Add	*1.79*	
		For 304 Stainless Steel Liner, Add	*2.45*	
		For 2" Wall Instead Of 1", Add	*15.14*	
		For 3" To 4" Wall Instead Of 1", Add	*25.38*	
23 51 16 00-0067	EA	10" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	104.69	22.65
		For Aluminum Liner, Add	*2.64*	
		For 304 Stainless Steel Liner, Add	*3.61*	
		For 2" Wall Instead Of 1", Add	*20.08*	
		For 3" To 4" Wall Instead Of 1", Add	*32.96*	
23 51 16 00-0068	EA	12" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	123.63	24.09
		For Aluminum Liner, Add	*3.49*	
		For 304 Stainless Steel Liner, Add	*4.76*	
		For 2" Wall Instead Of 1", Add	*25.04*	
		For 3" To 4" Wall Instead Of 1", Add	*40.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0069	EA	16" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	291.27	27.46
		For Aluminum Liner, Add	*12.24*	
		For 304 Stainless Steel Liner, Add	*16.69*	
		For 2" Wall Instead Of 1", Add	*73.62*	
		For 3" To 4" Wall Instead Of 1", Add	*113.87*	
23 51 16 00-0070	EA	18" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	542.51	34.45
		For Aluminum Liner, Add	*25.11*	
		For 304 Stainless Steel Liner, Add	*34.24*	
		For 2" Wall Instead Of 1", Add	*145.55*	
		For 3" To 4" Wall Instead Of 1", Add	*222.62*	
23 51 16 00-0071	EA	20" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	1,002.39	41.32
		For Aluminum Liner, Add	*49.45*	
		For 304 Stainless Steel Liner, Add	*67.44*	
		For 2" Wall Instead Of 1", Add	*280.07*	
		For 3" To 4" Wall Instead Of 1", Add	*425.26*	
23 51 16 00-0072	EA	24" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	1,666.21	57.83
		For Aluminum Liner, Add	*83.69*	
		For 304 Stainless Steel Liner, Add	*114.12*	
		For 2" Wall Instead Of 1", Add	*470.95*	
		For 3" To 4" Wall Instead Of 1", Add	*713.65*	
23 51 16 00-0073		**Wall Thimbles** *(23 51 16 00-0001)*		
23 51 16 00-0074	EA	3" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	24.57	9.03
		For Aluminum Liner, Add	*0.11*	
		For 304 Stainless Steel Liner, Add	*0.15*	
		For 2" Wall Instead Of 1", Add	*2.87*	
		For 3" To 4" Wall Instead Of 1", Add	*5.43*	
23 51 16 00-0075	EA	4" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	31.13	11.57
		For Aluminum Liner, Add	*0.12*	
		For 304 Stainless Steel Liner, Add	*0.16*	
		For 2" Wall Instead Of 1", Add	*3.54*	
		For 3" To 4" Wall Instead Of 1", Add	*6.75*	
23 51 16 00-0076	EA	5" Or 6" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	41.44	15.54
		For Aluminum Liner, Add	*0.14*	
		For 304 Stainless Steel Liner, Add	*0.19*	
		For 2" Wall Instead Of 1", Add	*4.66*	
		For 3" To 4" Wall Instead Of 1", Add	*8.93*	
23 51 16 00-0077	EA	7" Or 8" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	51.86	19.28
		For Aluminum Liner, Add	*0.20*	
		For 304 Stainless Steel Liner, Add	*0.28*	
		For 2" Wall Instead Of 1", Add	*5.92*	
		For 3" To 4" Wall Instead Of 1", Add	*11.29*	
23 51 16 00-0078	EA	10" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	74.49	26.02
		For Aluminum Liner, Add	*0.52*	
		For 304 Stainless Steel Liner, Add	*0.71*	
		For 2" Wall Instead Of 1", Add	*9.34*	
		For 3" To 4" Wall Instead Of 1", Add	*17.26*	
23 51 16 00-0079	EA	12" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	94.09	32.29
		For Aluminum Liner, Add	*0.74*	
		For 304 Stainless Steel Liner, Add	*1.00*	
		For 2" Wall Instead Of 1", Add	*12.08*	
		For 3" To 4" Wall Instead Of 1", Add	*22.16*	
23 51 16 00-0080	EA	14" Or 16" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	119.04	38.55
		For Aluminum Liner, Add	*1.25*	
		For 304 Stainless Steel Liner, Add	*1.70*	
		For 2" Wall Instead Of 1", Add	*16.44*	
		For 3" To 4" Wall Instead Of 1", Add	*29.48*	
23 51 16 00-0081	EA	18" Or 20" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	155.01	45.78
		For Aluminum Liner, Add	*2.23*	
		For 304 Stainless Steel Liner, Add	*3.04*	
		For 2" Wall Instead Of 1", Add	*23.62*	
		For 3" To 4" Wall Instead Of 1", Add	*41.14*	
23 51 16 00-0082	EA	22" Or 24" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	208.04	50.60
		For Aluminum Liner, Add	*4.49*	
		For 304 Stainless Steel Liner, Add	*6.12*	
		For 2" Wall Instead Of 1", Add	*37.12*	
		For 3" To 4" Wall Instead Of 1", Add	*62.00*	
23 51 16 00-0083		**Adjustable Roof Flashing** *(23 51 16 00-0001)*		
23 51 16 00-0084	EA	3" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	66.76	21.44
		For Aluminum Liner, Add	*0.73*	
		For 304 Stainless Steel Liner, Add	*0.99*	
		For 2" Wall Instead Of 1", Add	*9.33*	
		For 3" To 4" Wall Instead Of 1", Add	*16.67*	
23 51 16 00-0085	EA	4" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	73.79	22.65
		For Aluminum Liner, Add	*0.94*	
		For 304 Stainless Steel Liner, Add	*1.28*	
		For 2" Wall Instead Of 1", Add	*10.79*	
		For 3" To 4" Wall Instead Of 1", Add	*19.02*	
23 51 16 00-0086	EA	6" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	92.79	25.66
		For Aluminum Liner, Add	*1.57*	
		For 304 Stainless Steel Liner, Add	*2.14*	
		For 2" Wall Instead Of 1", Add	*15.00*	
		For 3" To 4" Wall Instead Of 1", Add	*25.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0087	EA	8" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	113.16	29.64
		For Aluminum Liner, Add	*2.15*	
		For 304 Stainless Steel Liner, Add	*2.93*	
		For 2" Wall Instead Of 1", Add	*19.13*	
		For 3" To 4" Wall Instead Of 1", Add	*32.40*	
23 51 16 00-0088	EA	10" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	187.57	32.16
		For Aluminum Liner, Add	*5.90*	
		For 304 Stainless Steel Liner, Add	*8.04*	
		For 2" Wall Instead Of 1", Add	*40.20*	
		For 3" To 4" Wall Instead Of 1", Add	*64.32*	
23 51 16 00-0089	EA	12" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	223.59	35.05
		For Aluminum Liner, Add	*7.48*	
		For 304 Stainless Steel Liner, Add	*10.20*	
		For 2" Wall Instead Of 1", Add	*49.56*	
		For 3" To 4" Wall Instead Of 1", Add	*78.72*	
23 51 16 00-0090	EA	14" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	263.52	38.55
		For Aluminum Liner, Add	*9.19*	
		For 304 Stainless Steel Liner, Add	*12.54*	
		For 2" Wall Instead Of 1", Add	*59.78*	
		For 3" To 4" Wall Instead Of 1", Add	*94.49*	
23 51 16 00-0091	EA	16" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	314.71	42.89
		For Aluminum Liner, Add	*11.41*	
		For 304 Stainless Steel Liner, Add	*15.56*	
		For 2" Wall Instead Of 1", Add	*72.97*	
		For 3" To 4" Wall Instead Of 1", Add	*114.81*	
23 51 16 00-0092	EA	18" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	477.86	48.19
		For Aluminum Liner, Add	*19.65*	
		For 304 Stainless Steel Liner, Add	*26.80*	
		For 2" Wall Instead Of 1", Add	*119.26*	
		For 3" To 4" Wall Instead Of 1", Add	*184.91*	
23 51 16 00-0093	EA	20" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	524.89	64.21
		For Aluminum Liner, Add	*20.03*	
		For 304 Stainless Steel Liner, Add	*27.32*	
		For 2" Wall Instead Of 1", Add	*125.34*	
		For 3" To 4" Wall Instead Of 1", Add	*196.05*	
23 51 16 00-0094	EA	22" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	667.66	82.64
		For Aluminum Liner, Add	*25.36*	
		For 304 Stainless Steel Liner, Add	*34.58*	
		For 2" Wall Instead Of 1", Add	*158.99*	
		For 3" To 4" Wall Instead Of 1", Add	*248.81*	
23 51 16 00-0095	EA	24" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	794.26	96.37
		For Aluminum Liner, Add	*30.43*	
		For 304 Stainless Steel Liner, Add	*41.50*	
		For 2" Wall Instead Of 1", Add	*190.09*	
		For 3" To 4" Wall Instead Of 1", Add	*297.18*	

23 51 16 00-0096 Galvanized Storm Collars *(23 51 16 00-0001)*

23 51 16 00-0097	EA	3" Round Galvanized Storm Collar, Double Wall	26.35	9.03
		For Aluminum Liner, Add	*0.21*	
		For 304 Stainless Steel Liner, Add	*0.29*	
		For 2" Wall Instead Of 1", Add	*3.40*	
		For 3" To 4" Wall Instead Of 1", Add	*6.23*	
23 51 16 00-0098	EA	4" Round Galvanized Storm Collar, Double Wall	33.30	11.57
		For Aluminum Liner, Add	*0.24*	
		For 304 Stainless Steel Liner, Add	*0.33*	
		For 2" Wall Instead Of 1", Add	*4.21*	
		For 3" To 4" Wall Instead Of 1", Add	*7.76*	
23 51 16 00-0099	EA	5" Round Galvanized Storm Collar, Double Wall	39.20	13.49
		For Aluminum Liner, Add	*0.30*	
		For 304 Stainless Steel Liner, Add	*0.41*	
		For 2" Wall Instead Of 1", Add	*5.01*	
		For 3" To 4" Wall Instead Of 1", Add	*9.21*	
23 51 16 00-0100	EA	6" Round Galvanized Storm Collar, Double Wall	45.12	15.42
		For Aluminum Liner, Add	*0.36*	
		For 304 Stainless Steel Liner, Add	*0.49*	
		For 2" Wall Instead Of 1", Add	*5.82*	
		For 3" To 4" Wall Instead Of 1", Add	*10.66*	
23 51 16 00-0101	EA	7" Or 8" Round Galvanized Storm Collar, Double Wall	56.92	19.28
		For Aluminum Liner, Add	*0.48*	
		For 304 Stainless Steel Liner, Add	*0.65*	
		For 2" Wall Instead Of 1", Add	*7.44*	
		For 3" To 4" Wall Instead Of 1", Add	*13.57*	
23 51 16 00-0102	EA	10" Round Galvanized Storm Collar, Double Wall	78.73	26.02
		For Aluminum Liner, Add	*0.75*	
		For 304 Stainless Steel Liner, Add	*1.03*	
		For 2" Wall Instead Of 1", Add	*10.61*	
		For 3" To 4" Wall Instead Of 1", Add	*19.17*	
23 51 16 00-0103	EA	12" Round Galvanized Storm Collar, Double Wall	97.16	32.29
		For Aluminum Liner, Add	*0.90*	
		For 304 Stainless Steel Liner, Add	*1.23*	
		For 2" Wall Instead Of 1", Add	*13.00*	
		For 3" To 4" Wall Instead Of 1", Add	*23.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0104	EA	14" Or 16" Round Galvanized Storm Collar, Double Wall	124.26	38.55
		For Aluminum Liner, Add	*1.53*	
		For 304 Stainless Steel Liner, Add	*2.09*	
		For 2" Wall Instead Of 1", Add	*18.01*	
		For 3" To 4" Wall Instead Of 1", Add	*31.83*	
23 51 16 00-0105	EA	18" Or 20" Round Galvanized Storm Collar, Double Wall	164.94	45.78
		For Aluminum Liner, Add	*2.78*	
		For 304 Stainless Steel Liner, Add	*3.79*	
		For 2" Wall Instead Of 1", Add	*26.59*	
		For 3" To 4" Wall Instead Of 1", Add	*45.61*	
23 51 16 00-0106	EA	22" Or 24" Round Galvanized Storm Collar, Double Wall	232.89	50.60
		For Aluminum Liner, Add	*5.85*	
		For 304 Stainless Steel Liner, Add	*7.98*	
		For 2" Wall Instead Of 1", Add	*44.57*	
		For 3" To 4" Wall Instead Of 1", Add	*73.18*	

23 51 16 00-0107 Oval Galvanized Double Wall Flue/Vent Pipe And Fittings *(23 51 16)*

23 51 16 00-0108 Oval Galvanized Double Wall Flue/Vent Pipe *(23 51 16 00-0107)*

23 51 16 00-0109	LF	4" Oval Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	44.84	11.33
		For 2" Wall Instead Of 1", Add	*7.79*	
		For 3" To 4" Wall Instead Of 1", Add	*13.10*	
23 51 16 00-0110	LF	5" Oval Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	49.51	12.05
		For 2" Wall Instead Of 1", Add	*8.88*	
		For 3" To 4" Wall Instead Of 1", Add	*14.81*	
23 51 16 00-0111	LF	6" Oval Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	54.91	12.89
		For 2" Wall Instead Of 1", Add	*10.04*	
		For 3" To 4" Wall Instead Of 1", Add	*16.67*	

23 51 16 00-0112 45 Degree Elbows *(23 51 16 00-0107)*

23 51 16 00-0113	EA	4" Standard Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe	98.36	23.49
		For 2" Wall Instead Of 1", Add	*17.76*	
		For 3" To 4" Wall Instead Of 1", Add	*29.57*	
23 51 16 00-0114	EA	5" Standard Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe	114.78	27.46
		For 2" Wall Instead Of 1", Add	*20.70*	
		For 3" To 4" Wall Instead Of 1", Add	*34.48*	
23 51 16 00-0115	EA	6" Standard Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe	136.84	31.08
		For 2" Wall Instead Of 1", Add	*25.51*	
		For 3" To 4" Wall Instead Of 1", Add	*42.15*	
23 51 16 00-0116	EA	4" Flat Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe	100.34	23.49
		For 2" Wall Instead Of 1", Add	*18.35*	
		For 3" To 4" Wall Instead Of 1", Add	*30.46*	
23 51 16 00-0117	EA	5" Flat Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe	119.59	27.46
		For 2" Wall Instead Of 1", Add	*22.14*	
		For 3" To 4" Wall Instead Of 1", Add	*36.65*	
23 51 16 00-0118	EA	6" Flat Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe	139.95	31.08
		For 2" Wall Instead Of 1", Add	*26.44*	
		For 3" To 4" Wall Instead Of 1", Add	*43.55*	

23 51 16 00-0119 Tees *(23 51 16 00-0107)*

23 51 16 00-0120	EA	4" Standard Oval Flue/Vent Pipe Tee, Galvanized Double Wall Breech/Smoke Pipe	164.77	35.66
		For 2" Wall Instead Of 1", Add	*31.58*	
		For 3" To 4" Wall Instead Of 1", Add	*51.84*	
23 51 16 00-0121	EA	4" Short Snout Oval Flue/Vent Tee, Galvanized Double Wall Breech/Smoke Pipe	167.88	35.66
		For 2" Wall Instead Of 1", Add	*32.52*	
		For 3" To 4" Wall Instead Of 1", Add	*53.24*	
23 51 16 00-0122	EA	5" Standard Oval Flue/Vent Pipe Tee, Galvanized Double Wall Breech/Smoke Pipe	192.92	40.96
		For 2" Wall Instead Of 1", Add	*37.40*	
		For 3" To 4" Wall Instead Of 1", Add	*61.21*	
23 51 16 00-0123	EA	6" Oval Flue/Vent Tee With Round Coupling, Galvanized Double Wall Breech/Smoke Pipe	220.82	45.90
		For 2" Wall Instead Of 1", Add	*43.30*	
		For 3" To 4" Wall Instead Of 1", Add	*70.68*	

23 51 16 00-0124 Tops/Caps And Adjustable Flashing *(23 51 16 00-0107)*

23 51 16 00-0125	EA	4" Oval Flue/Vent Pipe Top/Cap, Galvanized Double Wall Breech/Smoke Pipe	63.25	11.57
		For 2" Wall Instead Of 1", Add	*13.17*	
		For 3" To 4" Wall Instead Of 1", Add	*21.21*	
23 51 16 00-0126	EA	6" Oval Flue/Vent Pipe Top/Cap, Galvanized Double Wall Breech/Smoke Pipe	98.97	15.54
		For 2" Wall Instead Of 1", Add	*21.92*	
		For 3" To 4" Wall Instead Of 1", Add	*34.82*	
23 51 16 00-0127	EA	4" Oval Flue/Vent Adjustable Flashing, Galvanized Double Wall Breech/Smoke Pipe	51.08	11.57
		For 2" Wall Instead Of 1", Add	*9.52*	
		For 3" To 4" Wall Instead Of 1", Add	*15.73*	
23 51 16 00-0128	EA	6" Oval Flue/Vent Adjustable Flashing, Galvanized Double Wall Breech/Smoke Pipe	87.52	15.54
		For 2" Wall Instead Of 1", Add	*18.48*	
		For 3" To 4" Wall Instead Of 1", Add	*29.67*	

23 51 16 00-0129 Storm Collars *(23 51 16 00-0107)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0130	EA	4" Oval Galvanized Storm Collar, Double Wall	33.30	11.57
		For 2" Wall Instead Of 1", Add	*4.21*	
		For 3" To 4" Wall Instead Of 1", Add	*7.76*	
23 51 16 00-0131	EA	5" Oval Galvanized Storm Collar, Double Wall	39.20	13.49
		For 2" Wall Instead Of 1", Add	*5.01*	
		For 3" To 4" Wall Instead Of 1", Add	*9.21*	
23 51 16 00-0132	EA	6" Oval Galvanized Storm Collar, Double Wall	45.12	15.42
		For 2" Wall Instead Of 1", Add	*5.82*	
		For 3" To 4" Wall Instead Of 1", Add	*10.66*	

23 51 16 00-0133 Round Double Wall Flue/Vent Pipe And Fittings *(23 51 16)*

Note: 304 Stainless steel inner wall and aluminum steel outer jacket, with 1" insulation.

23 51 16 00-0134 Round Double Wall Flue/Vent Pipe *(23 51 16 00-0133)*

Note: 304 Stainless steel inner wall and aluminum steel outer jacket, with 1" insulation.

23 51 16 00-0135	LF	6" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	124.25	12.89
		For 316 Stainless Steel, Add	*14.73*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*9.21*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*18.42*	
23 51 16 00-0136	LF	8" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	149.51	14.82
		For 316 Stainless Steel, Add	*17.98*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*11.24*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*22.48*	
23 51 16 00-0137	LF	10" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	166.03	16.03
		For 316 Stainless Steel, Add	*20.15*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*12.59*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*25.19*	
23 51 16 00-0138	LF	12" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	187.33	17.47
		For 316 Stainless Steel, Add	*22.96*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*14.35*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*28.71*	
23 51 16 00-0139	LF	14" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	211.11	18.31
		For 316 Stainless Steel, Add	*26.43*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*16.52*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*33.04*	
23 51 16 00-0140	LF	16" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	222.94	19.28
		For 316 Stainless Steel, Add	*27.95*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*17.47*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*34.93*	
23 51 16 00-0141	LF	18" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	247.12	20.36
		For 316 Stainless Steel, Add	*31.41*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*19.63*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*39.27*	
23 51 16 00-0142	LF	20" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	305.13	32.16
		For 316 Stainless Steel, Add	*35.96*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*22.48*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*44.95*	
23 51 16 00-0143	LF	24" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	380.14	36.14
		For 316 Stainless Steel, Add	*46.36*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*28.98*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*57.95*	

23 51 16 00-0144 90 Degree Elbows *(23 51 16 00-0133)*

23 51 16 00-0145	EA	6" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	589.19	26.63
		For 316 Stainless Steel, Add	*104.53*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*52.27*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*104.53*	
23 51 16 00-0146	EA	8" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	650.90	29.64
		For 316 Stainless Steel, Add	*115.37*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*57.68*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*115.37*	
23 51 16 00-0147	EA	10" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	741.18	32.16
		For 316 Stainless Steel, Add	*132.16*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*66.08*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*132.16*	
23 51 16 00-0148	EA	12" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	837.74	35.05
		For 316 Stainless Steel, Add	*150.03*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*75.02*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*150.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0149	EA	14" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	971.95	36.75
		For 316 Stainless Steel, Add	*176.03*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*88.01*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*176.03*	
23 51 16 00-0150	EA	16" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,071.27	38.55
		For 316 Stainless Steel, Add	*194.98*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*97.49*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*194.98*	
23 51 16 00-0151	EA	18" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,238.83	40.60
		For 316 Stainless Steel, Add	*227.48*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*113.74*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*227.48*	
23 51 16 00-0152	EA	20" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,433.44	64.21
		For 316 Stainless Steel, Add	*254.56*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*127.28*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*254.56*	
23 51 16 00-0153	EA	24" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,764.95	72.28
		For 316 Stainless Steel, Add	*316.85*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*158.43*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*316.85*	

23 51 16 00-0154 45 Degree Elbows *(23 51 16 00-0133)*

23 51 16 00-0155	EA	6" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	391.89	25.66
		For 316 Stainless Steel, Add	*65.54*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*32.77*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*65.54*	
23 51 16 00-0156	EA	8" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	447.79	29.64
		For 316 Stainless Steel, Add	*74.74*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*37.37*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*74.74*	
23 51 16 00-0157	EA	10" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	497.41	32.16
		For 316 Stainless Steel, Add	*83.41*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*41.71*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*83.41*	
23 51 16 00-0158	EA	12" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	566.93	35.05
		For 316 Stainless Steel, Add	*95.87*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*47.93*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*95.87*	
23 51 16 00-0159	EA	14" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	638.84	36.75
		For 316 Stainless Steel, Add	*109.41*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*54.70*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*109.41*	
23 51 16 00-0160	EA	16" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	716.51	38.55
		For 316 Stainless Steel, Add	*124.03*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*62.02*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*124.03*	
23 51 16 00-0161	EA	18" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	802.82	40.60
		For 316 Stainless Steel, Add	*140.28*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*70.14*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*140.28*	
23 51 16 00-0162	EA	20" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	962.24	64.21
		For 316 Stainless Steel, Add	*160.32*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*80.16*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*160.32*	
23 51 16 00-0163	EA	24" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,209.79	72.28
		For 316 Stainless Steel, Add	*205.82*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*102.91*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*205.82*	

23 51 16 00-0164 Tees *(23 51 16 00-0133)*

23 51 16 00-0165	EA	6" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	424.33	32.16
		For 316 Stainless Steel, Add	*75.66*	
		For Tee Cap, Add	*96.93*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*34.39*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*68.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0166	EA	8" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	482.97	35.05
		For 316 Stainless Steel, Add	*86.98*	
		For Tee Cap, Add	*109.73*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*39.54*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*79.08*	
23 51 16 00-0167	EA	10" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	554.86	36.75
		For 316 Stainless Steel, Add	*101.88*	
		For Tee Cap, Add	*124.74*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*46.31*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*92.62*	
23 51 16 00-0168	EA	12" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	637.96	38.55
		For 316 Stainless Steel, Add	*119.16*	
		For Tee Cap, Add	*142.04*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*54.16*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*108.32*	
23 51 16 00-0169	EA	14" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	746.19	42.89
		For 316 Stainless Steel, Add	*140.60*	
		For Tee Cap, Add	*165.30*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*63.91*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*127.82*	
23 51 16 00-0170	EA	16" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	838.04	48.19
		For 316 Stainless Steel, Add	*157.88*	
		For Tee Cap, Add	*185.67*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*71.77*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*143.53*	
23 51 16 00-0171	EA	18" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	977.08	55.06
		For 316 Stainless Steel, Add	*184.69*	
		For Tee Cap, Add	*216.05*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*83.95*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*167.90*	
23 51 16 00-0172	EA	20" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,117.90	68.06
		For 316 Stainless Steel, Add	*208.52*	
		For Tee Cap, Add	*249.09*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*94.78*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*189.57*	
23 51 16 00-0173	EA	24" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,418.97	96.37
		For 316 Stainless Steel, Add	*259.17*	
		For Tee Cap, Add	*319.94*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*117.80*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*235.61*	

23 51 16 00-0174 Bellows *(23 51 16 00-0133)*

23 51 16 00-0175	EA	6" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	806.23	25.66
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*74.20*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*148.40*	
23 51 16 00-0176	EA	8" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	878.38	29.64
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*80.43*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*160.86*	
23 51 16 00-0177	EA	10" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	960.54	32.16
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*88.01*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*176.03*	
23 51 16 00-0178	EA	12" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,062.51	35.05
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*97.49*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*194.98*	
23 51 16 00-0179	EA	14" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,188.59	36.75
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*109.68*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*219.36*	
23 51 16 00-0180	EA	16" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,315.00	38.55
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*121.87*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*243.73*	
23 51 16 00-0181	EA	18" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,469.02	40.60
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*136.76*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*273.52*	
23 51 16 00-0182	EA	20" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,704.23	64.21
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*154.36*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*308.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0183	EA	24" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,103.48	72.28
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*192.28*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*384.55*	

23 51 16 00-0184 Ventilated Roof Thimbles *(23 51 16 00-0133)*

23 51 16 00-0185	EA	6" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	534.50	29.64
		For 316 Stainless Steel, Add	*46.04*	
23 51 16 00-0186	EA	8" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	580.47	35.05
		For 316 Stainless Steel, Add	*49.29*	
23 51 16 00-0187	EA	10" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	635.25	38.55
		For 316 Stainless Steel, Add	*53.89*	
23 51 16 00-0188	EA	12" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	686.69	42.89
		For 316 Stainless Steel, Add	*57.95*	
23 51 16 00-0189	EA	14" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	874.39	45.41
		For 316 Stainless Steel, Add	*76.10*	
23 51 16 00-0190	EA	16" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	781.22	48.19
		For 316 Stainless Steel, Add	*66.08*	
23 51 16 00-0191	EA	18" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	840.79	51.44
		For 316 Stainless Steel, Add	*71.22*	
23 51 16 00-0192	EA	20" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	944.41	72.28
		For 316 Stainless Steel, Add	*76.37*	
23 51 16 00-0193	EA	24" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,059.36	82.52
		For 316 Stainless Steel, Add	*85.31*	

23 51 16 00-0194 Exit Cones *(23 51 16 00-0133)*

23 51 16 00-0195	EA	6" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	369.63	16.74
23 51 16 00-0196	EA	8" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	389.84	18.31
23 51 16 00-0197	EA	10" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	419.19	19.28
23 51 16 00-0198	EA	12" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	437.98	20.24
23 51 16 00-0199	EA	14" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	482.67	20.84
23 51 16 00-0200	EA	16" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	527.36	21.32
23 51 16 00-0201	EA	18" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	639.98	22.05
23 51 16 00-0202	EA	20" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	799.25	41.32
23 51 16 00-0203	EA	24" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,004.86	44.46

23 51 16 00-0204 Vent Top Caps *(23 51 16 00-0133)*

23 51 16 00-0205	EA	6" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	404.74	16.74
23 51 16 00-0206	EA	8" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	468.38	18.31
23 51 16 00-0207	EA	10" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	543.72	19.28
23 51 16 00-0208	EA	12" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	624.81	20.24
23 51 16 00-0209	EA	14" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	729.06	20.84
23 51 16 00-0210	EA	16" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	828.03	21.44
23 51 16 00-0211	EA	18" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	921.66	22.05
23 51 16 00-0212	EA	20" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,105.16	41.32
23 51 16 00-0213	EA	24" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,316.29	44.46

23 51 16 00-0214 Roof Support Assemblies *(23 51 16 00-0133)*

23 51 16 00-0215	EA	6" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	610.50	30.84
		For 316 Stainless Steel, Add	*106.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0216	EA	8" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	674.04	36.75
		For 316 Stainless Steel, Add	*116.45*	
23 51 16 00-0217	EA	10" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	740.48	40.60
		For 316 Stainless Steel, Add	*127.82*	
23 51 16 00-0218	EA	12" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	790.34	45.29
		For 316 Stainless Steel, Add	*135.41*	
23 51 16 00-0219	EA	14" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	881.44	48.19
		For 316 Stainless Steel, Add	*152.20*	
23 51 16 00-0220	EA	16" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	935.54	51.44
		For 316 Stainless Steel, Add	*161.40*	
23 51 16 00-0221	EA	18" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,004.40	55.18
		For 316 Stainless Steel, Add	*173.32*	
23 51 16 00-0222	EA	20" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,113.51	77.09
		For 316 Stainless Steel, Add	*184.15*	
23 51 16 00-0223	EA	24" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,251.50	89.02
		For 316 Stainless Steel, Add	*205.82*	

23 51 16 00-0224 Round Stainless Steel Double Wall Flue/Vent Pipe And Fittings *(23 51 16)*

Note: With 1" insulation.

23 51 16 00-0225 Round Stainless Steel Double Wall Flue/Vent Pipe *(23 51 16 00-0224)*

Note: With 1" insulation.

23 51 16 00-0226	LF	6" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe	108.00	12.89
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*7.58*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*15.17*	
23 51 16 00-0227	LF	7" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe	131.93	13.73
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*9.75*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*19.50*	
23 51 16 00-0228	LF	8" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe	150.86	14.82
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*11.37*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*22.75*	
23 51 16 00-0229	LF	10" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe	205.25	16.03
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*16.52*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*33.04*	
23 51 16 00-0230	LF	12" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe	265.92	17.59
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*22.21*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*44.41*	
23 51 16 00-0231	LF	14" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe	338.49	18.43
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*29.25*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*58.50*	

23 51 16 00-0232 90 Degree Elbows *(23 51 16 00-0224)*

23 51 16 00-0233	EA	6" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	233.52	25.66
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*16.93*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*33.85*	
23 51 16 00-0234	EA	7" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	258.35	27.46
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*18.96*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*37.91*	
23 51 16 00-0235	EA	8" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	290.77	29.64
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*21.67*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*43.33*	
23 51 16 00-0236	EA	10" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	362.00	32.16
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*28.16*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*56.33*	
23 51 16 00-0237	EA	12" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	431.53	35.05
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*34.39*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*68.79*	
23 51 16 00-0238	EA	14" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	503.37	36.75
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*41.16*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*82.33*	

23 51 16 00-0239 45 Degree Elbows *(23 51 16 00-0224)*

23 51 16 00-0240	EA	6" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe	191.20	25.66
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*12.69*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*25.39*	
23 51 16 00-0241	EA	7" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe	210.96	27.46
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*14.22*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*28.44*	
23 51 16 00-0242	EA	8" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe	236.62	29.64
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*16.25*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*32.50*	
23 51 16 00-0243	EA	10" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe	291.59	32.16
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*21.12*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*42.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0244	EA	12" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe	345.52	35.05
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*25.80*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*51.59*	
23 51 16 00-0245	EA	14" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe	400.52	36.75
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*30.87*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*61.74*	
23 51 16 00-0246		**Tees With Tee Caps** *(23 51 16 00-0224)*		
23 51 16 00-0247	EA	6" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe	383.76	25.66
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*31.96*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*63.91*	
23 51 16 00-0248	EA	7" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe	485.84	27.46
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*41.71*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*83.41*	
23 51 16 00-0249	EA	8" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe	545.29	29.64
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*47.12*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*94.24*	
23 51 16 00-0250	EA	10" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe	743.77	32.16
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*66.35*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*132.70*	
23 51 16 00-0251	EA	12" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe	1,021.85	35.05
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*93.43*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*186.86*	
23 51 16 00-0252	EA	14" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe	1,310.36	36.75
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*121.87*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*243.73*	
23 51 16 00-0253		**Joist Shields** *(23 51 16 00-0224)*		
23 51 16 00-0254	EA	6" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	161.70	25.66
23 51 16 00-0255	EA	7" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	174.41	27.46
23 51 16 00-0256	EA	8" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	204.07	29.64
23 51 16 00-0257	EA	10" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	255.07	32.16
23 51 16 00-0258	EA	12" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	305.58	35.05
23 51 16 00-0259	EA	14" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	362.55	36.75
23 51 16 00-0260		**Adjustable Roof Flashing** *(23 51 16 00-0224)*		
23 51 16 00-0261	EA	6" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	192.85	25.66
23 51 16 00-0262	EA	7" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	215.02	27.46
23 51 16 00-0263	EA	8" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	233.85	29.64
23 51 16 00-0264	EA	10" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	284.83	32.16
23 51 16 00-0265	EA	12" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	351.70	35.05
23 51 16 00-0266	EA	14" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	422.09	36.62
23 51 16 00-0267		**Vent Top Caps** *(23 51 16 00-0224)*		
23 51 16 00-0268	EA	6" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	172.53	25.66
23 51 16 00-0269	EA	7" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	216.37	27.46
23 51 16 00-0270	EA	8" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	271.77	29.64
23 51 16 00-0271	EA	10" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	435.17	32.16
23 51 16 00-0272	EA	12" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	594.06	35.05
23 51 16 00-0273	EA	14" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	757.96	36.75
23 51 16 00-0274		**Roof Support Assemblies** *(23 51 16 00-0224)*		
23 51 16 00-0275	EA	6" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe	257.75	25.66
23 51 16 00-0276	EA	7" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe	286.78	27.46
23 51 16 00-0277	EA	8" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe	311.02	29.64
23 51 16 00-0278	EA	10" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe	391.73	32.16
23 51 16 00-0279	EA	12" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe	464.02	35.05
23 51 16 00-0280	EA	14" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe	568.40	36.75
23 51 16 00-0281		**Polyvinyl Chloride (PVC) Flue/Vent Accessories** *(23 51 16)*		
23 51 16 00-0282		**Concentric Polyvinyl Chloride (PVC) Vent Termination** *(23 51 16 00-0281)*		
23 51 16 00-0283	EA	2" Concentric Polyvinyl Chloride (PVC) Vent Termination	250.43	49.06
23 51 16 00-0284	EA	3" Concentric Polyvinyl Chloride (PVC) Vent Termination	272.19	49.06
23 51 16 00-0285		**Polypropylene (PP) Flue/Vent Pipe And Fittings** *(23 51 16)* Note: Centrotherm InnoFlue® Vent System		
23 51 16 00-0286		**Polypropylene Flue/Vent Rigid Pipe Sections** *(23 51 16 00-0285)* Note: Gasketed rigid single wall polypropylene vent lengths with dedicated male and female ends.		
23 51 16 00-0287	EA	2" x 12" Polypropylene Flue/Vent Rigid Pipe Section	45.87	14.90
23 51 16 00-0288	EA	2" x 24" Polypropylene Flue/Vent Rigid Pipe Section	52.38	15.68
23 51 16 00-0289	EA	2" x 36" Polypropylene Flue/Vent Rigid Pipe Section	60.13	17.44
23 51 16 00-0290	EA	2" x 72" Polypropylene Flue/Vent Rigid Pipe Section	74.88	20.51
23 51 16 00-0291	EA	3" x 12" Polypropylene Flue/Vent Rigid Pipe Section	55.29	17.08

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0292	EA	3" x 24" Polypropylene Flue/Vent Rigid Pipe Section	67.23	17.99
23 51 16 00-0293	EA	3" x 36" Polypropylene Flue/Vent Rigid Pipe Section	82.86	19.98
23 51 16 00-0294	EA	3" x 72" Polypropylene Flue/Vent Rigid Pipe Section	102.70	23.51
23 51 16 00-0295	EA	4" x 12" Polypropylene Flue/Vent Rigid Pipe Section	92.43	22.60
23 51 16 00-0296	EA	4" x 24" Polypropylene Flue/Vent Rigid Pipe Section	109.70	23.78
23 51 16 00-0297	EA	4" x 36" Polypropylene Flue/Vent Rigid Pipe Section	136.99	26.43
23 51 16 00-0298	EA	4" x 72" Polypropylene Flue/Vent Rigid Pipe Section	178.08	31.10
23 51 16 00-0299	EA	5" x 12" Polypropylene Flue/Vent Rigid Pipe Section	137.14	33.35
23 51 16 00-0300	EA	5" x 24" Polypropylene Flue/Vent Rigid Pipe Section	157.38	35.10
23 51 16 00-0301	EA	5" x 36" Polypropylene Flue/Vent Rigid Pipe Section	205.85	39.01
23 51 16 00-0302	EA	5" x 72" Polypropylene Flue/Vent Rigid Pipe Section	268.47	45.90

23 51 16 00-0303 Polypropylene Flue/Vent Elbows *(23 51 16 00-0285)*

Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.

23 51 16 00-0304	EA	2" Polypropylene Flue/Vent 15 Degree Elbow	56.76	18.11
23 51 16 00-0305	EA	3" Polypropylene Flue/Vent 15 Degree Elbow	66.79	19.06
23 51 16 00-0306	EA	4" Polypropylene Flue/Vent 15 Degree Elbow	84.13	19.75
23 51 16 00-0307	EA	5" Polypropylene Flue/Vent 15 Degree Elbow	98.12	20.57
23 51 16 00-0308	EA	2" Polypropylene Flue/Vent 30 Degree Elbow	56.76	18.11
23 51 16 00-0309	EA	3" Polypropylene Flue/Vent 30 Degree Elbow	66.79	19.06
23 51 16 00-0310	EA	4" Polypropylene Flue/Vent 30 Degree Elbow	84.13	19.75
23 51 16 00-0311	EA	5" Polypropylene Flue/Vent 30 Degree Elbow	98.12	20.57
23 51 16 00-0312	EA	2" Polypropylene Flue/Vent 45 Degree Elbow	56.76	18.11
23 51 16 00-0313	EA	3" Polypropylene Flue/Vent 45 Degree Elbow	66.79	19.06
23 51 16 00-0314	EA	4" Polypropylene Flue/Vent 45 Degree Elbow	84.13	19.75
23 51 16 00-0315	EA	5" Polypropylene Flue/Vent 45 Degree Elbow	98.12	20.57
23 51 16 00-0316	EA	2" Polypropylene Flue/Vent 87 Degree Elbow	56.76	18.11
23 51 16 00-0317	EA	3" Polypropylene Flue/Vent 87 Degree Elbow	66.79	19.06
23 51 16 00-0318	EA	4" Polypropylene Flue/Vent 87 Degree Elbow	83.05	19.75
23 51 16 00-0319	EA	5" Polypropylene Flue/Vent 87 Degree Elbow	100.79	20.57

23 51 16 00-0320 Polypropylene Flue/Vent Tees *(23 51 16 00-0285)*

Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.

23 51 16 00-0321	EA	2" Polypropylene Flue/Vent Tee	181.66	27.16
23 51 16 00-0322	EA	3" Polypropylene Flue/Vent Tee	229.22	28.60
23 51 16 00-0323	EA	4" Polypropylene Flue/Vent Tee	269.68	29.64
23 51 16 00-0324	EA	5" Polypropylene Flue/Vent Tee	295.34	30.84

23 51 16 00-0325 Polypropylene Flue/Vent Adaptors *(23 51 16 00-0285)*

Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.

23 51 16 00-0326	EA	2" Polypropylene Flue/Vent Adaptor With Gasket	67.30	18.11
23 51 16 00-0327	EA	3" Polypropylene Flue/Vent Adaptor With Gasket	97.47	19.06
23 51 16 00-0328	EA	4" Polypropylene Flue/Vent Adaptor With Gasket	113.83	19.75
23 51 16 00-0329	EA	5" Polypropylene Flue/Vent Adaptor With Gasket	156.19	20.57

23 51 16 00-0330 Polypropylene Flue/Vent Increases *(23 51 16 00-0285)*

Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.

23 51 16 00-0331	EA	2" to 3" Polypropylene Flue/Vent Centric Increaser	74.80	18.58
23 51 16 00-0332	EA	3" to 4" Polypropylene Flue/Vent Centric Increaser	82.05	19.41
23 51 16 00-0333	EA	4" to 5" Polypropylene Flue/Vent Centric Increaser	149.79	20.15
23 51 16 00-0334	EA	2" to 3" Polypropylene Flue/Vent Eccentric Increaser	101.83	18.58
23 51 16 00-0335	EA	3" to 4" Polypropylene Flue/Vent Eccentric Increaser	79.85	19.41
23 51 16 00-0336	EA	4" to 5" Polypropylene Flue/Vent Eccentric Increaser	207.53	20.15

23 51 16 00-0337 Polypropylene Flue/Vent Reducers *(23 51 16 00-0285)*

Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.

23 51 16 00-0338	EA	3" to 2" Polypropylene Flue/Vent Reducer	74.80	18.58
23 51 16 00-0339	EA	4" to 3" Polypropylene Flue/Vent Reducer	82.05	19.41
23 51 16 00-0340	EA	5" to 4" Polypropylene Flue/Vent Reducer	185.79	20.15

23 51 16 00-0341 Polypropylene Flue/Vent Test Ports *(23 51 16 00-0285)*

Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.

23 51 16 00-0342	EA	2" Polypropylene Flue/Vent Test Port	94.34	27.16
23 51 16 00-0343	EA	3" Polypropylene Flue/Vent Test Port	106.11	28.60
23 51 16 00-0344	EA	4" Polypropylene Flue/Vent Test Port	164.50	29.64
23 51 16 00-0345	EA	5" Polypropylene Flue/Vent Test Port	175.76	30.84

23 51 16 00-0346 Polypropylene Flue/Vent Cascade Components *(23 51 16 00-0285)*

Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.

23 51 16 00-0347	EA	4" x 15" Polypropylene Flue/Vent Branch Tee With 4" Feeder	274.53	29.64
23 51 16 00-0348	EA	4" x 42" Polypropylene Flue/Vent Branch Tee With 4" Feeder	359.80	37.05
23 51 16 00-0349	EA	5" x 12" Polypropylene Flue/Vent Branch Tee With 4" Feeder	224.85	30.84
23 51 16 00-0350	EA	5" x 42" Polypropylene Flue/Vent Branch Tee With 4" Feeder	334.13	38.55
23 51 16 00-0351	EA	3" to 4" Polypropylene Flue/Vent Non-Return Valve	353.13	19.41

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23 51 16 00-0352	EA	4" to 4" Polypropylene Flue/Vent Non-Return Valve	409.17	20.15
23 51 16 00-0353		**Polypropylene Flue/Vent Condensate Management** *(23 51 16 00-0285)*		
		Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0354	EA	2" Polypropylene Flue/Vent Horizontal Drain Tee	130.84	27.16
23 51 16 00-0355	EA	3" Polypropylene Flue/Vent Horizontal Drain Tee	158.76	28.60
23 51 16 00-0356	EA	4" Polypropylene Flue/Vent Horizontal Drain Tee	182.29	29.64
23 51 16 00-0357	EA	5" Polypropylene Flue/Vent Horizontal Drain Tee	208.42	30.84
23 51 16 00-0358	EA	4" Polypropylene Flue/Vent Horizontal Drain Fittings	231.68	29.64
23 51 16 00-0359	EA	5" Polypropylene Flue/Vent Horizontal Drain Fittings	255.69	30.84
23 51 16 00-0360	EA	2" Polypropylene Flue/Vent Tee Cap	76.36	9.06
23 51 16 00-0361	EA	3" Polypropylene Flue/Vent Tee Cap	98.34	9.53
23 51 16 00-0362	EA	4" Polypropylene Flue/Vent Tee Cap	117.09	9.88
23 51 16 00-0363	EA	5" Polypropylene Flue/Vent Tee Cap	153.31	10.28
23 51 16 00-0364	EA	2" Polypropylene Flue/Vent Tee Cap With Drain	146.64	27.16
23 51 16 00-0365	EA	3" Polypropylene Flue/Vent Tee Cap With Drain	180.66	28.60
23 51 16 00-0366	EA	4" Polypropylene Flue/Vent Tee Cap With Drain	209.46	29.64
23 51 16 00-0367	EA	5" Polypropylene Flue/Vent Tee Cap With Drain	253.09	30.84
23 51 16 00-0368		**Polypropylene Flue/Vent Terminations** *(23 51 16 00-0285)*		
23 51 16 00-0369	EA	2" Polypropylene-UV Black Flue/Vent Chimney Cover	193.11	18.11
23 51 16 00-0370	EA	3" Polypropylene-UV Black Flue/Vent Chimney Cover	169.91	19.06
23 51 16 00-0371	EA	4" Polypropylene-UV Black Flue/Vent Chimney Cover	213.22	19.75
23 51 16 00-0372	EA	3" Stainless Steel Chimney Cover With Polypropylene-UV Black End Pipe	438.63	19.06
23 51 16 00-0373	EA	4" Stainless Steel Chimney Cover With Polypropylene-UV Black End Pipe	468.44	19.75
23 51 16 00-0374	EA	5" Stainless Steel Chimney Cover With Polypropylene-UV Black End Pipe	547.20	20.57
23 51 16 00-0375	EA	2"/4" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	112.96	18.11
23 51 16 00-0376	EA	2"/5" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	119.73	18.11
23 51 16 00-0377	EA	2"/6" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	126.50	18.11
23 51 16 00-0378	EA	2"/7" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	133.27	18.11
23 51 16 00-0379	EA	3"/4" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	122.12	19.06
23 51 16 00-0380	EA	3"/5" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	128.89	19.06
23 51 16 00-0381	EA	3"/6" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	135.66	19.06
23 51 16 00-0382	EA	3"/7" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	142.43	19.06
23 51 16 00-0383	EA	4"/5" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	137.39	19.75
23 51 16 00-0384	EA	4"/6" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	144.16	19.75
23 51 16 00-0385	EA	4"/7" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	150.93	19.75
23 51 16 00-0386	EA	2" Polypropylene-UV Black Flue/Vent Low Profile Wall Termination	119.66	18.11
23 51 16 00-0387	EA	3" Polypropylene-UV Black Flue/Vent Low Profile Wall Termination	153.93	19.06
23 51 16 00-0388	EA	2" Polypropylene-UV Black Flue/Vent Termination Tee	138.18	27.16
23 51 16 00-0389	EA	3" Polypropylene-UV Black Flue/Vent Termination Tee	183.04	28.60
23 51 16 00-0390	EA	4" Polypropylene-UV Black Flue/Vent Termination Tee	217.03	29.64
23 51 16 00-0391	EA	5" Polypropylene-UV Black Flue/Vent Termination Tee	239.39	30.84
23 51 16 00-0392	EA	2" x 20" Polypropylene-UV Black Flue/Vent End Pipe	48.27	15.68
23 51 16 00-0393	EA	2" x 39" Polypropylene-UV Black Flue/Vent End Pipe	57.96	17.44
23 51 16 00-0394	EA	3" x 20" Polypropylene-UV Black Flue/Vent End Pipe	58.21	17.99
23 51 16 00-0395	EA	3" x 39" Polypropylene-UV Black Flue/Vent End Pipe	73.12	19.98
23 51 16 00-0396	EA	4" x 20" Polypropylene-UV Black Flue/Vent End Pipe	88.40	23.78
23 51 16 00-0397	EA	5" x 20" Polypropylene-UV Black Flue/Vent End Pipe	121.65	35.10
23 51 16 00-0398	EA	5" x 39" Polypropylene-UV Black Flue/Vent End Pipe	147.99	39.01
23 51 16 00-0399	EA	2" x 24" Polypropylene-UV Black Flue/Vent Vent Length	53.70	15.68
23 51 16 00-0400	EA	3" x 24" Polypropylene-UV Black Flue/Vent Vent Length	69.46	17.99
23 51 16 00-0401	EA	4" x 24" Polypropylene-UV Black Flue/Vent Vent Length	114.72	23.78
23 51 16 00-0402	EA	2" Polypropylene-UV Black Flue/Vent 45 Degree Elbow	58.92	18.11
23 51 16 00-0403	EA	3" Polypropylene-UV Black Flue/Vent 45 Degree Elbow	69.50	19.06
23 51 16 00-0404	EA	4" Polypropylene-UV Black Flue/Vent 45 Degree Elbow	87.59	19.75
23 51 16 00-0405	EA	2" Polypropylene-UV Black Flue/Vent 87 Degree Elbow	57.90	18.11
23 51 16 00-0406	EA	3" Polypropylene-UV Black Flue/Vent 87 Degree Elbow	68.82	19.06
23 51 16 00-0407	EA	4" Polypropylene-UV Black Flue/Vent 87 Degree Elbow	86.40	19.75
23 51 16 00-0408	EA	2" Polypropylene-UV Black Bird Screen For Polypropylene Flue/Vent	38.24	9.06
23 51 16 00-0409	EA	3" Polypropylene-UV Black Bird Screen For Polypropylene Flue/Vent	44.75	9.53
23 51 16 00-0410	EA	4" Polypropylene-UV Black Bird Screen For Polypropylene Flue/Vent	50.28	9.88
23 51 16 00-0411	EA	3" Stainless Steel Bird Screen For Polypropylene Flue/Vent	100.21	9.53
23 51 16 00-0412	EA	5" Stainless Steel Bird Screen For Polypropylene Flue/Vent	115.28	10.28
23 51 16 00-0413		**Polypropylene Flue/Vent Accessories** *(23 51 16 00-0285)*		
23 51 16 00-0414	EA	2" Spacer For Polypropylene Flue/Vent	19.51	4.53
23 51 16 00-0415	EA	3" Spacer For Polypropylene Flue/Vent	18.49	4.77
23 51 16 00-0416	EA	4" Spacer For Polypropylene Flue/Vent	19.05	4.94
23 51 16 00-0417	EA	5" Spacer For Polypropylene Flue/Vent	30.57	5.14
23 51 16 00-0418	EA	2" Flue Clamp For Polypropylene Flue/Vent	37.16	6.80
23 51 16 00-0419	EA	3" Flue Clamp For Polypropylene Flue/Vent	43.82	7.15
23 51 16 00-0420	EA	4" Flue Clamp For Polypropylene Flue/Vent	51.00	7.41
23 51 16 00-0421	EA	2" Support Clamp For Polypropylene Flue/Vent	35.27	6.80
23 51 16 00-0422	EA	4" Support Clamp For Polypropylene Flue/Vent	35.06	7.41
23 51 16 00-0423	EA	5" Support Clamp For Polypropylene Flue/Vent	43.00	7.71
23 51 16 00-0424	EA	3" Plastic Support Clamp For Polypropylene Flue/Vent	26.54	7.15
23 51 16 00-0425	EA	2" Polypropylene-UV Black Wall Plate For Polypropylene Flue/Vent	52.09	18.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0426	EA	3" Polypropylene-UV Black Wall Plate For Polypropylene Flue/Vent	57.61	19.06
23 51 16 00-0427	EA	4" Polypropylene-UV Black Wall Plate For Polypropylene Flue/Vent	62.18	19.75
23 51 16 00-0428	EA	5" Polypropylene-UV Black Wall Plate For Polypropylene Flue/Vent	69.74	20.57
23 51 16 00-0429	EA	2" Single Wall EDPM Gasket For Polypropylene Flue/Vent	4.35	
23 51 16 00-0430	EA	3" Single Wall EDPM Gasket For Polypropylene Flue/Vent	4.86	
23 51 16 00-0431	EA	4" Single Wall EDPM Gasket For Polypropylene Flue/Vent	6.58	
23 51 16 00-0432	EA	5" Single Wall EDPM Gasket For Polypropylene Flue/Vent	10.87	
23 51 16 00-0433	EA	2" Connector Ring For Polypropylene Flue/Vent	15.99	4.53
23 51 16 00-0434	EA	3" Connector Ring For Polypropylene Flue/Vent	18.16	4.77
23 51 16 00-0435	EA	4" Connector Ring For Polypropylene Flue/Vent	19.61	4.94
23 51 16 00-0436	EA	5" Connector Ring For Polypropylene Flue/Vent	21.74	5.14
23 51 16 00-0437	EA	2"/4" Polypropylene Flue/Vent Air Intake, White	83.15	9.06
23 51 16 00-0438	EA	3"/5" Polypropylene Flue/Vent Air Intake, White	85.20	9.53
23 51 16 00-0439	EA	4"/6" Polypropylene Flue/Vent Air Intake, White	62.71	9.88
23 51 16 00-0440	EA	2" Base Support For Polypropylene Flue/Vent	72.52	6.80
23 51 16 00-0441	EA	3" Base Support For Polypropylene Flue/Vent	74.77	7.15
23 51 16 00-0442	EA	4" Base Support For Polypropylene Flue/Vent	100.83	7.41
23 51 16 00-0443	EA	5" Base Support For Polypropylene Flue/Vent	171.92	7.71

23 51 16 00-0444 Polypropylene Flue/Vent Flex Pipe *(23 51 16 00-0285)*

23 51 16 00-0445	LF	2", Up To 50', Polypropylene Flue/Vent Flex Pipe	13.01	1.59
23 51 16 00-0446	LF	2", > 50', Polypropylene Flue/Vent Flex Pipe	11.21	1.59
23 51 16 00-0447	LF	3", Up To 50', Polypropylene Flue/Vent Flex Pipe	16.00	1.88
23 51 16 00-0448	LF	3", > 50', Polypropylene Flue/Vent Flex Pipe	13.74	1.88
23 51 16 00-0449	LF	4", Up To 50', Polypropylene Flue/Vent Flex Pipe	23.16	2.32
23 51 16 00-0450	LF	4", > 50', Polypropylene Flue/Vent Flex Pipe	19.68	2.32

23 51 16 00-0451 Polypropylene Flue/Vent Couplers *(23 51 16 00-0285)*

Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.

23 51 16 00-0452	EA	2" Polypropylene Flue/Vent Coupler, Single Wall to Flex	90.12	18.11
23 51 16 00-0453	EA	2" Polypropylene Flue/Vent Coupler, Flex to Single Wall	101.43	18.11
23 51 16 00-0454	EA	3" Polypropylene Flue/Vent Coupler, Flex to Single Wall	210.46	19.06
23 51 16 00-0455	EA	4" Polypropylene Flue/Vent Coupler, Flex to Single Wall	387.85	19.75
23 51 16 00-0456	EA	2" Polypropylene Flue/Vent Coupler, Flex to Flex	104.76	18.11
23 51 16 00-0457	EA	3" Polypropylene Flue/Vent Coupler, Flex to Flex	251.75	19.06
23 51 16 00-0458	EA	4" Polypropylene Flue/Vent Coupler, Flex to Flex	658.61	19.75

23 51 16 00-0459 Polypropylene Flue/Vent Flex End Terminations *(23 51 16 00-0285)*

23 51 16 00-0460	EA	2" Polypropylene-UV Black Flue/Vent Flex End Pipe Termination	119.76	18.11
23 51 16 00-0461	EA	3" Polypropylene-UV Black Flue/Vent Flex End Pipe Termination	110.13	19.06
23 51 16 00-0462	EA	4" Polypropylene-UV Black Flue/Vent Flex End Pipe Termination	137.02	19.75

23 51 16 00-0463 Aluminum Flue/Vent Fittings *(23 51 16)*

23 51 16 00-0464 Aluminum Vent Top Caps *(23 51 16 00-0463)*

23 51 16 00-0465	EA	3" Aluminum Vent Cap (Star-Kap® 3-SK)	114.47	17.95
23 51 16 00-0466	EA	4" Aluminum Vent Cap (Star-Kap® 4-SK)	121.82	17.59
23 51 16 00-0467	EA	5" Aluminum Vent Cap (Star-Kap® 5-SK)	132.27	18.43
23 51 16 00-0468	EA	6" Aluminum Vent Cap (Star-Kap® 6-SK)	186.30	19.28
23 51 16 00-0469	EA	8" Aluminum Vent Cap (Star-Kap® 8-SK)	208.41	21.44
23 51 16 00-0470	EA	10" Aluminum Vent Cap (Star-Kap® 10-SK)	605.60	22.65
23 51 16 00-0471	EA	12" Aluminum Vent Cap (Star-Kap® 12-SK)	620.42	24.09

23 52 Heating Boilers *(23 50)*

23 52 16 Condensing Boilers *(23 52)*

23 52 16 13 Stainless-Steel Condensing Boilers *(23 52 16)*

23 52 16 13-0001 Hamilton Evo Series Stainless Steel Condensing Boilers *(23 52 16 13)*

Note: Includes circulating pump, mounting rack, disconnect panel, plumbing and gas manifold, manual reset high limit and LWCO (Cal Code). Rated by gross rated output.

23 52 16 13-0002	EA	75 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW79)	12,484.38	440.60
23 52 16 13-0003	EA	127 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW129)	13,201.94	586.88
23 52 16 13-0004	EA	168 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW179)	14,079.61	660.78
23 52 16 13-0005	EA	187 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW199.1)	14,925.13	697.57
23 52 16 13-0006	EA	281 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW299)	19,698.00	807.72
23 52 16 13-0007	EA	374 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW399)	22,799.28	881.08
23 52 16 13-0008	EA	589 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW599)	30,797.27	1,027.91
23 52 16 13-0009	EA	785 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW798) Note: Includes vent manifold.	42,807.93	1,174.85
23 52 16 13-0010	EA	980 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW998) Note: Includes vent manifold.	52,347.95	1,284.99
23 52 16 13-0011	EA	1,425 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW1499)	75,572.78	1,505.19
23 52 16 13-0012	EA	1,900 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW1999)	83,280.76	1,615.34

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 16 13-0013		**Buderus SB615 Stainless Steel Condensing Boilers** *(23 52 16 13)* Note: Includes Riello burners. Rated by gross rated output.		
23 52 16 13-0014	EA	484 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/145)	39,591.70	954.55
23 52 16 13-0015	EA	612 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/185)	41,459.41	1,027.91
23 52 16 13-0016	EA	791 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/240)	46,355.09	1,174.85
23 52 16 13-0017	EA	1,022 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/310)	50,090.51	1,321.67
23 52 16 13-0018	EA	1,317 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/400)	55,546.22	1,431.82
23 52 16 13-0019	EA	1,459 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/510)	63,559.67	1,505.19
23 52 16 13-0020	EA	2,104 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/640)	76,373.81	1,615.34
23 52 16 13-0021		**Buderus SB735 Stainless Steel Condensing Boilers** *(23 52 16 13)* Note: Includes Riello burners. Rated by gross rated output.		
23 52 16 13-0022	EA	2,650 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB735/790)	77,867.74	1,762.17
23 52 16 13-0023	EA	3,251 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB735/970)	90,184.81	1,835.64
23 52 16 13-0024	EA	4,079 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB735/1200)	104,523.30	1,909.11
23 52 16 13-0025		**Laars Neotherm Stainless Steel Condensing Boiler** *(23 52 16 13)* Note: Compliant with SCAQMD. Rated by gross rated input.		
23 52 16 13-0026	EA	80 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH080)	8,724.07	477.27
23 52 16 13-0027	EA	105 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH105)	9,957.64	550.74
23 52 16 13-0028	EA	150 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH150)	11,148.84	660.78
23 52 16 13-0029	EA	210 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH210)	12,416.66	734.25
23 52 16 13-0030	EA	285 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH285)	15,642.67	807.72
23 52 16 13-0031	EA	399 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH399)	20,469.08	881.08
23 52 16 13-0032	EA	500 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH500)	24,610.99	954.55
23 52 16 13-0033	EA	600 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH600)	27,326.86	1,027.91
23 52 16 13-0034	EA	750 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH750)	29,686.21	1,101.38
23 52 16 13-0035	EA	850 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH850)	32,265.87	1,248.20
23 52 16 13-0036	EA	1,000 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH1000)	46,001.41	1,321.67
23 52 16 13-0037	EA	1,700 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH1700)	61,195.22	1,541.98
23 52 16 13-0038		**AERCO Benchmark Stainless-Steel Condensing Boilers** *(23 52 16 13)* Note: Rated by gross rated output.		
23 52 16 13-0039	EA	1,500 MBH Water, 120 Volt, 1 Phase, Gas Fired, Stainless Steel Condensing Boiler (AERCO BMK1.5LN) Note: Includes gas PRV and pump delay relay.	49,833.88	1,505.19
23 52 16 13-0040	EA	2,000 MBH Water, 120 Volt, 1 Phase, Gas Fired, Stainless Steel Condensing Boiler (AERCO BMK2.0LN) Note: Includes gas PRV and pump delay relay.	59,151.54	1,615.34
23 52 16 13-0041	EA	3,000 MBH Water, 220 Volt, 1 Phase, 230 Volt, 3 Phase, Gas Fired, Stainless Steel Condensing Boiler (AERCO BMK3000) Note: Includes gas PRV and pump delay relay.	85,095.16	1,798.96
23 52 16 13-0042	EA	3,000 MBH Water, 480 Volt, 3 Phase, Gas Fired, Stainless Steel Condensing Boiler (AERCO BMK3000) Note: Includes gas PRV and pump delay relay.	90,676.94	1,798.96
23 52 16 13-0043		**Lochinvar Knight Stainless Steel Condensing Boilers** *(23 52 16 13)* Note: Rated by gross rated output.		
23 52 16 13-0044	EA	184 MBH 95% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight KBN211)	12,093.86	660.78
23 52 16 13-0045	EA	264 MBH 95% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight KHB285N)	15,664.19	734.25
23 52 16 13-0046		**Lochinvar Knight XL Stainless Steel Condensing Boilers** *(23 52 16 13)* Note: Rated by gross rated output.		
23 52 16 13-0047	EA	387 MBH 97% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBX0400N)	17,787.96	844.40
23 52 16 13-0048	EA	485 MBH 97% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBX0500N)	22,198.32	881.08
23 52 16 13-0049	EA	631 MBH 97% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBX0650N)	27,259.24	954.55
23 52 16 13-0050	EA	776 MBH 97% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBX0800N)	32,708.37	991.23
23 52 16 13-0051	EA	969 MBH 97% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBX1000N)	40,016.08	1,064.70
23 52 16 13-0052		**Lochinvar Crest Stainless Steel Condensing Boilers** *(23 52 16 13)* Note: Rated by gross rated output.		
23 52 16 13-0053	EA	1,203 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN1251)	50,732.25	1,247.99
23 52 16 13-0054	EA	1,443 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN1501)	52,342.39	1,431.82
23 52 16 13-0055	EA	1,684 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN1751)	57,388.06	1,523.36
23 52 16 13-0056	EA	1,923 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN2001)	62,433.72	1,615.34
23 52 16 13-0057	EA	2,400 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN2501)	73,282.87	1,688.81
23 52 16 13-0058	EA	2,883 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN3001)	81,208.23	1,762.17
23 52 16 13-0059	EA	3,364 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN3501)	99,831.60	1,835.64
23 52 16 13-0060	EA	3,843 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN4001)	110,323.95	1,909.00
23 52 16 13-0061	EA	4,804 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN5001)	135,414.87	1,982.36

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 16 13-0062		Patterson Kelley Stainless Steel Condensing Boilers *(23 52 16 13)*		
23 52 16 13-0063		Patterson Kelley Stainless Steel Condensing Boilers, SOLIS® Series *(23 52 16 13-0062)*		
23 52 16 13-0064	EA	1,500 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Patterson-Kelley SOLIS® SL-1500)	47,349.58	1,505.19
23 52 16 13-0065	EA	3,000 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Patterson-Kelley SOLIS® SL-3000)	72,833.10	1,798.96
23 52 16 13-0066		Patterson Kelley Stainless Steel Condensing Boilers, SONIC® Series *(23 52 16 13-0062)*		
23 52 16 13-0067	EA	650 MBH 97% Efficient, Gas Fired, Dual Fuel, Stainless Steel Condensing Boiler (Patterson-Kelley SONIC® SC-650 SCD-650)	24,660.07	1,064.70
23 52 16 13-0068	EA	1,000 MBH 97% Efficient, Gas Fired, Dual Fuel, Stainless Steel Condensing Boiler (Patterson-Kelley SONIC® SC-1000 SCD-1000)	29,645.86	1,321.67
23 52 16 13-0069	EA	2,000 MBH 97% Efficient, Gas Fired, Dual Fuel, Stainless Steel Condensing Boiler (Patterson-Kelley SONIC® SC-2000)	50,326.51	1,615.34
23 52 16 13-0070	EA	4,000 MBH 97% Efficient, Gas Fired, Dual Fuel, Stainless Steel Condensing Boiler (Patterson-Kelley SONIC® SC-4000)	86,493.87	1,909.11
23 52 16 13-0071		Patterson Kelley Stainless Steel Condensing Boilers, STORM® Series *(23 52 16 13-0062)*		
23 52 16 13-0072	EA	1,250 MBH 97% Efficient, Gas Fired, Stainless Steel Condensing Boiler (Patterson-Kelley STORM® ST1250)	36,139.24	1,395.04
23 52 16 13-0073	EA	2,000 MBH 97% Efficient, Gas Fired, Stainless Steel Condensing Boiler (Patterson-Kelley STORM® ST2000)	59,540.11	1,615.34
23 52 16 13-0074	EA	4,000 MBH 97% Efficient, Gas Fired, Stainless Steel Condensing Boiler (Patterson-Kelley STORM® ST4000)	88,454.20	1,909.11
23 52 16 16		**Aluminum Condensing Boilers** *(23 52 16)*		
23 52 16 16-0001		Patterson Kelley Mach Series Aluminum Condensing Boilers *(23 52 16 16)* Note: Compliant with SCAQMD. Rated by gross rated output.		
23 52 16 16-0002	EA	300 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach CM300)	20,705.97	807.72
23 52 16 16-0003	EA	450 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C450)	23,300.18	917.87
23 52 16 16-0004	EA	750 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C750)	26,366.98	1,101.38
23 52 16 16-0005	EA	900 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C900)	39,152.28	1,248.20
23 52 16 16-0006	EA	1,050 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C1050)	40,895.47	1,321.67
23 52 16 16-0007	EA	1,500 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C1500)	63,574.51	1,505.19
23 52 16 16-0008	EA	2,000 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C2000)	68,846.36	1,615.34
23 52 16 16-0009	EA	2,500 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C2500)	81,171.55	1,762.17
23 52 16 16-0010	EA	3,000 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C3000)	94,263.95	1,798.96
23 52 16 16-0011	EA	4,000 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C4000)	107,279.09	1,909.11
23 52 16 16-0012		Weil McLain Aluminum Condensing Boilers *(23 52 16 16)* Note: Rated by gross rated output.		
23 52 16 16-0013	EA	80 MBH Water, Gas Fired, Condensing Boiler (Weil McLain Ultra 80) Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump.	8,377.46	477.27
23 52 16 16-0014	EA	105 MBH Water, Gas Fired, Condensing Boiler (Weil McLain Ultra 105) Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump.	9,230.13	550.74
23 52 16 16-0015	EA	155 MBH Water, Gas Fired, Condensing Boiler (Weil McLain Ultra 155) Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump.	10,403.75	660.78
23 52 16 16-0016	EA	230 MBH Water, Gas Fired, Condensing Boiler (Weil McLain Ultra 230) Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump.	11,678.00	734.25
23 52 16 16-0017	EA	310 MBH Water, Gas Fired, Condensing Boiler (Weil McLain Ultra 310) Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump.	15,170.29	844.40
23 52 16 16-0018		Buderus GB142 Wall Hung Aluminum Condensing Boilers *(23 52 16 16)* Note: Includes standard controls. Rated by gross rated output.		
23 52 16 16-0019	EA	75 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB142/24) Note: Includes an aluminum heat exchanger and three speed circulating pump.	6,043.69	440.60
23 52 16 16-0020	EA	95 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB142/30) Note: Includes an aluminum heat exchanger and three speed circulating pump.	7,019.58	513.95
23 52 16 16-0021	EA	143 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB142/45) Note: Includes an aluminum heat exchanger and three speed circulating pump.	8,103.13	624.10
23 52 16 16-0022	EA	193 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB142/60) Note: Includes an aluminum heat exchanger and three speed circulating pump.	8,874.45	697.57
23 52 16 16-0023	EA	Optional Vertical Or Horizontal 3" Concentric Termination Kit For GB142 (Buderus 60L46)	341.84	110.15
23 52 16 16-0024	EA	Optional Stainless Steel Concentric Hood For GB142 (Buderus SJT3)	442.88	110.15
23 52 16 16-0025	EA	Optional GB Floor Stand For GB142 (Buderus 7098265)	929.05	110.15
23 52 16 16-0026		Buderus GB162 Wall Hung Aluminum Condensing Boilers *(23 52 16 16)* Note: Includes standard controls. Rated by gross rated output.		
23 52 16 16-0027	EA	290 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB162/80) Note: Includes an aluminum heat exchanger, connection pump module, low loss header, outdoor reset module, outdoor temperature sensor, and 1-1/2" unions.	10,037.65	807.72
23 52 16 16-0028	EA	333 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB162/100) Note: Includes an aluminum heat exchanger, connection pump module, low loss header, outdoor reset module, outdoor temperature sensor, and 1-1/2" unions.	12,335.84	844.40

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 16 16-0029	EA	580 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Two Boilers) (Buderus GB162/80-TL2) Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	23,621.38	991.23
23 52 16 16-0030	EA	580 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler Back To Back Cascade Package (Two Boilers) (Buderus GB162/80-TR2) Note: Includes an aluminum heat exchangers, connection pump module, back to back cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	22,094.90	991.23
23 52 16 16-0031	EA	666 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Two Boilers) (Buderus GB162/100-TL2) Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	28,217.74	1,064.70
23 52 16 16-0032	EA	666 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler Back To Back Cascade Package (Two Boilers) (Buderus GB162/100-TR2) Note: Includes an aluminum heat exchangers, connection pump module, back to back cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	26,691.26	1,064.70
23 52 16 16-0033	EA	870 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Three Boilers) (Buderus GB162/80-TL3) Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	32,809.92	1,248.20
23 52 16 16-0034	EA	999 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Three Boilers) (Buderus GB162/100-TL3) Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	39,594.34	1,321.67
23 52 16 16-0035	EA	1,160 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Four Boilers) (Buderus GB162/80-TL4) Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	40,709.15	1,395.04
23 52 16 16-0036	EA	1,160 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler Back To Back Cascade Package (Four Boilers) (Buderus GB162/80-TR4) Note: Includes an aluminum heat exchangers, connection pump module, back to back cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	41,320.51	1,395.04
23 52 16 16-0037	EA	1,332 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Four Boilers) (Buderus GB162/100-TL4) Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	49,571.45	1,431.82
23 52 16 16-0038	EA	1,332 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler Back To Back Cascade Package (Four Boilers) (Buderus GB162/100-TR4) Note: Includes an aluminum heat exchangers, connection pump module, back to back cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	50,182.81	1,431.82
23 52 16 16-0039	EA	EMS Control Module For Condensing Boiler (Buderus RC35)	761.85	110.15

23 52 16 16-0040 Buderus GB312 Aluminum Condensing Boilers *(23 52 16 16)*

Note: Includes standard controls. Rated by gross rated output.

23 52 16 16-0041	EA	305 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/90) Note: Includes an aluminum heat exchanger.	14,262.54	807.72
23 52 16 16-0042	EA	409 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/120) Note: Includes an aluminum heat exchanger.	16,611.11	881.08
23 52 16 16-0043	EA	544 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/160) Note: Includes an aluminum heat exchanger.	20,767.27	972.84
23 52 16 16-0044	EA	676 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/200) Note: Includes an aluminum heat exchanger.	23,854.19	1,064.70
23 52 16 16-0045	EA	810 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/240) Note: Includes an aluminum heat exchanger.	28,502.37	1,174.85
23 52 16 16-0046	EA	944 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/280) Note: Includes an aluminum heat exchanger.	31,468.65	1,284.99
23 52 16 16-0047	EA	Optional CSD-1 Kit Consisting Of High And Low Gas Pressure Switches For GB312 (Buderus 7747019985)	494.55	55.08
23 52 16 16-0048	EA	Optional L4006E1125 Manual Reset Aquastat For GB312 (Buderus L4006E1125)	271.23	55.08
23 52 16 16-0049	EA	Optional Hydrolevel 550 low Water Cut-Off For GB312 (Buderus 550)	383.99	55.08
23 52 16 16-0050	EA	Optional Condensate Neutralization Tank For GB312 (Buderus 63035899)	802.79	55.08

23 52 16 19 Copper Water-Tube Condensing Boilers *(23 52 16)*

23 52 16 19-0001 Laars Rheos+ Copper Fin Tube Condensing Boilers *(23 52 16 19)*

Note: Rated by gross rated output.

23 52 16 19-0002	EA	1,200 MBH Water, Gas Fired, Copper Fin Tube Condensing Boiler (Laars Rheos+)	45,549.17	1,395.04
23 52 16 19-0003	EA	1,600 MBH Water, Gas Fired, Copper Fin Tube Condensing Boiler (Laars Rheos+)	51,358.57	1,541.98
23 52 16 19-0004	EA	2,000 MBH Water, Gas Fired, Copper Fin Tube Condensing Boiler (Laars Rheos+)	56,202.76	1,615.34
23 52 16 19-0005	EA	2,400 MBH Water, Gas Fired, Copper Fin Tube Condensing Boiler (Laars Rheos+)	60,652.20	1,688.81

23 52 16 23 Cast Iron Condensing Boilers *(23 52 16)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 16 23-0001		**Hydrotherm KN Cast Iron Condensing Boilers** *(23 52 16 23)* Note: Compliant with SCAQMD. Rated by gross rated output.		
23 52 16 23-0002	EA	199 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-2)	16,028.17	697.57
23 52 16 23-0003	EA	399 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-4)	23,464.61	881.08
23 52 16 23-0004	EA	600 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-6)	38,585.46	1,027.91
23 52 16 23-0005	EA	1,000 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-10)	50,648.34	1,321.67
23 52 16 23-0006	EA	1,600 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-16)	67,522.29	1,541.98
23 52 16 23-0007	EA	1,999 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-20)	73,655.75	1,615.34
23 52 16 23-0008	EA	2,600 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-26)	93,749.07	1,762.17
23 52 16 23-0009	EA	3,000 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-30)	102,473.50	1,798.96
23 52 23		**Cast-Iron Boilers** *(23 52)*		
23 52 23 00-0001		**Weil-McLain Model 80 Cast Iron Boiler** *(23 52 23)* Note: Capacities are the net AHRI ratings for steam or water MBH output. Includes burner unit and controls. Excludes flue piping, fuel piping, boiler base or pad.		
23 52 23 00-0002		**Gas Fired Weil-McLain Model 80 Cast Iron Boiler** *(23 52 23 00-0001)* Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0003	EA	209 MBH Steam, 242 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 380) Note: Includes field assembly of individual sections and testing.	17,957.66	3,630.46
23 52 23 00-0004	EA	297 MBH Steam, 344 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 480) Note: Includes field assembly of individual sections and testing.	19,585.49	3,872.49
23 52 23 00-0005	EA	386 MBH Steam, 448 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 580) Note: Includes field assembly of individual sections and testing.	21,363.06	4,114.52
23 52 23 00-0006	EA	476 MBH Steam, 551 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 680) Note: Includes field assembly of individual sections and testing.	23,019.19	4,356.55
23 52 23 00-0007	EA	565 MBH Steam, 655 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 780) Note: Includes field assembly of individual sections and testing.	24,552.01	4,598.58
23 52 23 00-0008	EA	654 MBH Steam, 758 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 880) Note: Includes field assembly of individual sections and testing.	26,634.08	4,840.61
23 52 23 00-0009	EA	743 MBH Steam, 862 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 980) Note: Includes field assembly of individual sections and testing.	28,253.21	5,082.64
23 52 23 00-0010	EA	833 MBH Steam, 965 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1080) Note: Includes field assembly of individual sections and testing.	29,547.78	5,324.67
23 52 23 00-0011	EA	922 MBH Steam, 1,069 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1180) Note: Includes field assembly of individual sections and testing.	30,837.71	5,566.71
23 52 23 00-0012	EA	1,018 MBH Steam, 1,172 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1280) Note: Includes field assembly of individual sections and testing.	32,320.40	5,808.74
23 52 23 00-0013		**Gas Fired Package Weil-McLain Model 80 Cast Iron Boiler** *(23 52 23 00-0001)*		
23 52 23 00-0014	EA	209 MBH Steam, 242 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 380) Note: Fire tested factory assembled package unit.	12,177.94	478.05
23 52 23 00-0015	EA	297 MBH Steam, 344 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 480) Note: Fire tested factory assembled package unit.	13,528.55	478.05
23 52 23 00-0016	EA	386 MBH Steam, 448 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 580) Note: Fire tested factory assembled package unit.	15,509.45	597.56
23 52 23 00-0017	EA	476 MBH Steam, 551 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 680) Note: Fire tested factory assembled package unit.	16,886.60	597.56
23 52 23 00-0018	EA	565 MBH Steam, 655 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 780) Note: Fire tested factory assembled package unit.	18,623.09	717.08
23 52 23 00-0019	EA	654 MBH Steam, 758 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 880) Note: Fire tested factory assembled package unit.	20,444.38	717.08
23 52 23 00-0020	EA	743 MBH Steam, 862 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 980) Note: Fire tested factory assembled package unit.	22,264.66	836.59
23 52 23 00-0021	EA	833 MBH Steam, 965 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1080) Note: Fire tested factory assembled package unit.	23,760.90	956.10
23 52 23 00-0022	EA	922 MBH Steam, 1,069 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1180) Note: Fire tested factory assembled package unit.	24,776.30	956.10
23 52 23 00-0023	EA	1018 MBH Steam, 1172 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1280) Note: Fire tested factory assembled package unit.	26,458.30	1,075.61
23 52 23 00-0024		**Gas/Oil Fired Weil-McLain Model 80 Cast Iron Boiler** *(23 52 23 00-0001)* Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0025	EA	209 MBH Steam, 242 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 380) Note: Includes field assembly of individual sections and testing.	18,746.79	3,630.46
23 52 23 00-0026	EA	297 MBH Steam, 344 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	20,515.70	3,872.49
23 52 23 00-0027	EA	386 MBH Steam, 448 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	22,208.06	4,114.52
23 52 23 00-0028	EA	476 MBH Steam, 551 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	24,093.25	4,356.55
23 52 23 00-0029	EA	565 MBH Steam, 655 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	25,655.40	4,598.58
23 52 23 00-0030	EA	654 MBH Steam, 758 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	27,916.25	4,840.61
23 52 23 00-0031	EA	743 MBH Steam, 862 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	29,353.81	5,082.64
23 52 23 00-0032	EA	833 MBH Steam, 965 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	30,753.13	5,324.67

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 23 00-0033	EA	922 MBH Steam, 1069 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	32,044.46	5,566.71
23 52 23 00-0034	EA	1,018 MBH Steam, 1172 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	33,564.85	5,808.74
23 52 23 00-0035		Gas/Oil Fired Package Weil-McLain Model 80 Cast Iron Boiler *(23 52 23 00-0001)*		
23 52 23 00-0036	EA	209 MBH Steam, 242 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 380) Note: Fire tested factory assembled package cast iron unit.	12,967.08	478.05
23 52 23 00-0037	EA	297 MBH Steam, 344 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 480) Note: Fire tested factory assembled package cast iron unit.	14,458.76	478.05
23 52 23 00-0038	EA	386 MBH Steam, 448 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 580) Note: Fire tested factory assembled package cast iron unit.	16,354.46	597.56
23 52 23 00-0039	EA	476 MBH Steam, 551 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 680) Note: Fire tested factory assembled package cast iron unit.	17,960.66	597.56
23 52 23 00-0040	EA	565 MBH Steam, 655 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 780) Note: Fire tested factory assembled package cast iron unit.	19,726.48	717.08
23 52 23 00-0041	EA	654 MBH Steam, 758 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 880) Note: Fire tested factory assembled package cast iron unit.	21,726.55	717.08
23 52 23 00-0042	EA	743 MBH Steam, 862 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 980) Note: Fire tested factory assembled package cast iron unit.	23,365.26	836.59
23 52 23 00-0043	EA	833 MBH Steam, 965 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1080) Note: Fire tested factory assembled package cast iron unit.	24,966.25	956.10
23 52 23 00-0044	EA	922 MBH Steam, 1,069 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1180) Note: Fire tested factory assembled package cast iron unit.	25,983.05	956.10
23 52 23 00-0045	EA	1,018 MBH Steam, 1,172 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1280) Note: Fire tested factory assembled package cast iron unit.	27,702.76	1,075.61
23 52 23 00-0046		Weil-McLain Model 88 Cast Iron Boiler *(23 52 23)* Note: Capacities are the net AHRI ratings for steam or water MBH output. Includes burner unit and controls. Excludes flue piping, fuel piping, boiler base or pad.		
23 52 23 00-0047		Gas Fired Weil-McLain Model 88 Cast Iron Boiler *(23 52 23 00-0046)* Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0048	EA	629 MBH Steam, 730 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 488) Note: Includes field assembly of individual sections and testing.	28,915.09	5,445.69
23 52 23 00-0049	EA	845 MBH Steam, 979 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 588) Note: Includes field assembly of individual sections and testing.	31,855.93	5,778.48
23 52 23 00-0050	EA	1072 MBH Steam, 1229 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 688) Note: Includes field assembly of individual sections and testing.	35,481.24	6,111.27
23 52 23 00-0051	EA	1,311 MBH Steam, 1,478 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 788) Note: Includes field assembly of individual sections and testing.	38,682.80	6,444.07
23 52 23 00-0052	EA	1,543 MBH Steam, 1,728 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 888) Note: Includes field assembly of individual sections and testing.	41,474.70	6,776.86
23 52 23 00-0053	EA	1,766 MBH Steam, 1,977 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 988) Note: Includes field assembly of individual sections and testing.	45,492.69	7,109.65
23 52 23 00-0054	EA	1,988 MBH Steam, 2,227 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1088) Note: Includes field assembly of individual sections and testing.	48,310.20	7,442.44
23 52 23 00-0055	EA	2,211 MBH Steam, 2,477 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1188) Note: Includes field assembly of individual sections and testing.	50,810.00	7,775.23
23 52 23 00-0056	EA	2,434 MBH Steam, 2,726 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1288) Note: Includes field assembly of individual sections and testing.	54,126.45	8,108.03
23 52 23 00-0057	EA	2,657 MBH Steam, 2,976 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1388) Note: Includes field assembly of individual sections and testing.	56,806.13	8,440.82
23 52 23 00-0058	EA	2,880 MBH Steam, 3,225 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1488) Note: Includes field assembly of individual sections and testing.	61,337.09	8,773.61
23 52 23 00-0059	EA	3,102 MBH Steam, 3,475 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1588) Note: Includes field assembly of individual sections and testing.	63,889.82	9,106.40
23 52 23 00-0060	EA	3,325 MBH Steam, 3,724 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1688) Note: Includes field assembly of individual sections and testing.	66,593.52	9,439.19
23 52 23 00-0061	EA	3,548 MBH Steam, 3,974 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1788) Note: Includes field assembly of individual sections and testing.	69,599.15	9,771.99
23 52 23 00-0062	EA	3,771 MBH Steam, 4,223 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1888) Note: Includes field assembly of individual sections and testing.	72,056.12	10,104.78
23 52 23 00-0063		Gas Fired Package Weil-McLain Model 88 Cast Iron Boiler *(23 52 23 00-0046)*		
23 52 23 00-0064	EA	629 MBH Steam, 730 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 488) Note: Fire tested factory assembled package unit.	22,284.22	836.59
23 52 23 00-0065	EA	845 MBH Steam, 979 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 588) Note: Fire tested factory assembled package unit.	25,276.32	956.10
23 52 23 00-0066	EA	1,072 MBH Steam, 1,229 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 688) Note: Fire tested factory assembled package unit.	28,969.57	1,075.61
23 52 23 00-0067	EA	1,311 MBH Steam, 1,478 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 788) Note: Fire tested factory assembled package unit.	32,208.89	1,195.13
23 52 23 00-0068	EA	1,543 MBH Steam, 1,728 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 888) Note: Fire tested factory assembled package unit.	34,572.11	1,195.13
23 52 23 00-0069	EA	1,766 MBH Steam, 1,977 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 988) Note: Fire tested factory assembled package unit.	38,645.26	1,314.64
23 52 23 00-0070	EA	1,988 MBH Steam, 2,227 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1088) Note: Fire tested factory assembled package unit.	41,037.80	1,314.64
23 52 23 00-0071	EA	2,211 MBH Steam, 2,477 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1188) Note: Fire tested factory assembled package unit.	43,588.57	1,434.15

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 23 00-0072	EA	2,434 MBH Steam, 2,726 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1288) Note: Fire tested factory assembled package unit.	46,481.13	1,434.15
23 52 23 00-0073	EA	2,657 MBH Steam, 2,976 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1388) Note: Fire tested factory assembled package unit.	49,212.09	1,553.67
23 52 23 00-0074	EA	2,880 MBH Steam, 3,225 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1488) Note: Fire tested factory assembled package unit.	51,857.80	1,673.18
23 52 23 00-0075	EA	3,102 MBH Steam, 3,475 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1588) Note: Fire tested factory assembled package unit.	53,986.37	1,673.18
23 52 23 00-0076	EA	3,325 MBH Steam, 3,724 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1688) Note: Fire tested factory assembled package unit.	56,742.43	1,792.69
23 52 23 00-0077	EA	3,548 MBH Steam, 3,974 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1788) Note: Fire tested factory assembled package unit.	59,322.13	1,792.69
23 52 23 00-0078	EA	3,771 MBH Steam, 4,223 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1888) Note: Fire tested factory assembled package unit.	61,860.26	1,912.20
23 52 23 00-0079		**Gas/Oil Fired Weil-McLain Model 88 Cast Iron Boiler** *(23 52 23 00-0046)* Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0080	EA	629 MBH Steam, 730 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 488) Note: Includes field assembly of individual sections and testing.	29,887.20	5,445.69
23 52 23 00-0081	EA	845 MBH Steam, 979 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 588) Note: Includes field assembly of individual sections and testing.	32,822.45	5,778.48
23 52 23 00-0082	EA	1,072 MBH Steam, 1,229 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 688) Note: Includes field assembly of individual sections and testing.	36,699.16	6,111.27
23 52 23 00-0083	EA	1,311 MBH Steam, 1,478 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 788) Note: Includes field assembly of individual sections and testing.	40,023.64	6,444.07
23 52 23 00-0084	EA	1,543 MBH Steam, 1,728 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 888) Note: Includes field assembly of individual sections and testing.	42,678.66	6,776.86
23 52 23 00-0085	EA	1,766 MBH Steam, 1,977 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 988) Note: Includes field assembly of individual sections and testing.	46,621.22	7,109.65
23 52 23 00-0086	EA	1,988 MBH Steam, 2,227 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1088) Note: Includes field assembly of individual sections and testing.	50,004.39	7,442.44
23 52 23 00-0087	EA	2,211 MBH Steam, 2,477 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1188) Note: Includes field assembly of individual sections and testing.	52,504.20	7,775.23
23 52 23 00-0088	EA	2,434 MBH Steam, 2,726 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1288) Note: Includes field assembly of individual sections and testing.	55,787.13	8,108.03
23 52 23 00-0089	EA	2,657 MBH Steam, 2,976 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1388) Note: Includes field assembly of individual sections and testing.	59,180.52	8,440.82
23 52 23 00-0090	EA	2,880 MBH Steam, 3,225 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1488) Note: Includes field assembly of individual sections and testing.	63,831.60	8,773.61
23 52 23 00-0091	EA	3,102 MBH Steam, 3,475 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1588) Note: Includes field assembly of individual sections and testing.	67,223.75	9,106.40
23 52 23 00-0092	EA	3,325 MBH Steam, 3,724 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1688) Note: Includes field assembly of individual sections and testing.	69,086.63	9,439.19
23 52 23 00-0093	EA	3,548 MBH Steam, 3,974 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1788) Note: Includes field assembly of individual sections and testing.	72,016.84	9,771.99
23 52 23 00-0094	EA	3,771 MBH Steam, 4,223 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1888) Note: Includes field assembly of individual sections and testing.	74,500.34	10,104.78
23 52 23 00-0095		**Gas/Oil Fired Package Weil-McLain Model 88 Cast Iron Boiler** *(23 52 23 00-0046)*		
23 52 23 00-0096	EA	629 MBH Steam, 730 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 488) Note: Fire tested factory assembled package cast iron unit.	23,256.32	836.59
23 52 23 00-0097	EA	845 MBH Steam, 979 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 588) Note: Fire tested factory assembled package cast iron unit.	26,242.83	956.10
23 52 23 00-0098	EA	1,072 MBH Steam, 1,229 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 688) Note: Fire tested factory assembled package cast iron unit.	30,173.52	1,075.61
23 52 23 00-0099	EA	1,311 MBH Steam, 1,478 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 788) Note: Fire tested factory assembled package cast iron unit.	33,549.73	1,195.13
23 52 23 00-0100	EA	1,543 MBH Steam, 1,728 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 888) Note: Fire tested factory assembled package cast iron unit.	35,778.86	1,195.13
23 52 23 00-0101	EA	1,766 MBH Steam, 1,977 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 988) Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	39,773.79	1,314.64
23 52 23 00-0102	EA	1,988 MBH Steam, 2,227 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1088) Note: Fire tested factory assembled package cast iron unit.	42,732.00	1,314.64
23 52 23 00-0103	EA	2,211 MBH Steam, 2,477 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1188) Note: Fire tested factory assembled package cast iron unit.	45,282.76	1,434.15
23 52 23 00-0104	EA	2,434 MBH Steam, 2,726 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1288) Note: Fire tested factory assembled package cast iron unit.	48,141.81	1,434.15
23 52 23 00-0105	EA	2,657 MBH Steam, 2,976 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1388) Note: Fire tested factory assembled package cast iron unit.	51,593.46	1,553.67
23 52 23 00-0106	EA	2,880 MBH Steam, 3,225 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1488) Note: Fire tested factory assembled package cast iron unit.	54,352.30	1,673.18
23 52 23 00-0107	EA	3,102 MBH Steam, 3,475 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1588) Note: Fire tested factory assembled package cast iron unit.	55,923.59	1,673.18
23 52 23 00-0108	EA	3,325 MBH Steam, 3,724 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1688) Note: Fire tested factory assembled package cast iron unit.	59,235.54	1,792.69
23 52 23 00-0109	EA	3,548 MBh Steam, 3,974 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1788) Note: Fire tested factory assembled package cast iron unit.	61,739.82	1,792.69
23 52 23 00-0110	EA	3,771 MBH Steam, 4,223 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1888) Note: Fire tested factory assembled package cast iron unit.	64,276.55	1,912.20

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 23 00-0111		**Weil-McLain Model 94 Cast Iron Boiler** *(23 52 23)* Note: Capacities are the net AHRI ratings for steam or water MBH output. Includes burner unit and controls. Excludes flue piping, fuel piping, boiler base or pad.		
23 52 23 00-0112		**Gas Fired Weil-McLain Model 94 Cast Iron Boiler** *(23 52 23 00-0111)* Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0113	EA	1,584 MBH Steam, 1,784 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-894) Note: Includes field assembly of individual sections and testing.	77,625.37	10,588.85
23 52 23 00-0114	EA	1,800 MBH Steam, 2,050 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-994) Note: Includes field assembly of individual sections and testing.	84,088.70	11,193.92
23 52 23 00-0115	EA	2,024 MBH Steam, 2,310 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1094) Note: Includes field assembly of individual sections and testing.	89,999.89	11,799.00
23 52 23 00-0116	EA	2,249 MBH Steam, 2,571 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1194) Note: Includes field assembly of individual sections and testing.	95,789.38	12,404.07
23 52 23 00-0117	EA	2,474 MBH Steam, 2,834 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1294) Note: Includes field assembly of individual sections and testing.	101,632.24	13,009.15
23 52 23 00-0118	EA	2,703 MBH Steam, 3,098 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1394) Note: Includes field assembly of individual sections and testing.	109,225.41	13,614.23
23 52 23 00-0119	EA	2,928 MBH Steam, 3,362 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1494) Note: Includes field assembly of individual sections and testing.	114,736.07	14,219.30
23 52 23 00-0120	EA	3,154 MBH Steam, 3,628 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1594) Note: Includes field assembly of individual sections and testing.	120,071.35	14,824.38
23 52 23 00-0121	EA	3,378 MBH Steam, 3,894 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1694) Note: Includes field assembly of individual sections and testing.	128,695.44	15,429.46
23 52 23 00-0122	EA	3,604 MBH Steam, 4,162 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1794) Note: Includes field assembly of individual sections and testing.	134,027.69	16,034.54
23 52 23 00-0123	EA	3,834 MBH Steam, 4,430 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1894) Note: Includes field assembly of individual sections and testing.	138,615.09	16,639.61
23 52 23 00-0124	EA	4,059 MBH Steam, 4,700 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1994) Note: Includes field assembly of individual sections and testing.	146,941.91	17,244.69
23 52 23 00-0125	EA	4,285 MBH Steam, 4,970 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-2094) Note: Includes field assembly of individual sections and testing.	152,317.54	17,849.77
23 52 23 00-0126	EA	4,510 MBH Steam, 5,241 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-2194) Note: Includes field assembly of individual sections and testing.	160,834.08	18,454.84
23 52 23 00-0127	EA	4,781 MBH Steam, 5,568 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-2294) Note: Includes field assembly of individual sections and testing.	166,487.94	19,059.92
23 52 23 00-0128	EA	4,961 MBH Steam, 5,787 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-2394) Note: Includes field assembly of individual sections and testing.	172,665.81	19,664.99
23 52 23 00-0129	EA	5,232 MBH Steam, 6,117 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-2494) Note: Includes field assembly of individual sections and testing.	177,985.22	20,270.07
23 52 23 00-0130	EA	5,413 MBH Steam, 6,338 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-2594) Note: Includes field assembly of individual sections and testing.	183,454.77	20,875.15
23 52 23 00-0131		**Gas Fired Package Weil-McLain Model 94 Cast Iron Boiler** *(23 52 23 00-0111)*		
23 52 23 00-0132	EA	1,584 MBH Steam, 1,784 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-894) Note: Fire tested factory assembled package cast iron unit.	68,109.44	1,553.67
23 52 23 00-0133	EA	1,800 MBH Steam, 2,050 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-994) Note: Fire tested factory assembled package cast iron unit.	74,281.82	1,673.18
23 52 23 00-0134	EA	2,024 MBH Steam, 2,310 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1094) Note: Fire tested factory assembled package cast iron unit.	79,898.32	1,792.69
23 52 23 00-0135	EA	2,249 MBH Steam, 2,571 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1194) Note: Fire tested factory assembled package cast iron unit.	85,397.45	1,912.20
23 52 23 00-0136	EA	2,474 MBH Steam, 2,834 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1294) Note: Fire tested factory assembled package cast iron unit.	90,467.47	1,912.20
23 52 23 00-0137	EA	2,703 MBH Steam, 3,098 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1394) Note: Fire tested factory assembled package cast iron unit.	95,835.48	2,031.72
23 52 23 00-0138	EA	2,928 MBH Steam, 3,362 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1494) Note: Fire tested factory assembled package cast iron unit.	100,574.48	2,031.72
23 52 23 00-0139	EA	3,154 MBH Steam, 3,628 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1594) Note: Fire tested factory assembled package cast iron unit.	105,616.90	2,151.23
23 52 23 00-0140	EA	3,378 MBH Steam, 3,894 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1694) Note: Fire tested factory assembled package cast iron unit.	113,470.54	2,151.23
23 52 23 00-0141	EA	3,604 MBH Steam, 4,162 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1794) Note: Fire tested factory assembled package cast iron unit.	118,511.53	2,270.74
23 52 23 00-0142	EA	3,834 MBH Steam, 4,430 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1894) Note: Fire tested factory assembled package cast iron unit.	122,327.32	2,270.74
23 52 23 00-0143	EA	4,059 MBH Steam, 4,700 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1994) Note: Fire tested factory assembled package cast iron unit.	130,364.39	2,390.25
23 52 23 00-0144	EA	4,285 MBH Steam, 4,970 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-2094) Note: Fire tested factory assembled package cast iron unit.	134,967.91	2,390.25
23 52 23 00-0145	EA	4,510 MBH Steam, 5,241 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-2194) Note: Fire tested factory assembled package cast iron unit.	143,217.27	2,509.77
23 52 23 00-0146	EA	4,781 MBH Steam, 5,568 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-2294) Note: Fire tested factory assembled package cast iron unit.	148,073.59	2,509.77
23 52 23 00-0147	EA	4,961 MBH Steam, 5,787 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-2394) Note: Fire tested factory assembled package cast iron unit.	153,956.86	2,629.28
23 52 23 00-0148	EA	5,232 MBH Steam, 6,117 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-2494) Note: Fire tested factory assembled package cast iron unit.	158,505.92	2,629.28
23 52 23 00-0149	EA	5,413 MBH Steam, 6,338 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-2594) Note: Fire tested factory assembled package cast iron unit.	163,682.40	2,748.79

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 23 00-0150		**Oil Fired Weil-McLain Model 94 Cast Iron Boiler** *(23 52 23 00-0111)* Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0151	EA	1,584 MBH Steam, 1,784 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-894) Note: Includes field assembly of individual sections and testing.	73,457.62	10,588.85
23 52 23 00-0152	EA	1,800 MBH Steam, 2,050 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-994) Note: Includes field assembly of individual sections and testing.	79,920.94	11,193.92
23 52 23 00-0153	EA	2,024 MBH Steam, 2,310 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1094) Note: Includes field assembly of individual sections and testing.	87,762.38	11,799.00
23 52 23 00-0154	EA	2,249 MBH Steam, 2,571 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1194) Note: Includes field assembly of individual sections and testing.	93,047.66	12,404.07
23 52 23 00-0155	EA	2,474 MBH Steam, 2,834 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1294) Note: Includes field assembly of individual sections and testing.	98,546.93	13,009.15
23 52 23 00-0156	EA	2,703 MBH Steam, 3,098 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1394) Note: Includes field assembly of individual sections and testing.	105,756.01	13,614.23
23 52 23 00-0157	EA	2,928 MBH Steam, 3,362 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1494) Note: Includes field assembly of individual sections and testing.	111,526.45	14,219.30
23 52 23 00-0158	EA	3,154 MBH Steam, 3,628 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1594) Note: Includes field assembly of individual sections and testing.	116,864.52	14,824.38
23 52 23 00-0159	EA	3,378 MBH Steam, 3,894 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1694) Note: Includes field assembly of individual sections and testing.	126,485.86	15,429.46
23 52 23 00-0160	EA	3,604 MBH Steam, 4,162 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1794) Note: Includes field assembly of individual sections and testing.	131,819.51	16,034.54
23 52 23 00-0161	EA	3,834 MBH Steam, 4,430 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1894) Note: Includes field assembly of individual sections and testing.	137,151.34	16,639.61
23 52 23 00-0162	EA	4,059 MBH Steam, 4,700 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1994) Note: Includes field assembly of individual sections and testing.	146,951.68	17,244.69
23 52 23 00-0163	EA	4,285 MBH Steam, 4970 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-2094) Note: Includes field assembly of individual sections and testing.	152,327.32	17,849.77
23 52 23 00-0164	EA	4,510 MBH Steam, 5,241 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-2194) Note: Includes field assembly of individual sections and testing.	161,068.72	18,454.84
23 52 23 00-0165	EA	4,781 MBH Steam, 5,568 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-2294) Note: Includes field assembly of individual sections and testing.	166,721.19	19,059.92
23 52 23 00-0166	EA	4,961 MBH Steam, 5,787 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-2394) Note: Includes field assembly of individual sections and testing.	172,778.94	19,664.99
23 52 23 00-0167	EA	5,232 MBH Steam, 6,117 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-2494) Note: Includes field assembly of individual sections and testing.	178,098.35	20,270.07
23 52 23 00-0168	EA	5,413 MBH Steam, 6,338 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-2594) Note: Includes field assembly of individual sections and testing.	183,576.29	20,875.15
23 52 23 00-0169		**Oil Fired Package Weil-McLain Model 94 Cast Iron Boiler** *(23 52 23 00-0111)*		
23 52 23 00-0170	EA	1,584 MBH Steam, 1,784 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-894) Note: Fire tested factory assembled package cast iron unit.	63,715.42	1,553.67
23 52 23 00-0171	EA	1,800 MBH Steam, 2,050 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-994) Note: Fire tested factory assembled package cast iron unit.	69,887.80	1,673.18
23 52 23 00-0172	EA	2,024 MBH Steam, 2,310 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1094) Note: Fire tested factory assembled package cast iron unit.	77,434.54	1,792.69
23 52 23 00-0173	EA	2,249 MBH Steam, 2,571 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1194) Note: Fire tested factory assembled package cast iron unit.	82,429.46	1,912.20
23 52 23 00-0174	EA	2,474 MBH Steam, 2,834 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1294) Note: Fire tested factory assembled package cast iron unit.	87,155.90	1,912.20
23 52 23 00-0175	EA	2,703 MBH Steam, 3,098 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1394) Note: Fire tested factory assembled package cast iron unit.	92,139.81	2,031.72
23 52 23 00-0176	EA	2,928 MBH Steam, 3,362 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1494) Note: Fire tested factory assembled package cast iron unit.	97,138.60	2,031.72
23 52 23 00-0177	EA	3,154 MBH Steam, 3,628 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1594) Note: Fire tested factory assembled package cast iron unit.	102,181.02	2,151.23
23 52 23 00-0178	EA	3,378 MBH Steam, 3,894 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1694) Note: Fire tested factory assembled package cast iron unit.	111,034.70	2,151.23
23 52 23 00-0179	EA	3,604 MBH Steam, 4,162 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1794) Note: Fire tested factory assembled package cast iron unit.	116,074.29	2,270.74
23 52 23 00-0180	EA	3,834 MBH Steam, 4,430 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1894) Note: Fire tested factory assembled package cast iron unit.	120,637.31	2,270.74
23 52 23 00-0181	EA	4,059 MBH Steam, 4,700 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1994) Note: Fire tested factory assembled package cast iron unit.	130,147.90	2,390.25
23 52 23 00-0182	EA	4,285 MBH Steam, 4,970 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-2094) Note: Fire tested factory assembled package cast iron unit.	134,751.42	2,390.25
23 52 23 00-0183	EA	4,510 MBH Steam, 5,241 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-2194) Note: Fire tested factory assembled package cast iron unit.	143,197.71	2,509.77
23 52 23 00-0184	EA	4,781 MBH Steam, 5,568 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-2294) Note: Fire tested factory assembled package cast iron unit.	148,080.58	2,509.77
23 52 23 00-0185	EA	4,961 MBH Steam, 5,787 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-2394) Note: Fire tested factory assembled package cast iron unit.	153,843.73	2,629.28
23 52 23 00-0186	EA	5,232 MBH Steam, 6,117 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-2494) Note: Fire tested factory assembled package cast iron unit.	158,392.78	2,629.28
23 52 23 00-0187	EA	5,413 MBH Steam, 6,338 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-2594) Note: Fire tested factory assembled package cast iron unit.	163,577.65	2,748.79
23 52 23 00-0188		**Gas/Oil Fired Weil-McLain Model 94 Cast Iron Boiler** *(23 52 23 00-0111)* Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0189	EA	1,584 MBH Steam, 1,784 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-894) Note: Includes field assembly of individual sections and testing.	78,935.48	10,588.85

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 23 00-0190	EA	1,800 MBH Steam, 2,050 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-994) Note: Includes field assembly of individual sections and testing.	85,400.20	11,193.92
23 52 23 00-0191	EA	2,024 MBH Steam, 2,310 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1094) Note: Includes field assembly of individual sections and testing.	91,668.95	11,799.00
23 52 23 00-0192	EA	2,249 MBH Steam, 2,571 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1194) Note: Includes field assembly of individual sections and testing.	97,599.50	12,404.07
23 52 23 00-0193	EA	2,474 MBH Steam, 2,834 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1294) Note: Includes field assembly of individual sections and testing.	103,410.24	13,009.15
23 52 23 00-0194	EA	2,703 MBH Steam, 3,098 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1394) Note: Includes field assembly of individual sections and testing.	109,881.86	13,614.23
23 52 23 00-0195	EA	2,928 MBH Steam, 3,362 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1494) Note: Includes field assembly of individual sections and testing.	116,916.32	14,219.30
23 52 23 00-0196	EA	3,154 MBH Steam, 3,628 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1594) Note: Includes field assembly of individual sections and testing.	122,595.18	14,824.38
23 52 23 00-0197	EA	3,378 MBH Steam, 3,894 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1694) Note: Includes field assembly of individual sections and testing.	131,438.56	15,429.46
23 52 23 00-0198	EA	3,604 MBH Steam, 4,162 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1794) Note: Includes field assembly of individual sections and testing.	136,770.81	16,034.54
23 52 23 00-0199	EA	3,834 MBH Steam, 4,430 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1894) Note: Includes field assembly of individual sections and testing.	141,455.97	16,639.61
23 52 23 00-0200	EA	4,059 MBH Steam, 4,700 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1994) Note: Includes field assembly of individual sections and testing.	149,877.77	17,244.69
23 52 23 00-0201	EA	4,285 MBH Steam, 4,970 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-2094) Note: Includes field assembly of individual sections and testing.	156,650.11	17,849.77
23 52 23 00-0202	EA	4,510 MBH Steam, 5,241 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-2194) Note: Includes field assembly of individual sections and testing.	165,915.27	18,454.84
23 52 23 00-0203	EA	4,781 MBH Steam, 5,568 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-2294) Note: Includes field assembly of individual sections and testing.	171,527.23	19,059.92
23 52 23 00-0204	EA	4,961 MBH Steam, 5,787 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-2394) Note: Includes field assembly of individual sections and testing.	177,964.89	19,664.99
23 52 23 00-0205	EA	5,232 MBH Steam, 6,117 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-2494) Note: Includes field assembly of individual sections and testing.	183,285.69	20,270.07
23 52 23 00-0206	EA	5,413 MBH Steam, 6,338 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-2594) Note: Includes field assembly of individual sections and testing.	188,759.44	20,875.15
23 52 23 00-0207		Gas/Oil Fired Package Weil-McLain Model 94 Cast Iron Boiler *(23 52 23 00-0111)*		
23 52 23 00-0208	EA	1,584 MBH Steam, 1,784 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-894) Note: Fire tested factory assembled package cast iron unit.	69,521.50	1,553.67
23 52 23 00-0209	EA	1,800 MBH Steam, 2,050 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-994) Note: Fire tested factory assembled package cast iron unit.	75,695.28	1,673.18
23 52 23 00-0210	EA	2,024 MBH Steam, 2,310 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1094) Note: Fire tested factory assembled package cast iron unit.	81,673.52	1,792.69
23 52 23 00-0211	EA	2,249 MBH Steam, 2,571 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1194) Note: Fire tested factory assembled package cast iron unit.	87,310.93	1,912.20
23 52 23 00-0212	EA	2,474 MBH Steam, 2,834 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1294) Note: Fire tested factory assembled package cast iron unit.	92,348.83	1,912.20
23 52 23 00-0213	EA	2,703 MBH Steam, 3,098 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1394) Note: Fire tested factory assembled package cast iron unit.	96,593.89	2,031.72
23 52 23 00-0214	EA	2,928 MBH Steam, 3,362 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1494) Note: Fire tested factory assembled package cast iron unit.	102,856.69	2,031.72
23 52 23 00-0215	EA	3,154 MBH Steam, 3,628 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1594) Note: Fire tested factory assembled package cast iron unit.	108,241.30	2,151.23
23 52 23 00-0216	EA	3,378 MBH Steam, 3,894 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1694) Note: Fire tested factory assembled package cast iron unit.	116,317.02	2,151.23
23 52 23 00-0217	EA	3,604 MBH Steam, 4,162 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1794) Note: Fire tested factory assembled package cast iron unit.	121,355.21	2,270.74
23 52 23 00-0218	EA	3,834 MBH Steam, 4,430 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1894) Note: Fire tested factory assembled package cast iron unit.	125,270.16	2,270.74
23 52 23 00-0219	EA	4,059 MBH Steam, 4,700 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1994) Note: Fire tested factory assembled package cast iron unit.	133,402.21	2,390.25
23 52 23 00-0220	EA	4,285 MBH Steam, 4,970 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-2094) Note: Fire tested factory assembled package cast iron unit.	139,403.83	2,390.25
23 52 23 00-0221	EA	4,510 MBH Steam, 5,241 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-2194) Note: Fire tested factory assembled package cast iron unit.	148,373.88	2,509.77
23 52 23 00-0222	EA	4,781 MBH Steam, 5,568 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-2294) Note: Fire tested factory assembled package cast iron unit.	153,216.24	2,509.77
23 52 23 00-0223	EA	4,961 MBH Steam, 5,787 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-2394) Note: Fire tested factory assembled package cast iron unit.	159,357.90	2,629.28
23 52 23 00-0224	EA	5,232 MBH Steam, 6,117 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-2494) Note: Fire tested factory assembled package cast iron unit.	163,908.35	2,629.28
23 52 23 00-0225	EA	5,413 MBH Steam, 6,338 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-2594) Note: Fire tested factory assembled package cast iron unit.	169,090.43	2,748.79

23 52 33 Water-Tube Boilers *(23 52)*

23 52 33 13 Finned Water-Tube Boilers *(23 52 33)*

23 52 33 13-0001		Laars Pennant 85% Efficient Water, Gas Fired, Copper Fin Tube LoNox Boiler *(23 52 33 13)* Note: Rated by gross rated output.		
23 52 33 13-0002	EA	200 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant)	9,008.45	654.28
23 52 33 13-0003	EA	300 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant)	9,914.78	726.99

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 33 13-0004	EA	400 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant)	11,396.34	872.38
23 52 33 13-0005	EA	500 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant)	14,521.17	908.73
23 52 33 13-0006	EA	750 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant)	17,063.12	1,090.47
23 52 33 13-0007	EA	1,000 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant)	20,961.54	1,308.57
23 52 33 13-0008	EA	1,250 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant)	23,793.81	1,381.27
23 52 33 13-0009	EA	1,500 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant)	26,349.46	1,490.32
23 52 33 13-0010	EA	1,750 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant)	28,721.74	1,563.01
23 52 33 13-0011	EA	2,000 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant)	30,807.19	1,599.37
23 52 33 13-0012		**Patterson Kelly Modufire Forced Draft, Water, Gas Fired, Copper Fin Tube Boiler** *(23 52 33 13)*		
		Note: Rated by gross rated output.		
23 52 33 13-0013	EA	1,000 MBH Forced Draft, Water, Gas Fired, Copper Fin Tube Boiler (Patterson Kelly Modufire)	31,277.35	1,308.57
23 52 33 13-0014	EA	1,500 MBH Forced Draft, Water, Gas Fired, Copper Fin Tube Boiler (Patterson Kelly Modufire)	39,040.08	1,490.32
23 52 33 13-0015	EA	2,000 MBH Forced Draft, Water, Gas Fired, Copper Fin Tube Boiler (Patterson Kelly Modufire)	41,602.10	1,599.37
23 52 33 13-0016	EA	2,500 MBH Forced Draft, Water, Gas Fired, Copper Fin Tube Boiler (Patterson Kelly Modufire)	58,788.03	1,817.46
23 52 33 13-0017	EA	3,000 MBH Forced Draft, Water, Gas Fired, Copper Fin Tube Boiler (Patterson Kelly Modufire)	61,683.66	2,035.55
23 52 33 13-0018		**Lochinvar Copper-Fin II Finned Tube Boiler** *(23 52 33 13)*		
		Note: Rated by gross rated output.		
23 52 33 13-0019	EA	340 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN0402)	14,364.27	587.09
		For High And Low Gas Pressure Switch With Manual Reset, Add	*537.49*	
		For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	*476.15*	
23 52 33 13-0020	EA	425 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN0502)	17,238.20	733.60
		For High And Low Gas Pressure Switch With Manual Reset, Add	*537.49*	
		For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	*476.15*	
23 52 33 13-0021	EA	552.5 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN0652)	18,479.19	881.19
		For High And Low Gas Pressure Switch With Manual Reset, Add	*537.49*	
		For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	*476.15*	
23 52 33 13-0022	EA	637.5 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN0752)	18,991.85	881.19
		For High And Low Gas Pressure Switch With Manual Reset, Add	*537.49*	
		For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	*476.15*	
23 52 33 13-0023	EA	841.5 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN0992)	23,556.87	1,101.49
		For High And Low Gas Pressure Switch With Manual Reset, Add	*537.49*	
		For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	*476.15*	
23 52 33 13-0024	EA	1,071 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN1262)	27,319.33	1,101.49
		For High And Low Gas Pressure Switch With Manual Reset, Add	*537.49*	
		For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	*476.15*	
23 52 33 13-0025	EA	1,224 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN1442)	29,808.15	1,101.49
		For High And Low Gas Pressure Switch With Manual Reset, Add	*537.49*	
		For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	*476.15*	
23 52 33 13-0026	EA	1,530 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN1802)	32,101.98	1,321.79
		For High And Low Gas Pressure Switch With Manual Reset, Add	*537.49*	
		For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	*476.15*	
23 52 33 13-0027	EA	1,759.5 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN2072)	37,972.76	1,542.08
		For High And Low Gas Pressure Switch With Manual Reset, Add	*537.49*	
		For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	*476.15*	
23 52 33 13-0028		**Raypak Cupro-Nickel Finned-Tube Boiler With Pump** *(23 52 33 13)*		
		Note: Rated by gross rated output.		
23 52 33 13-0029	EA	385 MBH Water, Gas Fired, On/Off, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H4-399B)	13,793.67	806.95
23 52 33 13-0030	EA	420 MBH Water, Gas Fired, Two Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H3-499B)	14,848.28	726.99
23 52 33 13-0031	EA	546 MBH Water, Gas Fired, Two Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H3-649B)	16,529.65	872.38
23 52 33 13-0032	EA	630 MBH Water, Gas Fired, Two Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H3-749B)	17,540.00	990.35
23 52 33 13-0033	EA	756 MBH Water, Gas Fired, Two Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H3-899B)	19,483.71	1,090.47
23 52 33 13-0034	EA	832 MBH Water, Gas Fired, Two Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H3-989B)	20,958.78	1,173.75
23 52 33 13-0035	EA	1,058 MBH Water, Gas Fired, Three Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H8-1259B)	23,953.19	1,308.57
23 52 33 13-0036	EA	1,285 MBH Water, Gas Fired, Four Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H9-1529B)	27,880.25	1,381.27
23 52 33 13-0037	EA	1,512 MBH Water, Gas Fired, Four Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H9-1799B)	29,573.91	1,490.32
23 52 33 13-0038	EA	1,679 MBH Water, Gas Fired, Four Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H9-1999B)	35,440.07	1,526.67
23 52 33 13-0039	EA	1,739 MBH Water, Gas Fired, Four Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H9-2069B)	35,550.22	1,563.01
23 52 33 13-0040	EA	1,966 MBH Water, Gas Fired, Four Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H9-2339B)	41,675.31	1,599.37
23 52 33 16		**Steel Water-Tube Boilers** *(23 52 33)*		
23 52 33 16-0001		**Unilux 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler** *(23 52 33 16)*		
		Note: Compliant with SCAQMD.		
23 52 33 16-0002	EA	1,250 MBH Input/1,062 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux ZF100)	90,283.33	1,762.39
23 52 33 16-0003	EA	1,750 MBH Input/1.488 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux ZF150)	97,036.70	2,202.99
23 52 33 16-0004	EA	2,200 MBH Input/1,870 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux ZF200)	203,153.80	2,423.28
23 52 33 16-0005	EA	2,750 MBH Input/2,338 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux ZF250)	210,770.24	2,643.58
23 52 33 16-0006	EA	3,000 MBH Input/2,550 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux ZF300)	214,367.23	2,974.03

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 33 16-0007	EA	3,750 MBH Input/3,188 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux VZ350)	225,790.75	3,304.47
23 52 33 16-0008	EA	4,300 MBH Input/3,655 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux VZ400)	230,903.77	3,414.62

23 52 33 16-0009 Unilux 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler *(23 52 33 16)*

Note: Compliant with SCAQMD.

23 52 33 16-0010	EA	1,250 MBH, 31 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux ZF100LSG)	105,402.11	1,982.69
23 52 33 16-0011	EA	1,750 MBH, 43.5 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux ZF150LSG)	110,629.24	2,313.13
23 52 33 16-0012	EA	2,200 MBH, 54.5 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux ZF200LSG)	218,052.27	2,533.43
23 52 33 16-0013	EA	2,750 MBH, 68 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux ZF250LSG)	231,538.62	2,753.73
23 52 33 16-0014	EA	3,000 MBH, 74 HP,83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux ZF300LSG)	236,218.97	2,974.03
23 52 33 16-0015	EA	3,750 MBH, 93 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux ZF350LSG)	245,359.37	3,304.47
23 52 33 16-0016	EA	4,300 MBH, 106.5 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux ZF400LSG)	253,635.63	3,524.77
23 52 33 16-0017	EA	5,400 MBH, 134 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux ZF500LSG)	249,827.35	3,745.07
23 52 33 16-0018	EA	6,250 MBH, 155 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux ZF600LSG)	270,489.53	3,965.37
23 52 33 16-0019	EA	7,235 MBH, 179 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux ZF700LSG)	284,628.85	4,185.66
23 52 33 16-0020	EA	8,270 MBH, 205 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux ZF800LSG)	291,918.81	4,405.96

23 52 33 16-0021 Unilux 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler *(23 52 33 16)*

Note: Compliant with SCAQMD.

23 52 33 16-0022	EA	1,250 MBH, 31 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 100HS)	113,555.13	1,982.69
23 52 33 16-0023	EA	1,750 MBH, 43.5 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 150HS)	120,414.69	2,313.13
23 52 33 16-0024	EA	2,200 MBH, 54.5 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 200HS)	229,141.38	2,533.43
23 52 33 16-0025	EA	2,750 MBH, 68 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 250HS)	242,954.22	2,753.73
23 52 33 16-0026	EA	3,000 MBH, 74 HP,81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 300HS)	247,634.57	2,974.03
23 52 33 16-0027	EA	3,750 MBH, 93 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 350HS)	255,144.83	3,304.47
23 52 33 16-0028	EA	4,300 MBH, 106.5 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 400HS)	263,740.72	3,524.77
23 52 33 16-0029	EA	5,400 MBH, 134 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 500HS)	259,286.31	3,745.07
23 52 33 16-0030	EA	6,250 MBH, 155 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 600HS)	281,580.93	3,965.37
23 52 33 16-0031	EA	7,235 MBH, 179 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 700HS)	290,501.03	4,185.66
23 52 33 16-0032	EA	8,270 MBH, 205 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 800HS)	303,010.21	4,405.96
23 52 33 16-0033	EA	9,300 MBH, 230 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 900HS)	337,044.63	4,626.26
23 52 33 16-0034	EA	10,330 MBH, 256 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 1000HS)	488,006.76	4,846.56
23 52 33 16-0035	EA	12,400 MBH, 307 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 1200HS)	512,746.61	5,066.85

23 52 36 Fire-Box Boiler *(23 52)*

23 52 36 00-0001 Package Oil Fired Firebox Boilers *(23 52 36)*

Note: Prices are good for 15 PSI steam or 30 PSI water. Packaged type, complete with burner and all basic safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.) Normally required (Boiler HP) boiler sizes are based on HP rating and gross output.

23 52 36 00-0002	EA	40 HP, 1,339 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	91,530.91	2,868.31
23 52 36 00-0003	EA	46 HP, 1,553 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	95,681.12	3,107.33
23 52 36 00-0004	EA	53 HP, 1,784 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	100,165.11	3,346.36
23 52 36 00-0005	EA	61 HP, 2,062 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	108,321.24	3,585.37
23 52 36 00-0006	EA	69 HP, 2,313 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	113,139.03	3,824.40
23 52 36 00-0007	EA	80 HP, 2,678 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	117,873.52	4,063.42
23 52 36 00-0008	EA	100 HP, 3,348 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	131,137.21	4,302.45
23 52 36 00-0009	EA	127 HP, 4,251 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	151,772.59	4,780.50
23 52 36 00-0010	EA	151 HP, 5,055 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	172,758.55	5,258.55
23 52 36 00-0011	EA	183 HP, 6,126 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	189,524.05	5,796.36
23 52 36 00-0012	EA	220 HP, 7,388 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	206,289.67	6,334.16

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 36 00-0013	EA	257 HP, 8,606 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	216,786.84	7,409.78
23 52 36 00-0014	EA	294 HP, 9,842 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	264,255.42	8,485.39
23 52 36 00-0015	EA	368 HP, 12,302 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	312,892.40	9,561.01
23 52 36 00-0016	EA	441 HP, 14,766 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	362,018.86	10,756.12
23 52 36 00-0017	EA	514 HP, 17,220 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	410,046.92	11,652.47

23 53 Heating Boiler Feedwater Equipment *(23 50)*

23 53 13 Boiler Feedwater Pumps *(23 53)*

See CSI section 23 53 16 00-0001 for boiler feedwater units.

23 53 16 Deaerators *(23 53)*

23 53 16 00-0001 Boiler Feed System *(23 53 16)*

23 53 16 00-0002 Low Pressure Boiler Feed System *(23 53 16 00-0001)*

Note: With deaerator includes pumps and accessories.

23 53 16 00-0003	EA	20 HP, 200 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	7,083.41	1,376.62
23 53 16 00-0004	EA	34 HP, 340 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	7,651.88	1,621.80
23 53 16 00-0005	EA	54 HP, 530 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	8,217.41	1,678.61
23 53 16 00-0006	EA	67 HP, 660 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	8,480.19	1,740.21
23 53 16 00-0007	EA	78 HP, 760 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	8,974.19	1,859.81
23 53 16 00-0008	EA	104 HP, 1,020 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	14,323.65	2,015.29
23 53 16 00-0009	EA	158 HP, 1,550 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	16,157.27	2,152.84
23 53 16 00-0010	EA	219 HP, 2,150 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	18,521.99	2,451.84
23 53 16 00-0011	EA	254 HP, 2,500 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	20,380.31	2,631.24
23 53 16 00-0012	EA	305 HP, 3,000 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	21,956.85	2,810.65

23 53 16 00-0013 High Pressure Boiler Feed System *(23 53 16 00-0001)*

Note: With deaerator includes pumps and accessories.

23 53 16 00-0014	EA	10 HP, 100 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	9,806.63	1,173.66
23 53 16 00-0015	EA	20 HP, 200 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	10,222.50	1,376.62
23 53 16 00-0016	EA	34 HP, 340 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	11,378.92	1,621.80
23 53 16 00-0017	EA	54 HP, 530 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	12,295.45	1,678.61
23 53 16 00-0018	EA	67 HP, 660 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	12,511.05	1,740.21
23 53 16 00-0019	EA	78 HP, 760 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	15,094.35	1,859.81
23 53 16 00-0020	EA	104 HP, 1,020 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	19,629.13	2,015.29
23 53 16 00-0021	EA	158 HP, 1,550 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	20,138.43	2,152.84
23 53 16 00-0022	EA	183 HP, 1,800 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	22,151.35	2,305.45
23 53 16 00-0023	EA	219 HP, 2,150 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	23,836.26	2,451.84
23 53 16 00-0024	EA	254 HP, 2,500 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	25,498.96	2,631.24
23 53 16 00-0025	EA	305 HP, 3,000 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	27,508.82	2,810.65

23 53 16 00-0026 Boiler Feedwater System *(23 53 16)*

Note: With deaerator includes pumps and accessories.

23 53 16 00-0027	EA	1,380 Lb./Hour Feedwater System With Deaerator, Pumps, And Accessories	12,257.58	1,621.80
23 53 16 00-0028	EA	2,600 Lb./Hour Feedwater System With Deaerator, Pumps, And Accessories	15,976.52	1,858.02
23 53 16 00-0029	EA	4,300 Lb./Hour Feedwater System With Deaerator, Pumps, And Accessories	21,081.78	2,126.52
23 53 16 00-0030	EA	6,900 Lb./Hour Feedwater System With Deaerator, Pumps, And Accessories	25,359.85	2,453.04
23 53 16 00-0031	EA	8,500 Lb./Hour Feedwater System With Deaerator, Pumps, And Accessories	26,914.89	2,631.24
23 53 16 00-0032	EA	11,000 Lb./Hour Feedwater System With Deaerator, Pumps, And Accessories	28,394.53	2,810.65
23 53 16 00-0033	EA	13,800 Lb./Hour Feedwater System With Deaerator, Pumps, And Accessories	31,612.18	3,229.38
23 53 16 00-0034	EA	17,250 Lb./Hour Feedwater System With Deaerator, Pumps, And Accessories	40,879.67	3,707.90
23 53 16 00-0035	EA	20,700 Lb./Hour Feedwater System With Deaerator, Pumps, And Accessories	53,069.53	4,284.39
23 53 16 00-0036	EA	27,600 Lb./Hour Feedwater System With Deaerator, Pumps, And Accessories	67,183.76	4,918.04
23 53 16 00-0037	EA	34,500 Lb./Hour Feedwater System With Deaerator, Pumps, And Accessories	86,099.63	5,658.38

23 53 16 00-0038 Duplex Vacuum Condensate Pumps *(23 53 16)*

23 53 16 00-0039	EA	7 CFM, 15 GPM, 45 Gallon Duplex Vacuum Condensate Pump Note: Two 3/4 HP vacuum pumps rated for 7 CFM, two 3/4 HP condensate pumps rated for 15 GPM at 20 PSI and 45 GAL cast iron receiver. Skidmore JVC-7-45-102.	34,077.12	956.82
23 53 16 00-0040	EA	9 CFM, 30 GPM, 45 Gallon Duplex Vacuum Condensate Pump Note: Two 1 HP vacuum pumps rated for 9 CFM, two 3/4 HP condensate pumps rated for 30 GPM at 15 PSI and 45 GAL cast iron receiver. Skidmore JVC-9-45-201.5.	34,842.35	1,016.62
23 53 16 00-0041	EA	12 CFM, 45 GPM, 45 Gallon Duplex Vacuum Condensate Pump Note: Two 1-1/2 HP vacuum pumps rated for 12 CFM, two 1 HP condensate pumps rated for 45 GPM at 15 PSI and 45 GAL cast iron receiver. Skidmore JVC-12-45-301.5.	35,724.95	1,076.42
23 53 16 00-0042	EA	18 CFM, 37.5 GPM, 65 Gallon Duplex Vacuum Condensate Pump Note: Two 2 HP vacuum pumps rated for 18 CFM, two 1 HP condensate pumps rated for 37.5 GPM at 20 PSI and 65 GAL cast iron receiver. Skidmore JVC-18-65-252.	34,488.54	1,136.22
23 53 16 00-0043	EA	28 CFM, 60 GPM, 110 Gallon Duplex Vacuum Condensate Pump Note: Two 3 HP vacuum pumps rated for 28 CFM, two 1-1/2 HP condensate pumps rated for 60 GPM at 20 PSI and 110 GAL cast iron receiver. Skidmore JVC-28-110-402.	46,880.97	1,196.02
23 53 16 00-0044	EA	42 CFM, 75 GPM, 110 Gallon Duplex Vacuum Condensate Pump Note: Two 5 HP vacuum pumps rated for 42 CFM, two 2 HP condensate pumps rated for 75 GPM at 20 PSI and 110 GAL cast iron receiver. Skidmore JVC-42-110-502.	49,348.26	1,255.83

23 54 Furnaces *(23 50)*

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

Note: All units based on output. See CSI section 23 84 13 00-0000 for humidifiers.

23 54 13 Electric-Resistance Furnaces *(23 54)*

23 54 13 00-0001 Down Flow Multi-Speed Air Handler/Electric Furnace *(23 54 13)*

23 54 13 00-0002	EA	Up To 2 Ton Down Flow Multi-Speed Air Handler/Electric Furnace Note: Excludes cooling equipment.	1,270.96	120.46
23 54 13 00-0003	EA	>2 To 3.5 Ton Down Flow Multi-Speed Air Handler/Electric Furnace Note: Excludes cooling equipment.	1,678.54	150.58
23 54 13 00-0004	EA	>3.5 To 5 Ton Down Flow Multi-Speed Air Handler/Electric Furnace Note: Excludes cooling equipment.	2,170.65	180.71

23 54 13 00-0005 Up/Horizontal Flow Multi-Speed Air Handler/Electric Furnace *(23 54 13)*

23 54 13 00-0006	EA	Up To 2 Ton Up/Horizontal Flow Multi-Speed Air Handler/Electric Furnace Note: Excludes cooling equipment.	1,270.96	120.46
23 54 13 00-0007	EA	>2 To 2.5 Ton Up/Horizontal Flow Multi-Speed Air Handler/ Electric Furnace Note: Excludes cooling equipment.	1,519.66	135.52
23 54 13 00-0008	EA	>2.5 To 3 Ton Up/Horizontal Flow Multi-Speed Air Handler/ Electric Furnace Note: Excludes cooling equipment.	1,660.92	150.58
23 54 13 00-0009	EA	>3 to 3.5 Ton Up/Horizontal Flow Multi-Speed Air Handler/ Electric Furnace Note: Excludes cooling equipment.	1,738.77	165.65
23 54 13 00-0010	EA	>3.5 To 5 Ton Up/Horizontal Flow Multi-Speed Air Handler/ Electric Furnace Note: Excludes cooling equipment.	2,170.65	180.71

23 54 13 00-0011 Heating Coil For Air Handler/Electric Furnace *(23 54 13)*

23 54 13 00-0012	EA	5 KW Heating Coil For Air Handler/Electric Furnace	225.36	32.13
23 54 13 00-0013	EA	7 KW Heating Coil For Air Handler/Electric Furnace	257.57	35.34
23 54 13 00-0014	EA	10 KW Heating Coil For Air Handler/Electric Furnace	279.23	38.55
23 54 13 00-0015	EA	15 KW Heating Coil For Air Handler/Electric Furnace	380.16	41.76
23 54 13 00-0016	EA	20 KW Heating Coil For Air Handler/Electric Furnace	410.62	44.97

23 54 16 Fuel-Fired Furnaces *(23 54)*

23 54 16 13 Gas-Fired Furnaces *(23 54 16)*

23 54 16 13-0001 Natural Gas Fired Forced Air Furnaces *(23 54 16 13)*

Note: Excludes flue, condenser, evaporator coil, piping, thermostat, ductwork and electrical connections.

23 54 16 13-0002 Up/Horizontal Flow Multi-Speed, Two Stage 96% AFUE Gas Furnace *(23 54 16 13-0001)*

23 54 16 13-0003	EA	40 MBH, 800 CFM Up/Horizontal Flow Multi-Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,992.80	105.41
23 54 16 13-0004	EA	60 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	2,123.48	120.46
23 54 16 13-0005	EA	80 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	2,449.68	135.52
23 54 16 13-0006	EA	100 MBH. 1,600 CFM Up/Horizontal Flow Multi-Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	2,864.30	165.65
23 54 16 13-0007	EA	120 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	3,056.64	180.71

23 54 16 13-0008 Up/Horizontal Flow Variable Speed, Two Stage 95% AFUE Gas Furnace *(23 54 16 13-0001)*

23 54 16 13-0009	EA	40 MBH, 1,200 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	2,218.24	105.41
23 54 16 13-0010	EA	60 MBH, 1,200 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	2,429.96	120.46
23 54 16 13-0011	EA	80 MBH, 1,200 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	2,577.85	135.52
23 54 16 13-0012	EA	80 MBH, 1,600 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3.5 tons.	3,176.36	150.58
23 54 16 13-0013	EA	100 MBH, 2,000 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	3,042.20	165.65
23 54 16 13-0014	EA	120 MBH, 2,000 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	3,208.12	180.71

23 54 16 13-0015 Down Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace *(23 54 16 13-0001)*

23 54 16 13-0016	EA	45 MBH, 1,600 CFM Down Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	1,953.96	105.41
23 54 16 13-0017	EA	70 MBH, 1,600 CFM Down Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	2,243.18	120.46
23 54 16 13-0018	EA	90 MBH, 1,600 CFM Down Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	2,434.11	150.58
23 54 16 13-0019	EA	90 MBH, 2,000 CFM Down Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	2,600.02	165.65

23 54 16 13-0020 Down Flow Variable Speed, Two Stage 93% AFUE Gas Furnace *(23 54 16 13-0001)*

23 54 16 13-0021	EA	40 MBH, 1,200 CFM Down Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	2,563.47	105.41

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 54 16 13-0022	EA	60 MBH, 1,200 CFM Down Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	2,701.22	120.46
23 54 16 13-0023	EA	80 MBH, 1,600 CFM Down Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	3,008.04	135.52
23 54 16 13-0024	EA	100 MBH, 2,000 CFM Down Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	3,287.04	165.65
23 54 16 13-0025	EA	120 MBH, 2,000 CFM Down Flow Variable Speed, Two Stage 93% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	3,523.41	180.71
23 54 16 13-0026		Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace *(23 54 16 13-0001)*		
23 54 16 13-0027	EA	40 MBH, 800 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,777.89	105.41
23 54 16 13-0028	EA	60 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,875.12	120.46
23 54 16 13-0029	EA	80 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	2,092.12	135.52
23 54 16 13-0030	EA	80 MBH, 1,600 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	2,109.74	135.52
23 54 16 13-0031	EA	80 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	2,302.07	150.58
23 54 16 13-0032	EA	100 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	2,427.48	165.65
23 54 16 13-0033	EA	120 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	2,574.01	180.71
23 54 16 13-0034		Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace *(23 54 16 13-0001)*		
23 54 16 13-0035	EA	40 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,237.14	105.41
23 54 16 13-0036	EA	60 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,353.75	120.46
23 54 16 13-0037	EA	60 MBH, 1,600 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	1,547.84	135.52
23 54 16 13-0038	EA	80 MBH, 1,600 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	1,549.60	135.52
23 54 16 13-0039	EA	80 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	1,701.44	150.58
23 54 16 13-0040	EA	100 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	1,747.57	165.65
23 54 16 13-0041	EA	120 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	1,941.67	180.71
23 54 16 13-0042		Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace *(23 54 16 13-0001)*		
23 54 16 13-0043	EA	40 MBH, 1,200 CFM Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,254.75	105.41
23 54 16 13-0044	EA	60 MBH, 1,200 CFM Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,359.03	120.46
23 54 16 13-0045	EA	80 MBH, 1,600 CFM Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	1,627.11	135.52
23 54 16 13-0046	EA	100 MBH, 2,000 CFM Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	1,791.27	150.58
23 54 16 13-0047		75% AFUE Gas Wall/Recessed Furnace *(23 54 16 13-0001)*		
23 54 16 13-0048	EA	35 MBH 75% AFUE Electronic Ignition Gas Wall/Recessed Furnace	2,124.47	90.35
23 54 16 13-0049	EA	55 MBH 75% AFUE Electronic Ignition Gas Wall/Recessed Furnace	2,452.61	112.99
23 54 16 13-0050	EA	35 MBH 75% AFUE Gas Wall/Recessed Furnace	1,921.91	90.35
23 54 16 13-0051	EA	40 MBH 75% AFUE Gas Wall/Recessed Furnace	2,054.19	97.94
23 54 16 13-0052	EA	50 MBH 75% AFUE Gas Wall/Recessed Furnace	2,036.75	105.41
23 54 16 13-0053	EA	65 MBH 75% AFUE Gas Wall/Recessed Furnace	2,098.66	112.99
23 54 16 13-0054	EA	75 MBH 75% AFUE Gas Wall/Recessed Furnace	2,172.77	112.99
23 54 16 13-0055		Gas Fired Indoor Duct Furnace *(23 54 16 13-0001)* Note: Includes burner, controls and electronic ignition.		
23 54 16 13-0056		Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace *(23 54 16 13-0055)*		
23 54 16 13-0057	EA	100 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	2,805.93	234.91
23 54 16 13-0058	EA	150 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	3,120.77	289.12
23 54 16 13-0059	EA	200 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	3,527.09	415.61
23 54 16 13-0060	EA	250 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	3,977.96	469.82
23 54 16 13-0061	EA	300 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	4,637.50	542.11
23 54 16 13-0062	EA	350 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	5,086.66	650.52
23 54 16 13-0063	EA	400 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	5,780.97	867.37
23 54 16 13-0064		Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace *(23 54 16 13-0055)* Note: Includes burner, controls and electronic ignition.		
23 54 16 13-0065	EA	100 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	3,147.70	234.91

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 54 16 13-0066	EA	150 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	3,457.43	289.12
23 54 16 13-0067	EA	200 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	3,989.58	415.61
23 54 16 13-0068	EA	250 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	4,523.76	469.82
23 54 16 13-0069	EA	300 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	5,579.48	542.11
23 54 16 13-0070	EA	350 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	6,108.56	650.52
23 54 16 13-0071	EA	400 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	6,746.74	867.37

23 54 16 13-0072 Natural Gas Fired Forced Air Furnaces *(23 54 16 13)*

Note: Excludes flue, condenser, evaporator coil, piping, ductwork and electrical connections.

23 54 16 13-0073 70% AFUE Gas Wall/Recessed Furnace *(23 54 16 13-0072)*

23 54 16 13-0074	EA	25 MBH 70% AFUE Gas Wall/Recessed Furnace (Williams 2509622A) Note: Includes millivolt thermostate (P322016)	1,586.90	240.94
		For 100 CFM, Automatic Blower Option (Williams 2901), Add	*318.60*	
		For 125 CFM, Automatic Blower Option (Williams 2907), Add	*376.17*	
		For Rear Outlet Register Option (Williams 6901), Add	*82.94*	
		For Starter Kit Option (Williams 9929), Add *Note: Includes a hold down plate, two spacer plates, a oval to round adapter, and two 4" oval pipes that are two feet in length.*	*389.30*	
		For Freestanding Installation Kit Option (Williams 4901), Add *Note: For single-sided furnaces to be surface mounted rather than recessed into the wall.*	*448.06*	
23 54 16 13-0075	EA	35 MBH 70% AFUE Gas Wall/Recessed Furnace (Williams 3509622A) Note: Includes millivolt thermostate (P322016)	1,702.08	261.01
		For 100 CFM, Automatic Blower Option (Williams 2901), Add	*318.60*	
		For 125 CFM, Automatic Blower Option (Williams 2907), Add	*376.17*	
		For Rear Outlet Register Option (Williams 6901), Add	*82.94*	
		For Starter Kit Option (Williams 9929), Add *Note: Includes a hold down plate, two spacer plates, a oval to round adapter, and two 4" oval pipes that are two feet in length.*	*389.30*	
		For Freestanding Installation Kit Option (Williams 4901), Add *Note: For single-sided furnaces to be surface mounted rather than recessed into the wall.*	*448.06*	
23 54 16 13-0076	EA	50 MBH 70% AFUE Gas Wall/Recessed Furnace (Williams 5009622A) Note: Includes millivolt thermostate (P322016)	2,191.54	281.09
		For 100 CFM, Automatic Blower Option (Williams 2901), Add	*318.60*	
		For 125 CFM, Automatic Blower Option (Williams 2907), Add	*376.17*	
		For Rear Outlet Register Option (Williams 6901), Add	*82.94*	
		For Starter Kit Option (Williams 9929), Add *Note: Includes a hold down plate, two spacer plates, a oval to round adapter, and two 4" oval pipes that are two feet in length.*	*389.30*	
		For Freestanding Installation Kit Option (Williams 4901), Add *Note: For single-sided furnaces to be surface mounted rather than recessed into the wall.*	*448.06*	

23 54 16 16 Oil-Fired Furnaces *(23 54 16)*

23 54 16 16-0001 Oil Fired Forced Air Furnaces *(23 54 16 16)*

Note: Excludes flue, condenser, evaporator coil, piping, thermostat, ductwork and electrical connections.

23 54 16 16-0002 Up Flow Single Speed, One Stage 81% AFUE Oil Furnace *(23 54 16 16-0001)*

23 54 16 16-0003	EA	72 MBH, 1,220 CFM Up Flow Single Speed, One Stage 84% AFUE Oil Furnace Note: Blower cooling capacity up to 3 tons.	3,426.91	120.46
23 54 16 16-0004	EA	95 MBH, 1,590 CFM Up Flow Single Speed, One Stage 83% AFUE Oil Furnace Note: Blower cooling capacity up to 4 tons.	3,646.36	165.65
23 54 16 16-0005	EA	126 MBH, 1,835 CFM Up Flow Single Speed, One Stage 83% AFUE Oil Furnace Note: Blower cooling capacity up to 5 tons.	4,208.94	195.76

23 54 16 16-0006 Down/Horizontal Flow Single Speed, One Stage 81% AFUE Oil Furnace *(23 54 16 16-0001)*

23 54 16 16-0007	EA	95 MBH, 1,210 CFM Down/Horizontal Flow Single Speed, One Stage 83% AFUE Oil Furnace Note: Blower cooling capacity up to 3 tons.	3,973.98	165.65
23 54 16 16-0008	EA	126 MBH, 2,005 CFM Down/Horizontal Flow Single Speed, One Stage 84% AFUE Oil Furnace Note: Blower cooling capacity up to 5 tons.	4,009.90	195.76

23 54 16 16-0009 Up Flow Lowboy Single Speed, One Stage 81% AFUE Oil Furnace *(23 54 16 16-0001)*

23 54 16 16-0010	EA	95 MBH, 1,550 CFM Up Flow Lowboy Single Speed, One Stage 83% AFUE Oil Furnace Note: Blower cooling capacity up to 4 tons.	3,438.52	165.65
23 54 16 16-0011	EA	127 MBH, 2,130 CFM Up Flow Lowboy Single Speed, One Stage 83% AFUE Oil Furnace Note: Blower cooling capacity up to 5 tons.	4,082.11	195.76

23 54 19 Furnace Accessories *(23 54)*

23 54 19 00-0001	EA	LP Gas Furnace Conversion Kit	213.48	30.12
23 54 19 00-0002	EA	1" Furnace External Filter Rack	65.25	
23 54 19 00-0003	EA	Removal And Reinstallation Of Forced Air Furnace Note: Includes storage and cleaning. Excludes ductwork.	557.72	

23 55 Fuel-Fired Heaters *(23 50)*

23 55 23 Gas-Fired Radiant Heaters *(23 55)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 55 23 13		**Low-Intensity Gas-Fired Radiant Heaters** *(23 55 23)*		
23 55 23 13-0001		Infrared Heaters-Radiant Energy *(23 55 23 13)*		
		Note: For spot localized or total heating, ceiling hung units, no fan required.		
23 55 23 13-0002		Gas Fired Electric Ignition Infrared Gas Heater *(23 55 23 13-0001)*		
		Note: Ceramic combustion, surface chromized wire screen aluminized steel housing and polished aluminum reflector.		
23 55 23 13-0003	EA	15,000 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan	1,003.78	119.60
23 55 23 13-0004	EA	37,500 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan	1,109.32	131.56
23 55 23 13-0005	EA	50,000 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan	1,186.23	131.56
23 55 23 13-0006	EA	75,000 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan	1,487.55	157.88
23 55 23 13-0007	EA	100,000 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan	1,500.51	157.88
23 55 23 13-0008		Rolled Steel Or Aluminum Housing Infrared Electric Heater *(23 55 23 13-0001)*		
		Note: Anodized aluminum reflector and quartz/tungsten tubular element with an inner heavy-duty coiled element.		
23 55 23 13-0009	EA	1,000 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required	1,135.47	132.51
		For Stainless Steel Housing, Add	*183.48*	
23 55 23 13-0010	EA	3,200 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required	1,214.51	132.51
		For Stainless Steel Housing, Add	*203.24*	
23 55 23 13-0011	EA	5,000 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required	1,304.84	132.51
		For Stainless Steel Housing, Add	*225.82*	
23 55 23 13-0012	EA	7,300 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required	1,413.43	132.51
		For Stainless Steel Housing, Add	*252.97*	
23 55 23 13-0013	EA	10,950 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required	1,543.14	144.56
		For Stainless Steel Housing, Add	*281.88*	
23 55 23 13-0014	EA	13,500 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required	1,648.34	156.60
		For Stainless Steel Housing, Add	*303.56*	
23 55 23 13-0015	EA	24,000 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required	2,650.63	168.66
		For Stainless Steel Housing, Add	*542.08*	
23 55 23 13-0016		Gas Fired Tubular Infrared Heater *(23 55 23 13-0001)*		
		Note: Per Tube Length. Includes controls and supports.		
23 55 23 13-0017		"U" Package *(23 55 23 13-0016)*		
23 55 23 13-0018	LF	Up To 75 MBH Input Radiant Heater	96.94	5.98
23 55 23 13-0019	LF	76 To 105 MBH Input Radiant Heater	111.82	7.18
23 55 23 13-0020	LF	106 To 130 MBH Input Radiant Heater	136.78	8.37
23 55 23 13-0021		"S" Straight Package *(23 55 23 13-0016)*		
23 55 23 13-0022	LF	Up To 75 MBH Input Radiant Heater	78.75	4.78
23 55 23 13-0023	LF	76 To 105 MBH Input Radiant Heater	100.33	5.98
23 55 23 13-0024	LF	106 To 130 MBH Input Radiant Heater	121.90	7.18
23 55 33		**Fuel-Fired Unit Heaters** *(23 55)*		
23 55 33 00-0001		Oil-Fired Unit Heaters *(23 55 33)*		
23 55 33 00-0002		Oil Fired Unit Heater *(23 55 33 00-0001)*		
23 55 33 00-0003		Horizontal Fan Propelled Oil Fired Unit Heater, 115 Voltl, 1 phase *(23 55 33 00-0002)*		
23 55 33 00-0004	EA	97 MBH Output, 2,000 CFM Oil Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	6,310.23	550.74
		For 3 Phase, 460 Volt, Add	*671.93*	
23 55 33 00-0005	EA	142 MBH Output, 3,200 CFM Oil Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	6,777.44	605.82
		For 3 Phase, 460 Volt, Add	*718.01*	
23 55 33 00-0006	EA	188 MBH Output, 3,200 CFM Oil Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	7,285.51	660.89
		For 3 Phase, 460 Volt, Add	*769.29*	
23 55 33 00-0007		Gas-Fired Unit Heaters *(23 55 33)*		
23 55 33 00-0008		Removal And Reinstallation Of Unit Heaters *(23 55 33 00-0007)*		
		Note: Includes disconnection/reconnection of power and piping, storage, cleaning and reinstallation. Excludes removal and reinstallation of equipment supports.		
23 55 33 00-0009	EA	Removal And Reinstallation Of Up To 101.3 MBH Output Gas or Oil Unit Heater	687.71	
23 55 33 00-0010	EA	Removal And Reinstallation Of >101.3 MBH Output Gas or Oil Unit Heater	926.92	
23 55 33 00-0011		Gas Fired Unit Heaters *(23 55 33 00-0007)*		
23 55 33 00-0012		Horizontal Fan Propelled Natural Gas Fired Unit Heaters, 115 Vol, 1 phase *(23 55 33 00-0011)*		
		Note: 80 to 83 percent thermal efficiency, single stage, propeller unit, aluminum steel heat exchanger		
23 55 33 00-0013	EA	24.3 MBH Output, 30 MBH Input, 500 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	2,876.04	206.53
		For 90 Percent Efficiency, Add	*825.11*	
		For Stainless Steel Heat Exchanger, Add	*215.51*	
		For 30 Degree, Downward Air Deflection Hood, Add	*59.11*	
		For 60 Degree, Downward Air Deflection Hood, Add	*94.83*	
		For 90 Degree, Downward Air Deflection Hood, Add	*141.62*	
		For 3 Phase, 460 Volt, Add	*317.73*	
		For Quick-Swivel Flush Mount With Brackets, Add	*175.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 55 33 00-0014	EA	36.5 MBH Output, 45 MBH Input, 750 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	3,127.92	247.84
		For 90 Percent Efficiency, Add	*881.82*	
		For Stainless Steel Heat Exchanger, Add	*230.33*	
		For 30 Degree, Downward Air Deflection Hood, Add	*63.17*	
		For 60 Degree, Downward Air Deflection Hood, Add	*101.34*	
		For 90 Degree, Downward Air Deflection Hood, Add	*151.36*	
		For 3 Phase, 460 Volt, Add	*339.57*	
		For Quick-Swivel Flush Mount With Brackets, Add	*175.00*	
23 55 33 00-0015	EA	48.6 MBH Output, 60 MBH Input, 1,000 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	3,179.51	247.84
		For Blower Unit Model, Add	*254.97*	
		For 90 Percent Efficiency, Add	*899.10*	
		For Stainless Steel Heat Exchanger, Add	*234.84*	
		For 30 Degree, Downward Air Deflection Hood, Add	*64.41*	
		For 60 Degree, Downward Air Deflection Hood, Add	*103.33*	
		For 90 Degree, Downward Air Deflection Hood, Add	*154.32*	
		For 3 Phase, 460 Volt, Add	*346.22*	
		For Quick-Swivel Flush Mount With Brackets, Add	*175.00*	
23 55 33 00-0016	EA	60.8 MBH Output, 75 MBH Input, 1,250 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	3,456.22	289.14
		For Blower Unit Model, Add	*273.41*	
		For 90 Percent Efficiency, Add	*964.11*	
		For Stainless Steel Heat Exchanger, Add	*251.82*	
		For 30 Degree, Downward Air Deflection Hood, Add	*69.07*	
		For 60 Degree, Downward Air Deflection Hood, Add	*110.80*	
		For 90 Degree, Downward Air Deflection Hood, Add	*165.48*	
		For 3 Phase, 460 Volt, Add	*371.26*	
		For Quick-Swivel Flush Mount With Brackets, Add	*175.00*	
23 55 33 00-0017	EA	72.9 MBH Output, 90 MBH Input, 1,400 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	3,790.66	330.45
		For Blower Unit Model, Add	*297.33*	
		For 90 Percent Efficiency, Add	*1,048.49*	
		For Stainless Steel Heat Exchanger, Add	*273.86*	
		For 30 Degree, Downward Air Deflection Hood, Add	*75.12*	
		For 60 Degree, Downward Air Deflection Hood, Add	*120.50*	
		For 90 Degree, Downward Air Deflection Hood, Add	*179.96*	
		For 3 Phase, 460 Volt, Add	*403.75*	
		For Quick-Swivel Flush Mount With Brackets, Add	*175.00*	
23 55 33 00-0018	EA	81 MBH Output, 100 MBH Input, 1,600 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	4,071.44	351.10
		For Blower Unit Model, Add	*320.08*	
		For 90 Percent Efficiency, Add	*1,128.72*	
		For Stainless Steel Heat Exchanger, Add	*294.81*	
		For 30 Degree, Downward Air Deflection Hood, Add	*80.86*	
		For 60 Degree, Downward Air Deflection Hood, Add	*129.72*	
		For 90 Degree, Downward Air Deflection Hood, Add	*193.74*	
		For 3 Phase, 460 Volt, Add	*434.64*	
		For Quick-Swivel Flush Mount With Brackets, Add	*175.00*	
23 55 33 00-0019	EA	101.3 MBH Output, 125 MBH Input, 2,200 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	4,201.52	351.10
		For Blower Unit Model, Add	*332.44*	
		For 90 Percent Efficiency, Add	*1,172.30*	
		For Stainless Steel Heat Exchanger, Add	*306.20*	
		For 30 Degree, Downward Air Deflection Hood, Add	*83.99*	
		For 60 Degree, Downward Air Deflection Hood, Add	*134.73*	
		For 90 Degree, Downward Air Deflection Hood, Add	*201.21*	
		For 3 Phase, 460 Volt, Add	*451.42*	
		For Quick-Swivel Flush Mount With Brackets, Add	*175.00*	
23 55 33 00-0020	EA	121.5 MBH Output, 150 MBH Input, 2,400 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	4,320.31	351.10
		For Blower Unit Model, Add	*343.73*	
		For 90 Percent Efficiency, Add	*1,212.09*	
		For Stainless Steel Heat Exchanger, Add	*316.59*	
		For 30 Degree, Downward Air Deflection Hood, Add	*86.84*	
		For 60 Degree, Downward Air Deflection Hood, Add	*139.30*	
		For 90 Degree, Downward Air Deflection Hood, Add	*208.05*	
		For 3 Phase, 460 Volt, Add	*466.75*	
		For Quick-Swivel Flush Mount With Brackets, Add	*175.00*	
23 55 33 00-0021	EA	141.8 MBH Output, 175 MBH Input, 2,850 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	4,905.54	371.75
		For Blower Unit Model, Add	*395.40*	
		For 90 Percent Efficiency, Add	*1,394.30*	
		For Stainless Steel Heat Exchanger, Add	*364.18*	
		For 30 Degree, Downward Air Deflection Hood, Add	*99.89*	
		For 60 Degree, Downward Air Deflection Hood, Add	*160.24*	
		For 90 Degree, Downward Air Deflection Hood, Add	*239.32*	
		For 3 Phase, 460 Volt, Add	*536.91*	
		For Quick-Swivel Flush Mount With Brackets, Add	*175.00*	
23 55 33 00-0022	EA	162 MBH Output, 200 MBH Input, 3,200 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	5,413.41	371.75
		For Blower Unit Model, Add	*443.65*	
		For 90 Percent Efficiency, Add	*1,564.44*	
		For Stainless Steel Heat Exchanger, Add	*408.62*	
		For 30 Degree, Downward Air Deflection Hood, Add	*112.08*	
		For 60 Degree, Downward Air Deflection Hood, Add	*179.79*	
		For 90 Degree, Downward Air Deflection Hood, Add	*268.52*	
		For 3 Phase, 460 Volt, Add	*602.42*	
		For Quick-Swivel Flush Mount With Brackets, Add	*175.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 55 33 00-0023	EA	202.5 MBH Output, 250 MBH Input, 3,450 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	5,834.57	371.75
		For Blower Unit Model, Add	*483.66*	
		For 90 Percent Efficiency, Add	*1,705.53*	
		For Stainless Steel Heat Exchanger, Add	*445.47*	
		For 30 Degree, Downward Air Deflection Hood, Add	*122.19*	
		For 60 Degree, Downward Air Deflection Hood, Add	*196.01*	
		For 90 Degree, Downward Air Deflection Hood, Add	*292.74*	
		For 3 Phase, 460 Volt, Add	*656.75*	
		For Quick-Swivel Flush Mount With Brackets, Add	*175.00*	
23 55 33 00-0024	EA	243 MBH Output, 300 MBH Input, 5,000 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	7,003.26	413.06
		For Blower Unit Model, Add	*586.82*	
		For 90 Percent Efficiency, Add	*2,069.32*	
		For Stainless Steel Heat Exchanger, Add	*540.49*	
		For 30 Degree, Downward Air Deflection Hood, Add	*148.25*	
		For 60 Degree, Downward Air Deflection Hood, Add	*237.82*	
		For 90 Degree, Downward Air Deflection Hood, Add	*355.18*	
		For 3 Phase, 460 Volt, Add	*796.84*	
		For Quick-Swivel Flush Mount With Brackets, Add	*175.00*	
23 55 33 00-0025	EA	283.5 MBH Output, 350 MBH Input, 5,600 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	7,957.07	413.06
		For Blower Unit Model, Add	*677.43*	
		For 90 Percent Efficiency, Add	*2,388.84*	
		For Stainless Steel Heat Exchanger, Add	*623.95*	
		For 30 Degree, Downward Air Deflection Hood, Add	*171.14*	
		For 60 Degree, Downward Air Deflection Hood, Add	*274.54*	
		For 90 Degree, Downward Air Deflection Hood, Add	*410.03*	
		For 3 Phase, 460 Volt, Add	*919.88*	
		For Quick-Swivel Flush Mount With Brackets, Add	*175.00*	
23 55 33 00-0026	EA	324 MBH Output, 400 MBH Input, 5,800 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	8,526.83	454.37
		For Blower Unit Model, Add	*723.72*	
		For 90 Percent Efficiency, Add	*2,552.06*	
		For Stainless Steel Heat Exchanger, Add	*666.58*	
		For 30 Degree, Downward Air Deflection Hood, Add	*182.83*	
		For 60 Degree, Downward Air Deflection Hood, Add	*293.30*	
		For 90 Degree, Downward Air Deflection Hood, Add	*438.04*	
		For 3 Phase, 460 Volt, Add	*982.73*	
		For Quick-Swivel Flush Mount With Brackets, Add	*175.00*	

23 57 Heat Exchangers for HVAC *(23 50)*

23 57 13 Steam-To-Steam Heat Exchangers *(23 57)*

23 57 13 00-0001 Steam Generator Heat Exchanger *(23 57 13)*

Note: 35 PSI generated steam using 180 degree feed water; 400 degree F water to valve.

23 57 13 00-0002	EA	75 Lb./Hour Steam Generator Heat Exchanger, 35 PSI	22,554.49	1,913.63
23 57 13 00-0003	EA	300 Lb./Hour Steam Generator Heat Exchanger, 35 PSI	30,506.39	2,033.24
23 57 13 00-0004	EA	525 Lb./Hour Steam Generator Heat Exchanger, 35 PSI	41,160.70	2,524.64

23 57 16 Steam-To-Water Heat Exchangers *(23 57)*

23 57 16 00-0001 Heat Exchanger, Hot Water 40 To 180 Degree By Steam 10 PSI *(23 57 16)*

Note: Cast iron head steel shell 4 pass 3/4" outside diameter copper tubes. Excludes controls expansion tank and accessories.

23 57 16 00-0002	EA	8 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	2,628.59	299.01
		For Bronze Head And Tube Sheet, Add	*1,003.46*	
		For Copper Nickel Tubes, Add	*222.99*	
		For Double Wall Tube Bundles, Add	*334.49*	
23 57 16 00-0003	EA	10 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	3,855.13	299.01
		For Bronze Head And Tube Sheet, Add	*1,519.52*	
		For Copper Nickel Tubes, Add	*337.67*	
		For Double Wall Tube Bundles, Add	*506.51*	
23 57 16 00-0004	EA	40 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	5,822.37	418.61
		For Bronze Head And Tube Sheet, Add	*2,350.96*	
		For Copper Nickel Tubes, Add	*522.44*	
		For Double Wall Tube Bundles, Add	*783.65*	
23 57 16 00-0005	EA	64 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	9,159.99	418.61
		For Bronze Head And Tube Sheet, Add	*3,583.79*	
		For Copper Nickel Tubes, Add	*796.40*	
		For Double Wall Tube Bundles, Add	*1,194.60*	
23 57 16 00-0006	EA	96 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	12,071.17	492.77
		For Bronze Head And Tube Sheet, Add	*4,759.27*	
		For Copper Nickel Tubes, Add	*1,057.62*	
		For Double Wall Tube Bundles, Add	*1,586.42*	
23 57 16 00-0007	EA	120 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	15,876.35	625.87
		For Bronze Head And Tube Sheet, Add	*6,250.12*	
		For Copper Nickel Tubes, Add	*1,388.92*	
		For Double Wall Tube Bundles, Add	*2,083.37*	
23 57 16 00-0008	EA	168 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	19,594.38	939.39
		For Bronze Head And Tube Sheet, Add	*7,654.97*	
		For Copper Nickel Tubes, Add	*1,701.10*	
		For Double Wall Tube Bundles, Add	*2,551.66*	
23 57 16 00-0009	EA	240 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	29,733.27	939.39
		For Bronze Head And Tube Sheet, Add	*11,926.84*	
		For Copper Nickel Tubes, Add	*2,650.41*	
		For Double Wall Tube Bundles, Add	*3,975.61*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 57 19 Liquid-To-Liquid Heat Exchangers *(23 57)*

23 57 19 19 Copper Tube, Water-To-Water Heat Exchanger *(23 57 19)*

23 57 19 19-0001 Heat Exchanger Hot Water 40-140 Degree By Water At 200 Degree F *(23 57 19 19)*

Note: Cast iron head steel shell 4 pass 3/4" outside diameter copper tubes.

23 57 19 19-0002	EA	7 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	3,138.29	299.01
		For Copper Nickel Tubes, Add	*273.96*	
		For Double Wall Tube Bundles, Add	*410.94*	
23 57 19 19-0003	EA	16 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	4,364.83	299.01
		For Copper Nickel Tubes, Add	*388.64*	
		For Double Wall Tube Bundles, Add	*582.96*	
23 57 19 19-0004	EA	34 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	6,523.20	418.61
		For Copper Nickel Tubes, Add	*592.52*	
		For Double Wall Tube Bundles, Add	*888.78*	
23 57 19 19-0005	EA	55 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	9,334.72	418.61
		For Copper Nickel Tubes, Add	*853.74*	
		For Double Wall Tube Bundles, Add	*1,280.61*	
23 57 19 19-0006	EA	74 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	11,552.46	478.41
		For Copper Nickel Tubes, Add	*1,051.24*	
		For Double Wall Tube Bundles, Add	*1,576.87*	
23 57 19 19-0007	EA	86 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	15,402.98	478.41
		For Copper Nickel Tubes, Add	*1,414.40*	
		For Double Wall Tube Bundles, Add	*2,121.60*	
23 57 19 19-0008	EA	112 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	19,104.05	469.70
		For Copper Nickel Tubes, Add	*1,758.44*	
		For Double Wall Tube Bundles, Add	*2,637.67*	
23 57 19 19-0009	EA	126 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	23,762.08	469.70
		For Copper Nickel Tubes, Add	*2,191.68*	
		For Double Wall Tube Bundles, Add	*3,287.53*	
23 57 19 19-0010	EA	152 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	30,381.67	469.70
		For Copper Nickel Tubes, Add	*2,803.32*	
		For Double Wall Tube Bundles, Add	*4,204.98*	

23 57 19 23 Refrigerant-To-Water Heat Exchanger *(23 57 19)*

23 57 19 23-0001 Heat Exchanger Refrigerant To Water *(23 57 19 23)*

23 57 19 23-0002	EA	10 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube	3,545.10	239.21
		For Copper Nickel Tubes, Add	*306.67*	
		For Double Wall Tube Bundles, Add	*460.00*	
23 57 19 23-0003	EA	53 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube	9,470.47	398.64
		For Copper Nickel Tubes, Add	*867.31*	
		For Double Wall Tube Bundles, Add	*1,300.97*	
23 57 19 23-0004	EA	70 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube	12,763.10	520.03
		For Copper Nickel Tubes, Add	*1,172.49*	
		For Double Wall Tube Bundles, Add	*1,758.73*	
23 57 19 23-0005	EA	87 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube	13,683.88	629.46
		For Copper Nickel Tubes, Add	*1,242.76*	
		For Double Wall Tube Bundles, Add	*1,864.13*	
23 57 19 23-0006	EA	105 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube	16,510.26	746.00
		For Copper Nickel Tubes, Add	*1,499.42*	
		For Double Wall Tube Bundles, Add	*2,249.13*	

23 60 Central Cooling Equipment *(23)*

Note: Where required, mechanical equipment excludes electrical connection, disconnect, or starter unless title states otherwise. See CSI section 26 05 19 16-0011 for electrical connection and termination, 26 05 83 00-0110 for terminations, 26 28 16 16-0001 for disconnect.

23 61 Refrigerant Compressors *(23 60)*

23 61 16 Reciprocating Refrigerant Compressors *(23 61)*

23 61 16 00-0001 Reciprocating Open Type Refrigerant Compressors *(23 61 16)*

Note: Includes manual reversible oil pump and automatic pressure regulator. Excludes muffler, vibration isolators, crank case oil heaters, couplings and flywheel.

23 61 16 00-0002	EA	1/4 Ton Refrigerant Compressor, Reciprocating Open Type	932.15	113.38
23 61 16 00-0003	EA	1/3 Ton Refrigerant Compressor, Reciprocating Open Type	1,126.73	113.38
23 61 16 00-0004	EA	1/2 Ton Refrigerant Compressor, Reciprocating Open Type	1,540.16	141.68
23 61 16 00-0005	EA	3/4 Ton Refrigerant Compressor, Reciprocating Open Type	1,941.49	141.68
23 61 16 00-0006	EA	1 Ton Refrigerant Compressor, Reciprocating Open Type	2,184.72	141.68
23 61 16 00-0007	EA	1-1/4 Ton Refrigerant Compressor, Reciprocating Open Type	2,210.23	147.41
23 61 16 00-0008	EA	1-1/2 Ton Refrigerant Compressor, Reciprocating Open Type	2,224.42	147.41
23 61 16 00-0009	EA	1-3/4 Ton Refrigerant Compressor, Reciprocating Open Type	2,445.75	158.74
23 61 16 00-0010	EA	2 Ton Refrigerant Compressor, Reciprocating Open Type	2,630.58	170.09
23 61 16 00-0011	EA	2-1/2 Ton Refrigerant Compressor, Reciprocating Open Type	2,872.16	181.42
23 61 16 00-0012	EA	3 Ton Refrigerant Compressor, Reciprocating Open Type	3,289.71	181.42
23 61 16 00-0013	EA	3-1/2 Ton Refrigerant Compressor, Reciprocating Open Type	3,701.54	192.75
23 61 16 00-0014	EA	4 Ton Refrigerant Compressor, Reciprocating Open Type	3,772.89	204.10
23 61 16 00-0015	EA	4-1/2 Ton Refrigerant Compressor, Reciprocating Open Type	3,832.83	209.72
23 61 16 00-0016	EA	5 Ton Refrigerant Compressor, Reciprocating Open Type	5,195.52	1,097.85
23 61 16 00-0017	EA	7.5 Ton Refrigerant Compressor, Reciprocating Open Type	8,132.80	1,254.62

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 61 16 00-0018	EA	10 Ton Refrigerant Compressor, Reciprocating Open Type	11,070.25	1,411.52
23 61 16 00-0019	EA	12.5 Ton Refrigerant Compressor, Reciprocating Open Type	14,878.92	1,529.04
23 61 16 00-0020	EA	15 Ton Refrigerant Compressor, Reciprocating Open Type	18,687.94	1,646.77
23 61 16 00-0021	EA	20 Ton Refrigerant Compressor, Reciprocating Open Type	22,425.53	1,976.12
23 61 16 00-0022	EA	25 Ton Refrigerant Compressor, Reciprocating Open Type	27,175.62	2,123.95
23 61 16 00-0023	EA	30 Ton Refrigerant Compressor, Reciprocating Open Type	31,748.57	2,245.60
23 61 16 00-0024	EA	50 Ton Refrigerant Compressor, Reciprocating Open Type	41,910.03	2,533.52
23 61 16 00-0025	EA	60 Ton Refrigerant Compressor, Reciprocating Open Type	49,712.42	2,599.96
23 61 16 00-0026	EA	70 Ton Refrigerant Compressor, Reciprocating Open Type	62,648.03	2,666.30
23 61 16 00-0027	EA	75 Ton Refrigerant Compressor, Reciprocating Open Type	65,870.33	2,699.58
23 61 16 00-0028	EA	80 Ton Refrigerant Compressor, Reciprocating Open Type	68,955.98	2,732.74
23 61 16 00-0029	EA	90 Ton Refrigerant Compressor, Reciprocating Open Type	74,728.91	2,799.08
23 61 16 00-0030	EA	100 Ton Refrigerant Compressor, Reciprocating Open Type	79,963.39	2,865.63
23 61 16 00-0031	EA	110 Ton Refrigerant Compressor, Reciprocating Open Type	85,449.87	3,305.60
23 61 16 00-0032	EA	120 Ton Refrigerant Compressor, Reciprocating Open Type	89,612.50	3,379.58
23 61 16 00-0033	EA	130 Ton Refrigerant Compressor, Reciprocating Open Type	93,192.13	3,422.60
23 61 16 00-0034	EA	140 Ton Refrigerant Compressor, Reciprocating Open Type	96,325.86	3,528.49
23 61 16 00-0035	EA	150 Ton Refrigerant Compressor, Reciprocating Open Type	98,874.89	3,602.46
23 61 16 00-0036	EA	175 Ton Refrigerant Compressor, Reciprocating Open Type	101,460.18	3,701.18
23 61 16 00-0037	EA	185 Ton Refrigerant Compressor, Reciprocating Open Type	103,956.02	3,740.98
23 61 16 00-0038	EA	200 Ton Refrigerant Compressor, Reciprocating Open Type	106,486.29	3,802.89
23 61 16 00-0039	EA	225 Ton Refrigerant Compressor, Reciprocating Open Type	109,322.63	4,059.36
23 61 16 00-0040	EA	250 Ton Refrigerant Compressor, Reciprocating Open Type	112,097.84	4,278.19

23 61 16 00-0041 Reciprocating Hermetic Type Refrigerant Compressors *(23 61 16)*

Note: Includes automatic reversible oil pump, suction and discharge shut-off valves, device for loading and unloading compressor cylinders and crank case oil heater. Excludes mufflers and vibration isolators.

23 61 16 00-0042 Reciprocating Hermetic Type Refrigerant Compressors <5 Tons *(23 61 16 00-0041)*

23 61 16 00-0043	EA	1/4 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,124.93	113.38
23 61 16 00-0044	EA	1/3 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,163.16	113.38
23 61 16 00-0045	EA	1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,258.07	141.68
23 61 16 00-0046	EA	3/4 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,296.27	141.68
23 61 16 00-0047	EA	1 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,315.38	141.68
23 61 16 00-0048	EA	1-1/4 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,357.29	147.41
23 61 16 00-0049	EA	1-1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,399.34	147.41
23 61 16 00-0050	EA	1-3/4 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,502.28	158.74
23 61 16 00-0051	EA	2 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,601.41	170.09
23 61 16 00-0052	EA	2-1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,738.73	181.42
23 61 16 00-0053	EA	3 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,815.18	181.42
23 61 16 00-0054	EA	3-1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,952.49	192.75
23 61 16 00-0055	EA	4 Ton Refrigerant Compressor, Reciprocating Hermetic Type	2,319.17	204.10
23 61 16 00-0056	EA	4-1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type	2,540.68	209.72

23 61 16 00-0057 Reciprocating Hermetic Type Refrigerant Compressors *(23 61 16 00-0041)*

23 61 16 00-0058	EA	5 Ton Refrigerant Compressor, Reciprocating Hermetic Type	3,191.29	564.61
23 61 16 00-0059	EA	10 Ton Refrigerant Compressor, Reciprocating Hermetic Type	6,081.56	705.75
23 61 16 00-0060	EA	15 Ton Refrigerant Compressor, Reciprocating Hermetic Type	10,163.10	859.20
23 61 16 00-0061	EA	20 Ton Refrigerant Compressor, Reciprocating Hermetic Type	12,948.78	988.06
23 61 16 00-0062	EA	25 Ton Refrigerant Compressor, Reciprocating Hermetic Type	14,300.52	1,097.85
23 61 16 00-0063	EA	30 Ton Refrigerant Compressor, Reciprocating Hermetic Type	15,854.64	1,235.08
23 61 16 00-0064	EA	35 Ton Refrigerant Compressor, Reciprocating Hermetic Type	20,511.34	1,411.52
23 61 16 00-0065	EA	40 Ton Refrigerant Compressor, Reciprocating Hermetic Type	26,390.70	1,411.52
23 61 16 00-0066	EA	50 Ton Refrigerant Compressor, Reciprocating Hermetic Type	32,597.40	1,646.77
23 61 16 00-0067	EA	60 Ton Refrigerant Compressor, Reciprocating Hermetic Type	36,701.09	1,764.40
23 61 16 00-0068	EA	70 Ton Refrigerant Compressor, Reciprocating Hermetic Type	38,778.10	1,849.06
23 61 16 00-0069	EA	75 Ton Refrigerant Compressor, Reciprocating Hermetic Type	39,864.13	1,940.41
23 61 16 00-0070	EA	80 Ton Refrigerant Compressor, Reciprocating Hermetic Type	40,997.11	1,947.93
23 61 16 00-0071	EA	90 Ton Refrigerant Compressor, Reciprocating Hermetic Type	43,064.87	2,039.60
23 61 16 00-0072	EA	100 Ton Refrigerant Compressor, Reciprocating Hermetic Type	45,153.64	2,123.95

23 61 19 Scroll Refrigerant Compressors *(23 61)*

23 61 19 00-0001 Scroll Refrigerant Compressors *(23 61 19)*

23 61 19 00-0002	EA	Up To 3 Ton Scroll Refrigerant Compressor	1,513.61	181.21
23 61 19 00-0003	EA	3.5 Ton Scroll Refrigerant Compressor	1,586.75	192.87
23 61 19 00-0004	EA	4 Ton Scroll Refrigerant Compressor	1,624.96	203.99
23 61 19 00-0005	EA	4.5 Ton Scroll Refrigerant Compressor	1,656.54	209.82
23 61 19 00-0006	EA	5 Ton Scroll Refrigerant Compressor	2,051.81	264.92
23 61 19 00-0007	EA	7.5 Ton Scroll Refrigerant Compressor	3,917.82	397.39
23 61 19 00-0008	EA	8.75 Ton Scroll Refrigerant Compressor	4,481.73	463.62
23 61 19 00-0009	EA	10 Ton Scroll Refrigerant Compressor	5,020.23	529.85
23 61 19 00-0010	EA	12 Ton Scroll Refrigerant Compressor	6,067.63	635.82
23 61 19 00-0011	EA	13.5 Ton Scroll Refrigerant Compressor	7,157.79	715.29
23 61 19 00-0012	EA	15 Ton Scroll Refrigerant Compressor	8,399.99	794.78
23 61 19 00-0013	EA	20 Ton Scroll Refrigerant Compressor	11,844.51	1,059.70
23 61 19 00-0014	EA	25 Ton Scroll Refrigerant Compressor	13,340.16	1,324.61
23 61 19 00-0015	EA	30 Ton Scroll Refrigerant Compressor	14,245.93	1,589.54

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 61 23 Rotary-Screw Refrigerant Compressors *(23 61)*

23 61 23 00-0001 Rotary Screw Type Refrigerant Compressors *(23 61 23)*

23 61 23 00-0002	EA	75 Ton Refrigerant Compressor, Rotary Screw Type	46,570.09	2,699.58
23 61 23 00-0003	EA	80 Ton Refrigerant Compressor, Rotary Screw Type	47,990.90	2,732.74
23 61 23 00-0004	EA	90 Ton Refrigerant Compressor, Rotary Screw Type	51,071.49	2,799.08
23 61 23 00-0005	EA	100 Ton Refrigerant Compressor, Rotary Screw Type	54,119.64	2,865.63
23 61 23 00-0006	EA	110 Ton Refrigerant Compressor, Rotary Screw Type	58,479.10	3,305.60
23 61 23 00-0007	EA	120 Ton Refrigerant Compressor, Rotary Screw Type	62,054.99	3,379.58
23 61 23 00-0008	EA	130 Ton Refrigerant Compressor, Rotary Screw Type	65,552.75	3,422.60
23 61 23 00-0009	EA	140 Ton Refrigerant Compressor, Rotary Screw Type	69,174.22	3,528.49
23 61 23 00-0010	EA	150 Ton Refrigerant Compressor, Rotary Screw Type	72,753.28	3,602.46
23 61 23 00-0011	EA	170 Ton Refrigerant Compressor, Rotary Screw Type	77,786.77	3,701.18
23 61 23 00-0012	EA	185 Ton Refrigerant Compressor, Rotary Screw Type	81,310.34	3,740.98
23 61 23 00-0013	EA	200 Ton Refrigerant Compressor, Rotary Screw Type	82,950.82	3,802.89
23 61 23 00-0014	EA	215 Ton Refrigerant Compressor, Rotary Screw Type	93,115.75	4,059.36
23 61 23 00-0015	EA	225 Ton Refrigerant Compressor, Rotary Screw Type	103,142.44	4,278.19

23 62 Packaged Compressor and Condenser Units *(23 60)*

23 62 13 Packaged Air-Cooled Refrigerant Compressor and Condenser Units *(23 62)*

23 62 13 00-0001 Packaged Chiller With Remote Air-Cooled Condenser *(23 62 13)*

Note: With remote air-cooled condenser rated by cooling capacity, Units are factory assembled package type. Includes hermetic compressor, motor, cooler, condenser, internal piping, oil, discharge/suction gauges, lead lag switch, compressor unloaders, removable core filter drier with 3 valve by-pass, sight glass, internal wiring, motor starters, insulation, fan cycling controls, standard oil hi/low safety control switches, operation and safety controls, factory wired and installed control panel, vibration eliminators, phase monitoring for 3 phase units, start-up and equipment rigging. Units include dual compressors. Excludes piping and power wiring.

23 62 13 00-0002	EA	15 Ton Packaged Chiller With Remote Air-Cooled Condensers	50,148.96	9,196.43
		For Gas Fired Engine Driven, Add	*8,651.03*	
23 62 13 00-0003	EA	20 Ton Packaged Chiller With Remote Air-Cooled Condensers	56,690.97	9,693.52
		For Gas Fired Engine Driven, Add	*9,884.90*	
23 62 13 00-0004	EA	25 Ton Packaged Chiller With Remote Air-Cooled Condensers	65,877.90	10,548.74
		For Gas Fired Engine Driven, Add	*11,594.05*	
23 62 13 00-0005	EA	30 Ton Packaged Chiller With Remote Air-Cooled Condensers	73,717.05	11,208.09
		For Gas Fired Engine Driven, Add	*13,063.04*	
23 62 13 00-0006	EA	40 Ton Packaged Chiller With Remote Air-Cooled Condensers	92,318.57	12,367.54
		For Gas Fired Engine Driven, Add	*16,609.51*	
23 62 13 00-0007	EA	50 Ton Packaged Chiller With Remote Air-Cooled Condensers	101,939.37	12,809.19
		For Gas Fired Engine Driven, Add	*18,467.45*	
23 62 13 00-0008	EA	60 Ton Packaged Chiller With Remote Air-Cooled Condensers	110,794.26	13,794.52
		For Gas Fired Engine Driven, Add	*20,090.70*	
23 62 13 00-0009	EA	70 Ton Packaged Chiller With Remote Air-Cooled Condensers	134,914.17	14,759.68
		For Gas Fired Engine Driven, Add	*24,742.34*	
23 62 13 00-0010	EA	75 Ton Packaged Chiller With Remote Air-Cooled Condensers	136,524.60	15,051.60
		For Gas Fired Engine Driven, Add	*25,048.30*	
23 62 13 00-0011	EA	80 Ton Packaged Chiller With Remote Air-Cooled Condensers	138,954.91	15,706.08
		For Gas Fired Engine Driven, Add	*25,436.25*	
23 62 13 00-0012	EA	90 Ton Packaged Chiller With Remote Air-Cooled Condensers	154,312.13	16,420.01
		For Gas Fired Engine Driven, Add	*28,400.66*	
23 62 13 00-0013	EA	100 Ton Packaged Chiller With Remote Air-Cooled Condensers	170,854.51	17,201.95
		For Gas Fired Engine Driven, Add	*31,591.91*	
23 62 13 00-0014	EA	110 Ton Packaged Chiller With Remote Air-Cooled Condensers	189,563.47	18,062.00
		For Gas Fired Engine Driven, Add	*35,204.75*	
23 62 13 00-0015	EA	120 Ton Packaged Chiller With Remote Air-Cooled Condensers	205,041.37	19,012.66
		For Gas Fired Engine Driven, Add	*38,157.81*	
23 62 13 00-0016	EA	140 Ton Packaged Chiller With Remote Air-Cooled Condensers	226,386.54	20,068.88
		For Gas Fired Engine Driven, Add	*42,268.48*	

23 62 23 Packaged Water-Cooled Refrigerant Compressor and Condenser Units *(23 62)*

23 62 23 00-0001 Water Cooled Condensing Units *(23 62 23)*

Note: Includes compressor, condenser and motor, and equipment rigging. Excludes piping and power wiring.

23 62 23 00-0002	EA	5 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	8,361.55	765.54
23 62 23 00-0003	EA	10 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	12,687.26	1,118.01
23 62 23 00-0004	EA	15 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	14,534.24	1,211.64
23 62 23 00-0005	EA	20 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	18,028.63	1,453.97
23 62 23 00-0006	EA	30 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	19,458.58	1,710.62
23 62 23 00-0007	EA	60 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	41,382.00	2,549.04
23 62 23 00-0008	EA	80 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	51,368.53	3,076.46
23 62 23 00-0009	EA	120 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	71,144.12	3,366.13

23 63 Refrigerant Condensers *(23 60)*

23 63 13 Air-Cooled Refrigerant Condensers *(23 63)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 63 13 00-0001		**Air-Cooled Condensing Units** *(23 63 13)* Note: Includes compressor(s), condenser, fan, motors, discharge/suction gauges, sight glass, fan cycling controls, standard oil hi/low safety control switches, standard controls and liquid line filter dryers and phase monitoring for 3 phase units and equipment rigging. Meets minimum ASHRAE EER requirements. Excludes piping and power wiring.		
23 63 13 00-0002	EA	6 Ton Air-Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	7,413.06	765.54
		For >25 To 50, Deduct	*-312.68*	
		For >50, Deduct	*-500.29*	
		For Low Ambient Protection, 0 Degree F, Add	*1,102.83*	
		For >10 To 25, Deduct	*-187.61*	
		For Winter Start Control, Add	*366.09*	
23 63 13 00-0003	EA	7.5 Ton Air-Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	8,881.19	908.73
		For >25 To 50, Deduct	*-375.22*	
		For >50, Deduct	*-600.35*	
		For Low Ambient Protection, 0 Degree F, Add	*944.56*	
		For >10 To 25, Deduct	*-225.13*	
		For Winter Start Control, Add	*287.77*	
23 63 13 00-0004	EA	10 Ton Air-Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	11,566.06	1,118.01
		For Low Ambient Protection, 0 Degree F, Add	*1,114.65*	
		For >25 To 50, Deduct	*-493.57*	
		For >50, Deduct	*-789.72*	
		For >10 To 25, Deduct	*-296.14*	
		For Winter Start Control, Add	*366.89*	
23 63 13 00-0005	EA	12.5 Ton Air-Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	14,378.72	1,163.18
		For Low Ambient Protection, 0 Degree F, Add	*1,323.74*	
		For >25 To 50, Deduct	*-630.82*	
		For >50, Deduct	*-1,009.31*	
		For >10 To 25, Deduct	*-378.49*	
		For Winter Start Control, Add	*428.57*	
23 63 13 00-0006	EA	15 Ton Air-Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	17,197.02	1,211.64
		For Winter Start Control, Add	*337.19*	
		For >25 To 50, Deduct	*-768.06*	
		For >50, Deduct	*-1,228.90*	
		For >10 To 25, Deduct	*-460.84*	
		For Low Ambient Protection, 0 Degree F, Add	*1,380.63*	
23 63 13 00-0007	EA	20 Ton Air-Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	22,197.74	1,453.97
		For Winter Start Control, Add	*420.25*	
		For >25 To 50, Deduct	*-999.74*	
		For >50, Deduct	*-1,599.58*	
		For >10 To 25, Deduct	*-599.84*	
		For Low Ambient Protection, 0 Degree F, Add	*1,750.43*	
23 63 13 00-0008	EA	25 Ton Air-Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	25,283.67	1,564.12
		For Winter Start Control, Add	*465.94*	
		For >25 To 50, Deduct	*-1,145.79*	
		For >50, Deduct	*-1,833.27*	
		For Low Ambient Protection, 0 Degree F, Add	*1,852.32*	
		For >10 To 25, Deduct	*-687.48*	
23 63 13 00-0009	EA	30 Ton Air-Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	29,024.65	1,707.31
		For Low Ambient Protection, 0 Degree F, Add	*1,967.88*	
		For Winter Start Control, Add	*522.74*	
		For >25 To 50, Deduct	*-1,322.07*	
		For >50, Deduct	*-2,115.31*	
		For >10 To 25, Deduct	*-793.24*	
23 63 13 00-0010	EA	40 Ton Air-Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	40,019.12	2,027.64
		For Low Ambient Protection, 0 Degree F, Add	*2,626.37*	
		For Winter Start Control, Add	*681.63*	
		For >25 To 50, Deduct	*-1,844.60*	
		For >50, Deduct	*-2,951.37*	
		For >10 To 25, Deduct	*-1,106.76*	
23 63 13 00-0011	EA	50 Ton Air-Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	48,566.78	2,549.04
		For >25 To 50, Deduct	*-2,231.78*	
		For >50, Deduct	*-3,570.85*	
		For Winter Start Control, Add	*616.29*	
		For >10 To 25, Deduct	*-1,339.07*	
		For Low Ambient Protection, 0 Degree F, Add	*2,768.21*	
23 63 13 00-0012	EA	60 Ton Air-Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	56,019.19	2,813.35
		For >25 To 50, Deduct	*-2,589.75*	
		For >50, Deduct	*-4,143.60*	
		For Winter Start Control, Add	*681.40*	
		For >10 To 25, Deduct	*-1,553.85*	
		For Low Ambient Protection, 0 Degree F, Add	*3,127.86*	
23 63 13 00-0013	EA	80 Ton Air-Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	72,736.70	3,076.46
		For >25 To 50, Deduct	*-3,399.61*	
		For >50, Deduct	*-5,439.38*	
		For Winter Start Control, Add	*814.41*	
		For >10 To 25, Deduct	*-2,039.77*	
		For Low Ambient Protection, 0 Degree F, Add	*3,905.81*	
23 63 13 00-0014	EA	100 Ton Air-Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	100,576.21	2,770.02
		For >25 To 50, Deduct	*-4,746.86*	
		For >50, Deduct	*-7,594.98*	
		For Winter Start Control, Add	*1,038.58*	
		For Low Ambient Protection, 0 Degree F, Add	*4,257.85*	
		For >10 To 25, Deduct	*-2,848.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 63 13 00-0015	EA	120 Ton Air-Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	124,186.90	2,863.92
		For >25 To 50, Deduct	*-5,917.84*	
		For >50, Deduct	*-9,468.54*	
		For Low Ambient Protection, 0 Degree F, Add	*5,008.23*	
		For >10 To 25, Deduct	*-3,550.70*	

23 63 13 00-0016 Air-Cooled Condensing Units *(23 63 13)*

Note: Includes compressor(s), condenser, fan, motors, discharge/suction gauges, sight glass, fan cycling controls, standard oil hi/low safety control switches, standard controls and liquid line filter dryers, 14 SEER, 1 or 3 phase and equipment rigging. Higher SEER ratings can be obtained by oversizing evaporators. Includes 20' length of piping (liquid line and insulated suction line). Excludes additional piping and power wiring.

23 63 13 00-0017	EA	1.5 Ton, 14 SEER, Air-Cooled Condensing Unit Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	2,610.45	391.74
		For >25 To 50, Deduct	*-101.14*	
		For >50, Deduct	*-161.83*	
		For >10 To 25, Deduct	*-60.69*	
		For 15 SEER, Add	*485.48*	
		For 16 SEER, Add	*829.36*	
		For 18 SEER, Add	*1,739.64*	
23 63 13 00-0018	EA	2 Ton, 14 SEER, Air-Cooled Condensing Unit Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	2,804.61	435.48
		For >25 To 50, Deduct	*-107.59*	
		For >50, Deduct	*-172.14*	
		For >10 To 25, Deduct	*-64.55*	
		For 15 SEER, Add	*516.41*	
		For 16 SEER, Add	*882.21*	
		For 18 SEER, Add	*1,850.48*	
23 63 13 00-0019	EA	2.5 Ton, 14 SEER, Air-Cooled Condensing Unit Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	2,972.58	479.03
		For >25 To 50, Deduct	*-112.72*	
		For >50, Deduct	*-180.35*	
		For >10 To 25, Deduct	*-67.63*	
		For 15 SEER, Add	*541.05*	
		For 16 SEER, Add	*924.30*	
		For 18 SEER, Add	*1,938.78*	
23 63 13 00-0020	EA	3 Ton, 14 SEER, Air-Cooled Condensing Unit Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	3,420.15	522.31
		For >25 To 50, Deduct	*-131.83*	
		For >50, Deduct	*-210.93*	
		For >10 To 25, Deduct	*-79.10*	
		For 15 SEER, Add	*632.80*	
		For 16 SEER, Add	*1,081.04*	
		For 18 SEER, Add	*2,267.54*	
23 63 13 00-0021	EA	3.5 Ton, 14 SEER, Air-Cooled Condensing Unit Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	3,618.69	566.12
		For >25 To 50, Deduct	*-138.50*	
		For >50, Deduct	*-221.59*	
		For >10 To 25, Deduct	*-83.10*	
		For 15 SEER, Add	*664.78*	
		For 16 SEER, Add	*1,135.67*	
		For 18 SEER, Add	*2,382.14*	
23 63 13 00-0022	EA	4 Ton, 14 SEER, Air-Cooled Condensing Unit Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	4,037.87	609.67
		For >25 To 50, Deduct	*-156.19*	
		For >50, Deduct	*-249.91*	
		For >10 To 25, Deduct	*-93.71*	
		For 15 SEER, Add	*749.72*	
		For 16 SEER, Add	*1,280.77*	
		For 18 SEER, Add	*2,686.49*	
23 63 13 00-0023	EA	5 Ton, 14 SEER, Air-Cooled Condensing Unit Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	4,565.08	652.89
		For >25 To 50, Deduct	*-179.29*	
		For >50, Deduct	*-286.86*	
		For >10 To 25, Deduct	*-107.57*	
		For 15 SEER, Add	*860.58*	
		For 16 SEER, Add	*1,470.15*	
		For 18 SEER, Add	*3,083.74*	

23 63 13 00-0024 Removal And Reinstallation Of AC Condensing Unit *(23 63 13)*

Note: Includes storage and cleaning.

23 63 13 00-0025	EA	Removal And Reinstallation Of Up To 5 Tons Air-Cooled Condensing Unit	401.56	
23 63 13 00-0026	EA	Removal And Reinstallation Of 7.5 To 15 Tons Air-Cooled Condensing Unit	1,505.84	
23 63 13 00-0027	EA	Removal And Reinstallation Of 20 To 40 Tons Air-Cooled Condensing Unit	2,314.06	

23 63 33 Evaporative Refrigerant Condensers *(23 63)*

23 63 33 00-0001 Copper Coil Evaporative Refrigerant Condensers *(23 63 33)*

Note: Includes galvanized steel base construction, condenser, fan, motors, standard controls and equipment rigging. Excludes piping and power wiring.

23 63 33 00-0002	EA	10 Ton Evaporative Refrigerant Condensers	19,943.95	2,578.27
23 63 33 00-0003	EA	15 Ton Evaporative Refrigerant Condensers	20,795.07	2,688.42
23 63 33 00-0004	EA	20 Ton Evaporative Refrigerant Condensers	21,864.28	2,798.57
23 63 33 00-0005	EA	25 Ton Evaporative Refrigerant Condensers	22,285.04	2,886.69

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 63 33 00-0006	EA	30 Ton Evaporative Refrigerant Condensers	23,454.06	3,018.87

23 63 33 00-0007 Evaporative Cooling Module *(23 63 33)*

Note: Includes Stainless steel evaporator cooler cabinet, 12" rigid cellulose media, electric fill and drain, evaporator cooler recirculation system, support base and legs and equipment rigging. Excludes piping and power wiring.

23 63 33 00-0008	EA	4,110 Maximum CFM, 1/70 HP, 115 Volt, 1 Phase, Evaporative Cooling Module (Reznor REC-40) Note: Includes stainless steel evaporator cooler cabinet, 12" rigid cellulose media, electric fill and drain, evaporator cooler recirculation system, support base and legs.	5,931.14	370.10
23 63 33 00-0009	EA	5,060 Maximum CFM, 1/70 HP, 115 Volt, 1 Phase, Evaporative Cooling Module (Reznor REC-50) Note: Includes stainless steel evaporator cooler cabinet, 12" rigid cellulose media, electric fill and drain, evaporator cooler recirculation system, support base and legs.	6,614.60	396.54
23 63 33 00-0010	EA	5,860 Maximum CFM, 1/70 HP, 115 Volt, 1 Phase, Evaporative Cooling Module (Reznor REC-60) Note: Includes stainless steel evaporator cooler cabinet, 12" rigid cellulose media, electric fill and drain, evaporator cooler recirculation system, support base and legs.	7,643.26	457.12
23 63 33 00-0011	EA	7,125 Maximum CFM, 1/70 HP, 115 Volt, 1 Phase, Evaporative Cooling Module (Reznor REC-70) Note: Includes stainless steel evaporator cooler cabinet, 12" rigid cellulose media, electric fill and drain, evaporator cooler recirculation system, support base and legs.	9,256.10	534.23
23 63 33 00-0012	EA	8,075 Maximum CFM, 1/70 HP, 115 Volt, 1 Phase, Evaporative Cooling Module (Reznor REC-80) Note: Includes stainless steel evaporator cooler cabinet, 12" rigid cellulose media, electric fill and drain, evaporator cooler recirculation system, support base and legs.	10,632.08	655.39
23 63 33 00-0013	EA	17,730 Maximum CFM, 1/50 HP, 115 Volt, 1 Phase, Evaporative Cooling Module (Reznor REC-180) Note: Includes stainless steel evaporator cooler cabinet, 12" rigid cellulose media, electric fill and drain, evaporator cooler recirculation system, support base and legs.	14,331.44	969.31

23 64 Packaged Water Chillers *(23 60)*

See CSI section 26 29 23 00-0000 for variable frequency motor controllers.

23 64 13 Absorption Water Chillers *(23 64)*

23 64 13 16 Indirect-Fired Absorption Water Chillers *(23 64 13)*

23 64 13 16-0001 Packaged, Steam Driven, Water Cooled Absorption Chillers *(23 64 13 16)*

Note: Includes refrigerant monitor with scanner, audible alarm, and lights, 460 voltage motor rating, and all accessories, controls (water temperature controller with PE switches, flow switch, etc.) factory wired and installed control panel, and also includes start-up. Price includes closed transition starter. (rated by cooling capacity in tons). Units are factory assembled package type consisting of motor, cooler, condenser, internal piping and wiring, motor starters, insulation, purge unit, controls, gauges, lubrication system, refrigerant charge, oil, phase monitoring for 3 phase units, start-up costs and equipment rigging. Exclude piping and power wiring.

23 64 13 16-0002	EA	50 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	218,054.64	12,546.78
		For Two Stage Unit, Add	*142,600.82*	
23 64 13 16-0003	EA	100 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	275,283.53	14,442.37
		For Two Stage Unit, Add	*181,144.57*	
23 64 13 16-0004	EA	150 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	348,889.37	15,525.55
		For Two Stage Unit, Add	*231,802.12*	
23 64 13 16-0005	EA	200 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	387,505.07	16,608.72
		For Two Stage Unit, Add	*257,966.57*	
23 64 13 16-0006	EA	250 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	432,693.10	17,090.15
		For Two Stage Unit, Add	*289,213.06*	
23 64 13 16-0007	EA	300 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	487,355.67	17,691.90
		For Two Stage Unit, Add	*326,995.44*	
23 64 13 16-0008	EA	350 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	522,578.59	18,293.67
		For Two Stage Unit, Add	*351,170.07*	
23 64 13 16-0009	EA	400 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	621,702.48	19,256.50
		For Two Stage Unit, Add	*419,786.54*	
23 64 13 16-0010	EA	500 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	695,804.71	19,858.26
		For Two Stage Unit, Add	*471,176.68*	
23 64 13 16-0011	EA	650 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	842,805.62	20,460.03
		For Two Stage Unit, Add	*573,595.91*	
23 64 13 16-0012	EA	750 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	913,732.85	21,904.26
		For Two Stage Unit, Add	*622,089.58*	
23 64 13 16-0013	EA	850 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	979,559.49	23,228.15
		For Two Stage Unit, Add	*667,109.12*	
23 64 13 16-0014	EA	950 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	1,051,049.70	24,953.87
		For Two Stage Unit, Add	*715,771.69*	
23 64 13 16-0015	EA	1,125 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	1,203,046.00	25,562.50
		For Two Stage Unit, Add	*821,633.50*	
23 64 13 16-0016	EA	1,250 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	1,317,623.65	27,023.23
		For Two Stage Unit, Add	*900,717.98*	
23 64 13 16-0017	EA	1,450 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	1,538,754.27	28,240.48
		For Two Stage Unit, Add	*1,054,535.59*	
23 64 13 16-0018	EA	1,700 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	1,798,519.74	29,092.57
		For Two Stage Unit, Add	*1,235,689.77*	

23 64 16 Centrifugal Water Chillers *(23 64)*

23 64 16 13 Air-Cooled Centrifugal Water Chillers *(23 64 16)*

23 64 16 13-0001 Magnetic Bearing, Air-Cooled Centrifugal Chillers *(23 64 16 13)*

Note: SMARDT air-cooled oil-free centrifugal chiller with variable speed control, magnetic bearings, lowest ARI IPLV in industry. Includes start up, freight, R-134a refrigerant charge, BACnet or equivalent interface.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 64 16 13-0002	EA	85 Ton, Single Compressor, Magnetic Bearing, Air-Cooled Centrifugal Chiller	246,385.73	6,666.53
		For 5 Year Parts Only Compressor Warranty, Add	*6,849.00*	
23 64 16 13-0003	EA	175 Ton, Two Compressor, Magnetic Bearing, Air-Cooled Centrifugal Chiller	349,705.27	8,941.63
		For 5 Year Parts Only Compressor Warranty, Add	*13,698.00*	
23 64 16 13-0004	EA	240 Ton, Three Compressor, Magnetic Bearing, Air-Cooled Centrifugal Chiller	437,329.50	9,456.50
		For 5 Year Parts Only Compressor Warranty, Add	*20,547.00*	

23 64 16 16 Water-Cooled Centrifugal Water Chillers *(23 64 16)*

23 64 16 16-0001 Packaged Water-Cooled Centrifugal Water Chillers *(23 64 16 16)*

Note: Includes integral heat exchanger, refrigerant monitor with scanner, audible alarm, and lights, 460 voltage motor rating, controls (water temperature controller with PE switches, flow switch, etc.), start-up, and closed transition starter. Rated by cooling capacity in tons. Units are factory assembled package type consisting of compressor, motor, cooler, condenser, internal piping and wiring, motor starters, insulation, purge unit, factory wired and installed control panel, gauges, lubrication system, refrigerant charge, oil, phase monitoring for 3 phase units, start-up costs and equipment rigging. Units greater than 20 tons include dual compressors. Excludes piping and power wiring.

23 64 16 16-0002	EA	180 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	166,227.60	6,866.75
		For 208/230 Voltage Motor Rating, Add	*6,207.89*	
23 64 16 16-0003	EA	200 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	181,724.24	7,040.65
		For 208/230 Voltage Motor Rating, Add	*6,816.44*	
23 64 16 16-0004	EA	225 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	200,454.84	7,219.62
		For 208/230 Voltage Motor Rating, Add	*7,554.31*	
23 64 16 16-0005	EA	250 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	218,732.23	7,509.07
		For 208/230 Voltage Motor Rating, Add	*8,266.80*	
23 64 16 16-0006	EA	275 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	236,591.65	7,933.08
		For 208/230 Voltage Motor Rating, Add	*8,953.94*	
23 64 16 16-0007	EA	300 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	253,798.09	8,345.52
		For 208/230 Voltage Motor Rating, Add	*9,615.70*	
23 64 16 16-0008	EA	325 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	270,441.07	8,803.11
		For 208/230 Voltage Motor Rating, Add	*10,252.01*	
23 64 16 16-0009	EA	350 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	286,414.03	9,237.22
		For 208/230 Voltage Motor Rating, Add	*10,863.04*	
23 64 16 16-0010	EA	375 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	301,689.47	9,633.06
		For 208/230 Voltage Motor Rating, Add	*11,448.62*	
23 64 16 16-0011	EA	400 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	316,196.88	9,945.62
		For 208/230 Voltage Motor Rating, Add	*12,008.83*	
23 64 16 16-0012	EA	425 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	330,359.34	10,438.35
		For 208/230 Voltage Motor Rating, Add	*12,543.68*	
23 64 16 16-0013	EA	450 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	343,743.19	10,841.05
		For 208/230 Voltage Motor Rating, Add	*13,053.15*	
23 64 16 16-0014	EA	475 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	356,484.36	11,238.58
		For 208/230 Voltage Motor Rating, Add	*13,537.26*	
23 64 16 16-0015	EA	500 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	368,447.41	11,546.44
		For 208/230 Voltage Motor Rating, Add	*13,995.99*	
23 64 16 16-0016	EA	550 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	390,137.46	11,955.88
		For 208/230 Voltage Motor Rating, Add	*14,837.29*	
23 64 16 16-0017	EA	600 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	409,050.45	12,215.84
		For 208/230 Voltage Motor Rating, Add	*15,577.11*	
23 64 16 16-0018	EA	650 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	425,977.12	12,819.65
		For 208/230 Voltage Motor Rating, Add	*16,215.38*	
23 64 16 16-0019	EA	700 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	440,381.51	13,432.61
		For 208/230 Voltage Motor Rating, Add	*16,752.17*	
23 64 16 16-0020	EA	750 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	452,351.65	14,106.95
		For 208/230 Voltage Motor Rating, Add	*17,187.64*	
23 64 16 16-0021	EA	800 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	480,485.44	14,787.55
		For 208/230 Voltage Motor Rating, Add	*18,269.26*	
23 64 16 16-0022	EA	850 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	508,420.44	15,465.98
		For 208/230 Voltage Motor Rating, Add	*19,343.08*	
23 64 16 16-0023	EA	900 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	536,261.31	16,209.52
		For 208/230 Voltage Motor Rating, Add	*20,408.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 64 16 16-0024	EA	950 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	564,022.05	17,028.16
		For 208/230 Voltage Motor Rating, Add	*21,466.76*	
23 64 16 16-0025	EA	1,000 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	591,587.29	18,042.50
		For 208/230 Voltage Motor Rating, Add	*22,516.56*	
23 64 16 16-0026	EA	1,100 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	641,832.89	20,818.35
		For 208/230 Voltage Motor Rating, Add	*24,349.93*	
23 64 16 16-0027	EA	1,200 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	690,192.44	23,602.11
		For 208/230 Voltage Motor Rating, Add	*26,107.35*	
23 64 16 16-0028	EA	1,300 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	735,808.85	25,857.09
		For 208/230 Voltage Motor Rating, Add	*27,788.66*	
23 64 16 16-0029	EA	1,400 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	778,145.30	27,245.49
		For 208/230 Voltage Motor Rating, Add	*29,393.87*	
23 64 16 16-0030	EA	1,500 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	818,501.59	28,588.50
		For 208/230 Voltage Motor Rating, Add	*30,922.74*	
23 64 16 16-0031	EA	1,600 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	856,156.47	29,417.22
		For 208/230 Voltage Motor Rating, Add	*32,376.26*	
23 64 16 16-0032	EA	1,700 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	893,847.79	31,469.52
		For 208/230 Voltage Motor Rating, Add	*33,753.45*	
23 64 16 16-0033	EA	1,800 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	928,814.42	33,004.60
		For 208/230 Voltage Motor Rating, Add	*35,054.53*	
23 64 16 16-0034	EA	1,900 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	962,603.97	34,996.29
		For 208/230 Voltage Motor Rating, Add	*36,279.51*	
23 64 16 16-0035	EA	2,000 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	993,315.77	36,246.18
		For 208/230 Voltage Motor Rating, Add	*37,428.53*	
23 64 16 16-0036	EA	2,250 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	1,057,857.91	38,297.87
		For 208/230 Voltage Motor Rating, Add	*39,968.32*	
23 64 16 16-0037	EA	2,500 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	1,115,334.61	40,595.69
		For 208/230 Voltage Motor Rating, Add	*42,032.79*	

23 64 16 16-0038 Magnetic Bearing, Water Cooled Centrifugal Water Chillers *(23 64 16 16)*

Note: SMARDT water cooled oil-free centrifugal chiller with variable speed control, magnetic bearings, 10 amp maximum inrush current and ARI part load <0.4kW per ton. Includes start up, freight, R-134a refrigerant charge, BACnet or equivalent interface, 12/18 month compressor warranty.

23 64 16 16-0039	EA	60 To 85 Ton, Single Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	155,142.71	5,776.95
		For 5 Year Parts Only Compressor Warranty, Add	*6,849.00*	
		For Marine Water Box Connections, Add	*4,456.76*	
23 64 16 16-0040	EA	130 To 137 Ton, Single Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	195,350.42	6,714.50
		For 5 Year Parts Only Compressor Warranty, Add	*6,849.00*	
		For Marine Water Box Connections, Add	*4,456.76*	
23 64 16 16-0041	EA	125 To 170 Ton, Dual Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	244,677.12	6,866.75
		For 5 Year Parts Only Compressor Warranty, Add	*13,698.00*	
		For Marine Water Box Connections, Add	*4,456.76*	
23 64 16 16-0042	EA	240 To 270 Ton, Dual Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	318,644.72	7,933.08
		For 5 Year Parts Only Compressor Warranty, Add	*13,698.00*	
		For Marine Water Box Connections, Add	*4,456.76*	
23 64 16 16-0043	EA	210 To 260 Ton, Three Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	321,107.25	7,509.07
		For 5 Year Parts Only Compressor Warranty, Add	*20,547.00*	
		For Marine Water Box Connections, Add	*4,456.76*	
23 64 16 16-0044	EA	355 To 405 Ton, Three Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	481,753.74	9,945.62
		For 5 Year Parts Only Compressor Warranty, Add	*20,547.00*	
		For Marine Water Box Connections, Add	*4,456.76*	
23 64 16 16-0045	EA	299 To 340 Ton, Four Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	426,809.97	9,237.22
		For 5 Year Parts Only Compressor Warranty, Add	*25,113.00*	
		For Marine Water Box Connections, Add	*6,207.63*	
23 64 16 16-0046	EA	540 Ton, Four Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	593,030.48	11,955.88
		For 5 Year Parts Only Compressor Warranty, Add	*25,113.00*	
		For Marine Water Box Connections, Add	*6,207.63*	
23 64 16 16-0047	EA	425 Ton, Five Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	531,225.53	10,438.35
		For 5 Year Parts Only Compressor Warranty, Add	*29,679.00*	
		For Marine Water Box Connections, Add	*6,207.63*	
23 64 16 16-0048	EA	650 Ton, Five Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	711,008.46	12,819.65
		For 5 Year Parts Only Compressor Warranty, Add	*29,679.00*	
		For Marine Water Box Connections, Add	*6,207.63*	
23 64 16 16-0049	EA	510 Ton, Six Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	632,546.72	11,546.44
		For 5 Year Parts Only Compressor Warranty, Add	*34,245.00*	
		For Marine Water Box Connections, Add	*6,525.97*	
23 64 16 16-0050	EA	800 Ton, Six Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	814,996.05	14,787.55
		For 5 Year Parts Only Compressor Warranty, Add	*34,245.00*	
		For Marine Water Box Connections, Add	*6,525.97*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 64 23		**Scroll Water Chillers** *(23 64)*		
23 64 23 13		**Air-Cooled Scroll Water Chillers** *(23 64 23)*		
23 64 23 13-0001		Packaged Air-Cooled Scroll Water Chillers *(23 64 23 13)* Note: With integral heat exchanger. Rated by cooling capacity, tons. Units are factory assembled package type. Includes scroll compressor, motor, cooler, condenser, internal piping, oil, discharge/suction gauges, lead lag switch, compressor unloaders, removable core filter drier with 3-valve by-pass, sight glass, internal wiring, motor starters, insulation, fan cycling controls, standard oil hi/low safety control switches, flow switch, operation and safety controls, isolation valves, factory wired and installed control panel, refrigerant charge, vibration eliminators, phase monitoring for 3 phase units, factory charge of refrigerant, freeze protection thermostat, start-up and equipment rigging. Units greater than 20 tons include dual compressors. Excludes piping and power wiring. Excludes crane and associated personnel. See CSI section 01 22 23 00-0787 for crane lifting equipment.		
23 64 23 13-0002	EA	10 Ton Packaged Air-Cooled Scroll Water Chiller	31,614.47	1,742.29
23 64 23 13-0003	EA	15 Ton Packaged Air-Cooled Scroll Water Chiller	46,455.62	1,764.63
23 64 23 13-0004	EA	18 Ton Packaged Air-Cooled Scroll Water Chiller	50,708.81	1,887.48
23 64 23 13-0005	EA	22 Ton Packaged Air-Cooled Scroll Water Chiller	55,802.09	2,021.51
23 64 23 13-0006	EA	25 Ton Packaged Air-Cooled Scroll Water Chiller	56,687.79	2,155.53
23 64 23 13-0007	EA	30 Ton Packaged Air-Cooled Scroll Water Chiller	59,805.25	2,311.88
23 64 23 13-0008	EA	40 Ton Packaged Air-Cooled Scroll Water Chiller	68,418.34	2,501.75
23 64 23 13-0009	EA	45 Ton Packaged Air-Cooled Scroll Water Chiller	73,473.05	2,713.95
23 64 23 13-0010	EA	50 Ton Packaged Air-Cooled Scroll Water Chiller	77,602.24	2,792.14
23 64 23 13-0011	EA	55 Ton Packaged Air-Cooled Scroll Water Chiller	81,051.61	2,914.99
23 64 23 13-0012	EA	60 Ton Packaged Air-Cooled Scroll Water Chiller	83,773.24	3,015.51
23 64 23 13-0013	EA	70 Ton Packaged Air-Cooled Scroll Water Chiller	96,670.09	3,395.23
23 64 23 13-0014	EA	80 Ton Packaged Air-Cooled Scroll Water Chiller	104,038.84	3,719.12
23 64 23 13-0015	EA	90 Ton Packaged Air-Cooled Scroll Water Chiller	105,950.32	3,730.29
23 64 23 13-0016	EA	100 Ton Packaged Air-Cooled Scroll Water Chiller	112,156.40	3,741.47
23 64 23 13-0017	EA	110 Ton Packaged Air-Cooled Scroll Water Chiller	118,200.03	3,752.63
23 64 23 13-0018	EA	120 Ton Packaged Air-Cooled Scroll Water Chiller	124,318.82	3,763.80
23 64 23 13-0019	EA	130 Ton Packaged Air-Cooled Scroll Water Chiller	130,750.23	3,774.97
23 64 23 16		**Water-Cooled Scroll Water Chillers** *(23 64 23)*		
23 64 23 16-0001		Packaged Water Cooled Scroll Water Chillers *(23 64 23 16)* Note: Integral heat exchanger. Rated by cooling capacity in tons. Units are factory assembled package type. Includes hermetic compressor, motor, cooler, condenser, internal piping, oil, discharge/suction gauges, lead lag switch, compressor unloaders, removable core filter drier with 3 valve by-pass, sight glass, internal wiring, motor starters, insulation, fan cycling controls, standard oil hi/low safety control switches, flow switch, operation and safety controls, factory wired and installed control panel, refrigerant charge, vibration eliminators, phase monitoring for 3 phase units, start-up costs and equipment rigging. Units greater than 20 tons include dual compressors. Excludes piping and power wiring.		
23 64 23 16-0002	EA	20 Ton Packaged Water Cooled Scroll Water Chiller	39,100.18	2,225.16
23 64 23 16-0003	EA	25 Ton Packaged Water Cooled Scroll Water Chiller	45,037.46	2,292.38
23 64 23 16-0004	EA	30 Ton Packaged Water Cooled Scroll Water Chiller	49,968.40	2,516.57
23 64 23 16-0005	EA	40 Ton Packaged Water Cooled Scroll Water Chiller	61,427.52	3,202.30
23 64 23 16-0006	EA	50 Ton Packaged Water Cooled Scroll Water Chiller	67,960.34	3,509.39
23 64 23 16-0007	EA	60 Ton Packaged Water Cooled Scroll Water Chiller	71,380.66	3,877.43
23 64 26		**Rotary-Screw Water Chillers** *(23 64)*		
23 64 26 13		**Air-Cooled, Rotary-Screw Water Chillers** *(23 64 26)*		
23 64 26 13-0001		Packaged Air-Cooled Rotary-Screw Water Chillers *(23 64 26 13)* Note: Includes hermetic direct-drive compressors start-up, coil guards, copper fins, copper tubes, factory wired and installed control panel, refrigerant monitor with scanner, audible alarm, and lights, phase monitoring for 3 phase units, 440/460 voltage motor rating, motor starters, factory charge of refrigerant and equipment rigging. Units greater than 20 tons include dual compressors. Excludes crane and associated personnel. See CSI section 01 22 23 00-0787 for crane lifting equipment.		
23 64 26 13-0002	EA	70 Ton Packaged Air-Cooled Rotary-Screw Water Chiller	111,816.04	4,277.56
		For Aluminum Fins Instead Of Copper, Deduct	*-1,581.08*	
		For 208/230 Voltage Motor Rating, Add	*4,216.21*	
23 64 26 13-0003	EA	80 Ton Packaged Air-Cooled Rotary-Screw Water Chiller	120,168.16	4,646.11
		For Aluminum Fins Instead Of Copper, Deduct	*-1,698.15*	
		For 208/230 Voltage Motor Rating, Add	*4,528.41*	
23 64 26 13-0004	EA	90 Ton Packaged Air-Cooled Rotary-Screw Water Chiller	126,411.14	4,847.15
		For Aluminum Fins Instead Of Copper, Deduct	*-1,787.11*	
		For 208/230 Voltage Motor Rating, Add	*4,765.62*	
23 64 26 13-0005	EA	100 Ton Packaged Air-Cooled Rotary-Screw Water Chiller	131,061.10	5,215.71
		For Aluminum Fins Instead Of Copper, Deduct	*-1,848.65*	
		For 208/230 Voltage Motor Rating, Add	*4,929.72*	
23 64 26 13-0006	EA	110 Ton Packaged Air-Cooled Rotary-Screw Water Chiller	140,672.71	5,472.59
		For Aluminum Fins Instead Of Copper, Deduct	*-1,987.13*	
		For 208/230 Voltage Motor Rating, Add	*5,299.00*	
23 64 26 13-0007	EA	120 Ton Packaged Air-Cooled Rotary-Screw Water Chiller	149,515.72	5,584.27
		For Aluminum Fins Instead Of Copper, Deduct	*-2,117.09*	
		For 208/230 Voltage Motor Rating, Add	*5,645.57*	
23 64 26 13-0008	EA	130 Ton Packaged Air-Cooled Rotary-Screw Water Chiller	157,844.66	5,774.13
		For Aluminum Fins Instead Of Copper, Deduct	*-2,237.84*	
		For 208/230 Voltage Motor Rating, Add	*5,967.56*	
23 64 26 13-0009	EA	140 Ton Packaged Air-Cooled Rotary-Screw Water Chiller	162,899.39	5,896.98
		For Aluminum Fins Instead Of Copper, Deduct	*-2,310.81*	
		For 208/230 Voltage Motor Rating, Add	*6,162.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 64 26 13-0010	EA	160 Ton Packaged Air-Cooled Rotary-Screw Water Chiller	172,036.53	6,019.85
		For Aluminum Fins Instead Of Copper, Deduct	*-2,445.02*	
		For 208/230 Voltage Motor Rating, Add	*6,520.05*	
23 64 26 13-0011	EA	170 Ton Packaged Air-Cooled Rotary-Screw Water Chiller	179,584.66	6,209.70
		For Aluminum Fins Instead Of Copper, Deduct	*-2,554.05*	
		For 208/230 Voltage Motor Rating, Add	*6,810.80*	
23 64 26 13-0012	EA	180 Ton Packaged Air-Cooled Rotary-Screw Water Chiller	189,382.95	6,455.42
		For Aluminum Fins Instead Of Copper, Deduct	*-2,695.50*	
		For 208/230 Voltage Motor Rating, Add	*7,187.99*	
23 64 26 13-0013	EA	200 Ton Packaged Air-Cooled Rotary-Screw Water Chiller	197,980.91	6,589.44
		For Aluminum Fins Instead Of Copper, Deduct	*-2,821.62*	
		For 208/230 Voltage Motor Rating, Add	*7,524.32*	
23 64 26 13-0014	EA	215 Ton Packaged Air-Cooled Rotary-Screw Water Chiller	212,267.70	6,701.12
		For Aluminum Fins Instead Of Copper, Deduct	*-3,033.24*	
		For 208/230 Voltage Motor Rating, Add	*8,088.64*	
23 64 26 13-0015	EA	225 Ton Packaged Air-Cooled Rotary-Screw Water Chiller	221,762.45	6,768.13
		For Aluminum Fins Instead Of Copper, Deduct	*-3,174.32*	
		For 208/230 Voltage Motor Rating, Add	*8,464.86*	
23 64 26 13-0016	EA	240 Ton Packaged Air-Cooled Rotary-Screw Water Chiller	231,257.19	6,823.98
		For Aluminum Fins Instead Of Copper, Deduct	*-3,315.40*	
		For 208/230 Voltage Motor Rating, Add	*8,841.07*	
23 64 26 13-0017	EA	260 Ton Packaged Air-Cooled Rotary-Screw Water Chiller	259,674.40	6,958.00
		For Aluminum Fins Instead Of Copper, Deduct	*-3,738.64*	
		For 208/230 Voltage Motor Rating, Add	*9,969.72*	
23 64 26 13-0018	EA	280 Ton Packaged Air-Cooled Rotary-Screw Water Chiller	273,972.37	7,092.03
		For Aluminum Fins Instead Of Copper, Deduct	*-3,950.27*	
		For 208/230 Voltage Motor Rating, Add	*10,534.04*	
23 64 26 13-0019	EA	300 Ton Packaged Air-Cooled Rotary-Screw Water Chiller	292,961.86	7,203.71
		For Aluminum Fins Instead Of Copper, Deduct	*-4,232.43*	
		For 208/230 Voltage Motor Rating, Add	*11,286.48*	
23 64 26 13-0020	EA	325 Ton Packaged Air-Cooled Rotary-Screw Water Chiller	321,356.74	7,326.57
		For Aluminum Fins Instead Of Copper, Deduct	*-4,655.67*	
		For 208/230 Voltage Motor Rating, Add	*12,415.12*	
23 64 26 13-0021	EA	350 Ton Packaged Air-Cooled Rotary-Screw Water Chiller	350,402.15	7,415.92
		For Aluminum Fins Instead Of Copper, Deduct	*-5,089.17*	
		For 208/230 Voltage Motor Rating, Add	*13,571.13*	

23 64 26 16 Water-Cooled, Rotary-Screw Water Chillers *(23 64 26)*

23 64 26 16-0001 Packaged Water Cooled Helical Rotary Water Chillers *(23 64 26 16)*

Note: Integral heat exchanger. Rated by cooling capacity in tons. Factory assembled package type includes semi-hermetic compressor, motor, cooler, condenser, internal piping, oil, discharge/suction gages, lead-lag switch, compressor unloaders, removable core filter dryer, 3-valve by-pass, sight glass, internal wiring, motor starters, insulation, standard oil hi/low safety control switches, operation and safety controls, factory wired and installed control panel, full factory refrigerant charge, vibration eliminators, NEMA 1 flow switches, wye-delta starter, extended warranty on compressor(s), start-up costs and equipment rigging. Excludes piping and power wiring.

23 64 26 16-0002	EA	70 Ton Packaged Water Cooled Helical Rotary Water Chiller	73,721.19	5,415.89
23 64 26 16-0003	EA	80 Ton Packaged Water Cooled Helical Rotary Water Chiller	80,012.59	5,626.51
23 64 26 16-0004	EA	90 Ton Packaged Water Cooled Helical Rotary Water Chiller	85,477.78	5,776.95
23 64 26 16-0005	EA	100 Ton Packaged Water Cooled Helical Rotary Water Chiller	90,235.53	6,020.67
23 64 26 16-0006	EA	110 Ton Packaged Water Cooled Helical Rotary Water Chiller	94,961.18	6,186.15
23 64 26 16-0007	EA	125 Ton Packaged Water Cooled Helical Rotary Water Chiller	100,717.10	6,359.82
23 64 26 16-0008	EA	130 Ton Packaged Water Cooled Helical Rotary Water Chiller	135,923.83	6,537.58
23 64 26 16-0009	EA	150 Ton Packaged Water Cooled Helical Rotary Water Chiller	141,110.84	6,714.50
23 64 26 16-0010	EA	175 Ton Packaged Water Cooled Helical Rotary Water Chiller	144,993.96	6,880.71
23 64 26 16-0011	EA	190 Ton Packaged Water Cooled Helical Rotary Water Chiller	146,457.33	7,224.80
23 64 26 16-0012	EA	200 Ton Packaged Water Cooled Helical Rotary Water Chiller	145,411.91	7,573.22
23 64 26 16-0013	EA	210 Ton Packaged Water Cooled Helical Rotary Water Chiller	153,853.34	7,735.34
23 64 26 16-0014	EA	235 Ton Packaged Water Cooled Helical Rotary Water Chiller	167,213.61	7,904.56
23 64 26 16-0015	EA	255 Ton Packaged Water Cooled Helical Rotary Water Chiller	177,654.82	8,266.33
23 64 26 16-0016	EA	275 Ton Packaged Water Cooled Helical Rotary Water Chiller	187,533.09	8,600.92
23 64 26 16-0017	EA	300 Ton Packaged Water Cooled Helical Rotary Water Chiller	199,032.07	8,941.63
23 64 26 16-0018	EA	350 Ton Packaged Water Cooled Helical Rotary Water Chiller	218,492.71	9,734.16
23 64 26 16-0019	EA	400 Ton Packaged Water Cooled Helical Rotary Water Chiller	234,422.69	10,706.62
23 64 26 16-0020	EA	450 Ton Packaged Water Cooled Helical Rotary Water Chiller	246,839.70	11,777.76

23 65 Cooling Towers *(23 60)*

23 65 13 Forced-Draft Cooling Towers *(23 65)*

23 65 13 16 Closed-Circuit, Forced-Draft Cooling Towers *(23 65 13)*

23 65 13 16-0001 Closed-Circuit, Forced-Draft Cooling Towers *(23 65 13 16)*

23 65 13 16-0002 Blow-Thru Centrifugal Fan Type Galvanized Cooling Towers *(23 65 13 16-0001)*

Note: Including 2-speed motor, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping and power wiring. Rated by cooling capacity in tons. Design temperature 95 degree F in, 85 degree F out.

23 65 13 16-0003	EA	50 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	19,761.65	1,853.98
		For Stainless Steel Cooling Tower, Add	*10,188.41*	
23 65 13 16-0004	EA	75 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	27,233.33	2,267.21
		For Stainless Steel Cooling Tower, Add	*14,309.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 65 13 16-0005	EA	100 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	34,152.20	2,847.97
		For Stainless Steel Cooling Tower, Add	*17,743.86*	
23 65 13 16-0006	EA	125 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	39,385.46	3,183.03
		For Stainless Steel Cooling Tower, Add	*20,562.16*	
23 65 13 16-0007	EA	150 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	45,012.05	3,585.10
		For Stainless Steel Cooling Tower, Add	*23,549.45*	
23 65 13 16-0008	EA	175 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	50,610.64	4,020.67
		For Stainless Steel Cooling Tower, Add	*26,493.13*	
23 65 13 16-0009	EA	200 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	56,799.03	4,478.58
		For Stainless Steel Cooling Tower, Add	*29,763.89*	
23 65 13 16-0010	EA	225 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	62,075.86	5,048.18
		For Stainless Steel Cooling Tower, Add	*32,380.50*	
23 65 13 16-0011	EA	250 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	67,632.25	5,606.61
		For Stainless Steel Cooling Tower, Add	*35,171.54*	
23 65 13 16-0012	EA	275 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	74,071.13	6,634.11
		For Stainless Steel Cooling Tower, Add	*38,049.81*	
23 65 13 16-0013	EA	300 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	80,502.21	7,348.90
		For Stainless Steel Cooling Tower, Add	*41,211.54*	
23 65 13 16-0014	EA	325 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	84,828.85	7,817.98
		For Stainless Steel Cooling Tower, Add	*43,392.05*	
23 65 13 16-0015	EA	350 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	89,891.96	8,275.89
		For Stainless Steel Cooling Tower, Add	*45,954.14*	
23 65 13 16-0016	EA	375 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	94,809.90	8,677.95
		For Stainless Steel Cooling Tower, Add	*48,516.23*	
23 65 13 16-0017	EA	400 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	100,443.50	9,080.02
		For Stainless Steel Cooling Tower, Add	*51,514.43*	
23 65 13 16-0018	EA	425 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	106,415.16	9,571.43
		For Stainless Steel Cooling Tower, Add	*54,621.65*	
23 65 13 16-0019	EA	450 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	113,193.34	10,062.85
		For Stainless Steel Cooling Tower, Add	*58,219.48*	
23 65 13 16-0020	EA	475 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	119,780.16	10,487.26
		For Stainless Steel Cooling Tower, Add	*61,762.80*	
23 65 13 16-0021	EA	500 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	126,378.14	10,911.67
		For Stainless Steel Cooling Tower, Add	*65,306.12*	
23 65 13 16-0022	EA	550 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	138,915.17	11,369.57
		For Stainless Steel Cooling Tower, Add	*72,392.76*	
23 65 13 16-0023	EA	600 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	152,542.44	11,816.31
		For Stainless Steel Cooling Tower, Add	*80,133.55*	
23 65 13 16-0024	EA	650 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	158,083.05	12,062.02
		For Stainless Steel Cooling Tower, Add	*83,404.31*	
23 65 13 16-0025	EA	700 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	164,713.90	12,218.38
		For Stainless Steel Cooling Tower, Add	*87,329.22*	
23 65 13 16-0026	EA	750 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	172,419.97	12,843.82
		For Stainless Steel Cooling Tower, Add	*91,363.15*	
23 65 13 16-0027	EA	800 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	181,397.99	13,469.25
		For Stainless Steel Cooling Tower, Add	*96,160.27*	
23 65 13 16-0028	EA	850 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	190,465.36	14,150.54
		For Stainless Steel Cooling Tower, Add	*100,957.37*	
23 65 13 16-0029	EA	900 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	200,986.38	14,831.82
		For Stainless Steel Cooling Tower, Add	*106,626.68*	
23 65 13 16-0030	EA	950 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	211,845.49	15,613.62
		For Stainless Steel Cooling Tower, Add	*112,405.03*	
23 65 13 16-0031	EA	1,000 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	224,147.08	16,395.42
		For Stainless Steel Cooling Tower, Add	*119,055.56*	

23 65 14 Induced-Draft Cooling Towers *(23 65)*

23 65 14 14 Open-Circuit, Induced-Draft Crossflow Cooling Towers *(23 65 14)*

23 65 14 14-0001 Galvanized Induced Draft Crossflow Film Filled Propeller Type Cooling Towers *(23 65 14 14)*

Note: Includes fan, 2-speed motor, geared speed reducer, louvers, drift eliminators, hot water distribution system, cold water collection basin, float valve and access door, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping and power wiring. Excludes crane and associated personnel. See CSI section 01 22 23 00-0787 for crane lifting equipment.

23 65 14 14-0002	EA	10 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	8,386.45	1,250.88
		For Polymer Coating Over Galvanized Components, Add	*976.52*	
		For Stainless Steel Support Structure, Add	*1,953.04*	
23 65 14 14-0003	EA	15 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	9,051.43	1,273.22
		For Polymer Coating Over Galvanized Components, Add	*1,072.92*	
		For Stainless Steel Support Structure, Add	*2,145.83*	
23 65 14 14-0004	EA	20 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	9,844.81	1,384.90
		For Polymer Coating Over Galvanized Components, Add	*1,165.12*	
		For Stainless Steel Support Structure, Add	*2,330.24*	
23 65 14 14-0005	EA	25 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	11,509.99	1,451.91
		For Polymer Coating Over Galvanized Components, Add	*1,399.82*	
		For Stainless Steel Support Structure, Add	*2,799.64*	
23 65 14 14-0006	EA	30 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	13,035.47	1,518.92
		For Polymer Coating Over Galvanized Components, Add	*1,613.56*	
		For Stainless Steel Support Structure, Add	*3,227.13*	
23 65 14 14-0007	EA	35 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	14,527.41	1,597.10
		For Polymer Coating Over Galvanized Components, Add	*1,818.93*	
		For Stainless Steel Support Structure, Add	*3,637.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 65 14 14-0008	EA	40 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	15,896.42	1,675.28
		For Polymer Coating Over Galvanized Components, Add	*2,007.53*	
		For Stainless Steel Support Structure, Add	*4,015.05*	
23 65 14 14-0009	EA	45 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	17,416.29	1,764.63
		For Polymer Coating Over Galvanized Components, Add	*2,217.08*	
		For Stainless Steel Support Structure, Add	*4,434.16*	
23 65 14 14-0010	EA	50 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	18,902.64	1,853.98
		For Polymer Coating Over Galvanized Components, Add	*2,418.25*	
		For Stainless Steel Support Structure, Add	*4,836.50*	
23 65 14 14-0011	EA	60 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	21,825.07	1,999.16
		For Polymer Coating Over Galvanized Components, Add	*2,824.79*	
		For Stainless Steel Support Structure, Add	*5,649.57*	
23 65 14 14-0012	EA	70 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	24,993.36	2,155.53
		For Polymer Coating Over Galvanized Components, Add	*3,264.85*	
		For Stainless Steel Support Structure, Add	*6,529.70*	
23 65 14 14-0013	EA	75 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	26,462.91	2,267.21
		For Polymer Coating Over Galvanized Components, Add	*3,461.83*	
		For Stainless Steel Support Structure, Add	*6,923.66*	
23 65 14 14-0014	EA	80 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	28,066.51	2,457.08
		For Polymer Coating Over Galvanized Components, Add	*3,658.81*	
		For Stainless Steel Support Structure, Add	*7,317.62*	
23 65 14 14-0015	EA	90 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	29,250.99	2,646.94
		For Polymer Coating Over Galvanized Components, Add	*3,792.92*	
		For Stainless Steel Support Structure, Add	*7,585.85*	
23 65 14 14-0016	EA	100 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	31,457.86	2,847.97
		For Polymer Coating Over Galvanized Components, Add	*4,031.81*	
		For Stainless Steel Support Structure, Add	*8,063.63*	
23 65 14 14-0017	EA	125 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	32,748.34	3,183.03
		For Polymer Coating Over Galvanized Components, Add	*4,144.97*	
		For Stainless Steel Support Structure, Add	*8,289.95*	
23 65 14 14-0018	EA	150 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	38,034.24	3,585.10
		For Polymer Coating Over Galvanized Components, Add	*4,840.69*	
		For Stainless Steel Support Structure, Add	*9,681.38*	
23 65 14 14-0019	EA	175 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	42,023.68	4,020.67
		For Polymer Coating Over Galvanized Components, Add	*5,335.24*	
		For Stainless Steel Support Structure, Add	*10,670.48*	
23 65 14 14-0020	EA	200 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	44,241.64	4,478.58
		For Polymer Coating Over Galvanized Components, Add	*5,557.37*	
		For Stainless Steel Support Structure, Add	*11,114.73*	
23 65 14 14-0021	EA	225 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	51,136.73	5,048.18
		For Polymer Coating Over Galvanized Components, Add	*6,454.26*	
		For Stainless Steel Support Structure, Add	*12,908.51*	
23 65 14 14-0022	EA	250 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	56,064.81	5,606.61
		For Polymer Coating Over Galvanized Components, Add	*7,057.77*	
		For Stainless Steel Support Structure, Add	*14,115.54*	
23 65 14 14-0023	EA	275 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	59,969.76	6,634.11
		For Polymer Coating Over Galvanized Components, Add	*7,397.25*	
		For Stainless Steel Support Structure, Add	*14,794.49*	
23 65 14 14-0024	EA	300 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	64,707.68	7,348.90
		For Polymer Coating Over Galvanized Components, Add	*7,933.71*	
		For Stainless Steel Support Structure, Add	*15,867.41*	
23 65 14 14-0025	EA	350 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	73,960.56	8,275.89
		For Polymer Coating Over Galvanized Components, Add	*9,098.82*	
		For Stainless Steel Support Structure, Add	*18,197.65*	
23 65 14 14-0026	EA	400 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	81,531.56	9,080.02
		For Polymer Coating Over Galvanized Components, Add	*10,041.82*	
		For Stainless Steel Support Structure, Add	*20,083.63*	
23 65 14 14-0027	EA	450 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	90,119.37	10,062.85
		For Polymer Coating Over Galvanized Components, Add	*11,093.78*	
		For Stainless Steel Support Structure, Add	*22,187.55*	
23 65 14 14-0028	EA	500 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	98,198.83	10,911.67
		For Polymer Coating Over Galvanized Components, Add	*12,099.63*	
		For Stainless Steel Support Structure, Add	*24,199.27*	
23 65 14 14-0029	EA	600 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	112,223.97	11,816.31
		For Polymer Coating Over Galvanized Components, Add	*13,985.62*	
		For Stainless Steel Support Structure, Add	*27,971.24*	
23 65 14 14-0030	EA	700 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	125,842.03	12,218.38
		For Polymer Coating Over Galvanized Components, Add	*16,001.52*	
		For Stainless Steel Support Structure, Add	*32,003.05*	
23 65 14 14-0031	EA	800 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	140,660.34	13,469.25
		For Polymer Coating Over Galvanized Components, Add	*17,929.42*	
		For Stainless Steel Support Structure, Add	*35,858.84*	
23 65 14 14-0032	EA	900 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	155,042.64	14,831.82
		For Polymer Coating Over Galvanized Components, Add	*19,765.11*	
		For Stainless Steel Support Structure, Add	*39,530.22*	
23 65 14 14-0033	EA	1,000 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	169,139.73	16,395.42
		For Polymer Coating Over Galvanized Components, Add	*21,512.79*	
		For Stainless Steel Support Structure, Add	*43,025.58*	
23 65 14 14-0034	EA	1,100 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	185,104.07	17,188.38
		For Polymer Coating Over Galvanized Components, Add	*23,721.48*	
		For Stainless Steel Support Structure, Add	*47,442.97*	
23 65 14 14-0035	EA	1,200 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	200,498.50	17,925.51
		For Polymer Coating Over Galvanized Components, Add	*25,854.74*	
		For Stainless Steel Support Structure, Add	*51,709.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 65 14 14-0036	EA	1,300 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	213,276.82	19,466.76
		For Polymer Coating Over Galvanized Components, Add	*27,409.63*	
		For Stainless Steel Support Structure, Add	*54,819.26*	
23 65 14 14-0037	EA	1,400 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	225,647.10	21,119.71
		For Polymer Coating Over Galvanized Components, Add	*28,876.51*	
		For Stainless Steel Support Structure, Add	*57,753.01*	
23 65 14 14-0038	EA	1,500 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	237,575.84	22,861.99
		For Polymer Coating Over Galvanized Components, Add	*30,255.37*	
		For Stainless Steel Support Structure, Add	*60,510.74*	
23 65 14 14-0039	EA	1,600 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	248,582.70	24,436.77
		For Polymer Coating Over Galvanized Components, Add	*31,537.84*	
		For Stainless Steel Support Structure, Add	*63,075.68*	
23 65 14 14-0040	EA	1,700 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	259,343.44	26,234.90
		For Polymer Coating Over Galvanized Components, Add	*32,728.10*	
		For Stainless Steel Support Structure, Add	*65,456.21*	
23 65 14 14-0041	EA	1,800 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	269,964.14	28,312.25
		For Polymer Coating Over Galvanized Components, Add	*33,830.36*	
		For Stainless Steel Support Structure, Add	*67,660.72*	
23 65 14 14-0042	EA	1,900 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	279,931.11	30,389.59
		For Polymer Coating Over Galvanized Components, Add	*34,836.22*	
		For Stainless Steel Support Structure, Add	*69,672.43*	
23 65 14 14-0043	EA	2,000 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	290,495.18	33,226.42
		For Polymer Coating Over Galvanized Components, Add	*35,754.06*	
		For Stainless Steel Support Structure, Add	*71,508.12*	

23 65 14 14-0044 Induced Draft Crossflow Stainless Steel Propeller Type Cooling Towers *(23 65 14 14)*

Note: Excludes crane and associated personnel. See CSI section 01 22 23 00-0787 for crane lifting equipment.

23 65 14 14-0045	EA	100 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	95,057.71	2,847.97
		For Induced Draft Counter Flow Type, Add	*4,523.93*	
23 65 14 14-0046	EA	125 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	107,749.20	3,160.69
		For Induced Draft Counter Flow Type, Add	*5,131.70*	
23 65 14 14-0047	EA	150 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	117,738.53	3,585.10
		For Induced Draft Counter Flow Type, Add	*5,598.78*	
23 65 14 14-0048	EA	200 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	130,797.69	4,478.58
		For Induced Draft Counter Flow Type, Add	*6,180.26*	
23 65 14 14-0049	EA	250 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	148,056.37	5,606.61
		For Induced Draft Counter Flow Type, Add	*6,952.17*	
23 65 14 14-0050	EA	300 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	169,822.28	7,348.90
		For Induced Draft Counter Flow Type, Add	*7,900.30*	
23 65 14 14-0051	EA	350 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	184,969.50	8,275.89
		For Induced Draft Counter Flow Type, Add	*8,583.39*	
23 65 14 14-0052	EA	400 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	199,915.68	9,080.02
		For Induced Draft Counter Flow Type, Add	*9,266.48*	
23 65 14 14-0053	EA	500 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	230,666.21	10,911.67
		For Induced Draft Counter Flow Type, Add	*10,656.58*	
23 65 14 14-0054	EA	600 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	260,635.07	11,816.31
		For Induced Draft Counter Flow Type, Add	*12,082.43*	
23 65 14 14-0055	EA	750 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	323,036.31	12,843.82
		For Induced Draft Counter Flow Type, Add	*15,090.81*	
23 65 14 14-0056	EA	1,000 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	419,500.66	16,395.42
		For Induced Draft Counter Flow Type, Add	*19,688.98*	

23 65 14 16 Closed-Circuit, Induced-Draft Counterflow Cooling Towers *(23 65 14)*

23 65 14 16-0001 Stainless Steel Packaged Propeller Type Cooling Towers *(23 65 14 16)*

Note: Including internal piping, fan, motor, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping or power wiring. Rated by cooling capacity in tons. Based on design water temperature 95 degree F in, 85 degree F out 79 degree F wet Bulb. 3 GPM/ton.

23 65 14 16-0002 Draw-Thru Stainless Steel Propeller Type Cooling Towers *(23 65 14 16-0001)*

Note: Excludes crane and associated personnel. See CSI section 01 22 23 00-0787 for crane lifting equipment.

23 65 14 16-0003	EA	50 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	39,853.51	1,853.98
23 65 14 16-0004	EA	75 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	56,704.86	2,267.21
23 65 14 16-0005	EA	100 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	66,767.75	2,847.97
23 65 14 16-0006	EA	125 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	75,697.98	3,183.03
23 65 14 16-0007	EA	150 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	83,025.06	3,585.10
23 65 14 16-0008	EA	200 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	99,528.09	4,478.58
23 65 14 16-0009	EA	250 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	117,075.74	5,606.61
23 65 14 16-0010	EA	300 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	138,666.37	7,348.90
23 65 14 16-0011	EA	350 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	151,767.16	8,275.89
23 65 14 16-0012	EA	400 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	172,118.38	9,080.02
23 65 14 16-0013	EA	500 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	199,453.46	10,911.67
23 65 14 16-0014	EA	600 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	225,249.33	11,816.31
23 65 14 16-0015	EA	750 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	278,837.92	12,843.82
23 65 14 16-0016	EA	1,000 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	355,304.87	16,216.72

23 65 14 16-0017 Belt Driven Stainless Steel Propeller Type Cooling Towers *(23 65 14 16-0001)*

Note: Excludes crane and associated personnel. See CSI section 01 22 23 00-0787 for crane lifting equipment.

23 65 14 16-0018	EA	100 Ton Belt Driven Stainless Steel Propeller Type Cooling Tower	69,567.37	2,847.97
23 65 14 16-0019	EA	125 Ton Belt Driven Stainless Steel Propeller Type Cooling Tower	75,262.17	3,183.03
23 65 14 16-0020	EA	150 Ton Belt Driven Stainless Steel Propeller Type Cooling Tower	81,073.38	3,585.10

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 65 14 16-0021	EA	200 Ton Belt Driven Stainless Steel Propeller Type Cooling Tower	95,837.89	4,478.58
23 65 14 16-0022	EA	250 Ton Belt Driven Stainless Steel Propeller Type Cooling Tower	105,521.95	5,606.61

23 70 Central HVAC Equipment *(23)*

Note: New air filters shall be provided on HVAC equipment prior to turning over to owner. Where required, mechanical equipment excludes electrical connection, disconnect, or starter unless title states otherwise. See CSI section 26 05 19 16-0011 for electrical connection and termination, 26 05 83 00-0110 for terminations, 26 28 16 16-0001 for disconnect.

23 72 Air-To-Air Energy Recovery Equipment *(23 70)*

23 72 16 Heat-Pipe Air-To-Air Energy-Recovery Equipment *(23 72)*

23 72 16 00-0001 Glycol Heat Pipe Type, 50 Percent Efficient *(23 72 16)*

23 72 16 00-0002	EA	100 MBH, 1,700 CFM Glycol Heat Recovery Unit	19,708.57	598.01
23 72 16 00-0003	EA	160 MBH, 2,700 CFM Glycol Heat Recovery Unit	30,996.98	797.39
23 72 16 00-0004	EA	620 MBH, 4,000 CFM Glycol Heat Recovery Unit	45,951.00	1,196.02

23 73 Indoor Central-Station Air-Handling Units *(23 70)*

23 73 13 Modular Indoor Central-Station Air-Handling Units *(23 73)*

Note: Sized by CFM. Includes motor drive vibration isolators. Use modifiers for Filters and heating and cooling coils. Includes double wall insulated casing, fan section, fan motor, internal dampers, starter, vibration isolators and equipment rigging. Variable speed drives are included on units with 10 HP or greater fans. Modifiers include cooling coil sections with 6 row aluminum fin coil and drain pan, heating coil section with 1 row aluminum fin coil, and filter section with replaceable filters.

23 73 13 00-0001 Single Zone Units *(23 73 13)*

Note: Horizontal/vertical draw-thru fan, motor and cabinet.

23 73 13 00-0002	EA	300 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	2,831.74	660.23
		For Flat Filter Box And Throwaway Filters, Add	*236.01*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*443.73*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*660.88*	
		For Manual Roll Filter, Add	*1,133.02*	
		For Automatic Roll Filter, Add	*1,227.44*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*566.46*	
		For Electric Heating Coil, Add	*944.16*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*944.16*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*849.74*	
		For Steam Heating Coil, Aluminum Fins, Add	*755.31*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*613.72*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*1,133.02*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*1,038.59*	
		For Hot Water Heating Coil, Copper Fins, Add	*755.31*	
		For Variable Air Volume, Add	*264.40*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,300.24*	
		For 2 Coils, Independent Circuits, Add	*320.94*	
23 73 13 00-0003	EA	500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	4,472.19	792.29
		For Flat Filter Box And Throwaway Filters, Add	*390.67*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*747.42*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*1,115.47*	
		For Manual Roll Filter, Add	*1,950.79*	
		For Automatic Roll Filter, Add	*2,117.85*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*948.41*	
		For Electric Heating Coil, Add	*1,616.66*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*1,616.66*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*1,449.60*	
		For Steam Heating Coil, Aluminum Fins, Add	*1,282.54*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*1,058.93*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*1,950.79*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*1,783.73*	
		For Hot Water Heating Coil, Copper Fins, Add	*1,282.54*	
		For Variable Air Volume, Add	*467.78*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,431.64*	
		For 2 Coils, Independent Circuits, Add	*514.04*	
23 73 13 00-0004	EA	800 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	5,055.36	850.87
		For Flat Filter Box And Throwaway Filters, Add	*444.76*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*853.06*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*1,273.52*	
		For Manual Roll Filter, Add	*2,233.50*	
		For Automatic Roll Filter, Add	*2,425.49*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,081.52*	
		For Electric Heating Coil, Add	*1,849.50*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*1,849.50*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*1,657.51*	
		For Steam Heating Coil, Aluminum Fins, Add	*1,465.51*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*1,212.75*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*2,233.50*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*2,041.50*	
		For Hot Water Heating Coil, Copper Fins, Add	*1,465.51*	
		For Variable Air Volume, Add	*537.59*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,490.82*	
		For 2 Coils, Independent Circuits, Add	*582.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0005	EA	1,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	5,703.80	914.31
		For Flat Filter Box And Throwaway Filters, Add	*505.06*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*970.93*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*1,449.87*	
		For Manual Roll Filter, Add	*2,549.23*	
		For Automatic Roll Filter, Add	*2,769.10*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,230.00*	
		For Electric Heating Coil, Add	*2,109.48*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*2,109.48*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*1,889.61*	
		For Steam Heating Coil, Aluminum Fins, Add	*1,669.74*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*1,384.55*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*2,549.23*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*2,329.36*	
		For Hot Water Heating Coil, Copper Fins, Add	*1,669.74*	
		For Variable Air Volume, Add	*615.64*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,554.45*	
		For 2 Coils, Independent Circuits, Add	*658.33*	
23 73 13 00-0006	EA	1,200 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	6,468.47	983.63
		For Flat Filter Box And Throwaway Filters, Add	*576.67*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,111.23*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*1,659.83*	
		For Manual Roll Filter, Add	*2,926.06*	
		For Automatic Roll Filter, Add	*3,179.30*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,406.58*	
		For Electric Heating Coil, Add	*2,419.57*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*2,419.57*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*2,166.32*	
		For Steam Heating Coil, Aluminum Fins, Add	*1,913.07*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*1,589.65*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*2,926.06*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*2,672.81*	
		For Hot Water Heating Coil, Copper Fins, Add	*1,913.07*	
		For Variable Air Volume, Add	*709.09*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,622.49*	
		For 2 Coils, Independent Circuits, Add	*748.15*	
23 73 13 00-0007	EA	1,400 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	7,360.25	1,057.08
		For Flat Filter Box And Throwaway Filters, Add	*660.52*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,275.74*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*1,906.06*	
		For Manual Roll Filter, Add	*3,368.60*	
		For Automatic Roll Filter, Add	*3,661.11*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,613.55*	
		For Electric Heating Coil, Add	*2,783.58*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*2,783.58*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*2,491.08*	
		For Steam Heating Coil, Aluminum Fins, Add	*2,198.57*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*1,830.56*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*3,368.60*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*3,076.09*	
		For Hot Water Heating Coil, Copper Fins, Add	*2,198.57*	
		For Variable Air Volume, Add	*819.02*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,697.06*	
		For 2 Coils, Independent Circuits, Add	*853.03*	
23 73 13 00-0008	EA	1,600 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	8,059.16	1,136.43
		For Flat Filter Box And Throwaway Filters, Add	*724.91*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,401.23*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,093.74*	
		For Manual Roll Filter, Add	*3,703.52*	
		For Automatic Roll Filter, Add	*4,025.47*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,771.78*	
		For Electric Heating Coil, Add	*3,059.60*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*3,059.60*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*2,737.65*	
		For Steam Heating Coil, Aluminum Fins, Add	*2,415.69*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*2,012.74*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*3,703.52*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*3,381.56*	
		For Hot Water Heating Coil, Copper Fins, Add	*2,415.69*	
		For Variable Air Volume, Add	*901.48*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,774.04*	
		For 2 Coils, Independent Circuits, Add	*934.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0009	EA	1,800 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	8,816.56	1,224.74
		For Flat Filter Box And Throwaway Filters, Add	*794.19*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,535.91*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,295.12*	
		For Manual Roll Filter, Add	*4,061.95*	
		For Automatic Roll Filter, Add	*4,415.32*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,941.75*	
		For Electric Heating Coil, Add	*3,355.22*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*3,355.22*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*3,001.85*	
		For Steam Heating Coil, Aluminum Fins, Add	*2,648.49*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*2,207.66*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*4,061.95*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*3,708.58*	
		For Hot Water Heating Coil, Copper Fins, Add	*2,648.49*	
		For Variable Air Volume, Add	*989.42*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,712.08*	
		For 2 Coils, Independent Circuits, Add	*1,023.00*	
23 73 13 00-0010	EA	2,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	9,649.93	1,313.04
		For Flat Filter Box And Throwaway Filters, Add	*871.20*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,686.12*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,519.80*	
		For Manual Roll Filter, Add	*4,463.32*	
		For Automatic Roll Filter, Add	*4,852.02*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,131.10*	
		For Electric Heating Coil, Add	*3,685.91*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*3,685.91*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*3,297.21*	
		For Steam Heating Coil, Aluminum Fins, Add	*2,908.51*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*2,426.01*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*4,463.32*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*4,074.61*	
		For Hot Water Heating Coil, Copper Fins, Add	*2,908.51*	
		For Variable Air Volume, Add	*1,088.37*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,781.73*	
		For 2 Coils, Independent Circuits, Add	*1,120.47*	
23 73 13 00-0011	EA	2,250 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	10,418.50	1,411.37
		For Flat Filter Box And Throwaway Filters, Add	*941.04*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,821.59*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,722.30*	
		For Manual Roll Filter, Add	*4,822.87*	
		For Automatic Roll Filter, Add	*5,242.98*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,302.19*	
		For Electric Heating Coil, Add	*3,982.64*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*3,982.64*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*3,562.53*	
		For Steam Heating Coil, Aluminum Fins, Add	*3,142.42*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*2,621.49*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*4,822.87*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*4,402.75*	
		For Hot Water Heating Coil, Copper Fins, Add	*3,142.42*	
		For Variable Air Volume, Add	*1,176.32*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,858.93*	
		For 2 Coils, Independent Circuits, Add	*1,209.90*	
23 73 13 00-0012	EA	2,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	11,238.99	1,518.66
		For Flat Filter Box And Throwaway Filters, Add	*1,015.44*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,965.79*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,937.85*	
		For Manual Roll Filter, Add	*5,205.28*	
		For Automatic Roll Filter, Add	*5,658.76*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,484.36*	
		For Electric Heating Coil, Add	*4,298.30*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*4,298.30*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*3,844.82*	
		For Steam Heating Coil, Aluminum Fins, Add	*3,391.33*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*2,829.38*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*5,205.28*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*4,751.79*	
		For Hot Water Heating Coil, Copper Fins, Add	*3,391.33*	
		For Variable Air Volume, Add	*1,269.76*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,943.09*	
		For 2 Coils, Independent Circuits, Add	*1,305.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0013	EA	3,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	13,072.88	1,757.87
		For Flat Filter Box And Throwaway Filters, Add	*1,181.73*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,288.13*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*3,419.63*	
		For Manual Roll Filter, Add	*6,060.06*	
		For Automatic Roll Filter, Add	*6,588.15*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,891.55*	
		For Electric Heating Coil, Add	*5,003.89*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*5,003.89*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*4,475.80*	
		For Steam Heating Coil, Aluminum Fins, Add	*3,947.72*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*3,294.07*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*6,060.06*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*5,531.98*	
		For Hot Water Heating Coil, Copper Fins, Add	*3,947.72*	
		For Variable Air Volume, Add	*1,478.64*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,131.14*	
		For 2 Coils, Independent Circuits, Add	*1,518.52*	
23 73 13 00-0014	EA	3,250 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	13,693.08	1,889.10
		For Flat Filter Box And Throwaway Filters, Add	*1,234.33*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,387.68*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*3,568.03*	
		For Manual Roll Filter, Add	*6,316.43*	
		For Automatic Roll Filter, Add	*6,866.11*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,018.35*	
		For Electric Heating Coil, Add	*5,217.07*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*5,217.07*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*4,667.39*	
		For Steam Heating Coil, Aluminum Fins, Add	*4,117.71*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*3,433.06*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*6,316.43*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*5,766.75*	
		For Hot Water Heating Coil, Copper Fins, Add	*4,117.71*	
		For Variable Air Volume, Add	*1,539.11*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,234.71*	
		For 2 Coils, Independent Circuits, Add	*1,589.18*	
23 73 13 00-0015	EA	3,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	14,325.85	2,030.22
		For Flat Filter Box And Throwaway Filters, Add	*1,287.57*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,488.12*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*3,717.69*	
		For Manual Roll Filter, Add	*6,574.06*	
		For Automatic Roll Filter, Add	*7,145.34*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,146.41*	
		For Electric Heating Coil, Add	*5,431.51*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*5,431.51*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*4,860.24*	
		For Steam Heating Coil, Aluminum Fins, Add	*4,288.96*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*3,572.67*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*6,574.06*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*6,002.79*	
		For Hot Water Heating Coil, Copper Fins, Add	*4,288.96*	
		For Variable Air Volume, Add	*1,599.57*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,345.19*	
		For 2 Coils, Independent Circuits, Add	*1,661.10*	
23 73 13 00-0016	EA	4,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	15,717.22	2,343.83
		For Flat Filter Box And Throwaway Filters, Add	*1,404.25*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,708.02*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*4,045.28*	
		For Manual Roll Filter, Add	*7,137.24*	
		For Automatic Roll Filter, Add	*7,755.63*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,426.89*	
		For Electric Heating Coil, Add	*5,900.46*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*5,900.46*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*5,282.07*	
		For Steam Heating Coil, Aluminum Fins, Add	*4,663.67*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*3,877.81*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*7,137.24*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*6,518.85*	
		For Hot Water Heating Coil, Copper Fins, Add	*4,663.67*	
		For Variable Air Volume, Add	*1,731.49*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,279.76*	
		For 2 Coils, Independent Circuits, Add	*1,819.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0017	EA	4,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	15,717.22	2,343.83
		For Flat Filter Box And Throwaway Filters, Add	*1,404.25*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,708.02*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*4,045.28*	
		For Manual Roll Filter, Add	*7,137.24*	
		For Automatic Roll Filter, Add	*7,755.63*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,426.89*	
		For Electric Heating Coil, Add	*5,900.46*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*5,900.46*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*5,282.07*	
		For Steam Heating Coil, Aluminum Fins, Add	*4,663.67*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*3,877.81*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*7,137.24*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*6,518.85*	
		For Hot Water Heating Coil, Copper Fins, Add	*4,663.67*	
		For Variable Air Volume, Add	*1,731.49*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,279.76*	
		For 2 Coils, Independent Circuits, Add	*1,819.08*	
23 73 13 00-0018	EA	5,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	17,235.27	2,692.11
		For Flat Filter Box And Throwaway Filters, Add	*1,531.20*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,946.99*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*4,401.26*	
		For Manual Roll Filter, Add	*7,748.42*	
		For Automatic Roll Filter, Add	*8,417.85*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,731.82*	
		For Electric Heating Coil, Add	*6,409.55*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*6,409.55*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*5,740.12*	
		For Steam Heating Coil, Aluminum Fins, Add	*5,070.69*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*4,208.92*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*7,748.42*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*7,078.98*	
		For Hot Water Heating Coil, Copper Fins, Add	*5,070.69*	
		For Variable Air Volume, Add	*1,874.41*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,478.65*	
		For 2 Coils, Independent Circuits, Add	*1,991.30*	
23 73 13 00-0019	EA	5,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	18,111.74	2,920.72
		For Flat Filter Box And Throwaway Filters, Add	*1,602.50*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,079.80*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*4,598.84*	
		For Manual Roll Filter, Add	*8,083.42*	
		For Automatic Roll Filter, Add	*8,780.33*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,901.92*	
		For Electric Heating Coil, Add	*6,689.59*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*6,689.59*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*5,992.67*	
		For Steam Heating Coil, Aluminum Fins, Add	*5,295.75*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*4,390.17*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*8,083.42*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*7,386.50*	
		For Hot Water Heating Coil, Copper Fins, Add	*5,295.75*	
		For Variable Air Volume, Add	*1,951.36*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,609.37*	
		For 2 Coils, Independent Circuits, Add	*2,089.94*	
23 73 13 00-0020	EA	6,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	18,970.86	3,137.77
		For Flat Filter Box And Throwaway Filters, Add	*1,672.94*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,211.40*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*4,794.69*	
		For Manual Roll Filter, Add	*8,416.69*	
		For Automatic Roll Filter, Add	*9,141.09*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*4,070.29*	
		For Electric Heating Coil, Add	*6,967.89*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*6,967.89*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*6,243.49*	
		For Steam Heating Coil, Aluminum Fins, Add	*5,519.09*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*4,570.54*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*8,416.69*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*7,692.29*	
		For Hot Water Heating Coil, Copper Fins, Add	*5,519.09*	
		For Variable Air Volume, Add	*2,028.32*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,733.14*	
		For 2 Coils, Independent Circuits, Add	*2,186.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0021	EA	6,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	19,835.21	3,358.94
		For Flat Filter Box And Throwaway Filters, Add	*1,743.64*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,343.36*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*4,991.06*	
		For Manual Roll Filter, Add	*8,750.48*	
		For Automatic Roll Filter, Add	*9,502.36*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*4,239.17*	
		For Electric Heating Coil, Add	*7,246.71*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*7,246.71*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*6,494.83*	
		For Steam Heating Coil, Aluminum Fins, Add	*5,742.94*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*4,751.18*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*8,750.48*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*7,998.59*	
		For Hot Water Heating Coil, Copper Fins, Add	*5,742.94*	
		For Variable Air Volume, Add	*2,105.28*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,859.01*	
		For 2 Coils, Independent Circuits, Add	*2,284.27*	
23 73 13 00-0022	EA	7,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	20,831.24	3,615.61
		For Flat Filter Box And Throwaway Filters, Add	*1,824.86*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,494.75*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*5,216.30*	
		For Manual Roll Filter, Add	*9,132.77*	
		For Automatic Roll Filter, Add	*9,916.07*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*4,433.01*	
		For Electric Heating Coil, Add	*7,566.19*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*7,566.19*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*6,782.89*	
		For Steam Heating Coil, Aluminum Fins, Add	*5,999.60*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*4,958.03*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*9,132.77*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*8,349.48*	
		For Hot Water Heating Coil, Copper Fins, Add	*5,999.60*	
		For Variable Air Volume, Add	*2,193.22*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,006.14*	
		For 2 Coils, Independent Circuits, Add	*2,396.44*	
23 73 13 00-0023	EA	7,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	21,842.30	3,873.93
		For Flat Filter Box And Throwaway Filters, Add	*1,906.82*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,647.19*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*5,443.05*	
		For Manual Roll Filter, Add	*9,516.58*	
		For Automatic Roll Filter, Add	*10,331.28*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*4,628.35*	
		For Electric Heating Coil, Add	*7,887.17*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*7,887.17*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*7,072.46*	
		For Steam Heating Coil, Aluminum Fins, Add	*6,257.76*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*5,165.64*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*9,516.58*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*8,701.87*	
		For Hot Water Heating Coil, Copper Fins, Add	*6,257.76*	
		For Variable Air Volume, Add	*2,281.17*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,844.46*	
		For 2 Coils, Independent Circuits, Add	*2,510.11*	
23 73 13 00-0024	EA	8,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	22,884.33	4,171.75
		For Flat Filter Box And Throwaway Filters, Add	*1,990.33*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,801.80*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*5,672.89*	
		For Manual Roll Filter, Add	*9,903.47*	
		For Automatic Roll Filter, Add	*10,749.58*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*4,826.78*	
		For Electric Heating Coil, Add	*8,211.24*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*8,211.24*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*7,365.12*	
		For Steam Heating Coil, Aluminum Fins, Add	*6,519.01*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*5,374.79*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*9,903.47*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*9,057.35*	
		For Hot Water Heating Coil, Copper Fins, Add	*6,519.01*	
		For Variable Air Volume, Add	*2,369.12*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,968.61*	
		For 2 Coils, Independent Circuits, Add	*2,626.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0025	EA	9,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	24,071.61	4,519.31
		For Flat Filter Box And Throwaway Filters, Add	*2,085.03*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,976.79*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*5,932.97*	
		For Manual Roll Filter, Add	*10,340.23*	
		For Automatic Roll Filter, Add	*11,221.68*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*5,051.52*	
		For Electric Heating Coil, Add	*8,577.33*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*8,577.33*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*7,695.87*	
		For Steam Heating Coil, Aluminum Fins, Add	*6,814.42*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*5,610.84*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*10,340.23*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*9,458.78*	
		For Hot Water Heating Coil, Copper Fins, Add	*6,814.42*	
		For Variable Air Volume, Add	*2,468.07*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,112.77*	
		For 2 Coils, Independent Circuits, Add	*2,759.74*	
23 73 13 00-0026	EA	10,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	25,230.45	4,825.14
		For Flat Filter Box And Throwaway Filters, Add	*2,178.31*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*4,149.78*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*6,190.20*	
		For Manual Roll Filter, Add	*10,774.14*	
		For Automatic Roll Filter, Add	*11,690.93*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*5,273.41*	
		For Electric Heating Coil, Add	*8,940.56*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*8,940.56*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*8,023.78*	
		For Steam Heating Coil, Aluminum Fins, Add	*7,106.99*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*5,845.47*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*10,774.14*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*9,857.35*	
		For Hot Water Heating Coil, Copper Fins, Add	*7,106.99*	
		For Variable Air Volume, Add	*2,567.01*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,248.40*	
		For 2 Coils, Independent Circuits, Add	*2,889.76*	
23 73 13 00-0027	EA	11,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	25,340.71	4,671.99
		For Flat Filter Box And Throwaway Filters, Add	*2,201.49*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*4,203.44*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*6,271.90*	
		For Manual Roll Filter, Add	*10,944.18*	
		For Automatic Roll Filter, Add	*11,878.64*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*5,337.44*	
		For Electric Heating Coil, Add	*9,075.27*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*9,075.27*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*8,140.81*	
		For Steam Heating Coil, Aluminum Fins, Add	*7,206.35*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*5,939.32*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*10,944.18*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*10,009.72*	
		For Hot Water Heating Coil, Copper Fins, Add	*7,206.35*	
		For Variable Air Volume, Add	*2,616.48*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,175.47*	
		For 2 Coils, Independent Circuits, Add	*2,907.85*	
23 73 13 00-0028	EA	12,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	26,445.90	5,183.44
		For Flat Filter Box And Throwaway Filters, Add	*2,274.42*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*4,326.74*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*6,453.09*	
		For Manual Roll Filter, Add	*11,213.72*	
		For Automatic Roll Filter, Add	*12,165.84*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*5,500.97*	
		For Electric Heating Coil, Add	*9,309.47*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*9,309.47*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*8,357.34*	
		For Steam Heating Coil, Aluminum Fins, Add	*7,405.22*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*6,082.92*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*11,213.72*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*10,261.59*	
		For Hot Water Heating Coil, Copper Fins, Add	*7,405.22*	
		For Variable Air Volume, Add	*2,665.95*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,401.02*	
		For 2 Coils, Independent Circuits, Add	*3,025.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0029	EA	13,700 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	27,849.36	5,391.64
		For Flat Filter Box And Throwaway Filters, Add	*2,401.52*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*4,573.00*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*6,821.16*	
		For Manual Roll Filter, Add	*11,866.44*	
		For Automatic Roll Filter, Add	*12,875.50*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*5,812.10*	
		For Electric Heating Coil, Add	*9,848.33*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*9,848.33*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*8,839.27*	
		For Steam Heating Coil, Aluminum Fins, Add	*7,830.22*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*6,437.75*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*11,866.44*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*10,857.38*	
		For Hot Water Heating Coil, Copper Fins, Add	*7,830.22*	
		For Variable Air Volume, Add	*2,825.36*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,933.65*	
		For 2 Coils, Independent Circuits, Add	*3,188.56*	
23 73 13 00-0030	EA	15,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	29,326.48	5,600.44
		For Flat Filter Box And Throwaway Filters, Add	*2,532.31*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*4,824.42*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*7,196.60*	
		For Manual Roll Filter, Add	*12,526.54*	
		For Automatic Roll Filter, Add	*13,592.52*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*6,130.61*	
		For Electric Heating Coil, Add	*10,394.56*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*10,394.56*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*9,328.57*	
		For Steam Heating Coil, Aluminum Fins, Add	*8,262.59*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*6,796.26*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*12,526.54*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*11,460.55*	
		For Hot Water Heating Coil, Copper Fins, Add	*8,262.59*	
		For Variable Air Volume, Add	*2,984.77*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,001.35*	
		For 2 Coils, Independent Circuits, Add	*3,359.04*	
23 73 13 00-0031	EA	16,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	30,892.27	5,815.84
		For Flat Filter Box And Throwaway Filters, Add	*2,675.38*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*5,102.46*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*7,612.31*	
		For Manual Roll Filter, Add	*13,266.17*	
		For Automatic Roll Filter, Add	*14,396.94*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*6,481.54*	
		For Electric Heating Coil, Add	*11,004.62*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*11,004.62*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*9,873.85*	
		For Steam Heating Coil, Aluminum Fins, Add	*8,743.08*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*7,198.47*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*13,266.17*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*12,135.40*	
		For Hot Water Heating Coil, Copper Fins, Add	*8,743.08*	
		For Variable Air Volume, Add	*3,166.16*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,055.37*	
		For 2 Coils, Independent Circuits, Add	*3,541.54*	
23 73 13 00-0032	EA	17,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	32,523.85	6,031.48
		For Flat Filter Box And Throwaway Filters, Add	*2,821.75*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*5,385.11*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*8,034.61*	
		For Manual Roll Filter, Add	*14,012.38*	
		For Automatic Roll Filter, Add	*15,207.94*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*6,839.05*	
		For Electric Heating Coil, Add	*11,621.27*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*11,621.27*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*10,425.72*	
		For Steam Heating Coil, Aluminum Fins, Add	*9,230.16*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*7,603.97*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*14,012.38*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*12,816.83*	
		For Hot Water Heating Coil, Copper Fins, Add	*9,230.16*	
		For Variable Air Volume, Add	*3,347.55*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,122.55*	
		For 2 Coils, Independent Circuits, Add	*3,730.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0033	EA	20,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	36,255.82	6,466.18
		For Flat Filter Box And Throwaway Filters, Add	*3,163.43*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*6,049.58*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*10,378.80*	
		For Manual Roll Filter, Add	*14,970.98*	
		For Automatic Roll Filter, Add	*15,781.37*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*6,326.87*	
		For Electric Heating Coil, Add	*6,867.13*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*11,729.44*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*10,378.80*	
		For Steam Heating Coil, Aluminum Fins, Add	*9,028.15*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*7,215.36*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*14,430.73*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*13,080.08*	
		For Hot Water Heating Coil, Copper Fins, Add	*10,378.80*	
		For Variable Air Volume, Add	*3,781.80*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,352.52*	
		For 2 Coils, Independent Circuits, Add	*4,165.84*	
23 73 13 00-0034	EA	22,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	40,223.87	6,968.79
		For Flat Filter Box And Throwaway Filters, Add	*3,522.81*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*6,745.89*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*11,580.49*	
		For Manual Roll Filter, Add	*16,720.00*	
		For Automatic Roll Filter, Add	*17,626.98*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*7,045.63*	
		For Electric Heating Coil, Add	*7,650.28*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*13,092.11*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*11,580.49*	
		For Steam Heating Coil, Aluminum Fins, Add	*10,068.87*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*8,057.68*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*16,115.36*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*14,603.73*	
		For Hot Water Heating Coil, Copper Fins, Add	*11,580.49*	
		For Variable Air Volume, Add	*4,232.54*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,483.50*	
		For 2 Coils, Independent Circuits, Add	*4,627.04*	
23 73 13 00-0035	EA	25,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	44,558.84	7,466.91
		For Flat Filter Box And Throwaway Filters, Add	*3,922.14*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*7,524.02*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*12,926.85*	
		For Manual Roll Filter, Add	*18,687.11*	
		For Automatic Roll Filter, Add	*19,703.63*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*7,844.27*	
		For Electric Heating Coil, Add	*8,521.95*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*14,621.05*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*12,926.85*	
		For Steam Heating Coil, Aluminum Fins, Add	*11,232.66*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*9,004.72*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*18,009.43*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*16,315.24*	
		For Hot Water Heating Coil, Copper Fins, Add	*12,926.85*	
		For Variable Air Volume, Add	*4,743.74*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,603.12*	
		For 2 Coils, Independent Circuits, Add	*5,133.56*	
23 73 13 00-0036	EA	27,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	54,829.91	8,041.67
		For Flat Filter Box And Throwaway Filters, Add	*4,908.81*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*9,473.10*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*16,319.55*	
		For Manual Roll Filter, Add	*23,688.40*	
		For Automatic Roll Filter, Add	*24,988.79*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*9,817.61*	
		For Electric Heating Coil, Add	*10,684.54*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*18,486.86*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*16,319.55*	
		For Steam Heating Coil, Aluminum Fins, Add	*14,152.24*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*11,410.74*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*22,821.48*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*20,654.17*	
		For Hot Water Heating Coil, Copper Fins, Add	*16,319.55*	
		For Variable Air Volume, Add	*6,068.47*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,744.65*	
		For 2 Coils, Independent Circuits, Add	*6,349.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0037	EA	30,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	61,252.86	8,583.29
		For Flat Filter Box And Throwaway Filters, Add	*5,512.65*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*10,657.71*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*18,375.31*	
		For Manual Roll Filter, Add	*26,705.32*	
		For Automatic Roll Filter, Add	*28,175.32*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*11,025.29*	
		For Electric Heating Coil, Add	*12,005.30*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*20,825.31*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*18,375.31*	
		For Steam Heating Coil, Aluminum Fins, Add	*15,925.30*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*12,862.66*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*25,725.32*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*23,275.31*	
		For Hot Water Heating Coil, Copper Fins, Add	*18,375.31*	
		For Variable Air Volume, Add	*6,860.01*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,602.92*	
		For 2 Coils, Independent Circuits, Add	*7,105.29*	
23 73 13 00-0038	EA	32,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	67,105.57	9,242.94
		For Flat Filter Box And Throwaway Filters, Add	*6,050.68*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*11,705.42*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*20,187.54*	
		For Manual Roll Filter, Add	*29,351.89*	
		For Automatic Roll Filter, Add	*30,969.13*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*12,101.35*	
		For Electric Heating Coil, Add	*13,179.51*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*22,882.94*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*20,187.54*	
		For Steam Heating Coil, Aluminum Fins, Add	*17,492.15*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*14,136.87*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*28,273.73*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*25,578.34*	
		For Hot Water Heating Coil, Copper Fins, Add	*20,187.54*	
		For Variable Air Volume, Add	*7,547.11*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,744.64*	
		For 2 Coils, Independent Circuits, Add	*7,788.72*	
23 73 13 00-0039	EA	35,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	73,626.09	10,125.46
		For Flat Filter Box And Throwaway Filters, Add	*6,645.65*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*12,861.13*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*22,184.35*	
		For Manual Roll Filter, Add	*32,263.13*	
		For Automatic Roll Filter, Add	*34,041.74*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*13,291.31*	
		For Electric Heating Coil, Add	*14,477.04*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*25,148.70*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*22,184.35*	
		For Steam Heating Coil, Aluminum Fins, Add	*19,220.00*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*15,538.70*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*31,077.39*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*28,113.05*	
		For Hot Water Heating Coil, Copper Fins, Add	*22,184.35*	
		For Variable Air Volume, Add	*8,300.17*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,915.87*	
		For 2 Coils, Independent Circuits, Add	*8,548.35*	
23 73 13 00-0040	EA	37,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	79,239.68	10,646.41
		For Flat Filter Box And Throwaway Filters, Add	*7,163.87*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*13,871.69*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*23,933.41*	
		For Manual Roll Filter, Add	*34,819.83*	
		For Automatic Roll Filter, Add	*36,740.96*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*14,327.74*	
		For Electric Heating Coil, Add	*15,608.50*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*27,135.30*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*23,933.41*	
		For Steam Heating Coil, Aluminum Fins, Add	*20,731.52*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*16,769.54*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*33,539.07*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*30,337.18*	
		For Hot Water Heating Coil, Copper Fins, Add	*23,933.41*	
		For Variable Air Volume, Add	*8,965.29*	
		For Economizer, Panel, Controls And Damper(s), Add	*4,045.29*	
		For 2 Coils, Independent Circuits, Add	*9,204.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0041	EA	40,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	85,466.50	11,389.06
		For Flat Filter Box And Throwaway Filters, Add	*7,730.42*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*14,971.11*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*25,832.14*	
		For Manual Roll Filter, Add	*37,586.26*	
		For Automatic Roll Filter, Add	*39,660.52*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*15,460.84*	
		For Electric Heating Coil, Add	*16,843.68*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*29,289.23*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*25,832.14*	
		For Steam Heating Coil, Aluminum Fins, Add	*22,375.04*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*18,101.71*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*36,203.43*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*32,746.33*	
		For Hot Water Heating Coil, Copper Fins, Add	*25,832.14*	
		For Variable Air Volume, Add	*9,679.87*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,870.57*	
		For 2 Coils, Independent Circuits, Add	*9,929.49*	
23 73 13 00-0042	EA	45,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	92,245.80	12,297.00
		For Flat Filter Box And Throwaway Filters, Add	*8,346.19*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*16,165.35*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*27,894.08*	
		For Manual Roll Filter, Add	*40,589.34*	
		For Automatic Roll Filter, Add	*42,829.68*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*16,692.38*	
		For Electric Heating Coil, Add	*18,185.94*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*31,627.98*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*27,894.08*	
		For Steam Heating Coil, Aluminum Fins, Add	*24,160.18*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*19,547.89*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*39,095.78*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*35,361.88*	
		For Hot Water Heating Coil, Copper Fins, Add	*27,894.08*	
		For Variable Air Volume, Add	*10,454.92*	
		For Economizer, Panel, Controls And Damper(s), Add	*4,025.97*	
		For 2 Coils, Independent Circuits, Add	*10,718.14*	
23 73 13 00-0043	EA	47,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	96,098.46	12,874.58
		For Flat Filter Box And Throwaway Filters, Add	*8,691.95*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*16,833.16*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*29,044.97*	
		For Manual Roll Filter, Add	*42,260.86*	
		For Automatic Roll Filter, Add	*44,593.08*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*17,383.90*	
		For Electric Heating Coil, Add	*18,938.71*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*32,932.00*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*29,044.97*	
		For Steam Heating Coil, Aluminum Fins, Add	*25,157.95*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*20,353.03*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*40,706.05*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*36,819.02*	
		For Hot Water Heating Coil, Copper Fins, Add	*29,044.97*	
		For Variable Air Volume, Add	*10,883.67*	
		For Economizer, Panel, Controls And Damper(s), Add	*4,124.74*	
		For 2 Coils, Independent Circuits, Add	*11,164.66*	
23 73 13 00-0044	EA	50,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	99,730.41	13,369.76
		For Flat Filter Box And Throwaway Filters, Add	*9,018.82*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*17,465.10*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*30,134.53*	
		For Manual Roll Filter, Add	*43,844.34*	
		For Automatic Roll Filter, Add	*46,263.72*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*18,037.64*	
		For Electric Heating Coil, Add	*19,650.56*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*34,166.83*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*30,134.53*	
		For Steam Heating Coil, Aluminum Fins, Add	*26,102.23*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*21,115.71*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*42,231.43*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*38,199.13*	
		For Hot Water Heating Coil, Copper Fins, Add	*30,134.53*	
		For Variable Air Volume, Add	*11,290.43*	
		For Economizer, Panel, Controls And Damper(s), Add	*4,215.56*	
		For 2 Coils, Independent Circuits, Add	*11,585.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0045	EA	55,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	107,529.98	14,277.59
		For Flat Filter Box And Throwaway Filters, Add	*9,732.72*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*18,853.26*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*32,534.08*	
		For Manual Roll Filter, Add	*47,345.22*	
		For Automatic Roll Filter, Add	*49,958.95*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*19,465.43*	
		For Electric Heating Coil, Add	*21,207.92*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*36,890.30*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*32,534.08*	
		For Steam Heating Coil, Aluminum Fins, Add	*28,177.87*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*22,801.37*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*45,602.73*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*41,246.52*	
		For Hot Water Heating Coil, Copper Fins, Add	*32,534.08*	
		For Variable Air Volume, Add	*12,197.41*	
		For Economizer, Panel, Controls And Damper(s), Add	*4,380.71*	
		For 2 Coils, Independent Circuits, Add	*12,495.48*	
23 73 13 00-0046	EA	60,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	117,634.59	15,267.94
		For Flat Filter Box And Throwaway Filters, Add	*10,671.80*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*20,688.61*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*35,713.82*	
		For Manual Roll Filter, Add	*52,000.06*	
		For Automatic Roll Filter, Add	*54,874.11*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*21,343.60*	
		For Electric Heating Coil, Add	*23,259.63*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*40,503.89*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*35,713.82*	
		For Steam Heating Coil, Aluminum Fins, Add	*30,923.75*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*25,042.02*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*50,084.04*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*45,293.96*	
		For Hot Water Heating Coil, Copper Fins, Add	*35,713.82*	
		For Variable Air Volume, Add	*13,412.20*	
		For Economizer, Panel, Controls And Damper(s), Add	*4,083.32*	
		For 2 Coils, Independent Circuits, Add	*13,679.49*	
23 73 13 00-0047	EA	65,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	128,961.42	16,505.88
		For Flat Filter Box And Throwaway Filters, Add	*11,717.15*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*22,726.90*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*39,241.54*	
		For Manual Roll Filter, Add	*57,156.41*	
		For Automatic Roll Filter, Add	*60,317.85*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*23,434.30*	
		For Electric Heating Coil, Add	*25,541.93*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*44,510.62*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*39,241.54*	
		For Steam Heating Coil, Aluminum Fins, Add	*33,972.46*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*27,524.39*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*55,048.77*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*49,779.70*	
		For Hot Water Heating Coil, Copper Fins, Add	*39,241.54*	
		For Variable Air Volume, Add	*14,753.42*	
		For Economizer, Panel, Controls And Damper(s), Add	*4,257.98*	
		For 2 Coils, Independent Circuits, Add	*15,003.77*	
23 73 13 00-0048	EA	70,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	141,573.51	17,908.88
		For Flat Filter Box And Throwaway Filters, Add	*12,875.84*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*24,982.77*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*43,143.18*	
		For Manual Roll Filter, Add	*62,853.54*	
		For Automatic Roll Filter, Add	*66,331.84*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*25,751.68*	
		For Electric Heating Coil, Add	*28,070.55*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*48,940.34*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*43,143.18*	
		For Steam Heating Coil, Aluminum Fins, Add	*37,346.01*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*30,267.34*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*60,534.67*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*54,737.51*	
		For Hot Water Heating Coil, Copper Fins, Add	*43,143.18*	
		For Variable Air Volume, Add	*16,232.06*	
		For Economizer, Panel, Controls And Damper(s), Add	*4,463.02*	
		For 2 Coils, Independent Circuits, Add	*16,476.22*	

23 73 13 00-0049 Multi-Zone Units *(23 73 13)*

Note: Horizontal/vertical blow-thru fan, motor and cabinet.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0050	EA	1,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	8,403.50	1,485.30
		For Economizer, Panel, Controls And Damper(s), Add	*2,125.01*	
		For Flat Filter Box And Throwaway Filters, Add	*734.28*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,404.91*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*1,782.66*	
		For Manual Roll Filter, Add	*3,667.28*	
		For Automatic Roll Filter, Add	*3,667.28*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*840.35*	
		For Electric Heating Coil, Add	*965.99*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*3,039.07*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*3,039.07*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*3,667.28*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*3,667.28*	
		For 2 Coils, Independent Circuits, Add	*965.99*	
23 73 13 00-0051	EA	1,200 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	10,471.69	1,860.80
		For Economizer, Panel, Controls And Damper(s), Add	*2,500.87*	
		For Flat Filter Box And Throwaway Filters, Add	*914.25*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,748.75*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,219.17*	
		For Manual Roll Filter, Add	*4,563.16*	
		For Automatic Roll Filter, Add	*4,563.16*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,047.17*	
		For Electric Heating Coil, Add	*1,203.44*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*3,781.83*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*3,781.83*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*4,563.16*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*4,563.16*	
		For 2 Coils, Independent Circuits, Add	*1,203.44*	
23 73 13 00-0052	EA	1,600 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	12,958.83	1,980.47
		For Economizer, Panel, Controls And Damper(s), Add	*2,620.31*	
		For Flat Filter Box And Throwaway Filters, Add	*1,154.43*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,223.99*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,815.36*	
		For Manual Roll Filter, Add	*5,854.30*	
		For Automatic Roll Filter, Add	*5,854.30*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,295.88*	
		For Electric Heating Coil, Add	*1,498.48*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*4,841.32*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*4,841.32*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*5,854.30*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*5,854.30*	
		For 2 Coils, Independent Circuits, Add	*1,498.48*	
23 73 13 00-0053	EA	2,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	13,472.81	2,120.77
		For Economizer, Panel, Controls And Damper(s), Add	*2,760.22*	
		For Flat Filter Box And Throwaway Filters, Add	*1,195.84*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,300.81*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,913.87*	
		For Manual Roll Filter, Add	*6,047.05*	
		For Automatic Roll Filter, Add	*6,047.05*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,347.28*	
		For Electric Heating Coil, Add	*1,556.16*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*5,002.66*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*5,002.66*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*6,047.05*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*6,047.05*	
		For 2 Coils, Independent Circuits, Add	*1,556.16*	
23 73 13 00-0054	EA	2,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	15,772.77	2,273.45
		For Economizer, Panel, Controls And Damper(s), Add	*2,913.54*	
		For Flat Filter Box And Throwaway Filters, Add	*1,414.88*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,732.33*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*3,456.01*	
		For Manual Roll Filter, Add	*7,213.46*	
		For Automatic Roll Filter, Add	*7,213.46*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,577.28*	
		For Electric Heating Coil, Add	*1,827.77*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*5,960.98*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*5,960.98*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*7,213.46*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*7,213.46*	
		For 2 Coils, Independent Circuits, Add	*1,827.77*	
23 73 13 00-0055	EA	3,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	16,630.92	2,434.62
		For Economizer, Panel, Controls And Damper(s), Add	*3,074.50*	
		For Flat Filter Box And Throwaway Filters, Add	*1,489.20*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,874.06*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*3,636.05*	
		For Manual Roll Filter, Add	*7,581.97*	
		For Automatic Roll Filter, Add	*7,581.97*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,663.09*	
		For Electric Heating Coil, Add	*1,926.15*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*6,266.67*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*6,266.67*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*7,581.97*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*7,581.97*	
		For 2 Coils, Independent Circuits, Add	*1,926.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0056	EA	3,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	17,533.90	2,599.56
		For Economizer, Panel, Controls And Damper(s), Add	*3,239.35*	
		For Flat Filter Box And Throwaway Filters, Add	*1,567.72*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,024.04*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*3,826.47*	
		For Manual Roll Filter, Add	*7,972.63*	
		For Automatic Roll Filter, Add	*7,972.63*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,753.39*	
		For Electric Heating Coil, Add	*2,029.80*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*6,590.58*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*6,590.58*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*7,972.63*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*7,972.63*	
		For 2 Coils, Independent Circuits, Add	*2,029.80*	
23 73 13 00-0057	EA	4,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	19,563.74	2,789.50
		For Economizer, Panel, Controls And Damper(s), Add	*2,937.00*	
		For Flat Filter Box And Throwaway Filters, Add	*1,757.56*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,395.82*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*4,294.48*	
		For Manual Roll Filter, Add	*8,970.69*	
		For Automatic Roll Filter, Add	*8,970.69*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,956.37*	
		For Electric Heating Coil, Add	*2,268.12*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*7,411.95*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*7,411.95*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*8,970.69*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*8,970.69*	
		For 2 Coils, Independent Circuits, Add	*2,268.12*	
23 73 13 00-0058	EA	4,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	21,386.46	2,987.33
		For Economizer, Panel, Controls And Damper(s), Add	*3,097.31*	
		For Flat Filter Box And Throwaway Filters, Add	*1,925.25*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,722.47*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*4,706.44*	
		For Manual Roll Filter, Add	*9,842.03*	
		For Automatic Roll Filter, Add	*9,842.03*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,138.65*	
		For Electric Heating Coil, Add	*2,481.02*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*8,130.16*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*8,130.16*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*9,842.03*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*9,842.03*	
		For 2 Coils, Independent Circuits, Add	*2,481.02*	
23 73 13 00-0059	EA	5,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	22,608.64	3,190.58
		For Economizer, Panel, Controls And Damper(s), Add	*3,251.24*	
		For Flat Filter Box And Throwaway Filters, Add	*2,033.48*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,930.53*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*4,970.00*	
		For Manual Roll Filter, Add	*10,388.28*	
		For Automatic Roll Filter, Add	*10,388.28*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,260.86*	
		For Electric Heating Coil, Add	*2,622.08*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*8,582.19*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*8,582.19*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*10,388.28*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*10,388.28*	
		For 2 Coils, Independent Circuits, Add	*2,622.08*	
23 73 13 00-0060	EA	5,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	24,935.19	3,408.70
		For Economizer, Panel, Controls And Damper(s), Add	*3,429.52*	
		For Flat Filter Box And Throwaway Filters, Add	*2,249.93*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*4,353.70*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*5,503.02*	
		For Manual Roll Filter, Add	*11,522.02*	
		For Automatic Roll Filter, Add	*11,522.02*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,493.52*	
		For Electric Heating Coil, Add	*2,894.79*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*9,515.68*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*9,515.68*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*11,522.02*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*11,522.02*	
		For 2 Coils, Independent Circuits, Add	*2,894.79*	
23 73 13 00-0061	EA	6,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	26,530.76	3,648.03
		For Economizer, Panel, Controls And Damper(s), Add	*3,616.06*	
		For Flat Filter Box And Throwaway Filters, Add	*2,392.53*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*4,628.72*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*5,851.04*	
		For Manual Roll Filter, Add	*12,246.96*	
		For Automatic Roll Filter, Add	*12,246.96*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,653.08*	
		For Electric Heating Coil, Add	*3,079.47*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*10,114.99*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*10,114.99*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*12,246.96*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*12,246.96*	
		For 2 Coils, Independent Circuits, Add	*3,079.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0062	EA	6,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	29,094.57	3,961.42
		For Economizer, Panel, Controls And Damper(s), Add	*3,860.05*	
		For Flat Filter Box And Throwaway Filters, Add	*2,626.73*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*5,083.81*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*6,425.45*	
		For Manual Roll Filter, Add	*13,457.43*	
		For Automatic Roll Filter, Add	*13,457.43*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,909.46*	
		For Electric Heating Coil, Add	*3,378.26*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*11,113.44*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*11,113.44*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*13,457.43*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*13,457.43*	
		For 2 Coils, Independent Circuits, Add	*3,378.26*	
23 73 13 00-0063	EA	7,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	31,260.49	4,266.89
		For Economizer, Panel, Controls And Damper(s), Add	*4,101.14*	
		For Flat Filter Box And Throwaway Filters, Add	*2,821.40*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*5,460.01*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*6,901.18*	
		For Manual Roll Filter, Add	*14,451.43*	
		For Automatic Roll Filter, Add	*14,451.43*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,126.05*	
		For Electric Heating Coil, Add	*3,629.40*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*11,934.68*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*11,934.68*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*14,451.43*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*14,451.43*	
		For 2 Coils, Independent Circuits, Add	*3,629.40*	
23 73 13 00-0064	EA	7,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	32,804.97	4,613.39
		For Economizer, Panel, Controls And Damper(s), Add	*3,570.94*	
		For Flat Filter Box And Throwaway Filters, Add	*2,951.63*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*5,705.94*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*7,214.64*	
		For Manual Roll Filter, Add	*15,082.92*	
		For Automatic Roll Filter, Add	*15,082.92*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,280.50*	
		For Electric Heating Coil, Add	*3,805.05*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*12,460.16*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*12,460.16*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*15,082.92*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*15,082.92*	
		For 2 Coils, Independent Circuits, Add	*3,805.05*	
23 73 13 00-0065	EA	8,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	36,403.18	4,976.28
		For Economizer, Panel, Controls And Damper(s), Add	*3,785.23*	
		For Flat Filter Box And Throwaway Filters, Add	*3,284.66*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*6,355.94*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*8,033.83*	
		For Manual Roll Filter, Add	*16,820.87*	
		For Automatic Roll Filter, Add	*16,820.87*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,640.32*	
		For Electric Heating Coil, Add	*4,226.12*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*13,891.86*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*13,891.86*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*16,820.87*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*16,820.87*	
		For 2 Coils, Independent Circuits, Add	*4,226.12*	
23 73 13 00-0066	EA	8,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	38,332.55	5,364.18
		For Economizer, Panel, Controls And Damper(s), Add	*4,007.30*	
		For Flat Filter Box And Throwaway Filters, Add	*3,449.84*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*6,669.64*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*8,432.90*	
		For Manual Roll Filter, Add	*17,632.19*	
		For Automatic Roll Filter, Add	*17,632.19*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,833.26*	
		For Electric Heating Coil, Add	*4,446.54*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*14,565.76*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*14,565.76*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*17,632.19*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*17,632.19*	
		For 2 Coils, Independent Circuits, Add	*4,446.54*	
23 73 13 00-0067	EA	9,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	40,469.19	5,810.07
		For Economizer, Panel, Controls And Damper(s), Add	*4,249.45*	
		For Flat Filter Box And Throwaway Filters, Add	*3,633.24*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*7,018.27*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*8,876.25*	
		For Manual Roll Filter, Add	*18,534.93*	
		For Automatic Roll Filter, Add	*18,534.93*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*4,046.92*	
		For Electric Heating Coil, Add	*4,690.83*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*15,315.37*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*15,315.37*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*18,534.93*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*18,534.93*	
		For 2 Coils, Independent Circuits, Add	*4,690.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0068	EA	10,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	42,771.06	6,271.89
		For Economizer, Panel, Controls And Damper(s), Add	*3,869.72*	
		For Flat Filter Box And Throwaway Filters, Add	*3,828.82*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*7,388.67*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*9,347.91*	
		For Manual Roll Filter, Add	*19,489.51*	
		For Automatic Roll Filter, Add	*19,489.51*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*4,277.11*	
		For Electric Heating Coil, Add	*4,953.21*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*16,108.98*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*16,108.98*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*19,489.51*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*19,489.51*	
		For 2 Coils, Independent Circuits, Add	*4,953.21*	
23 73 13 00-0069	EA	11,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	43,973.68	6,511.57
		For Economizer, Panel, Controls And Damper(s), Add	*3,977.25*	
		For Flat Filter Box And Throwaway Filters, Add	*3,931.16*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*7,582.59*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*9,594.79*	
		For Manual Roll Filter, Add	*19,989.64*	
		For Automatic Roll Filter, Add	*19,989.64*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*4,397.37*	
		For Electric Heating Coil, Add	*5,090.36*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*16,524.69*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*16,524.69*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*19,989.64*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*19,989.64*	
		For 2 Coils, Independent Circuits, Add	*5,090.36*	
23 73 13 00-0070	EA	12,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	45,122.44	6,743.95
		For Economizer, Panel, Controls And Damper(s), Add	*4,068.64*	
		For Flat Filter Box And Throwaway Filters, Add	*4,030.80*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*7,772.75*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*9,836.29*	
		For Manual Roll Filter, Add	*20,484.39*	
		For Automatic Roll Filter, Add	*20,484.39*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*4,512.24*	
		For Electric Heating Coil, Add	*5,222.12*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*16,935.02*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*16,935.02*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*20,484.39*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*20,484.39*	
		For 2 Coils, Independent Circuits, Add	*5,222.12*	
23 73 13 00-0071	EA	13,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	51,038.67	7,015.00
		For Economizer, Panel, Controls And Damper(s), Add	*3,409.64*	
		For Flat Filter Box And Throwaway Filters, Add	*4,601.46*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*8,901.47*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*11,252.43*	
		For Manual Roll Filter, Add	*23,549.57*	
		For Automatic Roll Filter, Add	*23,549.57*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*5,103.87*	
		For Electric Heating Coil, Add	*5,923.68*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*19,450.52*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*19,450.52*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*23,549.57*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*23,549.57*	
		For 2 Coils, Independent Circuits, Add	*5,923.68*	
23 73 13 00-0072	EA	15,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	56,910.56	7,292.88
		For Economizer, Panel, Controls And Damper(s), Add	*3,559.08*	
		For Flat Filter Box And Throwaway Filters, Add	*5,169.89*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*10,027.08*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*12,664.15*	
		For Manual Roll Filter, Add	*26,610.32*	
		For Automatic Roll Filter, Add	*26,610.32*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*5,691.06*	
		For Electric Heating Coil, Add	*6,620.80*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*21,961.60*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*21,961.60*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*26,610.32*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*26,610.32*	
		For 2 Coils, Independent Circuits, Add	*6,620.80*	
23 73 13 00-0073	EA	16,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	65,479.00	7,567.94
		For Economizer, Panel, Controls And Damper(s), Add	*3,625.95*	
		For Flat Filter Box And Throwaway Filters, Add	*6,007.63*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*11,691.09*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*14,748.94*	
		For Manual Roll Filter, Add	*31,151.01*	
		For Automatic Roll Filter, Add	*31,151.01*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*6,547.90*	
		For Electric Heating Coil, Add	*7,641.37*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*25,683.65*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*25,683.65*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*31,151.01*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*31,151.01*	
		For 2 Coils, Independent Circuits, Add	*7,641.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0074	EA	17,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	74,052.84	7,840.29
		For Economizer, Panel, Controls And Damper(s), Add	*3,693.77*	
		For Flat Filter Box And Throwaway Filters, Add	*6,845.64*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*13,355.48*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*16,834.27*	
		For Manual Roll Filter, Add	*35,692.23*	
		For Automatic Roll Filter, Add	*35,692.23*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*7,405.28*	
		For Electric Heating Coil, Add	*8,662.48*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*29,406.24*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*29,406.24*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*35,692.23*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*35,692.23*	
		For 2 Coils, Independent Circuits, Add	*8,662.48*	
23 73 13 00-0075	EA	20,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	83,167.22	8,500.53
		For Economizer, Panel, Controls And Damper(s), Add	*3,859.62*	
		For Flat Filter Box And Throwaway Filters, Add	*7,709.69*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*11,503.83*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*18,970.71*	
		For Manual Roll Filter, Add	*29,624.69*	
		For Automatic Roll Filter, Add	*36,727.35*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*8,316.72*	
		For Electric Heating Coil, Add	*9,737.25*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*29,624.69*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*29,624.69*	
		For Steam Heating Coil, Aluminum Fins, Add	*15,419.38*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*36,727.35*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*36,727.35*	
		For 2 Coils, Independent Circuits, Add	*9,737.25*	
23 73 13 00-0076	EA	22,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	89,694.93	9,243.30
		For Economizer, Panel, Controls And Damper(s), Add	*3,734.85*	
		For Flat Filter Box And Throwaway Filters, Add	*8,312.88*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*12,403.65*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*20,453.89*	
		For Manual Roll Filter, Add	*31,938.28*	
		For Automatic Roll Filter, Add	*39,594.54*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*8,969.49*	
		For Electric Heating Coil, Add	*10,500.75*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*31,938.28*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*31,938.28*	
		For Steam Heating Coil, Aluminum Fins, Add	*16,625.76*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*39,594.54*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*39,594.54*	
		For 2 Coils, Independent Circuits, Add	*10,500.75*	
23 73 13 00-0077	EA	25,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	107,079.48	9,985.71
		For Economizer, Panel, Controls And Damper(s), Add	*3,904.30*	
		For Flat Filter Box And Throwaway Filters, Add	*9,994.85*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*14,920.96*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*24,630.57*	
		For Manual Roll Filter, Add	*38,553.19*	
		For Automatic Roll Filter, Add	*47,834.93*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*10,707.95*	
		For Electric Heating Coil, Add	*12,564.30*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*38,553.19*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*38,553.19*	
		For Steam Heating Coil, Aluminum Fins, Add	*19,989.69*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*47,834.93*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*47,834.93*	
		For 2 Coils, Independent Circuits, Add	*12,564.30*	
23 73 13 00-0078	EA	27,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	121,079.28	10,811.35
		For Economizer, Panel, Controls And Damper(s), Add	*4,078.43*	
		For Flat Filter Box And Throwaway Filters, Add	*11,336.79*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*16,928.06*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*27,956.39*	
		For Manual Roll Filter, Add	*43,804.85*	
		For Automatic Roll Filter, Add	*54,370.50*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*12,107.93*	
		For Electric Heating Coil, Add	*14,221.06*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*43,804.85*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*43,804.85*	
		For Steam Heating Coil, Aluminum Fins, Add	*22,673.57*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*54,370.50*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*54,370.50*	
		For 2 Coils, Independent Circuits, Add	*14,221.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0079	EA	30,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	131,239.93	11,637.00
		For Economizer, Panel, Controls And Damper(s), Add	*4,259.74*	
		For Flat Filter Box And Throwaway Filters, Add	*12,292.41*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*18,355.46*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*30,315.25*	
		For Manual Roll Filter, Add	*47,506.50*	
		For Automatic Roll Filter, Add	*58,967.34*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*13,123.99*	
		For Electric Heating Coil, Add	*15,416.16*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*47,506.50*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*47,506.50*	
		For Steam Heating Coil, Aluminum Fins, Add	*24,584.83*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*58,967.34*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*58,967.34*	
		For 2 Coils, Independent Circuits, Add	*15,416.16*	
23 73 13 00-0080	EA	32,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	146,645.66	13,616.99
		For Economizer, Panel, Controls And Damper(s), Add	*4,259.24*	
		For Flat Filter Box And Throwaway Filters, Add	*13,692.87*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*20,442.14*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*33,746.33*	
		For Manual Roll Filter, Add	*52,828.09*	
		For Automatic Roll Filter, Add	*65,549.27*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*14,664.57*	
		For Electric Heating Coil, Add	*17,208.80*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*52,828.09*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*52,828.09*	
		For Steam Heating Coil, Aluminum Fins, Add	*27,385.74*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*65,549.27*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*65,549.27*	
		For 2 Coils, Independent Circuits, Add	*17,208.80*	
23 73 13 00-0081	EA	35,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	147,372.50	14,112.53
		For Economizer, Panel, Controls And Damper(s), Add	*4,350.09*	
		For Flat Filter Box And Throwaway Filters, Add	*13,729.21*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*20,493.02*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*33,819.01*	
		For Manual Roll Filter, Add	*52,900.78*	
		For Automatic Roll Filter, Add	*65,621.95*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*14,737.25*	
		For Electric Heating Coil, Add	*17,281.49*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*52,900.78*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*52,900.78*	
		For Steam Heating Coil, Aluminum Fins, Add	*27,458.43*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*65,621.95*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*65,621.95*	
		For 2 Coils, Independent Circuits, Add	*17,281.49*	
23 73 13 00-0082	EA	37,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	154,145.84	14,607.23
		For Economizer, Panel, Controls And Damper(s), Add	*4,440.95*	
		For Flat Filter Box And Throwaway Filters, Add	*14,370.20*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*21,450.87*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*35,403.32*	
		For Manual Roll Filter, Add	*55,392.05*	
		For Automatic Roll Filter, Add	*68,717.88*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*15,414.58*	
		For Electric Heating Coil, Add	*18,079.75*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*55,392.05*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*55,392.05*	
		For Steam Heating Coil, Aluminum Fins, Add	*28,740.41*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*68,717.88*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*68,717.88*	
		For 2 Coils, Independent Circuits, Add	*18,079.75*	
23 73 13 00-0083	EA	40,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	161,258.69	15,680.59
		For Economizer, Panel, Controls And Damper(s), Add	*4,628.23*	
		For Flat Filter Box And Throwaway Filters, Add	*15,006.58*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*22,397.93*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*36,956.79*	
		For Manual Roll Filter, Add	*57,787.72*	
		For Automatic Roll Filter, Add	*71,675.00*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*16,125.87*	
		For Electric Heating Coil, Add	*18,903.33*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*57,787.72*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*57,787.72*	
		For Steam Heating Coil, Aluminum Fins, Add	*30,013.15*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*71,675.00*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*71,675.00*	
		For 2 Coils, Independent Circuits, Add	*18,903.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0084	EA	45,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	173,813.08	16,505.88
		For Economizer, Panel, Controls And Damper(s), Add	*4,764.44*	
		For Flat Filter Box And Throwaway Filters, Add	*16,207.53*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*24,193.92*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*39,931.95*	
		For Manual Roll Filter, Add	*62,482.58*	
		For Automatic Roll Filter, Add	*77,516.34*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*17,381.31*	
		For Electric Heating Coil, Add	*20,388.06*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*62,482.58*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*62,482.58*	
		For Steam Heating Coil, Aluminum Fins, Add	*32,415.07*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*77,516.34*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*77,516.34*	
		For 2 Coils, Independent Circuits, Add	*20,388.06*	
23 73 13 00-0085	EA	50,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	186,867.72	17,413.71
		For Economizer, Panel, Controls And Damper(s), Add	*4,390.83*	
		For Flat Filter Box And Throwaway Filters, Add	*17,441.36*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*26,037.49*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*42,980.68*	
		For Manual Roll Filter, Add	*67,274.59*	
		For Automatic Roll Filter, Add	*83,470.53*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*18,686.77*	
		For Electric Heating Coil, Add	*21,925.96*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*67,274.59*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*67,274.59*	
		For Steam Heating Coil, Aluminum Fins, Add	*34,882.71*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*83,470.53*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*83,470.53*	
		For 2 Coils, Independent Circuits, Add	*21,925.96*	
23 73 13 00-0086	EA	55,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	201,311.53	18,486.59
		For Economizer, Panel, Controls And Damper(s), Add	*4,539.54*	
		For Flat Filter Box And Throwaway Filters, Add	*18,811.38*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*28,085.10*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*46,368.58*	
		For Manual Roll Filter, Add	*72,606.00*	
		For Automatic Roll Filter, Add	*90,097.61*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*20,131.15*	
		For Electric Heating Coil, Add	*23,629.48*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*72,606.00*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*72,606.00*	
		For Steam Heating Coil, Aluminum Fins, Add	*37,622.77*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*90,097.61*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*90,097.61*	
		For 2 Coils, Independent Circuits, Add	*23,629.48*	
23 73 13 00-0087	EA	60,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	216,001.70	18,981.76
		For Economizer, Panel, Controls And Damper(s), Add	*4,606.87*	
		For Flat Filter Box And Throwaway Filters, Add	*20,246.74*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*30,234.76*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*49,940.12*	
		For Manual Roll Filter, Add	*78,280.07*	
		For Automatic Roll Filter, Add	*97,173.37*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*21,600.17*	
		For Electric Heating Coil, Add	*25,378.83*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*78,280.07*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*78,280.07*	
		For Steam Heating Coil, Aluminum Fins, Add	*40,493.47*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*97,173.37*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*97,173.37*	
		For 2 Coils, Independent Circuits, Add	*25,378.83*	

23 73 13 00-0088 Return/Supply Air Fan *(23 73 13)*

Note: Includes vibration mounts.

23 73 13 00-0089	EA	300 CFM Return Air Fan	3,774.21	660.12
23 73 13 00-0090	EA	500 CFM Return Air Fan	4,903.81	792.17
23 73 13 00-0091	EA	750 CFM Return Air Fan	5,122.59	825.17
23 73 13 00-0092	EA	1,000 CFM Return Air Fan	5,857.31	874.70
23 73 13 00-0093	EA	1,250 CFM Return Air Fan	6,033.40	915.96
23 73 13 00-0094	EA	1,500 CFM Return Air Fan	6,170.30	957.22
23 73 13 00-0095	EA	1,750 CFM Return Air Fan	6,475.47	1,006.74
23 73 13 00-0096	EA	2,000 CFM Return Air Fan	7,210.18	1,056.26
23 73 13 00-0097	EA	2,250 CFM Return Air Fan	7,554.29	1,105.78
23 73 13 00-0098	EA	2,500 CFM Return Air Fan	7,742.22	1,155.29
23 73 13 00-0099	EA	3,000 CFM Return Air Fan	8,192.08	1,279.09
23 73 13 00-0100	EA	3,500 CFM Return Air Fan	8,403.78	1,345.12
23 73 13 00-0101	EA	4,000 CFM Return Air Fan	8,603.42	1,402.89
23 73 13 00-0102	EA	4,500 CFM Return Air Fan	8,854.15	1,469.02
23 73 13 00-0103	EA	5,000 CFM Return Air Fan	9,077.27	1,543.30
23 73 13 00-0104	EA	5,500 CFM Return Air Fan	9,492.64	1,724.87
23 73 13 00-0105	EA	6,000 CFM Return Air Fan	10,772.45	2,046.72
23 73 13 00-0106	EA	6,500 CFM Return Air Fan	11,054.64	2,079.74
23 73 13 00-0107	EA	7,000 CFM Return Air Fan	11,183.06	2,087.99
23 73 13 00-0108	EA	8,000 CFM Return Air Fan	11,777.66	2,121.01
23 73 13 00-0109	EA	9,000 CFM Return Air Fan	12,043.45	2,145.76
23 73 13 00-0110	EA	10,000 CFM Return Air Fan	12,673.07	2,228.65

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0111	EA	12,500 CFM Return Air Fan	13,510.94	2,269.44
23 73 13 00-0112	EA	15,000 CFM Return Air Fan	15,284.01	2,333.93
23 73 13 00-0113	EA	17,500 CFM Return Air Fan	16,673.45	2,459.26
23 73 13 00-0114	EA	20,000 CFM Return Air Fan	19,872.24	2,566.31
23 73 13 00-0115	EA	22,500 CFM Return Air Fan	20,828.30	2,655.80
23 73 13 00-0116	EA	25,000 CFM Return Air Fan	21,781.65	2,731.72
23 73 13 00-0117	EA	27,500 CFM Return Air Fan	23,073.42	3,004.07
23 73 13 00-0118	EA	30,000 CFM Return Air Fan	24,674.85	3,168.90
23 73 13 00-0119	EA	35,000 CFM Return Air Fan	27,871.67	3,300.82
23 73 13 00-0120	EA	40,000 CFM Return Air Fan	32,873.39	3,630.94
23 73 13 00-0121	EA	45,000 CFM Return Air Fan	40,491.84	4,126.12
23 73 13 00-0122	EA	50,000 CFM Return Air Fan	49,374.39	4,275.03
23 73 13 00-0123	EA	55,000 CFM Return Air Fan	51,692.86	4,398.46
23 73 13 00-0124	EA	60,000 CFM Return Air Fan	52,879.93	4,514.00
23 73 13 00-0125	EA	65,000 CFM Return Air Fan	55,459.87	4,711.96
23 73 13 00-0126	EA	70,000 CFM Return Air Fan	58,252.27	4,943.98
23 73 13 00-0127	EA	75,000 CFM Return Air Fan	62,668.52	5,186.50
23 73 13 00-0128	EA	80,000 CFM Return Air Fan	65,443.32	5,461.44
23 73 13 00-0129	EA	90,000 CFM Return Air Fan	67,559.21	5,772.46
23 73 13 00-0130	EA	100,000 CFM Return Air Fan	72,660.87	6,036.67
23 73 13 00-0131	EA	115,000 CFM Return Air Fan	78,189.12	6,325.41
23 73 13 00-0132	EA	130,000 CFM Return Air Fan	84,188.43	6,644.08
23 73 13 00-0133	EA	150,000 CFM Return Air Fan	92,149.27	6,998.02

23 73 13 00-0134 Removal And Reinstallation Of Air Handling Unit *(23 73 13)*

Note: Air handling units with filter and coils. Includes storage and cleaning. Excludes ductwork.

23 73 13 00-0135	EA	Removal And Reinstallation Of Up To 11,500 CFM Air Handling Unit	3,023.06	
23 73 13 00-0136	EA	Removal And Reinstallation Of >11,500 To 16,500 CFM Air Handling Unit	4,100.84	
23 73 13 00-0137	EA	Removal And Reinstallation Of >16,500 To 22,000 CFM Air Handling Unit	5,101.40	
23 73 13 00-0138	EA	Removal And Reinstallation Of >22,000 CFM Air Handling Unit	9,307.83	

23 74 Packaged Outdoor HVAC Equipment *(23 70)*

23 74 16 Packaged Rooftop Air-Conditioning Units *(23 74)*

23 74 16 13 Packaged, Large-Capacity, Rooftop Air-Conditioning Units *(23 74 16)*

23 74 16 13-0001 Electric Cooling, Electric Heat, Self Contained Packaged Rooftop Air-Conditioning Units *(23 74 16 13)*

Note: Electric heating capacity is approximately 1/2 the cooling capacity. Units < 5 tons have 14 SEER, units 5 to < 20 tons have 11 EER, and units 20 tons and over have 10 EER. Includes roof curb and economizer. Excludes crane and associated personnel. See CSI section 01 22 23 00-0787 for crane lifting equipment, 26 28 16 16-0001 for disconnects.

23 74 16 13-0002	EA	2 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	5,997.20	1,842.81
		For Unit Without Heat, Deduct	*-422.71*	
		For Unit Without Factory Installed Economizer, Deduct	*-1,136.65*	
		For Unit Without Roof Curb, Deduct	*-795.52*	
23 74 16 13-0003	EA	3 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	6,789.12	1,926.57
		For Unit Without Heat, Deduct	*-467.89*	
		For Unit Without Factory Installed Economizer, Deduct	*-1,136.65*	
		For Unit Without Roof Curb, Deduct	*-795.52*	
23 74 16 13-0004	EA	4 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	8,115.70	2,010.34
		For Unit Without Heat, Deduct	*-539.81*	
		For Unit Without Factory Installed Economizer, Deduct	*-1,136.65*	
		For Unit Without Roof Curb, Deduct	*-795.52*	
23 74 16 13-0005	EA	5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	9,705.90	2,135.98
		For Unit Without Heat, Deduct	*-627.69*	
		For Unit Without Factory Installed Economizer, Deduct	*-1,136.65*	
		For Unit Without Roof Curb, Deduct	*-795.52*	
23 74 16 13-0006	EA	6 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	10,515.48	2,261.63
		For Unit Without Heat, Deduct	*-676.55*	
		For Unit Without Factory Installed Economizer, Deduct	*-1,136.65*	
		For Unit Without Roof Curb, Deduct	*-795.52*	
23 74 16 13-0007	EA	7.5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	12,242.52	2,429.16
		For Unit Without Heat, Deduct	*-774.07*	
		For Unit Without Factory Installed Economizer, Deduct	*-1,160.14*	
		For Unit Without Roof Curb, Deduct	*-954.65*	
23 74 16 13-0008	EA	8.5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	14,692.30	2,554.80
		For Unit Without Heat, Deduct	*-904.94*	
		For Unit Without Factory Installed Economizer, Deduct	*-1,160.14*	
		For Unit Without Roof Curb, Deduct	*-954.65*	
23 74 16 13-0009	EA	10 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	15,488.92	2,722.33
		For Unit Without Heat, Deduct	*-955.94*	
		For Unit Without Factory Installed Economizer, Deduct	*-1,186.42*	
		For Unit Without Roof Curb, Deduct	*-954.65*	
23 74 16 13-0010	EA	12.5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	19,028.70	2,941.79
		For Unit Without Heat, Deduct	*-1,147.58*	
		For Unit Without Factory Installed Economizer, Deduct	*-1,281.34*	
		For Unit Without Roof Curb, Deduct	*-954.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 13-0011	EA	15 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	20,661.16	3,162.09
		For Unit Without Heat, Deduct	*-1,243.86*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,422.12*	
		For Unit Without Roof Curb, Deduct	*-954.65*	
23 74 16 13-0012	EA	17.5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	23,620.25	3,381.84
		For Unit Without Heat, Deduct	*-1,406.48*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,422.12*	
		For Unit Without Roof Curb, Deduct	*-954.65*	
23 74 16 13-0013	EA	20 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	26,647.70	3,601.86
		For Unit Without Heat, Deduct	*-1,572.51*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,422.12*	
		For Unit Without Roof Curb, Deduct	*-954.65*	
23 74 16 13-0014	EA	22.5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	29,661.41	3,968.19
		For Unit Without Heat, Deduct	*-1,747.63*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,422.12*	
		For Unit Without Roof Curb, Deduct	*-954.65*	
23 74 16 13-0015	EA	25 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	31,640.44	4,334.79
		For Unit Without Heat, Deduct	*-1,871.01*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,422.12*	
		For Unit Without Roof Curb, Deduct	*-954.65*	
23 74 16 13-0016	EA	27.5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	33,987.22	4,743.28
		For Unit Without Heat, Deduct	*-2,015.57*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,422.12*	
		For Unit Without Roof Curb, Deduct	*-1,390.63*	
23 74 16 13-0017	EA	30 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	37,111.41	5,151.49
		For Unit Without Heat, Deduct	*-2,199.00*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,422.12*	
		For Unit Without Roof Curb, Deduct	*-1,390.63*	
23 74 16 13-0018	EA	35 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	43,030.28	6,010.07
		For Unit Without Heat, Deduct	*-2,552.19*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,422.12*	
		For Unit Without Roof Curb, Deduct	*-1,390.63*	
23 74 16 13-0019	EA	40 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	49,391.85	6,868.65
		For Unit Without Heat, Deduct	*-2,927.50*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,422.12*	
		For Unit Without Roof Curb, Deduct	*-2,112.35*	
23 74 16 13-0020	EA	45 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	54,029.12	7,748.17
		For Unit Without Heat, Deduct	*-3,218.00*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,422.12*	
		For Unit Without Roof Curb, Deduct	*-2,112.35*	
23 74 16 13-0021	EA	50 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	62,314.78	8,627.69
		For Unit Without Heat, Deduct	*-3,690.92*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,422.12*	
		For Unit Without Roof Curb, Deduct	*-2,112.35*	
23 74 16 13-0022	EA	55 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	69,400.10	9,465.34
		For Unit Without Heat, Deduct	*-4,101.03*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,422.12*	
		For Unit Without Roof Curb, Deduct	*-2,626.29*	
23 74 16 13-0023	EA	60 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	75,041.60	10,302.98
		For Unit Without Heat, Deduct	*-4,438.95*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,422.12*	
		For Unit Without Roof Curb, Deduct	*-2,626.29*	
23 74 16 13-0024	EA	65 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	80,426.69	11,140.61
		For Unit Without Heat, Deduct	*-4,764.04*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,422.12*	
		For Unit Without Roof Curb, Deduct	*-2,853.23*	
23 74 16 13-0025	EA	70 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	86,492.41	11,978.26
		For Unit Without Heat, Deduct	*-5,123.17*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,422.12*	
		For Unit Without Roof Curb, Deduct	*-2,853.23*	
23 74 16 13-0026	EA	75 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	93,695.07	12,899.66
		For Unit Without Heat, Deduct	*-5,544.73*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,422.12*	
		For Unit Without Roof Curb, Deduct	*-3,177.61*	

23 74 16 13-0027 Electric Cooling, Gas Heat, Self Contained Packaged Rooftop Air-Conditioning Units *(23 74 16 13)*

Note: Units < 5 tons have 14 SEER, units 5 to < 20 tons have 11 EER, and units 20 tons and over have 10 EER. Includes roof curb and economizer. Excludes crane and associated personnel. See CSI section 01 22 23 00-0787 for crane lifting equipment, 26 28 16 16-0001 for Disconnects.

23 74 16 13-0028	EA	2 Ton Electric Cooling, 50 MBH Gas Heating, Self Contained Package Rooftop Unit	5,881.28	1,675.28
		For Unit Without Factory Installed Economizer, Deduct	*-1,136.65*	
		For Unit Without Roof Curb, Deduct	*-795.52*	
23 74 16 13-0029	EA	3 Ton Electric Cooling, 60 To 80 MBH Gas Heating, Self Contained Package Rooftop Unit	6,867.65	1,926.57
		For Unit Without Factory Installed Economizer, Deduct	*-1,136.65*	
		For Unit Without Roof Curb, Deduct	*-795.52*	
23 74 16 13-0030	EA	4 Ton Electric Cooling, 80 To 110 MBH Gas Heating, Self Contained Package Rooftop Unit	8,666.82	2,219.74
		For Unit Without Factory Installed Economizer, Deduct	*-1,136.65*	
		For Unit Without Roof Curb, Deduct	*-795.52*	
23 74 16 13-0031	EA	5 Ton Electric Cooling, 100 To 120 MBH Gas Heating, Self Contained Package Rooftop Unit	9,842.76	2,387.28
		For Unit Without Factory Installed Economizer, Deduct	*-1,136.65*	
		For Unit Without Roof Curb, Deduct	*-795.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 13-0032	EA	6 Ton Electric Cooling, 140 MBH Gas Heating, Self Contained Package Rooftop Unit	11,144.43	2,575.75
		For Unit Without Factory Installed Economizer, Deduct	*-1,136.65*	
		For Unit Without Roof Curb, Deduct	*-795.52*	
23 74 16 13-0033	EA	7.5 Ton Electric Cooling, 150 To 180 MBH Gas Heating, Self Contained Package Rooftop Unit	13,055.93	2,701.39
		For Unit Without Factory Installed Economizer, Deduct	*-1,160.14*	
		For Unit Without Roof Curb, Deduct	*-954.65*	
23 74 16 13-0034	EA	8.5 Ton Electric Cooling, 170 To 190 MBH Gas Heating, Self Contained Package Rooftop Unit	16,295.87	2,240.69
		For Unit Without Factory Installed Economizer, Deduct	*-1,160.14*	
		For Unit Without Roof Curb, Deduct	*-954.65*	
23 74 16 13-0035	EA	10 Ton Electric Cooling, 200 To 240 MBH Gas Heating, Self Contained Package Rooftop Unit	16,769.58	3,015.51
		For Unit Without Factory Installed Economizer, Deduct	*-1,186.42*	
		For Unit Without Roof Curb, Deduct	*-954.65*	
23 74 16 13-0036	EA	12.5 Ton Electric Cooling, 250 MBH Gas Heating, Self Contained Package Rooftop Unit	20,972.50	3,266.80
		For Unit Without Factory Installed Economizer, Deduct	*-1,281.34*	
		For Unit Without Roof Curb, Deduct	*-954.65*	
23 74 16 13-0037	EA	15 Ton Electric Cooling, 300 MBH Gas Heating, Self Contained Package Rooftop Unit	22,815.33	3,518.10
		For Unit Without Factory Installed Economizer, Deduct	*-2,422.12*	
		For Unit Without Roof Curb, Deduct	*-954.65*	
23 74 16 13-0038	EA	17.5 Ton Electric Cooling, 330 MBH Gas Heating, Self Contained Package Rooftop Unit	26,526.23	3,769.38
		For Unit Without Factory Installed Economizer, Deduct	*-2,422.12*	
		For Unit Without Roof Curb, Deduct	*-954.65*	
23 74 16 13-0039	EA	20 Ton Electric Cooling, 350 MBH Gas Heating, Self Contained Package Rooftop Unit	33,639.25	4,020.67
		For Unit Without Factory Installed Economizer, Deduct	*-2,422.12*	
		For Unit Without Roof Curb, Deduct	*-954.65*	
23 74 16 13-0040	EA	22.5 Ton Electric Cooling, 380 MBH Gas Heating, Self Contained Package Rooftop Unit	41,086.00	4,439.50
		For Unit Without Factory Installed Economizer, Deduct	*-2,422.12*	
		For Unit Without Roof Curb, Deduct	*-954.65*	
23 74 16 13-0041	EA	25 Ton Electric Cooling, 400 MBH Gas Heating, Self Contained Package Rooftop Unit	48,532.73	4,802.47
		For Unit Without Factory Installed Economizer, Deduct	*-2,422.12*	
		For Unit Without Roof Curb, Deduct	*-954.65*	
23 74 16 13-0042	EA	27.5 Ton Electric Cooling, 450 MBH Gas Heating, Self Contained Package Rooftop Unit	49,997.52	5,277.13
		For Unit Without Factory Installed Economizer, Deduct	*-2,422.12*	
		For Unit Without Roof Curb, Deduct	*-1,390.63*	
23 74 16 13-0043	EA	30 Ton Electric Cooling, 500 MBH Gas Heating, Self Contained Package Rooftop Unit	52,194.11	5,695.96
		For Unit Without Factory Installed Economizer, Deduct	*-2,422.12*	
		For Unit Without Roof Curb, Deduct	*-1,390.63*	
23 74 16 13-0044	EA	35 Ton Electric Cooling, 550 MBH Gas Heating, Self Contained Package Rooftop Unit	58,105.42	6,659.24
		For Unit Without Factory Installed Economizer, Deduct	*-2,422.12*	
		For Unit Without Roof Curb, Deduct	*-1,390.63*	
23 74 16 13-0045	EA	40 Ton Electric Cooling, 600 MBH Gas Heating, Self Contained Package Rooftop Unit	64,569.59	7,622.53
		For Unit Without Factory Installed Economizer, Deduct	*-2,422.12*	
		For Unit Without Roof Curb, Deduct	*-2,112.35*	
23 74 16 13-0046	EA	45 Ton Electric Cooling, 650 MBH Gas Heating, Self Contained Package Rooftop Unit	69,882.20	8,585.81
		For Unit Without Factory Installed Economizer, Deduct	*-2,422.12*	
		For Unit Without Roof Curb, Deduct	*-2,112.35*	
23 74 16 13-0047	EA	50 Ton Electric Cooling, 750 MBH Gas Heating, Self Contained Package Rooftop Unit	74,607.34	9,549.10
		For Unit Without Factory Installed Economizer, Deduct	*-2,422.12*	
		For Unit Without Roof Curb, Deduct	*-2,112.35*	
23 74 16 13-0048	EA	55 Ton Electric Cooling, 800 MBH Gas Heating, Self Contained Package Rooftop Unit	82,056.61	10,512.38
		For Unit Without Factory Installed Economizer, Deduct	*-2,422.12*	
		For Unit Without Roof Curb, Deduct	*-2,626.29*	
23 74 16 13-0049	EA	60 Ton Electric Cooling, 850 MBH Gas Heating, Self Contained Package Rooftop Unit	89,190.61	11,475.68
		For Unit Without Factory Installed Economizer, Deduct	*-2,422.12*	
		For Unit Without Roof Curb, Deduct	*-2,626.29*	
23 74 16 13-0050	EA	65 Ton Electric Cooling, 900 MBH Gas Heating, Self Contained Package Rooftop Unit	96,272.24	11,957.31
		For Unit Without Factory Installed Economizer, Deduct	*-2,422.12*	
		For Unit Without Roof Curb, Deduct	*-2,853.23*	
23 74 16 13-0051	EA	70 Ton Electric Cooling, 950 MBH Gas Heating, Self Contained Package Rooftop Unit	103,432.43	12,418.02
		For Unit Without Factory Installed Economizer, Deduct	*-2,422.12*	
		For Unit Without Roof Curb, Deduct	*-2,853.23*	
23 74 16 13-0052	EA	75 Ton Electric Cooling, 1,000 MBH Gas Heating, Self Contained Package Rooftop Unit	113,734.72	12,899.66
		For Unit Without Factory Installed Economizer, Deduct	*-2,422.12*	
		For Unit Without Roof Curb, Deduct	*-3,177.61*	
23 74 16 13-0053	EA	80 Ton Electric Cooling, 1,100 MBH Gas Heating, Self Contained Package Rooftop Unit	108,217.66	13,402.25
		For Unit Without Factory Installed Economizer, Deduct	*-2,422.12*	
		For Unit Without Roof Curb, Deduct	*-3,177.61*	
23 74 16 13-0054	EA	90 Ton Electric Cooling, 1,200 MBH Gas Heating, Self Contained Package Rooftop Unit	156,510.14	15,747.64
		For Unit Without Factory Installed Economizer, Deduct	*-2,422.12*	
		For Unit Without Roof Curb, Deduct	*-3,177.61*	
23 74 16 13-0055	EA	100 Ton Electric Cooling, 1,350 MBH Gas Heating, Self Contained Package Rooftop Unit	176,223.82	19,181.97
		For Unit Without Factory Installed Economizer, Deduct	*-2,422.12*	
		For Unit Without Roof Curb, Deduct	*-3,177.61*	

23 74 16 13-0056 Dedicated Outdoor Air Systems (DOAS) Rooftop Air-Conditioning Units *(23 74 16 13)*

Note: Units < 5 tons have 14 SEER minimum, units 5 to < 20 tons have 11 EER minimum, and units 20 tons and over have 10 EER minimum, Excludes crane and associated personnel. See CSI section 01 22 23 00-0787 for crane lifting equipment, 07 72 13 00-0000 for roof curbs, 23 09 23 00-0000 for controls, 26 28 16 16-0001 for disconnects.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 74 16 13-0057 AAON RQ Rooftop Units *(23 74 16 13-0056)*

Note: Includes 2" double wall foam panel construction, direct drive fan with VFD (or ECM motor), single stage on/off scroll compressor, terminal strip for field supplied thermostat, gas heat, manually adjustable OSA damper, microchannel condenser coils. Excludes economizer, controls, disconnect, roof curb, items not specifically mentioned above. Excludes crane and associated personnel. See CSI section 01 22 23 00-0787 for crane lifting equipment.

23 74 16 13-0058	EA	2 Ton, Air-Cooled Packaged Rooftop Units (AAON RQ-002)	15,158.38	1,675.28
		For Factory Installed And Wired Dry Bulb Economizer, Add	*1,636.56*	
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*1,775.57*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,397.90*	
		For Factory Installed Non-Fused Disconnect, Add	*1,599.85*	
		For Factory Installed Exhaust Fan, Add	*8,156.60*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*1,904.08*	
23 74 16 13-0059	EA	3 Ton, Air-Cooled Packaged Rooftop Units (AAON RQ-003)	16,516.29	1,926.57
		For Factory Installed And Wired Dry Bulb Economizer, Add	*1,754.59*	
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*1,904.08*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,497.56*	
		For Factory Installed Non-Fused Disconnect, Add	*1,715.25*	
		For Factory Installed Exhaust Fan, Add	*8,156.60*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*1,904.08*	
23 74 16 13-0060	EA	4 Ton, Air-Cooled Packaged Rooftop Units (AAON RQ-004)	17,140.60	2,219.74
		For Factory Installed And Wired Dry Bulb Economizer, Add	*1,754.59*	
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*1,904.08*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,497.56*	
		For Factory Installed Non-Fused Disconnect, Add	*1,715.25*	
		For Factory Installed Exhaust Fan, Add	*8,156.60*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*1,904.08*	
23 74 16 13-0061	EA	5 Ton, Air-Cooled Packaged Rooftop Units (AAON RQ-005)	17,571.16	2,387.28
		For Factory Installed And Wired Dry Bulb Economizer, Add	*1,754.59*	
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*1,904.08*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,497.56*	
		For Factory Installed Non-Fused Disconnect, Add	*1,715.25*	
		For Factory Installed Exhaust Fan, Add	*8,156.60*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*1,904.08*	
23 74 16 13-0062	EA	6 Ton, Air-Cooled Packaged Rooftop Units (AAON RQ-006)	19,225.60	2,910.85
		For Factory Installed And Wired Dry Bulb Economizer, Add	*1,754.59*	
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*1,904.08*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,497.56*	
		For Factory Installed Non-Fused Disconnect, Add	*1,715.25*	
		For Factory Installed Exhaust Fan, Add	*8,156.60*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*1,904.08*	

23 74 16 13-0063 AAON RNA Rooftop Units *(23 74 16 13-0056)*

Note: Includes 2" double wall foam panel construction, direct drive fan with VFD, single stage on/off compressor, terminal strip for field provided thermostat, gas heat, manually adjustable OSA damper. Excludes economizer, controls, disconnect, roof curb, items not specifically mentioned above. Excludes crane and associated personnel. See CSI section 01 22 23 00-0787 for crane lifting equipment.

23 74 16 13-0064	EA	6 Ton, Air-Cooled Packaged Rooftop Units (AAON RNA-006)	23,319.63	2,575.80
		For Factory Installed And Wired Dry Bulb Economizer, Add	*1,707.38*	
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*2,622.70*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,749.34*	
		For Factory Installed Non-Fused Disconnect, Add	*1,615.58*	
		For Factory Installed Exhaust Fan, Add	*4,356.30*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*1,484.45*	
23 74 16 13-0065	EA	7 Ton, Air-Cooled Packaged Rooftop Units (AAON RNA-007)	24,900.81	2,701.45
		For Factory Installed And Wired Dry Bulb Economizer, Add	*1,707.38*	
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*2,622.70*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,749.34*	
		For Factory Installed Non-Fused Disconnect, Add	*1,615.58*	
		For Factory Installed Exhaust Fan, Add	*4,356.30*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*1,484.45*	
23 74 16 13-0066	EA	8 Ton, Air-Cooled Packaged Rooftop Units (AAON RNA-008)	28,610.50	2,910.85
		For Factory Installed And Wired Dry Bulb Economizer, Add	*1,707.38*	
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*2,622.70*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,749.34*	
		For Factory Installed Non-Fused Disconnect, Add	*1,615.58*	
		For Factory Installed Exhaust Fan, Add	*4,356.30*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*1,484.45*	
23 74 16 13-0067	EA	10 Ton, Air-Cooled Packaged Rooftop Units (AAON RNA-010)	28,889.11	3,015.51
		For Factory Installed And Wired Dry Bulb Economizer, Add	*1,707.38*	
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*2,622.70*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,749.34*	
		For Factory Installed Non-Fused Disconnect, Add	*1,615.58*	
		For Factory Installed Exhaust Fan, Add	*4,356.30*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*1,484.45*	

23 74 16 13-0068 AAON RNB Rooftop Units *(23 74 16 13-0056)*

Note: Includes 2" double wall foam panel construction, direct drive fan with VFD, (1) on/off scroll compressors, terminal strip for field provided thermostat, gas heat, factory installed 3 position economizer. Excludes controls, disconnect, roof curb, items not specifically mentioned above. Excludes crane and associated personnel. See CSI section 01 22 23 00-0787 for crane lifting equipment.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 13-0069	EA	9 Ton, Air-Cooled Packaged Rooftop Units (AAON RNB-009)	34,331.21	3,015.51
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*2,515.17*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,967.02*	
		For Factory Installed Non-Fused Disconnect, Add	*1,560.51*	
		For Factory Installed Exhaust Fan, Add	*4,154.36*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*1,492.32*	
23 74 16 13-0070	EA	11 Ton, Air-Cooled Packaged Rooftop Units (AAON RNB-011)	34,605.07	2,931.75
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*2,515.17*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,967.02*	
		For Factory Installed Non-Fused Disconnect, Add	*1,560.51*	
		For Factory Installed Exhaust Fan, Add	*4,154.36*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*1,492.32*	
23 74 16 13-0071	EA	13 Ton, Air-Cooled Packaged Rooftop Units (AAON RNB-013)	37,721.72	3,266.80
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*2,515.17*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,967.02*	
		For Factory Installed Non-Fused Disconnect, Add	*1,560.51*	
		For Factory Installed Exhaust Fan, Add	*4,154.36*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*1,492.32*	
23 74 16 13-0072	EA	15 Ton, Air-Cooled Packaged Rooftop Units (AAON RNB-015)	38,665.24	3,518.10
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*2,515.17*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,967.02*	
		For Factory Installed Non-Fused Disconnect, Add	*1,560.51*	
		For Factory Installed Exhaust Fan, Add	*4,154.36*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*1,492.32*	

23 74 16 13-0073 AAON RNC Rooftop Units *(23 74 16 13-0056)*

Note: Includes 2" double wall foam panel construction, direct drive fan with VFD, (2) on/off scroll compressors, terminal strip for field provided thermostat, gas heat, factory installed 3 position economizer. Excludes controls, disconnect, roof curb, items not specifically mentioned above. Excludes crane and associated personnel.

23 74 16 13-0074	EA	16 Ton, Air-Cooled Packaged Rooftop Units (AAON RNC-016)	49,921.86	3,518.10
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*3,713.74*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*2,622.70*	
		For Factory Installed Non-Fused Disconnect, Add	*1,560.51*	
		For Factory Installed Exhaust Fan, Add	*7,618.94*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*679.28*	
23 74 16 13-0075	EA	18 Ton, Air-Cooled Packaged Rooftop Units (AAON RNC-018)	53,933.95	3,769.38
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*3,713.74*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*2,622.70*	
		For Factory Installed Non-Fused Disconnect, Add	*1,560.51*	
		For Factory Installed Exhaust Fan, Add	*7,618.94*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*679.28*	
23 74 16 13-0076	EA	20 Ton, Air-Cooled Packaged Rooftop Units (AAON RNC-020)	57,146.11	4,020.67
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*3,713.74*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*2,622.70*	
		For Factory Installed Non-Fused Disconnect, Add	*1,560.51*	
		For Factory Installed Exhaust Fan, Add	*7,618.94*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*679.28*	
23 74 16 13-0077	EA	25 Ton, Air-Cooled Packaged Rooftop Units (AAON RNC-025)	61,769.51	4,858.32
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*3,713.74*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*2,622.70*	
		For Factory Installed Non-Fused Disconnect, Add	*1,560.51*	
		For Factory Installed Exhaust Fan, Add	*7,618.94*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*679.28*	
23 74 16 13-0078	EA	30 Ton, Air-Cooled Packaged Rooftop Units (AAON RNC-030)	70,033.23	5,695.96
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*3,713.74*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*2,622.70*	
		For Factory Installed Non-Fused Disconnect, Add	*1,560.51*	
		For Factory Installed Exhaust Fan, Add	*7,618.94*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*679.28*	

23 74 16 13-0079 AAON RND Rooftop Units *(23 74 16 13-0056)*

Note: Includes 2" double wall foam panel construction, direct drive fan with VFD, (2) variable capacity digital scroll compressor and (2) on/off compressor, VAV unit controller (varies fan speed and compressor capacity for energy savings year round), cooling only - no heat, factory installed economizer with powered exhaust fans with VFD's, (building static pressure control), factory installed non-fused disconnect and factory start up. Excludes roof curb, items not specifically mentioned above. Excludes crane and associated personnel.

23 74 16 13-0080	EA	26 Ton, Air-Cooled Packaged Rooftop Units (AAON RND-026)	94,099.53	4,858.32
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*3,278.38*	
		For Factory Installed Non-Fused Disconnect, Add	*3,551.14*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*4,983.13*	
23 74 16 13-0081	EA	31 Ton, Air-Cooled Packaged Rooftop Units (AAON RND-031)	107,204.76	5,695.96
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*3,278.38*	
		For Factory Installed Non-Fused Disconnect, Add	*3,551.14*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*4,983.13*	
23 74 16 13-0082	EA	40 Ton, Air-Cooled Packaged Rooftop Units (AAON RND-040)	126,215.22	7,622.53
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*3,278.38*	
		For Factory Installed Non-Fused Disconnect, Add	*3,551.14*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*4,983.13*	
23 74 16 13-0083	EA	50 Ton, Air-Cooled Packaged Rooftop Units (AAON RND-050)	147,955.92	9,549.10
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*3,278.38*	
		For Factory Installed Non-Fused Disconnect, Add	*3,551.14*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*4,983.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 13-0084	EA	60 Ton, Air-Cooled Packaged Rooftop Units (AAON RND-060)	162,418.63	11,475.68
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*3,278.38*	
		For Factory Installed Non-Fused Disconnect, Add	*3,551.14*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*4,983.13*	
23 74 16 13-0085	EA	70 Ton, Air-Cooled Packaged Rooftop Units (AAON RND-070)	170,879.65	12,418.08
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*3,278.38*	
		For Factory Installed Non-Fused Disconnect, Add	*3,551.14*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*4,983.13*	

23 74 16 13-0086 AAON RNE Rooftop Units *(23 74 16 13-0056)*

Note: Includes 2" double wall foam panel construction, direct drive fan with VFD, (1 or 2) variable speed VFD controlled scroll compressor and (1 or 2) on/off compressor, VAV unit controller (varies fan speed and compressor capacity for energy savings year round), cooling only - no heat, factory installed economizer with powered exhaust fans with VFD's, (building static pressure control), Microchannel condenser coils with VFD controlled condenser fans, factory installed non-fused disconnect and factory start up. Excludes roof curb, items not specifically mentioned above. Excludes crane and associated personnel.

23 74 16 13-0087	EA	55 Ton, Air-Cooled Packaged Rooftop Units (AAON RNE-055)	157,892.59	10,512.38
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*3,703.25*	
		For Factory Installed Non-Fused Disconnect, Add	*5,318.84*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*7,081.29*	
23 74 16 13-0088	EA	65 Ton, Air-Cooled Packaged Rooftop Units (AAON RNE-065)	173,889.94	11,957.37
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*3,703.25*	
		For Factory Installed Non-Fused Disconnect, Add	*5,318.84*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*7,081.29*	
23 74 16 13-0089	EA	75 Ton, Air-Cooled Packaged Rooftop Units (AAON RNE-075)	184,874.01	12,899.66
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*3,703.25*	
		For Factory Installed Non-Fused Disconnect, Add	*5,318.84*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*7,081.29*	
23 74 16 13-0090	EA	95 Ton, Air-Cooled Packaged Rooftop Units (AAON RNE-090)	223,571.51	17,464.80
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*3,703.25*	
		For Factory Installed Non-Fused Disconnect, Add	*5,318.84*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*7,081.29*	
23 74 16 13-0091	EA	105 Ton, Air-Cooled Packaged Rooftop Units (AAON RNE-105)	242,070.03	19,935.85
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*3,703.25*	
		For Factory Installed Non-Fused Disconnect, Add	*5,318.84*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*7,081.29*	
23 74 16 13-0092	EA	120 Ton, Air-Cooled Packaged Rooftop Units (AAON RNE-120)	282,396.70	21,946.17
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*3,703.25*	
		For Factory Installed Non-Fused Disconnect, Add	*5,318.84*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*7,081.29*	
23 74 16 13-0093	EA	130 Ton, Air-Cooled Packaged Rooftop Units (AAON RNE-130)	289,237.60	23,286.40
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*3,703.25*	
		For Factory Installed Non-Fused Disconnect, Add	*5,318.84*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*7,081.29*	
23 74 16 13-0094	EA	140 Ton, Air-Cooled Packaged Rooftop Units (AAON RNE-140)	302,991.76	26,050.63
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*3,703.25*	
		For Factory Installed Non-Fused Disconnect, Add	*5,318.84*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*7,081.29*	

23 74 16 13-0095 Heat Pump, Packaged Rooftop Heat Pump Units *(23 74 16 13)*

See CSI section 01 22 23 00-0787 for crane lifting equipment, 26 28 16 16-0001 for disconnects.

23 74 16 13-0096 Packaged Rooftop Heat Pump Units *(23 74 16 13-0095)*

Note: Includes evaporator and condenser coils, electric heat, thermostatic expansion valve, compressor, evaporator and condenser fans, refrigerant charge, filter section with filter, operation and safety controls, motors, condensate drain pan, condenser coil guards, manual outside air damper, and roof curb. Excludes crane and associated personnel.

23 74 16 13-0097	EA	2 Ton Packaged Rooftop Heat Pump	7,084.58	1,507.75
		For Unit Without Roof Curb, Deduct	*-795.52*	
		For Economizer With Outside Air Control, Add	*2,070.76*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*253.71*	
23 74 16 13-0098	EA	2.5 Ton Packaged Rooftop Heat Pump	7,458.39	1,620.89
		For Unit Without Roof Curb, Deduct	*-795.52*	
		For Economizer With Outside Air Control, Add	*2,192.98*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*264.86*	
23 74 16 13-0099	EA	3 Ton Packaged Rooftop Heat Pump	7,887.96	1,733.91
		For Unit Without Roof Curb, Deduct	*-795.52*	
		For Economizer With Outside Air Control, Add	*2,326.92*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*278.80*	
23 74 16 13-0100	EA	3.5 Ton Packaged Rooftop Heat Pump	8,464.43	1,865.82
		For Unit Without Roof Curb, Deduct	*-795.52*	
		For Economizer With Outside Air Control, Add	*2,259.92*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*298.83*	
23 74 16 13-0101	EA	4 Ton Packaged Rooftop Heat Pump	9,041.15	1,997.83
		For Unit Without Roof Curb, Deduct	*-795.52*	
		For Economizer With Outside Air Control, Add	*2,416.02*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*318.87*	
23 74 16 13-0102	EA	5 Ton Packaged Rooftop Heat Pump	9,690.10	2,148.60
		For Unit Without Roof Curb, Deduct	*-795.52*	
		For Economizer With Outside Air Control, Add	*2,592.68*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*273.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 13-0103	EA	6 Ton Packaged Rooftop Heat Pump	10,905.10	2,318.14
		For Unit Without Roof Curb, Deduct	*-795.52*	
		For Economizer With Outside Air Control, Add	*2,873.86*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*234.43*	
23 74 16 13-0104	EA	7.5 Ton Packaged Rooftop Heat Pump	14,040.63	2,431.28
		For Unit Without Roof Curb, Deduct	*-954.65*	
		For Economizer With Outside Air Control, Add	*2,916.71*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*323.97*	
23 74 16 13-0105	EA	8.5 Ton Packaged Rooftop Heat Pump	15,707.92	2,619.69
		For Unit Without Roof Curb, Deduct	*-954.65*	
		For Economizer With Outside Air Control, Add	*3,090.13*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*366.45*	
23 74 16 13-0106	EA	10 Ton Packaged Rooftop Heat Pump	16,892.27	2,713.95
		For Unit Without Roof Curb, Deduct	*-954.65*	
		For Economizer With Outside Air Control, Add	*3,136.67*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*265.47*	
23 74 16 13-0107	EA	12.5 Ton Packaged Rooftop Heat Pump	19,602.89	2,940.11
		For Unit Without Roof Curb, Deduct	*-954.65*	
		For Economizer With Outside Air Control, Add	*3,528.35*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*313.65*	
23 74 16 13-0108	EA	15 Ton Packaged Rooftop Heat Pump	22,313.51	3,166.28
		For Unit Without Roof Curb, Deduct	*-954.65*	
		For Economizer With Outside Air Control, Add	*3,920.04*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*361.84*	
23 74 16 13-0109	EA	17.5 Ton Packaged Rooftop Heat Pump	24,995.56	3,392.44
		For Unit Without Roof Curb, Deduct	*-954.65*	
		For Economizer With Outside Air Control, Add	*4,308.86*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*409.45*	
23 74 16 13-0110	EA	20 Ton Packaged Rooftop Heat Pump	27,677.61	3,618.60
		For Unit Without Roof Curb, Deduct	*-954.65*	
		For Economizer With Outside Air Control, Add	*4,697.69*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*457.06*	

23 74 16 13-0111 Heating Only Packaged Rooftop Units *(23 74 16 13-0095)*

Note: Includes throwaway filters, filter rack, manual outside air damper, roof curbs and electric heat. Units are shipped fully factory assembled in one piece, prewired and include start-up. Excludes crane and associated personnel. See CSI section 01 22 23 00-0787 for crane lifting equipment, 26 28 16 16-0001 for disconnects.

23 74 16 13-0112	EA	24 MBH Electric Heating Only, Self Contained Package Rooftop Unit	6,957.37	1,507.75
		For Unit Without Roof Curb, Deduct	*-795.52*	
		For Gas Heat, Add	*446.81*	
23 74 16 13-0113	EA	32 MBH Electric Heating Only, Self Contained Package Rooftop Unit	8,173.36	1,733.91
		For Unit Without Roof Curb, Deduct	*-795.52*	
		For Gas Heat, Add	*525.90*	
23 74 16 13-0114	EA	45 MBH Electric Heating Only, Self Contained Package Rooftop Unit	11,178.59	1,997.83
		For Unit Without Roof Curb, Deduct	*-795.52*	
		For Gas Heat, Add	*729.23*	
23 74 16 13-0115	EA	60 MBH Electric Heating Only, Self Contained Package Rooftop Unit	12,608.88	2,148.60
		For Unit Without Roof Curb, Deduct	*-795.52*	
		For Gas Heat, Add	*825.33*	
23 74 16 13-0116	EA	95 MBH Electric Heating Only, Self Contained Package Rooftop Unit	14,814.72	2,431.28
		For Unit Without Roof Curb, Deduct	*-954.65*	
		For Gas Heat, Add	*972.20*	
23 74 16 13-0117	EA	112 MBH Electric Heating Only, Self Contained Package Rooftop Unit	16,685.04	2,619.69
		For Unit Without Roof Curb, Deduct	*-954.65*	
		For Gas Heat, Add	*1,098.09*	
23 74 16 13-0118	EA	140 MBH Electric Heating Only, Self Contained Package Rooftop Unit	19,736.92	2,713.95
		For Unit Without Roof Curb, Deduct	*-954.65*	
		For Gas Heat, Add	*1,309.21*	
23 74 16 13-0119	EA	170 MBH Electric Heating Only, Self Contained Package Rooftop Unit	25,628.86	3,166.28
		For Unit Without Roof Curb, Deduct	*-954.65*	
		For Gas Heat, Add	*1,709.59*	
23 74 16 13-0120	EA	200 MBH Electric Heating Only, Self Contained Package Rooftop Unit	33,830.66	3,392.44
		For Unit Without Roof Curb, Deduct	*-954.65*	
		For Gas Heat, Add	*2,277.68*	
23 74 16 13-0121	EA	230 MBH Electric Heating Only, Self Contained Package Rooftop Unit	39,484.00	3,618.60
		For Unit Without Roof Curb, Deduct	*-954.65*	
		For Gas Heat, Add	*2,667.38*	
23 74 16 13-0122	EA	270 MBH Electric Heating Only, Self Contained Package Rooftop Unit	51,325.77	3,995.55
		For Unit Without Roof Curb, Deduct	*-954.65*	
		For Gas Heat, Add	*3,486.26*	
23 74 16 13-0123	EA	330 MBH Electric Heating Only, Self Contained Package Rooftop Unit	64,182.84	5,084.48
		For Unit Without Roof Curb, Deduct	*-1,390.63*	
		For Gas Heat, Add	*4,366.15*	
23 74 16 13-0124	EA	360 MBH Electric Heating Only, Self Contained Package Rooftop Unit	71,744.67	5,126.36
		For Unit Without Roof Curb, Deduct	*-1,390.63*	
		For Gas Heat, Add	*4,885.42*	
23 74 16 13-0125	EA	450 MBH Electric Heating Only, Self Contained Package Rooftop Unit	87,350.45	5,993.37
		For Unit Without Roof Curb, Deduct	*-1,390.63*	
		For Gas Heat, Add	*5,954.71*	
23 74 16 13-0126	EA	540 MBH Electric Heating Only, Self Contained Package Rooftop Unit	113,286.65	7,727.29
		For Unit Without Roof Curb, Deduct	*-2,112.35*	
		For Gas Heat, Add	*7,724.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 23		**Packaged, Outdoor, Heating-Only Makeup-Air Units** *(23 74)*		
23 74 23 13		**Packaged, Direct-Fired, Outdoor, Heating-Only Makeup-Air Units** *(23 74 23)*		
23 74 23 13-0001		Make-Up Air Units *(23 74 23 13)* Note: Units are shipped fully factory assembled in one piece, prewired, prepiped, charged with refrigerant. Includes throwaway filters and start-up. Excludes crane and associated personnel. See CSI section 01 22 23 00-0787 for crane lifting equipment.		
23 74 23 13-0002		Gas-Fired Electric Spark Make-Up Air Units *(23 74 23 13-0001)* Note: With 2-position damper curb filter and thermostat with capillary. Excludes crane and associated personnel. See CSI section 01 22 23 00-0788 for crane lifting equipment.		
23 74 23 13-0003	EA	100,000 BTU 1/2 HP, 1,200 CFM, Make-up Air Unit, Gas Fired, Electric Spark	8,096.90	502.59
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*2,177.78*	
		For Equipment Base Roof Curb, Add	*986.98*	
23 74 23 13-0004	EA	300,000 BTU 1-1/2 HP, 3,500 CFM, Make-up Air Unit, Gas Fired, Electric Spark	10,480.58	569.59
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*2,856.58*	
		For Equipment Base Roof Curb, Add	*1,281.31*	
23 74 23 13-0005	EA	500,000 BTU 2 HP, 4,000 CFM, Make-up Air Unit, Gas Fired, Electric Spark	14,609.94	670.11
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*4,047.93*	
		For Equipment Base Roof Curb, Add	*1,792.74*	
23 74 23 13-0006	EA	670,000 BTU 3 HP, 6,000 CFM, Make-up Air Unit, Gas Fired, Electric Spark	14,721.34	714.79
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*4,056.22*	
		For Equipment Base Roof Curb, Add	*1,804.15*	
23 74 23 13-0007	EA	800,000 BTU 5 HP, 7,500 CFM, Make-up Air Unit, Gas Fired, Electric Spark	20,154.89	804.13
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*5,644.40*	
		For Equipment Base Roof Curb, Add	*2,479.15*	
23 74 23 13-0008	EA	1,200,000 BTU 10 HP, 10,000 CFM, Make-up Air Unit, Gas Fired, Electric Spark	30,604.00	1,005.17
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*8,678.62*	
		For Equipment Base Roof Curb, Add	*3,775.24*	
23 74 23 13-0009		Electric Make-Up Air Units *(23 74 23 13-0001)* Note: With 2-position damper curb filter and thermostat with capillary. Excludes crane and associated personnel. See CSI section 01 22 23 00-0788 for crane lifting equipment.		
23 74 23 13-0010	EA	33 KW, 1/2 HP, 1,200 CFM Make-up Air Unit, Electric	16,829.23	502.59
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*4,797.48*	
		For Equipment Base Roof Curb, Add	*2,078.52*	
23 74 23 13-0011	EA	100 KW, 1-1/2 HP, 3,500 CFM Make-up Air Unit, Electric	24,108.87	569.59
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*6,945.07*	
		For Equipment Base Roof Curb, Add	*2,984.85*	
23 74 23 13-0012	EA	150 KW, 2 HP, 4,000 CFM Make-up Air Unit, Electric	29,883.20	670.11
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*8,629.91*	
		For Equipment Base Roof Curb, Add	*3,701.89*	
23 74 23 13-0013	EA	250 KW, 5 HP, 7,500 CFM Make-up Air Unit, Electric	38,679.06	804.13
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*11,201.65*	
		For Equipment Base Roof Curb, Add	*4,794.68*	
23 74 23 13-0014	EA	400 KW, 10 HP, 10,000 CFM Make-up Air Unit, Electric	62,632.64	1,005.17
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*18,287.21*	
		For Equipment Base Roof Curb, Add	*7,778.82*	
23 76		**Evaporative Air-Cooling Equipment** *(23 70)*		
23 76 13		**Direct Evaporative Air-Coolers** *(23 76)*		
23 76 13 00-0001		Residential Side Or Down Draft Evaporative Cooling Unit *(23 76 13)* Note: Includes motor, belt and pads.		
23 76 13 00-0002	EA	3,000 CFM, 1/3 HP Residential Side Or Down Draft Evaporative Cooling Unit	1,600.93	361.40
23 76 13 00-0003	EA	4,300 CFM, 1/3 HP Residential Side Or Down Draft Evaporative Cooling Unit	1,892.15	421.63
23 76 13 00-0004	EA	4,400 CFM, 1/2 HP Residential Side Or Down Draft Evaporative Cooling Unit	2,462.94	481.87
23 76 13 00-0005	EA	5,000 CFM, 3/4 HP Residential Side Or Down Draft Evaporative Cooling Unit	2,677.22	542.11
23 76 13 00-0006	EA	6,000 CFM, 3/4 HP Residential Side Or Down Draft Evaporative Cooling Unit	3,079.14	602.34
23 76 13 00-0007	EA	7,000 CFM, 1 HP Residential Side Or Down Draft Evaporative Cooling Unit	3,312.19	662.57
23 76 13 00-0008		Industrial Side Draft/Side Discharge Evaporative Coolers *(23 76 13)* Note: Excludes motor starter, piping, power wiring and equipment rigging.		
23 76 13 00-0009	EA	7,500 CFM, 3/4 HP Industrial Side Or Down Draft Evaporative Cooling Unit	3,083.50	333.42
23 76 13 00-0010	EA	8,500 CFM, 1 HP Industrial Side Or Down Draft Evaporative Cooling Unit	3,182.10	344.21
23 76 13 00-0011	EA	9,500 CFM, 1 1/2 HP Industrial Side Or Down Draft Evaporative Cooling Unit	3,768.80	478.05
23 76 13 00-0012	EA	11,375 CFM, 2 HP Industrial Side Or Down Draft Evaporative Cooling Unit	8,204.29	564.30
23 76 13 00-0013	EA	13,020 CFM, 3 HP Industrial Side Or Down Draft Evaporative Cooling Unit	8,814.26	826.12
23 76 13 00-0014	EA	16,267 CFM, 3 HP Industrial Side Or Down Draft Evaporative Cooling Unit	10,117.78	881.19
23 76 13 00-0015	EA	15,438 CFM, 5 HP Industrial Side Or Down Draft Evaporative Cooling Unit	9,238.53	991.34
23 76 13 00-0016	EA	19,286 CFM, 5 HP Industrial Side Or Down Draft Evaporative Cooling Unit	10,938.81	1,239.18
23 76 13 00-0017	EA	17,672 CFM, 7-1/2 HP Industrial Side Or Down Draft Evaporative Cooling Unit	10,867.04	1,619.85
23 76 13 00-0018	EA	22,077 CFM, 7-1/2 HP Industrial Side Or Down Draft Evaporative Cooling Unit	12,142.08	1,652.23
23 76 13 00-0019	EA	24,301 CFM, 10 HP Industrial Side Or Down Draft Evaporative Cooling Unit	12,758.80	1,835.86
23 76 13 00-0020	EA	30,000 CFM, 20 HP Industrial Side Or Down Draft Evaporative Cooling Unit	16,995.04	2,868.50
23 76 13 00-0021	EA	35,000 CFM, 20 HP Industrial Side Or Down Draft Evaporative Cooling Unit	19,120.81	2,993.19
23 76 13 00-0022	EA	40,000 CFM, 30 HP Industrial Side Or Down Draft Evaporative Cooling Unit	21,269.27	3,129.23

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 80 Decentralized Unitary HVAC Equipment *(23)*

Note: Where required, mechanical equipment excludes electrical connection, disconnect, or starter unless title states otherwise. See CSI section 23 05 29 00-0000 for hangers and supports, 26 05 19 16-0011 for electrical connection and termination, 26 05 83 00-0110 for terminations, 26 28 16 16-0001 for disconnect.

23 81 Decentralized Unitary HVAC Equipment *(23 80)*

23 81 13 Packaged Terminal Air-Conditioners *(23 81)*

Note: Units consists of fresh air intake, throwaway filters, exhaust, automatic thermostat, hermetically sealed compressor with 5 year guarantee, "sleeve-type" construction, condensing fan motor enclosed, fan to be aluminum, three wire ground cord, multi speed fan, exposed steel parts to be phosphate bonderized with baked enamel finish and copper tubes mechanically expanded into aluminum of evaporator and condensing coils. Includes equipment rigging. Efficiency Rating (ER) not less than 9.

23 81 13 11 Packaged Terminal Air-Conditioners, Through-Wall Units *(23 81 13)*

23 81 13 11-0001 Packaged Terminal Air-Conditioners *(23 81 13 11)*

23 81 13 11-0002 Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioners *(23 81 13 11-0001)*

23 81 13 11-0003	EA	7,200 BTU, 13 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioner	2,108.11	225.88
		For >35 To 70, Deduct	*-49.69*	
		For >70 To 100, Deduct	*-82.82*	
		For >100, Deduct	*-115.95*	
23 81 13 11-0004	EA	9,400 BTU, 12.1 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioner	2,193.53	254.76
		For >35 To 70, Deduct	*-50.54*	
		For >70 To 100, Deduct	*-84.23*	
		For >100, Deduct	*-117.92*	
23 81 13 11-0005	EA	11,800 BTU, 11.6 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioner	2,321.56	271.49
		For >35 To 70, Deduct	*-53.34*	
		For >70 To 100, Deduct	*-88.90*	
		For >100, Deduct	*-124.45*	
23 81 13 11-0006	EA	14,500 BTU, 10.4 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioner	2,508.96	291.83
		For >35 To 70, Deduct	*-57.77*	
		For >70 To 100, Deduct	*-96.28*	
		For >100, Deduct	*-134.79*	

23 81 13 11-0007 Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioners *(23 81 13 11-0001)*

23 81 13 11-0008	EA	7,200 BTU, 13 EER, 230/208 Volt, Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioner	2,222.55	226.05
		For >35 To 70, Deduct	*-53.14*	
		For >70 To 100, Deduct	*-88.56*	
		For >100, Deduct	*-123.99*	
23 81 13 11-0009	EA	9,400 BTU, 12.1 EER, 230/208 Volt, Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioner	2,343.32	254.76
		For >35 To 70, Deduct	*-55.03*	
		For >70 To 100, Deduct	*-91.72*	
		For >100, Deduct	*-128.41*	
23 81 13 11-0010	EA	11,800 BTU, 11.6 EER, 230/208 Volt, Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioner	2,430.11	271.49
		For >35 To 70, Deduct	*-56.59*	
		For >70 To 100, Deduct	*-94.32*	
		For >100, Deduct	*-132.05*	
23 81 13 11-0011	EA	14,500 BTU, 10.4 EER, 230/208 Volt, Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioner	2,652.24	291.83
		For >35 To 70, Deduct	*-62.06*	
		For >70 To 100, Deduct	*-103.44*	
		For >100, Deduct	*-144.82*	

23 81 13 11-0012 Packaged Terminal Air-Conditioners, Through-Wall Unit Sleeve *(23 81 13 11)*

Note: Includes wall case, exterior grille, weather panel and steel closure panels. Includes bolts, nuts, washers, caulking and lintel supports. Not for use with new A/C units where wall sleeve is provided. Excludes cutting opening for unit or patching masonry or concrete.

23 81 13 11-0013	EA	Up To 10,000 BTU Unit, Thru Wall A/C Sleeve	98.37	
23 81 13 11-0014	EA	>10,000 To 20,000 BTU Unit, Thru Wall A/C Sleeve	110.75	
23 81 13 11-0015	EA	>20,000 To 30,000 BTU Unit, Thru Wall A/C Sleeve	123.13	

23 81 13 11-0016 Removal And Reinstallation Of Packaged Terminal Air-Conditioners, Through-Wall Units *(23 81 13 11)*

Note: Includes storage and cleaning.

23 81 13 11-0017	EA	Removal And Reinstallation Of Packaged Terminal Air-Conditioners, Through-Wall Units	240.94	

23 81 13 13 Packaged Terminal Air-Conditioners, Outdoor, Wall-Mounted Units *(23 81 13)*

23 81 13 13-0001 Single Package Vertical Wall Cooling Unit *(23 81 13 13)*

Note: Air-to-air type with electric heat. Includes throwaway filters. Wall units are wired for 230/208 Volt, 1 phase, 60 HZ. With solid state electronic controls, thermostat, cord and NEMA plug. Units are shipped fully factory assembled in one piece, prewired, prepiped and charged with refrigerant, complete with push button controls, insulated steel cabinet, with wall sleeve and outdoor grille and stainless steel drain pan. Excludes crane and associated personnel. See CSI section 01 22 23 00-0788 for crane lifting equipment.

23 81 13 13-0002	EA	1/2 Ton Package Cooling, Vertical Wall Unit, Air-To-Air Type With Electric Heat	5,197.98	274.22
23 81 13 13-0003	EA	1 Ton Single Package Cooling, Vertical Wall Unit, Air-To-Air Type With Electric Heat	8,019.56	287.27
23 81 13 13-0004	EA	1-1/2 Ton Single Package Cooling, Vertical Wall Unit, Air-To-Air Type With Electric Heat	10,487.33	300.34
23 81 13 13-0005	EA	2 Ton Single Package Cooling, Vertical Wall Unit, Air-To-Air Type With Electric Heat	12,060.59	326.45

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 13 13-0006	EA	2-1/2 Ton Single Package Cooling, Vertical Wall Unit, Air-To-Air Type With Electric Heat	15,127.04	378.68
23 81 13 13-0007	EA	3 Ton Single Package Cooling, Vertical Wall Unit, Air-To-Air Type With Electric Heat	16,230.47	470.08
23 81 13 13-0008	EA	3-1/2 Ton Single Package Cooling, Vertical Wall Unit, Air-To-Air Type With Electric Heat	17,969.10	522.31
23 81 13 13-0009	EA	4 Ton Single Package Cooling, Vertical Wall Unit, Air-To-Air Type With Electric Heat	19,787.77	587.61
23 81 13 13-0010	EA	5 Ton Single Package Cooling, Vertical Wall Unit, Air-To-Air Type With Electric Heat	22,264.32	705.12
23 81 13 13-0011	EA	7-1/2 Ton Single Package Cooling, Vertical Wall Unit, Air-To-Air Type With Electric Heat	28,781.03	874.88
23 81 13 13-0012	EA	10 Ton Single Package Cooling, Vertical Wall Unit, Air-To-Air Type With Electric Heat	34,331.98	1,175.21
23 81 13 13-0013	EA	15 Ton Single Package Cooling, Vertical Wall Unit, Air-To-Air Type With Electric Heat	48,136.31	1,436.36
23 81 13 13-0014	EA	20 Ton Single Package Cooling, Vertical Wall Unit, Air-To-Air Type With Electric Heat	55,456.25	1,710.58
23 81 13 13-0015	EA	25 Ton Single Package Cooling, Vertical Wall Unit, Air-To-Air Type With Electric Heat	66,281.13	1,919.51

23 81 16 Room Air-Conditioners *(23 81)*

Note: Units consists of fresh air intake, throwaway filters, exhaust, automatic thermostat, hermetically sealed compressor with 5 year guarantee, "sleeve-type" construction, condensing fan motor enclosed, fan to be aluminum, three wire ground cord, multi speed fan, exposed steel parts to be phosphate bonderized with baked enamel finish and copper tubes mechanically expanded into aluminum of evaporator and condensing coils. Includes equipment rigging. Efficiency Rating (ER) not less than 9.

23 81 16 00-0001 Window Unit, Room Air-Conditioners *(23 81 16)*

23 81 16 00-0002 Cooling Only, Window Unit, Room Air-Conditioners *(23 81 16 00-0001)*

23 81 16 00-0003 Cooling Only, Window Unit, Room Air-Conditioners (Frigidaire) *(23 81 16 00-0002)*

23 81 16 00-0004	EA	5,000 BTU, 11.2 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE0533Q1)	520.69	126.49
		For >10 To 50, Deduct	*-13.39*	
		For >50 To 75, Deduct	*-18.74*	
		For >75 To 100, Deduct	*-26.77*	
		For >100, Deduct	*-32.13*	
23 81 16 00-0005	EA	6,000 BTU, 11.2 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE0633Q1)	547.60	126.49
		For >10 To 50, Deduct	*-14.73*	
		For >50 To 75, Deduct	*-20.62*	
		For >75 To 100, Deduct	*-29.46*	
		For >100, Deduct	*-35.35*	
23 81 16 00-0006	EA	8,000 BTU, 11.3 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE0833U1)	614.87	126.49
		For >10 To 50, Deduct	*-18.09*	
		For >50 To 75, Deduct	*-25.33*	
		For >75 To 100, Deduct	*-36.19*	
		For >100, Deduct	*-43.43*	
23 81 16 00-0007	EA	10,000 BTU, 11.3 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE1033U1)	709.04	126.49
		For >10 To 50, Deduct	*-22.80*	
		For >50 To 75, Deduct	*-31.92*	
		For >75 To 100, Deduct	*-45.61*	
		For >100, Deduct	*-54.73*	
23 81 16 00-0008	EA	12,000 BTU, 11.3 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE1233Q1)	830.11	126.49
		For >10 To 50, Deduct	*-28.86*	
		For >50 To 75, Deduct	*-40.40*	
		For >75 To 100, Deduct	*-57.71*	
		For >100, Deduct	*-69.26*	
23 81 16 00-0009	EA	15,100 BTU, 11.2 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE1533Q1)	964.64	126.49
		For >10 To 50, Deduct	*-35.58*	
		For >50 To 75, Deduct	*-49.82*	
		For >75 To 100, Deduct	*-71.17*	
		For >100, Deduct	*-85.40*	
23 81 16 00-0010	EA	8,000 BTU, 10.9 EER, 115 Volt, Cooling Only, Casement Window Unit, Room Air-Conditioner (Frigidaire FFRS0833Q1)	910.83	126.49
		For >10 To 50, Deduct	*-32.89*	
		For >50 To 75, Deduct	*-46.05*	
		For >75 To 100, Deduct	*-65.79*	
		For >100, Deduct	*-78.94*	
23 81 16 00-0011	EA	10,000 BTU, 9.5 EER, 115 Volt, Cooling Only, Casement Window Unit, Room Air-Conditioner (Frigidaire FFRS1022Q1)	978.10	126.49
		For >10 To 50, Deduct	*-36.26*	
		For >50 To 75, Deduct	*-50.76*	
		For >75 To 100, Deduct	*-72.51*	
		For >100, Deduct	*-87.01*	
23 81 16 00-0012	EA	12,000 BTU, 9.5 EER, 115 Volt, Cooling Only, Casement Window Unit, Room Air-Conditioner (Frigidaire FFRS1222Q1)	1,031.91	126.49
		For >10 To 50, Deduct	*-38.95*	
		For >50 To 75, Deduct	*-54.53*	
		For >75 To 100, Deduct	*-77.89*	
		For >100, Deduct	*-93.47*	
23 81 16 00-0013	EA	18,500 BTU, 11.2 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE1833Q2)	1,085.72	126.49
		For >10 To 50, Deduct	*-41.64*	
		For >50 To 75, Deduct	*-58.29*	
		For >75 To 100, Deduct	*-83.27*	
		For >100, Deduct	*-99.93*	
23 81 16 00-0014	EA	22,000 BTU, 9.8 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE2233S2)	1,193.34	126.49
		For >10 To 50, Deduct	*-47.02*	
		For >50 To 75, Deduct	*-65.83*	
		For >75 To 100, Deduct	*-94.04*	
		For >100, Deduct	*-112.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 16 00-0015	EA	25,000 BTU, 9.8 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE2533S2)	1,206.80	126.49
		For >10 To 50, Deduct	*-47.69*	
		For >50 To 75, Deduct	*-66.77*	
		For >75 To 100, Deduct	*-95.38*	
		For >100, Deduct	*-114.46*	
23 81 16 00-0016	EA	28,000 BTU, 9.0 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRA2822R2)	1,979.62	126.49
		For >10 To 50, Deduct	*-86.33*	
		For >50 To 75, Deduct	*-120.86*	
		For >75 To 100, Deduct	*-172.66*	
		For >100, Deduct	*-207.20*	
23 81 16 00-0017		Cooling Only, Window Unit, Room Air-Conditioners (Friedrich Kuhl) *(23 81 16 00-0002)*		
23 81 16 00-0018	EA	8,000 BTU, 12.2 EER, 110 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SS08N10C)	2,100.04	126.49
23 81 16 00-0019	EA	10,000 BTU, 12.2 EER, 110 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SS10N10C)	2,305.47	126.49
23 81 16 00-0020	EA	11,900 BTU, 12.2 EER, 110 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SS12N10C)	2,398.85	126.49
23 81 16 00-0021	EA	12,000 BTU, 12.2 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SS12N30C)	2,436.20	126.49
23 81 16 00-0022	EA	20,000 BTU, 10.4 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SM18N30C)	2,772.37	126.49
23 81 16 00-0023	EA	24,000 BTU, 10.4 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SL24N30C)	3,612.79	126.49
23 81 16 00-0024	EA	28,000 BTU, 10.0 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SL28N30C)	3,892.93	126.49
23 81 16 00-0025	EA	36,000 BTU, 9.0 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SL36N30B)	4,266.45	126.49
23 81 16 00-0026		Heating And Cooling, Window Unit, Room Air-Conditioners *(23 81 16 00-0001)*		
23 81 16 00-0027		Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioners (Frigidaire) *(23 81 16 00-0026)*		
23 81 16 00-0028	EA	8,000 BTU, 9.8 EER, 115 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Frigidaire FFRH0822R1)	1,031.91	126.49
		For >10 To 50, Deduct	*-38.95*	
		For >50 To 75, Deduct	*-54.53*	
		For >75 To 100, Deduct	*-77.89*	
		For >100, Deduct	*-93.47*	
23 81 16 00-0029	EA	12,000 BTU, 10.9 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Frigidaire FFRH1222R2)	1,179.89	126.49
		For >10 To 50, Deduct	*-46.35*	
		For >50 To 75, Deduct	*-64.88*	
		For >75 To 100, Deduct	*-92.69*	
		For >100, Deduct	*-111.23*	
23 81 16 00-0030	EA	18,500 BTU, 10.7 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Frigidaire FFRH1822R2)	1,260.61	126.49
		For >10 To 50, Deduct	*-50.38*	
		For >50 To 75, Deduct	*-70.53*	
		For >75 To 100, Deduct	*-100.76*	
		For >100, Deduct	*-120.92*	
23 81 16 00-0031	EA	25,000 BTU, 9.4 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Frigidaire FFRH2522R2)	1,556.58	126.49
		For >10 To 50, Deduct	*-65.18*	
		For >50 To 75, Deduct	*-91.25*	
		For >75 To 100, Deduct	*-130.36*	
		For >100, Deduct	*-156.43*	
23 81 16 00-0032		Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioners (Friedrich) *(23 81 16 00-0026)*		
23 81 16 00-0033	EA	12,000 BTU, 11.3 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Friedrich ES12N33B)	2,529.58	126.49
23 81 16 00-0034		Accessories *(23 81 16 00-0001)*		
23 81 16 00-0035	SET	Aluminum Air Conditioner Unit Frame And Bracket Assembly	621.77	65.78
23 81 16 00-0036		Removal And Reinstallation Of Room Air-Conditioners *(23 81 16)* Note: Includes storage and cleaning.		
23 81 16 00-0037	EA	Removal And Reinstallation Of Room Air-Conditioning Unit In Window Lower Sash	150.58	
23 81 16 00-0038	EA	Removal And Reinstallation Of Room Air-Conditioning Unit In Window Upper Sash	322.48	
23 81 16 00-0039		Through-The-Wall, Room Air-Conditioners *(23 81 16)* Note: Base unit excludes wall sleeve.		
23 81 16 00-0040		Cooling Only, Through-The-Wall, Room Air-Conditioners *(23 81 16 00-0039)*		
23 81 16 00-0041		Cooling Only, Through-The-Wall, Room Air-Conditioners (Friedrich) *(23 81 16 00-0040)*		
23 81 16 00-0042	EA	8,000 BTU, 10.7 EER, 115 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS08D10A)	1,579.54	90.35
		For >10 To 50, Deduct	*-69.94*	
		For >50 To 75, Deduct	*-97.92*	
		For >75 To 100, Deduct	*-139.88*	
		For >100, Deduct	*-167.86*	
		For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	*284.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 16 00-0043	EA	9,800 BTU, 10.7 EER, 115 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS10D10B)	1,710.27	90.35
		For >10 To 50, Deduct	*-76.48*	
		For >50 To 75, Deduct	*-107.07*	
		For >75 To 100, Deduct	*-152.96*	
		For >100, Deduct	*-183.55*	
		For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	*284.59*	
23 81 16 00-0044	EA	12,000 BTU, 9.8 EER, 115 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS12D10A)	1,953.06	90.35
		For >10 To 50, Deduct	*-88.62*	
		For >50 To 75, Deduct	*-124.06*	
		For >75 To 100, Deduct	*-177.24*	
		For >100, Deduct	*-212.68*	
		For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	*284.59*	
23 81 16 00-0045	EA	10,000 BTU, 10.7 EER, 230/208 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS10D30A)	1,710.27	90.35
		For >10 To 50, Deduct	*-76.48*	
		For >50 To 75, Deduct	*-107.07*	
		For >75 To 100, Deduct	*-152.96*	
		For >100, Deduct	*-183.55*	
		For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	*284.59*	
23 81 16 00-0046	EA	12,000 BTU, 9.8 EER, 230/208 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS12D30A)	1,953.06	90.35
		For >10 To 50, Deduct	*-88.62*	
		For >50 To 75, Deduct	*-124.06*	
		For >75 To 100, Deduct	*-177.24*	
		For >100, Deduct	*-212.68*	
		For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	*284.59*	

23 81 16 00-0047 Heating And Cooling, Through-The-Wall, Room Air-Conditioners *(23 81 16 00-0039)*

23 81 16 00-0048 Electric Heat, Heating And Cooling, Through-The-Wall, Room Air-Conditioners (Friedrich) *(23 81 16 00-0047)*

23 81 16 00-0049	EA	10,000 BTU, 9.8 EER, 230/208 Volt, Heating And Cooling, Through-The-Wall, Room Air-Conditioner (Friedrich WE10D33)	2,009.09	90.35
		For >10 To 50, Deduct	*-91.42*	
		For >50 To 75, Deduct	*-127.99*	
		For >75 To 100, Deduct	*-182.84*	
		For >100, Deduct	*-219.41*	
		For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	*284.59*	
23 81 16 00-0050	EA	12,000 BTU, 9.8 EER, 230/208 Volt, Heating And Cooling, Through-The-Wall, Room Air-Conditioner (Friedrich WE12D33)	2,158.50	90.35
		For >10 To 50, Deduct	*-98.89*	
		For >50 To 75, Deduct	*-138.45*	
		For >75 To 100, Deduct	*-197.78*	
		For >100, Deduct	*-237.33*	
		For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	*284.59*	

23 81 23 Computer-Room Air-Conditioners *(23 81)*

Note: Includes equipment rigging. Indoor units include filters.

23 81 23 12 Large-Capacity, Computer-Room Air-Conditioners, Floor Mounted Units *(23 81 23)*

23 81 23 12-0001 Floor Mounted Air-Cooled Direct Expansion Type *(23 81 23 12)*

Note: Includes compressor sequence switch, mode alert monitor, locking or non-locking disconnect switch, smoke sensor, firestat, infrared humidifier, auto flush on humidifier, two liquitect sensors, floor stand, condensate pump, and outdoor air-cooled condenser complete with fan speed control. Excludes precharged copper pipe.

23 81 23 12-0002	EA	3 Ton Air-Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	42,506.41	2,571.26
		For Liebert Unit, Add	*4,830.66*	
23 81 23 12-0003	EA	5 Ton Air-Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	46,917.40	2,812.30
		For Liebert Unit, Add	*5,334.45*	
23 81 23 12-0004	EA	6 Ton Air-Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	70,264.92	3,214.07
		For Liebert Unit, Add	*8,185.56*	
23 81 23 12-0005	EA	8 Ton Air-Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	74,888.17	3,414.95
		For Liebert Unit, Add	*8,726.12*	
23 81 23 12-0006	EA	10 Ton Air-Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	79,511.44	3,615.83
		For Liebert Unit, Add	*9,266.68*	
23 81 23 12-0007	EA	16 Ton Air-Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	93,576.36	4,338.99
		For Liebert Unit, Add	*10,878.65*	
23 81 23 12-0008	EA	20 Ton Air-Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	105,783.57	4,821.10
		For Liebert Unit, Add	*12,326.61*	
23 81 23 12-0009	EA	22 Ton Air-Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	116,802.98	4,980.12
		For Liebert Unit, Add	*13,669.76*	
23 81 23 12-0010	EA	24 Ton Air-Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	126,545.65	5,142.50
		For Liebert Unit, Add	*14,852.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 23 12-0011	EA	30 Ton Air-Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	136,794.54	5,785.32
		For Liebert Unit, Add	*16,023.72*	

23 81 23 12-0012 Floor Mounted Chilled Water Type *(23 81 23 12)*

Note: Includes mode alert monitor, locking or non-locking disconnect switch, smoke sensor, firestat, infrared humidifier, auto flush on humidifier, two liquitect sensors, floor stand, and condensate pump. Excludes chilled water source. See CSI section 23 81 23 12-0020 for chilled water source.

23 81 23 12-0013	EA	3 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	25,404.92	1,761.84
		For Liebert Unit, Add	*2,881.98*	
23 81 23 12-0014	EA	5 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	27,299.71	1,951.57
		For Liebert Unit, Add	*3,087.20*	
23 81 23 12-0015	EA	12 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	33,756.13	2,972.53
		For Liebert Unit, Add	*3,724.10*	
23 81 23 12-0016	EA	16 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	35,293.78	3,011.69
		For Liebert Unit, Add	*3,909.83*	
23 81 23 12-0017	EA	20 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	36,650.14	3,132.15
		For Liebert Unit, Add	*4,057.24*	
23 81 23 12-0018	EA	22 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	37,507.35	3,433.32
		For Liebert Unit, Add	*4,116.20*	
23 81 23 12-0019	EA	31 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	39,785.66	3,734.49
		For Liebert Unit, Add	*4,352.05*	

23 81 23 12-0020 Floor Mounted Water Source For Computer Room Air Conditioner *(23 81 23 12)*

Note: Excludes computer room air conditioner

23 81 23 12-0021	EA	3 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	19,666.17	1,607.03
		For Liebert Unit, Add	*2,158.07*	
23 81 23 12-0022	EA	5 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	21,646.13	1,687.39
		For Liebert Unit, Add	*2,390.47*	
23 81 23 12-0023	EA	6 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	28,073.80	1,767.74
		For Liebert Unit, Add	*3,179.00*	
23 81 23 12-0024	EA	8 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	30,253.46	1,928.44
		For Liebert Unit, Add	*3,419.70*	
23 81 23 12-0025	EA	9 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	31,834.97	2,009.04
		For Liebert Unit, Add	*3,602.31*	
23 81 23 12-0026	EA	10 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	33,416.48	2,089.14
		For Liebert Unit, Add	*3,784.91*	
23 81 23 12-0027	EA	12 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	34,725.65	2,249.84
		For Liebert Unit, Add	*3,917.72*	
23 81 23 12-0028	EA	16 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	36,255.11	2,410.55
		For Liebert Unit, Add	*4,083.72*	
23 81 23 12-0029	EA	20 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	37,337.89	2,571.26
		For Liebert Unit, Add	*4,190.70*	
23 81 23 12-0030	EA	25 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	42,633.64	3,053.36
		For Liebert Unit, Add	*4,758.81*	

23 81 23 12-0031 Floor Mounted Glycol System Type *(23 81 23 12)*

Note: Includes mode alert monitor, locking or non-locking disconnect switch, smoke sensor, firestat, infrared humidifier, auto flush on humidifier, two liquitect sensors, floor stand, and condensate pump. Excludes chilled water source. See CSI section 23 81 23 12-0020 for water source.

23 81 23 12-0032	EA	3 Ton Computer Room Air Conditioner, Glycol System Type	51,780.93	1,761.84
		For Drycooler, Add	*18,475.69*	
		Note: Installation is externally mounted.		
		For Integrated Fluid Econocoil (Economizer Functionality), Add	*8,700.00*	
23 81 23 12-0033	EA	5 Ton Computer Room Air Conditioner, Glycol System Type	55,712.06	1,951.57
		For Drycooler, Add	*19,889.53*	
		Note: Installation is externally mounted.		
		For Integrated Fluid Econocoil (Economizer Functionality), Add	*8,700.00*	
23 81 23 12-0034	EA	6 Ton Computer Room Air Conditioner, Glycol System Type	72,935.38	2,186.48
		For Drycooler, Add	*25,964.68*	
		Note: Installation is externally mounted.		
		For Integrated Fluid Econocoil (Economizer Functionality), Add	*8,700.00*	
23 81 23 12-0035	EA	8 Ton Computer Room Air Conditioner, Glycol System Type	84,400.54	2,421.40
		For Drycooler, Add	*30,024.47*	
		Note: Installation is externally mounted.		
		For Integrated Fluid Econocoil (Economizer Functionality), Add	*8,700.00*	
23 81 23 12-0036	EA	9 Ton Computer Room Air Conditioner, Glycol System Type	89,173.27	2,538.85
		For Drycooler, Add	*31,718.41*	
		Note: Installation is externally mounted.		
		For Integrated Fluid Econocoil (Economizer Functionality), Add	*8,700.00*	
23 81 23 12-0037	EA	10 Ton Computer Room Air Conditioner, Glycol System Type	95,240.43	2,656.30
		For Drycooler, Add	*33,865.41*	
		Note: Installation is externally mounted.		
		For Integrated Fluid Econocoil (Economizer Functionality), Add	*8,700.00*	
23 81 23 12-0038	EA	12 Ton Computer Room Air Conditioner, Glycol System Type	101,711.77	2,774.36
		For Drycooler, Add	*36,153.87*	
		Note: Installation is externally mounted.		
		For Integrated Fluid Econocoil (Economizer Functionality), Add	*8,700.00*	
23 81 23 12-0039	EA	15 Ton Computer Room Air Conditioner, Glycol System Type	109,228.67	2,879.17
		For Drycooler, Add	*38,808.28*	
		Note: Installation is externally mounted.		
		For Integrated Fluid Econocoil (Economizer Functionality), Add	*8,700.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 23 12-0040	EA	16 Ton Computer Room Air Conditioner, Glycol System Type	116,333.15	3,011.69
		For Drycooler, Add	*41,321.95*	
		Note: Installation is externally mounted.		
		For 10 HP Glycol Pump, Add	*21,500.00*	
		For Remote Pump Control Panel, Add	*7,630.00*	
		For Integrated Fluid Econocoil (Economizer Functionality), Add	*8,700.00*	
23 81 23 12-0041	EA	20 Ton Computer Room Air Conditioner, Glycol System Type	127,643.56	3,132.15
		For Drycooler, Add	*45,304.09*	
		Note: Installation is externally mounted.		
		For 10 HP Glycol Pump, Add	*21,500.00*	
		For Remote Pump Control Panel, Add	*7,630.00*	
		For Integrated Fluid Econocoil (Economizer Functionality), Add	*8,700.00*	
23 81 23 12-0042	EA	22 Ton Computer Room Air Conditioner, Glycol System Type	132,282.28	3,433.32
		For Drycooler, Add	*46,985.47*	
		Note: Installation is externally mounted.		
		For 10 HP Glycol Pump, Add	*21,500.00*	
		For Remote Pump Control Panel, Add	*7,630.00*	
		For Integrated Fluid Econocoil (Economizer Functionality), Add	*8,700.00*	
23 81 23 12-0043	EA	30 Ton Computer Room Air Conditioner, Glycol System Type	161,361.18	3,734.49
		For Drycooler, Add	*57,221.81*	
		Note: Installation is externally mounted.		
		For 10 HP Glycol Pump, Add	*21,500.00*	
		For Remote Pump Control Panel, Add	*7,630.00*	
		For Integrated Fluid Econocoil (Economizer Functionality), Add	*8,700.00*	

23 81 23 12-0044 Removal And Reinstallation Of Computer Room Unit *(23 81 23 12)*

Note: Includes storage and cleaning. Excludes main mechanical piping. Reconnection of existing valves are included.

23 81 23 12-0045	EA	Removal And Reinstallation Up To 6 Ton, Floor Mounted Chilled Water Computer Room Unit	2,409.35	
23 81 23 12-0046	EA	Removal And Reinstallation Up To 6 Ton Direct Expansion Computer Room Unit	2,007.79	

23 81 23 13 Computer-Room Air-Conditioners, Ceiling Mounted Units *(23 81 23)*

23 81 23 13-0001 Horizontal Indoor Single Package Cooling Unit *(23 81 23 13)*

Note: Carrier 50AH With indoor scroll compressor, plenum mounted.

23 81 23 13-0002	EA	2 Ton Horizontal Indoor Single-Package Cooling Unit, 800 CFM Nominal	21,020.45	722.80
23 81 23 13-0003	EA	3 Ton Horizontal Indoor Single-Package Cooling Unit, 1,200 CFM Nominal	24,635.93	903.51
23 81 23 13-0004	EA	4 Ton Horizontal Indoor Single-Package Cooling Unit, 1,600 CFM Nominal	28,686.17	1,084.20
23 81 23 13-0005	EA	5 Ton Horizontal Indoor Single-Package Cooling Unit, 2,000 CFM Nominal	33,390.85	1,204.67

23 81 26 Split-System Air-Conditioners *(23 81)*

23 81 26 13 Small-Capacity Split-System Air-Conditioners *(23 81 26)*

23 81 26 13-0001 Split System A/C Unit *(23 81 26 13)*

See CSI section 23 23 16 00-0001 for piping.

23 81 26 13-0002 Ductless Split System Air Conditioners *(23 81 26 13-0001)*

Note: Excludes refrigerant piping, electrical, and pad. Panasonic units or equal. See CSI section 23 81 49 00-0025 for ductless heat pumps.

23 81 26 13-0003 Wall Mounted Ductless Split System Air Conditioners *(23 81 26 13-0002)*

23 81 26 13-0004	EA	9,000 BTU, 16 SEER, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	2,245.94	397.54
23 81 26 13-0005	EA	11,900 BTU, 17 SEER, Wall Mounted Ductless Split System Air Conditioner Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	2,434.14	433.68
23 81 26 13-0006	EA	17,500 BTU, 20 SEER, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	3,031.30	481.87
23 81 26 13-0007	EA	24,200 BTU, 17 SEER, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	3,368.12	530.06
23 81 26 13-0008	EA	25,200 BTU, 14.9 SEER, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	5,133.84	578.24
23 81 26 13-0009	EA	29,800 BTU, 15 SEER, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	5,961.03	602.34
23 81 26 13-0010	EA	31,400 BTU, 15.9 SEER, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	6,536.16	642.09

23 81 26 13-0011 Dual and Tri Zone Wall Mounted Ductless Split System Air Conditioners *(23 81 26 13-0002)*

Note: Use this section only when matching indoor and outdoor capacity units are not used.

23 81 26 13-0012	EA	7,500 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit and wireless thermostat.	972.35	192.75
23 81 26 13-0013	EA	9,000 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit and wireless thermostat.	1,028.50	204.80
23 81 26 13-0014	EA	11,900 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit and wireless thermostat.	1,085.55	216.84
23 81 26 13-0015	EA	17,500 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit and wireless thermostat.	1,224.30	228.89
23 81 26 13-0016	EA	24,200 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit and wireless thermostat.	1,309.18	240.94
23 81 26 13-0017	EA	19,700 BTU, 16.5 SEER, Outdoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes outdoor unit and refrigerant charge.	2,643.37	289.12

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 26 13-0018	EA	25,400 BTU, 16.2 SEER, Outdoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes outdoor unit and refrigerant charge.	2,923.55	313.21
23 81 26 13-0019	EA	30,600 BTU, 17.6 SEER, Outdoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes outdoor unit and refrigerant charge.	4,586.24	337.31
23 81 26 13-0020		Suspended Ceiling Mounted Ductless Split System Air Conditioners *(23 81 26 13-0002)* Note: Excludes hangers.		
23 81 26 13-0021	EA	24,400 BTU, 14.5 SEER, Ceiling Suspended Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	5,486.95	578.24
23 81 26 13-0022	EA	31,200 BTU, 15.1 SEER, Ceiling Suspended Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	6,687.20	690.28
23 81 26 13-0023	EA	39,000 BTU, 15.6 SEER, Ceiling Suspended Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	8,133.08	722.80
23 81 26 13-0024		Recessed Ceiling Mounted Ductless Split System Air Conditioners *(23 81 26 13-0002)* Note: Excludes hangers.		
23 81 26 13-0025	EA	11,900 BTU, 16 SEER, Ceiling Recessed Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	3,394.88	481.87
23 81 26 13-0026	EA	17,500 BTU, 16 SEER, Ceiling Recessed Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	3,952.55	530.06
23 81 26 13-0027	EA	24,800 BTU, 14.1 SEER, Ceiling Recessed Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	5,472.75	626.43
23 81 26 13-0028	EA	32,600 BTU, 14.6 SEER, Ceiling Recessed Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	6,328.11	690.28
23 81 26 13-0029	EA	39,500 BTU, 14.6 SEER, Ceiling Recessed Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	7,953.53	722.80
23 81 26 13-0030		Ductless Split System Accessories *(23 81 26 13-0002)*		
23 81 26 13-0031	LF	3" Line Set Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers	14.53	1.73
23 81 26 13-0032	LF	4" Line Set Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers	18.77	1.90
23 81 26 13-0033	LF	6" Line Set Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers	23.44	2.09
23 81 26 13-0034	EA	3" Union Coupling, Rigid Polyvinyl Chloride (PVC) Line Set Covers	24.30	3.24
23 81 26 13-0035	EA	4" Union Coupling, Rigid Polyvinyl Chloride (PVC) Line Set Covers	42.21	3.56
23 81 26 13-0036	EA	6" Union Coupling, Rigid Polyvinyl Chloride (PVC) Line Set Covers	48.13	3.91
23 81 26 13-0037	EA	3" 90 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	60.71	6.48
23 81 26 13-0038	EA	4" 90 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	101.36	7.12
23 81 26 13-0039	EA	6" 90 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	113.19	7.84
23 81 26 13-0040	EA	3" 90 Degree Long Radius Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	81.36	6.90
23 81 26 13-0041	EA	4" 90 Degree Long Radius Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	95.54	7.60
23 81 26 13-0042	EA	6" 90 Degree Long Radius Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	148.63	8.36
23 81 26 13-0043	EA	3" 45 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	60.71	6.48
23 81 26 13-0044	EA	4" 45 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	101.36	7.12
23 81 26 13-0045	EA	6" 45 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	113.19	7.84
23 81 26 13-0046	EA	3" Wall Penetration Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers	78.62	10.80
23 81 26 13-0047	EA	4" Wall Penetration Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers	115.75	11.87
23 81 26 13-0048	EA	6" Wall Penetration Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers	138.70	13.06
23 81 26 13-0049	EA	2-1/2" Wall Sleeve, Rigid Polyvinyl Chloride (PVC) Line Set Covers	45.21	2.16
23 81 26 13-0050	EA	3" x 20" Flexible Joint, Rigid Polyvinyl Chloride (PVC) Line Set Covers	48.62	6.48
23 81 26 13-0051	EA	4" x 20' Flexible Joint, Rigid Polyvinyl Chloride (PVC) Line Set Covers	79.60	7.12
23 81 26 13-0052	EA	3" Duct End Termination, Rigid Polyvinyl Chloride (PVC) Line Set Covers	43.78	6.48
23 81 26 13-0053	EA	4" Duct End Termination, Rigid Polyvinyl Chloride (PVC) Line Set Covers	60.25	7.12
23 81 26 13-0054	EA	6" Duct End Termination, Rigid Polyvinyl Chloride (PVC) Line Set Covers	64.83	7.84
23 81 26 13-0055	EA	4" T Joint, Rigid Polyvinyl Chloride (PVC) Line Set Covers	217.18	8.63
23 81 26 13-0056	EA	6" T Joint, Rigid Polyvinyl Chloride (PVC) Line Set Covers	246.39	9.50
23 81 26 13-0057	EA	14" Condensing Unit Mounting Blocks With End Caps	131.93	32.38
23 81 26 13-0058	EA	17" Condensing Unit Mounting Blocks With End Caps	145.73	34.53
23 81 26 13-0059	EA	36" Condensing Unit Mounting Blocks With End Caps	200.63	36.69
23 81 26 13-0060	EA	End Cap, Set of 4	24.16	
23 81 26 13-0061	EA	18" Condensing Unit Type 2 Wall Bracket, 165 Lb. Capacity	280.97	64.75
23 81 26 13-0062	EA	21" Condensing Unit Type 2 Wall Bracket, 220 Lb. Capacity	298.18	69.07
23 81 26 13-0063	LF	5/8" ID Condensate Drain Line	3.21	0.17
23 81 26 13-0064	LF	3/4" ID Condensate Drain Line	3.32	0.17
23 81 26 13-0065		Cased A/C Evaporator Coils *(23 81 26 13-0001)*		
23 81 26 13-0066		Vertical Cased A/C Evaporator Coils *(23 81 26 13-0065)*		
23 81 26 13-0067	EA	1-1/2 Ton Vertical Cased A/C Evaporator Coil	887.78	119.60
23 81 26 13-0068	EA	2 Ton Vertical Cased A/C Evaporator Coil	923.87	128.57
23 81 26 13-0069	EA	2-1/2 Ton Vertical Cased A/C Evaporator Coil	1,107.85	137.54
23 81 26 13-0070	EA	3 Ton Vertical Cased A/C Evaporator Coil	1,268.50	146.52
23 81 26 13-0071	EA	3-1/2 Ton Vertical Cased A/C Evaporator Coil	1,477.62	152.49
23 81 26 13-0072	EA	4 Ton Vertical Cased A/C Evaporator Coil	1,655.62	158.47
23 81 26 13-0073	EA	4-1/2 Ton Vertical Cased A/C Evaporator Coil	1,778.13	170.44
23 81 26 13-0074	EA	5 Ton Vertical Cased A/C Evaporator Coil	1,785.71	179.41
23 81 26 13-0075		"A" Style Horizontal Cased A/C Evaporator Coils *(23 81 26 13-0065)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 26 13-0076	EA	2 Ton "A" Style Horizontal Cased A/C Evaporator Coil	1,101.32	122.59
23 81 26 13-0077	EA	2-1/2 Ton "A" Style Horizontal Cased A/C Evaporator Coil	1,273.26	129.47
23 81 26 13-0078	EA	3 Ton "A" Style Horizontal Cased A/C Evaporator Coil	1,464.69	137.54
23 81 26 13-0079	EA	3-1/2 Ton "A" Style Horizontal Cased A/C Evaporator Coil	1,517.32	142.51
23 81 26 13-0080	EA	4 Ton "A" Style Horizontal Cased A/C Evaporator Coil	1,588.40	149.50
23 81 26 13-0081	EA	4-1/2 Ton "A" Style Horizontal Cased A/C Evaporator Coil	1,604.10	157.27
23 81 26 13-0082	EA	5 Ton "A" Style Horizontal Cased A/C Evaporator Coil	1,619.50	165.05
23 81 26 13-0083		Slab Style Horizontal Cased A/C Evaporator Coils *(23 81 26 13-0065)*		
23 81 26 13-0084	EA	2 Ton Slab Style Horizontal Cased A/C Evaporator Coil	953.44	122.59
23 81 26 13-0085	EA	3 Ton Slab Style Horizontal Cased A/C Evaporator Coil	1,150.77	137.54
23 81 26 13-0086	EA	4 Ton Slab Style Horizontal Cased A/C Evaporator Coil	1,334.15	149.50
23 81 26 13-0087	EA	5 Ton Slab Style Horizontal Cased A/C Evaporator Coil	1,616.91	165.05
23 81 26 16		**Large-Capacity Split-System Air-Conditioners** *(23 81 26)*		
23 81 26 16-0001		Split System Air Conditioners, Variable Refrigerant Flow (Mitsubishi City Multi) *(23 81 26 16)*		
23 81 26 16-0002		Outdoor Units *(23 81 26 16-0001)*		
23 81 26 16-0003	EA	6 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P72YKMU-A)	17,178.55	632.45
23 81 26 16-0004	EA	8 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P96YKMU-A)	18,627.72	752.92
23 81 26 16-0005	EA	10 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P120YKMU-A)	20,973.60	903.51
23 81 26 16-0006	EA	12 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P144YKMU-A)	25,815.15	933.62
23 81 26 16-0007	EA	12 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P144YSKMU-A)	34,333.06	963.74
23 81 26 16-0008	EA	14 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P168YSKMU-A)	35,601.53	993.85
23 81 26 16-0009	EA	16 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P192YSKMU-A)	36,870.00	1,023.97
23 81 26 16-0010	EA	18 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P216YSKMU-A)	39,035.18	1,084.20
23 81 26 16-0011	EA	20 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P240YSKMU-A)	41,200.37	1,144.44
23 81 26 16-0012	EA	22 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P264YSKMU-A)	46,102.16	1,204.67
23 81 26 16-0013	EA	24 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P288YSKMU-A)	51,003.94	1,264.91
23 81 26 16-0014		Indoor Units *(23 81 26 16-0001)*		
23 81 26 16-0015	EA	6 MBH Cooling, 6.7 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P06NBMU-E2)	1,785.64	195.76
23 81 26 16-0016	EA	8 MBH Cooling, 9 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P08NHMU-E2)	1,877.71	210.82
23 81 26 16-0017	EA	12 MBH Cooling, 13.5 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P12NHMU-E2)	1,959.47	225.88
23 81 26 16-0018	EA	15 MBH Cooling, 17 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P15NHMU-E2)	2,056.71	240.94
23 81 26 16-0019	EA	18 MBH Cooling, 20 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P18NHMU-E2)	2,229.68	286.11
23 81 26 16-0020	EA	24 MBH Cooling, 27 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P24NKMU-E2)	2,491.61	346.34
23 81 26 16-0021	EA	30 MBH Cooling, 34 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P30NKMU-E2)	2,699.53	376.46
23 81 26 16-0022	EA	6 MBH Cooling, 6.7 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P06NMAU-E3)	2,583.81	215.34
23 81 26 16-0023	EA	8 MBH Cooling, 9 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P08NMAU-E3)	2,673.73	231.90
23 81 26 16-0024	EA	12 MBH Cooling, 13.5 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P12NMAU-E3)	2,820.47	248.47
23 81 26 16-0025	EA	15 MBH Cooling, 17 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P15NMAU-E3)	3,060.13	265.03
23 81 26 16-0026	EA	18 MBH Cooling, 20 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P18NMAU-E3)	3,231.80	314.72
23 81 26 16-0027	EA	24 MBH Cooling, 27 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P24NMAU-E3)	3,550.19	380.98
23 81 26 16-0028	EA	27 MBH Cooling, 30 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P27NMAU-E3)	3,733.07	397.54
23 81 26 16-0029	EA	30 MBH Cooling, 34 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P30NMAU-E3)	3,936.60	414.10
23 81 26 16-0030	EA	36 MBH Cooling, 40 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P36NMAU-E3)	4,365.35	455.52
23 81 26 16-0031	EA	48 MBH Cooling, 54 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P48NMAU-E3)	4,838.56	501.07
23 81 26 16-0032	EA	54 MBH Cooling, 60 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P54NMAU-E3)	5,238.25	551.18
23 81 26 16-0033	EA	72 MBH Cooling, 80 MBH Heating Ceiling Concealed High Static Ducted Indoor Unit (Mitsubishi PEFY-P72NMHSU-E)	6,634.17	606.29
23 81 26 16-0034	EA	96 MBH Cooling, 108 MBH Heating Ceiling Concealed High Static Ducted Indoor Unit (Mitsubishi PEFY-P96NMHSU-E)	7,529.95	666.92
23 81 26 16-0035	EA	12 MBH Cooling, 13.5 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-EP12NEMU-E)	2,937.16	248.47
23 81 26 16-0036	EA	15 MBH Cooling, 17 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-EP15NEMU-E)	3,097.31	265.03
23 81 26 16-0037	EA	18 MBH Cooling, 20 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-EP18NEMU-E)	3,272.08	314.72
23 81 26 16-0038	EA	24 MBH Cooling, 27 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-EP24NEMU-E)	3,669.98	380.98
23 81 26 16-0039	EA	30 MBH Cooling, 34 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-EP30NEMU-E)	3,954.15	414.10
23 81 26 16-0040	EA	36 MBH Cooling, 40 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-EP36NEMU-E)	4,835.22	455.52
23 81 26 16-0041	EA	6 MBH Cooling, 6.7 MBH Heating 1-Way Ceiling Recessed Cassette With Grille (Mitsubishi PMFY-P06NBMU-ER5)	2,640.61	215.34
23 81 26 16-0042	EA	8 MBH Cooling, 9 MBH Heating 1-Way Ceiling Recessed Cassette With Grille (Mitsubishi PMFY-P08NBMU-ER5)	2,777.00	231.90
23 81 26 16-0043	EA	12 MBH Cooling, 13.5 MBH Heating 1-Way Ceiling Recessed Cassette With Grille (Mitsubishi PMFY-P12NBMU-ER5)	2,985.70	248.47
23 81 26 16-0044	EA	15 MBH Cooling, 17 MBH Heating 1-Way Ceiling Recessed Cassette With Grille (Mitsubishi PMFY-P15NBMU-ER5)	3,142.75	265.03
23 81 26 16-0045	EA	8 MBH Cooling, 9 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-P08NCMU-ER4)	2,446.54	231.90
23 81 26 16-0046	EA	12 MBH Cooling, 13.5 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-P12NCMU-ER4)	2,572.62	248.47
23 81 26 16-0047	EA	15 MBH Cooling, 17 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-P15NCMU-ER4)	2,703.86	265.03

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 26 16-0048		**Controllers For Outdoor Units** *(23 81 26 16-0001)*		
23 81 26 16-0049	EA	8 Branch (Main BC) (Mitsubishi CMB-P108NU-HA1)	9,294.11	180.71
23 81 26 16-0050	EA	10 Branch (Main BC) (Mitsubishi CMB-P1010NU-HA1)	10,748.46	210.82
23 81 26 16-0051	EA	13 Branch (Main BC) (Mitsubishi CMB-P1013NU-GA)	11,877.52	240.94
23 81 26 16-0052	EA	16 Branch (Main BC) (Mitsubishi CMB-P1016NU-HA)	14,096.07	271.05
23 81 26 16-0053	EA	4 Branch (Sub BC) (Mitsubishi CMB-P104NU-GB)	5,182.33	120.46
23 81 26 16-0054	EA	8 Branch (Sub BC) (Mitsubishi CMB-P108NU-GB)	7,982.60	180.71
23 81 26 16-0055	EA	16 Branch (Sub BC) (Mitsubishi CMB-P1016NU-HB)	12,201.10	271.05
23 81 26 16-0056		**Energy Recovery Units** *(23 81 26 16-0001)*		
23 81 26 16-0057	EA	36.2 MBH Cooling, 39.9 MBH Heating Hydronic Heat Exchanger Auxiliary Unit (Mitsubishi PWFY-P36NMU-E2-AU)	6,578.15	180.71
23 81 26 16-0058	EA	39.9 MBH Hydronic Heat Exchanger Booster Unit (Mitsubishi PWFY-P36NMU-E-BU)	12,443.79	180.71
23 81 26 16-0059	EA	112 MBH Cooling, 61.4 MBH Heating Reheat Unit (Mitsubishi PEFY-AF1200CFMR)	12,622.78	210.82
23 81 26 16-0060	EA	Lossnay Energy Recovery Ventilator ERV, 300 CFM (Mitsubishi LGH-F300RX5-E)	2,624.71	150.58
23 81 26 16-0061	EA	Lossnay Energy Recovery Ventilator ERV, 470 CFM (Mitsubishi LGH-F470RX5-E)	3,344.13	156.60
23 81 26 16-0062	EA	Lossnay Energy Recovery Ventilator ERV, 600 CFM (Mitsubishi LGH-F600RX5-E)	3,986.12	162.64
23 81 26 16-0063	EA	Lossnay Energy Recovery Ventilator ERV, 1,200 CFM (Mitsubishi LGH-F1200RX5-E1)	7,264.88	180.71
23 81 26 16-0064		**Piping Specialties** *(23 81 26 16-0001)*		
23 81 26 16-0065	EA	Maintenance Tool Interface (Mitsubishi CMS-MNG-E)	919.09	
23 81 26 16-0066	EA	Branch Joint (Mitsubishi CMY-Y102SS-G2)	244.56	45.43
23 81 26 16-0067	EA	Branch Joint (Mitsubishi CMY-Y102LS-G2)	244.56	45.43
23 81 26 16-0068	EA	Branch Joint (Mitsubishi CMY-Y202S-G2)	271.20	47.83
23 81 26 16-0069	EA	Branch Joint (Mitsubishi CMY-Y302S-G2)	339.95	53.80
23 81 26 16-0070	EA	Header - 4 Branch (Mitsubishi CMY-Y64-G-E)	444.57	77.71
23 81 26 16-0071	EA	Header - 8 Branch (Mitsubishi CMY-Y68-G-E)	754.89	155.42
23 81 26 16-0072	EA	Refrigeration Ball Valve-Flare/Schrader/Insulated - 3/8" (Mitsubishi BV38FFSI)	136.35	19.13
23 81 26 16-0073	EA	Refrigeration Ball Valve-Flare/Schrader/Insulated - 5/8" (Mitsubishi BV58FFSI)	153.81	26.30
23 81 26 16-0074		**Split System Air Conditioners (Daikin VRV)** *(23 81 26 16)*		
23 81 26 16-0075		**Heat Pump Outdoor Units** *(23 81 26 16-0074)*		
23 81 26 16-0076	EA	6 Ton Heat Pump Outdoor Unit (Daikin)	26,226.59	632.45
23 81 26 16-0077	EA	8 Ton Heat Pump Outdoor Unit (Daikin)	29,314.02	752.92
23 81 26 16-0078	EA	10 Ton Heat Pump Outdoor Unit (Daikin)	32,680.66	903.51
23 81 26 16-0079	EA	12 Ton Heat Pump Outdoor Unit (Daikin)	40,842.49	933.62
23 81 26 16-0080	EA	14 Ton Heat Pump Outdoor Unit (Daikin)	54,757.57	993.85
23 81 26 16-0081	EA	16 Ton Heat Pump Outdoor Unit (Daikin)	57,883.27	1,023.97
23 81 26 16-0082	EA	18 Ton Heat Pump Outdoor Unit (Daikin)	60,850.25	1,084.20
23 81 26 16-0083	EA	20 Ton Heat Pump Outdoor Unit (Daikin)	64,036.19	1,144.44
23 81 26 16-0084	EA	22 Ton Heat Pump Outdoor Unit (Daikin)	82,987.40	1,204.67
23 81 26 16-0085	EA	24 Ton Heat Pump Outdoor Unit (Daikin)	86,173.32	1,264.91
23 81 26 16-0086	EA	26 Ton Heat Pump Outdoor Unit (Daikin)	89,359.26	1,325.14
23 81 26 16-0087	EA	28 Ton Heat Pump Outdoor Unit (Daikin)	92,326.24	1,385.37
23 81 26 16-0088	EA	30 Ton Heat Pump Outdoor Unit (Daikin)	95,512.17	1,445.61
23 81 26 16-0089		**Heat Recovery Heat Pump Outdoor Units** *(23 81 26 16-0074)*		
23 81 26 16-0090	EA	6 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin)	33,585.99	822.19
23 81 26 16-0091	EA	8 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin)	36,623.83	978.80
23 81 26 16-0092	EA	10 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin)	40,229.55	1,174.56
23 81 26 16-0093	EA	12 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin)	50,599.08	1,213.71
23 81 26 16-0094	EA	14 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin)	68,491.61	1,292.01
23 81 26 16-0095	EA	16 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin)	73,825.00	1,331.16
23 81 26 16-0096	EA	18 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin)	76,609.15	1,409.46
23 81 26 16-0097	EA	20 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin)	79,393.31	1,487.77
23 81 26 16-0098	EA	22 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin)	104,621.07	1,566.07
23 81 26 16-0099	EA	24 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin)	107,405.22	1,644.38
23 81 26 16-0100	EA	26 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin)	112,816.92	1,722.68
23 81 26 16-0101	EA	28 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin)	115,601.07	1,800.99
23 81 26 16-0102		**Indoor Units** *(23 81 26 16-0074)*		
23 81 26 16-0103	EA	7.5 MBH Cooling, 8.5 MBH Heating Wall Mounted Indoor Unit (Daikin)	2,983.07	210.82
23 81 26 16-0104	EA	9.5 MBH Cooling, 10.5 MBH Heating Wall Mounted Indoor Unit (Daikin)	3,117.00	216.84
23 81 26 16-0105	EA	12 MBH Cooling, 13.5 MBH Heating Wall Mounted Indoor Unit (Daikin)	3,529.61	225.88
23 81 26 16-0106	EA	18 MBH Cooling, 20 MBH Heating Wall Mounted Indoor Unit (Daikin)	3,951.67	286.11
23 81 26 16-0107	EA	24 MBH Cooling, 26.5 MBH Heating Wall Mounted Indoor Unit (Daikin)	4,332.41	346.34
23 81 26 16-0108	EA	7.5 MBH Cooling, 8.5 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin)	4,380.32	231.90
23 81 26 16-0109	EA	9.5 MBH Cooling, 10.5 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin)	4,527.85	238.52
23 81 26 16-0110	EA	12 MBH Cooling, 13.5 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin)	4,756.36	132.51
23 81 26 16-0111	EA	18 MBH Cooling, 20 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin)	5,043.80	314.72
23 81 26 16-0112	EA	24 MBH Cooling, 27 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin)	5,975.73	380.98
23 81 26 16-0113	EA	30 MBH Cooling, 34 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin)	6,837.28	414.10

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 26 16-0114	EA	36 MBH Cooling, 40 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin)	7,304.31	455.52
23 81 26 16-0115	EA	48 MBH Cooling, 54 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin)	7,550.35	501.07
23 81 26 16-0116	EA	7.5 MBH Cooling, 8.7 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Daikin)	4,905.00	231.90
23 81 26 16-0117	EA	9.5 MBH Cooling, 11.1 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Daikin)	5,021.55	238.52
23 81 26 16-0118	EA	12 MBH Cooling, 14 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Daikin)	5,340.95	248.47
23 81 26 16-0119	EA	18 MBH Cooling, 21 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Daikin)	5,690.36	314.72

23 81 26 16-0120 Branch Selector Boxes *(23 81 26 16-0074)*

23 81 26 16-0121	EA	144 MBH, 4 Branch, Multi Port Branch Selector Box (Daikin)	14,993.61	271.05
23 81 26 16-0122	EA	216 MBH, 6 Branch, Multi Port Branch Selector Box (Daikin)	22,181.08	361.40
23 81 26 16-0123	EA	36 MBH, 4 Branch, Single Port Branch Selector Box (Daikin)	2,946.98	120.46
23 81 26 16-0124	EA	60 MBH, 8 Branch, Single Port Branch Selector Box (Daikin)	3,970.14	180.71
23 81 26 16-0125	EA	96 MBH, 8 Branch, Single Port Branch Selector Box (Daikin)	4,921.35	271.05

23 81 26 16-0126 Controllers *(23 81 26 16-0074)*

23 81 26 16-0127	EA	Up To 16 Units, Navigation Controller (Daikin)	912.29	24.09
23 81 26 16-0128	EA	Individual Zone Controller (Daikin)	656.14	24.09
23 81 26 16-0129	EA	Up To 16 Groups, Unified ON/OFF Controller (Daikin)	1,282.04	24.09
23 81 26 16-0130	EA	Up To 64 Units, Multizone Controller (Daikin)	1,800.53	24.09
23 81 26 16-0131	EA	I-Touch Manager Replaced Both Daikin IMP-128 thru 1024 and DCS601C71 (Daikin)	16,731.27	289.12
23 81 26 16-0132	EA	I-Touch Manager D3net Plus Adapter (Daikin)	3,132.89	24.09
23 81 26 16-0133	EA	24 Volt AC, Wired Thermostat For Split A/C Systems (Daikin))	687.27	42.52

23 81 26 16-0134 Energy Recovery Units *(23 81 26 16-0074)*

23 81 26 16-0135	EA	300 CFM Energy Recovery Unit (Daikin)	5,174.11	150.58
23 81 26 16-0136	EA	470 CFM Energy Recovery Unit (Daikin)	6,718.88	156.60
23 81 26 16-0137	EA	600 CFM Energy Recovery Unit (Daikin)	8,044.71	162.64
23 81 26 16-0138	EA	1,200 CFM Energy Recovery Unit (Daikin)	15,031.86	180.71

23 81 43 Air-Source Unitary Heat Pumps *(23 81)*

23 81 43 00-0001 Single Package Thru-Wall Heat Pumps *(23 81 43)*

Note: Air-to-air type with electric heat. Includes throwaway filters. Through the wall units are wired for 230/208 Volt, 1 phase, 60 HZ. With electronic controls, thermostat, cord and NEMA plug. Units are shipped fully factory assembled in one piece, prewired, prepiped and charged with refrigerant, complete with push button controls all mounted in a steel cabinet, wall sleeve and outdoor grille. Excludes crane and associated personnel. See CSI section 01 22 23 00-0788 for crane lifting equipment.

23 81 43 00-0002	EA	1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	2,334.58	195.87
		For Unit Economizer, Add	*311.69*	
		For >35 To 70, Deduct	*-58.68*	
		For >70 To 100, Deduct	*-97.80*	
		For >100, Deduct	*-136.91*	
		For Low Ambient Protection, 0 Degree F, Add	*270.70*	
23 81 43 00-0003	EA	1 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	2,578.03	208.93
		For Unit Economizer, Add	*344.73*	
		For >35 To 70, Deduct	*-65.20*	
		For >70 To 100, Deduct	*-108.66*	
		For >100, Deduct	*-152.13*	
		For Low Ambient Protection, 0 Degree F, Add	*296.79*	
23 81 43 00-0004	EA	1-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	4,403.53	208.93
		For Unit Economizer, Add	*600.30*	
		For >35 To 70, Deduct	*-119.96*	
		For >70 To 100, Deduct	*-199.94*	
		For >100, Deduct	*-279.91*	
		For Low Ambient Protection, 0 Degree F, Add	*461.09*	
23 81 43 00-0005	EA	2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	4,820.83	208.93
		For Unit Economizer, Add	*657.68*	
		For >35 To 70, Deduct	*-131.70*	
		For >70 To 100, Deduct	*-219.50*	
		For >100, Deduct	*-307.29*	
		For Low Ambient Protection, 0 Degree F, Add	*239.43*	
23 81 43 00-0006	EA	2-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	5,455.45	221.99
		For Unit Economizer, Add	*745.48*	
		For >35 To 70, Deduct	*-149.95*	
		For >70 To 100, Deduct	*-249.92*	
		For >100, Deduct	*-349.89*	
		For Low Ambient Protection, 0 Degree F, Add	*264.21*	
23 81 43 00-0007	EA	3 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	5,716.24	235.04
		For Unit Economizer, Add	*781.99*	
		For >35 To 70, Deduct	*-157.78*	
		For >70 To 100, Deduct	*-262.96*	
		For >100, Deduct	*-368.14*	
		For Low Ambient Protection, 0 Degree F, Add	*797.95*	
23 81 43 00-0008	EA	3-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	6,437.79	235.04
		For Unit Economizer, Add	*881.96*	
		For >35 To 70, Deduct	*-178.64*	
		For >70 To 100, Deduct	*-297.73*	
		For >100, Deduct	*-416.82*	
		For Low Ambient Protection, 0 Degree F, Add	*894.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 43 00-0009	EA	4 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	7,102.81	248.10
		For Unit Economizer, Add	*974.55*	
		For >35 To 70, Deduct	*-198.20*	
		For >70 To 100, Deduct	*-330.33*	
		For >100, Deduct	*-462.46*	
		For Low Ambient Protection, 0 Degree F, Add	*982.91*	
23 81 43 00-0010	EA	5 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	8,180.83	287.27
		For Unit Economizer, Add	*1,122.33*	
		For >35 To 70, Deduct	*-228.19*	
		For >70 To 100, Deduct	*-380.31*	
		For >100, Deduct	*-532.44*	
		For Low Ambient Protection, 0 Degree F, Add	*1,132.45*	
23 81 43 00-0011	EA	7-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	14,991.89	339.50
		For Unit Economizer, Add	*2,071.18*	
		For >35 To 70, Deduct	*-428.99*	
		For >70 To 100, Deduct	*-714.99*	
		For >100, Deduct	*-1,000.99*	
		For Low Ambient Protection, 0 Degree F, Add	*2,031.99*	
23 81 43 00-0012	EA	10 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	19,303.83	430.91
		For Unit Economizer, Add	*2,667.54*	
		For >35 To 70, Deduct	*-552.87*	
		For >70 To 100, Deduct	*-921.45*	
		For >100, Deduct	*-1,290.03*	
		For Low Ambient Protection, 0 Degree F, Add	*403.01*	
23 81 43 00-0013	EA	12-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	23,567.82	483.15
		For Unit Economizer, Add	*3,260.84*	
		For >35 To 70, Deduct	*-678.05*	
		For >70 To 100, Deduct	*-1,130.08*	
		For >100, Deduct	*-1,582.11*	
		For Low Ambient Protection, 0 Degree F, Add	*467.59*	
23 81 43 00-0014	EA	15 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	29,074.95	548.43
		For Unit Economizer, Add	*4,027.14*	
		For >35 To 70, Deduct	*-839.73*	
		For >70 To 100, Deduct	*-1,399.56*	
		For >100, Deduct	*-1,959.38*	
		For Low Ambient Protection, 0 Degree F, Add	*550.86*	
23 81 43 00-0015	EA	20 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	38,728.54	587.61
		For Unit Economizer, Add	*5,374.99*	
		For >35 To 70, Deduct	*-1,126.60*	
		For >70 To 100, Deduct	*-1,877.67*	
		For >100, Deduct	*-2,628.73*	
		For Low Ambient Protection, 0 Degree F, Add	*669.34*	
23 81 43 00-0016	EA	25 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	46,656.62	639.84
		For Unit Economizer, Add	*6,480.74*	
		For >35 To 70, Deduct	*-1,361.31*	
		For >70 To 100, Deduct	*-2,268.85*	
		For >100, Deduct	*-3,176.39*	
		For Low Ambient Protection, 0 Degree F, Add	*773.69*	

23 81 43 00-0017 Single Package Vertical Wall Heat Pumps *(23 81 43)*

Note: Air-to-air type with electric heat. Includes throwaway filters. Wall units are wired for 230/208 Volt, 1 phase, 60 HZ. With solid state electronic controls, thermostat, cord and NEMA plug. Units are shipped fully factory assembled in one piece, prewired, prepiped and charged with refrigerant, complete with push button controls, insulated steel cabinet, with wall sleeve and outdoor grille and stainless steel drain pan. Excludes crane and associated personnel. See CSI section 01 22 23 00-0788 for crane lifting equipment.

23 81 43 00-0018	EA	1/2 Ton Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	3,587.13	261.16
23 81 43 00-0019	EA	1 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	4,352.38	287.27
23 81 43 00-0020	EA	1-1/2 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	5,626.83	300.34
23 81 43 00-0021	EA	2 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	6,451.06	326.45
23 81 43 00-0022	EA	2-1/2 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	8,066.65	378.68
23 81 43 00-0023	EA	3 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	8,617.97	430.91
23 81 43 00-0024	EA	3-1/2 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	9,359.66	483.15
23 81 43 00-0025	EA	4 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	10,531.77	535.38
23 81 43 00-0026	EA	5 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	11,874.05	639.84

23 81 43 00-0027 Heat Pump, Room Air-Conditioners *(23 81 43)*

Note: Includes throwaway filters and supplemental heat.

23 81 43 00-0028 Heat Pump, Window Unit, Room Air-Conditioners *(23 81 43 00-0027)*

23 81 43 00-0029 Heat Pump, Window Unit, Room Air-Conditioners (Friedrich) *(23 81 43 00-0028)*

23 81 43 00-0030	EA	10,000 BTU, 10.9 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich YS10N10C)	2,585.61	126.49
		For >10 To 50, Deduct	*-116.63*	
		For >50 To 75, Deduct	*-163.28*	
		For >75 To 100, Deduct	*-233.26*	
		For >100, Deduct	*-279.92*	
23 81 43 00-0031	EA	12,000 BTU, 10.9 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich YS12N33C)	2,921.78	126.49
		For >10 To 50, Deduct	*-133.44*	
		For >50 To 75, Deduct	*-186.82*	
		For >75 To 100, Deduct	*-266.88*	
		For >100, Deduct	*-320.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 43 00-0032	EA	17,500 BTU, 10.9 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich KHM18A34A)	3,426.03	126.49
		For >10 To 50, Deduct	*-158.65*	
		For >50 To 75, Deduct	*-222.11*	
		For >75 To 100, Deduct	*-317.31*	
		For >100, Deduct	*-380.77*	
23 81 43 00-0033	EA	24,000 BTU, 10.3 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich YL24N35D)	3,986.31	126.49
		For >10 To 50, Deduct	*-186.67*	
		For >50 To 75, Deduct	*-261.33*	
		For >75 To 100, Deduct	*-373.33*	
		For >100, Deduct	*-448.00*	

23 81 43 00-0034 Heat Pump, Through-The-Wall, Room Air-Conditioners *(23 81 43 00-0027)*
Note: Base unit excludes wall sleeve.

23 81 43 00-0035 Heat Pump, Through-The-Wall, Room Air-Conditioners (Friedrich) *(23 81 43 00-0034)*

23 81 43 00-0036	EA	9,300 BTU, 9.8 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich WY09C33D)	2,606.72	90.35
		For >10 To 50, Deduct	*-121.30*	
		For >50 To 75, Deduct	*-169.82*	
		For >75 To 100, Deduct	*-242.60*	
		For >100, Deduct	*-291.12*	
		For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	*284.59*	
23 81 43 00-0037	EA	11,300 BTU, 9.3 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich WY12D33A)	2,606.72	90.35
		For >10 To 50, Deduct	*-121.30*	
		For >50 To 75, Deduct	*-169.82*	
		For >75 To 100, Deduct	*-242.60*	
		For >100, Deduct	*-291.12*	
		For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	*284.59*	

23 81 46 Water-Source Unitary Heat Pumps *(23 81)*

23 81 46 00-0001 Horizontal, Ceiling Mounted, Single Stage, 208/230-1-60, With 2-Way Solenoid Valve, Water Source Heat Pumps *(23 81 46)*
Note: Includes rubber isolator hanger brackets.

23 81 46 00-0002	EA	1/2 Ton, 300 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump	5,385.87	239.21
23 81 46 00-0003	EA	3/4 Ton, 300 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump	5,566.14	239.21
23 81 46 00-0004	EA	1 Ton, 400 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump	6,451.26	263.13
23 81 46 00-0005	EA	1-1/2 Ton, 630 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump	6,783.53	287.04
23 81 46 00-0006	EA	2 Ton, 800 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump	7,272.04	310.96
23 81 46 00-0007	EA	2-1/2 Ton, 1,000 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump	8,601.84	334.89
23 81 46 00-0008	EA	3 Ton, 1,200 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump	8,769.85	358.81
23 81 46 00-0009	EA	3-1/2 Ton, 1,400 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump	9,578.86	382.72
23 81 46 00-0010	EA	4 Ton, 1,600 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump	10,227.60	406.65
23 81 46 00-0011	EA	5 Ton, 2,000 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump	10,375.60	430.57

23 81 49 Split System Heat Pumps *(23 81)*

23 81 49 00-0001 Split System Heat Pump *(23 81 49)*
See CSI section 23 23 16 00-0001 for piping.

23 81 49 00-0002 Air-Cooled, Outdoor Section *(23 81 49 00-0001)*
Note: Includes 20' length of piping (liquid line and insulated suction line). Excludes additional piping.

23 81 49 00-0003	EA	1.5 Ton, 14 SEER, Outdoor Heat Pump Unit Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	4,506.68	387.82
		For Low Ambient Protection, 0 Degree F, Add	*813.14*	
		For Winterstart Control, Add	*215.52*	
		For 15 SEER, Add	*705.43*	
		For 16 SEER, Add	*1,136.53*	
		For 18 SEER, Add	*1,724.39*	
23 81 49 00-0004	EA	2 Ton, 14 SEER, Outdoor Heat Pump Unit Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	4,648.34	430.91
		For Low Ambient Protection, 0 Degree F, Add	*842.45*	
		For Winterstart Control, Add	*225.11*	
		For 15 SEER, Add	*719.18*	
		For 16 SEER, Add	*1,158.68*	
		For 18 SEER, Add	*1,758.00*	
23 81 49 00-0005	EA	2.5 Ton, 14 SEER, Outdoor Heat Pump Unit Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	5,079.39	500.11
		For Low Ambient Protection, 0 Degree F, Add	*924.08*	
		For Winterstart Control, Add	*248.62*	
		For 15 SEER, Add	*777.97*	
		For 16 SEER, Add	*1,253.39*	
		For 18 SEER, Add	*1,901.70*	
23 81 49 00-0006	EA	3 Ton, 14 SEER, Outdoor Heat Pump Unit Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	5,545.53	574.54
		For Low Ambient Protection, 0 Degree F, Add	*778.64*	
		For Winterstart Control, Add	*274.05*	
		For 15 SEER, Add	*841.49*	
		For 16 SEER, Add	*1,355.74*	
		For 18 SEER, Add	*2,056.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 49 00-0007	EA	3.5 Ton, 14 SEER, Outdoor Heat Pump Unit	5,721.17	596.75
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For Low Ambient Protection, 0 Degree F, Add	*804.06*	
		For Winterstart Control, Add	*283.09*	
		For 15 SEER, Add	*867.09*	
		For 16 SEER, Add	*1,396.99*	
		For 18 SEER, Add	*2,119.56*	
23 81 49 00-0008	EA	4 Ton, 14 SEER, Outdoor Heat Pump Unit	6,354.90	685.54
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For Low Ambient Protection, 0 Degree F, Add	*889.90*	
		For Winterstart Control, Add	*312.96*	
		For 15 SEER, Add	*967.60*	
		For 16 SEER, Add	*1,558.91*	
		For 18 SEER, Add	*2,365.25*	
23 81 49 00-0009	EA	5 Ton, 14 SEER, Outdoor Heat Pump Unit	7,235.07	754.09
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For Low Ambient Protection, 0 Degree F, Add	*577.21*	
		For Winterstart Control, Add	*169.31*	
		For 15 SEER, Add	*1,108.40*	
		For 16 SEER, Add	*1,785.76*	
		For 18 SEER, Add	*2,709.43*	
23 81 49 00-0010	EA	7.5 Ton, 11.5 EER, Outdoor Heat Pump Unit	7,931.22	843.27
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For Low Ambient Protection, 0 Degree F, Add	*637.50*	
		For Winterstart Control, Add	*187.73*	
23 81 49 00-0011	EA	10 Ton, 11.1 EER, Outdoor Heat Pump Unit	10,970.43	1,011.92
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For Low Ambient Protection, 0 Degree F, Add	*442.58*	
		For Winterstart Control, Add	*240.02*	
23 81 49 00-0012	EA	15 Ton, 10.9 EER, Outdoor Heat Pump Unit	14,428.93	1,180.58
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For Low Ambient Protection, 0 Degree F, Add	*501.23*	
		For Winterstart Control, Add	*295.72*	
23 81 49 00-0013	EA	20 Ton, 10.3 EER, Outdoor Heat Pump Unit	25,922.99	1,264.91
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For Low Ambient Protection, 0 Degree F, Add	*532.26*	
		For Winterstart Control, Add	*421.83*	

23 81 49 00-0014 Indoor Section, Horizontal - Upflow Including Throwaway Filters *(23 81 49 00-0001)*

23 81 49 00-0015	EA	2 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 5 KW Electric Heat	1,372.18	128.90
		For Additional 5 KW Electric Heat, Add	*124.26*	
23 81 49 00-0016	EA	2-1/2 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 5 KW Electric Heat	1,513.03	160.58
		For Additional 5 KW Electric Heat, Add	*135.24*	
23 81 49 00-0017	EA	3 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 5 KW Electric Heat	1,580.39	193.95
		For Additional 5 KW Electric Heat, Add	*138.61*	
23 81 49 00-0018	EA	3-1/2 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 5 KW Electric Heat	2,129.30	227.09
		For Additional 5 KW Electric Heat, Add	*190.20*	
23 81 49 00-0019	EA	4 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 10 KW Electric Heat	2,187.34	255.99
		For Additional 5 KW Electric Heat, Add	*193.10*	
23 81 49 00-0020	EA	5 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 10 KW Electric Heat	2,426.50	293.94
		For Additional 5 KW Electric Heat, Add	*213.27*	
23 81 49 00-0021	EA	7-1/2 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 10 KW Electric Heat	5,174.38	481.87
		For Additional 5 KW Electric Heat, Add	*469.25*	
23 81 49 00-0022	EA	10 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 15 kW Electric Heat	7,624.81	542.11
		For Additional 5 KW Electric Heat, Add	*708.28*	
23 81 49 00-0023	EA	15 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 15KW Electric Heat	10,693.13	602.34
		For Additional 5 KW Electric Heat, Add	*1,009.08*	
23 81 49 00-0024	EA	20 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 15 KW Electric Heat	12,154.37	722.80
		For Additional 5 KW Electric Heat, Add	*1,143.15*	

23 81 49 00-0025 Ductless Split System Heat Pumps *(23 81 49 00-0001)*

Note: Excludes refrigerant piping, electrical, and pad. Sanyo units or equal. See CSI section 23 81 26 13-0030 for accessories.

23 81 49 00-0026 Wall Mounted Ductless Split System Heat Pumps *(23 81 49 00-0025)*

23 81 49 00-0027	EA	9,000 BTU Cooling, 12,200 BTU Heating, 16 SEER, Wall Mounted Ductless Split System Heat Pumps	2,425.49	397.54
		Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
23 81 49 00-0028	EA	11,900 BTU Cooling, 13,300 BTU Heating, 17 SEER, Wall Mounted Ductless Split System Heat Pumps	2,680.12	433.68
		Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
23 81 49 00-0029	EA	17,500 BTU Cooling, 20,400 BTU Heating, 20 SEER, Wall Mounted Ductless Split System Heat Pumps	3,261.12	481.87
		Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
23 81 49 00-0030	EA	24,200 BTU Cooling, 29,000 BTU Heating, 17 SEER, Wall Mounted Ductless Split System Heat Pumps	3,749.66	530.06
		Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
23 81 49 00-0031	EA	25,200 BTU Cooling, 29,200 BTU Heating, 14.9 SEER, Wall Mounted Ductless Split System Heat Pumps	5,276.88	578.24
		Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
23 81 49 00-0032	EA	29,800 BTU Cooling, 34,800 BTU Heating, 15 SEER, Wall Mounted Ductless Split System Heat Pumps	6,097.49	602.34
		Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
23 81 49 00-0033	EA	31,400 BTU Cooling, 36,400 BTU Heating, 15.9 SEER, Wall Mounted Ductless Split System Heat Pumps	6,684.29	642.09
		Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 49 00-0034		Dual and Tri Zone Wall Mounted Ductless Split System Heat Pumps *(23 81 49 00-0025)*		
		Note: Use this section only when matching indoor and outdoor capacity units are not used.		
23 81 49 00-0035	EA	7,500 BTU Cooling, 8,500 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps	1,011.85	192.75
		Note: Includes indoor unit and wireless thermostat.		
23 81 49 00-0036	EA	9,000 BTU Cooling, 12,200 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps	1,068.90	204.80
		Note: Includes indoor unit and wireless thermostat.		
23 81 49 00-0037	EA	11,900 BTU Cooling, 14,300 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps	1,126.85	216.84
		Note: Includes indoor unit and wireless thermostat.		
23 81 49 00-0038	EA	17,500 BTU Cooling, 20,400 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps	1,279.06	228.89
		Note: Includes indoor unit and wireless thermostat.		
23 81 49 00-0039	EA	24,200 BTU Cooling, 29,000 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps	1,363.04	240.94
		Note: Includes indoor unit and wireless thermostat.		
23 81 49 00-0040	EA	19,700 BTU Cooling, 24,800 BTU Heating, 16.4 SEER, Outdoor Unit, Wall Mounted Ductless Split System Heat Pumps	2,975.53	289.12
		Note: Includes outdoor unit and refrigerant charge.		
23 81 49 00-0041	EA	23,200 BTU Cooling, 29,200 BTU Heating, 16.5 SEER, Outdoor Unit, Wall Mounted Ductless Split System Heat Pumps	3,520.54	313.21
		Note: Includes outdoor unit and refrigerant charge.		
23 81 49 00-0042	EA	30,600 BTU Cooling, 32,000 BTU Heating, 17.2 SEER, Outdoor Unit, Wall Mounted Ductless Split System Heat Pumps	5,669.80	337.31
		Note: Includes outdoor unit and refrigerant charge.		
23 81 49 00-0043		Suspended Ceiling Mounted Ductless Split System Heat Pumps *(23 81 49 00-0025)*		
		Note: Excludes hangers.		
23 81 49 00-0044	EA	24,400 BTU Cooling, 30,800 BTU Heating, 14.5 SEER, Ceiling Suspended Ductless Split System Heat Pumps	5,630.59	578.24
		Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
23 81 49 00-0045	EA	31,200 BTU Cooling, 37,400 BTU Heating, 15.1 SEER, Ceiling Suspended Ductless Split System Heat Pumps	6,835.33	690.28
		Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
23 81 49 00-0046	EA	39,000 BTU Cooling, 44,500 BTU Heating, 15.6 SEER, Ceiling Suspended Ductless Split System Heat Pumps	8,222.85	722.80
		Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
23 81 49 00-0047		Recessed Ceiling Mounted Ductless Split System Heat Pumps *(23 81 49 00-0025)*		
		Note: Excludes hangers.		
23 81 49 00-0048	EA	11,900 BTU Cooling, 13,600 BTU Heating, 16 SEER, Ceiling Recessed Ductless Split System Heat Pumps	3,753.98	481.87
		Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
23 81 49 00-0049	EA	17,500 BTU Cooling, 20,400 BTU Heating, 16 SEER, Ceiling Recessed Ductless Split System Heat Pumps	4,255.08	530.06
		Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
23 81 49 00-0050	EA	24,800 BTU Cooling, 29,800 BTU Heating, 14.1 SEER, Ceiling Recessed Ductless Split System Heat Pumps	5,616.39	626.43
		Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
23 81 49 00-0051	EA	32,600 BTU Cooling, 37,600 BTU Heating, 14.6 SEER, Ceiling Recessed Ductless Split System Heat Pumps	6,476.24	690.28
		Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
23 81 49 00-0052	EA	39,500 BTU Cooling, 48,000 BTU Heating, 14.6 SEER, Ceiling Recessed Ductless Split System Heat Pumps	8,043.31	722.80
		Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		

23 82 Convection Heating and Cooling Units *(23 80)*

23 82 16 Air Coils *(23 82)*

23 82 16 11 Hydronic Air Coils *(23 82 16)*

23 82 16 11-0001		Chilled Water Cooling Coils *(23 82 16 11)*		
		Note: Flanged construction, 16 gauge galvanized steel casing.		
23 82 16 11-0002		2 Row Chilled Water Cooling Coils *(23 82 16 11-0001)*		
23 82 16 11-0003	EA	12" x 12" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	2,115.32	59.80
23 82 16 11-0004	EA	12" x 24" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	3,525.05	81.33
23 82 16 11-0005	EA	24" x 30" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	4,730.76	127.98
23 82 16 11-0006	EA	24" x 48" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	5,691.21	182.99
23 82 16 11-0007	EA	30" x 48" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	6,016.40	224.86
23 82 16 11-0008	EA	30" x 60" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	6,717.43	272.69
23 82 16 11-0009	EA	30" x 72" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	7,178.61	315.75
23 82 16 11-0010	EA	30" x 84" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	7,745.68	557.82
23 82 16 11-0011	EA	34" x 32" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	4,859.81	212.06
23 82 16 11-0012	EA	34" x 48" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	6,199.08	361.08
23 82 16 11-0013	EA	34" x 60" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	6,927.42	448.51
23 82 16 11-0014	EA	34" x 72" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	7,563.49	541.68
23 82 16 11-0015	EA	34" x 84" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	8,241.95	630.78

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 11-0016	SF	>20 SF, Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	415.56	31.80
23 82 16 11-0017		**4 Row Chilled Water Cooling Coils** *(23 82 16 11-0001)*		
23 82 16 11-0018	EA	12" x 12" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	2,619.13	124.38
23 82 16 11-0019	EA	12" x 24" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	4,227.96	179.41
23 82 16 11-0020	EA	24" x 30" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	5,732.93	299.01
23 82 16 11-0021	EA	24" x 48" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	6,968.85	443.72
23 82 16 11-0022	EA	30" x 48" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	8,039.20	544.19
23 82 16 11-0023	EA	30" x 60" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	9,544.79	664.98
23 82 16 11-0024	EA	30" x 72" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	10,600.56	797.74
23 82 16 11-0025	EA	30" x 84" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	10,280.91	928.59
23 82 16 11-0026	EA	34" x 32" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	6,568.05	400.79
23 82 16 11-0027	EA	34" x 48" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	8,325.59	602.80
23 82 16 11-0028	EA	34" x 60" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	9,204.46	747.51
23 82 16 11-0029	EA	34" x 72" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	10,225.44	900.61
23 82 16 11-0030	EA	34" x 84" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	11,180.08	1,052.85
23 82 16 11-0031		**6 Row Chilled Water Cooling Coils** *(23 82 16 11-0001)*		
23 82 16 11-0032	EA	12" x 12" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	3,711.70	157.88
23 82 16 11-0033	EA	12" x 24" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	4,339.97	234.42
23 82 16 11-0034	EA	24" x 30" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	5,853.28	399.47
23 82 16 11-0035	EA	24" x 48" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	7,910.92	598.01
23 82 16 11-0036	EA	30" x 48" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	10,421.89	747.51
23 82 16 11-0037	EA	30" x 60" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	11,793.88	919.74
23 82 16 11-0038	EA	30" x 72" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	13,708.41	1,087.18
23 82 16 11-0039	EA	30" x 84" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	12,901.68	1,266.94
23 82 16 11-0040	EA	34" x 32" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	8,192.35	547.66
23 82 16 11-0041	EA	34" x 48" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	10,405.81	821.43
23 82 16 11-0042	EA	34" x 60" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	11,643.10	1,028.58
23 82 16 11-0043	EA	34" x 72" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	12,839.32	1,235.61
23 82 16 11-0044	EA	34" x 84" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	14,043.50	1,437.50
23 82 16 11-0045		**8 Row Chilled Water Cooling Coils** *(23 82 16 11-0001)*		
23 82 16 11-0046	EA	12" x 12" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	4,645.63	190.16
23 82 16 11-0047	EA	12" x 24" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	5,639.35	291.83
23 82 16 11-0048	EA	24" x 30" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	8,347.41	520.27
23 82 16 11-0049	EA	24" x 48" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	10,995.55	797.74
23 82 16 11-0050	EA	30" x 48" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	13,171.71	997.49
23 82 16 11-0051	EA	30" x 60" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	15,268.86	1,196.02
23 82 16 11-0052	EA	30" x 72" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	17,588.61	1,328.78
23 82 16 11-0053	EA	30" x 84" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	14,746.22	1,541.31
23 82 16 11-0054	EA	34" x 32" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	9,319.12	667.38
23 82 16 11-0055	EA	34" x 48" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	11,865.05	1,003.35

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 11-0056	EA	34" x 60" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	13,297.64	1,249.84
23 82 16 11-0057	EA	34" x 72" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	14,654.28	1,495.02
23 82 16 11-0058	EA	34" x 84" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	16,082.31	1,758.86

23 82 16 11-0059 Hot Water Heating Coils *(23 82 16 11)*

Note: Flanged construction.

23 82 16 11-0060 1 Row Hot Water Heating Coils *(23 82 16 11-0059)*

23 82 16 11-0061	EA	12" x 12" Hot Water Heating Coil, 1 Row Flanged Construction	1,632.88	161.46
		For 10 Fins Per Inch, Add	*26.19*	
		For 12 Fins Per Inch, Add	*65.48*	
		For 230 PSIG Heavy-Duty, Add	*358.90*	
23 82 16 11-0062	EA	12" x 24" Hot Water Heating Coil, 1 Row Flanged Construction	2,436.39	206.91
		For 10 Fins Per Inch, Add	*40.48*	
		For 12 Fins Per Inch, Add	*101.20*	
		For 230 PSIG Heavy-Duty, Add	*528.52*	
23 82 16 11-0063	EA	24" x 30" Hot Water Heating Coil, 1 Row Flanged Construction	2,950.67	284.66
		For 10 Fins Per Inch, Add	*47.62*	
		For 12 Fins Per Inch, Add	*119.06*	
		For 230 PSIG Heavy-Duty, Add	*647.09*	
23 82 16 11-0064	EA	24" x 48" Hot Water Heating Coil, 1 Row Flanged Construction	3,476.13	399.47
		For 10 Fins Per Inch, Add	*53.58*	
		For 12 Fins Per Inch, Add	*133.94*	
		For 230 PSIG Heavy-Duty, Add	*774.96*	
23 82 16 11-0065	EA	30" x 48" Hot Water Heating Coil, 1 Row Flanged Construction	3,933.24	478.41
		For 10 Fins Per Inch, Add	*59.53*	
		For 12 Fins Per Inch, Add	*148.82*	
		For 230 PSIG Heavy-Duty, Add	*882.33*	
23 82 16 11-0066	EA	30" x 60" Hot Water Heating Coil, 1 Row Flanged Construction	4,589.14	598.01
		For 10 Fins Per Inch, Add	*67.86*	
		For 12 Fins Per Inch, Add	*169.66*	
		For 230 PSIG Heavy-Duty, Add	*1,037.43*	
23 82 16 11-0067	EA	30" x 72" Hot Water Heating Coil, 1 Row Flanged Construction	5,138.73	663.80
		For 10 Fins Per Inch, Add	*76.20*	
		For 12 Fins Per Inch, Add	*190.49*	
		For 230 PSIG Heavy-Duty, Add	*1,160.64*	
23 82 16 11-0068	EA	30" x 84" Hot Water Heating Coil, 1 Row Flanged Construction	6,378.37	771.79
		For 10 Fins Per Inch, Add	*96.58*	
		For 12 Fins Per Inch, Add	*241.46*	
		For 230 PSIG Heavy-Duty, Add	*1,430.60*	
23 82 16 11-0069	EA	34" x 32" Hot Water Heating Coil, 1 Row Flanged Construction	2,753.89	334.41
		For 10 Fins Per Inch, Add	*41.70*	
		For 12 Fins Per Inch, Add	*104.25*	
		For 230 PSIG Heavy-Duty, Add	*617.67*	
23 82 16 11-0070	EA	34" x 48" Hot Water Heating Coil, 1 Row Flanged Construction	4,130.81	501.73
		For 10 Fins Per Inch, Add	*62.55*	
		For 12 Fins Per Inch, Add	*156.37*	
		For 230 PSIG Heavy-Duty, Add	*926.50*	
23 82 16 11-0071	EA	34" x 72" Hot Water Heating Coil, 1 Row Flanged Construction	6,208.97	758.87
		For 10 Fins Per Inch, Add	*93.82*	
		For 12 Fins Per Inch, Add	*234.56*	
		For 230 PSIG Heavy-Duty, Add	*1,393.57*	
23 82 16 11-0072	EA	34" x 84" Hot Water Heating Coil, 1 Row Flanged Construction	7,231.85	879.44
		For 10 Fins Per Inch, Add	*109.46*	
		For 12 Fins Per Inch, Add	*273.65*	
		For 230 PSIG Heavy-Duty, Add	*1,622.26*	
23 82 16 11-0073	SF	>15 SF Hot Water Heating Coil, 1 Row, Flanged Construction	328.17	44.25
		For 10 Fins Per Inch, Add	*4.79*	
		For 12 Fins Per Inch, Add	*11.98*	
		For 230 PSIG Heavy-Duty, Add	*74.49*	

23 82 16 11-0074 2 Row Hot Water Heating Coils *(23 82 16 11-0059)*

23 82 16 11-0075	EA	12" x 12" Hot Water Heating Coil, 2 Row Flanged Construction	2,660.76	199.73
		For 10 Fins Per Inch, Add	*45.24*	
		For 12 Fins Per Inch, Add	*113.10*	
		For 230 PSIG Heavy-Duty, Add	*572.02*	
23 82 16 11-0076	EA	12" x 24" Hot Water Heating Coil, 2 Row Flanged Construction	2,853.18	265.51
		For 10 Fins Per Inch, Add	*46.43*	
		For 12 Fins Per Inch, Add	*116.08*	
		For 230 PSIG Heavy-Duty, Add	*623.79*	
23 82 16 11-0077	EA	24" x 30" Hot Water Heating Coil, 2 Row Flanged Construction	3,833.30	399.47
		For 10 Fins Per Inch, Add	*60.72*	
		For 12 Fins Per Inch, Add	*151.80*	
		For 230 PSIG Heavy-Duty, Add	*846.40*	
23 82 16 11-0078	EA	24" x 48" Hot Water Heating Coil, 2 Row Flanged Construction	4,591.72	569.30
		For 10 Fins Per Inch, Add	*69.05*	
		For 12 Fins Per Inch, Add	*172.63*	
		For 230 PSIG Heavy-Duty, Add	*1,032.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 11-0079	EA	30" x 48" Hot Water Heating Coil, 2 Row Flanged Construction	5,276.44	703.26
		For 10 Fins Per Inch, Add	*77.39*	
		For 12 Fins Per Inch, Add	*193.47*	
		For 230 PSIG Heavy-Duty, Add	*1,196.00*	
23 82 16 11-0080	EA	30" x 60" Hot Water Heating Coil, 2 Row Flanged Construction	5,577.95	853.96
		For 10 Fins Per Inch, Add	*77.39*	
		For 12 Fins Per Inch, Add	*193.47*	
		For 230 PSIG Heavy-Duty, Add	*1,286.45*	
23 82 16 11-0081	EA	30" x 72" Hot Water Heating Coil, 2 Row Flanged Construction	6,279.42	997.49
		For 10 Fins Per Inch, Add	*85.72*	
		For 12 Fins Per Inch, Add	*214.30*	
		For 230 PSIG Heavy-Duty, Add	*1,455.22*	
23 82 16 11-0082	EA	30" x 84" Hot Water Heating Coil, 2 Row Flanged Construction	7,750.65	1,158.95
		For 10 Fins Per Inch, Add	*108.66*	
		For 12 Fins Per Inch, Add	*271.64*	
		For 230 PSIG Heavy-Duty, Add	*1,781.92*	
23 82 16 11-0083	EA	34" x 32" Hot Water Heating Coil, 2 Row Flanged Construction	3,345.57	500.06
		For 10 Fins Per Inch, Add	*46.91*	
		For 12 Fins Per Inch, Add	*117.28*	
		For 230 PSIG Heavy-Duty, Add	*769.12*	
23 82 16 11-0084	EA	34" x 48" Hot Water Heating Coil, 2 Row Flanged Construction	5,020.88	751.22
		For 10 Fins Per Inch, Add	*70.37*	
		For 12 Fins Per Inch, Add	*175.92*	
		For 230 PSIG Heavy-Duty, Add	*1,154.43*	
23 82 16 11-0085	EA	34" x 72" Hot Water Heating Coil, 2 Row Flanged Construction	7,542.71	1,132.63
		For 10 Fins Per Inch, Add	*105.55*	
		For 12 Fins Per Inch, Add	*263.88*	
		For 230 PSIG Heavy-Duty, Add	*1,735.06*	
23 82 16 11-0086	EA	34" x 84" Hot Water Heating Coil, 2 Row Flanged Construction	8,803.23	1,323.04
		For 10 Fins Per Inch, Add	*123.14*	
		For 12 Fins Per Inch, Add	*307.86*	
		For 230 PSIG Heavy-Duty, Add	*2,025.25*	

23 82 16 11-0087 Hot Water Preheat Coils For Multi-Zone Air Handling Units *(23 82 16 11)*

Note: 2 Row coils. Coils are sized by air handling unit capacity.

23 82 16 11-0088	EA	3,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	2,166.03	151.90
23 82 16 11-0089	EA	4,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	2,785.12	150.70
23 82 16 11-0090	EA	5,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	3,424.68	161.46
23 82 16 11-0091	EA	6,500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	3,983.00	175.81
23 82 16 11-0092	EA	7,500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	3,999.24	184.19
23 82 16 11-0093	EA	9,200 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	4,850.45	193.76
23 82 16 11-0094	EA	11,500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	5,018.61	217.68
23 82 16 11-0095	EA	13,200 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	5,548.08	243.99
23 82 16 11-0096	EA	16,500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	6,238.62	291.83
23 82 16 11-0097	EA	19,500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	6,804.29	306.18
23 82 16 11-0098	EA	22,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	8,742.35	324.12
23 82 16 11-0099	EA	27,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	11,124.82	443.72
23 82 16 11-0100	EA	34,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	13,981.15	544.19
23 82 16 11-0101	EA	40,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	16,308.31	569.30
23 82 16 11-0102	EA	47,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	19,157.67	663.80

23 82 16 12 Steam Air Coils *(23 82 16)*

23 82 16 12-0001 Steam Heating Coils *(23 82 16 12)*

Note: Flanged construction.

23 82 16 12-0002	EA	12" x 12" Steam Heating Coils, 1 Row Flanged Construction	2,583.89	112.43
		For 2 Row Coil, Add	*819.88*	
		For 4 Row Coil, Add	*2,163.24*	
23 82 16 12-0003	EA	12" x 24" Steam Heating Coils, 1 Row Flanged Construction	2,839.58	155.48
		For 2 Row Coil, Add	*914.01*	
		For 4 Row Coil, Add	*2,405.25*	
23 82 16 12-0004	EA	24" x 30" Steam Heating Coils, 1 Row Flanged Construction	3,675.30	278.67
		For 2 Row Coil, Add	*1,213.85*	
		For 4 Row Coil, Add	*3,179.44*	
23 82 16 12-0005	EA	24" x 48" Steam Heating Coils, 1 Row Flanged Construction	4,590.74	399.47
		For 2 Row Coil, Add	*1,536.69*	
		For 4 Row Coil, Add	*4,015.45*	
23 82 16 12-0006	EA	30" x 48" Steam Heating Coils, 1 Row Flanged Construction	5,087.40	478.41
		For 2 Row Coil, Add	*1,717.58*	
		For 4 Row Coil, Add	*4,481.35*	
23 82 16 12-0007	EA	30" x 60" Steam Heating Coils, 1 Row Flanged Construction	5,663.79	598.01
		For 2 Row Coil, Add	*1,938.34*	
		For 4 Row Coil, Add	*5,045.32*	
23 82 16 12-0008	EA	30" x 72" Steam Heating Coils, 1 Row Flanged Construction	6,218.17	663.80
		For 2 Row Coil, Add	*2,131.23*	
		For 4 Row Coil, Add	*5,545.97*	
23 82 16 12-0009	EA	30" x 84" Steam Heating Coils, 1 Row Flanged Construction	7,746.57	774.66
		For 2 Row Coil, Add	*2,633.82*	
		For 4 Row Coil, Add	*6,863.43*	
23 82 16 12-0010	EA	34" x 32" Steam Heating Coils, 1 Row Flanged Construction	3,344.60	334.41
		For 2 Row Coil, Add	*1,137.16*	
		For 4 Row Coil, Add	*2,963.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 12-0011	EA	34" x 48" Steam Heating Coils, 1 Row Flanged Construction	5,016.92	501.73
		For 2 Row Coil, Add	*1,705.75*	
		For 4 Row Coil, Add	*4,444.99*	
23 82 16 12-0012	EA	34" x 72" Steam Heating Coils, 1 Row Flanged Construction	7,522.80	751.22
		For 2 Row Coil, Add	*2,557.35*	
		For 4 Row Coil, Add	*6,664.33*	
23 82 16 12-0013	EA	34" x 84" Steam Heating Coils, 1 Row Flanged Construction	8,782.52	879.44
		For 2 Row Coil, Add	*2,986.53*	
		For 4 Row Coil, Add	*7,782.32*	

23 82 16 13 Refrigerant Air Coils *(23 82 16)*

23 82 16 13-0001 Direct Expansion Cooling Coils *(23 82 16 13)*

Note: Flanged construction 16 gauge galvanized steel casing.

23 82 16 13-0002 2 Row Direct Expansion Cooling Coils *(23 82 16 13-0001)*

23 82 16 13-0003	EA	12" x 12" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	2,029.03	89.70
		For 10 Fins Per Inch, Add	*36.98*	
		For 12 Fins Per Inch, Add	*92.46*	
23 82 16 13-0004	EA	12" x 24" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	3,944.96	123.19
		For 10 Fins Per Inch, Add	*73.97*	
		For 12 Fins Per Inch, Add	*184.92*	
23 82 16 13-0005	EA	24" x 30" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	5,420.72	193.76
		For 10 Fins Per Inch, Add	*100.70*	
		For 12 Fins Per Inch, Add	*251.75*	
23 82 16 13-0006	EA	24" x 48" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	6,506.62	278.67
		For 10 Fins Per Inch, Add	*119.01*	
		For 12 Fins Per Inch, Add	*297.52*	
23 82 16 13-0007	EA	30" x 48" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	7,549.21	340.87
		For 10 Fins Per Inch, Add	*137.32*	
		For 12 Fins Per Inch, Add	*343.29*	
23 82 16 13-0008	EA	30" x 60" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	8,422.96	412.62
		For 10 Fins Per Inch, Add	*151.96*	
		For 12 Fins Per Inch, Add	*379.91*	
23 82 16 13-0009	EA	30" x 72" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	9,653.46	478.41
		For 10 Fins Per Inch, Add	*173.93*	
		For 12 Fins Per Inch, Add	*434.83*	
23 82 16 13-0010	EA	30" x 84" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	12,139.09	557.82
		For 10 Fins Per Inch, Add	*220.47*	
		For 12 Fins Per Inch, Add	*551.17*	
23 82 16 13-0011	EA	34" x 32" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	4,662.16	212.06
		For 10 Fins Per Inch, Add	*84.76*	
		For 12 Fins Per Inch, Add	*211.90*	
23 82 16 13-0012	EA	34" x 48" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	5,954.99	361.08
		For 10 Fins Per Inch, Add	*104.66*	
		For 12 Fins Per Inch, Add	*261.64*	
23 82 16 13-0013	EA	34" x 72" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	7,274.73	541.68
		For 10 Fins Per Inch, Add	*123.83*	
		For 12 Fins Per Inch, Add	*309.57*	
23 82 16 13-0014	EA	34" x 84" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	7,930.70	630.78
		For 10 Fins Per Inch, Add	*133.38*	
		For 12 Fins Per Inch, Add	*333.45*	

23 82 16 13-0015 4 Row Direct Expansion Cooling Coils *(23 82 16 13-0001)*

23 82 16 13-0016	EA	12" x 12" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	3,389.11	124.38
		For 10 Fins Per Inch, Add	*62.80*	
		For 12 Fins Per Inch, Add	*157.00*	
23 82 16 13-0017	EA	12" x 24" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	4,842.65	179.41
		For 10 Fins Per Inch, Add	*89.71*	
		For 12 Fins Per Inch, Add	*224.28*	
23 82 16 13-0018	EA	24" x 30" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	6,548.34	299.01
		For 10 Fins Per Inch, Add	*119.01*	
		For 12 Fins Per Inch, Add	*297.52*	
23 82 16 13-0019	EA	24" x 48" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	7,934.80	443.72
		For 10 Fins Per Inch, Add	*140.98*	
		For 12 Fins Per Inch, Add	*352.44*	
23 82 16 13-0020	EA	30" x 48" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	9,143.13	544.19
		For 10 Fins Per Inch, Add	*161.12*	
		For 12 Fins Per Inch, Add	*402.79*	
23 82 16 13-0021	EA	30" x 60" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	10,849.44	664.98
		For 10 Fins Per Inch, Add	*190.41*	
		For 12 Fins Per Inch, Add	*476.03*	
23 82 16 13-0022	EA	30" x 72" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	12,030.66	797.74
		For 10 Fins Per Inch, Add	*208.72*	
		For 12 Fins Per Inch, Add	*521.80*	
23 82 16 13-0023	EA	30" x 84" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	11,618.57	928.59
		For 10 Fins Per Inch, Add	*195.23*	
		For 12 Fins Per Inch, Add	*488.07*	
23 82 16 13-0024	EA	34" x 32" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	7,483.74	400.79
		For 10 Fins Per Inch, Add	*133.64*	
		For 12 Fins Per Inch, Add	*334.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 13-0025	EA	34" x 48" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	9,456.21	602.80
		For 10 Fins Per Inch, Add	*165.01*	
		For 12 Fins Per Inch, Add	*412.53*	
23 82 16 13-0026	EA	34" x 72" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	14,143.28	1,060.28
		For 10 Fins Per Inch, Add	*240.45*	
		For 12 Fins Per Inch, Add	*601.13*	
23 82 16 13-0027	EA	34" x 84" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	16,173.96	1,235.61
		For 10 Fins Per Inch, Add	*274.06*	
		For 12 Fins Per Inch, Add	*685.14*	
23 82 16 13-0028		6 Row Direct Expansion Cooling Coils *(23 82 16 13-0001)*		
23 82 16 13-0029	EA	12" x 12" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	4,342.67	156.68
		For 10 Fins Per Inch, Add	*80.56*	
		For 12 Fins Per Inch, Add	*201.40*	
23 82 16 13-0030	EA	12" x 24" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	4,954.66	234.42
		For 10 Fins Per Inch, Add	*89.71*	
		For 12 Fins Per Inch, Add	*224.28*	
23 82 16 13-0031	EA	24" x 30" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	7,113.86	399.47
		For 10 Fins Per Inch, Add	*126.33*	
		For 12 Fins Per Inch, Add	*315.83*	
23 82 16 13-0032	EA	24" x 48" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	8,977.22	598.01
		For 10 Fins Per Inch, Add	*155.62*	
		For 12 Fins Per Inch, Add	*389.06*	
23 82 16 13-0033	EA	30" x 48" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	11,839.44	747.51
		For 10 Fins Per Inch, Add	*206.89*	
		For 12 Fins Per Inch, Add	*517.22*	
23 82 16 13-0034	EA	30" x 60" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	13,374.52	919.74
		For 10 Fins Per Inch, Add	*230.69*	
		For 12 Fins Per Inch, Add	*576.72*	
23 82 16 13-0035	EA	30" x 72" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	15,539.94	1,087.18
		For 10 Fins Per Inch, Add	*267.31*	
		For 12 Fins Per Inch, Add	*668.27*	
23 82 16 13-0036	EA	30" x 84" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	14,548.04	1,266.94
		For 10 Fins Per Inch, Add	*240.28*	
		For 12 Fins Per Inch, Add	*600.71*	
23 82 16 13-0037	EA	34" x 32" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	9,319.34	547.66
		For 10 Fins Per Inch, Add	*164.48*	
		For 12 Fins Per Inch, Add	*411.20*	
23 82 16 13-0038	EA	34" x 48" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	11,797.33	821.43
		For 10 Fins Per Inch, Add	*203.09*	
		For 12 Fins Per Inch, Add	*507.72*	
23 82 16 13-0039	EA	34" x 72" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	14,465.51	1,225.44
		For 10 Fins Per Inch, Add	*240.29*	
		For 12 Fins Per Inch, Add	*600.73*	
23 82 16 13-0040	EA	34" x 84" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	15,817.01	1,437.50
		For 10 Fins Per Inch, Add	*258.84*	
		For 12 Fins Per Inch, Add	*647.10*	
23 82 16 13-0041		8 Row Direct Expansion Cooling Coils *(23 82 16 13-0001)*		
23 82 16 13-0042	EA	12" x 12" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	5,414.59	188.98
		For 10 Fins Per Inch, Add	*100.70*	
		For 12 Fins Per Inch, Add	*251.75*	
23 82 16 13-0043	EA	12" x 24" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	6,442.21	291.83
		For 10 Fins Per Inch, Add	*117.18*	
		For 12 Fins Per Inch, Add	*292.94*	
23 82 16 13-0044	EA	24" x 30" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	9,507.80	520.27
		For 10 Fins Per Inch, Add	*169.36*	
		For 12 Fins Per Inch, Add	*423.39*	
23 82 16 13-0045	EA	24" x 48" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	12,488.38	797.74
		For 10 Fins Per Inch, Add	*217.87*	
		For 12 Fins Per Inch, Add	*544.68*	
23 82 16 13-0046	EA	30" x 48" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	14,946.79	997.49
		For 10 Fins Per Inch, Add	*259.07*	
		For 12 Fins Per Inch, Add	*647.67*	
23 82 16 13-0047	EA	30" x 60" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	17,313.65	1,196.02
		For 10 Fins Per Inch, Add	*298.43*	
		For 12 Fins Per Inch, Add	*746.08*	
23 82 16 13-0048	EA	30" x 72" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	19,959.57	1,328.78
		For 10 Fins Per Inch, Add	*346.03*	
		For 12 Fins Per Inch, Add	*865.09*	
23 82 16 13-0049	EA	30" x 84" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	16,598.37	1,541.31
		For 10 Fins Per Inch, Add	*270.32*	
		For 12 Fins Per Inch, Add	*675.79*	
23 82 16 13-0050	EA	34" x 32" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	10,586.99	667.38
		For 10 Fins Per Inch, Add	*185.04*	
		For 12 Fins Per Inch, Add	*462.61*	
23 82 16 13-0051	EA	34" x 48" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	13,430.51	1,003.35
		For 10 Fins Per Inch, Add	*228.48*	
		For 12 Fins Per Inch, Add	*571.19*	
23 82 16 13-0052	EA	34" x 72" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	16,536.73	1,510.10
		For 10 Fins Per Inch, Add	*270.33*	
		For 12 Fins Per Inch, Add	*675.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 13-0053	EA	34" x 84" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	18,077.53	1,758.86
		For 10 Fins Per Inch, Add	*291.20*	
		For 12 Fins Per Inch, Add	*727.99*	

23 82 16 14 Electric-Resistance Air Coils *(23 82 16)*

23 82 16 14-0001 Standard Electric Slip-In Blast Coil Heater *(23 82 16 14)*

23 82 16 14-0002 Electric Slip-In Blast Coil Heater With Open Coil Element *(23 82 16 14-0001)*

23 82 16 14-0003	EA	1/2 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	638.30	92.76
23 82 16 14-0004	EA	1 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	653.74	99.99
23 82 16 14-0005	EA	2 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	671.99	109.62
23 82 16 14-0006	EA	3 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	678.13	113.24
23 82 16 14-0007	EA	4 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	693.90	120.46
23 82 16 14-0008	EA	5 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	712.03	130.11
23 82 16 14-0009	EA	6 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	821.83	145.76
23 82 16 14-0010	EA	7 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	836.52	152.99
23 82 16 14-0011	EA	8 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	848.56	157.81
23 82 16 14-0012	EA	9 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	866.17	167.45
23 82 16 14-0013	EA	10 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	950.56	177.09
23 82 16 14-0014	EA	12-1/2 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	984.85	193.95
23 82 16 14-0015	EA	15 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	1,018.94	210.82
23 82 16 14-0016	EA	20 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	1,055.46	227.68
23 82 16 14-0017	EA	30 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	1,480.24	318.03
23 82 16 14-0018	EA	40 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	2,726.60	338.51
23 82 16 14-0019	EA	50 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	2,991.11	387.91
23 82 16 14-0020	EA	60 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	3,544.58	430.07
23 82 16 14-0021	EA	70 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	3,712.97	467.41
23 82 16 14-0022	EA	80 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	4,068.12	513.19
23 82 16 14-0023	EA	90 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	5,027.64	548.13
23 82 16 14-0024	EA	100 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	5,528.28	589.08
23 82 16 14-0025	EA	125 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	6,741.32	636.06
23 82 16 14-0026	EA	150 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	7,601.63	691.48

23 82 16 14-0027 Electric Slip-In Blast Coil Heater With Finned Tubular Element *(23 82 16 14-0001)*

23 82 16 14-0028	EA	1 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	1,030.61	132.51
23 82 16 14-0029	EA	2 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	1,061.12	144.56
23 82 16 14-0030	EA	3 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	1,073.57	144.56
23 82 16 14-0031	EA	4 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	1,160.17	159.02
23 82 16 14-0032	EA	5 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	1,212.45	159.02
23 82 16 14-0033	EA	6 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	1,240.28	159.02
23 82 16 14-0034	EA	8 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	1,301.42	177.09
23 82 16 14-0035	EA	9 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	1,356.20	198.77
23 82 16 14-0036	EA	10 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	1,384.03	198.77
23 82 16 14-0037	EA	15 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	1,557.96	227.68
23 82 16 14-0038	EA	20 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	2,002.66	227.68
23 82 16 14-0039	EA	25 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	2,126.45	246.96
23 82 16 14-0040	EA	30 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	2,505.49	265.03
23 82 16 14-0041	EA	40 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	2,984.03	265.03
23 82 16 14-0042	EA	45 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	3,258.16	277.08
23 82 16 14-0043	EA	50 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	3,424.08	277.08

23 82 19 Fan Coil Units *(23 82)*

23 82 19 00-0001 Ceiling Suspended Horizontal Fan Coil Units *(23 82 19)*

Note: Includes cabinet, chilled water coil, baked enamel finish, multispeed fan and fan switch with integral and/or remote thermostat to control valves and on/off and fan speeds. Excludes supports.

23 82 19 00-0002 Horizontal Fan Coil Units With Electric Heating Coil *(23 82 19 00-0001)*

23 82 19 00-0003	EA	200 CFM, 6 MBH Cooling, Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	2,940.47	193.76
		For 2-Way Valve Instead Of 3-Way, Deduct	*-54.29*	
23 82 19 00-0004	EA	300 CFM, 9 MBH Cooling, Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	3,339.20	226.05
		For 2-Way Valve Instead Of 3-Way, Deduct	*-57.57*	
23 82 19 00-0005	EA	400 CFM, 12 MBH Cooling, Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	3,974.41	254.76
		For 2-Way Valve Instead Of 3-Way, Deduct	*-60.45*	
23 82 19 00-0006	EA	600 CFM, 18 MBH Cooling, Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	4,568.69	291.83
		For 2-Way Valve Instead Of 3-Way, Deduct	*-64.17*	
23 82 19 00-0007	EA	800 CFM, 24 MBH Cooling, Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	5,176.16	306.18
		For 2-Way Valve Instead Of 3-Way, Deduct	*-111.00*	
23 82 19 00-0008	EA	1,000 CFM, 30 MBH Cooling, Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	6,711.02	324.12
		For 2-Way Valve Instead Of 3-Way, Deduct	*-113.49*	
23 82 19 00-0009	EA	1,200 CFM, 36 MBH Cooling, Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	7,923.20	351.63
		For 2-Way Valve Instead Of 3-Way, Deduct	*-117.77*	

23 82 19 00-0010 Horizontal Fan Coil Units With Hot Water Heating Coil *(23 82 19 00-0001)*

23 82 19 00-0011	EA	200 CFM, 6 MBH Cooling, Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	4,361.13	193.76
		For 2-Way Valve Instead Of 3-Way, Deduct	*-54.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 19 00-0012	EA	300 CFM, 9 MBH Cooling, Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	4,903.68	226.05
		For 2-Way Valve Instead Of 3-Way, Deduct	*-57.57*	
23 82 19 00-0013	EA	400 CFM, 12 MBH Cooling, Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	6,074.38	254.76
		For 2-Way Valve Instead Of 3-Way, Deduct	*-60.45*	
23 82 19 00-0014	EA	600 CFM, 18 MBH Cooling, Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	6,560.08	291.83
		For 2-Way Valve Instead Of 3-Way, Deduct	*-64.17*	
23 82 19 00-0015	EA	800 CFM, 24 MBH Cooling, Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	7,001.23	307.38
		For 2-Way Valve Instead Of 3-Way, Deduct	*-111.00*	
23 82 19 00-0016	EA	1,000 CFM, 30 MBH Cooling, Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	9,391.82	324.12
		For 2-Way Valve Instead Of 3-Way, Deduct	*-113.49*	
23 82 19 00-0017	EA	1,200 CFM, 36 MBH Cooling, Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	11,039.41	351.63
		For 2-Way Valve Instead Of 3-Way, Deduct	*-117.77*	
23 82 19 00-0018	EA	1,400 CFM, 42 MBH Cooling, Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	11,779.71	364.79
		For 2-Way Valve Instead Of 3-Way, Deduct	*-119.72*	
23 82 19 00-0019	EA	1,600 CFM, 48 MBH Cooling, Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	13,172.89	379.73
		For 2-Way Valve Instead Of 3-Way, Deduct	*-121.96*	
23 82 19 00-0020	EA	1,800 CFM, 54 MBH Cooling, Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	14,181.46	394.69
		For 2-Way Valve Instead Of 3-Way, Deduct	*-124.20*	

23 82 19 00-0021 Floor Mounted Vertical Fan Coil Units *(23 82 19)*

Note: Includes cabinet, chilled water coil, baked enamel finish, multispeed fan and fan switch with integral and/or remote thermostat to control valves and on/off and fan speeds.

23 82 19 00-0022 Vertical Fan Coil Units With Hot Water Heating Coil *(23 82 19 00-0021)*

23 82 19 00-0023	EA	200 CFM, 6 MBH Cooling, Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	4,188.14	192.56
		For Fan Coil Units Without Cabinet, Deduct	*-589.64*	
		For Thru-Wall Sleeve, Add	*132.16*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-54.29*	
23 82 19 00-0024	EA	300 CFM, 9 MBH Cooling, Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	4,709.92	226.05
		For Fan Coil Units Without Cabinet, Deduct	*-661.36*	
		For Thru-Wall Sleeve, Add	*145.27*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-57.57*	
23 82 19 00-0025	EA	400 CFM, 12 MBH Cooling, Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	5,832.19	254.76
		For Fan Coil Units Without Cabinet, Deduct	*-823.93*	
		For Thru-Wall Sleeve, Add	*156.79*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-60.45*	
23 82 19 00-0026	EA	600 CFM, 18 MBH Cooling, Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	6,667.13	291.83
		For Fan Coil Units Without Cabinet, Deduct	*-941.73*	
		For Thru-Wall Sleeve, Add	*171.68*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-64.17*	
23 82 19 00-0027	EA	800 CFM, 24 MBH Cooling, Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	7,457.51	307.38
		For Fan Coil Units Without Cabinet, Deduct	*-1,057.29*	
		For Thru-Wall Sleeve, Add	*177.67*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-111.00*	
23 82 19 00-0028	EA	1,000 CFM, 30 MBH Cooling, Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	9,011.59	324.12
		For Fan Coil Units Without Cabinet, Deduct	*-1,287.09*	
		For Thru-Wall Sleeve, Add	*184.30*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-113.49*	
23 82 19 00-0029	EA	1,200 CFM, 36 MBH Cooling, Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	10,589.56	351.63
		For Fan Coil Units Without Cabinet, Deduct	*-1,518.08*	
		For Thru-Wall Sleeve, Add	*195.71*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-117.77*	
23 82 19 00-0030	EA	1,400 CFM, 42 MBH Cooling, Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	11,622.45	364.79
		For Fan Coil Units Without Cabinet, Deduct	*-1,670.41*	
		For Thru-Wall Sleeve, Add	*200.92*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-119.72*	
23 82 19 00-0031	EA	1,600 CFM, 48 MBH Cooling, Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	12,858.37	379.73
		For Fan Coil Units Without Cabinet, Deduct	*-1,852.81*	
		For Thru-Wall Sleeve, Add	*206.90*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-121.96*	
23 82 19 00-0032	EA	1,800 CFM, 54 MBH Cooling, Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	13,722.93	379.73
		For Fan Coil Units Without Cabinet, Deduct	*-1,979.50*	
		For Thru-Wall Sleeve, Add	*212.88*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-124.20*	

23 82 19 00-0033 Removal And Reinstallation Of Fan Coil Units *(23 82 19)*

Note: Includes storage and cleaning. Excludes supports.

23 82 19 00-0034	EA	Removal And Reinstallation Of Fan Coil Unit Horizontal Or Vertical	508.52

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 19 00-0035		**Fan Coil Units (Carrier)** *(23 82 19)* Note: Provide Pre-Manufactured Or Field Fabricated Filter Rack With 2" Merv 13, Pleated Throwaway Filters. Disconnect Switch Provided By Division 26 Contractor. Suspend Unit From Structure In Horizontal Position With All -Thread Rod And Spring Vibration Isolation (2" Minimum Deflection). Provide Necessary Mounting Bracket And Accessories For Specified Mounting. Provide Auxiliary Drain Pan With Auxiliary Drain Provided By Plumbing Contractor. Provide Unit With Space Temperature Control Devices Consistent With The Following Control Methods: Thermostat Or Room Controller For Local Override Of Centralized Controller With Integral Temperature Sensor. Temperature Sensor Without Local Override. Thermostat Or Room Controller For Local Override Of Centralized Controller With Remote Temperature Sensor. Fan Coil Unit With Integral Temperature Sensor In Return Airstream Without Local Override (Factory Default Setting).		
23 82 19 00-0036	EA	450 To 500 CFM, 12.1 To 14.2 MBH Cooling, Deck Mount, Fan Coil Unit (Carrier MMD-AP0184BH2UL-1)	2,133.61	254.76
23 82 19 00-0037	EA	1,200 CFM, 33.3 To 39.5 MBH Cooling, Floor Mount, Fan Coil Unit (Carrier MMD-AP0360VHG2UL)	3,698.22	351.63
		For Filter Box With 2" MERV 8 Filter (Carrier TCB-FB2F361VDGUL), Add	*301.26*	
23 82 19 00-0038	EA	150 To 230 CFM, 3.9 To 7.5 MBH Cooling, Wall Mount, Fan Coil Unit (Carrier MMK-AP0073H2UL)	1,153.32	193.76
		For Filter Boxes For Toshiba (Carrier) High Static, Medium Static, OSA Units, and Slim Duct (Carrier FS-SPBH202), Add	*496.72*	
23 82 19 00-0039	EA	470 CFM, 15.8 MBH Cooling, Wall Mount, Fan Coil Unit (Carrier MMK-AP0183H2UL)	1,335.39	226.05
		For Filter Boxes For Toshiba (Carrier) High Static, Medium Static, OSA Units, and Slim Duct (Carrier FS-SPBH202), Add	*496.72*	
23 82 19 00-0040	EA	Single Port Flow Selector (Carrier RBM-Y0963FUL)	1,296.28	281.42
23 82 19 00-0041	EA	Multiport Flow Selector 4-Branch Unit (Carrier RBM-Y0611F4PUL)	3,942.31	368.02
23 82 19 00-0042	EA	Y-Branch For Heat Recovery, 61-135k BTU (Carrier RBM-BY105FUL)	205.66	41.86
23 82 19 00-0043	EA	Y-Branch For Heat Recovery, 136-238k BTU (Carrier RBM-BY205FUL)	281.57	44.85
23 82 19 00-0044	EA	12 MBH, Ductless Variable Flow (VRF), Wall Mounted, Indoor Heat Pump (Carrier MMK-AP0123H2UL)	1,108.00	193.76
23 82 19 00-0045	EA	Single Port Flow Selector (Carrier RBM-Y0383FUL)	3,229.86	281.42
23 82 19 00-0046	EA	Outdoor Heat Recovery Connection (Carrier RBM-BT14FUL)	443.99	41.86
23 82 33		**Convectors** *(23 82)*		
23 82 33 00-0001		**Multi-Fin Convectors For Two-Pipe System** *(23 82 33)* Note: Complete with 6-1/4" deep cabinet enclosure.		
23 82 33 00-0002		**20" High Multi-Fin Convectors For Two-Pipe System** *(23 82 33 00-0001)*		
23 82 33 00-0003	EA	20" High x 2' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	605.65	131.56
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*65.80*	
		For Snap-On Inlet Grille, Add	*49.87*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*142.21*	
23 82 33 00-0004	EA	20" High x 3' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	714.05	143.53
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*71.24*	
		For Snap-On Inlet Grille, Add	*53.49*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*173.81*	
23 82 33 00-0005	EA	20" High x 4' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	821.42	169.83
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*83.13*	
		For Snap-On Inlet Grille, Add	*61.42*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*197.51*	
23 82 33 00-0006	EA	20" High x 6' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	983.81	197.34
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*95.69*	
		For Snap-On Inlet Grille, Add	*69.80*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*239.69*	
23 82 33 00-0007	EA	20" High x 8' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,173.13	236.81
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*113.62*	
		For Snap-On Inlet Grille, Add	*81.75*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*285.04*	
23 82 33 00-0008	EA	20" High x 10' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,320.01	260.50
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*124.37*	
		For Snap-On Inlet Grille, Add	*88.91*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*323.90*	
23 82 33 00-0009	EA	20" High x 12' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,533.25	315.75
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*149.48*	
		For Snap-On Inlet Grille, Add	*105.65*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*369.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 33 00-0010	EA	20" High x 14' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,674.22	335.48
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*158.45*	
		For Snap-On Inlet Grille, Add	*111.63*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*408.12*	
23 82 33 00-0011	EA	20" High x 16' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,826.51	374.95
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*176.37*	
		For Snap-On Inlet Grille, Add	*123.58*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*440.51*	
23 82 33 00-0012	EA	20" High x 18' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	2,015.92	414.43
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*194.33*	
		For Snap-On Inlet Grille, Add	*135.55*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*485.86*	
23 82 33 00-0013	EA	20" High x 20' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	2,168.24	453.89
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*212.26*	
		For Snap-On Inlet Grille, Add	*147.51*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*518.25*	

23 82 33 00-0014 26" High Multi-Fin Convectors For Two-Pipe System *(23 82 33 00-0001)*

23 82 33 00-0015	EA	26" High x 2' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	711.01	173.06
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*83.87*	
		For Snap-On Inlet Grille, Add	*61.91*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*158.01*	
23 82 33 00-0016	EA	26" High x 3' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	834.95	201.05
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*96.42*	
		For Snap-On Inlet Grille, Add	*70.28*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*186.74*	
23 82 33 00-0017	EA	26" High x 4' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,010.52	236.10
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*112.16*	
		For Snap-On Inlet Grille, Add	*80.77*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*229.83*	
23 82 33 00-0018	EA	26" High x 6' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,185.14	263.25
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*124.34*	
		For Snap-On Inlet Grille, Add	*88.89*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*276.73*	
23 82 33 00-0019	EA	26" High x 8' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,383.89	296.02
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*139.09*	
		For Snap-On Inlet Grille, Add	*98.73*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*329.09*	
23 82 33 00-0020	EA	26" High x 10' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,549.19	320.65
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*150.21*	
		For Snap-On Inlet Grille, Add	*106.14*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*373.97*	
23 82 33 00-0021	EA	26" High x 12' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,766.70	365.38
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*170.59*	
		For Snap-On Inlet Grille, Add	*119.73*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*426.32*	
23 82 33 00-0022	EA	26" High x 14' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,928.00	387.75
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*180.52*	
		For Snap-On Inlet Grille, Add	*126.34*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*471.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 33 00-0023	EA	26" High x 16' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	2,086.61	422.79
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*196.04*	
		For Snap-On Inlet Grille, Add	*136.70*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*508.60*	
23 82 33 00-0024	EA	26" High x 18' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	2,288.50	457.12
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*211.74*	
		For Snap-On Inlet Grille, Add	*147.16*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*560.95*	
23 82 33 00-0025	EA	26" High x 20' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	2,442.42	488.58
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*225.86*	
		For Snap-On Inlet Grille, Add	*156.57*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*598.35*	
23 82 33 00-0026		**32" High Multi-Fin Convectors For Two-Pipe System** *(23 82 33 00-0001)*		
23 82 33 00-0027	EA	32" High x 2' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	815.37	210.50
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*101.63*	
		For Snap-On Inlet Grille, Add	*73.75*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*173.81*	
23 82 33 00-0028	EA	32" High x 3' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	972.71	254.76
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*121.75*	
		For Snap-On Inlet Grille, Add	*87.16*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*205.41*	
23 82 33 00-0029	EA	32" High x 4' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,173.32	297.81
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*141.30*	
		For Snap-On Inlet Grille, Add	*100.20*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*252.82*	
23 82 33 00-0030	EA	32" High x 6' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,360.06	323.64
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*153.10*	
		For Snap-On Inlet Grille, Add	*108.07*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*304.41*	
23 82 33 00-0031	EA	32" High x 8' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,563.67	349.71
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*164.82*	
		For Snap-On Inlet Grille, Add	*115.88*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*361.99*	
23 82 33 00-0032	EA	32" High x 10' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,743.22	374.95
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*176.37*	
		For Snap-On Inlet Grille, Add	*123.58*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*411.36*	
23 82 33 00-0033	EA	32" High x 12' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,955.86	406.53
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*190.80*	
		For Snap-On Inlet Grille, Add	*133.20*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*468.95*	
23 82 33 00-0034	EA	32" High x 14' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	2,136.61	432.60
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*202.72*	
		For Snap-On Inlet Grille, Add	*141.14*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*518.31*	
23 82 33 00-0035	EA	32" High x 16' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	2,297.19	461.79
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*215.63*	
		For Snap-On Inlet Grille, Add	*149.75*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*559.45*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 33 00-0036	EA	32" High x 18' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	2,504.73	489.41
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*228.53*	
		For Snap-On Inlet Grille, Add	*158.35*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*617.04*	
23 82 33 00-0037	EA	32" High x 20' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	2,657.54	513.10
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*239.11*	
		For Snap-On Inlet Grille, Add	*165.41*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*658.18*	
23 82 33 00-0038		Electric Convectors, Floor Standing Units *(23 82 33)*		
23 82 33 00-0039		4" Deep Electric Convectors *(23 82 33 00-0038)*		
23 82 33 00-0040	EA	38" Long x 14" High x 4" Deep Electric Convectors, Floor Standing Units	652.84	129.27
23 82 33 00-0041	EA	50" Long x 14" High x 4" Deep Electric Convectors, Floor Standing Units	721.92	129.27
23 82 33 00-0042		6" Deep Electric Convectors *(23 82 33 00-0038)*		
23 82 33 00-0043	EA	38" Long x 14" High x 6" Deep Electric Convectors, Floor Standing Units	753.80	129.27
23 82 33 00-0044	EA	50" Long x 14" High x 6" Deep Electric Convectors, Floor Standing Units	860.07	129.27
23 82 33 00-0045	EA	62" Long x 20" High x 6" Deep Electric Convectors, Floor Standing Units	953.06	129.27
23 82 33 00-0046	EA	74" Long x 20" High x 6" Deep Electric Convectors, Floor Standing Units	1,099.19	129.27
23 82 36		**Finned-Tube Radiation Heaters** *(23 82)*		
23 82 36 00-0001		Finned Tube Baseboard Units *(23 82 36)*		
		Note: Complete with steel enclosure. Single heating element.		
23 82 36 00-0002		3/4" IPS Steel Tube With Steel Fins *(23 82 36 00-0001)*		
23 82 36 00-0003	EA	4' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	383.66	46.65
		For 90 Degree Corner, Add	*55.13*	
		For Valve Enclosure, Add	*55.13*	
		For Filler Piece, Add	*48.13*	
		For End Cap, Add	*37.34*	
		For Copper Tube With Aluminum Fins, Add	*8.69*	
23 82 36 00-0004	EA	6' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	508.83	70.56
		For 90 Degree Corner, Add	*64.37*	
		For Valve Enclosure, Add	*64.37*	
		For Filler Piece, Add	*57.37*	
		For End Cap, Add	*43.34*	
		For Copper Tube With Aluminum Fins, Add	*13.04*	
23 82 36 00-0005	EA	8' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	615.02	93.29
		For 90 Degree Corner, Add	*69.80*	
		For Valve Enclosure, Add	*69.80*	
		For Filler Piece, Add	*62.80*	
		For End Cap, Add	*46.87*	
		For Copper Tube With Aluminum Fins, Add	*17.38*	
23 82 36 00-0006	EA	10' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	766.08	130.61
		For 90 Degree Corner, Add	*84.63*	
		For Valve Enclosure, Add	*84.63*	
		For Filler Piece, Add	*77.63*	
		For End Cap, Add	*56.51*	
		For Copper Tube With Aluminum Fins, Add	*21.61*	
23 82 36 00-0007	EA	12' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	916.27	156.92
		For 90 Degree Corner, Add	*99.70*	
		For Valve Enclosure, Add	*99.70*	
		For Filler Piece, Add	*92.70*	
		For End Cap, Add	*66.30*	
		For Copper Tube With Aluminum Fins, Add	*25.73*	
23 82 36 00-0008	EA	14' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	1,039.74	167.44
		For 90 Degree Corner, Add	*105.68*	
		For Valve Enclosure, Add	*105.68*	
		For Filler Piece, Add	*98.68*	
		For End Cap, Add	*70.19*	
		For Copper Tube With Aluminum Fins, Add	*30.87*	
23 82 36 00-0009	EA	16' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	1,146.12	185.03
		For 90 Degree Corner, Add	*115.73*	
		For Valve Enclosure, Add	*115.73*	
		For Filler Piece, Add	*108.73*	
		For End Cap, Add	*76.72*	
		For Copper Tube With Aluminum Fins, Add	*33.96*	
23 82 36 00-0010	EA	18' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	1,309.03	209.31
		For 90 Degree Corner, Add	*129.60*	
		For Valve Enclosure, Add	*129.60*	
		For Filler Piece, Add	*122.60*	
		For End Cap, Add	*85.74*	
		For Copper Tube With Aluminum Fins, Add	*39.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 36 00-0011	EA	20' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	1,443.74	230.23
		For 90 Degree Corner, Add	*141.57*	
		For Valve Enclosure, Add	*141.57*	
		For Filler Piece, Add	*134.57*	
		For End Cap, Add	*93.52*	
		For Copper Tube With Aluminum Fins, Add	*43.22*	
23 82 36 00-0012		1" IPS Steel Tube With Steel Fins *(23 82 36 00-0001)*		
23 82 36 00-0013	EA	4' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	451.39	46.65
		For 90 Degree Corner, Add	*55.13*	
		For Valve Enclosure, Add	*55.13*	
		For Filler Piece, Add	*48.13*	
		For End Cap, Add	*37.34*	
		For Copper Tube With Aluminum Fins, Add	*12.42*	
23 82 36 00-0014	EA	6' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	610.42	70.56
		For 90 Degree Corner, Add	*64.37*	
		For Valve Enclosure, Add	*64.37*	
		For Filler Piece, Add	*57.37*	
		For End Cap, Add	*43.34*	
		For Copper Tube With Aluminum Fins, Add	*18.62*	
23 82 36 00-0015	EA	8' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	750.46	93.29
		For 90 Degree Corner, Add	*69.80*	
		For Valve Enclosure, Add	*69.80*	
		For Filler Piece, Add	*62.80*	
		For End Cap, Add	*46.87*	
		For Copper Tube With Aluminum Fins, Add	*24.83*	
23 82 36 00-0016	EA	10' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	934.64	130.61
		For 90 Degree Corner, Add	*84.66*	
		For Valve Enclosure, Add	*84.66*	
		For Filler Piece, Add	*77.66*	
		For End Cap, Add	*56.53*	
		For Copper Tube With Aluminum Fins, Add	*30.87*	
23 82 36 00-0017	EA	12' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	1,116.55	156.92
		For 90 Degree Corner, Add	*99.66*	
		For Valve Enclosure, Add	*99.66*	
		For Filler Piece, Add	*92.66*	
		For End Cap, Add	*66.28*	
		For Copper Tube With Aluminum Fins, Add	*36.75*	
23 82 36 00-0018	EA	14' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	1,280.33	167.44
		For 90 Degree Corner, Add	*105.68*	
		For Valve Enclosure, Add	*105.68*	
		For Filler Piece, Add	*98.68*	
		For End Cap, Add	*70.19*	
		For Copper Tube With Aluminum Fins, Add	*44.11*	
23 82 36 00-0019	EA	16' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	1,410.38	185.03
		For 90 Degree Corner, Add	*115.65*	
		For Valve Enclosure, Add	*115.65*	
		For Filler Piece, Add	*108.65*	
		For End Cap, Add	*76.68*	
		For Copper Tube With Aluminum Fins, Add	*48.52*	
23 82 36 00-0020	EA	18' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	1,613.78	209.31
		For 90 Degree Corner, Add	*129.60*	
		For Valve Enclosure, Add	*129.60*	
		For Filler Piece, Add	*122.60*	
		For End Cap, Add	*85.74*	
		For Copper Tube With Aluminum Fins, Add	*55.87*	
23 82 36 00-0021	EA	20' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	1,779.85	230.23
		For 90 Degree Corner, Add	*141.43*	
		For Valve Enclosure, Add	*141.43*	
		For Filler Piece, Add	*134.43*	
		For End Cap, Add	*93.43*	
		For Copper Tube With Aluminum Fins, Add	*61.75*	
23 82 36 00-0022		1-1/4" IPS Steel Tube With Steel Fins *(23 82 36 00-0001)*		
23 82 36 00-0023	EA	4' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	519.10	46.65
		For 90 Degree Corner, Add	*55.13*	
		For Valve Enclosure, Add	*55.13*	
		For Filler Piece, Add	*48.13*	
		For End Cap, Add	*37.34*	
		For Copper Tube With Aluminum Fins, Add	*16.14*	
23 82 36 00-0024	EA	6' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	712.00	70.56
		For 90 Degree Corner, Add	*64.37*	
		For Valve Enclosure, Add	*64.37*	
		For Filler Piece, Add	*57.37*	
		For End Cap, Add	*43.34*	
		For Copper Tube With Aluminum Fins, Add	*24.21*	
23 82 36 00-0025	EA	8' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	885.90	93.29
		For 90 Degree Corner, Add	*69.80*	
		For Valve Enclosure, Add	*69.80*	
		For Filler Piece, Add	*62.80*	
		For End Cap, Add	*46.87*	
		For Copper Tube With Aluminum Fins, Add	*32.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 36 00-0026	EA	10' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	1,103.04	130.61
		For 90 Degree Corner, Add	*84.66*	
		For Valve Enclosure, Add	*84.66*	
		For Filler Piece, Add	*77.66*	
		For End Cap, Add	*56.53*	
		For Copper Tube With Aluminum Fins, Add	*40.14*	
23 82 36 00-0027	EA	12' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	1,317.03	156.92
		For 90 Degree Corner, Add	*99.66*	
		For Valve Enclosure, Add	*99.66*	
		For Filler Piece, Add	*92.66*	
		For End Cap, Add	*66.28*	
		For Copper Tube With Aluminum Fins, Add	*47.78*	
23 82 36 00-0028	EA	14' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	1,520.91	167.44
		For 90 Degree Corner, Add	*105.68*	
		For Valve Enclosure, Add	*105.68*	
		For Filler Piece, Add	*98.68*	
		For End Cap, Add	*70.19*	
		For Copper Tube With Aluminum Fins, Add	*57.34*	
23 82 36 00-0029	EA	16' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	1,675.02	185.03
		For 90 Degree Corner, Add	*115.65*	
		For Valve Enclosure, Add	*115.65*	
		For Filler Piece, Add	*108.65*	
		For End Cap, Add	*76.68*	
		For Copper Tube With Aluminum Fins, Add	*63.07*	
23 82 36 00-0030	EA	18' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	1,918.51	209.31
		For 90 Degree Corner, Add	*129.60*	
		For Valve Enclosure, Add	*129.60*	
		For Filler Piece, Add	*122.60*	
		For End Cap, Add	*85.74*	
		For Copper Tube With Aluminum Fins, Add	*72.63*	
23 82 36 00-0031	EA	20' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	2,116.66	230.23
		For 90 Degree Corner, Add	*141.43*	
		For Valve Enclosure, Add	*141.43*	
		For Filler Piece, Add	*134.43*	
		For End Cap, Add	*93.43*	
		For Copper Tube With Aluminum Fins, Add	*80.27*	

23 82 36 00-0032 Electric Baseboard Heating *(23 82 36)*

Note: Includes 24 gauge steel enclosure and heating element

23 82 36 00-0033 Electric Wall Heating 10" Enclosure *(23 82 36 00-0032)*

23 82 36 00-0034	LF	Electric Wall Heating, 10" Enclosure, Low Capacity Electric Unit, Element <250 Watts/FT	153.39	71.82
23 82 36 00-0035	LF	Electric Wall Heating, 10" Enclosure, Low Capacity Electric Unit, Element >= 250 Watts/FT	156.58	71.82

23 82 36 00-0036 Electric Wall Heating 16" Enclosure *(23 82 36 00-0032)*

23 82 36 00-0037	LF	Electric Wall Heating, 16" Enclosure, Low Capacity Electric Unit, Element <350 Watts/FT	185.27	71.82
23 82 36 00-0038	LF	Electric Wall Heating, 16" Enclosure, Low Capacity Electric Unit, Element >= 350 Watts/FT	193.24	71.82

23 82 39 Unit Heaters *(23 82)*

23 82 39 13 Cabinet Unit Heaters *(23 82 39)*

23 82 39 13-0001 Removal and Reinstallation of Cabinet Unit Heaters *(23 82 39 13)*

Note: Includes disconnection/reconnection of power and piping, storage, cleaning and reinstallation. Excludes removal and reinstallation of equipment supports.

23 82 39 13-0002	EA	Removal And Reinstallation Of Up To 58" Cabinet Unit Heater, Floor or Wall	328.91	
23 82 39 13-0003	EA	Removal And Reinstallation Of >58" Cabinet Unit Heater, Floor or Wall	568.12	
23 82 39 13-0004	EA	Removal And Reinstallation Of Up To 58" Cabinet Unit Heater, Ceiling	678.15	
23 82 39 13-0005	EA	Removal And Reinstallation Of >58" Cabinet Unit Heater, Ceiling	917.35	

23 82 39 16 Propeller Unit Heaters *(23 82 39)*

23 82 39 16-0001 Removal and Reinstallation of Propeller Unit Heaters *(23 82 39 16)*

Note: Includes disconnection/reconnection of power and piping, storage, cleaning and reinstallation. Excludes removal and reinstallation of equipment supports.

23 82 39 16-0002	EA	Removal And Reinstallation Of Up To 120 MBH Steam, 87.1 MBH Hot Water Hydronic Unit Heater, Horizontal or Vertical	717.61	
23 82 39 16-0003	EA	Removal And Reinstallation Of >120 MBH Steam, 87.1 MBH Hot Water Hydronic Unit Heater, Horizontal or Vertical	956.82	

23 82 39 19 Wall and Ceiling Unit Heaters *(23 82 39)*

23 82 39 19-0001 Electric Unit Heaters *(23 82 39 19)*

Note: May be mounted both vertically and horizontally.

23 82 39 19-0002	EA	3 KW, 350 CFM Electric Unit Heater, 208, 240/208, or 277 Volt	941.41	130.58
23 82 39 19-0003	EA	5 KW, 350 CFM Electric Unit Heater, 208, 240/208, or 277 Volt	941.41	130.58
23 82 39 19-0004	EA	7.5 KW, 650 CFM Electric Unit Heater, 208, 240/208, or 277 Volt	1,262.79	163.23
23 82 39 19-0005	EA	10 KW, 650 CFM Electric Unit Heater, 208, 240/208, or 277 Volt	1,448.33	195.87
23 82 39 19-0006	EA	15 KW, 910 CFM Electric Unit Heater, 208, 240/208, or 277 Volt	2,113.36	261.16
23 82 39 19-0007	EA	20 KW, 1,320 CFM Electric Unit Heater, 208, 240/208, 277, or 480 Volt	3,078.53	326.45

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 39 19-0008	EA	30 KW, 2,100 CFM Electric Unit Heater, Two speed; 208, 240/208, 277, or 480 Volt	4,249.26	391.74
23 82 39 19-0009	EA	50 KW, 3,000 CFM Electric Unit Heater, Two speed; 208, 240/208, 277, or 480 Volt	6,211.49	457.03
23 82 39 19-0010	EA	3 KW, 350 CFM Electric Unit Heater - 480 Volt	1,162.55	130.58
23 82 39 19-0011	EA	5 KW, 350 CFM Electric Unit Heater - 480 Volt	1,119.38	130.58
23 82 39 19-0012	EA	7.5 KW, 650 CFM Electric Unit Heater - 480 Volt	1,325.99	163.23
23 82 39 19-0013	EA	10 KW, 650 CFM Electric Unit Heater - 480 Volt	1,530.56	195.87
23 82 39 19-0014	EA	15 KW, 910 CFM Electric Unit Heater - 480 Volt	2,277.81	261.16

23 82 39 19-0015 Electric Ceiling and Wall Heaters *(23 82 39 19)*

Note: The "/" between wattages indicates two or three speed operation. 120, 240/208 or 277 Volt.

23 82 39 19-0016	EA	1,000, 1,500 Or 2,000 Watt Recessed Electric Wall Heater	430.46	81.61
23 82 39 19-0017	EA	1,500/750 Or 2,000/1,000 Watt Recessed Electric Wall Heater	503.60	91.41
23 82 39 19-0018	EA	3,000, 3,600, 4,000 Or 4,800 Watt Recessed Electric Wall Heater	787.02	91.41
23 82 39 19-0019	EA	1,000, 1,500 Or 2,000 Watt Surface Mounted Electric Wall Heater	488.67	81.61
23 82 39 19-0020	EA	1,500/750 Or 2,000/1,000 Watt Surface Mounted Electric Wall Heater	595.46	91.41
23 82 39 19-0021	EA	3,000, 3,600, 4,000 Or 4,800 Watt Surface Mounted Electric Wall Heater	894.92	91.41
23 82 39 19-0022	EA	1,000, 1,500 Or 2,000/1,500 Watt Recessed Electric Ceiling Heater	642.67	107.72
23 82 39 19-0023	EA	3,000, 4,000 Or 4,000/3,000 Watt Recessed Electric Ceiling Heater	1,196.99	114.25
23 82 39 19-0024	EA	4,800/3,600 Watt Recessed Electric Ceiling Heater	1,346.77	114.25
23 82 39 19-0025	EA	4,000/3,000/2,000 Watt Recessed Or Surface Mounted Electric Ceiling Heater	1,563.16	120.79
23 82 39 19-0026	EA	5,000/3,800/2,500 Watt Recessed Or Surface Mounted Electric Ceiling Heater	1,694.67	120.79
23 82 39 19-0027	EA	1,000, 1,500 Or 2,000/1,500 Watt Surface Mounted Electric Ceiling Heater	720.47	107.72
23 82 39 19-0028	EA	3,000, 4,000 Or 4,000/3,000 Watt Surface Mounted Electric Ceiling Heater	1,319.53	114.25
23 82 39 19-0029	EA	4,800/3,600 Watt Surface Mounted Electric Ceiling Heater	1,469.31	114.25
23 82 39 19-0030	EA	Selectable Wattage (500 Or 750 Or 1000 Or 1,250 Or 1,500 Or 1,750 Or 2,250 Watt), 240 Volt, Surface Mounted, Electric Wall Heater (Markel Series 305 - Model H30522T2DWB)	683.10	81.61

23 82 39 19-0031 Removal And Reinstallation Of Electric Unit Heaters *(23 82 39 19)*

Note: Includes disconnection/reconnection of power and piping, storage, cleaning and reinstallation. Excludes removal and reinstallation of equipment supports.

23 82 39 19-0032	EA	Removal And Reinstallation Of Up To 15KW Electric Unit Heater	430.60	
23 82 39 19-0033	EA	Removal And Reinstallation Of >15 KW Electric Unit Heater	885.16	

23 84 Humidity Control Equipment *(23 80)*

23 84 13 Humidifiers *(23 84)*

23 84 13 23 Direct-Steam-Injection Humidifiers *(23 84 13)*

23 84 13 23-0001 Steam Type Pneumatically Controlled *(23 84 13 23)*

Note: For duct or air handling installation standard unit with integral operator distribution manifold strainer trap and pneumatic modulating valve. Excludes humidistat and piping.

23 84 13 23-0002	EA	3-191 Lb./Hour Steam Humidifier, 24" Manifold, Pneumatic Controls	2,144.20	315.75
		For Electrically Controlled Unit, Add	*700.00*	
		For Each Additional Manifold, Add	*659.21*	
23 84 13 23-0003	EA	3-191 Lb./Hour Steam Humidifier, 48" Manifold, Pneumatic Controls	2,144.20	315.75
		For Electrically Controlled Unit, Add	*700.00*	
		For Each Additional Manifold, Add	*659.21*	
23 84 13 23-0004	EA	65-334 Lb./Hour Steam Humidifier, 36" Manifold, Pneumatic Controls	3,091.27	315.75
		For Electrically Controlled Unit, Add	*700.00*	
		For Each Additional Manifold, Add	*943.33*	
23 84 13 23-0005	EA	65-334 Lb./Hour Steam Humidifier, 72" Manifold, Pneumatic Controls	3,210.87	394.69
		For Electrically Controlled Unit, Add	*700.00*	
		For Each Additional Manifold, Add	*983.19*	
23 84 13 23-0006	EA	100-690 Lb./Hour Steam Humidifier, 48" Manifold, Pneumatic Controls	4,648.50	315.75
		For Electrically Controlled Unit, Add	*700.00*	
		For Each Additional Manifold, Add	*1,410.50*	
23 84 13 23-0007	EA	100-690 Lb./Hour Steam Humidifier, 84" Manifold, Pneumatic Controls	4,768.10	394.69
		For Electrically Controlled Unit, Add	*700.00*	
		For Each Additional Manifold, Add	*1,450.36*	
23 84 13 23-0008	EA	220-2,000 Lb./Hour Steam Humidifier, 72" Manifold, Pneumatic Controls	7,201.27	394.69
		For Electrically Controlled Unit, Add	*700.00*	
		For Each Additional Manifold, Add	*2,180.31*	
23 84 13 23-0009	EA	220-2,000 Lb./Hour Steam Humidifier, 144" Manifold, Pneumatic Controls	7,350.77	493.95
		For Electrically Controlled Unit, Add	*700.00*	
		For Each Additional Manifold, Add	*2,230.15*	

23 84 13 29 Self-Contained Steam Humidifiers *(23 84 13)*

23 84 13 29-0001 Residential Humidifiers *(23 84 13 29)*

Note: Includes solenoid valve and flow through water supply.

23 84 13 29-0002	EA	Duct Or Furnace Mounted Humidifier, Residential Type	613.54	59.80

END OF SECTION 23

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

25 Integrated Automation

25 50 Integrated Automation Facility Controls *(25)*

25 55 Integrated Automation Control of HVAC *(25 50)*

See CSI section 23 09 00 00-0000 for Instrumentation And Control For HVAC.

END OF SECTION 25

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

26 Electrical

Note: Termination costs are included with all electrical equipment, panel boards, fixtures and devices. Terminations are not included with patch panels. Electricial equipment and lighting shall conform to California Title 24.

26 01 Operation and Maintenance of Electrical Systems *(26)*

26 01 20 Operation and Maintenance of Low-Voltage Electrical Distribution *(26 01)*

26 01 20 91 Low-Voltage Electrical Distribution Restoration *(26 01 20)*

26 01 20 91-0001 Lock Out/Tag Out Devices *(26 01 20 91)*
Note: Includes following OSHA procedures and completing Owner's paperwork. Excludes circuit tracing.

26 01 20 91-0002	EA	Lock Out/Tag Out Local Disconnect Note: Excludes tag or padlock See CSI section 26 01 20 91-0004 for padlock, 26 01 20 91-0005 for tag(s).	46.26
26 01 20 91-0003	EA	Lock Out/Tag Out Breaker Or Motor Starter Note: Excludes tag or padlock See CSI section 26 01 20 91-0004 for padlock, 26 01 20 91-0005 for tag(s).	46.26
26 01 20 91-0004	EA	Lock Out Padlock Device Note: Includes the installation and removal of pad lock when required	12.85
26 01 20 91-0005	EA	Lock Out Tags Note: Includes filling out tag information, installation and removal of identifying tags.	5.30

26 01 20 91-0006 Existing Circuit Tracing *(26 01 20 91)*

26 01 20 91-0007	EA	Motors, Diconnects And Other Single Source Devices, Existing Circuit Tracing Per Device	26.73
26 01 20 91-0008	EA	Lighting, Existing Circuit Tracing Per Circuit	26.73

26 01 30 Operation and Maintenance of Facility Electrical Power Generating and Storing Equipment *(26 01)*

26 01 30 91 Facility Electrical Power Generating and Storing Equipment Restoration *(26 01 30)*

26 01 30 91-0001 Cleaning Photovoltaic Collectors *(26 01 30 91)*
Note: Includes pressure washer with filtered water (owner supplied from hose faucet).

26 01 30 91-0002	SF	Rinse Photovoltaic Collectors Note: Rinse solar panels with clean (filtered) water using hose	0.21
		For Up To 100, Add	*0.16*
		For >100 To 250, Add	*0.07*
		For >250 To 500, Add	*0.03*
		For >5,000 To 10,000, Deduct	*-0.01*
		For >10,000 To 15,000, Deduct	*-0.02*
		For >15,000 To 30,000, Deduct	*-0.03*
		For >30,000, Deduct	*-0.04*
26 01 30 91-0003	SF	Cleaning And Washing Photovoltaic Collectors With Brush, Ground Level Or On Flat Roof Note: Includes pre-rinse solar panels with clean water, soft scrubber with soapy water, and final rinse with clean water.	0.34
		For Up To 100, Add	*0.26*
		For >100 To 250, Add	*0.12*
		For >250 To 500, Add	*0.05*
		For >5,000 To 10,000, Deduct	*-0.02*
		For >10,000 To 15,000, Deduct	*-0.03*
		For >15,000 To 30,000, Deduct	*-0.05*
		For >30,000, Deduct	*-0.07*
26 01 30 91-0004	SF	Cleaning And Washing Photovoltaic Collectors With Telescoping Pole Brush, Pitched Roof Note: Includes pre-rinse solar panels with clean water, soft scrubber with soapy water, and final rinse with clean water.	0.63
		For Up To 100, Add	*0.47*
		For >100 To 250, Add	*0.22*
		For >250 To 500, Add	*0.09*
		For >5,000 To 10,000, Deduct	*-0.03*
		For >10,000 To 15,000, Deduct	*-0.06*
		For >15,000 To 30,000, Deduct	*-0.09*
		For >30,000, Deduct	*-0.13*

26 01 30 91-0005 Emergency Generator Permits *(26 01 30 91)*

26 01 30 91-0006 Air Pollution Control Board *(26 01 30 91-0005)*

26 01 30 91-0007	EA	APCD Permit To Construct And Operate Emergency Generator	5,052.51

26 01 50 Operation and Maintenance of Lighting *(26 01)*

26 01 50 51 Luminaire Relamping *(26 01 50)*

26 01 50 51-0001 Replace Lamps In Existing Fixtures *(26 01 50 51)*
Note: Includes removal of existing lamp from fixture and installation of new lamp. Excludes disposal of hazardous lamps.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 51-0002		**Halogen Lamps** *(26 01 50 51-0001)*		
26 01 50 51-0003	EA	300 Watt, T3, Tungsten Halogen Lamp	58.52	
26 01 50 51-0004	EA	500 Watt, T3, Tungsten Halogen Lamp	75.65	
26 01 50 51-0005	EA	1,000 Watt, T3, Tungsten Halogen Lamp	113.22	
26 01 50 51-0006	EA	60 Watt, PAR38, Halogen Lamp	28.42	
26 01 50 51-0007	EA	75 Watt, PAR38, Halogen Lamp	28.42	
26 01 50 51-0008	EA	90 Watt, PAR38, Halogen Lamp	26.90	
26 01 50 51-0009	EA	100 Watt, PAR38, Halogen Lamp	26.90	
26 01 50 51-0010	EA	60 Watt, PAR38, Halogen IR Reflective Lamp	38.60	
26 01 50 51-0011	EA	67 Watt, PAR38, Halogen IR Reflective Lamp	42.40	
26 01 50 51-0012	EA	70 Watt, PAR38, Halogen IR Reflective Lamp	41.42	
26 01 50 51-0013	EA	90 Watt, PAR38, Halogen IR Reflective Lamp	44.33	
26 01 50 51-0014	EA	100 Watt, PAR38, Halogen IR Reflective Lamp	44.95	
26 01 50 51-0015	EA	12 Watt, 10 Degree Beam, Base B01, Halogen Lamp (Soraa MR16-65-B01-12-830-10)	24.50	
26 01 50 51-0016	EA	12 Watt, 20 Degree Beam, Base B01, Halogen Lamp (Soraa MR16-75-B01-12-830-20)	24.50	
26 01 50 51-0017	EA	12 Watt, 25 Degree Beam, Base B01, Halogen Lamp (Soraa MR16-75-B01-12-830-25)	26.86	
26 01 50 51-0018	EA	12 Watt, 36 Degree Beam, Base B01, Halogen Lamp (Soraa MR16-75-B01-12-830-36)	26.86	
26 01 50 51-0019		**Exit Light Lamps** *(26 01 50 51-0001)*		
26 01 50 51-0020	EA	Convert Exit Light Lamps To Red LED Lamps	124.03	
		For Green LED Lamps, Add	*25.00*	
26 01 50 51-0021	EA	Fluorescent Lamp For Exit Light	35.37	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-8.50*	
26 01 50 51-0022	EA	Lamp Replacement For Emergency Lights On Exit Sign	47.62	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-4.25*	
26 01 50 51-0023		**Fluorescent Lamps** *(26 01 50 51-0001)*		
26 01 50 51-0024	EA	18", 15 Watt, T8 Fluorescent Lamp	13.46	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.40*	
26 01 50 51-0025	EA	2', 17 Watt, T8 Fluorescent Lamp	16.19	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.40*	
26 01 50 51-0026	EA	3', 25 Watt, T8 Fluorescent Lamp	18.60	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.82*	
26 01 50 51-0027	EA	4', 28 Watt, Rapid Start T8 Fluorescent Lamp	20.16	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.82*	
26 01 50 51-0028	EA	4', 32 Watt, T8 Fluorescent Lamp	18.51	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.82*	
26 01 50 51-0029	EA	4', 30 Watt, T8 Fluorescent Lamp	23.31	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.82*	
26 01 50 51-0030	EA	4', 28 Watt, T8 Fluorescent Lamp	20.44	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.82*	
26 01 50 51-0031	EA	4', 25 Watt, T8 Fluorescent Lamp	20.33	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.82*	
26 01 50 51-0032	EA	4', 44 Watt, T8HO Fluorescent Lamp	32.67	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.82*	
26 01 50 51-0033	EA	8', 59 Watt, T8 Fluorescent Lamp	24.92	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.82*	
26 01 50 51-0034	EA	18", 15 Watt, T12 Fluorescent Lamp	20.34	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.40*	
26 01 50 51-0035	EA	2', 20 Watt, T12 Fluorescent Lamp	15.41	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.40*	
26 01 50 51-0036	EA	3', 30 Watt, T12 Fluorescent Lamp	17.30	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.82*	
26 01 50 51-0037	EA	4', 34 Watt, T12 Fluorescent Lamp	17.39	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.82*	
26 01 50 51-0038	EA	4', 40 Watt, T12 Fluorescent Lamp	17.03	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.82*	
26 01 50 51-0039	EA	8', 60 Watt, T12 Fluorescent Lamp	25.55	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.82*	
26 01 50 51-0040	EA	8', 75 Watt, T12 Fluorescent Lamp	21.58	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.82*	
26 01 50 51-0041	EA	8', 95 Watt, Instant Start T12 Fluorescent Lamp	36.86	
26 01 50 51-0042	EA	6" Diameter, 20 Watt, Circular T9 Fluorescent Lamp	20.58	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.40*	
26 01 50 51-0043	EA	8" Diameter, 22 Watt, Circular T9 Fluorescent Lamp	16.93	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.40*	
26 01 50 51-0044	EA	12" Diameter, 32 Watt, Circular T9 Fluorescent Lamp	16.37	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.40*	
26 01 50 51-0045	EA	16" Diameter, 40 Watt, Circular T9 Fluorescent Lamp	18.12	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.40*	
26 01 50 51-0046	EA	32 Watt, Rapid Start, U-Shaped T8 Fluorescent Lamp	29.95	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-4.25*	
26 01 50 51-0047	EA	40 Watt, Rapid Start, U-Shaped T12 Fluorescent Lamp	28.88	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-4.25*	
26 01 50 51-0048	EA	6", 4 Watt, T5 Fluorescent Lamp	14.94	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.40*	
26 01 50 51-0049	EA	9", 6 Watt, T5 Fluorescent Lamp	14.69	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.40*	
26 01 50 51-0050	EA	12", 8 Watt, T5 Fluorescent Lamp	15.16	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 51-0051	EA	21", 13 Watt, T5 Fluorescent Lamp	15.86	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.40*	
26 01 50 51-0052	EA	24", 14 Watt, T5 Fluorescent Lamp	18.28	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.40*	
26 01 50 51-0053	EA	34", 21 Watt, T5 Fluorescent Lamp	19.88	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.82*	
26 01 50 51-0054	EA	46", 28 Watt, T5 Fluorescent Lamp	19.25	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.82*	
26 01 50 51-0055	EA	46", 54 Watt, T5HO Fluorescent Lamp	21.07	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.82*	
26 01 50 51-0056	EA	46", 54 Watt T5 Fluorescent Lamp	19.18	
26 01 50 51-0057	EA	5-13 Watt, 2-Pin Compact Fluorescent Lamp	11.82	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-2.13*	
26 01 50 51-0058	EA	9-26 Watt, 4-Pin Compact Fluorescent Lamp	13.07	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-2.13*	
26 01 50 51-0059	EA	27-55 Watt, 4-Pin Compact Fluorescent Lamp	26.90	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-2.13*	
26 01 50 51-0060	EA	Compact Fluorescent 13 Watt, 4-Pin Lamps CF13DD/E/827, Dulux	35.07	
26 01 50 51-0061	EA	Compact Fluorescent 18 Watt, 4-Pin Lamps CF18DD/E/827, Dulux	35.07	
26 01 50 51-0062	EA	32 Watt 2D (DoubleD) Fluorescent Lamp, 4-Pin	66.15	
26 01 50 51-0063	EA	26 Watt (1,600 Lumens) 4-pin Quad Tube PL Lamp	23.97	
26 01 50 51-0064	EA	<9 Watt, Screw-In, Spiral Compact Fluorescent Lamps	12.28	
26 01 50 51-0065	EA	9 To 27 Watt, Screw-In, Spiral Compact Fluorescent Lamps	10.59	
26 01 50 51-0066	EA	29 To 32 Watt, Screw-In, Spiral Compact Fluorescent Lamps	11.12	
26 01 50 51-0067	EA	33 To 42 Watt, Screw-In, Spiral Compact Fluorescent Lamps	46.04	
26 01 50 51-0068	EA	43 To 65 Watt, Screw-In, Spiral Compact Fluorescent Lamps	50.23	
26 01 50 51-0069	EA	85 Watt, Screw-In, Spiral Compact Fluorescent Lamps	95.73	
26 01 50 51-0070	EA	105 Watt, Screw-In, Spiral Compact Fluorescent Lamps	114.68	
26 01 50 51-0071	EA	200 Watt, Screw-In, Spiral Compact Fluorescent Lamps	118.54	
26 01 50 51-0072	EA	11 Watt, Screw-In, Compact Fluorescent Reflector Lamps	42.93	
26 01 50 51-0073	EA	15 Watt, Screw-In, Compact Fluorescent Reflector Lamps	44.78	
26 01 50 51-0074	EA	20 To 28 Watt, Screw-In, Compact Fluorescent Reflector Lamps	51.73	
26 01 50 51-0075		**Metal Halide Lamps** *(26 01 50 51-0001)*		
26 01 50 51-0076	EA	50 Watt, Pulse Start Metal Halide Lamp	51.79	
26 01 50 51-0077	EA	70 Watt, Pulse Start Metal Halide Lamp	49.56	
26 01 50 51-0078	EA	100 Watt, Pulse Start Metal Halide Lamp	56.62	
26 01 50 51-0079	EA	150 Watt, Pulse Start Metal Halide Lamp	55.02	
26 01 50 51-0080	EA	175 Watt, Pulse Start Metal Halide Lamp	54.56	
26 01 50 51-0081	EA	250 Watt, Pulse Start Metal Halide Lamp	54.87	
26 01 50 51-0082	EA	400 Watt, Pulse Start Metal Halide Lamp	66.14	
26 01 50 51-0083	EA	1,000 Watt, Pulse Start Metal Halide Lamp	76.94	
26 01 50 51-0084	EA	1,500 Watt, Pulse Start Metal Halide Lamp	76.49	
26 01 50 51-0085		**High Pressure Sodium Lamps** *(26 01 50 51-0001)*		
26 01 50 51-0086	EA	35 Watt, High Pressure Sodium Lamp	42.68	
		For Enclosed And Gasket Light Fixtures, Add	*3.27*	
26 01 50 51-0087	EA	50 Watt, High Pressure Sodium Lamp	42.68	
		For Enclosed And Gasket Light Fixtures, Add	*3.27*	
26 01 50 51-0088	EA	70 Watt, High Pressure Sodium Lamp	43.65	
		For Enclosed And Gasket Light Fixtures, Add	*3.27*	
26 01 50 51-0089	EA	100 Watt, High Pressure Sodium Lamp	45.48	
		For Enclosed And Gasket Light Fixtures, Add	*3.27*	
26 01 50 51-0090	EA	150 Watt, High Pressure Sodium Lamp	43.65	
		For Enclosed And Gasket Light Fixtures, Add	*3.27*	
26 01 50 51-0091	EA	250 Watt, High Pressure Sodium Lamp	43.65	
		For Enclosed And Gasket Light Fixtures, Add	*3.27*	
26 01 50 51-0092	EA	400 Watt, High Pressure Sodium Lamp	40.91	
		For Enclosed And Gasket Light Fixtures, Add	*3.27*	
26 01 50 51-0093	EA	1,000 Watt, High Pressure Sodium Lamp	95.21	
26 01 50 51-0094		**Low Pressure Sodium Lamps** *(26 01 50 51-0001)*		
26 01 50 51-0095	EA	35 Watt, Low Pressure Sodium Lamp	109.04	
26 01 50 51-0096	EA	55 Watt, Low Pressure Sodium Lamp	121.71	
26 01 50 51-0097	EA	70 Watt, Low Pressure Sodium Lamp	124.56	
26 01 50 51-0098	EA	90 Watt, Low Pressure Sodium Lamp	127.41	
26 01 50 51-0099	EA	135 Watt, Low Pressure Sodium Lamp	138.83	
26 01 50 51-0100	EA	180 Watt, Low Pressure Sodium Lamp	190.20	
26 01 50 51-0101		**LED Lamps** *(26 01 50 51-0001)*		
26 01 50 51-0102		**LED Lamps, Candelabra Base, CA10** *(26 01 50 51-0101)*		
26 01 50 51-0103	EA	3 Watt (25 Watt Incandescent Equivalent), Candelabra Base, CA10, Dimmable LED Lamp (Energy Star)	26.25	
26 01 50 51-0104		**LED Lamps, Medium Base, A19 Or A21** *(26 01 50 51-0101)*		
26 01 50 51-0105	EA	6 Watt (40 Watt Incandescent Equivalent), Medium Base, A19, Dimmable LED Lamp (Energy Star)	37.31	
26 01 50 51-0106	EA	11 Watt (60 Watt Incandescent Equivalent), Medium Base, A19, Dimmable LED Lamp (Energy Star)	37.31	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 51-0107	EA	14 Watt (75 Watt Incandescent Equivalent), Medium Base, A19, Dimmable LED Lamp (Energy Star)	67.00	
26 01 50 51-0108	EA	17 Watt (75 Watt Incandescent Equivalent), Medium Base, A21, Dimmable LED Lamp (Energy Star)	44.80	
26 01 50 51-0109	EA	18 Watt (100 Watt Incandescent Equivalent), Medium Base, A21, Dimmable LED Lamp (Energy Star)	85.55	
26 01 50 51-0110		**LED Lamps, Medium Base, BR30 Or BR40** *(26 01 50 51-0101)*		
26 01 50 51-0111	EA	9.5 Watt (65 Watt Incandescent Equivalent), Medium Base, BR30, Dimmable LED Lamp (Energy Star)	49.37	
26 01 50 51-0112	EA	14 Watt (85 Watt Incandescent Equivalent), Medium Base, BR30, Dimmable LED Lamp (Energy Star)	43.10	
26 01 50 51-0113	EA	11 Watt (65 Watt Incandescent Equivalent), Medium Base, BR40, Dimmable LED Lamp (Energy Star)	59.76	
26 01 50 51-0114	EA	14.5 Watt (75 Watt Incandescent Equivalent), Medium Base, BR40, Dimmable LED Lamp (Energy Star)	48.66	
26 01 50 51-0115	EA	14 Watt (85 Watt Incandescent Equivalent), Medium Base, BR40, Dimmable LED Lamp (Energy Star)	67.18	
26 01 50 51-0116	EA	18 Watt (90 Watt Incandescent Equivalent), Medium Base, BR40, Dimmable LED Lamp (Energy Star)	48.66	
26 01 50 51-0117		**LED Lamps, Medium Base, PAR** *(26 01 50 51-0101)*		
26 01 50 51-0118	EA	7 Watt (45 Watt Halogen Equivalent), Medium Base, PAR20, Dimmable LED Lamp (Energy Star)	55.31	
26 01 50 51-0119	EA	12 Watt (60 Watt Halogen Equivalent), Medium Base, Short Neck Par30, Dimmable LED Lamp (Energy Star)	78.35	
26 01 50 51-0120	EA	16.3 Watt (65 Watt Halogen Equivalent), Medium Base, Short Neck PAR30, Dimmable LED Lamp (Energy Star)	78.35	
26 01 50 51-0121	EA	15.6 Watt (70 Watt Halogen Equivalent), Medium Base, Short Neck PAR30, Dimmable LED Lamp (Energy Star)	74.64	
26 01 50 51-0122	EA	12 Watt (50 Watt Halogen Equivalent), Medium Base, Short Neck PAR30, Dimmable LED Lamp (Energy Star)	70.93	
26 01 50 51-0123	EA	15 Watt (75 Watt Halogen Equivalent), Medium Base, Long Neck PAR30, Dimmable LED Lamp (Energy Star)	70.93	
26 01 50 51-0124	EA	18 Watt (90 Watt Halogen Equivalent), Medium Base, Long Neck PAR30, Dimmable LED Lamp (Energy Star)	145.89	
26 01 50 51-0125	EA	15 Watt (75 Watt Halogen Equivalent), Medium Base, PAR38, Dimmable LED Lamp (Energy Star)	78.35	
26 01 50 51-0126	EA	18 Watt (90 Watt Halogen Equivalent), Medium Base, PAR38, Dimmable LED Lamp (Energy Star)	74.64	
26 01 50 51-0127	EA	19 Watt (120 Watt Halogen Equivalent), Medium Base, Par38, Dimmable LED Lamp (Energy Star)	78.35	
26 01 50 51-0128	EA	24 Watt (120 Watt Halogen Equivalent), Medium Base, PAR38, Dimmable LED Lamp (Energy Star)	78.35	
26 01 50 51-0129		**LED Lamps, GU Base, MR16** *(26 01 50 51-0101)*		
26 01 50 51-0130	EA	4 Watt (20 Watt Halogen Equivalent), GU5.3 Base, MR16, LED Lamp (Energy Star)	35.67	
26 01 50 51-0131	EA	6 Watt (30 Watt Halogen Equivalent), GU10 Base, MR16, Dimmable LED Lamp (Energy Star)	49.37	
26 01 50 51-0132	EA	8 Watt (50 Watt Halogen Equivalent), GU5.3 Base, MR16, Dimmable LED Lamp (Energy Star)	55.31	
26 01 50 51-0133		**LED Lamps, PL Series** *(26 01 50 51-0101)*		
26 01 50 51-0134	EA	3.5 Watt, 2-Pin CFL G23 Base , Hybrid Lamp (GreenCreative PLS 3.5 HYB G23)	18.04	
26 01 50 51-0135	EA	26 Watt, 2700K CCT, PL EDGE DIRect Series (Green Creative 9.5PLH/827/DIR)	23.92	
26 01 50 51-0136	EA	26 Watt, 3000K CCT, PL EDGE DIRect Series (Green Creative 9.5PLH/830/DIR)	20.39	
26 01 50 51-0137	EA	26 Watt, 3500K CCT, PL EDGE DIRect Series (Green Creative 9.5PLH/835/DIR)	22.60	
26 01 50 51-0138	EA	26 Watt, 4000K CCT, PL EDGE DIRect Series (Green Creative 9.5PLH/840/DIR)	22.60	
26 01 50 51-0139	EA	26 Watt, 3000K CCT, High CRI, PL EDGE DIRect Series (Green Creative 10.5PLH/930/DIR)	26.58	
26 01 50 51-0140	EA	13-18 Watt, 2700K CCT, PL EDGE DIRect Series (Green Creative 5.5PLH/827/DIR)	22.60	
26 01 50 51-0141	EA	13-18 Watt, 3000K CCT, PL EDGE DIRect Series (Green Creative 5.5PLH/830/DIR)	22.60	
26 01 50 51-0142	EA	13-18 Watt, 3500K CCT, PL EDGE DIRect Series (Green Creative 5.5PLH/835/DIR)	22.60	
26 01 50 51-0143	EA	13-18 Watt, 4000K CCT, PL EDGE DIRect Series (Green Creative 5.5PLH/840/DIR)	22.60	
26 01 50 51-0144	EA	26 Watt, 2700K CCT, PL EDGE DIRect Series (Green Creative 10PLV/827/DIR)	25.25	
26 01 50 51-0145	EA	26 Watt, 3000K CCT, PL EDGE DIRect Series (Green Creative 10PLV/830/DIR)	25.25	
26 01 50 51-0146	EA	26 Watt, 3500K CCT, PL EDGE DIRect Series (Green Creative 10PLV/835/DIR)	25.25	
26 01 50 51-0147	EA	26 Watt, 4000K CCT, PL EDGE DIRect Series (Green Creative 10PLV/840/DIR)	25.25	
26 01 50 51-0148	EA	26 Watt, 3000K CCT, High CRI, PL EDGE DIRect Series (Green Creative 11PLV/930/DIR)	23.92	
26 01 50 51-0149	EA	13-18 Watt, 2700K CCT, PL EDGE DIRect Series (Green Creative 6.5PLV/827/DIR)	23.92	
26 01 50 51-0150	EA	13-18 Watt, 3000K CCT, PL EDGE DIRect Series (Green Creative 6.5PLV/830/DIR)	23.92	
26 01 50 51-0151	EA	13-18 Watt, 3500K CCT, PL EDGE DIRect Series (Green Creative 6.5PLV/835/DIR)	24.81	
26 01 50 51-0152	EA	13-18 Watt, 4000K CCT, PL EDGE DIRect Series (Green Creative 6.5PLV/840/DIR)	24.81	
26 01 50 51-0153	EA	26 Watt, 2700K CCT, PL EDGE BYPass Series (Green Creative 10.5PLH/827/BYP)	25.00	
26 01 50 51-0154	EA	26 Watt, 3000K CCT, PL EDGE BYPass Series (Green Creative 10.5PLH/830/BYP)	25.00	
26 01 50 51-0155	EA	26 Watt, 3500K CCT, PL EDGE BYPass Series (Green Creative 10.5PLH/835/BYP)	25.00	
26 01 50 51-0156	EA	26 Watt, 4000K CCT, PL EDGE BYPass Series (Green Creative 10.5PLH/840/BYP)	25.00	
26 01 50 51-0157	EA	13-18 Watt, 3500K CCT, PL EDGE BYPass Series (Green Creative 6PLH/835/BYP)	25.69	
26 01 50 51-0158	EA	13-18 Watt, 4000K CCT, PL EDGE BYPass Series (Green Creative 6PLH/840/BYP)	25.69	
26 01 50 51-0159	EA	13 Watt, 3000K CCT, PL EDGE BYPass Series (Green Creative 6PLH/830/BYP/E26)	25.69	
26 01 50 51-0160	EA	13 Watt, 3500K CCT, PL EDGE BYPass Series (Green Creative 6PLH/835/BYP/E26)	25.69	
26 01 50 51-0161	EA	13 Watt, 4000K CCT, PL EDGE BYPass Series (Green Creative 6PLH/840/BYP/E26)	25.69	
26 01 50 51-0162	EA	13 Watt, 3000K CCT, PL EDGE BYPass Series (Green Creative 6PLH/830/BYP/GU24)	25.69	
26 01 50 51-0163	EA	13 Watt, 3500K CCT, PL EDGE BYPass Series (Green Creative 6PLH/835/BYP/GU24)	25.69	
26 01 50 51-0164	EA	13 Watt, 4000K CCT, PL EDGE BYPass Series (Green Creative 6PLH/840/BYP/GU24)	25.69	
26 01 50 51-0165	EA	26 Watt, 2700K CCT, PL EDGE BYPass Series (Green Creative 11.5PLV/827/BYP)	32.60	
26 01 50 51-0166	EA	26 Watt, 3000K CCT, PL EDGE BYPass Series (Green Creative 11.5PLV/830/BYP)	32.60	
26 01 50 51-0167	EA	26 Watt, 3500K CCT, PL EDGE BYPass Series (Green Creative 11.5PLV/835/BYP)	32.60	
26 01 50 51-0168	EA	26 Watt, 4000K CCT, PL EDGE BYPass Series (Green Creative 11.5PLV/840/BYP)	31.01	
26 01 50 51-0169	EA	13-18 Watt, 3500K CCT, PL EDGE BYPass Series (Green Creative 7PLV/835/BYP)	31.01	
26 01 50 51-0170	EA	13-18 Watt, 4000K CCT, PL EDGE BYPass Series (Green Creative 7PLV/840/BYP)	31.01	
26 01 50 51-0171	EA	4 Pin, 6 Watt, 560 Lumens 4000K CCT, Horizontal Mount LED PL Lamp (Green Creative 57898)	27.30	
26 01 50 51-0172		**HID LED Lamps, Medium Base E26** *(26 01 50 51-0101)*		
26 01 50 51-0173	EA	27 Watt, 4000K CCT, Medium Base E26, LED Lamp (Green Creative 27HID/840/277V/E26)	61.51	
26 01 50 51-0174	EA	27 Watt, 5000K CCT, Medium Base E26, LED Lamp (Green Creative 27HID/850/277V/E26)	61.51	
26 01 50 51-0175	EA	45 Watt, 4000K CCT, Medium Base E26, LED Lamp (Green Creative 45HID/840/277V/E26)	77.86	
26 01 50 51-0176	EA	45 Watt, 5000K CCT, Medium Base E26, LED Lamp (Green Creative 45HID/850/277V/E26)	77.86	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 51-0177	EA	10 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED10-3026)	54.15	
26 01 50 51-0178	EA	10 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED10-4026)	54.15	
26 01 50 51-0179	EA	10 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED10-5026)	54.15	
26 01 50 51-0180	EA	10 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED10-6026)	54.15	
26 01 50 51-0181	EA	15 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED15-3026)	55.92	
26 01 50 51-0182	EA	15 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED15-4026)	55.92	
26 01 50 51-0183	EA	15 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED15-5026)	55.92	
26 01 50 51-0184	EA	15 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED15-6026)	55.92	
26 01 50 51-0185	EA	20 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED20-3026)	63.00	
26 01 50 51-0186	EA	20 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED20-4026)	63.00	
26 01 50 51-0187	EA	20 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED20-5026)	63.00	
26 01 50 51-0188	EA	20 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED20-6026)	63.00	
26 01 50 51-0189	EA	25 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED25-3026)	71.84	
26 01 50 51-0190	EA	25 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED25-4026)	71.84	
26 01 50 51-0191	EA	25 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED25-5026)	71.84	
26 01 50 51-0192	EA	25 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED25-6026)	71.84	
26 01 50 51-0193	EA	30 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED30-3026)	91.29	
26 01 50 51-0194	EA	30 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED30-4026)	91.29	
26 01 50 51-0195	EA	30 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED30-5026)	91.29	
26 01 50 51-0196	EA	30 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED30-6026)	91.29	
26 01 50 51-0197	EA	40 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED40-3026)	108.10	
26 01 50 51-0198	EA	40 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED40-4026)	108.10	
26 01 50 51-0199	EA	40 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED40-5026)	108.10	
26 01 50 51-0200	EA	40 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED40-6026)	108.10	
26 01 50 51-0201	EA	60 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED60-3026)	119.59	
26 01 50 51-0202	EA	60 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED60-4026)	119.59	
26 01 50 51-0203	EA	60 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED60-5026)	119.59	
26 01 50 51-0204	EA	60 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED60-6026)	119.59	
26 01 50 51-0205	EA	80 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED80-3026)	161.15	
26 01 50 51-0206	EA	80 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED80-4026)	161.15	
26 01 50 51-0207	EA	80 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED80-5026)	161.15	
26 01 50 51-0208	EA	80 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED80-6026)	161.15	
26 01 50 51-0209	EA	100 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED100-3026)	166.46	
26 01 50 51-0210	EA	100 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED100-4026)	166.46	
26 01 50 51-0211	EA	100 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED100-5026)	166.46	
26 01 50 51-0212	EA	100 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED100-6026)	166.46	
26 01 50 51-0213	EA	120 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED120-3026)	197.41	
26 01 50 51-0214	EA	120 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED120-4026)	197.41	
26 01 50 51-0215	EA	120 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED120-5026)	197.41	
26 01 50 51-0216	EA	120 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED120-6026)	197.41	
26 01 50 51-0217	EA	150 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED150-3026)	234.55	
26 01 50 51-0218	EA	150 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED150-4026)	234.55	
26 01 50 51-0219	EA	150 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED150-5026)	234.55	
26 01 50 51-0220	EA	150 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED150-6026)	234.55	
26 01 50 51-0221	EA	20 Watt, 4000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED20WPT40KMED-G6)	76.07	
26 01 50 51-0222	EA	20 Watt, 5000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED20WPT50KMED-G6)	82.26	
26 01 50 51-0223	EA	27 Watt, 4000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED27WPT40KMED-G5)	82.26	
26 01 50 51-0224	EA	27 Watt, 5000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED27WPT50KMED-G5)	76.07	
26 01 50 51-0225	EA	36 Watt, 4000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED36WPT40KMED-G5)	95.52	
26 01 50 51-0226	EA	36 Watt, 5000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED36WPT50KMED-G5)	87.57	
26 01 50 51-0227	EA	45 Watt, 4000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED45WPT40KMED-G5)	105.25	
26 01 50 51-0228	EA	45 Watt, 5000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED45WPT50KMED-G5)	104.21	
26 01 50 51-0229	EA	54 Watt, 4000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED54WPT40KMED-G5)	106.58	
26 01 50 51-0230	EA	54 Watt, 5000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED54WPT50KMED-G5)	106.58	
26 01 50 51-0231	EA	27 Watt, 4000K CCT, Medium Base E26, LED Lamp (EiKO industries LED27WPT40KMED-G7)	64.60	
26 01 50 51-0232	EA	27 Watt, 5000K CCT, Medium Base E26, LED Lamp (EiKO industries LED27WPT50KMED-G7)	64.60	
26 01 50 51-0233	EA	36 Watt, 4000K CCT, Medium Base E26, LED Lamp (EiKO industries LED36WPT40KMED-G7)	72.78	
26 01 50 51-0234	EA	36 Watt, 5000K CCT, Medium Base E26, LED Lamp (EiKO industries LED36WPT50KMED-G7)	72.78	
26 01 50 51-0235	EA	45 Watt, 4000K CCT, Medium Base E26, LED Lamp (EiKO industries LED45WPT40KMED-G7)	78.22	
26 01 50 51-0236	EA	45 Watt, 5000K CCT, Medium Base E26, LED Lamp (EiKO industries LED45WPT50KMED-G7)	78.22	
26 01 50 51-0237	EA	54 Watt, 4000K CCT, Medium Base E26, LED Lamp (EiKO industries LED54WPT40KMED-G7)	86.39	
26 01 50 51-0238	EA	54 Watt, 5000K CCT, Medium Base E26, LED Lamp (EiKO industries LED54WPT50KMED-G7)	86.39	
26 01 50 51-0239	EA	20 Watt, 5500K CCT, Medium Base E26, LED Lamp (Olympic CL-20W8-55K-E26)	86.81	
26 01 50 51-0240	EA	30 Watt, 5500K CCT, Medium Base E26, LED Lamp (Olympic CL-30W8-55K-E26)	94.07	
26 01 50 51-0241	EA	40 Watt, 5500K CCT, Medium Base E26, LED Lamp (Olympic CL-40W8-55K-E26)	116.97	
26 01 50 51-0242	EA	50 Watt, 5500K CCT, Medium Base E26, LED Lamp (Olympic CL-50W8-55K-E26)	128.82	
26 01 50 51-0243	EA	10 Watt, 5500K CCT, Medium Base E26, Compact LED Lamp (Olympic CCL-10W12-55K-E26)	50.73	
26 01 50 51-0244	EA	15 Watt, 5500K CCT, Medium Base E26, Compact LED Lamp (Olympic CCL-15W12-55K-E26)	57.10	
26 01 50 51-0245	EA	20 Watt, 5500K CCT, Medium Base E26, Compact LED Lamp (Olympic CCL-20W12-55K-E26)	60.28	
26 01 50 51-0246	EA	25 Watt, 5500K CCT, Medium Base E26, Compact LED Lamp (Olympic CCL-25W12-55K-E26)	66.21	
26 01 50 51-0247	EA	15 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Neptun LED-N148015-UNV)	79.58	
26 01 50 51-0248	EA	20 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Neptun LED-N148020-UNV)	93.19	
26 01 50 51-0249	EA	25 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Neptun LED-N148025-UNV)	127.20	
26 01 50 51-0250	EA	30 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Neptun LED-N148030-UNV)	134.00	
26 01 50 51-0251	EA	35 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Neptun LED-N148035-UNV)	144.89	
26 01 50 51-0252	EA	40 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Neptun LED-N148040-UNV)	151.69	
26 01 50 51-0253	EA	60 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Neptun LED-N148060-UNV)	218.35	
26 01 50 51-0254	EA	20 Watt, 5000K CCT, 120-277 Volt, E26 (Medium) Base, LED Retrofit Omni-Directional Lamp (HYLITE HL-IOD-20W-E26-50K)	68.52	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 51-0255		**HID LED Lamps, Mogul Base E39 Or EX39** *(26 01 50 51-0101)*		
26 01 50 51-0256	EA	120 Watt, 2700K CCT, Mogul Base EX39, HID LED Lamp (Green Creative 120HID/827/277V/EX39)	208.86	
26 01 50 51-0257	EA	120 Watt, 5000K CCT, Mogul Base EX39, HID LED Lamp (Green Creative 120HID/850/277V/EX39)	208.86	
26 01 50 51-0258	EA	120 Watt, 5700 CCT, Mogul Base EX39, HID LED Lamp (Green Creative 120HID/857/277V/EX39)	208.86	
26 01 50 51-0259	EA	27 Watt, 3000K CCT, Mogul Base E39, LED Lamp (Green Creative 27HID/830/277V/EX39)	61.51	
26 01 50 51-0260	EA	27 Watt, 4000K CCT, Mogul Base E39, LED Lamp (Green Creative 27HID/840/277V/EX39/R)	61.51	
26 01 50 51-0261	EA	27 Watt, 5000K CCT, Mogul Base E39, LED Lamp (Green Creative 27HID/850/277V/EX39)	61.51	
26 01 50 51-0262	EA	45 Watt, 3000K CCT, Mogul Base E39, LED Lamp (Green Creative 45HID/830/277V/EX39)	77.86	
26 01 50 51-0263	EA	45 Watt, 4000K CCT, Mogul Base E39, LED Lamp (Green Creative 45HID/840/277V/EX39/R)	77.86	
26 01 50 51-0264	EA	45 Watt, 5000K CCT, Mogul Base E39, LED Lamp (Green Creative 45HID/850/277V/EX39)	77.86	
26 01 50 51-0265	EA	80 Watt, 5000K CCT, Mogul Base E39, LED Lamp (Green Creative 80HID/850/277V/EX39)	144.19	
26 01 50 51-0266	EA	80 Watt, 3000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED80-3039)	161.15	
26 01 50 51-0267	EA	80 Watt, 4000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED80-4039)	161.15	
26 01 50 51-0268	EA	80 Watt, 5000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED80-5039)	161.15	
26 01 50 51-0269	EA	80 Watt, 6000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED80-6039)	161.15	
26 01 50 51-0270	EA	100 Watt, 3000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED100-3039)	166.46	
26 01 50 51-0271	EA	100 Watt, 4000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED100-4039)	166.46	
26 01 50 51-0272	EA	100 Watt, 5000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED100-5039)	166.46	
26 01 50 51-0273	EA	100 Watt, 6000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED100-6039)	166.46	
26 01 50 51-0274	EA	120 Watt, 3000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED120-3039)	197.41	
26 01 50 51-0275	EA	120 Watt, 4000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED120-4039)	197.41	
26 01 50 51-0276	EA	120 Watt, 5000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED120-5039)	197.41	
26 01 50 51-0277	EA	120 Watt, 6000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED120-6039)	197.41	
26 01 50 51-0278	EA	150 Watt, 3000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED150-3039)	234.55	
26 01 50 51-0279	EA	150 Watt, 4000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED150-4039)	234.55	
26 01 50 51-0280	EA	150 Watt, 5000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED150-5039)	234.55	
26 01 50 51-0281	EA	150 Watt, 6000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED150-6039)	234.55	
26 01 50 51-0282	EA	27 Watt, 4000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED27WPT40KMOG-G5)	82.26	
26 01 50 51-0283	EA	27 Watt, 5000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED27WPT50KMOG-G5)	82.26	
26 01 50 51-0284	EA	36 Watt, 4000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED36WPT40KMOG-G5)	95.52	
26 01 50 51-0285	EA	36 Watt, 5000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED36WPT50KMOG-G5)	94.30	
26 01 50 51-0286	EA	45 Watt, 4000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED45WPT40KMOG-G5)	105.25	
26 01 50 51-0287	EA	45 Watt, 5000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED45WPT50KMOG-G5)	104.21	
26 01 50 51-0288	EA	54 Watt, 4000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED54WPT40KMOG-G5)	106.58	
26 01 50 51-0289	EA	54 Watt, 5000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED54WPT50KMOG-G5)	103.50	
26 01 50 51-0290	EA	100 Watt, 4000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED100WPT40KMOG-G5)	223.75	
26 01 50 51-0291	EA	20 Watt, 4000K CCT, Mogul Base E39, Horizontal LED Lamp (EiKO industries LED20WPT/180/40KMOG-G7)	82.23	
26 01 50 51-0292	EA	20 Watt, 5000K CCT, Mogul Base E39, Horizontal LED Lamp (EiKO industries LED20WPT/180/50KMOG-G7)	82.23	
26 01 50 51-0293	EA	30 Watt, 4000K CCT, Mogul Base E39, Horizontal LED Lamp (EiKO industries LED30WPT/180/40KMOG-G7)	93.23	
26 01 50 51-0294	EA	30 Watt, 5000K CCT, Mogul Base E39, Horizontal LED Lamp (EiKO industries LED30WPT/180/50KMOG-G7)	93.23	
26 01 50 51-0295	EA	40 Watt, 4000K CCT, Mogul Base E39, Horizontal LED Lamp (EiKO industries LED40WPT/180/40KMOG-G7)	99.85	
26 01 50 51-0296	EA	40 Watt, 5000K CCT, Mogul Base E39, Horizontal LED Lamp (EiKO industries LED40WPT/180/50KMOG-G7)	99.85	
26 01 50 51-0297	EA	27 Watt, 4000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED27WPT40KMOG-G7)	64.49	
26 01 50 51-0298	EA	27 Watt, 5000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED27WPT50KMOG-G7)	64.49	
26 01 50 51-0299	EA	36 Watt, 4000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED36WPT40KMOG-G7)	72.78	
26 01 50 51-0300	EA	36 Watt, 5000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED36WPT50KMOG-G7)	72.78	
26 01 50 51-0301	EA	45 Watt, 4000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED45WPT40KMOG-G7)	78.22	
26 01 50 51-0302	EA	45 Watt, 5000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED45WPT50KMOG-G7)	78.22	
26 01 50 51-0303	EA	54 Watt, 4000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED54WPT40KMOG-G7)	86.39	
26 01 50 51-0304	EA	54 Watt, 5000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED54WPT50KMOG-G7)	86.39	
26 01 50 51-0305	EA	65 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-65W8-55K-E39)	155.26	
26 01 50 51-0306	EA	80 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-80W8-55K-E39)	179.49	
26 01 50 51-0307	EA	100 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-100W8-55K-E39)	213.98	
26 01 50 51-0308	EA	120 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-120W8-55K-E39)	417.06	
26 01 50 51-0309	EA	150 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-150W8-55K-E39)	393.87	
26 01 50 51-0310	EA	200 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-200W8-55K-E39)	417.06	
26 01 50 51-0311	EA	250 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-250W8-55K-E39)	418.87	
26 01 50 51-0312	EA	24 Watt, 3000K CCT, Mogul Base E39, LED Lamp (Light Efficient Design LED-8029M30-A)	64.09	
26 01 50 51-0313	EA	24 Watt, 4000K CCT, Mogul Base E39, LED Lamp (Light Efficient Design LED-8029M40-A)	64.09	
26 01 50 51-0314	EA	24 Watt, 5700K CCT, Mogul Base E39, LED Lamp (Light Efficient Design LED-8029M57-A)	64.09	
26 01 50 51-0315	EA	100 Watt, Mogul Base E39, LED Area Lamp (MaxLite AR100LED50)	188.48	
26 01 50 51-0316	EA	115 Watt, 4000K CCT, Mogul Base EX39, HID LED Lamp (Keystone KT-LED115HID-V-EX39-840-D)	422.92	
26 01 50 51-0317	EA	40 Watt, 120-277 Volt, 5000K CCT, E39 Base, LED Arc-Cob Lamp (HYLITE HL-AC-40W-E39-50K)	180.47	
26 01 50 51-0318	EA	100 Watt, 480 Volt, 5000K CCT, E39 Base, LED Omni-Cob Lamp (HYLITE HL-OC-100W-E39-50K)	212.47	
26 01 50 51-0319	EA	45 Watt, 120-277 Volt, 5000K CCT, E39 Base, LED Omni-Cob Lamp (HYLITE HL-OC-45W-E39-50K)	94.11	
26 01 50 51-0320	EA	40 Watt, 5680 Lumens, Mogul Base E39, LED Directional Flood Lamp (HYLITE HL-IDL-40W-E39-50K)	294.99	
26 01 50 51-0321		**LED Lamps, 2G11 Base** *(26 01 50 51-0101)*		
26 01 50 51-0322	EA	19 Watt, 1550 Lumens, 3500K CCT, 2G11 Base, Dimmable LED Lamp (Green Creative 14.5PLL/835/DIR)	49.71	
26 01 50 51-0323		**LED Lamps, GX23 Or G23 Base** *(26 01 50 51-0101)*		
26 01 50 51-0324	EA	5 Watt, 580 Lumens, 2 Pin GX23 Base, Dimmable LED Lamp (Lunera HN-H-GX23-U-5W-840-G4)	24.52	
26 01 50 51-0325		**LED Lamps, G24 Base** *(26 01 50 51-0101)*		
26 01 50 51-0326	EA	5.5 Watt, 500 Lumens, G24 Base, LED Lamp (Green Creative 5.5PLH/835/DIR/R)	31.82	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 51-0327		LED Tubes (Fluorescent Lamp Replacement) *(26 01 50 51-0101)*		
26 01 50 51-0328	EA	2', 1,250 Lumens, 4000K CCT, LED Tube (T8 Fluorescent Lamp Replacement) (Remphos RPT-TOTALTUBEG2-T8-24IN-4000K)	43.65	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.40*	
26 01 50 51-0329	EA	2', 1,900 Lumens, 4000K CCT, LED Tube (T8 Fluorescent Lamp Replacement) (Remphos RPT-TOTALTUBEG2-T8-24INU-4000K)	56.77	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.40*	
26 01 50 51-0330	EA	3', 1,900 Lumens, 4000K CCT, LED Tube (T8 Fluorescent Lamp Replacement) (Remphos RPT-TOTALTUBEG2-T8-36IN-4000K)	47.03	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.61*	
26 01 50 51-0331	EA	4', 1,900 Lumens, 4000K CCT, LED Tube (T8 Fluorescent Lamp Replacement) (Remphos RPT-TOTALTUBEG2-T8-48IN-4000K)	51.50	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.82*	
26 01 50 51-0332	EA	4', 2,200 Lumens, 4000K CCT, LED Tube (T8 Fluorescent Lamp Replacement) (Remphos RPT-TOTALTUBEG2HO-T8-48IN-4000K)	56.42	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.82*	
26 01 50 51-0333	EA	4', 2,539 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Carson Technology CT-D02018TBN)	35.49	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.82*	
26 01 50 51-0334	EA	2', 1,348 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Carson Technology CT-D02010TBN)	34.20	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.40*	
26 01 50 51-0335	EA	2', 1,100 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Sylvania LED9T8/L24/FG/835/BF)	31.16	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.40*	
26 01 50 51-0336	EA	3', 1,650 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Sylvania LED12T8/L36/FG/835/BF)	31.71	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.61*	
26 01 50 51-0337	EA	4', 1,700 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Sylvania LED14T8/L48/FG/835/BF)	31.71	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.82*	
26 01 50 51-0338	EA	4', 2,100 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Sylvania LED17T8/L48/FG/835/BF)	32.87	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.82*	
26 01 50 51-0339		Filament LED Lamps *(26 01 50 51-0101)*		
26 01 50 51-0340	EA	7.5 Watt, 2700K CCT, Clear A19 Filament LED Lamp (Green Creative 7.5FA19DIM/827)	20.10	
26 01 50 51-0341	EA	4.5 Watt, 2700K CCT, Clear A19 Filament LED Lamp (Green Creative 4.5A19DIM/827/R)	20.10	
26 01 50 51-0342	EA	4.5 Watt, 2700K CCT, Clear A19 Filament LED Lamp (Green Creative 4.5FA19DIM/827)	19.22	
26 01 50 51-0343	EA	4.5 Watt, 2400 CCT, Amber A19 Filament LED Lamp (Green Creative 4.5FA19DIM/824/A)	19.22	
26 01 50 51-0344	EA	4.5 Watt, 2700K CCT, Clear G25 Globe Filament LED Lamp (Green Creative 4.5FG25DIM/827)	20.63	
26 01 50 51-0345	EA	4.5 Watt, 2400 CCT, Amber G25 Globe Filament LED Lamp (Green Creative 4.5FG25DIM/824/A)	20.63	
26 01 50 51-0346	EA	3.5 Watt, 2700K CCT, Clear B10 Candle Filament LED Lamp (Green Creative 3.5FB10DIM/827)	17.45	
26 01 50 51-0347	EA	3.5 Watt, 2700K CCT, Clear B11 Candle Filament LED Lamp (Green Creative 3.5FB11DIM/827/E26)	17.45	
26 01 50 51-0348	EA	3.5 Watt, 2400 CCT, Amber B10 Candle Filament LED Lamp (Green Creative 3.5FBA10DIM/824/FT/A)	17.98	
26 01 50 51-0349	EA	3.5 Watt, 2400 CCT, Amber ST19 Filament LED Lamp (Green Creative 5FST19DIM/824/A)	21.87	
26 01 50 51-0350	EA	4.5 Watt, 120 Volt 450 Lumens ULTRA LED Filament Lamp (Sylvania 79521)	23.77	
26 01 50 51-0351		Other Lamps *(26 01 50 51-0101)*		
26 01 50 51-0352	EA	8 Watt, Medium Base, A19, A-Shape Dimmable LED Lamp (Philips 8A19/END/2700 DIM 6/1)	19.08	
26 01 50 51-0353	EA	8 Watt, Medium Base, A19, A-Shape Dimmable LED Lamp (Philips 7A19/2700 DIM)	19.08	
26 01 50 51-0354	EA	11 Watt, Medium Base, A19, A-Shape Dimmable LED Lamp (Philips 11A19/2700 DIM)	19.08	
26 01 50 51-0355	EA	12 Watt, Medium Base, Dimmable BR40 LED Lamp (Philips 12BR40/F90 2700 DIM AF 6/1)	19.96	
26 01 50 51-0356	EA	13 Watt, Medium Base, Dimmable PAR38 LED Single Optic Lamp (Philips 13PAR38/S15 4000 DIM AF SO 6/1)	19.96	
26 01 50 51-0357	EA	8 Watt, Medium Base, Dimmable PAR20 LED Lamp (Philips 8PAR20/END/F36 3000 DIM 6/1)	19.96	
26 01 50 51-0358	EA	24 Watt (100 Watt Incandescent Equivalent), Medium Base, LED Lamp (LED-8029-DL)	427.08	
26 01 50 51-0359		LED Lamps, Light Engines, Round, LER Series *(26 01 50 51-0101)*		
26 01 50 51-0360	EA	5.5" Diameter, 17 Watt, 3000K CCT, Round LED Light Engine (Maxlite LER5.5A1730)	57.37	
26 01 50 51-0361	EA	9 Watt, 120 Volt, 800 Lumens, 2700K, Omnidirectional Ultra LED A-line Lamp (Sylvania LED9A19/DIM/O/827/U)	33.08	
26 01 50 51-0362		Remove Hazardous Lamps From Fixture For Recycling *(26 01 50 51)* Note: Excludes containers, shipping costs and recycling fees. See CSI section 26 01 50 51-0371 for recycling hazardous lamps.		
26 01 50 51-0363	EA	Removal Of 2' Length Linear Fluorescent Lamps	4.51	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-1.49*	
26 01 50 51-0364	EA	Removal Of 3' Length Linear Fluorescent Lamps	5.15	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-1.70*	
26 01 50 51-0365	EA	Removal Of 4' Length Linear Fluorescent Lamps	5.79	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-1.91*	
26 01 50 51-0366	EA	Removal Of 6' Length Linear Fluorescent Lamps	6.44	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-2.13*	
26 01 50 51-0367	EA	Removal Of 8' Length Linear Fluorescent Lamps	7.08	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-2.34*	
26 01 50 51-0368	EA	Removal Of Compact Fluorescent Lamps	3.86	
		For >25 To 40, Deduct	*-0.39*	
		For >40, Deduct	*-0.77*	
26 01 50 51-0369	EA	Removal Of U-Shaped Or Circular Fluorescent Lamps	6.12	
		For >25 To 40, Deduct	*-0.61*	
		For >40, Deduct	*-1.22*	
26 01 50 51-0370	EA	Removal Of High Intensity Discharge (HID) Or Metal Halide Lamps	10.95	
		For >25 To 40, Deduct	*-1.10*	
		For >40, Deduct	*-2.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 51-0371		Recycle Hazardous Lamps *(26 01 50 51)* Note: Includes containers, shipping costs and recycling fees. Excludes lamp removal. See CSI section 26 01 50 51-0001 for removal of lamps from fixtures.		
26 01 50 51-0372	EA	Recycle 2' Length Linear Fluorescent Lamps	1.79	
26 01 50 51-0373	EA	Recycle 3' Length Linear Fluorescent Lamps	2.29	
26 01 50 51-0374	EA	Recycle 4' Length Linear Fluorescent Lamps	2.79	
26 01 50 51-0375	EA	Recycle 6' Length Linear Fluorescent Lamps	3.95	
26 01 50 51-0376	EA	Recycle 8' Length Linear Fluorescent Lamps	4.95	
26 01 50 51-0377	EA	Recycle Compact Fluorescent Lamps	4.56	
26 01 50 51-0378	EA	Recycle U-Shaped Or Circular Fluorescent Lamps	4.56	
26 01 50 51-0379	EA	Recycle High Intensity Discharge (HID) Lamps	7.20	
26 01 50 52		**Ballasts Replacement** *(26 01 50)*		
26 01 50 52-0001		Lighting Ballasts *(26 01 50 52)* Note: Excludes recycling fees. See CSI section 02 84 16 00-0003 for ballast recycling.		
26 01 50 52-0002		Fluorescent Ballasts *(26 01 50 52-0001)*		
26 01 50 52-0003		T5 Fluorescent Ballasts *(26 01 50 52-0002)*		
26 01 50 52-0004		T5 Fluorescent Electronic Ballasts *(26 01 50 52-0003)* Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0005		14 Watt, T5 Fluorescent Electronic Ballasts *(26 01 50 52-0004)*		
26 01 50 52-0006	EA	1 Lamp, 14 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	141.42	25.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
		For High Ballast Factor, Add	*8.12*	
26 01 50 52-0007	EA	2 Lamp, 14 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	147.85	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.66*	
		For High Ballast Factor, Add	*8.12*	
26 01 50 52-0008		21 Watt, T5 Fluorescent Electronic Ballasts *(26 01 50 52-0004)*		
26 01 50 52-0009	EA	1 Lamp, 21 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	141.42	25.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
		For High Ballast Factor, Add	*8.12*	
26 01 50 52-0010	EA	2 Lamp, 21 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	147.85	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.66*	
		For High Ballast Factor, Add	*8.12*	
26 01 50 52-0011		28 Watt, T5 Fluorescent Electronic Ballasts *(26 01 50 52-0004)*		
26 01 50 52-0012	EA	1 Lamp, 28 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	141.42	25.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
		For High Ballast Factor, Add	*8.12*	
26 01 50 52-0013	EA	2 Lamp, 28 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	147.85	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.66*	
		For High Ballast Factor, Add	*8.12*	
26 01 50 52-0014		35 Watt, T5 Fluorescent Electronic Ballasts *(26 01 50 52-0004)*		
26 01 50 52-0015	EA	1 Lamp, 35 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	141.42	25.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
26 01 50 52-0016	EA	2 Lamp, 35 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	147.85	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.66*	
26 01 50 52-0017		54 Watt, T5 Fluorescent Electronic Ballasts *(26 01 50 52-0004)*		
26 01 50 52-0018	EA	1 Lamp, 54 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	141.25	25.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
26 01 50 52-0019	EA	2 Lamp, 54 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	147.68	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.66*	
26 01 50 52-0020	EA	3 Lamp, 54 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	202.69	38.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.59*	
26 01 50 52-0021	EA	4 Lamp, 54 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	209.13	45.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 01 50 52-0022		High-Output, T5HO Fluorescent Electronic Ballasts *(26 01 50 52-0003)* Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0023		12 Watt, High-Output, T5HO Fluorescent Electronic Ballasts *(26 01 50 52-0022)*		
26 01 50 52-0024	EA	1 Lamp, 12 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast	118.35	25.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
26 01 50 52-0025	EA	2 Lamp, 12 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast	124.78	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.66*	
26 01 50 52-0026		24 Watt, High-Output, T5HO Fluorescent Electronic Ballasts *(26 01 50 52-0022)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0027	EA	1 Lamp, 24 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast	155.22	25.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
26 01 50 52-0028	EA	2 Lamp, 24 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast	161.65	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.66*	
26 01 50 52-0029		**39 Watt, High-Output, T5HO Fluorescent Electronic Ballasts** *(26 01 50 52-0022)*		
26 01 50 52-0030	EA	1 Lamp, 39 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast	155.22	25.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
26 01 50 52-0031	EA	2 Lamp, 39 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast	161.65	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.66*	
26 01 50 52-0032		**54 Watt, High-Output, T5HO Fluorescent Electronic Ballasts** *(26 01 50 52-0022)*		
26 01 50 52-0033	EA	1 Lamp, 54 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast	118.35	25.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
26 01 50 52-0034	EA	2 Lamp, 54 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast	124.78	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.66*	
26 01 50 52-0035		**Dimming, T5 Fluorescent Electronic Ballasts** *(26 01 50 52-0003)*		
26 01 50 52-0036		**Step Dimming, T5 Fluorescent Electronic Ballasts** *(26 01 50 52-0035)* Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0037		**28 Watt, Step Dimming, T5 Fluorescent Electronic Ballast** *(26 01 50 52-0036)*		
26 01 50 52-0038	EA	2 Lamp, 28 Watt, Programmed Start, Step Dimming, T5 Fluorescent Electronic Ballast	127.63	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.66*	
26 01 50 52-0039		**Dimming To 5%, T5 Fluorescent Electronic Ballasts** *(26 01 50 52-0035)* Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0040		**54 Watt, Dimming To 5%, High-Output, T5HO Fluorescent Electronic Ballasts** *(26 01 50 52-0039)*		
26 01 50 52-0041	EA	1 Lamp, 54 Watt, Programmed Start, Dimming To 5%, High-Output, T5HO Fluorescent Electronic Ballast	504.50	25.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
26 01 50 52-0042	EA	2 Lamp, 54 Watt, Programmed Start, Dimming To 5%, High-Output, T5HO Fluorescent Electronic Ballast	496.99	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.66*	
26 01 50 52-0043		**T8 Fluorescent Ballasts** *(26 01 50 52-0002)*		
26 01 50 52-0044		**T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0043)* Note: Includes 120/277 Volt and low or normal ballast factor.		
26 01 50 52-0045		**17 Watt, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0044)*		
26 01 50 52-0046	EA	1 Lamp, 17 Watt, Instant Start, T8 Fluorescent Electronic Ballast	61.08	25.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
		For High Ballast Factor, Add	*19.75*	
26 01 50 52-0047	EA	1 Lamp, 17 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	108.61	25.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
		For High Ballast Factor, Add	*12.99*	
26 01 50 52-0048	EA	2 Lamp, 17 Watt, Instant Start, T8 Fluorescent Electronic Ballast	67.51	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.66*	
		For High Ballast Factor, Add	*19.75*	
26 01 50 52-0049	EA	2 Lamp, 17 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	115.04	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.66*	
		For High Ballast Factor, Add	*12.99*	
26 01 50 52-0050	EA	3 Lamp, 17 Watt, Instant Start, T8 Fluorescent Electronic Ballast	82.30	38.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.59*	
		For High Ballast Factor, Add	*19.23*	
26 01 50 52-0051	EA	3 Lamp, 17 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	128.79	38.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.59*	
		For High Ballast Factor, Add	*11.04*	
26 01 50 52-0052	EA	4 Lamp, 17 Watt, Instant Start, T8 Fluorescent Electronic Ballast	94.16	45.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
		For High Ballast Factor, Add	*48.69*	
26 01 50 52-0053	EA	4 Lamp, 17 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	140.91	45.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
		For High Ballast Factor, Add	*28.42*	
26 01 50 52-0054		**25 Watt, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0044)*		
26 01 50 52-0055	EA	1 Lamp, 25 Watt, Instant Start, T8 Fluorescent Electronic Ballast	61.08	25.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
		For High Ballast Factor, Add	*19.75*	
26 01 50 52-0056	EA	1 Lamp, 25 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	108.61	25.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
		For High Ballast Factor, Add	*12.99*	
26 01 50 52-0057	EA	2 Lamp, 25 Watt, Instant Start, T8 Fluorescent Electronic Ballast	67.51	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.66*	
		For High Ballast Factor, Add	*19.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0058	EA	2 Lamp, 25 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	115.04	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.66*	
		For High Ballast Factor, Add	*12.99*	
26 01 50 52-0059	EA	3 Lamp, 25 Watt, Instant Start, T8 Fluorescent Electronic Ballast	82.30	38.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.59*	
		For High Ballast Factor, Add	*19.23*	
26 01 50 52-0060	EA	3 Lamp, 25 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	128.79	38.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.59*	
		For High Ballast Factor, Add	*11.04*	
26 01 50 52-0061	EA	4 Lamp, 25 Watt, Instant Start, T8 Fluorescent Electronic Ballast	94.16	45.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
		For High Ballast Factor, Add	*48.69*	
26 01 50 52-0062	EA	4 Lamp, 25 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	140.91	45.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
		For High Ballast Factor, Add	*28.42*	
26 01 50 52-0063		**28 Watt, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0044)*		
26 01 50 52-0064	EA	1 Lamp, 28 Watt, Instant Start, T8 Fluorescent Electronic Ballast	61.08	25.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
		For High Ballast Factor, Add	*19.75*	
26 01 50 52-0065	EA	1 Lamp, 28 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	108.61	25.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
		For High Ballast Factor, Add	*12.99*	
26 01 50 52-0066	EA	2 Lamp, 28 Watt, Instant Start, T8 Fluorescent Electronic Ballast	67.51	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.66*	
		For High Ballast Factor, Add	*19.75*	
26 01 50 52-0067	EA	2 Lamp, 28 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	115.04	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.66*	
		For High Ballast Factor, Add	*12.99*	
26 01 50 52-0068	EA	3 Lamp, 28 Watt, Instant Start, T8 Fluorescent Electronic Ballast	82.30	38.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.59*	
		For High Ballast Factor, Add	*19.23*	
26 01 50 52-0069	EA	3 Lamp, 28 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	128.79	38.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.59*	
		For High Ballast Factor, Add	*11.04*	
26 01 50 52-0070	EA	4 Lamp, 28 Watt, Instant Start, T8 Fluorescent Electronic Ballast	94.16	45.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
		For High Ballast Factor, Add	*48.69*	
26 01 50 52-0071	EA	4 Lamp, 28 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	140.91	45.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
		For High Ballast Factor, Add	*28.42*	
26 01 50 52-0072		**32 Watt, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0044)*		
26 01 50 52-0073	EA	1 Lamp, 32 Watt, Instant Start, T8 Fluorescent Electronic Ballast	61.08	25.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
		For High Ballast Factor, Add	*19.75*	
26 01 50 52-0074	EA	1 Lamp, 32 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	108.61	25.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
		For High Ballast Factor, Add	*12.99*	
26 01 50 52-0075	EA	2 Lamp, 32 Watt, Instant Start, T8 Fluorescent Electronic Ballast	67.51	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.66*	
		For High Ballast Factor, Add	*19.75*	
26 01 50 52-0076	EA	2 Lamp, 32 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	115.04	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.66*	
		For High Ballast Factor, Add	*12.99*	
26 01 50 52-0077	EA	3 Lamp, 32 Watt, Instant Start, T8 Fluorescent Electronic Ballast	82.30	38.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.59*	
		For High Ballast Factor, Add	*19.23*	
26 01 50 52-0078	EA	3 Lamp, 32 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	128.79	38.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.59*	
		For High Ballast Factor, Add	*11.04*	
26 01 50 52-0079	EA	4 Lamp, 32 Watt, Instant Start, T8 Fluorescent Electronic Ballast	94.16	45.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
		For High Ballast Factor, Add	*48.69*	
26 01 50 52-0080	EA	4 Lamp, 32 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	140.91	45.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
		For High Ballast Factor, Add	*28.42*	
26 01 50 52-0081		**40 Watt, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0044)*		
26 01 50 52-0082	EA	1 Lamp, 40 Watt, Instant Start, T8 Fluorescent Electronic Ballast	98.54	25.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
		For High Ballast Factor, Add	*8.45*	
26 01 50 52-0083	EA	1 Lamp, 40 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	108.61	25.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
		For High Ballast Factor, Add	*12.99*	
26 01 50 52-0084	EA	2 Lamp, 40 Watt, Instant Start, T8 Fluorescent Electronic Ballast	104.97	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.66*	
		For High Ballast Factor, Add	*8.45*	
26 01 50 52-0085	EA	2 Lamp, 40 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	115.04	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.66*	
		For High Ballast Factor, Add	*12.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0086	EA	3 Lamp, 40 Watt, Instant Start, T8 Fluorescent Electronic Ballast	131.22	38.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.59*	
		For High Ballast Factor, Add	*5.20*	
26 01 50 52-0087	EA	3 Lamp, 40 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	128.79	38.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.59*	
26 01 50 52-0088	EA	4 Lamp, 40 Watt, Instant Start, T8 Fluorescent Electronic Ballast	137.66	45.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
		For High Ballast Factor, Add	*5.20*	
26 01 50 52-0089	EA	4 Lamp, 40 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	140.91	45.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 01 50 52-0090		**96 Watt, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0044)*		
26 01 50 52-0091	EA	1 Lamp, 96 Watt, Instant Start, T8 Fluorescent Electronic Ballast	118.35	25.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
		For High Ballast Factor, Add	*18.09*	
26 01 50 52-0092	EA	2 Lamp, 96 Watt, Instant Start, T8 Fluorescent Electronic Ballast	124.78	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.66*	
		For High Ballast Factor, Add	*18.09*	
26 01 50 52-0093		**High-Output, T8HO Fluorescent Electronic Ballasts** *(26 01 50 52-0043)* Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0094		**48 Watt, High-Output, T8HO Fluorescent Electronic Ballasts** *(26 01 50 52-0093)*		
26 01 50 52-0095	EA	1 Lamp, 48 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	143.85	25.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
26 01 50 52-0096	EA	1 Lamp, 48 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	187.90	25.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
26 01 50 52-0097	EA	2 Lamp, 48 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	150.28	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.66*	
26 01 50 52-0098	EA	2 Lamp, 48 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	194.33	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.66*	
26 01 50 52-0099		**60 Watt, High-Output, T8HO Fluorescent Electronic Ballasts** *(26 01 50 52-0093)*		
26 01 50 52-0100	EA	1 Lamp, 60 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	143.85	25.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
26 01 50 52-0101	EA	1 Lamp, 60 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	187.90	25.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
26 01 50 52-0102	EA	2 Lamp, 60 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	150.28	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.66*	
26 01 50 52-0103	EA	2 Lamp, 60 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	194.33	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.66*	
26 01 50 52-0104		**72 Watt, High-Output, T8HO Fluorescent Electronic Ballasts** *(26 01 50 52-0093)*		
26 01 50 52-0105	EA	1 Lamp, 72 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	143.85	25.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
26 01 50 52-0106	EA	1 Lamp, 72 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	187.90	25.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
26 01 50 52-0107	EA	2 Lamp, 72 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	150.28	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.66*	
26 01 50 52-0108	EA	2 Lamp, 72 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	194.33	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.66*	
26 01 50 52-0109		**96 Watt, High-Output, T8HO Fluorescent Electronic Ballasts** *(26 01 50 52-0093)*		
26 01 50 52-0110	EA	1 Lamp, 96 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	143.85	25.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
26 01 50 52-0111	EA	1 Lamp, 96 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	187.90	25.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
26 01 50 52-0112	EA	2 Lamp, 96 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	150.28	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.66*	
26 01 50 52-0113	EA	2 Lamp, 96 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	194.33	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.66*	
26 01 50 52-0114		**Dimming, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0043)*		
26 01 50 52-0115		**Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0114)* Note: Includes 120/277 Volt and high ballast factor.		
26 01 50 52-0116		**17 Watt, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0115)*		
26 01 50 52-0117	EA	1 Lamp, 17 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	71.96	25.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
26 01 50 52-0118	EA	2 Lamp, 17 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	78.39	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.66*	
26 01 50 52-0119	EA	3 Lamp, 17 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	90.31	38.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.59*	
26 01 50 52-0120	EA	4 Lamp, 17 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	108.92	45.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0121	EA	5 Lamp, 17 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	163.85	51.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.46*	
26 01 50 52-0122	EA	6 Lamp, 17 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	170.29	57.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.39*	
26 01 50 52-0123		**25 Watt, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0115)*		
26 01 50 52-0124	EA	1 Lamp, 25 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	71.96	25.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
26 01 50 52-0125	EA	2 Lamp, 25 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	78.39	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.66*	
26 01 50 52-0126	EA	3 Lamp, 25 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	90.31	38.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.59*	
26 01 50 52-0127	EA	4 Lamp, 25 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	108.92	45.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 01 50 52-0128	EA	5 Lamp, 25 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	163.85	51.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.46*	
26 01 50 52-0129	EA	6 Lamp, 25 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	170.29	57.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.39*	
26 01 50 52-0130		**28 Watt, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0115)*		
26 01 50 52-0131	EA	1 Lamp, 28 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	71.96	25.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
26 01 50 52-0132	EA	2 Lamp, 28 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	78.39	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.66*	
26 01 50 52-0133	EA	3 Lamp, 28 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	90.31	38.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.59*	
26 01 50 52-0134	EA	4 Lamp, 28 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	108.92	45.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 01 50 52-0135	EA	5 Lamp, 28 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	163.85	51.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.46*	
26 01 50 52-0136	EA	6 Lamp, 28 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	170.29	57.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.39*	
26 01 50 52-0137		**32 Watt, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0115)*		
26 01 50 52-0138	EA	1 Lamp, 32 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	71.96	25.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
26 01 50 52-0139	EA	2 Lamp, 32 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	78.39	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.66*	
26 01 50 52-0140	EA	3 Lamp, 32 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	90.31	38.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.59*	
26 01 50 52-0141	EA	4 Lamp, 32 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	108.92	45.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 01 50 52-0142	EA	5 Lamp, 32 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	163.85	51.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.46*	
26 01 50 52-0143	EA	6 Lamp, 32 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	170.29	57.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.39*	
26 01 50 52-0144		**40 Watt, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0115)*		
26 01 50 52-0145	EA	1 Lamp, 40 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	71.96	25.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
26 01 50 52-0146	EA	2 Lamp, 40 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	78.39	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.66*	
26 01 50 52-0147	EA	3 Lamp, 40 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	90.31	38.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.59*	
26 01 50 52-0148	EA	4 Lamp, 40 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	108.92	45.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 01 50 52-0149	EA	5 Lamp, 40 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	163.85	51.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.46*	
26 01 50 52-0150	EA	6 Lamp, 40 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	170.29	57.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.39*	
26 01 50 52-0151		**Step Dimming, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0114)* Note: Includes 120/277 Volt and high ballast factor.		
26 01 50 52-0152		**17 Watt, Step Dimming, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0151)*		
26 01 50 52-0153	EA	1 Lamp, 17 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	71.96	25.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
26 01 50 52-0154	EA	2 Lamp, 17 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	78.39	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.66*	
26 01 50 52-0155	EA	3 Lamp, 17 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	87.86	38.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.59*	
26 01 50 52-0156	EA	4 Lamp, 17 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	108.92	45.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 01 50 52-0157	EA	5 Lamp, 17 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	156.09	51.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.46*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0158	EA	6 Lamp, 17 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	162.53	57.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.39*	

26 01 50 52-0159 25 Watt, Step Dimming, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0151)*

26 01 50 52-0160	EA	1 Lamp, 25 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	71.96	25.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
26 01 50 52-0161	EA	2 Lamp, 25 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	78.39	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.66*	
26 01 50 52-0162	EA	3 Lamp, 25 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	87.86	38.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.59*	
26 01 50 52-0163	EA	4 Lamp, 25 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	108.92	45.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 01 50 52-0164	EA	5 Lamp, 25 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	156.09	51.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.46*	
26 01 50 52-0165	EA	6 Lamp, 25 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	162.53	57.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.39*	

26 01 50 52-0166 28 Watt, Step Dimming, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0151)*

26 01 50 52-0167	EA	1 Lamp, 28 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	71.96	25.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
26 01 50 52-0168	EA	2 Lamp, 28 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	78.39	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.66*	
26 01 50 52-0169	EA	3 Lamp, 28 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	87.86	38.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.59*	
26 01 50 52-0170	EA	4 Lamp, 28 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	108.92	45.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 01 50 52-0171	EA	5 Lamp, 28 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	156.09	51.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.46*	
26 01 50 52-0172	EA	6 Lamp, 28 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	162.53	57.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.39*	

26 01 50 52-0173 32 Watt, Step Dimming, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0151)*

26 01 50 52-0174	EA	1 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	71.96	25.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
26 01 50 52-0175	EA	2 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	78.39	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.66*	
26 01 50 52-0176	EA	3 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	87.86	38.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.59*	
26 01 50 52-0177	EA	4 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	108.92	45.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 01 50 52-0178	EA	5 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	156.09	51.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.46*	
26 01 50 52-0179	EA	6 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	162.53	57.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.39*	

26 01 50 52-0180 40 Watt, Step Dimming, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0151)*

26 01 50 52-0181	EA	1 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	71.96	25.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
26 01 50 52-0182	EA	2 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	78.39	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.66*	
26 01 50 52-0183	EA	3 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	87.86	38.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.59*	
26 01 50 52-0184	EA	4 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	108.92	45.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 01 50 52-0185	EA	5 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	156.09	51.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.46*	
26 01 50 52-0186	EA	6 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	162.53	57.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.39*	

26 01 50 52-0187 Dimming To 3%, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0114)*

Note: Includes 120/277 Volt and normal ballast factor.

26 01 50 52-0188 17 Watt, Dimming To 3%, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0187)*

26 01 50 52-0189	EA	1 Lamp, 17 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	177.64	25.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
26 01 50 52-0190	EA	2 Lamp, 17 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	184.07	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.66*	
26 01 50 52-0191	EA	3 Lamp, 17 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	219.91	38.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.59*	
26 01 50 52-0192	EA	4 Lamp, 17 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	226.35	45.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	

26 01 50 52-0193 25 Watt, Dimming To 3%, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0187)*

26 01 50 52-0194	EA	1 Lamp, 25 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	177.64	25.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
26 01 50 52-0195	EA	2 Lamp, 25 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	184.07	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0196	EA	3 Lamp, 25 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	219.91	38.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.59*	
26 01 50 52-0197	EA	4 Lamp, 25 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	226.35	45.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 01 50 52-0198		**28 Watt, Dimming To 3%, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0187)*		
26 01 50 52-0199	EA	1 Lamp, 28 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	177.64	25.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
26 01 50 52-0200	EA	2 Lamp, 28 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	184.07	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.66*	
26 01 50 52-0201	EA	3 Lamp, 28 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	219.91	38.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.59*	
26 01 50 52-0202	EA	4 Lamp, 28 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	226.35	45.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 01 50 52-0203		**32 Watt, Dimming To 3%, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0187)*		
26 01 50 52-0204	EA	1 Lamp, 32 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	177.64	25.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
26 01 50 52-0205	EA	2 Lamp, 32 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	184.07	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.66*	
26 01 50 52-0206	EA	3 Lamp, 32 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	219.91	38.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.59*	
26 01 50 52-0207	EA	4 Lamp, 32 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	226.35	45.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 01 50 52-0208		**T10 Fluorescent Ballasts** *(26 01 50 52-0002)*		
26 01 50 52-0209		**T10 Fluorescent Electronic Ballasts** *(26 01 50 52-0208)* Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0210		**40 Watt, T10 Fluorescent Electronic Ballasts** *(26 01 50 52-0209)*		
26 01 50 52-0211	EA	1 Lamp, 40 Watt, Program/Rapid Start, T10 Fluorescent Electronic Ballast	87.17	25.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
26 01 50 52-0212	EA	2 Lamp, 40 Watt, Program/Rapid Start, T10 Fluorescent Electronic Ballast	93.60	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.66*	
26 01 50 52-0213	EA	3 Lamp, 40 Watt, Program/Rapid Start, T10 Fluorescent Electronic Ballast	114.82	38.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.59*	
26 01 50 52-0214		**T12 Fluorescent Ballasts** *(26 01 50 52-0002)*		
26 01 50 52-0215		**T12 Fluorescent Electronic Ballasts** *(26 01 50 52-0214)* Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0216		**25 Watt, T12 Fluorescent Electronic Ballasts** *(26 01 50 52-0215)*		
26 01 50 52-0217	EA	1 Lamp, 25 Watt, Instant Start, T12 Fluorescent Electronic Ballast	61.08	25.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
26 01 50 52-0218	EA	1 Lamp, 25 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	87.17	25.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
26 01 50 52-0219	EA	2 Lamp, 25 Watt, Instant Start, T12 Fluorescent Electronic Ballast	67.51	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.66*	
26 01 50 52-0220	EA	2 Lamp, 25 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	93.60	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.66*	
26 01 50 52-0221	EA	3 Lamp, 25 Watt, Instant Start, T12 Fluorescent Electronic Ballast	82.30	38.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.59*	
26 01 50 52-0222	EA	4 Lamp, 25 Watt, Instant Start, T12 Fluorescent Electronic Ballast	94.16	45.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 01 50 52-0223		**30 Watt, T12 Fluorescent Electronic Ballasts** *(26 01 50 52-0215)*		
26 01 50 52-0224	EA	1 Lamp, 30 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	87.17	25.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
26 01 50 52-0225	EA	2 Lamp, 30 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	93.60	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.66*	
26 01 50 52-0226	EA	3 Lamp, 30 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	114.82	38.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.59*	
26 01 50 52-0227		**34 Watt, T12 Fluorescent Electronic Ballasts** *(26 01 50 52-0215)*		
26 01 50 52-0228	EA	1 Lamp, 34 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	87.17	25.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
26 01 50 52-0229	EA	2 Lamp, 34 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	93.60	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.66*	
26 01 50 52-0230	EA	3 Lamp, 34 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	114.82	38.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.59*	
26 01 50 52-0231		**40 Watt, T12 Fluorescent Electronic Ballasts** *(26 01 50 52-0215)*		
26 01 50 52-0232	EA	1 Lamp, 40 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	87.17	25.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0233		EA	2 Lamp, 40 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	93.60	32.20
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.66*	
26 01 50 52-0234		EA	3 Lamp, 40 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	114.82	38.64
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.59*	
26 01 50 52-0235			96 Watt, T12 Fluorescent Electronic Ballasts *(26 01 50 52-0215)*		
26 01 50 52-0236		EA	1 Lamp, 96 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	109.74	25.77
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
26 01 50 52-0237		EA	2 Lamp, 96 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	124.78	32.20
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.66*	
26 01 50 52-0238			High-Output, T12HO Fluorescent Electronic Ballasts *(26 01 50 52-0214)*		
			Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0239			48 Watt, High-Output, T12HO Fluorescent Electronic Ballasts *(26 01 50 52-0238)*		
26 01 50 52-0240		EA	1 Lamp, 48 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast	144.34	25.77
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
26 01 50 52-0241		EA	2 Lamp, 48 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast	150.77	32.20
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.66*	
26 01 50 52-0242			60 Watt, High-Output, T12HO Fluorescent Electronic Ballasts *(26 01 50 52-0238)*		
26 01 50 52-0243		EA	1 Lamp, 60 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast	144.34	25.77
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
26 01 50 52-0244		EA	2 Lamp, 60 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast	150.77	32.20
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.66*	
26 01 50 52-0245			72 Watt, High-Output, T12HO Fluorescent Electronic Ballasts *(26 01 50 52-0238)*		
26 01 50 52-0246		EA	1 Lamp, 72 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast	144.34	25.77
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
26 01 50 52-0247		EA	2 Lamp, 72 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast	150.77	32.20
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.66*	
26 01 50 52-0248			96 Watt, High-Output, T12HO Fluorescent Electronic Ballasts *(26 01 50 52-0238)*		
26 01 50 52-0249		EA	2 Lamp, 96 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast	144.34	25.77
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
26 01 50 52-0250		EA	2 Lamp, 96 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast	150.77	32.20
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.66*	
26 01 50 52-0251			Emergency Fluorescent Ballasts *(26 01 50 52-0002)*		
			Note: 120/277 Volt.		
26 01 50 52-0252		EA	350 To 450 Lumens, One Lamp, Code Compliance, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B100)	225.05	25.77
			For Factory Installation In New Fixtures, Deduct	*-51.52*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.46*	
26 01 50 52-0253		EA	600 To 700 Lumens, Two Lamp, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B60)	374.50	32.20
			For Factory Installation In New Fixtures, Deduct	*-54.10*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.23*	
26 01 50 52-0254		EA	1,100 To 1,400 Lumens, One Or Two Lamp, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B50)	467.11	32.20
			For Factory Installation In New Fixtures, Deduct	*-54.10*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.23*	
26 01 50 52-0255		EA	600 To 700 Lumens, One Or Two Lamp, Two Hour Illumination, Emergency Fluorescent Ballast (Bodine B70A)	343.54	32.20
			For Factory Installation In New Fixtures, Deduct	*-54.10*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.23*	
26 01 50 52-0256		EA	2,700 To 3,400 Lumens, Two Or Three Lamp, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B33)	1,638.10	38.64
			For Factory Installation In New Fixtures, Deduct	*-56.67*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.00*	
26 01 50 52-0257		EA	225 To 450 Lumens, One Lamp, Four Hour Illumination, Emergency Fluorescent Ballast (Bodine B54)	474.28	25.77
			For Factory Installation In New Fixtures, Deduct	*-51.52*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.46*	
26 01 50 52-0258		EA	325 To 1,000 Lumens, One Or Two Lamp, Ninety Minute Illumination, Emergency Compact Fluorescent Ballast (Bodine B84CG)	799.30	32.20
			For Factory Installation In New Fixtures, Deduct	*-54.10*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.23*	
26 01 50 52-0259		EA	300 To 750 Lumens, One Or Two Lamp, Ninety Minute Illumination, Emergency Compact Fluorescent Ballast (Bodine B94CG)	436.61	32.20
			For Factory Installation In New Fixtures, Deduct	*-54.10*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.23*	
26 01 50 52-0260		EA	200 To 625 Lumens, One Lamp, Ninety Minute Illumination, Damp Location, Emergency Compact Fluorescent Ballast (Bodine B413)	598.40	25.77
			For Factory Installation In New Fixtures, Deduct	*-51.52*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.46*	
26 01 50 52-0261		EA	300 To 650 Lumens, One Lamp, Damp Location, Ninety Minute Illumination, Emergency Compact Fluorescent Ballast (Bodine B463)	462.45	25.77
			For Factory Installation In New Fixtures, Deduct	*-51.52*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0262	EA	450 To 950 Lumens, One Or Two Lamp, Ninety Minute Illumination, Damp Location, Emergency Compact Fluorescent Ballast (Bodine B426)	522.89	32.20
		For Factory Installation In New Fixtures, Deduct	*-54.10*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.23*	
26 01 50 52-0263	EA	1,100 To 1,400 Lumens, One Or Two Lamp, Ninety Minute Illumination, Damp Location, Emergency Fluorescent Ballast (Bodine BDL500)	566.45	32.20
		For Factory Installation In New Fixtures, Deduct	*-54.10*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.23*	
26 01 50 52-0264	EA	600 To 700 Lumens, Two Lamp, Damp Location, Emergency Fluorescent Ballast (Bodine BDL600)	475.59	32.20
		For Factory Installation In New Fixtures, Deduct	*-54.10*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.23*	
26 01 50 52-0265	EA	600 To 700 Lumens, One Lamp, Two Hour Illumination, Emergency Fluorescent Ballast (Bodine BDL700)	483.31	25.77
		For Factory Installation In New Fixtures, Deduct	*-51.52*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.46*	
26 01 50 52-0266	EA	500 To 600 Lumens, One Lamp, Damp Location, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine BDL900)	420.32	25.77
		For Factory Installation In New Fixtures, Deduct	*-51.52*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.46*	
26 01 50 52-0267	EA	300 To 750 Lumens, One Or Two Lamp, Damp Location, Ninety Minute Illumination, Emergency Compact Fluorescent Ballast (Bodine BDL94C)	436.61	32.20
		For Factory Installation In New Fixtures, Deduct	*-54.10*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.23*	
26 01 50 52-0268	EA	450 Lumens, One Lamp, Low Profile, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine LP400)	427.11	25.77
		For Factory Installation In New Fixtures, Deduct	*-51.52*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.46*	
26 01 50 52-0269	EA	1,100 To 1,400 Lumens, One Or Two Lamp, Self Testing, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B50ST)	786.63	32.20
		For Factory Installation In New Fixtures, Deduct	*-54.10*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.23*	
26 01 50 52-0270	EA	1,800 To 3,500 Lumens, One Or Two Lamp, Self Testing, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B30ST)	985.34	32.20
		For Factory Installation In New Fixtures, Deduct	*-54.10*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.23*	
26 01 50 52-0271	EA	1,450 To 3,500 Lumens, One Or Two Lamp, Remote Control Testing, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B30RCT)	1,849.70	32.20
		For Factory Installation In New Fixtures, Deduct	*-54.10*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.23*	
26 01 50 52-0272	EA	1,100 To 1,400 Lumens, One Or Two Lamp, Remote Control Testing, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B50RCT)	1,282.84	32.20
		For Factory Installation In New Fixtures, Deduct	*-54.10*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.23*	
26 01 50 52-0273	EA	1,100 To 3,100 Lumens, One Or Two Lamp, Central Battery, Emergency Fluorescent Ballast With Voltage Sensing Circuit (Bodine CB90-48)	649.06	32.20
		For Factory Installation In New Fixtures, Deduct	*-54.10*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.23*	
26 01 50 52-0274	EA	1,050 To 3,200 Lumens, One Lamp, Interim Lighting For Generator Backup, Five Minute Illumination, Emergency Fluorescent Ballast (Bodine GEN1)	843.76	25.77
		For Factory Installation In New Fixtures, Deduct	*-51.52*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.46*	
26 01 50 52-0275	EA	250 Watt, Self-Diagnostic, Ninety Minute Illumination, Fluorescent Emergency Lighting Inverter (Bodine ELI-250-SD)	4,750.30	32.20
		For Factory Installation In New Fixtures, Deduct	*-51.52*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.46*	

26 01 50 52-0276 LED Emergency Ballasts *(26 01 50 52-0001)*

26 01 50 52-0277	EA	Up To 520 Lumens, Ninety Minute Illumination, 120-277 Volt, 4 Watt Output, Emergency LED Driver (Bodine BSL4L)	176.03	25.77
		For Factory Installation In New Fixtures, Deduct	*-51.52*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.46*	
26 01 50 52-0278	EA	Up To 780 Lumens, Ninety Minute Illumination, 120-277 Volt, 6 Watt Output, Emergency LED Driver (Bodine BSL6LST)	268.39	25.77
		For Factory Installation In New Fixtures, Deduct	*-51.52*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.46*	
26 01 50 52-0279	EA	Up To 975 Lumens, Ninety Minute Illumination, 120-277 Volt, 7.5 Watt Output, Emergency LED Driver (Bodine BSL17C)	323.78	25.77
		For Factory Installation In New Fixtures, Deduct	*-51.52*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.46*	
26 01 50 52-0280	EA	Up To 1,300 Lumens, Ninety Minute Illumination, 120-277 Volt, 10 Watt Output, Emergency LED Driver (Bodine BSL310)	363.32	25.77
		For Factory Installation In New Fixtures, Deduct	*-51.52*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.46*	
26 01 50 52-0281	EA	Up To 2,200 Lumens, Ninety Minute Illumination, 120-277 Volt, 18 Watt Output, Emergency LED Driver (Bodine BSL718)	373.32	25.77
		For Factory Installation In New Fixtures, Deduct	*-51.52*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.46*	
26 01 50 52-0282	EA	Up To 2,600 Lumens, Ninety Minute Illumination, 120-277 Volt, 20 Watt Output, Emergency LED Driver (Bodine BSL20LV)	489.08	25.77
		For Factory Installation In New Fixtures, Deduct	*-51.52*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.46*	
26 01 50 52-0283	EA	Up To 2,300 Lumens, Ninety Minute Illumination, 120-277 Volt, 23 Watt LED Emergency Battery Backup (LiteTronics EB23UQ)	581.96	25.77
		For Factory Installation In New Fixtures, Deduct	*-51.52*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.46*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0284		Compact Fluorescent Ballasts *(26 01 50 52-0001)*		
26 01 50 52-0285		Compact Fluorescent Electronic Ballasts *(26 01 50 52-0284)* Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0286		18 Watt, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0285)*		
26 01 50 52-0287	EA	1 Lamp, 18 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	133.62	25.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
26 01 50 52-0288	EA	2 Lamp, 18 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	140.05	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.66*	
26 01 50 52-0289		26 Watt, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0285)*		
26 01 50 52-0290	EA	1 Lamp, 26 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	133.62	25.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
26 01 50 52-0291	EA	2 Lamp, 26 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	140.05	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.66*	
26 01 50 52-0292		32 Watt, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0285)*		
26 01 50 52-0293	EA	1 Lamp, 32 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	166.27	25.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
26 01 50 52-0294	EA	2 Lamp, 32 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	172.70	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.66*	
26 01 50 52-0295		40 Watt, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0285)*		
26 01 50 52-0296	EA	1 Lamp, 40 Watt, Instant Start, Compact Fluorescent Electronic Ballast	129.72	25.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
26 01 50 52-0297	EA	1 Lamp, 40 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	166.27	25.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
26 01 50 52-0298	EA	2 Lamp, 40 Watt, Instant Start, Compact Fluorescent Electronic Ballast	245.83	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.66*	
26 01 50 52-0299	EA	2 Lamp, 40 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	172.70	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.66*	
26 01 50 52-0300	EA	3 Lamp, 40 Watt, Instant Start, Compact Fluorescent Electronic Ballast	290.48	38.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.59*	
26 01 50 52-0301		42 Watt, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0285)*		
26 01 50 52-0302	EA	1 Lamp, 42 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	166.27	25.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
26 01 50 52-0303	EA	2 Lamp, 42 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	172.70	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.66*	
26 01 50 52-0304		55 Watt, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0285)*		
26 01 50 52-0305	EA	1 Lamp, 55 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	166.27	25.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
26 01 50 52-0306	EA	2 Lamp, 55 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	172.70	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.66*	
26 01 50 52-0307		Dimming, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0284)*		
26 01 50 52-0308		Dimming To 5%, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0307)* Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0309		18 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0308)*		
26 01 50 52-0310	EA	1 Lamp, 18 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	249.75	25.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
26 01 50 52-0311	EA	2 Lamp, 18 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	256.18	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.66*	
26 01 50 52-0312		26 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0308)*		
26 01 50 52-0313	EA	1 Lamp, 26 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	249.75	25.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
26 01 50 52-0314	EA	2 Lamp, 26 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	256.18	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.66*	
26 01 50 52-0315		32 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0308)*		
26 01 50 52-0316	EA	1 Lamp, 32 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	249.75	25.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
26 01 50 52-0317	EA	2 Lamp, 32 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	274.21	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.66*	
26 01 50 52-0318		40 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0308)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0319	EA	2 Lamp, 40 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	274.21	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.66*	
26 01 50 52-0320		**42 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts** *(26 01 50 52-0308)*		
26 01 50 52-0321	EA	1 Lamp, 42 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	249.75	25.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
26 01 50 52-0322	EA	2 Lamp, 42 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	274.21	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.66*	
26 01 50 52-0323		**55 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts** *(26 01 50 52-0308)*		
26 01 50 52-0324	EA	1 Lamp, 55 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	400.81	25.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
26 01 50 52-0325	EA	2 Lamp, 55 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	449.63	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.66*	
26 01 50 52-0326		**High Intensity Discharge (HID) Ballasts** *(26 01 50 52-0001)*		
26 01 50 52-0327		**Magnetic High Intensity Discharge (HID) Ballasts** *(26 01 50 52-0326)*		
26 01 50 52-0328		**Core And Coil High Intensity Discharge (HID) Ballasts** *(26 01 50 52-0327)*		
26 01 50 52-0329		**Metal Halide, Core And Coil High Intensity Discharge (HID) Ballasts** *(26 01 50 52-0328)*		
26 01 50 52-0330	EA	1 Lamp, 100 Watt Metal Halide, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	180.24	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 01 50 52-0331	EA	1 Lamp, 250 Watt Metal Halide, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	184.61	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 01 50 52-0332	EA	1 Lamp, 250 Watt Metal Halide, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast	184.61	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 01 50 52-0333	EA	1 Lamp, 400 Watt Metal Halide, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	172.17	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 01 50 52-0334	EA	1 Lamp, 400 Watt Metal Halide, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast	172.17	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 01 50 52-0335	EA	1 Lamp, 1,000 Watt Metal Halide, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	255.56	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 01 50 52-0336	EA	1 Lamp, 1,000 Watt Metal Halide, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast	255.56	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 01 50 52-0337	EA	1 Lamp, 1,500 Watt Metal Halide, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	329.01	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 01 50 52-0338	EA	1 Lamp, 1,500 Watt Metal Halide, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast	366.48	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 01 50 52-0339		**High Pressure Sodium, Core And Coil High Intensity Discharge (HID) Ballasts** *(26 01 50 52-0328)*		
26 01 50 52-0340	EA	1 Lamp, 50 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	162.97	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 01 50 52-0341	EA	1 Lamp, 70 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	172.74	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 01 50 52-0342	EA	1 Lamp, 100 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	168.52	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 01 50 52-0343	EA	1 Lamp, 150 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	197.90	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 01 50 52-0344	EA	1 Lamp, 150 Watt High Pressure Sodium, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast	193.70	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 01 50 52-0345	EA	1 Lamp, 250 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	220.96	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 01 50 52-0346	EA	1 Lamp, 250 Watt High Pressure Sodium, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast	220.96	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 01 50 52-0347	EA	1 Lamp, 400 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	266.29	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 01 50 52-0348	EA	1 Lamp, 400 Watt High Pressure Sodium, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast	266.29	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 01 50 52-0349	EA	1 Lamp, 1,000 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	425.37	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 01 50 52-0350	EA	1 Lamp, 1,000 Watt High Pressure Sodium, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast	425.37	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 01 50 52-0351		**Mounting Brackets For Core And Coil High Intensity Discharge (HID) Ballasts** *(26 01 50 52-0328)*		
26 01 50 52-0352	EA	Single Mounting Bracket For Core And Coil Type	19.12	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.86*	
26 01 50 52-0353	EA	Double Mounting Bracket For Core And Coil Type	31.86	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.80*	
26 01 50 52-0354		**F-Can High Intensity Discharge (HID) Ballasts** *(26 01 50 52-0327)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0355		Metal Halide, F-Can High Intensity Discharge (HID) Ballasts *(26 01 50 52-0354)*		
26 01 50 52-0356	EA	1 Lamp, 70 Watt Metal Halide, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast	228.38	32.20
		For Pulse Start Ballast, Add	*18.33*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 01 50 52-0357	EA	1 Lamp, 100 Watt Metal Halide, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast	240.50	32.20
		For Pulse Start Ballast, Add	*19.54*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 01 50 52-0358	EA	1 Lamp, 175 Watt Metal Halide, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast	219.20	32.20
		For Pulse Start Ballast, Add	*17.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 01 50 52-0359	EA	1 Lamp, 250 Watt Metal Halide, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast	254.21	32.20
		For Pulse Start Ballast, Add	*20.91*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 01 50 52-0360	EA	1 Lamp, 400 Watt Metal Halide, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast	352.32	32.20
		For Pulse Start Ballast, Add	*30.72*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 01 50 52-0361		High Pressure Sodium, F-Can High Intensity Discharge (HID) Ballasts *(26 01 50 52-0354)*		
26 01 50 52-0362	EA	1 Lamp, 70 Watt High Pressure Sodium, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast	274.33	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 01 50 52-0363	EA	1 Lamp, 100 Watt High Pressure Sodium, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast	293.22	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 01 50 52-0364		Postline High Intensity Discharge (HID) Ballasts *(26 01 50 52-0327)*		
26 01 50 52-0365		Metal Halide, Postline High Intensity Discharge (HID) Ballasts *(26 01 50 52-0364)*		
26 01 50 52-0366	EA	1 Lamp, 50 Watt Metal Halide, 120 Volt, Postline High Intensity Discharge (HID) Ballast	455.51	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 01 50 52-0367		High Pressure Sodium, Postline High Intensity Discharge (HID) Ballasts *(26 01 50 52-0364)*		
26 01 50 52-0368	EA	1 Lamp, 70 Watt High Pressure Sodium, 120 Volt, Postline High Intensity Discharge (HID) Ballast	700.87	32.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	
26 01 50 52-0369	EA	1 Lamp, 100 Watt High Pressure Sodium, 120 Volt, Postline High Intensity Discharge (HID) Ballast	781.44	32.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	
26 01 50 52-0370	EA	1 Lamp, 150 Watt High Pressure Sodium, 120 Volt, Postline High Intensity Discharge (HID) Ballast	753.56	32.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	
26 01 50 52-0371		Indoor Enclosed High Intensity Discharge (HID) Ballasts *(26 01 50 52-0327)*		
26 01 50 52-0372		Metal Halide, Indoor Enclosed High Intensity Discharge (HID) Ballasts *(26 01 50 52-0371)*		
26 01 50 52-0373	EA	1 Lamp, 175 Watt Metal Halide, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	560.45	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 01 50 52-0374	EA	1 Lamp, 250 Watt Metal Halide, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	635.90	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 01 50 52-0375	EA	1 Lamp, 400 Watt Metal Halide, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	839.36	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 01 50 52-0376	EA	1 Lamp, 400 Watt Metal Halide, 480 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	834.98	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 01 50 52-0377	EA	2 Lamp, 400 Watt Metal Halide, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	1,169.30	34.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.30*	
26 01 50 52-0378	EA	2 Lamp, 400 Watt Metal Halide, 480 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	1,169.30	34.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.30*	
26 01 50 52-0379	EA	1 Lamp, 1,000 Watt Metal Halide, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	805.04	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 01 50 52-0380	EA	1 Lamp, 1,000 Watt Metal Halide, 480 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	946.84	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 01 50 52-0381		High Pressure Sodium, Indoor Enclosed High Intensity Discharge (HID) Ballasts *(26 01 50 52-0371)*		
26 01 50 52-0382	EA	1 Lamp, 400 Watt High Pressure Sodium, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	1,044.35	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 01 50 52-0383	EA	1 Lamp, 400 Watt High Pressure Sodium, 480 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	994.37	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 01 50 52-0384	EA	1 Lamp, 1,000 Watt High Pressure Sodium, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	1,277.71	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 01 50 52-0385	EA	1 Lamp, 1,000 Watt High Pressure Sodium, 480 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	1,277.71	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 01 50 52-0386		Outdoor Weatherproof High Intensity Discharge (HID) Ballasts *(26 01 50 52-0327)*		
26 01 50 52-0387		Metal Halide, Outdoor Weatherproof High Intensity Discharge (HID) Ballasts *(26 01 50 52-0386)*		
26 01 50 52-0388	EA	1 Lamp, 175 Watt Metal Halide, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	629.59	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0389	EA	1 Lamp, 250 Watt Metal Halide, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	679.94	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 01 50 52-0390	EA	1 Lamp, 400 Watt Metal Halide, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	674.98	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 01 50 52-0391	EA	1 Lamp, 400 Watt Metal Halide, 480 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	708.72	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 01 50 52-0392	EA	2 Lamp, 400 Watt Metal Halide, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	1,125.31	34.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.30*	
26 01 50 52-0393	EA	2 Lamp, 400 Watt Metal Halide, 480 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	1,382.91	34.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.30*	
26 01 50 52-0394	EA	1 Lamp, 1,000 Watt Metal Halide, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	1,050.20	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 01 50 52-0395	EA	1 Lamp, 1,000 Watt Metal Halide, 480 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	956.28	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 01 50 52-0396		**High Pressure Sodium, Outdoor Weatherproof High Intensity Discharge (HID) Ballasts** *(26 01 50 52-0386)*		
26 01 50 52-0397	EA	1 Lamp, 400 Watt High Pressure Sodium, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	812.30	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 01 50 52-0398	EA	1 Lamp, 400 Watt High Pressure Sodium, 480 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	875.81	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 01 50 52-0399	EA	1 Lamp, 1,000 Watt High Pressure Sodium, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	1,307.02	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 01 50 52-0400	EA	1 Lamp, 1,000 Watt High Pressure Sodium, 480 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	1,124.83	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 01 50 52-0401		**Electronic High Intensity Discharge (HID) Ballasts** *(26 01 50 52-0326)*		
26 01 50 52-0402		**Electronic Low Frequency High Intensity Discharge (HID) Ballasts** *(26 01 50 52-0401)*		
26 01 50 52-0403	EA	1 Lamp, 70 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast	252.53	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 01 50 52-0404	EA	1 Lamp, 100 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast	252.53	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 01 50 52-0405	EA	1 Lamp, 150 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast	284.36	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 01 50 52-0406	EA	1 Lamp, 250 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast	730.43	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 01 50 52-0407	EA	1 Lamp, 300 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast	730.43	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 01 50 52-0408	EA	1 Lamp, 320 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast	730.43	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 01 50 52-0409	EA	1 Lamp, 350 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast	730.43	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 01 50 52-0410	EA	1 Lamp, 400 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast	730.43	32.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 01 50 52-0411		**Owner Supplied Ballasts** *(26 01 50 52-0001)*		
26 01 50 52-0412	EA	Install Owner Supplied, 1 Lamp Fluorescent Ballast	25.77	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
26 01 50 52-0413	EA	Install Owner Supplied, 2 Lamp Fluorescent Ballast	32.20	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.66*	
26 01 50 52-0414	EA	Install Owner Supplied, 3 Lamp Fluorescent Ballast	37.36	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.21*	
26 01 50 52-0415	EA	Install Owner Supplied, 4 Lamp Fluorescent Ballast	39.93	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.98*	
26 01 50 52-0416	EA	Install Owner Supplied, 1 Lamp High Intensity Discharge (HID) Ballast	45.08	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 01 50 52-0417	EA	Install Owner Supplied, 2 Lamp High Intensity Discharge (HID) Ballast	47.66	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.30*	
26 01 50 53		**Lens and Accessory Replacement** *(26 01 50)*		
26 01 50 53-0001		**Lens and Accessory Replacement** *(26 01 50 53)*		
26 01 50 53-0002	EA	Removal And Replacement Of Parabolic Aluminum Louver	87.64	
26 01 50 53-0003	EA	Removal And Replacement Of Visor For Fixtures	196.47	
26 01 50 53-0004	EA	Removal And Replacement Of Globe On Pole	219.48	
26 01 50 53-0005	EA	Removal And Replacement Of Lenses For Flat Top Pole Fixtures	93.65	
26 01 50 53-0006	EA	Removal And Replacement Of 1' x 4' Diffuser With 0.125" Thick Prismatic Acrylic Diffuser	32.35	
26 01 50 53-0007	EA	Removal And Replacement Of 2' x 2' Diffuser With 0.125" Thick Prismatic Acrylic Diffuser	33.42	
26 01 50 53-0008	EA	Removal And Replacement Of 2' x 4' Diffuser With 0.125" Thick Prismatic Acrylic Diffuser	38.06	
26 01 50 53-0009	EA	Removal And Replacement Of Slide-On Lampholder	14.53	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.86*	
26 01 50 53-0010	EA	Removal And Replacement Of Screw Mount Lampholder	14.69	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.86*	
26 01 50 53-0011	EA	Removal And Replacement Of Medium Bi-Pin Lampholder	16.11	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.86*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 53-0012	EA	Removal And Replacement Of Fixed High Output Lampholder, Recessed, Double Contact Double Pedestal Type	18.28	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.86*	
26 01 50 53-0013	EA	Removal And Replacement Of Plunger High Output Lampholder, Recessed, Double Contact Double Pedestal Type	19.69	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.86*	
26 01 50 53-0014	EA	Removal And Replacement Of Compact Twin-Tube Lampholder, Snap-in	15.89	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.86*	
26 01 50 53-0015	EA	Removal And Replacement Of Exterior Light Globes	61.98	

26 01 50 81 Luminaire Replacement *(26 01 50)*

26 01 50 81-0001 Retrofit Lighting Fixtures *(26 01 50 81)*

26 01 50 81-0002 LED Lighting Retrofits For Existing Fixtures *(26 01 50 81-0001)*

26 01 50 81-0003 LED Lighting Retrofits For Existing Downlight Fixtures (GreenCreative) *(26 01 50 81-0002)*

Note: Includes removing existing lamps and disconnecting existing ballast. Includes installing adaptor frame, LED light panel, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling.

26 01 50 81-0004	EA	7" Round Downlight, 15 Watt, 2700K CCT, LED Retrofit (GreenCreative 15SMPR7DIM/927)	110.39
26 01 50 81-0005	EA	7" Round Downlight, 15 Watt, 3000K CCT, LED Retrofit (GreenCreative 15SMPR7DIM/930)	110.39
26 01 50 81-0006	EA	7" Round Downlight, 15 Watt, 4000K CCT, LED Retrofit (GreenCreative 15SMPR7DIM/940)	110.39
26 01 50 81-0007	EA	4" Diameter, 8.5 Watt, 2700K CCT, THINFIT LED Downlight, (GreenCreative 8.5DLNC4DIM/827)	91.88
26 01 50 81-0008	EA	4" Diameter, 8.5 Watt, 3000K CCT, THINFIT LED Downlight, (GreenCreative 8.5DLNC4DIM/830)	91.88
26 01 50 81-0009	EA	4" Diameter, 8.5 Watt, 4000K CCT, THINFIT LED Downlight, (GreenCreative 8.5DLNC4DIM/840)	91.88
26 01 50 81-0010	EA	6" Diameter, 11.6 Watt, 2700K CCT, THINFIT LED Downlight, (GreenCreative 11.6DLNC6DIM/827)	99.67
26 01 50 81-0011	EA	6" Diameter, 11.6 Watt, 3000K CCT, THINFIT LED Downlight, (GreenCreative 11.6DLNC6DIM/830)	99.67
26 01 50 81-0012	EA	6" Diameter, 11.6 Watt, 4000K CCT, THINFIT LED Downlight, (GreenCreative 11.6DLNC6DIM/840)	99.67

26 01 50 81-0013 LED Lighting Retrofits For Existing Site Fixtures (Daylight Technology) *(26 01 50 81-0002)*

Note: Includes removing existing lamps and disconnecting existing ballast. Includes installing adaptor frame, LED light panel, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling.

26 01 50 81-0014	EA	2,300 Lumens, 23 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-20w)	315.26
26 01 50 81-0015	EA	3,300 Lumens, 33 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-30w)	326.95
26 01 50 81-0016	EA	4,400 Lumens, 44 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-40w)	338.64
26 01 50 81-0017	EA	5,400 Lumens, 54 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-50w)	352.91
26 01 50 81-0018	EA	6,500 Lumens, 65 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-60w)	387.01
26 01 50 81-0019	EA	7,600 Lumens, 75 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-70w)	401.27
26 01 50 81-0020	EA	8,600 Lumens, 86 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-80w)	433.43
26 01 50 81-0021	EA	9,600 Lumens, 96 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-90w)	445.12
26 01 50 81-0022	EA	10,700 Lumens, 107 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-100w)	459.38
26 01 50 81-0023	EA	11,700 Lumens, 117 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-110w)	480.82
26 01 50 81-0024	EA	12,800 Lumens, 128 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-120w)	503.85
26 01 50 81-0025	EA	13,800 Lumens, 138 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-130w)	526.26
26 01 50 81-0026	EA	14,900 Lumens, 149 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-140w)	537.96
26 01 50 81-0027	EA	16,100 Lumens, 161 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-150w)	557.44
26 01 50 81-0028	EA	17,200 Lumens, 172 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-160w)	580.78
26 01 50 81-0029	EA	18,200 Lumens, 182 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-170w)	605.14
26 01 50 81-0030	EA	19,300 Lumens, 193 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-180w)	642.17
26 01 50 81-0031	EA	20,300 Lumens, 203 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-190w)	658.73
26 01 50 81-0032	EA	21,400 Lumens, 214 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-200w)	687.62
26 01 50 81-0033	EA	22,400 Lumens, 224 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-210w)	725.62
26 01 50 81-0034	EA	23,500 Lumens, 235 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-220w)	745.11
26 01 50 81-0035	EA	24,500 Lumens, 245 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-230w)	791.84
26 01 50 81-0036	EA	25,600 Lumens, 256 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-240w)	834.71
26 01 50 81-0037	EA	26,600 Lumens, 266 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-250w)	864.56
26 01 50 81-0038	EA	27,700 Lumens, 277 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-260w)	906.46
26 01 50 81-0039	EA	28,700 Lumens, 287 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-270w)	987.96
26 01 50 81-0040	EA	29,800 Lumens, 298 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-280w)	997.70
26 01 50 81-0041	EA	31,900 Lumens, 319 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-300w)	1,023.00

26 01 50 81-0042 LED Lighting Retrofits For Existing Fixtures (Optilumen) *(26 01 50 81-0002)*

Note: Includes removing existing lamps and disconnecting existing ballast. Includes installing adaptor frame, LED light panel, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling.

26 01 50 81-0043	EA	20 Watt, 1 x 42", 3500L CCT, LED Retrofit Kit (Optilumen RKT1418M-35) Note: Fits 1' x 4' Troffer/Strip	136.35
26 01 50 81-0044	EA	20 Watt, 1 x 42", 4000L CCT, LED Retrofit Kit (Optilumen RKT1418M-40) Note: Fits 1' x 4' Troffer/Strip	136.35
26 01 50 81-0045	EA	20 Watt, 1 x 42", 5000L CCT, LED Retrofit Kit (Optilumen RKT1418M-50) Note: Fits 1' x 4' Troffer/Strip	136.35
26 01 50 81-0046	EA	30 Watt, 2 x 42", 3500L CCT, LED Retrofit Kit (Optilumen RKT2415M-35) Note: Fits 2' x 4' Troffer/Strip	141.22
26 01 50 81-0047	EA	2 x 42", 30 Watt, 4000K CCT, LED Retrofit Kit (Optilumen RKT2415M-40) Note: Fits 2' x 4' Troffer/Strip	141.22
26 01 50 81-0048	EA	2 x 42", 30 Watt, 5000K CCT, LED Retrofit Kit (Optilumen RKT2415M-50) Note: Fits 2' x 4' Troffer/Strip	141.22

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 81-0049	EA	2 x 42", 40 Watt, 3500K CCT, LED Retrofit Kit (Optilumen RKT2418M-35) Note: Fits 2' x 4' Troffer/Strip	150.96	
26 01 50 81-0050	EA	2 x 42", 40 Watt, 4000K CCT, LED Retrofit Kit (Optilumen RKT2418M-40) Note: Fits 2' x 4' Troffer/Strip	150.96	
26 01 50 81-0051	EA	2 x 42", 40 Watt, 5000K CCT, LED Retrofit Kit (Optilumen RKT2418M-50) Note: Fits 2' x 4' Troffer/Strip	150.96	
26 01 50 81-0052	EA	3 x 42", 30 Watt, 3500K CCT, LED Retrofit Kit (Optilumen RKT3415M-35) Note: Fits 2' x 4' Troffer/Strip	141.22	
26 01 50 81-0053	EA	3 x 42", 30 Watt, 4000K CCT, LED Retrofit Kit (Optilumen RKT3415M-40) Note: Fits 2' x 4' Troffer/Strip	141.22	
26 01 50 81-0054	EA	3 x 42", 30 Watt, 5000K CCT, LED Retrofit Kit (Optilumen RKT3415M-50) Note: Fits 2' x 4' Troffer/Strip	141.22	
26 01 50 81-0055	EA	3 x 42", 40 Watt, 3500K CCT, LED Retrofit Kit (Optilumen RKT3418M-35) Note: Fits 2' x 4' Troffer/Strip	150.96	
26 01 50 81-0056	EA	3 x 42", 40 Watt, 4000K CCT, LED Retrofit Kit (Optilumen RKT3418M-40) Note: Fits 2' x 4' Troffer/Strip	150.96	
26 01 50 81-0057	EA	3 x 42", 40 Watt, 5000K CCT, LED Retrofit Kit (Optilumen RKT3418M-50) Note: Fits 2' x 4' Troffer/Strip	150.96	
26 01 50 81-0058	EA	3 x 42", 60 Watt, 3500K CCT, LED Retrofit Kit (Optilumen RKT3424M-35) Note: Fits 2' x 4' Troffer/Strip	170.45	
26 01 50 81-0059	EA	3 x 42", 60 Watt, 4000K CCT, LED Retrofit Kit (Optilumen RKT3424M-40) Note: Fits 2' x 4' Troffer/Strip	170.45	
26 01 50 81-0060	EA	3 x 42", 60 Watt, 5000K CCT, LED Retrofit Kit (Optilumen RKT3424M-50) Note: Fits 2' x 4' Troffer/Strip	170.45	
26 01 50 81-0061	EA	1 x 21", 10 Watt, 3500K CCT, LED Retrofit Kit (Optilumen RKT1209M-35) Note: Fits 1' x 2' Troffer/Strip	136.35	
26 01 50 81-0062	EA	1 x 21", 10 Watt, 4000K CCT, LED Retrofit Kit (Optilumen RKT1209M-40) Note: Fits 1' x 2' Troffer/Strip	136.35	
26 01 50 81-0063	EA	1 x 21", 10 Watt, 5000K CCT, LED Retrofit Kit (Optilumen RKT1209M-50) Note: Fits 1' x 2' Troffer/Strip	136.35	
26 01 50 81-0064	EA	2 x 21", 22 Watt, 3500K CCT, LED Retrofit Kit (Optilumen RKT2209M-35) Note: Fits 2' x 2' Troffer/Strip	136.35	
26 01 50 81-0065	EA	2 x 21", 22 Watt, 4000K CCT, LED Retrofit Kit (Optilumen RKT2209M-40) Note: Fits 2' x 2' Troffer/Strip	136.35	
26 01 50 81-0066	EA	2 x 21", 22 Watt, 5000K CCT, LED Retrofit Kit (Optilumen RKT2209M-50) Note: Fits 2' x 2' Troffer/Strip	136.35	
26 01 50 81-0067	EA	3 x 21", 20 Watt, 3500K CCT, LED Retrofit Kit (Optilumen RKT3209M-35) Note: Fits 2' x 2' Troffer/Strip	141.22	
26 01 50 81-0068	EA	3 x 21", 20 Watt, 4000K CCT, LED Retrofit Kit (Optilumen RKT3209M-40) Note: Fits 2' x 2' Troffer/Strip	141.22	
26 01 50 81-0069	EA	3 x 21", 20 Watt, 5000K CCT, LED Retrofit Kit (Optilumen RKT3209M-50) Note: Fits 2' x 2' Troffer/Strip	141.22	
26 01 50 81-0070	EA	3 x 21", 30 Watt, 3500K CCT, LED Retrofit Kit (Optilumen RKT3210M-35) Note: Fits 2' x 2' Troffer/Strip	147.06	
26 01 50 81-0071	EA	3 x 21", 30 Watt, 4000K CCT, LED Retrofit Kit (Optilumen RKT3210M-40) Note: Fits 2' x 2' Troffer/Strip	147.06	
26 01 50 81-0072	EA	3 x 21", 30 Watt, 5000K CCT, LED Retrofit Kit (Optilumen RKT3210M-50) Note: Fits 2' x 2' Troffer/Strip	147.06	
26 01 50 81-0073		LED Lighting Retrofits For Existing Lay-In/Troffer Fixtures (LG) *(26 01 50 81-0002)* Note: Includes removing existing lamps and disconnecting existing ballast. Includes installing adaptor frame, LED light panel, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling.		
26 01 50 81-0074	EA	34 Watt, 3500K CCT, 2' x 4', Retrofit Troffer LED Fixture With Sensor (LG LGE-2X4RT-34-35-4400-R(W)-SN)	297.33	
26 01 50 81-0075	EA	34 Watt, 4000K CCT, 2' x 4', Retrofit Troffer LED Fixture With Sensor (LG LGE-2X4RT-34-40-4500-R(W)-SN)	297.33	
26 01 50 81-0076	EA	26 Watt, 3500K CCT, 2' x 2', Retrofit Troffer LED Fixture With Sensor (LG LGE-2X2RT-26-35-3400-R(W)-SN)	269.07	
26 01 50 81-0077	EA	26 Watt, 4000K CCT, 2' x 2', Retrofit Troffer LED Fixture With Sensor (LG LGE-2X2RT-26-40-3400-R(W)-SN)	269.07	
26 01 50 81-0078	EA	25 Watt, 3,250 Lumens, 3500K CCT, Lay-In Retrofit 2' x 2' Troffer (LG LGE-2X2SI-25-35-3200-RV) Note: No sensor, ZigBee ready driver	137.72	
26 01 50 81-0079	EA	25 Watt, 3,250 Lumens, 4000K CCT, Lay-In Retrofit 2' x 2' Troffer (LG LGE-2X2SI-25-40-3200-RV) Note: No sensor, ZigBee ready driver	137.72	
26 01 50 81-0080	EA	31 Watt, 4,050 Lumens, 3500K CCT, Lay-In Retrofit 2' x 4' Troffer (LG LGE-2X2SI-31-35-3200-RV) Note: No sensor, ZigBee ready driver	156.23	
26 01 50 81-0081	EA	31 Watt, 4,050 Lumens, 4000K CCT, Lay-In Retrofit 2' x 4' Troffer (LG LGE-2X2SI-31-40-3200-RV) Note: No sensor, ZigBee ready driver	156.23	
26 01 50 81-0082	EA	25 Watt, 3,250 Lumens, 3500K CCT, Lay-In Retrofit 2' x 2' Troffer With Sensor Connect (LG LGE-2X2SC-25-35-3200-RV) Note: Factory installed sensor and ZigBee dongle	169.88	
26 01 50 81-0083	EA	25 Watt, 3,250 Lumens, 4000K CCT, Lay-In Retrofit 2' x 2' Troffer With Sensor Connect (LG LGE-2X2SC-25-40-3200-RV) Note: Factory installed sensor and ZigBee dongle	169.88	
26 01 50 81-0084	EA	31 Watt, 3,250 Lumens, 3500K CCT, Lay-In Retrofit 2' x 4' Troffer With Sensor Connect (LG LGE-2X2SC-31-35-3200-RV) Note: Factory installed sensor and ZigBee dongle	174.75	
26 01 50 81-0085	EA	31 Watt, 3,250 Lumens, 4000K CCT, Lay-In Retrofit 2' x 4' Troffer With Sensor Connect (LG LGE-2X2SC-31-40-3200-RV) Note: Factory installed sensor and ZigBee dongle	174.75	
26 01 50 81-0086	EA	2' x 2' 2-Board, 25 Watt, 3,120 Lumens, 3500K CCT, Retrofit Board Kits (LG LGE-2BDK-25-35-3120) Note: No sensor, ZigBee ready driver	109.46	
26 01 50 81-0087	EA	2' x 2' 2-Board, 25 Watt, 3,120 Lumens, 4000K CCT, Retrofit Board Kits (LG LGE-2BDK-25-40-3120) Note: No sensor, ZigBee ready driver	109.46	
26 01 50 81-0088	EA	2' x 4' 4-Board, 31 Watt, 3,120 Lumens, 3500K CCT, Retrofit Board Kits (LG LGE-4BDK-31-35-3880) Note: No sensor, ZigBee ready driver	121.16	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 81-0089	EA	2' x 4' 4-Board, 31 Watt, 3,120 Lumens, 4000K CCT, Retrofit Board Kits (LG LGE-4BDK-31-40-3880) Note: No sensor, ZigBee ready driver	121.16	
26 01 50 81-0090	EA	2' x 2' 2-Board, 25 Watt, 3,120 Lumens, 3500K CCT, With Lens Retrofit Board Kits (LG LGE-2BDK-25-35-3120-L) Note: No sensor, ZigBee ready driver	112.39	
26 01 50 81-0091	EA	2' x 2' 2-Board, 25 Watt, 3,120 Lumens, 4000K CCT, With Lens Retrofit Board Kits (LG LGE-2BDK-25-40-3120-L) Note: No sensor, ZigBee ready driver	112.39	
26 01 50 81-0092	EA	2' x 4' 4-Board, 31 Watt, 3,120 Lumens, 3500K CCT, With Lens Retrofit Board Kits (LG LGE-4BDK-31-35-3880-L) Note: No sensor, ZigBee ready driver	124.08	
26 01 50 81-0093	EA	2' x 4' 4-Board, 31 Watt, 3,120 Lumens, 4000K CCT, With Lens Retrofit Board Kits (LG LGE-4BDK-31-40-3880-L) Note: No sensor, ZigBee ready driver	124.08	
26 01 50 81-0094	EA	6" Diameter, 16 Watt, 1,450 Lumens, 3500K CCT, Comm Retrofit Downlight (LG LGE-CRDL-16-35-1450) Note: No sensor, ZigBee ready driver	111.41	
26 01 50 81-0095	EA	6" Diameter, 16 Watt, 1,450 Lumens, 4000K CCT, Comm Retrofit Downlight (LG LGE-CRDL-16-40-1450) Note: No sensor, ZigBee ready driver	111.41	
26 01 50 81-0096	EA	8" Diameter, 22 Watt, 2,000 Lumens, 3500K CCT, Comm Retrofit Downlight (LG LGE-CRDL-22-35-2000) Note: No sensor, ZigBee ready driver	120.18	
26 01 50 81-0097	EA	8" Diameter, 22 Watt, 2,000 Lumens, 4000K CCT, Comm Retrofit Downlight (LG LGE-CRDL-22-40-2000) Note: No sensor, ZigBee ready driver	120.18	

26 01 50 81-0098 LED Lighting Retrofit Accessories (LG) *(26 01 50 81-0002)*

See CSI section 02 84 16 00-0003 for ballast recycling.

26 01 50 81-0099	EA	Dongle (LG LGE-DONGLE)	25.95	
26 01 50 81-0100	EA	1-group On/Off/Dim, 2-Button, Wireless Switch (LG LGE-SWITCH-BAT-2B)	141.80	14.66
26 01 50 81-0101	EA	2-group On/Off/Dim, 4-Button, Wireless Switch (LG LGE-SWITCH-BAT-4B)	147.66	17.58
26 01 50 81-0102	EA	1-group On/Off/Dim, 2-Button, AC Powered Switch (LG LGE-SWITCH-AC-2B)	181.98	14.66
26 01 50 81-0103	EA	2-group On/Off/Dim, 4-Button, AC Powered Switch (LG LGE-SWITCH-AC-4B)	187.84	17.58
26 01 50 81-0104	EA	Photo, Motion Sensor With ZigBee Dongle plugin (LG LGE-MULTI-SENSOR)	93.76	11.72
26 01 50 81-0105	EA	Tube Clip For Multi Sensor (LG LGE-TUBE-CLIP)	31.73	11.72
26 01 50 81-0106	EA	Ceiling Plate For Multi Sensor (LG LGE-CEILING-PLATE)	34.08	11.72
26 01 50 81-0107	EA	Wireless Interface Module (LG PIHN-W005A) Note: includes dongle	88.40	17.58

26 01 50 81-0108 Retrofit Existing (T12) Fluorescent Fixtures *(26 01 50 81-0001)*

Note: Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 02 84 16 00-0008 for leaking ballast disposal.

26 01 50 81-0109 Retrofit Existing (T12) Strip Style Fluorescent Fixtures Without Reflector *(26 01 50 81-0108)*

Note: Includes ballast, white reflective ballast cover, lamps, lamp holders, clips, wiring, cable connectors and cleaning of fixture.

26 01 50 81-0110	EA	Retrofit An Existing 4' (T12) Strip Style Fixture Without Reflector To Operate One 4' (T8) Lamp	115.19	
		For Specular Ballast Cover, Add	*14.04*	
26 01 50 81-0111	EA	Retrofit An Existing 4' (T12) Strip Style Fixture Without Reflector To Operate Two 4' (T8) Lamps	122.47	
		For Specular Ballast Cover, Add	*15.50*	
26 01 50 81-0112	EA	Retrofit An Existing 8' (T12) Strip Style Fixture Without Reflector To Operate Two 4' (T8) Lamps	165.16	
		For Specular Ballast Cover, Add	*24.04*	
26 01 50 81-0113	EA	Retrofit An Existing 8' (T12) Strip Style Fixture Without Reflector To Operate Four 4' (T8) Lamps	190.98	
		For Specular Ballast Cover, Add	*29.20*	

26 01 50 81-0114 Retrofit Existing (T12) Strip Style Fluorescent Fixtures With Reflector *(26 01 50 81-0108)*

Note: Includes ballast, white reflector and ballast cover, lamps, lamp holders, clips, wiring, cable connectors and cleaning of fixture.

26 01 50 81-0115	EA	Retrofit An Existing 4' (T12) Strip Style Fixture With Reflector To Operate One 4' (T8) Lamp	121.46	
		For Specular Reflector, Add	*17.05*	
26 01 50 81-0116	EA	Retrofit An Existing 4' (T12) Strip Style Fixture With Reflector To Operate Two 4' (T8) Lamps	129.50	
		For Specular Reflector, Add	*17.05*	
26 01 50 81-0117	EA	Retrofit An Existing 8' (T12) Strip Style Fixture With Reflector To Operate Two 4' (T8) Lamps	173.95	
		For Specular Reflector, Add	*17.05*	
26 01 50 81-0118	EA	Retrofit An Existing 8' (T12) Strip Style Fixture With Reflector To Operate Four 4' (T8) Lamps	224.71	
		For Specular Reflector, Add	*17.05*	

26 01 50 81-0119 Retrofit Existing (T12) Troffer Style Fluorescent Fixtures *(26 01 50 81-0108)*

Note: Includes ballast, white reflector and ballast cover, lamps, lamp holders, clips, wiring, cable connectors and cleaning of fixture.

26 01 50 81-0120	EA	Retrofit An Existing 1 x 4 (T12) Troffer Style Fixture To Operate One 4' (T8) Lamps	150.64	
		For Specular Reflector, Add	*17.05*	
26 01 50 81-0121	EA	Retrofit An Existing 1 x 4 (T12) Troffer Style Fixture To Operate Two 4' (T8) Lamps	157.92	
		For Specular Reflector, Add	*17.05*	
26 01 50 81-0122	EA	Retrofit An Existing 2 x 2 (T12) Troffer Style Fixture To Operate Two 2' (T8) Lamps	160.17	
		For Specular Reflector, Add	*17.05*	
26 01 50 81-0123	EA	Retrofit An Existing 2 x 2 (T12) Troffer Style Fixture To Operate Three 2' (T8) Lamps	179.43	
		For Specular Reflector, Add	*17.05*	
26 01 50 81-0124	EA	Retrofit An Existing 2 x 2 (T12) Troffer Style Fixture To Operate Four 2' (T8) Lamps	219.45	
		For Specular Reflector, Add	*17.05*	
26 01 50 81-0125	EA	Retrofit An Existing 2 x 4 (T12) Troffer Style Fixture To Operate Two 4' (T8) Lamps	165.45	
		For Specular Reflector, Add	*17.05*	
26 01 50 81-0126	EA	Retrofit An Existing 2 x 4 (T12) Troffer Style Fixture To Operate Three 4' (T8) Lamps	182.34	
		For Specular Reflector, Add	*17.05*	
26 01 50 81-0127	EA	Retrofit An Existing 2 x 4 (T12) Troffer Style Fixture To Operate Four 4' (T8) Lamps	196.30	
		For Specular Reflector, Add	*17.05*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 81-0128			Retrofit Existing Recessed Lay-In/Troffer Fixtures *(26 01 50 81-0001)*		
26 01 50 81-0129			Fluorescent Volumetric Lighting Retrofits For Existing Recessed Lay-In/Troffer Fixtures (Lithonia) *(26 01 50 81-0128)* Note: Includes removing existing lamps and ballast. Includes installing adaptor frame, volumetric reflectors, lamps and ballasts. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling.		
26 01 50 81-0130		EA	2 T8 Lamps, 0.78 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	171.43	
26 01 50 81-0131		EA	2 T8 Lamps, 0.88 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	171.43	
26 01 50 81-0132		EA	2 T8 Lamps, 1.20 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	171.43	
26 01 50 81-0133		EA	2 T8 Lamps, 0.88 Ballast Factor, Step Dimming Ballast, 2' x 4', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	185.84	
26 01 50 81-0134		EA	2 T8 Lamps, 0.78 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	171.43	
26 01 50 81-0135		EA	2 T8 Lamps, 0.88 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	171.43	
26 01 50 81-0136		EA	2 T8 Lamps, 1.20 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	171.43	
26 01 50 81-0137		EA	2 T8 Lamps, 0.88 Ballast Factor, Step Dimming Ballast, 2' x 4', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	185.84	
26 01 50 81-0138		EA	2 T8 Lamps, 0.78 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	172.48	
26 01 50 81-0139		EA	2 T8 Lamps, 0.88 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	172.48	
26 01 50 81-0140		EA	2 T8 Lamps, 1.20 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	172.48	
26 01 50 81-0141		EA	2 T8 Lamps, 0.88 Ballast Factor, Step Dimming Ballast, 2' x 2', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	186.88	
26 01 50 81-0142		EA	2 T8 Lamps, 0.78 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	172.48	
26 01 50 81-0143		EA	2 T8 Lamps, 0.88 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	172.48	
26 01 50 81-0144		EA	2 T8 Lamps, 1.20 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	172.48	
26 01 50 81-0145		EA	2 T8 Lamps, 0.88 Ballast Factor, Step Dimming Ballast, 2' x 2', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	186.88	
26 01 50 81-0146			LED Architectural Lighting Retrofits For Existing Recessed Lay-In/Troffer Fixtures (PlanLED) *(26 01 50 81-0128)* Note: Includes adaptor frame, optical system, LEDs and driver. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling.		
26 01 50 81-0147		EA	2,400 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (PlanLED FR3E-025)	234.17	
26 01 50 81-0148		EA	4,300 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (PlanLED FR3E-045)	243.96	
26 01 50 81-0149			LED Architectural Lighting Retrofits For Existing Recessed Lay-In/Troffer Fixtures (Raffino™) *(26 01 50 81-0128)* Note: Includes removing existing lamps and disconnecting existing ballast. Includes installing adaptor frame, LED light panel, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling.		
26 01 50 81-0150		EA	1,800 Lumens, 1' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR14-1800L)	363.99	
26 01 50 81-0151		EA	2,600 Lumens, 1' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR14-2700L)	372.74	
26 01 50 81-0152		EA	2,200 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR22-2200L)	363.99	
26 01 50 81-0153		EA	3,300 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR22-3300L)	372.74	
26 01 50 81-0154		EA	3,300 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR24-3000L)	416.48	
26 01 50 81-0155		EA	4,150 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR24-4000L)	429.60	
26 01 50 81-0156		EA	5,000 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR24-5000L)	460.22	
26 01 50 81-0157			LED Architectural Lighting Retrofits For Existing Recessed Lay-In/Troffer Fixtures (Orion) *(26 01 50 81-0128)* Note: Includes removing existing lamps and disconnecting existing ballast. Includes installing adaptor frame, LED light panel, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling.		
26 01 50 81-0158		EA	3,000 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDR-030L-FO-UNV-FDX-840-22-1P-CT-M-ST)	337.22	
26 01 50 81-0159		EA	3,500 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDR-035L-FO-UNV-FDX-840-22-1P-CT-M-ST)	349.43	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 81-0160		EA	3,200 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDR-032L-FO-UNV-FDX-840-24-1P-CT-M-ST)	353.08	
26 01 50 81-0161		EA	3,800 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDR-038L-FO-UNV-FDX-840-24-1P-CT-M-ST)	365.28	
26 01 50 81-0162		EA	2,000 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDRE1A1UNVFDSX84022MST)	254.86	
26 01 50 81-0163		EA	4,000 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDRE1B1UNVFDSX84022MST)	260.66	
26 01 50 81-0164		EA	3,000 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDRE1D1UNVFDSX84024MST)	269.93	
26 01 50 81-0165		EA	4,000 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDRE1E1UNVFDSX84024MST)	275.73	
26 01 50 81-0166		EA	6,000 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDRE1F1UNVFDSX84024MST)	340.64	
26 01 50 81-0167		EA	8,000 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (ORION LDRE1G1UNVFDSX84024MST)	405.54	

26 01 50 81-0168 Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components) *(26 01 50 81-0128)*

Note: Includes adaptor frame, optical system, lamps and ballasts. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling.

26 01 50 81-0169		EA	1 T5 Lamp, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	316.61	
26 01 50 81-0170		EA	1 T8 Lamp, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	229.22	
26 01 50 81-0171		EA	2 T5 Lamps, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	324.80	
26 01 50 81-0172		EA	2 T8 Lamps, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	237.34	
26 01 50 81-0173		EA	3 T5 Lamps, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	339.56	
26 01 50 81-0174		EA	3 T8 Lamps, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	259.29	
26 01 50 81-0175		EA	1 T5 Lamp, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	371.26	
26 01 50 81-0176		EA	1 T8 Lamp, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	283.68	
26 01 50 81-0177		EA	2 T5 Lamps, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	378.92	
26 01 50 81-0178		EA	2 T8 Lamps, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	291.41	
26 01 50 81-0179		EA	3 T5 Lamps, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	393.50	
26 01 50 81-0180		EA	3 T8 Lamps, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	313.25	

26 01 50 81-0181 LED Volumetric Lighting Retrofit For Existing Lensed Or Parabolic Recessed Lay-In/Troffer Fixtures (Lithonia 2VTL2R/RT) *(26 01 50 81-0128)*

Note: Includes removing existing lamps and ballast. Includes installing LED light engine assembly, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling.

26 01 50 81-0182		EA	3,300 Lumens, 2' x 2', LED Volumetric Lighting Retrofit For Existing Lensed Or Parabolic Recessed Lay-In/Troffer Fixtures (Lithonia 2VTL2R/RT)	671.63	
26 01 50 81-0183		EA	4,800 Lumens, 2' x 4', LED Volumetric Lighting Retrofit For Existing Lensed Or Parabolic Recessed Lay-In/Troffer Fixtures (Lithonia 2VTL4R/RT)	746.23	

26 01 50 81-0184 Retrofit Existing HID Fixtures *(26 01 50 81-0001)*

26 01 50 81-0185		EA	Tear Drop LED Retrofit Kit (Holophane LTDRL2 P35S 40K AS BK TDRD 3 P)	1,521.13	

26 01 50 81-0186 LED Lighting Retrofits For Existing Fluorescent Fixtures *(26 01 50 81-0001)*

Note: Excludes recycling or disposal of lamps and ballasts.

26 01 50 81-0187 LED Lightbar Retrofit For Existing Fluorescent Fixtures (Lithonia) *(26 01 50 81-0186)*

26 01 50 81-0188		EA	2' Length, 2 Bar, 2,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 2FT 2 2000LMHE 80CRI 35K MIN10 GZT MVOLT)	118.54	
			For >25 To 50, Deduct	*-5.93*	
			For >50 To 100, Deduct	*-10.34*	
			For >100, Deduct	*-17.64*	
26 01 50 81-0189		EA	2' Length, 4 Bar, 8,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 2FT 4 8000LMHE 80CRI MIN10 GZT MVOLT)	170.59	
			For >25 To 50, Deduct	*-8.53*	
			For >50 To 100, Deduct	*-14.24*	
			For >100, Deduct	*-22.84*	
26 01 50 81-0190		EA	3' Length, 2 Bar, 4,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 3FT 2 4000LMHE 80CRI 35K MIN10 GZT MVOLT)	128.82	
			For >25 To 50, Deduct	*-6.44*	
			For >50 To 100, Deduct	*-11.19*	
			For >100, Deduct	*-18.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 81-0191	EA	3' Length, 1 Bar, 1,600 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 3FT 1 1600LMHE 80CRI 35K MIN10 GZT MVOLT)	118.66	
		For >25 To 50, Deduct	*-5.93*	
		For >50 To 100, Deduct	*-10.43*	
		For >100, Deduct	*-17.97*	
26 01 50 81-0192	EA	4' Length, 2 Bar, 6,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 4FT 2 6000LMHE 80CRI 35K MIN10 GZT MVOLT)	154.46	
		For >25 To 50, Deduct	*-7.72*	
		For >50 To 100, Deduct	*-13.19*	
		For >100, Deduct	*-21.87*	
26 01 50 81-0193	EA	4' Length, 4 Bar, 6,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 4FT 4 6000LMHE 80CRI 35K MIN10 GZT MVOLT)	199.57	
		For >25 To 50, Deduct	*-9.98*	
		For >50 To 100, Deduct	*-16.57*	
		For >100, Deduct	*-26.38*	
26 01 50 81-0194	EA	4' Length, 1 Bar, 3,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 4FT 1 3000LMHE 80CRI 35K MIN10 GZT MVOLT)	128.14	
		For >25 To 50, Deduct	*-6.41*	
		For >50 To 100, Deduct	*-11.22*	
		For >100, Deduct	*-19.24*	
26 01 50 81-0195	EA	4' Length, 1 Bar, 4,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 4FT 1 4000LMHE 80CRI 35K MIN10 GZT MVOLT)	128.14	
		For >25 To 50, Deduct	*-6.41*	
		For >50 To 100, Deduct	*-11.22*	
		For >100, Deduct	*-19.24*	
26 01 50 81-0196	EA	4' Length, 4 Bar, 8,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 4FT 4 8000LMHE 80CRI 35K MIN10 GZT MVOLT)	163.48	
		For >25 To 50, Deduct	*-8.17*	
		For >50 To 100, Deduct	*-13.87*	
		For >100, Deduct	*-22.77*	
26 01 50 81-0197	EA	4' Length, 2 Bar, 4,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 4FT 2 4000LMHE 80CRI 35K MIN10 GZT MVOLT)	139.42	
		For >25 To 50, Deduct	*-6.97*	
		For >50 To 100, Deduct	*-12.06*	
		For >100, Deduct	*-20.37*	
26 01 50 81-0198	EA	4' Length, 2 Bar, 3,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 4FT 2 3000LMHE 80CRI 35K MIN10 GZT MVOLT)	139.42	
		For >25 To 50, Deduct	*-6.97*	
		For >50 To 100, Deduct	*-12.06*	
		For >100, Deduct	*-20.37*	

26 01 50 81-0199 LED Retrofit For Existing Fluorescent Fixtures (Lithonia) *(26 01 50 81-0186)*

26 01 50 81-0200	EA	1'x 4', 4,000 Lumens, 3500K CCT, Square Smooth Diffuser, Dimming LED Relight Assembly (Lithonia BLT4R F 40LHE SDSMT MVOLT EZ1 LP835 NLTAIR2)	277.42	
		For nLight AIR PIR integral occupancy sensor with automatic dimming photocell for Networking Capabilities Individual Control (nLight RES7), Add	*179.91*	
		For nLight AIR radio module without sensor (nLight RIO), Add	*116.95*	
		For >25 To 50, Deduct	*-13.87*	
		For >50 To 100, Deduct	*-22.41*	
		For >100, Deduct	*-34.17*	
26 01 50 81-0201	EA	1'x 4', 4,800 Lumens, 3500K CCT, Curved Smooth Diffuser, Dimming LED Relight Assembly (Lithonia BLT4R 48LHE ADSMT MVOLT EZ1 LP835 NLTAIR2)	298.76	
		For nLight AIR PIR integral occupancy sensor with automatic dimming photocell for Networking Capabilities Individual Control (nLight RES7), Add	*179.91*	
		For nLight AIR radio module without sensor (nLight RIO), Add	*116.95*	
		For >25 To 50, Deduct	*-14.94*	
		For >50 To 100, Deduct	*-24.01*	
		For >100, Deduct	*-36.30*	
26 01 50 81-0202	EA	2'x 2', 3,300 Lumens, 3500K CCT, Square Smooth Diffuser, Dimming LED Relight Assembly (Lithonia 2BLT2R 33LHE SDSMT MVOLT EZ1 LP835 NLTAIR2)	314.71	
		For nLight AIR PIR integral occupancy sensor with automatic dimming photocell for Networking Capabilities Individual Control (nLight RES7), Add	*179.91*	
		For nLight AIR radio module without sensor (nLight RIO), Add	*116.95*	
		For >25 To 50, Deduct	*-15.74*	
		For >50 To 100, Deduct	*-25.21*	
		For >100, Deduct	*-37.90*	
26 01 50 81-0203	EA	2'x 2', 4,000 Lumens, 3500K CCT, Square Smooth Diffuser, Dimming LED Relight Assembly (Lithonia 2BLT2R F 40LHE SDSMT MVOLT EZ1 LP835 NLTAIR2)	339.63	
		For nLight AIR PIR integral occupancy sensor with automatic dimming photocell for Networking Capabilities Individual Control (nLight RES7), Add	*179.91*	
		For nLight AIR radio module without sensor (nLight RIO), Add	*116.95*	
		For >25 To 50, Deduct	*-16.98*	
		For >50 To 100, Deduct	*-27.08*	
		For >100, Deduct	*-40.39*	
26 01 50 81-0204	EA	2'x 4', 4,000 Lumens, 3500K CCT, Curved Smooth Diffuser, Dimming LED Relight Assembly (Lithonia 2BLT4R 40LHE ADSMT MVOLT EZ1 LP835 NLTAIR2 RIO)	364.76	
		For nLight AIR PIR integral occupancy sensor with automatic dimming photocell for Networking Capabilities Individual Control (nLight RES7), Add	*179.91*	
		For nLight AIR radio module without sensor (nLight RIO), Add	*116.95*	
		For >25 To 50, Deduct	*-18.24*	
		For >50 To 100, Deduct	*-29.28*	
		For >100, Deduct	*-44.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 81-0205	EA	2'x 4', 4,800 Lumens, 3500K CCT, Curved Smooth Diffuser, Dimming LED Relight Assembly (Lithonia 2BLT4R 48LHE ADSMT MVOLT EZ1 LP835 NLTAIR2 RIO)	393.70	
		For nLight AIR PIR integral occupancy sensor with automatic dimming photocell for Networking Capabilities Individual Control (nLight RES7), Add	*179.91*	
		For nLight AIR radio module without sensor (nLight RIO), Add	*116.95*	
		For >25 To 50, Deduct	*-19.69*	
		For >50 To 100, Deduct	*-31.46*	
		For >100, Deduct	*-47.08*	

26 01 50 81-0206 LED Lighting Retrofits For Existing Fluorescent Fixtures (ELED Lights) *(26 01 50 81-0186)*

Note: Includes removal of existing fluorescent lamps, installing LED strip lighting and trim. Excludes recycling or disposal of lamps. See CSI section 02 84 16 00-0003 for ballast recycling.

26 01 50 81-0207	EA	2' Dimmable, 20 Watts, 2,900 Lumens, 4000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 2X2STRPD20W40)	110.77	
		Note: Kit contains two 2-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-5.54*	
		For >50 To 100, Deduct	*-9.75*	
		For >100, Deduct	*-16.86*	
26 01 50 81-0208	EA	2' Dimmable, 20 Watts, 2,900 Lumens, 5000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 2X2STRPD20W50)	110.77	
		Note: Kit contains two 2-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-5.54*	
		For >50 To 100, Deduct	*-9.75*	
		For >100, Deduct	*-16.86*	
26 01 50 81-0209	EA	4' Dimmable, 32 Watts, 5,000 Lumens, 4000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 2X4STRPD32W40)	145.55	
		Note: Kit contains two 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-7.28*	
		For >50 To 100, Deduct	*-12.52*	
		For >100, Deduct	*-20.98*	
26 01 50 81-0210	EA	4' Dimmable, 32 Watts, 5,000 Lumens, 5000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 2X4STRPD32W50)	145.55	
		Note: Kit contains two 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-7.28*	
		For >50 To 100, Deduct	*-12.52*	
		For >100, Deduct	*-20.98*	
26 01 50 81-0211	EA	4' Dimmable, 35 Watts, 5,500 Lumens, 3000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN30)	145.67	
		Note: Kit contains four 2-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-7.28*	
		For >50 To 100, Deduct	*-12.53*	
		For >100, Deduct	*-20.99*	
26 01 50 81-0212	EA	4' Dimmable, 35 Watts, 5,500 Lumens, 3000K, Frosted Lens, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN30F)	158.71	
		Note: Kit contains four 2-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-7.94*	
		For >50 To 100, Deduct	*-13.51*	
		For >100, Deduct	*-22.30*	
26 01 50 81-0213	EA	4' Dimmable, 35 Watts, 5500 Lumens, 3500K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN35)	145.67	
		Note: Kit contains four 2-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-7.28*	
		For >50 To 100, Deduct	*-12.53*	
		For >100, Deduct	*-20.99*	
26 01 50 81-0214	EA	4' Dimmable, 35 Watts, 5500 Lumens, 3500K, Frosted Lens, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN35F)	158.71	
		Note: Kit contains four 2-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-7.94*	
		For >50 To 100, Deduct	*-13.51*	
		For >100, Deduct	*-22.30*	
26 01 50 81-0215	EA	4' Dimmable, 35 Watts, 5,500 Lumens, 4000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN40)	145.67	
		Note: Kit contains four 2-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-7.28*	
		For >50 To 100, Deduct	*-12.53*	
		For >100, Deduct	*-20.99*	
26 01 50 81-0216	EA	4' Dimmable, 35 Watts, 5,500 Lumens, 4000K, Frosted Lens, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN40F)	158.71	
		Note: Kit contains four 2-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-7.94*	
		For >50 To 100, Deduct	*-13.51*	
		For >100, Deduct	*-22.30*	
26 01 50 81-0217	EA	4' Dimmable, 35 Watts, 5,500 Lumens, 5000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN50)	145.67	
		Note: Kit contains four 2-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-7.28*	
		For >50 To 100, Deduct	*-12.53*	
		For >100, Deduct	*-20.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 81-0218	EA	4' Dimmable, 35 Watts, 5,500 Lumens, 5000K, Frosted Lens, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN50F) Note: Kit contains four 2-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver	158.71	
		For >25 To 50, Deduct	*-7.94*	
		For >50 To 100, Deduct	*-13.51*	
		For >100, Deduct	*-22.30*	
26 01 50 81-0219	EA	4' Dimmable, 46 Watts, 6,800 Lumens, 5000K, Ultra High Lumen Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 2X4STRPD46W50) Note: Kit contains two 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver	158.60	
		For >25 To 50, Deduct	*-7.93*	
		For >50 To 100, Deduct	*-13.50*	
		For >100, Deduct	*-22.28*	
26 01 50 81-0220	EA	4' Dimmable, 31 Watts, 5,730 Lumens, 4000K, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD40) Note: Kit contains two 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver	186.50	
		For >25 To 50, Deduct	*-9.33*	
		For >50 To 100, Deduct	*-15.59*	
		For >100, Deduct	*-25.07*	
26 01 50 81-0221	EA	4' Dimmable, 31 Watts, 5,730 Lumens, 4000K, Frosted Lens, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD40F) Note: Kit contains two 4-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver	202.81	
		For >25 To 50, Deduct	*-10.14*	
		For >50 To 100, Deduct	*-16.82*	
		For >100, Deduct	*-26.71*	
26 01 50 81-0222	EA	4' Dimmable, 31 Watts, 5,730 Lumens, 5000K, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD50) Note: Kit contains two 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver	186.50	
		For >25 To 50, Deduct	*-9.33*	
		For >50 To 100, Deduct	*-15.59*	
		For >100, Deduct	*-25.07*	
26 01 50 81-0223	EA	4' Dimmable, 31 Watts, 5,730 Lumens, 5000K, Frosted Lens, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD50F) Note: Kit contains two 4-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver	202.81	
		For >25 To 50, Deduct	*-10.14*	
		For >50 To 100, Deduct	*-16.82*	
		For >100, Deduct	*-26.71*	
26 01 50 81-0224	EA	20 Watts, Emergency Battery Backup, For Use With 2' And 4' Linear LED Retrofit Kits (ELEDLIGHTS BLD-AM20D-480800) Note: 90-minute emergency battery with DIP switch-selectable power output of 10 Watts, 15 Watts, or 20 Watts	200.32	
		For >25 To 50, Deduct	*-10.02*	
		For >50 To 100, Deduct	*-15.35*	
		For >100, Deduct	*-21.32*	
26 01 50 81-0225	EA	20 Watts, Emergency Battery Backup, For Use With 2' And 4' Linear LED Retrofit Kits (ELEDLIGHTS EM-HM-20W) Note: 90-minute emergency battery with power output of 20 Watts	183.83	
		For >25 To 50, Deduct	*-9.19*	
		For >50 To 100, Deduct	*-14.11*	
		For >100, Deduct	*-19.67*	
26 01 50 81-0226	EA	8' Dimmable, 46 Watts, 7,400 Lumens, 5000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4X4STRPD46W50) Note: Kit contains four 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver	189.29	
		For >25 To 50, Deduct	*-9.46*	
		For >50 To 100, Deduct	*-16.28*	
		For >100, Deduct	*-27.28*	
26 01 50 81-0227	EA	8' Dimmable, 49 Watts, 6,680 Lumens, 5000K, Frosted Lens, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4X4STRPD49W50F) Note: Kit contains four 4-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver	197.44	
		For >25 To 50, Deduct	*-9.87*	
		For >50 To 100, Deduct	*-16.90*	
		For >100, Deduct	*-28.10*	
26 01 50 81-0228	EA	8' Dimmable, 64 Watts, 11,850 Lumens, 4000K, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD40) Note: Kit contains four 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver	277.51	
		For >25 To 50, Deduct	*-13.88*	
		For >50 To 100, Deduct	*-22.90*	
		For >100, Deduct	*-36.10*	
26 01 50 81-0229	EA	8' Dimmable, 64 Watts, 11,850 Lumens, 4000K, Frosted Lens, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD40F) Note: Kit contains four 4-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver	310.12	
		For >25 To 50, Deduct	*-15.51*	
		For >50 To 100, Deduct	*-25.35*	
		For >100, Deduct	*-39.36*	
26 01 50 81-0230	EA	8' Dimmable, 64 Watts, 11,850 Lumens, 5000K, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD50) Note: Kit contains four 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver	277.51	
		For >25 To 50, Deduct	*-13.88*	
		For >50 To 100, Deduct	*-22.90*	
		For >100, Deduct	*-36.10*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 81-0231	EA	8' Dimmable, 64 Watts, 11,850 Lumens, 5000K, Frosted Lens, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD50F) Note: Kit contains four 4-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver	310.12	
		For >25 To 50, Deduct	*-15.51*	
		For >50 To 100, Deduct	*-25.35*	
		For >100, Deduct	*-39.36*	

26 05 Common Work Results for Electrical *(26)*

26 05 13 Medium-Voltage Cables *(26 05)*

26 05 13 16 Medium-Voltage, Single-and Multi-Conductor Cables *(26 05 13)*

26 05 13 16-0001 Wire And Cable *(26 05 13 16)*
Note: Pulled in conduit except as noted. Includes pull wires, pulling branch circuit conductors, testing, and splicing (#8 and lighter). All conductors are copper except as otherwise noted. No special set-up is required. Excludes terminations.

26 05 13 16-0002 Wire Connections *(26 05 13 16-0001)*

26 05 13 16-0003 Medium Voltage Up To 5 KV *(26 05 13 16-0002)*

26 05 13 16-0004 Copper Cable Splice, Crimp Compression Connection *(26 05 13 16-0003)*
Note: For bare wire.

26 05 13 16-0005	EA	#6 AWG Crimp Compression Connection For Bare Copper Wire	87.89
26 05 13 16-0006	EA	#4 AWG Crimp Compression Connection For Bare Copper Wire	98.10
26 05 13 16-0007	EA	#3 AWG Crimp Compression Connection For Bare Copper Wire	114.32
26 05 13 16-0008	EA	#2 AWG Crimp Compression Connection For Bare Copper Wire	128.52
26 05 13 16-0009	EA	#1 AWG Crimp Compression Connection For Bare Copper Wire	145.55
26 05 13 16-0010	EA	1/0 AWG Crimp Compression Connection For Bare Copper Wire	161.48
26 05 13 16-0011	EA	2/0 AWG Crimp Compression Connection For Bare Copper Wire	176.93
26 05 13 16-0012	EA	3/0 AWG Crimp Compression Connection For Bare Copper Wire	194.29
26 05 13 16-0013	EA	4/0 AWG Crimp Compression Connection For Bare Copper Wire	210.51
26 05 13 16-0014	EA	250 MCM Crimp Compression Connection For Bare Copper Wire	227.59
26 05 13 16-0015	EA	300 MCM Crimp Compression Connection For Bare Copper Wire	245.76
26 05 13 16-0016	EA	350 MCM Crimp Compression Connection For Bare Copper Wire	261.30
26 05 13 16-0017	EA	400 MCM Crimp Compression Connection For Bare Copper Wire	296.98
26 05 13 16-0018	EA	500 MCM Crimp Compression Connection For Bare Copper Wire	335.30

26 05 19 Low-Voltage Electrical Power Conductors and Cables *(26 05)*

26 05 19 16 Low-Voltage, Single-and Multi-Conductor Cables *(26 05 19)*

26 05 19 16-0001 Cable Installation Methods *(26 05 19 16)*

26 05 19 16-0002 Pull Cord *(26 05 19 16-0001)*
Note: Left in conduit for others to pull cable. Not to be used when contractor has priced new wire in a conduit. Priced when owner wants a pull cord left in a conduit for owner to pull wire at a later time.

26 05 19 16-0003	LF	Pull String Installed To Remain In Place, In Existing Conduit	0.40
26 05 19 16-0004	LF	Pull String Installed To Remain In Place, In New Conduits	0.21
26 05 19 16-0005	LF	1/4" Nylon Pull Cord Installed To Remain In Place, In Existing Conduit	0.70
26 05 19 16-0006	LF	1/4" Nylon Pull Cord Installed To Remain In Place, In New Conduits	0.45

26 05 19 16-0007 Bore Conduit Into Dirt Or Sand *(26 05 19 16-0001)*
Note: For installation under roads, driveways or other structures up to 20'.

26 05 19 16-0008	LF	Bore 1" To 4" Conduit Into Dirt Or Sand	3.60
26 05 19 16-0009	LF	Bore 5" To 8" Conduit Into Dirt Or Sand	4.59
26 05 19 16-0010	EA	Boring Minimum Set-Up Charge Note: For projects where the total boring charge is less than the minimum set-up charge. Use this item exclusively. This item should not be used in conjunction with any other items in this section.	504.49

26 05 19 16-0011 Wire and Cable *(26 05 19 16)*
Note: Pulled in conduit except as noted. Includes pull wires, pulling branch circuit conductors, splicing (#8 and lighter), identifying, tagging and testing. All conductors are copper except as otherwise noted. No special set-up is required. For tasks installed in conduit, tasks exclude conduit. Excludes terminations. See CSI section 26 05 33 13-0058 for various conduit types.

26 05 19 16-0012 600 Volt Wire *(26 05 19 16-0011)*

26 05 19 16-0013 600 Volt, Armored Cable, Copper Conductors *(26 05 19 16-0012)*

26 05 19 16-0014 MC, Solid Or Stranded, Galvanized Steel Armor *(26 05 19 16-0013)*

26 05 19 16-0015	MLF	2 Conductors, #14 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	4,098.51	1,282.96
26 05 19 16-0016	MLF	2 Conductors, #12 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	4,573.01	1,441.53
26 05 19 16-0017	MLF	2 Conductors, #10 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	5,580.38	1,583.94
26 05 19 16-0018	MLF	2 Conductors, #8 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	7,322.94	1,692.60
26 05 19 16-0019	MLF	2 Conductors, #6 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	9,293.10	1,794.35
26 05 19 16-0020	MLF	3 Conductors, #14 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	4,756.32	1,441.53
26 05 19 16-0021	MLF	3 Conductors, #12 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	5,390.28	1,583.94
26 05 19 16-0022	MLF	3 Conductors, #10 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	6,965.03	1,807.04

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0023	MLF	3 Conductors, #8 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	9,275.35	1,949.84
26 05 19 16-0024	MLF	3 Conductors, #6 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	10,946.86	2,103.15
26 05 19 16-0025	MLF	3 Conductors, #4 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	13,740.46	2,258.78
26 05 19 16-0026	MLF	3 Conductors, #2 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	19,409.48	2,411.58
26 05 19 16-0027	MLF	4 Conductors, #14 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	5,563.75	1,583.94
26 05 19 16-0028	MLF	4 Conductors, #12 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	6,378.09	1,807.04
26 05 19 16-0029	MLF	4 Conductors, #10 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	10,050.04	2,004.62
26 05 19 16-0030	MLF	4 Conductors, #8 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	13,922.35	2,208.22
26 05 19 16-0031	MLF	4 Conductors, #6 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	17,207.77	2,362.69
26 05 19 16-0032	MLF	4 Conductors, #4 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	23,052.03	2,515.62
26 05 19 16-0033	MLF	4 Conductors, #2 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	30,115.37	2,667.27

26 05 19 16-0034 FPLP Solid TFN Red Armored Cable *(26 05 19 16-0013)*

Note: Color coded red.

26 05 19 16-0035	MLF	#18/2 With Bare #18 Ground Type TFN FPLP Red Armored Cable	4,189.32	975.05
26 05 19 16-0036	MLF	#18/4 With Bare #18 Ground Type TFN FPLP Red Armored Cable	4,751.68	1,129.00
26 05 19 16-0037	MLF	#18/6 With Bare #18 Ground Type TFN FPLP Red Armored Cable	5,921.07	1,282.96
26 05 19 16-0038	MLF	#18/8 With Bare #18 Ground Type TFN FPLP Red Armored Cable	6,800.58	1,436.91
26 05 19 16-0039	MLF	#16/2 With Bare #16 Ground Type TFN FPLP Red Armored Cable	4,763.23	1,129.00
26 05 19 16-0040	MLF	#16/4 With Bare #16 Ground Type TFN FPLP Red Armored Cable	5,643.82	1,282.96
26 05 19 16-0041	MLF	#16/6 With Bare #16 Ground Type TFN FPLP Red Armored Cable	7,133.49	1,436.91
26 05 19 16-0042	MLF	#16/8 With Bare #16 Ground Type TFN FPLP Red Armored Cable	8,126.43	1,590.86

26 05 19 16-0043 FPLP Solid THHN Red Armored Cable *(26 05 19 16-0013)*

Note: Color coded red.

26 05 19 16-0044	MLF	#14/2 With #14 Ground Type THHN FPLP Red Armored Cable	5,283.61	1,282.96
26 05 19 16-0045	MLF	#14/4 With #14 Ground Type THHN FPLP Red Armored Cable	6,602.10	1,436.91
26 05 19 16-0046	MLF	#14/6 With #14 Ground Type THHN FPLP Red Armored Cable	8,868.91	1,590.86
26 05 19 16-0047	MLF	#14/8 With #14 Ground Type THHN FPLP Red Armored Cable	10,309.23	1,744.82
26 05 19 16-0048	MLF	#12/2 With #12 Ground Type THHN FPLP Red Armored Cable	6,713.42	1,436.91
26 05 19 16-0049	MLF	#12/4 With #12 Ground Type THHN FPLP Red Armored Cable	8,258.75	1,590.86

26 05 19 16-0050 FPLP Twisted Shielded Pair Red Armored Cable *(26 05 19 16-0013)*

Note: Color coded red.

26 05 19 16-0051	MLF	#18/2 With #18 Tinned Ground FPLP Twisted Shielded Pair Red Armored Cable	4,567.38	975.05
26 05 19 16-0052	MLF	#18/2 With #18 Tinned Ground And #14/2 With #14 Tinned Ground FPLP Twisted Shielded Pair Red Armored Cable	7,351.92	1,436.91
26 05 19 16-0053	MLF	#16/2 With #16 Tinned Ground FPLP Twisted Shielded Pair Red Armored Cable	5,635.93	1,129.00
26 05 19 16-0054	MLF	#16/4 With Two #16 Tinned Grounds FPLP Twisted Shielded Pair Red Armored Cable	6,670.89	1,282.96
26 05 19 16-0055	MLF	#16/2 With #16 Tinned Ground And #12/2 With #12 Ground FPLP Twisted Shielded Pair Red Armored Cable	9,327.84	1,590.86
26 05 19 16-0056	MLF	#14/2 With One #16 Tinned Ground And One #14 Ground FPLP Twisted Shielded Pair Red Armored Cable	6,598.60	1,334.28
26 05 19 16-0057	MLF	#14/4 With Two #16 Tinned Ground And One #14 Ground FPLP Twisted Shielded Pair Red Armored Cable	8,180.86	1,539.55

26 05 19 16-0058 Armored Cable Connectors *(26 05 19 16-0013)*

26 05 19 16-0059	EA	3/4" Armored Cable Connector	7.82	2.82
		For Work In Restricted Working Space, Add	*2.11*	
		For Elevated Installation >10' To 15', Add	*0.70*	
		For Elevated Installation >15' To 20', Add	*1.41*	
		For Elevated Installation >20' To 25', Add	*1.76*	
		For Elevated Installation >25' To 30', Add	*2.46*	
		For Elevated Installation >30' To 35', Add	*2.82*	
		For Elevated Installation >35' To 40', Add	*3.52*	
		For Elevated Installation >40', Add	*3.87*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.11*	
26 05 19 16-0060	EA	1" Armored Cable Connector	10.43	3.75
		For Work In Restricted Working Space, Add	*2.81*	
		For Elevated Installation >10' To 15', Add	*0.94*	
		For Elevated Installation >15' To 20', Add	*1.87*	
		For Elevated Installation >20' To 25', Add	*2.34*	
		For Elevated Installation >25' To 30', Add	*3.28*	
		For Elevated Installation >30' To 35', Add	*3.75*	
		For Elevated Installation >35' To 40', Add	*4.69*	
		For Elevated Installation >40', Add	*5.15*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.81*	
26 05 19 16-0061	EA	1-1/4" Armored Cable Connector	13.11	4.69
		For Work In Restricted Working Space, Add	*3.52*	
		For Elevated Installation >10' To 15', Add	*1.17*	
		For Elevated Installation >15' To 20', Add	*2.34*	
		For Elevated Installation >20' To 25', Add	*2.93*	
		For Elevated Installation >25' To 30', Add	*4.10*	
		For Elevated Installation >30' To 35', Add	*4.69*	
		For Elevated Installation >35' To 40', Add	*5.86*	
		For Elevated Installation >40', Add	*6.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.52*	

26 05 19 16-0062 600 Volt, Feeder Wire, Single Stranded Copper *(26 05 19 16-0012)*

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	MINOR CSI UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0063	MLF	#3 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	3,873.48	659.81
		For EPR Insulation, Add	*282.12*	
		For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*658.28*	
26 05 19 16-0064	MLF	600 MCM, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	25,041.29	2,124.55
		For EPR Insulation, Add	*2,841.91*	
		For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*6,631.11*	
26 05 19 16-0065	MLF	#18 AWG, Type TFFN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	548.85	234.43
26 05 19 16-0066	MLF	#16 AWG, Type TFFN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	684.54	257.88
26 05 19 16-0067	MLF	#14 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	719.55	188.01
26 05 19 16-0068	MLF	#12 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	894.24	224.12
26 05 19 16-0069	MLF	#10 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	1,107.38	281.91
26 05 19 16-0070	MLF	#8 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	1,554.24	371.57
26 05 19 16-0071	MLF	#6 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	2,114.91	448.71
26 05 19 16-0072	MLF	#4 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	2,796.10	530.29
26 05 19 16-0073	MLF	#3 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	3,342.05	600.27
26 05 19 16-0074	MLF	#2 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	3,994.88	672.23
26 05 19 16-0075	MLF	#1 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	4,759.16	758.62
26 05 19 16-0076	MLF	1/0 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	5,536.64	830.71
26 05 19 16-0077	MLF	2/0 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	6,284.25	918.04
26 05 19 16-0078	MLF	3/0 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	7,457.02	971.02
26 05 19 16-0079	MLF	4/0 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	8,886.50	1,092.46
26 05 19 16-0080	MLF	250 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	10,433.09	1,162.20
26 05 19 16-0081	MLF	300 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	12,044.56	1,316.23
26 05 19 16-0082	MLF	350 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	13,776.81	1,456.64
26 05 19 16-0083	MLF	400 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	15,448.13	1,496.50
26 05 19 16-0084	MLF	500 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	18,345.53	1,583.24
26 05 19 16-0085	MLF	600 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	22,754.54	1,863.16
26 05 19 16-0086	MLF	750 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	34,864.44	2,206.95
26 05 19 16-0087	MLF	1,000 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	41,771.57	2,664.56
26 05 19 16-0088	MLF	#16 AWG, Type TGGT High Temperature, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	2,976.70	563.11
26 05 19 16-0089	MLF	#14 AWG, Type TGGT High Temperature, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	3,305.10	656.17
26 05 19 16-0090	MLF	#12 AWG, Type TGGT High Temperature, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	3,830.92	750.77
26 05 19 16-0091	MLF	#10 AWG, Type TGGT High Temperature, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	4,992.20	843.60
26 05 19 16-0092	MLF	#8 AWG, Type TGGT High Temperature, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	5,659.01	937.73
26 05 19 16-0093	MLF	#6 AWG, Type TGGT High Temperature, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	7,234.59	1,030.56

26 05 19 16-0094 Non-Metallic Sheathed Cable *(26 05 19 16-0012)*

26 05 19 16-0095 Indoor Installation *(26 05 19 16-0094)*

Note: For NM, NM-B, NMC-B and NMS-B.

26 05 19 16-0096	MLF	#14 AWG, 2 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	3,400.62	890.73
		For Installation In Wood Stud Wall (Includes Drilling), Add	*334.02*	
26 05 19 16-0097	MLF	#14 AWG, 3 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	4,305.42	1,078.39
		For Installation In Wood Stud Wall (Includes Drilling), Add	*404.42*	
26 05 19 16-0098	MLF	#14 AWG, 4 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	6,736.39	1,193.26
		For Installation In Wood Stud Wall (Includes Drilling), Add	*447.47*	
26 05 19 16-0099	MLF	#12 AWG, 2 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	4,429.21	1,012.75
		For Installation In Wood Stud Wall (Includes Drilling), Add	*360.44*	
26 05 19 16-0100	MLF	#12 AWG, 3 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	6,641.88	1,125.04
		For Installation In Wood Stud Wall (Includes Drilling), Add	*421.91*	
26 05 19 16-0101	MLF	#12 AWG, 4 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	9,063.47	1,256.56
		For Installation In Wood Stud Wall (Includes Drilling), Add	*471.21*	
26 05 19 16-0102	MLF	#10 AWG, 2 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	5,609.80	1,125.63
		For Installation In Wood Stud Wall (Includes Drilling), Add	*422.12*	
26 05 19 16-0103	MLF	#10 AWG, 3 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	9,382.65	1,313.06
		For Installation In Wood Stud Wall (Includes Drilling), Add	*492.39*	
26 05 19 16-0104	MLF	#10 AWG, 4 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	11,253.32	1,500.37
		For Installation In Wood Stud Wall (Includes Drilling), Add	*562.64*	
26 05 19 16-0105	MLF	#8 AWG, 2 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	11,424.57	1,347.99
		For Installation In Wood Stud Wall (Includes Drilling), Add	*480.00*	
26 05 19 16-0106	MLF	#8 AWG, 3 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	14,682.97	1,629.31
		For Installation In Wood Stud Wall (Includes Drilling), Add	*580.22*	
26 05 19 16-0107	MLF	#6 AWG, 2 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	15,209.06	1,535.53
		For Installation In Wood Stud Wall (Includes Drilling), Add	*545.06*	
26 05 19 16-0108	MLF	#6 AWG, 3 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	20,498.52	1,852.02
		For Installation In Wood Stud Wall (Includes Drilling), Add	*659.34*	
26 05 19 16-0109	MLF	#4 AWG, 3 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	49,621.86	2,039.56
		For Installation In Wood Stud Wall (Includes Drilling), Add	*725.28*	
26 05 19 16-0110	MLF	#2 AWG, 3 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	58,043.92	2,215.40
		For Installation In Wood Stud Wall (Includes Drilling), Add	*791.21*	

26 05 19 16-0111 Direct Burial Cable *(26 05 19 16-0094)*

Note: Excludes trench and backfill. For NM, NM-B, NMC-B and NMS-B. Copper.

26 05 19 16-0112	MLF	#14 AWG, 2 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	2,593.94
26 05 19 16-0113	MLF	#14 AWG, 3 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	3,358.21
26 05 19 16-0114	MLF	#12 AWG, 2 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	3,275.31
26 05 19 16-0115	MLF	#12 AWG, 3 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	4,117.28

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0116	MLF	#10 AWG, 2 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	3,520.45	
26 05 19 16-0117	MLF	#10 AWG, 3 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	4,938.07	
26 05 19 16-0118	MLF	#8 AWG, 2 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	5,230.18	
26 05 19 16-0119	MLF	#8 AWG, 3 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	6,643.17	
26 05 19 16-0120	MLF	#6 AWG, 2 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	6,535.32	
26 05 19 16-0121	MLF	#6 AWG, 3 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	8,491.16	
26 05 19 16-0122		**SEU Cable Copper, 3 Conductor** *(26 05 19 16-0094)*		
26 05 19 16-0123	MLF	12-12-12 Cable SEU Copper	3,416.78	1,129.39
26 05 19 16-0124	MLF	10-10-10 Cable SEU Copper	4,268.14	1,282.96
26 05 19 16-0125	MLF	8-8-8 Cable SEU Copper	5,287.20	1,436.66
26 05 19 16-0126	MLF	6-6-8 Cable SEU Copper	6,356.70	1,540.19
26 05 19 16-0127	MLF	6-6-6 Cable SEU Copper	6,828.61	1,591.76
26 05 19 16-0128	MLF	4-4-6 Cable SEU Copper	8,296.22	1,745.47
26 05 19 16-0129	MLF	4-4-4 Cable SEU Copper	8,927.28	1,796.91
26 05 19 16-0130	MLF	3-3-5 Cable SEU Copper	10,374.23	1,949.84
26 05 19 16-0131	MLF	3-3-3 Cable SEU Copper	11,016.65	2,052.73
26 05 19 16-0132	MLF	2-2-4 Cable SEU Copper	11,763.66	2,156.26
26 05 19 16-0133	MLF	2-2-2 Cable SEU Copper	12,570.54	2,258.78
26 05 19 16-0134	MLF	1-1-1 Cable SEU Copper	15,359.72	2,565.92
26 05 19 16-0135	MLF	1/0-1/0-1/0 Cable SEU Copper	18,255.20	2,876.65
26 05 19 16-0136	MLF	2/0-2/0-2/0 Cable SEU Copper	21,952.52	3,239.86
26 05 19 16-0137	MLF	3/0-3/0-3/0 Cable SEU Copper	26,371.98	3,603.83
26 05 19 16-0138	MLF	4/0-4/0-4/0 Cable SEU Copper	29,471.38	4,021.82
26 05 19 16-0139		**SEU Cable Aluminum, 3 Conductor** *(26 05 19 16-0094)*		
26 05 19 16-0140	MLF	8-8-8 Cable SEU Aluminum	4,520.80	1,441.53
26 05 19 16-0141	MLF	6-6-6 Cable SEU Aluminum	5,138.70	1,583.94
26 05 19 16-0142	MLF	4-4-6 Cable SEU Aluminum	5,759.73	1,733.79
26 05 19 16-0143	MLF	4-4-4 Cable SEU Aluminum	6,029.00	1,807.04
26 05 19 16-0144	MLF	2-2-4 Cable SEU Aluminum	7,207.61	2,138.31
26 05 19 16-0145	MLF	2-2-2 Cable SEU Aluminum	7,646.35	2,250.82
26 05 19 16-0146	MLF	1-1-1 Cable SEU Aluminum	9,151.31	2,565.92
26 05 19 16-0147	MLF	1/0-1/0-2 Cable SEU Aluminum	9,683.45	2,701.01
26 05 19 16-0148	MLF	1/0-1/0-1/0 Cable SEU Aluminum	11,664.80	2,850.98
26 05 19 16-0149	MLF	2/0-2/0-1 Cable SEU Aluminum	10,934.43	3,054.72
26 05 19 16-0150	MLF	2/0-2/0-2/0 Cable SEU Aluminum	11,546.40	3,207.40
26 05 19 16-0151	MLF	3/0-3/0-1/0 Cable SEU Aluminum	12,545.35	3,358.52
26 05 19 16-0152	MLF	3/0-3/0-3/0 Cable SEU Aluminum	13,414.37	3,563.80
26 05 19 16-0153	MLF	4/0-4/0-2/0 Cable SEU Aluminum	14,184.27	3,852.72
26 05 19 16-0154	MLF	4/0-4/0-4/0 Cable SEU Aluminum	14,966.06	4,009.24
26 05 19 16-0155		**SER Cable Copper, 4 Conductor** *(26 05 19 16-0094)*		
26 05 19 16-0156	MLF	6-6-6-6 Cable SER Copper	10,635.76	1,848.61
26 05 19 16-0157	MLF	4-4-4-6 Cable SER Copper	11,660.08	2,001.54
26 05 19 16-0158	MLF	3-3-3-5 Cable SER Copper	14,426.82	2,258.78
26 05 19 16-0159	MLF	2-2-2-4 Cable SER Copper	16,503.43	2,462.51
26 05 19 16-0160	MLF	1-1-1-3 Cable SER Copper	19,230.15	2,819.69
26 05 19 16-0161	MLF	1/0-1/0-1/0-2 Cable SER Copper	23,400.58	3,231.64
26 05 19 16-0162	MLF	2/0-2/0-2/0-1 Cable SER Copper	29,260.84	3,486.31
26 05 19 16-0163	MLF	3/0-3/0-3/0-1/0 Cable SER Copper	33,784.68	3,899.54
26 05 19 16-0164		**SER Cable Aluminum, 4 Conductor** *(26 05 19 16-0094)*		
26 05 19 16-0165	MLF	8-8-8-8 Cable SER Aluminum	5,278.81	1,725.45
26 05 19 16-0166	MLF	6-6-6-6 Cable SER Aluminum	5,727.76	1,848.61
26 05 19 16-0167	MLF	4-4-4-6 Cable SER Aluminum	6,354.37	2,001.54
26 05 19 16-0168	MLF	2-2-2-4 Cable SER Aluminum	7,955.01	2,462.51
26 05 19 16-0169	MLF	1-1-1-3 Cable SER Aluminum	9,455.18	2,819.69
26 05 19 16-0170	MLF	1/0-1/0-1/0-2 Cable SER Aluminum	10,720.62	3,231.64
26 05 19 16-0171	MLF	2/0-2/0-2/0-1 Cable SER Aluminum	11,886.00	3,486.31
26 05 19 16-0172	MLF	3/0-3/0-3/0-1/0 Cable SER Aluminum	13,473.47	3,899.54
26 05 19 16-0173	MLF	4/0-4/0-4/0-2/0 Cable SER Aluminum	15,230.41	4,345.24
26 05 19 16-0174		**Control Tray Cable, Low Voltage** *(26 05 19 16-0011)*		
		Note: Type "TC" multi-conductor (individually numbered conductors) control cables installed in conduit.		
26 05 19 16-0175	MLF	2 Conductor #18 AWG, Stranded, Type TC Control Cable	1,176.10	568.61
		For Work In Restricted Working Space, Add	*284.31*	
26 05 19 16-0176	MLF	3 Conductor #18 AWG, Stranded, Type TC Control Cable	1,353.77	636.07
		For Work In Restricted Working Space, Add	*318.03*	
26 05 19 16-0177	MLF	4 Conductor #18 AWG, Stranded, Type TC Control Cable	1,413.60	636.02
		For Work In Restricted Working Space, Add	*318.03*	
26 05 19 16-0178	MLF	5 Conductor #18 AWG, Stranded, Type TC Control Cable	1,770.10	797.75
		For Work In Restricted Working Space, Add	*398.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0179	MLF	7 Conductor #18 AWG, Stranded, Type TC Control Cable	2,223.89	972.13
		For Work In Restricted Working Space, Add	*486.07*	
26 05 19 16-0180	MLF	9 Conductor #18 AWG, Stranded, Type TC Control Cable	2,532.19	1,069.01
		For Work In Restricted Working Space, Add	*534.51*	
26 05 19 16-0181	MLF	12 Conductor #18 AWG, Stranded, Type TC Control Cable	3,003.36	1,214.66
		For Work In Restricted Working Space, Add	*607.34*	
26 05 19 16-0182	MLF	15 Conductor #18 AWG, Stranded, Type TC Control Cable	3,790.53	1,484.66
		For Work In Restricted Working Space, Add	*742.33*	
26 05 19 16-0183	MLF	19 Conductor #18 AWG, Stranded, Type TC Control Cable	4,320.14	1,619.70
		For Work In Restricted Working Space, Add	*809.85*	
26 05 19 16-0184	MLF	25 Conductor #18 AWG, Stranded, Type TC Control Cable	5,078.89	1,670.34
		For Work In Restricted Working Space, Add	*835.17*	
26 05 19 16-0185	MLF	30 Conductor #18 AWG, Stranded, Type TC Control Cable	6,235.08	2,086.69
		For Work In Restricted Working Space, Add	*1,043.34*	
26 05 19 16-0186	MLF	37 Conductor #18 AWG, Stranded, Type TC Control Cable	7,468.92	2,438.69
		For Work In Restricted Working Space, Add	*1,219.34*	
26 05 19 16-0187	MLF	2 Conductor #16 AWG, Stranded, Type TC Control Cable	1,283.03	598.98
		For Work In Restricted Working Space, Add	*299.25*	
26 05 19 16-0188	MLF	3 Conductor #16 AWG, Stranded, Type TC Control Cable	1,482.99	669.54
		For Work In Restricted Working Space, Add	*334.77*	
26 05 19 16-0189	MLF	4 Conductor #16 AWG, Stranded, Type TC Control Cable	1,726.56	770.82
		For Work In Restricted Working Space, Add	*385.41*	
26 05 19 16-0190	MLF	5 Conductor #16 AWG, Stranded, Type TC Control Cable	1,950.21	839.73
		For Work In Restricted Working Space, Add	*419.87*	
26 05 19 16-0191	MLF	7 Conductor #16 AWG, Stranded, Type TC Control Cable	2,460.08	1,023.30
		For Work In Restricted Working Space, Add	*511.65*	
26 05 19 16-0192	MLF	9 Conductor #16 AWG, Stranded, Type TC Control Cable	2,813.58	1,125.28
		For Work In Restricted Working Space, Add	*562.64*	
26 05 19 16-0193	MLF	12 Conductor #16 AWG, Stranded, Type TC Control Cable	3,354.63	1,278.60
		For Work In Restricted Working Space, Add	*639.30*	
26 05 19 16-0194	MLF	15 Conductor #16 AWG, Stranded, Type TC Control Cable	4,249.67	1,562.73
		For Work In Restricted Working Space, Add	*781.37*	
26 05 19 16-0195	MLF	19 Conductor #16 AWG, Stranded, Type TC Control Cable	4,867.13	1,704.80
		For Work In Restricted Working Space, Add	*852.40*	
26 05 19 16-0196	MLF	25 Conductor #16 AWG, Stranded, Type TC Control Cable	5,799.17	1,758.25
		For Work In Restricted Working Space, Add	*879.12*	
26 05 19 16-0197	MLF	30 Conductor #16 AWG, Stranded, Type TC Control Cable	7,107.26	2,196.40
		For Work In Restricted Working Space, Add	*1,098.20*	
26 05 19 16-0198	MLF	37 Conductor #16 AWG, Stranded, Type TC Control Cable	8,533.95	2,567.04
		For Work In Restricted Working Space, Add	*1,283.52*	
26 05 19 16-0199	MLF	2 Conductor #14 AWG, Stranded, Type TC Control Cable	1,388.75	625.23
		For Work In Restricted Working Space, Add	*312.62*	
26 05 19 16-0200	MLF	3 Conductor #14 AWG, Stranded, Type TC Control Cable	1,654.82	703.30
		For Work In Restricted Working Space, Add	*351.65*	
26 05 19 16-0201	MLF	4 Conductor #14 AWG, Stranded, Type TC Control Cable	1,938.00	803.87
		For Work In Restricted Working Space, Add	*401.93*	
26 05 19 16-0202	MLF	5 Conductor #14 AWG, Stranded, Type TC Control Cable	2,177.11	865.76
		For Work In Restricted Working Space, Add	*432.88*	
26 05 19 16-0203	MLF	7 Conductor #14 AWG, Stranded, Type TC Control Cable	2,890.46	1,061.28
		For Work In Restricted Working Space, Add	*530.64*	
26 05 19 16-0204	MLF	9 Conductor #14 AWG, Stranded, Type TC Control Cable	3,327.20	1,172.16
		For Work In Restricted Working Space, Add	*586.20*	
26 05 19 16-0205	MLF	12 Conductor #14 AWG, Stranded, Type TC Control Cable	4,070.07	1,308.14
		For Work In Restricted Working Space, Add	*654.07*	
26 05 19 16-0206	MLF	15 Conductor #14 AWG, Stranded, Type TC Control Cable	4,861.49	1,562.50
		For Work In Restricted Working Space, Add	*781.37*	
26 05 19 16-0207	MLF	19 Conductor #14 AWG, Stranded, Type TC Control Cable	8,137.46	1,815.69
		For Work In Restricted Working Space, Add	*907.61*	
26 05 19 16-0208	MLF	25 Conductor #14 AWG, Stranded, Type TC Control Cable	7,264.07	2,122.79
		For Work In Restricted Working Space, Add	*1,061.63*	
26 05 19 16-0209	MLF	30 Conductor #14 AWG, Stranded, Type TC Control Cable	8,434.28	2,372.23
		For Work In Restricted Working Space, Add	*1,186.12*	
26 05 19 16-0210	MLF	37 Conductor #14 AWG, Stranded, Type TC Control Cable	10,152.89	2,772.40
		For Work In Restricted Working Space, Add	*1,386.20*	
26 05 19 16-0211	MLF	2 Conductor #12 AWG, Stranded, Type TC Control Cable	1,612.15	669.54
		For Work In Restricted Working Space, Add	*334.77*	
26 05 19 16-0212	MLF	3 Conductor #12 AWG, Stranded, Type TC Control Cable	1,920.89	740.81
		For Work In Restricted Working Space, Add	*370.29*	
26 05 19 16-0213	MLF	4 Conductor #12 AWG, Stranded, Type TC Control Cable	2,331.60	852.40
		For Work In Restricted Working Space, Add	*426.20*	
26 05 19 16-0214	MLF	5 Conductor #12 AWG, Stranded, Type TC Control Cable	2,633.76	907.26
		For Work In Restricted Working Space, Add	*453.63*	
26 05 19 16-0215	MLF	7 Conductor #12 AWG, Stranded, Type TC Control Cable	3,461.50	1,081.68
		For Work In Restricted Working Space, Add	*540.84*	
26 05 19 16-0216	MLF	9 Conductor #12 AWG, Stranded, Type TC Control Cable	4,265.56	1,278.60
		For Work In Restricted Working Space, Add	*639.30*	
26 05 19 16-0217	MLF	12 Conductor #12 AWG, Stranded, Type TC Control Cable	5,177.69	1,442.47
		For Work In Restricted Working Space, Add	*721.23*	
26 05 19 16-0218	MLF	15 Conductor #12 AWG, Stranded, Type TC Control Cable	6,157.11	1,654.86
		For Work In Restricted Working Space, Add	*827.43*	
26 05 19 16-0219	MLF	19 Conductor #12 AWG, Stranded, Type TC Control Cable	7,272.94	1,875.70
		For Work In Restricted Working Space, Add	*937.85*	
26 05 19 16-0220	MLF	25 Conductor #12 AWG, Stranded, Type TC Control Cable	9,295.98	2,192.18
		For Work In Restricted Working Space, Add	*1,096.09*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0221	MLF	30 Conductor #12 AWG, Stranded, Type TC Control Cable	10,767.00	2,562.12
		For Work In Restricted Working Space, Add	*1,281.06*	
26 05 19 16-0222	MLF	37 Conductor #12 AWG, Stranded, Type TC Control Cable	13,012.78	2,994.64
		For Work In Restricted Working Space, Add	*1,497.32*	
26 05 19 16-0223	MLF	2 Conductor #10 AWG, Stranded, Type TC Control Cable	1,913.14	703.30
		For Work In Restricted Working Space, Add	*351.65*	
26 05 19 16-0224	MLF	3 Conductor #10 AWG, Stranded, Type TC Control Cable	2,379.17	771.28
		For Work In Restricted Working Space, Add	*385.41*	
26 05 19 16-0225	MLF	4 Conductor #10 AWG, Stranded, Type TC Control Cable	2,892.79	879.12
		For Work In Restricted Working Space, Add	*439.56*	
26 05 19 16-0226	MLF	5 Conductor #10 AWG, Stranded, Type TC Control Cable	3,356.93	953.68
		For Work In Restricted Working Space, Add	*476.84*	
26 05 19 16-0227	MLF	7 Conductor #10 AWG, Stranded, Type TC Control Cable	4,537.48	1,197.01
		For Work In Restricted Working Space, Add	*598.51*	
26 05 19 16-0228	MLF	9 Conductor #10 AWG, Stranded, Type TC Control Cable	5,373.66	1,339.78
		For Work In Restricted Working Space, Add	*669.89*	
26 05 19 16-0229	MLF	12 Conductor #10 AWG, Stranded, Type TC Control Cable	6,261.87	1,562.73
		For Work In Restricted Working Space, Add	*781.37*	
26 05 19 16-0230	MLF	15 Conductor #10 AWG, Stranded, Type TC Control Cable	7,397.17	1,787.08
		For Work In Restricted Working Space, Add	*893.54*	
26 05 19 16-0231	MLF	19 Conductor #10 AWG, Stranded, Type TC Control Cable	8,766.65	2,025.50
		For Work In Restricted Working Space, Add	*1,012.75*	
26 05 19 16-0232	MLF	25 Conductor #10 AWG, Stranded, Type TC Control Cable	11,280.55	2,367.30
		For Work In Restricted Working Space, Add	*1,183.65*	
26 05 19 16-0233	MLF	30 Conductor #10 AWG, Stranded, Type TC Control Cable	13,057.15	2,766.78
		For Work In Restricted Working Space, Add	*1,383.39*	
26 05 19 16-0234	MLF	37 Conductor #10 AWG, Stranded, Type TC Control Cable	15,819.00	3,234.47
		For Work In Restricted Working Space, Add	*1,617.23*	

26 05 19 16-0235 Multi-Conductor Cords, Cables And Associated Equipment *(26 05 19 16-0011)*

26 05 19 16-0236 Cord Grips, Cable Reels, Extension Cords, And Accessories *(26 05 19 16-0235)*

26 05 19 16-0237 Cable Reels *(26 05 19 16-0236)*

Note: Includes handling, mounting, electrical connections and installing cord. See CSI section 26 05 19 16-0235 for cords.

26 05 23 Control-Voltage Electrical Power Cables *(26 05)*

26 05 23 00-0001 Cable For HVAC System Controls *(26 05 23)*

26 05 23 00-0002 Low Voltage Thermostat Cable To 300 Volt *(26 05 23 00-0001)*

Note: For surface or conduit installation.

26 05 23 00-0003	MLF	#20/2 Conductor, Low Volt Thermostat Cable	486.43	149.45
26 05 23 00-0004	MLF	#20/3 Conductor, Low Volt Thermostat Cable	550.07	157.42
26 05 23 00-0005	MLF	#20/4 Conductor, Low Volt Thermostat Cable	594.51	166.45
26 05 23 00-0006	MLF	#20/5 Conductor, Low Volt Thermostat Cable	701.41	173.48
26 05 23 00-0007	MLF	#20/6 Conductor, Low Volt Thermostat Cable	734.23	181.69
26 05 23 00-0008	MLF	#20/7 Conductor, Low Volt Thermostat Cable	804.62	189.24
26 05 23 00-0009	MLF	#20/8 Conductor, Low Volt Thermostat Cable	866.25	196.80
26 05 23 00-0010	MLF	#20/9 Conductor, Low Volt Thermostat Cable	936.88	204.66
26 05 23 00-0011	MLF	#20/10 Conductor, Low Volt Thermostat Cable	1,004.17	210.81
26 05 23 00-0012	MLF	#18/2 Conductor, Low Volt Thermostat Cable	523.12	149.45
26 05 23 00-0013	MLF	#18/3 Conductor, Low Volt Thermostat Cable	615.53	157.42
26 05 23 00-0014	MLF	#18/4 Conductor, Low Volt Thermostat Cable	698.37	166.45
26 05 23 00-0015	MLF	#18/5 Conductor, Low Volt Thermostat Cable	744.28	173.48
26 05 23 00-0016	MLF	#18/6 Conductor, Low Volt Thermostat Cable	820.35	181.69
26 05 23 00-0017	MLF	#18/7 Conductor, Low Volt Thermostat Cable	844.16	189.24
26 05 23 00-0018	MLF	#18/8 Conductor, Low Volt Thermostat Cable	926.59	196.80
26 05 23 00-0019	MLF	#18/9 Conductor, Low Volt Thermostat Cable	1,081.67	204.66
26 05 23 00-0020	MLF	#18/10 Conductor, Low Volt Thermostat Cable	1,182.75	210.81

26 05 26 Grounding and Bonding for Electrical Systems *(26 05)*

26 05 26 00-0001 Ground Rods *(26 05 26)*

26 05 26 00-0002 Copper-Clad Ground Rods *(26 05 26 00-0001)*

26 05 26 00-0003	EA	1/2" Diameter x 8' Long Copper-Clad Ground Rods	106.50	96.22
26 05 26 00-0004	EA	5/8" Diameter x 8' Long Copper-Clad Ground Rods	110.63	96.22
26 05 26 00-0005	EA	3/4" Diameter x 8' Long Copper-Clad Ground Rods	127.30	96.22
26 05 26 00-0006	EA	1/2" Diameter x 10' Long Copper-Clad Ground Rods	125.12	96.22
26 05 26 00-0007	EA	5/8" Diameter x 10' Long Copper-Clad Ground Rods	130.29	96.22
26 05 26 00-0008	EA	3/4" Diameter x 10' Long Copper-Clad Ground Rods	151.12	96.22

26 05 26 00-0009 Copper Grounding Shaft *(26 05 26 00-0001)*

26 05 26 00-0010	EA	2-1/8" Diameter x 10' Long Copper Grounding Shaft	359.34	96.22
26 05 26 00-0011	EA	2-1/8" Diameter "L" Shaped; 3' Riser x 10' Horizontal Copper Grounding Shaft	446.63	96.22
26 05 26 00-0012	EA	2-1/8" Diameter "L" Shaped; 3' Riser x 20' Horizontal Copper Grounding Shaft	690.51	96.22

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 26 00-0013		Ground Access Wells *(26 05 26 00-0001)*		
26 05 26 00-0014		Precast Ground Access Wells *(26 05 26 00-0013)*		
26 05 26 00-0015	EA	8" Diameter x 24" Deep Precast Ground Access Well Note: With cast iron grate.	295.10	
26 05 26 00-0016	EA	10" Diameter x 24" Deep Precast Ground Access Well Note: With cast iron grate.	305.85	
26 05 26 00-0017	EA	12" Diameter x 24" Deep Precast Ground Access Well Note: With cast iron grate.	891.61	
26 05 26 00-0018	EA	18" Diameter x 24" Deep Precast Ground Access Well Note: With cast iron grate.	902.36	
26 05 26 00-0019		Polymer Concrete Ground Access Well *(26 05 26 00-0013)*		
26 05 26 00-0020	EA	12" x 12" x 12" Polymer Concrete Ground Access Well	562.19	
26 05 26 00-0021	EA	12" x 12" x 12" Heavy-Duty Polymer Concrete Ground Access Well	616.89	
26 05 26 00-0022	EA	12" x 12" x 18" Polymer Concrete Ground Access Well	619.58	
26 05 26 00-0023	EA	12" x 12" x 18" Heavy-Duty Polymer Concrete Ground Access Well	679.77	
26 05 26 00-0024	EA	12" x 12" x 24" Polymer Concrete Ground Access Well	679.18	
26 05 26 00-0025	EA	12" x 12" x 24" Heavy-Duty Polymer Concrete Ground Access Well	745.37	
26 05 26 00-0026	EA	13" x 24" x 18" Polymer Concrete Ground Access Well	906.74	
26 05 26 00-0027	EA	13" x 24" x 18" Heavy-Duty Polymer Concrete Ground Access Well	997.04	
26 05 26 00-0028		High-Density Polyethylene (HDPE) Ground Access Well *(26 05 26 00-0013)*		
26 05 26 00-0029	EA	9" Diameter x 10" Deep High-Density Polyethylene (HDPE) Ground Access Well Note: With cover.	204.03	
26 05 26 00-0030	EA	14" Diameter x 18" Deep High-Density Polyethylene (HDPE) Ground Access Well Note: With cover.	284.60	
26 05 26 00-0031		Clay Tile Ground Access Wells *(26 05 26 00-0013)*		
26 05 26 00-0032	EA	8" Diameter x 24" Deep Clay Tile Ground Access Well With Concrete Cover	322.60	
26 05 26 00-0033	EA	8" Diameter x 24" Deep Clay Tile Ground Access Well With Cast Iron Grated Cover	339.36	
26 05 26 00-0034	EA	Concrete Cover For 8" Diameter x 24" Deep Clay Tile Ground Access Well	103.28	
26 05 26 00-0035		Ground Rod Clamps And Fittings *(26 05 26)*		
26 05 26 00-0036		Bronze Ground Rod Clamp *(26 05 26 00-0035)*		
26 05 26 00-0037	EA	1/2" Bronze Ground Rod Clamp	25.09	14.50
26 05 26 00-0038	EA	5/8" Bronze Ground Rod Clamp	26.13	14.50
26 05 26 00-0039	EA	3/4" Bronze Ground Rod Clamp	27.61	14.50
26 05 26 00-0040		Bronze Pipe Clamps *(26 05 26 00-0035)*		
26 05 26 00-0041	EA	1/2" To 1" Bronze Pipe Ground Clamps	33.88	24.12
26 05 26 00-0042	EA	1-1/4" To 2" Bronze Ground Clamps For Pipe	42.49	28.87
26 05 26 00-0043	EA	2-1/2" To 3" Bronze Ground Clamps For Pipe	59.92	33.74
26 05 26 00-0044	EA	2-1/2" To 4" Bronze Ground Clamps For Pipe	74.04	43.36
26 05 26 00-0045	EA	4" To 6" Bronze Ground Clamps For Pipe	112.00	62.61
26 05 26 00-0046		Grounding Fittings *(26 05 26 00-0035)*		
26 05 26 00-0047		Embedded Fittings *(26 05 26 00-0046)*		
26 05 26 00-0048	EA	Ground Insert With Two 3/8 x 16 Holes #2 To 250 MCM Cable Range, Embedded	168.79	
26 05 26 00-0049	EA	Ground Insert With Four 3/8 x 16 Holes #2 To 250 MCM Cable Range, Embedded	178.22	
26 05 26 00-0050	EA	Ground Insert With Four 3/8 x 16 Holes 250 To 500 MCM Cable Range, Embedded	194.96	
26 05 26 00-0051	EA	#8 To 1 AWG, Copper To Aluminum, Grounding Wire Splice	168.56	
26 05 26 00-0052	EA	1/0 To 3/0 AWG, Copper To Aluminum, Grounding Wire Splice	202.01	
26 05 26 00-0053	EA	4/0 To 300 MCM, Copper To Aluminum, Grounding Wire Splice	236.81	
26 05 26 00-0054	EA	350 To 500 MCM, Copper To Aluminum, Grounding Wire Splice	266.56	
26 05 26 00-0055		Ground Rod Receptacle *(26 05 26 00-0046)*		
26 05 26 00-0056	EA	1/2" Ground Rod Receptacle	363.05	133.43
26 05 26 00-0057	EA	5/8" Ground Rod Receptacle	378.84	137.19
26 05 26 00-0058	EA	3/4" Ground Rod Receptacle	395.03	140.92
26 05 26 00-0059		Ground Kits For Circuit Breaker Panels *(26 05 26 00-0046)*		
26 05 26 00-0060	EA	14-8 AWG Copper Ground Kit	81.91	32.08
26 05 26 00-0061	EA	12-8 AWG Aluminum Ground Kit	89.82	32.08
26 05 26 00-0062	EA	14-4 AWG Copper Ground Kit	89.84	32.08
26 05 26 00-0063	EA	12-4 AWG Aluminum Ground Kit	107.79	32.08
26 05 26 00-0064		Insulated Grounding Bars *(26 05 26 00-0035)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 26 00-0065	EA	1/2" x 4" x 10" Insulated Ground Bar	331.98	32.21
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*57.73*	
26 05 26 00-0066	EA	Insulated Ground Bar SK 9560 1/2" x 4" x 20"	347.30	32.21
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*57.73*	

26 05 26 00-0067 Ground Conductor Bonding *(26 05 26)*

26 05 26 00-0068 Ground Conductor Bonding *(26 05 26 00-0067)*

26 05 26 00-0069 Splice, Lug, Ground Rod, Rebar Or Structural Steel Cadweld *(26 05 26 00-0068)*

26 05 26 00-0070	EA	Up To #6 AWG Cadweld Connection For Splice, Lug, Ground Rod, Rebar Or Structural Steel Note: Includes molds, materials and all necessary tools to make connections.	148.77
26 05 26 00-0071	EA	#4 To #1 AWG Cadweld Connection For Splice, Lug, Ground Rod, Rebar Or Structural Steel Note: Includes molds, materials and all necessary tools to make connections.	161.59
26 05 26 00-0072	EA	1/0 To 4/0 AWG Cadweld Connection For Splice, Lug, Ground Rod, Rebar Or Structural Steel Note: Includes molds, materials and all necessary tools to make connections.	174.43
26 05 26 00-0073	EA	250 To 1,000 MCM AWG Cadweld Connection For Splice, Lug, Ground Rod, Rebar Or Structural Steel Note: Includes molds, materials and all necessary tools to make connections.	251.40

26 05 26 00-0074 Tee, Wye Or Cross Cadweld *(26 05 26 00-0068)*

26 05 26 00-0075	EA	Up To #6 AWG Cadweld Connection For Tee, Wye Or Cross Note: Includes molds, materials and all necessary tools to make connections.	168.01
26 05 26 00-0076	EA	#4 To #1 AWG Cadweld Connection For Tee, Wye Or Cross Note: Includes molds, materials and all necessary tools to make connections.	193.66
26 05 26 00-0077	EA	1/0 To 4/0 AWG Cadweld Connection For Tee, Wye Or Cross Note: Includes molds, materials and all necessary tools to make connections.	238.58
26 05 26 00-0078	EA	250 To 1,000 MCM AWG Cadweld Connection For Tee, Wye Or Cross Note: Includes molds, materials and all necessary tools to make connections.	289.88

26 05 26 00-0079 Grounding Equipment *(26 05 26)*

26 05 26 00-0080 Special Grounding Equipment *(26 05 26 00-0079)*

26 05 26 00-0081 Ground Reels And Ground Bus *(26 05 26 00-0080)*

26 05 26 00-0082	EA	Ground Reel With 50' Of Galvanized Steel Cable	739.30

26 05 26 00-0083 Copper Bars *(26 05 26 00-0080)*

26 05 26 00-0084	LF	1/4" x 2" Copper Bar	43.34

26 05 26 00-0085 Phenolic Insulators *(26 05 26 00-0080)*

26 05 26 00-0086	EA	2" x 2" x 1" Long Phenolic Insulators	32.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.70*

26 05 26 00-0087 Grounding Studs *(26 05 26 00-0080)*

26 05 26 00-0088	EA	Ball Grounding Stud	47.60
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.49*

26 05 26 00-0089 Equipment Ground Bar Kits *(26 05 26 00-0080)*

26 05 26 00-0090	EA	Switch Rating 30 Ground Bar Kit	36.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.70*
26 05 26 00-0091	EA	Switch Rating 60 Ground Bar Kit	45.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.47*
26 05 26 00-0092	EA	Switch Rating 100 Ground Bar Kit	53.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.62*
26 05 26 00-0093	EA	Switch Rating 200 Ground Bar Kit	90.00
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.55*

26 05 26 00-0094 Panelboard Ground Bar Kits *(26 05 26 00-0080)*

26 05 26 00-0095	EA	Panelboard Ground Bar Kit	127.22	9.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.62*	

26 05 26 00-0096 Circuit Breaker Ground Bar Kits *(26 05 26 00-0080)*

26 05 26 00-0097	EA	3 Circuit, Ground Bar Kit	29.90	5.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.77*	
26 05 26 00-0098	EA	4 Circuit, Ground Bar Kit	29.41	5.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.77*	
26 05 26 00-0099	EA	7 Circuit, Ground Bar Kit	30.23	5.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.77*	
26 05 26 00-0100	EA	12 Circuit, Ground Bar Kit	34.28	6.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.54*	
26 05 26 00-0101	EA	20 Circuit, Ground Bar Kit	38.98	7.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.31*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 26 00-0102		EA	24 Circuit, Ground Bar Kit	43.03	8.09
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.09*	
26 05 26 00-0103		EA	30 Circuit, Ground Bar Kit	48.18	9.24
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.24*	
26 05 26 00-0104		EA	54 Circuit, Ground Bar Kit	55.78	10.77
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.78*	
26 05 26 00-0105		EA	24 Circuit, Ground Bar Kit With #1 To 4/0 Aluminum/Copper Lug	59.59	8.09
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.09*	
26 05 26 00-0106		EA	30 Circuit, Ground Bar Kit With #1 To 4/0 Aluminum/Copper Lug	66.06	9.24
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.24*	
26 05 26 00-0107		EA	54 Circuit, Ground Bar Kit With #1 To 4/0 Aluminum/Copper Lug	73.82	10.77
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.78*	

26 05 29 Hangers and Supports for Electrical Systems *(26 05)*

26 05 29 00-0001 Supports *(26 05 29)*

26 05 29 00-0002 One Hole Steel Conduit Straps *(26 05 29 00-0001)*

26 05 29 00-0003		EA	1/2", One Hole Steel Conduit Strap	4.69
			For >100 To 250, Deduct	*-0.44*
			For >50 To 100, Deduct	*-0.22*
			For >250 To 500, Deduct	*-0.87*
			For Installation On Concrete (Includes Drilling And Fastener), Add	*1.13*
			For Work In Restricted Working Space, Add	*1.23*
			For >500, Deduct	*-1.29*
26 05 29 00-0004		EA	3/4", One Hole Steel Conduit Strap	4.75
			For >100 To 250, Deduct	*-0.44*
			For >50 To 100, Deduct	*-0.22*
			For >250 To 500, Deduct	*-0.87*
			For Installation On Concrete (Includes Drilling And Fastener), Add	*1.13*
			For Work In Restricted Working Space, Add	*1.23*
			For >500, Deduct	*-1.30*
26 05 29 00-0005		EA	1", One Hole Steel Conduit Strap	5.05
			For >100 To 250, Deduct	*-0.46*
			For >50 To 100, Deduct	*-0.23*
			For >250 To 500, Deduct	*-0.89*
			For Installation On Concrete (Includes Drilling And Fastener), Add	*1.13*
			For Work In Restricted Working Space, Add	*1.23*
			For >500, Deduct	*-1.33*
26 05 29 00-0006		EA	1-1/4", One Hole Steel Conduit Strap	5.27
			For >100 To 250, Deduct	*-0.47*
			For >50 To 100, Deduct	*-0.23*
			For >250 To 500, Deduct	*-0.91*
			For Installation On Concrete (Includes Drilling And Fastener), Add	*1.13*
			For Work In Restricted Working Space, Add	*1.23*
			For >500, Deduct	*-1.35*
26 05 29 00-0007		EA	1-1/2", One Hole Steel Conduit Strap	5.42
			For >100 To 250, Deduct	*-0.48*
			For >50 To 100, Deduct	*-0.24*
			For >250 To 500, Deduct	*-0.92*
			For Installation On Concrete (Includes Drilling And Fastener), Add	*1.13*
			For Work In Restricted Working Space, Add	*1.23*
			For >500, Deduct	*-1.36*
26 05 29 00-0008		EA	2", One Hole Steel Conduit Strap	6.33
			For >100 To 250, Deduct	*-0.52*
			For >50 To 100, Deduct	*-0.26*
			For >250 To 500, Deduct	*-0.99*
			For Installation On Concrete (Includes Drilling And Fastener), Add	*1.13*
			For Work In Restricted Working Space, Add	*1.23*
			For >500, Deduct	*-1.46*
26 05 29 00-0009		EA	2-1/2", One Hole Steel Conduit Strap	7.26
			For >100 To 250, Deduct	*-0.57*
			For >50 To 100, Deduct	*-0.28*
			For >250 To 500, Deduct	*-1.06*
			For Installation On Concrete (Includes Drilling And Fastener), Add	*1.13*
			For Work In Restricted Working Space, Add	*1.23*
			For >500, Deduct	*-1.55*
26 05 29 00-0010		EA	3", One Hole Steel Conduit Strap	7.57
			For >100 To 250, Deduct	*-0.58*
			For >50 To 100, Deduct	*-0.29*
			For >250 To 500, Deduct	*-1.08*
			For Installation On Concrete (Includes Drilling And Fastener), Add	*1.13*
			For Work In Restricted Working Space, Add	*1.23*
			For >500, Deduct	*-1.58*
26 05 29 00-0011		EA	3-1/2", One Hole Steel Conduit Strap	9.09
			For >100 To 250, Deduct	*-0.66*
			For >50 To 100, Deduct	*-0.33*
			For >250 To 500, Deduct	*-1.20*
			For Installation On Concrete (Includes Drilling And Fastener), Add	*1.13*
			For Work In Restricted Working Space, Add	*1.23*
			For >500, Deduct	*-1.73*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0012	EA	4", One Hole Steel Conduit Strap	10.31	
		For >100 To 250, Deduct	*-0.72*	
		For >50 To 100, Deduct	*-0.36*	
		For >250 To 500, Deduct	*-1.29*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.13*	
		For Work In Restricted Working Space, Add	*1.23*	
		For >500, Deduct	*-1.85*	

26 05 29 00-0013 Two Hole Steel Conduit Straps *(26 05 29 00-0001)*

26 05 29 00-0014	EA	1/2", Two Hole Steel Conduit Strap	5.43	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.36*	
		For >100 To 250, Deduct	*-0.50*	
		For >50 To 100, Deduct	*-0.25*	
		For >250 To 500, Deduct	*-0.98*	
		For Work In Restricted Working Space, Add	*1.39*	
		For >500, Deduct	*-1.47*	
26 05 29 00-0015	EA	3/4", Two Hole Steel Conduit Strap	5.53	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.36*	
		For >100 To 250, Deduct	*-0.51*	
		For >50 To 100, Deduct	*-0.25*	
		For >250 To 500, Deduct	*-0.99*	
		For Work In Restricted Working Space, Add	*1.39*	
		For >500, Deduct	*-1.48*	
26 05 29 00-0016	EA	1", Two Hole Steel Conduit Strap	5.58	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.36*	
		For >100 To 250, Deduct	*-0.51*	
		For >50 To 100, Deduct	*-0.26*	
		For >250 To 500, Deduct	*-1.00*	
		For Work In Restricted Working Space, Add	*1.39*	
		For >500, Deduct	*-1.48*	
26 05 29 00-0017	EA	1-1/4", Two Hole Steel Conduit Strap	5.65	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.36*	
		For >100 To 250, Deduct	*-0.51*	
		For >50 To 100, Deduct	*-0.26*	
		For >250 To 500, Deduct	*-1.00*	
		For Work In Restricted Working Space, Add	*1.39*	
		For >500, Deduct	*-1.49*	
26 05 29 00-0018	EA	1-1/2", Two Hole Steel Conduit Strap	5.70	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.36*	
		For >100 To 250, Deduct	*-0.52*	
		For >50 To 100, Deduct	*-0.26*	
		For >250 To 500, Deduct	*-1.01*	
		For Work In Restricted Working Space, Add	*1.39*	
		For >500, Deduct	*-1.49*	
26 05 29 00-0019	EA	2", Two Hole Steel Conduit Strap	5.83	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.36*	
		For >100 To 250, Deduct	*-0.52*	
		For >50 To 100, Deduct	*-0.26*	
		For >250 To 500, Deduct	*-1.01*	
		For Work In Restricted Working Space, Add	*1.39*	
		For >500, Deduct	*-1.51*	
26 05 29 00-0020	EA	2-1/2", Two Hole Steel Conduit Strap	6.52	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.36*	
		For >100 To 250, Deduct	*-0.56*	
		For >50 To 100, Deduct	*-0.28*	
		For >250 To 500, Deduct	*-1.07*	
		For Work In Restricted Working Space, Add	*1.39*	
		For >500, Deduct	*-1.58*	
26 05 29 00-0021	EA	3", Two Hole Steel Conduit Strap	6.67	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.36*	
		For >100 To 250, Deduct	*-0.56*	
		For >50 To 100, Deduct	*-0.28*	
		For >250 To 500, Deduct	*-1.08*	
		For Work In Restricted Working Space, Add	*1.39*	
		For >500, Deduct	*-1.59*	
26 05 29 00-0022	EA	3-1/2", Two Hole Steel Conduit Strap	7.21	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.36*	
		For >100 To 250, Deduct	*-0.59*	
		For >50 To 100, Deduct	*-0.30*	
		For >250 To 500, Deduct	*-1.12*	
		For Work In Restricted Working Space, Add	*1.39*	
		For >500, Deduct	*-1.65*	
26 05 29 00-0023	EA	4", Two Hole Steel Conduit Strap	7.59	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.36*	
		For >100 To 250, Deduct	*-0.61*	
		For >50 To 100, Deduct	*-0.31*	
		For >250 To 500, Deduct	*-1.15*	
		For Work In Restricted Working Space, Add	*1.39*	
		For >500, Deduct	*-1.68*	

26 05 29 00-0024 Clamp Back Spacers *(26 05 29 00-0001)*

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0025		EA	1/2" Conduit, Clamp Back Spacer	4.37	
			For >100 To 250, Deduct	*-0.38*	
			For >50 To 100, Deduct	*-0.19*	
			For >250 To 500, Deduct	*-0.73*	
			For Installation On Concrete (Includes Drilling And Fastener), Add	*0.90*	
			For Work In Restricted Working Space, Add	*0.96*	
			For >500, Deduct	*-1.08*	
26 05 29 00-0026		EA	3/4" Conduit, Clamp Back Spacer	4.75	
			For >100 To 250, Deduct	*-0.40*	
			For >50 To 100, Deduct	*-0.20*	
			For >250 To 500, Deduct	*-0.76*	
			For Installation On Concrete (Includes Drilling And Fastener), Add	*0.90*	
			For Work In Restricted Working Space, Add	*0.96*	
			For >500, Deduct	*-1.12*	
26 05 29 00-0027		EA	1" Conduit, Clamp Back Spacer	5.11	
			For >100 To 250, Deduct	*-0.42*	
			For >50 To 100, Deduct	*-0.21*	
			For >250 To 500, Deduct	*-0.78*	
			For Installation On Concrete (Includes Drilling And Fastener), Add	*0.90*	
			For Work In Restricted Working Space, Add	*0.96*	
			For >500, Deduct	*-1.15*	
26 05 29 00-0028		EA	1-1/4" Conduit, Clamp Back Spacer	6.52	
			For >100 To 250, Deduct	*-0.49*	
			For >50 To 100, Deduct	*-0.24*	
			For >250 To 500, Deduct	*-0.89*	
			For Installation On Concrete (Includes Drilling And Fastener), Add	*0.90*	
			For Work In Restricted Working Space, Add	*0.96*	
			For >500, Deduct	*-1.29*	
26 05 29 00-0029		EA	1-1/2" Conduit, Clamp Back Spacer	7.65	
			For >100 To 250, Deduct	*-0.54*	
			For >50 To 100, Deduct	*-0.27*	
			For >250 To 500, Deduct	*-0.98*	
			For Installation On Concrete (Includes Drilling And Fastener), Add	*0.90*	
			For Work In Restricted Working Space, Add	*0.96*	
			For >500, Deduct	*-1.41*	
26 05 29 00-0030		EA	2" Conduit, Clamp Back Spacer	8.84	
			For >100 To 250, Deduct	*-0.60*	
			For >50 To 100, Deduct	*-0.30*	
			For >250 To 500, Deduct	*-1.06*	
			For Installation On Concrete (Includes Drilling And Fastener), Add	*0.90*	
			For Work In Restricted Working Space, Add	*0.96*	
			For >500, Deduct	*-1.53*	
26 05 29 00-0031		EA	2-1/2" Conduit, Clamp Back Spacer	13.67	
			For >100 To 250, Deduct	*-0.84*	
			For >50 To 100, Deduct	*-0.42*	
			For >250 To 500, Deduct	*-1.43*	
			For Installation On Concrete (Includes Drilling And Fastener), Add	*0.90*	
			For Work In Restricted Working Space, Add	*0.96*	
			For >500, Deduct	*-2.01*	
26 05 29 00-0032		EA	3" Conduit, Clamp Back Spacer	19.44	
			For >100 To 250, Deduct	*-1.13*	
			For >50 To 100, Deduct	*-0.57*	
			For >250 To 500, Deduct	*-1.86*	
			For Installation On Concrete (Includes Drilling And Fastener), Add	*0.90*	
			For Work In Restricted Working Space, Add	*0.96*	
			For >500, Deduct	*-2.59*	
26 05 29 00-0033		EA	3-1/2" Conduit, Clamp Back Spacer	25.05	
			For >100 To 250, Deduct	*-1.41*	
			For >50 To 100, Deduct	*-0.71*	
			For >250 To 500, Deduct	*-2.28*	
			For Installation On Concrete (Includes Drilling And Fastener), Add	*0.90*	
			For Work In Restricted Working Space, Add	*0.96*	
			For >500, Deduct	*-3.15*	
26 05 29 00-0034		EA	4" Conduit, Clamp Back Spacer	51.35	
			For >100 To 250, Deduct	*-2.73*	
			For >50 To 100, Deduct	*-1.36*	
			For >250 To 500, Deduct	*-4.25*	
			For Installation On Concrete (Includes Drilling And Fastener), Add	*0.90*	
			For Work In Restricted Working Space, Add	*0.96*	
			For >500, Deduct	*-5.78*	
26 05 29 00-0035			**Conduit Clips** *(26 05 29 00-0001)*		
			Note: Push in or clip.		
26 05 29 00-0036		EA	1/2" Conduit Clip	5.31	
			For >100 To 250, Deduct	*-0.47*	
			For >50 To 100, Deduct	*-0.24*	
			For >250 To 500, Deduct	*-0.91*	
			For Installation On Concrete (Includes Drilling And Fastener), Add	*1.13*	
			For >500, Deduct	*-1.35*	
26 05 29 00-0037		EA	3/4" Conduit Clip	5.31	
			For >100 To 250, Deduct	*-0.47*	
			For >50 To 100, Deduct	*-0.24*	
			For >250 To 500, Deduct	*-0.91*	
			For Installation On Concrete (Includes Drilling And Fastener), Add	*1.13*	
			For >500, Deduct	*-1.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0038	EA	1" Conduit Clip	5.22	
		For >100 To 250, Deduct	*-0.47*	
		For >50 To 100, Deduct	*-0.23*	
		For >250 To 500, Deduct	*-0.91*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.13*	
		For >500, Deduct	*-1.34*	
26 05 29 00-0039	EA	1-1/4" Conduit Clip	5.44	
		For >100 To 250, Deduct	*-0.48*	
		For >50 To 100, Deduct	*-0.24*	
		For >250 To 500, Deduct	*-0.92*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.13*	
		For >500, Deduct	*-1.37*	

26 05 29 00-0040 Bolt And Nut Conduit Clips *(26 05 29 00-0001)*

26 05 29 00-0041	EA	3/4" Bolt And Nut Conduit Clip (Minerallac 1B)	6.59	
		For >100 To 250, Deduct	*-0.59*	
		For >50 To 100, Deduct	*-0.29*	
		For >250 To 500, Deduct	*-1.14*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.38*	
		For >500, Deduct	*-1.69*	
26 05 29 00-0042	EA	1" Bolt And Nut Conduit Clip (Minerallac 2B)	6.82	
		For >100 To 250, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-0.30*	
		For >250 To 500, Deduct	*-1.15*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.38*	
		For >500, Deduct	*-1.71*	
26 05 29 00-0043	EA	1-1/4" Bolt And Nut Conduit Clip (Minerallac 2-1/2B)	7.27	
		For >100 To 250, Deduct	*-0.64*	
		For >50 To 100, Deduct	*-0.32*	
		For >250 To 500, Deduct	*-1.23*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.46*	
		For >500, Deduct	*-1.82*	
26 05 29 00-0044	EA	1-1/2" Bolt And Nut Conduit Clip (Minerallac 3B)	7.40	
		For >100 To 250, Deduct	*-0.64*	
		For >50 To 100, Deduct	*-0.32*	
		For >250 To 500, Deduct	*-1.24*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.46*	
		For >500, Deduct	*-1.83*	
26 05 29 00-0045	EA	2" Bolt And Nut Conduit Clip (Minerallac 5B)	8.28	
		For >100 To 250, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-0.34*	
		For >250 To 500, Deduct	*-1.30*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.46*	
		For >500, Deduct	*-1.92*	
26 05 29 00-0046	EA	2-1/2" Bolt And Nut Conduit Clip (Minerallac 6B)	8.98	
		For >100 To 250, Deduct	*-0.74*	
		For >50 To 100, Deduct	*-0.37*	
		For >250 To 500, Deduct	*-1.39*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.54*	
		For >500, Deduct	*-2.05*	
26 05 29 00-0047	EA	3" Bolt And Nut Conduit Clip (Minerallac 7B)	9.77	
		For >100 To 250, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-0.39*	
		For >250 To 500, Deduct	*-1.45*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.54*	
		For >500, Deduct	*-2.13*	
26 05 29 00-0048	EA	4" Bolt And Nut Conduit Clip (Minerallac 9B)	17.82	
		For >100 To 250, Deduct	*-1.21*	
		For >50 To 100, Deduct	*-0.61*	
		For >250 To 500, Deduct	*-2.14*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.70*	
		For >500, Deduct	*-3.06*	

26 05 29 00-0049 Conduit Hanger From Flange, Wire Or Rod *(26 05 29 00-0001)*

Note: Bat wing.

26 05 29 00-0050	EA	1/2", Conduit Hanger From Flange, Wire Or Rod	3.83	
		For >100 To 250, Deduct	*-0.35*	
		For >50 To 100, Deduct	*-0.17*	
		For >250 To 500, Deduct	*-0.67*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.87*	
		For >500, Deduct	*-1.00*	
26 05 29 00-0051	EA	3/4", Conduit Hanger From Flange, Wire Or Rod	3.89	
		For >100 To 250, Deduct	*-0.35*	
		For >50 To 100, Deduct	*-0.17*	
		For >250 To 500, Deduct	*-0.68*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.87*	
		For >500, Deduct	*-1.01*	
26 05 29 00-0052	EA	1", Conduit Hanger From Flange, Wire Or Rod	4.07	
		For >100 To 250, Deduct	*-0.36*	
		For >50 To 100, Deduct	*-0.18*	
		For >250 To 500, Deduct	*-0.69*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.87*	
		For >500, Deduct	*-1.02*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0053		EA	1-1/4", Conduit Hanger From Flange, Wire Or Rod	4.51	
			For >100 To 250, Deduct	*-0.38*	
			For >50 To 100, Deduct	*-0.19*	
			For >250 To 500, Deduct	*-0.72*	
			For Installation On Concrete (Includes Drilling And Fastener), Add	*0.87*	
			For >500, Deduct	*-1.07*	

26 05 29 00-0054 Beam Flange Clamps *(26 05 29 00-0001)*

Note: For threaded rod, nut not required.

26 05 29 00-0055		EA	1/8" To 1/4" Flange Thickness, Beam Clamp (Caddy 6TA24)	5.70	
			For >100 To 250, Deduct	*-0.45*	
			For >50 To 100, Deduct	*-0.22*	
			For >250 To 500, Deduct	*-0.83*	
			For >500, Deduct	*-1.21*	
26 05 29 00-0056		EA	5/16" To 1/2" Flange Thickness, Beam Clamp (Caddy 6TA58)	5.58	
			For >100 To 250, Deduct	*-0.44*	
			For >50 To 100, Deduct	*-0.22*	
			For >250 To 500, Deduct	*-0.82*	
			For >500, Deduct	*-1.20*	
26 05 29 00-0057		EA	9/16" To 3/4" Flange Thickness, Beam Clamp (Caddy 6TA912)	6.27	
			For >100 To 250, Deduct	*-0.47*	
			For >50 To 100, Deduct	*-0.24*	
			For >250 To 500, Deduct	*-0.87*	
			For >500, Deduct	*-1.27*	

26 05 29 00-0058 T-Bar Support Clips *(26 05 29 00-0001)*

26 05 29 00-0059		EA	9/16" Grid Size, Independent T-Bar Support Clip (Caddy IDS95)	9.42	
			For >100 To 250, Deduct	*-0.79*	
			For >50 To 100, Deduct	*-0.40*	
			For >250 To 500, Deduct	*-1.51*	
			For >500, Deduct	*-2.22*	
26 05 29 00-0060		EA	15/16" Grid Size, Independent T-Bar Support Clip (Caddy IDS)	8.89	
			For >100 To 250, Deduct	*-0.77*	
			For >50 To 100, Deduct	*-0.38*	
			For >250 To 500, Deduct	*-1.47*	
			For >500, Deduct	*-2.17*	
26 05 29 00-0061		EA	15/16 Grid Size, Twist On T-Bar Support Clip (Caddy 4G16)	3.45	
			For >100 To 250, Deduct	*-0.25*	
			For >50 To 100, Deduct	*-0.13*	
			For >250 To 500, Deduct	*-0.46*	
			For >500, Deduct	*-0.67*	
26 05 29 00-0062		EA	24" Long Snap On T-Bar Electrical Box Hanger (Caddy 512)	29.17	
			For >100 To 250, Deduct	*-1.59*	
			For >50 To 100, Deduct	*-0.79*	
			For >250 To 500, Deduct	*-2.51*	
			For >500, Deduct	*-3.43*	

26 05 29 00-0063 Switch And Outlet Box Type Supports *(26 05 29 00-0001)*

26 05 29 00-0064		EA	1/4" To 3/4" Drywall Thickness, Adjustable Switch And Outlet Box Support (Caddy MFS)	7.11	
			For >100 To 250, Deduct	*-0.48*	
			For >50 To 100, Deduct	*-0.24*	
			For >250 To 500, Deduct	*-0.85*	
			For >500, Deduct	*-1.23*	
26 05 29 00-0065		EA	1/2" Drywall Thickness, Riveted Switch And Outlet Box Support (Caddy MF500)	5.99	
			For >100 To 250, Deduct	*-0.43*	
			For >50 To 100, Deduct	*-0.21*	
			For >250 To 500, Deduct	*-0.77*	
			For >500, Deduct	*-1.11*	
26 05 29 00-0066		EA	Flush, Riveted Switch And Outlet Box Support (Caddy MFO)	6.95	
			For >100 To 250, Deduct	*-0.48*	
			For >50 To 100, Deduct	*-0.24*	
			For >250 To 500, Deduct	*-0.84*	
			For >500, Deduct	*-1.21*	
26 05 29 00-0067		EA	Snap On, Switch And Outlet Box Support (Caddy MSF)	4.40	
			For >100 To 250, Deduct	*-0.35*	
			For >50 To 100, Deduct	*-0.17*	
			For >250 To 500, Deduct	*-0.65*	
			For >500, Deduct	*-0.95*	
26 05 29 00-0068		EA	1/4-20 Thread Impression, Switch And Outlet Box Support (Caddy MFI)	4.60	
			For >100 To 250, Deduct	*-0.36*	
			For >50 To 100, Deduct	*-0.18*	
			For >250 To 500, Deduct	*-0.67*	
			For >500, Deduct	*-0.97*	

26 05 29 00-0069 Lighting Fixture Hanger *(26 05 29 00-0001)*

Note: For existing or owner furnished fixtures.

26 05 29 00-0070		EA	Lay-In/Troffer, Straight Lip Type Fixture Support Clip (Caddy 515)	6.22	
			For >100 To 250, Deduct	*-0.57*	
			For >50 To 100, Deduct	*-0.28*	
			For >250 To 500, Deduct	*-1.11*	
			For >500, Deduct	*-1.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0071	PR	Support Bars For Recessed "High Hat" Light Fixtures (Caddy 517)	22.82	
		For >100 To 250, Deduct	*-1.40*	
		For >50 To 100, Deduct	*-0.70*	
		For >250 To 500, Deduct	*-2.35*	
		For >500, Deduct	*-3.31*	
26 05 29 00-0072	PR	Support Bars For Recessed "Lightolier" Light Fixtures (Caddy 520)	31.54	
		For >100 To 250, Deduct	*-1.83*	
		For >50 To 100, Deduct	*-0.92*	
		For >250 To 500, Deduct	*-3.01*	
		For >500, Deduct	*-4.18*	
26 05 29 00-0073		Rigid Steel Conduit Clamps For Unistrut Channel *(26 05 29 00-0001)*		
26 05 29 00-0074	EA	1/2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	5.64	
		For >100 To 250, Deduct	*-0.47*	
		For >50 To 100, Deduct	*-0.24*	
		For >250 To 500, Deduct	*-0.90*	
		For Work In Restricted Working Space, Add	*1.16*	
		For >500, Deduct	*-1.33*	
26 05 29 00-0075	EA	3/4" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	5.67	
		For >100 To 250, Deduct	*-0.48*	
		For >50 To 100, Deduct	*-0.24*	
		For >250 To 500, Deduct	*-0.91*	
		For Work In Restricted Working Space, Add	*1.16*	
		For >500, Deduct	*-1.34*	
26 05 29 00-0076	EA	1" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	5.81	
		For >100 To 250, Deduct	*-0.48*	
		For >50 To 100, Deduct	*-0.24*	
		For >250 To 500, Deduct	*-0.92*	
		For Work In Restricted Working Space, Add	*1.16*	
		For >500, Deduct	*-1.35*	
26 05 29 00-0077	EA	1-1/4" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	7.28	
		For >100 To 250, Deduct	*-0.62*	
		For >50 To 100, Deduct	*-0.31*	
		For >250 To 500, Deduct	*-1.19*	
		For Work In Restricted Working Space, Add	*1.54*	
		For >500, Deduct	*-1.75*	
26 05 29 00-0078	EA	1-1/2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	8.01	
		For >100 To 250, Deduct	*-0.66*	
		For >50 To 100, Deduct	*-0.33*	
		For >250 To 500, Deduct	*-1.24*	
		For Work In Restricted Working Space, Add	*1.54*	
		For >500, Deduct	*-1.83*	
26 05 29 00-0079	EA	2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	8.09	
		For >100 To 250, Deduct	*-0.66*	
		For >50 To 100, Deduct	*-0.33*	
		For >250 To 500, Deduct	*-1.25*	
		For Work In Restricted Working Space, Add	*1.54*	
		For >500, Deduct	*-1.84*	
26 05 29 00-0080	EA	2-1/2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	9.89	
		For >100 To 250, Deduct	*-0.82*	
		For >50 To 100, Deduct	*-0.41*	
		For >250 To 500, Deduct	*-1.54*	
		For Work In Restricted Working Space, Add	*1.92*	
		For >500, Deduct	*-2.27*	
26 05 29 00-0081	EA	3" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	10.53	
		For >100 To 250, Deduct	*-0.85*	
		For >50 To 100, Deduct	*-0.42*	
		For >250 To 500, Deduct	*-1.59*	
		For Work In Restricted Working Space, Add	*1.92*	
		For >500, Deduct	*-2.34*	
26 05 29 00-0082	EA	3-1/2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	11.16	
		For >100 To 250, Deduct	*-0.88*	
		For >50 To 100, Deduct	*-0.44*	
		For >250 To 500, Deduct	*-1.64*	
		For Work In Restricted Working Space, Add	*1.92*	
		For >500, Deduct	*-2.40*	
26 05 29 00-0083	EA	4" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	11.38	
		For >100 To 250, Deduct	*-0.89*	
		For >50 To 100, Deduct	*-0.44*	
		For >250 To 500, Deduct	*-1.65*	
		For Work In Restricted Working Space, Add	*1.92*	
		For >500, Deduct	*-2.42*	
26 05 29 00-0084		Electrical Metallic Tubing (EMT) Conduit Clamps For Unistrut Channel *(26 05 29 00-0001)*		
26 05 29 00-0085	EA	1/2" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel	6.11	
		For >100 To 250, Deduct	*-0.50*	
		For >50 To 100, Deduct	*-0.25*	
		For >250 To 500, Deduct	*-0.94*	
		For Work In Restricted Working Space, Add	*1.16*	
		For >500, Deduct	*-1.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0086	EA	3/4" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel	6.06	
		For >100 To 250, Deduct	*-0.50*	
		For >50 To 100, Deduct	*-0.25*	
		For >250 To 500, Deduct	*-0.94*	
		For Work In Restricted Working Space, Add	*1.16*	
		For >500, Deduct	*-1.38*	
26 05 29 00-0087	EA	1" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel	5.98	
		For >100 To 250, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-0.25*	
		For >250 To 500, Deduct	*-0.93*	
		For Work In Restricted Working Space, Add	*1.16*	
		For >500, Deduct	*-1.37*	
26 05 29 00-0088	EA	1-1/4" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel	7.86	
		For >100 To 250, Deduct	*-0.65*	
		For >50 To 100, Deduct	*-0.32*	
		For >250 To 500, Deduct	*-1.23*	
		For Work In Restricted Working Space, Add	*1.54*	
		For >500, Deduct	*-1.81*	
26 05 29 00-0089	EA	1-1/2" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel	9.13	
		For >100 To 250, Deduct	*-0.71*	
		For >50 To 100, Deduct	*-0.36*	
		For >250 To 500, Deduct	*-1.33*	
		For Work In Restricted Working Space, Add	*1.54*	
		For >500, Deduct	*-1.94*	
26 05 29 00-0090	EA	2" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel	9.20	
		For >100 To 250, Deduct	*-0.72*	
		For >50 To 100, Deduct	*-0.36*	
		For >250 To 500, Deduct	*-1.33*	
		For Work In Restricted Working Space, Add	*1.54*	
		For >500, Deduct	*-1.95*	

26 05 29 00-0091 "J" Type Conduit Hangers *(26 05 29 00-0001)*

26 05 29 00-0092	EA	1/2", "J" Type Conduit Hanger (Unistrut J1205)	27.29	
		For >100 To 250, Deduct	*-1.81*	
		For >50 To 100, Deduct	*-0.91*	
		For >250 To 500, Deduct	*-3.17*	
		For Work In Restricted Working Space, Add	*2.69*	
		For >500, Deduct	*-4.53*	
26 05 29 00-0093	EA	3/4", "J" Type Conduit Hanger (Unistrut J1207)	27.61	
		For >100 To 250, Deduct	*-1.83*	
		For >50 To 100, Deduct	*-0.91*	
		For >250 To 500, Deduct	*-3.19*	
		For Work In Restricted Working Space, Add	*2.69*	
		For >500, Deduct	*-4.56*	
26 05 29 00-0094	EA	1", "J" Type Conduit Hanger (Unistrut J1210)	29.19	
		For >100 To 250, Deduct	*-1.97*	
		For >50 To 100, Deduct	*-0.99*	
		For >250 To 500, Deduct	*-3.47*	
		For Work In Restricted Working Space, Add	*3.08*	
		For >500, Deduct	*-4.97*	
26 05 29 00-0095	EA	1-1/4", "J" Type Conduit Hanger (Unistrut J1212)	29.53	
		For >100 To 250, Deduct	*-1.99*	
		For >50 To 100, Deduct	*-0.99*	
		For >250 To 500, Deduct	*-3.50*	
		For Work In Restricted Working Space, Add	*3.08*	
		For >500, Deduct	*-5.01*	
26 05 29 00-0096	EA	1-1/2", "J" Type Conduit Hanger (Unistrut J1215)	31.04	
		For >100 To 250, Deduct	*-2.13*	
		For >50 To 100, Deduct	*-1.06*	
		For >250 To 500, Deduct	*-3.77*	
		For Work In Restricted Working Space, Add	*3.46*	
		For >500, Deduct	*-5.41*	
26 05 29 00-0097	EA	2", "J" Type Conduit Hanger (Unistrut J1220)	32.34	
		For >100 To 250, Deduct	*-2.19*	
		For >50 To 100, Deduct	*-1.10*	
		For >250 To 500, Deduct	*-3.87*	
		For Work In Restricted Working Space, Add	*3.46*	
		For >500, Deduct	*-5.54*	
26 05 29 00-0098	EA	2-1/2", "J" Type Conduit Hanger (Unistrut J1225)	52.21	
		For >100 To 250, Deduct	*-3.25*	
		For >50 To 100, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-5.52*	
		For Work In Restricted Working Space, Add	*3.85*	
		For >500, Deduct	*-7.79*	
26 05 29 00-0099	EA	3", "J" Type Conduit Hanger (Unistrut J1230)	55.46	
		For >100 To 250, Deduct	*-3.48*	
		For >50 To 100, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-5.92*	
		For Work In Restricted Working Space, Add	*4.23*	
		For >500, Deduct	*-8.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0100	EA	3-1/2", "J" Type Conduit Hanger (Unistrut J1235)	59.68	
		For >100 To 250, Deduct	*-3.75*	
		For >50 To 100, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-6.40*	
		For Work In Restricted Working Space, Add	*4.62*	
		For >500, Deduct	*-9.05*	
26 05 29 00-0101	EA	4", "J" Type Conduit Hanger (Unistrut J1240)	79.84	
		For >100 To 250, Deduct	*-4.76*	
		For >50 To 100, Deduct	*-2.38*	
		For >250 To 500, Deduct	*-7.91*	
		For Work In Restricted Working Space, Add	*4.62*	
		For >500, Deduct	*-11.06*	
26 05 29 00-0102	EA	5", "J" Type Conduit Hanger (Unistrut J1250)	87.74	
		For >100 To 250, Deduct	*-5.22*	
		For >50 To 100, Deduct	*-2.61*	
		For >250 To 500, Deduct	*-8.66*	
		For Work In Restricted Working Space, Add	*5.00*	
		For >500, Deduct	*-12.11*	
26 05 29 00-0103	EA	6", "J" Type Conduit Hanger (Unistrut J1260)	124.10	
		For >100 To 250, Deduct	*-7.17*	
		For >50 To 100, Deduct	*-3.58*	
		For >250 To 500, Deduct	*-11.71*	
		For Work In Restricted Working Space, Add	*5.77*	
		For >500, Deduct	*-16.26*	

26 05 29 00-0104 Between Studs Box Brackets *(26 05 29 00-0001)*

26 05 29 00-0105	EA	16" Stud Spacing, 1-1/2" Or 2-1/8" Box Depth, Screw Gun Between Studs Box Bracket (Caddy SGB16A)	9.79	
		For >100 To 250, Deduct	*-0.68*	
		For >50 To 100, Deduct	*-0.34*	
		For >250 To 500, Deduct	*-1.22*	
		For Work In Restricted Working Space, Add	*1.16*	
		For >500, Deduct	*-1.75*	
26 05 29 00-0106	EA	24" Stud Spacing, 1-1/2" Or 2-1/8" Box Depth, Screw Gun Between Studs Box Bracket (Caddy SGB24A)	11.84	
		For >100 To 250, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-0.39*	
		For >250 To 500, Deduct	*-1.37*	
		For Work In Restricted Working Space, Add	*1.16*	
		For >500, Deduct	*-1.95*	

26 05 29 00-0107 Hangers And Brackets *(26 05 29 00-0001)*

26 05 29 00-0108	EA	Rod Hangers Only With 1/4" Thread Impression (Caddy 4TI)	3.35	
		For >100 To 250, Deduct	*-0.30*	
		For >50 To 100, Deduct	*-0.15*	
		For >250 To 500, Deduct	*-0.57*	
		For >500, Deduct	*-0.85*	
26 05 29 00-0109	EA	Angle Bracket Only With 1/4" Hole (Caddy AB)	3.23	
		For >100 To 250, Deduct	*-0.29*	
		For >50 To 100, Deduct	*-0.15*	
		For >250 To 500, Deduct	*-0.56*	
		For >500, Deduct	*-0.84*	
26 05 29 00-0110	EA	Offset Bracket Only With 1/4" Hole (Caddy AO)	3.23	
		For >100 To 250, Deduct	*-0.29*	
		For >50 To 100, Deduct	*-0.15*	
		For >250 To 500, Deduct	*-0.56*	
		For >500, Deduct	*-0.84*	
26 05 29 00-0111	EA	Angle Bracket Mount, 1/4" Threaded Rod Hanger With Thread Impression (Caddy 4TIB)	4.46	
		For >100 To 250, Deduct	*-0.35*	
		For >50 To 100, Deduct	*-0.18*	
		For >250 To 500, Deduct	*-0.66*	
		For >500, Deduct	*-0.96*	
26 05 29 00-0112	EA	Angle Bracket Mount, 3/8" Threaded Rod Hanger With Thread Impression (Caddy 6TIB)	4.49	
		For >100 To 250, Deduct	*-0.35*	
		For >50 To 100, Deduct	*-0.18*	
		For >250 To 500, Deduct	*-0.66*	
		For >500, Deduct	*-0.96*	
26 05 29 00-0113	EA	Angle Bracket Mount, 1/4" Or 3/8" Threaded Rod Hanger With Nut (Caddy 6TB)	4.35	
		For >100 To 250, Deduct	*-0.35*	
		For >50 To 100, Deduct	*-0.17*	
		For >250 To 500, Deduct	*-0.65*	
		For >500, Deduct	*-0.95*	
26 05 29 00-0114	EA	Offset Bracket Mount, 1/4" Threaded Rod Hanger With Thread Impression (Caddy 4TIO)	4.46	
		For >100 To 250, Deduct	*-0.35*	
		For >50 To 100, Deduct	*-0.18*	
		For >250 To 500, Deduct	*-0.66*	
		For >500, Deduct	*-0.96*	
26 05 29 00-0115	EA	Offset Bracket Mount, 3/8" Threaded Rod Hanger With Thread Impression (Caddy 6TIO)	4.49	
		For >100 To 250, Deduct	*-0.35*	
		For >50 To 100, Deduct	*-0.18*	
		For >250 To 500, Deduct	*-0.66*	
		For >500, Deduct	*-0.96*	

26 05 29 00-0116 Clips And Accessories *(26 05 29 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0117	EA	1/2" Diameter Center, Bridle Ring (Caddy 2BR)	2.28	
		For >100 To 250, Deduct	*-0.19*	
		For >50 To 100, Deduct	*-0.10*	
		For >250 To 500, Deduct	*-0.37*	
		For >500, Deduct	*-0.55*	
26 05 29 00-0118	EA	3/4" Diameter Center, Bridle Ring (Caddy 2BR12)	2.33	
		For >100 To 250, Deduct	*-0.20*	
		For >50 To 100, Deduct	*-0.10*	
		For >250 To 500, Deduct	*-0.37*	
		For >500, Deduct	*-0.55*	
26 05 29 00-0119	EA	1-1/4" Diameter Center, Bridle Ring (Caddy 2BR20)	2.51	
		For >100 To 250, Deduct	*-0.21*	
		For >50 To 100, Deduct	*-0.10*	
		For >250 To 500, Deduct	*-0.39*	
		For >500, Deduct	*-0.57*	
26 05 29 00-0120	EA	2" Diameter Center, Bridle Ring (Caddy 2BR32)	2.90	
		For >100 To 250, Deduct	*-0.23*	
		For >50 To 100, Deduct	*-0.11*	
		For >250 To 500, Deduct	*-0.42*	
		For >500, Deduct	*-0.61*	

26 05 29 00-0121 Wire Ties *(26 05 29 00-0001)*

Note: Per hundred (C).

26 05 29 00-0122	C	3" Length, 18 Lb. Tensile Strength, Nylon Cable Ties	32.66	
		For Up To 0.1, Add	*26.77*	
		For >0.1 To 0.25, Add	*13.39*	
		For >0.25 To 0.75, Add	*6.69*	
		For >2.0, Deduct	*-2.68*	
		For UV Black, Add	*0.88*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.03*	
26 05 29 00-0123	C	4" Length, 18 Lb. Tensile Strength, Nylon Cable Ties	32.89	
		For Up To 0.1, Add	*26.77*	
		For >0.1 To 0.25, Add	*13.39*	
		For >0.25 To 0.75, Add	*6.69*	
		For >2.0, Deduct	*-2.68*	
		For UV Black, Add	*0.92*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.03*	
26 05 29 00-0124	C	4-3/4" Length, 18 Lb. Tensile Strength, Nylon Cable Ties	33.05	
		For Up To 0.1, Add	*26.77*	
		For >0.1 To 0.25, Add	*13.39*	
		For >0.25 To 0.75, Add	*6.69*	
		For >2.0, Deduct	*-2.68*	
		For UV Black, Add	*0.94*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.03*	
26 05 29 00-0125	C	5-1/2" Length, 18 Lb. Tensile Strength, Nylon Cable Ties	33.12	
		For Up To 0.1, Add	*26.77*	
		For >0.1 To 0.25, Add	*13.39*	
		For >0.25 To 0.75, Add	*6.69*	
		For >2.0, Deduct	*-2.68*	
		For UV Black, Add	*0.95*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.03*	
26 05 29 00-0126	C	6-1/2" Length, 18 Lb. Tensile Strength, Nylon Cable Ties	34.35	
		For Up To 0.1, Add	*27.93*	
		For >0.1 To 0.25, Add	*13.97*	
		For >0.25 To 0.75, Add	*6.98*	
		For >2.0, Deduct	*-2.79*	
		For UV Black, Add	*0.96*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.38*	
26 05 29 00-0127	C	8" Length, 18 Lb. Tensile Strength, Nylon Cable Ties	40.60	
		For Up To 0.1, Add	*29.21*	
		For >0.1 To 0.25, Add	*14.61*	
		For >0.25 To 0.75, Add	*7.30*	
		For >2.0, Deduct	*-2.92*	
		For UV Black, Add	*1.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.76*	
26 05 29 00-0128	C	4-3/4" Length, 40 Lb. Tensile Strength, Nylon Cable Ties	38.98	
		For Up To 0.1, Add	*26.77*	
		For >0.1 To 0.25, Add	*13.39*	
		For >0.25 To 0.75, Add	*6.69*	
		For >2.0, Deduct	*-2.68*	
		For UV Black, Add	*1.83*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.03*	
26 05 29 00-0129	C	6" Length, 40 Lb. Tensile Strength, Nylon Cable Ties	40.24	
		For Up To 0.1, Add	*27.93*	
		For >0.1 To 0.25, Add	*13.97*	
		For >0.25 To 0.75, Add	*6.98*	
		For >2.0, Deduct	*-2.79*	
		For UV Black, Add	*1.85*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.38*	
26 05 29 00-0130	C	8" Length, 40 Lb. Tensile Strength, Nylon Cable Ties	41.58	
		For Up To 0.1, Add	*29.21*	
		For >0.1 To 0.25, Add	*14.61*	
		For >0.25 To 0.75, Add	*7.30*	
		For >2.0, Deduct	*-2.92*	
		For UV Black, Add	*1.86*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0131	C	10" Length, 40 Lb. Tensile Strength, Nylon Cable Ties	60.03	
		For Up To 0.1, Add	*31.49*	
		For >0.1 To 0.25, Add	*15.75*	
		For >0.25 To 0.75, Add	*7.87*	
		For >2.0, Deduct	*-3.15*	
		For UV Black, Add	*4.28*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.45*	
26 05 29 00-0132	C	11-1/2" Length, 40 Lb. Tensile Strength, Nylon Cable Ties	62.61	
		For Up To 0.1, Add	*31.49*	
		For >0.1 To 0.25, Add	*15.75*	
		For >0.25 To 0.75, Add	*7.87*	
		For >2.0, Deduct	*-3.15*	
		For UV Black, Add	*4.67*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.45*	
26 05 29 00-0133	C	7" Length, 50 Lb. Tensile Strength, Nylon Cable Ties	43.39	
		For Up To 0.1, Add	*29.21*	
		For >0.1 To 0.25, Add	*14.61*	
		For >0.25 To 0.75, Add	*7.30*	
		For >2.0, Deduct	*-2.92*	
		For UV Black, Add	*2.13*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.76*	
26 05 29 00-0134	C	8" Length, 50 Lb. Tensile Strength, Nylon Cable Ties	41.10	
		For Up To 0.1, Add	*29.21*	
		For >0.1 To 0.25, Add	*14.61*	
		For >0.25 To 0.75, Add	*7.30*	
		For >2.0, Deduct	*-2.92*	
		For UV Black, Add	*1.78*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.76*	
26 05 29 00-0135	C	11" Length, 50 Lb. Tensile Strength, Nylon Cable Ties	60.74	
		For Up To 0.1, Add	*31.49*	
		For >0.1 To 0.25, Add	*15.75*	
		For >0.25 To 0.75, Add	*7.87*	
		For >2.0, Deduct	*-3.15*	
		For UV Black, Add	*4.39*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.45*	
26 05 29 00-0136	C	14-1/2" Length, 50 Lb. Tensile Strength, Nylon Cable Ties	69.42	
		For Up To 0.1, Add	*33.46*	
		For >0.1 To 0.25, Add	*16.73*	
		For >0.25 To 0.75, Add	*8.37*	
		For >2.0, Deduct	*-3.35*	
		For UV Black, Add	*5.39*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.04*	
26 05 29 00-0137	C	8" Length, 120 Lb. Tensile Strength, Nylon Cable Ties	67.79	
		For Up To 0.1, Add	*29.21*	
		For >0.1 To 0.25, Add	*14.61*	
		For >0.25 To 0.75, Add	*7.30*	
		For >2.0, Deduct	*-2.92*	
		For UV Black, Add	*5.79*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.76*	
26 05 29 00-0138	C	11" Length, 120 Lb. Tensile Strength, Nylon Cable Ties	74.20	
		For Up To 0.1, Add	*31.49*	
		For >0.1 To 0.25, Add	*15.75*	
		For >0.25 To 0.75, Add	*7.87*	
		For >2.0, Deduct	*-3.15*	
		For UV Black, Add	*6.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.45*	
26 05 29 00-0139	C	15" Length, 120 Lb. Tensile Strength, Nylon Cable Ties	89.64	
		For Up To 0.1, Add	*33.46*	
		For >0.1 To 0.25, Add	*16.73*	
		For >0.25 To 0.75, Add	*8.37*	
		For >2.0, Deduct	*-3.35*	
		For UV Black, Add	*8.43*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.04*	
26 05 29 00-0140	C	17" Length, 120 Lb. Tensile Strength, Nylon Cable Ties	127.74	
		For Up To 0.1, Add	*35.69*	
		For >0.1 To 0.25, Add	*17.85*	
		For >0.25 To 0.75, Add	*8.92*	
		For >2.0, Deduct	*-3.57*	
		For UV Black, Add	*13.81*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.71*	
26 05 29 00-0141	C	17-3/4" Length, 175 Lb. Tensile Strength, Nylon Cable Ties	123.81	
		For Up To 0.1, Add	*35.69*	
		For >0.1 To 0.25, Add	*17.85*	
		For >0.25 To 0.75, Add	*8.92*	
		For >2.0, Deduct	*-3.57*	
		For UV Black, Add	*13.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.71*	
26 05 29 00-0142	C	21-11/16" Length, 175 Lb. Tensile Strength, Nylon Cable Ties	150.60	
		For Up To 0.1, Add	*37.36*	
		For >0.1 To 0.25, Add	*18.68*	
		For >0.25 To 0.75, Add	*9.34*	
		For >2.0, Deduct	*-3.74*	
		For UV Black, Add	*16.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0143	C	30" Length, 175 Lb. Tensile Strength, Nylon Cable Ties	174.14	
		For Up To 0.1, Add	*39.17*	
		For >0.1 To 0.25, Add	*19.59*	
		For >0.25 To 0.75, Add	*9.79*	
		For >2.0, Deduct	*-3.92*	
		For UV Black, Add	*20.25*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.75*	
26 05 29 00-0144	C	46" Length, 175 Lb. Tensile Strength, Nylon Cable Ties	238.37	
		For Up To 0.1, Add	*42.26*	
		For >0.1 To 0.25, Add	*21.13*	
		For >0.25 To 0.75, Add	*10.57*	
		For >2.0, Deduct	*-4.23*	
		For UV Black, Add	*29.42*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.68*	
26 05 29 00-0145	C	3/4" x 3/4" Self Adhesive Tie Mounts	43.04	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.05*	
26 05 29 00-0146	C	1.1" x 1.1" Tie Mounts With Screw	85.33	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.09*	
26 05 29 00-0147	EA	6" Length x 1/2" Width, Velcro Grip Cable Tie	2.49	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*0.19*	
26 05 29 00-0148	EA	8" Length x 1/2" Width, Velcro Grip Cable Tie	2.49	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*0.16*	
26 05 29 00-0149	EA	12" Length x 1/2" Width, Velcro Grip Cable Tie	3.06	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*0.16*	
26 05 29 00-0150	EA	15" Length x 3/4" Width, Velcro Grip Cable Tie	4.30	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*0.16*	
26 05 29 00-0151	EA	180" Length x 3/4" Width, Velcro Grip Cable Tie Roll Note: Cut to length.	110.28	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.20*	

26 05 29 00-0152 Fastening Devices For Wireway And Conduit *(26 05 29)*

Note: Includes drilling of holes with power tools in concrete, brick, concrete block, wood, tile or steel and alignment of hangers and supports for bolts.

26 05 29 00-0153 Toggle Bolts *(26 05 29 00-0152)*

Note: Includes machine screw, toggle wing and drilling in concrete, concrete block, wood or steel.

26 05 29 00-0154	EA	1/8" Diameter, 3" Length, Zinc Plated Steel, Toggle Bolt	9.89	
		For >50 To 100, Deduct	*-0.95*	
		For >500, Deduct	*-4.74*	
		For >250 To 500, Deduct	*-3.32*	
		For >100 To 250, Deduct	*-1.90*	
26 05 29 00-0155	EA	1/8" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt	10.17	
		For >50 To 100, Deduct	*-0.98*	
		For >500, Deduct	*-4.86*	
		For >250 To 500, Deduct	*-3.41*	
		For >100 To 250, Deduct	*-1.95*	
26 05 29 00-0156	EA	3/16" Diameter, 3" Length, Zinc Plated Steel, Toggle Bolt	10.68	
		For >50 To 100, Deduct	*-1.01*	
		For >500, Deduct	*-5.00*	
		For >250 To 500, Deduct	*-3.51*	
		For >100 To 250, Deduct	*-2.01*	
26 05 29 00-0157	EA	3/16" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt	10.95	
		For >50 To 100, Deduct	*-1.03*	
		For >500, Deduct	*-5.13*	
		For >250 To 500, Deduct	*-3.59*	
		For >100 To 250, Deduct	*-2.06*	
26 05 29 00-0158	EA	1/4" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt	11.20	
		For >50 To 100, Deduct	*-1.05*	
		For >500, Deduct	*-5.24*	
		For >250 To 500, Deduct	*-3.68*	
		For >100 To 250, Deduct	*-2.11*	
26 05 29 00-0159	EA	5/16" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt	12.56	
		For >50 To 100, Deduct	*-1.11*	
		For >500, Deduct	*-5.48*	
		For >250 To 500, Deduct	*-3.84*	
		For >100 To 250, Deduct	*-2.21*	
26 05 29 00-0160	EA	3/8" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt	13.05	
		For >50 To 100, Deduct	*-1.14*	
		For >500, Deduct	*-5.62*	
		For >250 To 500, Deduct	*-3.95*	
		For >100 To 250, Deduct	*-2.27*	

26 05 29 00-0161 Machine Screws *(26 05 29 00-0152)*

Note: Includes drilling in concrete, concrete block, wood or steel.

26 05 29 00-0162	EA	#8 Diameter, 2" Length, Zinc Plated Steel, Machine Screw	2.94	
		For >50 To 100, Deduct	*-0.29*	
		For >500, Deduct	*-1.43*	
		For >250 To 500, Deduct	*-1.00*	
		For >100 To 250, Deduct	*-0.57*	
26 05 29 00-0163	EA	#10 Diameter, 2" Length, Zinc Plated Steel, Machine Screw	2.98	
		For >50 To 100, Deduct	*-0.29*	
		For >500, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.01*	
		For >100 To 250, Deduct	*-0.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0164	EA	1/4" Diameter, 2" Length, Zinc Plated Steel, Machine Screw	3.73	
		For >50 To 100, Deduct	*-0.36*	
		For >500, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-1.26*	
		For >100 To 250, Deduct	*-0.72*	
26 05 29 00-0165	EA	5/16" Diameter, 2" Length, Zinc Plated Steel, Machine Screw	3.88	
		For >50 To 100, Deduct	*-0.36*	
		For >500, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-1.27*	
		For >100 To 250, Deduct	*-0.73*	
26 05 29 00-0166	EA	3/8" Diameter, 2" Length, Zinc Plated Steel, Machine Screw	4.78	
		For >50 To 100, Deduct	*-0.44*	
		For >500, Deduct	*-2.19*	
		For >250 To 500, Deduct	*-1.53*	
		For >100 To 250, Deduct	*-0.88*	

26 05 29 00-0167 Hex Lag Bolts With Lag Shield Expansion Anchors *(26 05 29 00-0152)*

Note: Includes lag bolt, lag shield expansion anchor and drilling in concrete, concrete block, wood or steel.

26 05 29 00-0168	EA	1/4" Diameter, 2" Length, Zinc Plated Steel, Hex Lag Bolt With Lag Shield Expansion Anchor	4.67	
		For >50 To 100, Deduct	*-0.38*	
		For >500, Deduct	*-1.90*	
		For >250 To 500, Deduct	*-1.33*	
		For >100 To 250, Deduct	*-0.77*	
26 05 29 00-0169	EA	5/16" Diameter, 2" Length, Zinc Plated Steel, Hex Lag Bolt With Lag Shield Expansion Anchor	4.62	
		For >50 To 100, Deduct	*-0.38*	
		For >500, Deduct	*-1.89*	
		For >250 To 500, Deduct	*-1.33*	
		For >100 To 250, Deduct	*-0.77*	
26 05 29 00-0170	EA	3/8" Diameter, 2" Length, Zinc Plated Steel, Hex Lag Bolt With Lag Shield Expansion Anchor	6.45	
		For >50 To 100, Deduct	*-0.48*	
		For >500, Deduct	*-2.35*	
		For >250 To 500, Deduct	*-1.66*	
		For >100 To 250, Deduct	*-0.96*	
26 05 29 00-0171	EA	1/2" Diameter, 2" Length, Zinc Plated Steel, Hex Lag Bolt With Lag Shield Expansion Anchor	8.17	
		For >50 To 100, Deduct	*-0.58*	
		For >500, Deduct	*-2.80*	
		For >250 To 500, Deduct	*-1.98*	
		For >100 To 250, Deduct	*-1.15*	

26 05 29 00-0172 Hanger Lag Bolts With Hex Nuts *(26 05 29 00-0152)*

Note: Includes hanger lag bolt (threaded one side), hex nut and drilling in concrete, concrete block, wood or steel.

26 05 29 00-0173	EA	1/4" Diameter, 2" Length, Zinc Plated Steel, Hanger Lag Bolt With Hex Nut	3.51	
		For >50 To 100, Deduct	*-0.30*	
		For >500, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.05*	
		For >100 To 250, Deduct	*-0.60*	
26 05 29 00-0174	EA	5/16" Diameter, 2" Length, Zinc Plated Steel, Hanger Lag Bolt With Hex Nut	3.56	
		For >50 To 100, Deduct	*-0.30*	
		For >500, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.05*	
		For >100 To 250, Deduct	*-0.61*	
26 05 29 00-0175	EA	3/8" Diameter, 2-1/2" Length, Zinc Plated Steel, Hanger Lag Bolt With Hex Nut	4.20	
		For >50 To 100, Deduct	*-0.34*	
		For >500, Deduct	*-1.69*	
		For >250 To 500, Deduct	*-1.19*	
		For >100 To 250, Deduct	*-0.69*	

26 05 29 00-0176 Hollow Wall Screw Anchors *(26 05 29 00-0152)*

26 05 29 00-0177	EA	6-32 Screw Size, 5/16" Hole Diameter, 1/8" To 5/8" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	2.07	
		For >50 To 100, Deduct	*-0.18*	
		For >500, Deduct	*-0.89*	
		For >250 To 500, Deduct	*-0.63*	
		For >100 To 250, Deduct	*-0.36*	
26 05 29 00-0178	EA	6-32 Screw Size, 5/16" Hole Diameter, 5/8" To 1-1/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	2.13	
		For >50 To 100, Deduct	*-0.18*	
		For >500, Deduct	*-0.90*	
		For >250 To 500, Deduct	*-0.63*	
		For >100 To 250, Deduct	*-0.36*	
26 05 29 00-0179	EA	6-32 Screw Size, 5/16" Hole Diameter, 1-1/4" To 1-3/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	2.22	
		For >50 To 100, Deduct	*-0.18*	
		For >500, Deduct	*-0.91*	
		For >250 To 500, Deduct	*-0.64*	
		For >100 To 250, Deduct	*-0.37*	
26 05 29 00-0180	EA	10-24 Screw Size, 3/8" Hole Diameter, 1/8" To 5/8" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	2.79	
		For >50 To 100, Deduct	*-0.22*	
		For >500, Deduct	*-1.08*	
		For >250 To 500, Deduct	*-0.76*	
		For >100 To 250, Deduct	*-0.44*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0181		EA	10-24 Screw Size, 3/8" Hole Diameter, 5/8" To 1-1/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	2.92	
			For >50 To 100, Deduct	*-0.22*	
			For >500, Deduct	*-1.09*	
			For >250 To 500, Deduct	*-0.77*	
			For >100 To 250, Deduct	*-0.44*	
26 05 29 00-0182		EA	10-24 Screw Size, 3/8" Hole Diameter, 1-1/4" To 1-3/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	2.96	
			For >50 To 100, Deduct	*-0.22*	
			For >500, Deduct	*-1.09*	
			For >250 To 500, Deduct	*-0.77*	
			For >100 To 250, Deduct	*-0.45*	
26 05 29 00-0183		EA	1/4-20 Screw Size, 7/16" Hole Diameter, 1/8" To 5/8" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	2.98	
			For >50 To 100, Deduct	*-0.22*	
			For >500, Deduct	*-1.09*	
			For >250 To 500, Deduct	*-0.77*	
			For >100 To 250, Deduct	*-0.45*	
26 05 29 00-0184		EA	1/4-20 Screw Size, 7/16" Hole Diameter, 5/8" To 1-1/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	3.16	
			For >50 To 100, Deduct	*-0.23*	
			For >500, Deduct	*-1.11*	
			For >250 To 500, Deduct	*-0.78*	
			For >100 To 250, Deduct	*-0.46*	
26 05 29 00-0185		EA	1/4-20 Screw Size, 7/16" Hole Diameter, 1-1/4" To 1-3/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	3.23	
			For >50 To 100, Deduct	*-0.23*	
			For >500, Deduct	*-1.12*	
			For >250 To 500, Deduct	*-0.79*	
			For >100 To 250, Deduct	*-0.46*	

26 05 29 00-0186 Lead Screw Anchors *(26 05 29 00-0152)*

Note: Includes screw.

26 05 29 00-0187		EA	#6-8 Screw Size, 1/4" Hole Diameter, Lead Screw Anchor With Screw	4.85	
			For >50 To 100, Deduct	*-0.45*	
			For >500, Deduct	*-2.23*	
			For >250 To 500, Deduct	*-1.57*	
			For >100 To 250, Deduct	*-0.90*	
26 05 29 00-0188		EA	#10-14 Screw Size, 5/16" Hole Diameter, Lead Screw Anchor With Screw	5.76	
			For >50 To 100, Deduct	*-0.52*	
			For >500, Deduct	*-2.60*	
			For >250 To 500, Deduct	*-1.82*	
			For >100 To 250, Deduct	*-1.05*	
26 05 29 00-0189		EA	#16-18 Screw Size, 5/16" Hole Diameter, Lead Screw Anchor With Screw	7.74	
			For >50 To 100, Deduct	*-0.68*	
			For >500, Deduct	*-3.35*	
			For >250 To 500, Deduct	*-2.35*	
			For >100 To 250, Deduct	*-1.35*	

26 05 29 00-0190 Nailing Anchor Hilti HPS Impact Anchor Or Equal *(26 05 29 00-0152)*

26 05 29 00-0191		EA	1/4" x 1" Nail-In Drilling In Concrete, Concrete Block, Wood Or Steel	1.79	
			For >50 To 100, Deduct	*-0.13*	
			For >500, Deduct	*-0.65*	
			For >250 To 500, Deduct	*-0.46*	
			For >100 To 250, Deduct	*-0.27*	
26 05 29 00-0192		EA	1/4" x 1-3/4" Nail-In Drilling In Concrete, Concrete Block, Wood Or Steel	3.10	
			For >50 To 100, Deduct	*-0.26*	
			For >500, Deduct	*-1.26*	
			For >250 To 500, Deduct	*-0.89*	
			For >100 To 250, Deduct	*-0.51*	
26 05 29 00-0193		EA	1/4" x 2-1/8" Nail-In Drilling In Concrete, Concrete Block, Wood Or Steel	4.39	
			For >50 To 100, Deduct	*-0.38*	
			For >500, Deduct	*-1.86*	
			For >250 To 500, Deduct	*-1.31*	
			For >100 To 250, Deduct	*-0.75*	

26 05 29 00-0194 Acoustical T-Bar Clips *(26 05 29 00-0152)*

Note: For conduit installation above suspended ceilings up to 15' height.

26 05 29 00-0195		EA	1/2" Conduit, Push-In Acoustical T-Bar Clip	8.25	
			For >50 To 100, Deduct	*-0.62*	
			For >500, Deduct	*-3.01*	
			For >250 To 500, Deduct	*-2.12*	
			For >100 To 250, Deduct	*-1.23*	
26 05 29 00-0196		EA	3/4" Conduit, Push-In Acoustical T-Bar Clip	8.65	
			For >50 To 100, Deduct	*-0.65*	
			For >500, Deduct	*-3.17*	
			For >250 To 500, Deduct	*-2.23*	
			For >100 To 250, Deduct	*-1.30*	
26 05 29 00-0197		EA	1" Conduit, Push-In Acoustical T-Bar Clip	9.43	
			For >50 To 100, Deduct	*-0.69*	
			For >500, Deduct	*-3.37*	
			For >250 To 500, Deduct	*-2.37*	
			For >100 To 250, Deduct	*-1.38*	

26 05 29 00-0198 Threaded Rod, Accessories And Attachments *(26 05 29)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0199		**Threaded Rod And Rod Accessories** *(26 05 29 00-0198)*		
26 05 29 00-0200		**Carbon Steel Threaded Rod** *(26 05 29 00-0199)*		
		Note: Includes plain finish.		
26 05 29 00-0201	LF	3/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	3.82	0.81
		For Galvanized, Add	*0.88*	
		For Zinc Coated, Add	*0.63*	
26 05 29 00-0202	LF	1/2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	5.22	0.86
		For Galvanized, Add	*1.40*	
		For Zinc Coated, Add	*1.00*	
26 05 29 00-0203	LF	5/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	7.22	0.88
		For Galvanized, Add	*2.18*	
		For Zinc Coated, Add	*1.55*	
26 05 29 00-0204	LF	3/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	11.72	0.91
		For Galvanized, Add	*3.96*	
		For Zinc Coated, Add	*2.82*	
26 05 29 00-0205	LF	7/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	12.76	0.94
		For Galvanized, Add	*4.35*	
		For Zinc Coated, Add	*3.10*	
26 05 29 00-0206	LF	1" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	17.41	1.06
		For Galvanized, Add	*6.11*	
		For Zinc Coated, Add	*4.35*	
26 05 29 00-0207	LF	1-1/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	21.63	1.18
		For Galvanized, Add	*7.70*	
		For Zinc Coated, Add	*5.49*	
26 05 29 00-0208		**Threaded Rod Couplings** *(26 05 29 00-0199)*		
26 05 29 00-0209	EA	3/8" Diameter, Threaded Rod Coupling Nut	10.10	
26 05 29 00-0210	EA	1/2" Diameter, Threaded Rod Coupling Nut	11.43	
26 05 29 00-0211	EA	5/8" Diameter, Threaded Rod Coupling Nut	14.11	
26 05 29 00-0212	EA	3/4" Diameter, Threaded Rod Coupling Nut	17.00	
26 05 29 00-0213	EA	7/8" Diameter, Threaded Rod Coupling Nut	24.32	
26 05 29 00-0214	EA	1" Diameter, Threaded Rod Coupling Nut	28.83	
26 05 29 00-0215	EA	1-1/8" Diameter, Threaded Rod Coupling Nut	53.48	
26 05 29 00-0216		**Flat Washers** *(26 05 29 00-0199)*		
26 05 29 00-0217	EA	3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.86	0.32
		For Galvanized, Add	*0.03*	
26 05 29 00-0218	EA	1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.09	0.32
		For Galvanized, Add	*0.07*	
26 05 29 00-0219	EA	5/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.40	0.32
		For Galvanized, Add	*0.14*	
26 05 29 00-0220	EA	3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.70	0.64
		For Galvanized, Add	*0.20*	
26 05 29 00-0221	EA	7/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.90	0.64
		For Galvanized, Add	*0.24*	
26 05 29 00-0222	EA	1" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	2.25	0.64
		For Galvanized, Add	*0.30*	
26 05 29 00-0223	EA	1-1/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	2.52	0.64
		For Galvanized, Add	*0.33*	
26 05 29 00-0224		**Malleable Iron Eye Sockets** *(26 05 29 00-0199)*		
		Note: Type 16.		
26 05 29 00-0225	EA	3/8" Rod Size, Malleable Iron Eye Socket	13.81	
26 05 29 00-0226	EA	1/2" Rod Size, Malleable Iron Eye Socket	16.63	
26 05 29 00-0227	EA	5/8" Rod Size, Malleable Iron Eye Socket	29.68	
26 05 29 00-0228	EA	3/4" Rod Size, Malleable Iron Eye Socket	42.70	
26 05 29 00-0229	EA	7/8" Rod Size, Malleable Iron Eye Socket	45.40	
26 05 29 00-0230		**Hex Nuts** *(26 05 29 00-0199)*		
26 05 29 00-0231	EA	3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.84	0.32
		For Galvanized, Add	*0.03*	
26 05 29 00-0232	EA	1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.05	0.32
		For Galvanized, Add	*0.06*	
26 05 29 00-0233	EA	5/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.40	0.32
		For Galvanized, Add	*0.14*	
26 05 29 00-0234	EA	3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.65	0.64
		For Galvanized, Add	*0.19*	
26 05 29 00-0235	EA	7/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	2.36	0.64
		For Galvanized, Add	*0.36*	
26 05 29 00-0236	EA	1" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	3.00	0.64
		For Galvanized, Add	*0.48*	
26 05 29 00-0237	EA	1-1/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	4.84	0.64
		For Galvanized, Add	*0.91*	
26 05 29 00-0238		**Forged Steel Turnbuckles** *(26 05 29 00-0199)*		
		Note: Type 13.		
26 05 29 00-0239	EA	3/8" Thread Diameter, Forged Steel Turnbuckle Body	33.36	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0240	EA	1/2" Thread Diameter, Forged Steel Turnbuckle Body	41.53	
26 05 29 00-0241	EA	5/8" Thread Diameter, Forged Steel Turnbuckle Body	56.20	
26 05 29 00-0242	EA	3/4" Thread Diameter, Forged Steel Turnbuckle Body	69.85	
26 05 29 00-0243	EA	7/8" Thread Diameter, Forged Steel Turnbuckle Body	176.57	
26 05 29 00-0244	EA	1" Thread Diameter, Forged Steel Turnbuckle Body	115.28	
26 05 29 00-0245	EA	1-1/4" Thread Diameter, Forged Steel Turnbuckle Body	235.61	
26 05 29 00-0246		**Attachments** *(26 05 29 00-0198)*		
26 05 29 00-0247		**Welded Beam Attachments** *(26 05 29 00-0246)*		
		Note: Type 22.		
26 05 29 00-0248	EA	3/8" Rod Size, Welded Beam Attachment	60.86	12.83
26 05 29 00-0249	EA	1/2" Rod Size, Welded Beam Attachment	64.97	13.47
26 05 29 00-0250	EA	5/8" Rod Size, Welded Beam Attachment	69.20	14.24
26 05 29 00-0251	EA	3/4" Rod Size, Welded Beam Attachment	89.12	15.14
26 05 29 00-0252	EA	7/8" Rod Size, Welded Beam Attachment	107.50	16.03
26 05 29 00-0253	EA	1" Rod Size, Welded Beam Attachment	151.80	18.35
26 05 29 00-0254	EA	1-1/8" Rod Size, Welded Beam Attachment	216.77	19.24
26 05 29 00-0255		**C-Clamp Style Beam Clamps** *(26 05 29 00-0246)*		
		Note: Type 23. Top or bottom flange mount.		
26 05 29 00-0256	EA	3/8" Rod Size, C-Clamp Style Beam Clamp	20.37	9.64
26 05 29 00-0257	EA	1/2" Rod Size, C-Clamp Style Beam Clamp	24.58	10.28
26 05 29 00-0258	EA	5/8" Rod Size, C-Clamp Style Beam Clamp	28.05	11.01
26 05 29 00-0259	EA	3/4" Rod Size, C-Clamp Style Beam Clamp	36.58	11.86
26 05 29 00-0260	EA	7/8" Rod Size, C-Clamp Style Beam Clamp	54.08	12.85
26 05 29 00-0261		**Bottom Mount I-Beam Clamps** *(26 05 29 00-0246)*		
		Note: Type 21. For attaching threaded rod centered under beam flanges.		
26 05 29 00-0262	EA	3/8" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp	59.21	12.85
26 05 29 00-0263	EA	1/2" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp	88.12	14.02
26 05 29 00-0264	EA	5/8" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp	126.96	15.42
26 05 29 00-0265	EA	3/4" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp	152.25	17.13
26 05 29 00-0266	EA	1" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp	373.70	19.27
26 05 29 00-0267		**Steel U-Bolts** *(26 05 29 00-0246)*		
		Note: Type 24. Includes plate and nuts.		
26 05 29 00-0268	EA	1/2" Pipe Size, Zinc Plated Steel, U-Bolt	16.63	7.71
26 05 29 00-0269	EA	3/4" Pipe Size, Zinc Plated Steel, U-Bolt	18.11	8.12
26 05 29 00-0270	EA	1" Pipe Size, Zinc Plated Steel, U-Bolt	19.53	8.56
26 05 29 00-0271	EA	1-1/4" Pipe Size, Zinc Plated Steel, U-Bolt	22.34	9.07
26 05 29 00-0272	EA	1-1/2" Pipe Size, Zinc Plated Steel, U-Bolt	23.02	9.64
26 05 29 00-0273	EA	2" Pipe Size, Zinc Plated Steel, U-Bolt	24.64	10.28
26 05 29 00-0274	EA	2-1/2" Pipe Size, Zinc Plated Steel, U-Bolt	36.36	11.01
26 05 29 00-0275	EA	3" Pipe Size, Zinc Plated Steel, U-Bolt	40.14	11.86
26 05 29 00-0276	EA	4" Pipe Size, Zinc Plated Steel, U-Bolt	48.83	12.85
26 05 29 00-0277		**Stainless Steel Threaded Rod** *(26 05 29 00-0198)*		
26 05 29 00-0278	LF	1/4" Diameter, 304/18-8 Stainless Steel Threaded Rod	3.54	0.64
		For 316 Stainless Steel, Add	*0.92*	
26 05 29 00-0279	LF	5/16" Diameter, 304/18-8 Stainless Steel Threaded Rod	5.28	0.70
		For 316 Stainless Steel, Add	*1.56*	
26 05 29 00-0280	LF	3/8" Diameter, 304/18-8 Stainless Steel Threaded Rod	6.76	0.81
		For 316 Stainless Steel, Add	*2.09*	
26 05 29 00-0281	LF	7/16" Diameter, 304/18-8 Stainless Steel Threaded Rod	9.32	0.83
		For 316 Stainless Steel, Add	*3.10*	
26 05 29 00-0282	LF	1/2" Diameter, 304/18-8 Stainless Steel Threaded Rod	11.15	0.86
		For 316 Stainless Steel, Add	*3.82*	
26 05 29 00-0283	LF	5/8" Diameter, 304/18-8 Stainless Steel Threaded Rod	16.61	0.87
		For 316 Stainless Steel, Add	*6.02*	
26 05 29 00-0284	LF	3/4" Diameter, 304/18-8 Stainless Steel Threaded Rod	23.18	0.88
		For 316 Stainless Steel, Add	*8.67*	
26 05 29 00-0285	LF	7/8" Diameter, 304/18-8 Stainless Steel Threaded Rod	31.82	0.91
		For 316 Stainless Steel, Add	*12.15*	
26 05 29 00-0286	LF	1" Diameter, 304/18-8 Stainless Steel Threaded Rod	40.86	1.06
		For 316 Stainless Steel, Add	*15.68*	
26 05 29 00-0287	LF	1-1/4" Diameter, 304/18-8 Stainless Steel Threaded Rod	86.28	1.28
		For 316 Stainless Steel, Add	*33.86*	
26 05 29 00-0288		**Polyvinyl Chloride (PVC) Coated Supports** *(26 05 29)*		
		Note: Includes stainless steel and/or Polyvinyl Chloride (PVC) coated hardware.		
26 05 29 00-0289		**Attachments** *(26 05 29 00-0288)*		
26 05 29 00-0290		**Polyvinyl Chloride (PVC) Coated Pipe Straps** *(26 05 29 00-0289)*		
		Note: Includes stainless steel nuts and bolts.		
26 05 29 00-0291	EA	1/2" Polyvinyl Chloride (PVC) Coated Pipe Strap	24.92	8.47

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0292	EA	3/4" Polyvinyl Chloride (PVC) Coated Pipe Strap	26.22	9.24
26 05 29 00-0293	EA	1" Polyvinyl Chloride (PVC) Coated Pipe Strap	28.57	10.01
26 05 29 00-0294	EA	1-1/4" Polyvinyl Chloride (PVC) Coated Pipe Strap	32.17	11.54
26 05 29 00-0295	EA	1-1/2" Polyvinyl Chloride (PVC) Coated Pipe Strap	36.82	13.09
26 05 29 00-0296	EA	2" Polyvinyl Chloride (PVC) Coated Pipe Strap	40.90	13.86
26 05 29 00-0297	EA	2-1/2" Polyvinyl Chloride (PVC) Coated Pipe Strap	45.20	15.39
26 05 29 00-0298	EA	3" Polyvinyl Chloride (PVC) Coated Pipe Strap	53.68	16.94
26 05 29 00-0299	EA	3-1/2" Polyvinyl Chloride (PVC) Coated Pipe Strap	58.65	17.71
26 05 29 00-0300	EA	4" Polyvinyl Chloride (PVC) Coated Pipe Strap	61.66	19.24
26 05 29 00-0301	EA	5" Polyvinyl Chloride (PVC) Coated Pipe Strap	65.95	21.55

26 05 29 00-0302 Polymer Concrete Pads *(26 05 29)*

Note: Excludes excavation and backfill.

26 05 29 00-0303 Polymer Concrete, Box Pads *(26 05 29 00-0302)*

26 05 29 00-0304	EA	24" x 36", 18" Depth, Polymer Concrete, Box Pad	1,428.99	137.33
26 05 29 00-0305	EA	25" x 25", 24" Depth, Polymer Concrete, Box Pad	1,476.68	137.33
26 05 29 00-0306	EA	40" x 44", 15" Depth, Polymer Concrete, Box Pad	1,914.99	137.33
26 05 29 00-0307	EA	40" x 44", 24" Depth, Polymer Concrete, Box Pad	1,987.67	137.33
26 05 29 00-0308	EA	52" x 36", 18" Depth, Polymer Concrete, Box Pad	1,847.34	137.33
26 05 29 00-0309	EA	44" x 44", 32" Depth, Polymer Concrete, Box Pad	2,190.54	137.33
26 05 29 00-0310	EA	40" x 58", 24" Depth, Polymer Concrete, Box Pad	2,453.70	137.33
26 05 29 00-0311	EA	52" x 50", 18" Depth, Polymer Concrete, Box Pad	2,350.25	171.66
26 05 29 00-0312	EA	74" x 76", 36" Depth, Polymer Concrete, Box Pad	3,579.81	171.66
26 05 29 00-0313	EA	93" x 93", 36" Depth, Polymer Concrete, Box Pad	4,815.45	171.66

26 05 29 00-0314 Polymer Concrete, Telecommunications Equipment Pads *(26 05 29 00-0302)*

26 05 29 00-0315	EA	42" x 42", 3" Thick, Polymer Concrete, Telecommunications Equipment Pad	694.03	77.20
26 05 29 00-0316	EA	48" x 46", 3" Thick, Polymer Concrete, Telecommunications Equipment Pad	824.33	77.20
26 05 29 00-0317	EA	60" x 42", 3" Thick, Polymer Concrete, Telecommunications Equipment Pad	1,060.20	103.00
26 05 29 00-0318	EA	54" x 48", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad	1,108.63	103.00
26 05 29 00-0319	EA	57" x 60", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad	1,601.60	103.00
26 05 29 00-0320	EA	72" x 60", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad	1,670.12	103.00
26 05 29 00-0321	EA	64" x 72", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad	1,797.79	103.00
26 05 29 00-0322	EA	72" x 64", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad	1,797.79	103.00
26 05 29 00-0323	EA	76" x 84", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad	3,401.69	103.00
26 05 29 00-0324	EA	96" x 84", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad	3,859.35	103.00

26 05 29 00-0325 Polymer Concrete, Electrical Equipment Pads *(26 05 29 00-0302)*

26 05 29 00-0326	EA	24" x 25", 2" Thick, Polymer Concrete, Electrical Equipment Pad	418.06	77.20
26 05 29 00-0327	EA	24" x 36", 2" Thick, Polymer Concrete, Electrical Equipment Pad	451.55	77.20
26 05 29 00-0328	EA	24" x 44", 2" Thick, Polymer Concrete, Electrical Equipment Pad	482.07	77.20
26 05 29 00-0329	EA	24" x 58", 2" Thick, Polymer Concrete, Electrical Equipment Pad	583.42	77.20
26 05 29 00-0330	EA	40" x 40", 3" Thick, Polymer Concrete, Electrical Equipment Pad	538.19	77.20
26 05 29 00-0331	EA	42" x 42", 3" Thick, Polymer Concrete, Electrical Equipment Pad	559.51	77.20
26 05 29 00-0332	EA	48" x 42", 4" Thick, Polymer Concrete, Electrical Equipment Pad	614.76	77.20
26 05 29 00-0333	EA	48" x 46", 3" Thick, Polymer Concrete, Electrical Equipment Pad	646.99	77.20
26 05 29 00-0334	EA	54" x 48", 4" Thick, Polymer Concrete, Electrical Equipment Pad	754.64	77.20
26 05 29 00-0335	EA	56" x 44", 3" Thick, Polymer Concrete, Electrical Equipment Pad	931.95	77.20
26 05 29 00-0336	EA	64" x 64", 4" Thick, Polymer Concrete, Electrical Equipment Pad	1,364.11	103.00
26 05 29 00-0337	EA	66" x 72", 4" Thick, Polymer Concrete, Electrical Equipment Pad	1,428.91	103.00
26 05 29 00-0338	EA	75" x 52", 4" Thick, Polymer Concrete, Electrical Equipment Pad	1,449.36	103.00
26 05 29 00-0339	EA	90" x 48", 4" Thick, Polymer Concrete, Electrical Equipment Pad	1,585.60	103.00
26 05 29 00-0340	EA	84" x 96", 4" Thick, Polymer Concrete, Electrical Equipment Pad	3,407.84	103.00
26 05 29 00-0341	EA	96" x 80", 4" Thick, Polymer Concrete, Electrical Equipment Pad	4,018.21	103.00

26 05 33 Raceway and Boxes for Electrical Systems *(26 05)*

26 05 33 13 Conduit for Electrical Systems *(26 05 33)*

26 05 33 13-0001 Conduit Assemblies With Wire *(26 05 33 13)*

Note: Includes conduit, field bending conduit up to and including 1", fittings and wire. Excludes hangers or supports.

26 05 33 13-0002 Electrical Metallic Tubing (EMT) Conduit Assemblies *(26 05 33 13-0001)*

Note: Includes conduit, field bends, fittings, set screw connectors, set screw couplings, straps, and copper wire as indicated. Per CLF. See CSI section 26 05 19 16-0062 for larger copper conducter, 26 05 33 13-0589 for larger EMT conduit.

26 05 33 13-0003	CLF	1/2" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	961.84	286.48
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For 2 #12 THWN Conductor Instead Of THHN, Add	*1.91*	
26 05 33 13-0004	CLF	1/2" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,051.26	311.10
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For 3 #12 THWN Conductor Instead Of THHN, Add	*2.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0005	CLF	1/2" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,140.68	335.71
		For Work In Restricted Working Space, Add	*287.79*	
		For 4 #12 THWN Conductor Instead Of THHN, Add	*3.82*	
26 05 33 13-0006	CLF	1/2" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,016.19	298.79
		For 2 #10 THWN Conductor Instead Of THHN, Add	*2.86*	
26 05 33 13-0007	CLF	1/2" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,126.93	327.51
		For 3 #10 THWN Conductor Instead Of THHN, Add	*4.29*	
26 05 33 13-0008	CLF	1/2" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conducter Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,237.66	356.22
		For Work In Restricted Working Space, Add	*305.37*	
		For 4 #10 THWN Conductor Instead Of THHN, Add	*5.73*	
26 05 33 13-0009	CLF	1/2" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,138.60	323.40
		For Work In Restricted Working Space, Add	*277.24*	
		For 2 #8 THWN Conductor Instead Of THHN, Add	*4.99*	
26 05 33 13-0010	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,070.81	308.86
		For 2 #12 THWN Conductor Instead Of THHN, Add	*1.91*	
26 05 33 13-0011	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,160.24	333.48
		For 3 #12 THWN Conductor Instead Of THHN, Add	*2.86*	
26 05 33 13-0012	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,249.65	358.10
26 05 33 13-0013	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 5 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,339.07	382.71
		For 5 #12 THWN Conductor Instead Of THHN, Add	*4.77*	
26 05 33 13-0014	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,125.16	321.17
		For 2 #10 THWN Conductor Instead Of THHN, Add	*2.86*	
26 05 33 13-0015	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,235.89	349.89
		For 3 #10 THWN Conductor Instead Of THHN, Add	*4.29*	
26 05 33 13-0016	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,346.64	378.61
		For 4 #10 THWN Conductor Instead Of THHN, Add	*5.73*	
26 05 33 13-0017	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 5 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,457.36	407.33
		For 5 #10 THWN Conductor Instead Of THHN, Add	*7.16*	
26 05 33 13-0018	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,402.98	382.71
		For Work In Restricted Working Space, Add	*328.02*	
		For 3 #8 THWN Conductor Instead Of THHN, Add	*7.49*	
26 05 33 13-0019	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,558.41	419.64
		For Work In Restricted Working Space, Add	*359.67*	
		For 4 #8 THWN Conductor Instead Of THHN, Add	*9.99*	
26 05 33 13-0020	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,404.38	370.41
		For Work In Restricted Working Space, Add	*317.47*	
		For 2 #6 THWN Conductor Instead Of THHN, Add	*8.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0021	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,615.88	415.54
		For Work In Restricted Working Space, Add	*356.15*	
		For 3 #6 THWN Conductor Instead Of THHN, Add	*12.38*	
26 05 33 13-0022	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,223.66	332.43
		For 2 #12 THWN Conductor Instead Of THHN, Add	*1.91*	
26 05 33 13-0023	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,313.09	357.04
		For 3 #12 THWN Conductor Instead Of THHN, Add	*2.86*	
26 05 33 13-0024	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,402.52	381.66
26 05 33 13-0025	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 5 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,491.94	406.27
		For 5 #12 THWN Conductor Instead Of THHN, Add	*4.77*	
26 05 33 13-0026	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,278.01	344.74
		For 2 #10 THWN Conductor Instead Of THHN, Add	*2.86*	
26 05 33 13-0027	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,388.75	373.46
		For 3 #10 THWN Conductor Instead Of THHN, Add	*4.29*	
26 05 33 13-0028	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,499.49	402.16
		For 4 #10 THWN Conductor Instead Of THHN, Add	*5.73*	
26 05 33 13-0029	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 5 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,610.23	430.88
		For 5 #10 THWN Conductor Instead Of THHN, Add	*7.16*	
26 05 33 13-0030	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,555.85	406.27
		For Work In Restricted Working Space, Add	*348.28*	
		For 3 #8 THWN Conductor Instead Of THHN, Add	*7.49*	
26 05 33 13-0031	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,768.74	439.09
		For Work In Restricted Working Space, Add	*376.41*	
		For 3 #6 THWN Conductor Instead Of THHN, Add	*12.38*	
26 05 33 13-0032	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,980.22	484.22
		For Work In Restricted Working Space, Add	*415.09*	
		For 4 #6 THWN Conductor Instead Of THHN, Add	*16.51*	

26 05 33 13-0033 Rigid Galvanized Steel (RGS) Conduit Assemblies *(26 05 33 13-0001)*

Note: Includes conduit, field bends, fittings, terminations, straps, and copper wire as indicated. Per CLF. See CSI section 26 05 19 16-0062 for larger copper conducter, 26 05 33 13-0060 for larger RGS conduit.

26 05 33 13-0034	CLF	1/2" Rigid Galvanized Steel (RGS) Conduit Assembly With 2 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.	1,256.91	326.09
		For 2 #12 THWN Conductor Instead Of THHN, Add	*1.91*	
26 05 33 13-0035	CLF	1/2" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.	1,346.32	350.71
		For 3 #12 THWN Conductor Instead Of THHN, Add	*2.86*	
26 05 33 13-0036	CLF	1/2" Rigid Galvanized Steel (RGS) Conduit Assembly With 2 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.	1,311.25	338.40
		For 2 #10 THWN Conductor Instead Of THHN, Add	*2.86*	
26 05 33 13-0037	CLF	1/2" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.	1,422.00	367.12
		For 3 #10 THWN Conductor Instead Of THHN, Add	*4.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0038	CLF	1/2" Rigid Galvanized Steel (RGS) Conduit Assembly With 2 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor	1,433.66	363.02
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*311.14*	
		For 2 #8 THWN Conductor Instead of THHN, Add	*4.99*	
26 05 33 13-0039	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 2 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,381.38	347.78
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For 2 #12 THWN Conductor Instead Of THHN, Add	*1.91*	
26 05 33 13-0040	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,470.80	372.39
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For 3 #12 THWN Conductor Instead Of THHN, Add	*2.86*	
26 05 33 13-0041	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 4 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,560.24	397.01
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
26 05 33 13-0042	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 2 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,435.73	360.09
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For 2 #10 THWN Conductor Instead Of THHN, Add	*2.86*	
26 05 33 13-0043	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,546.47	388.80
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For 3 #10 THWN Conductor Instead Of THHN, Add	*4.29*	
26 05 33 13-0044	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 4 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,657.21	417.52
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For 4 #10 THWN Conductor Instead Of THHN, Add	*5.73*	
26 05 33 13-0045	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor	1,713.57	421.63
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*361.36*	
		For 3 #8 THWN Conductor Instead Of THHN, Add	*7.49*	
26 05 33 13-0046	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 4 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor	1,868.99	458.55
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*393.00*	
		For 4 #8 THWN Conductor Instead Of THHN, Add	*9.99*	
26 05 33 13-0047	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 2 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor	1,714.97	409.32
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*350.81*	
		For 2 #6 THWN Conductor Instead Of THHN, Add	*8.26*	
26 05 33 13-0048	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor	1,926.44	454.45
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*389.48*	
		For 3 #6 THWN Conductor Instead Of THHN, Add	*12.38*	
26 05 33 13-0049	CLF	1" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,774.39	415.30
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For 3 #12 THWN Conductor Instead Of THHN, Add	*2.86*	
26 05 33 13-0050	CLF	1" Rigid Galvanized Steel (RGS) Conduit Assembly With 4 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,863.82	439.92
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
26 05 33 13-0051	CLF	1" Rigid Galvanized Steel (RGS) Conduit Assembly With 5 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,953.23	464.52
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For 5 #12 THWN Conductor Instead Of THHN, Add	*4.77*	
26 05 33 13-0052	CLF	1" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,850.05	431.71
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For 3 #10 THWN Conductor Instead Of THHN, Add	*4.29*	
26 05 33 13-0053	CLF	1" Rigid Galvanized Steel (RGS) Conduit Assembly With 4 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,960.78	460.42
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For 4 #10 THWN Conductor Instead Of THHN, Add	*5.73*	
26 05 33 13-0054	CLF	1" Rigid Galvanized Steel (RGS) Conduit Assembly With 5 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	2,071.52	489.14
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For 5 #10 THWN Conductor Instead Of THHN, Add	*7.16*	
26 05 33 13-0055	CLF	1" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor	2,017.14	464.52
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*398.17*	
		For 3 #8 THWN Conductor Instead Of THHN, Add	*7.49*	
26 05 33 13-0056	CLF	1" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor	2,230.03	497.35
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*426.31*	
		For 3 #6 THWN Conductor Instead Of THHN, Add	*12.38*	
26 05 33 13-0057	CLF	1" Rigid Galvanized Steel (RGS) Conduit Assembly With 4 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor	2,441.51	542.48
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*464.99*	
		For 4 #6 THWN Conductor Instead Of THHN, Add	*16.51*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0058			**Conduit** *(26 05 33 13)* Note: Where 4-1/2" conduit is required, use tasks for 5" conduit. Add couplings as required at each fitting.		
26 05 33 13-0059			**Conduit Installed Above Grade** *(26 05 33 13-0058)*		
26 05 33 13-0060			**Rigid Galvanized Steel (RGS) Or Galvanized Rigid Steel Conduit (GRC) Conduit** *(26 05 33 13-0059)* Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.		
26 05 33 13-0061			**Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling** *(26 05 33 13-0060)* Note: Includes field bending conduit up to and including 1". See CSI section 26 05 33 13-1358 for field bending >1".		
26 05 33 13-0062		LF	1/2" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	9.01	2.58
			For Installation In Metal Stud Wall, Add	*0.65*	
			For Work In Restricted Working Space, Add	*1.94*	
			For >1,000, Deduct	*-0.74*	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.97*	
			For >500 To 1,000, Deduct	*-0.51*	
			For Installation In Wood Stud Wall (Includes Drilling), Add	*1.61*	
			For Elevated Installation >10' To 15', Add	*0.65*	
			For Elevated Installation >15' To 20', Add	*1.29*	
			For Elevated Installation >20' To 25', Add	*1.61*	
			For Elevated Installation >25' To 30', Add	*2.26*	
			For Elevated Installation >30' To 35', Add	*2.58*	
			For Elevated Installation >35' To 40', Add	*3.23*	
			For Elevated Installation >40', Add	*3.55*	
			For >250 To 500, Deduct	*-0.13*	
26 05 33 13-0063		LF	3/4" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	10.66	2.82
			For Installation In Metal Stud Wall, Add	*0.75*	
			For Work In Restricted Working Space, Add	*2.25*	
			For >1,000, Deduct	*-0.88*	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.13*	
			For >500 To 1,000, Deduct	*-0.61*	
			For Installation In Wood Stud Wall (Includes Drilling), Add	*1.88*	
			For Elevated Installation >10' To 15', Add	*0.75*	
			For Elevated Installation >15' To 20', Add	*1.50*	
			For Elevated Installation >20' To 25', Add	*1.88*	
			For Elevated Installation >25' To 30', Add	*2.63*	
			For Elevated Installation >30' To 35', Add	*3.00*	
			For Elevated Installation >35' To 40', Add	*3.75*	
			For Elevated Installation >40', Add	*4.13*	
			For >250 To 500, Deduct	*-0.16*	
26 05 33 13-0064		LF	1" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	14.96	3.28
			For Installation In Metal Stud Wall, Add	*1.01*	
			For Work In Restricted Working Space, Add	*3.02*	
			For >1,000, Deduct	*-1.24*	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.51*	
			For >500 To 1,000, Deduct	*-0.87*	
			For Installation In Wood Stud Wall (Includes Drilling), Add	*2.52*	
			For Elevated Installation >10' To 15', Add	*1.01*	
			For Elevated Installation >15' To 20', Add	*2.02*	
			For Elevated Installation >20' To 25', Add	*2.52*	
			For Elevated Installation >25' To 30', Add	*3.53*	
			For Elevated Installation >30' To 35', Add	*4.03*	
			For Elevated Installation >35' To 40', Add	*5.04*	
			For Elevated Installation >40', Add	*5.54*	
			For >250 To 500, Deduct	*-0.24*	
26 05 33 13-0065		LF	1-1/4" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	17.18	3.75
			For Installation In Metal Stud Wall, Add	*1.07*	
			For Work In Restricted Working Space, Add	*3.20*	
			For >1,000, Deduct	*-1.45*	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.60*	
			For >500 To 1,000, Deduct	*-1.02*	
			For Installation In Wood Stud Wall (Includes Drilling), Add	*2.67*	
			For Elevated Installation >10' To 15', Add	*1.07*	
			For Elevated Installation >15' To 20', Add	*2.13*	
			For Elevated Installation >20' To 25', Add	*2.67*	
			For Elevated Installation >25' To 30', Add	*3.73*	
			For Elevated Installation >30' To 35', Add	*4.27*	
			For Elevated Installation >35' To 40', Add	*5.34*	
			For Elevated Installation >40', Add	*5.87*	
			For >250 To 500, Deduct	*-0.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0066	LF	1-1/2" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	19.70	4.22
		For Installation In Metal Stud Wall, Add	*1.17*	
		For Work In Restricted Working Space, Add	*3.52*	
		For >1,000, Deduct	*-1.68*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.76*	
		For >500 To 1,000, Deduct	*-1.18*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.93*	
		For Elevated Installation >10' To 15', Add	*1.17*	
		For Elevated Installation >15' To 20', Add	*2.34*	
		For Elevated Installation >20' To 25', Add	*2.93*	
		For Elevated Installation >25' To 30', Add	*4.10*	
		For Elevated Installation >30' To 35', Add	*4.69*	
		For Elevated Installation >35' To 40', Add	*5.86*	
		For Elevated Installation >40', Add	*6.45*	
		For >250 To 500, Deduct	*-0.40*	
26 05 33 13-0067	LF	2" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	25.08	5.16
		For Installation In Metal Stud Wall, Add	*1.44*	
		For Work In Restricted Working Space, Add	*4.32*	
		For >1,000, Deduct	*-2.15*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*2.16*	
		For >500 To 1,000, Deduct	*-1.52*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*3.60*	
		For Elevated Installation >10' To 15', Add	*1.44*	
		For Elevated Installation >15' To 20', Add	*2.88*	
		For Elevated Installation >20' To 25', Add	*3.60*	
		For Elevated Installation >25' To 30', Add	*5.04*	
		For Elevated Installation >30' To 35', Add	*5.76*	
		For Elevated Installation >35' To 40', Add	*7.21*	
		For Elevated Installation >40', Add	*7.93*	
		For >250 To 500, Deduct	*-0.53*	
26 05 33 13-0068	LF	2-1/2" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	37.26	7.04
		For Installation In Metal Stud Wall, Add	*1.96*	
		For Work In Restricted Working Space, Add	*5.87*	
		For >1,000, Deduct	*-3.24*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*2.94*	
		For >500 To 1,000, Deduct	*-2.31*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*4.90*	
		For Elevated Installation >10' To 15', Add	*1.96*	
		For Elevated Installation >15' To 20', Add	*3.92*	
		For Elevated Installation >20' To 25', Add	*4.90*	
		For Elevated Installation >25' To 30', Add	*6.85*	
		For Elevated Installation >30' To 35', Add	*7.83*	
		For Elevated Installation >35' To 40', Add	*9.79*	
		For Elevated Installation >40', Add	*10.77*	
		For >250 To 500, Deduct	*-0.88*	
26 05 33 13-0069	LF	3" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	48.87	9.37
		For Installation In Metal Stud Wall, Add	*2.64*	
		For Work In Restricted Working Space, Add	*7.91*	
		For >1,000, Deduct	*-4.23*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*3.96*	
		For >500 To 1,000, Deduct	*-3.01*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*6.59*	
		For Elevated Installation >10' To 15', Add	*2.64*	
		For Elevated Installation >15' To 20', Add	*5.27*	
		For Elevated Installation >20' To 25', Add	*6.59*	
		For Elevated Installation >25' To 30', Add	*9.23*	
		For Elevated Installation >30' To 35', Add	*10.55*	
		For Elevated Installation >35' To 40', Add	*13.19*	
		For Elevated Installation >40', Add	*14.50*	
		For >250 To 500, Deduct	*-1.13*	
26 05 33 13-0070	LF	3-1/2" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	58.75	11.72
		For Installation In Metal Stud Wall, Add	*3.13*	
		For Work In Restricted Working Space, Add	*9.39*	
		For >1,000, Deduct	*-5.09*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*4.70*	
		For >500 To 1,000, Deduct	*-3.62*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*7.83*	
		For Elevated Installation >10' To 15', Add	*3.13*	
		For Elevated Installation >15' To 20', Add	*6.26*	
		For Elevated Installation >20' To 25', Add	*7.83*	
		For Elevated Installation >25' To 30', Add	*10.96*	
		For Elevated Installation >30' To 35', Add	*12.52*	
		For Elevated Installation >35' To 40', Add	*15.65*	
		For Elevated Installation >40', Add	*17.22*	
		For >250 To 500, Deduct	*-1.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0071	LF	4" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	69.64	14.06
		For Installation In Metal Stud Wall, Add	*3.61*	
		For Work In Restricted Working Space, Add	*10.83*	
		For >1,000, Deduct	*-6.06*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*5.42*	
		For >500 To 1,000, Deduct	*-4.32*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*9.03*	
		For Elevated Installation >10' To 15', Add	*3.61*	
		For Elevated Installation >15' To 20', Add	*7.22*	
		For Elevated Installation >20' To 25', Add	*9.03*	
		For Elevated Installation >25' To 30', Add	*12.64*	
		For Elevated Installation >30' To 35', Add	*14.44*	
		For Elevated Installation >35' To 40', Add	*18.06*	
		For Elevated Installation >40', Add	*19.86*	
		For >250 To 500, Deduct	*-1.68*	

26 05 33 13-0072 Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow *(26 05 33 13-0060)*

See CSI section 26 05 33 13-1358 for conduit field bending.

26 05 33 13-0073	EA	1/2" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	34.86	11.61
		For Work In Restricted Working Space, Add	*8.73*	
		For Elevated Installation >10' To 15', Add	*2.91*	
		For Elevated Installation >15' To 20', Add	*5.82*	
		For Elevated Installation >20' To 25', Add	*7.28*	
		For Elevated Installation >25' To 30', Add	*10.19*	
		For Elevated Installation >30' To 35', Add	*11.64*	
		For Elevated Installation >35' To 40', Add	*14.55*	
		For Elevated Installation >40', Add	*16.01*	
26 05 33 13-0074	EA	3/4" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	43.79	14.41
		For Work In Restricted Working Space, Add	*10.86*	
		For Elevated Installation >10' To 15', Add	*3.62*	
		For Elevated Installation >15' To 20', Add	*7.24*	
		For Elevated Installation >20' To 25', Add	*9.05*	
		For Elevated Installation >25' To 30', Add	*12.67*	
		For Elevated Installation >30' To 35', Add	*14.48*	
		For Elevated Installation >35' To 40', Add	*18.10*	
		For Elevated Installation >40', Add	*19.90*	
26 05 33 13-0075	EA	1" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	55.82	17.70
		For Work In Restricted Working Space, Add	*13.24*	
		For Elevated Installation >10' To 15', Add	*4.41*	
		For Elevated Installation >15' To 20', Add	*8.83*	
		For Elevated Installation >20' To 25', Add	*11.03*	
		For Elevated Installation >25' To 30', Add	*15.45*	
		For Elevated Installation >30' To 35', Add	*17.65*	
		For Elevated Installation >35' To 40', Add	*22.07*	
		For Elevated Installation >40', Add	*24.27*	
26 05 33 13-0076	EA	1-1/4" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	71.23	20.51
		For Work In Restricted Working Space, Add	*15.37*	
		For Elevated Installation >10' To 15', Add	*5.12*	
		For Elevated Installation >15' To 20', Add	*10.25*	
		For Elevated Installation >20' To 25', Add	*12.81*	
		For Elevated Installation >25' To 30', Add	*17.93*	
		For Elevated Installation >30' To 35', Add	*20.50*	
		For Elevated Installation >35' To 40', Add	*25.62*	
		For Elevated Installation >40', Add	*28.18*	
26 05 33 13-0077	EA	1-1/2" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	82.65	23.56
		For Work In Restricted Working Space, Add	*17.64*	
		For Elevated Installation >10' To 15', Add	*5.88*	
		For Elevated Installation >15' To 20', Add	*11.76*	
		For Elevated Installation >20' To 25', Add	*14.70*	
		For Elevated Installation >25' To 30', Add	*20.58*	
		For Elevated Installation >30' To 35', Add	*23.52*	
		For Elevated Installation >35' To 40', Add	*29.41*	
		For Elevated Installation >40', Add	*32.35*	
26 05 33 13-0078	EA	2" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	97.48	25.90
		For Work In Restricted Working Space, Add	*19.41*	
		For Elevated Installation >10' To 15', Add	*6.47*	
		For Elevated Installation >15' To 20', Add	*12.94*	
		For Elevated Installation >20' To 25', Add	*16.18*	
		For Elevated Installation >25' To 30', Add	*22.65*	
		For Elevated Installation >30' To 35', Add	*25.88*	
		For Elevated Installation >35' To 40', Add	*32.35*	
		For Elevated Installation >40', Add	*35.59*	
26 05 33 13-0079	EA	2-1/2" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	139.28	32.35
		For Work In Restricted Working Space, Add	*24.26*	
		For Elevated Installation >10' To 15', Add	*8.09*	
		For Elevated Installation >15' To 20', Add	*16.17*	
		For Elevated Installation >20' To 25', Add	*20.22*	
		For Elevated Installation >25' To 30', Add	*28.30*	
		For Elevated Installation >30' To 35', Add	*32.35*	
		For Elevated Installation >35' To 40', Add	*40.44*	
		For Elevated Installation >40', Add	*44.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0080	EA	3" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	197.14	44.08
		For Work In Restricted Working Space, Add	*33.05*	
		For Elevated Installation >10' To 15', Add	*11.02*	
		For Elevated Installation >15' To 20', Add	*22.03*	
		For Elevated Installation >20' To 25', Add	*27.54*	
		For Elevated Installation >25' To 30', Add	*38.56*	
		For Elevated Installation >30' To 35', Add	*44.07*	
		For Elevated Installation >35' To 40', Add	*55.09*	
		For Elevated Installation >40', Add	*60.59*	
26 05 33 13-0081	EA	3-1/2" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	260.23	49.70
		For Work In Restricted Working Space, Add	*37.28*	
		For Elevated Installation >10' To 15', Add	*12.43*	
		For Elevated Installation >15' To 20', Add	*24.85*	
		For Elevated Installation >20' To 25', Add	*31.07*	
		For Elevated Installation >25' To 30', Add	*43.49*	
		For Elevated Installation >30' To 35', Add	*49.71*	
		For Elevated Installation >35' To 40', Add	*62.14*	
		For Elevated Installation >40', Add	*68.35*	
26 05 33 13-0082	EA	4" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	318.42	64.71
		For Work In Restricted Working Space, Add	*48.52*	
		For Elevated Installation >10' To 15', Add	*16.17*	
		For Elevated Installation >15' To 20', Add	*32.35*	
		For Elevated Installation >20' To 25', Add	*40.43*	
		For Elevated Installation >25' To 30', Add	*56.61*	
		For Elevated Installation >30' To 35', Add	*64.69*	
		For Elevated Installation >35' To 40', Add	*80.87*	
		For Elevated Installation >40', Add	*88.95*	

26 05 33 13-0083 Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow *(26 05 33 13-0060)*

See CSI section 26 05 33 13-1358 for conduit field bending.

26 05 33 13-0084	EA	1/2" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	34.86	11.61
		For Work In Restricted Working Space, Add	*8.73*	
		For Elevated Installation >10' To 15', Add	*2.91*	
		For Elevated Installation >15' To 20', Add	*5.82*	
		For Elevated Installation >20' To 25', Add	*7.28*	
		For Elevated Installation >25' To 30', Add	*10.19*	
		For Elevated Installation >30' To 35', Add	*11.64*	
		For Elevated Installation >35' To 40', Add	*14.55*	
		For Elevated Installation >40', Add	*16.01*	
26 05 33 13-0085	EA	3/4" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	43.79	14.41
		For Work In Restricted Working Space, Add	*10.86*	
		For Elevated Installation >10' To 15', Add	*3.62*	
		For Elevated Installation >15' To 20', Add	*7.24*	
		For Elevated Installation >20' To 25', Add	*9.05*	
		For Elevated Installation >25' To 30', Add	*12.67*	
		For Elevated Installation >30' To 35', Add	*14.48*	
		For Elevated Installation >35' To 40', Add	*18.10*	
		For Elevated Installation >40', Add	*19.90*	
26 05 33 13-0086	EA	1" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	55.82	17.70
		For Work In Restricted Working Space, Add	*13.24*	
		For Elevated Installation >10' To 15', Add	*4.41*	
		For Elevated Installation >15' To 20', Add	*8.83*	
		For Elevated Installation >20' To 25', Add	*11.03*	
		For Elevated Installation >25' To 30', Add	*15.45*	
		For Elevated Installation >30' To 35', Add	*17.65*	
		For Elevated Installation >35' To 40', Add	*22.07*	
		For Elevated Installation >40', Add	*24.27*	
26 05 33 13-0087	EA	1-1/4" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	71.23	20.51
		For Work In Restricted Working Space, Add	*15.37*	
		For Elevated Installation >10' To 15', Add	*5.12*	
		For Elevated Installation >15' To 20', Add	*10.25*	
		For Elevated Installation >20' To 25', Add	*12.81*	
		For Elevated Installation >25' To 30', Add	*17.93*	
		For Elevated Installation >30' To 35', Add	*20.50*	
		For Elevated Installation >35' To 40', Add	*25.62*	
		For Elevated Installation >40', Add	*28.18*	
26 05 33 13-0088	EA	1-1/2" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	82.66	23.56
		For Work In Restricted Working Space, Add	*17.64*	
		For Elevated Installation >10' To 15', Add	*5.88*	
		For Elevated Installation >15' To 20', Add	*11.76*	
		For Elevated Installation >20' To 25', Add	*14.70*	
		For Elevated Installation >25' To 30', Add	*20.58*	
		For Elevated Installation >30' To 35', Add	*23.52*	
		For Elevated Installation >35' To 40', Add	*29.41*	
		For Elevated Installation >40', Add	*32.35*	
26 05 33 13-0089	EA	2" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	97.48	25.90
		For Work In Restricted Working Space, Add	*19.41*	
		For Elevated Installation >10' To 15', Add	*6.47*	
		For Elevated Installation >15' To 20', Add	*12.94*	
		For Elevated Installation >20' To 25', Add	*16.18*	
		For Elevated Installation >25' To 30', Add	*22.65*	
		For Elevated Installation >30' To 35', Add	*25.88*	
		For Elevated Installation >35' To 40', Add	*32.35*	
		For Elevated Installation >40', Add	*35.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0090	EA	2-1/2" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	136.91	32.35
		For Work In Restricted Working Space, Add	*24.26*	
		For Elevated Installation >10' To 15', Add	*8.09*	
		For Elevated Installation >15' To 20', Add	*16.17*	
		For Elevated Installation >20' To 25', Add	*20.22*	
		For Elevated Installation >25' To 30', Add	*28.30*	
		For Elevated Installation >30' To 35', Add	*32.35*	
		For Elevated Installation >35' To 40', Add	*40.44*	
		For Elevated Installation >40', Add	*44.48*	
26 05 33 13-0091	EA	3" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	187.90	44.08
		For Work In Restricted Working Space, Add	*33.05*	
		For Elevated Installation >10' To 15', Add	*11.02*	
		For Elevated Installation >15' To 20', Add	*22.03*	
		For Elevated Installation >20' To 25', Add	*27.54*	
		For Elevated Installation >25' To 30', Add	*38.56*	
		For Elevated Installation >30' To 35', Add	*44.07*	
		For Elevated Installation >35' To 40', Add	*55.09*	
		For Elevated Installation >40', Add	*60.59*	
26 05 33 13-0092	EA	3-1/2" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	247.24	49.70
		For Work In Restricted Working Space, Add	*37.28*	
		For Elevated Installation >10' To 15', Add	*12.43*	
		For Elevated Installation >15' To 20', Add	*24.85*	
		For Elevated Installation >20' To 25', Add	*31.07*	
		For Elevated Installation >25' To 30', Add	*43.49*	
		For Elevated Installation >30' To 35', Add	*49.71*	
		For Elevated Installation >35' To 40', Add	*62.14*	
		For Elevated Installation >40', Add	*68.35*	
26 05 33 13-0093	EA	4" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	301.14	64.71
		For Work In Restricted Working Space, Add	*48.52*	
		For Elevated Installation >10' To 15', Add	*16.17*	
		For Elevated Installation >15' To 20', Add	*32.35*	
		For Elevated Installation >20' To 25', Add	*40.43*	
		For Elevated Installation >25' To 30', Add	*56.61*	
		For Elevated Installation >30' To 35', Add	*64.69*	
		For Elevated Installation >35' To 40', Add	*80.87*	
		For Elevated Installation >40', Add	*88.95*	
26 05 33 13-0094	EA	5" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	520.85	105.49
		For Work In Restricted Working Space, Add	*79.13*	
		For Elevated Installation >10' To 15', Add	*26.38*	
		For Elevated Installation >15' To 20', Add	*52.75*	
		For Elevated Installation >20' To 25', Add	*65.94*	
		For Elevated Installation >25' To 30', Add	*92.31*	
		For Elevated Installation >30' To 35', Add	*105.50*	
		For Elevated Installation >35' To 40', Add	*131.88*	
		For Elevated Installation >40', Add	*145.06*	
26 05 33 13-0095	EA	6" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	783.01	158.48
		For Work In Restricted Working Space, Add	*118.85*	
		For Elevated Installation >10' To 15', Add	*39.62*	
		For Elevated Installation >15' To 20', Add	*79.23*	
		For Elevated Installation >20' To 25', Add	*99.04*	
		For Elevated Installation >25' To 30', Add	*138.66*	
		For Elevated Installation >30' To 35', Add	*158.46*	
		For Elevated Installation >35' To 40', Add	*198.08*	
		For Elevated Installation >40', Add	*217.89*	

26 05 33 13-0096 Rigid Galvanized Steel (RGS) 12" Large Radius Elbow *(26 05 33 13-0060)*

See CSI section 26 05 33 13-1358 for conduit field bending.

26 05 33 13-0097	EA	1" Rigid Galvanized Steel (RGS) 12" Large Radius Elbow	85.75	28.95
		For Work In Restricted Working Space, Add	*17.37*	
		For Elevated Installation >10' To 15', Add	*5.79*	
		For Elevated Installation >15' To 20', Add	*11.58*	
		For Elevated Installation >20' To 25', Add	*14.48*	
		For Elevated Installation >25' To 30', Add	*20.27*	
		For Elevated Installation >30' To 35', Add	*23.16*	
		For Elevated Installation >35' To 40', Add	*28.96*	
		For Elevated Installation >40', Add	*31.85*	
26 05 33 13-0098	EA	1-1/4" Rigid Galvanized Steel (RGS) 12" Large Radius Elbow	98.83	33.52
		For Work In Restricted Working Space, Add	*20.12*	
		For Elevated Installation >10' To 15', Add	*6.71*	
		For Elevated Installation >15' To 20', Add	*13.41*	
		For Elevated Installation >20' To 25', Add	*16.76*	
		For Elevated Installation >25' To 30', Add	*23.47*	
		For Elevated Installation >30' To 35', Add	*26.82*	
		For Elevated Installation >35' To 40', Add	*33.53*	
		For Elevated Installation >40', Add	*36.88*	
26 05 33 13-0099	EA	1-1/2" Rigid Galvanized Steel (RGS) 12" Large Radius Elbow	114.26	38.09
		For Work In Restricted Working Space, Add	*22.86*	
		For Elevated Installation >10' To 15', Add	*7.62*	
		For Elevated Installation >15' To 20', Add	*15.24*	
		For Elevated Installation >20' To 25', Add	*19.05*	
		For Elevated Installation >25' To 30', Add	*26.67*	
		For Elevated Installation >30' To 35', Add	*30.48*	
		For Elevated Installation >35' To 40', Add	*38.10*	
		For Elevated Installation >40', Add	*41.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0100	EA	2" Rigid Galvanized Steel (RGS) 12" Large Radius Elbow	128.67	41.90
		For Work In Restricted Working Space, Add	*25.14*	
		For Elevated Installation >10' To 15', Add	*8.38*	
		For Elevated Installation >15' To 20', Add	*16.76*	
		For Elevated Installation >20' To 25', Add	*20.95*	
		For Elevated Installation >25' To 30', Add	*29.33*	
		For Elevated Installation >30' To 35', Add	*33.52*	
		For Elevated Installation >35' To 40', Add	*41.91*	
		For Elevated Installation >40', Add	*46.10*	
26 05 33 13-0101		Rigid Galvanized Steel (RGS) 15" Large Radius Elbow *(26 05 33 13-0060)*		
		See CSI section 26 05 33 13-1358 for conduit field bending.		
26 05 33 13-0102	EA	1" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	92.98	28.95
		For Work In Restricted Working Space, Add	*17.37*	
		For Elevated Installation >10' To 15', Add	*5.79*	
		For Elevated Installation >15' To 20', Add	*11.58*	
		For Elevated Installation >20' To 25', Add	*14.48*	
		For Elevated Installation >25' To 30', Add	*20.27*	
		For Elevated Installation >30' To 35', Add	*23.16*	
		For Elevated Installation >35' To 40', Add	*28.96*	
		For Elevated Installation >40', Add	*31.85*	
26 05 33 13-0103	EA	1-1/4" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	108.11	33.52
		For Work In Restricted Working Space, Add	*20.12*	
		For Elevated Installation >10' To 15', Add	*6.71*	
		For Elevated Installation >15' To 20', Add	*13.41*	
		For Elevated Installation >20' To 25', Add	*16.76*	
		For Elevated Installation >25' To 30', Add	*23.47*	
		For Elevated Installation >30' To 35', Add	*26.82*	
		For Elevated Installation >35' To 40', Add	*33.53*	
		For Elevated Installation >40', Add	*36.88*	
26 05 33 13-0104	EA	1-1/2" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	118.49	38.09
		For Work In Restricted Working Space, Add	*22.86*	
		For Elevated Installation >10' To 15', Add	*7.62*	
		For Elevated Installation >15' To 20', Add	*15.24*	
		For Elevated Installation >20' To 25', Add	*19.05*	
		For Elevated Installation >25' To 30', Add	*26.67*	
		For Elevated Installation >30' To 35', Add	*30.48*	
		For Elevated Installation >35' To 40', Add	*38.10*	
		For Elevated Installation >40', Add	*41.90*	
26 05 33 13-0105	EA	2" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	133.39	41.90
		For Work In Restricted Working Space, Add	*25.14*	
		For Elevated Installation >10' To 15', Add	*8.38*	
		For Elevated Installation >15' To 20', Add	*16.76*	
		For Elevated Installation >20' To 25', Add	*20.95*	
		For Elevated Installation >25' To 30', Add	*29.33*	
		For Elevated Installation >30' To 35', Add	*33.52*	
		For Elevated Installation >35' To 40', Add	*41.91*	
		For Elevated Installation >40', Add	*46.10*	
26 05 33 13-0106	EA	2-1/2" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	177.10	52.58
		For Work In Restricted Working Space, Add	*31.54*	
		For Elevated Installation >10' To 15', Add	*10.51*	
		For Elevated Installation >15' To 20', Add	*21.03*	
		For Elevated Installation >20' To 25', Add	*26.29*	
		For Elevated Installation >25' To 30', Add	*36.80*	
		For Elevated Installation >30' To 35', Add	*42.06*	
		For Elevated Installation >35' To 40', Add	*52.57*	
		For Elevated Installation >40', Add	*57.83*	
26 05 33 13-0107	EA	3" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	238.41	71.62
		For Work In Restricted Working Space, Add	*42.97*	
		For Elevated Installation >10' To 15', Add	*14.32*	
		For Elevated Installation >15' To 20', Add	*28.65*	
		For Elevated Installation >20' To 25', Add	*35.81*	
		For Elevated Installation >25' To 30', Add	*50.13*	
		For Elevated Installation >30' To 35', Add	*57.30*	
		For Elevated Installation >35' To 40', Add	*71.62*	
		For Elevated Installation >40', Add	*78.78*	
26 05 33 13-0108		Rigid Galvanized Steel (RGS) 18" Large Radius Elbow *(26 05 33 13-0060)*		
		See CSI section 26 05 33 13-1358 for conduit field bending.		
26 05 33 13-0109	EA	1" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	93.32	28.95
		For Work In Restricted Working Space, Add	*17.37*	
		For Elevated Installation >10' To 15', Add	*5.79*	
		For Elevated Installation >15' To 20', Add	*11.58*	
		For Elevated Installation >20' To 25', Add	*14.48*	
		For Elevated Installation >25' To 30', Add	*20.27*	
		For Elevated Installation >30' To 35', Add	*23.16*	
		For Elevated Installation >35' To 40', Add	*28.96*	
		For Elevated Installation >40', Add	*31.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0110	EA	1-1/4" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	107.20	33.52
		For Work In Restricted Working Space, Add	*20.12*	
		For Elevated Installation >10' To 15', Add	*6.71*	
		For Elevated Installation >15' To 20', Add	*13.41*	
		For Elevated Installation >20' To 25', Add	*16.76*	
		For Elevated Installation >25' To 30', Add	*23.47*	
		For Elevated Installation >30' To 35', Add	*26.82*	
		For Elevated Installation >35' To 40', Add	*33.53*	
		For Elevated Installation >40', Add	*36.88*	
26 05 33 13-0111	EA	1-1/2" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	123.06	38.09
		For Work In Restricted Working Space, Add	*22.86*	
		For Elevated Installation >10' To 15', Add	*7.62*	
		For Elevated Installation >15' To 20', Add	*15.24*	
		For Elevated Installation >20' To 25', Add	*19.05*	
		For Elevated Installation >25' To 30', Add	*26.67*	
		For Elevated Installation >30' To 35', Add	*30.48*	
		For Elevated Installation >35' To 40', Add	*38.10*	
		For Elevated Installation >40', Add	*41.90*	
26 05 33 13-0112	EA	2" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	143.62	41.90
		For Work In Restricted Working Space, Add	*25.14*	
		For Elevated Installation >10' To 15', Add	*8.38*	
		For Elevated Installation >15' To 20', Add	*16.76*	
		For Elevated Installation >20' To 25', Add	*20.95*	
		For Elevated Installation >25' To 30', Add	*29.33*	
		For Elevated Installation >30' To 35', Add	*33.52*	
		For Elevated Installation >35' To 40', Add	*41.91*	
		For Elevated Installation >40', Add	*46.10*	
26 05 33 13-0113	EA	2-1/2" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	186.63	52.58
		For Work In Restricted Working Space, Add	*31.54*	
		For Elevated Installation >10' To 15', Add	*10.51*	
		For Elevated Installation >15' To 20', Add	*21.03*	
		For Elevated Installation >20' To 25', Add	*26.29*	
		For Elevated Installation >25' To 30', Add	*36.80*	
		For Elevated Installation >30' To 35', Add	*42.06*	
		For Elevated Installation >35' To 40', Add	*52.57*	
		For Elevated Installation >40', Add	*57.83*	
26 05 33 13-0114	EA	3" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	246.10	71.62
		For Work In Restricted Working Space, Add	*42.97*	
		For Elevated Installation >10' To 15', Add	*14.32*	
		For Elevated Installation >15' To 20', Add	*28.65*	
		For Elevated Installation >20' To 25', Add	*35.81*	
		For Elevated Installation >25' To 30', Add	*50.13*	
		For Elevated Installation >30' To 35', Add	*57.30*	
		For Elevated Installation >35' To 40', Add	*71.62*	
		For Elevated Installation >40', Add	*78.78*	
26 05 33 13-0115	EA	3-1/2" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	306.92	80.76
		For Work In Restricted Working Space, Add	*48.46*	
		For Elevated Installation >10' To 15', Add	*16.15*	
		For Elevated Installation >15' To 20', Add	*32.31*	
		For Elevated Installation >20' To 25', Add	*40.38*	
		For Elevated Installation >25' To 30', Add	*56.54*	
		For Elevated Installation >30' To 35', Add	*64.61*	
		For Elevated Installation >35' To 40', Add	*80.77*	
		For Elevated Installation >40', Add	*88.84*	
26 05 33 13-0116	EA	4" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	372.73	105.14
		For Work In Restricted Working Space, Add	*63.08*	
		For Elevated Installation >10' To 15', Add	*21.03*	
		For Elevated Installation >15' To 20', Add	*42.06*	
		For Elevated Installation >20' To 25', Add	*52.57*	
		For Elevated Installation >25' To 30', Add	*73.60*	
		For Elevated Installation >30' To 35', Add	*84.11*	
		For Elevated Installation >35' To 40', Add	*105.14*	
		For Elevated Installation >40', Add	*115.65*	
26 05 33 13-0117		Rigid Galvanized Steel (RGS) 24" Large Radius Elbow *(26 05 33 13-0060)*		
		See CSI section 26 05 33 13-1358 for conduit field bending.		
26 05 33 13-0118	EA	1" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	104.83	28.95
		For Work In Restricted Working Space, Add	*17.37*	
		For Elevated Installation >10' To 15', Add	*5.79*	
		For Elevated Installation >15' To 20', Add	*11.58*	
		For Elevated Installation >20' To 25', Add	*14.48*	
		For Elevated Installation >25' To 30', Add	*20.27*	
		For Elevated Installation >30' To 35', Add	*23.16*	
		For Elevated Installation >35' To 40', Add	*28.96*	
		For Elevated Installation >40', Add	*31.85*	
26 05 33 13-0119	EA	1-1/4" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	118.49	33.52
		For Work In Restricted Working Space, Add	*20.12*	
		For Elevated Installation >10' To 15', Add	*6.71*	
		For Elevated Installation >15' To 20', Add	*13.41*	
		For Elevated Installation >20' To 25', Add	*16.76*	
		For Elevated Installation >25' To 30', Add	*23.47*	
		For Elevated Installation >30' To 35', Add	*26.82*	
		For Elevated Installation >35' To 40', Add	*33.53*	
		For Elevated Installation >40', Add	*36.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0120	EA	1-1/2" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	131.52	38.09
		For Work In Restricted Working Space, Add	*22.86*	
		For Elevated Installation >10' To 15', Add	*7.62*	
		For Elevated Installation >15' To 20', Add	*15.24*	
		For Elevated Installation >20' To 25', Add	*19.05*	
		For Elevated Installation >25' To 30', Add	*26.67*	
		For Elevated Installation >30' To 35', Add	*30.48*	
		For Elevated Installation >35' To 40', Add	*38.10*	
		For Elevated Installation >40', Add	*41.90*	
26 05 33 13-0121	EA	2" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	156.09	41.90
		For Work In Restricted Working Space, Add	*25.14*	
		For Elevated Installation >10' To 15', Add	*8.38*	
		For Elevated Installation >15' To 20', Add	*16.76*	
		For Elevated Installation >20' To 25', Add	*20.95*	
		For Elevated Installation >25' To 30', Add	*29.33*	
		For Elevated Installation >30' To 35', Add	*33.52*	
		For Elevated Installation >35' To 40', Add	*41.91*	
		For Elevated Installation >40', Add	*46.10*	
26 05 33 13-0122	EA	2-1/2" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	203.64	52.58
		For Work In Restricted Working Space, Add	*31.54*	
		For Elevated Installation >10' To 15', Add	*10.51*	
		For Elevated Installation >15' To 20', Add	*21.03*	
		For Elevated Installation >20' To 25', Add	*26.29*	
		For Elevated Installation >25' To 30', Add	*36.80*	
		For Elevated Installation >30' To 35', Add	*42.06*	
		For Elevated Installation >35' To 40', Add	*52.57*	
		For Elevated Installation >40', Add	*57.83*	
26 05 33 13-0123	EA	3" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	272.76	71.62
		For Work In Restricted Working Space, Add	*42.97*	
		For Elevated Installation >10' To 15', Add	*14.32*	
		For Elevated Installation >15' To 20', Add	*28.65*	
		For Elevated Installation >20' To 25', Add	*35.81*	
		For Elevated Installation >25' To 30', Add	*50.13*	
		For Elevated Installation >30' To 35', Add	*57.30*	
		For Elevated Installation >35' To 40', Add	*71.62*	
		For Elevated Installation >40', Add	*78.78*	
26 05 33 13-0124	EA	3-1/2" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	332.84	80.76
		For Work In Restricted Working Space, Add	*48.46*	
		For Elevated Installation >10' To 15', Add	*16.15*	
		For Elevated Installation >15' To 20', Add	*32.31*	
		For Elevated Installation >20' To 25', Add	*40.38*	
		For Elevated Installation >25' To 30', Add	*56.54*	
		For Elevated Installation >30' To 35', Add	*64.61*	
		For Elevated Installation >35' To 40', Add	*80.77*	
		For Elevated Installation >40', Add	*88.84*	
26 05 33 13-0125	EA	4" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	393.40	105.14
		For Work In Restricted Working Space, Add	*63.08*	
		For Elevated Installation >10' To 15', Add	*21.03*	
		For Elevated Installation >15' To 20', Add	*42.06*	
		For Elevated Installation >20' To 25', Add	*52.57*	
		For Elevated Installation >25' To 30', Add	*73.60*	
		For Elevated Installation >30' To 35', Add	*84.11*	
		For Elevated Installation >35' To 40', Add	*105.14*	
		For Elevated Installation >40', Add	*115.65*	
26 05 33 13-0126		Rigid Galvanized Steel (RGS) 30" Large Radius Elbow *(26 05 33 13-0060)*		
		See CSI section 26 05 33 13-1358 for conduit field bending.		
26 05 33 13-0127	EA	1" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	104.13	28.95
		For Work In Restricted Working Space, Add	*17.37*	
		For Elevated Installation >10' To 15', Add	*5.79*	
		For Elevated Installation >15' To 20', Add	*11.58*	
		For Elevated Installation >20' To 25', Add	*14.48*	
		For Elevated Installation >25' To 30', Add	*20.27*	
		For Elevated Installation >30' To 35', Add	*23.16*	
		For Elevated Installation >35' To 40', Add	*28.96*	
		For Elevated Installation >40', Add	*31.85*	
26 05 33 13-0128	EA	1-1/4" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	126.89	33.52
		For Work In Restricted Working Space, Add	*20.12*	
		For Elevated Installation >10' To 15', Add	*6.71*	
		For Elevated Installation >15' To 20', Add	*13.41*	
		For Elevated Installation >20' To 25', Add	*16.76*	
		For Elevated Installation >25' To 30', Add	*23.47*	
		For Elevated Installation >30' To 35', Add	*26.82*	
		For Elevated Installation >35' To 40', Add	*33.53*	
		For Elevated Installation >40', Add	*36.88*	
26 05 33 13-0129	EA	1-1/2" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	140.62	38.09
		For Work In Restricted Working Space, Add	*22.86*	
		For Elevated Installation >10' To 15', Add	*7.62*	
		For Elevated Installation >15' To 20', Add	*15.24*	
		For Elevated Installation >20' To 25', Add	*19.05*	
		For Elevated Installation >25' To 30', Add	*26.67*	
		For Elevated Installation >30' To 35', Add	*30.48*	
		For Elevated Installation >35' To 40', Add	*38.10*	
		For Elevated Installation >40', Add	*41.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0130	EA	2" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	167.98	41.90
		For Work In Restricted Working Space, Add	*25.14*	
		For Elevated Installation >10' To 15', Add	*8.38*	
		For Elevated Installation >15' To 20', Add	*16.76*	
		For Elevated Installation >20' To 25', Add	*20.95*	
		For Elevated Installation >25' To 30', Add	*29.33*	
		For Elevated Installation >30' To 35', Add	*33.52*	
		For Elevated Installation >35' To 40', Add	*41.91*	
		For Elevated Installation >40', Add	*46.10*	
26 05 33 13-0131	EA	2-1/2" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	219.96	52.58
		For Work In Restricted Working Space, Add	*31.54*	
		For Elevated Installation >10' To 15', Add	*10.51*	
		For Elevated Installation >15' To 20', Add	*21.03*	
		For Elevated Installation >20' To 25', Add	*26.29*	
		For Elevated Installation >25' To 30', Add	*36.80*	
		For Elevated Installation >30' To 35', Add	*42.06*	
		For Elevated Installation >35' To 40', Add	*52.57*	
		For Elevated Installation >40', Add	*57.83*	
26 05 33 13-0132	EA	3" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	293.82	71.62
		For Work In Restricted Working Space, Add	*42.97*	
		For Elevated Installation >10' To 15', Add	*14.32*	
		For Elevated Installation >15' To 20', Add	*28.65*	
		For Elevated Installation >20' To 25', Add	*35.81*	
		For Elevated Installation >25' To 30', Add	*50.13*	
		For Elevated Installation >30' To 35', Add	*57.30*	
		For Elevated Installation >35' To 40', Add	*71.62*	
		For Elevated Installation >40', Add	*78.78*	
26 05 33 13-0133	EA	3-1/2" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	358.47	80.76
		For Work In Restricted Working Space, Add	*48.46*	
		For Elevated Installation >10' To 15', Add	*16.15*	
		For Elevated Installation >15' To 20', Add	*32.31*	
		For Elevated Installation >20' To 25', Add	*40.38*	
		For Elevated Installation >25' To 30', Add	*56.54*	
		For Elevated Installation >30' To 35', Add	*64.61*	
		For Elevated Installation >35' To 40', Add	*80.77*	
		For Elevated Installation >40', Add	*88.84*	
26 05 33 13-0134	EA	4" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	431.33	105.14
		For Work In Restricted Working Space, Add	*63.08*	
		For Elevated Installation >10' To 15', Add	*21.03*	
		For Elevated Installation >15' To 20', Add	*42.06*	
		For Elevated Installation >20' To 25', Add	*52.57*	
		For Elevated Installation >25' To 30', Add	*73.60*	
		For Elevated Installation >30' To 35', Add	*84.11*	
		For Elevated Installation >35' To 40', Add	*105.14*	
		For Elevated Installation >40', Add	*115.65*	
26 05 33 13-0135	EA	5" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	626.79	171.43
		For Work In Restricted Working Space, Add	*102.86*	
		For Elevated Installation >10' To 15', Add	*34.29*	
		For Elevated Installation >15' To 20', Add	*68.57*	
		For Elevated Installation >20' To 25', Add	*85.72*	
		For Elevated Installation >25' To 30', Add	*120.00*	
		For Elevated Installation >30' To 35', Add	*137.14*	
		For Elevated Installation >35' To 40', Add	*171.43*	
		For Elevated Installation >40', Add	*188.57*	

26 05 33 13-0136 Rigid Galvanized Steel (RGS) 36" Large Radius Elbow *(26 05 33 13-0060)*

See CSI section 26 05 33 13-1358 for conduit field bending.

26 05 33 13-0137	EA	1" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	110.28	28.95
		For Work In Restricted Working Space, Add	*17.37*	
		For Elevated Installation >10' To 15', Add	*5.79*	
		For Elevated Installation >15' To 20', Add	*11.58*	
		For Elevated Installation >20' To 25', Add	*14.48*	
		For Elevated Installation >25' To 30', Add	*20.27*	
		For Elevated Installation >30' To 35', Add	*23.16*	
		For Elevated Installation >35' To 40', Add	*28.96*	
		For Elevated Installation >40', Add	*31.85*	
26 05 33 13-0138	EA	1-1/4" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	131.03	33.52
		For Work In Restricted Working Space, Add	*20.12*	
		For Elevated Installation >10' To 15', Add	*6.71*	
		For Elevated Installation >15' To 20', Add	*13.41*	
		For Elevated Installation >20' To 25', Add	*16.76*	
		For Elevated Installation >25' To 30', Add	*23.47*	
		For Elevated Installation >30' To 35', Add	*26.82*	
		For Elevated Installation >35' To 40', Add	*33.53*	
		For Elevated Installation >40', Add	*36.88*	
26 05 33 13-0139	EA	1-1/2" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	156.55	38.09
		For Work In Restricted Working Space, Add	*22.86*	
		For Elevated Installation >10' To 15', Add	*7.62*	
		For Elevated Installation >15' To 20', Add	*15.24*	
		For Elevated Installation >20' To 25', Add	*19.05*	
		For Elevated Installation >25' To 30', Add	*26.67*	
		For Elevated Installation >30' To 35', Add	*30.48*	
		For Elevated Installation >35' To 40', Add	*38.10*	
		For Elevated Installation >40', Add	*41.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0140	EA	2" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	177.26	41.90
		For Work In Restricted Working Space, Add	*25.14*	
		For Elevated Installation >10' To 15', Add	*8.38*	
		For Elevated Installation >15' To 20', Add	*16.76*	
		For Elevated Installation >20' To 25', Add	*20.95*	
		For Elevated Installation >25' To 30', Add	*29.33*	
		For Elevated Installation >30' To 35', Add	*33.52*	
		For Elevated Installation >35' To 40', Add	*41.91*	
		For Elevated Installation >40', Add	*46.10*	
26 05 33 13-0141	EA	2-1/2" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	239.31	52.58
		For Work In Restricted Working Space, Add	*31.54*	
		For Elevated Installation >10' To 15', Add	*10.51*	
		For Elevated Installation >15' To 20', Add	*21.03*	
		For Elevated Installation >20' To 25', Add	*26.29*	
		For Elevated Installation >25' To 30', Add	*36.80*	
		For Elevated Installation >30' To 35', Add	*42.06*	
		For Elevated Installation >35' To 40', Add	*52.57*	
		For Elevated Installation >40', Add	*57.83*	
26 05 33 13-0142	EA	3" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	311.83	71.62
		For Work In Restricted Working Space, Add	*42.97*	
		For Elevated Installation >10' To 15', Add	*14.32*	
		For Elevated Installation >15' To 20', Add	*28.65*	
		For Elevated Installation >20' To 25', Add	*35.81*	
		For Elevated Installation >25' To 30', Add	*50.13*	
		For Elevated Installation >30' To 35', Add	*57.30*	
		For Elevated Installation >35' To 40', Add	*71.62*	
		For Elevated Installation >40', Add	*78.78*	
26 05 33 13-0143	EA	3-1/2" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	391.57	80.76
		For Work In Restricted Working Space, Add	*48.46*	
		For Elevated Installation >10' To 15', Add	*16.15*	
		For Elevated Installation >15' To 20', Add	*32.31*	
		For Elevated Installation >20' To 25', Add	*40.38*	
		For Elevated Installation >25' To 30', Add	*56.54*	
		For Elevated Installation >30' To 35', Add	*64.61*	
		For Elevated Installation >35' To 40', Add	*80.77*	
		For Elevated Installation >40', Add	*88.84*	
26 05 33 13-0144	EA	4" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	449.18	105.14
		For Work In Restricted Working Space, Add	*63.08*	
		For Elevated Installation >10' To 15', Add	*21.03*	
		For Elevated Installation >15' To 20', Add	*42.06*	
		For Elevated Installation >20' To 25', Add	*52.57*	
		For Elevated Installation >25' To 30', Add	*73.60*	
		For Elevated Installation >30' To 35', Add	*84.11*	
		For Elevated Installation >35' To 40', Add	*105.14*	
		For Elevated Installation >40', Add	*115.65*	
26 05 33 13-0145	EA	5" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	772.40	171.43
		For Work In Restricted Working Space, Add	*102.86*	
		For Elevated Installation >10' To 15', Add	*34.29*	
		For Elevated Installation >15' To 20', Add	*68.57*	
		For Elevated Installation >20' To 25', Add	*85.72*	
		For Elevated Installation >25' To 30', Add	*120.00*	
		For Elevated Installation >30' To 35', Add	*137.14*	
		For Elevated Installation >35' To 40', Add	*171.43*	
		For Elevated Installation >40', Add	*188.57*	
26 05 33 13-0146	EA	6" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	986.95	257.53
		For Work In Restricted Working Space, Add	*154.52*	
		For Elevated Installation >10' To 15', Add	*51.51*	
		For Elevated Installation >15' To 20', Add	*103.01*	
		For Elevated Installation >20' To 25', Add	*128.76*	
		For Elevated Installation >25' To 30', Add	*180.27*	
		For Elevated Installation >30' To 35', Add	*206.02*	
		For Elevated Installation >35' To 40', Add	*257.53*	
		For Elevated Installation >40', Add	*283.28*	

26 05 33 13-0147 Rigid Galvanized Steel (RGS) 42" Large Radius Elbow *(26 05 33 13-0060)*

See CSI section 26 05 33 13-1358 for conduit field bending.

26 05 33 13-0148	EA	1" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	119.29	28.95
		For Work In Restricted Working Space, Add	*17.37*	
		For Elevated Installation >10' To 15', Add	*5.79*	
		For Elevated Installation >15' To 20', Add	*11.58*	
		For Elevated Installation >20' To 25', Add	*14.48*	
		For Elevated Installation >25' To 30', Add	*20.27*	
		For Elevated Installation >30' To 35', Add	*23.16*	
		For Elevated Installation >35' To 40', Add	*28.96*	
		For Elevated Installation >40', Add	*31.85*	
26 05 33 13-0149	EA	1-1/4" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	142.03	33.52
		For Work In Restricted Working Space, Add	*20.12*	
		For Elevated Installation >10' To 15', Add	*6.71*	
		For Elevated Installation >15' To 20', Add	*13.41*	
		For Elevated Installation >20' To 25', Add	*16.76*	
		For Elevated Installation >25' To 30', Add	*23.47*	
		For Elevated Installation >30' To 35', Add	*26.82*	
		For Elevated Installation >35' To 40', Add	*33.53*	
		For Elevated Installation >40', Add	*36.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0150	EA	1-1/2" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	168.25	38.09
		For Work In Restricted Working Space, Add	*22.86*	
		For Elevated Installation >10' To 15', Add	*7.62*	
		For Elevated Installation >15' To 20', Add	*15.24*	
		For Elevated Installation >20' To 25', Add	*19.05*	
		For Elevated Installation >25' To 30', Add	*26.67*	
		For Elevated Installation >30' To 35', Add	*30.48*	
		For Elevated Installation >35' To 40', Add	*38.10*	
		For Elevated Installation >40', Add	*41.90*	
26 05 33 13-0151	EA	2" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	189.49	41.90
		For Work In Restricted Working Space, Add	*25.14*	
		For Elevated Installation >10' To 15', Add	*8.38*	
		For Elevated Installation >15' To 20', Add	*16.76*	
		For Elevated Installation >20' To 25', Add	*20.95*	
		For Elevated Installation >25' To 30', Add	*29.33*	
		For Elevated Installation >30' To 35', Add	*33.52*	
		For Elevated Installation >35' To 40', Add	*41.91*	
		For Elevated Installation >40', Add	*46.10*	
26 05 33 13-0152	EA	2-1/2" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	254.11	52.58
		For Work In Restricted Working Space, Add	*31.54*	
		For Elevated Installation >10' To 15', Add	*10.51*	
		For Elevated Installation >15' To 20', Add	*21.03*	
		For Elevated Installation >20' To 25', Add	*26.29*	
		For Elevated Installation >25' To 30', Add	*36.80*	
		For Elevated Installation >30' To 35', Add	*42.06*	
		For Elevated Installation >35' To 40', Add	*52.57*	
		For Elevated Installation >40', Add	*57.83*	
26 05 33 13-0153	EA	3" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	338.21	71.62
		For Work In Restricted Working Space, Add	*42.97*	
		For Elevated Installation >10' To 15', Add	*14.32*	
		For Elevated Installation >15' To 20', Add	*28.65*	
		For Elevated Installation >20' To 25', Add	*35.81*	
		For Elevated Installation >25' To 30', Add	*50.13*	
		For Elevated Installation >30' To 35', Add	*57.30*	
		For Elevated Installation >35' To 40', Add	*71.62*	
		For Elevated Installation >40', Add	*78.78*	
26 05 33 13-0154	EA	3-1/2" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	418.03	80.76
		For Work In Restricted Working Space, Add	*48.46*	
		For Elevated Installation >10' To 15', Add	*16.15*	
		For Elevated Installation >15' To 20', Add	*32.31*	
		For Elevated Installation >20' To 25', Add	*40.38*	
		For Elevated Installation >25' To 30', Add	*56.54*	
		For Elevated Installation >30' To 35', Add	*64.61*	
		For Elevated Installation >35' To 40', Add	*80.77*	
		For Elevated Installation >40', Add	*88.84*	
26 05 33 13-0155	EA	4" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	525.32	105.14
		For Work In Restricted Working Space, Add	*63.08*	
		For Elevated Installation >10' To 15', Add	*21.03*	
		For Elevated Installation >15' To 20', Add	*42.06*	
		For Elevated Installation >20' To 25', Add	*52.57*	
		For Elevated Installation >25' To 30', Add	*73.60*	
		For Elevated Installation >30' To 35', Add	*84.11*	
		For Elevated Installation >35' To 40', Add	*105.14*	
		For Elevated Installation >40', Add	*115.65*	
26 05 33 13-0156	EA	5" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	877.44	171.43
		For Work In Restricted Working Space, Add	*102.86*	
		For Elevated Installation >10' To 15', Add	*34.29*	
		For Elevated Installation >15' To 20', Add	*68.57*	
		For Elevated Installation >20' To 25', Add	*85.72*	
		For Elevated Installation >25' To 30', Add	*120.00*	
		For Elevated Installation >30' To 35', Add	*137.14*	
		For Elevated Installation >35' To 40', Add	*171.43*	
		For Elevated Installation >40', Add	*188.57*	
26 05 33 13-0157	EA	6" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	1,077.91	257.53
		For Work In Restricted Working Space, Add	*154.52*	
		For Elevated Installation >10' To 15', Add	*51.51*	
		For Elevated Installation >15' To 20', Add	*103.01*	
		For Elevated Installation >20' To 25', Add	*128.76*	
		For Elevated Installation >25' To 30', Add	*180.27*	
		For Elevated Installation >30' To 35', Add	*206.02*	
		For Elevated Installation >35' To 40', Add	*257.53*	
		For Elevated Installation >40', Add	*283.28*	

26 05 33 13-0158 Rigid Galvanized Steel (RGS) 48" Large Radius Elbow *(26 05 33 13-0060)*

See CSI section 26 05 33 13-1358 for conduit field bending.

26 05 33 13-0159	EA	1" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	126.79	28.95
		For Work In Restricted Working Space, Add	*17.37*	
		For Elevated Installation >10' To 15', Add	*5.79*	
		For Elevated Installation >15' To 20', Add	*11.58*	
		For Elevated Installation >20' To 25', Add	*14.48*	
		For Elevated Installation >25' To 30', Add	*20.27*	
		For Elevated Installation >30' To 35', Add	*23.16*	
		For Elevated Installation >35' To 40', Add	*28.96*	
		For Elevated Installation >40', Add	*31.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0160	EA	1-1/4" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	150.51	33.52
		For Work In Restricted Working Space, Add	*20.12*	
		For Elevated Installation >10' To 15', Add	*6.71*	
		For Elevated Installation >15' To 20', Add	*13.41*	
		For Elevated Installation >20' To 25', Add	*16.76*	
		For Elevated Installation >25' To 30', Add	*23.47*	
		For Elevated Installation >30' To 35', Add	*26.82*	
		For Elevated Installation >35' To 40', Add	*33.53*	
		For Elevated Installation >40', Add	*36.88*	
26 05 33 13-0161	EA	1-1/2" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	175.64	38.09
		For Work In Restricted Working Space, Add	*22.86*	
		For Elevated Installation >10' To 15', Add	*7.62*	
		For Elevated Installation >15' To 20', Add	*15.24*	
		For Elevated Installation >20' To 25', Add	*19.05*	
		For Elevated Installation >25' To 30', Add	*26.67*	
		For Elevated Installation >30' To 35', Add	*30.48*	
		For Elevated Installation >35' To 40', Add	*38.10*	
		For Elevated Installation >40', Add	*41.90*	
26 05 33 13-0162	EA	2" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	212.33	41.90
		For Work In Restricted Working Space, Add	*25.14*	
		For Elevated Installation >10' To 15', Add	*8.38*	
		For Elevated Installation >15' To 20', Add	*16.76*	
		For Elevated Installation >20' To 25', Add	*20.95*	
		For Elevated Installation >25' To 30', Add	*29.33*	
		For Elevated Installation >30' To 35', Add	*33.52*	
		For Elevated Installation >35' To 40', Add	*41.91*	
		For Elevated Installation >40', Add	*46.10*	
26 05 33 13-0163	EA	2-1/2" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	281.41	52.58
		For Work In Restricted Working Space, Add	*31.54*	
		For Elevated Installation >10' To 15', Add	*10.51*	
		For Elevated Installation >15' To 20', Add	*21.03*	
		For Elevated Installation >20' To 25', Add	*26.29*	
		For Elevated Installation >25' To 30', Add	*36.80*	
		For Elevated Installation >30' To 35', Add	*42.06*	
		For Elevated Installation >35' To 40', Add	*52.57*	
		For Elevated Installation >40', Add	*57.83*	
26 05 33 13-0164	EA	3" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	364.80	71.62
		For Work In Restricted Working Space, Add	*42.97*	
		For Elevated Installation >10' To 15', Add	*14.32*	
		For Elevated Installation >15' To 20', Add	*28.65*	
		For Elevated Installation >20' To 25', Add	*35.81*	
		For Elevated Installation >25' To 30', Add	*50.13*	
		For Elevated Installation >30' To 35', Add	*57.30*	
		For Elevated Installation >35' To 40', Add	*71.62*	
		For Elevated Installation >40', Add	*78.78*	
26 05 33 13-0165	EA	3-1/2" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	451.30	80.76
		For Work In Restricted Working Space, Add	*48.46*	
		For Elevated Installation >10' To 15', Add	*16.15*	
		For Elevated Installation >15' To 20', Add	*32.31*	
		For Elevated Installation >20' To 25', Add	*40.38*	
		For Elevated Installation >25' To 30', Add	*56.54*	
		For Elevated Installation >30' To 35', Add	*64.61*	
		For Elevated Installation >35' To 40', Add	*80.77*	
		For Elevated Installation >40', Add	*88.84*	
26 05 33 13-0166	EA	4" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	565.74	105.14
		For Work In Restricted Working Space, Add	*63.08*	
		For Elevated Installation >10' To 15', Add	*21.03*	
		For Elevated Installation >15' To 20', Add	*42.06*	
		For Elevated Installation >20' To 25', Add	*52.57*	
		For Elevated Installation >25' To 30', Add	*73.60*	
		For Elevated Installation >30' To 35', Add	*84.11*	
		For Elevated Installation >35' To 40', Add	*105.14*	
		For Elevated Installation >40', Add	*115.65*	
26 05 33 13-0167	EA	5" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	910.33	171.43
		For Work In Restricted Working Space, Add	*102.86*	
		For Elevated Installation >10' To 15', Add	*34.29*	
		For Elevated Installation >15' To 20', Add	*68.57*	
		For Elevated Installation >20' To 25', Add	*85.72*	
		For Elevated Installation >25' To 30', Add	*120.00*	
		For Elevated Installation >30' To 35', Add	*137.14*	
		For Elevated Installation >35' To 40', Add	*171.43*	
		For Elevated Installation >40', Add	*188.57*	
26 05 33 13-0168	EA	6" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	1,096.31	257.53
		For Work In Restricted Working Space, Add	*154.52*	
		For Elevated Installation >10' To 15', Add	*51.51*	
		For Elevated Installation >15' To 20', Add	*103.01*	
		For Elevated Installation >20' To 25', Add	*128.76*	
		For Elevated Installation >25' To 30', Add	*180.27*	
		For Elevated Installation >30' To 35', Add	*206.02*	
		For Elevated Installation >35' To 40', Add	*257.53*	
		For Elevated Installation >40', Add	*283.28*	

26 05 33 13-0169 Rigid Galvanized Steel (RGS) Plastic Insulating Bushing *(26 05 33 13-0060)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0170	EA	1/2" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	15.36	7.47
		For Work In Restricted Working Space, Add	*4.49*	
		For Elevated Installation >10' To 15', Add	*1.50*	
		For Elevated Installation >15' To 20', Add	*2.99*	
		For Elevated Installation >20' To 25', Add	*3.74*	
		For Elevated Installation >25' To 30', Add	*5.23*	
		For Elevated Installation >30' To 35', Add	*5.98*	
		For Elevated Installation >35' To 40', Add	*7.48*	
		For Elevated Installation >40', Add	*8.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.49*	
26 05 33 13-0171	EA	3/4" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	16.48	7.97
		For Work In Restricted Working Space, Add	*4.78*	
		For Elevated Installation >10' To 15', Add	*1.59*	
		For Elevated Installation >15' To 20', Add	*3.19*	
		For Elevated Installation >20' To 25', Add	*3.99*	
		For Elevated Installation >25' To 30', Add	*5.58*	
		For Elevated Installation >30' To 35', Add	*6.38*	
		For Elevated Installation >35' To 40', Add	*7.97*	
		For Elevated Installation >40', Add	*8.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.78*	
26 05 33 13-0172	EA	1" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	18.74	8.97
		For Work In Restricted Working Space, Add	*5.38*	
		For Elevated Installation >10' To 15', Add	*1.79*	
		For Elevated Installation >15' To 20', Add	*3.59*	
		For Elevated Installation >20' To 25', Add	*4.48*	
		For Elevated Installation >25' To 30', Add	*6.28*	
		For Elevated Installation >30' To 35', Add	*7.17*	
		For Elevated Installation >35' To 40', Add	*8.97*	
		For Elevated Installation >40', Add	*9.86*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.38*	
26 05 33 13-0173	EA	1-1/4" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	21.11	9.96
		For Work In Restricted Working Space, Add	*5.98*	
		For Elevated Installation >10' To 15', Add	*1.99*	
		For Elevated Installation >15' To 20', Add	*3.99*	
		For Elevated Installation >20' To 25', Add	*4.98*	
		For Elevated Installation >25' To 30', Add	*6.98*	
		For Elevated Installation >30' To 35', Add	*7.97*	
		For Elevated Installation >35' To 40', Add	*9.97*	
		For Elevated Installation >40', Add	*10.96*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.98*	
26 05 33 13-0174	EA	1-1/2" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	26.52	12.45
		For Work In Restricted Working Space, Add	*7.47*	
		For Elevated Installation >10' To 15', Add	*2.49*	
		For Elevated Installation >15' To 20', Add	*4.98*	
		For Elevated Installation >20' To 25', Add	*6.23*	
		For Elevated Installation >25' To 30', Add	*8.72*	
		For Elevated Installation >30' To 35', Add	*9.96*	
		For Elevated Installation >35' To 40', Add	*12.46*	
		For Elevated Installation >40', Add	*13.70*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.47*	
26 05 33 13-0175	EA	2" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	32.88	14.95
		For Work In Restricted Working Space, Add	*8.97*	
		For Elevated Installation >10' To 15', Add	*2.99*	
		For Elevated Installation >15' To 20', Add	*5.98*	
		For Elevated Installation >20' To 25', Add	*7.47*	
		For Elevated Installation >25' To 30', Add	*10.46*	
		For Elevated Installation >30' To 35', Add	*11.96*	
		For Elevated Installation >35' To 40', Add	*14.95*	
		For Elevated Installation >40', Add	*16.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.97*	
26 05 33 13-0176	EA	2-1/2" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	41.47	17.43
		For Work In Restricted Working Space, Add	*10.46*	
		For Elevated Installation >10' To 15', Add	*3.49*	
		For Elevated Installation >15' To 20', Add	*6.97*	
		For Elevated Installation >20' To 25', Add	*8.72*	
		For Elevated Installation >25' To 30', Add	*12.20*	
		For Elevated Installation >30' To 35', Add	*13.95*	
		For Elevated Installation >35' To 40', Add	*17.44*	
		For Elevated Installation >40', Add	*19.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.46*	
26 05 33 13-0177	EA	3" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	46.82	19.93
		For Work In Restricted Working Space, Add	*11.96*	
		For Elevated Installation >10' To 15', Add	*3.99*	
		For Elevated Installation >15' To 20', Add	*7.97*	
		For Elevated Installation >20' To 25', Add	*9.97*	
		For Elevated Installation >25' To 30', Add	*13.95*	
		For Elevated Installation >30' To 35', Add	*15.94*	
		For Elevated Installation >35' To 40', Add	*19.93*	
		For Elevated Installation >40', Add	*21.92*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0178	EA	3-1/2" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	54.50	18.75
		For Work In Restricted Working Space, Add	*13.45*	
		For Elevated Installation >10' To 15', Add	*4.48*	
		For Elevated Installation >15' To 20', Add	*8.97*	
		For Elevated Installation >20' To 25', Add	*11.21*	
		For Elevated Installation >25' To 30', Add	*15.69*	
		For Elevated Installation >30' To 35', Add	*17.94*	
		For Elevated Installation >35' To 40', Add	*22.42*	
		For Elevated Installation >40', Add	*24.66*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.45*	
26 05 33 13-0179	EA	4" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	60.47	24.91
		For Work In Restricted Working Space, Add	*14.95*	
		For Elevated Installation >10' To 15', Add	*4.98*	
		For Elevated Installation >15' To 20', Add	*9.96*	
		For Elevated Installation >20' To 25', Add	*12.46*	
		For Elevated Installation >25' To 30', Add	*17.44*	
		For Elevated Installation >30' To 35', Add	*19.93*	
		For Elevated Installation >35' To 40', Add	*24.91*	
		For Elevated Installation >40', Add	*27.40*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.95*	

26 05 33 13-0180 Rigid Galvanized Steel (RGS) Steel Bushing *(26 05 33 13-0060)*

26 05 33 13-0181	EA	1/2" Rigid Galvanized Steel (RGS) Steel Bushing	18.59	8.79
		For Work In Restricted Working Space, Add	*5.27*	
		For Elevated Installation >10' To 15', Add	*1.76*	
		For Elevated Installation >15' To 20', Add	*3.52*	
		For Elevated Installation >20' To 25', Add	*4.40*	
		For Elevated Installation >25' To 30', Add	*6.15*	
		For Elevated Installation >30' To 35', Add	*7.03*	
		For Elevated Installation >35' To 40', Add	*8.79*	
		For Elevated Installation >40', Add	*9.67*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.27*	
26 05 33 13-0182	EA	3/4" Rigid Galvanized Steel (RGS) Steel Bushing	20.22	9.37
		For Work In Restricted Working Space, Add	*5.63*	
		For Elevated Installation >10' To 15', Add	*1.88*	
		For Elevated Installation >15' To 20', Add	*3.75*	
		For Elevated Installation >20' To 25', Add	*4.69*	
		For Elevated Installation >25' To 30', Add	*6.56*	
		For Elevated Installation >30' To 35', Add	*7.50*	
		For Elevated Installation >35' To 40', Add	*9.38*	
		For Elevated Installation >40', Add	*10.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.63*	
26 05 33 13-0183	EA	1" Rigid Galvanized Steel (RGS) Steel Bushing	23.66	10.55
		For Work In Restricted Working Space, Add	*6.33*	
		For Elevated Installation >10' To 15', Add	*2.11*	
		For Elevated Installation >15' To 20', Add	*4.22*	
		For Elevated Installation >20' To 25', Add	*5.28*	
		For Elevated Installation >25' To 30', Add	*7.39*	
		For Elevated Installation >30' To 35', Add	*8.44*	
		For Elevated Installation >35' To 40', Add	*10.55*	
		For Elevated Installation >40', Add	*11.61*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.33*	
26 05 33 13-0184	EA	1-1/4" Rigid Galvanized Steel (RGS) Steel Bushing	26.61	11.72
		For Work In Restricted Working Space, Add	*7.04*	
		For Elevated Installation >10' To 15', Add	*2.35*	
		For Elevated Installation >15' To 20', Add	*4.69*	
		For Elevated Installation >20' To 25', Add	*5.86*	
		For Elevated Installation >25' To 30', Add	*8.21*	
		For Elevated Installation >30' To 35', Add	*9.38*	
		For Elevated Installation >35' To 40', Add	*11.73*	
		For Elevated Installation >40', Add	*12.90*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.04*	
26 05 33 13-0185	EA	1-1/2" Rigid Galvanized Steel (RGS) Steel Bushing	33.98	14.66
		For Work In Restricted Working Space, Add	*8.79*	
		For Elevated Installation >10' To 15', Add	*2.93*	
		For Elevated Installation >15' To 20', Add	*5.86*	
		For Elevated Installation >20' To 25', Add	*7.33*	
		For Elevated Installation >25' To 30', Add	*10.26*	
		For Elevated Installation >30' To 35', Add	*11.72*	
		For Elevated Installation >35' To 40', Add	*14.65*	
		For Elevated Installation >40', Add	*16.12*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.79*	
26 05 33 13-0186	EA	2" Rigid Galvanized Steel (RGS) Steel Bushing	40.19	17.58
		For Work In Restricted Working Space, Add	*10.55*	
		For Elevated Installation >10' To 15', Add	*3.52*	
		For Elevated Installation >15' To 20', Add	*7.03*	
		For Elevated Installation >20' To 25', Add	*8.79*	
		For Elevated Installation >25' To 30', Add	*12.31*	
		For Elevated Installation >30' To 35', Add	*14.06*	
		For Elevated Installation >35' To 40', Add	*17.58*	
		For Elevated Installation >40', Add	*19.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0187	EA	2-1/2" Rigid Galvanized Steel (RGS) Steel Bushing	56.83	20.51
		For Work In Restricted Working Space, Add	*12.31*	
		For Elevated Installation >10' To 15', Add	*4.10*	
		For Elevated Installation >15' To 20', Add	*8.21*	
		For Elevated Installation >20' To 25', Add	*10.26*	
		For Elevated Installation >25' To 30', Add	*14.36*	
		For Elevated Installation >30' To 35', Add	*16.41*	
		For Elevated Installation >35' To 40', Add	*20.52*	
		For Elevated Installation >40', Add	*22.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.31*	
26 05 33 13-0188	EA	3" Rigid Galvanized Steel (RGS) Steel Bushing	67.61	23.45
		For Work In Restricted Working Space, Add	*14.06*	
		For Elevated Installation >10' To 15', Add	*4.69*	
		For Elevated Installation >15' To 20', Add	*9.38*	
		For Elevated Installation >20' To 25', Add	*11.72*	
		For Elevated Installation >25' To 30', Add	*16.41*	
		For Elevated Installation >30' To 35', Add	*18.75*	
		For Elevated Installation >35' To 40', Add	*23.44*	
		For Elevated Installation >40', Add	*25.78*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.06*	
26 05 33 13-0189	EA	3-1/2" Rigid Galvanized Steel (RGS) Steel Bushing	101.16	26.37
		For Work In Restricted Working Space, Add	*15.83*	
		For Elevated Installation >10' To 15', Add	*5.28*	
		For Elevated Installation >15' To 20', Add	*10.55*	
		For Elevated Installation >20' To 25', Add	*13.19*	
		For Elevated Installation >25' To 30', Add	*18.46*	
		For Elevated Installation >30' To 35', Add	*21.10*	
		For Elevated Installation >35' To 40', Add	*26.38*	
		For Elevated Installation >40', Add	*29.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.83*	
26 05 33 13-0190	EA	4" Rigid Galvanized Steel (RGS) Steel Bushing	137.12	29.30
		For Work In Restricted Working Space, Add	*17.58*	
		For Elevated Installation >10' To 15', Add	*5.86*	
		For Elevated Installation >15' To 20', Add	*11.72*	
		For Elevated Installation >20' To 25', Add	*14.65*	
		For Elevated Installation >25' To 30', Add	*20.51*	
		For Elevated Installation >30' To 35', Add	*23.44*	
		For Elevated Installation >35' To 40', Add	*29.31*	
		For Elevated Installation >40', Add	*32.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.58*	
26 05 33 13-0191	EA	5" Rigid Galvanized Steel (RGS) Steel Bushing	183.55	32.24
		For Work In Restricted Working Space, Add	*19.34*	
		For Elevated Installation >10' To 15', Add	*6.45*	
		For Elevated Installation >15' To 20', Add	*12.89*	
		For Elevated Installation >20' To 25', Add	*16.12*	
		For Elevated Installation >25' To 30', Add	*22.56*	
		For Elevated Installation >30' To 35', Add	*25.78*	
		For Elevated Installation >35' To 40', Add	*32.23*	
		For Elevated Installation >40', Add	*35.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.34*	
26 05 33 13-0192	EA	6" Rigid Galvanized Steel (RGS) Steel Bushing	271.33	35.16
		For Work In Restricted Working Space, Add	*21.10*	
		For Elevated Installation >10' To 15', Add	*7.03*	
		For Elevated Installation >15' To 20', Add	*14.07*	
		For Elevated Installation >20' To 25', Add	*17.58*	
		For Elevated Installation >25' To 30', Add	*24.62*	
		For Elevated Installation >30' To 35', Add	*28.13*	
		For Elevated Installation >35' To 40', Add	*35.17*	
		For Elevated Installation >40', Add	*38.68*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.10*	

26 05 33 13-0193 Rigid Galvanized Steel (RGS) Steel Insulated Bushing *(26 05 33 13-0060)*

26 05 33 13-0194	EA	1/2" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	19.78	8.79
		For Work In Restricted Working Space, Add	*5.27*	
		For Elevated Installation >10' To 15', Add	*1.76*	
		For Elevated Installation >15' To 20', Add	*3.52*	
		For Elevated Installation >20' To 25', Add	*4.40*	
		For Elevated Installation >25' To 30', Add	*6.15*	
		For Elevated Installation >30' To 35', Add	*7.03*	
		For Elevated Installation >35' To 40', Add	*8.79*	
		For Elevated Installation >40', Add	*9.67*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.27*	
26 05 33 13-0195	EA	3/4" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	22.02	9.37
		For Work In Restricted Working Space, Add	*5.63*	
		For Elevated Installation >10' To 15', Add	*1.88*	
		For Elevated Installation >15' To 20', Add	*3.75*	
		For Elevated Installation >20' To 25', Add	*4.69*	
		For Elevated Installation >25' To 30', Add	*6.56*	
		For Elevated Installation >30' To 35', Add	*7.50*	
		For Elevated Installation >35' To 40', Add	*9.38*	
		For Elevated Installation >40', Add	*10.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0196	EA	1" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	25.92	10.55
		For Work In Restricted Working Space, Add	*6.33*	
		For Elevated Installation >10' To 15', Add	*2.11*	
		For Elevated Installation >15' To 20', Add	*4.22*	
		For Elevated Installation >20' To 25', Add	*5.28*	
		For Elevated Installation >25' To 30', Add	*7.39*	
		For Elevated Installation >30' To 35', Add	*8.44*	
		For Elevated Installation >35' To 40', Add	*10.55*	
		For Elevated Installation >40', Add	*11.61*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.33*	
26 05 33 13-0197	EA	1-1/4" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	30.43	11.72
		For Work In Restricted Working Space, Add	*7.04*	
		For Elevated Installation >10' To 15', Add	*2.35*	
		For Elevated Installation >15' To 20', Add	*4.69*	
		For Elevated Installation >20' To 25', Add	*5.86*	
		For Elevated Installation >25' To 30', Add	*8.21*	
		For Elevated Installation >30' To 35', Add	*9.38*	
		For Elevated Installation >35' To 40', Add	*11.73*	
		For Elevated Installation >40', Add	*12.90*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.04*	
26 05 33 13-0198	EA	1-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	37.95	14.66
		For Work In Restricted Working Space, Add	*8.79*	
		For Elevated Installation >10' To 15', Add	*2.93*	
		For Elevated Installation >15' To 20', Add	*5.86*	
		For Elevated Installation >20' To 25', Add	*7.33*	
		For Elevated Installation >25' To 30', Add	*10.26*	
		For Elevated Installation >30' To 35', Add	*11.72*	
		For Elevated Installation >35' To 40', Add	*14.65*	
		For Elevated Installation >40', Add	*16.12*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.79*	
26 05 33 13-0199	EA	2" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	47.24	17.58
		For Work In Restricted Working Space, Add	*10.55*	
		For Elevated Installation >10' To 15', Add	*3.52*	
		For Elevated Installation >15' To 20', Add	*7.03*	
		For Elevated Installation >20' To 25', Add	*8.79*	
		For Elevated Installation >25' To 30', Add	*12.31*	
		For Elevated Installation >30' To 35', Add	*14.06*	
		For Elevated Installation >35' To 40', Add	*17.58*	
		For Elevated Installation >40', Add	*19.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.55*	
26 05 33 13-0200	EA	2-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	66.39	20.51
		For Work In Restricted Working Space, Add	*12.31*	
		For Elevated Installation >10' To 15', Add	*4.10*	
		For Elevated Installation >15' To 20', Add	*8.21*	
		For Elevated Installation >20' To 25', Add	*10.26*	
		For Elevated Installation >25' To 30', Add	*14.36*	
		For Elevated Installation >30' To 35', Add	*16.41*	
		For Elevated Installation >35' To 40', Add	*20.52*	
		For Elevated Installation >40', Add	*22.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.31*	
26 05 33 13-0201	EA	3" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	78.82	23.45
		For Work In Restricted Working Space, Add	*14.06*	
		For Elevated Installation >10' To 15', Add	*4.69*	
		For Elevated Installation >15' To 20', Add	*9.38*	
		For Elevated Installation >20' To 25', Add	*11.72*	
		For Elevated Installation >25' To 30', Add	*16.41*	
		For Elevated Installation >30' To 35', Add	*18.75*	
		For Elevated Installation >35' To 40', Add	*23.44*	
		For Elevated Installation >40', Add	*25.78*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.06*	
26 05 33 13-0202	EA	3-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	103.25	26.37
		For Work In Restricted Working Space, Add	*15.83*	
		For Elevated Installation >10' To 15', Add	*5.28*	
		For Elevated Installation >15' To 20', Add	*10.55*	
		For Elevated Installation >20' To 25', Add	*13.19*	
		For Elevated Installation >25' To 30', Add	*18.46*	
		For Elevated Installation >30' To 35', Add	*21.10*	
		For Elevated Installation >35' To 40', Add	*26.38*	
		For Elevated Installation >40', Add	*29.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.83*	
26 05 33 13-0203	EA	4" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	146.47	29.30
		For Work In Restricted Working Space, Add	*17.58*	
		For Elevated Installation >10' To 15', Add	*5.86*	
		For Elevated Installation >15' To 20', Add	*11.72*	
		For Elevated Installation >20' To 25', Add	*14.65*	
		For Elevated Installation >25' To 30', Add	*20.51*	
		For Elevated Installation >30' To 35', Add	*23.44*	
		For Elevated Installation >35' To 40', Add	*29.31*	
		For Elevated Installation >40', Add	*32.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0204	EA	5" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	193.73	32.24
		For Work In Restricted Working Space, Add	*19.34*	
		For Elevated Installation >10' To 15', Add	*6.45*	
		For Elevated Installation >15' To 20', Add	*12.89*	
		For Elevated Installation >20' To 25', Add	*16.12*	
		For Elevated Installation >25' To 30', Add	*22.56*	
		For Elevated Installation >30' To 35', Add	*25.78*	
		For Elevated Installation >35' To 40', Add	*32.23*	
		For Elevated Installation >40', Add	*35.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.34*	
26 05 33 13-0205	EA	6" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	274.91	35.16
		For Work In Restricted Working Space, Add	*21.10*	
		For Elevated Installation >10' To 15', Add	*7.03*	
		For Elevated Installation >15' To 20', Add	*14.07*	
		For Elevated Installation >20' To 25', Add	*17.58*	
		For Elevated Installation >25' To 30', Add	*24.62*	
		For Elevated Installation >30' To 35', Add	*28.13*	
		For Elevated Installation >35' To 40', Add	*35.17*	
		For Elevated Installation >40', Add	*38.68*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.10*	
26 05 33 13-0206		Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing *(26 05 33 13-0060)*		
26 05 33 13-0207	EA	1/2" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	29.97	10.55
		For Work In Restricted Working Space, Add	*6.33*	
		For Elevated Installation >10' To 15', Add	*2.11*	
		For Elevated Installation >15' To 20', Add	*4.22*	
		For Elevated Installation >20' To 25', Add	*5.28*	
		For Elevated Installation >25' To 30', Add	*7.39*	
		For Elevated Installation >30' To 35', Add	*8.44*	
		For Elevated Installation >35' To 40', Add	*10.55*	
		For Elevated Installation >40', Add	*11.61*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.33*	
26 05 33 13-0208	EA	3/4" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	33.58	11.72
		For Work In Restricted Working Space, Add	*7.04*	
		For Elevated Installation >10' To 15', Add	*2.35*	
		For Elevated Installation >15' To 20', Add	*4.69*	
		For Elevated Installation >20' To 25', Add	*5.86*	
		For Elevated Installation >25' To 30', Add	*8.21*	
		For Elevated Installation >30' To 35', Add	*9.38*	
		For Elevated Installation >35' To 40', Add	*11.73*	
		For Elevated Installation >40', Add	*12.90*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.04*	
26 05 33 13-0209	EA	1" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	38.42	12.89
		For Work In Restricted Working Space, Add	*7.74*	
		For Elevated Installation >10' To 15', Add	*2.58*	
		For Elevated Installation >15' To 20', Add	*5.16*	
		For Elevated Installation >20' To 25', Add	*6.45*	
		For Elevated Installation >25' To 30', Add	*9.03*	
		For Elevated Installation >30' To 35', Add	*10.32*	
		For Elevated Installation >35' To 40', Add	*12.90*	
		For Elevated Installation >40', Add	*14.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.74*	
26 05 33 13-0210	EA	1-1/4" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	45.64	14.66
		For Work In Restricted Working Space, Add	*8.79*	
		For Elevated Installation >10' To 15', Add	*2.93*	
		For Elevated Installation >15' To 20', Add	*5.86*	
		For Elevated Installation >20' To 25', Add	*7.33*	
		For Elevated Installation >25' To 30', Add	*10.26*	
		For Elevated Installation >30' To 35', Add	*11.72*	
		For Elevated Installation >35' To 40', Add	*14.65*	
		For Elevated Installation >40', Add	*16.12*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.79*	
26 05 33 13-0211	EA	1-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	55.20	18.16
		For Work In Restricted Working Space, Add	*10.90*	
		For Elevated Installation >10' To 15', Add	*3.63*	
		For Elevated Installation >15' To 20', Add	*7.27*	
		For Elevated Installation >20' To 25', Add	*9.09*	
		For Elevated Installation >25' To 30', Add	*12.72*	
		For Elevated Installation >30' To 35', Add	*14.54*	
		For Elevated Installation >35' To 40', Add	*18.17*	
		For Elevated Installation >40', Add	*19.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.90*	
26 05 33 13-0212	EA	2" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	69.57	21.68
		For Work In Restricted Working Space, Add	*13.01*	
		For Elevated Installation >10' To 15', Add	*4.34*	
		For Elevated Installation >15' To 20', Add	*8.67*	
		For Elevated Installation >20' To 25', Add	*10.84*	
		For Elevated Installation >25' To 30', Add	*15.18*	
		For Elevated Installation >30' To 35', Add	*17.35*	
		For Elevated Installation >35' To 40', Add	*21.69*	
		For Elevated Installation >40', Add	*23.85*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.01*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0213		EA	2-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	93.20	25.20
			For Work In Restricted Working Space, Add	*15.12*	
			For Elevated Installation >10' To 15', Add	*5.04*	
			For Elevated Installation >15' To 20', Add	*10.08*	
			For Elevated Installation >20' To 25', Add	*12.60*	
			For Elevated Installation >25' To 30', Add	*17.64*	
			For Elevated Installation >30' To 35', Add	*20.16*	
			For Elevated Installation >35' To 40', Add	*25.20*	
			For Elevated Installation >40', Add	*27.72*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.12*	
26 05 33 13-0214		EA	3" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	102.77	29.30
			For Work In Restricted Working Space, Add	*17.58*	
			For Elevated Installation >10' To 15', Add	*5.86*	
			For Elevated Installation >15' To 20', Add	*11.72*	
			For Elevated Installation >20' To 25', Add	*14.65*	
			For Elevated Installation >25' To 30', Add	*20.51*	
			For Elevated Installation >30' To 35', Add	*23.44*	
			For Elevated Installation >35' To 40', Add	*29.31*	
			For Elevated Installation >40', Add	*32.24*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.58*	
26 05 33 13-0215		EA	3-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	116.21	32.82
			For Work In Restricted Working Space, Add	*19.69*	
			For Elevated Installation >10' To 15', Add	*6.56*	
			For Elevated Installation >15' To 20', Add	*13.13*	
			For Elevated Installation >20' To 25', Add	*16.41*	
			For Elevated Installation >25' To 30', Add	*22.97*	
			For Elevated Installation >30' To 35', Add	*26.26*	
			For Elevated Installation >35' To 40', Add	*32.82*	
			For Elevated Installation >40', Add	*36.10*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.69*	
26 05 33 13-0216		EA	4" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	150.08	36.34
			For Work In Restricted Working Space, Add	*21.80*	
			For Elevated Installation >10' To 15', Add	*7.27*	
			For Elevated Installation >15' To 20', Add	*14.53*	
			For Elevated Installation >20' To 25', Add	*18.17*	
			For Elevated Installation >25' To 30', Add	*25.43*	
			For Elevated Installation >30' To 35', Add	*29.07*	
			For Elevated Installation >35' To 40', Add	*36.34*	
			For Elevated Installation >40', Add	*39.97*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.80*	

26 05 33 13-0217 Rigid Galvanized Steel (RGS) Box Connectors With Set Screw *(26 05 33 13-0060)*

26 05 33 13-0218		EA	1/2" Rigid Galvanized Steel (RGS) Box Connector With Set Screw	17.49	5.39
			For Work In Restricted Working Space, Add	*4.01*	
			For Elevated Installation >10' To 15', Add	*1.34*	
			For Elevated Installation >15' To 20', Add	*2.68*	
			For Elevated Installation >20' To 25', Add	*3.35*	
			For Elevated Installation >25' To 30', Add	*4.68*	
			For Elevated Installation >30' To 35', Add	*5.35*	
			For Elevated Installation >35' To 40', Add	*6.69*	
			For Elevated Installation >40', Add	*7.36*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.01*	
26 05 33 13-0219		EA	3/4" Rigid Galvanized Steel (RGS) Box Connector With Set Screw	21.19	6.21
			For Work In Restricted Working Space, Add	*4.65*	
			For Elevated Installation >10' To 15', Add	*1.55*	
			For Elevated Installation >15' To 20', Add	*3.10*	
			For Elevated Installation >20' To 25', Add	*3.87*	
			For Elevated Installation >25' To 30', Add	*5.42*	
			For Elevated Installation >30' To 35', Add	*6.20*	
			For Elevated Installation >35' To 40', Add	*7.75*	
			For Elevated Installation >40', Add	*8.52*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.65*	
26 05 33 13-0220		EA	1" Rigid Galvanized Steel (RGS) Box Connector With Set Screw	27.76	7.50
			For Work In Restricted Working Space, Add	*5.60*	
			For Elevated Installation >10' To 15', Add	*1.87*	
			For Elevated Installation >15' To 20', Add	*3.73*	
			For Elevated Installation >20' To 25', Add	*4.67*	
			For Elevated Installation >25' To 30', Add	*6.53*	
			For Elevated Installation >30' To 35', Add	*7.47*	
			For Elevated Installation >35' To 40', Add	*9.34*	
			For Elevated Installation >40', Add	*10.27*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.60*	
26 05 33 13-0221		EA	1-1/4" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	41.06	9.26
			For Work In Restricted Working Space, Add	*6.97*	
			For Elevated Installation >10' To 15', Add	*2.32*	
			For Elevated Installation >15' To 20', Add	*4.65*	
			For Elevated Installation >20' To 25', Add	*5.81*	
			For Elevated Installation >25' To 30', Add	*8.13*	
			For Elevated Installation >30' To 35', Add	*9.29*	
			For Elevated Installation >35' To 40', Add	*11.62*	
			For Elevated Installation >40', Add	*12.78*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0222	EA	1-1/2" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	55.57	12.43
		For Work In Restricted Working Space, Add	*9.33*	
		For Elevated Installation >10' To 15', Add	*3.11*	
		For Elevated Installation >15' To 20', Add	*6.22*	
		For Elevated Installation >20' To 25', Add	*7.77*	
		For Elevated Installation >25' To 30', Add	*10.88*	
		For Elevated Installation >30' To 35', Add	*12.44*	
		For Elevated Installation >35' To 40', Add	*15.55*	
		For Elevated Installation >40', Add	*17.10*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.33*	
26 05 33 13-0223	EA	2" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	94.58	18.63
		For Work In Restricted Working Space, Add	*13.97*	
		For Elevated Installation >10' To 15', Add	*4.66*	
		For Elevated Installation >15' To 20', Add	*9.31*	
		For Elevated Installation >20' To 25', Add	*11.64*	
		For Elevated Installation >25' To 30', Add	*16.30*	
		For Elevated Installation >30' To 35', Add	*18.63*	
		For Elevated Installation >35' To 40', Add	*23.29*	
		For Elevated Installation >40', Add	*25.61*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.97*	
26 05 33 13-0224	EA	2-1/2" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	170.37	20.63
		For Work In Restricted Working Space, Add	*15.47*	
		For Elevated Installation >10' To 15', Add	*5.16*	
		For Elevated Installation >15' To 20', Add	*10.31*	
		For Elevated Installation >20' To 25', Add	*12.89*	
		For Elevated Installation >25' To 30', Add	*18.05*	
		For Elevated Installation >30' To 35', Add	*20.63*	
		For Elevated Installation >35' To 40', Add	*25.79*	
		For Elevated Installation >40', Add	*28.36*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.47*	
26 05 33 13-0225	EA	3" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	203.09	24.97
		For Work In Restricted Working Space, Add	*18.74*	
		For Elevated Installation >10' To 15', Add	*6.25*	
		For Elevated Installation >15' To 20', Add	*12.49*	
		For Elevated Installation >20' To 25', Add	*15.62*	
		For Elevated Installation >25' To 30', Add	*21.86*	
		For Elevated Installation >30' To 35', Add	*24.99*	
		For Elevated Installation >35' To 40', Add	*31.24*	
		For Elevated Installation >40', Add	*34.36*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.74*	
26 05 33 13-0226	EA	3-1/2" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	274.59	31.30
		For Work In Restricted Working Space, Add	*23.46*	
		For Elevated Installation >10' To 15', Add	*7.82*	
		For Elevated Installation >15' To 20', Add	*15.64*	
		For Elevated Installation >20' To 25', Add	*19.55*	
		For Elevated Installation >25' To 30', Add	*27.37*	
		For Elevated Installation >30' To 35', Add	*31.28*	
		For Elevated Installation >35' To 40', Add	*39.10*	
		For Elevated Installation >40', Add	*43.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.46*	
26 05 33 13-0227	EA	4" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	321.68	37.51
		For Work In Restricted Working Space, Add	*28.13*	
		For Elevated Installation >10' To 15', Add	*9.38*	
		For Elevated Installation >15' To 20', Add	*18.75*	
		For Elevated Installation >20' To 25', Add	*23.44*	
		For Elevated Installation >25' To 30', Add	*32.82*	
		For Elevated Installation >30' To 35', Add	*37.51*	
		For Elevated Installation >35' To 40', Add	*46.89*	
		For Elevated Installation >40', Add	*51.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.13*	
26 05 33 13-0228	EA	5" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	564.86	41.73
		For Work In Restricted Working Space, Add	*31.26*	
		For Elevated Installation >10' To 15', Add	*10.42*	
		For Elevated Installation >15' To 20', Add	*20.84*	
		For Elevated Installation >20' To 25', Add	*26.05*	
		For Elevated Installation >25' To 30', Add	*36.47*	
		For Elevated Installation >30' To 35', Add	*41.68*	
		For Elevated Installation >35' To 40', Add	*52.10*	
		For Elevated Installation >40', Add	*57.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.26*	
26 05 33 13-0229	EA	6" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	674.83	46.88
		For Work In Restricted Working Space, Add	*35.16*	
		For Elevated Installation >10' To 15', Add	*11.72*	
		For Elevated Installation >15' To 20', Add	*23.44*	
		For Elevated Installation >20' To 25', Add	*29.30*	
		For Elevated Installation >25' To 30', Add	*41.02*	
		For Elevated Installation >30' To 35', Add	*46.88*	
		For Elevated Installation >35' To 40', Add	*58.60*	
		For Elevated Installation >40', Add	*64.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*35.16*	

26 05 33 13-0230 Rigid Galvanized Steel (RGS) Nipples *(26 05 33 13-0060)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0231	EA	1/2" x 2" Long, Rigid Galvanized Steel (RGS) Nipple	17.06	7.62
		For Work In Restricted Working Space, Add	*4.57*	
		For Elevated Installation >10' To 15', Add	*1.52*	
		For Elevated Installation >15' To 20', Add	*3.05*	
		For Elevated Installation >20' To 25', Add	*3.81*	
		For Elevated Installation >25' To 30', Add	*5.33*	
		For Elevated Installation >30' To 35', Add	*6.10*	
		For Elevated Installation >35' To 40', Add	*7.62*	
		For Elevated Installation >40', Add	*8.38*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.57*	
26 05 33 13-0232	EA	3/4" x 2" Long, Rigid Galvanized Steel (RGS) Nipple	19.63	8.79
		For Work In Restricted Working Space, Add	*5.27*	
		For Elevated Installation >10' To 15', Add	*1.76*	
		For Elevated Installation >15' To 20', Add	*3.52*	
		For Elevated Installation >20' To 25', Add	*4.40*	
		For Elevated Installation >25' To 30', Add	*6.15*	
		For Elevated Installation >30' To 35', Add	*7.03*	
		For Elevated Installation >35' To 40', Add	*8.79*	
		For Elevated Installation >40', Add	*9.67*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.27*	
26 05 33 13-0233	EA	1" x 2" Long, Rigid Galvanized Steel (RGS) Nipple	25.14	11.14
		For Work In Restricted Working Space, Add	*6.68*	
		For Elevated Installation >10' To 15', Add	*2.23*	
		For Elevated Installation >15' To 20', Add	*4.45*	
		For Elevated Installation >20' To 25', Add	*5.57*	
		For Elevated Installation >25' To 30', Add	*7.79*	
		For Elevated Installation >30' To 35', Add	*8.91*	
		For Elevated Installation >35' To 40', Add	*11.14*	
		For Elevated Installation >40', Add	*12.25*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.68*	
26 05 33 13-0234	EA	1-1/4" x 2" Long, Rigid Galvanized Steel (RGS) Nipple	29.43	12.89
		For Work In Restricted Working Space, Add	*7.73*	
		For Elevated Installation >10' To 15', Add	*2.58*	
		For Elevated Installation >15' To 20', Add	*5.16*	
		For Elevated Installation >20' To 25', Add	*6.45*	
		For Elevated Installation >25' To 30', Add	*9.02*	
		For Elevated Installation >30' To 35', Add	*10.31*	
		For Elevated Installation >35' To 40', Add	*12.89*	
		For Elevated Installation >40', Add	*14.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
26 05 33 13-0235	EA	1-1/2" x 2" Long, Rigid Galvanized Steel (RGS) Nipple	33.62	14.66
		For Work In Restricted Working Space, Add	*8.79*	
		For Elevated Installation >10' To 15', Add	*2.93*	
		For Elevated Installation >15' To 20', Add	*5.86*	
		For Elevated Installation >20' To 25', Add	*7.33*	
		For Elevated Installation >25' To 30', Add	*10.26*	
		For Elevated Installation >30' To 35', Add	*11.72*	
		For Elevated Installation >35' To 40', Add	*14.65*	
		For Elevated Installation >40', Add	*16.12*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.79*	
26 05 33 13-0236	EA	1/2" x 2-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	17.21	7.62
		For Work In Restricted Working Space, Add	*4.57*	
		For Elevated Installation >10' To 15', Add	*1.52*	
		For Elevated Installation >15' To 20', Add	*3.05*	
		For Elevated Installation >20' To 25', Add	*3.81*	
		For Elevated Installation >25' To 30', Add	*5.33*	
		For Elevated Installation >30' To 35', Add	*6.10*	
		For Elevated Installation >35' To 40', Add	*7.62*	
		For Elevated Installation >40', Add	*8.38*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.57*	
26 05 33 13-0237	EA	3/4" x 2-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	19.86	8.79
		For Work In Restricted Working Space, Add	*5.27*	
		For Elevated Installation >10' To 15', Add	*1.76*	
		For Elevated Installation >15' To 20', Add	*3.52*	
		For Elevated Installation >20' To 25', Add	*4.40*	
		For Elevated Installation >25' To 30', Add	*6.15*	
		For Elevated Installation >30' To 35', Add	*7.03*	
		For Elevated Installation >35' To 40', Add	*8.79*	
		For Elevated Installation >40', Add	*9.67*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.27*	
26 05 33 13-0238	EA	1" x 2-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	25.39	11.14
		For Work In Restricted Working Space, Add	*6.68*	
		For Elevated Installation >10' To 15', Add	*2.23*	
		For Elevated Installation >15' To 20', Add	*4.45*	
		For Elevated Installation >20' To 25', Add	*5.57*	
		For Elevated Installation >25' To 30', Add	*7.79*	
		For Elevated Installation >30' To 35', Add	*8.91*	
		For Elevated Installation >35' To 40', Add	*11.14*	
		For Elevated Installation >40', Add	*12.25*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0239	EA	1-1/4" x 2-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	29.77	12.89
		For Work In Restricted Working Space, Add	*7.73*	
		For Elevated Installation >10' To 15', Add	*2.58*	
		For Elevated Installation >15' To 20', Add	*5.16*	
		For Elevated Installation >20' To 25', Add	*6.45*	
		For Elevated Installation >25' To 30', Add	*9.02*	
		For Elevated Installation >30' To 35', Add	*10.31*	
		For Elevated Installation >35' To 40', Add	*12.89*	
		For Elevated Installation >40', Add	*14.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
26 05 33 13-0240	EA	1-1/2" x 2-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	34.17	14.66
		For Work In Restricted Working Space, Add	*8.79*	
		For Elevated Installation >10' To 15', Add	*2.93*	
		For Elevated Installation >15' To 20', Add	*5.86*	
		For Elevated Installation >20' To 25', Add	*7.33*	
		For Elevated Installation >25' To 30', Add	*10.26*	
		For Elevated Installation >30' To 35', Add	*11.72*	
		For Elevated Installation >35' To 40', Add	*14.65*	
		For Elevated Installation >40', Add	*16.12*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.79*	
26 05 33 13-0241	EA	2" x 2-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	38.71	16.41
		For Work In Restricted Working Space, Add	*9.85*	
		For Elevated Installation >10' To 15', Add	*3.28*	
		For Elevated Installation >15' To 20', Add	*6.56*	
		For Elevated Installation >20' To 25', Add	*8.21*	
		For Elevated Installation >25' To 30', Add	*11.49*	
		For Elevated Installation >30' To 35', Add	*13.13*	
		For Elevated Installation >35' To 40', Add	*16.41*	
		For Elevated Installation >40', Add	*18.05*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.85*	
26 05 33 13-0242	EA	1/2" x 3" Long, Rigid Galvanized Steel (RGS) Nipple	17.37	7.62
		For Work In Restricted Working Space, Add	*4.57*	
		For Elevated Installation >10' To 15', Add	*1.52*	
		For Elevated Installation >15' To 20', Add	*3.05*	
		For Elevated Installation >20' To 25', Add	*3.81*	
		For Elevated Installation >25' To 30', Add	*5.33*	
		For Elevated Installation >30' To 35', Add	*6.10*	
		For Elevated Installation >35' To 40', Add	*7.62*	
		For Elevated Installation >40', Add	*8.38*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.57*	
26 05 33 13-0243	EA	3/4" x 3" Long, Rigid Galvanized Steel (RGS) Nipple	20.07	8.79
		For Work In Restricted Working Space, Add	*5.27*	
		For Elevated Installation >10' To 15', Add	*1.76*	
		For Elevated Installation >15' To 20', Add	*3.52*	
		For Elevated Installation >20' To 25', Add	*4.40*	
		For Elevated Installation >25' To 30', Add	*6.15*	
		For Elevated Installation >30' To 35', Add	*7.03*	
		For Elevated Installation >35' To 40', Add	*8.79*	
		For Elevated Installation >40', Add	*9.67*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.27*	
26 05 33 13-0244	EA	1" x 3" Long, Rigid Galvanized Steel (RGS) Nipple	25.74	11.14
		For Work In Restricted Working Space, Add	*6.68*	
		For Elevated Installation >10' To 15', Add	*2.23*	
		For Elevated Installation >15' To 20', Add	*4.45*	
		For Elevated Installation >20' To 25', Add	*5.57*	
		For Elevated Installation >25' To 30', Add	*7.79*	
		For Elevated Installation >30' To 35', Add	*8.91*	
		For Elevated Installation >35' To 40', Add	*11.14*	
		For Elevated Installation >40', Add	*12.25*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.68*	
26 05 33 13-0245	EA	1-1/4" x 3" Long, Rigid Galvanized Steel (RGS) Nipple	30.08	12.89
		For Work In Restricted Working Space, Add	*7.73*	
		For Elevated Installation >10' To 15', Add	*2.58*	
		For Elevated Installation >15' To 20', Add	*5.16*	
		For Elevated Installation >20' To 25', Add	*6.45*	
		For Elevated Installation >25' To 30', Add	*9.02*	
		For Elevated Installation >30' To 35', Add	*10.31*	
		For Elevated Installation >35' To 40', Add	*12.89*	
		For Elevated Installation >40', Add	*14.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
26 05 33 13-0246	EA	1-1/2" x 3" Long, Rigid Galvanized Steel (RGS) Nipple	34.55	14.66
		For Work In Restricted Working Space, Add	*8.79*	
		For Elevated Installation >10' To 15', Add	*2.93*	
		For Elevated Installation >15' To 20', Add	*5.86*	
		For Elevated Installation >20' To 25', Add	*7.33*	
		For Elevated Installation >25' To 30', Add	*10.26*	
		For Elevated Installation >30' To 35', Add	*11.72*	
		For Elevated Installation >35' To 40', Add	*14.65*	
		For Elevated Installation >40', Add	*16.12*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0247	EA	2" x 3" Long, Rigid Galvanized Steel (RGS) Nipple	39.63	16.41
		For Work In Restricted Working Space, Add	*9.85*	
		For Elevated Installation >10' To 15', Add	*3.28*	
		For Elevated Installation >15' To 20', Add	*6.56*	
		For Elevated Installation >20' To 25', Add	*8.21*	
		For Elevated Installation >25' To 30', Add	*11.49*	
		For Elevated Installation >30' To 35', Add	*13.13*	
		For Elevated Installation >35' To 40', Add	*16.41*	
		For Elevated Installation >40', Add	*18.05*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.85*	
26 05 33 13-0248	EA	2-1/2" x 3" Long, Rigid Galvanized Steel (RGS) Nipple	53.92	19.93
		For Work In Restricted Working Space, Add	*11.96*	
		For Elevated Installation >10' To 15', Add	*3.99*	
		For Elevated Installation >15' To 20', Add	*7.97*	
		For Elevated Installation >20' To 25', Add	*9.97*	
		For Elevated Installation >25' To 30', Add	*13.95*	
		For Elevated Installation >30' To 35', Add	*15.94*	
		For Elevated Installation >35' To 40', Add	*19.93*	
		For Elevated Installation >40', Add	*21.92*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.96*	
26 05 33 13-0249	EA	3" x 3" Long, Rigid Galvanized Steel (RGS) Nipple	72.38	27.55
		For Work In Restricted Working Space, Add	*16.53*	
		For Elevated Installation >10' To 15', Add	*5.51*	
		For Elevated Installation >15' To 20', Add	*11.02*	
		For Elevated Installation >20' To 25', Add	*13.77*	
		For Elevated Installation >25' To 30', Add	*19.28*	
		For Elevated Installation >30' To 35', Add	*22.04*	
		For Elevated Installation >35' To 40', Add	*27.55*	
		For Elevated Installation >40', Add	*30.30*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.53*	
26 05 33 13-0250	EA	1/2" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	17.57	7.62
		For Work In Restricted Working Space, Add	*4.57*	
		For Elevated Installation >10' To 15', Add	*1.52*	
		For Elevated Installation >15' To 20', Add	*3.05*	
		For Elevated Installation >20' To 25', Add	*3.81*	
		For Elevated Installation >25' To 30', Add	*5.33*	
		For Elevated Installation >30' To 35', Add	*6.10*	
		For Elevated Installation >35' To 40', Add	*7.62*	
		For Elevated Installation >40', Add	*8.38*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.57*	
26 05 33 13-0251	EA	3/4" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	20.18	8.79
		For Work In Restricted Working Space, Add	*5.27*	
		For Elevated Installation >10' To 15', Add	*1.76*	
		For Elevated Installation >15' To 20', Add	*3.52*	
		For Elevated Installation >20' To 25', Add	*4.40*	
		For Elevated Installation >25' To 30', Add	*6.15*	
		For Elevated Installation >30' To 35', Add	*7.03*	
		For Elevated Installation >35' To 40', Add	*8.79*	
		For Elevated Installation >40', Add	*9.67*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.27*	
26 05 33 13-0252	EA	1" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	26.21	11.14
		For Work In Restricted Working Space, Add	*6.68*	
		For Elevated Installation >10' To 15', Add	*2.23*	
		For Elevated Installation >15' To 20', Add	*4.45*	
		For Elevated Installation >20' To 25', Add	*5.57*	
		For Elevated Installation >25' To 30', Add	*7.79*	
		For Elevated Installation >30' To 35', Add	*8.91*	
		For Elevated Installation >35' To 40', Add	*11.14*	
		For Elevated Installation >40', Add	*12.25*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.68*	
26 05 33 13-0253	EA	1-1/4" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	30.67	12.89
		For Work In Restricted Working Space, Add	*7.73*	
		For Elevated Installation >10' To 15', Add	*2.58*	
		For Elevated Installation >15' To 20', Add	*5.16*	
		For Elevated Installation >20' To 25', Add	*6.45*	
		For Elevated Installation >25' To 30', Add	*9.02*	
		For Elevated Installation >30' To 35', Add	*10.31*	
		For Elevated Installation >35' To 40', Add	*12.89*	
		For Elevated Installation >40', Add	*14.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
26 05 33 13-0254	EA	1-1/2" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	35.33	14.66
		For Work In Restricted Working Space, Add	*8.79*	
		For Elevated Installation >10' To 15', Add	*2.93*	
		For Elevated Installation >15' To 20', Add	*5.86*	
		For Elevated Installation >20' To 25', Add	*7.33*	
		For Elevated Installation >25' To 30', Add	*10.26*	
		For Elevated Installation >30' To 35', Add	*11.72*	
		For Elevated Installation >35' To 40', Add	*14.65*	
		For Elevated Installation >40', Add	*16.12*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0255	EA	2" x 3-1/2" Long, Rigid Galvanized Steel (RGS), Nipple	40.58	16.41
		For Work In Restricted Working Space, Add	*9.85*	
		For Elevated Installation >10' To 15', Add	*3.28*	
		For Elevated Installation >15' To 20', Add	*6.56*	
		For Elevated Installation >20' To 25', Add	*8.21*	
		For Elevated Installation >25' To 30', Add	*11.49*	
		For Elevated Installation >30' To 35', Add	*13.13*	
		For Elevated Installation >35' To 40', Add	*16.41*	
		For Elevated Installation >40', Add	*18.05*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.85*	
26 05 33 13-0256	EA	2-1/2" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	56.49	19.93
		For Work In Restricted Working Space, Add	*11.96*	
		For Elevated Installation >10' To 15', Add	*3.99*	
		For Elevated Installation >15' To 20', Add	*7.97*	
		For Elevated Installation >20' To 25', Add	*9.97*	
		For Elevated Installation >25' To 30', Add	*13.95*	
		For Elevated Installation >30' To 35', Add	*15.94*	
		For Elevated Installation >35' To 40', Add	*19.93*	
		For Elevated Installation >40', Add	*21.92*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.96*	
26 05 33 13-0257	EA	3" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	74.60	27.55
		For Work In Restricted Working Space, Add	*16.53*	
		For Elevated Installation >10' To 15', Add	*5.51*	
		For Elevated Installation >15' To 20', Add	*11.02*	
		For Elevated Installation >20' To 25', Add	*13.77*	
		For Elevated Installation >25' To 30', Add	*19.28*	
		For Elevated Installation >30' To 35', Add	*22.04*	
		For Elevated Installation >35' To 40', Add	*27.55*	
		For Elevated Installation >40', Add	*30.30*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.53*	
26 05 33 13-0258	EA	1/2" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	17.77	7.62
		For Work In Restricted Working Space, Add	*4.57*	
		For Elevated Installation >10' To 15', Add	*1.52*	
		For Elevated Installation >15' To 20', Add	*3.05*	
		For Elevated Installation >20' To 25', Add	*3.81*	
		For Elevated Installation >25' To 30', Add	*5.33*	
		For Elevated Installation >30' To 35', Add	*6.10*	
		For Elevated Installation >35' To 40', Add	*7.62*	
		For Elevated Installation >40', Add	*8.38*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.57*	
26 05 33 13-0259	EA	3/4" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	20.53	8.79
		For Work In Restricted Working Space, Add	*5.27*	
		For Elevated Installation >10' To 15', Add	*1.76*	
		For Elevated Installation >15' To 20', Add	*3.52*	
		For Elevated Installation >20' To 25', Add	*4.40*	
		For Elevated Installation >25' To 30', Add	*6.15*	
		For Elevated Installation >30' To 35', Add	*7.03*	
		For Elevated Installation >35' To 40', Add	*8.79*	
		For Elevated Installation >40', Add	*9.67*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.27*	
26 05 33 13-0260	EA	1" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	26.49	11.14
		For Work In Restricted Working Space, Add	*6.68*	
		For Elevated Installation >10' To 15', Add	*2.23*	
		For Elevated Installation >15' To 20', Add	*4.45*	
		For Elevated Installation >20' To 25', Add	*5.57*	
		For Elevated Installation >25' To 30', Add	*7.79*	
		For Elevated Installation >30' To 35', Add	*8.91*	
		For Elevated Installation >35' To 40', Add	*11.14*	
		For Elevated Installation >40', Add	*12.25*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.68*	
26 05 33 13-0261	EA	1-1/4" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	30.96	12.89
		For Work In Restricted Working Space, Add	*7.73*	
		For Elevated Installation >10' To 15', Add	*2.58*	
		For Elevated Installation >15' To 20', Add	*5.16*	
		For Elevated Installation >20' To 25', Add	*6.45*	
		For Elevated Installation >25' To 30', Add	*9.02*	
		For Elevated Installation >30' To 35', Add	*10.31*	
		For Elevated Installation >35' To 40', Add	*12.89*	
		For Elevated Installation >40', Add	*14.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
26 05 33 13-0262	EA	1-1/2" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	35.86	14.66
		For Work In Restricted Working Space, Add	*8.79*	
		For Elevated Installation >10' To 15', Add	*2.93*	
		For Elevated Installation >15' To 20', Add	*5.86*	
		For Elevated Installation >20' To 25', Add	*7.33*	
		For Elevated Installation >25' To 30', Add	*10.26*	
		For Elevated Installation >30' To 35', Add	*11.72*	
		For Elevated Installation >35' To 40', Add	*14.65*	
		For Elevated Installation >40', Add	*16.12*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0263	EA	2" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	41.38	16.41
		For Work In Restricted Working Space, Add	*9.85*	
		For Elevated Installation >10' To 15', Add	*3.28*	
		For Elevated Installation >15' To 20', Add	*6.56*	
		For Elevated Installation >20' To 25', Add	*8.21*	
		For Elevated Installation >25' To 30', Add	*11.49*	
		For Elevated Installation >30' To 35', Add	*13.13*	
		For Elevated Installation >35' To 40', Add	*16.41*	
		For Elevated Installation >40', Add	*18.05*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.85*	
26 05 33 13-0264	EA	2-1/2" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	57.27	19.93
		For Work In Restricted Working Space, Add	*11.96*	
		For Elevated Installation >10' To 15', Add	*3.99*	
		For Elevated Installation >15' To 20', Add	*7.97*	
		For Elevated Installation >20' To 25', Add	*9.97*	
		For Elevated Installation >25' To 30', Add	*13.95*	
		For Elevated Installation >30' To 35', Add	*15.94*	
		For Elevated Installation >35' To 40', Add	*19.93*	
		For Elevated Installation >40', Add	*21.92*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.96*	
26 05 33 13-0265	EA	3" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	76.24	27.55
		For Work In Restricted Working Space, Add	*16.53*	
		For Elevated Installation >10' To 15', Add	*5.51*	
		For Elevated Installation >15' To 20', Add	*11.02*	
		For Elevated Installation >20' To 25', Add	*13.77*	
		For Elevated Installation >25' To 30', Add	*19.28*	
		For Elevated Installation >30' To 35', Add	*22.04*	
		For Elevated Installation >35' To 40', Add	*27.55*	
		For Elevated Installation >40', Add	*30.30*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.53*	
26 05 33 13-0266	EA	3-1/2" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	87.86	31.06
		For Work In Restricted Working Space, Add	*18.64*	
		For Elevated Installation >10' To 15', Add	*6.21*	
		For Elevated Installation >15' To 20', Add	*12.42*	
		For Elevated Installation >20' To 25', Add	*15.53*	
		For Elevated Installation >25' To 30', Add	*21.74*	
		For Elevated Installation >30' To 35', Add	*24.85*	
		For Elevated Installation >35' To 40', Add	*31.06*	
		For Elevated Installation >40', Add	*34.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.64*	
26 05 33 13-0267	EA	4" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	109.77	40.44
		For Work In Restricted Working Space, Add	*24.26*	
		For Elevated Installation >10' To 15', Add	*8.09*	
		For Elevated Installation >15' To 20', Add	*16.17*	
		For Elevated Installation >20' To 25', Add	*20.22*	
		For Elevated Installation >25' To 30', Add	*28.30*	
		For Elevated Installation >30' To 35', Add	*32.35*	
		For Elevated Installation >35' To 40', Add	*40.44*	
		For Elevated Installation >40', Add	*44.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.26*	
26 05 33 13-0268	EA	1/2" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	18.07	7.62
		For Work In Restricted Working Space, Add	*4.57*	
		For Elevated Installation >10' To 15', Add	*1.52*	
		For Elevated Installation >15' To 20', Add	*3.05*	
		For Elevated Installation >20' To 25', Add	*3.81*	
		For Elevated Installation >25' To 30', Add	*5.33*	
		For Elevated Installation >30' To 35', Add	*6.10*	
		For Elevated Installation >35' To 40', Add	*7.62*	
		For Elevated Installation >40', Add	*8.38*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.57*	
26 05 33 13-0269	EA	3/4" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	20.97	8.79
		For Work In Restricted Working Space, Add	*5.27*	
		For Elevated Installation >10' To 15', Add	*1.76*	
		For Elevated Installation >15' To 20', Add	*3.52*	
		For Elevated Installation >20' To 25', Add	*4.40*	
		For Elevated Installation >25' To 30', Add	*6.15*	
		For Elevated Installation >30' To 35', Add	*7.03*	
		For Elevated Installation >35' To 40', Add	*8.79*	
		For Elevated Installation >40', Add	*9.67*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.27*	
26 05 33 13-0270	EA	1" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	27.06	11.14
		For Work In Restricted Working Space, Add	*6.68*	
		For Elevated Installation >10' To 15', Add	*2.23*	
		For Elevated Installation >15' To 20', Add	*4.45*	
		For Elevated Installation >20' To 25', Add	*5.57*	
		For Elevated Installation >25' To 30', Add	*7.79*	
		For Elevated Installation >30' To 35', Add	*8.91*	
		For Elevated Installation >35' To 40', Add	*11.14*	
		For Elevated Installation >40', Add	*12.25*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0271	EA	1-1/4" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	31.78	12.89
		For Work In Restricted Working Space, Add	*7.73*	
		For Elevated Installation >10' To 15', Add	*2.58*	
		For Elevated Installation >15' To 20', Add	*5.16*	
		For Elevated Installation >20' To 25', Add	*6.45*	
		For Elevated Installation >25' To 30', Add	*9.02*	
		For Elevated Installation >30' To 35', Add	*10.31*	
		For Elevated Installation >35' To 40', Add	*12.89*	
		For Elevated Installation >40', Add	*14.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
26 05 33 13-0272	EA	1-1/2" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	36.66	14.66
		For Work In Restricted Working Space, Add	*8.79*	
		For Elevated Installation >10' To 15', Add	*2.93*	
		For Elevated Installation >15' To 20', Add	*5.86*	
		For Elevated Installation >20' To 25', Add	*7.33*	
		For Elevated Installation >25' To 30', Add	*10.26*	
		For Elevated Installation >30' To 35', Add	*11.72*	
		For Elevated Installation >35' To 40', Add	*14.65*	
		For Elevated Installation >40', Add	*16.12*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.79*	
26 05 33 13-0273	EA	2" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	42.81	16.41
		For Work In Restricted Working Space, Add	*9.85*	
		For Elevated Installation >10' To 15', Add	*3.28*	
		For Elevated Installation >15' To 20', Add	*6.56*	
		For Elevated Installation >20' To 25', Add	*8.21*	
		For Elevated Installation >25' To 30', Add	*11.49*	
		For Elevated Installation >30' To 35', Add	*13.13*	
		For Elevated Installation >35' To 40', Add	*16.41*	
		For Elevated Installation >40', Add	*18.05*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.85*	
26 05 33 13-0274	EA	2-1/2" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	60.44	19.93
		For Work In Restricted Working Space, Add	*11.96*	
		For Elevated Installation >10' To 15', Add	*3.99*	
		For Elevated Installation >15' To 20', Add	*7.97*	
		For Elevated Installation >20' To 25', Add	*9.97*	
		For Elevated Installation >25' To 30', Add	*13.95*	
		For Elevated Installation >30' To 35', Add	*15.94*	
		For Elevated Installation >35' To 40', Add	*19.93*	
		For Elevated Installation >40', Add	*21.92*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.96*	
26 05 33 13-0275	EA	3" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	79.68	27.55
		For Work In Restricted Working Space, Add	*16.53*	
		For Elevated Installation >10' To 15', Add	*5.51*	
		For Elevated Installation >15' To 20', Add	*11.02*	
		For Elevated Installation >20' To 25', Add	*13.77*	
		For Elevated Installation >25' To 30', Add	*19.28*	
		For Elevated Installation >30' To 35', Add	*22.04*	
		For Elevated Installation >35' To 40', Add	*27.55*	
		For Elevated Installation >40', Add	*30.30*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.53*	
26 05 33 13-0276	EA	3-1/2" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	91.28	31.06
		For Work In Restricted Working Space, Add	*18.64*	
		For Elevated Installation >10' To 15', Add	*6.21*	
		For Elevated Installation >15' To 20', Add	*12.42*	
		For Elevated Installation >20' To 25', Add	*15.53*	
		For Elevated Installation >25' To 30', Add	*21.74*	
		For Elevated Installation >30' To 35', Add	*24.85*	
		For Elevated Installation >35' To 40', Add	*31.06*	
		For Elevated Installation >40', Add	*34.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.64*	
26 05 33 13-0277	EA	4" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	114.76	40.44
		For Work In Restricted Working Space, Add	*24.26*	
		For Elevated Installation >10' To 15', Add	*8.09*	
		For Elevated Installation >15' To 20', Add	*16.17*	
		For Elevated Installation >20' To 25', Add	*20.22*	
		For Elevated Installation >25' To 30', Add	*28.30*	
		For Elevated Installation >30' To 35', Add	*32.35*	
		For Elevated Installation >35' To 40', Add	*40.44*	
		For Elevated Installation >40', Add	*44.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.26*	
26 05 33 13-0278	EA	5" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	177.13	55.67
		For Work In Restricted Working Space, Add	*33.41*	
		For Elevated Installation >10' To 15', Add	*11.14*	
		For Elevated Installation >15' To 20', Add	*22.27*	
		For Elevated Installation >20' To 25', Add	*27.84*	
		For Elevated Installation >25' To 30', Add	*38.97*	
		For Elevated Installation >30' To 35', Add	*44.54*	
		For Elevated Installation >35' To 40', Add	*55.68*	
		For Elevated Installation >40', Add	*61.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0279	EA	6" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	224.84	71.38
		For Work In Restricted Working Space, Add	*42.86*	
		For Elevated Installation >10' To 15', Add	*14.29*	
		For Elevated Installation >15' To 20', Add	*28.57*	
		For Elevated Installation >20' To 25', Add	*35.72*	
		For Elevated Installation >25' To 30', Add	*50.00*	
		For Elevated Installation >30' To 35', Add	*57.14*	
		For Elevated Installation >35' To 40', Add	*71.43*	
		For Elevated Installation >40', Add	*78.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*42.86*	
26 05 33 13-0280	EA	1/2" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	18.62	7.62
		For Work In Restricted Working Space, Add	*4.57*	
		For Elevated Installation >10' To 15', Add	*1.52*	
		For Elevated Installation >15' To 20', Add	*3.05*	
		For Elevated Installation >20' To 25', Add	*3.81*	
		For Elevated Installation >25' To 30', Add	*5.33*	
		For Elevated Installation >30' To 35', Add	*6.10*	
		For Elevated Installation >35' To 40', Add	*7.62*	
		For Elevated Installation >40', Add	*8.38*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.57*	
26 05 33 13-0281	EA	3/4" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	21.53	8.79
		For Work In Restricted Working Space, Add	*5.27*	
		For Elevated Installation >10' To 15', Add	*1.76*	
		For Elevated Installation >15' To 20', Add	*3.52*	
		For Elevated Installation >20' To 25', Add	*4.40*	
		For Elevated Installation >25' To 30', Add	*6.15*	
		For Elevated Installation >30' To 35', Add	*7.03*	
		For Elevated Installation >35' To 40', Add	*8.79*	
		For Elevated Installation >40', Add	*9.67*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.27*	
26 05 33 13-0282	EA	1" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	27.51	11.14
		For Work In Restricted Working Space, Add	*6.68*	
		For Elevated Installation >10' To 15', Add	*2.23*	
		For Elevated Installation >15' To 20', Add	*4.45*	
		For Elevated Installation >20' To 25', Add	*5.57*	
		For Elevated Installation >25' To 30', Add	*7.79*	
		For Elevated Installation >30' To 35', Add	*8.91*	
		For Elevated Installation >35' To 40', Add	*11.14*	
		For Elevated Installation >40', Add	*12.25*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.68*	
26 05 33 13-0283	EA	1-1/4" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	32.53	12.89
		For Work In Restricted Working Space, Add	*7.73*	
		For Elevated Installation >10' To 15', Add	*2.58*	
		For Elevated Installation >15' To 20', Add	*5.16*	
		For Elevated Installation >20' To 25', Add	*6.45*	
		For Elevated Installation >25' To 30', Add	*9.02*	
		For Elevated Installation >30' To 35', Add	*10.31*	
		For Elevated Installation >35' To 40', Add	*12.89*	
		For Elevated Installation >40', Add	*14.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
26 05 33 13-0284	EA	1-1/2" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	38.35	14.66
		For Work In Restricted Working Space, Add	*8.79*	
		For Elevated Installation >10' To 15', Add	*2.93*	
		For Elevated Installation >15' To 20', Add	*5.86*	
		For Elevated Installation >20' To 25', Add	*7.33*	
		For Elevated Installation >25' To 30', Add	*10.26*	
		For Elevated Installation >30' To 35', Add	*11.72*	
		For Elevated Installation >35' To 40', Add	*14.65*	
		For Elevated Installation >40', Add	*16.12*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.79*	
26 05 33 13-0285	EA	2" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	44.25	16.41
		For Work In Restricted Working Space, Add	*9.85*	
		For Elevated Installation >10' To 15', Add	*3.28*	
		For Elevated Installation >15' To 20', Add	*6.56*	
		For Elevated Installation >20' To 25', Add	*8.21*	
		For Elevated Installation >25' To 30', Add	*11.49*	
		For Elevated Installation >30' To 35', Add	*13.13*	
		For Elevated Installation >35' To 40', Add	*16.41*	
		For Elevated Installation >40', Add	*18.05*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.85*	
26 05 33 13-0286	EA	2-1/2" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	63.22	19.93
		For Work In Restricted Working Space, Add	*11.96*	
		For Elevated Installation >10' To 15', Add	*3.99*	
		For Elevated Installation >15' To 20', Add	*7.97*	
		For Elevated Installation >20' To 25', Add	*9.97*	
		For Elevated Installation >25' To 30', Add	*13.95*	
		For Elevated Installation >30' To 35', Add	*15.94*	
		For Elevated Installation >35' To 40', Add	*19.93*	
		For Elevated Installation >40', Add	*21.92*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.96*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0287	EA	3" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	83.16	27.55
		For Work In Restricted Working Space, Add	*16.53*	
		For Elevated Installation >10' To 15', Add	*5.51*	
		For Elevated Installation >15' To 20', Add	*11.02*	
		For Elevated Installation >20' To 25', Add	*13.77*	
		For Elevated Installation >25' To 30', Add	*19.28*	
		For Elevated Installation >30' To 35', Add	*22.04*	
		For Elevated Installation >35' To 40', Add	*27.55*	
		For Elevated Installation >40', Add	*30.30*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.53*	
26 05 33 13-0288	EA	3-1/2" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	95.44	31.06
		For Work In Restricted Working Space, Add	*18.64*	
		For Elevated Installation >10' To 15', Add	*6.21*	
		For Elevated Installation >15' To 20', Add	*12.42*	
		For Elevated Installation >20' To 25', Add	*15.53*	
		For Elevated Installation >25' To 30', Add	*21.74*	
		For Elevated Installation >30' To 35', Add	*24.85*	
		For Elevated Installation >35' To 40', Add	*31.06*	
		For Elevated Installation >40', Add	*34.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.64*	
26 05 33 13-0289	EA	4" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	118.72	40.44
		For Work In Restricted Working Space, Add	*24.26*	
		For Elevated Installation >10' To 15', Add	*8.09*	
		For Elevated Installation >15' To 20', Add	*16.17*	
		For Elevated Installation >20' To 25', Add	*20.22*	
		For Elevated Installation >25' To 30', Add	*28.30*	
		For Elevated Installation >30' To 35', Add	*32.35*	
		For Elevated Installation >35' To 40', Add	*40.44*	
		For Elevated Installation >40', Add	*44.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.26*	
26 05 33 13-0290	EA	5" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	182.92	55.67
		For Work In Restricted Working Space, Add	*33.41*	
		For Elevated Installation >10' To 15', Add	*11.14*	
		For Elevated Installation >15' To 20', Add	*22.27*	
		For Elevated Installation >20' To 25', Add	*27.84*	
		For Elevated Installation >25' To 30', Add	*38.97*	
		For Elevated Installation >30' To 35', Add	*44.54*	
		For Elevated Installation >35' To 40', Add	*55.68*	
		For Elevated Installation >40', Add	*61.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.41*	
26 05 33 13-0291	EA	6" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	233.32	71.38
		For Work In Restricted Working Space, Add	*42.86*	
		For Elevated Installation >10' To 15', Add	*14.29*	
		For Elevated Installation >15' To 20', Add	*28.57*	
		For Elevated Installation >20' To 25', Add	*35.72*	
		For Elevated Installation >25' To 30', Add	*50.00*	
		For Elevated Installation >30' To 35', Add	*57.14*	
		For Elevated Installation >35' To 40', Add	*71.43*	
		For Elevated Installation >40', Add	*78.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*42.86*	
26 05 33 13-0292	EA	1/2" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	20.63	7.62
		For Work In Restricted Working Space, Add	*4.57*	
		For Elevated Installation >10' To 15', Add	*1.52*	
		For Elevated Installation >15' To 20', Add	*3.05*	
		For Elevated Installation >20' To 25', Add	*3.81*	
		For Elevated Installation >25' To 30', Add	*5.33*	
		For Elevated Installation >30' To 35', Add	*6.10*	
		For Elevated Installation >35' To 40', Add	*7.62*	
		For Elevated Installation >40', Add	*8.38*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.57*	
26 05 33 13-0293	EA	3/4" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	24.10	8.79
		For Work In Restricted Working Space, Add	*5.27*	
		For Elevated Installation >10' To 15', Add	*1.76*	
		For Elevated Installation >15' To 20', Add	*3.52*	
		For Elevated Installation >20' To 25', Add	*4.40*	
		For Elevated Installation >25' To 30', Add	*6.15*	
		For Elevated Installation >30' To 35', Add	*7.03*	
		For Elevated Installation >35' To 40', Add	*8.79*	
		For Elevated Installation >40', Add	*9.67*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.27*	
26 05 33 13-0294	EA	1" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	30.53	11.14
		For Work In Restricted Working Space, Add	*6.68*	
		For Elevated Installation >10' To 15', Add	*2.23*	
		For Elevated Installation >15' To 20', Add	*4.45*	
		For Elevated Installation >20' To 25', Add	*5.57*	
		For Elevated Installation >25' To 30', Add	*7.79*	
		For Elevated Installation >30' To 35', Add	*8.91*	
		For Elevated Installation >35' To 40', Add	*11.14*	
		For Elevated Installation >40', Add	*12.25*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0295	EA	1-1/4" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	36.84	12.89
		For Work In Restricted Working Space, Add	*7.73*	
		For Elevated Installation >10' To 15', Add	*2.58*	
		For Elevated Installation >15' To 20', Add	*5.16*	
		For Elevated Installation >20' To 25', Add	*6.45*	
		For Elevated Installation >25' To 30', Add	*9.02*	
		For Elevated Installation >30' To 35', Add	*10.31*	
		For Elevated Installation >35' To 40', Add	*12.89*	
		For Elevated Installation >40', Add	*14.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
26 05 33 13-0296	EA	1-1/2" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	43.15	14.66
		For Work In Restricted Working Space, Add	*8.79*	
		For Elevated Installation >10' To 15', Add	*2.93*	
		For Elevated Installation >15' To 20', Add	*5.86*	
		For Elevated Installation >20' To 25', Add	*7.33*	
		For Elevated Installation >25' To 30', Add	*10.26*	
		For Elevated Installation >30' To 35', Add	*11.72*	
		For Elevated Installation >35' To 40', Add	*14.65*	
		For Elevated Installation >40', Add	*16.12*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.79*	
26 05 33 13-0297	EA	2" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	49.30	16.41
		For Work In Restricted Working Space, Add	*9.85*	
		For Elevated Installation >10' To 15', Add	*3.28*	
		For Elevated Installation >15' To 20', Add	*6.56*	
		For Elevated Installation >20' To 25', Add	*8.21*	
		For Elevated Installation >25' To 30', Add	*11.49*	
		For Elevated Installation >30' To 35', Add	*13.13*	
		For Elevated Installation >35' To 40', Add	*16.41*	
		For Elevated Installation >40', Add	*18.05*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.85*	
26 05 33 13-0298	EA	2-1/2" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	70.58	19.93
		For Work In Restricted Working Space, Add	*11.96*	
		For Elevated Installation >10' To 15', Add	*3.99*	
		For Elevated Installation >15' To 20', Add	*7.97*	
		For Elevated Installation >20' To 25', Add	*9.97*	
		For Elevated Installation >25' To 30', Add	*13.95*	
		For Elevated Installation >30' To 35', Add	*15.94*	
		For Elevated Installation >35' To 40', Add	*19.93*	
		For Elevated Installation >40', Add	*21.92*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.96*	
26 05 33 13-0299	EA	3" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	91.62	27.55
		For Work In Restricted Working Space, Add	*16.53*	
		For Elevated Installation >10' To 15', Add	*5.51*	
		For Elevated Installation >15' To 20', Add	*11.02*	
		For Elevated Installation >20' To 25', Add	*13.77*	
		For Elevated Installation >25' To 30', Add	*19.28*	
		For Elevated Installation >30' To 35', Add	*22.04*	
		For Elevated Installation >35' To 40', Add	*27.55*	
		For Elevated Installation >40', Add	*30.30*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.53*	
26 05 33 13-0300	EA	3-1/2" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	103.87	31.06
		For Work In Restricted Working Space, Add	*18.64*	
		For Elevated Installation >10' To 15', Add	*6.21*	
		For Elevated Installation >15' To 20', Add	*12.42*	
		For Elevated Installation >20' To 25', Add	*15.53*	
		For Elevated Installation >25' To 30', Add	*21.74*	
		For Elevated Installation >30' To 35', Add	*24.85*	
		For Elevated Installation >35' To 40', Add	*31.06*	
		For Elevated Installation >40', Add	*34.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.64*	
26 05 33 13-0301	EA	4" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	128.03	40.44
		For Work In Restricted Working Space, Add	*24.26*	
		For Elevated Installation >10' To 15', Add	*8.09*	
		For Elevated Installation >15' To 20', Add	*16.17*	
		For Elevated Installation >20' To 25', Add	*20.22*	
		For Elevated Installation >25' To 30', Add	*28.30*	
		For Elevated Installation >30' To 35', Add	*32.35*	
		For Elevated Installation >35' To 40', Add	*40.44*	
		For Elevated Installation >40', Add	*44.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.26*	
26 05 33 13-0302	EA	5" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	196.36	55.67
		For Work In Restricted Working Space, Add	*33.41*	
		For Elevated Installation >10' To 15', Add	*11.14*	
		For Elevated Installation >15' To 20', Add	*22.27*	
		For Elevated Installation >20' To 25', Add	*27.84*	
		For Elevated Installation >25' To 30', Add	*38.97*	
		For Elevated Installation >30' To 35', Add	*44.54*	
		For Elevated Installation >35' To 40', Add	*55.68*	
		For Elevated Installation >40', Add	*61.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0303	EA	6" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	248.41	71.38
		For Work In Restricted Working Space, Add	*42.86*	
		For Elevated Installation >10' To 15', Add	*14.29*	
		For Elevated Installation >15' To 20', Add	*28.57*	
		For Elevated Installation >20' To 25', Add	*35.72*	
		For Elevated Installation >25' To 30', Add	*50.00*	
		For Elevated Installation >30' To 35', Add	*57.14*	
		For Elevated Installation >35' To 40', Add	*71.43*	
		For Elevated Installation >40', Add	*78.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*42.86*	
26 05 33 13-0304	EA	1/2" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	21.98	7.62
		For Work In Restricted Working Space, Add	*4.57*	
		For Elevated Installation >10' To 15', Add	*1.52*	
		For Elevated Installation >15' To 20', Add	*3.05*	
		For Elevated Installation >20' To 25', Add	*3.81*	
		For Elevated Installation >25' To 30', Add	*5.33*	
		For Elevated Installation >30' To 35', Add	*6.10*	
		For Elevated Installation >35' To 40', Add	*7.62*	
		For Elevated Installation >40', Add	*8.38*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.57*	
26 05 33 13-0305	EA	3/4" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	25.41	8.79
		For Work In Restricted Working Space, Add	*5.27*	
		For Elevated Installation >10' To 15', Add	*1.76*	
		For Elevated Installation >15' To 20', Add	*3.52*	
		For Elevated Installation >20' To 25', Add	*4.40*	
		For Elevated Installation >25' To 30', Add	*6.15*	
		For Elevated Installation >30' To 35', Add	*7.03*	
		For Elevated Installation >35' To 40', Add	*8.79*	
		For Elevated Installation >40', Add	*9.67*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.27*	
26 05 33 13-0306	EA	1" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	32.93	11.14
		For Work In Restricted Working Space, Add	*6.68*	
		For Elevated Installation >10' To 15', Add	*2.23*	
		For Elevated Installation >15' To 20', Add	*4.45*	
		For Elevated Installation >20' To 25', Add	*5.57*	
		For Elevated Installation >25' To 30', Add	*7.79*	
		For Elevated Installation >30' To 35', Add	*8.91*	
		For Elevated Installation >35' To 40', Add	*11.14*	
		For Elevated Installation >40', Add	*12.25*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.68*	
26 05 33 13-0307	EA	1-1/4" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	39.69	12.89
		For Work In Restricted Working Space, Add	*7.73*	
		For Elevated Installation >10' To 15', Add	*2.58*	
		For Elevated Installation >15' To 20', Add	*5.16*	
		For Elevated Installation >20' To 25', Add	*6.45*	
		For Elevated Installation >25' To 30', Add	*9.02*	
		For Elevated Installation >30' To 35', Add	*10.31*	
		For Elevated Installation >35' To 40', Add	*12.89*	
		For Elevated Installation >40', Add	*14.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
26 05 33 13-0308	EA	1-1/2" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	45.96	14.66
		For Work In Restricted Working Space, Add	*8.79*	
		For Elevated Installation >10' To 15', Add	*2.93*	
		For Elevated Installation >15' To 20', Add	*5.86*	
		For Elevated Installation >20' To 25', Add	*7.33*	
		For Elevated Installation >25' To 30', Add	*10.26*	
		For Elevated Installation >30' To 35', Add	*11.72*	
		For Elevated Installation >35' To 40', Add	*14.65*	
		For Elevated Installation >40', Add	*16.12*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.79*	
26 05 33 13-0309	EA	2" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	52.56	16.41
		For Work In Restricted Working Space, Add	*9.85*	
		For Elevated Installation >10' To 15', Add	*3.28*	
		For Elevated Installation >15' To 20', Add	*6.56*	
		For Elevated Installation >20' To 25', Add	*8.21*	
		For Elevated Installation >25' To 30', Add	*11.49*	
		For Elevated Installation >30' To 35', Add	*13.13*	
		For Elevated Installation >35' To 40', Add	*16.41*	
		For Elevated Installation >40', Add	*18.05*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.85*	
26 05 33 13-0310	EA	2-1/2" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	75.53	19.93
		For Work In Restricted Working Space, Add	*11.96*	
		For Elevated Installation >10' To 15', Add	*3.99*	
		For Elevated Installation >15' To 20', Add	*7.97*	
		For Elevated Installation >20' To 25', Add	*9.97*	
		For Elevated Installation >25' To 30', Add	*13.95*	
		For Elevated Installation >30' To 35', Add	*15.94*	
		For Elevated Installation >35' To 40', Add	*19.93*	
		For Elevated Installation >40', Add	*21.92*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0311	EA	3" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	98.27	27.55
		For Work In Restricted Working Space, Add	*16.53*	
		For Elevated Installation >10' To 15', Add	*5.51*	
		For Elevated Installation >15' To 20', Add	*11.02*	
		For Elevated Installation >20' To 25', Add	*13.77*	
		For Elevated Installation >25' To 30', Add	*19.28*	
		For Elevated Installation >30' To 35', Add	*22.04*	
		For Elevated Installation >35' To 40', Add	*27.55*	
		For Elevated Installation >40', Add	*30.30*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.53*	
26 05 33 13-0312	EA	3-1/2" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	112.63	31.06
		For Work In Restricted Working Space, Add	*18.64*	
		For Elevated Installation >10' To 15', Add	*6.21*	
		For Elevated Installation >15' To 20', Add	*12.42*	
		For Elevated Installation >20' To 25', Add	*15.53*	
		For Elevated Installation >25' To 30', Add	*21.74*	
		For Elevated Installation >30' To 35', Add	*24.85*	
		For Elevated Installation >35' To 40', Add	*31.06*	
		For Elevated Installation >40', Add	*34.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.64*	
26 05 33 13-0313	EA	4" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	139.12	40.44
		For Work In Restricted Working Space, Add	*24.26*	
		For Elevated Installation >10' To 15', Add	*8.09*	
		For Elevated Installation >15' To 20', Add	*16.17*	
		For Elevated Installation >20' To 25', Add	*20.22*	
		For Elevated Installation >25' To 30', Add	*28.30*	
		For Elevated Installation >30' To 35', Add	*32.35*	
		For Elevated Installation >35' To 40', Add	*40.44*	
		For Elevated Installation >40', Add	*44.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.26*	
26 05 33 13-0314	EA	5" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	211.02	55.67
		For Work In Restricted Working Space, Add	*33.41*	
		For Elevated Installation >10' To 15', Add	*11.14*	
		For Elevated Installation >15' To 20', Add	*22.27*	
		For Elevated Installation >20' To 25', Add	*27.84*	
		For Elevated Installation >25' To 30', Add	*38.97*	
		For Elevated Installation >30' To 35', Add	*44.54*	
		For Elevated Installation >35' To 40', Add	*55.68*	
		For Elevated Installation >40', Add	*61.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.41*	
26 05 33 13-0315	EA	6" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	274.78	71.38
		For Work In Restricted Working Space, Add	*42.86*	
		For Elevated Installation >10' To 15', Add	*14.29*	
		For Elevated Installation >15' To 20', Add	*28.57*	
		For Elevated Installation >20' To 25', Add	*35.72*	
		For Elevated Installation >25' To 30', Add	*50.00*	
		For Elevated Installation >30' To 35', Add	*57.14*	
		For Elevated Installation >35' To 40', Add	*71.43*	
		For Elevated Installation >40', Add	*78.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*42.86*	
26 05 33 13-0316	EA	1/2" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	23.01	7.62
		For Work In Restricted Working Space, Add	*4.57*	
		For Elevated Installation >10' To 15', Add	*1.52*	
		For Elevated Installation >15' To 20', Add	*3.05*	
		For Elevated Installation >20' To 25', Add	*3.81*	
		For Elevated Installation >25' To 30', Add	*5.33*	
		For Elevated Installation >30' To 35', Add	*6.10*	
		For Elevated Installation >35' To 40', Add	*7.62*	
		For Elevated Installation >40', Add	*8.38*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.57*	
26 05 33 13-0317	EA	3/4" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	26.38	8.79
		For Work In Restricted Working Space, Add	*5.27*	
		For Elevated Installation >10' To 15', Add	*1.76*	
		For Elevated Installation >15' To 20', Add	*3.52*	
		For Elevated Installation >20' To 25', Add	*4.40*	
		For Elevated Installation >25' To 30', Add	*6.15*	
		For Elevated Installation >30' To 35', Add	*7.03*	
		For Elevated Installation >35' To 40', Add	*8.79*	
		For Elevated Installation >40', Add	*9.67*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.27*	
26 05 33 13-0318	EA	1" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	34.37	11.14
		For Work In Restricted Working Space, Add	*6.68*	
		For Elevated Installation >10' To 15', Add	*2.23*	
		For Elevated Installation >15' To 20', Add	*4.45*	
		For Elevated Installation >20' To 25', Add	*5.57*	
		For Elevated Installation >25' To 30', Add	*7.79*	
		For Elevated Installation >30' To 35', Add	*8.91*	
		For Elevated Installation >35' To 40', Add	*11.14*	
		For Elevated Installation >40', Add	*12.25*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0319	EA	1-1/4" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	41.98	12.89
		For Work In Restricted Working Space, Add	*7.73*	
		For Elevated Installation >10' To 15', Add	*2.58*	
		For Elevated Installation >15' To 20', Add	*5.16*	
		For Elevated Installation >20' To 25', Add	*6.45*	
		For Elevated Installation >25' To 30', Add	*9.02*	
		For Elevated Installation >30' To 35', Add	*10.31*	
		For Elevated Installation >35' To 40', Add	*12.89*	
		For Elevated Installation >40', Add	*14.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
26 05 33 13-0320	EA	1-1/2" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	47.37	14.66
		For Work In Restricted Working Space, Add	*8.79*	
		For Elevated Installation >10' To 15', Add	*2.93*	
		For Elevated Installation >15' To 20', Add	*5.86*	
		For Elevated Installation >20' To 25', Add	*7.33*	
		For Elevated Installation >25' To 30', Add	*10.26*	
		For Elevated Installation >30' To 35', Add	*11.72*	
		For Elevated Installation >35' To 40', Add	*14.65*	
		For Elevated Installation >40', Add	*16.12*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.79*	
26 05 33 13-0321	EA	2" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	55.30	16.41
		For Work In Restricted Working Space, Add	*9.85*	
		For Elevated Installation >10' To 15', Add	*3.28*	
		For Elevated Installation >15' To 20', Add	*6.56*	
		For Elevated Installation >20' To 25', Add	*8.21*	
		For Elevated Installation >25' To 30', Add	*11.49*	
		For Elevated Installation >30' To 35', Add	*13.13*	
		For Elevated Installation >35' To 40', Add	*16.41*	
		For Elevated Installation >40', Add	*18.05*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.85*	
26 05 33 13-0322	EA	2-1/2" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	81.35	19.93
		For Work In Restricted Working Space, Add	*11.96*	
		For Elevated Installation >10' To 15', Add	*3.99*	
		For Elevated Installation >15' To 20', Add	*7.97*	
		For Elevated Installation >20' To 25', Add	*9.97*	
		For Elevated Installation >25' To 30', Add	*13.95*	
		For Elevated Installation >30' To 35', Add	*15.94*	
		For Elevated Installation >35' To 40', Add	*19.93*	
		For Elevated Installation >40', Add	*21.92*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.96*	
26 05 33 13-0323	EA	3" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	107.51	27.55
		For Work In Restricted Working Space, Add	*16.53*	
		For Elevated Installation >10' To 15', Add	*5.51*	
		For Elevated Installation >15' To 20', Add	*11.02*	
		For Elevated Installation >20' To 25', Add	*13.77*	
		For Elevated Installation >25' To 30', Add	*19.28*	
		For Elevated Installation >30' To 35', Add	*22.04*	
		For Elevated Installation >35' To 40', Add	*27.55*	
		For Elevated Installation >40', Add	*30.30*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.53*	
26 05 33 13-0324	EA	3-1/2" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	121.15	31.06
		For Work In Restricted Working Space, Add	*18.64*	
		For Elevated Installation >10' To 15', Add	*6.21*	
		For Elevated Installation >15' To 20', Add	*12.42*	
		For Elevated Installation >20' To 25', Add	*15.53*	
		For Elevated Installation >25' To 30', Add	*21.74*	
		For Elevated Installation >30' To 35', Add	*24.85*	
		For Elevated Installation >35' To 40', Add	*31.06*	
		For Elevated Installation >40', Add	*34.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.64*	
26 05 33 13-0325	EA	4" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	150.22	40.44
		For Work In Restricted Working Space, Add	*24.26*	
		For Elevated Installation >10' To 15', Add	*8.09*	
		For Elevated Installation >15' To 20', Add	*16.17*	
		For Elevated Installation >20' To 25', Add	*20.22*	
		For Elevated Installation >25' To 30', Add	*28.30*	
		For Elevated Installation >30' To 35', Add	*32.35*	
		For Elevated Installation >35' To 40', Add	*40.44*	
		For Elevated Installation >40', Add	*44.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.26*	
26 05 33 13-0326	EA	5" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	232.08	55.67
		For Work In Restricted Working Space, Add	*33.41*	
		For Elevated Installation >10' To 15', Add	*11.14*	
		For Elevated Installation >15' To 20', Add	*22.27*	
		For Elevated Installation >20' To 25', Add	*27.84*	
		For Elevated Installation >25' To 30', Add	*38.97*	
		For Elevated Installation >30' To 35', Add	*44.54*	
		For Elevated Installation >35' To 40', Add	*55.68*	
		For Elevated Installation >40', Add	*61.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0327	EA	6" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	289.43	71.38
		For Work In Restricted Working Space, Add	*42.86*	
		For Elevated Installation >10' To 15', Add	*14.29*	
		For Elevated Installation >15' To 20', Add	*28.57*	
		For Elevated Installation >20' To 25', Add	*35.72*	
		For Elevated Installation >25' To 30', Add	*50.00*	
		For Elevated Installation >30' To 35', Add	*57.14*	
		For Elevated Installation >35' To 40', Add	*71.43*	
		For Elevated Installation >40', Add	*78.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*42.86*	
26 05 33 13-0328		**Rigid Galvanized Steel (RGS) Off-Set Nipples** *(26 05 33 13-0060)*		
26 05 33 13-0329	EA	1/2" Rigid Galvanized Steel (RGS) Off-Set Nipple	17.55	6.09
		For Work In Restricted Working Space, Add	*4.61*	
		For Elevated Installation >10' To 15', Add	*1.54*	
		For Elevated Installation >15' To 20', Add	*3.07*	
		For Elevated Installation >20' To 25', Add	*3.84*	
		For Elevated Installation >25' To 30', Add	*5.38*	
		For Elevated Installation >30' To 35', Add	*6.14*	
		For Elevated Installation >35' To 40', Add	*7.68*	
		For Elevated Installation >40', Add	*8.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.61*	
26 05 33 13-0330	EA	3/4" Rigid Galvanized Steel (RGS) Off-Set Nipple	20.83	7.04
		For Work In Restricted Working Space, Add	*5.24*	
		For Elevated Installation >10' To 15', Add	*1.75*	
		For Elevated Installation >15' To 20', Add	*3.50*	
		For Elevated Installation >20' To 25', Add	*4.37*	
		For Elevated Installation >25' To 30', Add	*6.12*	
		For Elevated Installation >30' To 35', Add	*6.99*	
		For Elevated Installation >35' To 40', Add	*8.74*	
		For Elevated Installation >40', Add	*9.61*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.24*	
26 05 33 13-0331	EA	1" Rigid Galvanized Steel (RGS) Off-Set Nipple	26.19	8.91
		For Work In Restricted Working Space, Add	*6.71*	
		For Elevated Installation >10' To 15', Add	*2.24*	
		For Elevated Installation >15' To 20', Add	*4.47*	
		For Elevated Installation >20' To 25', Add	*5.59*	
		For Elevated Installation >25' To 30', Add	*7.83*	
		For Elevated Installation >30' To 35', Add	*8.94*	
		For Elevated Installation >35' To 40', Add	*11.18*	
		For Elevated Installation >40', Add	*12.30*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.71*	
26 05 33 13-0332	EA	1-1/4" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated	32.98	10.67
		For Work In Restricted Working Space, Add	*8.04*	
		For Elevated Installation >10' To 15', Add	*2.68*	
		For Elevated Installation >15' To 20', Add	*5.36*	
		For Elevated Installation >20' To 25', Add	*6.70*	
		For Elevated Installation >25' To 30', Add	*9.38*	
		For Elevated Installation >30' To 35', Add	*10.72*	
		For Elevated Installation >35' To 40', Add	*13.40*	
		For Elevated Installation >40', Add	*14.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.04*	
26 05 33 13-0333	EA	1-1/2" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated	36.11	11.72
		For Work In Restricted Working Space, Add	*8.80*	
		For Elevated Installation >10' To 15', Add	*2.93*	
		For Elevated Installation >15' To 20', Add	*5.87*	
		For Elevated Installation >20' To 25', Add	*7.33*	
		For Elevated Installation >25' To 30', Add	*10.27*	
		For Elevated Installation >30' To 35', Add	*11.73*	
		For Elevated Installation >35' To 40', Add	*14.67*	
		For Elevated Installation >40', Add	*16.13*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.80*	
26 05 33 13-0334	EA	2" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated	46.90	14.41
		For Work In Restricted Working Space, Add	*10.84*	
		For Elevated Installation >10' To 15', Add	*3.61*	
		For Elevated Installation >15' To 20', Add	*7.23*	
		For Elevated Installation >20' To 25', Add	*9.03*	
		For Elevated Installation >25' To 30', Add	*12.65*	
		For Elevated Installation >30' To 35', Add	*14.45*	
		For Elevated Installation >35' To 40', Add	*18.07*	
		For Elevated Installation >40', Add	*19.87*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.84*	
26 05 33 13-0335	EA	2-1/2" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated	76.55	23.45
		For Work In Restricted Working Space, Add	*17.58*	
		For Elevated Installation >10' To 15', Add	*5.86*	
		For Elevated Installation >15' To 20', Add	*11.72*	
		For Elevated Installation >20' To 25', Add	*14.65*	
		For Elevated Installation >25' To 30', Add	*20.51*	
		For Elevated Installation >30' To 35', Add	*23.44*	
		For Elevated Installation >35' To 40', Add	*29.31*	
		For Elevated Installation >40', Add	*32.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0336	EA	3" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated	121.62	32.35
		For Work In Restricted Working Space, Add	*24.26*	
		For Elevated Installation >10' To 15', Add	*8.09*	
		For Elevated Installation >15' To 20', Add	*16.17*	
		For Elevated Installation >20' To 25', Add	*20.22*	
		For Elevated Installation >25' To 30', Add	*28.30*	
		For Elevated Installation >30' To 35', Add	*32.35*	
		For Elevated Installation >35' To 40', Add	*40.44*	
		For Elevated Installation >40', Add	*44.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.26*	
26 05 33 13-0337	EA	3-1/2" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated	150.04	38.21
		For Work In Restricted Working Space, Add	*28.50*	
		For Elevated Installation >10' To 15', Add	*9.50*	
		For Elevated Installation >15' To 20', Add	*19.00*	
		For Elevated Installation >20' To 25', Add	*23.75*	
		For Elevated Installation >25' To 30', Add	*33.25*	
		For Elevated Installation >30' To 35', Add	*38.00*	
		For Elevated Installation >35' To 40', Add	*47.51*	
		For Elevated Installation >40', Add	*52.26*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.50*	
26 05 33 13-0338	EA	4" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated	179.42	44.08
		For Work In Restricted Working Space, Add	*33.06*	
		For Elevated Installation >10' To 15', Add	*11.02*	
		For Elevated Installation >15' To 20', Add	*22.04*	
		For Elevated Installation >20' To 25', Add	*27.55*	
		For Elevated Installation >25' To 30', Add	*38.57*	
		For Elevated Installation >30' To 35', Add	*44.08*	
		For Elevated Installation >35' To 40', Add	*55.10*	
		For Elevated Installation >40', Add	*60.60*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.06*	

26 05 33 13-0339 Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling *(26 05 33 13-0060)*

Note: Erickson fittings.

26 05 33 13-0340	EA	1/2" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	49.71	18.75
		For Work In Restricted Working Space, Add	*14.08*	
		For Elevated Installation >10' To 15', Add	*4.69*	
		For Elevated Installation >15' To 20', Add	*9.39*	
		For Elevated Installation >20' To 25', Add	*11.74*	
		For Elevated Installation >25' To 30', Add	*16.43*	
		For Elevated Installation >30' To 35', Add	*18.78*	
		For Elevated Installation >35' To 40', Add	*23.47*	
		For Elevated Installation >40', Add	*25.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.08*	
26 05 33 13-0341	EA	3/4" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	55.94	20.98
		For Work In Restricted Working Space, Add	*15.72*	
		For Elevated Installation >10' To 15', Add	*5.24*	
		For Elevated Installation >15' To 20', Add	*10.48*	
		For Elevated Installation >20' To 25', Add	*13.10*	
		For Elevated Installation >25' To 30', Add	*18.34*	
		For Elevated Installation >30' To 35', Add	*20.96*	
		For Elevated Installation >35' To 40', Add	*26.20*	
		For Elevated Installation >40', Add	*28.81*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.72*	
26 05 33 13-0342	EA	1" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	64.91	23.33
		For Work In Restricted Working Space, Add	*17.51*	
		For Elevated Installation >10' To 15', Add	*5.84*	
		For Elevated Installation >15' To 20', Add	*11.67*	
		For Elevated Installation >20' To 25', Add	*14.59*	
		For Elevated Installation >25' To 30', Add	*20.43*	
		For Elevated Installation >30' To 35', Add	*23.34*	
		For Elevated Installation >35' To 40', Add	*29.18*	
		For Elevated Installation >40', Add	*32.10*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.51*	
26 05 33 13-0343	EA	1-1/4" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	77.84	25.55
		For Work In Restricted Working Space, Add	*19.16*	
		For Elevated Installation >10' To 15', Add	*6.39*	
		For Elevated Installation >15' To 20', Add	*12.77*	
		For Elevated Installation >20' To 25', Add	*15.97*	
		For Elevated Installation >25' To 30', Add	*22.35*	
		For Elevated Installation >30' To 35', Add	*25.54*	
		For Elevated Installation >35' To 40', Add	*31.93*	
		For Elevated Installation >40', Add	*35.12*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.16*	
26 05 33 13-0344	EA	1-1/2" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	86.62	27.90
		For Work In Restricted Working Space, Add	*20.96*	
		For Elevated Installation >10' To 15', Add	*6.99*	
		For Elevated Installation >15' To 20', Add	*13.97*	
		For Elevated Installation >20' To 25', Add	*17.47*	
		For Elevated Installation >25' To 30', Add	*24.45*	
		For Elevated Installation >30' To 35', Add	*27.95*	
		For Elevated Installation >35' To 40', Add	*34.94*	
		For Elevated Installation >40', Add	*38.43*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0345	EA	2" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	109.21	30.24
		For Work In Restricted Working Space, Add	*22.70*	
		For Elevated Installation >10' To 15', Add	*7.57*	
		For Elevated Installation >15' To 20', Add	*15.13*	
		For Elevated Installation >20' To 25', Add	*18.92*	
		For Elevated Installation >25' To 30', Add	*26.48*	
		For Elevated Installation >30' To 35', Add	*30.26*	
		For Elevated Installation >35' To 40', Add	*37.83*	
		For Elevated Installation >40', Add	*41.61*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.70*	
26 05 33 13-0346	EA	2-1/2" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	171.48	37.51
		For Work In Restricted Working Space, Add	*28.13*	
		For Elevated Installation >10' To 15', Add	*9.38*	
		For Elevated Installation >15' To 20', Add	*18.75*	
		For Elevated Installation >20' To 25', Add	*23.44*	
		For Elevated Installation >25' To 30', Add	*32.82*	
		For Elevated Installation >30' To 35', Add	*37.51*	
		For Elevated Installation >35' To 40', Add	*46.89*	
		For Elevated Installation >40', Add	*51.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.13*	
26 05 33 13-0347	EA	3" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	235.17	46.88
		For Work In Restricted Working Space, Add	*35.17*	
		For Elevated Installation >10' To 15', Add	*11.72*	
		For Elevated Installation >15' To 20', Add	*23.44*	
		For Elevated Installation >20' To 25', Add	*29.31*	
		For Elevated Installation >25' To 30', Add	*41.03*	
		For Elevated Installation >30' To 35', Add	*46.89*	
		For Elevated Installation >35' To 40', Add	*58.61*	
		For Elevated Installation >40', Add	*64.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*35.17*	
26 05 33 13-0348	EA	3-1/2" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	337.17	56.27
		For Work In Restricted Working Space, Add	*42.21*	
		For Elevated Installation >10' To 15', Add	*14.07*	
		For Elevated Installation >15' To 20', Add	*28.14*	
		For Elevated Installation >20' To 25', Add	*35.18*	
		For Elevated Installation >25' To 30', Add	*49.25*	
		For Elevated Installation >30' To 35', Add	*56.28*	
		For Elevated Installation >35' To 40', Add	*70.36*	
		For Elevated Installation >40', Add	*77.39*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*42.21*	
26 05 33 13-0349	EA	4" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	383.40	60.96
		For Work In Restricted Working Space, Add	*45.71*	
		For Elevated Installation >10' To 15', Add	*15.24*	
		For Elevated Installation >15' To 20', Add	*30.47*	
		For Elevated Installation >20' To 25', Add	*38.09*	
		For Elevated Installation >25' To 30', Add	*53.33*	
		For Elevated Installation >30' To 35', Add	*60.95*	
		For Elevated Installation >35' To 40', Add	*76.19*	
		For Elevated Installation >40', Add	*83.80*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*45.71*	
26 05 33 13-0350	EA	5" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	661.69	75.02
		For Work In Restricted Working Space, Add	*56.26*	
		For Elevated Installation >10' To 15', Add	*18.75*	
		For Elevated Installation >15' To 20', Add	*37.51*	
		For Elevated Installation >20' To 25', Add	*46.88*	
		For Elevated Installation >25' To 30', Add	*65.64*	
		For Elevated Installation >30' To 35', Add	*75.01*	
		For Elevated Installation >35' To 40', Add	*93.77*	
		For Elevated Installation >40', Add	*103.14*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*56.26*	
26 05 33 13-0351	EA	6" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	848.85	86.74
		For Work In Restricted Working Space, Add	*65.05*	
		For Elevated Installation >10' To 15', Add	*21.68*	
		For Elevated Installation >15' To 20', Add	*43.37*	
		For Elevated Installation >20' To 25', Add	*54.21*	
		For Elevated Installation >25' To 30', Add	*75.89*	
		For Elevated Installation >30' To 35', Add	*86.73*	
		For Elevated Installation >35' To 40', Add	*108.42*	
		For Elevated Installation >40', Add	*119.26*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*65.05*	

26 05 33 13-0352 Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connectors *(26 05 33 13-0060)*

26 05 33 13-0353	EA	1/2" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	29.33	9.37
		For Work In Restricted Working Space, Add	*7.04*	
		For Elevated Installation >10' To 15', Add	*2.35*	
		For Elevated Installation >15' To 20', Add	*4.69*	
		For Elevated Installation >20' To 25', Add	*5.86*	
		For Elevated Installation >25' To 30', Add	*8.21*	
		For Elevated Installation >30' To 35', Add	*9.38*	
		For Elevated Installation >35' To 40', Add	*11.73*	
		For Elevated Installation >40', Add	*12.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0354	EA	3/4" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	32.74	10.31
		For Work In Restricted Working Space, Add	*7.74*	
		For Elevated Installation >10' To 15', Add	*2.58*	
		For Elevated Installation >15' To 20', Add	*5.16*	
		For Elevated Installation >20' To 25', Add	*6.45*	
		For Elevated Installation >25' To 30', Add	*9.03*	
		For Elevated Installation >30' To 35', Add	*10.32*	
		For Elevated Installation >35' To 40', Add	*12.90*	
		For Elevated Installation >40', Add	*14.18*	
26 05 33 13-0355	EA	1" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	37.59	11.72
		For Work In Restricted Working Space, Add	*8.79*	
		For Elevated Installation >10' To 15', Add	*2.93*	
		For Elevated Installation >15' To 20', Add	*5.86*	
		For Elevated Installation >20' To 25', Add	*7.33*	
		For Elevated Installation >25' To 30', Add	*10.26*	
		For Elevated Installation >30' To 35', Add	*11.72*	
		For Elevated Installation >35' To 40', Add	*14.66*	
		For Elevated Installation >40', Add	*16.12*	
26 05 33 13-0356	EA	1-1/4" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	42.58	12.66
		For Work In Restricted Working Space, Add	*9.50*	
		For Elevated Installation >10' To 15', Add	*3.17*	
		For Elevated Installation >15' To 20', Add	*6.33*	
		For Elevated Installation >20' To 25', Add	*7.91*	
		For Elevated Installation >25' To 30', Add	*11.08*	
		For Elevated Installation >30' To 35', Add	*12.66*	
		For Elevated Installation >35' To 40', Add	*15.83*	
		For Elevated Installation >40', Add	*17.41*	
26 05 33 13-0357	EA	1-1/2" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	50.39	14.06
		For Work In Restricted Working Space, Add	*10.55*	
		For Elevated Installation >10' To 15', Add	*3.52*	
		For Elevated Installation >15' To 20', Add	*7.03*	
		For Elevated Installation >20' To 25', Add	*8.79*	
		For Elevated Installation >25' To 30', Add	*12.31*	
		For Elevated Installation >30' To 35', Add	*14.06*	
		For Elevated Installation >35' To 40', Add	*17.58*	
		For Elevated Installation >40', Add	*19.34*	
26 05 33 13-0358	EA	2" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	61.20	15.48
		For Work In Restricted Working Space, Add	*11.60*	
		For Elevated Installation >10' To 15', Add	*3.87*	
		For Elevated Installation >15' To 20', Add	*7.74*	
		For Elevated Installation >20' To 25', Add	*9.67*	
		For Elevated Installation >25' To 30', Add	*13.54*	
		For Elevated Installation >30' To 35', Add	*15.47*	
		For Elevated Installation >35' To 40', Add	*19.34*	
		For Elevated Installation >40', Add	*21.27*	
26 05 33 13-0359	EA	2-1/2" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	82.97	18.75
		For Work In Restricted Working Space, Add	*14.06*	
		For Elevated Installation >10' To 15', Add	*4.69*	
		For Elevated Installation >15' To 20', Add	*9.38*	
		For Elevated Installation >20' To 25', Add	*11.72*	
		For Elevated Installation >25' To 30', Add	*16.41*	
		For Elevated Installation >30' To 35', Add	*18.75*	
		For Elevated Installation >35' To 40', Add	*23.44*	
		For Elevated Installation >40', Add	*25.78*	
26 05 33 13-0360	EA	3" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	102.65	23.45
		For Work In Restricted Working Space, Add	*17.58*	
		For Elevated Installation >10' To 15', Add	*5.86*	
		For Elevated Installation >15' To 20', Add	*11.72*	
		For Elevated Installation >20' To 25', Add	*14.65*	
		For Elevated Installation >25' To 30', Add	*20.51*	
		For Elevated Installation >30' To 35', Add	*23.44*	
		For Elevated Installation >35' To 40', Add	*29.31*	
		For Elevated Installation >40', Add	*32.24*	
26 05 33 13-0361	EA	3-1/2" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	123.31	28.13
		For Work In Restricted Working Space, Add	*21.10*	
		For Elevated Installation >10' To 15', Add	*7.03*	
		For Elevated Installation >15' To 20', Add	*14.07*	
		For Elevated Installation >20' To 25', Add	*17.58*	
		For Elevated Installation >25' To 30', Add	*24.62*	
		For Elevated Installation >30' To 35', Add	*28.13*	
		For Elevated Installation >35' To 40', Add	*35.17*	
		For Elevated Installation >40', Add	*38.68*	
26 05 33 13-0362	EA	4" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	139.11	30.47
		For Work In Restricted Working Space, Add	*22.86*	
		For Elevated Installation >10' To 15', Add	*7.62*	
		For Elevated Installation >15' To 20', Add	*15.24*	
		For Elevated Installation >20' To 25', Add	*19.05*	
		For Elevated Installation >25' To 30', Add	*26.67*	
		For Elevated Installation >30' To 35', Add	*30.48*	
		For Elevated Installation >35' To 40', Add	*38.10*	
		For Elevated Installation >40', Add	*41.90*	

26 05 33 13-0363 Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs *(26 05 33 13-0060)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0364	EA	1/2" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	25.98	10.55
		For Work In Restricted Working Space, Add	*6.33*	
		For Elevated Installation >10' To 15', Add	*2.11*	
		For Elevated Installation >15' To 20', Add	*4.22*	
		For Elevated Installation >20' To 25', Add	*5.28*	
		For Elevated Installation >25' To 30', Add	*7.39*	
		For Elevated Installation >30' To 35', Add	*8.44*	
		For Elevated Installation >35' To 40', Add	*10.55*	
		For Elevated Installation >40', Add	*11.61*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.33*	
26 05 33 13-0365	EA	3/4" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	28.96	11.72
		For Work In Restricted Working Space, Add	*7.04*	
		For Elevated Installation >10' To 15', Add	*2.35*	
		For Elevated Installation >15' To 20', Add	*4.69*	
		For Elevated Installation >20' To 25', Add	*5.86*	
		For Elevated Installation >25' To 30', Add	*8.21*	
		For Elevated Installation >30' To 35', Add	*9.38*	
		For Elevated Installation >35' To 40', Add	*11.73*	
		For Elevated Installation >40', Add	*12.90*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.04*	
26 05 33 13-0366	EA	1" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	35.76	14.66
		For Work In Restricted Working Space, Add	*8.79*	
		For Elevated Installation >10' To 15', Add	*2.93*	
		For Elevated Installation >15' To 20', Add	*5.86*	
		For Elevated Installation >20' To 25', Add	*7.33*	
		For Elevated Installation >25' To 30', Add	*10.26*	
		For Elevated Installation >30' To 35', Add	*11.72*	
		For Elevated Installation >35' To 40', Add	*14.65*	
		For Elevated Installation >40', Add	*16.12*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.79*	
26 05 33 13-0367	EA	1-1/4" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	43.94	17.58
		For Work In Restricted Working Space, Add	*10.55*	
		For Elevated Installation >10' To 15', Add	*3.52*	
		For Elevated Installation >15' To 20', Add	*7.03*	
		For Elevated Installation >20' To 25', Add	*8.79*	
		For Elevated Installation >25' To 30', Add	*12.31*	
		For Elevated Installation >30' To 35', Add	*14.06*	
		For Elevated Installation >35' To 40', Add	*17.58*	
		For Elevated Installation >40', Add	*19.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.55*	
26 05 33 13-0368	EA	1-1/2" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	56.53	23.45
		For Work In Restricted Working Space, Add	*14.06*	
		For Elevated Installation >10' To 15', Add	*4.69*	
		For Elevated Installation >15' To 20', Add	*9.38*	
		For Elevated Installation >20' To 25', Add	*11.72*	
		For Elevated Installation >25' To 30', Add	*16.41*	
		For Elevated Installation >30' To 35', Add	*18.75*	
		For Elevated Installation >35' To 40', Add	*23.44*	
		For Elevated Installation >40', Add	*25.78*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.06*	
26 05 33 13-0369	EA	2" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	65.64	26.37
		For Work In Restricted Working Space, Add	*15.83*	
		For Elevated Installation >10' To 15', Add	*5.28*	
		For Elevated Installation >15' To 20', Add	*10.55*	
		For Elevated Installation >20' To 25', Add	*13.19*	
		For Elevated Installation >25' To 30', Add	*18.46*	
		For Elevated Installation >30' To 35', Add	*21.10*	
		For Elevated Installation >35' To 40', Add	*26.38*	
		For Elevated Installation >40', Add	*29.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.83*	
26 05 33 13-0370	EA	2-1/2" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	80.50	29.30
		For Work In Restricted Working Space, Add	*17.58*	
		For Elevated Installation >10' To 15', Add	*5.86*	
		For Elevated Installation >15' To 20', Add	*11.72*	
		For Elevated Installation >20' To 25', Add	*14.65*	
		For Elevated Installation >25' To 30', Add	*20.51*	
		For Elevated Installation >30' To 35', Add	*23.44*	
		For Elevated Installation >35' To 40', Add	*29.31*	
		For Elevated Installation >40', Add	*32.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.58*	
26 05 33 13-0371	EA	3" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	108.17	36.92
		For Work In Restricted Working Space, Add	*22.16*	
		For Elevated Installation >10' To 15', Add	*7.39*	
		For Elevated Installation >15' To 20', Add	*14.77*	
		For Elevated Installation >20' To 25', Add	*18.46*	
		For Elevated Installation >25' To 30', Add	*25.85*	
		For Elevated Installation >30' To 35', Add	*29.54*	
		For Elevated Installation >35' To 40', Add	*36.93*	
		For Elevated Installation >40', Add	*40.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0372	EA	3-1/2" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	128.48	44.55
		For Work In Restricted Working Space, Add	*26.72*	
		For Elevated Installation >10' To 15', Add	*8.91*	
		For Elevated Installation >15' To 20', Add	*17.82*	
		For Elevated Installation >20' To 25', Add	*22.27*	
		For Elevated Installation >25' To 30', Add	*31.18*	
		For Elevated Installation >30' To 35', Add	*35.63*	
		For Elevated Installation >35' To 40', Add	*44.54*	
		For Elevated Installation >40', Add	*48.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*26.72*	
26 05 33 13-0373	EA	4" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	157.44	52.75
		For Work In Restricted Working Space, Add	*31.65*	
		For Elevated Installation >10' To 15', Add	*10.55*	
		For Elevated Installation >15' To 20', Add	*21.10*	
		For Elevated Installation >20' To 25', Add	*26.37*	
		For Elevated Installation >25' To 30', Add	*36.92*	
		For Elevated Installation >30' To 35', Add	*42.20*	
		For Elevated Installation >35' To 40', Add	*52.75*	
		For Elevated Installation >40', Add	*58.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.65*	

26 05 33 13-0374 Rigid Galvanized Steel (RGS) Expansion Fittings, 4" Conduit Movement *(26 05 33 13-0060)*

Note: Type AX

26 05 33 13-0375	EA	1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	122.76	18.75
		For Work In Restricted Working Space, Add	*14.07*	
		For Elevated Installation >10' To 15', Add	*4.69*	
		For Elevated Installation >15' To 20', Add	*9.38*	
		For Elevated Installation >20' To 25', Add	*11.72*	
		For Elevated Installation >25' To 30', Add	*16.41*	
		For Elevated Installation >30' To 35', Add	*18.76*	
		For Elevated Installation >35' To 40', Add	*23.45*	
		For Elevated Installation >40', Add	*25.79*	
26 05 33 13-0376	EA	3/4" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	139.36	21.10
		For Work In Restricted Working Space, Add	*15.83*	
		For Elevated Installation >10' To 15', Add	*5.28*	
		For Elevated Installation >15' To 20', Add	*10.55*	
		For Elevated Installation >20' To 25', Add	*13.19*	
		For Elevated Installation >25' To 30', Add	*18.46*	
		For Elevated Installation >30' To 35', Add	*21.10*	
		For Elevated Installation >35' To 40', Add	*26.38*	
		For Elevated Installation >40', Add	*29.01*	
26 05 33 13-0377	EA	1" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	165.16	23.45
		For Work In Restricted Working Space, Add	*17.58*	
		For Elevated Installation >10' To 15', Add	*5.86*	
		For Elevated Installation >15' To 20', Add	*11.72*	
		For Elevated Installation >20' To 25', Add	*14.65*	
		For Elevated Installation >25' To 30', Add	*20.51*	
		For Elevated Installation >30' To 35', Add	*23.44*	
		For Elevated Installation >35' To 40', Add	*29.31*	
		For Elevated Installation >40', Add	*32.24*	
26 05 33 13-0378	EA	1-1/4" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	202.48	25.79
		For Work In Restricted Working Space, Add	*19.34*	
		For Elevated Installation >10' To 15', Add	*6.45*	
		For Elevated Installation >15' To 20', Add	*12.89*	
		For Elevated Installation >20' To 25', Add	*16.12*	
		For Elevated Installation >25' To 30', Add	*22.56*	
		For Elevated Installation >30' To 35', Add	*25.79*	
		For Elevated Installation >35' To 40', Add	*32.24*	
		For Elevated Installation >40', Add	*35.46*	
26 05 33 13-0379	EA	1-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	254.77	28.13
		For Work In Restricted Working Space, Add	*21.10*	
		For Elevated Installation >10' To 15', Add	*7.03*	
		For Elevated Installation >15' To 20', Add	*14.07*	
		For Elevated Installation >20' To 25', Add	*17.58*	
		For Elevated Installation >25' To 30', Add	*24.62*	
		For Elevated Installation >30' To 35', Add	*28.13*	
		For Elevated Installation >35' To 40', Add	*35.17*	
		For Elevated Installation >40', Add	*38.68*	
26 05 33 13-0380	EA	2" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	352.83	30.47
		For Work In Restricted Working Space, Add	*22.85*	
		For Elevated Installation >10' To 15', Add	*7.62*	
		For Elevated Installation >15' To 20', Add	*15.24*	
		For Elevated Installation >20' To 25', Add	*19.05*	
		For Elevated Installation >25' To 30', Add	*26.66*	
		For Elevated Installation >30' To 35', Add	*30.47*	
		For Elevated Installation >35' To 40', Add	*38.09*	
		For Elevated Installation >40', Add	*41.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0381	EA	2-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	540.99	37.51
		For Work In Restricted Working Space, Add	*28.13*	
		For Elevated Installation >10' To 15', Add	*9.38*	
		For Elevated Installation >15' To 20', Add	*18.75*	
		For Elevated Installation >20' To 25', Add	*23.44*	
		For Elevated Installation >25' To 30', Add	*32.82*	
		For Elevated Installation >30' To 35', Add	*37.51*	
		For Elevated Installation >35' To 40', Add	*46.89*	
		For Elevated Installation >40', Add	*51.57*	
26 05 33 13-0382	EA	3" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	693.22	46.88
		For Work In Restricted Working Space, Add	*35.17*	
		For Elevated Installation >10' To 15', Add	*11.72*	
		For Elevated Installation >15' To 20', Add	*23.44*	
		For Elevated Installation >20' To 25', Add	*29.31*	
		For Elevated Installation >25' To 30', Add	*41.03*	
		For Elevated Installation >30' To 35', Add	*46.89*	
		For Elevated Installation >35' To 40', Add	*58.61*	
		For Elevated Installation >40', Add	*64.47*	
26 05 33 13-0383	EA	3-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	1,012.93	56.27
		For Work In Restricted Working Space, Add	*42.20*	
		For Elevated Installation >10' To 15', Add	*14.07*	
		For Elevated Installation >15' To 20', Add	*28.13*	
		For Elevated Installation >20' To 25', Add	*35.17*	
		For Elevated Installation >25' To 30', Add	*49.23*	
		For Elevated Installation >30' To 35', Add	*56.27*	
		For Elevated Installation >35' To 40', Add	*70.34*	
		For Elevated Installation >40', Add	*77.37*	
26 05 33 13-0384	EA	4" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	1,079.70	60.96
		For Work In Restricted Working Space, Add	*45.71*	
		For Elevated Installation >10' To 15', Add	*15.24*	
		For Elevated Installation >15' To 20', Add	*30.47*	
		For Elevated Installation >20' To 25', Add	*38.09*	
		For Elevated Installation >25' To 30', Add	*53.33*	
		For Elevated Installation >30' To 35', Add	*60.95*	
		For Elevated Installation >35' To 40', Add	*76.19*	
		For Elevated Installation >40', Add	*83.80*	
26 05 33 13-0385	EA	5" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	1,655.19	75.02
		For Work In Restricted Working Space, Add	*56.27*	
		For Elevated Installation >10' To 15', Add	*18.76*	
		For Elevated Installation >15' To 20', Add	*37.51*	
		For Elevated Installation >20' To 25', Add	*46.89*	
		For Elevated Installation >25' To 30', Add	*65.64*	
		For Elevated Installation >30' To 35', Add	*75.02*	
		For Elevated Installation >35' To 40', Add	*93.78*	
		For Elevated Installation >40', Add	*103.15*	
26 05 33 13-0386	EA	6" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	2,033.96	83.22
		For Work In Restricted Working Space, Add	*62.45*	
		For Elevated Installation >10' To 15', Add	*20.82*	
		For Elevated Installation >15' To 20', Add	*41.64*	
		For Elevated Installation >20' To 25', Add	*52.05*	
		For Elevated Installation >25' To 30', Add	*72.86*	
		For Elevated Installation >30' To 35', Add	*83.27*	
		For Elevated Installation >35' To 40', Add	*104.09*	
		For Elevated Installation >40', Add	*114.50*	

26 05 33 13-0387 Rigid Galvanized Steel (RGS) Expansion Fittings, 8" Conduit Movement *(26 05 33 13-0060)*

Note: Type AX-8

26 05 33 13-0388	EA	1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	135.44	18.75
		For Work In Restricted Working Space, Add	*14.07*	
		For Elevated Installation >10' To 15', Add	*4.69*	
		For Elevated Installation >15' To 20', Add	*9.38*	
		For Elevated Installation >20' To 25', Add	*11.72*	
		For Elevated Installation >25' To 30', Add	*16.41*	
		For Elevated Installation >30' To 35', Add	*18.76*	
		For Elevated Installation >35' To 40', Add	*23.45*	
		For Elevated Installation >40', Add	*25.79*	
26 05 33 13-0389	EA	3/4" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	150.59	21.10
		For Work In Restricted Working Space, Add	*15.83*	
		For Elevated Installation >10' To 15', Add	*5.28*	
		For Elevated Installation >15' To 20', Add	*10.55*	
		For Elevated Installation >20' To 25', Add	*13.19*	
		For Elevated Installation >25' To 30', Add	*18.46*	
		For Elevated Installation >30' To 35', Add	*21.10*	
		For Elevated Installation >35' To 40', Add	*26.38*	
		For Elevated Installation >40', Add	*29.01*	
26 05 33 13-0390	EA	1" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	182.79	23.45
		For Work In Restricted Working Space, Add	*17.58*	
		For Elevated Installation >10' To 15', Add	*5.86*	
		For Elevated Installation >15' To 20', Add	*11.72*	
		For Elevated Installation >20' To 25', Add	*14.65*	
		For Elevated Installation >25' To 30', Add	*20.51*	
		For Elevated Installation >30' To 35', Add	*23.44*	
		For Elevated Installation >35' To 40', Add	*29.31*	
		For Elevated Installation >40', Add	*32.24*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0391	EA	1-1/4" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	230.25	25.79
		For Work In Restricted Working Space, Add	*19.34*	
		For Elevated Installation >10' To 15', Add	*6.45*	
		For Elevated Installation >15' To 20', Add	*12.89*	
		For Elevated Installation >20' To 25', Add	*16.12*	
		For Elevated Installation >25' To 30', Add	*22.56*	
		For Elevated Installation >30' To 35', Add	*25.79*	
		For Elevated Installation >35' To 40', Add	*32.24*	
		For Elevated Installation >40', Add	*35.46*	
26 05 33 13-0392	EA	1-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	309.95	28.13
		For Work In Restricted Working Space, Add	*21.10*	
		For Elevated Installation >10' To 15', Add	*7.03*	
		For Elevated Installation >15' To 20', Add	*14.07*	
		For Elevated Installation >20' To 25', Add	*17.58*	
		For Elevated Installation >25' To 30', Add	*24.62*	
		For Elevated Installation >30' To 35', Add	*28.13*	
		For Elevated Installation >35' To 40', Add	*35.17*	
		For Elevated Installation >40', Add	*38.68*	
26 05 33 13-0393	EA	2" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	379.20	30.47
		For Work In Restricted Working Space, Add	*22.85*	
		For Elevated Installation >10' To 15', Add	*7.62*	
		For Elevated Installation >15' To 20', Add	*15.24*	
		For Elevated Installation >20' To 25', Add	*19.05*	
		For Elevated Installation >25' To 30', Add	*26.66*	
		For Elevated Installation >30' To 35', Add	*30.47*	
		For Elevated Installation >35' To 40', Add	*38.09*	
		For Elevated Installation >40', Add	*41.90*	
26 05 33 13-0394	EA	2-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	711.92	37.51
		For Work In Restricted Working Space, Add	*28.13*	
		For Elevated Installation >10' To 15', Add	*9.38*	
		For Elevated Installation >15' To 20', Add	*18.75*	
		For Elevated Installation >20' To 25', Add	*23.44*	
		For Elevated Installation >25' To 30', Add	*32.82*	
		For Elevated Installation >30' To 35', Add	*37.51*	
		For Elevated Installation >35' To 40', Add	*46.89*	
		For Elevated Installation >40', Add	*51.57*	
26 05 33 13-0395	EA	3" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	809.94	46.88
		For Work In Restricted Working Space, Add	*35.17*	
		For Elevated Installation >10' To 15', Add	*11.72*	
		For Elevated Installation >15' To 20', Add	*23.44*	
		For Elevated Installation >20' To 25', Add	*29.31*	
		For Elevated Installation >25' To 30', Add	*41.03*	
		For Elevated Installation >30' To 35', Add	*46.89*	
		For Elevated Installation >35' To 40', Add	*58.61*	
		For Elevated Installation >40', Add	*64.47*	
26 05 33 13-0396	EA	3-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	1,243.59	56.27
		For Work In Restricted Working Space, Add	*42.20*	
		For Elevated Installation >10' To 15', Add	*14.07*	
		For Elevated Installation >15' To 20', Add	*28.13*	
		For Elevated Installation >20' To 25', Add	*35.17*	
		For Elevated Installation >25' To 30', Add	*49.23*	
		For Elevated Installation >30' To 35', Add	*56.27*	
		For Elevated Installation >35' To 40', Add	*70.34*	
		For Elevated Installation >40', Add	*77.37*	
26 05 33 13-0397	EA	4" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	1,346.30	60.96
		For Work In Restricted Working Space, Add	*45.71*	
		For Elevated Installation >10' To 15', Add	*15.24*	
		For Elevated Installation >15' To 20', Add	*30.47*	
		For Elevated Installation >20' To 25', Add	*38.09*	
		For Elevated Installation >25' To 30', Add	*53.33*	
		For Elevated Installation >30' To 35', Add	*60.95*	
		For Elevated Installation >35' To 40', Add	*76.19*	
		For Elevated Installation >40', Add	*83.80*	
26 05 33 13-0398	EA	5" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	1,879.92	75.02
		For Work In Restricted Working Space, Add	*56.27*	
		For Elevated Installation >10' To 15', Add	*18.76*	
		For Elevated Installation >15' To 20', Add	*37.51*	
		For Elevated Installation >20' To 25', Add	*46.89*	
		For Elevated Installation >25' To 30', Add	*65.64*	
		For Elevated Installation >30' To 35', Add	*75.02*	
		For Elevated Installation >35' To 40', Add	*93.78*	
		For Elevated Installation >40', Add	*103.15*	
26 05 33 13-0399	EA	6" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	2,323.09	83.22
		For Work In Restricted Working Space, Add	*62.45*	
		For Elevated Installation >10' To 15', Add	*20.82*	
		For Elevated Installation >15' To 20', Add	*41.64*	
		For Elevated Installation >20' To 25', Add	*52.05*	
		For Elevated Installation >25' To 30', Add	*72.86*	
		For Elevated Installation >30' To 35', Add	*83.27*	
		For Elevated Installation >35' To 40', Add	*104.09*	
		For Elevated Installation >40', Add	*114.50*	

26 05 33 13-0400 Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fittings, 8" Conduit Movement *(26 05 33 13-0060)*

Note: Type EX

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0401	EA	1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	154.00	18.75
		For Work In Restricted Working Space, Add	*14.07*	
		For Elevated Installation >10' To 15', Add	*4.69*	
		For Elevated Installation >15' To 20', Add	*9.38*	
		For Elevated Installation >20' To 25', Add	*11.72*	
		For Elevated Installation >25' To 30', Add	*16.41*	
		For Elevated Installation >30' To 35', Add	*18.76*	
		For Elevated Installation >35' To 40', Add	*23.45*	
		For Elevated Installation >40', Add	*25.79*	
26 05 33 13-0402	EA	3/4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	194.36	21.10
		For Work In Restricted Working Space, Add	*15.83*	
		For Elevated Installation >10' To 15', Add	*5.28*	
		For Elevated Installation >15' To 20', Add	*10.55*	
		For Elevated Installation >20' To 25', Add	*13.19*	
		For Elevated Installation >25' To 30', Add	*18.46*	
		For Elevated Installation >30' To 35', Add	*21.10*	
		For Elevated Installation >35' To 40', Add	*26.38*	
		For Elevated Installation >40', Add	*29.01*	
26 05 33 13-0403	EA	1" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	241.91	23.45
		For Work In Restricted Working Space, Add	*17.58*	
		For Elevated Installation >10' To 15', Add	*5.86*	
		For Elevated Installation >15' To 20', Add	*11.72*	
		For Elevated Installation >20' To 25', Add	*14.65*	
		For Elevated Installation >25' To 30', Add	*20.51*	
		For Elevated Installation >30' To 35', Add	*23.44*	
		For Elevated Installation >35' To 40', Add	*29.31*	
		For Elevated Installation >40', Add	*32.24*	
26 05 33 13-0404	EA	1-1/4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	294.27	25.79
		For Work In Restricted Working Space, Add	*19.34*	
		For Elevated Installation >10' To 15', Add	*6.45*	
		For Elevated Installation >15' To 20', Add	*12.89*	
		For Elevated Installation >20' To 25', Add	*16.12*	
		For Elevated Installation >25' To 30', Add	*22.56*	
		For Elevated Installation >30' To 35', Add	*25.79*	
		For Elevated Installation >35' To 40', Add	*32.24*	
		For Elevated Installation >40', Add	*35.46*	
26 05 33 13-0405	EA	1-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	396.63	28.13
		For Work In Restricted Working Space, Add	*21.10*	
		For Elevated Installation >10' To 15', Add	*7.03*	
		For Elevated Installation >15' To 20', Add	*14.07*	
		For Elevated Installation >20' To 25', Add	*17.58*	
		For Elevated Installation >25' To 30', Add	*24.62*	
		For Elevated Installation >30' To 35', Add	*28.13*	
		For Elevated Installation >35' To 40', Add	*35.17*	
		For Elevated Installation >40', Add	*38.68*	
26 05 33 13-0406	EA	2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	546.71	30.47
		For Work In Restricted Working Space, Add	*22.85*	
		For Elevated Installation >10' To 15', Add	*7.62*	
		For Elevated Installation >15' To 20', Add	*15.24*	
		For Elevated Installation >20' To 25', Add	*19.05*	
		For Elevated Installation >25' To 30', Add	*26.66*	
		For Elevated Installation >30' To 35', Add	*30.47*	
		For Elevated Installation >35' To 40', Add	*38.09*	
		For Elevated Installation >40', Add	*41.90*	
26 05 33 13-0407	EA	2-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	849.83	37.51
		For Work In Restricted Working Space, Add	*28.13*	
		For Elevated Installation >10' To 15', Add	*9.38*	
		For Elevated Installation >15' To 20', Add	*18.75*	
		For Elevated Installation >20' To 25', Add	*23.44*	
		For Elevated Installation >25' To 30', Add	*32.82*	
		For Elevated Installation >30' To 35', Add	*37.51*	
		For Elevated Installation >35' To 40', Add	*46.89*	
		For Elevated Installation >40', Add	*51.57*	
26 05 33 13-0408	EA	3" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	1,145.73	46.88
		For Work In Restricted Working Space, Add	*35.17*	
		For Elevated Installation >10' To 15', Add	*11.72*	
		For Elevated Installation >15' To 20', Add	*23.44*	
		For Elevated Installation >20' To 25', Add	*29.31*	
		For Elevated Installation >25' To 30', Add	*41.03*	
		For Elevated Installation >30' To 35', Add	*46.89*	
		For Elevated Installation >35' To 40', Add	*58.61*	
		For Elevated Installation >40', Add	*64.47*	
26 05 33 13-0409	EA	3-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	1,721.19	56.27
		For Work In Restricted Working Space, Add	*42.20*	
		For Elevated Installation >10' To 15', Add	*14.07*	
		For Elevated Installation >15' To 20', Add	*28.13*	
		For Elevated Installation >20' To 25', Add	*35.17*	
		For Elevated Installation >25' To 30', Add	*49.23*	
		For Elevated Installation >30' To 35', Add	*56.27*	
		For Elevated Installation >35' To 40', Add	*70.34*	
		For Elevated Installation >40', Add	*77.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0410	EA	4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	1,781.33	60.96
		For Work In Restricted Working Space, Add	*45.71*	
		For Elevated Installation >10' To 15', Add	*15.24*	
		For Elevated Installation >15' To 20', Add	*30.47*	
		For Elevated Installation >20' To 25', Add	*38.09*	
		For Elevated Installation >25' To 30', Add	*53.33*	
		For Elevated Installation >30' To 35', Add	*60.95*	
		For Elevated Installation >35' To 40', Add	*76.19*	
		For Elevated Installation >40', Add	*83.80*	
26 05 33 13-0411	EA	5" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	2,681.82	75.02
		For Work In Restricted Working Space, Add	*56.27*	
		For Elevated Installation >10' To 15', Add	*18.76*	
		For Elevated Installation >15' To 20', Add	*37.51*	
		For Elevated Installation >20' To 25', Add	*46.89*	
		For Elevated Installation >25' To 30', Add	*65.64*	
		For Elevated Installation >30' To 35', Add	*75.02*	
		For Elevated Installation >35' To 40', Add	*93.78*	
		For Elevated Installation >40', Add	*103.15*	
26 05 33 13-0412	EA	6" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	3,325.21	83.22
		For Work In Restricted Working Space, Add	*62.45*	
		For Elevated Installation >10' To 15', Add	*20.82*	
		For Elevated Installation >15' To 20', Add	*41.64*	
		For Elevated Installation >20' To 25', Add	*52.05*	
		For Elevated Installation >25' To 30', Add	*72.86*	
		For Elevated Installation >30' To 35', Add	*83.27*	
		For Elevated Installation >35' To 40', Add	*104.09*	
		For Elevated Installation >40', Add	*114.50*	

26 05 33 13-0413 Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fittings *(26 05 33 13-0060)*

Note: Type DX

26 05 33 13-0414	EA	1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	268.47	18.75
		For Work In Restricted Working Space, Add	*14.07*	
		For Elevated Installation >10' To 15', Add	*4.69*	
		For Elevated Installation >15' To 20', Add	*9.38*	
		For Elevated Installation >20' To 25', Add	*11.72*	
		For Elevated Installation >25' To 30', Add	*16.41*	
		For Elevated Installation >30' To 35', Add	*18.76*	
		For Elevated Installation >35' To 40', Add	*23.45*	
		For Elevated Installation >40', Add	*25.79*	
26 05 33 13-0415	EA	3/4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	319.89	21.10
		For Work In Restricted Working Space, Add	*15.83*	
		For Elevated Installation >10' To 15', Add	*5.28*	
		For Elevated Installation >15' To 20', Add	*10.55*	
		For Elevated Installation >20' To 25', Add	*13.19*	
		For Elevated Installation >25' To 30', Add	*18.46*	
		For Elevated Installation >30' To 35', Add	*21.10*	
		For Elevated Installation >35' To 40', Add	*26.38*	
		For Elevated Installation >40', Add	*29.01*	
26 05 33 13-0416	EA	1" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	386.78	23.45
		For Work In Restricted Working Space, Add	*17.58*	
		For Elevated Installation >10' To 15', Add	*5.86*	
		For Elevated Installation >15' To 20', Add	*11.72*	
		For Elevated Installation >20' To 25', Add	*14.65*	
		For Elevated Installation >25' To 30', Add	*20.51*	
		For Elevated Installation >30' To 35', Add	*23.44*	
		For Elevated Installation >35' To 40', Add	*29.31*	
		For Elevated Installation >40', Add	*32.24*	
26 05 33 13-0417	EA	1-1/4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	454.78	25.79
		For Work In Restricted Working Space, Add	*19.34*	
		For Elevated Installation >10' To 15', Add	*6.45*	
		For Elevated Installation >15' To 20', Add	*12.89*	
		For Elevated Installation >20' To 25', Add	*16.12*	
		For Elevated Installation >25' To 30', Add	*22.56*	
		For Elevated Installation >30' To 35', Add	*25.79*	
		For Elevated Installation >35' To 40', Add	*32.24*	
		For Elevated Installation >40', Add	*35.46*	
26 05 33 13-0418	EA	1-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	502.94	28.13
		For Work In Restricted Working Space, Add	*21.10*	
		For Elevated Installation >10' To 15', Add	*7.03*	
		For Elevated Installation >15' To 20', Add	*14.07*	
		For Elevated Installation >20' To 25', Add	*17.58*	
		For Elevated Installation >25' To 30', Add	*24.62*	
		For Elevated Installation >30' To 35', Add	*28.13*	
		For Elevated Installation >35' To 40', Add	*35.17*	
		For Elevated Installation >40', Add	*38.68*	
26 05 33 13-0419	EA	2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	621.78	30.47
		For Work In Restricted Working Space, Add	*22.85*	
		For Elevated Installation >10' To 15', Add	*7.62*	
		For Elevated Installation >15' To 20', Add	*15.24*	
		For Elevated Installation >20' To 25', Add	*19.05*	
		For Elevated Installation >25' To 30', Add	*26.66*	
		For Elevated Installation >30' To 35', Add	*30.47*	
		For Elevated Installation >35' To 40', Add	*38.09*	
		For Elevated Installation >40', Add	*41.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0420	EA	2-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	821.96	37.51
		For Work In Restricted Working Space, Add	*28.13*	
		For Elevated Installation >10' To 15', Add	*9.38*	
		For Elevated Installation >15' To 20', Add	*18.75*	
		For Elevated Installation >20' To 25', Add	*23.44*	
		For Elevated Installation >25' To 30', Add	*32.82*	
		For Elevated Installation >30' To 35', Add	*37.51*	
		For Elevated Installation >35' To 40', Add	*46.89*	
		For Elevated Installation >40', Add	*51.57*	
26 05 33 13-0421	EA	3" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	1,042.45	46.88
		For Work In Restricted Working Space, Add	*35.17*	
		For Elevated Installation >10' To 15', Add	*11.72*	
		For Elevated Installation >15' To 20', Add	*23.44*	
		For Elevated Installation >20' To 25', Add	*29.31*	
		For Elevated Installation >25' To 30', Add	*41.03*	
		For Elevated Installation >30' To 35', Add	*46.89*	
		For Elevated Installation >35' To 40', Add	*58.61*	
		For Elevated Installation >40', Add	*64.47*	
26 05 33 13-0422	EA	3-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	1,172.78	56.27
		For Work In Restricted Working Space, Add	*42.20*	
		For Elevated Installation >10' To 15', Add	*14.07*	
		For Elevated Installation >15' To 20', Add	*28.13*	
		For Elevated Installation >20' To 25', Add	*35.17*	
		For Elevated Installation >25' To 30', Add	*49.23*	
		For Elevated Installation >30' To 35', Add	*56.27*	
		For Elevated Installation >35' To 40', Add	*70.34*	
		For Elevated Installation >40', Add	*77.37*	
26 05 33 13-0423	EA	4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	1,422.49	60.96
		For Work In Restricted Working Space, Add	*45.71*	
		For Elevated Installation >10' To 15', Add	*15.24*	
		For Elevated Installation >15' To 20', Add	*30.47*	
		For Elevated Installation >20' To 25', Add	*38.09*	
		For Elevated Installation >25' To 30', Add	*53.33*	
		For Elevated Installation >30' To 35', Add	*60.95*	
		For Elevated Installation >35' To 40', Add	*76.19*	
		For Elevated Installation >40', Add	*83.80*	
26 05 33 13-0424	EA	5" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	2,434.37	75.02
		For Work In Restricted Working Space, Add	*56.27*	
		For Elevated Installation >10' To 15', Add	*18.76*	
		For Elevated Installation >15' To 20', Add	*37.51*	
		For Elevated Installation >20' To 25', Add	*46.89*	
		For Elevated Installation >25' To 30', Add	*65.64*	
		For Elevated Installation >30' To 35', Add	*75.02*	
		For Elevated Installation >35' To 40', Add	*93.78*	
		For Elevated Installation >40', Add	*103.15*	
26 05 33 13-0425	EA	6" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	3,872.43	83.22
		For Work In Restricted Working Space, Add	*62.45*	
		For Elevated Installation >10' To 15', Add	*20.82*	
		For Elevated Installation >15' To 20', Add	*41.64*	
		For Elevated Installation >20' To 25', Add	*52.05*	
		For Elevated Installation >25' To 30', Add	*72.86*	
		For Elevated Installation >30' To 35', Add	*83.27*	
		For Elevated Installation >35' To 40', Add	*104.09*	
		For Elevated Installation >40', Add	*114.50*	

26 05 33 13-0426 Rigid Galvanized Steel (RGS) Conduit Bonding Jumpers *(26 05 33 13-0060)*

26 05 33 13-0427	EA	1/2" To 3/4" Conduit, 14" Bonding Jumper	69.13	9.37
		For Work In Restricted Working Space, Add	*7.04*	
		For Elevated Installation >10' To 15', Add	*2.35*	
		For Elevated Installation >15' To 20', Add	*4.69*	
		For Elevated Installation >20' To 25', Add	*5.86*	
		For Elevated Installation >25' To 30', Add	*8.21*	
		For Elevated Installation >30' To 35', Add	*9.38*	
		For Elevated Installation >35' To 40', Add	*11.73*	
		For Elevated Installation >40', Add	*12.90*	
26 05 33 13-0428	EA	1" To 1-1/4" Conduit, 14" Bonding Jumper	79.61	11.72
		For Work In Restricted Working Space, Add	*8.79*	
		For Elevated Installation >10' To 15', Add	*2.93*	
		For Elevated Installation >15' To 20', Add	*5.86*	
		For Elevated Installation >20' To 25', Add	*7.33*	
		For Elevated Installation >25' To 30', Add	*10.26*	
		For Elevated Installation >30' To 35', Add	*11.72*	
		For Elevated Installation >35' To 40', Add	*14.66*	
		For Elevated Installation >40', Add	*16.12*	
26 05 33 13-0429	EA	1-1/2" To 2" Conduit, 14" Bonding Jumper	98.15	14.06
		For Work In Restricted Working Space, Add	*10.55*	
		For Elevated Installation >10' To 15', Add	*3.52*	
		For Elevated Installation >15' To 20', Add	*7.03*	
		For Elevated Installation >20' To 25', Add	*8.79*	
		For Elevated Installation >25' To 30', Add	*12.31*	
		For Elevated Installation >30' To 35', Add	*14.06*	
		For Elevated Installation >35' To 40', Add	*17.58*	
		For Elevated Installation >40', Add	*19.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0430	EA	2-1/2" To 3" Conduit, 14" Bonding Jumper	137.91	18.75
		For Work In Restricted Working Space, Add	*14.06*	
		For Elevated Installation >10' To 15', Add	*4.69*	
		For Elevated Installation >15' To 20', Add	*9.38*	
		For Elevated Installation >20' To 25', Add	*11.72*	
		For Elevated Installation >25' To 30', Add	*16.41*	
		For Elevated Installation >30' To 35', Add	*18.75*	
		For Elevated Installation >35' To 40', Add	*23.44*	
		For Elevated Installation >40', Add	*25.78*	
26 05 33 13-0431	EA	3-1/2" To 4" Conduit, 14" Bonding Jumper	208.97	28.13
		For Work In Restricted Working Space, Add	*21.10*	
		For Elevated Installation >10' To 15', Add	*7.03*	
		For Elevated Installation >15' To 20', Add	*14.07*	
		For Elevated Installation >20' To 25', Add	*17.59*	
		For Elevated Installation >25' To 30', Add	*24.62*	
		For Elevated Installation >30' To 35', Add	*28.14*	
		For Elevated Installation >35' To 40', Add	*35.17*	
		For Elevated Installation >40', Add	*38.69*	
26 05 33 13-0432	EA	5" To 6" Conduit, 14" Bonding Jumper	357.16	37.51
		For Work In Restricted Working Space, Add	*28.13*	
		For Elevated Installation >10' To 15', Add	*9.38*	
		For Elevated Installation >15' To 20', Add	*18.75*	
		For Elevated Installation >20' To 25', Add	*23.44*	
		For Elevated Installation >25' To 30', Add	*32.82*	
		For Elevated Installation >30' To 35', Add	*37.51*	
		For Elevated Installation >35' To 40', Add	*46.89*	
		For Elevated Installation >40', Add	*51.57*	
26 05 33 13-0433	EA	1/2" To 3/4" Conduit, 24" Bonding Jumper	76.96	9.37
		For Work In Restricted Working Space, Add	*7.04*	
		For Elevated Installation >10' To 15', Add	*2.35*	
		For Elevated Installation >15' To 20', Add	*4.69*	
		For Elevated Installation >20' To 25', Add	*5.86*	
		For Elevated Installation >25' To 30', Add	*8.21*	
		For Elevated Installation >30' To 35', Add	*9.38*	
		For Elevated Installation >35' To 40', Add	*11.73*	
		For Elevated Installation >40', Add	*12.90*	
26 05 33 13-0434	EA	1" To 1-1/4" Conduit, 24" Bonding Jumper	89.50	11.72
		For Work In Restricted Working Space, Add	*8.79*	
		For Elevated Installation >10' To 15', Add	*2.93*	
		For Elevated Installation >15' To 20', Add	*5.86*	
		For Elevated Installation >20' To 25', Add	*7.33*	
		For Elevated Installation >25' To 30', Add	*10.26*	
		For Elevated Installation >30' To 35', Add	*11.72*	
		For Elevated Installation >35' To 40', Add	*14.66*	
		For Elevated Installation >40', Add	*16.12*	
26 05 33 13-0435	EA	1-1/2" To 2" Conduit, 24" Bonding Jumper	107.21	14.06
		For Work In Restricted Working Space, Add	*10.55*	
		For Elevated Installation >10' To 15', Add	*3.52*	
		For Elevated Installation >15' To 20', Add	*7.03*	
		For Elevated Installation >20' To 25', Add	*8.79*	
		For Elevated Installation >25' To 30', Add	*12.31*	
		For Elevated Installation >30' To 35', Add	*14.06*	
		For Elevated Installation >35' To 40', Add	*17.58*	
		For Elevated Installation >40', Add	*19.34*	
26 05 33 13-0436	EA	2-1/2" To 3" Conduit, 24" Bonding Jumper	149.93	18.75
		For Work In Restricted Working Space, Add	*14.06*	
		For Elevated Installation >10' To 15', Add	*4.69*	
		For Elevated Installation >15' To 20', Add	*9.38*	
		For Elevated Installation >20' To 25', Add	*11.72*	
		For Elevated Installation >25' To 30', Add	*16.41*	
		For Elevated Installation >30' To 35', Add	*18.75*	
		For Elevated Installation >35' To 40', Add	*23.44*	
		For Elevated Installation >40', Add	*25.78*	
26 05 33 13-0437	EA	3-1/2" To 4" Conduit, 24" Bonding Jumper	224.92	28.13
		For Work In Restricted Working Space, Add	*21.10*	
		For Elevated Installation >10' To 15', Add	*7.03*	
		For Elevated Installation >15' To 20', Add	*14.07*	
		For Elevated Installation >20' To 25', Add	*17.59*	
		For Elevated Installation >25' To 30', Add	*24.62*	
		For Elevated Installation >30' To 35', Add	*28.14*	
		For Elevated Installation >35' To 40', Add	*35.17*	
		For Elevated Installation >40', Add	*38.69*	
26 05 33 13-0438	EA	5" To 6" Conduit, 24" Bonding Jumper	408.59	37.51
		For Work In Restricted Working Space, Add	*28.13*	
		For Elevated Installation >10' To 15', Add	*9.38*	
		For Elevated Installation >15' To 20', Add	*18.75*	
		For Elevated Installation >20' To 25', Add	*23.44*	
		For Elevated Installation >25' To 30', Add	*32.82*	
		For Elevated Installation >30' To 35', Add	*37.51*	
		For Elevated Installation >35' To 40', Add	*46.89*	
		For Elevated Installation >40', Add	*51.57*	

26 05 33 13-0439 Rigid Galvanized Steel (RGS) Sealing Fittings, Vertical/Horizontal *(26 05 33 13-0060)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0440	EA	1/2" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	99.38	29.30
		For Work In Restricted Working Space, Add	*17.58*	
		For Elevated Installation >10' To 15', Add	*5.86*	
		For Elevated Installation >15' To 20', Add	*11.72*	
		For Elevated Installation >20' To 25', Add	*14.65*	
		For Elevated Installation >25' To 30', Add	*20.51*	
		For Elevated Installation >30' To 35', Add	*23.44*	
		For Elevated Installation >35' To 40', Add	*29.31*	
		For Elevated Installation >40', Add	*32.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.58*	
26 05 33 13-0441	EA	3/4" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	118.22	35.16
		For Work In Restricted Working Space, Add	*21.10*	
		For Elevated Installation >10' To 15', Add	*7.03*	
		For Elevated Installation >15' To 20', Add	*14.07*	
		For Elevated Installation >20' To 25', Add	*17.58*	
		For Elevated Installation >25' To 30', Add	*24.62*	
		For Elevated Installation >30' To 35', Add	*28.13*	
		For Elevated Installation >35' To 40', Add	*35.17*	
		For Elevated Installation >40', Add	*38.68*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.10*	
26 05 33 13-0442	EA	1" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	143.59	41.03
		For Work In Restricted Working Space, Add	*24.62*	
		For Elevated Installation >10' To 15', Add	*8.21*	
		For Elevated Installation >15' To 20', Add	*16.41*	
		For Elevated Installation >20' To 25', Add	*20.51*	
		For Elevated Installation >25' To 30', Add	*28.72*	
		For Elevated Installation >30' To 35', Add	*32.82*	
		For Elevated Installation >35' To 40', Add	*41.03*	
		For Elevated Installation >40', Add	*45.13*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.62*	
26 05 33 13-0443	EA	1-1/4" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	168.51	46.88
		For Work In Restricted Working Space, Add	*28.13*	
		For Elevated Installation >10' To 15', Add	*9.38*	
		For Elevated Installation >15' To 20', Add	*18.75*	
		For Elevated Installation >20' To 25', Add	*23.44*	
		For Elevated Installation >25' To 30', Add	*32.82*	
		For Elevated Installation >30' To 35', Add	*37.51*	
		For Elevated Installation >35' To 40', Add	*46.89*	
		For Elevated Installation >40', Add	*51.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.13*	
26 05 33 13-0444	EA	1-1/2" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	218.01	52.75
		For Work In Restricted Working Space, Add	*31.65*	
		For Elevated Installation >10' To 15', Add	*10.55*	
		For Elevated Installation >15' To 20', Add	*21.10*	
		For Elevated Installation >20' To 25', Add	*26.37*	
		For Elevated Installation >25' To 30', Add	*36.92*	
		For Elevated Installation >30' To 35', Add	*42.20*	
		For Elevated Installation >35' To 40', Add	*52.75*	
		For Elevated Installation >40', Add	*58.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.65*	
26 05 33 13-0445	EA	2" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	263.00	58.61
		For Work In Restricted Working Space, Add	*35.17*	
		For Elevated Installation >10' To 15', Add	*11.72*	
		For Elevated Installation >15' To 20', Add	*23.44*	
		For Elevated Installation >20' To 25', Add	*29.31*	
		For Elevated Installation >25' To 30', Add	*41.03*	
		For Elevated Installation >30' To 35', Add	*46.89*	
		For Elevated Installation >35' To 40', Add	*58.61*	
		For Elevated Installation >40', Add	*64.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*35.17*	
26 05 33 13-0446	EA	2-1/2" Rigid Galvanized Steel (RGS) Conduit Sealing Fitting, Vertical/Horizontal	367.16	70.33
		For Work In Restricted Working Space, Add	*42.20*	
		For Elevated Installation >10' To 15', Add	*14.07*	
		For Elevated Installation >15' To 20', Add	*28.13*	
		For Elevated Installation >20' To 25', Add	*35.17*	
		For Elevated Installation >25' To 30', Add	*49.23*	
		For Elevated Installation >30' To 35', Add	*56.26*	
		For Elevated Installation >35' To 40', Add	*70.33*	
		For Elevated Installation >40', Add	*77.36*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*42.20*	
26 05 33 13-0447	EA	3" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	440.78	82.05
		For Work In Restricted Working Space, Add	*49.23*	
		For Elevated Installation >10' To 15', Add	*16.41*	
		For Elevated Installation >15' To 20', Add	*32.82*	
		For Elevated Installation >20' To 25', Add	*41.03*	
		For Elevated Installation >25' To 30', Add	*57.44*	
		For Elevated Installation >30' To 35', Add	*65.64*	
		For Elevated Installation >35' To 40', Add	*82.05*	
		For Elevated Installation >40', Add	*90.26*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0448	EA	3-1/2" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	985.52	93.77
		For Work In Restricted Working Space, Add	*56.27*	
		For Elevated Installation >10' To 15', Add	*18.76*	
		For Elevated Installation >15' To 20', Add	*37.51*	
		For Elevated Installation >20' To 25', Add	*46.89*	
		For Elevated Installation >25' To 30', Add	*65.64*	
		For Elevated Installation >30' To 35', Add	*75.02*	
		For Elevated Installation >35' To 40', Add	*93.78*	
		For Elevated Installation >40', Add	*103.15*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*56.27*	
26 05 33 13-0449	EA	4" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	1,134.52	105.49
		For Work In Restricted Working Space, Add	*63.30*	
		For Elevated Installation >10' To 15', Add	*21.10*	
		For Elevated Installation >15' To 20', Add	*42.20*	
		For Elevated Installation >20' To 25', Add	*52.75*	
		For Elevated Installation >25' To 30', Add	*73.85*	
		For Elevated Installation >30' To 35', Add	*84.40*	
		For Elevated Installation >35' To 40', Add	*105.50*	
		For Elevated Installation >40', Add	*116.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.30*	

26 05 33 13-0450 Rigid Galvanized Steel (RGS) Threaded Couplings *(26 05 33 13-0060)*

26 05 33 13-0451	EA	1/2" Rigid Galvanized Steel (RGS) Threaded Coupling	15.51	7.04
		For Work In Restricted Working Space, Add	*4.22*	
		For Elevated Installation >10' To 15', Add	*1.41*	
		For Elevated Installation >15' To 20', Add	*2.81*	
		For Elevated Installation >20' To 25', Add	*3.52*	
		For Elevated Installation >25' To 30', Add	*4.92*	
		For Elevated Installation >30' To 35', Add	*5.62*	
		For Elevated Installation >35' To 40', Add	*7.03*	
		For Elevated Installation >40', Add	*7.73*	
26 05 33 13-0452	EA	3/4" Rigid Galvanized Steel (RGS) Threaded Coupling	21.75	9.96
		For Work In Restricted Working Space, Add	*5.98*	
		For Elevated Installation >10' To 15', Add	*1.99*	
		For Elevated Installation >15' To 20', Add	*3.99*	
		For Elevated Installation >20' To 25', Add	*4.98*	
		For Elevated Installation >25' To 30', Add	*6.98*	
		For Elevated Installation >30' To 35', Add	*7.97*	
		For Elevated Installation >35' To 40', Add	*9.97*	
		For Elevated Installation >40', Add	*10.96*	
26 05 33 13-0453	EA	1" Rigid Galvanized Steel (RGS) Threaded Coupling	28.56	12.89
		For Work In Restricted Working Space, Add	*7.74*	
		For Elevated Installation >10' To 15', Add	*2.58*	
		For Elevated Installation >15' To 20', Add	*5.16*	
		For Elevated Installation >20' To 25', Add	*6.45*	
		For Elevated Installation >25' To 30', Add	*9.03*	
		For Elevated Installation >30' To 35', Add	*10.32*	
		For Elevated Installation >35' To 40', Add	*12.90*	
		For Elevated Installation >40', Add	*14.18*	
26 05 33 13-0454	EA	1-1/4" Rigid Galvanized Steel (RGS) Threaded Coupling	32.80	14.66
		For Work In Restricted Working Space, Add	*8.79*	
		For Elevated Installation >10' To 15', Add	*2.93*	
		For Elevated Installation >15' To 20', Add	*5.86*	
		For Elevated Installation >20' To 25', Add	*7.33*	
		For Elevated Installation >25' To 30', Add	*10.26*	
		For Elevated Installation >30' To 35', Add	*11.72*	
		For Elevated Installation >35' To 40', Add	*14.65*	
		For Elevated Installation >40', Add	*16.12*	
26 05 33 13-0455	EA	1-1/2" Rigid Galvanized Steel (RGS) Threaded Coupling	39.54	17.58
		For Work In Restricted Working Space, Add	*10.55*	
		For Elevated Installation >10' To 15', Add	*3.52*	
		For Elevated Installation >15' To 20', Add	*7.03*	
		For Elevated Installation >20' To 25', Add	*8.79*	
		For Elevated Installation >25' To 30', Add	*12.31*	
		For Elevated Installation >30' To 35', Add	*14.06*	
		For Elevated Installation >35' To 40', Add	*17.58*	
		For Elevated Installation >40', Add	*19.34*	
26 05 33 13-0456	EA	2" Rigid Galvanized Steel (RGS) Threaded Coupling	46.39	19.93
		For Work In Restricted Working Space, Add	*11.96*	
		For Elevated Installation >10' To 15', Add	*3.99*	
		For Elevated Installation >15' To 20', Add	*7.97*	
		For Elevated Installation >20' To 25', Add	*9.97*	
		For Elevated Installation >25' To 30', Add	*13.95*	
		For Elevated Installation >30' To 35', Add	*15.94*	
		For Elevated Installation >35' To 40', Add	*19.93*	
		For Elevated Installation >40', Add	*21.92*	
26 05 33 13-0457	EA	2-1/2" Rigid Galvanized Steel (RGS) Threaded Coupling	59.21	22.27
		For Work In Restricted Working Space, Add	*13.37*	
		For Elevated Installation >10' To 15', Add	*4.46*	
		For Elevated Installation >15' To 20', Add	*8.91*	
		For Elevated Installation >20' To 25', Add	*11.14*	
		For Elevated Installation >25' To 30', Add	*15.59*	
		For Elevated Installation >30' To 35', Add	*17.82*	
		For Elevated Installation >35' To 40', Add	*22.28*	
		For Elevated Installation >40', Add	*24.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0458	EA	3" Rigid Galvanized Steel (RGS) Threaded Coupling	69.46	25.20
		For Work In Restricted Working Space, Add	*15.12*	
		For Elevated Installation >10' To 15', Add	*5.04*	
		For Elevated Installation >15' To 20', Add	*10.08*	
		For Elevated Installation >20' To 25', Add	*12.60*	
		For Elevated Installation >25' To 30', Add	*17.64*	
		For Elevated Installation >30' To 35', Add	*20.16*	
		For Elevated Installation >35' To 40', Add	*25.20*	
		For Elevated Installation >40', Add	*27.72*	
26 05 33 13-0459	EA	3-1/2" Rigid Galvanized Steel (RGS) Threaded Coupling	80.84	27.55
		For Work In Restricted Working Space, Add	*16.53*	
		For Elevated Installation >10' To 15', Add	*5.51*	
		For Elevated Installation >15' To 20', Add	*11.02*	
		For Elevated Installation >20' To 25', Add	*13.77*	
		For Elevated Installation >25' To 30', Add	*19.28*	
		For Elevated Installation >30' To 35', Add	*22.04*	
		For Elevated Installation >35' To 40', Add	*27.55*	
		For Elevated Installation >40', Add	*30.30*	
26 05 33 13-0460	EA	4" Threaded Rigid Galvanized Steel (RGS) Coupling	85.43	29.30
		For Work In Restricted Working Space, Add	*17.58*	
		For Elevated Installation >10' To 15', Add	*5.86*	
		For Elevated Installation >15' To 20', Add	*11.72*	
		For Elevated Installation >20' To 25', Add	*14.65*	
		For Elevated Installation >25' To 30', Add	*20.51*	
		For Elevated Installation >30' To 35', Add	*23.44*	
		For Elevated Installation >35' To 40', Add	*29.31*	
		For Elevated Installation >40', Add	*32.24*	

26 05 33 13-0461 Rigid Galvanized Steel (RGS) Sealing Locknut *(26 05 33 13-0060)*

26 05 33 13-0462	EA	1/2" Rigid Galvanized Steel (RGS) Sealing Locknut	3.63	1.17
26 05 33 13-0463	EA	3/4" Rigid Galvanized Steel (RGS) Sealing Locknut	5.00	1.75
26 05 33 13-0464	EA	1" Rigid Galvanized Steel (RGS) Sealing Locknut	8.30	2.93
26 05 33 13-0465	EA	1-1/4" Rigid Galvanized Steel (RGS) Sealing Locknut	12.02	4.10
26 05 33 13-0466	EA	1-1/2" Rigid Galvanized Steel (RGS) Sealing Locknut	14.40	4.69
26 05 33 13-0467	EA	2" Rigid Galvanized Steel (RGS) Sealing Locknut	16.96	5.27

26 05 33 13-0468 Rigid Galvanized Steel (RGS) Fire Stop Fittings *(26 05 33 13-0060)*

26 05 33 13-0469	EA	1/2" Rigid Galvanized Steel (RGS) Fire Stop Fitting	198.01	14.23
		For Work In Restricted Working Space, Add	*10.67*	
		For Elevated Installation >10' To 15', Add	*3.56*	
		For Elevated Installation >15' To 20', Add	*7.11*	
		For Elevated Installation >20' To 25', Add	*8.89*	
		For Elevated Installation >25' To 30', Add	*12.45*	
		For Elevated Installation >30' To 35', Add	*14.23*	
		For Elevated Installation >35' To 40', Add	*17.79*	
		For Elevated Installation >40', Add	*19.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.67*	
26 05 33 13-0470	EA	3/4" Rigid Galvanized Steel (RGS) Fire Stop Fitting	201.43	15.59
		For Work In Restricted Working Space, Add	*11.70*	
		For Elevated Installation >10' To 15', Add	*3.90*	
		For Elevated Installation >15' To 20', Add	*7.80*	
		For Elevated Installation >20' To 25', Add	*9.75*	
		For Elevated Installation >25' To 30', Add	*13.65*	
		For Elevated Installation >30' To 35', Add	*15.60*	
		For Elevated Installation >35' To 40', Add	*19.50*	
		For Elevated Installation >40', Add	*21.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.70*	
26 05 33 13-0471	EA	1" Rigid Galvanized Steel (RGS) Fire Stop Fitting	241.51	17.11
		For Work In Restricted Working Space, Add	*12.81*	
		For Elevated Installation >10' To 15', Add	*4.27*	
		For Elevated Installation >15' To 20', Add	*8.54*	
		For Elevated Installation >20' To 25', Add	*10.68*	
		For Elevated Installation >25' To 30', Add	*14.95*	
		For Elevated Installation >30' To 35', Add	*17.08*	
		For Elevated Installation >35' To 40', Add	*21.35*	
		For Elevated Installation >40', Add	*23.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.81*	
26 05 33 13-0472	EA	1-1/4" Rigid Galvanized Steel (RGS) Fire Stop Fitting	265.13	18.75
		For Work In Restricted Working Space, Add	*14.08*	
		For Elevated Installation >10' To 15', Add	*4.69*	
		For Elevated Installation >15' To 20', Add	*9.38*	
		For Elevated Installation >20' To 25', Add	*11.73*	
		For Elevated Installation >25' To 30', Add	*16.42*	
		For Elevated Installation >30' To 35', Add	*18.77*	
		For Elevated Installation >35' To 40', Add	*23.46*	
		For Elevated Installation >40', Add	*25.81*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0473	EA	1-1/2" Rigid Galvanized Steel (RGS) Fire Stop Fitting	302.48	21.10
		For Work In Restricted Working Space, Add	*15.83*	
		For Elevated Installation >10' To 15', Add	*5.28*	
		For Elevated Installation >15' To 20', Add	*10.55*	
		For Elevated Installation >20' To 25', Add	*13.19*	
		For Elevated Installation >25' To 30', Add	*18.46*	
		For Elevated Installation >30' To 35', Add	*21.10*	
		For Elevated Installation >35' To 40', Add	*26.38*	
		For Elevated Installation >40', Add	*29.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.83*	
26 05 33 13-0474	EA	2" Rigid Galvanized Steel (RGS) Fire Stop Fitting	446.57	23.45
		For Work In Restricted Working Space, Add	*17.59*	
		For Elevated Installation >10' To 15', Add	*5.86*	
		For Elevated Installation >15' To 20', Add	*11.73*	
		For Elevated Installation >20' To 25', Add	*14.66*	
		For Elevated Installation >25' To 30', Add	*20.52*	
		For Elevated Installation >30' To 35', Add	*23.46*	
		For Elevated Installation >35' To 40', Add	*29.32*	
		For Elevated Installation >40', Add	*32.25*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.59*	
26 05 33 13-0475	EA	2-1/2" Rigid Galvanized Steel (RGS) Fire Stop Fitting	514.61	31.30
		For Work In Restricted Working Space, Add	*23.46*	
		For Elevated Installation >10' To 15', Add	*7.82*	
		For Elevated Installation >15' To 20', Add	*15.64*	
		For Elevated Installation >20' To 25', Add	*19.55*	
		For Elevated Installation >25' To 30', Add	*27.37*	
		For Elevated Installation >30' To 35', Add	*31.28*	
		For Elevated Installation >35' To 40', Add	*39.10*	
		For Elevated Installation >40', Add	*43.00*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.46*	
26 05 33 13-0476	EA	3" Rigid Galvanized Steel (RGS) Fire Stop Fitting	570.83	34.34
		For Work In Restricted Working Space, Add	*25.78*	
		For Elevated Installation >10' To 15', Add	*8.59*	
		For Elevated Installation >15' To 20', Add	*17.18*	
		For Elevated Installation >20' To 25', Add	*21.48*	
		For Elevated Installation >25' To 30', Add	*30.07*	
		For Elevated Installation >30' To 35', Add	*34.37*	
		For Elevated Installation >35' To 40', Add	*42.96*	
		For Elevated Installation >40', Add	*47.26*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.78*	
26 05 33 13-0477	EA	3-1/2" Rigid Galvanized Steel (RGS) Fire Stop Fitting	663.55	37.51
		For Work In Restricted Working Space, Add	*28.13*	
		For Elevated Installation >10' To 15', Add	*9.38*	
		For Elevated Installation >15' To 20', Add	*18.76*	
		For Elevated Installation >20' To 25', Add	*23.45*	
		For Elevated Installation >25' To 30', Add	*32.82*	
		For Elevated Installation >30' To 35', Add	*37.51*	
		For Elevated Installation >35' To 40', Add	*46.89*	
		For Elevated Installation >40', Add	*51.58*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.13*	
26 05 33 13-0478	EA	4" Rigid Galvanized Steel (RGS) Fire Stop Fitting	747.99	42.20
		For Work In Restricted Working Space, Add	*31.65*	
		For Elevated Installation >10' To 15', Add	*10.55*	
		For Elevated Installation >15' To 20', Add	*21.10*	
		For Elevated Installation >20' To 25', Add	*26.37*	
		For Elevated Installation >25' To 30', Add	*36.92*	
		For Elevated Installation >30' To 35', Add	*42.20*	
		For Elevated Installation >35' To 40', Add	*52.75*	
		For Elevated Installation >40', Add	*58.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.65*	

26 05 33 13-0479 Rigid Galvanized Steel (RGS) Reducing Bushings *(26 05 33 13-0060)*

26 05 33 13-0480	EA	3/4" x 1/2" Rigid Galvanized Steel (RGS) Reducing Bushing	19.15	9.08
		For Work In Restricted Working Space, Add	*5.45*	
		For Elevated Installation >10' To 15', Add	*1.82*	
		For Elevated Installation >15' To 20', Add	*3.63*	
		For Elevated Installation >20' To 25', Add	*4.54*	
		For Elevated Installation >25' To 30', Add	*6.36*	
		For Elevated Installation >30' To 35', Add	*7.26*	
		For Elevated Installation >35' To 40', Add	*9.08*	
		For Elevated Installation >40', Add	*9.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.45*	
26 05 33 13-0481	EA	1" x 1/2" Rigid Galvanized Steel (RGS) Reducing Bushing	21.16	9.67
		For Work In Restricted Working Space, Add	*5.80*	
		For Elevated Installation >10' To 15', Add	*1.93*	
		For Elevated Installation >15' To 20', Add	*3.87*	
		For Elevated Installation >20' To 25', Add	*4.84*	
		For Elevated Installation >25' To 30', Add	*6.77*	
		For Elevated Installation >30' To 35', Add	*7.74*	
		For Elevated Installation >35' To 40', Add	*9.67*	
		For Elevated Installation >40', Add	*10.64*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0482	EA	1" x 3/4" Rigid Galvanized Steel (RGS) Reducing Bushing	21.75	9.96
		For Work In Restricted Working Space, Add	*5.98*	
		For Elevated Installation >10' To 15', Add	*1.99*	
		For Elevated Installation >15' To 20', Add	*3.99*	
		For Elevated Installation >20' To 25', Add	*4.98*	
		For Elevated Installation >25' To 30', Add	*6.98*	
		For Elevated Installation >30' To 35', Add	*7.97*	
		For Elevated Installation >35' To 40', Add	*9.97*	
		For Elevated Installation >40', Add	*10.96*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.98*	
26 05 33 13-0483	EA	1-1/4" x 1/2" Rigid Galvanized Steel (RGS) Reducing Bushing	25.23	10.25
		For Work In Restricted Working Space, Add	*6.15*	
		For Elevated Installation >10' To 15', Add	*2.05*	
		For Elevated Installation >15' To 20', Add	*4.10*	
		For Elevated Installation >20' To 25', Add	*5.13*	
		For Elevated Installation >25' To 30', Add	*7.18*	
		For Elevated Installation >30' To 35', Add	*8.20*	
		For Elevated Installation >35' To 40', Add	*10.26*	
		For Elevated Installation >40', Add	*11.28*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.15*	
26 05 33 13-0484	EA	1-1/4" x 3/4" Rigid Galvanized Steel (RGS) Reducing Bushing	25.82	10.55
		For Work In Restricted Working Space, Add	*6.33*	
		For Elevated Installation >10' To 15', Add	*2.11*	
		For Elevated Installation >15' To 20', Add	*4.22*	
		For Elevated Installation >20' To 25', Add	*5.28*	
		For Elevated Installation >25' To 30', Add	*7.39*	
		For Elevated Installation >30' To 35', Add	*8.44*	
		For Elevated Installation >35' To 40', Add	*10.55*	
		For Elevated Installation >40', Add	*11.61*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.33*	
26 05 33 13-0485	EA	1-1/4" x 1" Rigid Galvanized Steel (RGS) Reducing Bushing	26.99	11.14
		For Work In Restricted Working Space, Add	*6.68*	
		For Elevated Installation >10' To 15', Add	*2.23*	
		For Elevated Installation >15' To 20', Add	*4.45*	
		For Elevated Installation >20' To 25', Add	*5.57*	
		For Elevated Installation >25' To 30', Add	*7.79*	
		For Elevated Installation >30' To 35', Add	*8.91*	
		For Elevated Installation >35' To 40', Add	*11.14*	
		For Elevated Installation >40', Add	*12.25*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.68*	
26 05 33 13-0486	EA	1-1/2" x 1/2" Rigid Galvanized Steel (RGS) Reducing Bushing	29.17	11.72
		For Work In Restricted Working Space, Add	*7.04*	
		For Elevated Installation >10' To 15', Add	*2.35*	
		For Elevated Installation >15' To 20', Add	*4.69*	
		For Elevated Installation >20' To 25', Add	*5.86*	
		For Elevated Installation >25' To 30', Add	*8.21*	
		For Elevated Installation >30' To 35', Add	*9.38*	
		For Elevated Installation >35' To 40', Add	*11.73*	
		For Elevated Installation >40', Add	*12.90*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.04*	
26 05 33 13-0487	EA	1-1/2" x 3/4" Rigid Galvanized Steel (RGS) Reducing Bushing	29.75	12.02
		For Work In Restricted Working Space, Add	*7.21*	
		For Elevated Installation >10' To 15', Add	*2.40*	
		For Elevated Installation >15' To 20', Add	*4.81*	
		For Elevated Installation >20' To 25', Add	*6.01*	
		For Elevated Installation >25' To 30', Add	*8.41*	
		For Elevated Installation >30' To 35', Add	*9.61*	
		For Elevated Installation >35' To 40', Add	*12.02*	
		For Elevated Installation >40', Add	*13.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.21*	
26 05 33 13-0488	EA	1-1/2" x 1" Rigid Galvanized Steel (RGS) Reducing Bushing	30.92	12.60
		For Work In Restricted Working Space, Add	*7.56*	
		For Elevated Installation >10' To 15', Add	*2.52*	
		For Elevated Installation >15' To 20', Add	*5.04*	
		For Elevated Installation >20' To 25', Add	*6.30*	
		For Elevated Installation >25' To 30', Add	*8.82*	
		For Elevated Installation >30' To 35', Add	*10.08*	
		For Elevated Installation >35' To 40', Add	*12.60*	
		For Elevated Installation >40', Add	*13.86*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.56*	
26 05 33 13-0489	EA	1-1/2" x 1-1/4" Rigid Galvanized Steel (RGS) Reducing Bushing	32.09	13.19
		For Work In Restricted Working Space, Add	*7.91*	
		For Elevated Installation >10' To 15', Add	*2.64*	
		For Elevated Installation >15' To 20', Add	*5.27*	
		For Elevated Installation >20' To 25', Add	*6.59*	
		For Elevated Installation >25' To 30', Add	*9.23*	
		For Elevated Installation >30' To 35', Add	*10.55*	
		For Elevated Installation >35' To 40', Add	*13.19*	
		For Elevated Installation >40', Add	*14.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0490	EA	2" x 1/2" Rigid Galvanized Steel (RGS) Reducing Bushing	38.93	13.19
		For Work In Restricted Working Space, Add	*7.91*	
		For Elevated Installation >10' To 15', Add	*2.64*	
		For Elevated Installation >15' To 20', Add	*5.27*	
		For Elevated Installation >20' To 25', Add	*6.59*	
		For Elevated Installation >25' To 30', Add	*9.23*	
		For Elevated Installation >30' To 35', Add	*10.55*	
		For Elevated Installation >35' To 40', Add	*13.19*	
		For Elevated Installation >40', Add	*14.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.91*	
26 05 33 13-0491	EA	2" x 3/4" Rigid Galvanized Steel (RGS) Reducing Bushing	39.52	13.48
		For Work In Restricted Working Space, Add	*8.09*	
		For Elevated Installation >10' To 15', Add	*2.70*	
		For Elevated Installation >15' To 20', Add	*5.39*	
		For Elevated Installation >20' To 25', Add	*6.74*	
		For Elevated Installation >25' To 30', Add	*9.44*	
		For Elevated Installation >30' To 35', Add	*10.78*	
		For Elevated Installation >35' To 40', Add	*13.48*	
		For Elevated Installation >40', Add	*14.83*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.09*	
26 05 33 13-0492	EA	2" x 1" Rigid Galvanized Steel (RGS) Reducing Bushing	40.69	14.06
		For Work In Restricted Working Space, Add	*8.44*	
		For Elevated Installation >10' To 15', Add	*2.81*	
		For Elevated Installation >15' To 20', Add	*5.63*	
		For Elevated Installation >20' To 25', Add	*7.03*	
		For Elevated Installation >25' To 30', Add	*9.85*	
		For Elevated Installation >30' To 35', Add	*11.25*	
		For Elevated Installation >35' To 40', Add	*14.07*	
		For Elevated Installation >40', Add	*15.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.44*	
26 05 33 13-0493	EA	2" x 1-1/4" Rigid Galvanized Steel (RGS) Reducing Bushing	41.86	14.66
		For Work In Restricted Working Space, Add	*8.79*	
		For Elevated Installation >10' To 15', Add	*2.93*	
		For Elevated Installation >15' To 20', Add	*5.86*	
		For Elevated Installation >20' To 25', Add	*7.33*	
		For Elevated Installation >25' To 30', Add	*10.26*	
		For Elevated Installation >30' To 35', Add	*11.72*	
		For Elevated Installation >35' To 40', Add	*14.65*	
		For Elevated Installation >40', Add	*16.12*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.79*	
26 05 33 13-0494	EA	2" x 1-1/2" Rigid Galvanized Steel (RGS) Reducing Bushing	44.80	16.12
		For Work In Restricted Working Space, Add	*9.67*	
		For Elevated Installation >10' To 15', Add	*3.22*	
		For Elevated Installation >15' To 20', Add	*6.45*	
		For Elevated Installation >20' To 25', Add	*8.06*	
		For Elevated Installation >25' To 30', Add	*11.28*	
		For Elevated Installation >30' To 35', Add	*12.90*	
		For Elevated Installation >35' To 40', Add	*16.12*	
		For Elevated Installation >40', Add	*17.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.67*	
26 05 33 13-0495	EA	2-1/2" x 2" Rigid Galvanized Steel (RGS) Reducing Bushing	56.70	19.05
		For Work In Restricted Working Space, Add	*11.43*	
		For Elevated Installation >10' To 15', Add	*3.81*	
		For Elevated Installation >15' To 20', Add	*7.62*	
		For Elevated Installation >20' To 25', Add	*9.52*	
		For Elevated Installation >25' To 30', Add	*13.33*	
		For Elevated Installation >30' To 35', Add	*15.24*	
		For Elevated Installation >35' To 40', Add	*19.05*	
		For Elevated Installation >40', Add	*20.95*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.43*	

26 05 33 13-0496 Rigid Galvanized Steel (RGS) Locknuts *(26 05 33 13-0060)*

26 05 33 13-0497	EA	1/2" Rigid Galvanized Steel (RGS) Locknuts	2.44	1.17
		For Work In Restricted Working Space, Add	*0.71*	
		For Elevated Installation >10' To 15', Add	*0.24*	
		For Elevated Installation >15' To 20', Add	*0.47*	
		For Elevated Installation >20' To 25', Add	*0.59*	
		For Elevated Installation >25' To 30', Add	*0.82*	
		For Elevated Installation >30' To 35', Add	*0.94*	
		For Elevated Installation >35' To 40', Add	*1.18*	
		For Elevated Installation >40', Add	*1.29*	
26 05 33 13-0498	EA	3/4" Rigid Galvanized Steel (RGS) Locknuts	3.65	1.75
		For Work In Restricted Working Space, Add	*1.06*	
		For Elevated Installation >10' To 15', Add	*0.35*	
		For Elevated Installation >15' To 20', Add	*0.70*	
		For Elevated Installation >20' To 25', Add	*0.88*	
		For Elevated Installation >25' To 30', Add	*1.23*	
		For Elevated Installation >30' To 35', Add	*1.41*	
		For Elevated Installation >35' To 40', Add	*1.76*	
		For Elevated Installation >40', Add	*1.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0499	EA	1" Rigid Galvanized Steel (RGS) Locknuts	6.07	2.93
		For Work In Restricted Working Space, Add	*1.76*	
		For Elevated Installation >10' To 15', Add	*0.59*	
		For Elevated Installation >15' To 20', Add	*1.17*	
		For Elevated Installation >20' To 25', Add	*1.47*	
		For Elevated Installation >25' To 30', Add	*2.05*	
		For Elevated Installation >30' To 35', Add	*2.34*	
		For Elevated Installation >35' To 40', Add	*2.93*	
		For Elevated Installation >40', Add	*3.22*	
26 05 33 13-0500	EA	1-1/4" Rigid Galvanized Steel (RGS) Locknuts	8.56	4.10
		For Work In Restricted Working Space, Add	*2.46*	
		For Elevated Installation >10' To 15', Add	*0.82*	
		For Elevated Installation >15' To 20', Add	*1.64*	
		For Elevated Installation >20' To 25', Add	*2.05*	
		For Elevated Installation >25' To 30', Add	*2.87*	
		For Elevated Installation >30' To 35', Add	*3.28*	
		For Elevated Installation >35' To 40', Add	*4.11*	
		For Elevated Installation >40', Add	*4.52*	
26 05 33 13-0501	EA	1-1/2" Rigid Galvanized Steel (RGS) Locknuts	9.82	4.69
		For Work In Restricted Working Space, Add	*2.81*	
		For Elevated Installation >10' To 15', Add	*0.94*	
		For Elevated Installation >15' To 20', Add	*1.87*	
		For Elevated Installation >20' To 25', Add	*2.34*	
		For Elevated Installation >25' To 30', Add	*3.28*	
		For Elevated Installation >30' To 35', Add	*3.75*	
		For Elevated Installation >35' To 40', Add	*4.69*	
		For Elevated Installation >40', Add	*5.15*	
26 05 33 13-0502	EA	2" Rigid Galvanized Steel (RGS) Locknuts	11.11	5.27
		For Work In Restricted Working Space, Add	*3.17*	
		For Elevated Installation >10' To 15', Add	*1.06*	
		For Elevated Installation >15' To 20', Add	*2.11*	
		For Elevated Installation >20' To 25', Add	*2.64*	
		For Elevated Installation >25' To 30', Add	*3.69*	
		For Elevated Installation >30' To 35', Add	*4.22*	
		For Elevated Installation >35' To 40', Add	*5.28*	
		For Elevated Installation >40', Add	*5.80*	
26 05 33 13-0503	EA	2-1/2" Rigid Galvanized Steel (RGS) Locknuts	15.55	7.04
		For Work In Restricted Working Space, Add	*4.22*	
		For Elevated Installation >10' To 15', Add	*1.41*	
		For Elevated Installation >15' To 20', Add	*2.81*	
		For Elevated Installation >20' To 25', Add	*3.52*	
		For Elevated Installation >25' To 30', Add	*4.92*	
		For Elevated Installation >30' To 35', Add	*5.62*	
		For Elevated Installation >35' To 40', Add	*7.03*	
		For Elevated Installation >40', Add	*7.73*	
26 05 33 13-0504	EA	3" Rigid Galvanized Steel (RGS) Locknuts	19.22	8.79
		For Work In Restricted Working Space, Add	*5.27*	
		For Elevated Installation >10' To 15', Add	*1.76*	
		For Elevated Installation >15' To 20', Add	*3.52*	
		For Elevated Installation >20' To 25', Add	*4.40*	
		For Elevated Installation >25' To 30', Add	*6.15*	
		For Elevated Installation >30' To 35', Add	*7.03*	
		For Elevated Installation >35' To 40', Add	*8.79*	
		For Elevated Installation >40', Add	*9.67*	
26 05 33 13-0505	EA	3-1/2" Rigid Galvanized Steel (RGS) Locknuts	22.66	9.96
		For Work In Restricted Working Space, Add	*5.98*	
		For Elevated Installation >10' To 15', Add	*1.99*	
		For Elevated Installation >15' To 20', Add	*3.99*	
		For Elevated Installation >20' To 25', Add	*4.98*	
		For Elevated Installation >25' To 30', Add	*6.98*	
		For Elevated Installation >30' To 35', Add	*7.97*	
		For Elevated Installation >35' To 40', Add	*9.97*	
		For Elevated Installation >40', Add	*10.96*	
26 05 33 13-0506	EA	4" Rigid Galvanized Steel (RGS) Locknuts	25.41	11.14
		For Work In Restricted Working Space, Add	*6.68*	
		For Elevated Installation >10' To 15', Add	*2.23*	
		For Elevated Installation >15' To 20', Add	*4.45*	
		For Elevated Installation >20' To 25', Add	*5.57*	
		For Elevated Installation >25' To 30', Add	*7.79*	
		For Elevated Installation >30' To 35', Add	*8.91*	
		For Elevated Installation >35' To 40', Add	*11.14*	
		For Elevated Installation >40', Add	*12.25*	

26 05 33 13-0507 Rigid Galvanized Steel (RGS) Grounding Locknuts *(26 05 33 13-0060)*

26 05 33 13-0508	EA	1/2" Rigid Galvanized Steel (RGS) Grounding Locknuts	3.71	1.17
		For Work In Restricted Working Space, Add	*0.71*	
		For Elevated Installation >10' To 15', Add	*0.24*	
		For Elevated Installation >15' To 20', Add	*0.47*	
		For Elevated Installation >20' To 25', Add	*0.59*	
		For Elevated Installation >25' To 30', Add	*0.82*	
		For Elevated Installation >30' To 35', Add	*0.94*	
		For Elevated Installation >35' To 40', Add	*1.18*	
		For Elevated Installation >40', Add	*1.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0509	EA	3/4" Rigid Galvanized Steel (RGS) Grounding Locknuts	5.15	1.75
		For Work In Restricted Working Space, Add	*1.06*	
		For Elevated Installation >10' To 15', Add	*0.35*	
		For Elevated Installation >15' To 20', Add	*0.70*	
		For Elevated Installation >20' To 25', Add	*0.88*	
		For Elevated Installation >25' To 30', Add	*1.23*	
		For Elevated Installation >30' To 35', Add	*1.41*	
		For Elevated Installation >35' To 40', Add	*1.76*	
		For Elevated Installation >40', Add	*1.94*	
26 05 33 13-0510	EA	1" Rigid Galvanized Steel (RGS) Grounding Locknuts	8.20	2.93
		For Work In Restricted Working Space, Add	*1.76*	
		For Elevated Installation >10' To 15', Add	*0.59*	
		For Elevated Installation >15' To 20', Add	*1.17*	
		For Elevated Installation >20' To 25', Add	*1.47*	
		For Elevated Installation >25' To 30', Add	*2.05*	
		For Elevated Installation >30' To 35', Add	*2.34*	
		For Elevated Installation >35' To 40', Add	*2.93*	
		For Elevated Installation >40', Add	*3.22*	
26 05 33 13-0511	EA	1-1/4" Rigid Galvanized Steel (RGS) Grounding Locknuts	11.46	4.10
		For Work In Restricted Working Space, Add	*2.46*	
		For Elevated Installation >10' To 15', Add	*0.82*	
		For Elevated Installation >15' To 20', Add	*1.64*	
		For Elevated Installation >20' To 25', Add	*2.05*	
		For Elevated Installation >25' To 30', Add	*2.87*	
		For Elevated Installation >30' To 35', Add	*3.28*	
		For Elevated Installation >35' To 40', Add	*4.11*	
		For Elevated Installation >40', Add	*4.52*	
26 05 33 13-0512	EA	1-1/2" Rigid Galvanized Steel (RGS) Grounding Locknuts	12.93	4.69
		For Work In Restricted Working Space, Add	*2.81*	
		For Elevated Installation >10' To 15', Add	*0.94*	
		For Elevated Installation >15' To 20', Add	*1.87*	
		For Elevated Installation >20' To 25', Add	*2.34*	
		For Elevated Installation >25' To 30', Add	*3.28*	
		For Elevated Installation >30' To 35', Add	*3.75*	
		For Elevated Installation >35' To 40', Add	*4.69*	
		For Elevated Installation >40', Add	*5.15*	
26 05 33 13-0513	EA	2" Rigid Galvanized Steel (RGS) Grounding Locknuts	15.20	5.27
		For Work In Restricted Working Space, Add	*3.17*	
		For Elevated Installation >10' To 15', Add	*1.06*	
		For Elevated Installation >15' To 20', Add	*2.11*	
		For Elevated Installation >20' To 25', Add	*2.64*	
		For Elevated Installation >25' To 30', Add	*3.69*	
		For Elevated Installation >30' To 35', Add	*4.22*	
		For Elevated Installation >35' To 40', Add	*5.28*	
		For Elevated Installation >40', Add	*5.80*	
26 05 33 13-0514	EA	2-1/2" Rigid Galvanized Steel (RGS) Grounding Locknuts	22.69	7.04
		For Work In Restricted Working Space, Add	*4.22*	
		For Elevated Installation >10' To 15', Add	*1.41*	
		For Elevated Installation >15' To 20', Add	*2.81*	
		For Elevated Installation >20' To 25', Add	*3.52*	
		For Elevated Installation >25' To 30', Add	*4.92*	
		For Elevated Installation >30' To 35', Add	*5.62*	
		For Elevated Installation >35' To 40', Add	*7.03*	
		For Elevated Installation >40', Add	*7.73*	
26 05 33 13-0515	EA	3" Rigid Galvanized Steel (RGS) Grounding Locknuts	28.54	8.79
		For Work In Restricted Working Space, Add	*5.27*	
		For Elevated Installation >10' To 15', Add	*1.76*	
		For Elevated Installation >15' To 20', Add	*3.52*	
		For Elevated Installation >20' To 25', Add	*4.40*	
		For Elevated Installation >25' To 30', Add	*6.15*	
		For Elevated Installation >30' To 35', Add	*7.03*	
		For Elevated Installation >35' To 40', Add	*8.79*	
		For Elevated Installation >40', Add	*9.67*	
26 05 33 13-0516	EA	3-1/2" Rigid Galvanized Steel (RGS) Grounding Locknuts	37.72	9.96
		For Work In Restricted Working Space, Add	*5.98*	
		For Elevated Installation >10' To 15', Add	*1.99*	
		For Elevated Installation >15' To 20', Add	*3.99*	
		For Elevated Installation >20' To 25', Add	*4.98*	
		For Elevated Installation >25' To 30', Add	*6.98*	
		For Elevated Installation >30' To 35', Add	*7.97*	
		For Elevated Installation >35' To 40', Add	*9.97*	
		For Elevated Installation >40', Add	*10.96*	
26 05 33 13-0517	EA	4" Rigid Galvanized Steel (RGS) Grounding Locknuts	45.22	11.14
		For Work In Restricted Working Space, Add	*6.68*	
		For Elevated Installation >10' To 15', Add	*2.23*	
		For Elevated Installation >15' To 20', Add	*4.45*	
		For Elevated Installation >20' To 25', Add	*5.57*	
		For Elevated Installation >25' To 30', Add	*7.79*	
		For Elevated Installation >30' To 35', Add	*8.91*	
		For Elevated Installation >35' To 40', Add	*11.14*	
		For Elevated Installation >40', Add	*12.25*	

26 05 33 13-0518 Rigid Galvanized Steel (RGS) Insulated Ground Bushing *(26 05 33 13-0060)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0519	EA	1/2" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	10.44	3.52
		For Work In Restricted Working Space, Add	*2.11*	
		For Elevated Installation >10' To 15', Add	*0.70*	
		For Elevated Installation >15' To 20', Add	*1.41*	
		For Elevated Installation >20' To 25', Add	*1.76*	
		For Elevated Installation >25' To 30', Add	*2.46*	
		For Elevated Installation >30' To 35', Add	*2.82*	
		For Elevated Installation >35' To 40', Add	*3.52*	
		For Elevated Installation >40', Add	*3.87*	
26 05 33 13-0520	EA	3/4" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	13.07	4.69
		For Work In Restricted Working Space, Add	*2.81*	
		For Elevated Installation >10' To 15', Add	*0.94*	
		For Elevated Installation >15' To 20', Add	*1.87*	
		For Elevated Installation >20' To 25', Add	*2.34*	
		For Elevated Installation >25' To 30', Add	*3.28*	
		For Elevated Installation >30' To 35', Add	*3.75*	
		For Elevated Installation >35' To 40', Add	*4.69*	
		For Elevated Installation >40', Add	*5.15*	
26 05 33 13-0521	EA	1" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	16.70	5.86
		For Work In Restricted Working Space, Add	*3.52*	
		For Elevated Installation >10' To 15', Add	*1.17*	
		For Elevated Installation >15' To 20', Add	*2.34*	
		For Elevated Installation >20' To 25', Add	*2.93*	
		For Elevated Installation >25' To 30', Add	*4.10*	
		For Elevated Installation >30' To 35', Add	*4.69*	
		For Elevated Installation >35' To 40', Add	*5.86*	
		For Elevated Installation >40', Add	*6.45*	
26 05 33 13-0522	EA	1-1/4" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	24.31	9.37
		For Work In Restricted Working Space, Add	*5.63*	
		For Elevated Installation >10' To 15', Add	*1.88*	
		For Elevated Installation >15' To 20', Add	*3.75*	
		For Elevated Installation >20' To 25', Add	*4.69*	
		For Elevated Installation >25' To 30', Add	*6.56*	
		For Elevated Installation >30' To 35', Add	*7.50*	
		For Elevated Installation >35' To 40', Add	*9.38*	
		For Elevated Installation >40', Add	*10.31*	
26 05 33 13-0523	EA	1-1/2" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	27.39	10.55
		For Work In Restricted Working Space, Add	*6.33*	
		For Elevated Installation >10' To 15', Add	*2.11*	
		For Elevated Installation >15' To 20', Add	*4.22*	
		For Elevated Installation >20' To 25', Add	*5.28*	
		For Elevated Installation >25' To 30', Add	*7.39*	
		For Elevated Installation >30' To 35', Add	*8.44*	
		For Elevated Installation >35' To 40', Add	*10.55*	
		For Elevated Installation >40', Add	*11.61*	
26 05 33 13-0524	EA	2" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	31.16	11.72
		For Work In Restricted Working Space, Add	*7.04*	
		For Elevated Installation >10' To 15', Add	*2.35*	
		For Elevated Installation >15' To 20', Add	*4.69*	
		For Elevated Installation >20' To 25', Add	*5.86*	
		For Elevated Installation >25' To 30', Add	*8.21*	
		For Elevated Installation >30' To 35', Add	*9.38*	
		For Elevated Installation >35' To 40', Add	*11.73*	
		For Elevated Installation >40', Add	*12.90*	
26 05 33 13-0525	EA	2-1/2" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	43.03	14.06
		For Work In Restricted Working Space, Add	*8.44*	
		For Elevated Installation >10' To 15', Add	*2.81*	
		For Elevated Installation >15' To 20', Add	*5.63*	
		For Elevated Installation >20' To 25', Add	*7.03*	
		For Elevated Installation >25' To 30', Add	*9.85*	
		For Elevated Installation >30' To 35', Add	*11.25*	
		For Elevated Installation >35' To 40', Add	*14.07*	
		For Elevated Installation >40', Add	*15.47*	
26 05 33 13-0526	EA	3" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	52.23	17.58
		For Work In Restricted Working Space, Add	*10.55*	
		For Elevated Installation >10' To 15', Add	*3.52*	
		For Elevated Installation >15' To 20', Add	*7.03*	
		For Elevated Installation >20' To 25', Add	*8.79*	
		For Elevated Installation >25' To 30', Add	*12.31*	
		For Elevated Installation >30' To 35', Add	*14.06*	
		For Elevated Installation >35' To 40', Add	*17.58*	
		For Elevated Installation >40', Add	*19.34*	
26 05 33 13-0527	EA	3-1/2" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	64.51	23.45
		For Work In Restricted Working Space, Add	*14.06*	
		For Elevated Installation >10' To 15', Add	*4.69*	
		For Elevated Installation >15' To 20', Add	*9.38*	
		For Elevated Installation >20' To 25', Add	*11.72*	
		For Elevated Installation >25' To 30', Add	*16.41*	
		For Elevated Installation >30' To 35', Add	*18.75*	
		For Elevated Installation >35' To 40', Add	*23.44*	
		For Elevated Installation >40', Add	*25.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0528	EA	4" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	78.54	29.30
		For Work In Restricted Working Space, Add	*17.58*	
		For Elevated Installation >10' To 15', Add	*5.86*	
		For Elevated Installation >15' To 20', Add	*11.72*	
		For Elevated Installation >20' To 25', Add	*14.65*	
		For Elevated Installation >25' To 30', Add	*20.51*	
		For Elevated Installation >30' To 35', Add	*23.44*	
		For Elevated Installation >35' To 40', Add	*29.31*	
		For Elevated Installation >40', Add	*32.24*	
26 05 33 13-0529		Rigid Galvanized Steel (RGS) Threadless Compression Connectors *(26 05 33 13-0060)*		
26 05 33 13-0530	EA	1/2" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	24.89	10.55
		For Work In Restricted Working Space, Add	*6.33*	
		For Elevated Installation >10' To 15', Add	*2.11*	
		For Elevated Installation >15' To 20', Add	*4.22*	
		For Elevated Installation >20' To 25', Add	*5.28*	
		For Elevated Installation >25' To 30', Add	*7.39*	
		For Elevated Installation >30' To 35', Add	*8.44*	
		For Elevated Installation >35' To 40', Add	*10.55*	
		For Elevated Installation >40', Add	*11.61*	
26 05 33 13-0531	EA	3/4" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	29.56	11.72
		For Work In Restricted Working Space, Add	*7.04*	
		For Elevated Installation >10' To 15', Add	*2.35*	
		For Elevated Installation >15' To 20', Add	*4.69*	
		For Elevated Installation >20' To 25', Add	*5.86*	
		For Elevated Installation >25' To 30', Add	*8.21*	
		For Elevated Installation >30' To 35', Add	*9.38*	
		For Elevated Installation >35' To 40', Add	*11.73*	
		For Elevated Installation >40', Add	*12.90*	
26 05 33 13-0532	EA	1" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	38.84	14.66
		For Work In Restricted Working Space, Add	*8.79*	
		For Elevated Installation >10' To 15', Add	*2.93*	
		For Elevated Installation >15' To 20', Add	*5.86*	
		For Elevated Installation >20' To 25', Add	*7.33*	
		For Elevated Installation >25' To 30', Add	*10.26*	
		For Elevated Installation >30' To 35', Add	*11.72*	
		For Elevated Installation >35' To 40', Add	*14.65*	
		For Elevated Installation >40', Add	*16.12*	
26 05 33 13-0533	EA	1-1/4" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	53.12	17.58
		For Work In Restricted Working Space, Add	*10.55*	
		For Elevated Installation >10' To 15', Add	*3.52*	
		For Elevated Installation >15' To 20', Add	*7.03*	
		For Elevated Installation >20' To 25', Add	*8.79*	
		For Elevated Installation >25' To 30', Add	*12.31*	
		For Elevated Installation >30' To 35', Add	*14.06*	
		For Elevated Installation >35' To 40', Add	*17.58*	
		For Elevated Installation >40', Add	*19.34*	
26 05 33 13-0534	EA	1-1/2" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	71.76	23.45
		For Work In Restricted Working Space, Add	*14.06*	
		For Elevated Installation >10' To 15', Add	*4.69*	
		For Elevated Installation >15' To 20', Add	*9.38*	
		For Elevated Installation >20' To 25', Add	*11.72*	
		For Elevated Installation >25' To 30', Add	*16.41*	
		For Elevated Installation >30' To 35', Add	*18.75*	
		For Elevated Installation >35' To 40', Add	*23.44*	
		For Elevated Installation >40', Add	*25.78*	
26 05 33 13-0535	EA	2" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	106.34	29.30
		For Work In Restricted Working Space, Add	*17.58*	
		For Elevated Installation >10' To 15', Add	*5.86*	
		For Elevated Installation >15' To 20', Add	*11.72*	
		For Elevated Installation >20' To 25', Add	*14.65*	
		For Elevated Installation >25' To 30', Add	*20.51*	
		For Elevated Installation >30' To 35', Add	*23.44*	
		For Elevated Installation >35' To 40', Add	*29.31*	
		For Elevated Installation >40', Add	*32.24*	
26 05 33 13-0536	EA	2-1/2" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	180.43	35.16
		For Work In Restricted Working Space, Add	*21.10*	
		For Elevated Installation >10' To 15', Add	*7.03*	
		For Elevated Installation >15' To 20', Add	*14.07*	
		For Elevated Installation >20' To 25', Add	*17.58*	
		For Elevated Installation >25' To 30', Add	*24.62*	
		For Elevated Installation >30' To 35', Add	*28.13*	
		For Elevated Installation >35' To 40', Add	*35.17*	
		For Elevated Installation >40', Add	*38.68*	
26 05 33 13-0537	EA	3" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	228.02	41.03
		For Work In Restricted Working Space, Add	*24.62*	
		For Elevated Installation >10' To 15', Add	*8.21*	
		For Elevated Installation >15' To 20', Add	*16.41*	
		For Elevated Installation >20' To 25', Add	*20.51*	
		For Elevated Installation >25' To 30', Add	*28.72*	
		For Elevated Installation >30' To 35', Add	*32.82*	
		For Elevated Installation >35' To 40', Add	*41.03*	
		For Elevated Installation >40', Add	*45.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0538	EA	3-1/2" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	290.40	49.82
		For Work In Restricted Working Space, Add	*29.89*	
		For Elevated Installation >10' To 15', Add	*9.96*	
		For Elevated Installation >15' To 20', Add	*19.93*	
		For Elevated Installation >20' To 25', Add	*24.91*	
		For Elevated Installation >25' To 30', Add	*34.87*	
		For Elevated Installation >30' To 35', Add	*39.86*	
		For Elevated Installation >35' To 40', Add	*49.82*	
		For Elevated Installation >40', Add	*54.80*	
26 05 33 13-0539	EA	4" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	350.75	58.61
		For Work In Restricted Working Space, Add	*35.17*	
		For Elevated Installation >10' To 15', Add	*11.72*	
		For Elevated Installation >15' To 20', Add	*23.44*	
		For Elevated Installation >20' To 25', Add	*29.31*	
		For Elevated Installation >25' To 30', Add	*41.03*	
		For Elevated Installation >30' To 35', Add	*46.89*	
		For Elevated Installation >35' To 40', Add	*58.61*	
		For Elevated Installation >40', Add	*64.47*	

26 05 33 13-0540 Rigid Galvanized Steel (RGS) Compression Coupling *(26 05 33 13-0060)*

26 05 33 13-0541	EA	1/2" Rigid Galvanized Steel (RGS) Compression Coupling	35.42	14.66
		For Work In Restricted Working Space, Add	*8.79*	
		For Elevated Installation >10' To 15', Add	*2.93*	
		For Elevated Installation >15' To 20', Add	*5.86*	
		For Elevated Installation >20' To 25', Add	*7.33*	
		For Elevated Installation >25' To 30', Add	*10.26*	
		For Elevated Installation >30' To 35', Add	*11.72*	
		For Elevated Installation >35' To 40', Add	*14.65*	
		For Elevated Installation >40', Add	*16.12*	
26 05 33 13-0542	EA	3/4" Rigid Galvanized Steel (RGS) Compression Coupling	44.98	17.58
		For Work In Restricted Working Space, Add	*10.55*	
		For Elevated Installation >10' To 15', Add	*3.52*	
		For Elevated Installation >15' To 20', Add	*7.03*	
		For Elevated Installation >20' To 25', Add	*8.79*	
		For Elevated Installation >25' To 30', Add	*12.31*	
		For Elevated Installation >30' To 35', Add	*14.06*	
		For Elevated Installation >35' To 40', Add	*17.58*	
		For Elevated Installation >40', Add	*19.34*	
26 05 33 13-0543	EA	1" Rigid Galvanized Steel (RGS) Compression Coupling	64.01	23.45
		For Work In Restricted Working Space, Add	*14.06*	
		For Elevated Installation >10' To 15', Add	*4.69*	
		For Elevated Installation >15' To 20', Add	*9.38*	
		For Elevated Installation >20' To 25', Add	*11.72*	
		For Elevated Installation >25' To 30', Add	*16.41*	
		For Elevated Installation >30' To 35', Add	*18.75*	
		For Elevated Installation >35' To 40', Add	*23.44*	
		For Elevated Installation >40', Add	*25.78*	
26 05 33 13-0544	EA	1-1/4" Rigid Galvanized Steel (RGS) Compression Coupling	83.96	29.30
		For Work In Restricted Working Space, Add	*17.58*	
		For Elevated Installation >10' To 15', Add	*5.86*	
		For Elevated Installation >15' To 20', Add	*11.72*	
		For Elevated Installation >20' To 25', Add	*14.65*	
		For Elevated Installation >25' To 30', Add	*20.51*	
		For Elevated Installation >30' To 35', Add	*23.44*	
		For Elevated Installation >35' To 40', Add	*29.31*	
		For Elevated Installation >40', Add	*32.24*	
26 05 33 13-0545	EA	1-1/2" Rigid Galvanized Steel (RGS) Compression Coupling	103.33	35.16
		For Work In Restricted Working Space, Add	*21.10*	
		For Elevated Installation >10' To 15', Add	*7.03*	
		For Elevated Installation >15' To 20', Add	*14.07*	
		For Elevated Installation >20' To 25', Add	*17.58*	
		For Elevated Installation >25' To 30', Add	*24.62*	
		For Elevated Installation >30' To 35', Add	*28.13*	
		For Elevated Installation >35' To 40', Add	*35.17*	
		For Elevated Installation >40', Add	*38.68*	
26 05 33 13-0546	EA	2" Rigid Galvanized Steel (RGS) Compression Coupling	154.23	41.03
		For Work In Restricted Working Space, Add	*24.62*	
		For Elevated Installation >10' To 15', Add	*8.21*	
		For Elevated Installation >15' To 20', Add	*16.41*	
		For Elevated Installation >20' To 25', Add	*20.51*	
		For Elevated Installation >25' To 30', Add	*28.72*	
		For Elevated Installation >30' To 35', Add	*32.82*	
		For Elevated Installation >35' To 40', Add	*41.03*	
		For Elevated Installation >40', Add	*45.13*	
26 05 33 13-0547	EA	2-1/2" Rigid Galvanized Steel (RGS) Compression Coupling	245.81	46.88
		For Work In Restricted Working Space, Add	*28.13*	
		For Elevated Installation >10' To 15', Add	*9.38*	
		For Elevated Installation >15' To 20', Add	*18.75*	
		For Elevated Installation >20' To 25', Add	*23.44*	
		For Elevated Installation >25' To 30', Add	*32.82*	
		For Elevated Installation >30' To 35', Add	*37.51*	
		For Elevated Installation >35' To 40', Add	*46.89*	
		For Elevated Installation >40', Add	*51.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0548	EA	3" Rigid Galvanized Steel (RGS) Compression Coupling	282.32	40.44
		For Work In Restricted Working Space, Add	*24.26*	
		For Elevated Installation >10' To 15', Add	*8.09*	
		For Elevated Installation >15' To 20', Add	*16.18*	
		For Elevated Installation >20' To 25', Add	*20.22*	
		For Elevated Installation >25' To 30', Add	*28.31*	
		For Elevated Installation >30' To 35', Add	*32.35*	
		For Elevated Installation >35' To 40', Add	*40.44*	
		For Elevated Installation >40', Add	*44.48*	
26 05 33 13-0549	EA	3-1/2" Rigid Galvanized Steel (RGS) Compression Coupling	388.26	61.54
		For Work In Restricted Working Space, Add	*36.92*	
		For Elevated Installation >10' To 15', Add	*12.31*	
		For Elevated Installation >15' To 20', Add	*24.62*	
		For Elevated Installation >20' To 25', Add	*30.77*	
		For Elevated Installation >25' To 30', Add	*43.08*	
		For Elevated Installation >30' To 35', Add	*49.23*	
		For Elevated Installation >35' To 40', Add	*61.54*	
		For Elevated Installation >40', Add	*67.69*	
26 05 33 13-0550	EA	4" Rigid Galvanized Steel (RGS) Compression Coupling	479.97	70.33
		For Work In Restricted Working Space, Add	*42.20*	
		For Elevated Installation >10' To 15', Add	*14.07*	
		For Elevated Installation >15' To 20', Add	*28.13*	
		For Elevated Installation >20' To 25', Add	*35.17*	
		For Elevated Installation >25' To 30', Add	*49.23*	
		For Elevated Installation >30' To 35', Add	*56.26*	
		For Elevated Installation >35' To 40', Add	*70.33*	
		For Elevated Installation >40', Add	*77.36*	

26 05 33 13-0551 Zinc Plated Steel Snap-in Knock Out Seal *(26 05 33 13-0060)*

26 05 33 13-0552	EA	1/2" Zinc Plated Steel Snap-in Knock Out Seal	6.15	2.93
		For Work In Restricted Working Space, Add	*1.76*	
		For Elevated Installation >10' To 15', Add	*0.59*	
		For Elevated Installation >15' To 20', Add	*1.17*	
		For Elevated Installation >20' To 25', Add	*1.47*	
		For Elevated Installation >25' To 30', Add	*2.05*	
		For Elevated Installation >30' To 35', Add	*2.34*	
		For Elevated Installation >35' To 40', Add	*2.93*	
		For Elevated Installation >40', Add	*3.22*	
26 05 33 13-0553	EA	3/4" Zinc Plated Steel Snap-in Knock Out Seal	7.42	3.52
		For Work In Restricted Working Space, Add	*2.11*	
		For Elevated Installation >10' To 15', Add	*0.70*	
		For Elevated Installation >15' To 20', Add	*1.41*	
		For Elevated Installation >20' To 25', Add	*1.76*	
		For Elevated Installation >25' To 30', Add	*2.46*	
		For Elevated Installation >30' To 35', Add	*2.82*	
		For Elevated Installation >35' To 40', Add	*3.52*	
		For Elevated Installation >40', Add	*3.87*	
26 05 33 13-0554	EA	1" Zinc Plated Steel Snap-in Knock Out Seal	8.81	4.10
		For Work In Restricted Working Space, Add	*2.46*	
		For Elevated Installation >10' To 15', Add	*0.82*	
		For Elevated Installation >15' To 20', Add	*1.64*	
		For Elevated Installation >20' To 25', Add	*2.05*	
		For Elevated Installation >25' To 30', Add	*2.87*	
		For Elevated Installation >30' To 35', Add	*3.28*	
		For Elevated Installation >35' To 40', Add	*4.11*	
		For Elevated Installation >40', Add	*4.52*	
26 05 33 13-0555	EA	1-1/4" Zinc Plated Steel Snap-in Knock Out Seal	11.34	5.27
		For Work In Restricted Working Space, Add	*3.17*	
		For Elevated Installation >10' To 15', Add	*1.06*	
		For Elevated Installation >15' To 20', Add	*2.11*	
		For Elevated Installation >20' To 25', Add	*2.64*	
		For Elevated Installation >25' To 30', Add	*3.69*	
		For Elevated Installation >30' To 35', Add	*4.22*	
		For Elevated Installation >35' To 40', Add	*5.28*	
		For Elevated Installation >40', Add	*5.80*	
26 05 33 13-0556	EA	1-1/2" Zinc Plated Steel Snap-in Knock Out Seal	12.82	5.86
		For Work In Restricted Working Space, Add	*3.52*	
		For Elevated Installation >10' To 15', Add	*1.17*	
		For Elevated Installation >15' To 20', Add	*2.34*	
		For Elevated Installation >20' To 25', Add	*2.93*	
		For Elevated Installation >25' To 30', Add	*4.10*	
		For Elevated Installation >30' To 35', Add	*4.69*	
		For Elevated Installation >35' To 40', Add	*5.86*	
		For Elevated Installation >40', Add	*6.45*	
26 05 33 13-0557	EA	2" Zinc Plated Steel Snap-in Knock Out Seal	15.60	7.04
		For Work In Restricted Working Space, Add	*4.22*	
		For Elevated Installation >10' To 15', Add	*1.41*	
		For Elevated Installation >15' To 20', Add	*2.81*	
		For Elevated Installation >20' To 25', Add	*3.52*	
		For Elevated Installation >25' To 30', Add	*4.92*	
		For Elevated Installation >30' To 35', Add	*5.62*	
		For Elevated Installation >35' To 40', Add	*7.03*	
		For Elevated Installation >40', Add	*7.73*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0558		**Zinc Plated Steel 3-Piece Knock Out Seal** *(26 05 33 13-0060)*		
26 05 33 13-0559	EA	1/2" Zinc Plated Steel 3-Piece Knock Out Seal	7.59	2.93
		For Work In Restricted Working Space, Add	*1.76*	
		For Elevated Installation >10' To 15', Add	*0.59*	
		For Elevated Installation >15' To 20', Add	*1.17*	
		For Elevated Installation >20' To 25', Add	*1.47*	
		For Elevated Installation >25' To 30', Add	*2.05*	
		For Elevated Installation >30' To 35', Add	*2.34*	
		For Elevated Installation >35' To 40', Add	*2.93*	
		For Elevated Installation >40', Add	*3.22*	
26 05 33 13-0560	EA	3/4" Zinc Plated Steel 3-Piece Knock Out Seal	9.05	3.52
		For Work In Restricted Working Space, Add	*2.11*	
		For Elevated Installation >10' To 15', Add	*0.70*	
		For Elevated Installation >15' To 20', Add	*1.41*	
		For Elevated Installation >20' To 25', Add	*1.76*	
		For Elevated Installation >25' To 30', Add	*2.46*	
		For Elevated Installation >30' To 35', Add	*2.82*	
		For Elevated Installation >35' To 40', Add	*3.52*	
		For Elevated Installation >40', Add	*3.87*	
26 05 33 13-0561	EA	1" Zinc Plated Steel 3-Piece Knock Out Seal	10.99	4.10
		For Work In Restricted Working Space, Add	*2.46*	
		For Elevated Installation >10' To 15', Add	*0.82*	
		For Elevated Installation >15' To 20', Add	*1.64*	
		For Elevated Installation >20' To 25', Add	*2.05*	
		For Elevated Installation >25' To 30', Add	*2.87*	
		For Elevated Installation >30' To 35', Add	*3.28*	
		For Elevated Installation >35' To 40', Add	*4.11*	
		For Elevated Installation >40', Add	*4.52*	
26 05 33 13-0562	EA	1-1/4" Zinc Plated Steel 3-Piece Knock Out Seal	14.12	5.27
		For Work In Restricted Working Space, Add	*3.17*	
		For Elevated Installation >10' To 15', Add	*1.06*	
		For Elevated Installation >15' To 20', Add	*2.11*	
		For Elevated Installation >20' To 25', Add	*2.64*	
		For Elevated Installation >25' To 30', Add	*3.69*	
		For Elevated Installation >30' To 35', Add	*4.22*	
		For Elevated Installation >35' To 40', Add	*5.28*	
		For Elevated Installation >40', Add	*5.80*	
26 05 33 13-0563	EA	1-1/2" Zinc Plated Steel 3-Piece Knock Out Seal	17.42	5.86
		For Work In Restricted Working Space, Add	*3.52*	
		For Elevated Installation >10' To 15', Add	*1.17*	
		For Elevated Installation >15' To 20', Add	*2.34*	
		For Elevated Installation >20' To 25', Add	*2.93*	
		For Elevated Installation >25' To 30', Add	*4.10*	
		For Elevated Installation >30' To 35', Add	*4.69*	
		For Elevated Installation >35' To 40', Add	*5.86*	
		For Elevated Installation >40', Add	*6.45*	
26 05 33 13-0564	EA	2" Zinc Plated Steel 3-Piece Knock Out Seal	21.07	7.04
		For Work In Restricted Working Space, Add	*4.22*	
		For Elevated Installation >10' To 15', Add	*1.41*	
		For Elevated Installation >15' To 20', Add	*2.81*	
		For Elevated Installation >20' To 25', Add	*3.52*	
		For Elevated Installation >25' To 30', Add	*4.92*	
		For Elevated Installation >30' To 35', Add	*5.62*	
		For Elevated Installation >35' To 40', Add	*7.03*	
		For Elevated Installation >40', Add	*7.73*	
26 05 33 13-0565	EA	2-1/2" Zinc Plated Steel 3-Piece Knock Out Seal	25.84	8.79
		For Work In Restricted Working Space, Add	*5.27*	
		For Elevated Installation >10' To 15', Add	*1.76*	
		For Elevated Installation >15' To 20', Add	*3.52*	
		For Elevated Installation >20' To 25', Add	*4.40*	
		For Elevated Installation >25' To 30', Add	*6.15*	
		For Elevated Installation >30' To 35', Add	*7.03*	
		For Elevated Installation >35' To 40', Add	*8.79*	
		For Elevated Installation >40', Add	*9.67*	
26 05 33 13-0566	EA	3" Zinc Plated Steel 3-Piece Knock Out Seal	30.24	9.96
		For Work In Restricted Working Space, Add	*5.98*	
		For Elevated Installation >10' To 15', Add	*1.99*	
		For Elevated Installation >15' To 20', Add	*3.99*	
		For Elevated Installation >20' To 25', Add	*4.98*	
		For Elevated Installation >25' To 30', Add	*6.98*	
		For Elevated Installation >30' To 35', Add	*7.97*	
		For Elevated Installation >35' To 40', Add	*9.97*	
		For Elevated Installation >40', Add	*10.96*	
26 05 33 13-0567	EA	3-1/2" Zinc Plated Steel 3-Piece Knock Out Seal	36.79	11.14
		For Work In Restricted Working Space, Add	*6.68*	
		For Elevated Installation >10' To 15', Add	*2.23*	
		For Elevated Installation >15' To 20', Add	*4.45*	
		For Elevated Installation >20' To 25', Add	*5.57*	
		For Elevated Installation >25' To 30', Add	*7.79*	
		For Elevated Installation >30' To 35', Add	*8.91*	
		For Elevated Installation >35' To 40', Add	*11.14*	
		For Elevated Installation >40', Add	*12.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0568	EA	4" Zinc Plated Steel 3-Piece Knock Out Seal	43.25	12.31
		For Work In Restricted Working Space, Add	*7.39*	
		For Elevated Installation >10' To 15', Add	*2.46*	
		For Elevated Installation >15' To 20', Add	*4.92*	
		For Elevated Installation >20' To 25', Add	*6.16*	
		For Elevated Installation >25' To 30', Add	*8.62*	
		For Elevated Installation >30' To 35', Add	*9.85*	
		For Elevated Installation >35' To 40', Add	*12.31*	
		For Elevated Installation >40', Add	*13.54*	
26 05 33 13-0569		**Rigid Galvanized Steel (RGS) Chase Nipples** *(26 05 33 13-0060)*		
26 05 33 13-0570	EA	1/2" Rigid Galvanized Steel (RGS) Chase Nipple	14.50	7.04
		For Work In Restricted Working Space, Add	*4.22*	
		For Elevated Installation >10' To 15', Add	*1.41*	
		For Elevated Installation >15' To 20', Add	*2.81*	
		For Elevated Installation >20' To 25', Add	*3.52*	
		For Elevated Installation >25' To 30', Add	*4.92*	
		For Elevated Installation >30' To 35', Add	*5.62*	
		For Elevated Installation >35' To 40', Add	*7.03*	
		For Elevated Installation >40', Add	*7.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.22*	
26 05 33 13-0571	EA	3/4" Rigid Galvanized Steel (RGS) Chase Nipple	17.15	8.21
		For Work In Restricted Working Space, Add	*4.92*	
		For Elevated Installation >10' To 15', Add	*1.64*	
		For Elevated Installation >15' To 20', Add	*3.28*	
		For Elevated Installation >20' To 25', Add	*4.10*	
		For Elevated Installation >25' To 30', Add	*5.74*	
		For Elevated Installation >30' To 35', Add	*6.56*	
		For Elevated Installation >35' To 40', Add	*8.21*	
		For Elevated Installation >40', Add	*9.03*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.92*	
26 05 33 13-0572	EA	1" Rigid Galvanized Steel (RGS) Chase Nipple	21.54	9.96
		For Work In Restricted Working Space, Add	*5.98*	
		For Elevated Installation >10' To 15', Add	*1.99*	
		For Elevated Installation >15' To 20', Add	*3.99*	
		For Elevated Installation >20' To 25', Add	*4.98*	
		For Elevated Installation >25' To 30', Add	*6.98*	
		For Elevated Installation >30' To 35', Add	*7.97*	
		For Elevated Installation >35' To 40', Add	*9.97*	
		For Elevated Installation >40', Add	*10.96*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.98*	
26 05 33 13-0573	EA	1-1/4" Rigid Galvanized Steel (RGS) Chase Nipple	26.25	11.72
		For Work In Restricted Working Space, Add	*7.04*	
		For Elevated Installation >10' To 15', Add	*2.35*	
		For Elevated Installation >15' To 20', Add	*4.69*	
		For Elevated Installation >20' To 25', Add	*5.86*	
		For Elevated Installation >25' To 30', Add	*8.21*	
		For Elevated Installation >30' To 35', Add	*9.38*	
		For Elevated Installation >35' To 40', Add	*11.73*	
		For Elevated Installation >40', Add	*12.90*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.04*	
26 05 33 13-0574	EA	1-1/2" Rigid Galvanized Steel (RGS) Chase Nipple	32.90	14.66
		For Work In Restricted Working Space, Add	*8.79*	
		For Elevated Installation >10' To 15', Add	*2.93*	
		For Elevated Installation >15' To 20', Add	*5.86*	
		For Elevated Installation >20' To 25', Add	*7.33*	
		For Elevated Installation >25' To 30', Add	*10.26*	
		For Elevated Installation >30' To 35', Add	*11.72*	
		For Elevated Installation >35' To 40', Add	*14.65*	
		For Elevated Installation >40', Add	*16.12*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.79*	
26 05 33 13-0575	EA	2" Rigid Galvanized Steel (RGS) Chase Nipple	41.01	17.58
		For Work In Restricted Working Space, Add	*10.55*	
		For Elevated Installation >10' To 15', Add	*3.52*	
		For Elevated Installation >15' To 20', Add	*7.03*	
		For Elevated Installation >20' To 25', Add	*8.79*	
		For Elevated Installation >25' To 30', Add	*12.31*	
		For Elevated Installation >30' To 35', Add	*14.06*	
		For Elevated Installation >35' To 40', Add	*17.58*	
		For Elevated Installation >40', Add	*19.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.55*	
26 05 33 13-0576	EA	2-1/2" Rigid Galvanized Steel (RGS) Chase Nipple	52.15	20.51
		For Work In Restricted Working Space, Add	*12.31*	
		For Elevated Installation >10' To 15', Add	*4.10*	
		For Elevated Installation >15' To 20', Add	*8.21*	
		For Elevated Installation >20' To 25', Add	*10.26*	
		For Elevated Installation >25' To 30', Add	*14.36*	
		For Elevated Installation >30' To 35', Add	*16.41*	
		For Elevated Installation >35' To 40', Add	*20.52*	
		For Elevated Installation >40', Add	*22.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0577	EA	3" Rigid Galvanized Steel (RGS) Chase Nipple	58.29	23.45
		For Work In Restricted Working Space, Add	*14.06*	
		For Elevated Installation >10' To 15', Add	*4.69*	
		For Elevated Installation >15' To 20', Add	*9.38*	
		For Elevated Installation >20' To 25', Add	*11.72*	
		For Elevated Installation >25' To 30', Add	*16.41*	
		For Elevated Installation >30' To 35', Add	*18.75*	
		For Elevated Installation >35' To 40', Add	*23.44*	
		For Elevated Installation >40', Add	*25.78*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.06*	
26 05 33 13-0578	EA	3-1/2" Rigid Galvanized Steel (RGS) Chase Nipple	72.92	26.37
		For Work In Restricted Working Space, Add	*15.83*	
		For Elevated Installation >10' To 15', Add	*5.28*	
		For Elevated Installation >15' To 20', Add	*10.55*	
		For Elevated Installation >20' To 25', Add	*13.19*	
		For Elevated Installation >25' To 30', Add	*18.46*	
		For Elevated Installation >30' To 35', Add	*21.10*	
		For Elevated Installation >35' To 40', Add	*26.38*	
		For Elevated Installation >40', Add	*29.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.83*	
26 05 33 13-0579	EA	4" Rigid Galvanized Steel (RGS) Chase Nipple	100.87	29.30
		For Work In Restricted Working Space, Add	*17.58*	
		For Elevated Installation >10' To 15', Add	*5.86*	
		For Elevated Installation >15' To 20', Add	*11.72*	
		For Elevated Installation >20' To 25', Add	*14.65*	
		For Elevated Installation >25' To 30', Add	*20.51*	
		For Elevated Installation >30' To 35', Add	*23.44*	
		For Elevated Installation >35' To 40', Add	*29.31*	
		For Elevated Installation >40', Add	*32.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.58*	

26 05 33 13-0580 Rigid Galvanized Steel (RGS) Pulling Elbow *(26 05 33 13-0060)*

26 05 33 13-0581	EA	1/2" Rigid Galvanized Steel (RGS) Pulling Elbow	28.77	10.55
		For Work In Restricted Working Space, Add	*6.33*	
		For Elevated Installation >10' To 15', Add	*2.11*	
		For Elevated Installation >15' To 20', Add	*4.22*	
		For Elevated Installation >20' To 25', Add	*5.28*	
		For Elevated Installation >25' To 30', Add	*7.39*	
		For Elevated Installation >30' To 35', Add	*8.44*	
		For Elevated Installation >35' To 40', Add	*10.55*	
		For Elevated Installation >40', Add	*11.61*	
26 05 33 13-0582	EA	3/4" Rigid Galvanized Steel (RGS) Pulling Elbow	33.42	12.31
		For Work In Restricted Working Space, Add	*7.39*	
		For Elevated Installation >10' To 15', Add	*2.46*	
		For Elevated Installation >15' To 20', Add	*4.92*	
		For Elevated Installation >20' To 25', Add	*6.16*	
		For Elevated Installation >25' To 30', Add	*8.62*	
		For Elevated Installation >30' To 35', Add	*9.85*	
		For Elevated Installation >35' To 40', Add	*12.31*	
		For Elevated Installation >40', Add	*13.54*	
26 05 33 13-0583	EA	1" Rigid Galvanized Steel (RGS) Pulling Elbow	42.74	14.06
		For Work In Restricted Working Space, Add	*8.44*	
		For Elevated Installation >10' To 15', Add	*2.81*	
		For Elevated Installation >15' To 20', Add	*5.63*	
		For Elevated Installation >20' To 25', Add	*7.03*	
		For Elevated Installation >25' To 30', Add	*9.85*	
		For Elevated Installation >30' To 35', Add	*11.25*	
		For Elevated Installation >35' To 40', Add	*14.07*	
		For Elevated Installation >40', Add	*15.47*	
26 05 33 13-0584	EA	1-1/4" Rigid Galvanized Steel (RGS) Pulling Elbow	54.83	17.58
		For Work In Restricted Working Space, Add	*10.55*	
		For Elevated Installation >10' To 15', Add	*3.52*	
		For Elevated Installation >15' To 20', Add	*7.03*	
		For Elevated Installation >20' To 25', Add	*8.79*	
		For Elevated Installation >25' To 30', Add	*12.31*	
		For Elevated Installation >30' To 35', Add	*14.06*	
		For Elevated Installation >35' To 40', Add	*17.58*	
		For Elevated Installation >40', Add	*19.34*	
26 05 33 13-0585	EA	1-1/2" Rigid Galvanized Steel (RGS) Pulling Elbow	73.43	21.10
		For Work In Restricted Working Space, Add	*12.66*	
		For Elevated Installation >10' To 15', Add	*4.22*	
		For Elevated Installation >15' To 20', Add	*8.44*	
		For Elevated Installation >20' To 25', Add	*10.55*	
		For Elevated Installation >25' To 30', Add	*14.77*	
		For Elevated Installation >30' To 35', Add	*16.88*	
		For Elevated Installation >35' To 40', Add	*21.10*	
		For Elevated Installation >40', Add	*23.21*	
26 05 33 13-0586	EA	2" Rigid Galvanized Steel (RGS) Pulling Elbow	98.66	24.62
		For Work In Restricted Working Space, Add	*14.77*	
		For Elevated Installation >10' To 15', Add	*4.92*	
		For Elevated Installation >15' To 20', Add	*9.85*	
		For Elevated Installation >20' To 25', Add	*12.31*	
		For Elevated Installation >25' To 30', Add	*17.23*	
		For Elevated Installation >30' To 35', Add	*19.69*	
		For Elevated Installation >35' To 40', Add	*24.62*	
		For Elevated Installation >40', Add	*27.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0587	EA	2-1/2" Rigid Galvanized Steel (RGS) Pulling Elbow	137.87	28.13
		For Work In Restricted Working Space, Add	*16.88*	
		For Elevated Installation >10' To 15', Add	*5.63*	
		For Elevated Installation >15' To 20', Add	*11.25*	
		For Elevated Installation >20' To 25', Add	*14.07*	
		For Elevated Installation >25' To 30', Add	*19.69*	
		For Elevated Installation >30' To 35', Add	*22.51*	
		For Elevated Installation >35' To 40', Add	*28.14*	
		For Elevated Installation >40', Add	*30.95*	
26 05 33 13-0588	EA	3" Rigid Galvanized Steel (RGS) Pulling Elbow	243.19	35.16
		For Work In Restricted Working Space, Add	*21.10*	
		For Elevated Installation >10' To 15', Add	*7.03*	
		For Elevated Installation >15' To 20', Add	*14.07*	
		For Elevated Installation >20' To 25', Add	*17.58*	
		For Elevated Installation >25' To 30', Add	*24.62*	
		For Elevated Installation >30' To 35', Add	*28.13*	
		For Elevated Installation >35' To 40', Add	*35.17*	
		For Elevated Installation >40', Add	*38.68*	

26 05 33 13-0589 Electrical Metallic Tubing (EMT) Thinwall Conduit *(26 05 33 13-0059)*

Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.

26 05 33 13-0590 Electrical Metallic Tubing (EMT) Thinwall Conduit *(26 05 33 13-0589)*

Note: Includes field bending conduit up to and including 1". See CSI section 26 05 33 13-1358 for field bending >1".

26 05 33 13-0591	LF	1/2" Electrical Metallic Tubing (EMT) Conduit	6.03	2.11
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.79*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.32*	
		For Work In Restricted Working Space, Add	*1.58*	
		For >1,000, Deduct	*-0.47*	
		For >250 To 500, Deduct	*-0.04*	
		For >500 To 1,000, Deduct	*-0.32*	
		For Elevated Installation >10' To 15', Add	*0.53*	
		For Elevated Installation >15' To 20', Add	*1.05*	
		For Elevated Installation >20' To 25', Add	*1.32*	
		For Elevated Installation >25' To 30', Add	*1.84*	
		For Elevated Installation >30' To 35', Add	*2.11*	
		For Elevated Installation >35' To 40', Add	*2.64*	
		For Elevated Installation >40', Add	*2.90*	
		For Installation In Metal Stud Wall, Add	*0.53*	
		For Factory Applied Color Coating, Add	*0.23*	
26 05 33 13-0592	LF	3/4" Electrical Metallic Tubing (EMT) Conduit	7.05	2.35
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.88*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.47*	
		For Work In Restricted Working Space, Add	*1.76*	
		For >1,000, Deduct	*-0.56*	
		For >250 To 500, Deduct	*-0.06*	
		For >500 To 1,000, Deduct	*-0.38*	
		For Elevated Installation >10' To 15', Add	*0.59*	
		For Elevated Installation >15' To 20', Add	*1.17*	
		For Elevated Installation >20' To 25', Add	*1.47*	
		For Elevated Installation >25' To 30', Add	*2.05*	
		For Elevated Installation >30' To 35', Add	*2.34*	
		For Elevated Installation >35' To 40', Add	*2.93*	
		For Elevated Installation >40', Add	*3.22*	
		For Installation In Metal Stud Wall, Add	*0.59*	
		For Factory Applied Color Coating, Add	*0.36*	
26 05 33 13-0593	LF	1" Electrical Metallic Tubing (EMT) Conduit	8.44	2.58
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.97*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.61*	
		For Work In Restricted Working Space, Add	*1.94*	
		For >1,000, Deduct	*-0.68*	
		For >250 To 500, Deduct	*-0.10*	
		For >500 To 1,000, Deduct	*-0.47*	
		For Elevated Installation >10' To 15', Add	*0.65*	
		For Elevated Installation >15' To 20', Add	*1.29*	
		For Elevated Installation >20' To 25', Add	*1.61*	
		For Elevated Installation >25' To 30', Add	*2.26*	
		For Elevated Installation >30' To 35', Add	*2.58*	
		For Elevated Installation >35' To 40', Add	*3.23*	
		For Elevated Installation >40', Add	*3.55*	
		For Installation In Metal Stud Wall, Add	*0.65*	
		For Factory Applied Color Coating, Add	*0.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0594	LF	1-1/4" Electrical Metallic Tubing (EMT) Conduit	10.41	2.91
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.09*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.82*	
		For Work In Restricted Working Space, Add	*2.18*	
		For >1,000, Deduct	*-0.86*	
		For >250 To 500, Deduct	*-0.16*	
		For >500 To 1,000, Deduct	*-0.60*	
		For Elevated Installation >10' To 15', Add	*0.73*	
		For Elevated Installation >15' To 20', Add	*1.45*	
		For Elevated Installation >20' To 25', Add	*1.82*	
		For Elevated Installation >25' To 30', Add	*2.54*	
		For Elevated Installation >30' To 35', Add	*2.91*	
		For Elevated Installation >35' To 40', Add	*3.64*	
		For Elevated Installation >40', Add	*4.00*	
		For Installation In Metal Stud Wall, Add	*0.73*	
		For Factory Applied Color Coating, Add	*0.94*	
26 05 33 13-0595	LF	1-1/2" Electrical Metallic Tubing (EMT) Conduit	12.11	3.28
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.23*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.05*	
		For Work In Restricted Working Space, Add	*2.46*	
		For >1,000, Deduct	*-1.01*	
		For >250 To 500, Deduct	*-0.20*	
		For >500 To 1,000, Deduct	*-0.70*	
		For Elevated Installation >10' To 15', Add	*0.82*	
		For Elevated Installation >15' To 20', Add	*1.64*	
		For Elevated Installation >20' To 25', Add	*2.05*	
		For Elevated Installation >25' To 30', Add	*2.87*	
		For Elevated Installation >30' To 35', Add	*3.28*	
		For Elevated Installation >35' To 40', Add	*4.11*	
		For Elevated Installation >40', Add	*4.52*	
		For Installation In Metal Stud Wall, Add	*0.82*	
		For Factory Applied Color Coating, Add	*1.17*	
26 05 33 13-0596	LF	2" Electrical Metallic Tubing (EMT) Conduit	14.00	3.75
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.41*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.34*	
		For Work In Restricted Working Space, Add	*2.81*	
		For >1,000, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-0.23*	
		For >500 To 1,000, Deduct	*-0.82*	
		For Elevated Installation >10' To 15', Add	*0.94*	
		For Elevated Installation >15' To 20', Add	*1.87*	
		For Elevated Installation >20' To 25', Add	*2.34*	
		For Elevated Installation >25' To 30', Add	*3.28*	
		For Elevated Installation >30' To 35', Add	*3.75*	
		For Elevated Installation >35' To 40', Add	*4.69*	
		For Elevated Installation >40', Add	*5.15*	
		For Installation In Metal Stud Wall, Add	*0.94*	
		For Factory Applied Color Coating, Add	*1.39*	
26 05 33 13-0597	LF	2-1/2" Electrical Metallic Tubing (EMT) Conduit	18.00	4.45
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.67*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.79*	
		For Work In Restricted Working Space, Add	*3.34*	
		For >1,000, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-0.34*	
		For >500 To 1,000, Deduct	*-1.07*	
		For Elevated Installation >10' To 15', Add	*1.11*	
		For Elevated Installation >15' To 20', Add	*2.23*	
		For Elevated Installation >20' To 25', Add	*2.79*	
		For Elevated Installation >25' To 30', Add	*3.90*	
		For Elevated Installation >30' To 35', Add	*4.46*	
		For Elevated Installation >35' To 40', Add	*5.57*	
		For Elevated Installation >40', Add	*6.13*	
		For Installation In Metal Stud Wall, Add	*1.11*	
		For Factory Applied Color Coating, Add	*2.06*	
26 05 33 13-0598	LF	3" Electrical Metallic Tubing (EMT) Conduit	21.48	5.16
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.93*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*3.22*	
		For Work In Restricted Working Space, Add	*3.87*	
		For >1,000, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-0.43*	
		For >500 To 1,000, Deduct	*-1.29*	
		For Elevated Installation >10' To 15', Add	*1.29*	
		For Elevated Installation >15' To 20', Add	*2.58*	
		For Elevated Installation >20' To 25', Add	*3.22*	
		For Elevated Installation >25' To 30', Add	*4.51*	
		For Elevated Installation >30' To 35', Add	*5.16*	
		For Elevated Installation >35' To 40', Add	*6.45*	
		For Elevated Installation >40', Add	*7.09*	
		For Installation In Metal Stud Wall, Add	*1.29*	
		For Factory Applied Color Coating, Add	*2.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0599	LF	3-1/2" Electrical Metallic Tubing (EMT) Conduit	26.72	6.09
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*2.29*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*3.81*	
		For Work In Restricted Working Space, Add	*4.57*	
		For >1,000, Deduct	*-2.29*	
		For >250 To 500, Deduct	*-0.57*	
		For >500 To 1,000, Deduct	*-1.62*	
		For Elevated Installation >10' To 15', Add	*1.52*	
		For Elevated Installation >15' To 20', Add	*3.05*	
		For Elevated Installation >20' To 25', Add	*3.81*	
		For Elevated Installation >25' To 30', Add	*5.33*	
		For Elevated Installation >30' To 35', Add	*6.10*	
		For Elevated Installation >35' To 40', Add	*7.62*	
		For Elevated Installation >40', Add	*8.38*	
		For Installation In Metal Stud Wall, Add	*1.52*	
		For Factory Applied Color Coating, Add	*3.44*	
26 05 33 13-0600	LF	4" Electrical Metallic Tubing (EMT) Conduit	35.66	9.09
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*3.41*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*5.68*	
		For Work In Restricted Working Space, Add	*6.82*	
		For >1,000, Deduct	*-3.00*	
		For >250 To 500, Deduct	*-0.65*	
		For >500 To 1,000, Deduct	*-2.11*	
		For Elevated Installation >10' To 15', Add	*2.27*	
		For Elevated Installation >15' To 20', Add	*4.55*	
		For Elevated Installation >20' To 25', Add	*5.68*	
		For Elevated Installation >25' To 30', Add	*7.96*	
		For Elevated Installation >30' To 35', Add	*9.09*	
		For Elevated Installation >35' To 40', Add	*11.37*	
		For Elevated Installation >40', Add	*12.50*	
		For Installation In Metal Stud Wall, Add	*2.27*	
		For Factory Applied Color Coating, Add	*3.88*	

26 05 33 13-0601 Electrical Metallic Tubing (EMT) 90 Degree Elbows *(26 05 33 13-0589)*

See CSI section 26 05 33 13-1358 for conduit field bending.

26 05 33 13-0602	EA	1/2" Electrical Metallic Tubing (EMT) 90 Degree Elbow	15.12	5.16
		For Work In Restricted Working Space, Add	*3.87*	
		For Elevated Installation >10' To 15', Add	*1.29*	
		For Elevated Installation >15' To 20', Add	*2.58*	
		For Elevated Installation >20' To 25', Add	*3.22*	
		For Elevated Installation >25' To 30', Add	*4.51*	
		For Elevated Installation >30' To 35', Add	*5.16*	
		For Elevated Installation >35' To 40', Add	*6.45*	
		For Elevated Installation >40', Add	*7.09*	
26 05 33 13-0603	EA	3/4" Electrical Metallic Tubing (EMT) 90 Degree Elbow	16.04	5.62
		For Work In Restricted Working Space, Add	*4.22*	
		For Elevated Installation >10' To 15', Add	*1.41*	
		For Elevated Installation >15' To 20', Add	*2.81*	
		For Elevated Installation >20' To 25', Add	*3.52*	
		For Elevated Installation >25' To 30', Add	*4.92*	
		For Elevated Installation >30' To 35', Add	*5.62*	
		For Elevated Installation >35' To 40', Add	*7.03*	
		For Elevated Installation >40', Add	*7.73*	
26 05 33 13-0604	EA	1" Electrical Metallic Tubing (EMT) 90 Degree Elbow	19.53	6.57
		For Work In Restricted Working Space, Add	*4.92*	
		For Elevated Installation >10' To 15', Add	*1.64*	
		For Elevated Installation >15' To 20', Add	*3.28*	
		For Elevated Installation >20' To 25', Add	*4.10*	
		For Elevated Installation >25' To 30', Add	*5.74*	
		For Elevated Installation >30' To 35', Add	*6.56*	
		For Elevated Installation >35' To 40', Add	*8.21*	
		For Elevated Installation >40', Add	*9.03*	
26 05 33 13-0605	EA	1-1/4" Electrical Metallic Tubing (EMT) 90 Degree Elbow	21.46	7.04
		For Work In Restricted Working Space, Add	*5.27*	
		For Elevated Installation >10' To 15', Add	*1.76*	
		For Elevated Installation >15' To 20', Add	*3.52*	
		For Elevated Installation >20' To 25', Add	*4.40*	
		For Elevated Installation >25' To 30', Add	*6.15*	
		For Elevated Installation >30' To 35', Add	*7.03*	
		For Elevated Installation >35' To 40', Add	*8.79*	
		For Elevated Installation >40', Add	*9.67*	
26 05 33 13-0606	EA	1-1/2" Electrical Metallic Tubing (EMT) 90 Degree Elbow	25.46	8.44
		For Work In Restricted Working Space, Add	*6.33*	
		For Elevated Installation >10' To 15', Add	*2.11*	
		For Elevated Installation >15' To 20', Add	*4.22*	
		For Elevated Installation >20' To 25', Add	*5.28*	
		For Elevated Installation >25' To 30', Add	*7.39*	
		For Elevated Installation >30' To 35', Add	*8.44*	
		For Elevated Installation >35' To 40', Add	*10.55*	
		For Elevated Installation >40', Add	*11.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0607	EA	2" Electrical Metallic Tubing (EMT) 90 Degree Elbow	33.40	10.79
		For Work In Restricted Working Space, Add	*8.09*	
		For Elevated Installation >10' To 15', Add	*2.70*	
		For Elevated Installation >15' To 20', Add	*5.39*	
		For Elevated Installation >20' To 25', Add	*6.74*	
		For Elevated Installation >25' To 30', Add	*9.44*	
		For Elevated Installation >30' To 35', Add	*10.78*	
		For Elevated Installation >35' To 40', Add	*13.48*	
		For Elevated Installation >40', Add	*14.83*	
26 05 33 13-0608	EA	2-1/2" Electrical Metallic Tubing (EMT) 90 Degree Elbow	44.70	12.19
		For Work In Restricted Working Space, Add	*9.14*	
		For Elevated Installation >10' To 15', Add	*3.05*	
		For Elevated Installation >15' To 20', Add	*6.09*	
		For Elevated Installation >20' To 25', Add	*7.62*	
		For Elevated Installation >25' To 30', Add	*10.66*	
		For Elevated Installation >30' To 35', Add	*12.19*	
		For Elevated Installation >35' To 40', Add	*15.24*	
		For Elevated Installation >40', Add	*16.76*	
26 05 33 13-0609	EA	3" Electrical Metallic Tubing (EMT) 90 Degree Elbow	56.97	13.59
		For Work In Restricted Working Space, Add	*10.20*	
		For Elevated Installation >10' To 15', Add	*3.40*	
		For Elevated Installation >15' To 20', Add	*6.80*	
		For Elevated Installation >20' To 25', Add	*8.50*	
		For Elevated Installation >25' To 30', Add	*11.90*	
		For Elevated Installation >30' To 35', Add	*13.60*	
		For Elevated Installation >35' To 40', Add	*17.00*	
		For Elevated Installation >40', Add	*18.69*	
26 05 33 13-0610	EA	3-1/2" Electrical Metallic Tubing (EMT) 90 Degree Elbow	64.70	15.01
		For Work In Restricted Working Space, Add	*11.25*	
		For Elevated Installation >10' To 15', Add	*3.75*	
		For Elevated Installation >15' To 20', Add	*7.50*	
		For Elevated Installation >20' To 25', Add	*9.38*	
		For Elevated Installation >25' To 30', Add	*13.13*	
		For Elevated Installation >30' To 35', Add	*15.00*	
		For Elevated Installation >35' To 40', Add	*18.76*	
		For Elevated Installation >40', Add	*20.63*	
26 05 33 13-0611	EA	4" Electrical Metallic Tubing (EMT) 90 Degree Elbow	136.40	39.78
		For Work In Restricted Working Space, Add	*29.84*	
		For Elevated Installation >10' To 15', Add	*9.95*	
		For Elevated Installation >15' To 20', Add	*19.89*	
		For Elevated Installation >20' To 25', Add	*24.86*	
		For Elevated Installation >25' To 30', Add	*34.81*	
		For Elevated Installation >30' To 35', Add	*39.78*	
		For Elevated Installation >35' To 40', Add	*49.73*	
		For Elevated Installation >40', Add	*54.70*	

26 05 33 13-0612 Electrical Metallic Tubing (EMT) 45 Degree Elbows *(26 05 33 13-0589)*

See CSI section 26 05 33 13-1358 for conduit field bending.

26 05 33 13-0613	EA	1/2" Electrical Metallic Tubing (EMT) 45 Degree Elbow	14.88	5.16
		For Work In Restricted Working Space, Add	*3.87*	
		For Elevated Installation >10' To 15', Add	*1.29*	
		For Elevated Installation >15' To 20', Add	*2.58*	
		For Elevated Installation >20' To 25', Add	*3.22*	
		For Elevated Installation >25' To 30', Add	*4.51*	
		For Elevated Installation >30' To 35', Add	*5.16*	
		For Elevated Installation >35' To 40', Add	*6.45*	
		For Elevated Installation >40', Add	*7.09*	
26 05 33 13-0614	EA	3/4" Electrical Metallic Tubing (EMT) 45 Degree Elbow	16.18	5.62
		For Work In Restricted Working Space, Add	*4.22*	
		For Elevated Installation >10' To 15', Add	*1.41*	
		For Elevated Installation >15' To 20', Add	*2.81*	
		For Elevated Installation >20' To 25', Add	*3.52*	
		For Elevated Installation >25' To 30', Add	*4.92*	
		For Elevated Installation >30' To 35', Add	*5.62*	
		For Elevated Installation >35' To 40', Add	*7.03*	
		For Elevated Installation >40', Add	*7.73*	
26 05 33 13-0615	EA	1" Electrical Metallic Tubing (EMT) 45 Degree Elbow	19.84	6.57
		For Work In Restricted Working Space, Add	*4.92*	
		For Elevated Installation >10' To 15', Add	*1.64*	
		For Elevated Installation >15' To 20', Add	*3.28*	
		For Elevated Installation >20' To 25', Add	*4.10*	
		For Elevated Installation >25' To 30', Add	*5.74*	
		For Elevated Installation >30' To 35', Add	*6.56*	
		For Elevated Installation >35' To 40', Add	*8.21*	
		For Elevated Installation >40', Add	*9.03*	
26 05 33 13-0616	EA	1-1/4" Electrical Metallic Tubing (EMT) 45 Degree Elbow	22.05	7.04
		For Work In Restricted Working Space, Add	*5.27*	
		For Elevated Installation >10' To 15', Add	*1.76*	
		For Elevated Installation >15' To 20', Add	*3.52*	
		For Elevated Installation >20' To 25', Add	*4.40*	
		For Elevated Installation >25' To 30', Add	*6.15*	
		For Elevated Installation >30' To 35', Add	*7.03*	
		For Elevated Installation >35' To 40', Add	*8.79*	
		For Elevated Installation >40', Add	*9.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0617	EA	1-1/2" Electrical Metallic Tubing (EMT) 45 Degree Elbow	26.21	8.44
		For Work In Restricted Working Space, Add	*6.33*	
		For Elevated Installation >10' To 15', Add	*2.11*	
		For Elevated Installation >15' To 20', Add	*4.22*	
		For Elevated Installation >20' To 25', Add	*5.28*	
		For Elevated Installation >25' To 30', Add	*7.39*	
		For Elevated Installation >30' To 35', Add	*8.44*	
		For Elevated Installation >35' To 40', Add	*10.55*	
		For Elevated Installation >40', Add	*11.61*	
26 05 33 13-0618	EA	2" Electrical Metallic Tubing (EMT) 45 Degree Elbow	33.16	10.79
		For Work In Restricted Working Space, Add	*8.09*	
		For Elevated Installation >10' To 15', Add	*2.70*	
		For Elevated Installation >15' To 20', Add	*5.39*	
		For Elevated Installation >20' To 25', Add	*6.74*	
		For Elevated Installation >25' To 30', Add	*9.44*	
		For Elevated Installation >30' To 35', Add	*10.78*	
		For Elevated Installation >35' To 40', Add	*13.48*	
		For Elevated Installation >40', Add	*14.83*	
26 05 33 13-0619	EA	2-1/2" Electrical Metallic Tubing (EMT) 45 Degree Elbow	46.88	12.19
		For Work In Restricted Working Space, Add	*9.14*	
		For Elevated Installation >10' To 15', Add	*3.05*	
		For Elevated Installation >15' To 20', Add	*6.09*	
		For Elevated Installation >20' To 25', Add	*7.62*	
		For Elevated Installation >25' To 30', Add	*10.66*	
		For Elevated Installation >30' To 35', Add	*12.19*	
		For Elevated Installation >35' To 40', Add	*15.24*	
		For Elevated Installation >40', Add	*16.76*	
26 05 33 13-0620	EA	3" Electrical Metallic Tubing (EMT) 45 Degree Elbow	58.70	13.59
		For Work In Restricted Working Space, Add	*10.20*	
		For Elevated Installation >10' To 15', Add	*3.40*	
		For Elevated Installation >15' To 20', Add	*6.80*	
		For Elevated Installation >20' To 25', Add	*8.50*	
		For Elevated Installation >25' To 30', Add	*11.90*	
		For Elevated Installation >30' To 35', Add	*13.60*	
		For Elevated Installation >35' To 40', Add	*17.00*	
		For Elevated Installation >40', Add	*18.69*	
26 05 33 13-0621	EA	3-1/2" Electrical Metallic Tubing (EMT) 45 Degree Elbow	69.39	15.01
		For Work In Restricted Working Space, Add	*11.25*	
		For Elevated Installation >10' To 15', Add	*3.75*	
		For Elevated Installation >15' To 20', Add	*7.50*	
		For Elevated Installation >20' To 25', Add	*9.38*	
		For Elevated Installation >25' To 30', Add	*13.13*	
		For Elevated Installation >30' To 35', Add	*15.00*	
		For Elevated Installation >35' To 40', Add	*18.76*	
		For Elevated Installation >40', Add	*20.63*	
26 05 33 13-0622	EA	4" Electrical Metallic Tubing (EMT) 45 Degree Elbow	133.11	39.78
		For Work In Restricted Working Space, Add	*29.84*	
		For Elevated Installation >10' To 15', Add	*9.95*	
		For Elevated Installation >15' To 20', Add	*19.89*	
		For Elevated Installation >20' To 25', Add	*24.86*	
		For Elevated Installation >25' To 30', Add	*34.81*	
		For Elevated Installation >30' To 35', Add	*39.78*	
		For Elevated Installation >35' To 40', Add	*49.73*	
		For Elevated Installation >40', Add	*54.70*	

26 05 33 13-0623 Electrical Metallic Tubing (EMT) Set Screw Couplings *(26 05 33 13-0589)*

26 05 33 13-0624	EA	1/2" Electrical Metallic Tubing (EMT) Set Screw Coupling	6.12	2.82
		For Work In Restricted Working Space, Add	*1.76*	
		For Elevated Installation >10' To 15', Add	*0.59*	
		For Elevated Installation >15' To 20', Add	*1.17*	
		For Elevated Installation >20' To 25', Add	*1.47*	
		For Elevated Installation >25' To 30', Add	*2.05*	
		For Elevated Installation >30' To 35', Add	*2.34*	
		For Elevated Installation >35' To 40', Add	*2.93*	
		For Elevated Installation >40', Add	*3.22*	
26 05 33 13-0625	EA	3/4" Electrical Metallic Tubing (EMT) Set Screw Coupling	7.41	2.82
		For Work In Restricted Working Space, Add	*2.11*	
		For Elevated Installation >10' To 15', Add	*0.70*	
		For Elevated Installation >15' To 20', Add	*1.41*	
		For Elevated Installation >20' To 25', Add	*1.76*	
		For Elevated Installation >25' To 30', Add	*2.46*	
		For Elevated Installation >30' To 35', Add	*2.81*	
		For Elevated Installation >35' To 40', Add	*3.52*	
		For Elevated Installation >40', Add	*3.87*	
26 05 33 13-0626	EA	1" Electrical Metallic Tubing (EMT) Set Screw Coupling	8.78	3.28
		For Work In Restricted Working Space, Add	*2.46*	
		For Elevated Installation >10' To 15', Add	*0.82*	
		For Elevated Installation >15' To 20', Add	*1.64*	
		For Elevated Installation >20' To 25', Add	*2.05*	
		For Elevated Installation >25' To 30', Add	*2.87*	
		For Elevated Installation >30' To 35', Add	*3.28*	
		For Elevated Installation >35' To 40', Add	*4.10*	
		For Elevated Installation >40', Add	*4.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0627	EA	1-1/4" Electrical Metallic Tubing (EMT) Set Screw Coupling	11.81	4.22
		For Work In Restricted Working Space, Add	*3.17*	
		For Elevated Installation >10' To 15', Add	*1.06*	
		For Elevated Installation >15' To 20', Add	*2.11*	
		For Elevated Installation >20' To 25', Add	*2.64*	
		For Elevated Installation >25' To 30', Add	*3.69*	
		For Elevated Installation >30' To 35', Add	*4.22*	
		For Elevated Installation >35' To 40', Add	*5.28*	
		For Elevated Installation >40', Add	*5.80*	
26 05 33 13-0628	EA	1-1/2" Electrical Metallic Tubing (EMT) Set Screw Coupling	14.56	5.16
		For Work In Restricted Working Space, Add	*3.87*	
		For Elevated Installation >10' To 15', Add	*1.29*	
		For Elevated Installation >15' To 20', Add	*2.58*	
		For Elevated Installation >20' To 25', Add	*3.23*	
		For Elevated Installation >25' To 30', Add	*4.52*	
		For Elevated Installation >30' To 35', Add	*5.16*	
		For Elevated Installation >35' To 40', Add	*6.45*	
		For Elevated Installation >40', Add	*7.10*	
26 05 33 13-0629	EA	2" Electrical Metallic Tubing (EMT) Set Screw Coupling	19.79	7.04
		For Work In Restricted Working Space, Add	*5.27*	
		For Elevated Installation >10' To 15', Add	*1.76*	
		For Elevated Installation >15' To 20', Add	*3.52*	
		For Elevated Installation >20' To 25', Add	*4.40*	
		For Elevated Installation >25' To 30', Add	*6.15*	
		For Elevated Installation >30' To 35', Add	*7.03*	
		For Elevated Installation >35' To 40', Add	*8.79*	
		For Elevated Installation >40', Add	*9.67*	
26 05 33 13-0630	EA	2-1/2" Electrical Metallic Tubing (EMT) Set Screw Coupling	27.32	9.37
		For Work In Restricted Working Space, Add	*7.04*	
		For Elevated Installation >10' To 15', Add	*2.35*	
		For Elevated Installation >15' To 20', Add	*4.69*	
		For Elevated Installation >20' To 25', Add	*5.86*	
		For Elevated Installation >25' To 30', Add	*8.21*	
		For Elevated Installation >30' To 35', Add	*9.38*	
		For Elevated Installation >35' To 40', Add	*11.73*	
		For Elevated Installation >40', Add	*12.90*	
26 05 33 13-0631	EA	3" Electrical Metallic Tubing (EMT) Set Screw Coupling	35.31	10.79
		For Work In Restricted Working Space, Add	*8.79*	
		For Elevated Installation >10' To 15', Add	*2.93*	
		For Elevated Installation >15' To 20', Add	*5.86*	
		For Elevated Installation >20' To 25', Add	*7.33*	
		For Elevated Installation >25' To 30', Add	*10.26*	
		For Elevated Installation >30' To 35', Add	*11.72*	
		For Elevated Installation >35' To 40', Add	*14.65*	
		For Elevated Installation >40', Add	*16.12*	
26 05 33 13-0632	EA	3-1/2" Electrical Metallic Tubing (EMT) Set Screw Coupling	39.92	11.72
		For Work In Restricted Working Space, Add	*10.55*	
		For Elevated Installation >10' To 15', Add	*3.52*	
		For Elevated Installation >15' To 20', Add	*7.03*	
		For Elevated Installation >20' To 25', Add	*8.79*	
		For Elevated Installation >25' To 30', Add	*12.31*	
		For Elevated Installation >30' To 35', Add	*14.06*	
		For Elevated Installation >35' To 40', Add	*17.58*	
		For Elevated Installation >40', Add	*19.34*	
26 05 33 13-0633	EA	4" Electrical Metallic Tubing (EMT) Set Screw Coupling	115.17	32.96
		For Work In Restricted Working Space, Add	*32.01*	
		For Elevated Installation >10' To 15', Add	*10.67*	
		For Elevated Installation >15' To 20', Add	*21.34*	
		For Elevated Installation >20' To 25', Add	*26.67*	
		For Elevated Installation >25' To 30', Add	*37.34*	
		For Elevated Installation >30' To 35', Add	*42.68*	
		For Elevated Installation >35' To 40', Add	*53.35*	
		For Elevated Installation >40', Add	*58.68*	

26 05 33 13-0634 Electrical Metallic Tubing (EMT) Compression Couplings *(26 05 33 13-0589)*

26 05 33 13-0635	EA	1/2 Electrical Metallic Tubing (EMT) Compression Coupling	7.68	2.82
		For Work In Restricted Working Space, Add	*2.11*	
		For Elevated Installation >10' To 15', Add	*0.70*	
		For Elevated Installation >15' To 20', Add	*1.41*	
		For Elevated Installation >20' To 25', Add	*1.76*	
		For Elevated Installation >25' To 30', Add	*2.46*	
		For Elevated Installation >30' To 35', Add	*2.82*	
		For Elevated Installation >35' To 40', Add	*3.52*	
		For Elevated Installation >40', Add	*3.87*	
26 05 33 13-0636	EA	3/4" Electrical Metallic Tubing (EMT) Compression Coupling	8.91	3.28
		For Work In Restricted Working Space, Add	*2.46*	
		For Elevated Installation >10' To 15', Add	*0.82*	
		For Elevated Installation >15' To 20', Add	*1.64*	
		For Elevated Installation >20' To 25', Add	*2.05*	
		For Elevated Installation >25' To 30', Add	*2.87*	
		For Elevated Installation >30' To 35', Add	*3.28*	
		For Elevated Installation >35' To 40', Add	*4.11*	
		For Elevated Installation >40', Add	*4.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0637	EA	1" Electrical Metallic Tubing (EMT) Compression Coupling	12.69	4.69
		For Work In Restricted Working Space, Add	*3.52*	
		For Elevated Installation >10' To 15', Add	*1.17*	
		For Elevated Installation >15' To 20', Add	*2.34*	
		For Elevated Installation >20' To 25', Add	*2.93*	
		For Elevated Installation >25' To 30', Add	*4.10*	
		For Elevated Installation >30' To 35', Add	*4.69*	
		For Elevated Installation >35' To 40', Add	*5.86*	
		For Elevated Installation >40', Add	*6.45*	
26 05 33 13-0638	EA	1-1/4" Electrical Metallic Tubing (EMT) Compression Coupling	16.09	5.62
		For Work In Restricted Working Space, Add	*4.22*	
		For Elevated Installation >10' To 15', Add	*1.41*	
		For Elevated Installation >15' To 20', Add	*2.81*	
		For Elevated Installation >20' To 25', Add	*3.52*	
		For Elevated Installation >25' To 30', Add	*4.92*	
		For Elevated Installation >30' To 35', Add	*5.62*	
		For Elevated Installation >35' To 40', Add	*7.03*	
		For Elevated Installation >40', Add	*7.73*	
26 05 33 13-0639	EA	1-1/2" Electrical Metallic Tubing (EMT) Compression Coupling	19.27	6.57
		For Work In Restricted Working Space, Add	*4.92*	
		For Elevated Installation >10' To 15', Add	*1.64*	
		For Elevated Installation >15' To 20', Add	*3.28*	
		For Elevated Installation >20' To 25', Add	*4.10*	
		For Elevated Installation >25' To 30', Add	*5.74*	
		For Elevated Installation >30' To 35', Add	*6.56*	
		For Elevated Installation >35' To 40', Add	*8.21*	
		For Elevated Installation >40', Add	*9.03*	
26 05 33 13-0640	EA	2" Electrical Metallic Tubing (EMT) Compression Coupling	25.60	8.44
		For Work In Restricted Working Space, Add	*6.33*	
		For Elevated Installation >10' To 15', Add	*2.11*	
		For Elevated Installation >15' To 20', Add	*4.22*	
		For Elevated Installation >20' To 25', Add	*5.28*	
		For Elevated Installation >25' To 30', Add	*7.39*	
		For Elevated Installation >30' To 35', Add	*8.44*	
		For Elevated Installation >35' To 40', Add	*10.55*	
		For Elevated Installation >40', Add	*11.61*	
26 05 33 13-0641	EA	2-1/2" Electrical Metallic Tubing (EMT) Compression Coupling	39.88	11.26
		For Work In Restricted Working Space, Add	*8.44*	
		For Elevated Installation >10' To 15', Add	*2.81*	
		For Elevated Installation >15' To 20', Add	*5.63*	
		For Elevated Installation >20' To 25', Add	*7.03*	
		For Elevated Installation >25' To 30', Add	*9.85*	
		For Elevated Installation >30' To 35', Add	*11.25*	
		For Elevated Installation >35' To 40', Add	*14.07*	
		For Elevated Installation >40', Add	*15.47*	
26 05 33 13-0642	EA	3" Electrical Metallic Tubing (EMT) Compression Coupling	46.17	13.13
		For Work In Restricted Working Space, Add	*9.85*	
		For Elevated Installation >10' To 15', Add	*3.28*	
		For Elevated Installation >15' To 20', Add	*6.56*	
		For Elevated Installation >20' To 25', Add	*8.21*	
		For Elevated Installation >25' To 30', Add	*11.49*	
		For Elevated Installation >30' To 35', Add	*13.13*	
		For Elevated Installation >35' To 40', Add	*16.41*	
		For Elevated Installation >40', Add	*18.05*	
26 05 33 13-0643	EA	3-1/2" Electrical Metallic Tubing (EMT) Compression Coupling	57.73	16.41
		For Work In Restricted Working Space, Add	*12.31*	
		For Elevated Installation >10' To 15', Add	*4.10*	
		For Elevated Installation >15' To 20', Add	*8.21*	
		For Elevated Installation >20' To 25', Add	*10.26*	
		For Elevated Installation >25' To 30', Add	*14.36*	
		For Elevated Installation >30' To 35', Add	*16.41*	
		For Elevated Installation >35' To 40', Add	*20.52*	
		For Elevated Installation >40', Add	*22.57*	
26 05 33 13-0644	EA	4" Electrical Metallic Tubing (EMT) Compression Coupling	74.05	21.10
		For Work In Restricted Working Space, Add	*15.83*	
		For Elevated Installation >10' To 15', Add	*5.28*	
		For Elevated Installation >15' To 20', Add	*10.55*	
		For Elevated Installation >20' To 25', Add	*13.19*	
		For Elevated Installation >25' To 30', Add	*18.46*	
		For Elevated Installation >30' To 35', Add	*21.10*	
		For Elevated Installation >35' To 40', Add	*26.38*	
		For Elevated Installation >40', Add	*29.01*	

26 05 33 13-0645 Electrical Metallic Tubing (EMT) Raintight Compression Couplings *(26 05 33 13-0589)*

26 05 33 13-0646	EA	1/2 Electrical Metallic Tubing (EMT) Raintight Compression Coupling	8.59	2.82
		For Work In Restricted Working Space, Add	*2.11*	
		For Elevated Installation >10' To 15', Add	*0.70*	
		For Elevated Installation >15' To 20', Add	*1.41*	
		For Elevated Installation >20' To 25', Add	*1.76*	
		For Elevated Installation >25' To 30', Add	*2.46*	
		For Elevated Installation >30' To 35', Add	*2.82*	
		For Elevated Installation >35' To 40', Add	*3.52*	
		For Elevated Installation >40', Add	*3.87*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0647	EA	3/4" Electrical Metallic Tubing (EMT) Raintight Compression Coupling	9.91	3.28
		For Work In Restricted Working Space, Add	*2.46*	
		For Elevated Installation >10' To 15', Add	*0.82*	
		For Elevated Installation >15' To 20', Add	*1.64*	
		For Elevated Installation >20' To 25', Add	*2.05*	
		For Elevated Installation >25' To 30', Add	*2.87*	
		For Elevated Installation >30' To 35', Add	*3.28*	
		For Elevated Installation >35' To 40', Add	*4.11*	
		For Elevated Installation >40', Add	*4.52*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.46*	
26 05 33 13-0648	EA	1" Electrical Metallic Tubing (EMT) Raintight Compression Coupling	14.60	4.69
		For Work In Restricted Working Space, Add	*3.52*	
		For Elevated Installation >10' To 15', Add	*1.17*	
		For Elevated Installation >15' To 20', Add	*2.35*	
		For Elevated Installation >20' To 25', Add	*2.93*	
		For Elevated Installation >25' To 30', Add	*4.11*	
		For Elevated Installation >30' To 35', Add	*4.69*	
		For Elevated Installation >35' To 40', Add	*5.87*	
		For Elevated Installation >40', Add	*6.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.52*	
26 05 33 13-0649	EA	1-1/4" Electrical Metallic Tubing (EMT) Raintight Compression Coupling	18.40	5.62
		For Work In Restricted Working Space, Add	*4.22*	
		For Elevated Installation >10' To 15', Add	*1.41*	
		For Elevated Installation >15' To 20', Add	*2.81*	
		For Elevated Installation >20' To 25', Add	*3.52*	
		For Elevated Installation >25' To 30', Add	*4.92*	
		For Elevated Installation >30' To 35', Add	*5.62*	
		For Elevated Installation >35' To 40', Add	*7.03*	
		For Elevated Installation >40', Add	*7.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.22*	
26 05 33 13-0650	EA	1-1/2" Electrical Metallic Tubing (EMT) Raintight Compression Coupling	23.37	6.57
		For Work In Restricted Working Space, Add	*4.92*	
		For Elevated Installation >10' To 15', Add	*1.64*	
		For Elevated Installation >15' To 20', Add	*3.28*	
		For Elevated Installation >20' To 25', Add	*4.10*	
		For Elevated Installation >25' To 30', Add	*5.74*	
		For Elevated Installation >30' To 35', Add	*6.56*	
		For Elevated Installation >35' To 40', Add	*8.21*	
		For Elevated Installation >40', Add	*9.03*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.92*	
26 05 33 13-0651	EA	2" Electrical Metallic Tubing (EMT) Raintight Compression Coupling	28.48	7.97
		For Work In Restricted Working Space, Add	*5.98*	
		For Elevated Installation >10' To 15', Add	*1.99*	
		For Elevated Installation >15' To 20', Add	*3.99*	
		For Elevated Installation >20' To 25', Add	*4.98*	
		For Elevated Installation >25' To 30', Add	*6.98*	
		For Elevated Installation >30' To 35', Add	*7.97*	
		For Elevated Installation >35' To 40', Add	*9.97*	
		For Elevated Installation >40', Add	*10.96*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.98*	
26 05 33 13-0652	EA	2-1/2" Electrical Metallic Tubing (EMT) Raintight Compression Coupling	38.34	10.79
		For Work In Restricted Working Space, Add	*8.09*	
		For Elevated Installation >10' To 15', Add	*2.70*	
		For Elevated Installation >15' To 20', Add	*5.39*	
		For Elevated Installation >20' To 25', Add	*6.74*	
		For Elevated Installation >25' To 30', Add	*9.44*	
		For Elevated Installation >30' To 35', Add	*10.78*	
		For Elevated Installation >35' To 40', Add	*13.48*	
		For Elevated Installation >40', Add	*14.83*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.09*	
26 05 33 13-0653	EA	3" Electrical Metallic Tubing (EMT) Raintight Compression Coupling	48.28	13.13
		For Work In Restricted Working Space, Add	*9.85*	
		For Elevated Installation >10' To 15', Add	*3.28*	
		For Elevated Installation >15' To 20', Add	*6.56*	
		For Elevated Installation >20' To 25', Add	*8.21*	
		For Elevated Installation >25' To 30', Add	*11.49*	
		For Elevated Installation >30' To 35', Add	*13.13*	
		For Elevated Installation >35' To 40', Add	*16.41*	
		For Elevated Installation >40', Add	*18.05*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.85*	
26 05 33 13-0654	EA	3-1/2" Electrical Metallic Tubing (EMT) Raintight Compression Coupling	63.39	16.41
		For Work In Restricted Working Space, Add	*12.31*	
		For Elevated Installation >10' To 15', Add	*4.10*	
		For Elevated Installation >15' To 20', Add	*8.21*	
		For Elevated Installation >20' To 25', Add	*10.26*	
		For Elevated Installation >25' To 30', Add	*14.36*	
		For Elevated Installation >30' To 35', Add	*16.41*	
		For Elevated Installation >35' To 40', Add	*20.52*	
		For Elevated Installation >40', Add	*22.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0655	EA	4" Electrical Metallic Tubing (EMT) Raintight Compression Coupling	77.75	21.10
		For Work In Restricted Working Space, Add	*15.83*	
		For Elevated Installation >10' To 15', Add	*5.28*	
		For Elevated Installation >15' To 20', Add	*10.55*	
		For Elevated Installation >20' To 25', Add	*13.19*	
		For Elevated Installation >25' To 30', Add	*18.46*	
		For Elevated Installation >30' To 35', Add	*21.10*	
		For Elevated Installation >35' To 40', Add	*26.38*	
		For Elevated Installation >40', Add	*29.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.83*	

26 05 33 13-0656 Electrical Metallic Tubing (EMT) Insulated Bushing *(26 05 33 13-0589)*

26 05 33 13-0657	EA	1/2" Electrical Metallic Tubing (EMT) Insulated Bushing	7.94	3.17
		For Work In Restricted Working Space, Add	*2.36*	
		For Elevated Installation >10' To 15', Add	*0.79*	
		For Elevated Installation >15' To 20', Add	*1.57*	
		For Elevated Installation >20' To 25', Add	*1.96*	
		For Elevated Installation >25' To 30', Add	*2.75*	
		For Elevated Installation >30' To 35', Add	*3.14*	
		For Elevated Installation >35' To 40', Add	*3.93*	
		For Elevated Installation >40', Add	*4.32*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.36*	
26 05 33 13-0658	EA	3/4" Electrical Metallic Tubing (EMT) Insulated Bushing	8.69	3.40
		For Work In Restricted Working Space, Add	*2.57*	
		For Elevated Installation >10' To 15', Add	*0.86*	
		For Elevated Installation >15' To 20', Add	*1.71*	
		For Elevated Installation >20' To 25', Add	*2.14*	
		For Elevated Installation >25' To 30', Add	*3.00*	
		For Elevated Installation >30' To 35', Add	*3.42*	
		For Elevated Installation >35' To 40', Add	*4.28*	
		For Elevated Installation >40', Add	*4.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.57*	
26 05 33 13-0659	EA	1" Electrical Metallic Tubing (EMT) Insulated Bushing	10.86	4.22
		For Work In Restricted Working Space, Add	*3.13*	
		For Elevated Installation >10' To 15', Add	*1.04*	
		For Elevated Installation >15' To 20', Add	*2.09*	
		For Elevated Installation >20' To 25', Add	*2.61*	
		For Elevated Installation >25' To 30', Add	*3.65*	
		For Elevated Installation >30' To 35', Add	*4.17*	
		For Elevated Installation >35' To 40', Add	*5.22*	
		For Elevated Installation >40', Add	*5.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.13*	
26 05 33 13-0660	EA	1-1/4" Electrical Metallic Tubing (EMT) Insulated Bushing	13.89	5.39
		For Work In Restricted Working Space, Add	*4.01*	
		For Elevated Installation >10' To 15', Add	*1.34*	
		For Elevated Installation >15' To 20', Add	*2.67*	
		For Elevated Installation >20' To 25', Add	*3.34*	
		For Elevated Installation >25' To 30', Add	*4.68*	
		For Elevated Installation >30' To 35', Add	*5.34*	
		For Elevated Installation >35' To 40', Add	*6.68*	
		For Elevated Installation >40', Add	*7.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.01*	
26 05 33 13-0661	EA	1-1/2" Electrical Metallic Tubing (EMT) Insulated Bushing	16.42	6.21
		For Work In Restricted Working Space, Add	*4.68*	
		For Elevated Installation >10' To 15', Add	*1.56*	
		For Elevated Installation >15' To 20', Add	*3.12*	
		For Elevated Installation >20' To 25', Add	*3.90*	
		For Elevated Installation >25' To 30', Add	*5.46*	
		For Elevated Installation >30' To 35', Add	*6.24*	
		For Elevated Installation >35' To 40', Add	*7.80*	
		For Elevated Installation >40', Add	*8.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.68*	
26 05 33 13-0662	EA	2" Electrical Metallic Tubing (EMT) Insulated Bushing	20.15	7.50
		For Work In Restricted Working Space, Add	*5.63*	
		For Elevated Installation >10' To 15', Add	*1.88*	
		For Elevated Installation >15' To 20', Add	*3.75*	
		For Elevated Installation >20' To 25', Add	*4.69*	
		For Elevated Installation >25' To 30', Add	*6.56*	
		For Elevated Installation >30' To 35', Add	*7.50*	
		For Elevated Installation >35' To 40', Add	*9.38*	
		For Elevated Installation >40', Add	*10.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.63*	
26 05 33 13-0663	EA	2-1/2" Electrical Metallic Tubing (EMT) Insulated Bushing	29.04	10.43
		For Work In Restricted Working Space, Add	*7.81*	
		For Elevated Installation >10' To 15', Add	*2.60*	
		For Elevated Installation >15' To 20', Add	*5.20*	
		For Elevated Installation >20' To 25', Add	*6.51*	
		For Elevated Installation >25' To 30', Add	*9.11*	
		For Elevated Installation >30' To 35', Add	*10.41*	
		For Elevated Installation >35' To 40', Add	*13.01*	
		For Elevated Installation >40', Add	*14.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0664	EA	3" Electrical Metallic Tubing (EMT) Insulated Bushing	38.53	13.83
		For Work In Restricted Working Space, Add	*10.41*	
		For Elevated Installation >10' To 15', Add	*3.47*	
		For Elevated Installation >15' To 20', Add	*6.94*	
		For Elevated Installation >20' To 25', Add	*8.67*	
		For Elevated Installation >25' To 30', Add	*12.14*	
		For Elevated Installation >30' To 35', Add	*13.88*	
		For Elevated Installation >35' To 40', Add	*17.35*	
		For Elevated Installation >40', Add	*19.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.41*	
26 05 33 13-0665	EA	3-1/2" Electrical Metallic Tubing (EMT) Insulated Bushing	49.39	17.81
		For Work In Restricted Working Space, Add	*13.40*	
		For Elevated Installation >10' To 15', Add	*4.47*	
		For Elevated Installation >15' To 20', Add	*8.93*	
		For Elevated Installation >20' To 25', Add	*11.17*	
		For Elevated Installation >25' To 30', Add	*15.63*	
		For Elevated Installation >30' To 35', Add	*17.86*	
		For Elevated Installation >35' To 40', Add	*22.33*	
		For Elevated Installation >40', Add	*24.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.40*	
26 05 33 13-0666	EA	4" Electrical Metallic Tubing (EMT) Insulated Bushing	63.88	23.45
		For Work In Restricted Working Space, Add	*17.58*	
		For Elevated Installation >10' To 15', Add	*5.86*	
		For Elevated Installation >15' To 20', Add	*11.72*	
		For Elevated Installation >20' To 25', Add	*14.65*	
		For Elevated Installation >25' To 30', Add	*20.51*	
		For Elevated Installation >30' To 35', Add	*23.44*	
		For Elevated Installation >35' To 40', Add	*29.31*	
		For Elevated Installation >40', Add	*32.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.58*	

26 05 33 13-0667 Electrical Metallic Tubing (EMT) Straight Box Connectors With Set Screw *(26 05 33 13-0589)*

26 05 33 13-0668	EA	1/2" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	6.07	2.35
		For Work In Restricted Working Space, Add	*1.76*	
		For Elevated Installation >10' To 15', Add	*0.59*	
		For Elevated Installation >15' To 20', Add	*1.17*	
		For Elevated Installation >20' To 25', Add	*1.47*	
		For Elevated Installation >25' To 30', Add	*2.05*	
		For Elevated Installation >30' To 35', Add	*2.34*	
		For Elevated Installation >35' To 40', Add	*2.93*	
		For Elevated Installation >40', Add	*3.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.76*	
26 05 33 13-0669	EA	3/4" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	7.37	2.82
		For Work In Restricted Working Space, Add	*2.11*	
		For Elevated Installation >10' To 15', Add	*0.70*	
		For Elevated Installation >15' To 20', Add	*1.41*	
		For Elevated Installation >20' To 25', Add	*1.76*	
		For Elevated Installation >25' To 30', Add	*2.46*	
		For Elevated Installation >30' To 35', Add	*2.82*	
		For Elevated Installation >35' To 40', Add	*3.52*	
		For Elevated Installation >40', Add	*3.87*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.11*	
26 05 33 13-0670	EA	1" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	8.79	3.28
		For Work In Restricted Working Space, Add	*2.46*	
		For Elevated Installation >10' To 15', Add	*0.82*	
		For Elevated Installation >15' To 20', Add	*1.64*	
		For Elevated Installation >20' To 25', Add	*2.05*	
		For Elevated Installation >25' To 30', Add	*2.87*	
		For Elevated Installation >30' To 35', Add	*3.28*	
		For Elevated Installation >35' To 40', Add	*4.11*	
		For Elevated Installation >40', Add	*4.52*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.46*	
26 05 33 13-0671	EA	1-1/4" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	12.78	4.69
		For Work In Restricted Working Space, Add	*3.52*	
		For Elevated Installation >10' To 15', Add	*1.17*	
		For Elevated Installation >15' To 20', Add	*2.34*	
		For Elevated Installation >20' To 25', Add	*2.93*	
		For Elevated Installation >25' To 30', Add	*4.10*	
		For Elevated Installation >30' To 35', Add	*4.69*	
		For Elevated Installation >35' To 40', Add	*5.86*	
		For Elevated Installation >40', Add	*6.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.52*	
26 05 33 13-0672	EA	1-1/2" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	15.60	5.62
		For Work In Restricted Working Space, Add	*4.22*	
		For Elevated Installation >10' To 15', Add	*1.41*	
		For Elevated Installation >15' To 20', Add	*2.81*	
		For Elevated Installation >20' To 25', Add	*3.52*	
		For Elevated Installation >25' To 30', Add	*4.92*	
		For Elevated Installation >30' To 35', Add	*5.62*	
		For Elevated Installation >35' To 40', Add	*7.03*	
		For Elevated Installation >40', Add	*7.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0673	EA	2" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	19.86	7.04
		For Work In Restricted Working Space, Add	*5.27*	
		For Elevated Installation >10' To 15', Add	*1.76*	
		For Elevated Installation >15' To 20', Add	*3.52*	
		For Elevated Installation >20' To 25', Add	*4.40*	
		For Elevated Installation >25' To 30', Add	*6.15*	
		For Elevated Installation >30' To 35', Add	*7.03*	
		For Elevated Installation >35' To 40', Add	*8.79*	
		For Elevated Installation >40', Add	*9.67*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.27*	
26 05 33 13-0674	EA	2-1/2" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	29.80	9.37
		For Work In Restricted Working Space, Add	*7.04*	
		For Elevated Installation >10' To 15', Add	*2.35*	
		For Elevated Installation >15' To 20', Add	*4.69*	
		For Elevated Installation >20' To 25', Add	*5.86*	
		For Elevated Installation >25' To 30', Add	*8.21*	
		For Elevated Installation >30' To 35', Add	*9.38*	
		For Elevated Installation >35' To 40', Add	*11.73*	
		For Elevated Installation >40', Add	*12.90*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.04*	
26 05 33 13-0675	EA	3" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	37.06	11.72
		For Work In Restricted Working Space, Add	*8.79*	
		For Elevated Installation >10' To 15', Add	*2.93*	
		For Elevated Installation >15' To 20', Add	*5.86*	
		For Elevated Installation >20' To 25', Add	*7.33*	
		For Elevated Installation >25' To 30', Add	*10.26*	
		For Elevated Installation >30' To 35', Add	*11.72*	
		For Elevated Installation >35' To 40', Add	*14.65*	
		For Elevated Installation >40', Add	*16.12*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.79*	
26 05 33 13-0676	EA	3-1/2" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	43.88	14.06
		For Work In Restricted Working Space, Add	*10.55*	
		For Elevated Installation >10' To 15', Add	*3.52*	
		For Elevated Installation >15' To 20', Add	*7.03*	
		For Elevated Installation >20' To 25', Add	*8.79*	
		For Elevated Installation >25' To 30', Add	*12.31*	
		For Elevated Installation >30' To 35', Add	*14.06*	
		For Elevated Installation >35' To 40', Add	*17.58*	
		For Elevated Installation >40', Add	*19.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.55*	
26 05 33 13-0677	EA	4" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	51.13	16.41
		For Work In Restricted Working Space, Add	*12.31*	
		For Elevated Installation >10' To 15', Add	*4.10*	
		For Elevated Installation >15' To 20', Add	*8.21*	
		For Elevated Installation >20' To 25', Add	*10.26*	
		For Elevated Installation >25' To 30', Add	*14.36*	
		For Elevated Installation >30' To 35', Add	*16.41*	
		For Elevated Installation >35' To 40', Add	*20.52*	
		For Elevated Installation >40', Add	*22.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.31*	

26 05 33 13-0678 Electrical Metallic Tubing (EMT) Insulated Straight Box Connectors With Set Screw *(26 05 33 13-0589)*

26 05 33 13-0679	EA	1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	8.19	3.17
		For Work In Restricted Working Space, Add	*2.36*	
		For Elevated Installation >10' To 15', Add	*0.79*	
		For Elevated Installation >15' To 20', Add	*1.57*	
		For Elevated Installation >20' To 25', Add	*1.96*	
		For Elevated Installation >25' To 30', Add	*2.75*	
		For Elevated Installation >30' To 35', Add	*3.14*	
		For Elevated Installation >35' To 40', Add	*3.93*	
		For Elevated Installation >40', Add	*4.32*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.36*	
26 05 33 13-0680	EA	3/4" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	9.10	3.40
		For Work In Restricted Working Space, Add	*2.57*	
		For Elevated Installation >10' To 15', Add	*0.86*	
		For Elevated Installation >15' To 20', Add	*1.71*	
		For Elevated Installation >20' To 25', Add	*2.14*	
		For Elevated Installation >25' To 30', Add	*3.00*	
		For Elevated Installation >30' To 35', Add	*3.42*	
		For Elevated Installation >35' To 40', Add	*4.28*	
		For Elevated Installation >40', Add	*4.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.57*	
26 05 33 13-0681	EA	1" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	11.40	4.22
		For Work In Restricted Working Space, Add	*3.13*	
		For Elevated Installation >10' To 15', Add	*1.04*	
		For Elevated Installation >15' To 20', Add	*2.09*	
		For Elevated Installation >20' To 25', Add	*2.61*	
		For Elevated Installation >25' To 30', Add	*3.65*	
		For Elevated Installation >30' To 35', Add	*4.17*	
		For Elevated Installation >35' To 40', Add	*5.22*	
		For Elevated Installation >40', Add	*5.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.13*	

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	MINOR CSI UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0682	EA	1-1/4" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	14.97	5.39
		For Work In Restricted Working Space, Add	*4.01*	
		For Elevated Installation >10' To 15', Add	*1.34*	
		For Elevated Installation >15' To 20', Add	*2.67*	
		For Elevated Installation >20' To 25', Add	*3.34*	
		For Elevated Installation >25' To 30', Add	*4.68*	
		For Elevated Installation >30' To 35', Add	*5.34*	
		For Elevated Installation >35' To 40', Add	*6.68*	
		For Elevated Installation >40', Add	*7.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.01*	
26 05 33 13-0683	EA	1-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	17.73	6.21
		For Work In Restricted Working Space, Add	*4.68*	
		For Elevated Installation >10' To 15', Add	*1.56*	
		For Elevated Installation >15' To 20', Add	*3.12*	
		For Elevated Installation >20' To 25', Add	*3.90*	
		For Elevated Installation >25' To 30', Add	*5.46*	
		For Elevated Installation >30' To 35', Add	*6.24*	
		For Elevated Installation >35' To 40', Add	*7.80*	
		For Elevated Installation >40', Add	*8.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.68*	
26 05 33 13-0684	EA	2" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	21.69	7.50
		For Work In Restricted Working Space, Add	*5.63*	
		For Elevated Installation >10' To 15', Add	*1.88*	
		For Elevated Installation >15' To 20', Add	*3.75*	
		For Elevated Installation >20' To 25', Add	*4.69*	
		For Elevated Installation >25' To 30', Add	*6.56*	
		For Elevated Installation >30' To 35', Add	*7.50*	
		For Elevated Installation >35' To 40', Add	*9.38*	
		For Elevated Installation >40', Add	*10.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.63*	
26 05 33 13-0685	EA	2-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	35.63	10.43
		For Work In Restricted Working Space, Add	*7.81*	
		For Elevated Installation >10' To 15', Add	*2.60*	
		For Elevated Installation >15' To 20', Add	*5.20*	
		For Elevated Installation >20' To 25', Add	*6.51*	
		For Elevated Installation >25' To 30', Add	*9.11*	
		For Elevated Installation >30' To 35', Add	*10.41*	
		For Elevated Installation >35' To 40', Add	*13.01*	
		For Elevated Installation >40', Add	*14.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.81*	
26 05 33 13-0686	EA	3" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	46.18	13.83
		For Work In Restricted Working Space, Add	*10.41*	
		For Elevated Installation >10' To 15', Add	*3.47*	
		For Elevated Installation >15' To 20', Add	*6.94*	
		For Elevated Installation >20' To 25', Add	*8.67*	
		For Elevated Installation >25' To 30', Add	*12.14*	
		For Elevated Installation >30' To 35', Add	*13.88*	
		For Elevated Installation >35' To 40', Add	*17.35*	
		For Elevated Installation >40', Add	*19.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.41*	
26 05 33 13-0687	EA	3-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	59.03	17.81
		For Work In Restricted Working Space, Add	*13.40*	
		For Elevated Installation >10' To 15', Add	*4.47*	
		For Elevated Installation >15' To 20', Add	*8.93*	
		For Elevated Installation >20' To 25', Add	*11.17*	
		For Elevated Installation >25' To 30', Add	*15.63*	
		For Elevated Installation >30' To 35', Add	*17.86*	
		For Elevated Installation >35' To 40', Add	*22.33*	
		For Elevated Installation >40', Add	*24.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.40*	
26 05 33 13-0688	EA	4" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	74.42	23.45
		For Work In Restricted Working Space, Add	*17.58*	
		For Elevated Installation >10' To 15', Add	*5.86*	
		For Elevated Installation >15' To 20', Add	*11.72*	
		For Elevated Installation >20' To 25', Add	*14.65*	
		For Elevated Installation >25' To 30', Add	*20.51*	
		For Elevated Installation >30' To 35', Add	*23.44*	
		For Elevated Installation >35' To 40', Add	*29.31*	
		For Elevated Installation >40', Add	*32.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.58*	

26 05 33 13-0689 Electrical Metallic Tubing (EMT) Straight Box Compression Connectors *(26 05 33 13-0589)*

26 05 33 13-0690	EA	1/2" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	7.37	2.82
		For Work In Restricted Working Space, Add	*2.11*	
		For Elevated Installation >10' To 15', Add	*0.70*	
		For Elevated Installation >15' To 20', Add	*1.41*	
		For Elevated Installation >20' To 25', Add	*1.76*	
		For Elevated Installation >25' To 30', Add	*2.46*	
		For Elevated Installation >30' To 35', Add	*2.82*	
		For Elevated Installation >35' To 40', Add	*3.52*	
		For Elevated Installation >40', Add	*3.87*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0691	EA	3/4" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	8.71	3.28
		For Work In Restricted Working Space, Add	*2.46*	
		For Elevated Installation >10' To 15', Add	*0.82*	
		For Elevated Installation >15' To 20', Add	*1.64*	
		For Elevated Installation >20' To 25', Add	*2.05*	
		For Elevated Installation >25' To 30', Add	*2.87*	
		For Elevated Installation >30' To 35', Add	*3.28*	
		For Elevated Installation >35' To 40', Add	*4.11*	
		For Elevated Installation >40', Add	*4.52*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.46*	
26 05 33 13-0692	EA	1" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	12.43	4.69
		For Work In Restricted Working Space, Add	*3.52*	
		For Elevated Installation >10' To 15', Add	*1.17*	
		For Elevated Installation >15' To 20', Add	*2.34*	
		For Elevated Installation >20' To 25', Add	*2.93*	
		For Elevated Installation >25' To 30', Add	*4.10*	
		For Elevated Installation >30' To 35', Add	*4.69*	
		For Elevated Installation >35' To 40', Add	*5.86*	
		For Elevated Installation >40', Add	*6.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.52*	
26 05 33 13-0693	EA	1-1/4" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	15.40	5.62
		For Work In Restricted Working Space, Add	*4.22*	
		For Elevated Installation >10' To 15', Add	*1.41*	
		For Elevated Installation >15' To 20', Add	*2.81*	
		For Elevated Installation >20' To 25', Add	*3.52*	
		For Elevated Installation >25' To 30', Add	*4.92*	
		For Elevated Installation >30' To 35', Add	*5.62*	
		For Elevated Installation >35' To 40', Add	*7.03*	
		For Elevated Installation >40', Add	*7.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.22*	
26 05 33 13-0694	EA	1-1/2" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	18.29	6.57
		For Work In Restricted Working Space, Add	*4.92*	
		For Elevated Installation >10' To 15', Add	*1.64*	
		For Elevated Installation >15' To 20', Add	*3.28*	
		For Elevated Installation >20' To 25', Add	*4.10*	
		For Elevated Installation >25' To 30', Add	*5.74*	
		For Elevated Installation >30' To 35', Add	*6.56*	
		For Elevated Installation >35' To 40', Add	*8.21*	
		For Elevated Installation >40', Add	*9.03*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.92*	
26 05 33 13-0695	EA	2" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	23.83	8.44
		For Work In Restricted Working Space, Add	*6.33*	
		For Elevated Installation >10' To 15', Add	*2.11*	
		For Elevated Installation >15' To 20', Add	*4.22*	
		For Elevated Installation >20' To 25', Add	*5.28*	
		For Elevated Installation >25' To 30', Add	*7.39*	
		For Elevated Installation >30' To 35', Add	*8.44*	
		For Elevated Installation >35' To 40', Add	*10.55*	
		For Elevated Installation >40', Add	*11.61*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.33*	
26 05 33 13-0696	EA	2-1/2" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	36.35	11.26
		For Work In Restricted Working Space, Add	*8.44*	
		For Elevated Installation >10' To 15', Add	*2.81*	
		For Elevated Installation >15' To 20', Add	*5.63*	
		For Elevated Installation >20' To 25', Add	*7.03*	
		For Elevated Installation >25' To 30', Add	*9.85*	
		For Elevated Installation >30' To 35', Add	*11.25*	
		For Elevated Installation >35' To 40', Add	*14.07*	
		For Elevated Installation >40', Add	*15.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.44*	
26 05 33 13-0697	EA	3" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	45.91	14.06
		For Work In Restricted Working Space, Add	*10.55*	
		For Elevated Installation >10' To 15', Add	*3.52*	
		For Elevated Installation >15' To 20', Add	*7.03*	
		For Elevated Installation >20' To 25', Add	*8.79*	
		For Elevated Installation >25' To 30', Add	*12.31*	
		For Elevated Installation >30' To 35', Add	*14.06*	
		For Elevated Installation >35' To 40', Add	*17.58*	
		For Elevated Installation >40', Add	*19.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.55*	
26 05 33 13-0698	EA	3-1/2" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	57.59	16.41
		For Work In Restricted Working Space, Add	*12.31*	
		For Elevated Installation >10' To 15', Add	*4.10*	
		For Elevated Installation >15' To 20', Add	*8.21*	
		For Elevated Installation >20' To 25', Add	*10.26*	
		For Elevated Installation >25' To 30', Add	*14.36*	
		For Elevated Installation >30' To 35', Add	*16.41*	
		For Elevated Installation >35' To 40', Add	*20.52*	
		For Elevated Installation >40', Add	*22.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.31*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0699		EA	4" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	64.84	18.75
			For Work In Restricted Working Space, Add	*14.06*	
			For Elevated Installation >10' To 15', Add	*4.69*	
			For Elevated Installation >15' To 20', Add	*9.38*	
			For Elevated Installation >20' To 25', Add	*11.72*	
			For Elevated Installation >25' To 30', Add	*16.41*	
			For Elevated Installation >30' To 35', Add	*18.75*	
			For Elevated Installation >35' To 40', Add	*23.44*	
			For Elevated Installation >40', Add	*25.78*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.06*	

26 05 33 13-0700 Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connectors *(26 05 33 13-0589)*

26 05 33 13-0701		EA	1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	8.41	3.17
			For Work In Restricted Working Space, Add	*2.36*	
			For Elevated Installation >10' To 15', Add	*0.79*	
			For Elevated Installation >15' To 20', Add	*1.57*	
			For Elevated Installation >20' To 25', Add	*1.96*	
			For Elevated Installation >25' To 30', Add	*2.75*	
			For Elevated Installation >30' To 35', Add	*3.14*	
			For Elevated Installation >35' To 40', Add	*3.93*	
			For Elevated Installation >40', Add	*4.32*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.36*	
26 05 33 13-0702		EA	3/4" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	9.34	3.40
			For Work In Restricted Working Space, Add	*2.57*	
			For Elevated Installation >10' To 15', Add	*0.86*	
			For Elevated Installation >15' To 20', Add	*1.71*	
			For Elevated Installation >20' To 25', Add	*2.14*	
			For Elevated Installation >25' To 30', Add	*3.00*	
			For Elevated Installation >30' To 35', Add	*3.42*	
			For Elevated Installation >35' To 40', Add	*4.28*	
			For Elevated Installation >40', Add	*4.71*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.57*	
26 05 33 13-0703		EA	1" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	11.59	4.22
			For Work In Restricted Working Space, Add	*3.13*	
			For Elevated Installation >10' To 15', Add	*1.04*	
			For Elevated Installation >15' To 20', Add	*2.09*	
			For Elevated Installation >20' To 25', Add	*2.61*	
			For Elevated Installation >25' To 30', Add	*3.65*	
			For Elevated Installation >30' To 35', Add	*4.17*	
			For Elevated Installation >35' To 40', Add	*5.22*	
			For Elevated Installation >40', Add	*5.74*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.13*	
26 05 33 13-0704		EA	1-1/4" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	15.53	5.39
			For Work In Restricted Working Space, Add	*4.01*	
			For Elevated Installation >10' To 15', Add	*1.34*	
			For Elevated Installation >15' To 20', Add	*2.67*	
			For Elevated Installation >20' To 25', Add	*3.34*	
			For Elevated Installation >25' To 30', Add	*4.68*	
			For Elevated Installation >30' To 35', Add	*5.34*	
			For Elevated Installation >35' To 40', Add	*6.68*	
			For Elevated Installation >40', Add	*7.35*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.01*	
26 05 33 13-0705		EA	1-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	18.66	6.21
			For Work In Restricted Working Space, Add	*4.68*	
			For Elevated Installation >10' To 15', Add	*1.56*	
			For Elevated Installation >15' To 20', Add	*3.12*	
			For Elevated Installation >20' To 25', Add	*3.90*	
			For Elevated Installation >25' To 30', Add	*5.46*	
			For Elevated Installation >30' To 35', Add	*6.24*	
			For Elevated Installation >35' To 40', Add	*7.80*	
			For Elevated Installation >40', Add	*8.57*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.68*	
26 05 33 13-0706		EA	2" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	23.04	7.50
			For Work In Restricted Working Space, Add	*5.63*	
			For Elevated Installation >10' To 15', Add	*1.88*	
			For Elevated Installation >15' To 20', Add	*3.75*	
			For Elevated Installation >20' To 25', Add	*4.69*	
			For Elevated Installation >25' To 30', Add	*6.56*	
			For Elevated Installation >30' To 35', Add	*7.50*	
			For Elevated Installation >35' To 40', Add	*9.38*	
			For Elevated Installation >40', Add	*10.31*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.63*	
26 05 33 13-0707		EA	2-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	40.59	10.43
			For Work In Restricted Working Space, Add	*7.81*	
			For Elevated Installation >10' To 15', Add	*2.60*	
			For Elevated Installation >15' To 20', Add	*5.20*	
			For Elevated Installation >20' To 25', Add	*6.51*	
			For Elevated Installation >25' To 30', Add	*9.11*	
			For Elevated Installation >30' To 35', Add	*10.41*	
			For Elevated Installation >35' To 40', Add	*13.01*	
			For Elevated Installation >40', Add	*14.31*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0708	EA	3" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	54.51	13.83
		For Work In Restricted Working Space, Add	*10.41*	
		For Elevated Installation >10' To 15', Add	*3.47*	
		For Elevated Installation >15' To 20', Add	*6.94*	
		For Elevated Installation >20' To 25', Add	*8.67*	
		For Elevated Installation >25' To 30', Add	*12.14*	
		For Elevated Installation >30' To 35', Add	*13.88*	
		For Elevated Installation >35' To 40', Add	*17.35*	
		For Elevated Installation >40', Add	*19.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.41*	
26 05 33 13-0709	EA	3-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	73.62	17.81
		For Work In Restricted Working Space, Add	*13.40*	
		For Elevated Installation >10' To 15', Add	*4.47*	
		For Elevated Installation >15' To 20', Add	*8.93*	
		For Elevated Installation >20' To 25', Add	*11.17*	
		For Elevated Installation >25' To 30', Add	*15.63*	
		For Elevated Installation >30' To 35', Add	*17.86*	
		For Elevated Installation >35' To 40', Add	*22.33*	
		For Elevated Installation >40', Add	*24.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.40*	
26 05 33 13-0710	EA	4" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	92.48	23.45
		For Work In Restricted Working Space, Add	*17.58*	
		For Elevated Installation >10' To 15', Add	*5.86*	
		For Elevated Installation >15' To 20', Add	*11.72*	
		For Elevated Installation >20' To 25', Add	*14.65*	
		For Elevated Installation >25' To 30', Add	*20.51*	
		For Elevated Installation >30' To 35', Add	*23.44*	
		For Elevated Installation >35' To 40', Add	*29.31*	
		For Elevated Installation >40', Add	*32.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.58*	

26 05 33 13-0711 Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapters

(26 05 33 13-0589)

26 05 33 13-0712	EA	1/2" To 3/8" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter	11.79	4.22
		For Work In Restricted Working Space, Add	*3.12*	
		For Elevated Installation >10' To 15', Add	*1.04*	
		For Elevated Installation >15' To 20', Add	*2.08*	
		For Elevated Installation >20' To 25', Add	*2.60*	
		For Elevated Installation >25' To 30', Add	*3.64*	
		For Elevated Installation >30' To 35', Add	*4.16*	
		For Elevated Installation >35' To 40', Add	*5.20*	
		For Elevated Installation >40', Add	*5.72*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.12*	
26 05 33 13-0713	EA	1/2" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter	12.54	4.22
		For Work In Restricted Working Space, Add	*3.12*	
		For Elevated Installation >10' To 15', Add	*1.04*	
		For Elevated Installation >15' To 20', Add	*2.08*	
		For Elevated Installation >20' To 25', Add	*2.60*	
		For Elevated Installation >25' To 30', Add	*3.64*	
		For Elevated Installation >30' To 35', Add	*4.16*	
		For Elevated Installation >35' To 40', Add	*5.20*	
		For Elevated Installation >40', Add	*5.72*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.12*	
26 05 33 13-0714	EA	3/4" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter	14.03	4.57
		For Work In Restricted Working Space, Add	*3.47*	
		For Elevated Installation >10' To 15', Add	*1.16*	
		For Elevated Installation >15' To 20', Add	*2.31*	
		For Elevated Installation >20' To 25', Add	*2.89*	
		For Elevated Installation >25' To 30', Add	*4.05*	
		For Elevated Installation >30' To 35', Add	*4.63*	
		For Elevated Installation >35' To 40', Add	*5.79*	
		For Elevated Installation >40', Add	*6.36*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.47*	
26 05 33 13-0715	EA	1" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter	16.31	5.27
		For Work In Restricted Working Space, Add	*3.95*	
		For Elevated Installation >10' To 15', Add	*1.32*	
		For Elevated Installation >15' To 20', Add	*2.63*	
		For Elevated Installation >20' To 25', Add	*3.29*	
		For Elevated Installation >25' To 30', Add	*4.61*	
		For Elevated Installation >30' To 35', Add	*5.26*	
		For Elevated Installation >35' To 40', Add	*6.58*	
		For Elevated Installation >40', Add	*7.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.95*	
26 05 33 13-0716	EA	1-1/4" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter	23.05	6.33
		For Work In Restricted Working Space, Add	*4.78*	
		For Elevated Installation >10' To 15', Add	*1.59*	
		For Elevated Installation >15' To 20', Add	*3.18*	
		For Elevated Installation >20' To 25', Add	*3.98*	
		For Elevated Installation >25' To 30', Add	*5.57*	
		For Elevated Installation >30' To 35', Add	*6.37*	
		For Elevated Installation >35' To 40', Add	*7.96*	
		For Elevated Installation >40', Add	*8.76*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0717	EA	1-1/2" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter	28.11	7.27
		For Work In Restricted Working Space, Add	*5.46*	
		For Elevated Installation >10' To 15', Add	*1.82*	
		For Elevated Installation >15' To 20', Add	*3.64*	
		For Elevated Installation >20' To 25', Add	*4.55*	
		For Elevated Installation >25' To 30', Add	*6.37*	
		For Elevated Installation >30' To 35', Add	*7.28*	
		For Elevated Installation >35' To 40', Add	*9.10*	
		For Elevated Installation >40', Add	*10.00*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.46*	
26 05 33 13-0718	EA	2" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter	36.57	9.14
		For Work In Restricted Working Space, Add	*6.82*	
		For Elevated Installation >10' To 15', Add	*2.27*	
		For Elevated Installation >15' To 20', Add	*4.55*	
		For Elevated Installation >20' To 25', Add	*5.68*	
		For Elevated Installation >25' To 30', Add	*7.96*	
		For Elevated Installation >30' To 35', Add	*9.09*	
		For Elevated Installation >35' To 40', Add	*11.37*	
		For Elevated Installation >40', Add	*12.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.82*	

26 05 33 13-0719 Electrical Metallic Tubing (EMT) Pulling Elbows *(26 05 33 13-0589)*

26 05 33 13-0720	EA	1/2" Electrical Metallic Tubing (EMT) Pulling Elbow With Set Screws	24.70	10.55
		For Work In Restricted Working Space, Add	*6.33*	
		For Elevated Installation >15' To 20', Add	*4.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.33*	
26 05 33 13-0721	EA	3/4" Electrical Metallic Tubing (EMT) Pulling Elbow With Set Screws	28.80	12.31
		For Work In Restricted Working Space, Add	*7.39*	
		For Elevated Installation >15' To 20', Add	*4.92*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.39*	
26 05 33 13-0722	EA	1" Electrical Metallic Tubing (EMT) Pulling Elbow With Set Screws	35.59	14.06
		For Work In Restricted Working Space, Add	*8.44*	
		For Elevated Installation >15' To 20', Add	*5.63*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.44*	
26 05 33 13-0723	EA	1-1/4" Electrical Metallic Tubing (EMT) Pulling Elbow With Set Screws	45.43	17.58
		For Work In Restricted Working Space, Add	*10.55*	
		For Elevated Installation >15' To 20', Add	*7.03*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.55*	

26 05 33 13-0724 Intermediate Metal Conduit (IMC) *(26 05 33 13-0059)*

Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.

26 05 33 13-0725 Intermediate Metal Conduit (IMC) Conduit *(26 05 33 13-0724)*

Note: Includes field bending conduit up to and including 1". See CSI section 26 05 33 13-1358 for field bending >1".

26 05 33 13-0726	LF	1/2" Intermediate Metal Conduit (IMC) Conduit	8.70	2.35
		For >500 To 1,000, Deduct	*-0.20*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.91*	
		For >1,000, Deduct	*-0.26*	
		For Elevated Installation >10' To 15', Add	*0.61*	
		For Elevated Installation >15' To 20', Add	*1.22*	
		For Elevated Installation >20' To 25', Add	*1.52*	
		For Elevated Installation >25' To 30', Add	*2.13*	
		For Elevated Installation >30' To 35', Add	*2.44*	
		For Elevated Installation >35' To 40', Add	*3.05*	
		For Elevated Installation >40', Add	*3.35*	
		For Work In Restricted Working Space, Add	*1.83*	
		For >250 To 500, Deduct	*-0.13*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.52*	
		For Installation In Metal Stud Wall, Add	*0.61*	
26 05 33 13-0727	LF	3/4" Intermediate Metal Conduit (IMC) Conduit	10.38	2.58
		For >500 To 1,000, Deduct	*-0.23*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.09*	
		For >1,000, Deduct	*-0.31*	
		For Elevated Installation >10' To 15', Add	*0.73*	
		For Elevated Installation >15' To 20', Add	*1.45*	
		For Elevated Installation >20' To 25', Add	*1.82*	
		For Elevated Installation >25' To 30', Add	*2.54*	
		For Elevated Installation >30' To 35', Add	*2.91*	
		For Elevated Installation >35' To 40', Add	*3.64*	
		For Elevated Installation >40', Add	*4.00*	
		For Work In Restricted Working Space, Add	*2.18*	
		For >250 To 500, Deduct	*-0.16*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.82*	
		For Installation In Metal Stud Wall, Add	*0.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0728	LF	1" Intermediate Metal Conduit (IMC) Conduit	13.95	2.82
		For >500 To 1,000, Deduct	*-0.36*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.37*	
		For >1,000, Deduct	*-0.48*	
		For Elevated Installation >10' To 15', Add	*0.91*	
		For Elevated Installation >15' To 20', Add	*1.83*	
		For Elevated Installation >20' To 25', Add	*2.29*	
		For Elevated Installation >25' To 30', Add	*3.20*	
		For Elevated Installation >30' To 35', Add	*3.66*	
		For Elevated Installation >35' To 40', Add	*4.57*	
		For Elevated Installation >40', Add	*5.03*	
		For Work In Restricted Working Space, Add	*2.74*	
		For >250 To 500, Deduct	*-0.24*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.29*	
		For Installation In Metal Stud Wall, Add	*0.91*	
26 05 33 13-0729	LF	1-1/4" Intermediate Metal Conduit (IMC) Conduit	16.17	5.62
		For >500 To 1,000, Deduct	*-0.46*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.51*	
		For >1,000, Deduct	*-0.61*	
		For Elevated Installation >10' To 15', Add	*1.01*	
		For Elevated Installation >15' To 20', Add	*2.02*	
		For Elevated Installation >20' To 25', Add	*2.52*	
		For Elevated Installation >25' To 30', Add	*3.53*	
		For Elevated Installation >30' To 35', Add	*4.03*	
		For Elevated Installation >35' To 40', Add	*5.04*	
		For Elevated Installation >40', Add	*5.54*	
		For Work In Restricted Working Space, Add	*3.02*	
		For >250 To 500, Deduct	*-0.30*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.52*	
		For Installation In Metal Stud Wall, Add	*1.01*	
26 05 33 13-0730	LF	1-1/2" Intermediate Metal Conduit (IMC) Conduit	18.21	3.75
		For >500 To 1,000, Deduct	*-0.54*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.65*	
		For >1,000, Deduct	*-0.72*	
		For Elevated Installation >10' To 15', Add	*1.10*	
		For Elevated Installation >15' To 20', Add	*2.20*	
		For Elevated Installation >20' To 25', Add	*2.76*	
		For Elevated Installation >25' To 30', Add	*3.86*	
		For Elevated Installation >30' To 35', Add	*4.41*	
		For Elevated Installation >35' To 40', Add	*5.51*	
		For Elevated Installation >40', Add	*6.06*	
		For Work In Restricted Working Space, Add	*3.31*	
		For >250 To 500, Deduct	*-0.36*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.76*	
		For Installation In Metal Stud Wall, Add	*1.10*	
26 05 33 13-0731	LF	2" Intermediate Metal Conduit (IMC) Conduit	23.11	4.22
		For >500 To 1,000, Deduct	*-0.73*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*2.00*	
		For >1,000, Deduct	*-0.98*	
		For Elevated Installation >10' To 15', Add	*1.34*	
		For Elevated Installation >15' To 20', Add	*2.67*	
		For Elevated Installation >20' To 25', Add	*3.34*	
		For Elevated Installation >25' To 30', Add	*4.68*	
		For Elevated Installation >30' To 35', Add	*5.34*	
		For Elevated Installation >35' To 40', Add	*6.68*	
		For Elevated Installation >40', Add	*7.35*	
		For Work In Restricted Working Space, Add	*4.01*	
		For >250 To 500, Deduct	*-0.49*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*3.34*	
		For Installation In Metal Stud Wall, Add	*1.34*	
26 05 33 13-0732	LF	2-1/2" Intermediate Metal Conduit (IMC) Conduit	39.31	5.62
		For >500 To 1,000, Deduct	*-1.62*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*2.66*	
		For >1,000, Deduct	*-2.16*	
		For Elevated Installation >10' To 15', Add	*1.77*	
		For Elevated Installation >15' To 20', Add	*3.54*	
		For Elevated Installation >20' To 25', Add	*4.43*	
		For Elevated Installation >25' To 30', Add	*6.20*	
		For Elevated Installation >30' To 35', Add	*7.08*	
		For Elevated Installation >35' To 40', Add	*8.85*	
		For Elevated Installation >40', Add	*9.74*	
		For Work In Restricted Working Space, Add	*5.31*	
		For >250 To 500, Deduct	*-1.08*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*4.43*	
		For Installation In Metal Stud Wall, Add	*1.77*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0733		LF	3" Intermediate Metal Conduit (IMC) Conduit	50.05	7.04
			For >500 To 1,000, Deduct	*-2.00*	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*3.52*	
			For >1,000, Deduct	*-2.66*	
			For Elevated Installation >10' To 15', Add	*2.35*	
			For Elevated Installation >15' To 20', Add	*4.69*	
			For Elevated Installation >20' To 25', Add	*5.86*	
			For Elevated Installation >25' To 30', Add	*8.21*	
			For Elevated Installation >30' To 35', Add	*9.38*	
			For Elevated Installation >35' To 40', Add	*11.73*	
			For Elevated Installation >40', Add	*12.90*	
			For Work In Restricted Working Space, Add	*7.04*	
			For >250 To 500, Deduct	*-1.33*	
			For Installation In Wood Stud Wall (Includes Drilling), Add	*5.86*	
			For Installation In Metal Stud Wall, Add	*2.35*	
26 05 33 13-0734		LF	3-1/2" Intermediate Metal Conduit (IMC) Conduit	57.65	8.44
			For >500 To 1,000, Deduct	*-2.31*	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*4.03*	
			For >1,000, Deduct	*-3.08*	
			For Elevated Installation >10' To 15', Add	*2.68*	
			For Elevated Installation >15' To 20', Add	*5.37*	
			For Elevated Installation >20' To 25', Add	*6.71*	
			For Elevated Installation >25' To 30', Add	*9.39*	
			For Elevated Installation >30' To 35', Add	*10.74*	
			For Elevated Installation >35' To 40', Add	*13.42*	
			For Elevated Installation >40', Add	*14.76*	
			For Work In Restricted Working Space, Add	*8.05*	
			For >250 To 500, Deduct	*-1.54*	
			For Installation In Wood Stud Wall (Includes Drilling), Add	*6.71*	
			For Installation In Metal Stud Wall, Add	*2.68*	
26 05 33 13-0735		LF	4" Intermediate Metal Conduit (IMC) Conduit	67.56	9.84
			For >500 To 1,000, Deduct	*-2.72*	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*4.70*	
			For >1,000, Deduct	*-3.63*	
			For Elevated Installation >10' To 15', Add	*3.13*	
			For Elevated Installation >15' To 20', Add	*6.26*	
			For Elevated Installation >20' To 25', Add	*7.83*	
			For Elevated Installation >25' To 30', Add	*10.96*	
			For Elevated Installation >30' To 35', Add	*12.52*	
			For Elevated Installation >35' To 40', Add	*15.65*	
			For Elevated Installation >40', Add	*17.22*	
			For Work In Restricted Working Space, Add	*9.39*	
			For >250 To 500, Deduct	*-1.81*	
			For Installation In Wood Stud Wall (Includes Drilling), Add	*7.83*	
			For Installation In Metal Stud Wall, Add	*3.13*	

26 05 33 13-0736 Intermediate Metal Conduit (IMC) 90 Degree Elbows *(26 05 33 13-0724)*

See CSI section 26 05 33 13-1358 for conduit field bending.

26 05 33 13-0737		EA	1/2" Intermediate Metal Conduit (IMC) 90 Degree Elbow	40.52	11.61
			For Elevated Installation >10' To 15', Add	*2.91*	
			For Elevated Installation >15' To 20', Add	*5.82*	
			For Elevated Installation >20' To 25', Add	*7.28*	
			For Elevated Installation >25' To 30', Add	*10.19*	
			For Elevated Installation >30' To 35', Add	*11.64*	
			For Elevated Installation >35' To 40', Add	*14.56*	
			For Elevated Installation >40', Add	*16.01*	
			For Work In Restricted Working Space, Add	*8.73*	
26 05 33 13-0738		EA	3/4" Intermediate Metal Conduit (IMC) 90 Degree Elbow	49.00	14.41
			For Elevated Installation >10' To 15', Add	*3.62*	
			For Elevated Installation >15' To 20', Add	*7.24*	
			For Elevated Installation >20' To 25', Add	*9.05*	
			For Elevated Installation >25' To 30', Add	*12.67*	
			For Elevated Installation >30' To 35', Add	*14.48*	
			For Elevated Installation >35' To 40', Add	*18.10*	
			For Elevated Installation >40', Add	*19.90*	
			For Work In Restricted Working Space, Add	*10.86*	
26 05 33 13-0739		EA	1" Intermediate Metal Conduit (IMC) 90 Degree Elbow	62.33	17.70
			For Elevated Installation >10' To 15', Add	*4.41*	
			For Elevated Installation >15' To 20', Add	*8.83*	
			For Elevated Installation >20' To 25', Add	*11.03*	
			For Elevated Installation >25' To 30', Add	*15.45*	
			For Elevated Installation >30' To 35', Add	*17.65*	
			For Elevated Installation >35' To 40', Add	*22.07*	
			For Elevated Installation >40', Add	*24.27*	
			For Work In Restricted Working Space, Add	*13.24*	
26 05 33 13-0740		EA	1-1/4" Intermediate Metal Conduit (IMC) 90 Degree Elbow	76.76	20.51
			For Elevated Installation >10' To 15', Add	*5.12*	
			For Elevated Installation >15' To 20', Add	*10.25*	
			For Elevated Installation >20' To 25', Add	*12.81*	
			For Elevated Installation >25' To 30', Add	*17.93*	
			For Elevated Installation >30' To 35', Add	*20.50*	
			For Elevated Installation >35' To 40', Add	*25.62*	
			For Elevated Installation >40', Add	*28.18*	
			For Work In Restricted Working Space, Add	*15.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0741	EA	1-1/2" Intermediate Metal Conduit (IMC) 90 Degree Elbow	91.09	23.56
		For Elevated Installation >10' To 15', Add	*5.88*	
		For Elevated Installation >15' To 20', Add	*11.76*	
		For Elevated Installation >20' To 25', Add	*14.70*	
		For Elevated Installation >25' To 30', Add	*20.58*	
		For Elevated Installation >30' To 35', Add	*23.52*	
		For Elevated Installation >35' To 40', Add	*29.41*	
		For Elevated Installation >40', Add	*32.35*	
		For Work In Restricted Working Space, Add	*17.64*	
26 05 33 13-0742	EA	2" Intermediate Metal Conduit (IMC) 90 Degree Elbow	111.17	25.90
		For Elevated Installation >10' To 15', Add	*6.47*	
		For Elevated Installation >15' To 20', Add	*12.94*	
		For Elevated Installation >20' To 25', Add	*16.18*	
		For Elevated Installation >25' To 30', Add	*22.65*	
		For Elevated Installation >30' To 35', Add	*25.88*	
		For Elevated Installation >35' To 40', Add	*32.35*	
		For Elevated Installation >40', Add	*35.59*	
		For Work In Restricted Working Space, Add	*19.41*	
26 05 33 13-0743	EA	2-1/2" Intermediate Metal Conduit (IMC) 90 Degree Elbow	159.77	32.35
		For Elevated Installation >10' To 15', Add	*8.09*	
		For Elevated Installation >15' To 20', Add	*16.17*	
		For Elevated Installation >20' To 25', Add	*20.22*	
		For Elevated Installation >25' To 30', Add	*28.30*	
		For Elevated Installation >30' To 35', Add	*32.35*	
		For Elevated Installation >35' To 40', Add	*40.44*	
		For Elevated Installation >40', Add	*44.48*	
		For Work In Restricted Working Space, Add	*24.26*	
26 05 33 13-0744	EA	3" Intermediate Metal Conduit (IMC) 90 Degree Elbow	230.96	44.08
		For Elevated Installation >10' To 15', Add	*11.02*	
		For Elevated Installation >15' To 20', Add	*22.03*	
		For Elevated Installation >20' To 25', Add	*27.54*	
		For Elevated Installation >25' To 30', Add	*38.56*	
		For Elevated Installation >30' To 35', Add	*44.07*	
		For Elevated Installation >35' To 40', Add	*55.09*	
		For Elevated Installation >40', Add	*60.59*	
		For Work In Restricted Working Space, Add	*33.05*	
26 05 33 13-0745	EA	3-1/2" Intermediate Metal Conduit (IMC) 90 Degree Elbow	337.51	49.70
		For Elevated Installation >10' To 15', Add	*12.43*	
		For Elevated Installation >15' To 20', Add	*24.85*	
		For Elevated Installation >20' To 25', Add	*31.07*	
		For Elevated Installation >25' To 30', Add	*43.49*	
		For Elevated Installation >30' To 35', Add	*49.71*	
		For Elevated Installation >35' To 40', Add	*62.14*	
		For Elevated Installation >40', Add	*68.35*	
		For Work In Restricted Working Space, Add	*37.28*	
26 05 33 13-0746	EA	4" Intermediate Metal Conduit (IMC) 90 Degree Elbow	409.09	64.71
		For Elevated Installation >10' To 15', Add	*16.17*	
		For Elevated Installation >15' To 20', Add	*32.35*	
		For Elevated Installation >20' To 25', Add	*40.43*	
		For Elevated Installation >25' To 30', Add	*56.61*	
		For Elevated Installation >30' To 35', Add	*64.69*	
		For Elevated Installation >35' To 40', Add	*80.87*	
		For Elevated Installation >40', Add	*88.95*	
		For Work In Restricted Working Space, Add	*48.52*	

26 05 33 13-0747 Intermediate Metal Conduit (IMC) Bushing Sets With Locknut *(26 05 33 13-0724)*

26 05 33 13-0748	EA	1/2" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	16.03	6.09
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.57*	
26 05 33 13-0749	EA	3/4" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	18.93	0.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.27*	
26 05 33 13-0750	EA	1" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	24.52	8.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.68*	
26 05 33 13-0751	EA	1-1/4" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	29.96	10.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.09*	
26 05 33 13-0752	EA	1-1/2" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	33.58	11.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.79*	
26 05 33 13-0753	EA	2" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	43.40	14.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.90*	
26 05 33 13-0754	EA	2-1/2" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	80.61	23.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.58*	
26 05 33 13-0755	EA	3" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	99.27	31.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.91*	
26 05 33 13-0756	EA	3-1/2" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	130.31	37.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.49*	
26 05 33 13-0757	EA	4" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	153.91	44.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.05*	

26 05 33 13-0758 Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fittings *(26 05 33 13-0724)*

Note: 3-Piece coupling.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0759	EA	1/2" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	53.06	18.75
		For Elevated Installation >10' To 15', Add	*4.69*	
		For Elevated Installation >15' To 20', Add	*9.39*	
		For Elevated Installation >20' To 25', Add	*11.74*	
		For Elevated Installation >25' To 30', Add	*16.43*	
		For Elevated Installation >30' To 35', Add	*18.78*	
		For Elevated Installation >35' To 40', Add	*23.47*	
		For Elevated Installation >40', Add	*25.82*	
		For Work In Restricted Working Space, Add	*14.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.08*	
26 05 33 13-0760	EA	3/4" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	60.27	20.98
		For Elevated Installation >10' To 15', Add	*5.24*	
		For Elevated Installation >15' To 20', Add	*10.48*	
		For Elevated Installation >20' To 25', Add	*13.10*	
		For Elevated Installation >25' To 30', Add	*18.34*	
		For Elevated Installation >30' To 35', Add	*20.96*	
		For Elevated Installation >35' To 40', Add	*26.20*	
		For Elevated Installation >40', Add	*28.81*	
		For Work In Restricted Working Space, Add	*15.72*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.72*	
26 05 33 13-0761	EA	1" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	73.56	23.33
		For Elevated Installation >10' To 15', Add	*5.84*	
		For Elevated Installation >15' To 20', Add	*11.67*	
		For Elevated Installation >20' To 25', Add	*14.59*	
		For Elevated Installation >25' To 30', Add	*20.43*	
		For Elevated Installation >30' To 35', Add	*23.34*	
		For Elevated Installation >35' To 40', Add	*29.18*	
		For Elevated Installation >40', Add	*32.10*	
		For Work In Restricted Working Space, Add	*17.51*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.51*	
26 05 33 13-0762	EA	1-1/4" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	91.82	25.55
		For Elevated Installation >10' To 15', Add	*6.39*	
		For Elevated Installation >15' To 20', Add	*12.77*	
		For Elevated Installation >20' To 25', Add	*15.97*	
		For Elevated Installation >25' To 30', Add	*22.35*	
		For Elevated Installation >30' To 35', Add	*25.54*	
		For Elevated Installation >35' To 40', Add	*31.93*	
		For Elevated Installation >40', Add	*35.12*	
		For Work In Restricted Working Space, Add	*19.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.16*	
26 05 33 13-0763	EA	1-1/2" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	104.97	27.90
		For Elevated Installation >10' To 15', Add	*6.99*	
		For Elevated Installation >15' To 20', Add	*13.97*	
		For Elevated Installation >20' To 25', Add	*17.47*	
		For Elevated Installation >25' To 30', Add	*24.45*	
		For Elevated Installation >30' To 35', Add	*27.95*	
		For Elevated Installation >35' To 40', Add	*34.94*	
		For Elevated Installation >40', Add	*38.43*	
		For Work In Restricted Working Space, Add	*20.96*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.96*	
26 05 33 13-0764	EA	2" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	145.85	30.24
		For Elevated Installation >10' To 15', Add	*7.57*	
		For Elevated Installation >15' To 20', Add	*15.13*	
		For Elevated Installation >20' To 25', Add	*18.92*	
		For Elevated Installation >25' To 30', Add	*26.48*	
		For Elevated Installation >30' To 35', Add	*30.26*	
		For Elevated Installation >35' To 40', Add	*37.83*	
		For Elevated Installation >40', Add	*41.61*	
		For Work In Restricted Working Space, Add	*22.70*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.70*	
26 05 33 13-0765	EA	2-1/2" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	243.91	37.51
		For Elevated Installation >10' To 15', Add	*9.38*	
		For Elevated Installation >15' To 20', Add	*18.75*	
		For Elevated Installation >20' To 25', Add	*23.44*	
		For Elevated Installation >25' To 30', Add	*32.82*	
		For Elevated Installation >30' To 35', Add	*37.51*	
		For Elevated Installation >35' To 40', Add	*46.89*	
		For Elevated Installation >40', Add	*51.57*	
		For Work In Restricted Working Space, Add	*28.13*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.13*	
26 05 33 13-0766	EA	3" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	346.18	46.88
		For Elevated Installation >10' To 15', Add	*11.72*	
		For Elevated Installation >15' To 20', Add	*23.44*	
		For Elevated Installation >20' To 25', Add	*29.31*	
		For Elevated Installation >25' To 30', Add	*41.03*	
		For Elevated Installation >30' To 35', Add	*46.89*	
		For Elevated Installation >35' To 40', Add	*58.61*	
		For Elevated Installation >40', Add	*64.47*	
		For Work In Restricted Working Space, Add	*35.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*35.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0767	EA	3-1/2" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	508.55	56.27
		For Elevated Installation >10' To 15', Add	*14.07*	
		For Elevated Installation >15' To 20', Add	*28.14*	
		For Elevated Installation >20' To 25', Add	*35.18*	
		For Elevated Installation >25' To 30', Add	*49.25*	
		For Elevated Installation >30' To 35', Add	*56.28*	
		For Elevated Installation >35' To 40', Add	*70.36*	
		For Elevated Installation >40', Add	*77.39*	
		For Work In Restricted Working Space, Add	*42.21*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*42.21*	
26 05 33 13-0768	EA	4" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	587.78	60.96
		For Elevated Installation >10' To 15', Add	*15.24*	
		For Elevated Installation >15' To 20', Add	*30.47*	
		For Elevated Installation >20' To 25', Add	*38.09*	
		For Elevated Installation >25' To 30', Add	*53.33*	
		For Elevated Installation >30' To 35', Add	*60.95*	
		For Elevated Installation >35' To 40', Add	*76.19*	
		For Elevated Installation >40', Add	*83.80*	
		For Work In Restricted Working Space, Add	*45.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*45.71*	

26 05 33 13-0769 Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connectors *(26 05 33 13-0724)*

26 05 33 13-0770	EA	1/2" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	30.11	9.37
		For Elevated Installation >10' To 15', Add	*2.35*	
		For Elevated Installation >15' To 20', Add	*4.69*	
		For Elevated Installation >20' To 25', Add	*5.86*	
		For Elevated Installation >25' To 30', Add	*8.21*	
		For Elevated Installation >30' To 35', Add	*9.38*	
		For Elevated Installation >35' To 40', Add	*11.73*	
		For Elevated Installation >40', Add	*12.90*	
		For Work In Restricted Working Space, Add	*7.04*	
26 05 33 13-0771	EA	3/4" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	33.67	10.31
		For Elevated Installation >10' To 15', Add	*2.58*	
		For Elevated Installation >15' To 20', Add	*5.16*	
		For Elevated Installation >20' To 25', Add	*6.45*	
		For Elevated Installation >25' To 30', Add	*9.03*	
		For Elevated Installation >30' To 35', Add	*10.32*	
		For Elevated Installation >35' To 40', Add	*12.90*	
		For Elevated Installation >40', Add	*14.18*	
		For Work In Restricted Working Space, Add	*7.74*	
26 05 33 13-0772	EA	1" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	38.69	11.72
		For Elevated Installation >10' To 15', Add	*2.93*	
		For Elevated Installation >15' To 20', Add	*5.86*	
		For Elevated Installation >20' To 25', Add	*7.33*	
		For Elevated Installation >25' To 30', Add	*10.26*	
		For Elevated Installation >30' To 35', Add	*11.72*	
		For Elevated Installation >35' To 40', Add	*14.66*	
		For Elevated Installation >40', Add	*16.12*	
		For Work In Restricted Working Space, Add	*8.79*	
26 05 33 13-0773	EA	1-1/4" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	44.04	12.66
		For Elevated Installation >10' To 15', Add	*3.17*	
		For Elevated Installation >15' To 20', Add	*6.33*	
		For Elevated Installation >20' To 25', Add	*7.91*	
		For Elevated Installation >25' To 30', Add	*11.08*	
		For Elevated Installation >30' To 35', Add	*12.66*	
		For Elevated Installation >35' To 40', Add	*15.83*	
		For Elevated Installation >40', Add	*17.41*	
		For Work In Restricted Working Space, Add	*9.50*	
26 05 33 13-0774	EA	1-1/2" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	52.43	14.06
		For Elevated Installation >10' To 15', Add	*3.52*	
		For Elevated Installation >15' To 20', Add	*7.03*	
		For Elevated Installation >20' To 25', Add	*8.79*	
		For Elevated Installation >25' To 30', Add	*12.31*	
		For Elevated Installation >30' To 35', Add	*14.06*	
		For Elevated Installation >35' To 40', Add	*17.58*	
		For Elevated Installation >40', Add	*19.34*	
		For Work In Restricted Working Space, Add	*10.55*	
26 05 33 13-0775	EA	2" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	64.20	15.48
		For Elevated Installation >10' To 15', Add	*3.87*	
		For Elevated Installation >15' To 20', Add	*7.74*	
		For Elevated Installation >20' To 25', Add	*9.67*	
		For Elevated Installation >25' To 30', Add	*13.54*	
		For Elevated Installation >30' To 35', Add	*15.47*	
		For Elevated Installation >35' To 40', Add	*19.34*	
		For Elevated Installation >40', Add	*21.27*	
		For Work In Restricted Working Space, Add	*11.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0776	EA	2-1/2" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	87.79	18.75
		For Elevated Installation >10' To 15', Add	*4.69*	
		For Elevated Installation >15' To 20', Add	*9.38*	
		For Elevated Installation >20' To 25', Add	*11.72*	
		For Elevated Installation >25' To 30', Add	*16.41*	
		For Elevated Installation >30' To 35', Add	*18.75*	
		For Elevated Installation >35' To 40', Add	*23.44*	
		For Elevated Installation >40', Add	*25.78*	
		For Work In Restricted Working Space, Add	*14.06*	
26 05 33 13-0777	EA	3" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	108.53	23.45
		For Elevated Installation >10' To 15', Add	*5.86*	
		For Elevated Installation >15' To 20', Add	*11.72*	
		For Elevated Installation >20' To 25', Add	*14.65*	
		For Elevated Installation >25' To 30', Add	*20.51*	
		For Elevated Installation >30' To 35', Add	*23.44*	
		For Elevated Installation >35' To 40', Add	*29.31*	
		For Elevated Installation >40', Add	*32.24*	
		For Work In Restricted Working Space, Add	*17.58*	
26 05 33 13-0778	EA	3-1/2" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	130.39	28.13
		For Elevated Installation >10' To 15', Add	*7.03*	
		For Elevated Installation >15' To 20', Add	*14.07*	
		For Elevated Installation >20' To 25', Add	*17.58*	
		For Elevated Installation >25' To 30', Add	*24.62*	
		For Elevated Installation >30' To 35', Add	*28.13*	
		For Elevated Installation >35' To 40', Add	*35.17*	
		For Elevated Installation >40', Add	*38.68*	
		For Work In Restricted Working Space, Add	*21.10*	
26 05 33 13-0779	EA	4" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	147.51	30.47
		For Elevated Installation >10' To 15', Add	*7.62*	
		For Elevated Installation >15' To 20', Add	*15.24*	
		For Elevated Installation >20' To 25', Add	*19.05*	
		For Elevated Installation >25' To 30', Add	*26.67*	
		For Elevated Installation >30' To 35', Add	*30.48*	
		For Elevated Installation >35' To 40', Add	*38.10*	
		For Elevated Installation >40', Add	*41.90*	
		For Work In Restricted Working Space, Add	*22.86*	

26 05 33 13-0780 Intermediate Metal Conduit (IMC) Rain Tight Threaded Hubs *(26 05 33 13-0724)*

26 05 33 13-0781	EA	1/2" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	26.23	9.37
		For Elevated Installation >10' To 15', Add	*2.35*	
		For Elevated Installation >15' To 20', Add	*4.69*	
		For Elevated Installation >20' To 25', Add	*5.86*	
		For Elevated Installation >25' To 30', Add	*8.21*	
		For Elevated Installation >30' To 35', Add	*9.38*	
		For Elevated Installation >35' To 40', Add	*11.73*	
		For Elevated Installation >40', Add	*12.90*	
		For Work In Restricted Working Space, Add	*7.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.04*	
26 05 33 13-0782	EA	3/4" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	33.47	11.72
		For Elevated Installation >10' To 15', Add	*2.93*	
		For Elevated Installation >15' To 20', Add	*5.86*	
		For Elevated Installation >20' To 25', Add	*7.33*	
		For Elevated Installation >25' To 30', Add	*10.26*	
		For Elevated Installation >30' To 35', Add	*11.72*	
		For Elevated Installation >35' To 40', Add	*14.65*	
		For Elevated Installation >40', Add	*16.12*	
		For Work In Restricted Working Space, Add	*8.79*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.79*	
26 05 33 13-0783	EA	1" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	41.32	14.06
		For Elevated Installation >10' To 15', Add	*3.52*	
		For Elevated Installation >15' To 20', Add	*7.03*	
		For Elevated Installation >20' To 25', Add	*8.79*	
		For Elevated Installation >25' To 30', Add	*12.31*	
		For Elevated Installation >30' To 35', Add	*14.06*	
		For Elevated Installation >35' To 40', Add	*17.58*	
		For Elevated Installation >40', Add	*19.34*	
		For Work In Restricted Working Space, Add	*10.55*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.55*	
26 05 33 13-0784	EA	1-1/4" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	49.74	16.41
		For Elevated Installation >10' To 15', Add	*4.10*	
		For Elevated Installation >15' To 20', Add	*8.21*	
		For Elevated Installation >20' To 25', Add	*10.26*	
		For Elevated Installation >25' To 30', Add	*14.36*	
		For Elevated Installation >30' To 35', Add	*16.41*	
		For Elevated Installation >35' To 40', Add	*20.52*	
		For Elevated Installation >40', Add	*22.57*	
		For Work In Restricted Working Space, Add	*12.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0785	EA	1-1/2" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	58.10	18.75
		For Elevated Installation >10' To 15', Add	*4.69*	
		For Elevated Installation >15' To 20', Add	*9.38*	
		For Elevated Installation >20' To 25', Add	*11.72*	
		For Elevated Installation >25' To 30', Add	*16.41*	
		For Elevated Installation >30' To 35', Add	*18.75*	
		For Elevated Installation >35' To 40', Add	*23.44*	
		For Elevated Installation >40', Add	*25.78*	
		For Work In Restricted Working Space, Add	*14.06*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.06*	
26 05 33 13-0786	EA	2" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	68.96	21.10
		For Elevated Installation >10' To 15', Add	*5.27*	
		For Elevated Installation >15' To 20', Add	*10.55*	
		For Elevated Installation >20' To 25', Add	*13.19*	
		For Elevated Installation >25' To 30', Add	*18.46*	
		For Elevated Installation >30' To 35', Add	*21.10*	
		For Elevated Installation >35' To 40', Add	*26.37*	
		For Elevated Installation >40', Add	*29.01*	
		For Work In Restricted Working Space, Add	*15.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.82*	
26 05 33 13-0787	EA	2-1/2" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	85.79	23.45
		For Elevated Installation >10' To 15', Add	*5.86*	
		For Elevated Installation >15' To 20', Add	*11.72*	
		For Elevated Installation >20' To 25', Add	*14.65*	
		For Elevated Installation >25' To 30', Add	*20.51*	
		For Elevated Installation >30' To 35', Add	*23.44*	
		For Elevated Installation >35' To 40', Add	*29.31*	
		For Elevated Installation >40', Add	*32.24*	
		For Work In Restricted Working Space, Add	*17.58*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.58*	
26 05 33 13-0788	EA	3" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	101.06	25.79
		For Elevated Installation >10' To 15', Add	*6.45*	
		For Elevated Installation >15' To 20', Add	*12.89*	
		For Elevated Installation >20' To 25', Add	*16.12*	
		For Elevated Installation >25' To 30', Add	*22.56*	
		For Elevated Installation >30' To 35', Add	*25.78*	
		For Elevated Installation >35' To 40', Add	*32.23*	
		For Elevated Installation >40', Add	*35.45*	
		For Work In Restricted Working Space, Add	*19.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.34*	
26 05 33 13-0789	EA	3-1/2" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	123.63	30.47
		For Elevated Installation >10' To 15', Add	*7.62*	
		For Elevated Installation >15' To 20', Add	*15.24*	
		For Elevated Installation >20' To 25', Add	*19.05*	
		For Elevated Installation >25' To 30', Add	*26.67*	
		For Elevated Installation >30' To 35', Add	*30.48*	
		For Elevated Installation >35' To 40', Add	*38.10*	
		For Elevated Installation >40', Add	*41.90*	
		For Work In Restricted Working Space, Add	*22.86*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.86*	
26 05 33 13-0790	EA	4" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	141.91	32.82
		For Elevated Installation >10' To 15', Add	*8.20*	
		For Elevated Installation >15' To 20', Add	*16.41*	
		For Elevated Installation >20' To 25', Add	*20.51*	
		For Elevated Installation >25' To 30', Add	*28.71*	
		For Elevated Installation >30' To 35', Add	*32.82*	
		For Elevated Installation >35' To 40', Add	*41.02*	
		For Elevated Installation >40', Add	*45.12*	
		For Work In Restricted Working Space, Add	*24.61*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.61*	

26 05 33 13-0791 Intermediate Metal Conduit (IMC) Expansion Fittings *(26 05 33 13-0724)*

26 05 33 13-0792	EA	1/2" Intermediate Metal Conduit (IMC) Expansion Fitting	167.00	18.75
		For Elevated Installation >10' To 15', Add	*4.69*	
		For Elevated Installation >15' To 20', Add	*9.38*	
		For Elevated Installation >20' To 25', Add	*11.72*	
		For Elevated Installation >25' To 30', Add	*16.41*	
		For Elevated Installation >30' To 35', Add	*18.76*	
		For Elevated Installation >35' To 40', Add	*23.45*	
		For Elevated Installation >40', Add	*25.79*	
		For Work In Restricted Working Space, Add	*14.07*	
26 05 33 13-0793	EA	3/4" Intermediate Metal Conduit (IMC) Expansion Fitting	184.87	21.10
		For Elevated Installation >10' To 15', Add	*5.28*	
		For Elevated Installation >15' To 20', Add	*10.55*	
		For Elevated Installation >20' To 25', Add	*13.19*	
		For Elevated Installation >25' To 30', Add	*18.46*	
		For Elevated Installation >30' To 35', Add	*21.10*	
		For Elevated Installation >35' To 40', Add	*26.38*	
		For Elevated Installation >40', Add	*29.01*	
		For Work In Restricted Working Space, Add	*15.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0794	EA	1" Intermediate Metal Conduit (IMC) Expansion Fitting	205.45	23.45
		For Elevated Installation >10' To 15', Add	*5.86*	
		For Elevated Installation >15' To 20', Add	*11.72*	
		For Elevated Installation >20' To 25', Add	*14.65*	
		For Elevated Installation >25' To 30', Add	*20.51*	
		For Elevated Installation >30' To 35', Add	*23.44*	
		For Elevated Installation >35' To 40', Add	*29.31*	
		For Elevated Installation >40', Add	*32.24*	
		For Work In Restricted Working Space, Add	*17.58*	
26 05 33 13-0795	EA	1-1/4" Intermediate Metal Conduit (IMC) Expansion Fitting	247.64	25.79
		For Elevated Installation >10' To 15', Add	*6.45*	
		For Elevated Installation >15' To 20', Add	*12.89*	
		For Elevated Installation >20' To 25', Add	*16.12*	
		For Elevated Installation >25' To 30', Add	*22.56*	
		For Elevated Installation >30' To 35', Add	*25.79*	
		For Elevated Installation >35' To 40', Add	*32.24*	
		For Elevated Installation >40', Add	*35.46*	
		For Work In Restricted Working Space, Add	*19.34*	
26 05 33 13-0796	EA	1-1/2" Intermediate Metal Conduit (IMC) Expansion Fitting	302.67	28.13
		For Elevated Installation >10' To 15', Add	*7.03*	
		For Elevated Installation >15' To 20', Add	*14.07*	
		For Elevated Installation >20' To 25', Add	*17.58*	
		For Elevated Installation >25' To 30', Add	*24.62*	
		For Elevated Installation >30' To 35', Add	*28.13*	
		For Elevated Installation >35' To 40', Add	*35.17*	
		For Elevated Installation >40', Add	*38.68*	
		For Work In Restricted Working Space, Add	*21.10*	
26 05 33 13-0797	EA	2" Intermediate Metal Conduit (IMC) Expansion Fitting	396.58	30.47
		For Elevated Installation >10' To 15', Add	*7.62*	
		For Elevated Installation >15' To 20', Add	*15.24*	
		For Elevated Installation >20' To 25', Add	*19.05*	
		For Elevated Installation >25' To 30', Add	*26.66*	
		For Elevated Installation >30' To 35', Add	*30.47*	
		For Elevated Installation >35' To 40', Add	*38.09*	
		For Elevated Installation >40', Add	*41.90*	
		For Work In Restricted Working Space, Add	*22.85*	
26 05 33 13-0798	EA	2-1/2" Intermediate Metal Conduit (IMC) Expansion Fitting	597.04	37.51
		For Elevated Installation >10' To 15', Add	*9.38*	
		For Elevated Installation >15' To 20', Add	*18.75*	
		For Elevated Installation >20' To 25', Add	*23.44*	
		For Elevated Installation >25' To 30', Add	*32.82*	
		For Elevated Installation >30' To 35', Add	*37.51*	
		For Elevated Installation >35' To 40', Add	*46.89*	
		For Elevated Installation >40', Add	*51.57*	
		For Work In Restricted Working Space, Add	*28.13*	
26 05 33 13-0799	EA	3" Intermediate Metal Conduit (IMC) Expansion Fitting	718.16	46.88
		For Elevated Installation >10' To 15', Add	*11.72*	
		For Elevated Installation >15' To 20', Add	*23.44*	
		For Elevated Installation >20' To 25', Add	*29.31*	
		For Elevated Installation >25' To 30', Add	*41.03*	
		For Elevated Installation >30' To 35', Add	*46.89*	
		For Elevated Installation >35' To 40', Add	*58.61*	
		For Elevated Installation >40', Add	*64.47*	
		For Work In Restricted Working Space, Add	*35.17*	
26 05 33 13-0800	EA	3-1/2" Intermediate Metal Conduit (IMC) Expansion Fitting	999.18	56.27
		For Elevated Installation >10' To 15', Add	*14.07*	
		For Elevated Installation >15' To 20', Add	*28.13*	
		For Elevated Installation >20' To 25', Add	*35.17*	
		For Elevated Installation >25' To 30', Add	*49.23*	
		For Elevated Installation >30' To 35', Add	*56.27*	
		For Elevated Installation >35' To 40', Add	*70.34*	
		For Elevated Installation >40', Add	*77.37*	
		For Work In Restricted Working Space, Add	*42.20*	
26 05 33 13-0801	EA	4" Intermediate Metal Conduit (IMC) Expansion Fitting	1,154.71	60.96
		For Elevated Installation >10' To 15', Add	*15.24*	
		For Elevated Installation >15' To 20', Add	*30.47*	
		For Elevated Installation >20' To 25', Add	*38.09*	
		For Elevated Installation >25' To 30', Add	*53.33*	
		For Elevated Installation >30' To 35', Add	*60.95*	
		For Elevated Installation >35' To 40', Add	*76.19*	
		For Elevated Installation >40', Add	*83.80*	
		For Work In Restricted Working Space, Add	*45.71*	
26 05 33 13-0802		Intermediate Metal Conduit (IMC) Sealing Fittings, Vertical/Horizontal *(26 05 33 13-0724)*		
26 05 33 13-0803	EA	1/2" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	104.83	29.30
		For Elevated Installation >10' To 15', Add	*5.86*	
		For Elevated Installation >15' To 20', Add	*11.72*	
		For Elevated Installation >20' To 25', Add	*14.65*	
		For Elevated Installation >25' To 30', Add	*20.51*	
		For Elevated Installation >30' To 35', Add	*23.44*	
		For Elevated Installation >35' To 40', Add	*29.31*	
		For Elevated Installation >40', Add	*32.24*	
		For Work In Restricted Working Space, Add	*17.58*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0804	EA	3/4" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	124.61	35.16
		For Elevated Installation >10' To 15', Add	*7.03*	
		For Elevated Installation >15' To 20', Add	*14.07*	
		For Elevated Installation >20' To 25', Add	*17.58*	
		For Elevated Installation >25' To 30', Add	*24.62*	
		For Elevated Installation >30' To 35', Add	*28.13*	
		For Elevated Installation >35' To 40', Add	*35.17*	
		For Elevated Installation >40', Add	*38.68*	
		For Work In Restricted Working Space, Add	*21.10*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.10*	
26 05 33 13-0805	EA	1" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	151.81	41.03
		For Elevated Installation >10' To 15', Add	*8.21*	
		For Elevated Installation >15' To 20', Add	*16.41*	
		For Elevated Installation >20' To 25', Add	*20.51*	
		For Elevated Installation >25' To 30', Add	*28.72*	
		For Elevated Installation >30' To 35', Add	*32.82*	
		For Elevated Installation >35' To 40', Add	*41.03*	
		For Elevated Installation >40', Add	*45.13*	
		For Work In Restricted Working Space, Add	*24.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.62*	
26 05 33 13-0806	EA	1-1/4" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	178.49	46.88
		For Elevated Installation >10' To 15', Add	*9.38*	
		For Elevated Installation >15' To 20', Add	*18.75*	
		For Elevated Installation >20' To 25', Add	*23.44*	
		For Elevated Installation >25' To 30', Add	*32.82*	
		For Elevated Installation >30' To 35', Add	*37.51*	
		For Elevated Installation >35' To 40', Add	*46.89*	
		For Elevated Installation >40', Add	*51.57*	
		For Work In Restricted Working Space, Add	*28.13*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.13*	
26 05 33 13-0807	EA	1-1/2" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	233.04	52.75
		For Elevated Installation >10' To 15', Add	*10.55*	
		For Elevated Installation >15' To 20', Add	*21.10*	
		For Elevated Installation >20' To 25', Add	*26.37*	
		For Elevated Installation >25' To 30', Add	*36.92*	
		For Elevated Installation >30' To 35', Add	*42.20*	
		For Elevated Installation >35' To 40', Add	*52.75*	
		For Elevated Installation >40', Add	*58.02*	
		For Work In Restricted Working Space, Add	*31.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.65*	
26 05 33 13-0808	EA	2" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	282.47	58.61
		For Elevated Installation >10' To 15', Add	*11.72*	
		For Elevated Installation >15' To 20', Add	*23.44*	
		For Elevated Installation >20' To 25', Add	*29.31*	
		For Elevated Installation >25' To 30', Add	*41.03*	
		For Elevated Installation >30' To 35', Add	*46.89*	
		For Elevated Installation >35' To 40', Add	*58.61*	
		For Elevated Installation >40', Add	*64.47*	
		For Work In Restricted Working Space, Add	*35.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*35.17*	
26 05 33 13-0809	EA	2-1/2" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	397.41	70.33
		For Elevated Installation >10' To 15', Add	*14.07*	
		For Elevated Installation >15' To 20', Add	*28.13*	
		For Elevated Installation >20' To 25', Add	*35.17*	
		For Elevated Installation >25' To 30', Add	*49.23*	
		For Elevated Installation >30' To 35', Add	*56.26*	
		For Elevated Installation >35' To 40', Add	*70.33*	
		For Elevated Installation >40', Add	*77.36*	
		For Work In Restricted Working Space, Add	*42.20*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*42.20*	
26 05 33 13-0810	EA	3" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	477.73	82.05
		For Elevated Installation >10' To 15', Add	*16.41*	
		For Elevated Installation >15' To 20', Add	*32.82*	
		For Elevated Installation >20' To 25', Add	*41.03*	
		For Elevated Installation >25' To 30', Add	*57.44*	
		For Elevated Installation >30' To 35', Add	*65.64*	
		For Elevated Installation >35' To 40', Add	*82.05*	
		For Elevated Installation >40', Add	*90.26*	
		For Work In Restricted Working Space, Add	*49.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.23*	
26 05 33 13-0811	EA	3-1/2" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	1,092.09	93.77
		For Elevated Installation >10' To 15', Add	*18.76*	
		For Elevated Installation >15' To 20', Add	*37.51*	
		For Elevated Installation >20' To 25', Add	*46.89*	
		For Elevated Installation >25' To 30', Add	*65.64*	
		For Elevated Installation >30' To 35', Add	*75.02*	
		For Elevated Installation >35' To 40', Add	*93.78*	
		For Elevated Installation >40', Add	*103.15*	
		For Work In Restricted Working Space, Add	*56.27*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*56.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0812	EA	4" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	1,257.86	105.49
		For Elevated Installation >10' To 15', Add	*21.10*	
		For Elevated Installation >15' To 20', Add	*42.20*	
		For Elevated Installation >20' To 25', Add	*52.75*	
		For Elevated Installation >25' To 30', Add	*73.85*	
		For Elevated Installation >30' To 35', Add	*84.40*	
		For Elevated Installation >35' To 40', Add	*105.50*	
		For Elevated Installation >40', Add	*116.04*	
		For Work In Restricted Working Space, Add	*63.30*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.30*	
26 05 33 13-0813		Intermediate Metal Conduit (IMC) Threaded Couplings *(26 05 33 13-0724)*		
26 05 33 13-0814	EA	1/2" Intermediate Metal Conduit (IMC) Threaded Coupling	15.64	5.62
		For Elevated Installation >10' To 15', Add	*1.41*	
		For Elevated Installation >15' To 20', Add	*2.81*	
		For Elevated Installation >20' To 25', Add	*3.52*	
		For Elevated Installation >25' To 30', Add	*4.92*	
		For Elevated Installation >30' To 35', Add	*5.62*	
		For Elevated Installation >35' To 40', Add	*7.03*	
		For Elevated Installation >40', Add	*7.73*	
		For Work In Restricted Working Space, Add	*4.22*	
26 05 33 13-0815	EA	3/4" Intermediate Metal Conduit (IMC) Threaded Coupling	21.85	7.97
		For Elevated Installation >10' To 15', Add	*1.99*	
		For Elevated Installation >15' To 20', Add	*3.99*	
		For Elevated Installation >20' To 25', Add	*4.99*	
		For Elevated Installation >25' To 30', Add	*6.98*	
		For Elevated Installation >30' To 35', Add	*7.98*	
		For Elevated Installation >35' To 40', Add	*9.97*	
		For Elevated Installation >40', Add	*10.97*	
		For Work In Restricted Working Space, Add	*5.98*	
26 05 33 13-0816	EA	1" Intermediate Metal Conduit (IMC) Threaded Coupling	28.62	10.31
		For Elevated Installation >10' To 15', Add	*2.58*	
		For Elevated Installation >15' To 20', Add	*5.15*	
		For Elevated Installation >20' To 25', Add	*6.44*	
		For Elevated Installation >25' To 30', Add	*9.02*	
		For Elevated Installation >30' To 35', Add	*10.31*	
		For Elevated Installation >35' To 40', Add	*12.89*	
		For Elevated Installation >40', Add	*14.17*	
		For Work In Restricted Working Space, Add	*7.73*	
26 05 33 13-0817	EA	1-1/4" Intermediate Metal Conduit (IMC) Threaded Coupling	32.88	11.72
		For Elevated Installation >10' To 15', Add	*2.93*	
		For Elevated Installation >15' To 20', Add	*5.86*	
		For Elevated Installation >20' To 25', Add	*7.33*	
		For Elevated Installation >25' To 30', Add	*10.26*	
		For Elevated Installation >30' To 35', Add	*11.72*	
		For Elevated Installation >35' To 40', Add	*14.66*	
		For Elevated Installation >40', Add	*16.12*	
		For Work In Restricted Working Space, Add	*8.79*	
26 05 33 13-0818	EA	1-1/2" Intermediate Metal Conduit (IMC) Threaded Coupling	39.64	14.06
		For Elevated Installation >10' To 15', Add	*3.51*	
		For Elevated Installation >15' To 20', Add	*7.03*	
		For Elevated Installation >20' To 25', Add	*8.79*	
		For Elevated Installation >25' To 30', Add	*12.30*	
		For Elevated Installation >30' To 35', Add	*14.06*	
		For Elevated Installation >35' To 40', Add	*17.57*	
		For Elevated Installation >40', Add	*19.33*	
		For Work In Restricted Working Space, Add	*10.54*	
26 05 33 13-0819	EA	2" Intermediate Metal Conduit (IMC) Threaded Coupling	45.80	15.94
		For Elevated Installation >10' To 15', Add	*3.99*	
		For Elevated Installation >15' To 20', Add	*7.97*	
		For Elevated Installation >20' To 25', Add	*9.97*	
		For Elevated Installation >25' To 30', Add	*13.95*	
		For Elevated Installation >30' To 35', Add	*15.95*	
		For Elevated Installation >35' To 40', Add	*19.94*	
		For Elevated Installation >40', Add	*21.93*	
		For Work In Restricted Working Space, Add	*11.96*	
26 05 33 13-0820	EA	2-1/2" Intermediate Metal Conduit (IMC) Threaded Coupling	57.68	17.81
		For Elevated Installation >10' To 15', Add	*4.45*	
		For Elevated Installation >15' To 20', Add	*8.91*	
		For Elevated Installation >20' To 25', Add	*11.14*	
		For Elevated Installation >25' To 30', Add	*15.59*	
		For Elevated Installation >30' To 35', Add	*17.82*	
		For Elevated Installation >35' To 40', Add	*22.27*	
		For Elevated Installation >40', Add	*24.50*	
		For Work In Restricted Working Space, Add	*13.36*	
26 05 33 13-0821	EA	3" Intermediate Metal Conduit (IMC) Threaded Coupling	68.35	20.16
		For Elevated Installation >10' To 15', Add	*5.04*	
		For Elevated Installation >15' To 20', Add	*10.08*	
		For Elevated Installation >20' To 25', Add	*12.60*	
		For Elevated Installation >25' To 30', Add	*17.64*	
		For Elevated Installation >30' To 35', Add	*20.16*	
		For Elevated Installation >35' To 40', Add	*25.21*	
		For Elevated Installation >40', Add	*27.73*	
		For Work In Restricted Working Space, Add	*15.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0822	EA	3-1/2" Intermediate Metal Conduit (IMC) Threaded Coupling	79.09	22.03
		For Elevated Installation >10' To 15', Add	*5.51*	
		For Elevated Installation >15' To 20', Add	*11.02*	
		For Elevated Installation >20' To 25', Add	*13.78*	
		For Elevated Installation >25' To 30', Add	*19.29*	
		For Elevated Installation >30' To 35', Add	*22.04*	
		For Elevated Installation >35' To 40', Add	*27.56*	
		For Elevated Installation >40', Add	*30.31*	
		For Work In Restricted Working Space, Add	*16.53*	
26 05 33 13-0823	EA	4" Intermediate Metal Conduit (IMC) Threaded Coupling	82.76	23.45
		For Elevated Installation >10' To 15', Add	*5.86*	
		For Elevated Installation >15' To 20', Add	*11.72*	
		For Elevated Installation >20' To 25', Add	*14.65*	
		For Elevated Installation >25' To 30', Add	*20.51*	
		For Elevated Installation >30' To 35', Add	*23.44*	
		For Elevated Installation >35' To 40', Add	*29.30*	
		For Elevated Installation >40', Add	*32.22*	
		For Work In Restricted Working Space, Add	*17.58*	

26 05 33 13-0824 Intermediate Metal Conduit (IMC) Reducer Bushings *(26 05 33 13-0724)*

26 05 33 13-0825	EA	1/2" To 3/4" Intermediate Metal Conduit (IMC) Reducing Bushing	7.62	2.35
		For Elevated Installation >10' To 15', Add	*0.59*	
		For Elevated Installation >15' To 20', Add	*1.17*	
		For Elevated Installation >20' To 25', Add	*1.47*	
		For Elevated Installation >25' To 30', Add	*2.05*	
		For Elevated Installation >30' To 35', Add	*2.34*	
		For Elevated Installation >35' To 40', Add	*2.93*	
		For Elevated Installation >40', Add	*3.22*	
		For Work In Restricted Working Space, Add	*1.76*	
26 05 33 13-0826	EA	3/4" To 1" Intermediate Metal Conduit (IMC) Reducing Bushing	8.64	2.35
		For Elevated Installation >10' To 15', Add	*0.59*	
		For Elevated Installation >15' To 20', Add	*1.17*	
		For Elevated Installation >20' To 25', Add	*1.47*	
		For Elevated Installation >25' To 30', Add	*2.05*	
		For Elevated Installation >30' To 35', Add	*2.34*	
		For Elevated Installation >35' To 40', Add	*2.93*	
		For Elevated Installation >40', Add	*3.22*	
		For Work In Restricted Working Space, Add	*1.76*	

26 05 33 13-0827 Explosion Proof Conduit Fittings *(26 05 33 13-0059)*

Note: For use with Rigid Galvanized Steel (RGS), Electrical Metallic Tubing (EMT) and Intermediate Metal Conduit (IMC) conduit.

26 05 33 13-0828 Explosion Proof Malleable Iron Conduit Unions *(26 05 33 13-0827)*

26 05 33 13-0829	EA	1/2" Explosion Proof Malleable Iron Conduit Union	41.67	9.77
26 05 33 13-0830	EA	3/4" Explosion Proof Malleable Iron Conduit Union	50.75	10.79
26 05 33 13-0831	EA	1" Explosion Proof Malleable Iron Conduit Union	79.11	14.39
26 05 33 13-0832	EA	1-1/4" Explosion Proof Malleable Iron Conduit Union	103.13	15.94
26 05 33 13-0833	EA	1-1/2" Explosion Proof Malleable Iron Conduit Union	129.51	19.53
26 05 33 13-0834	EA	2" Explosion Proof Malleable Iron Conduit Union	160.45	22.61
26 05 33 13-0835	EA	2-1/2" Explosion Proof Malleable Iron Conduit Union	243.13	32.33
26 05 33 13-0836	EA	3" Explosion Proof Malleable Iron Conduit Union	307.68	38.49
26 05 33 13-0837	EA	3-1/2" Explosion Proof Malleable Iron Conduit Union	507.22	46.19
26 05 33 13-0838	EA	4" Explosion Proof Malleable Iron Conduit Union	543.12	59.01

26 05 33 13-0839 Explosion Proof Malleable Iron Conduit Bodies *(26 05 33 13-0827)*

26 05 33 13-0840	EA	1/2" Explosion Proof Malleable Iron Two Hub Conduit Body	145.69	30.84
26 05 33 13-0841	EA	3/4" Explosion Proof Malleable Iron Two Hub Conduit Body	164.31	34.95
26 05 33 13-0842	EA	1" Explosion Proof Malleable Iron Two Hub Conduit Conduit Body	191.22	38.55
26 05 33 13-0843	EA	1/2" Explosion Proof Malleable Iron Three Hub Conduit Body	166.26	38.55
26 05 33 13-0844	EA	3/4" Explosion Proof Malleable Iron Three Hub Conduit Body	198.25	46.26
26 05 33 13-0845	EA	1" Explosion Proof Malleable Iron Three Hub Conduit Body	233.71	52.94

26 05 33 13-0846 Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical *(26 05 33 13-0827)*

Note: Includes sealing gasket and lock nut.

26 05 33 13-0847	EA	1/2" x 1" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	120.58	25.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.27*	
26 05 33 13-0848	EA	3/4" x 1" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	124.49	28.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.59*	
26 05 33 13-0849	EA	1" x 1-1/2" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	135.85	31.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.51*	
26 05 33 13-0850	EA	1-1/4" x 2" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	173.74	38.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.91*	
26 05 33 13-0851	EA	1-1/2" x 2" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	219.82	45.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.92*	
26 05 33 13-0852	EA	2" x 2-1/2" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	279.18	51.40
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.55*	
26 05 33 13-0853	EA	2-1/2" x 3" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	399.37	76.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*57.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0854	EA	3" x 4" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	504.37	96.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.36*	
26 05 33 13-0855	EA	3-1/2" x 4" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	697.48	106.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*79.67*	
26 05 33 13-0856	EA	4" x 5" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	889.32	115.46
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*86.60*	

26 05 33 13-0857 Explosion Proof Flexible Conduit Couplings *(26 05 33 13-0827)*

26 05 33 13-0858	EA	1/2" x 12" Explosion Proof Flexible Conduit Coupling	295.07	11.82
26 05 33 13-0859	EA	3/4" x 15" Explosion Proof Flexible Conduit Coupling	385.02	13.36

26 05 33 13-0860 Schedule 40 Polyvinyl Chloride (PVC) Conduit *(26 05 33 13-0059)*

Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.

26 05 33 13-0861 Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings *(26 05 33 13-0860)*

Note: Includes field bending conduit up to and including 1". See CSI section 26 05 33 13-1368 for field bending >1".

26 05 33 13-0862	LF	1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	5.66	1.84
		For Schedule 60, Add	*0.49*	
		For Schedule 80, Add	*0.83*	
26 05 33 13-0863	LF	3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	6.46	2.02
		For Schedule 60, Add	*0.60*	
		For Schedule 80, Add	*1.00*	
26 05 33 13-0864	LF	1" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	8.00	2.35
		For Schedule 60, Add	*0.82*	
		For Schedule 80, Add	*1.33*	
26 05 33 13-0865	LF	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	9.53	2.69
		For Schedule 60, Add	*1.03*	
		For Schedule 80, Add	*1.65*	
26 05 33 13-0866	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	11.21	3.14
		For Schedule 60, Add	*1.23*	
		For Schedule 80, Add	*1.96*	
26 05 33 13-0867	LF	2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	13.39	3.60
		For Schedule 60, Add	*1.55*	
		For Schedule 80, Add	*2.44*	
26 05 33 13-0868	LF	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	17.71	4.27
		For Schedule 60, Add	*2.29*	
		For Schedule 80, Add	*3.53*	
26 05 33 13-0869	LF	3" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	20.75	4.94
		For Schedule 60, Add	*2.72*	
		For Schedule 80, Add	*4.17*	
26 05 33 13-0870	LF	3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	25.32	5.84
		For Schedule 60, Add	*3.41*	
		For Schedule 80, Add	*5.21*	
26 05 33 13-0871	LF	4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	29.75	7.19
		For Schedule 60, Add	*3.84*	
		For Schedule 80, Add	*5.92*	
26 05 33 13-0872	LF	5" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	42.44	10.11
		For Schedule 60, Add	*5.56*	
		For Schedule 80, Add	*8.54*	
26 05 33 13-0873	LF	6" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	56.37	13.48
		For Schedule 60, Add	*7.35*	
		For Schedule 80, Add	*11.31*	

26 05 33 13-0874 Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbows *(26 05 33 13-0860)*

See CSI section 26 05 33 13-1368 for conduit field bending.

26 05 33 13-0875	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-1368 for conduit field bending.	24.01	8.98
		For Schedule 60, Add	*1.51*	
		For Schedule 80, Add	*2.79*	
26 05 33 13-0876	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-1368 for conduit field bending.	26.55	9.89
		For Schedule 60, Add	*1.70*	
		For Schedule 80, Add	*3.12*	
26 05 33 13-0877	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-1368 for conduit field bending.	30.95	11.23
		For Schedule 60, Add	*2.12*	
		For Schedule 80, Add	*3.82*	
26 05 33 13-0878	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-1368 for conduit field bending.	40.10	14.37
		For Schedule 60, Add	*2.84*	
		For Schedule 80, Add	*5.05*	
26 05 33 13-0879	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-1368 for conduit field bending.	50.57	17.97
		For Schedule 60, Add	*3.66*	
		For Schedule 80, Add	*6.47*	
26 05 33 13-0880	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-1368 for conduit field bending.	63.95	22.47
		For Schedule 60, Add	*4.76*	
		For Schedule 80, Add	*8.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0881	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-1368 for conduit field bending.	81.19	26.95
		For Schedule 60, Add	*6.82*	
		For Schedule 80, Add	*11.57*	
26 05 33 13-0882	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-1368 for conduit field bending.	101.19	31.45
		For Schedule 60, Add	*9.57*	
		For Schedule 80, Add	*15.76*	
26 05 33 13-0883	EA	3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-1368 for conduit field bending.	126.84	38.19
		For Schedule 60, Add	*12.62*	
		For Schedule 80, Add	*20.53*	
26 05 33 13-0884	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-1368 for conduit field bending.	152.68	44.93
		For Schedule 60, Add	*15.71*	
		For Schedule 80, Add	*25.36*	
26 05 33 13-0885	EA	5" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-1368 for conduit field bending.	211.51	56.16
		For Schedule 60, Add	*24.80*	
		For Schedule 80, Add	*38.93*	
26 05 33 13-0886	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-1368 for conduit field bending.	259.15	67.39
		For Schedule 60, Add	*31.09*	
		For Schedule 80, Add	*48.58*	

26 05 33 13-0887 Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbows *(26 05 33 13-0860)*

See CSI section 26 05 33 13-1368 for conduit field bending.

26 05 33 13-0888	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-1368 for conduit field bending.	24.01	8.98
		For Schedule 60, Add	*1.51*	
		For Schedule 80, Add	*2.79*	
26 05 33 13-0889	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-1368 for conduit field bending.	26.44	9.89
		For Schedule 60, Add	*1.67*	
		For Schedule 80, Add	*3.08*	
26 05 33 13-0890	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-1368 for conduit field bending.	30.80	11.23
		For Schedule 60, Add	*2.09*	
		For Schedule 80, Add	*3.76*	
26 05 33 13-0891	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-1368 for conduit field bending.	39.65	14.37
		For Schedule 60, Add	*2.72*	
		For Schedule 80, Add	*4.89*	
26 05 33 13-0892	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-1368 for conduit field bending.	49.57	17.97
		For Schedule 60, Add	*3.41*	
		For Schedule 80, Add	*6.12*	
26 05 33 13-0893	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-1368 for conduit field bending.	63.42	22.47
		For Schedule 60, Add	*4.62*	
		For Schedule 80, Add	*8.16*	
26 05 33 13-0894	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-1368 for conduit field bending.	80.18	26.95
		For Schedule 60, Add	*6.57*	
		For Schedule 80, Add	*11.22*	
26 05 33 13-0895	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-1368 for conduit field bending.	99.92	31.45
		For Schedule 60, Add	*9.25*	
		For Schedule 80, Add	*15.31*	
26 05 33 13-0896	EA	3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-1368 for conduit field bending.	123.27	38.19
		For Schedule 60, Add	*11.72*	
		For Schedule 80, Add	*19.28*	
26 05 33 13-0897	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-1368 for conduit field bending.	149.62	44.93
		For Schedule 60, Add	*14.94*	
		For Schedule 80, Add	*24.29*	
26 05 33 13-0898	EA	5" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-1368 for conduit field bending.	207.54	56.16
		For Schedule 60, Add	*23.81*	
		For Schedule 80, Add	*37.54*	
26 05 33 13-0899	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-1368 for conduit field bending.	247.31	67.39
		For Schedule 60, Add	*28.13*	
		For Schedule 80, Add	*44.44*	

26 05 33 13-0900 Schedule 40 Polyvinyl Chloride (PVC) Conduit 18" Large Radius Elbow *(26 05 33 13-0860)*

26 05 33 13-0901	EA	1" Schedule 40, Polyvinyl Chloride (PVC), 18" Large Radius Elbow	86.49	28.95
		For Schedule 80, Add	*15.79*	
26 05 33 13-0902	EA	1-1/4" Schedule 40, Polyvinyl Chloride (PVC), 18" Large Radius Elbow	101.24	33.52
		For Schedule 80, Add	*18.67*	
26 05 33 13-0903	EA	1-1/2" Schedule 40, Polyvinyl Chloride (PVC), 18" Large Radius Elbow	114.65	38.09
		For Schedule 80, Add	*21.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0904	EA	2" Schedule 40, Polyvinyl Chloride (PVC), 18" Large Radius Elbow	135.34	41.90
		For Schedule 80, Add	*26.42*	
26 05 33 13-0905	EA	2-1/2" Schedule 40, Polyvinyl Chloride (PVC), 18" Large Radius Elbow	177.28	52.58
		For Schedule 80, Add	*35.76*	
26 05 33 13-0906	EA	3" Schedule 40, Polyvinyl Chloride (PVC), 18" Large Radius Elbow	232.37	71.62
		For Schedule 80, Add	*45.52*	
26 05 33 13-0907	EA	3-1/2" Schedule 40, Polyvinyl Chloride (PVC), 18" Large Radius Elbow	278.37	80.76
		For Schedule 80, Add	*57.05*	
26 05 33 13-0908	EA	4" Schedule 40, Polyvinyl Chloride (PVC), 18" Large Radius Elbow	335.59	105.14
		For Schedule 80, Add	*64.89*	
26 05 33 13-0909		**Schedule 40 Polyvinyl Chloride (PVC) Conduit 24" Large Radius Elbow** *(26 05 33 13-0860)*		
26 05 33 13-0910	EA	1" Schedule 40, Polyvinyl Chloride (PVC), 24" Large Radius Elbow	91.74	28.95
		For Schedule 80, Add	*17.63*	
26 05 33 13-0911	EA	1-1/4" Schedule 40, Polyvinyl Chloride (PVC), 24" Large Radius Elbow	113.87	33.52
		For Schedule 80, Add	*23.09*	
26 05 33 13-0912	EA	1-1/2" Schedule 40, Polyvinyl Chloride (PVC), 24" Large Radius Elbow	132.73	38.09
		For Schedule 80, Add	*27.41*	
26 05 33 13-0913	EA	2" Schedule 40, Polyvinyl Chloride (PVC), 24" Large Radius Elbow	144.29	41.90
		For Schedule 80, Add	*29.55*	
26 05 33 13-0914	EA	2-1/2" Schedule 40, Polyvinyl Chloride (PVC), 24" Large Radius Elbow	204.86	52.58
		For Schedule 80, Add	*45.42*	
26 05 33 13-0915	EA	3" Schedule 40, Polyvinyl Chloride (PVC), 24" Large Radius Elbow	272.48	71.62
		For Schedule 80, Add	*59.56*	
26 05 33 13-0916	EA	3-1/2" Schedule 40, Polyvinyl Chloride (PVC), 24" Large Radius Elbow	303.06	80.76
		For Schedule 80, Add	*65.69*	
26 05 33 13-0917	EA	4" Schedule 40, Polyvinyl Chloride (PVC), 24" Large Radius Elbow	365.48	105.14
		For Schedule 80, Add	*75.35*	
26 05 33 13-0918		**Schedule 40 Polyvinyl Chloride (PVC) Conduit 30" Large Radius Elbow** *(26 05 33 13-0860)*		
26 05 33 13-0919	EA	1" Schedule 40, Polyvinyl Chloride (PVC), 30" Large Radius Elbow	105.89	28.95
		For Schedule 80, Add	*22.58*	
26 05 33 13-0920	EA	1-1/4" Schedule 40, Polyvinyl Chloride (PVC), 30" Large Radius Elbow	119.80	33.52
		For Schedule 80, Add	*25.17*	
26 05 33 13-0921	EA	1-1/2" Schedule 40, Polyvinyl Chloride (PVC), 30" Large Radius Elbow	136.21	38.09
		For Schedule 80, Add	*28.63*	
26 05 33 13-0922	EA	2" Schedule 40, Polyvinyl Chloride (PVC), 30" Large Radius Elbow	161.17	41.90
		For Schedule 80, Add	*35.46*	
26 05 33 13-0923	EA	2-1/2" Schedule 40, Polyvinyl Chloride (PVC), 30" Large Radius Elbow	215.13	52.58
		For Schedule 80, Add	*49.01*	
26 05 33 13-0924	EA	3" Schedule 40, Polyvinyl Chloride (PVC), 30" Large Radius Elbow	281.10	71.62
		For Schedule 80, Add	*62.58*	
26 05 33 13-0925	EA	3-1/2" Schedule 40, Polyvinyl Chloride (PVC), 30" Large Radius Elbow	335.93	80.76
		For Schedule 80, Add	*77.19*	
26 05 33 13-0926	EA	4" Schedule 40, Polyvinyl Chloride (PVC), 30" Large Radius Elbow	395.00	105.14
		For Schedule 80, Add	*85.68*	
26 05 33 13-0927		**Schedule 40 Polyvinyl Chloride (PVC) Conduit 36" Large Radius Elbow** *(26 05 33 13-0860)*		
26 05 33 13-0928	EA	1" Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow	108.78	28.95
		For Schedule 80, Add	*23.60*	
26 05 33 13-0929	EA	1-1/4" Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow	137.34	33.52
		For Schedule 80, Add	*31.31*	
26 05 33 13-0930	EA	1-1/2" Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow	150.13	38.09
		For Schedule 80, Add	*33.50*	
26 05 33 13-0931	EA	2" Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow	161.79	41.90
		For Schedule 80, Add	*35.67*	
26 05 33 13-0932	EA	2-1/2" Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow	237.76	52.58
		For Schedule 80, Add	*56.93*	
26 05 33 13-0933	EA	3" Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow	331.81	71.62
		For Schedule 80, Add	*80.32*	
26 05 33 13-0934	EA	3-1/2" Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow	382.11	80.76
		For Schedule 80, Add	*93.36*	
26 05 33 13-0935	EA	4" Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow	449.69	105.14
		For Schedule 80, Add	*104.82*	
26 05 33 13-0936	EA	5" Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow	720.50	171.14
		For Schedule 80, Add	*166.46*	
26 05 33 13-0937	EA	6" Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow	1,056.74	257.88
		For Schedule 80, Add	*241.10*	
26 05 33 13-0938		**Schedule 40 Polyvinyl Chloride (PVC) Conduit 48" Large Radius Elbow** *(26 05 33 13-0860)*		
26 05 33 13-0939	EA	1" Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow	119.87	28.95
		For Schedule 80, Add	*27.48*	
26 05 33 13-0940	EA	1-1/4" Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow	140.31	33.52
		For Schedule 80, Add	*32.35*	
26 05 33 13-0941	EA	1-1/2" Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow	159.06	38.09
		For Schedule 80, Add	*36.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0942	EA	2" Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow	192.63	41.90
		For Schedule 80, Add	*46.47*	
26 05 33 13-0943	EA	2-1/2" Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow	259.85	52.58
		For Schedule 80, Add	*64.66*	
26 05 33 13-0944	EA	3" Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow	368.09	71.62
		For Schedule 80, Add	*93.02*	
26 05 33 13-0945	EA	3-1/2" Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow	416.80	80.76
		For Schedule 80, Add	*105.50*	
26 05 33 13-0946	EA	4" Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow	509.89	105.14
		For Schedule 80, Add	*125.89*	
26 05 33 13-0947	EA	5" Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow	755.72	171.14
		For Schedule 80, Add	*178.79*	
26 05 33 13-0948	EA	6" Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow	1,085.25	257.88
		For Schedule 80, Add	*251.08*	

26 05 33 13-0949 Polyvinyl Chloride (PVC) Conduit Female Adapters *(26 05 33 13-0860)*

26 05 33 13-0950	EA	1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter	16.44	6.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.72*	
26 05 33 13-0951	EA	3/4" Polyvinyl Chloride (PVC) Conduit Female Adapter	18.93	7.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.39*	
26 05 33 13-0952	EA	1" Polyvinyl Chloride (PVC) Conduit Female Adapter	21.53	8.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.06*	
26 05 33 13-0953	EA	1-1/4" Polyvinyl Chloride (PVC) Conduit Female Adapter	24.29	8.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.74*	
26 05 33 13-0954	EA	1-1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter	30.05	11.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.42*	
26 05 33 13-0955	EA	2" Polyvinyl Chloride (PVC) Conduit Female Adapter	36.51	13.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.11*	
26 05 33 13-0956	EA	2-1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter	50.13	17.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.48*	
26 05 33 13-0957	EA	3" Polyvinyl Chloride (PVC) Conduit Female Adapter	63.25	22.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.85*	
26 05 33 13-0958	EA	3-1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter	82.01	29.21
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.90*	
26 05 33 13-0959	EA	4" Polyvinyl Chloride (PVC) Conduit Female Adapter	99.25	35.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*26.96*	
26 05 33 13-0960	EA	5" Polyvinyl Chloride (PVC) Conduit Female Adapter	131.29	44.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.70*	
26 05 33 13-0961	EA	6" Polyvinyl Chloride (PVC) Conduit Female Adapter	163.29	56.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*42.12*	

26 05 33 13-0962 Polyvinyl Chloride (PVC) Conduit Bell Ends And Plug *(26 05 33 13-0860)*

26 05 33 13-0963	EA	1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	19.26	5.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.04*	
26 05 33 13-0964	EA	3/4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	21.92	6.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.72*	
26 05 33 13-0965	EA	1" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	24.60	7.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.39*	
26 05 33 13-0966	EA	1-1/4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	29.32	8.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.06*	
26 05 33 13-0967	EA	1-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	32.70	8.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.74*	
26 05 33 13-0968	EA	2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	39.27	10.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.75*	
26 05 33 13-0969	EA	2-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	43.94	11.68
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.76*	
26 05 33 13-0970	EA	3" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	49.71	13.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.11*	
26 05 33 13-0971	EA	3-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	58.92	15.73
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.79*	
26 05 33 13-0972	EA	4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	64.95	17.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.48*	
26 05 33 13-0973	EA	5" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	82.24	20.21
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.16*	
26 05 33 13-0974	EA	6" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	92.52	22.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.85*	

26 05 33 13-0975 Polyvinyl Chloride (PVC) Conduit Terminal Adapters *(26 05 33 13-0860)*

26 05 33 13-0976	EA	1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	17.87	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.18*	
26 05 33 13-0977	EA	3/4" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	21.67	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.21*	
26 05 33 13-0978	EA	1" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	24.16	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.90*	
26 05 33 13-0979	EA	1-1/4" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	27.16	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.69*	
26 05 33 13-0980	EA	1-1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	29.80	11.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.42*	
26 05 33 13-0981	EA	2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	36.17	13.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.11*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0982		EA	2-1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	49.45	17.97
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.48*	
26 05 33 13-0983		EA	3" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	62.30	22.47
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.85*	
26 05 33 13-0984		EA	3-1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	80.80	29.21
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.90*	
26 05 33 13-0985		EA	4" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	98.01	35.94
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*26.96*	
26 05 33 13-0986		EA	5" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	128.85	44.93
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.70*	
26 05 33 13-0987		EA	6" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	160.35	56.16
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*42.12*	

26 05 33 13-0988 Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover *(26 05 33 13-0860)*

26 05 33 13-0989		EA	1/2" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	51.54	17.97
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.48*	
26 05 33 13-0990		EA	3/4" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	59.89	20.21
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.16*	
26 05 33 13-0991		EA	1" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	66.51	22.47
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.85*	
26 05 33 13-0992		EA	1-1/4" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	82.17	26.95
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.22*	
26 05 33 13-0993		EA	1-1/2" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	101.53	33.69
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.27*	
26 05 33 13-0994		EA	2" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	131.75	40.43
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.32*	
26 05 33 13-0995		EA	2-1/2" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	227.41	44.93
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.70*	
26 05 33 13-0996		EA	3" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	242.64	49.42
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*37.07*	
26 05 33 13-0997		EA	3-1/2" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	263.47	56.16
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*42.12*	
26 05 33 13-0998		EA	4" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	293.97	65.14
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*48.86*	

26 05 33 13-0999 Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover *(26 05 33 13-0860)*

26 05 33 13-1000		EA	1/2" Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover	67.40	23.45
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.58*	
26 05 33 13-1001		EA	3/4" Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover	75.49	25.79
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.34*	
26 05 33 13-1002		EA	1" Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover	81.60	28.13
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.10*	
26 05 33 13-1003		EA	1-1/4" Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover	102.40	32.82
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.62*	
26 05 33 13-1004		EA	1-1/2" Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover	123.67	39.86
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.89*	
26 05 33 13-1005		EA	2" Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover	152.35	46.88
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*35.17*	

26 05 33 13-1006 Polyvinyl Chloride (PVC) Conduit Expansion Joint *(26 05 33 13-0860)*

26 05 33 13-1007		EA	1/2" Polyvinyl Chloride (PVC) Conduit Expansion Joint	112.63	22.47
26 05 33 13-1008		EA	3/4" Polyvinyl Chloride (PVC) Conduit Expansion Joint	125.29	26.95
26 05 33 13-1009		EA	1" Polyvinyl Chloride (PVC) Conduit Expansion Joint	138.80	31.45
26 05 33 13-1010		EA	1-1/4" Polyvinyl Chloride (PVC) Conduit Expansion Joint	151.46	35.94
26 05 33 13-1011		EA	1-1/2" Polyvinyl Chloride (PVC) Conduit Expansion Joint	163.77	40.43
26 05 33 13-1012		EA	2" Polyvinyl Chloride (PVC) Conduit Expansion Joint	178.80	44.93
26 05 33 13-1013		EA	2-1/2" Polyvinyl Chloride (PVC) Conduit Expansion Joint	219.06	51.66
26 05 33 13-1014		EA	3" Polyvinyl Chloride (PVC) Conduit Expansion Joint	262.67	58.40
26 05 33 13-1015		EA	3-1/2" Polyvinyl Chloride (PVC) Conduit Expansion Joint	307.53	67.39
26 05 33 13-1016		EA	4" Polyvinyl Chloride (PVC) Conduit Expansion Joint	365.95	78.63
26 05 33 13-1017		EA	5" Polyvinyl Chloride (PVC) Conduit Expansion Joint	484.58	94.35
26 05 33 13-1018		EA	6" Polyvinyl Chloride (PVC) Conduit Expansion Joint	637.38	121.30

26 05 33 13-1019 Polyvinyl Chloride (PVC) Conduit End Caps *(26 05 33 13-0860)*

26 05 33 13-1020		EA	1/2" Polyvinyl Chloride (PVC) Conduit End Cap	14.19	4.50
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.37*	
26 05 33 13-1021		EA	3/4" Polyvinyl Chloride (PVC) Conduit End Cap	16.78	5.39
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.04*	
26 05 33 13-1022		EA	1" Polyvinyl Chloride (PVC) Conduit End Cap	19.30	6.29
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.72*	
26 05 33 13-1023		EA	1-1/4" Polyvinyl Chloride (PVC) Conduit End Cap	23.10	7.19
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.39*	
26 05 33 13-1024		EA	1-1/2" Polyvinyl Chloride (PVC) Conduit End Cap	26.96	8.08
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.06*	
26 05 33 13-1025		EA	2" Polyvinyl Chloride (PVC) Conduit End Cap	31.90	8.98
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1026	EA	2-1/2" Polyvinyl Chloride (PVC) Conduit End Cap	45.82	10.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.75*	
26 05 33 13-1027	EA	3" Polyvinyl Chloride (PVC) Conduit End Cap	50.15	11.68
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.76*	
26 05 33 13-1028	EA	3-1/2" Polyvinyl Chloride (PVC) Conduit End Cap	64.31	13.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.77*	
26 05 33 13-1029	EA	4" Polyvinyl Chloride (PVC) Conduit End Cap	78.01	13.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.45*	
26 05 33 13-1030	EA	5" Polyvinyl Chloride (PVC) Conduit End Cap	90.71	15.73
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.79*	
26 05 33 13-1031	EA	6" Polyvinyl Chloride (PVC) Conduit End Cap	114.99	17.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.48*	

26 05 33 13-1032 Polyvinyl Chloride (PVC) Type LB Telecommunications Conduit Bodies With Cover (Smart Pathways) *(26 05 33 13-0860)*

26 05 33 13-1033	EA	2" Polyvinyl Chloride (PVC) Type LB Telecommunications Conduit Body With Cover (Smart Pathways EZLB200)	139.94	40.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.32*	
26 05 33 13-1034	EA	3/4" To 1-1/4" Polyvinyl Chloride (PVC) Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB121)	145.86	26.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.22*	
26 05 33 13-1035	EA	1-1/2" To 2-1/2" Polyvinyl Chloride (PVC) Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB251)	352.87	44.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.70*	
26 05 33 13-1036	EA	3" To 4" Polyvinyl Chloride (PVC) Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB401)	686.28	65.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*48.86*	

26 05 33 13-1037 Conduit Installed Below Grade *(26 05 33 13-0058)*

Note: By direct burial In trench or in concrete slabs or duct banks. Includes detectable warning tape for underground conduits. Excludes trenching, backfilling and concrete.

26 05 33 13-1038 Schedule 40 Polyvinyl Chloride (PVC) Conduit, Direct Burial *(26 05 33 13-1037)*

26 05 33 13-1039 Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial *(26 05 33 13-1038)*

Note: Includes field bend conduit up to and including 1". See CSI section 26 05 33 13-1368 for field bending >1".

26 05 33 13-1040	LF	1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	4.70	
		For Schedule 60, Add	*0.45*	
		For Schedule 80, Add	*0.73*	
26 05 33 13-1041	LF	3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	5.33	
		For Schedule 60, Add	*0.55*	
		For Schedule 80, Add	*0.88*	
26 05 33 13-1042	LF	1" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	6.32	
		For Schedule 60, Add	*0.74*	
		For Schedule 80, Add	*1.16*	
26 05 33 13-1043	LF	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	7.29	
		For Schedule 60, Add	*0.92*	
		For Schedule 80, Add	*1.43*	
26 05 33 13-1044	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	8.13	
		For Schedule 60, Add	*1.08*	
		For Schedule 80, Add	*1.65*	
26 05 33 13-1045	LF	2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	9.47	
		For Schedule 60, Add	*1.36*	
		For Schedule 80, Add	*2.05*	
26 05 33 13-1046	LF	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	12.38	
		For Schedule 60, Add	*2.03*	
		For Schedule 80, Add	*3.00*	
26 05 33 13-1047	LF	3" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	14.01	
		For Schedule 60, Add	*2.38*	
		For Schedule 80, Add	*3.50*	
26 05 33 13-1048	LF	3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	16.62	
		For Schedule 60, Add	*2.98*	
		For Schedule 80, Add	*4.34*	
26 05 33 13-1049	LF	4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	17.96	
		For Schedule 60, Add	*3.25*	
		For Schedule 80, Add	*4.74*	

26 05 33 13-1050 Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbows, Direct Burial *(26 05 33 13-1038)*

See CSI section 26 05 33 13-1368 for conduit field bending.

26 05 33 13-1051	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	29.61	
		For Schedule 60, Add	*1.79*	
		For Schedule 80, Add	*3.35*	
26 05 33 13-1052	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	35.53	
		For Schedule 60, Add	*2.14*	
		For Schedule 80, Add	*4.01*	
26 05 33 13-1053	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	42.19	
		For Schedule 60, Add	*2.69*	
		For Schedule 80, Add	*4.94*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1054		EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	49.09	
			For Schedule 60, Add	*3.29*	
			For Schedule 80, Add	*5.95*	
26 05 33 13-1055		EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	56.18	
			For Schedule 60, Add	*3.94*	
			For Schedule 80, Add	*7.03*	
26 05 33 13-1056		EA	2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	63.95	
			For Schedule 60, Add	*4.76*	
			For Schedule 80, Add	*8.34*	
26 05 33 13-1057		EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	75.58	
			For Schedule 60, Add	*6.54*	
			For Schedule 80, Add	*11.01*	
26 05 33 13-1058		EA	3" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	89.95	
			For Schedule 60, Add	*9.01*	
			For Schedule 80, Add	*14.64*	
26 05 33 13-1059		EA	3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	110.00	
			For Schedule 60, Add	*11.77*	
			For Schedule 80, Add	*18.84*	
26 05 33 13-1060		EA	4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	130.21	
			For Schedule 60, Add	*14.58*	
			For Schedule 80, Add	*23.11*	

26 05 33 13-1061 Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbows, Direct Burial *(26 05 33 13-1038)*

See CSI section 26 05 33 13-1368 for conduit field bending.

26 05 33 13-1062		EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	29.61	
			For Schedule 60, Add	*1.79*	
			For Schedule 80, Add	*3.35*	
26 05 33 13-1063		EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	35.42	
			For Schedule 60, Add	*2.12*	
			For Schedule 80, Add	*3.97*	
26 05 33 13-1064		EA	1" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	42.04	
			For Schedule 60, Add	*2.65*	
			For Schedule 80, Add	*4.89*	
26 05 33 13-1065		EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	48.64	
			For Schedule 60, Add	*3.17*	
			For Schedule 80, Add	*5.79*	
26 05 33 13-1066		EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	55.18	
			For Schedule 60, Add	*3.69*	
			For Schedule 80, Add	*6.68*	
26 05 33 13-1067		EA	2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	63.42	
			For Schedule 60, Add	*4.62*	
			For Schedule 80, Add	*8.16*	
26 05 33 13-1068		EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	74.57	
			For Schedule 60, Add	*6.29*	
			For Schedule 80, Add	*10.65*	
26 05 33 13-1069		EA	3" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	88.68	
			For Schedule 60, Add	*8.69*	
			For Schedule 80, Add	*14.19*	
26 05 33 13-1070		EA	3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	106.43	
			For Schedule 60, Add	*10.88*	
			For Schedule 80, Add	*17.59*	
26 05 33 13-1071		EA	4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	127.15	
			For Schedule 60, Add	*13.82*	
			For Schedule 80, Add	*22.04*	
26 05 33 13-1072		EA	5" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	168.23	
			For Schedule 60, Add	*21.84*	
			For Schedule 80, Add	*33.61*	
26 05 33 13-1073		EA	6" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	191.15	
			For Schedule 60, Add	*25.32*	
			For Schedule 80, Add	*38.82*	

26 05 33 13-1074 Polyvinyl Chloride (PVC) Conduit Female Adapters, Direct Burial *(26 05 33 13-1038)*

26 05 33 13-1075		EA	1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	16.44	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.72*	
26 05 33 13-1076		EA	3/4" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	18.93	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.39*	
26 05 33 13-1077		EA	1" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	21.53	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.06*	
26 05 33 13-1078		EA	1-1/4" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	24.29	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.74*	
26 05 33 13-1079		EA	1-1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	26.69	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.41*	
26 05 33 13-1080		EA	2" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	29.77	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.09*	
26 05 33 13-1081		EA	2-1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	35.53	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.10*	
26 05 33 13-1082		EA	3" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	40.78	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.11*	
26 05 33 13-1083		EA	3-1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	48.31	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.79*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	26 05 33 13-1084	EA	4" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	54.33	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.48*	

26 05 33 13-1085 Polyvinyl Chloride (PVC) Conduit Bell Ends And Plug, Direct Burial *(26 05 33 13-1038)*

	26 05 33 13-1086	EA	1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	19.26	
	26 05 33 13-1087	EA	3/4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	21.92	
	26 05 33 13-1088	EA	1" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	24.60	
	26 05 33 13-1089	EA	1-1/4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	31.58	
	26 05 33 13-1090	EA	1-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	34.94	
	26 05 33 13-1091	EA	2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	39.27	
	26 05 33 13-1092	EA	2-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	43.94	
	26 05 33 13-1093	EA	3" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	49.71	
	26 05 33 13-1094	EA	3-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	58.92	
	26 05 33 13-1095	EA	4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	64.95	

26 05 33 13-1096 Polyvinyl Chloride (PVC) Conduit Male Terminal Adapters, Direct Burial *(26 05 33 13-1038)*

	26 05 33 13-1097	EA	1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapters, Direct Burial	16.32	
	26 05 33 13-1098	EA	3/4" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapters, Direct Burial	18.93	
	26 05 33 13-1099	EA	1" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapters, Direct Burial	21.37	
	26 05 33 13-1100	EA	1-1/4" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapters, Direct Burial	24.01	
	26 05 33 13-1101	EA	1-1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial	26.44	
	26 05 33 13-1102	EA	2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial	29.43	
	26 05 33 13-1103	EA	2-1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial	34.85	
	26 05 33 13-1104	EA	3" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial	39.83	
	26 05 33 13-1105	EA	3-1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial	47.10	
	26 05 33 13-1106	EA	4" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial	53.09	
	26 05 33 13-1107	EA	5" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial	67.07	
	26 05 33 13-1108	EA	6" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial	76.12	

26 05 33 13-1109 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial *(26 05 33 13-1037)*

Note: 40 mil Polyvinyl Chloride (PVC) coated, 2 mil urethane lined (Ocal Blue, Crouse-Hinds, Appleton or O-Z/Gedney).

26 05 33 13-1110 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial *(26 05 33 13-1109)*

Note: Includes field bending for conduit up to and including 1". See CSI section 26 05 33 13-1358 for field bending >1".

	26 05 33 13-1111	LF	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	12.40	2.47
			For >1,000, Deduct	*-1.08*	
			For >250 To 500, Deduct	*-0.46*	
			For >500 To 1,000, Deduct	*-0.77*	
	26 05 33 13-1112	LF	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	13.93	3.05
			For >1,000, Deduct	*-1.22*	
			For >250 To 500, Deduct	*-0.52*	
			For >500 To 1,000, Deduct	*-0.87*	
	26 05 33 13-1113	LF	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	17.13	3.40
			For >1,000, Deduct	*-1.51*	
			For >250 To 500, Deduct	*-0.65*	
			For >500 To 1,000, Deduct	*-1.08*	
	26 05 33 13-1114	LF	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	20.68	4.57
			For >1,000, Deduct	*-1.83*	
			For >250 To 500, Deduct	*-0.80*	
			For >500 To 1,000, Deduct	*-1.32*	
	26 05 33 13-1115	LF	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	24.30	5.16
			For >1,000, Deduct	*-2.17*	
			For >250 To 500, Deduct	*-0.95*	
			For >500 To 1,000, Deduct	*-1.56*	
	26 05 33 13-1116	LF	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	30.81	5.62
			For >1,000, Deduct	*-2.76*	
			For >250 To 500, Deduct	*-1.22*	
			For >500 To 1,000, Deduct	*-1.99*	
	26 05 33 13-1117	LF	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	44.76	8.44
			For >1,000, Deduct	*-4.04*	
			For >250 To 500, Deduct	*-1.80*	
			For >500 To 1,000, Deduct	*-2.92*	
	26 05 33 13-1118	LF	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	57.72	10.55
			For >1,000, Deduct	*-5.19*	
			For >250 To 500, Deduct	*-2.30*	
			For >500 To 1,000, Deduct	*-3.74*	
	26 05 33 13-1119	LF	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	71.22	11.14
			For >1,000, Deduct	*-6.39*	
			For >250 To 500, Deduct	*-2.83*	
			For >500 To 1,000, Deduct	*-4.61*	
	26 05 33 13-1120	LF	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	84.58	12.31
			For >1,000, Deduct	*-7.58*	
			For >250 To 500, Deduct	*-3.35*	
			For >500 To 1,000, Deduct	*-5.46*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1121		LF	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	132.13	17.00
			For >1,000, Deduct	*-12.10*	
			For >250 To 500, Deduct	*-5.49*	
			For >500 To 1,000, Deduct	*-8.80*	
26 05 33 13-1122		LF	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	176.28	22.27
			For >1,000, Deduct	*-16.22*	
			For >250 To 500, Deduct	*-7.41*	
			For >500 To 1,000, Deduct	*-11.81*	

26 05 33 13-1123 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Couplings, Direct Burial *(26 05 33 13-1109)*

26 05 33 13-1124		EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	13.32	3.52
26 05 33 13-1125		EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	15.95	4.69
26 05 33 13-1126		EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	20.27	5.86
26 05 33 13-1127		EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	22.86	6.45
26 05 33 13-1128		EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	27.09	7.62
26 05 33 13-1129		EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	34.92	8.79
26 05 33 13-1130		EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	64.01	10.55
26 05 33 13-1131		EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	81.42	14.66
26 05 33 13-1132		EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	100.85	17.00
26 05 33 13-1133		EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	125.06	23.45
26 05 33 13-1134		EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	319.19	32.24
26 05 33 13-1135		EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	320.88	18.16

26 05 33 13-1136 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbows, Direct Burial *(26 05 33 13-1109)*

Note: 90, 45, or 30-degree.

26 05 33 13-1137		EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	51.31	14.66
26 05 33 13-1138		EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	59.19	18.16
26 05 33 13-1139		EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	70.76	22.27
26 05 33 13-1140		EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	83.78	25.79
26 05 33 13-1141		EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	98.19	29.30
26 05 33 13-1142		EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	119.70	32.24
26 05 33 13-1143		EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	184.95	40.44
26 05 33 13-1144		EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	276.49	55.09
26 05 33 13-1145		EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	342.47	62.13
26 05 33 13-1146		EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	392.43	80.88
26 05 33 13-1147		EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	819.63	131.87
26 05 33 13-1148		EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	1,289.72	198.10

26 05 33 13-1149 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbows, Direct Burial *(26 05 33 13-1109)*

26 05 33 13-1150		EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow, Direct Burial	122.64	22.27
26 05 33 13-1151		EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow, Direct Burial	137.95	25.79
26 05 33 13-1152		EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow, Direct Burial	157.50	29.30
26 05 33 13-1153		EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow, Direct Burial	188.13	32.24
26 05 33 13-1154		EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow, Direct Burial	262.41	40.44

26 05 33 13-1155 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbows, Direct Burial *(26 05 33 13-1109)*

26 05 33 13-1156		EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial	136.68	22.27
26 05 33 13-1157		EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial	161.14	25.79
26 05 33 13-1158		EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial	174.12	29.30
26 05 33 13-1159		EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial	224.39	32.24
26 05 33 13-1160		EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial	297.37	40.44

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1161	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial	380.15	55.09
26 05 33 13-1162		**Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbows, Direct Burial** *(26 05 33 13-1109)*		
26 05 33 13-1163	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial	153.45	22.27
26 05 33 13-1164	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial	173.21	25.79
26 05 33 13-1165	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial	195.45	29.30
26 05 33 13-1166	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial	236.41	32.24
26 05 33 13-1167	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial	337.53	40.44
26 05 33 13-1168	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial	427.31	55.09
26 05 33 13-1169	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial	539.96	62.13
26 05 33 13-1170	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial	607.60	80.88
26 05 33 13-1171		**Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbows, Direct Burial** *(26 05 33 13-1109)*		
26 05 33 13-1172	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial	182.43	22.27
26 05 33 13-1173	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial	201.56	25.79
26 05 33 13-1174	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial	227.64	29.30
26 05 33 13-1175	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial	282.75	32.24
26 05 33 13-1176	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial	409.42	40.44
26 05 33 13-1177	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial	507.21	55.09
26 05 33 13-1178	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial	588.75	62.13
26 05 33 13-1179	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial	697.16	80.88
26 05 33 13-1180		**Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbows, Direct Burial** *(26 05 33 13-1109)*		
26 05 33 13-1181	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	204.98	22.27
26 05 33 13-1182	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	227.94	25.79
26 05 33 13-1183	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	259.31	29.30
26 05 33 13-1184	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	323.10	32.24
26 05 33 13-1185	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	448.65	40.44
26 05 33 13-1186	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	571.12	55.09
26 05 33 13-1187	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	707.36	62.13
26 05 33 13-1188	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	779.37	80.88
26 05 33 13-1189	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	1,299.58	131.87
26 05 33 13-1190		**Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbows, Direct Burial** *(26 05 33 13-1109)*		
26 05 33 13-1191	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	234.47	22.27
26 05 33 13-1192	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	259.82	25.79
26 05 33 13-1193	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	294.04	29.30
26 05 33 13-1194	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	367.84	32.24
26 05 33 13-1195	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	514.01	40.44
26 05 33 13-1196	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	652.54	55.09
26 05 33 13-1197	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	766.80	62.13

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1198	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	885.50	80.88
26 05 33 13-1199	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	1,373.96	131.87
26 05 33 13-1200	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	1,877.46	198.10
26 05 33 13-1201		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbows, Direct Burial *(26 05 33 13-1109)*		
26 05 33 13-1202	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	275.53	22.27
26 05 33 13-1203	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	288.24	25.79
26 05 33 13-1204	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	340.51	29.30
26 05 33 13-1205	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	430.13	32.24
26 05 33 13-1206	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	602.14	40.44
26 05 33 13-1207	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	762.31	55.09
26 05 33 13-1208	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	932.04	62.13
26 05 33 13-1209	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	1,091.97	80.88
26 05 33 13-1210	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	1,616.58	131.87
26 05 33 13-1211	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	1,988.83	198.10
26 05 33 13-1212		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbows, Direct Burial *(26 05 33 13-1109)*		
26 05 33 13-1213	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	285.42	22.27
26 05 33 13-1214	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	336.31	25.79
26 05 33 13-1215	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	380.70	29.30
26 05 33 13-1216	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	448.86	32.24
26 05 33 13-1217	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	624.16	40.44
26 05 33 13-1218	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	796.07	55.09
26 05 33 13-1219	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	1,022.03	62.13
26 05 33 13-1220	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	1,138.80	80.88
26 05 33 13-1221	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	1,681.76	131.87
26 05 33 13-1222	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	2,045.42	198.10
26 05 33 13-1223		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), UNF Conduit Unions, Direct Burial *(26 05 33 13-1109)*		
26 05 33 13-1224	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	94.91	14.66
26 05 33 13-1225	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	103.15	18.16
26 05 33 13-1226	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	134.11	22.27
26 05 33 13-1227	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	195.71	25.79
26 05 33 13-1228	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	232.47	29.30
26 05 33 13-1229	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	296.15	32.24
26 05 33 13-1230	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	394.55	40.44
26 05 33 13-1231	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	513.32	40.44
26 05 33 13-1232	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	660.66	62.13
26 05 33 13-1233	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	850.52	80.88
26 05 33 13-1234	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	1,551.12	131.87
26 05 33 13-1235	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	1,929.45	198.10

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1236		**Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), UNY Conduit Unions, Direct Burial** *(26 05 33 13-1109)*		
26 05 33 13-1237	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	97.12	14.66
26 05 33 13-1238	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	111.59	18.16
26 05 33 13-1239	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	138.61	22.27
26 05 33 13-1240	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	203.97	25.79
26 05 33 13-1241	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	243.93	29.30
26 05 33 13-1242	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	320.91	32.24
26 05 33 13-1243	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	447.53	40.44
26 05 33 13-1244	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	567.19	40.44
26 05 33 13-1245	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	758.05	62.13
26 05 33 13-1246	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	947.56	80.88
26 05 33 13-1247	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	1,729.00	131.87
26 05 33 13-1248	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	2,216.66	198.10
26 05 33 13-1249		**Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), Nipples, Direct Burial** *(26 05 33 13-1109)*		
26 05 33 13-1250	EA	1/2" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	32.67	7.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.22*	
26 05 33 13-1251	EA	3/4" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	36.54	8.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.27*	
26 05 33 13-1252	EA	1" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	42.28	11.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.68*	
26 05 33 13-1253	EA	1-1/4" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	50.40	12.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.74*	
26 05 33 13-1254	EA	1-1/2" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	54.72	14.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.79*	
26 05 33 13-1255	EA	1/2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	36.24	7.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.57*	
26 05 33 13-1256	EA	3/4" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	39.09	8.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.27*	
26 05 33 13-1257	EA	1" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	44.84	11.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.68*	
26 05 33 13-1258	EA	1-1/4" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	53.12	12.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.74*	
26 05 33 13-1259	EA	1-1/2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	57.64	14.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.79*	
26 05 33 13-1260	EA	2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	62.44	16.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.85*	
26 05 33 13-1261	EA	1/2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	36.42	7.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.57*	
26 05 33 13-1262	EA	3/4" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	39.26	8.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.27*	
26 05 33 13-1263	EA	1" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	45.17	11.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.68*	
26 05 33 13-1264	EA	1-1/4" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	53.46	12.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
26 05 33 13-1265	EA	1-1/2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	58.00	14.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.79*	
26 05 33 13-1266	EA	2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	63.35	16.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1267	EA	1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	38.83	7.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.57*	
26 05 33 13-1268	EA	3/4" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	41.68	8.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.27*	
26 05 33 13-1269	EA	1" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	47.77	11.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.68*	
26 05 33 13-1270	EA	1-1/4" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	54.94	12.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
26 05 33 13-1271	EA	1-1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	59.63	14.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.79*	
26 05 33 13-1272	EA	2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	66.20	16.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.85*	
26 05 33 13-1273	EA	2-1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	92.84	19.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.96*	
26 05 33 13-1274	EA	3" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	119.91	27.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.53*	
26 05 33 13-1275	EA	1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	39.01	7.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.57*	
26 05 33 13-1276	EA	3/4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	42.01	8.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.27*	
26 05 33 13-1277	EA	1" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	48.12	11.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.68*	
26 05 33 13-1278	EA	1-1/4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	56.41	12.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
26 05 33 13-1279	EA	1-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	61.25	14.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.79*	
26 05 33 13-1280	EA	2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	69.05	16.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.85*	
26 05 33 13-1281	EA	2-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	95.35	19.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.96*	
26 05 33 13-1282	EA	3" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	125.33	27.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.53*	
26 05 33 13-1283	EA	3-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	149.72	31.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.64*	
26 05 33 13-1284	EA	4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	174.60	40.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.26*	
26 05 33 13-1285	EA	1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	39.34	7.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.57*	
26 05 33 13-1286	EA	3/4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	42.37	8.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.27*	
26 05 33 13-1287	EA	1" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	48.50	11.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.68*	
26 05 33 13-1288	EA	1-1/4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	57.10	12.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
26 05 33 13-1289	EA	1-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	61.97	14.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.79*	
26 05 33 13-1290	EA	2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	70.60	16.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.85*	
26 05 33 13-1291	EA	2-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	105.37	19.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.96*	
26 05 33 13-1292	EA	3" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	133.44	27.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.53*	
26 05 33 13-1293	EA	3-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	151.45	31.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.64*	
26 05 33 13-1294	EA	4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	179.22	40.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1295	EA	5" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	264.34	55.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.41*	
26 05 33 13-1296	EA	1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	39.97	7.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.57*	
26 05 33 13-1297	EA	3/4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	43.00	8.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.27*	
26 05 33 13-1298	EA	1" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	49.19	11.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.68*	
26 05 33 13-1299	EA	1-1/4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	58.37	12.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
26 05 33 13-1300	EA	1-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	63.49	14.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.79*	
26 05 33 13-1301	EA	2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	72.15	16.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.85*	
26 05 33 13-1302	EA	2-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	115.54	19.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.96*	
26 05 33 13-1303	EA	3" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	144.22	27.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.53*	
26 05 33 13-1304	EA	3-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	161.16	31.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.64*	
26 05 33 13-1305	EA	4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	195.60	40.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.26*	
26 05 33 13-1306	EA	5" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	288.82	55.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.41*	
26 05 33 13-1307	EA	1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	40.97	7.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.57*	
26 05 33 13-1308	EA	3/4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	43.97	8.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.27*	
26 05 33 13-1309	EA	1" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	50.72	11.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.68*	
26 05 33 13-1310	EA	1-1/4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	58.70	12.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
26 05 33 13-1311	EA	1-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	66.59	14.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.79*	
26 05 33 13-1312	EA	2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	79.72	16.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.85*	
26 05 33 13-1313	EA	2-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	128.05	19.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.96*	
26 05 33 13-1314	EA	3" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	158.96	27.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.53*	
26 05 33 13-1315	EA	3-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	185.46	31.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.64*	
26 05 33 13-1316	EA	4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	220.18	40.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.26*	
26 05 33 13-1317	EA	5" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	305.59	55.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.41*	
26 05 33 13-1318	EA	1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	42.01	7.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.57*	
26 05 33 13-1319	EA	3/4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	44.98	8.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.27*	
26 05 33 13-1320	EA	1" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	52.22	11.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.68*	
26 05 33 13-1321	EA	1-1/4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	63.28	12.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
26 05 33 13-1322	EA	1-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	73.97	14.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.79*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	26 05 33 13-1323	EA	2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	90.86	16.41
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.85*	
	26 05 33 13-1324	EA	2-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	141.27	19.93
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.96*	
	26 05 33 13-1325	EA	3" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	177.85	27.55
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.53*	
	26 05 33 13-1326	EA	3-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	210.99	31.06
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.64*	
	26 05 33 13-1327	EA	4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	263.19	40.44
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.26*	
	26 05 33 13-1328	EA	5" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	339.07	55.67
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.41*	
	26 05 33 13-1329	EA	1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	43.08	7.62
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.57*	
	26 05 33 13-1330	EA	3/4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	46.18	8.79
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.27*	
	26 05 33 13-1331	EA	1" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	56.03	11.14
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.68*	
	26 05 33 13-1332	EA	1-1/4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	70.80	12.89
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.73*	
	26 05 33 13-1333	EA	1-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	82.89	14.66
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.79*	
	26 05 33 13-1334	EA	2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	99.80	16.41
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.85*	
	26 05 33 13-1335	EA	2-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	158.91	19.93
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.96*	
	26 05 33 13-1336	EA	3" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	206.17	27.55
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.53*	
	26 05 33 13-1337	EA	3-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	226.65	31.06
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.64*	
	26 05 33 13-1338	EA	4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	276.39	40.44
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.26*	
	26 05 33 13-1339	EA	5" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	343.85	55.67
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.41*	
	26 05 33 13-1340		**Spacers** *(26 05 33 13-1037)* Note: For concrete encasement applications. See CSI section 03 30 53 00-0001 for concrete., 26 05 33 13-1037 for conduit.		
	26 05 33 13-1341	EA	1" Base Spacers, Average 4" Wide, Direct Burial	12.10	
	26 05 33 13-1342	EA	1" Intermediate Spacers, Average 4" Wide, Direct Burial	12.98	
	26 05 33 13-1343	EA	1-1/4" Base Spacer, Average 4" Wide, Direct Burial	14.38	
	26 05 33 13-1344	EA	1-1/4" Intermediate Spacers, Average 4" Wide, Direct Burial	15.44	
	26 05 33 13-1345	EA	1-1/2" Base Spacer, Average 4" Wide, Direct Burial	14.52	
	26 05 33 13-1346	EA	1-1/2" Intermediate Spacers, Average 4" Wide, Direct Burial	15.54	
	26 05 33 13-1347	EA	2" Base Spacer, Average 4" Wide, Direct Burial	17.96	
	26 05 33 13-1348	EA	2" Intermediate Spacers, Average 4" Wide, Direct Burial	16.67	
	26 05 33 13-1349	EA	2-1/2" Base Spacer, Average 4" Wide, Direct Burial	19.84	
	26 05 33 13-1350	EA	2-1/2" Intermediate Spacers, Average 4" Wide, Direct Burial	19.19	
	26 05 33 13-1351	EA	3" Base Spacer, Average 4" Wide, Direct Burial	22.66	
	26 05 33 13-1352	EA	3" Intermediate Spacers, Average 4" Wide, Direct Burial	21.67	
	26 05 33 13-1353	EA	3-1/2" Base Spacer, Average 4" Wide, Direct Burial	24.55	
	26 05 33 13-1354	EA	3-1/2" Intermediate Spacers, Average 4" Wide, Direct Burial	23.50	
	26 05 33 13-1355	EA	4" Base Spacer, Average 4" Wide, Direct Burial	25.32	
	26 05 33 13-1356	EA	4" Intermediate Spacers, Average 4" Wide, Direct Burial	24.16	
	26 05 33 13-1357		**Conduit Field Bending** *(26 05 33 13-0058)* Note: Conduit tasks by LF include field bending up to and include 1" conduit.		
	26 05 33 13-1358		**Metallic Conduit Field Bending** *(26 05 33 13-1357)* Note: For use with Rigid Galvanized Steel (RGS), Electrical Metallic Tubing (EMT), and Intermediate Metal Conduit (IMC).		
	26 05 33 13-1359	EA	1-1/4" Metallic Conduit Field Bending	21.06	
			For Aluminum Conduit Bending, Add	*13.90*	
	26 05 33 13-1360	EA	1-1/2" Metallic Conduit Field Bending	26.32	
			For Aluminum Conduit Bending, Add	*17.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1361	EA	2" Metallic Conduit Field Bending	32.90	
		For Aluminum Conduit Bending, Add	*21.71*	
26 05 33 13-1362	EA	2-1/2" Metallic Conduit Field Bending	46.06	
		For Aluminum Conduit Bending, Add	*30.40*	
26 05 33 13-1363	EA	3" Metallic Conduit Field Bending	59.22	
		For Aluminum Conduit Bending, Add	*39.09*	
26 05 33 13-1364	EA	3-1/2" Metallic Conduit Field Bending	78.96	
		For Aluminum Conduit Bending, Add	*52.11*	
26 05 33 13-1365	EA	4" Metallic Conduit Field Bending	92.12	
		For Aluminum Conduit Bending, Add	*60.80*	
26 05 33 13-1366	EA	5" Metallic Conduit Field Bending	105.29	
		For Aluminum Conduit Bending, Add	*69.49*	
26 05 33 13-1367	EA	6" Metallic Conduit Field Bending	125.02	
		For Aluminum Conduit Bending, Add	*82.51*	

26 05 33 13-1368 Plastic Conduit Field Bending *(26 05 33 13-1357)*

Note: For PVC conduits.

26 05 33 13-1369	EA	1" Plastic Conduit Field Bending	30.27	
26 05 33 13-1370	EA	1-1/4" Plastic Conduit Field Bending	32.90	
26 05 33 13-1371	EA	1-1/2" Plastic Conduit Field Bending	39.49	
26 05 33 13-1372	EA	2" Plastic Conduit Field Bending	52.64	
26 05 33 13-1373	EA	2-1/2" Plastic Conduit Field Bending	65.80	
26 05 33 13-1374	EA	3" Plastic Conduit Field Bending	78.96	
26 05 33 13-1375	EA	3-1/2" Plastic Conduit Field Bending	92.12	
26 05 33 13-1376	EA	4" Plastic Conduit Field Bending	105.29	
26 05 33 13-1377	EA	5" Plastic Conduit Field Bending	118.45	
26 05 33 13-1378	EA	6" Plastic Conduit Field Bending	131.61	

26 05 33 13-1379 Cut And Thread Existing In-Place Threaded Conduit *(26 05 33 13-0058)*

Note: For use when connecting conduit to an existing in-place system.

26 05 33 13-1380	EA	1/2", Cut And Thread Existing In-Place Threaded Conduit	38.55	
		For Work In Restricted Working Space, Add	*11.57*	
26 05 33 13-1381	EA	3/4", Cut And Thread Existing In-Place Threaded Conduit	42.40	
		For Work In Restricted Working Space, Add	*12.72*	
26 05 33 13-1382	EA	1", Cut And Thread Existing In-Place Threaded Conduit	46.26	
		For Work In Restricted Working Space, Add	*13.88*	
26 05 33 13-1383	EA	1-1/4", Cut And Thread Existing In-Place Threaded Conduit	50.11	
		For Work In Restricted Working Space, Add	*15.03*	
26 05 33 13-1384	EA	1-1/2", Cut And Thread Existing In-Place Threaded Conduit	52.68	
		For Work In Restricted Working Space, Add	*15.80*	
26 05 33 13-1385	EA	2", Cut And Thread Existing In-Place Threaded Conduit	55.25	
		For Work In Restricted Working Space, Add	*16.58*	
26 05 33 13-1386	EA	2-1/2", Cut And Thread Existing In-Place Threaded Conduit	57.82	
		For Work In Restricted Working Space, Add	*17.35*	
26 05 33 13-1387	EA	3", Cut And Thread Existing In-Place Threaded Conduit	60.39	
		For Work In Restricted Working Space, Add	*18.12*	
26 05 33 13-1388	EA	3-1/2", Cut And Thread Existing In-Place Threaded Conduit	61.67	
		For Work In Restricted Working Space, Add	*18.50*	
26 05 33 13-1389	EA	4", Cut And Thread Existing In-Place Threaded Conduit	62.96	
		For Work In Restricted Working Space, Add	*18.89*	
26 05 33 13-1390	EA	5", Cut And Thread Existing In-Place Threaded Conduit	65.53	
		For Work In Restricted Working Space, Add	*19.66*	
26 05 33 13-1391	EA	6", Cut And Thread Existing In-Place Threaded Conduit	68.10	
		For Work In Restricted Working Space, Add	*20.43*	

26 05 33 13-1392 Flexible Conduit *(26 05 33 13-0058)*

26 05 33 13-1393 Flexible Liquid Tight Metallic Conduit And Connectors *(26 05 33 13-1392)*

Note: Steel inner core with PVC cover.

26 05 33 13-1394 Flexible Liquid Tight Metallic Conduit *(26 05 33 13-1393)*

26 05 33 13-1395	LF	1/2" Flexible Liquid Tight Metallic Conduit	5.15	1.40
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.53*	
		For Work In Restricted Working Space, Add	*1.06*	
26 05 33 13-1396	LF	3/4" Flexible Liquid Tight Metallic Conduit	6.90	1.87
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.70*	
		For Work In Restricted Working Space, Add	*1.41*	
26 05 33 13-1397	LF	1" Flexible Liquid Tight Metallic Conduit	8.03	1.87
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.70*	
		For Work In Restricted Working Space, Add	*1.41*	
26 05 33 13-1398	LF	1-1/4" Flexible Liquid Tight Metallic Conduit	10.41	2.35
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.88*	
		For Work In Restricted Working Space, Add	*1.76*	
26 05 33 13-1399	LF	1-1/2" Flexible Liquid Tight Metallic Conduit	13.42	2.82
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.06*	
		For Work In Restricted Working Space, Add	*2.11*	
26 05 33 13-1400	LF	2" Flexible Liquid Tight Metallic Conduit	17.63	3.75
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.41*	
		For Work In Restricted Working Space, Add	*2.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1401	LF	2-1/2" Flexible Liquid Tight Metallic Conduit	24.19	4.22
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.58*	
		For Work In Restricted Working Space, Add	*3.17*	
26 05 33 13-1402	LF	3" Flexible Liquid Tight Metallic Conduit	35.83	5.16
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.93*	
		For Work In Restricted Working Space, Add	*3.87*	
26 05 33 13-1403	LF	4" Flexible Liquid Tight Metallic Conduit	49.16	6.57
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*2.46*	
		For Work In Restricted Working Space, Add	*4.92*	

26 05 33 13-1404 Straight Liquid Tight Connector *(26 05 33 13-1393)*

26 05 33 13-1405	EA	1/2" Straight Liquid Tight Connector	13.42	3.75
		For Work In Restricted Working Space, Add	*2.81*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.81*	
26 05 33 13-1406	EA	3/4" Straight Liquid Tight Connector	16.35	4.22
		For Work In Restricted Working Space, Add	*3.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.17*	
26 05 33 13-1407	EA	1" Straight Liquid Tight Connector	22.07	4.69
		For Work In Restricted Working Space, Add	*3.52*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.52*	
26 05 33 13-1408	EA	1-1/4" Straight Liquid Tight Connector	28.53	5.16
		For Work In Restricted Working Space, Add	*3.87*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.87*	
26 05 33 13-1409	EA	1-1/2" Straight Liquid Tight Connector	36.38	5.62
		For Work In Restricted Working Space, Add	*4.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.22*	
26 05 33 13-1410	EA	2" Straight Liquid Tight Connector	50.41	6.57
		For Work In Restricted Working Space, Add	*4.92*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.92*	
26 05 33 13-1411	EA	2-1/2" Straight Liquid Tight Connector	175.46	8.44
		For Work In Restricted Working Space, Add	*6.33*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.33*	
26 05 33 13-1412	EA	3" Straight Liquid Tight Connector	226.69	8.91
		For Work In Restricted Working Space, Add	*6.68*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.68*	
26 05 33 13-1413	EA	4" Straight Liquid Tight Connector	276.95	13.13
		For Work In Restricted Working Space, Add	*9.85*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.85*	

26 05 33 13-1414 90 Degree Angle Liquid Tight Connector *(26 05 33 13-1393)*

26 05 33 13-1415	EA	1/2" 90 Degree Angle Liquid Tight Connector	20.52	5.16
		For Work In Restricted Working Space, Add	*3.87*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.87*	
26 05 33 13-1416	EA	3/4" 90 Degree Angle Liquid Tight Connector	23.24	5.62
		For Work In Restricted Working Space, Add	*4.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.22*	
26 05 33 13-1417	EA	1" 90 Degree Angle Liquid Tight Connector	33.10	6.57
		For Work In Restricted Working Space, Add	*4.92*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.92*	
26 05 33 13-1418	EA	1-1/4" 90 Degree Angle Liquid Tight Connector	41.98	7.04
		For Work In Restricted Working Space, Add	*5.27*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.27*	
26 05 33 13-1419	EA	1-1/2" 90 Degree Angle Liquid Tight Connector	51.16	7.50
		For Work In Restricted Working Space, Add	*5.63*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.63*	
26 05 33 13-1420	EA	2" 90 Degree Angle Liquid Tight Connector	68.03	8.44
		For Work In Restricted Working Space, Add	*6.33*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.33*	
26 05 33 13-1421	EA	2-1/2" 90 Degree Angle Liquid Tight Connector	245.79	8.91
		For Work In Restricted Working Space, Add	*6.68*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.68*	
26 05 33 13-1422	EA	3" 90 Degree Angle Liquid Tight Connector	290.49	10.31
		For Work In Restricted Working Space, Add	*7.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.74*	
26 05 33 13-1423	EA	4" 90 Degree Angle Liquid Tight Connector	401.35	16.41
		For Work In Restricted Working Space, Add	*12.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.31*	

26 05 33 13-1424 45 Degree Angle Connector *(26 05 33 13-1393)*

26 05 33 13-1425	EA	1/2" 45 Degree Angle Liquid Tight Connector	19.56	5.16
		For Work In Restricted Working Space, Add	*3.87*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.87*	
26 05 33 13-1426	EA	3/4" 45 Degree Angle Liquid Tight Connector	23.24	5.62
		For Work In Restricted Working Space, Add	*4.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.22*	
26 05 33 13-1427	EA	1" 45 Degree Angle Liquid Tight Connector	35.48	6.57
		For Work In Restricted Working Space, Add	*4.92*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.92*	
26 05 33 13-1428	EA	1-1/4" 45 Degree Angle Liquid Tight Connector	40.44	7.04
		For Work In Restricted Working Space, Add	*5.27*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1429	EA	1-1/2" 45 Degree Angle Liquid Tight Connector	45.41	7.50
		For Work In Restricted Working Space, Add	*5.63*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.63*	

26 05 33 13-1430 Flexible Metallic Conduit And Connectors *(26 05 33 13-1392)*

26 05 33 13-1431 Flexible Steel Conduit *(26 05 33 13-1430)*

26 05 33 13-1432	LF	1/2" Flexible Metallic Conduit	4.77	1.54
		For Installation In Metal Stud Wall, Add	*0.39*	
		For Flexible Aluminum Conduit, Add	*0.15*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*0.96*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.58*	
		For Work In Restricted Working Space, Add	*1.16*	
26 05 33 13-1433	LF	3/4" Flexible Metallic Conduit	5.42	2.05
		For Installation In Metal Stud Wall, Add	*0.42*	
		For Flexible Aluminum Conduit, Add	*0.21*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.04*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.63*	
		For Work In Restricted Working Space, Add	*1.25*	
26 05 33 13-1434	LF	1" Flexible Metallic Conduit	6.82	2.05
		For Installation In Metal Stud Wall, Add	*0.45*	
		For Flexible Aluminum Conduit, Add	*0.38*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.12*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.67*	
		For Work In Restricted Working Space, Add	*1.35*	
26 05 33 13-1435	LF	1-1/4" Flexible Metallic Conduit	7.79	2.57
		For Installation In Metal Stud Wall, Add	*0.48*	
		For Flexible Aluminum Conduit, Add	*0.50*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.19*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.71*	
		For Work In Restricted Working Space, Add	*1.43*	
26 05 33 13-1436	LF	1-1/2" Flexible Metallic Conduit	10.27	3.08
		For Installation In Metal Stud Wall, Add	*0.49*	
		For Flexible Aluminum Conduit, Add	*0.88*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.24*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.74*	
		For Work In Restricted Working Space, Add	*1.48*	
26 05 33 13-1437	LF	2" Flexible Metallic Conduit	11.67	4.11
		For Installation In Metal Stud Wall, Add	*0.51*	
		For Flexible Aluminum Conduit, Add	*1.08*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.28*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.77*	
		For Work In Restricted Working Space, Add	*1.54*	
26 05 33 13-1438	LF	2-1/2" Flexible Steel Conduit	14.32	4.62
		For Installation In Metal Stud Wall, Add	*0.64*	
		For Flexible Aluminum Conduit, Add	*1.31*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.60*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.96*	
		For Work In Restricted Working Space, Add	*1.92*	
26 05 33 13-1439	LF	3" Flexible Metallic Conduit	21.44	5.64
		For Installation In Metal Stud Wall, Add	*0.77*	
		For Flexible Aluminum Conduit, Add	*2.27*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.93*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.16*	
		For Work In Restricted Working Space, Add	*2.31*	
26 05 33 13-1440	LF	3-1/2" Flexible Metallic Conduit	26.30	6.16
		For Installation In Metal Stud Wall, Add	*0.90*	
		For Flexible Aluminum Conduit, Add	*2.86*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.25*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.35*	
		For Work In Restricted Working Space, Add	*2.69*	
26 05 33 13-1441	LF	4" Flexible Metallic Conduit	30.25	7.19
		For Installation In Metal Stud Wall, Add	*1.03*	
		For Flexible Aluminum Conduit, Add	*3.30*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.57*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.54*	
		For Work In Restricted Working Space, Add	*3.08*	

26 05 33 13-1442 Plain Squeeze Type Straight Connector *(26 05 33 13-1430)*

26 05 33 13-1443	EA	1/2" Flexible Straight Connectors, Plain	9.76	4.62
		For Work In Restricted Working Space, Add	*1.92*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.92*	
26 05 33 13-1444	EA	3/4" Flexible Straight Connectors, Plain	11.23	5.64
		For Work In Restricted Working Space, Add	*2.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.31*	
26 05 33 13-1445	EA	1" Flexible Straight Connectors, Plain	18.00	6.16
		For Work In Restricted Working Space, Add	*3.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.08*	
26 05 33 13-1446	EA	1-1/4" Flexible Straight Connectors, Plain	25.50	7.19
		For Work In Restricted Working Space, Add	*3.85*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.85*	
26 05 33 13-1447	EA	1-1/2" Flexible Straight Connectors, Plain	33.62	8.73
		For Work In Restricted Working Space, Add	*4.81*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1448	EA	2" Flexible Straight Connectors, Plain	44.26	8.73
		For Work In Restricted Working Space, Add	*5.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.77*	
26 05 33 13-1449	EA	2-1/2" Flexible Straight Connectors, Plain	71.60	10.77
		For Work In Restricted Working Space, Add	*6.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.74*	
26 05 33 13-1450	EA	3" Flexible Straight Connectors, Plain	93.80	11.80
		For Work In Restricted Working Space, Add	*7.70*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.70*	
26 05 33 13-1451	EA	3-1/2" Flexible Straight Connectors, Plain	292.41	13.86
		For Work In Restricted Working Space, Add	*8.66*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.66*	
26 05 33 13-1452	EA	4" Flexible Straight Connectors, Plain	365.48	16.94
		For Work In Restricted Working Space, Add	*9.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.62*	

26 05 33 13-1453 Insulated Throat Squeeze Type Straight Connector *(26 05 33 13-1430)*

26 05 33 13-1454	EA	1/2" Flexible Straight Connectors, Insulated	10.91	4.62
		For Work In Restricted Working Space, Add	*1.92*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.92*	
26 05 33 13-1455	EA	3/4" Flexible Straight Connectors, Insulated	12.74	5.64
		For Work In Restricted Working Space, Add	*2.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.31*	
26 05 33 13-1456	EA	1" Flexible Straight Connectors, Insulated	20.06	6.16
		For Work In Restricted Working Space, Add	*3.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.08*	
26 05 33 13-1457	EA	1-1/4" Flexible Straight Connectors, Insulated	29.28	7.19
		For Work In Restricted Working Space, Add	*3.85*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.85*	
26 05 33 13-1458	EA	1-1/2" Flexible Straight Connectors, Insulated	40.35	7.70
		For Work In Restricted Working Space, Add	*4.81*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.81*	
26 05 33 13-1459	EA	2" Flexible Straight Connectors, Insulated	56.14	8.73
		For Work In Restricted Working Space, Add	*5.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.77*	
26 05 33 13-1460	EA	2-1/2" Flexible Straight Connectors, Insulated	97.01	10.77
		For Work In Restricted Working Space, Add	*6.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.74*	
26 05 33 13-1461	EA	3" Flexible Straight Connectors, Insulated	123.76	11.80
		For Work In Restricted Working Space, Add	*7.70*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.70*	
26 05 33 13-1462	EA	3-1/2" Flexible Straight Connectors, Insulated	338.58	13.86
		For Work In Restricted Working Space, Add	*8.66*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.66*	
26 05 33 13-1463	EA	4" Flexible Straight Connectors, Insulated	434.91	16.94
		For Work In Restricted Working Space, Add	*9.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.62*	

26 05 33 13-1464 Plain Squeeze Type 90 Degree Connector *(26 05 33 13-1430)*

26 05 33 13-1465	EA	1/2" Flexible 90 Degree Connector, Plain	14.63	5.64
		For Work In Restricted Working Space, Add	*2.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.69*	
26 05 33 13-1466	EA	3/4" Flexible 90 Degree Connector, Plain	19.11	6.16
		For Work In Restricted Working Space, Add	*3.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.08*	
26 05 33 13-1467	EA	1" Flexible 90 Degree Connector, Plain	26.80	7.19
		For Work In Restricted Working Space, Add	*3.85*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.85*	
26 05 33 13-1468	EA	1-1/4" Flexible 90 Degree Connector, Plain	41.91	7.70
		For Work In Restricted Working Space, Add	*4.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.62*	
26 05 33 13-1469	EA	1-1/2" Flexible 90 Degree Connector, Plain	65.59	8.98
		For Work In Restricted Working Space, Add	*5.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.77*	
26 05 33 13-1470	EA	2" Flexible 90 Degree Connector, Plain	79.12	11.03
		For Work In Restricted Working Space, Add	*6.54*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.54*	
26 05 33 13-1471	EA	2-1/2" Flexible 90 Degree Connector, Plain	175.05	11.80
		For Work In Restricted Working Space, Add	*7.70*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.70*	
26 05 33 13-1472	EA	3" Flexible 90 Degree Connector, Plain	224.99	13.86
		For Work In Restricted Working Space, Add	*8.66*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.66*	
26 05 33 13-1473	EA	3-1/2" Flexible 90 Degree Connector, Plain	478.08	16.94
		For Work In Restricted Working Space, Add	*9.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.62*	
26 05 33 13-1474	EA	4" Flexible 90 Degree Connector, Plain	854.62	19.24
		For Work In Restricted Working Space, Add	*11.55*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.55*	

26 05 33 13-1475 Insulated Throat Squeeze Type 90 Degree Connector *(26 05 33 13-1430)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1476	EA	1/2" Flexible 90 Degree Connector, Insulated	16.23	5.64
		For Work In Restricted Working Space, Add	*2.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.69*	
26 05 33 13-1477	EA	3/4" Flexible 90 Degree Connector, Insulated	21.08	6.16
		For Work In Restricted Working Space, Add	*3.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.08*	
26 05 33 13-1478	EA	1" Flexible 90 Degree Connector, Insulated	26.80	7.19
		For Work In Restricted Working Space, Add	*3.85*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.85*	
26 05 33 13-1479	EA	1-1/4" Flexible 90 Degree Connector, Insulated	48.92	7.70
		For Work In Restricted Working Space, Add	*4.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.62*	
26 05 33 13-1480	EA	1-1/2" Flexible 90 Degree Connector, Insulated	78.32	8.98
		For Work In Restricted Working Space, Add	*5.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.77*	
26 05 33 13-1481	EA	2" Flexible 90 Degree Connector, Insulated	99.82	11.03
		For Work In Restricted Working Space, Add	*6.54*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.54*	
26 05 33 13-1482	EA	2-1/2" Flexible 90 Degree Connector, Insulated	239.75	11.80
		For Work In Restricted Working Space, Add	*7.70*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.70*	
26 05 33 13-1483	EA	3" Flexible 90 Degree Connector, Insulated	295.09	13.86
		For Work In Restricted Working Space, Add	*8.66*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.66*	
26 05 33 13-1484	EA	3-1/2" Flexible 90 Degree Connector, Insulated	795.79	16.94
		For Work In Restricted Working Space, Add	*9.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.62*	
26 05 33 13-1485	EA	4" Flexible 90 Degree Connector, Insulated	1,187.38	19.24
		For Work In Restricted Working Space, Add	*11.55*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.55*	

26 05 33 13-1486 Plain Squeeze Type 45 Degree Connector *(26 05 33 13-1430)*

26 05 33 13-1487	EA	3/8" Flexible 45 Degree Connector, Plain	12.37	5.13
		For Work In Restricted Working Space, Add	*2.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.31*	
26 05 33 13-1488	EA	1/2" Flexible 45 Degree Connector, Plain	16.70	5.64
		For Work In Restricted Working Space, Add	*2.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.69*	
26 05 33 13-1489	EA	3/4" Flexible 45 Degree Connector, Plain	21.42	6.16
		For Work In Restricted Working Space, Add	*3.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.08*	

26 05 33 13-1490 Insulated Squeeze Type 45 Degree Connector *(26 05 33 13-1430)*

26 05 33 13-1491	EA	3/8" Flexible 45 Degree Connector, Insulated	13.26	6.16
		For Work In Restricted Working Space, Add	*2.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.31*	
26 05 33 13-1492	EA	1/2" Flexible 45 Degree Connector, Insulated	18.16	5.64
		For Work In Restricted Working Space, Add	*2.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.69*	
26 05 33 13-1493	EA	3/4" Flexible 45 Degree Connector, Insulated	23.49	6.16
		For Work In Restricted Working Space, Add	*3.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.08*	

26 05 33 13-1494 Plain Screw-In Connector *(26 05 33 13-1430)*

26 05 33 13-1495	EA	3/8" Flexible Steel Screw-in Connector, Plain	6.55	4.11
		For Work In Restricted Working Space, Add	*1.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.73*	
26 05 33 13-1496	EA	1/2" Flexible Steel Screw-in Connector, Plain	7.06	4.62
		For Work In Restricted Working Space, Add	*1.92*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.92*	
26 05 33 13-1497	EA	3/4" Flexible Steel Screw-in Connector, Plain	9.01	5.64
		For Work In Restricted Working Space, Add	*2.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.31*	
26 05 33 13-1498	EA	1" Flexible Steel Screw-in Connector, Plain	12.90	6.16
		For Work In Restricted Working Space, Add	*3.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.08*	
26 05 33 13-1499	EA	1-1/4" Flexible Steel Screw-in Connector, Plain	19.01	7.19
		For Work In Restricted Working Space, Add	*3.85*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.85*	
26 05 33 13-1500	EA	1-1/2" Flexible Steel Screw-in Connector, Plain	23.23	7.70
		For Work In Restricted Working Space, Add	*4.81*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.81*	
26 05 33 13-1501	EA	2" Flexible Steel Screw-in Connector, Plain	34.18	8.73
		For Work In Restricted Working Space, Add	*5.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.77*	

26 05 33 13-1502 Insulated Screw-In Connector *(26 05 33 13-1430)*

26 05 33 13-1503	EA	3/8" Flexible Steel Screw-in Connector, Insulated	6.93	4.11
		For Work In Restricted Working Space, Add	*1.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1504	EA	1/2" Flexible Steel Screw-in Connector, Insulated	7.36	4.62
		For Work In Restricted Working Space, Add	*1.92*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.92*	
26 05 33 13-1505	EA	3/4" Flexible Steel Screw-in Connector, Insulated	9.80	5.64
		For Work In Restricted Working Space, Add	*2.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.31*	
26 05 33 13-1506	EA	1" Flexible Steel Screw-in Connector, Insulated	14.10	6.16
		For Work In Restricted Working Space, Add	*3.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.08*	
26 05 33 13-1507	EA	1-1/4" Flexible Steel Screw-in Connector, Insulated	20.71	7.19
		For Work In Restricted Working Space, Add	*3.85*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.85*	
26 05 33 13-1508	EA	1-1/2" Flexible Steel Screw-in Connector, Insulated	25.27	7.70
		For Work In Restricted Working Space, Add	*4.81*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.81*	
26 05 33 13-1509	EA	2" Flexible Steel Screw-in Connector, Insulated	35.98	8.73
		For Work In Restricted Working Space, Add	*5.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.77*	

26 05 33 13-1510 Screw-In Coupling *(26 05 33 13-1430)*

26 05 33 13-1511	EA	1/2" Flexible Steel Screw-in Coupling	7.81	4.62
		For Work In Restricted Working Space, Add	*1.92*	
26 05 33 13-1512	EA	3/4" Flexible Steel Screw-in Coupling	10.25	5.64
		For Work In Restricted Working Space, Add	*2.31*	

26 05 33 13-1513 Flexible To Electrical Metallic Tubing (EMT) Coupling *(26 05 33 13-1430)*

26 05 33 13-1514	EA	3/8" Flexible Steel To Electrical Metallic Tubing (EMT) Coupling	10.52	4.11
		For Work In Restricted Working Space, Add	*1.73*	
26 05 33 13-1515	EA	1/2" Flexible Steel To Electrical Metallic Tubing (EMT) Coupling	14.33	4.62
		For Work In Restricted Working Space, Add	*1.92*	
26 05 33 13-1516	EA	3/4" Flexible Steel To Electrical Metallic Tubing (EMT) Coupling	18.96	5.64
		For Work In Restricted Working Space, Add	*2.31*	

26 05 33 13-1517 Die Cast Squeeze Type Straight Connector *(26 05 33 13-1430)*

26 05 33 13-1518	EA	3/8" Flexible Straight Connector, Die Cast	6.79	4.11
		For Work In Restricted Working Space, Add	*1.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.73*	
26 05 33 13-1519	EA	1/2" Flexible Straight Connector, Die Cast	7.68	4.62
		For Work In Restricted Working Space, Add	*1.92*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.92*	
26 05 33 13-1520	EA	3/4" Flexible Straight Connector, Die Cast	9.54	5.64
		For Work In Restricted Working Space, Add	*2.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.31*	
26 05 33 13-1521	EA	1" Flexible Straight Connector, Die Cast	14.37	6.16
		For Work In Restricted Working Space, Add	*3.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.08*	
26 05 33 13-1522	EA	1-1/4" Flexible Straight Connector, Die Cast	19.37	7.19
		For Work In Restricted Working Space, Add	*3.85*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.85*	
26 05 33 13-1523	EA	1-1/2" Flexible Straight Connector, Die Cast	26.30	7.70
		For Work In Restricted Working Space, Add	*4.81*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.81*	
26 05 33 13-1524	EA	2" Flexible Straight Connector, Die Cast	34.01	8.73
		For Work In Restricted Working Space, Add	*5.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.77*	

26 05 33 13-1525 Die Cast Squeeze Type 90 Degree Connector *(26 05 33 13-1430)*

26 05 33 13-1526	EA	3/8" Flexible 90 Degree Connector, Die Cast	9.00	5.13
		For Work In Restricted Working Space, Add	*2.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.31*	
26 05 33 13-1527	EA	1/2" Flexible 90 Degree Connector, Die Cast	11.16	5.64
		For Work In Restricted Working Space, Add	*2.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.69*	
26 05 33 13-1528	EA	3/4" Flexible 90 Degree Connector, Die Cast	13.54	6.16
		For Work In Restricted Working Space, Add	*3.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.08*	
26 05 33 13-1529	EA	1" Flexible 90 Degree Connector, Die Cast	21.50	7.19
		For Work In Restricted Working Space, Add	*3.85*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.85*	
26 05 33 13-1530	EA	1-1/4" Flexible 90 Degree Connector, Die Cast	30.53	7.70
		For Work In Restricted Working Space, Add	*4.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.62*	
26 05 33 13-1531	EA	1-1/2" Flexible 90 Degree Connector, Die Cast	47.49	8.98
		For Work In Restricted Working Space, Add	*5.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.77*	
26 05 33 13-1532	EA	2" Flexible 90 Degree Connector, Die Cast	56.80	11.03
		For Work In Restricted Working Space, Add	*6.54*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1533		Metallic Conduit Bodies *(26 05 33 13-0058)*		
26 05 33 13-1534		Threaded, Cast Aluminum Conduit Body *(26 05 33 13-1533)* Note: For use with Rigid Galvanized Steel (RGS), Galvanized Rigid Steel Conduit (GRC), Intermediate Metal Conduit (IMC), or Aluminum Rigid Conduit (ARC)		
26 05 33 13-1535		Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover *(26 05 33 13-1534)*		
26 05 33 13-1536	EA	1/2" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	65.14	22.50
		For Mogul LB, Add	*3.84*	
		For Work In Restricted Working Space, Add	*16.88*	
		For Elevated Installation >10' To 15', Add	*5.63*	
		For Elevated Installation >15' To 20', Add	*11.25*	
		For Elevated Installation >20' To 25', Add	*14.07*	
		For Elevated Installation >25' To 30', Add	*19.69*	
		For Elevated Installation >30' To 35', Add	*22.51*	
		For Elevated Installation >35' To 40', Add	*28.14*	
		For Elevated Installation >40', Add	*30.95*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.88*	
26 05 33 13-1537	EA	3/4" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	76.51	25.79
		For Mogul LB, Add	*5.81*	
		For Work In Restricted Working Space, Add	*19.34*	
		For Elevated Installation >10' To 15', Add	*6.45*	
		For Elevated Installation >15' To 20', Add	*12.89*	
		For Elevated Installation >20' To 25', Add	*16.12*	
		For Elevated Installation >25' To 30', Add	*22.56*	
		For Elevated Installation >30' To 35', Add	*25.78*	
		For Elevated Installation >35' To 40', Add	*32.23*	
		For Elevated Installation >40', Add	*35.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.34*	
26 05 33 13-1538	EA	1" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	92.17	30.01
		For Mogul LB, Add	*9.11*	
		For Work In Restricted Working Space, Add	*22.51*	
		For Elevated Installation >10' To 15', Add	*7.50*	
		For Elevated Installation >15' To 20', Add	*15.00*	
		For Elevated Installation >20' To 25', Add	*18.76*	
		For Elevated Installation >25' To 30', Add	*26.26*	
		For Elevated Installation >30' To 35', Add	*30.01*	
		For Elevated Installation >35' To 40', Add	*37.51*	
		For Elevated Installation >40', Add	*41.26*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.51*	
26 05 33 13-1539	EA	1-1/4" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	111.18	34.23
		For Mogul LB, Add	*14.93*	
		For Work In Restricted Working Space, Add	*25.67*	
		For Elevated Installation >10' To 15', Add	*8.56*	
		For Elevated Installation >15' To 20', Add	*17.11*	
		For Elevated Installation >20' To 25', Add	*21.39*	
		For Elevated Installation >25' To 30', Add	*29.95*	
		For Elevated Installation >30' To 35', Add	*34.23*	
		For Elevated Installation >35' To 40', Add	*42.79*	
		For Elevated Installation >40', Add	*47.06*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.67*	
26 05 33 13-1540	EA	1-1/2" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	126.81	37.51
		For Mogul LB, Add	*20.09*	
		For Work In Restricted Working Space, Add	*28.13*	
		For Elevated Installation >10' To 15', Add	*9.38*	
		For Elevated Installation >15' To 20', Add	*18.75*	
		For Elevated Installation >20' To 25', Add	*23.44*	
		For Elevated Installation >25' To 30', Add	*32.82*	
		For Elevated Installation >30' To 35', Add	*37.51*	
		For Elevated Installation >35' To 40', Add	*46.89*	
		For Elevated Installation >40', Add	*51.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.13*	
26 05 33 13-1541	EA	2" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	165.89	45.01
		For Mogul LB, Add	*34.39*	
		For Work In Restricted Working Space, Add	*33.76*	
		For Elevated Installation >10' To 15', Add	*11.25*	
		For Elevated Installation >15' To 20', Add	*22.51*	
		For Elevated Installation >20' To 25', Add	*28.13*	
		For Elevated Installation >25' To 30', Add	*39.39*	
		For Elevated Installation >30' To 35', Add	*45.01*	
		For Elevated Installation >35' To 40', Add	*56.27*	
		For Elevated Installation >40', Add	*61.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.76*	
26 05 33 13-1542	EA	2-1/2" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	276.34	63.29
		For Mogul LB, Add	*80.66*	
		For Work In Restricted Working Space, Add	*47.47*	
		For Elevated Installation >10' To 15', Add	*15.82*	
		For Elevated Installation >15' To 20', Add	*31.65*	
		For Elevated Installation >20' To 25', Add	*39.56*	
		For Elevated Installation >25' To 30', Add	*55.38*	
		For Elevated Installation >30' To 35', Add	*63.30*	
		For Elevated Installation >35' To 40', Add	*79.12*	
		For Elevated Installation >40', Add	*87.03*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*47.47*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1543		EA	3" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	363.48	84.39
			For Mogul LB, Add	*103.82*	
			For Work In Restricted Working Space, Add	*63.30*	
			For Elevated Installation >10' To 15', Add	*21.10*	
			For Elevated Installation >15' To 20', Add	*42.20*	
			For Elevated Installation >20' To 25', Add	*52.75*	
			For Elevated Installation >25' To 30', Add	*73.85*	
			For Elevated Installation >30' To 35', Add	*84.40*	
			For Elevated Installation >35' To 40', Add	*105.50*	
			For Elevated Installation >40', Add	*116.04*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.30*	
26 05 33 13-1544		EA	3-1/2" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	481.82	105.49
			For Mogul LB, Add	*150.38*	
			For Work In Restricted Working Space, Add	*79.12*	
			For Elevated Installation >10' To 15', Add	*26.37*	
			For Elevated Installation >15' To 20', Add	*52.75*	
			For Elevated Installation >20' To 25', Add	*65.93*	
			For Elevated Installation >25' To 30', Add	*92.31*	
			For Elevated Installation >30' To 35', Add	*105.49*	
			For Elevated Installation >35' To 40', Add	*131.87*	
			For Elevated Installation >40', Add	*145.05*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*79.12*	
26 05 33 13-1545		EA	4" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	624.21	128.47
			For Mogul LB, Add	*211.22*	
			For Work In Restricted Working Space, Add	*96.35*	
			For Elevated Installation >10' To 15', Add	*32.12*	
			For Elevated Installation >15' To 20', Add	*64.23*	
			For Elevated Installation >20' To 25', Add	*80.29*	
			For Elevated Installation >25' To 30', Add	*112.41*	
			For Elevated Installation >30' To 35', Add	*128.47*	
			For Elevated Installation >35' To 40', Add	*160.59*	
			For Elevated Installation >40', Add	*176.64*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*96.35*	

26 05 33 13-1546 Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover *(26 05 33 13-1534)*

26 05 33 13-1547		EA	1/2" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	66.22	22.50
			For Mogul LB, Add	*4.65*	
			For Work In Restricted Working Space, Add	*16.88*	
			For Elevated Installation >10' To 15', Add	*5.63*	
			For Elevated Installation >15' To 20', Add	*11.25*	
			For Elevated Installation >20' To 25', Add	*14.07*	
			For Elevated Installation >25' To 30', Add	*19.69*	
			For Elevated Installation >30' To 35', Add	*22.51*	
			For Elevated Installation >35' To 40', Add	*28.14*	
			For Elevated Installation >40', Add	*30.95*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.88*	
26 05 33 13-1548		EA	3/4" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	77.56	25.79
			For Mogul LB, Add	*6.60*	
			For Work In Restricted Working Space, Add	*19.34*	
			For Elevated Installation >10' To 15', Add	*6.45*	
			For Elevated Installation >15' To 20', Add	*12.89*	
			For Elevated Installation >20' To 25', Add	*16.12*	
			For Elevated Installation >25' To 30', Add	*22.56*	
			For Elevated Installation >30' To 35', Add	*25.78*	
			For Elevated Installation >35' To 40', Add	*32.23*	
			For Elevated Installation >40', Add	*35.45*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.34*	
26 05 33 13-1549		EA	1" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	94.29	30.01
			For Mogul LB, Add	*10.70*	
			For Work In Restricted Working Space, Add	*22.51*	
			For Elevated Installation >10' To 15', Add	*7.50*	
			For Elevated Installation >15' To 20', Add	*15.00*	
			For Elevated Installation >20' To 25', Add	*18.76*	
			For Elevated Installation >25' To 30', Add	*26.26*	
			For Elevated Installation >30' To 35', Add	*30.01*	
			For Elevated Installation >35' To 40', Add	*37.51*	
			For Elevated Installation >40', Add	*41.26*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.51*	
26 05 33 13-1550		EA	1-1/4" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	113.76	34.23
			For Mogul LB, Add	*16.86*	
			For Work In Restricted Working Space, Add	*25.67*	
			For Elevated Installation >10' To 15', Add	*8.56*	
			For Elevated Installation >15' To 20', Add	*17.11*	
			For Elevated Installation >20' To 25', Add	*21.39*	
			For Elevated Installation >25' To 30', Add	*29.95*	
			For Elevated Installation >30' To 35', Add	*34.23*	
			For Elevated Installation >35' To 40', Add	*42.79*	
			For Elevated Installation >40', Add	*47.06*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1551	EA	1-1/2" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	131.20	37.51
		For Mogul LB, Add	*23.38*	
		For Work In Restricted Working Space, Add	*28.13*	
		For Elevated Installation >10' To 15', Add	*9.38*	
		For Elevated Installation >15' To 20', Add	*18.75*	
		For Elevated Installation >20' To 25', Add	*23.44*	
		For Elevated Installation >25' To 30', Add	*32.82*	
		For Elevated Installation >30' To 35', Add	*37.51*	
		For Elevated Installation >35' To 40', Add	*46.89*	
		For Elevated Installation >40', Add	*51.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.13*	
26 05 33 13-1552	EA	2" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	175.33	45.01
		For Mogul LB, Add	*41.47*	
		For Work In Restricted Working Space, Add	*33.76*	
		For Elevated Installation >10' To 15', Add	*11.25*	
		For Elevated Installation >15' To 20', Add	*22.51*	
		For Elevated Installation >20' To 25', Add	*28.13*	
		For Elevated Installation >25' To 30', Add	*39.39*	
		For Elevated Installation >30' To 35', Add	*45.01*	
		For Elevated Installation >35' To 40', Add	*56.27*	
		For Elevated Installation >40', Add	*61.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.76*	
26 05 33 13-1553	EA	2-1/2" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	271.58	63.29
		For Mogul LB, Add	*77.09*	
		For Work In Restricted Working Space, Add	*47.47*	
		For Elevated Installation >10' To 15', Add	*15.82*	
		For Elevated Installation >15' To 20', Add	*31.65*	
		For Elevated Installation >20' To 25', Add	*39.56*	
		For Elevated Installation >25' To 30', Add	*55.38*	
		For Elevated Installation >30' To 35', Add	*63.30*	
		For Elevated Installation >35' To 40', Add	*79.12*	
		For Elevated Installation >40', Add	*87.03*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*47.47*	
26 05 33 13-1554	EA	3" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	347.47	84.39
		For Mogul LB, Add	*91.81*	
		For Work In Restricted Working Space, Add	*63.30*	
		For Elevated Installation >10' To 15', Add	*21.10*	
		For Elevated Installation >15' To 20', Add	*42.20*	
		For Elevated Installation >20' To 25', Add	*52.75*	
		For Elevated Installation >25' To 30', Add	*73.85*	
		For Elevated Installation >30' To 35', Add	*84.40*	
		For Elevated Installation >35' To 40', Add	*105.50*	
		For Elevated Installation >40', Add	*116.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.30*	
26 05 33 13-1555	EA	3-1/2" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	495.45	105.49
		For Mogul LB, Add	*160.60*	
		For Work In Restricted Working Space, Add	*79.12*	
		For Elevated Installation >10' To 15', Add	*26.37*	
		For Elevated Installation >15' To 20', Add	*52.75*	
		For Elevated Installation >20' To 25', Add	*65.93*	
		For Elevated Installation >25' To 30', Add	*92.31*	
		For Elevated Installation >30' To 35', Add	*105.49*	
		For Elevated Installation >35' To 40', Add	*131.87*	
		For Elevated Installation >40', Add	*145.05*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*79.12*	
26 05 33 13-1556	EA	4" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	652.10	128.47
		For Mogul LB, Add	*232.14*	
		For Work In Restricted Working Space, Add	*96.35*	
		For Elevated Installation >10' To 15', Add	*32.12*	
		For Elevated Installation >15' To 20', Add	*64.23*	
		For Elevated Installation >20' To 25', Add	*80.29*	
		For Elevated Installation >25' To 30', Add	*112.41*	
		For Elevated Installation >30' To 35', Add	*128.47*	
		For Elevated Installation >35' To 40', Add	*160.59*	
		For Elevated Installation >40', Add	*176.64*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*96.35*	

26 05 33 13-1557 Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover *(26 05 33 13-1534)*

26 05 33 13-1558	EA	1/2" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	76.22	25.79
		For Work In Restricted Working Space, Add	*19.34*	
		For Elevated Installation >10' To 15', Add	*6.45*	
		For Elevated Installation >15' To 20', Add	*12.89*	
		For Elevated Installation >20' To 25', Add	*16.12*	
		For Elevated Installation >25' To 30', Add	*22.56*	
		For Elevated Installation >30' To 35', Add	*25.78*	
		For Elevated Installation >35' To 40', Add	*32.23*	
		For Elevated Installation >40', Add	*35.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1559	EA	3/4" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	90.16	30.01
		For Work In Restricted Working Space, Add	*22.51*	
		For Elevated Installation >10' To 15', Add	*7.50*	
		For Elevated Installation >15' To 20', Add	*15.00*	
		For Elevated Installation >20' To 25', Add	*18.76*	
		For Elevated Installation >25' To 30', Add	*26.26*	
		For Elevated Installation >30' To 35', Add	*30.01*	
		For Elevated Installation >35' To 40', Add	*37.51*	
		For Elevated Installation >40', Add	*41.26*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.51*	
26 05 33 13-1560	EA	1" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	103.48	32.82
		For Work In Restricted Working Space, Add	*24.62*	
		For Elevated Installation >10' To 15', Add	*8.21*	
		For Elevated Installation >15' To 20', Add	*16.41*	
		For Elevated Installation >20' To 25', Add	*20.51*	
		For Elevated Installation >25' To 30', Add	*28.72*	
		For Elevated Installation >30' To 35', Add	*32.82*	
		For Elevated Installation >35' To 40', Add	*41.03*	
		For Elevated Installation >40', Add	*45.13*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.62*	
26 05 33 13-1561	EA	1-1/4" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	126.25	37.51
		For Work In Restricted Working Space, Add	*28.13*	
		For Elevated Installation >10' To 15', Add	*9.38*	
		For Elevated Installation >15' To 20', Add	*18.75*	
		For Elevated Installation >20' To 25', Add	*23.44*	
		For Elevated Installation >25' To 30', Add	*32.82*	
		For Elevated Installation >30' To 35', Add	*37.51*	
		For Elevated Installation >35' To 40', Add	*46.89*	
		For Elevated Installation >40', Add	*51.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.13*	
26 05 33 13-1562	EA	1-1/2" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	145.37	41.26
		For Work In Restricted Working Space, Add	*30.95*	
		For Elevated Installation >10' To 15', Add	*10.32*	
		For Elevated Installation >15' To 20', Add	*20.63*	
		For Elevated Installation >20' To 25', Add	*25.79*	
		For Elevated Installation >25' To 30', Add	*36.10*	
		For Elevated Installation >30' To 35', Add	*41.26*	
		For Elevated Installation >35' To 40', Add	*51.58*	
		For Elevated Installation >40', Add	*56.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.95*	
26 05 33 13-1563	EA	2" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	192.94	48.30
		For Work In Restricted Working Space, Add	*36.22*	
		For Elevated Installation >10' To 15', Add	*12.07*	
		For Elevated Installation >15' To 20', Add	*24.15*	
		For Elevated Installation >20' To 25', Add	*30.18*	
		For Elevated Installation >25' To 30', Add	*42.26*	
		For Elevated Installation >30' To 35', Add	*48.29*	
		For Elevated Installation >35' To 40', Add	*60.37*	
		For Elevated Installation >40', Add	*66.40*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*36.22*	
26 05 33 13-1564	EA	2-1/2" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	303.41	70.33
		For Work In Restricted Working Space, Add	*52.75*	
		For Elevated Installation >10' To 15', Add	*17.58*	
		For Elevated Installation >15' To 20', Add	*35.16*	
		For Elevated Installation >20' To 25', Add	*43.96*	
		For Elevated Installation >25' To 30', Add	*61.54*	
		For Elevated Installation >30' To 35', Add	*70.33*	
		For Elevated Installation >35' To 40', Add	*87.91*	
		For Elevated Installation >40', Add	*96.70*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*52.75*	
26 05 33 13-1565	EA	3" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	392.12	91.43
		For Work In Restricted Working Space, Add	*68.57*	
		For Elevated Installation >10' To 15', Add	*22.86*	
		For Elevated Installation >15' To 20', Add	*45.71*	
		For Elevated Installation >20' To 25', Add	*57.14*	
		For Elevated Installation >25' To 30', Add	*80.00*	
		For Elevated Installation >30' To 35', Add	*91.43*	
		For Elevated Installation >35' To 40', Add	*114.29*	
		For Elevated Installation >40', Add	*125.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*68.57*	
26 05 33 13-1566	EA	3-1/2" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	621.00	112.53
		For Work In Restricted Working Space, Add	*84.39*	
		For Elevated Installation >10' To 15', Add	*28.13*	
		For Elevated Installation >15' To 20', Add	*56.26*	
		For Elevated Installation >20' To 25', Add	*70.33*	
		For Elevated Installation >25' To 30', Add	*98.46*	
		For Elevated Installation >30' To 35', Add	*112.52*	
		For Elevated Installation >35' To 40', Add	*140.66*	
		For Elevated Installation >40', Add	*154.72*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*84.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1567	EA	4" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	712.77	135.51
		For Work In Restricted Working Space, Add	*101.63*	
		For Elevated Installation >10' To 15', Add	*33.88*	
		For Elevated Installation >15' To 20', Add	*67.75*	
		For Elevated Installation >20' To 25', Add	*84.69*	
		For Elevated Installation >25' To 30', Add	*118.56*	
		For Elevated Installation >30' To 35', Add	*135.50*	
		For Elevated Installation >35' To 40', Add	*169.38*	
		For Elevated Installation >40', Add	*186.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.63*	
26 05 33 13-1568		**RGS Type C Conduit Bodies With Cover** *(26 05 33 13-1534)*		
26 05 33 13-1569	EA	1/2" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	66.44	22.50
		For Work In Restricted Working Space, Add	*16.88*	
		For Elevated Installation >10' To 15', Add	*5.63*	
		For Elevated Installation >15' To 20', Add	*11.25*	
		For Elevated Installation >20' To 25', Add	*14.07*	
		For Elevated Installation >25' To 30', Add	*19.69*	
		For Elevated Installation >30' To 35', Add	*22.51*	
		For Elevated Installation >35' To 40', Add	*28.14*	
		For Elevated Installation >40', Add	*30.95*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.88*	
26 05 33 13-1570	EA	3/4" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	76.81	25.79
		For Work In Restricted Working Space, Add	*19.34*	
		For Elevated Installation >10' To 15', Add	*6.45*	
		For Elevated Installation >15' To 20', Add	*12.89*	
		For Elevated Installation >20' To 25', Add	*16.12*	
		For Elevated Installation >25' To 30', Add	*22.56*	
		For Elevated Installation >30' To 35', Add	*25.78*	
		For Elevated Installation >35' To 40', Add	*32.23*	
		For Elevated Installation >40', Add	*35.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.34*	
26 05 33 13-1571	EA	1" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	92.26	29.54
		For Work In Restricted Working Space, Add	*22.16*	
		For Elevated Installation >10' To 15', Add	*7.39*	
		For Elevated Installation >15' To 20', Add	*14.77*	
		For Elevated Installation >20' To 25', Add	*18.46*	
		For Elevated Installation >25' To 30', Add	*25.85*	
		For Elevated Installation >30' To 35', Add	*29.54*	
		For Elevated Installation >35' To 40', Add	*36.93*	
		For Elevated Installation >40', Add	*40.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.16*	
26 05 33 13-1572	EA	1-1/4" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	112.73	34.23
		For Work In Restricted Working Space, Add	*25.67*	
		For Elevated Installation >10' To 15', Add	*8.56*	
		For Elevated Installation >15' To 20', Add	*17.11*	
		For Elevated Installation >20' To 25', Add	*21.39*	
		For Elevated Installation >25' To 30', Add	*29.95*	
		For Elevated Installation >30' To 35', Add	*34.23*	
		For Elevated Installation >35' To 40', Add	*42.79*	
		For Elevated Installation >40', Add	*47.06*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.67*	
26 05 33 13-1573	EA	1-1/2" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	126.09	37.51
		For Work In Restricted Working Space, Add	*28.13*	
		For Elevated Installation >10' To 15', Add	*9.38*	
		For Elevated Installation >15' To 20', Add	*18.75*	
		For Elevated Installation >20' To 25', Add	*23.44*	
		For Elevated Installation >25' To 30', Add	*32.82*	
		For Elevated Installation >30' To 35', Add	*37.51*	
		For Elevated Installation >35' To 40', Add	*46.89*	
		For Elevated Installation >40', Add	*51.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.13*	
26 05 33 13-1574	EA	2" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	165.97	45.01
		For Work In Restricted Working Space, Add	*33.76*	
		For Elevated Installation >10' To 15', Add	*11.25*	
		For Elevated Installation >15' To 20', Add	*22.51*	
		For Elevated Installation >20' To 25', Add	*28.13*	
		For Elevated Installation >25' To 30', Add	*39.39*	
		For Elevated Installation >30' To 35', Add	*45.01*	
		For Elevated Installation >35' To 40', Add	*56.27*	
		For Elevated Installation >40', Add	*61.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.76*	
26 05 33 13-1575	EA	2-1/2" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	267.57	63.29
		For Work In Restricted Working Space, Add	*47.47*	
		For Elevated Installation >10' To 15', Add	*15.82*	
		For Elevated Installation >15' To 20', Add	*31.65*	
		For Elevated Installation >20' To 25', Add	*39.56*	
		For Elevated Installation >25' To 30', Add	*55.38*	
		For Elevated Installation >30' To 35', Add	*63.30*	
		For Elevated Installation >35' To 40', Add	*79.12*	
		For Elevated Installation >40', Add	*87.03*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*47.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1576	EA	3" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	344.91	84.39
		For Work In Restricted Working Space, Add	*63.30*	
		For Elevated Installation >10' To 15', Add	*21.10*	
		For Elevated Installation >15' To 20', Add	*42.20*	
		For Elevated Installation >20' To 25', Add	*52.75*	
		For Elevated Installation >25' To 30', Add	*73.85*	
		For Elevated Installation >30' To 35', Add	*84.40*	
		For Elevated Installation >35' To 40', Add	*105.50*	
		For Elevated Installation >40', Add	*116.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.30*	
26 05 33 13-1577	EA	3-1/2" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	487.25	105.49
		For Work In Restricted Working Space, Add	*79.12*	
		For Elevated Installation >10' To 15', Add	*26.37*	
		For Elevated Installation >15' To 20', Add	*52.75*	
		For Elevated Installation >20' To 25', Add	*65.93*	
		For Elevated Installation >25' To 30', Add	*92.31*	
		For Elevated Installation >30' To 35', Add	*105.49*	
		For Elevated Installation >35' To 40', Add	*131.87*	
		For Elevated Installation >40', Add	*145.05*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*79.12*	
26 05 33 13-1578	EA	4" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	626.77	128.47
		For Work In Restricted Working Space, Add	*96.35*	
		For Elevated Installation >10' To 15', Add	*32.12*	
		For Elevated Installation >15' To 20', Add	*64.23*	
		For Elevated Installation >20' To 25', Add	*80.29*	
		For Elevated Installation >25' To 30', Add	*112.41*	
		For Elevated Installation >30' To 35', Add	*128.47*	
		For Elevated Installation >35' To 40', Add	*160.59*	
		For Elevated Installation >40', Add	*176.64*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*96.35*	
26 05 33 13-1579		Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover *(26 05 33 13-1534)*		
26 05 33 13-1580	EA	1/2"Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	88.29	29.54
		For Work In Restricted Working Space, Add	*22.16*	
		For Elevated Installation >10' To 15', Add	*7.39*	
		For Elevated Installation >15' To 20', Add	*14.77*	
		For Elevated Installation >20' To 25', Add	*18.46*	
		For Elevated Installation >25' To 30', Add	*25.85*	
		For Elevated Installation >30' To 35', Add	*29.54*	
		For Elevated Installation >35' To 40', Add	*36.93*	
		For Elevated Installation >40', Add	*40.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.16*	
26 05 33 13-1581	EA	3/4" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	101.58	32.82
		For Work In Restricted Working Space, Add	*24.62*	
		For Elevated Installation >10' To 15', Add	*8.21*	
		For Elevated Installation >15' To 20', Add	*16.41*	
		For Elevated Installation >20' To 25', Add	*20.51*	
		For Elevated Installation >25' To 30', Add	*28.72*	
		For Elevated Installation >30' To 35', Add	*32.82*	
		For Elevated Installation >35' To 40', Add	*41.03*	
		For Elevated Installation >40', Add	*45.13*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.62*	
26 05 33 13-1582	EA	1" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	123.30	36.11
		For Work In Restricted Working Space, Add	*27.08*	
		For Elevated Installation >10' To 15', Add	*9.03*	
		For Elevated Installation >15' To 20', Add	*18.05*	
		For Elevated Installation >20' To 25', Add	*22.57*	
		For Elevated Installation >25' To 30', Add	*31.59*	
		For Elevated Installation >30' To 35', Add	*36.10*	
		For Elevated Installation >35' To 40', Add	*45.13*	
		For Elevated Installation >40', Add	*49.64*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.08*	
26 05 33 13-1583	EA	1-1/4" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	142.05	41.26
		For Work In Restricted Working Space, Add	*30.95*	
		For Elevated Installation >10' To 15', Add	*10.32*	
		For Elevated Installation >15' To 20', Add	*20.63*	
		For Elevated Installation >20' To 25', Add	*25.79*	
		For Elevated Installation >25' To 30', Add	*36.10*	
		For Elevated Installation >30' To 35', Add	*41.26*	
		For Elevated Installation >35' To 40', Add	*51.58*	
		For Elevated Installation >40', Add	*56.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.95*	
26 05 33 13-1584	EA	1-1/2" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	180.66	45.01
		For Work In Restricted Working Space, Add	*33.76*	
		For Elevated Installation >10' To 15', Add	*11.25*	
		For Elevated Installation >15' To 20', Add	*22.51*	
		For Elevated Installation >20' To 25', Add	*28.13*	
		For Elevated Installation >25' To 30', Add	*39.39*	
		For Elevated Installation >30' To 35', Add	*45.01*	
		For Elevated Installation >35' To 40', Add	*56.27*	
		For Elevated Installation >40', Add	*61.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1585	EA	2" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	218.65	55.32
		For Work In Restricted Working Space, Add	*41.49*	
		For Elevated Installation >10' To 15', Add	*13.83*	
		For Elevated Installation >15' To 20', Add	*27.66*	
		For Elevated Installation >20' To 25', Add	*34.58*	
		For Elevated Installation >25' To 30', Add	*48.41*	
		For Elevated Installation >30' To 35', Add	*55.32*	
		For Elevated Installation >35' To 40', Add	*69.16*	
		For Elevated Installation >40', Add	*76.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*41.49*	
26 05 33 13-1586	EA	2-1/2" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	402.13	81.11
		For Work In Restricted Working Space, Add	*60.84*	
		For Elevated Installation >10' To 15', Add	*20.28*	
		For Elevated Installation >15' To 20', Add	*40.56*	
		For Elevated Installation >20' To 25', Add	*50.70*	
		For Elevated Installation >25' To 30', Add	*70.98*	
		For Elevated Installation >30' To 35', Add	*81.12*	
		For Elevated Installation >35' To 40', Add	*101.40*	
		For Elevated Installation >40', Add	*111.53*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*60.84*	
26 05 33 13-1587	EA	3" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	497.25	105.49
		For Work In Restricted Working Space, Add	*79.12*	
		For Elevated Installation >10' To 15', Add	*26.37*	
		For Elevated Installation >15' To 20', Add	*52.75*	
		For Elevated Installation >20' To 25', Add	*65.93*	
		For Elevated Installation >25' To 30', Add	*92.31*	
		For Elevated Installation >30' To 35', Add	*105.49*	
		For Elevated Installation >35' To 40', Add	*131.87*	
		For Elevated Installation >40', Add	*145.05*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*79.12*	
26 05 33 13-1588	EA	3-1/2" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	704.84	130.34
		For Work In Restricted Working Space, Add	*98.46*	
		For Elevated Installation >10' To 15', Add	*32.82*	
		For Elevated Installation >15' To 20', Add	*65.64*	
		For Elevated Installation >20' To 25', Add	*82.05*	
		For Elevated Installation >25' To 30', Add	*114.87*	
		For Elevated Installation >30' To 35', Add	*131.28*	
		For Elevated Installation >35' To 40', Add	*164.11*	
		For Elevated Installation >40', Add	*180.52*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*98.46*	
26 05 33 13-1589	EA	4" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	850.96	156.61
		For Work In Restricted Working Space, Add	*117.45*	
		For Elevated Installation >10' To 15', Add	*39.15*	
		For Elevated Installation >15' To 20', Add	*78.30*	
		For Elevated Installation >20' To 25', Add	*97.88*	
		For Elevated Installation >25' To 30', Add	*137.03*	
		For Elevated Installation >30' To 35', Add	*156.60*	
		For Elevated Installation >35' To 40', Add	*195.75*	
		For Elevated Installation >40', Add	*215.33*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*117.45*	

26 05 33 13-1590 Threaded, Malleable Iron Conduit Body *(26 05 33 13-1533)*

Note: For use with Rigid Galvanized Steel (RGS), Galvanized Rigid Steel Conduit (GRC), or Intermediate Metal Conduit (IMC)

26 05 33 13-1591 Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover *(26 05 33 13-1590)*

26 05 33 13-1592	EA	1/2" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	68.16	22.50
		For Elevated Installation >10' To 15', Add	*5.63*	
		For Elevated Installation >15' To 20', Add	*11.25*	
		For Elevated Installation >20' To 25', Add	*14.07*	
		For Elevated Installation >25' To 30', Add	*19.69*	
		For Elevated Installation >30' To 35', Add	*22.51*	
		For Elevated Installation >35' To 40', Add	*28.14*	
		For Elevated Installation >40', Add	*30.95*	
		For Work In Restricted Working Space, Add	*16.88*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.88*	
26 05 33 13-1593	EA	3/4" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	79.04	25.79
		For Elevated Installation >10' To 15', Add	*6.45*	
		For Elevated Installation >15' To 20', Add	*12.89*	
		For Elevated Installation >20' To 25', Add	*16.12*	
		For Elevated Installation >25' To 30', Add	*22.56*	
		For Elevated Installation >30' To 35', Add	*25.78*	
		For Elevated Installation >35' To 40', Add	*32.23*	
		For Elevated Installation >40', Add	*35.45*	
		For Work In Restricted Working Space, Add	*19.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.34*	
26 05 33 13-1594	EA	1" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	96.74	30.01
		For Elevated Installation >10' To 15', Add	*7.50*	
		For Elevated Installation >15' To 20', Add	*15.00*	
		For Elevated Installation >20' To 25', Add	*18.76*	
		For Elevated Installation >25' To 30', Add	*26.26*	
		For Elevated Installation >30' To 35', Add	*30.01*	
		For Elevated Installation >35' To 40', Add	*37.51*	
		For Elevated Installation >40', Add	*41.26*	
		For Work In Restricted Working Space, Add	*22.51*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1595	EA	1-1/4" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	124.55	34.23
		For Elevated Installation >10' To 15', Add	*8.56*	
		For Elevated Installation >15' To 20', Add	*17.11*	
		For Elevated Installation >20' To 25', Add	*21.39*	
		For Elevated Installation >25' To 30', Add	*29.95*	
		For Elevated Installation >30' To 35', Add	*34.23*	
		For Elevated Installation >35' To 40', Add	*42.79*	
		For Elevated Installation >40', Add	*47.06*	
		For Work In Restricted Working Space, Add	*25.67*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.67*	
26 05 33 13-1596	EA	1-1/2" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	141.58	37.51
		For Elevated Installation >10' To 15', Add	*9.38*	
		For Elevated Installation >15' To 20', Add	*18.75*	
		For Elevated Installation >20' To 25', Add	*23.44*	
		For Elevated Installation >25' To 30', Add	*32.82*	
		For Elevated Installation >30' To 35', Add	*37.51*	
		For Elevated Installation >35' To 40', Add	*46.89*	
		For Elevated Installation >40', Add	*51.57*	
		For Work In Restricted Working Space, Add	*28.13*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.13*	
26 05 33 13-1597	EA	2" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	192.54	45.01
		For Elevated Installation >10' To 15', Add	*11.25*	
		For Elevated Installation >15' To 20', Add	*22.51*	
		For Elevated Installation >20' To 25', Add	*28.13*	
		For Elevated Installation >25' To 30', Add	*39.39*	
		For Elevated Installation >30' To 35', Add	*45.01*	
		For Elevated Installation >35' To 40', Add	*56.27*	
		For Elevated Installation >40', Add	*61.89*	
		For Work In Restricted Working Space, Add	*33.76*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.76*	
26 05 33 13-1598	EA	2-1/2" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	322.02	63.29
		For Elevated Installation >10' To 15', Add	*15.83*	
		For Elevated Installation >15' To 20', Add	*31.65*	
		For Elevated Installation >20' To 25', Add	*39.56*	
		For Elevated Installation >25' To 30', Add	*55.39*	
		For Elevated Installation >30' To 35', Add	*63.30*	
		For Elevated Installation >35' To 40', Add	*79.13*	
		For Elevated Installation >40', Add	*87.04*	
		For Work In Restricted Working Space, Add	*47.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*47.48*	
26 05 33 13-1599	EA	3" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	455.31	84.39
		For Elevated Installation >10' To 15', Add	*21.10*	
		For Elevated Installation >15' To 20', Add	*42.20*	
		For Elevated Installation >20' To 25', Add	*52.75*	
		For Elevated Installation >25' To 30', Add	*73.85*	
		For Elevated Installation >30' To 35', Add	*84.40*	
		For Elevated Installation >35' To 40', Add	*105.50*	
		For Elevated Installation >40', Add	*116.05*	
		For Work In Restricted Working Space, Add	*63.30*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.30*	
26 05 33 13-1600	EA	3-1/2" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	625.43	105.49
		For Elevated Installation >10' To 15', Add	*26.37*	
		For Elevated Installation >15' To 20', Add	*52.75*	
		For Elevated Installation >20' To 25', Add	*65.94*	
		For Elevated Installation >25' To 30', Add	*92.31*	
		For Elevated Installation >30' To 35', Add	*105.50*	
		For Elevated Installation >35' To 40', Add	*131.87*	
		For Elevated Installation >40', Add	*145.06*	
		For Work In Restricted Working Space, Add	*79.12*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*79.12*	
26 05 33 13-1601	EA	4" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	748.88	128.47
		For Elevated Installation >10' To 15', Add	*32.12*	
		For Elevated Installation >15' To 20', Add	*64.24*	
		For Elevated Installation >20' To 25', Add	*80.30*	
		For Elevated Installation >25' To 30', Add	*112.41*	
		For Elevated Installation >30' To 35', Add	*128.47*	
		For Elevated Installation >35' To 40', Add	*160.59*	
		For Elevated Installation >40', Add	*176.65*	
		For Work In Restricted Working Space, Add	*96.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*96.35*	

26 05 33 13-1602 Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover *(26 05 33 13-1590)*

26 05 33 13-1603	EA	1/2" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	70.91	22.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.88*	
26 05 33 13-1604	EA	3/4" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	79.85	25.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.34*	
26 05 33 13-1605	EA	1" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	100.95	30.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.51*	
26 05 33 13-1606	EA	1-1/4" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	127.36	34.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.67*	
26 05 33 13-1607	EA	1-1/2" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	145.02	37.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.13*	
26 05 33 13-1608	EA	2" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	185.47	45.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1609	EA	2-1/2" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	282.75	63.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*47.48*	
26 05 33 13-1610	EA	3" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	384.70	84.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.30*	
26 05 33 13-1611	EA	3-1/2" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	667.01	105.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*79.12*	
26 05 33 13-1612	EA	4" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	779.55	128.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*96.35*	
26 05 33 13-1613		Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover *(26 05 33 13-1590)*		
26 05 33 13-1614	EA	1/2" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	84.09	25.79
		For Elevated Installation >10' To 15', Add	*6.45*	
		For Elevated Installation >15' To 20', Add	*12.89*	
		For Elevated Installation >20' To 25', Add	*16.12*	
		For Elevated Installation >25' To 30', Add	*22.56*	
		For Elevated Installation >30' To 35', Add	*25.78*	
		For Elevated Installation >35' To 40', Add	*32.23*	
		For Elevated Installation >40', Add	*35.45*	
		For Work In Restricted Working Space, Add	*19.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.34*	
26 05 33 13-1615	EA	3/4" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	99.15	30.01
		For Elevated Installation >10' To 15', Add	*7.62*	
		For Elevated Installation >15' To 20', Add	*15.24*	
		For Elevated Installation >20' To 25', Add	*19.05*	
		For Elevated Installation >25' To 30', Add	*26.67*	
		For Elevated Installation >30' To 35', Add	*30.48*	
		For Elevated Installation >35' To 40', Add	*38.10*	
		For Elevated Installation >40', Add	*41.90*	
		For Work In Restricted Working Space, Add	*22.86*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.86*	
26 05 33 13-1616	EA	1" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	116.77	32.82
		For Elevated Installation >10' To 15', Add	*8.21*	
		For Elevated Installation >15' To 20', Add	*16.41*	
		For Elevated Installation >20' To 25', Add	*20.51*	
		For Elevated Installation >25' To 30', Add	*28.72*	
		For Elevated Installation >30' To 35', Add	*32.82*	
		For Elevated Installation >35' To 40', Add	*41.03*	
		For Elevated Installation >40', Add	*45.13*	
		For Work In Restricted Working Space, Add	*24.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.62*	
26 05 33 13-1617	EA	1-1/4" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	146.40	37.51
		For Elevated Installation >10' To 15', Add	*9.26*	
		For Elevated Installation >15' To 20', Add	*18.52*	
		For Elevated Installation >20' To 25', Add	*23.15*	
		For Elevated Installation >25' To 30', Add	*32.41*	
		For Elevated Installation >30' To 35', Add	*37.04*	
		For Elevated Installation >35' To 40', Add	*46.30*	
		For Elevated Installation >40', Add	*50.93*	
		For Work In Restricted Working Space, Add	*27.78*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.78*	
26 05 33 13-1618	EA	1-1/2" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	167.80	41.26
		For Elevated Installation >10' To 15', Add	*10.32*	
		For Elevated Installation >15' To 20', Add	*20.63*	
		For Elevated Installation >20' To 25', Add	*25.79*	
		For Elevated Installation >25' To 30', Add	*36.10*	
		For Elevated Installation >30' To 35', Add	*41.26*	
		For Elevated Installation >35' To 40', Add	*51.58*	
		For Elevated Installation >40', Add	*56.73*	
		For Work In Restricted Working Space, Add	*30.95*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.95*	
26 05 33 13-1619	EA	2" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	222.01	48.30
		For Elevated Installation >10' To 15', Add	*12.07*	
		For Elevated Installation >15' To 20', Add	*24.15*	
		For Elevated Installation >20' To 25', Add	*30.18*	
		For Elevated Installation >25' To 30', Add	*42.26*	
		For Elevated Installation >30' To 35', Add	*48.29*	
		For Elevated Installation >35' To 40', Add	*60.37*	
		For Elevated Installation >40', Add	*66.40*	
		For Work In Restricted Working Space, Add	*36.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*36.22*	
26 05 33 13-1620	EA	2-1/2" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	282.08	70.33
		For Elevated Installation >10' To 15', Add	*17.58*	
		For Elevated Installation >15' To 20', Add	*35.16*	
		For Elevated Installation >20' To 25', Add	*43.96*	
		For Elevated Installation >25' To 30', Add	*61.54*	
		For Elevated Installation >30' To 35', Add	*70.33*	
		For Elevated Installation >35' To 40', Add	*87.91*	
		For Elevated Installation >40', Add	*96.70*	
		For Work In Restricted Working Space, Add	*52.75*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*52.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1621	EA	3" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	405.15	91.43
		For Elevated Installation >10' To 15', Add	*22.86*	
		For Elevated Installation >15' To 20', Add	*45.71*	
		For Elevated Installation >20' To 25', Add	*57.14*	
		For Elevated Installation >25' To 30', Add	*80.00*	
		For Elevated Installation >30' To 35', Add	*91.43*	
		For Elevated Installation >35' To 40', Add	*114.29*	
		For Elevated Installation >40', Add	*125.71*	
		For Work In Restricted Working Space, Add	*68.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*68.57*	
26 05 33 13-1622	EA	3-1/2" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	703.79	112.53
		For Elevated Installation >10' To 15', Add	*28.13*	
		For Elevated Installation >15' To 20', Add	*56.26*	
		For Elevated Installation >20' To 25', Add	*70.33*	
		For Elevated Installation >25' To 30', Add	*98.46*	
		For Elevated Installation >30' To 35', Add	*112.52*	
		For Elevated Installation >35' To 40', Add	*140.66*	
		For Elevated Installation >40', Add	*154.72*	
		For Work In Restricted Working Space, Add	*84.39*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*84.39*	
26 05 33 13-1623	EA	4" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	814.90	135.51
		For Elevated Installation >10' To 15', Add	*33.99*	
		For Elevated Installation >15' To 20', Add	*67.99*	
		For Elevated Installation >20' To 25', Add	*84.98*	
		For Elevated Installation >25' To 30', Add	*118.98*	
		For Elevated Installation >30' To 35', Add	*135.97*	
		For Elevated Installation >35' To 40', Add	*169.97*	
		For Elevated Installation >40', Add	*186.96*	
		For Work In Restricted Working Space, Add	*101.98*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.98*	
26 05 33 13-1624		Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover *(26 05 33 13-1590)*		
26 05 33 13-1625	EA	1/2" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	68.37	22.50
		For Elevated Installation >10' To 15', Add	*5.63*	
		For Elevated Installation >15' To 20', Add	*11.25*	
		For Elevated Installation >20' To 25', Add	*14.07*	
		For Elevated Installation >25' To 30', Add	*19.69*	
		For Elevated Installation >30' To 35', Add	*22.51*	
		For Elevated Installation >35' To 40', Add	*28.14*	
		For Elevated Installation >40', Add	*30.95*	
		For Work In Restricted Working Space, Add	*16.88*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.88*	
26 05 33 13-1626	EA	3/4" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	82.61	25.79
		For Elevated Installation >10' To 15', Add	*6.45*	
		For Elevated Installation >15' To 20', Add	*12.89*	
		For Elevated Installation >20' To 25', Add	*16.12*	
		For Elevated Installation >25' To 30', Add	*22.56*	
		For Elevated Installation >30' To 35', Add	*25.79*	
		For Elevated Installation >35' To 40', Add	*32.24*	
		For Elevated Installation >40', Add	*35.46*	
		For Work In Restricted Working Space, Add	*19.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.34*	
26 05 33 13-1627	EA	1" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	96.56	29.54
		For Elevated Installation >10' To 15', Add	*7.39*	
		For Elevated Installation >15' To 20', Add	*14.77*	
		For Elevated Installation >20' To 25', Add	*18.46*	
		For Elevated Installation >25' To 30', Add	*25.85*	
		For Elevated Installation >30' To 35', Add	*29.54*	
		For Elevated Installation >35' To 40', Add	*36.93*	
		For Elevated Installation >40', Add	*40.62*	
		For Work In Restricted Working Space, Add	*22.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.16*	
26 05 33 13-1628	EA	1-1/4" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	129.73	34.23
		For Elevated Installation >10' To 15', Add	*8.56*	
		For Elevated Installation >15' To 20', Add	*17.11*	
		For Elevated Installation >20' To 25', Add	*21.39*	
		For Elevated Installation >25' To 30', Add	*29.95*	
		For Elevated Installation >30' To 35', Add	*34.23*	
		For Elevated Installation >35' To 40', Add	*42.79*	
		For Elevated Installation >40', Add	*47.06*	
		For Work In Restricted Working Space, Add	*25.67*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.67*	
26 05 33 13-1629	EA	1-1/2" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	151.30	37.51
		For Elevated Installation >10' To 15', Add	*9.38*	
		For Elevated Installation >15' To 20', Add	*18.75*	
		For Elevated Installation >20' To 25', Add	*23.44*	
		For Elevated Installation >25' To 30', Add	*32.82*	
		For Elevated Installation >30' To 35', Add	*37.51*	
		For Elevated Installation >35' To 40', Add	*46.89*	
		For Elevated Installation >40', Add	*51.57*	
		For Work In Restricted Working Space, Add	*28.13*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1630	EA	2" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	195.32	45.01
		For Elevated Installation >10' To 15', Add	*11.25*	
		For Elevated Installation >15' To 20', Add	*22.51*	
		For Elevated Installation >20' To 25', Add	*28.13*	
		For Elevated Installation >25' To 30', Add	*39.39*	
		For Elevated Installation >30' To 35', Add	*45.01*	
		For Elevated Installation >35' To 40', Add	*56.27*	
		For Elevated Installation >40', Add	*61.89*	
		For Work In Restricted Working Space, Add	*33.76*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.76*	
26 05 33 13-1631	EA	2-1/2" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	439.01	118.74
		For Elevated Installation >10' To 15', Add	*29.67*	
		For Elevated Installation >15' To 20', Add	*59.34*	
		For Elevated Installation >20' To 25', Add	*74.18*	
		For Elevated Installation >25' To 30', Add	*103.85*	
		For Elevated Installation >30' To 35', Add	*118.69*	
		For Elevated Installation >35' To 40', Add	*148.36*	
		For Elevated Installation >40', Add	*163.20*	
		For Work In Restricted Working Space, Add	*89.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*89.02*	
26 05 33 13-1632	EA	3" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	414.35	84.39
		For Elevated Installation >10' To 15', Add	*21.10*	
		For Elevated Installation >15' To 20', Add	*42.20*	
		For Elevated Installation >20' To 25', Add	*52.75*	
		For Elevated Installation >25' To 30', Add	*73.85*	
		For Elevated Installation >30' To 35', Add	*84.40*	
		For Elevated Installation >35' To 40', Add	*105.50*	
		For Elevated Installation >40', Add	*116.05*	
		For Work In Restricted Working Space, Add	*63.30*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.30*	
26 05 33 13-1633	EA	3-1/2" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	667.01	105.49
		For Elevated Installation >10' To 15', Add	*26.37*	
		For Elevated Installation >15' To 20', Add	*52.75*	
		For Elevated Installation >20' To 25', Add	*65.94*	
		For Elevated Installation >25' To 30', Add	*92.31*	
		For Elevated Installation >30' To 35', Add	*105.50*	
		For Elevated Installation >35' To 40', Add	*131.87*	
		For Elevated Installation >40', Add	*145.06*	
		For Work In Restricted Working Space, Add	*79.12*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*79.12*	
26 05 33 13-1634	EA	4" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	779.53	128.47
		For Elevated Installation >10' To 15', Add	*32.12*	
		For Elevated Installation >15' To 20', Add	*64.23*	
		For Elevated Installation >20' To 25', Add	*80.29*	
		For Elevated Installation >25' To 30', Add	*112.41*	
		For Elevated Installation >30' To 35', Add	*128.46*	
		For Elevated Installation >35' To 40', Add	*160.58*	
		For Elevated Installation >40', Add	*176.64*	
		For Work In Restricted Working Space, Add	*96.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*96.35*	
26 05 33 13-1635		Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover *(26 05 33 13-1590)*		
26 05 33 13-1636	EA	1/2" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	95.61	29.54
		For Elevated Installation >10' To 15', Add	*7.39*	
		For Elevated Installation >15' To 20', Add	*14.77*	
		For Elevated Installation >20' To 25', Add	*18.46*	
		For Elevated Installation >25' To 30', Add	*25.85*	
		For Elevated Installation >30' To 35', Add	*29.54*	
		For Elevated Installation >35' To 40', Add	*36.93*	
		For Elevated Installation >40', Add	*40.62*	
		For Work In Restricted Working Space, Add	*22.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.16*	
26 05 33 13-1637	EA	3/4" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	104.62	32.82
		For Elevated Installation >10' To 15', Add	*8.21*	
		For Elevated Installation >15' To 20', Add	*16.41*	
		For Elevated Installation >20' To 25', Add	*20.51*	
		For Elevated Installation >25' To 30', Add	*28.72*	
		For Elevated Installation >30' To 35', Add	*32.82*	
		For Elevated Installation >35' To 40', Add	*41.03*	
		For Elevated Installation >40', Add	*45.13*	
		For Work In Restricted Working Space, Add	*24.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.62*	
26 05 33 13-1638	EA	1" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	121.24	36.11
		For Elevated Installation >10' To 15', Add	*9.03*	
		For Elevated Installation >15' To 20', Add	*18.05*	
		For Elevated Installation >20' To 25', Add	*22.57*	
		For Elevated Installation >25' To 30', Add	*31.59*	
		For Elevated Installation >30' To 35', Add	*36.10*	
		For Elevated Installation >35' To 40', Add	*45.13*	
		For Elevated Installation >40', Add	*49.64*	
		For Work In Restricted Working Space, Add	*27.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.08*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1639		EA	1-1/4" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	144.05	41.26
			For Elevated Installation >10' To 15', Add	*10.32*	
			For Elevated Installation >15' To 20', Add	*20.63*	
			For Elevated Installation >20' To 25', Add	*25.79*	
			For Elevated Installation >25' To 30', Add	*36.10*	
			For Elevated Installation >30' To 35', Add	*41.26*	
			For Elevated Installation >35' To 40', Add	*51.58*	
			For Elevated Installation >40', Add	*56.73*	
			For Work In Restricted Working Space, Add	*30.95*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.95*	
26 05 33 13-1640		EA	1-1/2" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	165.90	45.01
			For Elevated Installation >10' To 15', Add	*11.25*	
			For Elevated Installation >15' To 20', Add	*22.51*	
			For Elevated Installation >20' To 25', Add	*28.13*	
			For Elevated Installation >25' To 30', Add	*39.39*	
			For Elevated Installation >30' To 35', Add	*45.01*	
			For Elevated Installation >35' To 40', Add	*56.27*	
			For Elevated Installation >40', Add	*61.89*	
			For Work In Restricted Working Space, Add	*33.76*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.76*	
26 05 33 13-1641		EA	2" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	231.23	55.32
			For Elevated Installation >10' To 15', Add	*13.83*	
			For Elevated Installation >15' To 20', Add	*27.66*	
			For Elevated Installation >20' To 25', Add	*34.58*	
			For Elevated Installation >25' To 30', Add	*48.41*	
			For Elevated Installation >30' To 35', Add	*55.32*	
			For Elevated Installation >35' To 40', Add	*69.16*	
			For Elevated Installation >40', Add	*76.07*	
			For Work In Restricted Working Space, Add	*41.49*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*41.49*	
26 05 33 13-1642		EA	2-1/2" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	368.68	81.11
			For Elevated Installation >10' To 15', Add	*20.28*	
			For Elevated Installation >15' To 20', Add	*40.56*	
			For Elevated Installation >20' To 25', Add	*50.70*	
			For Elevated Installation >25' To 30', Add	*70.98*	
			For Elevated Installation >30' To 35', Add	*81.12*	
			For Elevated Installation >35' To 40', Add	*101.40*	
			For Elevated Installation >40', Add	*111.53*	
			For Work In Restricted Working Space, Add	*60.84*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*60.84*	
26 05 33 13-1643		EA	3" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	539.41	105.49
			For Elevated Installation >10' To 15', Add	*26.37*	
			For Elevated Installation >15' To 20', Add	*52.75*	
			For Elevated Installation >20' To 25', Add	*65.93*	
			For Elevated Installation >25' To 30', Add	*92.31*	
			For Elevated Installation >30' To 35', Add	*105.49*	
			For Elevated Installation >35' To 40', Add	*131.87*	
			For Elevated Installation >40', Add	*145.05*	
			For Work In Restricted Working Space, Add	*79.12*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*79.12*	
26 05 33 13-1644		EA	3-1/2" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	802.57	130.34
			For Elevated Installation >10' To 15', Add	*32.59*	
			For Elevated Installation >15' To 20', Add	*65.17*	
			For Elevated Installation >20' To 25', Add	*81.47*	
			For Elevated Installation >25' To 30', Add	*114.05*	
			For Elevated Installation >30' To 35', Add	*130.34*	
			For Elevated Installation >35' To 40', Add	*162.93*	
			For Elevated Installation >40', Add	*179.22*	
			For Work In Restricted Working Space, Add	*97.76*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*97.76*	
26 05 33 13-1645		EA	4" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	897.65	156.61
			For Elevated Installation >10' To 15', Add	*39.15*	
			For Elevated Installation >15' To 20', Add	*78.30*	
			For Elevated Installation >20' To 25', Add	*97.88*	
			For Elevated Installation >25' To 30', Add	*137.03*	
			For Elevated Installation >30' To 35', Add	*156.60*	
			For Elevated Installation >35' To 40', Add	*195.75*	
			For Elevated Installation >40', Add	*215.33*	
			For Work In Restricted Working Space, Add	*117.45*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*117.45*	

26 05 33 13-1646 Set Screw, Cast Aluminum Conduit Body *(26 05 33 13-1533)*
Note: For use with Electrical Metallic Tubing (EMT)

26 05 33 13-1647 Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover *(26 05 33 13-1646)*

26 05 33 13-1648		EA	1/2" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	32.59	8.91
			For Work In Restricted Working Space, Add	*6.68*	
			For Elevated Installation >10' To 15', Add	*2.23*	
			For Elevated Installation >15' To 20', Add	*4.45*	
			For Elevated Installation >20' To 25', Add	*5.57*	
			For Elevated Installation >25' To 30', Add	*7.79*	
			For Elevated Installation >30' To 35', Add	*8.91*	
			For Elevated Installation >35' To 40', Add	*11.14*	
			For Elevated Installation >40', Add	*12.25*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1649	EA	3/4" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	41.71	11.72
		For Work In Restricted Working Space, Add	*8.79*	
		For Elevated Installation >10' To 15', Add	*2.93*	
		For Elevated Installation >15' To 20', Add	*5.86*	
		For Elevated Installation >20' To 25', Add	*7.33*	
		For Elevated Installation >25' To 30', Add	*10.26*	
		For Elevated Installation >30' To 35', Add	*11.72*	
		For Elevated Installation >35' To 40', Add	*14.65*	
		For Elevated Installation >40', Add	*16.12*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.79*	
26 05 33 13-1650	EA	1" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	56.37	14.53
		For Work In Restricted Working Space, Add	*10.90*	
		For Elevated Installation >10' To 15', Add	*3.63*	
		For Elevated Installation >15' To 20', Add	*7.27*	
		For Elevated Installation >20' To 25', Add	*9.09*	
		For Elevated Installation >25' To 30', Add	*12.72*	
		For Elevated Installation >30' To 35', Add	*14.54*	
		For Elevated Installation >35' To 40', Add	*18.17*	
		For Elevated Installation >40', Add	*19.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.90*	
26 05 33 13-1651	EA	1-1/4" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	73.04	17.81
		For Work In Restricted Working Space, Add	*13.37*	
		For Elevated Installation >10' To 15', Add	*4.46*	
		For Elevated Installation >15' To 20', Add	*8.91*	
		For Elevated Installation >20' To 25', Add	*11.14*	
		For Elevated Installation >25' To 30', Add	*15.59*	
		For Elevated Installation >30' To 35', Add	*17.82*	
		For Elevated Installation >35' To 40', Add	*22.28*	
		For Elevated Installation >40', Add	*24.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.37*	
26 05 33 13-1652	EA	1-1/2" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	95.88	20.63
		For Work In Restricted Working Space, Add	*15.47*	
		For Elevated Installation >10' To 15', Add	*5.16*	
		For Elevated Installation >15' To 20', Add	*10.31*	
		For Elevated Installation >20' To 25', Add	*12.89*	
		For Elevated Installation >25' To 30', Add	*18.05*	
		For Elevated Installation >30' To 35', Add	*20.63*	
		For Elevated Installation >35' To 40', Add	*25.79*	
		For Elevated Installation >40', Add	*28.36*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.47*	
26 05 33 13-1653	EA	2" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	126.81	23.45
		For Work In Restricted Working Space, Add	*17.58*	
		For Elevated Installation >10' To 15', Add	*5.86*	
		For Elevated Installation >15' To 20', Add	*11.72*	
		For Elevated Installation >20' To 25', Add	*14.65*	
		For Elevated Installation >25' To 30', Add	*20.51*	
		For Elevated Installation >30' To 35', Add	*23.44*	
		For Elevated Installation >35' To 40', Add	*29.31*	
		For Elevated Installation >40', Add	*32.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.58*	

26 05 33 13-1654 Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover *(26 05 33 13-1646)*

26 05 33 13-1655	EA	1/2" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	32.88	8.91
		For Work In Restricted Working Space, Add	*6.68*	
		For Elevated Installation >10' To 15', Add	*2.23*	
		For Elevated Installation >15' To 20', Add	*4.45*	
		For Elevated Installation >20' To 25', Add	*5.57*	
		For Elevated Installation >25' To 30', Add	*7.79*	
		For Elevated Installation >30' To 35', Add	*8.91*	
		For Elevated Installation >35' To 40', Add	*11.14*	
		For Elevated Installation >40', Add	*12.25*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.68*	
26 05 33 13-1656	EA	3/4" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	42.80	11.72
		For Work In Restricted Working Space, Add	*8.79*	
		For Elevated Installation >10' To 15', Add	*2.93*	
		For Elevated Installation >15' To 20', Add	*5.86*	
		For Elevated Installation >20' To 25', Add	*7.33*	
		For Elevated Installation >25' To 30', Add	*10.26*	
		For Elevated Installation >30' To 35', Add	*11.72*	
		For Elevated Installation >35' To 40', Add	*14.65*	
		For Elevated Installation >40', Add	*16.12*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.79*	
26 05 33 13-1657	EA	1" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	52.58	14.53
		For Work In Restricted Working Space, Add	*10.90*	
		For Elevated Installation >10' To 15', Add	*3.63*	
		For Elevated Installation >15' To 20', Add	*7.27*	
		For Elevated Installation >20' To 25', Add	*9.09*	
		For Elevated Installation >25' To 30', Add	*12.72*	
		For Elevated Installation >30' To 35', Add	*14.54*	
		For Elevated Installation >35' To 40', Add	*18.17*	
		For Elevated Installation >40', Add	*19.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1658	EA	1-1/4" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	72.72	17.81
		For Work In Restricted Working Space, Add	*13.37*	
		For Elevated Installation >10' To 15', Add	*4.46*	
		For Elevated Installation >15' To 20', Add	*8.91*	
		For Elevated Installation >20' To 25', Add	*11.14*	
		For Elevated Installation >25' To 30', Add	*15.59*	
		For Elevated Installation >30' To 35', Add	*17.82*	
		For Elevated Installation >35' To 40', Add	*22.28*	
		For Elevated Installation >40', Add	*24.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.37*	
26 05 33 13-1659	EA	1-1/2" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	89.58	20.63
		For Work In Restricted Working Space, Add	*15.47*	
		For Elevated Installation >10' To 15', Add	*5.16*	
		For Elevated Installation >15' To 20', Add	*10.31*	
		For Elevated Installation >20' To 25', Add	*12.89*	
		For Elevated Installation >25' To 30', Add	*18.05*	
		For Elevated Installation >30' To 35', Add	*20.63*	
		For Elevated Installation >35' To 40', Add	*25.79*	
		For Elevated Installation >40', Add	*28.36*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.47*	
26 05 33 13-1660	EA	2" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	126.27	23.45
		For Work In Restricted Working Space, Add	*17.58*	
		For Elevated Installation >10' To 15', Add	*5.86*	
		For Elevated Installation >15' To 20', Add	*11.72*	
		For Elevated Installation >20' To 25', Add	*14.65*	
		For Elevated Installation >25' To 30', Add	*20.51*	
		For Elevated Installation >30' To 35', Add	*23.44*	
		For Elevated Installation >35' To 40', Add	*29.31*	
		For Elevated Installation >40', Add	*32.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.58*	
26 05 33 13-1661		Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover *(26 05 33 13-1646)*		
26 05 33 13-1662	EA	1/2" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover	42.30	11.72
		For Work In Restricted Working Space, Add	*8.79*	
		For Elevated Installation >10' To 15', Add	*2.93*	
		For Elevated Installation >15' To 20', Add	*5.86*	
		For Elevated Installation >20' To 25', Add	*7.33*	
		For Elevated Installation >25' To 30', Add	*10.26*	
		For Elevated Installation >30' To 35', Add	*11.72*	
		For Elevated Installation >35' To 40', Add	*14.65*	
		For Elevated Installation >40', Add	*16.12*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.79*	
26 05 33 13-1663	EA	3/4" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover	55.07	14.53
		For Work In Restricted Working Space, Add	*10.90*	
		For Elevated Installation >10' To 15', Add	*3.63*	
		For Elevated Installation >15' To 20', Add	*7.27*	
		For Elevated Installation >20' To 25', Add	*9.09*	
		For Elevated Installation >25' To 30', Add	*12.72*	
		For Elevated Installation >30' To 35', Add	*14.54*	
		For Elevated Installation >35' To 40', Add	*18.17*	
		For Elevated Installation >40', Add	*19.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.90*	
26 05 33 13-1664	EA	1" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover	66.44	17.81
		For Work In Restricted Working Space, Add	*13.37*	
		For Elevated Installation >10' To 15', Add	*4.46*	
		For Elevated Installation >15' To 20', Add	*8.91*	
		For Elevated Installation >20' To 25', Add	*11.14*	
		For Elevated Installation >25' To 30', Add	*15.59*	
		For Elevated Installation >30' To 35', Add	*17.82*	
		For Elevated Installation >35' To 40', Add	*22.28*	
		For Elevated Installation >40', Add	*24.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.37*	
26 05 33 13-1665	EA	1-1/4" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover	91.71	20.63
		For Work In Restricted Working Space, Add	*16.18*	
		For Elevated Installation >10' To 15', Add	*5.39*	
		For Elevated Installation >15' To 20', Add	*10.78*	
		For Elevated Installation >20' To 25', Add	*13.48*	
		For Elevated Installation >25' To 30', Add	*18.87*	
		For Elevated Installation >30' To 35', Add	*21.57*	
		For Elevated Installation >35' To 40', Add	*26.96*	
		For Elevated Installation >40', Add	*29.66*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.18*	
26 05 33 13-1666	EA	1-1/2" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover	117.46	23.45
		For Work In Restricted Working Space, Add	*18.99*	
		For Elevated Installation >10' To 15', Add	*6.33*	
		For Elevated Installation >15' To 20', Add	*12.66*	
		For Elevated Installation >20' To 25', Add	*15.82*	
		For Elevated Installation >25' To 30', Add	*22.15*	
		For Elevated Installation >30' To 35', Add	*25.32*	
		For Elevated Installation >35' To 40', Add	*31.65*	
		For Elevated Installation >40', Add	*34.81*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1667	EA	2" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover	157.80	26.25
		For Work In Restricted Working Space, Add	*21.80*	
		For Elevated Installation >10' To 15', Add	*7.27*	
		For Elevated Installation >15' To 20', Add	*14.53*	
		For Elevated Installation >20' To 25', Add	*18.17*	
		For Elevated Installation >25' To 30', Add	*25.43*	
		For Elevated Installation >30' To 35', Add	*29.07*	
		For Elevated Installation >35' To 40', Add	*36.34*	
		For Elevated Installation >40', Add	*39.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.80*	

26 05 33 13-1668 Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover *(26 05 33 13-1646)*

26 05 33 13-1669	EA	1/2" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	33.80	8.91
		For Work In Restricted Working Space, Add	*6.68*	
		For Elevated Installation >10' To 15', Add	*2.23*	
		For Elevated Installation >15' To 20', Add	*4.45*	
		For Elevated Installation >20' To 25', Add	*5.57*	
		For Elevated Installation >25' To 30', Add	*7.79*	
		For Elevated Installation >30' To 35', Add	*8.91*	
		For Elevated Installation >35' To 40', Add	*11.14*	
		For Elevated Installation >40', Add	*12.25*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.68*	
26 05 33 13-1670	EA	3/4" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	45.21	11.72
		For Work In Restricted Working Space, Add	*8.79*	
		For Elevated Installation >10' To 15', Add	*2.93*	
		For Elevated Installation >15' To 20', Add	*5.86*	
		For Elevated Installation >20' To 25', Add	*7.33*	
		For Elevated Installation >25' To 30', Add	*10.26*	
		For Elevated Installation >30' To 35', Add	*11.72*	
		For Elevated Installation >35' To 40', Add	*14.65*	
		For Elevated Installation >40', Add	*16.12*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.79*	
26 05 33 13-1671	EA	1" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	57.74	14.53
		For Work In Restricted Working Space, Add	*10.90*	
		For Elevated Installation >10' To 15', Add	*3.63*	
		For Elevated Installation >15' To 20', Add	*7.27*	
		For Elevated Installation >20' To 25', Add	*9.09*	
		For Elevated Installation >25' To 30', Add	*12.72*	
		For Elevated Installation >30' To 35', Add	*14.54*	
		For Elevated Installation >35' To 40', Add	*18.17*	
		For Elevated Installation >40', Add	*19.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.90*	
26 05 33 13-1672	EA	1-1/4" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	74.68	17.81
		For Work In Restricted Working Space, Add	*13.37*	
		For Elevated Installation >10' To 15', Add	*4.46*	
		For Elevated Installation >15' To 20', Add	*8.91*	
		For Elevated Installation >20' To 25', Add	*11.14*	
		For Elevated Installation >25' To 30', Add	*15.59*	
		For Elevated Installation >30' To 35', Add	*17.82*	
		For Elevated Installation >35' To 40', Add	*22.28*	
		For Elevated Installation >40', Add	*24.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.37*	
26 05 33 13-1673	EA	1-1/2" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	90.71	20.63
		For Work In Restricted Working Space, Add	*15.47*	
		For Elevated Installation >10' To 15', Add	*5.16*	
		For Elevated Installation >15' To 20', Add	*10.31*	
		For Elevated Installation >20' To 25', Add	*12.89*	
		For Elevated Installation >25' To 30', Add	*18.05*	
		For Elevated Installation >30' To 35', Add	*20.63*	
		For Elevated Installation >35' To 40', Add	*25.79*	
		For Elevated Installation >40', Add	*28.36*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.47*	
26 05 33 13-1674	EA	2" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	136.78	23.45
		For Work In Restricted Working Space, Add	*17.58*	
		For Elevated Installation >10' To 15', Add	*5.86*	
		For Elevated Installation >15' To 20', Add	*11.72*	
		For Elevated Installation >20' To 25', Add	*14.65*	
		For Elevated Installation >25' To 30', Add	*20.51*	
		For Elevated Installation >30' To 35', Add	*23.44*	
		For Elevated Installation >35' To 40', Add	*29.31*	
		For Elevated Installation >40', Add	*32.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.58*	

26 05 33 13-1675 Replacement Covers And Gaskets For Conduit Body *(26 05 33 13-1533)*

26 05 33 13-1676 Replacement Stamped Aluminum Conduit Body Cover *(26 05 33 13-1675)*

26 05 33 13-1677	EA	1/2" Replacement Stamped Aluminum Conduit Body Cover	12.05	4.57
26 05 33 13-1678	EA	3/4" Replacement Stamped Aluminum Conduit Body Cover	14.73	5.33
26 05 33 13-1679	EA	1" Replacement Stamped Aluminum Conduit Body Cover	18.86	6.86
26 05 33 13-1680	EA	1-1/4" Replacement Stamped Aluminum Conduit Body Cover	22.97	8.38
26 05 33 13-1681	EA	1-1/2" Replacement Stamped Aluminum Conduit Body Cover	28.22	9.90
26 05 33 13-1682	EA	2" Replacement Stamped Aluminum Conduit Body Cover	33.44	11.43
26 05 33 13-1683	EA	2-1/2" Replacement Stamped Aluminum Conduit Body Cover	44.22	12.95

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	26 05 33 13-1684	EA	3" Replacement Stamped Aluminum Conduit Body Cover	57.22	18.28
	26 05 33 13-1685	EA	3-1/2" Replacement Stamped Aluminum Conduit Body Cover	62.13	20.57
	26 05 33 13-1686	EA	4" Replacement Stamped Aluminum Conduit Body Cover	78.26	25.90
26 05 33 13-1687			Replacement Cast Steel Conduit Body Cover *(26 05 33 13-1675)*		
	26 05 33 13-1688	EA	1/2" Replacement Cast Steel Conduit Body Cover	14.02	4.57
	26 05 33 13-1689	EA	3/4" Replacement Cast Steel Conduit Body Cover	16.45	5.33
	26 05 33 13-1690	EA	1" Replacement Cast Steel Conduit Body Cover	23.12	6.86
	26 05 33 13-1691	EA	1-1/4" Replacement Cast Steel Conduit Body Cover	28.73	8.38
	26 05 33 13-1692	EA	1-1/2" Replacement Cast Steel Conduit Body Cover	34.93	9.90
	26 05 33 13-1693	EA	2" Replacement Cast Steel Conduit Body Cover	41.12	11.43
	26 05 33 13-1694	EA	2-1/2" Replacement Cast Steel Conduit Body Cover	47.26	12.95
	26 05 33 13-1695	EA	3" Replacement Cast Steel Conduit Body Cover	64.42	18.28
	26 05 33 13-1696	EA	3-1/2" Replacement Cast Steel Conduit Body Cover	73.46	20.57
	26 05 33 13-1697	EA	4" Replacement Cast Steel Conduit Body Cover	92.60	25.90
26 05 33 13-1698			Replacement Velbuna Composition Conduit Body Gasket *(26 05 33 13-1675)*		
	26 05 33 13-1699	EA	1/2" Replacement Velbuna Composition Conduit Body Gasket	11.16	4.57
	26 05 33 13-1700	EA	3/4" Replacement Velbuna Composition Conduit Body Gasket	12.75	5.33
	26 05 33 13-1701	EA	1" Replacement Velbuna Composition Conduit Body Gasket	16.65	6.86
	26 05 33 13-1702	EA	1-1/4" Replacement Velbuna Composition Conduit Body Gasket	21.63	8.38
	26 05 33 13-1703	EA	1-1/2" Replacement Velbuna Composition Conduit Body Gasket	24.68	9.90
	26 05 33 13-1704	EA	2" Replacement Velbuna Composition Conduit Body Gasket	29.35	11.43
	26 05 33 13-1705	EA	2-1/2" Replacement Velbuna Composition Conduit Body Gasket	38.63	12.95
	26 05 33 13-1706	EA	3" Replacement Velbuna Composition Conduit Body Gasket	50.24	18.28
	26 05 33 13-1707	EA	3-1/2" Replacement Velbuna Composition Conduit Body Gasket	55.52	20.57
	26 05 33 13-1708	EA	4" Replacement Velbuna Composition Conduit Body Gasket	66.06	25.90
26 05 33 13-1709			Replacement Neoprene Conduit Body Gasket *(26 05 33 13-1675)*		
	26 05 33 13-1710	EA	1/2" Replacement Neoprene Conduit Body Gasket	12.53	4.57
	26 05 33 13-1711	EA	3/4" Replacement Neoprene Conduit Body Gasket	14.06	5.33
	26 05 33 13-1712	EA	1" Replacement Neoprene Conduit Body Gasket	18.38	6.86
	26 05 33 13-1713	EA	1-1/4" Replacement Neoprene Conduit Body Gasket	22.51	8.38
	26 05 33 13-1714	EA	1-1/2" Replacement Neoprene Conduit Body Gasket	25.56	9.90
	26 05 33 13-1715	EA	2" Replacement Neoprene Conduit Body Gasket	29.44	11.43
	26 05 33 13-1716	EA	2-1/2" Replacement Neoprene Conduit Body Gasket	38.84	12.95
	26 05 33 13-1717	EA	3" Replacement Neoprene Conduit Body Gasket	50.45	18.28
	26 05 33 13-1718	EA	3-1/2" Replacement Neoprene Conduit Body Gasket	56.98	20.57
	26 05 33 13-1719	EA	4" Replacement Neoprene Conduit Body Gasket	67.52	25.90
26 05 33 13-1720			Cutting Knockouts In-Place Metal Boxes Or Enclosures *(26 05 33 13-0058)*		
			Note: For use when connecting conduit to an existing in-place system.		
	26 05 33 13-1721	EA	1/2", Cutting Knockouts In-Place Metal Boxes Or Enclosures	19.40	
			For Work In Restricted Working Space, Add	*5.82*	
	26 05 33 13-1722	EA	3/4", Cutting Knockouts In-Place Metal Boxes Or Enclosures	21.84	
			For Work In Restricted Working Space, Add	*6.55*	
	26 05 33 13-1723	EA	1", Cutting Knockouts In-Place Metal Boxes Or Enclosures	25.70	
			For Work In Restricted Working Space, Add	*7.71*	
	26 05 33 13-1724	EA	1-1/4", Cutting Knockouts In-Place Metal Boxes Or Enclosures	28.52	
			For Work In Restricted Working Space, Add	*8.56*	
	26 05 33 13-1725	EA	1-1/2", Cutting Knockouts In-Place Metal Boxes Or Enclosures	32.13	
			For Work In Restricted Working Space, Add	*9.64*	
	26 05 33 13-1726	EA	2", Cutting Knockouts In-Place Metal Boxes Or Enclosures	38.04	
			For Work In Restricted Working Space, Add	*11.41*	
	26 05 33 13-1727	EA	2-1/2", Cutting Knockouts In-Place Metal Boxes Or Enclosures	44.97	
			For Work In Restricted Working Space, Add	*13.49*	
	26 05 33 13-1728	EA	3", Cutting Knockouts In-Place Metal Boxes Or Enclosures	51.40	
			For Work In Restricted Working Space, Add	*15.42*	
	26 05 33 13-1729	EA	3-1/2", Cutting Knockouts In-Place Metal Boxes Or Enclosures	57.82	
			For Work In Restricted Working Space, Add	*17.35*	
	26 05 33 13-1730	EA	4", Cutting Knockouts In-Place Metal Boxes Or Enclosures	64.24	
			For Work In Restricted Working Space, Add	*19.27*	
26 05 33 13-1731			Buried Pipe Or Conduit Wrap *(26 05 33 13)*		
26 05 33 13-1732			All-Weather Corrosion Protection Tape For Pipe Or Conduit *(26 05 33 13-1731)*		
			Note: Priced by the linear feet of pipe or conduit the tape is installed on.		
	26 05 33 13-1733	LF	Pipe Or Conduit Wrap For 1/2" Diameter Pipe, 10 Mil, All-Weather Corrosion Protection Tape (3M Scotchrap 50)	2.80	
	26 05 33 13-1734	LF	Pipe Or Conduit Wrap For 3/4" Diameter Pipe, 10 Mil, All-Weather Corrosion Protection Tape (3M Scotchrap 50)	3.23	
	26 05 33 13-1735	LF	Pipe Or Conduit Wrap For 1" Diameter Pipe, 10 Mil, All-Weather Corrosion Protection Tape (3M Scotchrap 50)	3.74	
	26 05 33 13-1736	LF	Pipe Or Conduit Wrap For 1-1/4" Diameter Pipe, 10 Mil, All-Weather Corrosion Protection Tape (3M Scotchrap 50)	4.29	
	26 05 33 13-1737	LF	Pipe Or Conduit Wrap For 1-1/2" Diameter Pipe, 10 Mil, All-Weather Corrosion Protection Tape (3M Scotchrap 50)	4.89	
	26 05 33 13-1738	LF	Pipe Or Conduit Wrap For 2" Diameter Pipe, 10 Mil, All-Weather Corrosion Protection Tape (3M Scotchrap 50)	5.87	
	26 05 33 13-1739	LF	Pipe Or Conduit Wrap For 2-1/2" Diameter Pipe, 10 Mil, All-Weather Corrosion Protection Tape (3M Scotchrap 50)	6.51	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1740	LF	Pipe Or Conduit Wrap For 3" Diameter Pipe, 10 Mil, All-Weather Corrosion Protection Tape (3M Scotchrap 50)	7.19	
26 05 33 13-1741	LF	Pipe Or Conduit Wrap For 4" Diameter Pipe, 10 Mil, All-Weather Corrosion Protection Tape (3M Scotchrap 50)	8.94	
26 05 33 13-1742	LF	Pipe Or Conduit Wrap For 5" Diameter Pipe, 10 Mil, All-Weather Corrosion Protection Tape (3M Scotchrap 50)	10.32	
26 05 33 13-1743	LF	Pipe Or Conduit Wrap For 6" Diameter Pipe, 10 Mil, All-Weather Corrosion Protection Tape (3M Scotchrap 50)	11.71	
26 05 33 13-1744	LF	Pipe Or Conduit Wrap For 1/2" Diameter Pipe, 20 Mil, All-Weather Corrosion Protection Tape (3M Scotchrap 51)	2.82	
26 05 33 13-1745	LF	Pipe Or Conduit Wrap For 3/4" Diameter Pipe, 20 Mil, All-Weather Corrosion Protection Tape (3M Scotchrap 51)	3.35	
26 05 33 13-1746	LF	Pipe Or Conduit Wrap For 1" Diameter Pipe, 20 Mil, All-Weather Corrosion Protection Tape (3M Scotchrap 51)	3.91	
26 05 33 13-1747	LF	Pipe Or Conduit Wrap For 1-1/4" Diameter Pipe, 20 Mil, All-Weather Corrosion Protection Tape (3M Scotchrap 51)	4.50	
26 05 33 13-1748	LF	Pipe Or Conduit Wrap For 1-1/2" Diameter Pipe, 20 Mil, All-Weather Corrosion Protection Tape (3M Scotchrap 51)	5.16	
26 05 33 13-1749	LF	Pipe Or Conduit Wrap For 2" Diameter Pipe, 20 Mil, All-Weather Corrosion Protection Tape (3M Scotchrap 51)	6.25	
26 05 33 13-1750	LF	Pipe Or Conduit Wrap For 2-1/2" Diameter Pipe, 20 Mil, All-Weather Corrosion Protection Tape (3M Scotchrap 51)	7.11	
26 05 33 13-1751	LF	Pipe Or Conduit Wrap For 3" Diameter Pipe, 20 Mil, All-Weather Corrosion Protection Tape (3M Scotchrap 51)	8.05	
26 05 33 13-1752	LF	Pipe Or Conduit Wrap For 4" Diameter Pipe, 20 Mil, All-Weather Corrosion Protection Tape (3M Scotchrap 51)	10.11	
26 05 33 13-1753	LF	Pipe Or Conduit Wrap For 5" Diameter Pipe, 20 Mil, All-Weather Corrosion Protection Tape (3M Scotchrap 51)	11.79	
26 05 33 13-1754	LF	Pipe Or Conduit Wrap For 6" Diameter Pipe, 20 Mil, All-Weather Corrosion Protection Tape (3M Scotchrap 51)	13.46	

26 05 33 16 Boxes for Electrical Systems *(26 05 33)*

See CSI section 26 27 16 00-0000 for larger junction boxes and enclosures.

26 05 33 16-0001 Steel Junction, Device, And Fixture Boxes, Rings And Covers *(26 05 33 16)*

Note: Thin wall metal. See CSI section 26 27 26 00-0003 for steel box/receptacle assemblies, 26 27 26 00-0126 for steel box/switch assemblies.

26 05 33 16-0002 4" Square Steel Boxes, Rings And Covers *(26 05 33 16-0001)*

26 05 33 16-0003	EA	1-1/2" Depth, 4" Square Steel Box	40.88	19.24
		For Stud Bracket, Add	*0.59*	
26 05 33 16-0004	EA	2-1/8" Depth, 4" Square Steel Box	41.96	19.24
		For Stud Bracket, Add	*1.05*	
26 05 33 16-0005	EA	3-1/2" Depth, 4" Square Steel Box	45.68	19.24
		For Stud Bracket, Add	*1.15*	
26 05 33 16-0006	EA	1-1/2" Depth, 4" Square Steel Extension Ring	30.96	12.83
26 05 33 16-0007	EA	2-1/8" Depth, 4" Square Steel Extension Ring	27.20	12.83
26 05 33 16-0008	EA	1/2" Depth, 1 Gang, 4" Square Steel Mud Ring	13.97	6.41
26 05 33 16-0009	EA	5/8" Depth, 1 Gang, 4" Square Steel Mud Ring	14.14	6.41
26 05 33 16-0010	EA	3/4" Depth, 1 Gang, 4" Square Steel Mud Ring	14.26	6.41
26 05 33 16-0011	EA	1" Depth, 1 Gang, 4" Square Steel Mud Ring	14.67	6.41
26 05 33 16-0012	EA	1-1/4" Depth, 1 Gang, 4" Square Steel Mud Ring	14.79	6.41
26 05 33 16-0013	EA	1-1/2" Depth, 1 Gang, 4" Square Steel Mud Ring	16.07	6.41
26 05 33 16-0014	EA	1/2" Depth, 2 Gang, 4" Square Steel Mud Ring	14.45	6.41
26 05 33 16-0015	EA	5/8" Depth, 2 Gang, 4" Square Steel Mud Ring	14.58	6.41
26 05 33 16-0016	EA	3/4" Depth, 2 Gang, 4" Square Steel Mud Ring	14.73	6.41
26 05 33 16-0017	EA	1" Depth, 2 Gang, 4" Square Steel Mud Ring	16.05	6.41
26 05 33 16-0018	EA	1-1/4" Depth, 2 Gang, 4" Square Steel Mud Ring	16.32	6.41
26 05 33 16-0019	EA	1-1/2" Depth, 2 Gang, 4" Square Steel Mud Ring	17.99	6.41
26 05 33 16-0020	EA	3/4" Depth, Fixture Cover, 4" Square Mud Rings	15.10	6.41
26 05 33 16-0021	EA	1" Depth, Fixture Cover, 4" Square Mud Rings	16.16	6.41
26 05 33 16-0022	EA	One Toggle Switch, 4" Square Steel Exposed Work Cover	14.44	6.41
26 05 33 16-0023	EA	Two Toggle Switches, 4" Square Steel Exposed Work Cover	14.53	6.41
26 05 33 16-0024	EA	One Duplex Receptacle, 4" Square Steel Exposed Work Cover	14.41	6.41
26 05 33 16-0025	EA	Two Duplex Receptacles, 4" Square Steel Exposed Work Cover	14.69	6.41
26 05 33 16-0026	EA	One Toggle Switch And One Duplex Receptacle, 4" Square Steel Exposed Work Cover	14.93	6.41
26 05 33 16-0027	EA	One Toggle Switch And One 1.406" Diameter Receptacle, 4" Square Steel Exposed Work Cover	17.88	6.41
26 05 33 16-0028	EA	One 1.406" Diameter Receptacle, 4" Square Steel Exposed Work Cover	14.89	6.41
26 05 33 16-0029	EA	Two 1.406" Diameter Receptacles, 4" Square Steel Exposed Work Cover	17.88	6.41
26 05 33 16-0030	EA	One 1.620" Diameter Receptacle, 4" Square Steel Exposed Work Cover	14.89	6.41
26 05 33 16-0031	EA	One 1.719" Diameter Receptacle, 4" Square Steel Exposed Work Cover	15.58	6.41
26 05 33 16-0032	EA	One 2.165" Diameter Receptacle, 4" Square Steel Exposed Work Cover	17.88	6.41
26 05 33 16-0033	EA	One 2.480" Diameter Receptacle, 4" Square Steel Exposed Work Cover	17.88	6.41
26 05 33 16-0034	EA	Flat, 4" Square Steel Exposed Work Cover	13.59	6.41

26 05 33 16-0035 4-11/16" Square Steel Boxes, Rings And Covers *(26 05 33 16-0001)*

26 05 33 16-0036	EA	1-1/2" Depth, 4-11/16" Square Steel Box	44.88	19.24
26 05 33 16-0037	EA	2-1/8" Depth, 4-11/16" Square Steel Box	42.43	19.24
		For Stud Bracket, Add	*0.55*	
26 05 33 16-0038	EA	3-1/4" Depth, 4-11/16" Square Steel Box	54.74	19.24
26 05 33 16-0039	EA	1-1/2" Depth, 4-11/16" Square Extension Ring	31.99	12.83
26 05 33 16-0040	EA	2-1/8" Depth, 4-11/16" Square Extension Ring	32.59	12.83
26 05 33 16-0041	EA	1/2" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring	16.42	6.41
26 05 33 16-0042	EA	5/8" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring	16.45	6.41
26 05 33 16-0043	EA	3/4" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring	17.49	6.41
26 05 33 16-0044	EA	1" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring	17.07	6.41
26 05 33 16-0045	EA	1-1/4" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring	16.98	6.41
26 05 33 16-0046	EA	1-1/2" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring	21.33	6.41
26 05 33 16-0047	EA	1/2" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring	17.25	6.41
26 05 33 16-0048	EA	5/8" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring	17.47	6.41
26 05 33 16-0049	EA	3/4" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring	17.49	6.41
26 05 33 16-0050	EA	1" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring	19.03	6.41

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0051	EA	1-1/4" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring	19.35	6.41
26 05 33 16-0052	EA	1-1/2" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring	23.07	6.41
26 05 33 16-0053	EA	1/2" Depth, Fixture Cover, 4-11/16" Square Steel Mud Ring	17.05	6.41
26 05 33 16-0054	EA	5/8" Depth, Fixture Cover, 4-11/16" Square Steel Mud Ring	17.16	6.41
26 05 33 16-0055	EA	One Toggle Switch, 4-11/16" Square Steel Exposed Work Cover	20.04	6.41
26 05 33 16-0056	EA	Two Toggle Switches, 4-11/16" Square Steel Exposed Work Cover	20.85	6.41
26 05 33 16-0057	EA	One Duplex Receptacle, 4-11/16" Square Steel Exposed Work Cover	19.80	6.41
26 05 33 16-0058	EA	Two Duplex Receptacles, 4-11/16" Square Steel Exposed Work Cover	18.92	6.41
26 05 33 16-0059	EA	One Toggle Switch And One Duplex Receptacle, 4-11/16" Square Steel Exposed Work Cover	21.87	6.41
26 05 33 16-0060	EA	One 1.594" Diameter Receptacle, 4-11/16" Square Steel Exposed Work Cover	20.84	6.41
26 05 33 16-0061	EA	One 2.141" Diameter Receptacle, 4-11/16" Square Steel Exposed Work Cover	20.84	6.41
26 05 33 16-0062	EA	One 2.625" Diameter Receptacle, 4-11/16" Square Steel Exposed Work Cover	20.84	6.41
26 05 33 16-0063	EA	Flat, 4-11/16" Square Steel Exposed Work Cover	14.25	6.41
26 05 33 16-0064		**Steel Square Box Brackets** *(26 05 33 16-0001)*		
26 05 33 16-0065	EA	16" Or 24" Width Box Bracket, For Multiple 1-1/2" And 2-1/8" Deep Boxes	20.37	9.63
26 05 33 16-0066	EA	Single Box Bracket, One 4" Or 4-11/16" Square Box	14.55	6.42
26 05 33 16-0067	EA	16" Box Bracket, Up To Three 4" Or 4-11/16" Square Boxes	22.98	9.63
26 05 33 16-0068	EA	24" Box Bracket, Up To Four 4" Or 4-11/16" Square Boxes	24.32	9.63
26 05 33 16-0069		**4" Octagon Steel Boxes And Covers** *(26 05 33 16-0001)*		
26 05 33 16-0070	EA	1-1/2" Depth, 4" Steel Octagon Box	34.03	16.03
		For Stud Bracket, Add	*1.42*	
26 05 33 16-0071	EA	2-1/8" Depth, 4" Steel Octagon Box	34.98	16.03
26 05 33 16-0072	EA	Flat, 4" Octagon Steel Exposed Work Cover	13.53	6.41
26 05 33 16-0073		**4" Steel Octagonal Concrete Rings And Steel Covers** *(26 05 33 16-0001)*		
		Note: Placed in concrete slabs or walls.		
26 05 33 16-0074	EA	2" Depth, 4" Steel Octagonal Concrete Ring	55.61	
26 05 33 16-0075	EA	2-1/2" Depth, 4" Steel Octagonal Concrete Ring	58.87	
26 05 33 16-0076	EA	3" Depth, 4" Steel Octagonal Concrete Ring	61.62	
26 05 33 16-0077	EA	3-1/2" Depth, 4" Steel Octagonal Concrete Ring	64.31	
26 05 33 16-0078	EA	4" Depth, 4" Steel Octagonal Concrete Ring	69.49	
26 05 33 16-0079	EA	5" Depth, 4" Steel Octagonal Concrete Ring	74.82	
26 05 33 16-0080	EA	6" Depth, 4" Steel Octagonal Concrete Ring	79.13	
26 05 33 16-0081	EA	Flat, 4" Steel Octagonal Concrete Cover	14.84	6.41
26 05 33 16-0082		**4-1/2" Steel Gang Boxes** *(26 05 33 16-0001)*		
26 05 33 16-0083	EA	2 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box	47.46	16.03
26 05 33 16-0084	EA	3 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box	51.97	17.32
26 05 33 16-0085	EA	4 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box	61.69	19.24
26 05 33 16-0086	EA	5 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box	78.51	21.16
26 05 33 16-0087	EA	6 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box	112.23	23.09
26 05 33 16-0088	EA	2 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box	62.09	16.03
26 05 33 16-0089	EA	3 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box	67.57	17.32
26 05 33 16-0090	EA	4 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box	88.02	19.24
26 05 33 16-0091	EA	5 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box	111.26	21.16
26 05 33 16-0092	EA	6 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box	176.98	23.09
26 05 33 16-0093	EA	2 Device, Gang Box Mud Ring	20.44	6.41
26 05 33 16-0094	EA	3 Device, Gang Box Mud Ring	20.69	6.41
26 05 33 16-0095	EA	4 Device, Gang Box Mud Ring	23.51	6.41
26 05 33 16-0096	EA	5 Device, Gang Box Mud Ring	28.36	6.41
26 05 33 16-0097	EA	6 Device, Gang Box Mud Ring	38.99	6.41
26 05 33 16-0098	EA	2 Device, Gang Box Flat Cover	18.02	6.41
26 05 33 16-0099	EA	3 Device, Gang Box Flat Cover	20.66	6.41
26 05 33 16-0100	EA	4 Device, Gang Box Flat Cover	24.17	6.41
26 05 33 16-0101	EA	5 Device, Gang Box Flat Cover	28.63	6.41
26 05 33 16-0102	EA	6 Device, Gang Box Flat Cover	39.75	6.41
26 05 33 16-0103		**Steel Switch Boxes** *(26 05 33 16-0001)*		
26 05 33 16-0104	EA	2-1/2" Depth, 3" x 2", Stud Bracket, Steel Switch Box	35.86	16.03
26 05 33 16-0105	EA	2-3/4" Depth, 3" x 2", Stud Bracket, Steel Switch Box	36.27	16.03
26 05 33 16-0106	EA	3-1/2" Depth, 3" x 2", Stud Bracket, Steel Switch Box	38.38	16.03
26 05 33 16-0107	EA	2-1/2" Depth, 2 Device, Stud Bracket, Steel Box	43.13	16.03
26 05 33 16-0108	EA	2-1/2" Depth, 3 Device, Stud Bracket, Steel Box	43.54	16.03
26 05 33 16-0109	EA	2-1/2" Depth, 4 Device, Stud Bracket, Steel Box	49.97	16.03
26 05 33 16-0110		**4" x 2" Steel Handy Boxes, Extension Rings And Covers** *(26 05 33 16-0001)*		
26 05 33 16-0111	EA	1-1/2" Deep, 4" x 2" Steel Handy Box	33.93	16.03
		For Stud Bracket, Add	*2.29*	
26 05 33 16-0112	EA	1-7/8" Deep, 4" x 2" Steel Handy Box	34.37	16.03
		For Stud Bracket, Add	*0.99*	
26 05 33 16-0113	EA	2-1/8" Deep, 4" x 2" Steel Handy Box	35.34	16.03
		For Stud Bracket, Add	*1.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0114	EA	1-1/2" Deep, 4" x 2" Steel Handy Box Extension Ring	21.90	9.62
26 05 33 16-0115	EA	1-7/8" Deep, 4" x 2" Steel Handy Box Extension Ring	21.46	9.62
26 05 33 16-0116	EA	GFI Receptacle, 2" x 4" Steel Handy Box Exposed Work Cover	7.37	3.21
26 05 33 16-0117	EA	1.406" Diameter Receptacle, 4" x 2" Steel Handy Box Exposed Work Cover	7.45	3.21
26 05 33 16-0118	EA	Duplex Receptacle, 4" x 2" Steel Handy Box Exposed Work Cover	7.04	3.21
26 05 33 16-0119	EA	Toggle Switch, 4" x 2" Steel Handy Box Exposed Work Cover	7.07	3.21
26 05 33 16-0120	EA	1.594" Diameter Receptacle, 4" x 2" Steel Handy Box Exposed Work Cover	7.90	3.21
26 05 33 16-0121	EA	Flat, 2" x 4" Steel Handy Box Exposed Work Cover	7.07	3.21
26 05 33 16-0122		**3-1/2" Depth, 3-3/4" Steel Masonry Boxes** *(26 05 33 16-0001)*		
26 05 33 16-0123	EA	1 Device, 3-1/2" Depth, 3-3/4" Steel Masonry Box	50.05	22.45
26 05 33 16-0124	EA	2 Device, 3-1/2" Depth, 3-3/4" Steel Masonry Box	55.23	23.74
26 05 33 16-0125	EA	3 Device, 3-1/2" Depth, 3-3/4" Steel Masonry Box	62.46	25.66
26 05 33 16-0126	EA	4 Device, 3-1/2" Depth, 3-3/4" Steel Masonry Box	70.60	28.23
26 05 33 16-0127		**Cast Boxes** *(26 05 33 16)*		
		Note: For flush or surface mount.		
26 05 33 16-0128		**Cast Iron Alloy Boxes** *(26 05 33 16-0127)*		
		See CSI section 26 27 26 00-0257 for box covers.		
26 05 33 16-0129		**Shallow, Single Gang Cast Iron Alloy Boxes** *(26 05 33 16-0128)*		
		Note: Up to 2" deep boxes.		
26 05 33 16-0130	EA	1/2" Depth, Type FS, Shallow, Single Gang Cast Iron Alloy Box Note: One hub.	113.07	38.49
26 05 33 16-0131	EA	3/4" Depth, Type FS, Shallow, Single Gang Cast Iron Alloy Box Note: One hub.	121.18	44.90
26 05 33 16-0132	EA	1" Depth, Type FS, Shallow, Single Gang Cast Iron Alloy Box Note: One hub.	142.39	54.52
26 05 33 16-0133	EA	1/2" Depth, Type FSC, Shallow, Single Gang Cast Iron Alloy Box Note: Two hub.	140.72	51.32
26 05 33 16-0134	EA	3/4" Depth, Type FSC, Shallow, Single Gang Cast Iron Alloy Box Note: Two hub.	180.74	60.94
26 05 33 16-0135	EA	1/2" Depth, Type FSL, Shallow, Single Gang Cast Iron Alloy Box Note: Two hub.	140.10	51.32
26 05 33 16-0136	EA	3/4" Depth, Type FSL, Shallow, Single Gang Cast Iron Alloy Box Note: Two hubs.	168.63	60.94
26 05 33 16-0137	EA	1/2" Depth, Type FSR, Shallow, Single Gang Cast Iron Alloy Box Note: Two hubs.	144.00	51.32
26 05 33 16-0138	EA	3/4" Depth, Type FSR, Shallow, Single Gang Cast Iron Alloy Box Note: Two hubs.	168.68	60.94
26 05 33 16-0139	EA	1/2" Depth, Type FSS, Shallow, Single Gang Cast Iron Alloy Box Note: Two hubs.	140.10	51.32
26 05 33 16-0140	EA	3/4" Depth, Type FSS, Shallow, Single Gang Cast Iron Alloy Box Note: Two hubs.	163.87	60.94
26 05 33 16-0141	EA	1/2" Depth, Type FSCA, Shallow, Single Gang Cast Iron Alloy Box Note: Three hubs.	166.41	64.14
26 05 33 16-0142	EA	3/4" Depth, Type FSCA, Shallow, Single Gang Cast Iron Alloy Box Note: Three hubs.	196.74	76.98
26 05 33 16-0143	EA	1/2" Depth, Type FSCC, Shallow, Single Gang Cast Iron Alloy Box Note: Three hubs.	173.88	64.14
26 05 33 16-0144	EA	3/4" Depth, Type FSCC, Shallow, Single Gang Cast Iron Alloy Box Note: Three hubs.	225.24	76.98
26 05 33 16-0145	EA	1/2" Depth, Type FSCT, Shallow, Single Gang Cast Iron Alloy Box Note: Three hubs.	178.76	64.14
26 05 33 16-0146	EA	3/4" Depth, Type FSCT, Shallow, Single Gang Cast Iron Alloy Box Note: Three hubs.	213.52	76.98
26 05 33 16-0147	EA	1/2" Depth, Type FST, Shallow, Single Gang Cast Iron Alloy Box Note: Three hubs.	165.77	64.14
26 05 33 16-0148	EA	3/4" Depth, Type FST, Shallow, Single Gang Cast Iron Alloy Box Note: Three hubs.	216.82	76.98
26 05 33 16-0149	EA	1/2" Depth, Type FSX, Shallow, Single Gang Cast Iron Alloy Box Note: Four hubs.	212.17	76.98
26 05 33 16-0150	EA	3/4" Depth, Type FSX, Shallow, Single Gang Cast Iron Alloy Box Note: Four hubs.	255.95	93.01
26 05 33 16-0151		**Deep, Single Gang Cast Iron Alloy Boxes** *(26 05 33 16-0128)*		
		Note: >2" deep boxes.		
26 05 33 16-0152	EA	1/2" Depth, Type FD, Deep, Single Gang Cast Iron Alloy Box Note: One hub.	118.57	38.49
26 05 33 16-0153	EA	3/4" Depth, Type FD, Deep, Single Gang Cast Iron Alloy Box Note: One hub.	136.45	44.90
26 05 33 16-0154	EA	1" Depth, Type FD, Deep, Single Gang Cast Iron Alloy Box Note: One hub.	160.01	54.52
26 05 33 16-0155	EA	1/2" Depth, Type FDC, Deep, Single Gang Cast Iron Alloy Box Note: Two hubs.	150.78	51.32
26 05 33 16-0156	EA	3/4" Depth, Type FDC, Deep, Single Gang Cast Iron Alloy Box Note: Two hubs.	173.80	60.94
26 05 33 16-0157	EA	1" Depth, Type FDC, Deep, Single Gang Cast Iron Alloy Box Note: Two hubs.	208.81	73.77

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0158	EA	3/4" Depth, Type FDS, Deep, Single Gang Cast Iron Alloy Box Note: Two hubs.	187.52	60.94
26 05 33 16-0159	EA	3/4" Depth, Type FDCC, Deep, Single Gang Cast Iron Alloy Box Note: Three hubs.	241.49	76.98
26 05 33 16-0160		**Shallow, Two Gang Cast Iron Alloy Boxes** *(26 05 33 16-0128)* Note: Up to 2" deep boxes.		
26 05 33 16-0161	EA	1/2" Depth, Type FS, Shallow, Two Gang Cast Iron Alloy Box Note: One hub.	136.79	41.70
26 05 33 16-0162	EA	3/4" Depth, Type FS, Shallow, Two Gang Cast Iron Alloy Box Note: One hub.	151.24	48.11
26 05 33 16-0163	EA	1" Depth, Type FS, Shallow, Two Gang Cast Iron Alloy Box Note: One hub.	175.38	57.73
26 05 33 16-0164	EA	1/2" Depth, Type FSC, Shallow, Two Gang Cast Iron Alloy Box Note: Two hubs.	165.09	54.52
26 05 33 16-0165	EA	3/4" Depth, Type FSC, Shallow, Two Gang Cast Iron Alloy Box Note: Two hubs.	187.16	64.14
26 05 33 16-0166		**Deep, Two Gang Cast Iron Alloy Boxes** *(26 05 33 16-0128)* Note: >2" deep boxes.		
26 05 33 16-0167	EA	1/2" Depth, Type FD, Deep, Two Gang Cast Iron Alloy Box Note: One hub.	153.31	41.70
26 05 33 16-0168	EA	3/4" Depth, Type FD, Deep, Two Gang Cast Iron Alloy Box Note: One hub.	166.78	48.11
26 05 33 16-0169	EA	1/2" Depth, Type FDC, Deep, Two Gang Cast Iron Alloy Box Note: Two hubs.	189.96	54.52
26 05 33 16-0170	EA	3/4" Depth, Type FDC, Deep, Two Gang Cast Iron Alloy Box Note: Two hubs.	213.43	64.14
26 05 33 16-0171		**Cast Aluminum Boxes** *(26 05 33 16-0127)* See CSI section 26 27 26 00-0257 for box covers.		
26 05 33 16-0172		**Shallow, Single Gang Cast Aluminum Boxes** *(26 05 33 16-0171)* Note: Up to 2" deep boxes.		
26 05 33 16-0173	EA	1/2" Depth, Type FS, Shallow, Single Gang Cast Aluminum Box Note: One hub.	100.23	32.08
26 05 33 16-0174	EA	3/4" Depth, Type FS, Shallow, Single Gang Cast Aluminum Box Note: One hub.	114.51	38.49
26 05 33 16-0175	EA	1" Depth, Type FS, Shallow, Single Gang Cast Aluminum Box Note: One hub.	126.39	48.11
26 05 33 16-0176	EA	1/2" Depth, Type FSA, Shallow, Single Gang Cast Aluminum Box Note: One hub.	93.82	32.08
26 05 33 16-0177	EA	3/4" Depth, Type FSA, Shallow, Single Gang Cast Aluminum Box Note: One hub.	119.03	38.49
26 05 33 16-0178	EA	1/2" Depth, Type FSC, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	126.52	44.90
26 05 33 16-0179	EA	3/4" Depth, Type FSC, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	151.90	54.52
26 05 33 16-0180	EA	1" Depth, Type FSC, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	190.79	67.35
26 05 33 16-0181	EA	1/2" Depth, Type FSL, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	137.67	44.90
26 05 33 16-0182	EA	3/4" Depth, Type FSL, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	146.47	54.52
26 05 33 16-0183	EA	1/2" Depth, Type FSLB, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	131.33	44.90
26 05 33 16-0184	EA	3/4" Depth, Type FSLB, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	150.26	54.52
26 05 33 16-0185	EA	1/2" Depth, Type FSR, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	127.23	44.90
26 05 33 16-0186	EA	3/4" Depth, Type FSR, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	150.26	54.52
26 05 33 16-0187	EA	1/2" Depth, Type FSS, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	117.77	44.90
26 05 33 16-0188	EA	3/4" Depth, Type FSS, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	160.32	54.52
26 05 33 16-0189	EA	1/2" Depth, Type FSCA, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	149.95	57.73
26 05 33 16-0190	EA	3/4" Depth, Type FSCA, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	182.13	70.57
26 05 33 16-0191	EA	1/2" Depth, Type FSCC, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	159.75	57.73
26 05 33 16-0192	EA	3/4" Depth, Type FSCC, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	216.09	70.57
26 05 33 16-0193	EA	1/2" Depth, Type FSCT, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	158.93	57.73
26 05 33 16-0194	EA	3/4" Depth, Type FSCT, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	195.05	70.57
26 05 33 16-0195	EA	3/4" Depth, Type FST, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	197.96	70.57

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0196	EA	1/2" Depth, Type FSX, Shallow, Single Gang Cast Aluminum Box Note: Four hubs.	193.77	70.57
26 05 33 16-0197	EA	3/4" Depth, Type FSX, Shallow, Single Gang Cast Aluminum Box Note: Four hubs.	236.45	86.60
26 05 33 16-0198		Deep, Single Gang Cast Aluminum Boxes *(26 05 33 16-0171)* Note: >2" deep boxes.		
26 05 33 16-0199	EA	1/2" Depth, Type FD, Deep, Single Gang Cast Aluminum Box Note: One hub.	111.60	32.08
26 05 33 16-0200	EA	3/4" Depth, Type FD, Deep, Single Gang Cast Aluminum Box Note: One hub.	133.69	38.49
26 05 33 16-0201	EA	1" Depth, Type FD, Deep, Single Gang Cast Aluminum Box Note: One hub.	152.77	48.11
26 05 33 16-0202	EA	3/4" Depth, Type FDA, Deep, Single Gang Cast Aluminum Box Note: One hub.	144.08	38.49
26 05 33 16-0203	EA	1/2" Depth, Type FDC, Deep, Single Gang Cast Aluminum Box Note: Two hubs.	141.22	44.90
26 05 33 16-0204	EA	3/4" Depth, Type FDC, Deep, Single Gang Cast Aluminum Box Note: Two hubs.	169.95	54.52
26 05 33 16-0205	EA	1" Depth, Type FDC, Deep, Single Gang Cast Aluminum Box Note: Two hubs.	189.09	67.35
26 05 33 16-0206	EA	3/4" Depth, Type FDS, Deep, Single Gang Cast Aluminum Box Note: Two hubs.	172.36	54.52
26 05 33 16-0207	EA	3/4" Depth, Type FDCC, Deep, Single Gang Cast Aluminum Box Note: Three hubs.	210.20	70.57
26 05 33 16-0208		Shallow, Two Gang Cast Aluminum Boxes *(26 05 33 16-0171)* Note: Up to 2" deep boxes.		
26 05 33 16-0209	EA	1/2" Depth, Type FS, Shallow, Two Gang Cast Aluminum Box Note: One hub.	133.95	35.28
26 05 33 16-0210	EA	3/4" Depth, Type FS, Shallow, Two Gang Cast Aluminum Box Note: One hub.	153.18	41.70
26 05 33 16-0211	EA	1" Depth, Type FS, Shallow, Two Gang Cast Aluminum Box Note: One hub.	163.46	51.32
26 05 33 16-0212	EA	1/2" Depth, Type FSC, Shallow, Two Gang Cast Aluminum Box Note: Two hubs.	166.78	48.11
26 05 33 16-0213	EA	3/4" Depth, Type FSC, Shallow, Two Gang Cast Aluminum Box Note: Two hubs.	168.73	57.73
26 05 33 16-0214	EA	1" Depth, Type FSC, Shallow, Two Gang Cast Aluminum Box Note: Two hubs.	208.54	70.57
26 05 33 16-0215		Deep, Two Gang Cast Aluminum Boxes *(26 05 33 16-0171)* Note: >2" deep boxes.		
26 05 33 16-0216	EA	1/2" Depth, Type FD, Deep, Two Gang Cast Aluminum Box Note: One hub.	133.82	35.28
26 05 33 16-0217	EA	3/4" Depth, Type FD, Deep, Two Gang Cast Aluminum Box Note: One hub.	154.73	41.70
26 05 33 16-0218	EA	1/2" Depth, Type FDC, Deep, Two Gang Cast Aluminum Box Note: Two hubs.	170.33	48.11
26 05 33 16-0219	EA	3/4" Depth, Type FDC, Deep, Two Gang Cast Aluminum Box Note: Two hubs.	192.50	57.73
26 05 33 16-0220	EA	1/2" Depth, Type FDC, Deep, Two Gang Cast Aluminum Box Note: Two hubs.	170.33	48.11
26 05 33 16-0221	EA	3/4" Depth, Type FDC, Deep, Two Gang Cast Aluminum Box Note: Two hubs.	192.50	57.73
26 05 33 16-0222		Shallow, Three Gang Cast Aluminum Boxes *(26 05 33 16-0171)* Note: Up to 2" deep boxes.		
26 05 33 16-0223	EA	1/2" Depth, Type FSC, Shallow, Three Gang Cast Aluminum Box Note: Two hubs.	178.64	51.32
26 05 33 16-0224	EA	3/4" Depth, Type FSC, Shallow, Three Gang Cast Aluminum Box Note: Two hubs.	199.91	60.94
26 05 33 16-0225		Deep, Three Gang Cast Aluminum Boxes *(26 05 33 16-0171)* Note: >2" deep boxes.		
26 05 33 16-0226	EA	3/4" Depth, Type FD, Deep, Three Gang Cast Aluminum Box Note: One hub.	205.82	44.90
26 05 33 16-0227	EA	1" Depth, Type FD, Deep, Three Gang Cast Aluminum Box Note: One hub.	228.71	54.52
26 05 33 16-0228		Poke Thru Units *(26 05 33 16)*		
26 05 33 16-0229		Surface Poke Thru Units *(26 05 33 16-0228)* Note: Excludes concrete drilling.		
26 05 33 16-0230	EA	Single 20 Amperes, Duplex Receptacle RC3 Power And Communications Poke Thru Unit Note: Tile or carpet with brushed aluminum flange with black non-metallic cover. Excludes communication jacks. Wiremold RC3ATCAL.	532.30	48.11

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0231	EA	Retrofit Kit Upgrades Existing RC3 Series Power And Communications Poke Thru Unit To Meet Scrub Water Requirements Note: Includes 20 Amp duplex receptacle. Tile or carpet with brushed aluminum flange with black non-metallic cover. Wiremold RC3KTCAL.	340.21	
26 05 33 16-0232	EA	20 Amperes, Replacement Duplex Receptacle For RC3 Series Power And Communications Poke Thru Unit Note: Wiremold RC37REC.	48.50	12.83
26 05 33 16-0233	EA	Abandonment Plate For RC3 Series Power And Communications Poke Thru Unit Note: Wiremold RC3APTCBK.	57.23	6.41
26 05 33 16-0234	EA	Four 20 Amperes, Receptacles RC4 Power And Communications Poke Thru Unit Note: Tile or carpet with brushed aluminum flange with black non-metallic cover. Excludes communication jacks. Wiremold RC4ATCAL.	601.56	51.32
26 05 33 16-0235	EA	Retrofit Kit Upgrades Existing RC4 Series Power And Communications Poke Thru Unit To Meet Scrub Water Requirements Note: Includes two 20 Amp duplex receptacles. Tile or carpet with brushed aluminum flange with black non-metallic cover. Excludes communication jacks. Wiremold RC4KTCAL.	318.86	
26 05 33 16-0236	EA	Two 20 Amperes, Replacement Duplex Receptacles For RC4 Series Power And Communications Poke Thru Unit Note: Wiremold RC4REC2.	82.72	19.24
26 05 33 16-0237	EA	Abandonment Plate For RC4 Series Power And Communications Poke Thru Unit Note: Wiremold RC4APTCBK.	57.23	6.41
26 05 33 16-0238	EA	Abandonment Plug For RC4 Series Power And Communications Poke Thru Unit Note: Wiremold ABPLUG4.	165.89	12.83
26 05 33 16-0239	EA	Four Jack RC9AMD Communications Poke Thru Unit Note: Tile or carpet with brushed aluminum flange with black non-metallic cover. Includes bezels to accept four Ortronics TracJack inserts and two Ortronics Series II inserts. Excludes communication jacks. Wiremold RC9AMDTCAL.	476.67	44.90
26 05 33 16-0240	EA	Abandonment Plate For RC9 Series Communications Poke Thru Unit Note: Wiremold RC9APTCBK.	40.07	6.41
26 05 33 16-0241	EA	Eight Jack AMD8 Communications Poke Thru Unit Note: Tile or carpet with brushed aluminum flange with black non-metallic cover. Includes bezels to accept eight Ortronics TracJack inserts and four Ortronics Series II inserts. Excludes communication jacks. Wiremold AMD8ATCAL.	474.50	44.90
26 05 33 16-0242	EA	Communication Conduit Adapter For Poke Thru Units Note: Includes two conduit connections for communication systems. Wiremold COM75.	55.35	6.41
26 05 33 16-0243		**Recessed Poke Thru Units** *(26 05 33 16-0228)* Note: Excludes concrete drilling.		
26 05 33 16-0244		**Evolution 6AT Poke Thru Units** *(26 05 33 16-0243)* Note: Excludes concrete drilling.		
26 05 33 16-0245	EA	Recessed Prewired Assembly With Surface Style Cover (Wiremold 6ATCP) Note: For carpet, tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	845.48	51.32
26 05 33 16-0246	EA	Recessed Prewired Assembly With Flush Style Cover (Wiremold 6ATP) Note: For tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	845.58	51.32
26 05 33 16-0247	EA	Recessed Assembly With Surface Style Cover (Wiremold 6ATC) Note: For carpet, tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Diecast aluminum cover is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	806.30	51.32
26 05 33 16-0248	EA	Recessed Assembly With Flush Style Cover (Wiremold 6AT) Note: For tile, wood or laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	806.30	51.32
26 05 33 16-0249	EA	Recessed Prewired Audio/Video Assembly With Surface Style Cover (Wiremold 6ATCPA) Note: For carpet, tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	845.48	51.32
26 05 33 16-0250	EA	Recessed Prewired Audio/Video Assembly With Flush Style Cover (Wiremold 6ATPA) Note: For tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	845.48	51.32
26 05 33 16-0251	EA	Recessed Furniture Feed Assembly With Surface Style Cover (Wiremold 6ATCFF) Note: For carpet, tile, wood and laminate floors. For use in 6" diameter cored hole. Die-cast aluminum cover assembly provides one (1) 3/4" trade size screw plug opening and one (1) concentric 2" to 1 1/4" trade size screw plug opening and is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	773.13	51.32
26 05 33 16-0252	EA	Recessed Assembly With Disposable Plate (Wiremold 6STC) Note: Includes 6" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. No device plates are included. For use with the following cover assemblies (purchased separately): 6CTC, 6CT, and 6CFFTC Series.	487.77	48.11
26 05 33 16-0253	EA	Recessed Prewired Audio/Video Assembly With Disposable Plate (Wiremold 6STCPAV) Note: Includes 6" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. For use with the following cover assemblies(purchased separately): 6CTC and 6CT Series.	522.43	48.11
26 05 33 16-0254	EA	Recessed Prewired Assembly With Disposable Plate (Wiremold 6STCP) Note: Includes 6" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. For use with the following cover assemblies (purchased separately): 6CTC and 6CT Series.	525.86	48.11
26 05 33 16-0255	EA	6" Pre-Pour Poke-Thru Sleeve (Wiremold 6PPS) Note: Non-metallic sleeve attaches to structural decking and maintains 6" to 6-1/8" diameter cast in core hole. Unit includes three (3) attachment legs, two (2) end caps and three (3) thumb screws.	151.36	25.66

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0256	EA	Surface Style Cover Assembly (Wiremold 6CTC) Note: Die-cast aluminum cover assembly. Cover assembly is available in the following finishes: black (BK), gray (GY), nickel (NK), brass (BS), and bronze (BZ). 6CTC Series cover assemblies designed for use with 6STC, 6STCP, and 6STCPAV Poke-Thru Stem Assemblies.	339.27	12.83
26 05 33 16-0257	EA	Flush Style Cover Assembly (Wiremold 6CT) Note: Die-cast aluminum cover assembly. Cover assembly is available in the following finishes: black (BK), gray (GY), nickel (NK), brass (BS), and bronze (BZ). 6CT Series cover assemblies designed for use with 6STC, 6STCP and 6STCPAV Poke-Thru Stem Assemblies. Includes one (1) 6TS Tile Shim.	339.27	12.83
26 05 33 16-0258	EA	Furniture Feed Cover Assembly (Wiremold 6CFFTC) Note: Surface style, die-cast aluminum cover assembly, with one (1) 3/4" trade size screw plug opening, and one (1) concentric 2" to 1-1/4" trade size screw plug opening. Cover assembly is available in finishes: black (BK), gray(GY), nickel (NK), brass (BS), and bronze (BZ). 6CFFTC Series Cover Assemblies designed for use with 6STC Poke- Thru Stem Assembly. Includes one (1) 3/4" and one (1) 2" trade size conduit fittings and one (1) divider to separate services.	282.44	12.83
26 05 33 16-0259	EA	Tile Shim (Wiremold 6TS) Note: Used for floor coverings greater than 5/16" The 6TS will allow the top surface of the cover to be flush with the finished floor. Includes: two (2) 1/8" thick shims and two (2) 1/16" thick shims. Up to a total of 3/8" of adjustment.	41.11	3.21
26 05 33 16-0260	EA	Device Mounting Plate (Wiremold 6AAP) Note: Device plate that will accept up to two (2) Extron® Electronics AAP style plates. For use in the center compartment only. Devices supplied by others.	21.07	6.41
26 05 33 16-0261	EA	Device Mounting Plate (Wiremold 6ACT8A) Note: Device plate that will accept up to eight (8) ports of communication devices. For use in the center compartment only. Devices supplied by others.	24.15	6.41
26 05 33 16-0262	EA	Device Mounting Plate (Wiremold 6B) Note: Device plate used to blank off center compartment, when no devices are used.	20.98	6.41
26 05 33 16-0263	EA	Device Mounting Plate (Wiremold 6DEC) Note: Device plate that will accept Decorator style devices such as 20 amperes receptacles, GFCIs, 106 adapters or A/V devices. For use in the center compartment only. Devices supplied by others.	21.04	6.41
26 05 33 16-0264	EA	Device Mounting Plate (Wiremold 6DP) Note: Device plate that will accept standard 20 amperes duplex receptacle or duplex Turnlok receptacle. For use in the center compartment only. Devices supplied by others.	20.91	6.41
26 05 33 16-0265	EA	Device Mounting Plate (Wiremold 6MAAP) Note: Device plate that will accept up to six (6) Extron® Electronics MAAP style plates. For use in the center compartment only. Devices supplied by others.	24.48	6.41
26 05 33 16-0266	EA	Device Mounting Plate (Wiremold 6MAAP2A) Note: Combination device plate that will accept up to three (3) Extron® Electronics MAAP style plates, and up to two (2) ports of communication devices. For use in the center compartment only. Devices supplied by others.	24.23	6.41
26 05 33 16-0267	EA	Mosaic Mounting Plate (Wiremold 6MOS) Note: Device plate will accept two (2) standard [45mm x 45mm] or one (1) standard [45mm x 90mm] Mosaic style device(s). Devices supplied by others.	24.79	6.41
26 05 33 16-0268	EA	Device Mounting Plate (Wiremold 6S1) Note: Receptacle opening 1 3/8". For 6" poke-thru units only.	20.61	6.41
26 05 33 16-0269	EA	Device Mounting Plate (Wiremold 6S2) Note: Receptacle opening 1 9/16". For 6" poke-thru units only.	20.63	6.41
26 05 33 16-0270	EA	Device Mounting Plate (Wiremold 6SER) Note: Device plate that will accept up to four (4) Ortronics® Series II dual modular inserts. For use in the center compartment only. Devices supplied by others.	20.36	6.41
26 05 33 16-0271	EA	Device Mounting Plate (Wiremold 6TRAC) Note: Device plate that will accept up to eight (8) Ortronics® TracJack devices. For use in the center compartment only. Devices supplied by others.	20.36	6.41
26 05 33 16-0272	EA	20 Amperes, Duplex Receptacles (Wiremold 68REC) Note: Two (2) proprietary 20 amperes duplex power receptacles with mounting plates. Designed to fit in either of the two side compartments in both the 6ATC and the 8ATC Series Poke-Thru Devices. Receptacle can be wired as a standard or isolated ground device.	47.94	9.62
26 05 33 16-0273	EA	Device Mounting Plate (Wiremold 68B) Note: Blank plate. Used to blank off either of the side compartments when no devices or cabling are to be used.	18.74	6.41
26 05 33 16-0274	EA	Device Mounting Plate (Wiremold 68MAAP) Note: Device plate that will accept up to two (2) Extron® Electronics MAAP device plates. For use in either of the two side compartments only. Not for use in the center compartment. Extron Devices supplied by others.	19.18	6.41
26 05 33 16-0275	EA	20 Amperes, Duplex Receptacles (Wiremold 68REC-25) Note: Two (2) proprietary 20 amperes duplex power receptacles with mounting plates and 25' leads. Designed to fit in either of the two side compartments in both the 6ATC and the 8ATC Series Poke-Thru Devices. Receptacle can be wired as a standard or isolated	147.25	11.54
26 05 33 16-0276	EA	Device Mounting Plate (Wiremold 682A) Note: Device plate that will accept up to two (2) ports of communication devices. For use in either of the two side compartments only. Not for use in the center compartment. Communication devices supplied by others.	23.95	6.41
26 05 33 16-0277	EA	Bottom Housing Assembly (Wiremold 5PTHA) Note: Half-gang pass through housing assembly. Designed to allow pass through of communication cables when no conduit is required. For use on side compartments only.	24.90	6.41
26 05 33 16-0278	EA	Bottom Housing Assembly (Wiremold 5BLH) Note: Half-gang blank housing assembly. Designed to blank off compartment when no cable pass through is required. For use on side compartments only. Includes tunnels for 6" and 8" poke-thru devices.	25.58	6.41
26 05 33 16-0279	EA	Bottom Housing Assembly (Wiremold 152CHA) Note: One and a half-gang 2" trade size conduit housing assembly. Recommended for use with furniture feed devices (6ATCFF). Covers the center compartment and one of the side compartments.	39.86	12.83
26 05 33 16-0280	EA	Bottom Housing Assembly (Wiremold 575CHA) Note: Half-gang 3/4" trade size conduit housing assembly. Includes junction box attached to 3/4" trade size conduit for electrical power connections. For use on side compartments only.	45.92	16.03
26 05 33 16-0281	EA	Bottom Housing Assembly (Wiremold 175CHA) Note: One-gang 3/4" trade size conduit housing assembly. Includes junction box attached to 3/4" trade size conduit for electrical power connections.	50.33	16.03
26 05 33 16-0282	EA	Bottom Housing Assembly (Wiremold 1125CHA) Note: One-gang 1 1/4" trade size conduit housing assembly.	38.37	12.83

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0283	EA	Bottom Housing Assembly (Wiremold 1PTHA) Note: One-gang pass through housing assembly. Designed to allow pass through of communication cables when no conduit is required.	24.74	6.41
26 05 33 16-0284	EA	Bottom Housing Assembly (Wiremold 1BLH) Note: One-gang blank housing assembly. Designed to blank off compartment when no cable pass through is required.	24.74	6.41
26 05 33 16-0285	EA	Bottom Housing Assembly (Wiremold 15FFHA) Note: One and a half-gang pass through conduit housing assembly. Used for furniture feed applications on the center compartment only. Only for use with 6AT Series units.	26.01	6.41
26 05 33 16-0286	EA	Bottom Housing Assembly (Wiremold 1BHA) Note: One-gang bottom housing assembly. Designed to accept 175CHA, 1125CHA, 1PTHA, and 1BLH plates.	26.86	6.41
26 05 33 16-0287		Evolution 8AT Poke Thru Units *(26 05 33 16-0243)* Note: Excludes concrete drilling.		
26 05 33 16-0288	EA	Recessed Prewired Assembly With Surface Style Cover (Wiremold 8ATCP) Note: For carpet, tile, wood and laminate floors. For use in 8" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	1,106.13	51.32
26 05 33 16-0289	EA	Recessed Prewired Assembly With Flush Style Cover (Wiremold 8ATP) Note: For tile, wood and laminate floors. For use in 8" diameter cored hole. Devices are recessed 3 1/4" [83mm] below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	1,053.25	51.32
26 05 33 16-0290	EA	Recessed Prewired Assembly With Flush Style Cover (Wiremold 8AT2P) Note: For tile, wood and laminate floors. For use in 8" diameter cored hole. Devices are recessed 3 1/4" [83mm] below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	1,118.10	51.32
26 05 33 16-0291	EA	Recessed Assembly With Surface Style Cover (Wiremold 8ATC) Note: For carpet, tile, wood and laminate floors. For use in 8" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Diecast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	1,043.30	51.32
26 05 33 16-0292	EA	Recessed Assembly With Flush Style Cover (Wiremold 8AT) Note: For tile, wood and laminate floors. For use in 8" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Diecast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	1,033.87	51.32
26 05 33 16-0293	EA	Recessed Assembly With Disposable Plate (Wiremold 8STC) Note: Includes 8" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. For use with the following cover assemblies (purchased separately): 8CTC and 8CT Series.	627.68	48.11
26 05 33 16-0294	EA	Recessed Prewired Assembly With Disposable Plate (Wiremold 8STCP) Note: Includes 8" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. For use with the following cover assemblies (purchased separately): 8CTC and 8CT Series.	702.18	48.11
26 05 33 16-0295	EA	8" Pre-Pour Poke-Thru Sleeve (Wiremold 8PPS) Note: Non-metallic sleeve attaches to structural decking and maintains 8" to 8 1/8" diameter cast in core hole. Unit includes three (3) attachment legs, two (2) end caps and three (3) thumb screws.	180.43	25.66
26 05 33 16-0296	EA	Surface Style Cover Assembly (Wiremold 8CTC) Note: Die-cast aluminum cover assembly. Cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze. 8CTC Series Cover Assemblies designed for use with 8STC and 8STCP Poke-Thru Stem Assemblies.	366.70	12.83
26 05 33 16-0297	EA	Flush Style Cover Assembly (Wiremold 8CT) Note: Die-cast aluminum cover assembly. Cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze. 8CTC Series Cover Assemblies designed for use with 8STC and 8STCP Poke-Thru Stem Assemblies. Includes one (1) 8TS Tile Shim.	366.70	12.83
26 05 33 16-0298	EA	Tile Shim (Wiremold 8TS) Note: Used for floor coverings greater than 5/16". The 8TS will allow the top surface of the cover to be flush with the finished floor. Includes: two (2) 1/8" thick shims and two (2) 1/16" thick shims. Up to a total of 3/8" [9.5mm] of adjustment.	63.73	3.21
26 05 33 16-0299	EA	Device Mounting Plate (Wiremold 8B) Note: Singlegang device plate used to blank off any one (1) of the three (3) gangs in the center compartment, when no devices are used.	21.73	6.41
26 05 33 16-0300	EA	Device Mounting Plate (Wiremold 8DP) Note: Singlegang device plate that accepts standard 20 amperes duplex receptacle or a duplex Turnlok receptacle. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	21.85	6.41
26 05 33 16-0301	EA	Device Mounting Plate (Wiremold 8DEC) Note: Singlegang device plate that will accept Decorator style devices such as 20 amperes receptacles, GGCIs, 106 adapters or A/V devices. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	21.98	6.41
26 05 33 16-0302	EA	Device Mounting Plate (Wiremold 8ACT6A) Note: Singlegang device plate that will accept up to six (6) ports of communication devices. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	25.29	6.41
26 05 33 16-0303	EA	Mosaic Mounting Plate (Wiremold 8MOS) Note: Device plate accepts three (3) standard Mosaic devices. Devices supplied by others.	30.37	6.41
26 05 33 16-0304	EA	Crestron Double Gang Plate (Wiremold 8CREST) Note: Device plate accepts Crestron double-gang decorator style devices.	30.33	6.41
26 05 33 16-0305	EA	Device Mounting Plate (Wiremold 8S1) Note: Receptacle opening 1 3/8". For 8" poke-thru units only.	21.11	6.41
26 05 33 16-0306	EA	Device Mounting Plate (Wiremold 8S2) Note: Receptacle opening 1 9/16". For 8" poke-thru units only.	21.37	6.41
26 05 33 16-0307	EA	Device Mounting Plate (Wiremold 8TRAC) Note: Singlegang device plate that will accept up to six (6) Ortronics TracJack devices. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	21.11	6.41
26 05 33 16-0308	EA	Device Mounting Plate (Wiremold 8SER) Note: Singlegang device plate that will accept up to three (3) Ortronics Series II dual modular inserts. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	21.11	6.41

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0309	EA	Device Mounting Plate (Wiremold 8MAAP) Note: Singlegang device plate that will accept up to four (4) Extron® Electronics MAAP style plates. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	29.92	6.41
26 05 33 16-0310	EA	Device Mounting Plate (Wiremold 8AAP) Note: Twogang device plate that will accept up to four (4) Extron® Electronics AAP style plates. 8AAP takes up 2 of the 3 gangs in the center compartment. Devices supplied by others.	25.14	6.41
26 05 33 16-0311	EA	8" Divider (Wiremold 8DIV) Note: Divider allows for separation of services when required.	28.80	6.41
26 05 33 16-0312	EA	Bottom Housing Assembly (Wiremold 22CHA) Note: Two-gang 2" trade size conduit housing assembly. Used on 8AT Series devices. Covers two (2) of the three (3) gangs in the center compartment. Only for use with 8AT Series units.	39.86	12.83

26 05 33 23 Surface Raceways for Electrical Systems *(26 05 33)*

26 05 33 23-0001 Raceways *(26 05 33 23)*

26 05 33 23-0002 Wireway With Screw Cover *(26 05 33 23-0001)*

Note: Also known as wire trough. Galvanized steel construction. Mounted exposed on flat wall surface.

26 05 33 23-0003 2-1/2" x 2-1/2", Wireway With Screw Cover *(26 05 33 23-0002)*

26 05 33 23-0004	LF	2-1/2" x 2-1/2", NEMA 1, Surface Mounted Wireway With Screw Cover	28.57	5.86
		For Combination Hinged Screw Cover, Add	*0.84*	
		For Concrete Or Masonry Surface, Add	*0.59*	
26 05 33 23-0005	EA	2-1/2" x 2-1/2", End Plate For Surface Mounted Wireway With Screw Cover	23.69	8.79
		For Combination Hinged Screw Cover, Add	*0.31*	
26 05 33 23-0006	EA	2-1/2" x 2-1/2", Coupling For Surface Mounted Wireway With Screw Cover	28.03	10.96
		For Combination Hinged Screw Cover, Add	*0.31*	
26 05 33 23-0007	EA	2-1/2" x 2-1/2", Panel Adapter For Surface Mounted Wireway With Screw Cover	58.94	20.51
		For Combination Hinged Screw Cover, Add	*0.90*	
26 05 33 23-0008	EA	2-1/2" x 2-1/2", Elbow For Surface Mounted Wireway With Screw Cover	94.61	20.51
		For Combination Hinged Screw Cover, Add	*2.68*	
26 05 33 23-0009	EA	2-1/2" x 2-1/2", Tee For Surface Mounted Wireway With Screw Cover	140.10	29.19
		For Combination Hinged Screw Cover, Add	*4.09*	
26 05 33 23-0010	EA	2-1/2" x 2-1/2", Cross For Surface Mounted Wireway With Screw Cover	157.26	32.24
		For Combination Hinged Screw Cover, Add	*4.64*	

26 05 33 23-0011 4" x 4", Wireway With Screw Cover *(26 05 33 23-0002)*

26 05 33 23-0012	LF	4" x 4", NEMA 1, Surface Mounted Wireway With Screw Cover	34.99	7.39
		For Combination Hinged Screw Cover, Add	*1.02*	
		For Concrete Or Masonry Surface, Add	*0.73*	
26 05 33 23-0013	LF	4" x 4", NEMA 3R, Surface Mounted Wireway With Screw Cover	62.66	7.39
		For Combination Hinged Screw Cover, Add	*2.40*	
		For Concrete Or Masonry Surface, Add	*0.73*	
26 05 33 23-0014	EA	4" x 4", End Plate For Surface Mounted Wireway With Screw Cover	19.26	6.45
		For Combination Hinged Screw Cover, Add	*0.32*	
26 05 33 23-0015	EA	4" x 4", Coupling For Surface Mounted Wireway With Screw Cover	30.99	12.31
		For Combination Hinged Screw Cover, Add	*0.32*	
26 05 33 23-0016	EA	4" x 4", Panel Adapter For Surface Mounted Wireway With Screw Cover	69.63	25.08
		For Combination Hinged Screw Cover, Add	*0.97*	
26 05 33 23-0017	EA	4" x 4", Elbow For Surface Mounted Wireway With Screw Cover	108.85	25.08
		For Combination Hinged Screw Cover, Add	*2.93*	
26 05 33 23-0018	EA	4" x 4", Tee For Surface Mounted Wireway With Screw Cover	154.06	32.59
		For Combination Hinged Screw Cover, Add	*4.44*	
26 05 33 23-0019	EA	4" x 4", Cross For Surface Mounted Wireway With Screw Cover	177.99	38.09
		For Combination Hinged Screw Cover, Add	*5.09*	

26 05 33 23-0020 6" x 6", Wireway With Screw Cover *(26 05 33 23-0002)*

26 05 33 23-0021	LF	6" x 6", NEMA 1, Surface Mounted Wireway With Screw Cover	52.24	8.79
		For Combination Hinged Screw Cover, Add	*1.73*	
		For Concrete Or Masonry Surface, Add	*0.88*	
26 05 33 23-0022	LF	6" x 6", NEMA 3R, Surface Mounted Wireway With Screw Cover	100.77	8.79
		For Combination Hinged Screw Cover, Add	*4.16*	
		For Concrete Or Masonry Surface, Add	*0.88*	
26 05 33 23-0023	EA	6" x 6", End Plate For Surface Mounted Wireway With Screw Cover	24.32	7.04
		For Combination Hinged Screw Cover, Add	*0.51*	
26 05 33 23-0024	EA	6" x 6", Coupling For Surface Mounted Wireway With Screw Cover	39.56	14.66
		For Combination Hinged Screw Cover, Add	*0.51*	
26 05 33 23-0025	EA	6" x 6", Panel Adapter For Surface Mounted Wireway With Screw Cover	98.11	29.19
		For Combination Hinged Screw Cover, Add	*1.99*	
26 05 33 23-0026	EA	6" x 6", Elbow For Surface Mounted Wireway With Screw Cover	139.52	29.19
		For Combination Hinged Screw Cover, Add	*4.06*	
26 05 33 23-0027	EA	6" x 6", Tee For Surface Mounted Wireway With Screw Cover	218.87	36.46
		For Combination Hinged Screw Cover, Add	*7.30*	
26 05 33 23-0028	EA	6" x 6", Cross For Surface Mounted Wireway With Screw Cover	237.33	42.20
		For Combination Hinged Screw Cover, Add	*7.65*	

26 05 33 23-0029 8" x 8", Wireway With Screw Cover *(26 05 33 23-0002)*

26 05 33 23-0030	LF	8" x 8", NEMA 1, Surface Mounted Wireway With Screw Cover	84.09	9.61
		For Combination Hinged Screw Cover, Add	*3.25*	
		For Concrete Or Masonry Surface, Add	*0.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0031	LF	8" x 8", NEMA 3R, Surface Mounted Wireway With Screw Cover	153.19	9.61
		For Combination Hinged Screw Cover, Add	*6.70*	
		For Concrete Or Masonry Surface, Add	*0.96*	
26 05 33 23-0032	EA	8" x 8", End Plate For Surface Mounted Wireway With Screw Cover	26.78	7.62
		For Combination Hinged Screw Cover, Add	*0.58*	
26 05 33 23-0033	EA	8" x 8", Coupling For Surface Mounted Wireway With Screw Cover	43.19	15.83
		For Combination Hinged Screw Cover, Add	*0.58*	
26 05 33 23-0034	EA	8" x 8", Panel Adapter For Surface Mounted Wireway With Screw Cover	109.47	32.12
		For Combination Hinged Screw Cover, Add	*2.26*	
26 05 33 23-0035	EA	8" x 8", Elbow For Surface Mounted Wireway With Screw Cover	176.73	32.12
		For Combination Hinged Screw Cover, Add	*5.62*	
26 05 33 23-0036	EA	8" x 8", Tee For Surface Mounted Wireway With Screw Cover	263.04	39.62
		For Combination Hinged Screw Cover, Add	*9.19*	
26 05 33 23-0037	EA	8" x 8", Cross For Surface Mounted Wireway With Screw Cover	366.89	48.06
		For Combination Hinged Screw Cover, Add	*13.54*	

26 05 33 23-0038 10" x 10", Wireway With Screw Cover *(26 05 33 23-0002)*

26 05 33 23-0039	LF	10" x 10", NEMA 1, Surface Mounted Wireway With Screw Cover	121.96	11.14
		For Combination Hinged Screw Cover, Add	*4.98*	
		For Concrete Or Masonry Surface, Add	*1.12*	
26 05 33 23-0040	LF	10" x 10", NEMA 3R, Surface Mounted Wireway With Screw Cover	215.46	11.14
		For Combination Hinged Screw Cover, Add	*9.66*	
		For Concrete Or Masonry Surface, Add	*1.12*	
26 05 33 23-0041	EA	10" x 10", End Plate For Surface Mounted Wireway With Screw Cover	37.39	8.79
		For Combination Hinged Screw Cover, Add	*0.99*	
26 05 33 23-0042	EA	10" x 10", Coupling For Surface Mounted Wireway With Screw Cover	54.97	17.58
		For Combination Hinged Screw Cover, Add	*0.99*	
26 05 33 23-0043	EA	10" x 10", Panel Adapter For Surface Mounted Wireway With Screw Cover	145.68	34.93
		For Combination Hinged Screw Cover, Add	*3.79*	
26 05 33 23-0044	EA	10" x 10", Elbow For Surface Mounted Wireway With Screw Cover	279.12	34.93
		For Combination Hinged Screw Cover, Add	*10.46*	
26 05 33 23-0045	EA	10" x 10", Tee For Surface Mounted Wireway With Screw Cover	421.74	44.08
		For Combination Hinged Screw Cover, Add	*16.68*	
26 05 33 23-0046	EA	10" x 10", Cross For Surface Mounted Wireway With Screw Cover	601.07	49.82
		For Combination Hinged Screw Cover, Add	*25.07*	

26 05 33 23-0047 12" x 12", Wireway With Screw Cover *(26 05 33 23-0002)*

26 05 33 23-0048	LF	12" x 12", NEMA 1, Surface Mounted Wireway With Screw Cover	143.24	13.48
		For Combination Hinged Screw Cover, Add	*5.81*	
		For Concrete Or Masonry Surface, Add	*1.35*	
26 05 33 23-0049	LF	12" x 12", NEMA 3R, Surface Mounted Wireway With Screw Cover	237.21	13.48
		For Combination Hinged Screw Cover, Add	*10.51*	
		For Concrete Or Masonry Surface, Add	*1.35*	
26 05 33 23-0050	EA	12" x 12", End Plate For Surface Mounted Wireway With Screw Cover	49.04	9.37
		For Combination Hinged Screw Cover, Add	*1.51*	
26 05 33 23-0051	EA	12" x 12", Coupling For Surface Mounted Wireway With Screw Cover	67.80	18.75
		For Combination Hinged Screw Cover, Add	*1.51*	
26 05 33 23-0052	EA	12" x 12", Panel Adapter For Surface Mounted Wireway With Screw Cover	190.71	38.09
		For Combination Hinged Screw Cover, Add	*5.73*	
26 05 33 23-0053	EA	12" x 12", Elbow For Surface Mounted Wireway With Screw Cover	367.43	38.09
		For Combination Hinged Screw Cover, Add	*14.56*	
26 05 33 23-0054	EA	12" x 12", Tee For Surface Mounted Wireway With Screw Cover	473.75	46.88
		For Combination Hinged Screw Cover, Add	*19.00*	
26 05 33 23-0055	EA	12" x 12", Cross For Surface Mounted Wireway With Screw Cover	770.80	52.75
		For Combination Hinged Screw Cover, Add	*33.27*	

26 05 33 23-0056 Surface Metal Raceways *(26 05 33 23-0001)*

Note: Exposed on flat wall surface.

26 05 33 23-0057 One Piece Surface Metal Raceways *(26 05 33 23-0056)*

Note: Exposed installations on masonry, concrete block or drywall walls or ceilings. (Wiremold or approved equal).

26 05 33 23-0058 3/4" x 17/32" One Piece Surface Metal Raceways (Wiremold #500) *(26 05 33 23-0057)*

Note: Available in ivory.

26 05 33 23-0059	LF	3/4" x 17/32" One Piece Surface Metal Raceway (Wiremold #500)	5.17	1.75
		For Concrete Or Masonry Surface, Add	*0.18*	
26 05 33 23-0060	EA	Bushing (Wiremold #502)	5.08	2.35
26 05 33 23-0061	EA	One Or Two Hole Strap (Wiremold #504)	5.12	2.35
26 05 33 23-0062	EA	Connection Cover (Wiremold #506)	5.31	2.35
26 05 33 23-0063	EA	Flat 90 Degree Elbow (Wiremold #511)	8.07	2.82
26 05 33 23-0064	EA	Flat 45 Degree Elbow (Wiremold #512)	13.35	2.93
26 05 33 23-0065	EA	Adjustable Internal Elbow (Wiremold #517)	10.04	3.52
26 05 33 23-0066	EA	Adjustable External Elbow (Wiremold #518)	9.82	3.52

26 05 33 23-0067 3/4" x 21/32" One Piece Surface Metal Raceways (Wiremold #700) *(26 05 33 23-0057)*

Note: Available in ivory and white.

26 05 33 23-0068	LF	3/4" x 21/32" One Piece Surface Metal Raceway (Wiremold #700)	6.54	2.35
		For Concrete Or Masonry Surface, Add	*0.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0069	EA	Bushing (Wiremold #702)	5.21	2.35
26 05 33 23-0070	EA	One Or Two Hole Strap (Wiremold #704)	5.37	2.35
26 05 33 23-0071	EA	Connection Cover (Wiremold #706)	5.42	2.35
26 05 33 23-0072	EA	Flat 90 Degree Elbow (Wiremold #711)	11.91	4.69
26 05 33 23-0073	EA	Flat 45 Degree Elbow (Wiremold #712)	18.67	4.69
26 05 33 23-0074	EA	Adjustable Internal Elbow (Wiremold #717)	12.84	4.69
26 05 33 23-0075	EA	Adjustable External Elbow (Wiremold #718)	12.42	4.69
26 05 33 23-0076		One Piece Surface Metal Raceways Fittings (Wiremold #500 And 700 Fittings) *(26 05 33 23-0057)*		
		Note: Available in ivory.		
26 05 33 23-0077	EA	18" Flex Fitting, For #500 Or 700 (Wiremold #5700F)	35.27	3.52
26 05 33 23-0078	EA	Galvanized Coupling For #500 Or 700 (Wiremold #5701)	5.35	2.35
26 05 33 23-0079	EA	Supporting Clip, For #500 Or 700 (Wiremold #5703)	5.35	2.35
26 05 33 23-0080	EA	Ground Clamp (Wiremold #5709)	15.43	3.52
26 05 33 23-0081	EA	Grounding Connector (Wiremold #5709GC)	13.05	3.52
26 05 33 23-0082	EA	L Or R (Left Or Right) Twisted Internal Ell (Wiremold #5711)	14.84	4.69
26 05 33 23-0083	EA	Tee (Wiremold #5715)	16.71	5.86
26 05 33 23-0084	EA	2-1/2" x 2-3/8" x 2-1/2" Corner Box (Wiremold #5719)	28.91	4.69
26 05 33 23-0085	EA	Utility Box For #500 Or #700 (Wiremold #57242)	22.28	4.69
26 05 33 23-0086	EA	2-3/8" Diameter, Blank Cover (Wiremold #5731)	11.99	2.93
26 05 33 23-0087	EA	3" Diameter, Outlet Box (Wiremold #5733)	27.55	4.69
26 05 33 23-0088	EA	4-3/4" Square x 1-3/8" Deep, Distribution Box (Wiremold #5735)	27.44	4.69
26 05 33 23-0089	EA	4-3/8" Blank Cover (Wiremold #5736)	12.70	2.93
26 05 33 23-0090	EA	4-3/4" Diameter, Extension Box/Open Base (Wiremold #5737)	24.94	4.69
26 05 33 23-0091	EA	5-1/2" Diameter, Extension Box/Open Base (Wiremold #5737A)	24.07	4.69
26 05 33 23-0092	EA	4-3/4" Diameter, Fixture Box/Solid Base (Wiremold #5738)	24.28	4.69
26 05 33 23-0093	EA	5-1/2" Diameter, Fixture Box/Solid Base (Wiremold #5738A)	24.28	4.69
26 05 33 23-0094	EA	5-1/2" Diameter, Fan Box/Solid Base (Wiremold #5738AF)	27.44	4.69
26 05 33 23-0095	EA	6-3/8" Diameter, Fixture Box/Solid Base (Wiremold #5739)	27.11	4.69
26 05 33 23-0096	EA	6-3/8" Diameter, Extension Box/Open Base (Wiremold #5739A)	28.92	4.69
26 05 33 23-0097	EA	Standard Switch Box For #500, Or #700 (Wiremold #57240)	32.67	7.62
26 05 33 23-0098	EA	Duplex Receptacle And Box, Ground, For #500 Or #700 (Wiremold #57243G)	51.73	14.66
26 05 33 23-0099	EA	2-13/16" x 4-5/8" x 1-3/8" Switch And Receptacle Box For Shallow Type Switches (Wiremold #5741)	24.70	7.62
26 05 33 23-0100	EA	1 Gang, 4-5/8" x 2-7/8" x 2-3/4" Extra Deep Switch And Receptacle Box (Wiremold #5744)	39.06	7.62
26 05 33 23-0101	EA	2 Gang, 4-3/4" x 4-3/4" x 2-3/4" Extra Deep Switch And Receptacle Box (Wiremold #5744-2)	44.76	7.62
26 05 33 23-0102	EA	3 Gang, 4-5/8" x 6-1/2" x 2-3/4" Extra Deep Switch And Receptacle Box (Wiremold #5744-3)	67.94	7.62
26 05 33 23-0103	EA	1 Gang, Signal Box (Wiremold #5744S)	35.38	6.45
26 05 33 23-0104	EA	2 Gang, Signal Box (Wiremold #5744S-2)	39.49	6.45
26 05 33 23-0105	EA	3 Gang, Signal Box (Wiremold #5744S-3)	63.31	6.45
26 05 33 23-0106	EA	4-5/8" x 2-7/8" x 1-3/4" Combination Switch And Receptacle Box With 1/2" KO's (Wiremold #5745)	25.79	7.62
26 05 33 23-0107	EA	4-5/8" x 2-7/8" x 1-3/8", 1 Gang, Shallow Switch And Receptacle Box For Standard Shallow Devices (Wiremold #5747)	22.68	7.62
26 05 33 23-0108	EA	4-3/4" x 4-3/4" x 1-3/8", 2 Gang, Shallow Switch And Receptacle Box For Standard Shallow Devices (Wiremold #5747-2)	31.89	7.62
26 05 33 23-0109	EA	4-5/8" x 6-1/2" x 2-3/4", 3 Gang, Shallow Switch And Receptacle Box For Standard Shallow Devices (Wiremold #5747-3)	62.01	7.62
26 05 33 23-0110	EA	4-5/8" x 2-7/8" x 1-3/4", 1 Gang, Switch And Receptacle Box For Deep Devices (Wiremold #5748)	24.24	7.62
26 05 33 23-0111	EA	4-3/4" x 4-3/4" x 1-3/4", 2 Gang, Switch And Receptacle Box For Deep Devices (Wiremold #5748-2)	33.75	7.62
26 05 33 23-0112	EA	4-5/8" x 6-1/2" x 1-3/4", 3 Gang, Switch And Receptacle Box For Deep Devices (Wiremold #5748-3)	60.27	7.62
26 05 33 23-0113	EA	4-5/8" x 8-11/32" x 1-3/4", 4 Gang, Switch And Receptacle Box For Deep Devices (Wiremold #5748-4)	89.45	7.62
26 05 33 23-0114	EA	4-5/8" x 10-5/32" x 1-3/4", 5 Gang, Switch And Receptacle Box For Deep Devices (Wiremold #5748-5)	147.47	7.62
26 05 33 23-0115	EA	4-5/8" x 11-31/32" x 1-3/4", 6 Gang, Switch And Receptacle Box For Deep Devices (Wiremold #5748-6)	150.06	7.62
26 05 33 23-0116	EA	4-3/8" x 2-7/8" x 15/16" Shallow Switch And Receptacle Box For Shallow Duplex Devices (Wiremold #5748-S)	23.94	7.62
26 05 33 23-0117	EA	4-5/8" x 2-7/8" x 15/16", 1 Gang, Flush-Type Extension Adapter (Wiremold #5751)	23.28	7.62
26 05 33 23-0118	EA	4-3/4" x 4-3/4" x 15/16", 2 Gang, Flush-Type Extension Adapter (Wiremold #5751-2)	30.96	7.62
26 05 33 23-0119	EA	4-5/8" x 6-1/2" x 15/16", 3 Gang, Flush-Type Extension Adapter (Wiremold #5751-3)	60.86	7.62
26 05 33 23-0120	EA	4-5/8" x 2-7/8" x 1-3/4", 1 Gang, Deep Flush-Type Extension Adapter (Wiremold #5751A)	25.16	7.62
26 05 33 23-0121	EA	4-11/16" x 4-11/16" x 1-3/8", 2 Gang, Alarm Device Box (Wiremold #5752)	32.57	7.62
26 05 33 23-0122	EA	4-11/16" x 4-11/16" x 2-3/4", 2 Gang, Extra Deep Alarm Device Box (Wiremold #5753)	46.91	7.62
26 05 33 23-0123	EA	Blank Extension Box (Wiremold #5760)	16.30	2.93
26 05 33 23-0124	EA	1/2" Special Nipple (Wiremold #5780)	15.53	2.93
26 05 33 23-0125	EA	1/2" Box Connector (Wiremold #5781)	10.33	2.93
26 05 33 23-0126	EA	3/4" Box Connector (Wiremold #5781A)	19.49	3.52
26 05 33 23-0127	EA	1/2" Conduit Connector (Wiremold #5782)	10.42	2.93
26 05 33 23-0128	EA	3/4" Conduit Connector (Wiremold #5782A)	24.42	3.52
26 05 33 23-0129	EA	1/2" Elbow Conduit Connector (Wiremold #5784)	21.87	3.52
26 05 33 23-0130	EA	Combination Connector, To Any 3-1/4" Or 4" Outlet Box (Wiremold #5785)	12.17	3.52
26 05 33 23-0131	EA	Offset Connector (Wiremold #5786)	20.31	3.52
26 05 33 23-0132	EA	Armor Cable Connector (Wiremold #5790B)	10.58	2.93
26 05 33 23-0133	EA	1/2" Electrical Metallic Tubing (EMT) Connector, For #500 Or 700 (Wiremold #5791)	9.37	2.35
26 05 33 23-0134		1-9/16" x 11/32" One Piece Surface Metal Raceways (Wiremold #1500) *(26 05 33 23-0057)*		
		Note: Galvanized finish.		
26 05 33 23-0135	LF	1-9/16" x 11/32" One Piece Surface Metal Raceway (Wiremold #1500-10)	9.45	2.93
		For Concrete Or Masonry Surface, Add	*0.29*	
26 05 33 23-0136	EA	Wire Clip (Wiremold #1500WC)	5.87	2.35
26 05 33 23-0137	EA	Bushing (Wiremold #1502)	6.96	2.93
26 05 33 23-0138	EA	2-Hole Strap (Wiremold #1504)	7.87	3.52

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0139		EA	Flat Elbow (Wiremold #1511)	30.48	11.14
26 05 33 23-0140		EA	Internal Elbow (Wiremold #1517)	31.49	11.14
26 05 33 23-0141		EA	Adapter Fitting (Wiremold #1517B)	33.86	11.14
26 05 33 23-0142		EA	External Elbow (Wiremold #1518)	33.66	11.14
26 05 33 23-0143		EA	Utility Box (Wiremold #1528)	30.42	7.62
26 05 33 23-0144		EA	Junction Box (Wiremold #1542D)	31.37	7.62
26 05 33 23-0145		EA	Duplex Receptacle (Wiremold #1543GL)	61.47	14.66
26 05 33 23-0146		EA	Single Receptacle Box (Wiremold #1546A)	32.30	7.62
26 05 33 23-0147		EA	Duplex Receptacle Box (Wiremold #1546B)	39.52	7.62
26 05 33 23-0148		EA	Telephone Box (Wiremold #1546T)	38.77	7.62
26 05 33 23-0149		EA	Combination Connection (Wiremold #1585)	18.75	3.52
26 05 33 23-0150			2-7/32" x 28/32" One Piece Surface Metal Raceways (Wiremold #2600) *(26 05 33 23-0057)*		
			Note: Galvanized finish.		
26 05 33 23-0151		LF	2-7/32" x 28/32" One Piece Surface Metal Raceway (Wiremold #2600-10)	16.13	5.27
			For Concrete Or Masonry Surface, Add	*0.53*	
26 05 33 23-0152		EA	Wire Clip (Wiremold #2600WC)	6.03	2.35
26 05 33 23-0153		EA	Fiber Bushing (Wiremold #2602)	6.78	2.35
26 05 33 23-0154		EA	2-5/8", 90 Degree Flat Elbow (Wiremold #2611)	24.88	4.10
26 05 33 23-0155		EA	5" Diameter, Junction Box (Wiremold #2642D)	37.28	5.86
26 05 33 23-0156		EA	Service Fitting (Wiremold #2686FO)	36.37	7.04
26 05 33 23-0157			Two Piece Surface Metal Raceways *(26 05 33 23-0056)*		
			Note: Exposed installations on masonry, concrete block or drywall walls or ceilings. (Wiremold or approved equal).		
26 05 33 23-0158			1-9/32" x 3/4" Two Piece Surface Metal Raceways (Wiremold #2000) *(26 05 33 23-0157)*		
26 05 33 23-0159		LF	1-9/32" x 3/4" Two Piece Surface Metal Raceway Base And Cover (Wiremold #2000BC)	8.83	2.93
			For Concrete Or Masonry Surface, Add	*0.29*	
26 05 33 23-0160		EA	Wire Clip (Wiremold #2000WC)	4.29	2.35
26 05 33 23-0161		EA	Coupling (Wiremold #2001)	11.51	2.93
26 05 33 23-0162		EA	Supporting Clip (Wiremold #2003)	5.47	1.75
26 05 33 23-0163		EA	Cover Clip (Wiremold #2006)	5.09	1.75
26 05 33 23-0164		EA	Ground Clamp (Wiremold #2009)	12.97	2.93
26 05 33 23-0165		EA	Entrance End Fitting (Wiremold #2010A2)	26.08	8.79
26 05 33 23-0166		EA	Entrance End Fitting (Wiremold #2010A3)	44.12	11.72
26 05 33 23-0167		EA	Blank End Fitting (Wiremold #2010B)	7.01	2.93
26 05 33 23-0168		EA	Flat 90 Degree Elbow (Wiremold #2011)	22.44	7.62
26 05 33 23-0169		EA	Tee (Wiremold #2015)	40.74	11.02
26 05 33 23-0170		EA	Internal Corner Coupling (Wiremold #2017TC)	14.51	5.86
26 05 33 23-0171		EA	Single Gang Device Box (Wiremold #2048)	33.82	10.43
26 05 33 23-0172		EA	2-Gang device Box (Wiremold #2048-2)	52.65	11.61
26 05 33 23-0173		EA	Flush Plate Adapter (Wiremold #2051H)	36.69	11.61
26 05 33 23-0174		EA	Side Reducing Connector (Wiremold #2089)	29.71	5.86
26 05 33 23-0175		EA	#2089E End Reducing Connector	12.33	2.93
26 05 33 23-0176			1-7/8" x 7/8" Two Piece Surface Metal Raceways (Wiremold #2400) *(26 05 33 23-0157)*		
			Note: Available in gray enamel (G) or ivory (V).		
26 05 33 23-0177		LF	1-7/8" x 7/8" Two Piece Surface Metal Raceway Base (Wiremold #2400B)	7.64	2.93
			For Concrete Or Masonry Surface, Add	*0.29*	
26 05 33 23-0178		LF	1-7/8" x 7/8" Divided Two Piece Surface Metal Raceway Base (Wiremold #2400BD)	8.36	2.93
			For Concrete Or Masonry Surface, Add	*0.29*	
26 05 33 23-0179		LF	Raceway Cover (Wiremold #2400C)	3.00	0.58
26 05 33 23-0180		EA	Wire Clip (Wiremold #2400WC)	4.30	2.35
26 05 33 23-0181		EA	Coupling (Wiremold #2401)	11.44	2.93
26 05 33 23-0182		EA	Divided Raceway Coupling (Wiremold #2401D)	9.29	2.93
26 05 33 23-0183		EA	Cover Clip (Wiremold #2406)	5.16	1.75
26 05 33 23-0184		EA	Device Bracket Frame (Wiremold #2407-2CM)	37.98	8.79
26 05 33 23-0185		EA	Device Bracket Frame (Wiremold #2407-2TJ)	36.41	8.79
26 05 33 23-0186		EA	Ground Clamp (Wiremold #2409)	9.89	2.35
26 05 33 23-0187		EA	End Fitting (Wiremold #2410A)	25.20	8.79
26 05 33 23-0188		EA	Blank End (Wiremold #2410B)	7.08	2.93
26 05 33 23-0189		EA	Divided Blank End Fitting (Wiremold #2410BD)	7.17	2.93
26 05 33 23-0190		EA	Entrance End Fitting (Wiremold #2410C)	37.82	8.79
26 05 33 23-0191		EA	Divided Entrance End Fitting (Wiremold #2410D)	36.31	8.79
26 05 33 23-0192		EA	Divided Entrance End Fitting (Wiremold #2410DFO)	58.92	8.79
26 05 33 23-0193		EA	Full Cap Entrance End Fitting (Wiremold #2410FC)	45.36	8.79
26 05 33 23-0194		EA	Divided Flat 90 Degree Elbow (Wiremold #2411D)	28.15	8.79
26 05 33 23-0195		EA	Radiused Divided Flat 90 Degree Elbow (Wiremold #2411DFO)	44.53	8.79
26 05 33 23-0196		EA	Radiused Flat 90 Degree Elbow (Wiremold #2411FO)	39.97	8.67
26 05 33 23-0197		EA	Flat 90 Degree Elbow (Wiremold #2411M)	26.88	8.79
26 05 33 23-0198		EA	Radiused Divided Tee (Wiremold #2415DFO)	47.70	8.67
26 05 33 23-0199		EA	Radiused Tee (Wiremold #2415FO)	45.40	8.67
26 05 33 23-0200		EA	Tee (Wiremold #2415M)	31.68	8.67
26 05 33 23-0201		EA	Divided Internal Coupling (Wiremold #2417D)	26.58	8.67
26 05 33 23-0202		EA	Radiused Divided Internal Coupling (Wiremold #2417DFO)	41.24	8.67
26 05 33 23-0203		EA	Radiused Internal Coupling (Wiremold #2417FO)	40.04	8.67

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0204	EA	Internal Coupling (Wiremold #2417M)	25.78	8.67
26 05 33 23-0205	EA	Radiused Divided External Coupling (Wiremold #2418DFO)	44.75	8.67
26 05 33 23-0206	EA	Radiused External Coupling (Wiremold #2418FO)	44.04	8.67
26 05 33 23-0207	EA	External Coupling (Wiremold #2418M)	31.16	8.67
26 05 33 23-0208	EA	1 Gang, Extra Deep Switch And Receptacle (Wiremold #2444)	40.67	7.62
26 05 33 23-0209	EA	2 Gang, Extra Deep Switch And Receptacle Box (Wiremold #2444-2)	45.08	7.62
26 05 33 23-0210	EA	Over Raceway, Extra Deep Switch And Receptacle Box, 2 Gang (Wiremold #2444-2LS)	45.30	7.62
26 05 33 23-0211	EA	Divided, 1 Gang, Extra Deep Switch And Receptacle (Wiremold #2444D)	43.44	7.62
26 05 33 23-0212	EA	Divided, 2 Gang, Extra Deep Switch And Receptacle Box (Wiremold #2444D-2A)	61.02	7.62
26 05 33 23-0213	EA	Divided, Over Raceway, 2 Gang, Extra Deep Switch And Receptacle Box (Wiremold #2444D-2N)	53.80	7.62
26 05 33 23-0214	EA	4-5/8" x 2-7/8" x 1-3/4", 1 Gang, Switch And Receptacle Box For Shallow Devices (Wiremold #2448)	28.70	7.62
26 05 33 23-0215	EA	4-3/4" x 4-3/4" x 1-3/4", 2 Gang, Switch And Receptacle Box For Shallow Devices (Wiremold #2448-2)	44.10	7.62
26 05 33 23-0216	EA	Device Bracket Type Adapter Plate (Wiremold #2450)	13.61	2.93
26 05 33 23-0217	EA	4-1/2" x 4-1/2" Back Feed Fitting (Wiremold #2451H)	32.41	8.79
26 05 33 23-0218	EA	Bridge Fitting For 2400/700/500 (Wiremold #2475D)	94.92	8.79
26 05 33 23-0219	EA	Side Reducing Connector (Wiremold #2489)	27.82	4.69
26 05 33 23-0220		2-3/4" x 1-17/32" Two Piece Surface Metal Raceways (Wiremold #3000) *(26 05 33 23-0157)*		
		Note: Available in gray enamel (G) or ivory (V).		
26 05 33 23-0221	LF	2-3/4" x 1-17/32" Two Piece Surface Metal Raceway Base (Wiremold #3000B)	15.16	5.27
		For Concrete Or Masonry Surface, Add	*0.53*	
26 05 33 23-0222	LF	Raceway Cover (Wiremold #3000CE)	3.57	0.58
26 05 33 23-0223	EA	Wire Clips For Conductors (Wiremold #3000WC)	5.78	2.35
26 05 33 23-0224	EA	Couplings (Wiremold #3001)	14.97	2.35
26 05 33 23-0225	EA	Rigid Inside Coupling (Wiremold #3001A)	14.71	2.93
26 05 33 23-0226	EA	Supporting Clip (Wiremold #3003)	10.89	2.93
26 05 33 23-0227	EA	Clip Cover (Wiremold #3006E)	6.28	2.35
26 05 33 23-0228	EA	Device Brackets (Wiremold #3007C)	16.19	4.69
26 05 33 23-0229	EA	C-Hanger (Wiremold #3008C)	16.06	3.52
26 05 33 23-0230	EA	Entrance End Fitting For Connecting To 1/2" Conduit Or Armored Connectors (Wiremold #3010AE)	37.54	11.14
26 05 33 23-0231	EA	Blank End Fittings (Wiremold #3010B)	13.76	4.69
26 05 33 23-0232	EA	Entrance End Fitting For Connecting To Rigid Or Flexible Conduit (Wiremold #3010C)	41.51	11.14
26 05 33 23-0233	EA	Flat 90 Degree Elbow (Wiremold #3011E)	62.27	14.53
26 05 33 23-0234	EA	Wall Box Connector (Wiremold #3014C)	44.65	14.66
26 05 33 23-0235	EA	Tee Fitting (Wiremold #3015E)	85.52	18.16
26 05 33 23-0236	EA	Internal Corner Coupling (Wiremold #3017TCE)	40.57	11.14
26 05 33 23-0237	EA	External Corner (Wiremold #3018AE)	49.92	11.14
26 05 33 23-0238	EA	Single Receptacle Cover With Face Diameters Of 1.38" To 1.4" (Wiremold #3027AE)	35.80	11.14
26 05 33 23-0239	EA	Utility Box (Wiremold #3028)	60.26	11.14
26 05 33 23-0240	EA	Single Receptacle Cover With Face Diameters Of 1.56" To 1.57" (Wiremold #3033JE)	19.42	2.93
26 05 33 23-0241	EA	Blank Cover (Wiremold #3036HE)	21.23	2.93
26 05 33 23-0242	EA	Switch Cover (Wiremold #3040CE)	19.37	2.93
26 05 33 23-0243	EA	Duplex Receptacle Cover (Wiremold #3043BE)	22.67	3.52
26 05 33 23-0244	EA	15 Amperes, 125 Volt Duplex Grounding Receptacle And Cover (Wiremold #3043GE)	59.13	15.24
26 05 33 23-0245	EA	2 Gang, Extra Deep Switch And Receptacle Box (Wiremold #3044-2)	67.79	11.14
26 05 33 23-0246	EA	Duplex Receptacle Cover (Wiremold #3046BE)	19.54	3.52
26 05 33 23-0247	EA	Tap Off Fitting (Wiremold #3046H-2)	22.30	2.93
26 05 33 23-0248	EA	1-15/16" Deep x 6" Long, Circuit Breaker Housing (Wiremold #3046KD)	88.47	7.04
26 05 33 23-0249	EA	2-3/4" Deep x 7-3/8" Long, Circuit Breaker Housing (Wiremold #3046KTSQ)	217.13	7.04
26 05 33 23-0250	EA	1-13/16" Deep x 7-3/8" Long, Circuit Breaker Housing (Wiremold #3046QOU)	76.93	7.04
26 05 33 23-0251	EA	1-13/16" Deep x 7-15/16" Long x 2-13/16" Wide, Bump Up Device Plate Cover (Wiremold #3046S)	83.32	7.04
26 05 33 23-0252	EA	1-13/32" Deep x 7-15/16" Long x 2-13/16" Wide, Bump Up Device Plate Cover (Wiremold #3046U)	83.32	7.04
26 05 33 23-0253	EA	Rectangular Receptacle Cover (Wiremold #3048R)	26.35	3.52
26 05 33 23-0254		4-3/4" x 1-3/4" Two Piece Surface Metal Raceways (Wiremold #4000) *(26 05 33 23-0157)*		
		Note: Available in gray enamel (G) or ivory (V).		
26 05 33 23-0255	LF	4-3/4" x 1-3/4" Two Piece Surface Metal Raceway Base (Wiremold #4000B-10)	18.47	5.27
		For Concrete Or Masonry Surface, Add	*0.57*	
26 05 33 23-0256	LF	Raceway Cover (Wiremold #4000C)	6.46	0.58
26 05 33 23-0257	LF	Divider (Wiremold #4000D)	3.15	0.58
26 05 33 23-0258	EA	Wire Clips For Conductors (Wiremold #4000WC)	7.05	2.93
26 05 33 23-0259	EA	Couplings (Wiremold #4001A)	18.38	3.52
26 05 33 23-0260	EA	Divider Clip (Wiremold #4001D)	8.72	3.52
26 05 33 23-0261	EA	Seam Clip (Wiremold #4006)	8.87	3.52
26 05 33 23-0262	EA	Single Device Fitting (Wiremold #4007C-1R)	36.47	7.62
26 05 33 23-0263	EA	Blank End Fittings (Wiremold #4010B)	19.48	4.69
26 05 33 23-0264	EA	Entrance End Fitting (Wiremold #4010DFO)	74.81	18.05
26 05 33 23-0265	EA	Flat 90 Degree Elbow (Wiremold #4011)	69.45	14.66
26 05 33 23-0266	EA	Radiused Flat 90 Degree Elbow (Wiremold #4011FO)	81.90	14.66
26 05 33 23-0267	EA	Internal Or External 45 Degree Elbow (Wiremold #4012TX)	75.73	18.16
26 05 33 23-0268	EA	Wall Box Connector (Wiremold #4014A)	100.64	18.16
26 05 33 23-0269	EA	Tee Fitting (Wiremold #4015)	111.57	18.16
26 05 33 23-0270	EA	Divided Tee Fitting (Wiremold #4015D)	115.96	18.16
26 05 33 23-0271	EA	Radiused Full Capacity Divided Tee Fitting (Wiremold #4015DFO)	138.30	18.16
26 05 33 23-0272	EA	Radiused Tee Fitting (Wiremold #4015FO)	138.73	18.16
26 05 33 23-0273	EA	Internal Elbow (Wiremold #4017)	61.72	18.16
26 05 33 23-0274	EA	Internal Elbow (Wiremold #4017FO)	109.64	18.16
26 05 33 23-0275	EA	Inverted Internal Elbow (Wiremold #4017N)	68.31	18.16

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26 05 33 23-0276	EA	Internal Corner Coupling (Wiremold #4017TCA)	58.23	18.16
26 05 33 23-0277	EA	External Elbow (Wiremold #4018)	91.66	18.16
26 05 33 23-0278	EA	Radiused External Elbow (Wiremold #4018FO)	106.22	18.16
26 05 33 23-0279	EA	Single Locking Receptacle And Two RJ11/45 Modulaular Connectors Outlet Cover (Wiremold #4046ARJ)	89.48	7.62
26 05 33 23-0280	EA	Double Duplex Receptacle Outlet Cover (Wiremold #4046B-2)	94.86	7.62
26 05 33 23-0281	EA	Duplex Receptacle And Two RJ11/45 Modular Connector Cover (Wiremold #4046DRJ)	94.86	7.62
26 05 33 23-0282	EA	Double Duplex Receptacle And Four RJ11/45 Modular Connector Cover (Wiremold #4046DRJ-2)	126.71	7.62
26 05 33 23-0283	EA	Tap-Off Fitting (Wiremold #4046H-2)	26.86	7.62
26 05 33 23-0284	EA	Combination Single Receptacle And Phone Outlet Center (Wiremold #4046JRJ)	81.28	3.52
26 05 33 23-0285	EA	Rectangular Receptacle And Two RJ11/45 Modular Connector Cover (Wiremold #4046RRJ)	97.09	7.62
26 05 33 23-0286	EA	1 Gang Device Plate (Wiremold #G4047C-1)	26.58	7.62
26 05 33 23-0287	EA	2 Gang Device Plate (Wiremold #G4047C-2)	30.97	7.62
26 05 33 23-0288	EA	Device Mounting Bracket (Wiremold #4050)	30.11	5.86
26 05 33 23-0289	EA	#4000 To #3000 Take-off Connector (Wiremold #4074A)	140.42	18.16
26 05 33 23-0290	EA	Bridge Fitting (Wiremold #4075D)	126.61	18.16
26 05 33 23-0291	EA	Bridge Fitting (Wiremold #4075DA)	126.61	18.16
26 05 33 23-0292	EA	Panel Connector (Wiremold #4086A)	102.75	34.58
26 05 33 23-0293	EA	Reducing Connector Fitting (Wiremold #4089)	63.09	18.16

26 05 33 23-0294 4-3/4" x 3-9/16" Two Piece Surface Metal Raceways (Wiremold #6000) *(26 05 33 23-0157)*

Note: Available in gray enamel (G) or ivory (V).

26 05 33 23-0295	LF	4-3/4" x 3-9/16" Two Piece Surface Metal Raceway Base (Wiremold #6000B-10)	26.93	6.45
		For Concrete Or Masonry Surface, Add	*0.64*	
26 05 33 23-0296	LF	Raceway Cover (Wiremold #6000C)	7.73	1.75
26 05 33 23-0297	LF	Divider (Wiremold #6000DA)	8.13	1.75
26 05 33 23-0298	EA	Wire Clips For Conductors (Wiremold #6000WC)	8.17	2.93
26 05 33 23-0299	EA	Couplings (Wiremold #6001A)	22.58	5.86
26 05 33 23-0300	EA	Divider Clip (Wiremold #6001D)	10.44	2.93
26 05 33 23-0301	EA	Converter Coupling (Wiremold #6001TX)	28.91	7.62
26 05 33 23-0302	EA	Connection Cover (Wiremold #6006)	27.45	7.62
26 05 33 23-0303	EA	Single Gang Device Plate (Wiremold #6007C-1)	28.78	7.62
26 05 33 23-0304	EA	Two Gang Device Plate (Wiremold #6007C-2)	31.48	7.62
26 05 33 23-0305	EA	C-Hanger (Wiremold #6008A)	45.75	11.14
26 05 33 23-0306	EA	Blank End Fittings (Wiremold #6010B)	49.53	17.58
26 05 33 23-0307	EA	Combination Flat Elbow (Wiremold #6011TX)	92.44	17.58
26 05 33 23-0308	EA	Internal-External 45 Degree Elbow (Wiremold #6012TX)	93.99	16.88
26 05 33 23-0309	EA	Connector Fitting (Wiremold #6014A)	133.91	18.16
26 05 33 23-0310	EA	Combination Internal-External Elbow (Wiremold #6017TX)	95.82	19.93
26 05 33 23-0311	EA	Circuit Breaker Housing (Wiremold #6046KD)	166.45	19.93
26 05 33 23-0312	EA	#6000 To #6000 Take-off Connector (Wiremold #6074)	160.57	17.58
26 05 33 23-0313	EA	#6000 To #4000 Take-off Connector (Wiremold #6074A)	173.68	17.58
26 05 33 23-0314	EA	Panel Connector (Wiremold #6086)	106.27	40.79

26 05 33 23-0315 Two Piece Surface Aluminum Raceways *(26 05 33 23-0056)*

Note: Exposed installations on masonry, concrete block or drywall walls or ceilings. (Wiremold or approved equal).

26 05 33 23-0316 1-7/16" x 1-1/8" Two Piece Surface Aluminum Raceways (Wiremold #AL2000) *(26 05 33 23-0315)*

26 05 33 23-0317	LF	1-7/16" x 1-1/8" Two Piece Surface Aluminum Raceway Base (Wiremold #AL2000B)	11.60	2.93
		For Concrete Or Masonry Surface, Add	*0.29*	
26 05 33 23-0318	LF	Aluminum Raceway Cover (Wiremold #AL2000C)	5.73	0.58
26 05 33 23-0319	EA	Wire Clip (Wiremold #AL2000WC)	5.66	2.35
26 05 33 23-0320	EA	Coupling (Wiremold #AL2001)	12.57	2.93
26 05 33 23-0321	EA	Supporting Clip (Wiremold #AL2003)	6.11	1.75
26 05 33 23-0322	EA	Cover Clip (Wiremold #AL2006)	7.71	1.75
26 05 33 23-0323	EA	Ground Clamp (Wiremold #AL2009)	11.07	2.93
26 05 33 23-0324	EA	Entrance End Fitting (Wiremold #AL2010A)	30.96	8.79
26 05 33 23-0325	EA	Blank End Fitting (Wiremold #AL2010B)	10.02	2.93
26 05 33 23-0326	EA	Flat 90 Degree Elbow (Wiremold #AL2011)	35.72	7.62
26 05 33 23-0327	EA	Tee (Wiremold #AL2015)	48.48	11.02
26 05 33 23-0328	EA	Internal Corner Elbow (Wiremold #AL2017)	32.25	5.86
26 05 33 23-0329	EA	External Corner Elbow (Wiremold #AL2018)	32.18	5.86
26 05 33 23-0330	EA	2 To 15 Amperes, In-Line Receptacle (Wiremold #AL2043)	52.78	11.61
26 05 33 23-0331	EA	4-13/16" Round Fixture Box (Wiremold #AL2038)	121.15	10.43
26 05 33 23-0332	EA	4-1/2" x 3" x 2-1/4" D Box (Wiremold #AL2044)	54.26	10.43
26 05 33 23-0333	EA	4-5/8" x 4-7/8" x 2-1/2" D Box (Wiremold #AL2044-2)	111.71	11.61
26 05 33 23-0334	EA	Single Gang Shallow Device Box (Wiremold #AL2047)	56.16	10.43
26 05 33 23-0335	EA	2-Gang Shallow Device Box (Wiremold #AL2047-2)	98.84	11.61
26 05 33 23-0336	EA	Flush Plate Adapter (Wiremold #AL2051H)	42.80	11.61

26 05 33 23-0337 2" x 1-9/32" Two Piece Surface Aluminum Raceways (Wiremold #AL2400) *(26 05 33 23-0315)*

26 05 33 23-0338	LF	2" x 1-9/32" Two Piece Surface Aluminum Raceway Base (Wiremold #AL2400B)	12.80	2.93
		For Concrete Or Masonry Surface, Add	*0.29*	
26 05 33 23-0339	LF	Aluminum Raceway Cover (Wiremold #AL2400C)	5.79	0.58
26 05 33 23-0340	EA	Wire Clip (Wiremold #AL2400WC)	7.58	2.35
26 05 33 23-0341	EA	Coupling (Wiremold #AL2401)	14.40	2.93

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0342	EA	Cover Clip (Wiremold #AL2406)	9.81	1.75
26 05 33 23-0343	EA	Ground Clamp (Wiremold #AL2409)	8.65	2.35
26 05 33 23-0344	EA	Blank End (Wiremold #AL2410B)	10.93	2.93
26 05 33 23-0345	EA	End Fitting (Wiremold #AL2410B2)	23.73	8.79
26 05 33 23-0346	EA	Flat 90 Degree Elbow (Wiremold #AL2411)	42.46	8.79
26 05 33 23-0347	EA	Tee (Wiremold #AL2415)	46.21	8.67
26 05 33 23-0348	EA	Fourway Fitting (Wiremold #AL2416)	54.11	8.67
26 05 33 23-0349	EA	Internal Coupling (Wiremold #AL2417)	42.31	8.67
26 05 33 23-0350	EA	External Coupling (Wiremold #AL2418)	45.48	8.67
26 05 33 23-0351	EA	4-1/2" x 4-1/2" Back Feed Fitting (Wiremold #AL2451H)	37.99	8.79

26 05 33 23-0352 2-7/8" x 1-7/8" Two Piece Surface Aluminum Raceways (Wiremold #AL3300) *(26 05 33 23-0315)*

26 05 33 23-0353	LF	2-7/8" x 1-7/8" Two Piece Surface Aluminum Raceway Base (Wiremold #AL3300B)	23.44	5.27
		For Concrete Or Masonry Surface, Add	*0.53*	
26 05 33 23-0354	LF	Aluminum Raceway Cover (Wiremold #AL3300CE)	7.02	0.58
26 05 33 23-0355	LF	Raceway Divider (Wiremold #AL3300D)	5.78	5.27
26 05 33 23-0356	EA	Wire Clips For Conductors (Wiremold #AL3300WC)	11.22	2.35
26 05 33 23-0357	EA	Couplings (Wiremold #AL3301)	20.15	2.35
26 05 33 23-0358	EA	Divider Coupling (Wiremold #AL3301D)	16.95	2.93
26 05 33 23-0359	EA	Ground Clamp (Wiremold #AL3309)	11.35	2.35
26 05 33 23-0360	EA	Blank End Fittings (Wiremold #AL3310B)	23.62	4.69
26 05 33 23-0361	EA	End Fitting (Wiremold #AL3310B1)	37.97	11.14
26 05 33 23-0362	EA	Flat 90 Degree Elbow (Wiremold #AL3311) Note: Includes two (2) AL3301 couplings.	117.81	14.53
26 05 33 23-0363	EA	Tee Fitting (Wiremold #AL3315) Note: Includes three (3) AL3301 couplings.	134.96	18.16
26 05 33 23-0364	EA	Cross Fitting (Wiremold #AL3316) Note: Includes four (4) AL3301 couplings.	152.92	18.16
26 05 33 23-0365	EA	Internal Elbow (Wiremold #AL3317) Note: Includes two (2) AL3301 couplings.	110.69	11.14
26 05 33 23-0366	EA	External Elbow (Wiremold #AL3318) Note: Includes two (2) AL3301 couplings.	110.81	11.14
26 05 33 23-0367	EA	Duplex Receptacle Cover (Wiremold #AL3346D)	24.44	3.52
26 05 33 23-0368	EA	Single Receptacle Cover (Wiremold #AL3346E)	24.28	3.52
26 05 33 23-0369	EA	GFCI/Surge Receptacle Cover (Wiremold #AL3346G)	24.02	3.52
26 05 33 23-0370	EA	Single Device Cover Plate (Wiremold #AL3356R)	24.10	2.93

26 05 33 23-0371 5" x 2" Two Piece Surface Aluminum Raceways (Wiremold #AL5200) *(26 05 33 23-0315)*

26 05 33 23-0372	LF	5" x 2" Two Piece Surface Aluminum Raceway Base (Wiremold #AL5200B-10)	28.21	5.27
		For Concrete Or Masonry Surface, Add	*0.57*	
26 05 33 23-0373	LF	Aluminum Raceway Cover (Wiremold #AL5200C)	11.64	0.58
26 05 33 23-0374	LF	Divider (Wiremold #AL5200D)	6.81	0.58
26 05 33 23-0375	EA	Wire Clips For Conductors (Wiremold #AL5200WC)	9.34	2.93
26 05 33 23-0376	EA	Wire Clips For Conductors (Wiremold #AL5200WC2)	7.84	2.93
26 05 33 23-0377	EA	Wire Clips For Conductors (Wiremold #AL5200WC3)	7.78	2.93
26 05 33 23-0378	EA	Couplings (Wiremold #AL5201)	18.23	3.52
26 05 33 23-0379	EA	Cover Clip (Wiremold #AL5206)	16.17	3.52
26 05 33 23-0380	EA	Ground Adapter (Wiremold #AL5209)	20.12	3.52
26 05 33 23-0381	EA	Blank End Fittings (Wiremold #AL5210B)	21.24	4.69
26 05 33 23-0382	EA	Blank End Fittings (Wiremold #AL5210B1)	22.80	4.69
26 05 33 23-0383	EA	Blank End Fittings (Wiremold #AL5210B2)	23.15	4.69
26 05 33 23-0384	EA	Blank End Fittings (Wiremold #AL5210B3)	22.44	4.69
26 05 33 23-0385	EA	Flat 90 Degree Elbow (Wiemold #AL5211) Note: Includes two (2) pairs of AL5201 couplings.	117.37	14.66
26 05 33 23-0386	EA	Wall Box Connector (Wiremold #AL5214)	92.23	18.16
26 05 33 23-0387	EA	Tee Fitting (Wiremold #AL5215) Note: Includes three (3) pairs of AL5201 couplings.	137.33	18.16
26 05 33 23-0388	EA	Four Way Fitting (Wiremold #AL5216) Note: Includes four (4) pairs of AL5201 couplings.	150.67	18.16
26 05 33 23-0389	EA	Internal Elbow (Wiremold #AL5217) Note: Includes two (2) pairs of AL5201 couplings.	121.80	18.16
26 05 33 23-0390	EA	Internal Corner Coupling (Wiremold #AL5217A)	51.54	18.16
26 05 33 23-0391	EA	Inverted Internal Elbow (Wiremold #AL5217N)	125.20	18.16
26 05 33 23-0392	EA	External Elbow (Wiremold #AL5218) Note: Includes two (2) pairs of AL5201 couplings.	122.86	18.16
26 05 33 23-0393	EA	Blank Device Cover Plate (Wiremold #AL5246B)	26.35	3.52
26 05 33 23-0394	EA	Receptacle Device Cover Plate (Wiremold #AL5246D)	31.23	3.52
26 05 33 23-0395	EA	Double Receptacle Device Cover Plate (Wiremold #AL5246DD)	37.07	3.52
26 05 33 23-0396	EA	Device Cover Plate (Wiremold #AL5246F)	34.77	3.52
26 05 33 23-0397	EA	Device Cover Plate (Wiremold #AL5246G)	32.10	3.52
26 05 33 23-0398	EA	Offset Divider (Wiremold #AL5260)	30.04	7.62

26 05 33 23-0399 3" x 2-1/4" Two Piece Surface Aluminum Raceways (Wiremold #ALA3800) *(26 05 33 23-0315)*

26 05 33 23-0400	LF	Single Channel, 3" x 2-1/4" Two Piece Surface Aluminum Raceway Base (Wiremold #ALA3800B-10)	25.11	5.27
26 05 33 23-0401	EA	Cover Clip (Wiremold #ALA3806)	11.99	3.52
26 05 33 23-0402	EA	Blank End Fittings (Wiremold #ALA3810B)	21.05	4.69

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0403	EA	Entrance End Cap Fittings (Wiremold #ALA3810B1)	22.63	4.69
26 05 33 23-0404	EA	Flat 90 Degree Elbow (Wiremold #ALA3811) Note: Includes two (2) ALA01 couplings.	116.18	14.66
26 05 33 23-0405	EA	Flat Tee Fitting (Wiremold #ALA3815) Note: Includes three (3) ALA01 couplings.	119.80	18.16
26 05 33 23-0406	EA	Internal Elbow (Wiremold #ALA3817) Note: Includes two (2) ALA01 couplings.	116.81	18.16
26 05 33 23-0407	EA	Inverted Internal Elbow (Wiremold #ALA3817N) Note: Includes two (2) ALA01 couplings.	137.56	18.16
26 05 33 23-0408	EA	External Elbow (Wiremold #ALA3818) Note: Includes two (2) ALA01 couplings.	118.35	18.16
26 05 33 23-0409		6" x 2-1/4" Two Piece Surface Aluminum Raceways (Wiremold #ALA4800) *(26 05 33 23-0315)*		
26 05 33 23-0410	LF	Two Channel, 6" x 2-1/4" Two Piece Surface Aluminum Raceway Base (Wiremold #ALA4800B-10)	41.53	5.27
26 05 33 23-0411	EA	Cover Clip (Wiremold #ALA4806)	17.76	3.52
26 05 33 23-0412	EA	Blank End Fittings (Wiremold #ALA4810B)	23.23	4.69
26 05 33 23-0413	EA	Entrance End Cap Fittings (Wiremold #ALA4810B2)	25.97	4.69
26 05 33 23-0414	EA	Flat 90 Degree Elbow (Wiremold #ALA4811) Note: Includes four (4) ALA01 couplings.	154.55	14.66
26 05 33 23-0415	EA	Flat Tee Fitting (Wiremold #ALA4815) Note: Includes six (6) ALA01 couplings.	211.90	18.16
26 05 33 23-0416	EA	Internal Elbow (Wiremold #ALA4817) Note: Includes four (4) ALA01 couplings.	141.90	18.16
26 05 33 23-0417	EA	Inverted Internal Elbow (Wiremold #ALA4817N) Note: Includes four (4) ALA01 couplings.	167.70	18.16
26 05 33 23-0418	EA	External Elbow (Wiremold #ALA4818) Note: Includes four (4) ALA01 couplings.	149.16	18.16
26 05 33 23-0419		Two Piece Surface Aluminum Raceways Fittings (Wiremold #ALA3800 And #ALA4800) *(26 05 33 23-0315)* See CSI section 26 27 26 00-0010 for receptacles.		
26 05 33 23-0420	LF	3" Wide Aluminum Raceway Cover (Wiremold #ALAC-5) Note: For use with ALA3800 single channel raceway and ALA4800 dual channel raceway.	8.97	0.58
26 05 33 23-0421	EA	Wire Clips (Wiremold #ALAWC)	7.95	2.93
26 05 33 23-0422	EA	Slide Couplings (Wiremold #ALA01)	19.73	3.52
26 05 33 23-0423	EA	Grounding Adapter (Wiremold #ALA09)	16.69	3.52
26 05 33 23-0424	EA	Bend Radius Control Insert For Flat Elbow (Wiremold #ALA11RI)	45.35	14.66
26 05 33 23-0425	EA	Internal Corner Coupling (Wiremold #ALA17A)	53.97	18.16
26 05 33 23-0426	EA	Bend Radius Control Insert For Internal And External Elbow (Wiremold #ALA17/18RI)	50.80	14.66
26 05 33 23-0427	EA	Blank Cover Plate (Wiremold #ALA-BL)	21.71	3.52
26 05 33 23-0428	EA	Duplex Receptacle Cover Plate (Wiremold #ALA-DR)	23.20	3.52
26 05 33 23-0429	EA	Single Receptacle Cover Plate, 1.40" Diameter Opening (Wiremold #ALA-E)	24.18	3.52
26 05 33 23-0430	EA	Single Receptacle Cover Plate, 1.59" Diameter Opening (Wiremold #ALA-F)	23.26	3.52
26 05 33 23-0431	EA	GFCI/Surge/Decorator Cover Plate (Wiremold #ALA-G)	23.40	3.52
26 05 33 23-0432	EA	Single Receptacle Cover Plate, 2.13" Diameter Opening (Wiremold #ALA-J)	24.20	3.52
26 05 33 23-0433	EA	Toggle Switch Cover Plate (Wiremold #ALA-N)	24.85	3.52
26 05 33 23-0434	EA	Active LPB Cover Plate (Wiremold #ALA-LPB)	32.07	3.52
26 05 33 23-0435	EA	Active MAB Cover Plate (Wiremold #ALA-MAB)	30.10	3.52
26 05 33 23-0436	EA	Ortronics Cover Plate (Wiremold #ALA-MABRT)	34.81	3.52
26 05 33 23-0437	EA	1-3/4" x 2-3/4" Cover Plate (Wiremold #ALA-SG)	22.23	3.52
26 05 33 23-0438	EA	Active 2A Cover Plate (Wiremold #ALA-2A)	33.60	3.52
26 05 33 23-0439	EA	Ortronics Communications Cover Plate (Wiremold #ALA-ABRT)	30.68	3.52
26 05 33 23-0440	EA	3/4" Grommet/Mousehole Cover Plate (Wiremold #ALA-Z)	24.79	3.52
26 05 33 23-0441	EA	Ortronics Low Profile Cover Plate (Wiremold #ALA-LPB3S2)	30.97	3.52
26 05 33 23-0442		Surface Non-Metallic Raceways *(26 05 33 23-0001)* Note: Exposed on flat wall surface.		
26 05 33 23-0443		One Piece Surface Non-Metallic Raceways *(26 05 33 23-0442)* Note: Exposed on flat wall surface. (Wiremold or approved equal).		
26 05 33 23-0444		7/8" x 7/16" One Piece Surface Non-Metallic Raceways (Wiremold #400) *(26 05 33 23-0443)*		
26 05 33 23-0445	LF	7/8" x 7/16" One Piece Surface Non-Metallic Raceway Base And Cover (Wiremold #400BAC)	6.60	2.35
		For Concrete Or Masonry Surface, Add	*0.23*	
26 05 33 23-0446	EA	Wire Clip (Wiremold #400WC)	5.09	2.35
26 05 33 23-0447	EA	Cover Clip (Wiremold #406)	5.35	2.35
26 05 33 23-0448	EA	Blank End Clip (Wiremold #410B)	10.31	4.69
26 05 33 23-0449	EA	Flat 90 Degree Elbow (Wiremold #411)	11.90	4.69
26 05 33 23-0450	EA	Tee (Wiremold #415)	14.98	5.86
26 05 33 23-0451	EA	Internal Elbow (Wiremold #417)	11.70	4.69
26 05 33 23-0452	EA	External Elbow (Wiremold #418)	11.70	4.69
26 05 33 23-0453		1-5/16" x 7/16" One Piece Surface Non-Metallic Raceways (Wiremold #800) *(26 05 33 23-0443)*		
26 05 33 23-0454	LF	1-5/16" x 7/16" One Piece Surface Non-Metallic Raceway Base And Cover (Wiremold #800BAC)	7.59	2.35
		For Concrete Or Masonry Surface, Add	*0.23*	
26 05 33 23-0455	EA	Wire Clip (Wiremold #800WC)	5.17	2.35

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0456	EA	Cover Clip (Wiremold #806)	5.28	2.35
26 05 33 23-0457	EA	Entrance End Fitting (Wiremold #810A2)	15.82	4.69
26 05 33 23-0458	EA	Blank End Fitting (Wiremold #810B)	10.41	4.69
26 05 33 23-0459	EA	Flat 90 Degree Elbow (Wiremold #811)	11.98	4.69
26 05 33 23-0460	EA	Tee (Wiremold #815)	15.05	5.86
26 05 33 23-0461	EA	Internal Elbow (Wiremold #817)	11.75	4.69
26 05 33 23-0462	EA	External Elbow (Wiremold #818)	11.75	4.69
26 05 33 23-0463	EA	End Reducer, #800 To #400 (Wiremold #889A)	13.22	4.69
26 05 33 23-0464		**2-1/4" x 11/16" One Piece Surface Non-Metallic Raceways (Wiremold #2300)** *(26 05 33 23-0443)*		
26 05 33 23-0465	LF	2-1/4" x 11/16" One Piece Surface Non-Metallic Raceway Base And Cover (Wiremold #2300BAC)	8.74	2.35
		For Concrete Or Masonry Surface, Add	*0.23*	
26 05 33 23-0466	LF	2-1/4" x 11/16" One Piece Surface Non-Metallic Divided Raceway Base And Cover (Wiremold #2300BACD)	9.29	2.35
		For Concrete Or Masonry Surface, Add	*0.23*	
26 05 33 23-0467	EA	Wire Clip (Wiremold #2300WC)	5.42	2.35
26 05 33 23-0468	EA	Cover Clip (Wiremold #2306)	5.70	2.35
26 05 33 23-0469	EA	Entrance End Fitting (Wiremold #2310A)	17.18	4.69
26 05 33 23-0470	EA	Blank End Fitting (Wiremold #2310B)	10.96	4.69
26 05 33 23-0471	EA	Divided Entrance End Fitting (Wiremold #2310DFO)	19.31	4.69
26 05 33 23-0472	EA	Flat 90 Degree Elbow (Wiremold #2311)	12.21	4.69
26 05 33 23-0473	EA	Divided Flat 90 Degree Elbow (Wiremold #2311DFO)	13.11	4.69
26 05 33 23-0474	EA	Tee (Wiremold #2315)	15.19	5.86
26 05 33 23-0475	EA	Internal Elbow (Wiremold #2317)	12.21	4.69
26 05 33 23-0476	EA	Divided Internal Elbow (Wiremold #2317DFO)	13.12	4.69
26 05 33 23-0477	EA	External Elbow (Wiremold #2318)	12.23	4.69
26 05 33 23-0478	EA	Divided External Elbow (Wiremold #2318DFO)	13.28	4.69
26 05 33 23-0479	EA	End Reducer, #2300 To #400 (Wiremold #2389)	13.30	4.69
26 05 33 23-0480	EA	End Reducer, #2300 To #800 (Wiremold #2389A)	13.88	4.69
26 05 33 23-0481		**One Piece Surface Non-Metallic Raceway Fittings (Wiremold #400, #800 Or #2300)** *(26 05 33 23-0443)*		
26 05 33 23-0482	EA	Blank Cover, 4-1/2" Diameter (Wiremold #2336)	14.77	4.10
26 05 33 23-0483	EA	Extension Box, 5-1/2" Diameter (Wiremold #2337A)	24.14	4.69
26 05 33 23-0484	EA	-A Fixture Box, 5-1/2" Diameter (Wiremold #233)	24.27	4.69
26 05 33 23-0485	EA	Extra Deep Device Box, 1 Gang, 2-3/4" Deep x 4-3/4" Long x 3" Wide (Wiremold #2344)	21.92	4.69
26 05 33 23-0486	EA	Extra Deep Device Box, 2 Gang, 2-3/4" Deep x 4-3/4" Long x 4-7/8" Wide (Wiremold #2344-2)	25.37	4.69
26 05 33 23-0487	EA	Extra Deep Divided Device Box, 1 Gang, 2-3/4" Deep x 4-3/4" Long x 3" Wide (Wiremold #2344D)	23.87	4.69
26 05 33 23-0488	EA	Deep Divided Device Box, 2 Gang, 2-1/4" Deep x 4-3/4" Long x 4-7/8" Wide (Wiremold #2344SD-2A)	25.91	4.69
26 05 33 23-0489	EA	1-Gang Standard Device Box, 1-3/8" Deep x 4-3/4" Long x 3" Wide (Wiremold #2347)	21.99	7.62
26 05 33 23-0490	EA	2-Gang Standard Device Box, 1-3/8" Deep x 4-3/4" Long x 4-7/8" Wide (Wiremold #2347-2)	25.03	7.62
26 05 33 23-0491	EA	1-Gang Deep Device Box, 1-3/4" Deep x 4-3/4" Long x 3" Wide (Wiremold #2348)	22.88	7.62
26 05 33 23-0492	EA	2-Gang Deep Device Box, 1-3/4" Deep x 4-3/4" Long x 4-7/8" Wide (Wiremold #2348-2)	27.47	7.62
26 05 33 23-0493	EA	3-Gang Deep Device Box, 1-3/4" Deep x 5" Long x 7" Wide (Wiremold #2348-3)	32.79	7.62
26 05 33 23-0494	EA	1-Gang Deep Device Box With Magnetic Backing, 1-3/4" Deep x 4-3/4" Long x 3" Wide (Wiremold #2348AMP)	31.10	7.62
26 05 33 23-0495	EA	1-Gang Divided Deep Device Box, 1-3/4" Deep x 4-3/4" Long x 3" Wide (Wiremold #2348D)	28.19	7.62
26 05 33 23-0496	EA	Shallow Device And Extension Box, 7/8" Deep x 4-3/4" Long x 3" Wide (Wiremold #2348S/51)	21.53	7.62
26 05 33 23-0497		**3/4" x 3/8" One Piece Surface Non-Metallic Raceways (Wiremold #2700)** *(26 05 33 23-0443)*		
26 05 33 23-0498	LF	3/4" x 3/8" One Piece Surface Non-Metallic Raceway Base And Cover (Wiremold #2700)	6.19	2.35
		For Concrete Or Masonry Surface, Add	*0.23*	
26 05 33 23-0499	EA	3/4" Wire Clip (Wiremold #2700WC)	2.67	1.17
26 05 33 23-0500	EA	Cover Clip (Wiremold #2706)	3.94	1.17
26 05 33 23-0501	EA	Blank End (Wiremold #2710B)	6.27	2.35
26 05 33 23-0502	EA	Flat 90 Degree Elbow (Wiremold #2711)	7.48	2.93
26 05 33 23-0503	EA	Tee (Wiremold #2715)	12.18	5.27
26 05 33 23-0504	EA	Internal Elbow (Wiremold #2717)	8.66	3.52
26 05 33 23-0505	EA	External Elbow (Wiremold #2718)	8.64	3.52
26 05 33 23-0506	EA	Drop Ceiling Connector (Wiremold #2786)	10.20	4.10
26 05 33 23-0507		**1" x 1/2" One Piece Surface Non-Metallic Raceways (Wiremold #2800)** *(26 05 33 23-0443)*		
26 05 33 23-0508	LF	1" x 1/2" One Piece Surface Non-Metallic Raceway Base And Cover (Wiremold #2800)	8.03	2.93
		For Concrete Or Masonry Surface, Add	*0.29*	
26 05 33 23-0509	EA	1" Wire Clip (Wiremold #2800WC)	3.99	1.75
26 05 33 23-0510	EA	Cover Clip (Wiremold #2806)	5.28	1.75
26 05 33 23-0511	EA	Blank End (Wiremold #2810B)	7.62	2.93
26 05 33 23-0512	EA	Flat 90 Degree Elbow (Wiremold #2811)	10.05	4.10
26 05 33 23-0513	EA	Radiused Flat 90 Degree Elbow (Wiremold #2811FO)	10.68	4.10
26 05 33 23-0514	EA	Tee (Wiremold #2815)	14.73	6.45
26 05 33 23-0515	EA	Internal Elbow (Wiremold #2817)	11.18	4.69
26 05 33 23-0516	EA	External Elbow (Wiremold #2818)	11.21	4.69
26 05 33 23-0517	EA	Radiused Tee (Wiremold #2815FO)	15.58	6.45
26 05 33 23-0518	EA	Radiused Internal Elbow (Wiremold #2817FO)	11.95	4.69
26 05 33 23-0519	EA	Radiused External Elbow (Wiremold #2818FO)	11.84	4.69
26 05 33 23-0520	EA	Drop Ceiling Connector (Wiremold #2886)	12.62	5.27

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0521		EA	Reducer, #2800 To #2700 (Wiremold #2889)	11.36	4.69
26 05 33 23-0522		EA	Radiused Flat 90 Degree Elbow (Wiremold #2911FO)	12.28	4.69
26 05 33 23-0523			1-1/2" x 3/4" One Piece Surface Non-Metallic Raceways (Wiremold #2900) *(26 05 33 23-0443)*		
26 05 33 23-0524		LF	1-1/2" x 3/4" One Piece Surface Non-Metallic Raceway Base And Cover (Wiremold #2900)	9.77	3.52
			For Concrete Or Masonry Surface, Add	*0.35*	
26 05 33 23-0525		EA	1-1/2" Wire Clip (Wiremold #2900WC)	5.27	2.35
26 05 33 23-0526		EA	Cover Clip (Wiremold #2906)	6.58	2.35
26 05 33 23-0527		EA	Blank End (Wiremold #2910B)	8.93	3.52
26 05 33 23-0528		EA	Flat 90 Degree Elbow (Wiremold #2911)	11.28	4.69
26 05 33 23-0529		EA	Tee (Wiremold #2915)	15.97	7.04
26 05 33 23-0530		EA	Radiused Tee (Wiremold #2915FO)	16.99	7.04
26 05 33 23-0531		EA	Internal Elbow (Wiremold #2917)	12.46	5.27
26 05 33 23-0532		EA	Radiused Internal Elbow (Wiremold #2917FO)	13.50	5.27
26 05 33 23-0533		EA	Radiused External Elbow (Wiremold #2918FO)	13.79	5.27
26 05 33 23-0534		EA	External Elbow (Wiremold #2918)	12.44	5.27
26 05 33 23-0535		EA	Drop Ceiling Connector (Wiremold #2986)	12.62	5.27
26 05 33 23-0536		EA	Reducer, #2900 To #2800 (Wiremold #2989)	14.02	5.86
26 05 33 23-0537		EA	Reducer, #2900 To #2700 (Wiremold #2989A)	13.68	5.86
26 05 33 23-0538			Two Piece Surface Non-Metallic Raceways *(26 05 33 23-0442)* Note: Exposed on flat wall surface. (Wiremold or approved equal).		
26 05 33 23-0539			5" x 1" Two Piece Surface Non-Metallic Raceways (Wiremold #500) *(26 05 33 23-0538)*		
26 05 33 23-0540		LF	5" x 1" Two Piece Surface Non-Metallic Raceway Base (Wiremold #5000B)	15.03	5.27
			For Concrete Or Masonry Surface, Add	*0.53*	
26 05 33 23-0541		LF	Black, Gray Or White, Cover (Wiremold #5000C)	14.34	5.27
26 05 33 23-0542		LF	Oak Veneer, Cover (Wiremold #5000COA)	25.95	5.27
26 05 33 23-0543		LF	Maple Wood Veneer, Cover (Wiremold #5000CW)	21.36	5.27
26 05 33 23-0544		LF	Black, Gray Or White, Quarter Round Trim (Wiremold #5000T)	1.99	0.58
26 05 33 23-0545		LF	Oak Veneer, Quarter Round Trim (Wiremold #5000TOA)	7.82	0.58
26 05 33 23-0546		LF	Maple Wood Veneer, Quarter Round Trim (Wiremold #5000TW)	4.90	0.58
26 05 33 23-0547		EA	Base Coupling (Wiremold #5001)	14.08	5.86
26 05 33 23-0548		EA	Blank/Coax Adapter (Wiremold #5004)	7.82	2.93
26 05 33 23-0549		EA	Low Voltage Blank Plate (Wiremold #5005)	10.36	3.52
26 05 33 23-0550		EA	Cover Clip (Wiremold #5006)	15.05	5.86
26 05 33 23-0551		EA	Internal Wire Guard (Wiremold #5006A)	14.16	5.86
26 05 33 23-0552		EA	Device Bracket (Wiremold #5007C)	15.99	5.86
26 05 33 23-0553		EA	Device Plate (Wiremold #5007C-1)	29.21	11.72
26 05 33 23-0554		EA	Deep Device Plate (Wiremold #5007C-2)	30.15	11.72
26 05 33 23-0555		EA	Right Or Left End Cap (Wiremold #5010)	25.68	11.14
26 05 33 23-0556		EA	Entrance End Feed (Wiremold #5010A)	48.97	18.16
26 05 33 23-0557		EA	Internal Base Elbow (Wiremold #5017B)	34.48	14.66
26 05 33 23-0558		EA	Internal Cover Elbow (Wiremold #5017C)	30.76	11.72
26 05 33 23-0559		EA	Internal Elbow Wire Guard (Wiremold #5017WG)	21.25	8.79
26 05 33 23-0560		EA	External Base Elbow (Wiremold #5018B)	34.41	14.66
26 05 33 23-0561		EA	External Cover Elbow (Wiremold #5018C)	31.01	11.72
26 05 33 23-0562		EA	External Elbow Wire Guard (Wiremold #5018WG)	13.91	5.86
26 05 33 23-0563			5-1/4" x 1-11/16" Two Piece Surface Non-Metallic Raceways (Wiremold #5400) *(26 05 33 23-0538)*		
26 05 33 23-0564		LF	5-1/4" x 1-11/16", Two Compartment, Two Piece Surface Non-Metallic Raceway Base (Wiremold #5400TB)	16.36	5.27
			For Concrete Or Masonry Surface, Add	*0.53*	
26 05 33 23-0565		LF	Full Width Cover (Wiremold #5400C)	5.43	0.58
26 05 33 23-0566		LF	Twin Snap Cover (Wiremold #5400TC)	3.53	0.58
26 05 33 23-0567		EA	Twin Snap Cover Wire Clips (Wiremold #5400TWC)	6.48	2.93
26 05 33 23-0568		EA	Cover Clip (Wiremold #5406A)	10.65	3.52
26 05 33 23-0569		EA	Twin Cover Clip (Wiremold #5406T)	9.09	3.52
26 05 33 23-0570		EA	Base Seam Clip (Wiremold #5406TB)	8.20	3.52
26 05 33 23-0571		EA	L Or R (Left Or Right) Transition Fitting (Wiremold #5408)	60.29	18.16
26 05 33 23-0572		EA	End Cap (Wiremold #5410)	29.98	11.14
26 05 33 23-0573		EA	Radiused Divided Entrance Cap Fitting (Wiremold #5410DFO)	58.00	18.16
26 05 33 23-0574		EA	Radiused Flat 90 Degree Elbow (Wiremold #5411FO)	52.54	14.66
26 05 33 23-0575		EA	Tee Fitting (Wiremold #5415)	60.84	18.16
26 05 33 23-0576		EA	Radiused Tee Fitting (Wiremold #5415FO)	63.54	18.16
26 05 33 23-0577		EA	Radiused Internal Elbow (Wiremold #5417FO)	50.96	18.16
26 05 33 23-0578		EA	External Elbow (Wiremold #5418)	51.63	18.16
26 05 33 23-0579		EA	Radiused External Elbow (Wiremold #5418FO)	52.26	18.16
26 05 33 23-0580		EA	5-5/32" x 6" Device Bracket (Wiremold #5450)	24.08	5.86
26 05 33 23-0581		EA	7-19/32" x 7-1/2" Device Bracket (Wiremold #5450A3)	31.44	5.86
26 05 33 23-0582		EA	2-1/2" x 4-7/8" Twin Snap Device Bracket (Wiremold #5450T)	18.65	5.86
26 05 33 23-0583		EA	Transition Fitting (Wiremold #5474)	53.52	18.16
26 05 33 23-0584			6-11/16" x 1-11/16" Two Piece Surface Non-Metallic Raceways (Wiremold #5500) *(26 05 33 23-0538)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0585	LF	6-11/16" x 1-11/16", Three Compartment Divided, Two Piece Surface Non-Metallic Raceway Base (Wiremold #5500BD3)	20.21	5.27
		For Concrete Or Masonry Surface, Add	*0.53*	
26 05 33 23-0586	LF	Cover (Wiremold #5500C)	7.10	0.58
26 05 33 23-0587	EA	Wire Clips (Wiremold #5500WC)	7.46	2.93
26 05 33 23-0588	EA	Cover Clip (Wiremold #5506)	11.89	3.52
26 05 33 23-0589	EA	Base Seam Clip Fitting (Wiremold #5506B)	8.62	3.52
26 05 33 23-0590	EA	Modular Furniture Adapter (Wiremold #5507AD)	11.13	3.52
26 05 33 23-0591	EA	Blank Faceplate (Wiremold #5507B)	11.17	3.52
26 05 33 23-0592	EA	Duplex Receptacle Faceplate (Wiremold #5507D)	11.23	3.52
26 05 33 23-0593	EA	Dual RJ Connector Faceplate (Wiremold #5507FRJ)	11.23	3.52
26 05 33 23-0594	EA	Rectangular Receptacle Faceplate (Wiremold #5507R)	11.12	3.52
26 05 33 23-0595	EA	Dual RJ Connector Faceplate (Wiremold #5507RJ)	11.14	3.52
26 05 33 23-0596	EA	Rectangular Spacer Fitting (Wiremold #5507S)	11.06	3.52
26 05 33 23-0597	EA	Switch Faceplate (Wiremold #5507SW)	11.09	3.52
26 05 33 23-0598	EA	Twistlock Faceplate (Wiremold #5507T1)	11.17	3.52
26 05 33 23-0599	EA	Single Receptacle Faceplate (Wiremold #5507T2)	10.95	3.52
26 05 33 23-0600	EA	6-5/8" x 6" Device Bracket (Wiremold #5550)	28.59	5.86
26 05 33 23-0601	EA	9-5/8" x 7-1/2" Device Bracket (Wiremold #5550A4)	38.08	5.86
26 05 33 23-0602	EA	End Cap (Wiremold #5510)	32.36	11.14
26 05 33 23-0603	EA	Entrance End Fitting (Wiremold #5510D)	65.61	18.16
26 05 33 23-0604	EA	Radiused Flat 90 Degree Elbow (Wiremold #5511FO)	59.56	14.66
26 05 33 23-0605	EA	Backfeed Connector (Wiremold #5514A)	48.35	14.66
26 05 33 23-0606	EA	Tee Fitting (Wiremold #5515)	68.80	18.16
26 05 33 23-0607	EA	Radiused Internal Elbow (Wiremold #5517FO)	55.82	18.16
26 05 33 23-0608	EA	External Elbow (Wiremold #5518)	57.12	18.16
26 05 33 23-0609	EA	Radiused External Elbow (Wiremold #5518FO)	59.86	18.16
26 05 33 23-0610	EA	Transition Fitting (Wiremold #5574)	54.51	18.16
26 05 33 23-0611	EA	Transition Fitting (Wiremold #5574A)	72.25	18.16

26 05 33 23-0612 Surface Cable Protection System *(26 05 33 23)*

26 05 33 23-0613	EA	35-1/2" Long x 18-9/16" Wide x 3" High, Three Channel, Heavy-Duty Polyurethene, Surface Cable Protector (Yellow Jacket® CP-YJHD-3) Note: Modular interlocking design with hinged lid.	645.07	
26 05 33 23-0614	EA	35-3/4" Long x 19-3/4" Wide x 1-7/8" High, Five Channel, Heavy-Duty Polyurethene, Surface Cable Protector (Yellow Jacket® CP-YJHD-5) Note: Modular interlocking design with hinged lid.	486.40	

26 05 36 Cable Trays for Electrical Systems *(26 05)*

26 05 36 00-0001 Cable Trays *(26 05 36)*

Note: Excludes supporting hangers.

26 05 36 00-0002 Ladder Bottom Galvanized Steel Cable Tray *(26 05 36 00-0001)*

26 05 36 00-0003 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray *(26 05 36 00-0002)*

26 05 36 00-0004 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray *(26 05 36 00-0003)*

26 05 36 00-0005	LF	6" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	44.20	12.32
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.39*	
26 05 36 00-0006	LF	9" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	47.77	13.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.68*	
26 05 36 00-0007	LF	12" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	52.23	14.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-4.03*	
26 05 36 00-0008	LF	18" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	58.20	15.14
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-4.56*	
26 05 36 00-0009	LF	24" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	63.97	15.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-5.10*	
26 05 36 00-0010	LF	30" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	78.02	18.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-6.30*	
26 05 36 00-0011	LF	36" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	87.52	20.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-7.04*	

26 05 36 00-0012 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray *(26 05 36 00-0003)*

26 05 36 00-0013	LF	6" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	41.64	12.06
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.15*	
26 05 36 00-0014	LF	9" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	45.08	12.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.44*	
26 05 36 00-0015	LF	12" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	48.09	13.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.64*	
26 05 36 00-0016	LF	18" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	52.78	14.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-4.05*	
26 05 36 00-0017	LF	24" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	56.95	15.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-4.43*	
26 05 36 00-0018	LF	30" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	66.97	17.58
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-5.23*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0019		LF	36" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	73.16	19.24
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-5.71*	

26 05 36 00-0020 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray *(26 05 36 00-0003)*

26 05 36 00-0021		LF	6" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	40.10	11.93
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.02*	
26 05 36 00-0022		LF	9" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	41.30	12.32
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.10*	
26 05 36 00-0023		LF	12" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	45.54	13.09
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.47*	
26 05 36 00-0024		LF	18" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	49.92	13.73
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.84*	
26 05 36 00-0025		LF	24" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	54.17	14.11
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-4.24*	
26 05 36 00-0026		LF	30" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	59.05	15.39
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-4.63*	
26 05 36 00-0027		LF	36" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	63.43	16.67
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-4.95*	

26 05 36 00-0028 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray *(26 05 36 00-0003)*

26 05 36 00-0029		LF	6" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	38.92	11.41
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.94*	
26 05 36 00-0030		LF	9" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	39.73	11.67
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.00*	
26 05 36 00-0031		LF	12" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	42.08	12.32
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.18*	
26 05 36 00-0032		LF	18" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	44.58	12.96
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.38*	
26 05 36 00-0033		LF	24" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	46.48	12.96
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.57*	
26 05 36 00-0034		LF	30" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	51.39	13.99
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.98*	
26 05 36 00-0035		LF	36" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	54.14	14.63
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-4.19*	

26 05 36 00-0036 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray *(26 05 36 00-0003)*

26 05 36 00-0037		LF	6" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	38.39	11.16
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.91*	
26 05 36 00-0038		LF	9" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	39.06	11.41
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.95*	
26 05 36 00-0039		LF	12" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	41.41	12.06
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.14*	
26 05 36 00-0040		LF	18" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	43.49	12.58
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.30*	
26 05 36 00-0041		LF	24" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	44.22	12.70
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.36*	
26 05 36 00-0042		LF	30" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	46.97	13.60
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.56*	
26 05 36 00-0043		LF	36" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	48.99	14.37
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.70*	

26 05 36 00-0044 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fittings *(26 05 36 00-0002)*

26 05 36 00-0045 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0046		EA	6" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	342.25	128.68
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.51*	
26 05 36 00-0047		EA	9" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	382.28	146.52
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.01*	
26 05 36 00-0048		EA	12" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	420.15	162.04
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.52*	
26 05 36 00-0049		EA	18" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	525.82	198.60
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.03*	
26 05 36 00-0050		EA	24" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	599.19	227.99
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.92*	
26 05 36 00-0051		EA	30" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	715.82	256.60
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0052	EA	36" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	825.65	293.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.13*	

26 05 36 00-0053 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0054	EA	6" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	486.87	133.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.53*	
26 05 36 00-0055	EA	9" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	528.33	153.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.01*	
26 05 36 00-0056	EA	12" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	567.19	171.02
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.46*	
26 05 36 00-0057	EA	18" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	658.42	212.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.14*	
26 05 36 00-0058	EA	24" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	737.41	246.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.21*	
26 05 36 00-0059	EA	30" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	821.33	279.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.82*	
26 05 36 00-0060	EA	36" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	962.08	323.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-69.21*	

26 05 36 00-0061 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0062	EA	6" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	525.33	139.84
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.88*	
26 05 36 00-0063	EA	9" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	578.21	161.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.33*	
26 05 36 00-0064	EA	12" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	624.68	181.16
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.37*	
26 05 36 00-0065	EA	18" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	749.36	227.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.94*	
26 05 36 00-0066	EA	24" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	851.96	267.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.89*	
26 05 36 00-0067	EA	30" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,000.23	307.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.36*	
26 05 36 00-0068	EA	36" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,134.58	361.80
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-83.31*	

26 05 36 00-0069 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0070	EA	6" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	254.83	93.27
		For 30 Degree Bend, Deduct	*-85.77*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.71*	
		For 60 Degree Bend, Deduct	*-48.35*	
26 05 36 00-0071	EA	9" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	289.87	111.87
		For 30 Degree Bend, Deduct	*-94.20*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.67*	
		For 60 Degree Bend, Deduct	*-52.79*	
26 05 36 00-0072	EA	12" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	321.39	128.30
		For 30 Degree Bend, Deduct	*-101.92*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.45*	
		For 60 Degree Bend, Deduct	*-56.88*	
26 05 36 00-0073	EA	18" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	383.85	162.17
		For 30 Degree Bend, Deduct	*-116.54*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.87*	
		For 60 Degree Bend, Deduct	*-64.52*	
26 05 36 00-0074	EA	24" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	477.11	198.60
		For 30 Degree Bend, Deduct	*-146.56*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.16*	
		For 60 Degree Bend, Deduct	*-81.32*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	26 05 36 00-0075	EA	30" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	566.72	227.99
			For 30 Degree Bend, Deduct	*-178.69*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.67*	
			For 60 Degree Bend, Deduct	*-99.61*	
	26 05 36 00-0076	EA	36" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	640.91	267.63
			For 30 Degree Bend, Deduct	*-196.37*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.79*	
			For 60 Degree Bend, Deduct	*-108.90*	

26 05 36 00-0077 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

	26 05 36 00-0078	EA	6" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	286.10	96.22
			For 30 Degree Bend, Deduct	*-101.26*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.60*	
			For 60 Degree Bend, Deduct	*-57.55*	
	26 05 36 00-0079	EA	9" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	327.27	115.98
			For 30 Degree Bend, Deduct	*-112.33*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.06*	
			For 60 Degree Bend, Deduct	*-63.53*	
	26 05 36 00-0080	EA	12" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	373.37	133.94
			For 30 Degree Bend, Deduct	*-127.23*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.18*	
			For 60 Degree Bend, Deduct	*-71.88*	
	26 05 36 00-0081	EA	18" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	439.34	171.02
			For 30 Degree Bend, Deduct	*-141.85*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.68*	
			For 60 Degree Bend, Deduct	*-79.41*	
	26 05 36 00-0082	EA	24" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	540.72	212.45
			For 30 Degree Bend, Deduct	*-173.49*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.37*	
			For 60 Degree Bend, Deduct	*-97.01*	
	26 05 36 00-0083	EA	30" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	633.91	246.45
			For 30 Degree Bend, Deduct	*-204.91*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.86*	
			For 60 Degree Bend, Deduct	*-114.73*	
	26 05 36 00-0084	EA	36" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	744.63	293.41
			For 30 Degree Bend, Deduct	*-238.42*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.02*	
			For 60 Degree Bend, Deduct	*-133.27*	

26 05 36 00-0085 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

	26 05 36 00-0086	EA	6" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	346.03	99.30
			For 30 Degree Bend, Deduct	*-132.42*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.33*	
			For 60 Degree Bend, Deduct	*-76.14*	
	26 05 36 00-0087	EA	9" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	391.72	120.60
			For 30 Degree Bend, Deduct	*-145.11*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.12*	
			For 60 Degree Bend, Deduct	*-83.05*	
	26 05 36 00-0088	EA	12" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	428.09	139.97
			For 30 Degree Bend, Deduct	*-153.81*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.15*	
			For 60 Degree Bend, Deduct	*-87.62*	
	26 05 36 00-0089	EA	18" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	513.06	181.16
			For 30 Degree Bend, Deduct	*-176.48*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.21*	
			For 60 Degree Bend, Deduct	*-99.85*	
	26 05 36 00-0090	EA	24" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	603.25	227.99
			For 30 Degree Bend, Deduct	*-198.78*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.32*	
			For 60 Degree Bend, Deduct	*-111.67*	
	26 05 36 00-0091	EA	30" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	734.26	267.63
			For 30 Degree Bend, Deduct	*-247.71*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.12*	
			For 60 Degree Bend, Deduct	*-139.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0092	EA	36" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	860.61	323.95
		For 30 Degree Bend, Deduct	*-284.35*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.06*	
		For 60 Degree Bend, Deduct	*-159.81*	
26 05 36 00-0093		**12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0044)*		
26 05 36 00-0094	EA	6" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	371.47	128.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.46*	
26 05 36 00-0095	EA	9" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	405.54	146.52
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.34*	
26 05 36 00-0096	EA	12" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	436.68	162.04
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.17*	
26 05 36 00-0097	EA	18" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	504.95	198.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.95*	
26 05 36 00-0098	EA	24" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	561.21	227.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.12*	
26 05 36 00-0099	EA	30" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	623.34	256.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.95*	
26 05 36 00-0100	EA	36" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	691.13	292.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.70*	
26 05 36 00-0101		**24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0044)*		
26 05 36 00-0102	EA	6" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	445.92	133.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.44*	
26 05 36 00-0103	EA	9" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	484.90	153.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.66*	
26 05 36 00-0104	EA	12" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	522.47	171.02
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.99*	
26 05 36 00-0105	EA	18" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	604.07	212.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.71*	
26 05 36 00-0106	EA	24" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	673.41	246.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.81*	
26 05 36 00-0107	EA	30" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	743.42	279.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.03*	
26 05 36 00-0108	EA	36" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	851.62	323.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.16*	
26 05 36 00-0109		**36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0044)*		
26 05 36 00-0110	EA	6" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	533.88	139.84
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.73*	
26 05 36 00-0111	EA	9" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	581.63	162.04
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.66*	
26 05 36 00-0112	EA	12" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	617.29	181.16
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.63*	
26 05 36 00-0113	EA	18" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	720.66	227.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.07*	
26 05 36 00-0114	EA	24" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	790.36	267.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.73*	
26 05 36 00-0115	EA	30" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	904.56	307.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-64.80*	
26 05 36 00-0116	EA	36" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,019.63	361.80
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0117		12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*		
26 05 36 00-0118	EA	6" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	663.19	246.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.79*	
26 05 36 00-0119	EA	9" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	717.45	267.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.44*	
26 05 36 00-0120	EA	12" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	752.62	279.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.95*	
26 05 36 00-0121	EA	18" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	841.07	307.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.45*	
26 05 36 00-0122	EA	24" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	954.12	341.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.93*	
26 05 36 00-0123	EA	30" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,063.83	362.44
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-76.18*	
26 05 36 00-0124	EA	36" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,203.98	410.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-86.20*	
26 05 36 00-0125		24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*		
26 05 36 00-0126	EA	6" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	841.82	267.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.88*	
26 05 36 00-0127	EA	9" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	903.50	293.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.90*	
26 05 36 00-0128	EA	12" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	942.83	307.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.62*	
26 05 36 00-0129	EA	18" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,033.27	341.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.84*	
26 05 36 00-0130	EA	24" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,146.50	384.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-82.58*	
26 05 36 00-0131	EA	30" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,234.13	410.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-89.22*	
26 05 36 00-0132	EA	36" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,494.77	474.05
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-109.98*	
26 05 36 00-0133		36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*		
26 05 36 00-0134	EA	6" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,080.64	293.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-83.62*	
26 05 36 00-0135	EA	9" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,154.29	323.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-88.43*	
26 05 36 00-0136	EA	12" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,225.48	341.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-94.06*	
26 05 36 00-0137	EA	18" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,346.25	384.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-102.55*	
26 05 36 00-0138	EA	24" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,527.50	439.42
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-116.14*	
26 05 36 00-0139	EA	30" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,656.83	474.05
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-126.18*	
26 05 36 00-0140	EA	36" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,863.28	559.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-139.71*	
26 05 36 00-0141		12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*		
26 05 36 00-0142	EA	6" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	809.67	227.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0143	EA	9" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	828.40	236.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.09*	
26 05 36 00-0144	EA	12" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	847.86	246.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-64.25*	
26 05 36 00-0145	EA	18" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	890.81	267.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.78*	
26 05 36 00-0146	EA	24" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	918.45	279.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.54*	
26 05 36 00-0147	EA	30" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	995.59	307.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-73.90*	
26 05 36 00-0148	EA	36" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,070.95	341.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-78.61*	
26 05 36 00-0149		24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*		
26 05 36 00-0150	EA	6" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,187.06	246.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-98.17*	
26 05 36 00-0151	EA	9" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,215.33	256.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-100.15*	
26 05 36 00-0152	EA	12" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,245.08	267.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-102.20*	
26 05 36 00-0153	EA	18" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,310.53	293.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-106.61*	
26 05 36 00-0154	EA	24" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,357.40	307.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-110.08*	
26 05 36 00-0155	EA	30" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,436.53	341.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-115.17*	
26 05 36 00-0156	EA	36" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,546.00	384.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-122.53*	
26 05 36 00-0157		36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*		
26 05 36 00-0158	EA	6" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,897.09	267.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-167.40*	
26 05 36 00-0159	EA	9" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,936.03	279.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-170.29*	
26 05 36 00-0160	EA	12" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,977.62	293.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-173.32*	
26 05 36 00-0161	EA	18" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,047.50	323.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-177.75*	
26 05 36 00-0162	EA	24" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,096.07	341.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-181.12*	
26 05 36 00-0163	EA	30" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,224.39	384.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-190.37*	
26 05 36 00-0164	EA	36" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,334.03	439.42
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-196.79*	
26 05 36 00-0165		12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*		
26 05 36 00-0166	EA	6" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	825.99	307.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.94*	
26 05 36 00-0167	EA	9" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	867.86	323.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.79*	
26 05 36 00-0168	EA	12" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	927.74	341.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-64.29*	
26 05 36 00-0169	EA	18" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	995.99	362.44
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-69.40*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0170	EA	24" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,121.06	410.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-77.91*	
26 05 36 00-0171	EA	30" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,256.15	439.42
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-89.00*	
26 05 36 00-0172	EA	36" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,374.17	474.05
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-97.92*	
26 05 36 00-0173		24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*		
26 05 36 00-0174	EA	6" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,176.48	341.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-89.16*	
26 05 36 00-0175	EA	9" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,229.65	362.44
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-92.76*	
26 05 36 00-0176	EA	12" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,285.95	384.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-96.52*	
26 05 36 00-0177	EA	18" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,369.81	410.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-102.79*	
26 05 36 00-0178	EA	24" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,521.15	474.05
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-112.62*	
26 05 36 00-0179	EA	30" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,635.46	513.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-120.78*	
26 05 36 00-0180	EA	36" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,836.90	559.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-137.07*	
26 05 36 00-0181		36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*		
26 05 36 00-0182	EA	6" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,489.47	384.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-116.87*	
26 05 36 00-0183	EA	9" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,569.55	410.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-122.76*	
26 05 36 00-0184	EA	12" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,655.64	439.42
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-128.95*	
26 05 36 00-0185	EA	18" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,807.58	474.05
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-141.26*	
26 05 36 00-0186	EA	24" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,063.03	559.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-159.68*	
26 05 36 00-0187	EA	30" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,249.60	614.79
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-173.72*	
26 05 36 00-0188	EA	36" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,460.51	684.84
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-188.98*	
26 05 36 00-0189		12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*		
26 05 36 00-0190	EA	6" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	966.76	307.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.02*	
26 05 36 00-0191	EA	9" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,015.59	324.08
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.55*	
26 05 36 00-0192	EA	12" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,088.76	341.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-80.40*	
26 05 36 00-0193	EA	18" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,172.59	362.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-87.05*	
26 05 36 00-0194	EA	24" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,317.80	410.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-97.59*	
26 05 36 00-0195	EA	30" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,492.23	439.54
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-112.59*	
26 05 36 00-0196	EA	36" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,636.07	473.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-124.16*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0197		24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*		
26 05 36 00-0198	EA	6" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,449.53	341.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-116.47*	
26 05 36 00-0199	EA	9" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,511.19	362.44
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-120.92*	
26 05 36 00-0200	EA	12" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,575.96	384.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-125.52*	
26 05 36 00-0201	EA	18" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,678.47	410.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-133.65*	
26 05 36 00-0202	EA	24" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,850.17	474.05
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-145.52*	
26 05 36 00-0203	EA	30" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,986.52	513.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-155.89*	
26 05 36 00-0204	EA	36" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,243.93	559.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-177.77*	
26 05 36 00-0205		36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*		
26 05 36 00-0206	EA	6" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,871.06	384.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-155.03*	
26 05 36 00-0207	EA	9" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,968.11	410.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-162.62*	
26 05 36 00-0208	EA	12" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,071.15	439.42
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-170.50*	
26 05 36 00-0209	EA	18" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,265.49	474.05
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-187.05*	
26 05 36 00-0210	EA	24" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,571.82	559.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-210.56*	
26 05 36 00-0211	EA	30" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,800.79	614.79
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-228.84*	
26 05 36 00-0212	EA	36" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	3,054.10	684.84
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-248.34*	
26 05 36 00-0213		6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fittings *(26 05 36 00-0002)*		
26 05 36 00-0214		12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*		
26 05 36 00-0215	EA	6" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	323.99	128.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.68*	
26 05 36 00-0216	EA	9" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	362.56	146.52
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.04*	
26 05 36 00-0217	EA	12" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	398.70	162.04
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.37*	
26 05 36 00-0218	EA	18" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	497.99	198.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.25*	
26 05 36 00-0219	EA	24" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	567.88	227.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.79*	
26 05 36 00-0220	EA	30" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	674.65	256.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.08*	
26 05 36 00-0221	EA	36" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	777.53	293.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.31*	
26 05 36 00-0222		24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*		

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0223		EA	6" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	449.18	133.81
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.77*	
26 05 36 00-0224		EA	9" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	489.48	153.83
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.13*	
26 05 36 00-0225		EA	12" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	526.89	171.02
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.43*	
26 05 36 00-0226		EA	18" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	614.94	212.45
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.79*	
26 05 36 00-0227		EA	24" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	690.73	246.45
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.54*	
26 05 36 00-0228		EA	30" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	770.59	279.68
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.75*	
26 05 36 00-0229		EA	36" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	901.78	323.95
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.18*	

26 05 36 00-0230 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0231		EA	6" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	483.58	139.84
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.70*	
26 05 36 00-0232		EA	9" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	534.15	161.91
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.93*	
26 05 36 00-0233		EA	12" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	578.58	181.16
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.76*	
26 05 36 00-0234		EA	18" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	696.60	227.99
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.66*	
26 05 36 00-0235		EA	24" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	793.98	267.63
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.09*	
26 05 36 00-0236		EA	30" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	930.65	307.91
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.41*	
26 05 36 00-0237		EA	36" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,058.63	361.80
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-75.72*	

26 05 36 00-0238 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0239		EA	6" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	240.62	93.27
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.29*	
			For 60 Degree Bend, Deduct	*-43.66*	
			For 30 Degree Bend, Deduct	*-77.95*	
26 05 36 00-0240		EA	9" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	275.08	111.87
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.19*	
			For 60 Degree Bend, Deduct	*-47.91*	
			For 30 Degree Bend, Deduct	*-86.06*	
26 05 36 00-0241		EA	12" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	306.02	128.30
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.91*	
			For 60 Degree Bend, Deduct	*-51.81*	
			For 30 Degree Bend, Deduct	*-93.47*	
26 05 36 00-0242		EA	18" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	367.62	162.17
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.25*	
			For 60 Degree Bend, Deduct	*-59.17*	
			For 30 Degree Bend, Deduct	*-107.62*	
26 05 36 00-0243		EA	24" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	456.24	198.60
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.07*	
			For 60 Degree Bend, Deduct	*-74.43*	
			For 30 Degree Bend, Deduct	*-135.08*	
26 05 36 00-0244		EA	30" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	540.05	227.99
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.00*	
			For 60 Degree Bend, Deduct	*-90.81*	
			For 30 Degree Bend, Deduct	*-164.02*	
26 05 36 00-0245		EA	36" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	613.08	267.63
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.00*	
			For 60 Degree Bend, Deduct	*-99.72*	
			For 30 Degree Bend, Deduct	*-181.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0246		24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*		
26 05 36 00-0247	EA	6" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	268.13	96.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.80*	
		For 60 Degree Bend, Deduct	*-51.62*	
		For 30 Degree Bend, Deduct	*-91.37*	
26 05 36 00-0248	EA	9" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	308.13	115.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.15*	
		For 60 Degree Bend, Deduct	*-57.22*	
		For 30 Degree Bend, Deduct	*-101.81*	
26 05 36 00-0249	EA	12" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	351.92	133.94
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.03*	
		For 60 Degree Bend, Deduct	*-64.80*	
		For 30 Degree Bend, Deduct	*-115.44*	
26 05 36 00-0250	EA	18" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	417.31	171.02
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.48*	
		For 60 Degree Bend, Deduct	*-72.14*	
		For 30 Degree Bend, Deduct	*-129.73*	
26 05 36 00-0251	EA	24" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	514.05	212.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.70*	
		For 60 Degree Bend, Deduct	*-88.21*	
		For 30 Degree Bend, Deduct	*-158.82*	
26 05 36 00-0252	EA	30" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	602.02	246.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.67*	
		For 60 Degree Bend, Deduct	*-104.21*	
		For 30 Degree Bend, Deduct	*-187.37*	
26 05 36 00-0253	EA	36" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	708.10	293.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.36*	
		For 60 Degree Bend, Deduct	*-121.22*	
		For 30 Degree Bend, Deduct	*-218.33*	
26 05 36 00-0254		36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*		
26 05 36 00-0255	EA	6" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	320.23	99.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.75*	
		For 60 Degree Bend, Deduct	*-67.63*	
		For 30 Degree Bend, Deduct	*-118.23*	
26 05 36 00-0256	EA	9" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	364.47	120.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.40*	
		For 60 Degree Bend, Deduct	*-74.05*	
		For 30 Degree Bend, Deduct	*-130.12*	
26 05 36 00-0257	EA	12" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	400.26	139.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.36*	
		For 60 Degree Bend, Deduct	*-78.43*	
		For 30 Degree Bend, Deduct	*-138.50*	
26 05 36 00-0258	EA	18" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	482.91	181.16
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.19*	
		For 60 Degree Bend, Deduct	*-89.90*	
		For 30 Degree Bend, Deduct	*-159.90*	
26 05 36 00-0259	EA	24" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	571.36	227.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.14*	
		For 60 Degree Bend, Deduct	*-101.14*	
		For 30 Degree Bend, Deduct	*-181.24*	
26 05 36 00-0260	EA	30" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	693.09	267.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.00*	
		For 60 Degree Bend, Deduct	*-126.12*	
		For 30 Degree Bend, Deduct	*-225.07*	
26 05 36 00-0261	EA	36" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	814.80	323.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.48*	
		For 60 Degree Bend, Deduct	*-144.69*	
		For 30 Degree Bend, Deduct	*-259.15*	
26 05 36 00-0262		12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0263	EA	6" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	358.86	128.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.19*	
26 05 36 00-0264	EA	9" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	392.64	146.52
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.05*	
26 05 36 00-0265	EA	12" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	423.34	162.04
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.84*	
26 05 36 00-0266	EA	18" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	491.03	198.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.55*	
26 05 36 00-0267	EA	24" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	546.72	227.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.67*	
26 05 36 00-0268	EA	30" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	607.68	256.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.39*	
26 05 36 00-0269	EA	36" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	674.89	292.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.08*	

26 05 36 00-0270 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0271	EA	6" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	428.09	133.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.66*	
26 05 36 00-0272	EA	9" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	466.64	153.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.83*	
26 05 36 00-0273	EA	12" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	503.48	171.02
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.09*	
26 05 36 00-0274	EA	18" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	584.06	212.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.71*	
26 05 36 00-0275	EA	24" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	652.39	246.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.71*	
26 05 36 00-0276	EA	30" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	721.24	279.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.81*	
26 05 36 00-0277	EA	36" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	826.69	323.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.67*	

26 05 36 00-0278 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0279	EA	6" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	509.82	139.84
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.33*	
26 05 36 00-0280	EA	9" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	556.70	162.04
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.17*	
26 05 36 00-0281	EA	12" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	592.06	181.16
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.11*	
26 05 36 00-0282	EA	18" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	693.41	227.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.34*	
26 05 36 00-0283	EA	24" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	762.82	267.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.98*	
26 05 36 00-0284	EA	30" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	873.25	307.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.67*	
26 05 36 00-0285	EA	36" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	986.30	361.80
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.49*	

26 05 36 00-0286 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0287	EA	6" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	643.77	246.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.84*	
26 05 36 00-0288	EA	9" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	696.57	267.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0289	EA	12" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	730.59	279.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.75*	
26 05 36 00-0290	EA	18" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	815.85	307.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.93*	
26 05 36 00-0291	EA	24" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	924.55	341.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.97*	
26 05 36 00-0292	EA	30" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,028.46	362.44
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-72.64*	
26 05 36 00-0293	EA	36" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,163.97	410.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-82.20*	
26 05 36 00-0294		**24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0213)*		
26 05 36 00-0295	EA	6" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	811.38	267.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.83*	
26 05 36 00-0296	EA	9" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	871.61	293.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.71*	
26 05 36 00-0297	EA	12" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	909.78	307.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.32*	
26 05 36 00-0298	EA	18" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	997.61	341.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.28*	
26 05 36 00-0299	EA	24" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,107.65	384.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-78.69*	
26 05 36 00-0300	EA	30" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,191.80	410.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-84.99*	
26 05 36 00-0301	EA	36" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,440.56	474.05
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-104.56*	
26 05 36 00-0302		**36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0213)*		
26 05 36 00-0303	EA	6" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,035.12	293.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-79.07*	
26 05 36 00-0304	EA	9" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,107.03	323.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-83.70*	
26 05 36 00-0305	EA	12" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,175.03	341.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-89.02*	
26 05 36 00-0306	EA	18" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,292.04	384.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-97.13*	
26 05 36 00-0307	EA	24" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,466.33	439.42
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-110.02*	
26 05 36 00-0308	EA	30" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,590.15	474.05
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-119.52*	
26 05 36 00-0309	EA	36" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,791.67	559.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-132.55*	
26 05 36 00-0310		**12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0213)*		
26 05 36 00-0311	EA	6" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	776.62	227.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.66*	
26 05 36 00-0312	EA	9" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	795.07	236.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.76*	
26 05 36 00-0313	EA	12" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	814.23	246.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.89*	
26 05 36 00-0314	EA	18" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	856.60	267.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.36*	
26 05 36 00-0315	EA	24" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	883.66	279.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0316	EA	30" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	958.48	307.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-70.19*	
26 05 36 00-0317	EA	36" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,032.40	341.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.76*	

26 05 36 00-0318 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0319	EA	6" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,127.34	246.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-92.20*	
26 05 36 00-0320	EA	9" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,154.74	256.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-94.09*	
26 05 36 00-0321	EA	12" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,183.62	267.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-96.06*	
26 05 36 00-0322	EA	18" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,247.33	293.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-100.29*	
26 05 36 00-0323	EA	24" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,292.46	307.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-103.59*	
26 05 36 00-0324	EA	30" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,369.85	341.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-108.50*	
26 05 36 00-0325	EA	36" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,476.42	384.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-115.57*	

26 05 36 00-0326 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0327	EA	6" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,785.47	267.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-156.24*	
26 05 36 00-0328	EA	9" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,822.97	279.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-158.99*	
26 05 36 00-0329	EA	12" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,863.10	293.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-161.86*	
26 05 36 00-0330	EA	18" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,931.54	323.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-166.16*	
26 05 36 00-0331	EA	24" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,978.66	341.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-169.38*	
26 05 36 00-0332	EA	30" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,102.62	384.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-178.19*	
26 05 36 00-0333	EA	36" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,210.82	439.42
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-184.47*	

26 05 36 00-0334 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0335	EA	6" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	801.93	307.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.53*	
26 05 36 00-0336	EA	9" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	842.64	323.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.27*	
26 05 36 00-0337	EA	12" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	900.20	341.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.54*	
26 05 36 00-0338	EA	18" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	965.84	362.44
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.38*	
26 05 36 00-0339	EA	24" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,087.43	410.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.55*	
26 05 36 00-0340	EA	30" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,215.85	439.42
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-84.97*	
26 05 36 00-0341	EA	36" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,329.23	474.05
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-93.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0342		**24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0213)*		
26 05 36 00-0343	EA	6" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,129.81	341.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-84.50*	
26 05 36 00-0344	EA	9" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,181.53	362.44
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-87.95*	
26 05 36 00-0345	EA	12" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,236.37	384.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-91.56*	
26 05 36 00-0346	EA	18" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,317.04	410.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-97.51*	
26 05 36 00-0347	EA	24" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,464.91	474.05
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-106.99*	
26 05 36 00-0348	EA	30" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,575.45	513.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-114.78*	
26 05 36 00-0349	EA	36" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,767.32	559.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-130.11*	
26 05 36 00-0350		**36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0213)*		
26 05 36 00-0351	EA	6" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,424.24	384.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-110.35*	
26 05 36 00-0352	EA	9" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,501.42	410.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-115.95*	
26 05 36 00-0353	EA	12" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,584.61	439.42
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-121.85*	
26 05 36 00-0354	EA	18" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,729.31	474.05
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-133.43*	
26 05 36 00-0355	EA	24" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,976.05	559.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-150.99*	
26 05 36 00-0356	EA	30" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,155.38	614.79
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-164.30*	
26 05 36 00-0357	EA	36" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,359.04	684.84
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-178.83*	
26 05 36 00-0358		**12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0213)*		
26 05 36 00-0359	EA	6" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	931.87	307.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.53*	
26 05 36 00-0360	EA	9" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	979.01	324.08
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-70.89*	
26 05 36 00-0361	EA	12" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,048.82	341.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-76.40*	
26 05 36 00-0362	EA	18" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,128.87	362.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-82.67*	
26 05 36 00-0363	EA	24" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,269.03	410.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-92.71*	
26 05 36 00-0364	EA	30" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,433.80	439.54
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-106.75*	
26 05 36 00-0365	EA	36" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,570.92	473.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-117.64*	
26 05 36 00-0366		**24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0213)*		
26 05 36 00-0367	EA	6" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,381.85	341.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-109.70*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0368		EA	9" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,441.40	362.44
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-113.94*	
26 05 36 00-0369		EA	12" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,504.08	384.88
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-118.33*	
26 05 36 00-0370		EA	18" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,601.97	410.29
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-126.00*	
26 05 36 00-0371		EA	24" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,768.62	474.05
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-137.36*	
26 05 36 00-0372		EA	30" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,899.51	513.18
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-147.19*	
26 05 36 00-0373		EA	36" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,143.04	559.37
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-167.69*	
26 05 36 00-0374			36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*		
26 05 36 00-0375		EA	6" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,776.48	384.88
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-145.57*	
26 05 36 00-0376		EA	9" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,869.32	410.29
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-152.74*	
26 05 36 00-0377		EA	12" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,968.16	439.42
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-160.20*	
26 05 36 00-0378		EA	18" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,151.99	474.05
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-175.70*	
26 05 36 00-0379		EA	24" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,445.71	559.37
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-197.95*	
26 05 36 00-0380		EA	30" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,664.17	614.79
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-215.18*	
26 05 36 00-0381		EA	36" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,906.97	684.84
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-233.63*	
26 05 36 00-0382			9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fittings *(26 05 36 00-0002)*		
26 05 36 00-0383			12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*		
26 05 36 00-0384		EA	6" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	305.72	128.68
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.85*	
26 05 36 00-0385		EA	9" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	342.85	146.52
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.07*	
26 05 36 00-0386		EA	12" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	377.25	162.04
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.23*	
26 05 36 00-0387		EA	18" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	470.16	198.60
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.47*	
26 05 36 00-0388		EA	24" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	536.57	227.99
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.66*	
26 05 36 00-0389		EA	30" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	633.49	256.60
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.97*	
26 05 36 00-0390		EA	36" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	729.40	293.28
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.50*	
26 05 36 00-0391			24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*		
26 05 36 00-0392		EA	6" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	411.49	133.81
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.00*	
26 05 36 00-0393		EA	9" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	450.63	153.83
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0394	EA	12" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	486.60	171.02
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.40*	
26 05 36 00-0395	EA	18" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	571.45	212.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.44*	
26 05 36 00-0396	EA	24" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	644.06	246.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.87*	
26 05 36 00-0397	EA	30" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	719.86	279.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.68*	
26 05 36 00-0398	EA	36" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	841.48	323.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.15*	
26 05 36 00-0399		**36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0382)*		
26 05 36 00-0400	EA	6" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	441.83	139.84
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.53*	
26 05 36 00-0401	EA	9" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	490.08	161.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.52*	
26 05 36 00-0402	EA	12" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	532.49	181.16
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.15*	
26 05 36 00-0403	EA	18" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	643.84	227.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.38*	
26 05 36 00-0404	EA	24" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	736.00	267.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.30*	
26 05 36 00-0405	EA	30" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	861.07	307.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.45*	
26 05 36 00-0406	EA	36" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	982.67	361.80
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.12*	
26 05 36 00-0407		**12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0382)*		
26 05 36 00-0408	EA	6" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	226.42	93.27
		For 60 Degree Bend, Deduct	*-38.98*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.87*	
		For 30 Degree Bend, Deduct	*-70.14*	
26 05 36 00-0409	EA	9" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	260.30	111.87
		For 60 Degree Bend, Deduct	*-43.03*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.71*	
		For 30 Degree Bend, Deduct	*-77.94*	
26 05 36 00-0410	EA	12" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	290.66	128.30
		For 60 Degree Bend, Deduct	*-46.74*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.37*	
		For 30 Degree Bend, Deduct	*-85.02*	
26 05 36 00-0411	EA	18" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	351.38	162.17
		For 60 Degree Bend, Deduct	*-53.81*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.63*	
		For 30 Degree Bend, Deduct	*-98.69*	
26 05 36 00-0412	EA	24" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	435.37	198.60
		For 60 Degree Bend, Deduct	*-67.54*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.99*	
		For 30 Degree Bend, Deduct	*-123.60*	
26 05 36 00-0413	EA	30" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	513.38	227.99
		For 60 Degree Bend, Deduct	*-82.01*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.34*	
		For 30 Degree Bend, Deduct	*-149.35*	
26 05 36 00-0414	EA	36" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	585.25	267.63
		For 60 Degree Bend, Deduct	*-90.53*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.22*	
		For 30 Degree Bend, Deduct	*-165.76*	
26 05 36 00-0415		**24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0382)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0416	EA	6" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	250.15	96.22
		For 60 Degree Bend, Deduct	*-45.69*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.00*	
		For 30 Degree Bend, Deduct	*-81.48*	
26 05 36 00-0417	EA	9" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	289.00	115.98
		For 60 Degree Bend, Deduct	*-50.90*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.23*	
		For 30 Degree Bend, Deduct	*-91.28*	
26 05 36 00-0418	EA	12" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	330.47	133.94
		For 60 Degree Bend, Deduct	*-57.72*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.89*	
		For 30 Degree Bend, Deduct	*-103.64*	
26 05 36 00-0419	EA	18" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	395.28	171.02
		For 60 Degree Bend, Deduct	*-64.87*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.27*	
		For 30 Degree Bend, Deduct	*-117.62*	
26 05 36 00-0420	EA	24" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	487.38	212.45
		For 60 Degree Bend, Deduct	*-79.41*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.04*	
		For 30 Degree Bend, Deduct	*-144.15*	
26 05 36 00-0421	EA	30" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	570.13	246.45
		For 60 Degree Bend, Deduct	*-93.69*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.48*	
		For 30 Degree Bend, Deduct	*-169.83*	
26 05 36 00-0422	EA	36" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	671.57	293.41
		For 60 Degree Bend, Deduct	*-109.16*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.71*	
		For 30 Degree Bend, Deduct	*-198.24*	

26 05 36 00-0423 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0424	EA	6" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	294.43	99.30
		For 60 Degree Bend, Deduct	*-59.12*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.17*	
		For 30 Degree Bend, Deduct	*-104.04*	
26 05 36 00-0425	EA	9" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	337.22	120.60
		For 60 Degree Bend, Deduct	*-65.06*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.67*	
		For 30 Degree Bend, Deduct	*-115.14*	
26 05 36 00-0426	EA	12" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	372.43	139.97
		For 60 Degree Bend, Deduct	*-69.25*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.58*	
		For 30 Degree Bend, Deduct	*-123.19*	
26 05 36 00-0427	EA	18" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	452.76	181.16
		For 60 Degree Bend, Deduct	*-79.95*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.18*	
		For 30 Degree Bend, Deduct	*-143.31*	
26 05 36 00-0428	EA	24" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	539.47	227.99
		For 60 Degree Bend, Deduct	*-90.62*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.95*	
		For 30 Degree Bend, Deduct	*-163.70*	
26 05 36 00-0429	EA	30" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	651.93	267.63
		For 60 Degree Bend, Deduct	*-112.54*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.89*	
		For 30 Degree Bend, Deduct	*-202.43*	
26 05 36 00-0430	EA	36" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	769.00	323.95
		For 60 Degree Bend, Deduct	*-129.58*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.90*	
		For 30 Degree Bend, Deduct	*-233.96*	

26 05 36 00-0431 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0432	EA	6" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	339.94	128.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.30*	
26 05 36 00-0433	EA	9" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	373.29	146.52
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0434	EA	12" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	403.34	162.04
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.84*	
26 05 36 00-0435	EA	18" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	470.16	198.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.47*	
26 05 36 00-0436	EA	24" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	524.97	227.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.50*	
26 05 36 00-0437	EA	30" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	584.20	256.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.04*	
26 05 36 00-0438	EA	36" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	650.54	292.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.64*	

26 05 36 00-0439 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0440	EA	6" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	401.34	133.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.98*	
26 05 36 00-0441	EA	9" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	439.24	153.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.09*	
26 05 36 00-0442	EA	12" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	475.00	171.02
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.24*	
26 05 36 00-0443	EA	18" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	554.06	212.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.71*	
26 05 36 00-0444	EA	24" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	620.86	246.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.55*	
26 05 36 00-0445	EA	30" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	687.97	279.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.49*	
26 05 36 00-0446	EA	36" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	789.29	323.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.93*	

26 05 36 00-0447 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0448	EA	6" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	473.72	139.84
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.72*	
26 05 36 00-0449	EA	9" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	519.30	162.04
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.43*	
26 05 36 00-0450	EA	12" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	554.23	181.16
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.32*	
26 05 36 00-0451	EA	18" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	652.53	227.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.25*	
26 05 36 00-0452	EA	24" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	721.50	267.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.85*	
26 05 36 00-0453	EA	30" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	826.28	307.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.97*	
26 05 36 00-0454	EA	36" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	936.29	361.80
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.48*	

26 05 36 00-0455 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0456	EA	6" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	604.92	246.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.96*	
26 05 36 00-0457	EA	9" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	654.82	267.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.18*	
26 05 36 00-0458	EA	12" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	686.52	279.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.34*	
26 05 36 00-0459	EA	18" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	765.40	307.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.88*	
26 05 36 00-0460	EA	24" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	865.41	341.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.06*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0461	EA	30" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	957.72	362.44
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.57*	
26 05 36 00-0462	EA	36" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,083.96	410.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.20*	

26 05 36 00-0463 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0464	EA	6" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	750.49	267.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.74*	
26 05 36 00-0465	EA	9" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	807.83	293.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.34*	
26 05 36 00-0466	EA	12" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	843.68	307.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.71*	
26 05 36 00-0467	EA	18" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	926.29	341.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-64.14*	
26 05 36 00-0468	EA	24" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,029.96	384.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-70.92*	
26 05 36 00-0469	EA	30" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,107.15	410.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-76.52*	
26 05 36 00-0470	EA	36" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,332.13	474.05
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-93.71*	

26 05 36 00-0471 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0472	EA	6" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	944.09	293.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-69.96*	
26 05 36 00-0473	EA	9" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,012.52	323.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.25*	
26 05 36 00-0474	EA	12" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,074.14	341.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-78.93*	
26 05 36 00-0475	EA	18" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,183.61	384.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-86.29*	
26 05 36 00-0476	EA	24" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,343.99	439.42
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-97.79*	
26 05 36 00-0477	EA	30" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,456.79	474.05
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-106.18*	
26 05 36 00-0478	EA	36" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,648.46	559.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-118.23*	

26 05 36 00-0479 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0480	EA	6" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	710.52	227.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.05*	
26 05 36 00-0481	EA	9" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	728.39	236.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.09*	
26 05 36 00-0482	EA	12" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	746.98	246.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.16*	
26 05 36 00-0483	EA	18" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	788.18	267.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.51*	
26 05 36 00-0484	EA	24" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	814.08	279.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.10*	
26 05 36 00-0485	EA	30" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	884.26	307.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.77*	
26 05 36 00-0486	EA	36" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	955.28	341.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.04*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0487		24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*		
26 05 36 00-0488	EA	6" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,007.89	246.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-80.26*	
26 05 36 00-0489	EA	9" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,033.56	256.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-81.97*	
26 05 36 00-0490	EA	12" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,060.70	267.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-83.77*	
26 05 36 00-0491	EA	18" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,120.93	293.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-87.65*	
26 05 36 00-0492	EA	24" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,162.58	307.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-90.60*	
26 05 36 00-0493	EA	30" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,236.49	341.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-95.16*	
26 05 36 00-0494	EA	36" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,337.26	384.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-101.65*	
26 05 36 00-0495		36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*		
26 05 36 00-0496	EA	6" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,562.24	267.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-133.92*	
26 05 36 00-0497	EA	9" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,596.84	279.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-136.37*	
26 05 36 00-0498	EA	12" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,634.07	293.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-138.96*	
26 05 36 00-0499	EA	18" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,699.61	323.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-142.96*	
26 05 36 00-0500	EA	24" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,743.83	341.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-145.90*	
26 05 36 00-0501	EA	30" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,859.10	384.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-153.84*	
26 05 36 00-0502	EA	36" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,964.40	439.42
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-159.83*	
26 05 36 00-0503		12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*		
26 05 36 00-0504	EA	6" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	753.80	307.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.72*	
26 05 36 00-0505	EA	9" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	792.19	323.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.22*	
26 05 36 00-0506	EA	12" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	845.11	341.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.03*	
26 05 36 00-0507	EA	18" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	905.54	362.44
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.35*	
26 05 36 00-0508	EA	24" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,020.18	410.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.82*	
26 05 36 00-0509	EA	30" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,135.25	439.42
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-76.91*	
26 05 36 00-0510	EA	36" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,239.36	474.05
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-84.44*	
26 05 36 00-0511		24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*		
26 05 36 00-0512	EA	6" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,036.45	341.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-75.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0513	EA	9" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,085.28	362.44
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-78.33*	
26 05 36 00-0514	EA	12" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,137.23	384.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-81.65*	
26 05 36 00-0515	EA	18" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,211.52	410.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-86.96*	
26 05 36 00-0516	EA	24" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,352.42	474.05
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-95.74*	
26 05 36 00-0517	EA	30" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,455.42	513.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-102.78*	
26 05 36 00-0518	EA	36" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,628.16	559.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-116.20*	

26 05 36 00-0519 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0520	EA	6" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,293.78	384.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-97.30*	
26 05 36 00-0521	EA	9" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,365.17	410.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-102.32*	
26 05 36 00-0522	EA	12" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,442.56	439.42
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-107.64*	
26 05 36 00-0523	EA	18" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,572.76	474.05
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-117.78*	
26 05 36 00-0524	EA	24" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,802.11	559.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-133.59*	
26 05 36 00-0525	EA	30" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,966.94	614.79
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-145.46*	
26 05 36 00-0526	EA	36" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,156.10	684.84
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-158.54*	

26 05 36 00-0527 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0528	EA	6" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	862.09	307.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.55*	
26 05 36 00-0529	EA	9" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	905.87	324.08
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.58*	
26 05 36 00-0530	EA	12" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	968.95	341.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.42*	
26 05 36 00-0531	EA	18" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,041.43	362.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-73.93*	
26 05 36 00-0532	EA	24" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,171.51	410.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-82.96*	
26 05 36 00-0533	EA	30" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,316.93	439.54
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-95.06*	
26 05 36 00-0534	EA	36" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,440.60	473.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-104.61*	

26 05 36 00-0535 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0536	EA	6" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,246.49	341.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-96.16*	
26 05 36 00-0537	EA	9" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,301.84	362.44
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-99.98*	
26 05 36 00-0538	EA	12" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,360.31	384.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-103.96*	
26 05 36 00-0539	EA	18" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,448.95	410.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-110.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0540	EA	24" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,605.52	474.05
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-121.05*	
26 05 36 00-0541	EA	30" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,725.47	513.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-129.78*	
26 05 36 00-0542	EA	36" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,941.27	559.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-147.51*	
26 05 36 00-0543		36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*		
26 05 36 00-0544	EA	6" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,587.31	384.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-126.66*	
26 05 36 00-0545	EA	9" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,671.75	410.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-132.98*	
26 05 36 00-0546	EA	12" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,762.18	439.42
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-139.60*	
26 05 36 00-0547	EA	18" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,925.00	474.05
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-153.00*	
26 05 36 00-0548	EA	24" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,193.49	559.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-172.73*	
26 05 36 00-0549	EA	30" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,390.93	614.79
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-187.86*	
26 05 36 00-0550	EA	36" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,612.71	684.84
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-204.20*	
26 05 36 00-0551		12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fittings *(26 05 36 00-0002)*		
26 05 36 00-0552		12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*		
26 05 36 00-0553	EA	6" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	299.33	128.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.21*	
26 05 36 00-0554	EA	9" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	335.95	146.52
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.38*	
26 05 36 00-0555	EA	12" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	369.74	162.04
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.48*	
26 05 36 00-0556	EA	18" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	460.42	198.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.49*	
26 05 36 00-0557	EA	24" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	525.61	227.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.56*	
26 05 36 00-0558	EA	30" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	619.08	256.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.53*	
26 05 36 00-0559	EA	36" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	712.56	293.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.82*	
26 05 36 00-0560		24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*		
26 05 36 00-0561	EA	6" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	398.30	133.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.68*	
26 05 36 00-0562	EA	9" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	437.03	153.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.88*	
26 05 36 00-0563	EA	12" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	472.49	171.02
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.99*	
26 05 36 00-0564	EA	18" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	556.23	212.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.92*	
26 05 36 00-0565	EA	24" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	627.72	246.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0566	EA	30" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	702.10	279.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.90*	
26 05 36 00-0567	EA	36" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	820.37	323.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.04*	
26 05 36 00-0568		36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*		
26 05 36 00-0569	EA	6" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	427.22	139.84
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.07*	
26 05 36 00-0570	EA	9" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	474.66	161.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.98*	
26 05 36 00-0571	EA	12" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	516.35	181.16
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.53*	
26 05 36 00-0572	EA	18" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	625.37	227.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.54*	
26 05 36 00-0573	EA	24" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	715.71	267.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.27*	
26 05 36 00-0574	EA	30" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	836.72	307.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.01*	
26 05 36 00-0575	EA	36" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	956.09	361.80
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.46*	
26 05 36 00-0576		12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*		
26 05 36 00-0577	EA	6" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	221.45	93.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.38*	
		For 30 Degree Bend, Deduct	*-67.41*	
		For 60 Degree Bend, Deduct	*-37.34*	
26 05 36 00-0578	EA	9" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	255.12	111.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.19*	
		For 30 Degree Bend, Deduct	*-75.09*	
		For 60 Degree Bend, Deduct	*-41.32*	
26 05 36 00-0579	EA	12" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	285.28	128.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.84*	
		For 30 Degree Bend, Deduct	*-82.06*	
		For 60 Degree Bend, Deduct	*-44.96*	
26 05 36 00-0580	EA	18" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	345.70	162.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.06*	
		For 30 Degree Bend, Deduct	*-95.56*	
		For 60 Degree Bend, Deduct	*-51.93*	
26 05 36 00-0581	EA	24" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	428.06	198.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.26*	
		For 30 Degree Bend, Deduct	*-119.58*	
		For 60 Degree Bend, Deduct	*-65.13*	
26 05 36 00-0582	EA	30" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	504.04	227.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.40*	
		For 30 Degree Bend, Deduct	*-144.22*	
		For 60 Degree Bend, Deduct	*-78.93*	
26 05 36 00-0583	EA	36" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	575.51	267.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.25*	
		For 30 Degree Bend, Deduct	*-160.40*	
		For 60 Degree Bend, Deduct	*-87.32*	
26 05 36 00-0584		24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*		
26 05 36 00-0585	EA	6" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	243.86	96.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.37*	
		For 30 Degree Bend, Deduct	*-78.03*	
		For 60 Degree Bend, Deduct	*-43.61*	
26 05 36 00-0586	EA	9" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	282.30	115.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.56*	
		For 30 Degree Bend, Deduct	*-87.60*	
		For 60 Degree Bend, Deduct	*-48.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0587	EA	12" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	322.96	133.94
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.14*	
		For 30 Degree Bend, Deduct	*-99.51*	
		For 60 Degree Bend, Deduct	*-55.24*	
26 05 36 00-0588	EA	18" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	387.56	171.02
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.50*	
		For 30 Degree Bend, Deduct	*-113.37*	
		For 60 Degree Bend, Deduct	*-62.32*	
26 05 36 00-0589	EA	24" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	478.04	212.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.10*	
		For 30 Degree Bend, Deduct	*-139.02*	
		For 60 Degree Bend, Deduct	*-76.33*	
26 05 36 00-0590	EA	30" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	558.97	246.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.36*	
		For 30 Degree Bend, Deduct	*-163.70*	
		For 60 Degree Bend, Deduct	*-90.00*	
26 05 36 00-0591	EA	36" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	658.79	293.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.43*	
		For 30 Degree Bend, Deduct	*-191.21*	
		For 60 Degree Bend, Deduct	*-104.95*	

26 05 36 00-0592 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0593	EA	6" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	285.40	99.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.27*	
		For 30 Degree Bend, Deduct	*-99.07*	
		For 60 Degree Bend, Deduct	*-56.14*	
26 05 36 00-0594	EA	9" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	327.68	120.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.72*	
		For 30 Degree Bend, Deduct	*-109.89*	
		For 60 Degree Bend, Deduct	*-61.91*	
26 05 36 00-0595	EA	12" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	362.69	139.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.61*	
		For 30 Degree Bend, Deduct	*-117.84*	
		For 60 Degree Bend, Deduct	*-66.04*	
26 05 36 00-0596	EA	18" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	442.21	181.16
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.12*	
		For 30 Degree Bend, Deduct	*-137.51*	
		For 60 Degree Bend, Deduct	*-76.47*	
26 05 36 00-0597	EA	24" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	528.31	227.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.83*	
		For 30 Degree Bend, Deduct	*-157.56*	
		For 60 Degree Bend, Deduct	*-86.94*	
26 05 36 00-0598	EA	30" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	637.52	267.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.45*	
		For 30 Degree Bend, Deduct	*-194.50*	
		For 60 Degree Bend, Deduct	*-107.78*	
26 05 36 00-0599	EA	36" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	752.97	323.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.30*	
		For 30 Degree Bend, Deduct	*-225.14*	
		For 60 Degree Bend, Deduct	*-124.29*	

26 05 36 00-0600 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0601	EA	6" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	331.11	128.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.42*	
26 05 36 00-0602	EA	9" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	364.26	146.52
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.21*	
26 05 36 00-0603	EA	12" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	394.00	162.04
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.90*	
26 05 36 00-0604	EA	18" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	460.42	198.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.49*	
26 05 36 00-0605	EA	24" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	514.83	227.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0606	EA	30" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	573.24	256.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.94*	
26 05 36 00-0607	EA	36" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	639.17	292.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.51*	

26 05 36 00-0608 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0609	EA	6" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	388.86	133.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.73*	
26 05 36 00-0610	EA	9" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	426.46	153.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.82*	
26 05 36 00-0611	EA	12" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	461.71	171.02
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.92*	
26 05 36 00-0612	EA	18" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	540.05	212.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.30*	
26 05 36 00-0613	EA	24" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	606.15	246.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.08*	
26 05 36 00-0614	EA	30" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	672.45	279.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.94*	
26 05 36 00-0615	EA	36" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	771.84	323.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.19*	

26 05 36 00-0616 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0617	EA	6" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	456.88	139.84
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.03*	
26 05 36 00-0618	EA	9" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	501.85	162.04
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.69*	
26 05 36 00-0619	EA	12" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	536.58	181.16
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.56*	
26 05 36 00-0620	EA	18" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	633.46	227.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.35*	
26 05 36 00-0621	EA	24" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	702.23	267.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.92*	
26 05 36 00-0622	EA	30" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	804.37	307.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.78*	
26 05 36 00-0623	EA	36" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	912.95	361.80
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.15*	

26 05 36 00-0624 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0625	EA	6" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	585.50	246.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.02*	
26 05 36 00-0626	EA	9" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	633.95	267.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.09*	
26 05 36 00-0627	EA	12" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	664.49	279.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.14*	
26 05 36 00-0628	EA	18" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	740.18	307.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.36*	
26 05 36 00-0629	EA	24" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	835.84	341.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.10*	
26 05 36 00-0630	EA	30" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	922.35	362.44
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.03*	
26 05 36 00-0631	EA	36" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,043.95	410.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-70.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0632		**24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0551)*		
26 05 36 00-0633	EA	6" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	720.05	267.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.70*	
26 05 36 00-0634	EA	9" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	775.94	293.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.15*	
26 05 36 00-0635	EA	12" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	810.63	307.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.40*	
26 05 36 00-0636	EA	18" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	890.63	341.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.58*	
26 05 36 00-0637	EA	24" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	991.11	384.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.04*	
26 05 36 00-0638	EA	30" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,064.82	410.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-72.29*	
26 05 36 00-0639	EA	36" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,277.92	474.05
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-88.29*	
26 05 36 00-0640		**36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0551)*		
26 05 36 00-0641	EA	6" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	898.57	293.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.41*	
26 05 36 00-0642	EA	9" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	965.27	323.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-69.53*	
26 05 36 00-0643	EA	12" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,023.70	341.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-73.89*	
26 05 36 00-0644	EA	18" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,129.40	384.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-80.87*	
26 05 36 00-0645	EA	24" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,282.82	439.42
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-91.67*	
26 05 36 00-0646	EA	30" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,390.11	474.05
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-99.51*	
26 05 36 00-0647	EA	36" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,576.85	559.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-111.07*	
26 05 36 00-0648		**12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0551)*		
26 05 36 00-0649	EA	6" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	677.47	227.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.75*	
26 05 36 00-0650	EA	9" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	695.05	236.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.76*	
26 05 36 00-0651	EA	12" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	713.35	246.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.80*	
26 05 36 00-0652	EA	18" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	753.97	267.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.09*	
26 05 36 00-0653	EA	24" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	779.29	279.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.62*	
26 05 36 00-0654	EA	30" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	847.16	307.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.06*	
26 05 36 00-0655	EA	36" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	916.72	341.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.19*	
26 05 36 00-0656		**24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0551)*		
26 05 36 00-0657	EA	6" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	948.17	246.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0658	EA	9" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	972.97	256.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-75.91*	
26 05 36 00-0659	EA	12" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	999.24	267.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-77.62*	
26 05 36 00-0660	EA	18" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,057.73	293.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-81.33*	
26 05 36 00-0661	EA	24" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,097.64	307.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-84.11*	
26 05 36 00-0662	EA	30" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,169.81	341.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-88.50*	
26 05 36 00-0663	EA	36" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,267.68	384.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-94.69*	

26 05 36 00-0664 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0665	EA	6" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,450.63	267.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-122.76*	
26 05 36 00-0666	EA	9" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,483.77	279.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-125.07*	
26 05 36 00-0667	EA	12" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,519.56	293.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-127.51*	
26 05 36 00-0668	EA	18" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,583.64	323.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-131.37*	
26 05 36 00-0669	EA	24" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,626.42	341.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-134.16*	
26 05 36 00-0670	EA	30" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,737.34	384.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-141.66*	
26 05 36 00-0671	EA	36" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,841.18	439.42
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-147.50*	

26 05 36 00-0672 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0673	EA	6" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	729.74	307.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.32*	
26 05 36 00-0674	EA	9" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	766.97	323.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.70*	
26 05 36 00-0675	EA	12" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	817.57	341.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.27*	
26 05 36 00-0676	EA	18" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	875.39	362.44
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.34*	
26 05 36 00-0677	EA	24" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	986.55	410.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-64.46*	
26 05 36 00-0678	EA	30" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,094.96	439.42
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-72.88*	
26 05 36 00-0679	EA	36" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,194.42	474.05
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-79.94*	

26 05 36 00-0680 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0681	EA	6" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	989.78	341.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-70.49*	
26 05 36 00-0682	EA	9" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,037.15	362.44
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-73.51*	
26 05 36 00-0683	EA	12" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,087.65	384.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-76.69*	
26 05 36 00-0684	EA	18" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,158.75	410.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-81.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0685	EA	24" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,296.18	474.05
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-90.12*	
26 05 36 00-0686	EA	30" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,395.41	513.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-96.78*	
26 05 36 00-0687	EA	36" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,558.58	559.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-109.24*	

26 05 36 00-0688 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0689	EA	6" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,228.55	384.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-90.78*	
26 05 36 00-0690	EA	9" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,297.04	410.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-95.51*	
26 05 36 00-0691	EA	12" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,371.53	439.42
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-100.54*	
26 05 36 00-0692	EA	18" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,494.48	474.05
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-109.95*	
26 05 36 00-0693	EA	24" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,715.14	559.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-124.90*	
26 05 36 00-0694	EA	30" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,872.72	614.79
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-136.04*	
26 05 36 00-0695	EA	36" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,054.63	684.84
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-148.39*	

26 05 36 00-0696 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0697	EA	6" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	827.20	307.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.06*	
26 05 36 00-0698	EA	9" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	869.30	324.08
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.92*	
26 05 36 00-0699	EA	12" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	929.02	341.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-64.42*	
26 05 36 00-0700	EA	18" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	997.72	362.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-69.56*	
26 05 36 00-0701	EA	24" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,122.74	410.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-78.08*	
26 05 36 00-0702	EA	30" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,258.50	439.54
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-89.22*	
26 05 36 00-0703	EA	36" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,375.44	473.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-98.09*	

26 05 36 00-0704 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0705	EA	6" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,178.81	341.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-89.40*	
26 05 36 00-0706	EA	9" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,232.06	362.44
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-93.00*	
26 05 36 00-0707	EA	12" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,288.43	384.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-96.77*	
26 05 36 00-0708	EA	18" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,372.44	410.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-103.05*	
26 05 36 00-0709	EA	24" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,523.96	474.05
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-112.90*	
26 05 36 00-0710	EA	30" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,638.46	513.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-121.08*	
26 05 36 00-0711	EA	36" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,840.38	559.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-137.42*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0712			36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*		
26 05 36 00-0713		EA	6" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,492.73	384.88
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-117.20*	
26 05 36 00-0714		EA	9" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,572.96	410.29
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-123.10*	
26 05 36 00-0715		EA	12" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,659.19	439.42
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-129.31*	
26 05 36 00-0716		EA	18" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,811.50	474.05
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-141.65*	
26 05 36 00-0717		EA	24" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,067.38	559.37
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-160.12*	
26 05 36 00-0718		EA	30" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,254.31	614.79
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-174.19*	
26 05 36 00-0719		EA	36" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,465.58	684.84
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-189.49*	
26 05 36 00-0720			Dropout Or End Plates And Reducers *(26 05 36 00-0002)*		
26 05 36 00-0721			Straight Reducers *(26 05 36 00-0720)*		
26 05 36 00-0722		EA	9" To 6" Reducer, Steel Cable Tray	291.20	94.68
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.23*	
26 05 36 00-0723		EA	12" To 9" Reducer, Steel Cable Tray	307.14	102.50
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.17*	
26 05 36 00-0724		EA	18" To 12" Reducer, Steel Cable Tray	333.51	118.29
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.49*	
26 05 36 00-0725		EA	24" To 18" Reducer, Steel Cable Tray	367.29	136.90
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.32*	
26 05 36 00-0726		EA	30" To 24" Reducer, Steel Cable Tray	398.66	153.95
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.04*	
26 05 36 00-0727		EA	36" To 30" Reducer, Steel Cable Tray	452.63	175.90
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.60*	
26 05 36 00-0728			Reducers *(26 05 36 00-0720)*		
26 05 36 00-0729		EA	18" To 6" Reducer, Steel Cable Tray	339.44	118.42
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.08*	
26 05 36 00-0730		EA	24" To 12" Reducer, Steel Cable Tray	373.40	137.02
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.92*	
26 05 36 00-0731		EA	30" To 12" Reducer, Steel Cable Tray	410.04	153.83
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.18*	
26 05 36 00-0732		EA	30" To 18" Reducer, Steel Cable Tray	415.64	153.70
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.75*	
26 05 36 00-0733		EA	36" To 12" Reducer, Steel Cable Tray	455.53	175.90
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.89*	
26 05 36 00-0734		EA	36" To 18" Reducer, Steel Cable Tray	469.03	180.52
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.86*	
26 05 36 00-0735		EA	36" To 24" Reducer, Steel Cable Tray	484.44	186.29
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.92*	
26 05 36 00-0736			Dropout Or End Plate *(26 05 36 00-0720)*		
26 05 36 00-0737		EA	6" Dropout Or End Plate, Steel Cable Tray	79.07	38.49
26 05 36 00-0738		EA	9" Dropout Or End Plate, Steel Cable Tray	90.80	44.00
26 05 36 00-0739		EA	12" Dropout Or End Plate, Steel Cable Tray	98.03	47.34
26 05 36 00-0740		EA	18" Dropout Or End Plate, Steel Cable Tray	115.73	55.94
26 05 36 00-0741		EA	24" Dropout Or End Plate, Steel Cable Tray	129.88	61.58
26 05 36 00-0742		EA	30" Dropout Or End Plate, Steel Cable Tray	143.92	68.38
26 05 36 00-0743		EA	36" Dropout Or End Plate, Steel Cable Tray	162.51	76.98
26 05 36 00-0744			Ladder Bottom Aluminum Cable Tray *(26 05 36 00-0001)* Note: 4-5/8" Height		
26 05 36 00-0745			Straight Tray Sections *(26 05 36 00-0744)*		
26 05 36 00-0746			4" Rung Spacing *(26 05 36 00-0745)*		
26 05 36 00-0747		LF	6" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	120.10	8.98
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-11.26*	
			For 6" Overall Height Instead Of 4-5/8", Add	*6.01*	
			For Class 12C Instead Of Class 12B, Add	*16.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0748	LF	9" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	127.00	9.49
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-11.91*	
		For 6" Overall Height Instead Of 4-5/8", Add	*6.35*	
		For Class 12C Instead Of Class 12B, Add	*17.47*	
26 05 36 00-0749	LF	12" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	133.89	9.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.56*	
		For 6" Overall Height Instead Of 4-5/8", Add	*6.69*	
		For Class 12C Instead Of Class 12B, Add	*18.43*	
26 05 36 00-0750	LF	18" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	148.77	10.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.97*	
		For 6" Overall Height Instead Of 4-5/8", Add	*7.44*	
		For Class 12C Instead Of Class 12B, Add	*20.51*	
26 05 36 00-0751	LF	24" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	171.89	11.54
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.23*	
		For 6" Overall Height Instead Of 4-5/8", Add	*8.59*	
		For Class 12C Instead Of Class 12B, Add	*23.87*	
26 05 36 00-0752	LF	30" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	188.58	12.32
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.84*	
		For 6" Overall Height Instead Of 4-5/8", Add	*9.43*	
		For Class 12C Instead Of Class 12B, Add	*26.24*	
26 05 36 00-0753	LF	36" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	203.31	13.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.24*	
		For 6" Overall Height Instead Of 4-5/8", Add	*10.17*	
		For Class 12C Instead Of Class 12B, Add	*28.31*	

26 05 36 00-0754 6" Rung Spacing *(26 05 36 00-0745)*

26 05 36 00-0755	LF	6" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	110.55	8.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-10.30*	
		For 6" Overall Height Instead Of 4-5/8", Add	*5.53*	
		For Class 12C Instead Of Class 12B, Add	*15.08*	
26 05 36 00-0756	LF	9" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	116.89	9.49
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-10.90*	
		For 6" Overall Height Instead Of 4-5/8", Add	*5.84*	
		For Class 12C Instead Of Class 12B, Add	*15.96*	
26 05 36 00-0757	LF	12" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	123.22	9.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-11.50*	
		For 6" Overall Height Instead Of 4-5/8", Add	*6.16*	
		For Class 12C Instead Of Class 12B, Add	*16.83*	
26 05 36 00-0758	LF	18" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	136.89	10.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.79*	
		For 6" Overall Height Instead Of 4-5/8", Add	*6.84*	
		For Class 12C Instead Of Class 12B, Add	*18.73*	
26 05 36 00-0759	LF	24" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	158.00	11.54
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.84*	
		For 6" Overall Height Instead Of 4-5/8", Add	*7.90*	
		For Class 12C Instead Of Class 12B, Add	*21.79*	
26 05 36 00-0760	LF	30" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	173.29	12.32
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.31*	
		For 6" Overall Height Instead Of 4-5/8", Add	*8.66*	
		For Class 12C Instead Of Class 12B, Add	*23.95*	
26 05 36 00-0761	LF	36" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	186.82	13.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.59*	
		For 6" Overall Height Instead Of 4-5/8", Add	*9.34*	
		For Class 12C Instead Of Class 12B, Add	*25.84*	

26 05 36 00-0762 9" Rung Spacing *(26 05 36 00-0745)*

26 05 36 00-0763	LF	6" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	98.27	8.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-9.11*	
		For 6" Overall Height Instead Of 4-5/8", Add	*4.91*	
		For Class 12C Instead Of Class 12B, Add	*13.30*	
26 05 36 00-0764	LF	9" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	99.36	8.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-9.19*	
		For 6" Overall Height Instead Of 4-5/8", Add	*4.97*	
		For Class 12C Instead Of Class 12B, Add	*13.40*	
26 05 36 00-0765	LF	12" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	106.62	9.49
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-9.87*	
		For 6" Overall Height Instead Of 4-5/8", Add	*5.33*	
		For Class 12C Instead Of Class 12B, Add	*14.42*	
26 05 36 00-0766	LF	18" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	113.82	10.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-10.54*	
		For 6" Overall Height Instead Of 4-5/8", Add	*5.69*	
		For Class 12C Instead Of Class 12B, Add	*15.38*	
26 05 36 00-0767	LF	24" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	129.34	10.52
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.06*	
		For 6" Overall Height Instead Of 4-5/8", Add	*6.47*	
		For Class 12C Instead Of Class 12B, Add	*17.65*	
26 05 36 00-0768	LF	30" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	143.34	11.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.39*	
		For 6" Overall Height Instead Of 4-5/8", Add	*7.17*	
		For Class 12C Instead Of Class 12B, Add	*19.61*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0769	LF	36" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	151.98	12.32
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.17*	
		For 6" Overall Height Instead Of 4-5/8", Add	*7.60*	
		For Class 12C Instead Of Class 12B, Add	*20.74*	

26 05 36 00-0770 12" Rung Spacing *(26 05 36 00-0745)*

26 05 36 00-0771	LF	6" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	96.36	8.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-8.94*	
		For 6" Overall Height Instead Of 4-5/8", Add	*4.82*	
		For Class 12C Instead Of Class 12B, Add	*13.07*	
26 05 36 00-0772	LF	9" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	97.34	8.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-9.01*	
		For 6" Overall Height Instead Of 4-5/8", Add	*4.87*	
		For Class 12C Instead Of Class 12B, Add	*13.16*	
26 05 36 00-0773	LF	12" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	100.97	9.11
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-9.34*	
		For 6" Overall Height Instead Of 4-5/8", Add	*5.05*	
		For Class 12C Instead Of Class 12B, Add	*13.62*	
26 05 36 00-0774	LF	18" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	106.99	9.62
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-9.89*	
		For 6" Overall Height Instead Of 4-5/8", Add	*5.35*	
		For Class 12C Instead Of Class 12B, Add	*14.44*	
26 05 36 00-0775	LF	24" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	117.47	9.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-10.93*	
		For 6" Overall Height Instead Of 4-5/8", Add	*5.87*	
		For Class 12C Instead Of Class 12B, Add	*15.99*	
26 05 36 00-0776	LF	30" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	126.01	10.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-11.71*	
		For 6" Overall Height Instead Of 4-5/8", Add	*6.30*	
		For Class 12C Instead Of Class 12B, Add	*17.11*	
26 05 36 00-0777	LF	36" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	133.11	11.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.34*	
		For 6" Overall Height Instead Of 4-5/8", Add	*6.66*	
		For Class 12C Instead Of Class 12B, Add	*18.03*	

26 05 36 00-0778 18" Rung Spacing *(26 05 36 00-0745)*

26 05 36 00-0779	LF	6" Aluminum Cable Tray, 18" Rung Spacing, Straight Section	95.52	8.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-8.88*	
		For 6" Overall Height Instead Of 4-5/8", Add	*4.78*	
		For Class 12C Instead Of Class 12B, Add	*12.98*	
26 05 36 00-0780	LF	9" Aluminum Cable Tray, 18" Rung Spacing, Straight Section	95.09	8.47
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-8.81*	
		For 6" Overall Height Instead Of 4-5/8", Add	*4.75*	
		For Class 12C Instead Of Class 12B, Add	*12.86*	
26 05 36 00-0781	LF	12" Aluminum Cable Tray, 18" Rung Spacing, Straight Section	100.34	8.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-9.30*	
		For 6" Overall Height Instead Of 4-5/8", Add	*5.02*	
		For Class 12C Instead Of Class 12B, Add	*13.59*	
26 05 36 00-0782	LF	18" Aluminum Cable Tray, 18" Rung Spacing, Straight Section	105.75	9.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-9.81*	
		For 6" Overall Height Instead Of 4-5/8", Add	*5.29*	
		For Class 12C Instead Of Class 12B, Add	*14.33*	
26 05 36 00-0783	LF	24" Aluminum Cable Tray, 18" Rung Spacing, Straight Section	112.98	9.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-10.52*	
		For 6" Overall Height Instead Of 4-5/8", Add	*5.65*	
		For Class 12C Instead Of Class 12B, Add	*15.39*	
26 05 36 00-0784	LF	30" Aluminum Cable Tray, 18" Rung Spacing, Straight Section	117.66	10.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-10.92*	
		For 6" Overall Height Instead Of 4-5/8", Add	*5.88*	
		For Class 12C Instead Of Class 12B, Add	*15.95*	
26 05 36 00-0785	LF	36" Aluminum Cable Tray, 18" Rung Spacing, Straight Section	123.95	11.16
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-11.46*	
		For 6" Overall Height Instead Of 4-5/8", Add	*6.20*	
		For Class 12C Instead Of Class 12B, Add	*16.73*	

26 05 36 00-0786 4" Rung Tray Fittings *(26 05 36 00-0744)*

26 05 36 00-0787 90 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-0786)*

26 05 36 00-0788	EA	6" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	367.70	128.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.05*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.39*	
26 05 36 00-0789	EA	9" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	401.46	146.52
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.93*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.07*	
26 05 36 00-0790	EA	12" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	456.27	162.04
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.13*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.81*	
26 05 36 00-0791	EA	18" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	540.57	198.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.51*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0792	EA	24" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	640.04	227.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.00*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.00*	
26 05 36 00-0793	EA	30" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	703.20	256.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.94*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.16*	
26 05 36 00-0794	EA	36" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	822.54	293.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.82*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.13*	
26 05 36 00-0795		90 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-0786)*		
26 05 36 00-0796	EA	6" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	494.72	133.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.32*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.74*	
26 05 36 00-0797	EA	9" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	539.70	153.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.15*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.99*	
26 05 36 00-0798	EA	12" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	582.00	171.02
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.94*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.10*	
26 05 36 00-0799	EA	18" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	676.14	212.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.91*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.81*	
26 05 36 00-0800	EA	24" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	763.85	246.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.85*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.19*	
26 05 36 00-0801	EA	30" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	852.34	279.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.92*	
		For 6" Overall Height Instead Of 4-5/8", Add	*42.62*	
26 05 36 00-0802	EA	36" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	974.64	323.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-70.47*	
		For 6" Overall Height Instead Of 4-5/8", Add	*48.73*	
26 05 36 00-0803		90 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-0786)*		
26 05 36 00-0804	EA	6" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	531.93	139.84
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.54*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.60*	
26 05 36 00-0805	EA	9" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	576.34	161.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.15*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.82*	
26 05 36 00-0806	EA	12" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	643.53	181.16
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.25*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.18*	
26 05 36 00-0807	EA	18" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	764.23	227.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.42*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.21*	
26 05 36 00-0808	EA	24" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	880.76	267.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.77*	
		For 6" Overall Height Instead Of 4-5/8", Add	*44.04*	
26 05 36 00-0809	EA	30" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	990.54	307.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-73.40*	
		For 6" Overall Height Instead Of 4-5/8", Add	*49.53*	
26 05 36 00-0810	EA	36" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,150.10	361.80
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-84.87*	
		For 6" Overall Height Instead Of 4-5/8", Add	*57.51*	
26 05 36 00-0811		45 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-0786)*		
26 05 36 00-0812	EA	6" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	256.29	93.27
		For 30 Degree Bend, Deduct	*-86.57*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.86*	
		For 60 Degree Bend, Deduct	*-48.84*	
		For 6" Overall Height Instead Of 4-5/8", Add	*12.81*	
26 05 36 00-0813	EA	9" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	291.16	111.87
		For 30 Degree Bend, Deduct	*-94.91*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.80*	
		For 60 Degree Bend, Deduct	*-53.22*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.56*	
26 05 36 00-0814	EA	12" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	322.50	128.30
		For 30 Degree Bend, Deduct	*-102.53*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.56*	
		For 60 Degree Bend, Deduct	*-57.24*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.13*	
26 05 36 00-0815	EA	18" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	398.28	162.17
		For 30 Degree Bend, Deduct	*-124.48*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.32*	
		For 60 Degree Bend, Deduct	*-69.28*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.91*	
26 05 36 00-0816	EA	24" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	490.12	198.60
		For 30 Degree Bend, Deduct	*-153.72*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.46*	
		For 60 Degree Bend, Deduct	*-85.61*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.51*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0817		EA	30" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	562.42	227.99
			For 30 Degree Bend, Deduct	*-176.32*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.24*	
			For 60 Degree Bend, Deduct	*-98.19*	
			For 6" Overall Height Instead Of 4-5/8", Add	*28.12*	
26 05 36 00-0818		EA	36" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	636.26	267.63
			For 30 Degree Bend, Deduct	*-193.81*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.32*	
			For 60 Degree Bend, Deduct	*-107.37*	
			For 6" Overall Height Instead Of 4-5/8", Add	*31.81*	
26 05 36 00-0819			45 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-0786)*		
26 05 36 00-0820		EA	6" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	296.11	96.22
			For 30 Degree Bend, Deduct	*-106.76*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.60*	
			For 60 Degree Bend, Deduct	*-60.85*	
			For 6" Overall Height Instead Of 4-5/8", Add	*14.81*	
26 05 36 00-0821		EA	9" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	344.69	115.98
			For 30 Degree Bend, Deduct	*-121.91*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.80*	
			For 60 Degree Bend, Deduct	*-69.28*	
			For 6" Overall Height Instead Of 4-5/8", Add	*17.23*	
26 05 36 00-0822		EA	12" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	378.44	133.94
			For 30 Degree Bend, Deduct	*-130.02*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.68*	
			For 60 Degree Bend, Deduct	*-73.55*	
			For 6" Overall Height Instead Of 4-5/8", Add	*18.92*	
26 05 36 00-0823		EA	18" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	451.99	171.02
			For 30 Degree Bend, Deduct	*-148.81*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.94*	
			For 60 Degree Bend, Deduct	*-83.58*	
			For 6" Overall Height Instead Of 4-5/8", Add	*22.60*	
26 05 36 00-0824		EA	24" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	548.07	212.45
			For 30 Degree Bend, Deduct	*-177.53*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.11*	
			For 60 Degree Bend, Deduct	*-99.44*	
			For 6" Overall Height Instead Of 4-5/8", Add	*27.40*	
26 05 36 00-0825		EA	30" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	643.54	246.45
			For 30 Degree Bend, Deduct	*-210.21*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.82*	
			For 60 Degree Bend, Deduct	*-117.91*	
			For 6" Overall Height Instead Of 4-5/8", Add	*32.18*	
26 05 36 00-0826		EA	36" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	733.43	293.41
			For 30 Degree Bend, Deduct	*-232.26*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.90*	
			For 60 Degree Bend, Deduct	*-129.58*	
			For 6" Overall Height Instead Of 4-5/8", Add	*36.67*	
26 05 36 00-0827			45 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-0786)*		
26 05 36 00-0828		EA	6" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	347.82	99.30
			For 30 Degree Bend, Deduct	*-133.40*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.51*	
			For 60 Degree Bend, Deduct	*-76.73*	
			For 6" Overall Height Instead Of 4-5/8", Add	*17.39*	
26 05 36 00-0829		EA	9" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	387.25	120.60
			For 30 Degree Bend, Deduct	*-142.65*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.68*	
			For 60 Degree Bend, Deduct	*-81.57*	
			For 6" Overall Height Instead Of 4-5/8", Add	*19.36*	
26 05 36 00-0830		EA	12" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	423.44	139.97
			For 30 Degree Bend, Deduct	*-151.25*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.68*	
			For 60 Degree Bend, Deduct	*-86.08*	
			For 6" Overall Height Instead Of 4-5/8", Add	*21.17*	
26 05 36 00-0831		EA	18" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	511.58	181.16
			For 30 Degree Bend, Deduct	*-175.67*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.06*	
			For 60 Degree Bend, Deduct	*-99.36*	
			For 6" Overall Height Instead Of 4-5/8", Add	*25.58*	
26 05 36 00-0832		EA	24" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	636.16	227.99
			For 30 Degree Bend, Deduct	*-216.88*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.62*	
			For 60 Degree Bend, Deduct	*-122.53*	
			For 6" Overall Height Instead Of 4-5/8", Add	*31.81*	
26 05 36 00-0833		EA	30" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	717.76	267.63
			For 30 Degree Bend, Deduct	*-238.64*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.47*	
			For 60 Degree Bend, Deduct	*-134.26*	
			For 6" Overall Height Instead Of 4-5/8", Add	*35.89*	
26 05 36 00-0834		EA	36" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	838.80	323.95
			For 30 Degree Bend, Deduct	*-272.35*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.88*	
			For 60 Degree Bend, Deduct	*-152.61*	
			For 6" Overall Height Instead Of 4-5/8", Add	*41.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0835		**90 Degree, 12" Radius Vertical Risers** *(26 05 36 00-0786)*		
26 05 36 00-0836	EA	6" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	404.41	128.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.75*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.22*	
26 05 36 00-0837	EA	9" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	445.26	146.52
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.31*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.26*	
26 05 36 00-0838	EA	12" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	474.42	162.04
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.94*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.72*	
26 05 36 00-0839	EA	18" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	542.37	198.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.69*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.12*	
26 05 36 00-0840	EA	24" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	601.79	227.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.18*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.09*	
26 05 36 00-0841	EA	30" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	659.81	256.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.60*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.99*	
26 05 36 00-0842	EA	36" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	727.28	292.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.32*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.36*	
26 05 36 00-0843		**90 Degree, 24" Radius Vertical Risers** *(26 05 36 00-0786)*		
26 05 36 00-0844	EA	6" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	429.23	133.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.77*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.46*	
26 05 36 00-0845	EA	9" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	471.44	153.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.31*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.57*	
26 05 36 00-0846	EA	12" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	505.15	171.02
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.26*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.26*	
26 05 36 00-0847	EA	18" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	586.18	212.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.92*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.31*	
26 05 36 00-0848	EA	24" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	656.70	246.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.14*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.84*	
26 05 36 00-0849	EA	30" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	726.07	279.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.30*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.30*	
26 05 36 00-0850	EA	36" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	817.18	323.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.72*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.86*	
26 05 36 00-0851		**90 Degree, 36" Radius Vertical Risers** *(26 05 36 00-0786)*		
26 05 36 00-0852	EA	6" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	551.89	139.84
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.53*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.59*	
26 05 36 00-0853	EA	9" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	595.70	162.04
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.07*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.79*	
26 05 36 00-0854	EA	12" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	648.52	181.16
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.75*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.43*	
26 05 36 00-0855	EA	18" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	740.39	227.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.04*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.02*	
26 05 36 00-0856	EA	24" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	820.32	267.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.73*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.02*	
26 05 36 00-0857	EA	30" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	915.14	307.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.86*	
		For 6" Overall Height Instead Of 4-5/8", Add	*45.76*	
26 05 36 00-0858	EA	36" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,022.17	361.80
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-72.07*	
		For 6" Overall Height Instead Of 4-5/8", Add	*51.11*	
26 05 36 00-0859		**12" Radius Horizontal Tees** *(26 05 36 00-0786)*		
26 05 36 00-0860	EA	6" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	630.51	246.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.52*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.53*	
26 05 36 00-0861	EA	9" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	680.33	267.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.73*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.02*	
26 05 36 00-0862	EA	12" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	704.04	279.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.09*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0863	EA	18" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	797.88	307.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.13*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.89*	
26 05 36 00-0864	EA	24" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	883.23	341.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.84*	
		For 6" Overall Height Instead Of 4-5/8", Add	*44.16*	
26 05 36 00-0865	EA	30" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	968.01	362.44
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.60*	
		For 6" Overall Height Instead Of 4-5/8", Add	*48.40*	
26 05 36 00-0866	EA	36" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,119.93	410.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-77.80*	
		For 6" Overall Height Instead Of 4-5/8", Add	*56.00*	
26 05 36 00-0867		**24" Radius Horizontal Tees** *(26 05 36 00-0786)*		
26 05 36 00-0868	EA	6" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	820.88	267.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.78*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.04*	
26 05 36 00-0869	EA	9" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	885.34	293.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-64.09*	
		For 6" Overall Height Instead Of 4-5/8", Add	*44.27*	
26 05 36 00-0870	EA	12" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	920.40	307.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.38*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.02*	
26 05 36 00-0871	EA	18" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,012.96	341.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-72.81*	
		For 6" Overall Height Instead Of 4-5/8", Add	*50.65*	
26 05 36 00-0872	EA	24" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,124.38	384.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-80.36*	
		For 6" Overall Height Instead Of 4-5/8", Add	*56.22*	
26 05 36 00-0873	EA	30" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,213.63	410.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-87.17*	
		For 6" Overall Height Instead Of 4-5/8", Add	*60.68*	
26 05 36 00-0874	EA	36" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,600.84	474.05
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-120.58*	
		For 6" Overall Height Instead Of 4-5/8", Add	*80.04*	
26 05 36 00-0875		**36" Radius Horizontal Tees** *(26 05 36 00-0786)*		
26 05 36 00-0876	EA	6" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,018.68	293.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-77.42*	
		For 6" Overall Height Instead Of 4-5/8", Add	*50.93*	
26 05 36 00-0877	EA	9" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,084.13	323.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-81.41*	
		For 6" Overall Height Instead Of 4-5/8", Add	*54.21*	
26 05 36 00-0878	EA	12" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,164.32	341.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-87.95*	
		For 6" Overall Height Instead Of 4-5/8", Add	*58.22*	
26 05 36 00-0879	EA	18" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,268.53	384.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-94.78*	
		For 6" Overall Height Instead Of 4-5/8", Add	*63.43*	
26 05 36 00-0880	EA	24" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,424.20	439.42
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-105.81*	
		For 6" Overall Height Instead Of 4-5/8", Add	*71.21*	
26 05 36 00-0881	EA	30" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,665.71	474.05
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-127.07*	
		For 6" Overall Height Instead Of 4-5/8", Add	*83.29*	
26 05 36 00-0882	EA	36" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,905.39	559.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-143.92*	
		For 6" Overall Height Instead Of 4-5/8", Add	*95.27*	
26 05 36 00-0883		**12" Radius Vertical Tees** *(26 05 36 00-0786)*		
26 05 36 00-0884	EA	6" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	873.73	227.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.37*	
		For 6" Overall Height Instead Of 4-5/8", Add	*43.69*	
26 05 36 00-0885	EA	9" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	903.12	236.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-70.56*	
		For 6" Overall Height Instead Of 4-5/8", Add	*45.16*	
26 05 36 00-0886	EA	12" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	922.41	246.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.71*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.12*	
26 05 36 00-0887	EA	18" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	968.63	267.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.56*	
		For 6" Overall Height Instead Of 4-5/8", Add	*48.43*	
26 05 36 00-0888	EA	24" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,031.98	279.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-79.89*	
		For 6" Overall Height Instead Of 4-5/8", Add	*51.60*	
26 05 36 00-0889	EA	30" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,089.78	307.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-83.32*	
		For 6" Overall Height Instead Of 4-5/8", Add	*54.49*	
26 05 36 00-0890	EA	36" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,164.32	341.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-87.95*	
		For 6" Overall Height Instead Of 4-5/8", Add	*58.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0891		**24" Radius Vertical Tees** *(26 05 36 00-0786)*		
26 05 36 00-0892	EA	6" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,246.75	246.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-104.14*	
		For 6" Overall Height Instead Of 4-5/8", Add	*62.34*	
26 05 36 00-0893	EA	9" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,274.53	256.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-106.07*	
		For 6" Overall Height Instead Of 4-5/8", Add	*63.73*	
26 05 36 00-0894	EA	12" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,303.78	267.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-108.07*	
		For 6" Overall Height Instead Of 4-5/8", Add	*65.19*	
26 05 36 00-0895	EA	18" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,371.85	293.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-112.74*	
		For 6" Overall Height Instead Of 4-5/8", Add	*68.59*	
26 05 36 00-0896	EA	24" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,417.72	307.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-116.11*	
		For 6" Overall Height Instead Of 4-5/8", Add	*70.89*	
26 05 36 00-0897	EA	30" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,495.86	341.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-121.10*	
		For 6" Overall Height Instead Of 4-5/8", Add	*74.79*	
26 05 36 00-0898	EA	36" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,650.53	384.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-132.98*	
		For 6" Overall Height Instead Of 4-5/8", Add	*82.53*	
26 05 36 00-0899		**36" Radius Vertical Tee** *(26 05 36 00-0786)*		
26 05 36 00-0900	EA	6" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,036.60	267.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-181.36*	
		For 6" Overall Height Instead Of 4-5/8", Add	*101.83*	
26 05 36 00-0901	EA	9" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,077.35	279.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-184.43*	
		For 6" Overall Height Instead Of 4-5/8", Add	*103.87*	
26 05 36 00-0902	EA	12" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,120.74	293.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-187.63*	
		For 6" Overall Height Instead Of 4-5/8", Add	*106.04*	
26 05 36 00-0903	EA	18" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,192.46	323.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-192.25*	
		For 6" Overall Height Instead Of 4-5/8", Add	*109.62*	
26 05 36 00-0904	EA	24" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,242.84	341.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-195.80*	
		For 6" Overall Height Instead Of 4-5/8", Add	*112.14*	
26 05 36 00-0905	EA	30" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,376.57	384.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-205.58*	
		For 6" Overall Height Instead Of 4-5/8", Add	*118.83*	
26 05 36 00-0906	EA	36" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,488.02	439.42
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-212.19*	
		For 6" Overall Height Instead Of 4-5/8", Add	*124.40*	
26 05 36 00-0907		**12" Radius Horizontal Crosses** *(26 05 36 00-0786)*		
26 05 36 00-0908	EA	6" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	819.50	307.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.29*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.98*	
26 05 36 00-0909	EA	9" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	878.72	323.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.87*	
		For 6" Overall Height Instead Of 4-5/8", Add	*43.94*	
26 05 36 00-0910	EA	12" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	912.06	341.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.72*	
		For 6" Overall Height Instead Of 4-5/8", Add	*45.60*	
26 05 36 00-0911	EA	18" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,018.46	362.44
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.64*	
		For 6" Overall Height Instead Of 4-5/8", Add	*50.92*	
26 05 36 00-0912	EA	24" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,112.72	410.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-77.08*	
		For 6" Overall Height Instead Of 4-5/8", Add	*55.64*	
26 05 36 00-0913	EA	30" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,236.80	439.42
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-87.07*	
		For 6" Overall Height Instead Of 4-5/8", Add	*61.84*	
26 05 36 00-0914	EA	36" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,420.65	474.05
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-102.57*	
		For 6" Overall Height Instead Of 4-5/8", Add	*71.03*	
26 05 36 00-0915		**24" Radius Horizontal Crosses** *(26 05 36 00-0786)*		
26 05 36 00-0916	EA	6" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,157.11	341.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-87.23*	
		For 6" Overall Height Instead Of 4-5/8", Add	*57.86*	
26 05 36 00-0917	EA	9" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,209.46	362.44
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-90.74*	
		For 6" Overall Height Instead Of 4-5/8", Add	*60.47*	
26 05 36 00-0918	EA	12" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,264.93	384.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-94.42*	
		For 6" Overall Height Instead Of 4-5/8", Add	*63.25*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0919		EA	18" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,339.76	410.29
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-99.78*	
			For 6" Overall Height Instead Of 4-5/8", Add	*66.99*	
26 05 36 00-0920		EA	24" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,503.54	474.05
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-110.85*	
			For 6" Overall Height Instead Of 4-5/8", Add	*75.18*	
26 05 36 00-0921		EA	30" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,654.30	513.18
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-122.66*	
			For 6" Overall Height Instead Of 4-5/8", Add	*82.72*	
26 05 36 00-0922		EA	36" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,833.13	559.37
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-136.69*	
			For 6" Overall Height Instead Of 4-5/8", Add	*91.66*	
26 05 36 00-0923			**36" Radius Horizontal Crosses** *(26 05 36 00-0786)*		
26 05 36 00-0924		EA	6" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,333.40	384.88
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-101.27*	
			For 6" Overall Height Instead Of 4-5/8", Add	*66.67*	
26 05 36 00-0925		EA	9" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,437.64	410.29
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-109.57*	
			For 6" Overall Height Instead Of 4-5/8", Add	*71.88*	
26 05 36 00-0926		EA	12" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,531.27	439.42
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-116.51*	
			For 6" Overall Height Instead Of 4-5/8", Add	*76.56*	
26 05 36 00-0927		EA	18" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,604.44	474.05
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-120.94*	
			For 6" Overall Height Instead Of 4-5/8", Add	*80.22*	
26 05 36 00-0928		EA	24" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,941.43	559.37
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-147.52*	
			For 6" Overall Height Instead Of 4-5/8", Add	*97.07*	
26 05 36 00-0929		EA	30" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,141.89	614.79
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-162.95*	
			For 6" Overall Height Instead Of 4-5/8", Add	*107.09*	
26 05 36 00-0930		EA	36" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,384.71	684.84
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-181.40*	
			For 6" Overall Height Instead Of 4-5/8", Add	*119.24*	
26 05 36 00-0931			**12" Radius Vertical Cross** *(26 05 36 00-0786)*		
26 05 36 00-0932		EA	6" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	819.50	307.91
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.29*	
			For 6" Overall Height Instead Of 4-5/8", Add	*40.98*	
26 05 36 00-0933		EA	9" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	878.90	324.08
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.88*	
			For 6" Overall Height Instead Of 4-5/8", Add	*43.95*	
26 05 36 00-0934		EA	12" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	911.96	341.78
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.72*	
			For 6" Overall Height Instead Of 4-5/8", Add	*45.60*	
26 05 36 00-0935		EA	18" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,018.68	362.57
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.66*	
			For 6" Overall Height Instead Of 4-5/8", Add	*50.93*	
26 05 36 00-0936		EA	24" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,112.72	410.29
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-77.08*	
			For 6" Overall Height Instead Of 4-5/8", Add	*55.64*	
26 05 36 00-0937		EA	30" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,237.14	439.54
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-87.08*	
			For 6" Overall Height Instead Of 4-5/8", Add	*61.86*	
26 05 36 00-0938		EA	36" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,419.68	473.41
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-102.52*	
			For 6" Overall Height Instead Of 4-5/8", Add	*70.98*	
26 05 36 00-0939			**24" Radius Vertical Crosses** *(26 05 36 00-0786)*		
26 05 36 00-0940		EA	6" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,157.11	341.78
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-87.23*	
			For 6" Overall Height Instead Of 4-5/8", Add	*57.86*	
26 05 36 00-0941		EA	9" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,209.46	362.44
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-90.74*	
			For 6" Overall Height Instead Of 4-5/8", Add	*60.47*	
26 05 36 00-0942		EA	12" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,264.93	384.88
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-94.42*	
			For 6" Overall Height Instead Of 4-5/8", Add	*63.25*	
26 05 36 00-0943		EA	18" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,339.76	410.29
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-99.78*	
			For 6" Overall Height Instead Of 4-5/8", Add	*66.99*	
26 05 36 00-0944		EA	24" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,503.54	474.05
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-110.85*	
			For 6" Overall Height Instead Of 4-5/8", Add	*75.18*	
26 05 36 00-0945		EA	30" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,619.30	513.18
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-119.16*	
			For 6" Overall Height Instead Of 4-5/8", Add	*80.97*	
26 05 36 00-0946		EA	36" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,793.67	559.37
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-132.75*	
			For 6" Overall Height Instead Of 4-5/8", Add	*89.68*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0947			**36" Radius Vertical Crosses** *(26 05 36 00-0786)*		
26 05 36 00-0948	EA		6" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,644.76	384.88
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-132.40*	
			For 6" Overall Height Instead Of 4-5/8", Add	*82.24*	
26 05 36 00-0949	EA		9" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,728.96	410.29
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-138.70*	
			For 6" Overall Height Instead Of 4-5/8", Add	*86.45*	
26 05 36 00-0950	EA		12" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,840.07	439.42
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-147.39*	
			For 6" Overall Height Instead Of 4-5/8", Add	*92.00*	
26 05 36 00-0951	EA		18" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,970.94	474.05
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-157.59*	
			For 6" Overall Height Instead Of 4-5/8", Add	*98.55*	
26 05 36 00-0952	EA		24" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,395.50	559.37
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-192.93*	
			For 6" Overall Height Instead Of 4-5/8", Add	*119.78*	
26 05 36 00-0953	EA		30" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,644.61	614.79
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-213.22*	
			For 6" Overall Height Instead Of 4-5/8", Add	*132.23*	
26 05 36 00-0954	EA		36" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,944.19	684.84
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-237.35*	
			For 6" Overall Height Instead Of 4-5/8", Add	*147.21*	
26 05 36 00-0955			**6" Rung Tray Fittings** *(26 05 36 00-0744)*		
26 05 36 00-0956			**90 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-0955)*		
26 05 36 00-0957	EA		6" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	345.80	128.68
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.86*	
			For 6" Overall Height Instead Of 4-5/8", Add	*17.29*	
26 05 36 00-0958	EA		9" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	379.00	146.52
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.69*	
			For 6" Overall Height Instead Of 4-5/8", Add	*18.95*	
26 05 36 00-0959	EA		12" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	429.65	162.04
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.47*	
			For 6" Overall Height Instead Of 4-5/8", Add	*21.48*	
26 05 36 00-0960	EA		18" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	510.63	198.60
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.51*	
			For 6" Overall Height Instead Of 4-5/8", Add	*25.53*	
26 05 36 00-0961	EA		24" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	602.90	227.99
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.29*	
			For 6" Overall Height Instead Of 4-5/8", Add	*30.15*	
26 05 36 00-0962	EA		30" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	663.83	256.60
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.00*	
			For 6" Overall Height Instead Of 4-5/8", Add	*33.19*	
26 05 36 00-0963	EA		36" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	774.86	293.28
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.05*	
			For 6" Overall Height Instead Of 4-5/8", Add	*38.74*	
26 05 36 00-0964			**90 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-0955)*		
26 05 36 00-0965	EA		6" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	455.91	133.81
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.44*	
			For 6" Overall Height Instead Of 4-5/8", Add	*22.80*	
26 05 36 00-0966	EA		9" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	499.23	153.83
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.10*	
			For 6" Overall Height Instead Of 4-5/8", Add	*24.96*	
26 05 36 00-0967	EA		12" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	539.59	171.02
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.70*	
			For 6" Overall Height Instead Of 4-5/8", Add	*26.98*	
26 05 36 00-0968	EA		18" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	630.12	212.45
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.31*	
			For 6" Overall Height Instead Of 4-5/8", Add	*31.51*	
26 05 36 00-0969	EA		24" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	713.39	246.45
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.81*	
			For 6" Overall Height Instead Of 4-5/8", Add	*35.67*	
26 05 36 00-0970	EA		30" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	797.18	279.68
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.41*	
			For 6" Overall Height Instead Of 4-5/8", Add	*39.86*	
26 05 36 00-0971	EA		36" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	912.54	323.95
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-64.26*	
			For 6" Overall Height Instead Of 4-5/8", Add	*45.63*	
26 05 36 00-0972			**90 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-0955)*		
26 05 36 00-0973	EA		6" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	489.24	139.84
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.27*	
			For 6" Overall Height Instead Of 4-5/8", Add	*24.46*	
26 05 36 00-0974	EA		9" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	532.55	161.91
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.77*	
			For 6" Overall Height Instead Of 4-5/8", Add	*26.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0975	EA	12" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	594.74	181.16
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.37*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.74*	
26 05 36 00-0976	EA	18" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	709.35	227.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.93*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.47*	
26 05 36 00-0977	EA	24" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	818.66	267.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.56*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.93*	
26 05 36 00-0978	EA	30" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	922.34	307.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.58*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.12*	
26 05 36 00-0979	EA	36" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,071.93	361.80
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-77.05*	
		For 6" Overall Height Instead Of 4-5/8", Add	*53.60*	
26 05 36 00-0980		**45 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-0955)*		
26 05 36 00-0981	EA	6" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	241.88	93.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.42*	
		For 30 Degree Bend, Deduct	*-78.65*	
		For 60 Degree Bend, Deduct	*-44.08*	
		For 6" Overall Height Instead Of 4-5/8", Add	*12.09*	
26 05 36 00-0982	EA	9" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	276.19	111.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.30*	
		For 30 Degree Bend, Deduct	*-86.68*	
		For 60 Degree Bend, Deduct	*-48.28*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.81*	
26 05 36 00-0983	EA	12" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	306.97	128.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.01*	
		For 30 Degree Bend, Deduct	*-93.99*	
		For 60 Degree Bend, Deduct	*-52.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.35*	
26 05 36 00-0984	EA	18" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	379.99	162.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.49*	
		For 30 Degree Bend, Deduct	*-114.42*	
		For 60 Degree Bend, Deduct	*-63.25*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.00*	
26 05 36 00-0985	EA	24" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	467.39	198.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.19*	
		For 30 Degree Bend, Deduct	*-141.21*	
		For 60 Degree Bend, Deduct	*-78.11*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.37*	
26 05 36 00-0986	EA	30" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	536.37	227.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.64*	
		For 30 Degree Bend, Deduct	*-162.00*	
		For 60 Degree Bend, Deduct	*-89.60*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.82*	
26 05 36 00-0987	EA	36" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	609.09	267.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.60*	
		For 30 Degree Bend, Deduct	*-178.87*	
		For 60 Degree Bend, Deduct	*-98.40*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.45*	
26 05 36 00-0988		**45 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-0955)*		
26 05 36 00-0989	EA	6" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	276.71	96.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.66*	
		For 30 Degree Bend, Deduct	*-96.09*	
		For 60 Degree Bend, Deduct	*-54.45*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.84*	
26 05 36 00-0990	EA	9" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	323.06	115.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.64*	
		For 30 Degree Bend, Deduct	*-110.02*	
		For 60 Degree Bend, Deduct	*-62.14*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.15*	
26 05 36 00-0991	EA	12" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	356.26	133.94
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.47*	
		For 30 Degree Bend, Deduct	*-117.82*	
		For 60 Degree Bend, Deduct	*-66.23*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.81*	
26 05 36 00-0992	EA	18" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	428.15	171.02
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.56*	
		For 30 Degree Bend, Deduct	*-135.69*	
		For 60 Degree Bend, Deduct	*-75.71*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.41*	
26 05 36 00-0993	EA	24" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	520.35	212.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.33*	
		For 30 Degree Bend, Deduct	*-162.29*	
		For 60 Degree Bend, Deduct	*-90.29*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.02*	
26 05 36 00-0994	EA	30" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	610.27	246.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.49*	
		For 30 Degree Bend, Deduct	*-191.91*	
		For 60 Degree Bend, Deduct	*-106.93*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0995	EA	36" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	698.50	293.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.40*	
		For 30 Degree Bend, Deduct	*-213.05*	
		For 60 Degree Bend, Deduct	*-118.05*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.93*	
26 05 36 00-0996		**45 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-0955)*		
26 05 36 00-0997	EA	6" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	321.77	99.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.91*	
		For 30 Degree Bend, Deduct	*-119.08*	
		For 60 Degree Bend, Deduct	*-68.14*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.09*	
26 05 36 00-0998	EA	9" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	360.63	120.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.02*	
		For 30 Degree Bend, Deduct	*-128.01*	
		For 60 Degree Bend, Deduct	*-72.79*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.03*	
26 05 36 00-0999	EA	12" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	396.27	139.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.96*	
		For 30 Degree Bend, Deduct	*-136.30*	
		For 60 Degree Bend, Deduct	*-77.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.81*	
26 05 36 00-1000	EA	18" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	481.64	181.16
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.06*	
		For 30 Degree Bend, Deduct	*-159.20*	
		For 60 Degree Bend, Deduct	*-89.48*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.08*	
26 05 36 00-1001	EA	24" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	599.57	227.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.96*	
		For 30 Degree Bend, Deduct	*-196.76*	
		For 60 Degree Bend, Deduct	*-110.45*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.98*	
26 05 36 00-1002	EA	30" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	678.95	267.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.59*	
		For 30 Degree Bend, Deduct	*-217.29*	
		For 60 Degree Bend, Deduct	*-121.45*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.95*	
26 05 36 00-1003	EA	36" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	796.11	323.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.61*	
		For 30 Degree Bend, Deduct	*-248.87*	
		For 60 Degree Bend, Deduct	*-138.52*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.81*	
26 05 36 00-1004		**90 Degree, 12" Radius Vertical Risers** *(26 05 36 00-0955)*		
26 05 36 00-1005	EA	6" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	389.17	128.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.23*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.46*	
26 05 36 00-1006	EA	9" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	429.18	146.52
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.70*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.46*	
26 05 36 00-1007	EA	12" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	458.07	162.04
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.31*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.90*	
26 05 36 00-1008	EA	18" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	525.46	198.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.00*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.27*	
26 05 36 00-1009	EA	24" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	584.05	227.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.40*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.20*	
26 05 36 00-1010	EA	30" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	641.24	256.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.74*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.06*	
26 05 36 00-1011	EA	36" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	708.16	292.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.41*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.41*	
26 05 36 00-1012		**90 Degree, 24" Radius Vertical Risers** *(26 05 36 00-0955)*		
26 05 36 00-1013	EA	6" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	412.73	133.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.64*	
26 05 36 00-1014	EA	9" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	454.25	153.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.60*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.71*	
26 05 36 00-1015	EA	12" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	487.54	171.02
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.50*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.38*	
26 05 36 00-1016	EA	18" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	567.61	212.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.06*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.38*	
26 05 36 00-1017	EA	24" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	637.02	246.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.17*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1018	EA	30" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	705.28	279.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.22*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.26*	
26 05 36 00-1019	EA	36" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	795.00	323.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.50*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.75*	
26 05 36 00-1020		**90 Degree, 36" Radius Vertical Risers** *(26 05 36 00-0955)*		
26 05 36 00-1021	EA	6" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	526.39	139.84
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.98*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.32*	
26 05 36 00-1022	EA	9" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	569.64	162.04
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.47*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.48*	
26 05 36 00-1023	EA	12" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	620.80	181.16
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.98*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.04*	
26 05 36 00-1024	EA	18" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	711.56	227.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.16*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.58*	
26 05 36 00-1025	EA	24" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	790.39	267.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.73*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.52*	
26 05 36 00-1026	EA	30" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	882.98	307.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.64*	
		For 6" Overall Height Instead Of 4-5/8", Add	*44.15*	
26 05 36 00-1027	EA	36" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	988.63	361.80
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.72*	
		For 6" Overall Height Instead Of 4-5/8", Add	*49.43*	
26 05 36 00-1028		**12" Radius Horizontal Tees** *(26 05 36 00-0955)*		
26 05 36 00-1029	EA	6" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	613.60	246.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.83*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.68*	
26 05 36 00-1030	EA	9" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	662.31	267.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.93*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.12*	
26 05 36 00-1031	EA	12" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	685.74	279.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.26*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.29*	
26 05 36 00-1032	EA	18" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	775.98	307.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.94*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.80*	
26 05 36 00-1033	EA	24" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	859.11	341.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.43*	
		For 6" Overall Height Instead Of 4-5/8", Add	*42.96*	
26 05 36 00-1034	EA	30" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	940.01	362.44
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.80*	
		For 6" Overall Height Instead Of 4-5/8", Add	*47.00*	
26 05 36 00-1035	EA	36" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,086.39	410.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.45*	
		For 6" Overall Height Instead Of 4-5/8", Add	*54.32*	
26 05 36 00-1036		**24" Radius Horizontal Tees** *(26 05 36 00-0955)*		
26 05 36 00-1037	EA	6" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	792.05	267.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.90*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.60*	
26 05 36 00-1038	EA	9" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	854.85	293.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.04*	
		For 6" Overall Height Instead Of 4-5/8", Add	*42.74*	
26 05 36 00-1039	EA	12" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	889.08	307.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.25*	
		For 6" Overall Height Instead Of 4-5/8", Add	*44.45*	
26 05 36 00-1040	EA	18" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	978.86	341.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-69.40*	
		For 6" Overall Height Instead Of 4-5/8", Add	*48.94*	
26 05 36 00-1041	EA	24" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,087.23	384.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-76.65*	
		For 6" Overall Height Instead Of 4-5/8", Add	*54.36*	
26 05 36 00-1042	EA	30" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,172.88	410.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-83.09*	
		For 6" Overall Height Instead Of 4-5/8", Add	*58.64*	
26 05 36 00-1043	EA	36" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,538.47	474.05
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-114.35*	
		For 6" Overall Height Instead Of 4-5/8", Add	*76.92*	
26 05 36 00-1044		**36" Radius Horizontal Tees** *(26 05 36 00-0955)*		
26 05 36 00-1045	EA	6" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	977.93	293.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-73.35*	
		For 6" Overall Height Instead Of 4-5/8", Add	*48.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1046	EA	9" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,042.28	323.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-77.23*	
		For 6" Overall Height Instead Of 4-5/8", Add	*52.11*	
26 05 36 00-1047	EA	12" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,118.58	341.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-83.37*	
		For 6" Overall Height Instead Of 4-5/8", Add	*55.93*	
26 05 36 00-1048	EA	18" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,220.30	384.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-89.96*	
		For 6" Overall Height Instead Of 4-5/8", Add	*61.02*	
26 05 36 00-1049	EA	24" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,370.97	439.42
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-100.48*	
		For 6" Overall Height Instead Of 4-5/8", Add	*68.55*	
26 05 36 00-1050	EA	30" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,598.35	474.05
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-120.34*	
		For 6" Overall Height Instead Of 4-5/8", Add	*79.92*	
26 05 36 00-1051	EA	36" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,830.54	559.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-136.44*	
		For 6" Overall Height Instead Of 4-5/8", Add	*91.53*	
26 05 36 00-1052		**12" Radius Vertical Tees** *(26 05 36 00-0955)*		
26 05 36 00-1053	EA	6" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	835.75	227.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-64.57*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.79*	
26 05 36 00-1054	EA	9" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	864.03	236.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.65*	
		For 6" Overall Height Instead Of 4-5/8", Add	*43.20*	
26 05 36 00-1055	EA	12" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	883.05	246.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.77*	
		For 6" Overall Height Instead Of 4-5/8", Add	*44.15*	
26 05 36 00-1056	EA	18" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	928.44	267.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-70.54*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.42*	
26 05 36 00-1057	EA	24" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	988.45	279.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-75.54*	
		For 6" Overall Height Instead Of 4-5/8", Add	*49.42*	
26 05 36 00-1058	EA	30" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,045.42	307.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-78.88*	
		For 6" Overall Height Instead Of 4-5/8", Add	*52.27*	
26 05 36 00-1059	EA	36" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,118.58	341.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-83.37*	
		For 6" Overall Height Instead Of 4-5/8", Add	*55.93*	
26 05 36 00-1060		**24" Radius Vertical Tees** *(26 05 36 00-0955)*		
26 05 36 00-1061	EA	6" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,182.43	246.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-97.71*	
		For 6" Overall Height Instead Of 4-5/8", Add	*59.12*	
26 05 36 00-1062	EA	9" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,209.38	256.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-99.56*	
		For 6" Overall Height Instead Of 4-5/8", Add	*60.47*	
26 05 36 00-1063	EA	12" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,237.80	267.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-101.48*	
		For 6" Overall Height Instead Of 4-5/8", Add	*61.89*	
26 05 36 00-1064	EA	18" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,303.93	293.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-105.95*	
		For 6" Overall Height Instead Of 4-5/8", Add	*65.20*	
26 05 36 00-1065	EA	24" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,348.14	307.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-109.16*	
		For 6" Overall Height Instead Of 4-5/8", Add	*67.41*	
26 05 36 00-1066	EA	30" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,424.62	341.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-113.98*	
		For 6" Overall Height Instead Of 4-5/8", Add	*71.23*	
26 05 36 00-1067	EA	36" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,572.91	384.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-125.22*	
		For 6" Overall Height Instead Of 4-5/8", Add	*78.65*	
26 05 36 00-1068		**36" Radius Vertical Tees** *(26 05 36 00-0955)*		
26 05 36 00-1069	EA	6" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,914.25	267.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-169.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*95.71*	
26 05 36 00-1070	EA	9" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,953.41	279.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-172.03*	
		For 6" Overall Height Instead Of 4-5/8", Add	*97.67*	
26 05 36 00-1071	EA	12" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,995.21	293.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-175.07*	
		For 6" Overall Height Instead Of 4-5/8", Add	*99.76*	
26 05 36 00-1072	EA	18" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,065.35	323.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-179.54*	
		For 6" Overall Height Instead Of 4-5/8", Add	*103.27*	
26 05 36 00-1073	EA	24" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,114.14	341.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-182.93*	
		For 6" Overall Height Instead Of 4-5/8", Add	*105.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1074	EA	30" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,243.10	384.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-192.24*	
		For 6" Overall Height Instead Of 4-5/8", Add	*112.16*	
26 05 36 00-1075	EA	36" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,352.96	439.42
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-198.68*	
		For 6" Overall Height Instead Of 4-5/8", Add	*117.65*	
26 05 36 00-1076		**12" Radius Horizontal Crosses** *(26 05 36 00-0955)*		
26 05 36 00-1077	EA	6" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	795.93	307.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.93*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.80*	
26 05 36 00-1078	EA	9" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	852.66	323.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.27*	
		For 6" Overall Height Instead Of 4-5/8", Add	*42.63*	
26 05 36 00-1079	EA	12" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	885.72	341.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.09*	
		For 6" Overall Height Instead Of 4-5/8", Add	*44.29*	
26 05 36 00-1080	EA	18" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	986.58	362.44
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.46*	
		For 6" Overall Height Instead Of 4-5/8", Add	*49.33*	
26 05 36 00-1081	EA	24" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,079.74	410.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-73.78*	
		For 6" Overall Height Instead Of 4-5/8", Add	*53.99*	
26 05 36 00-1082	EA	30" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,197.99	439.42
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-83.19*	
		For 6" Overall Height Instead Of 4-5/8", Add	*59.90*	
26 05 36 00-1083	EA	36" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,372.14	474.05
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-97.71*	
		For 6" Overall Height Instead Of 4-5/8", Add	*68.61*	
26 05 36 00-1084		**24" Radius Horizontal Crosses** *(26 05 36 00-0955)*		
26 05 36 00-1085	EA	6" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,111.92	341.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-82.71*	
		For 6" Overall Height Instead Of 4-5/8", Add	*55.60*	
26 05 36 00-1086	EA	9" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,162.89	362.44
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-86.09*	
		For 6" Overall Height Instead Of 4-5/8", Add	*58.14*	
26 05 36 00-1087	EA	12" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,216.97	384.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-89.62*	
		For 6" Overall Height Instead Of 4-5/8", Add	*60.85*	
26 05 36 00-1088	EA	18" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,289.31	410.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-94.74*	
		For 6" Overall Height Instead Of 4-5/8", Add	*64.47*	
26 05 36 00-1089	EA	24" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,448.65	474.05
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-105.37*	
		For 6" Overall Height Instead Of 4-5/8", Add	*72.43*	
26 05 36 00-1090	EA	30" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,560.53	513.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-113.29*	
		For 6" Overall Height Instead Of 4-5/8", Add	*78.03*	
26 05 36 00-1091	EA	36" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,727.42	559.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-126.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*86.37*	
26 05 36 00-1092		**36" Radius Horizontal Crosses** *(26 05 36 00-0955)*		
26 05 36 00-1093	EA	6" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,280.17	384.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-95.94*	
		For 6" Overall Height Instead Of 4-5/8", Add	*64.01*	
26 05 36 00-1094	EA	9" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,349.19	410.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-100.73*	
		For 6" Overall Height Instead Of 4-5/8", Add	*67.46*	
26 05 36 00-1095	EA	12" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,437.50	439.42
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-107.14*	
		For 6" Overall Height Instead Of 4-5/8", Add	*71.88*	
26 05 36 00-1096	EA	18" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,541.79	474.05
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-114.68*	
		For 6" Overall Height Instead Of 4-5/8", Add	*77.09*	
26 05 36 00-1097	EA	24" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,863.81	559.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-139.76*	
		For 6" Overall Height Instead Of 4-5/8", Add	*93.19*	
26 05 36 00-1098	EA	30" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,055.95	614.79
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-154.36*	
		For 6" Overall Height Instead Of 4-5/8", Add	*102.80*	
26 05 36 00-1099	EA	36" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,289.07	684.84
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-171.84*	
		For 6" Overall Height Instead Of 4-5/8", Add	*114.45*	
26 05 36 00-1100		**12" Radius Vertical Crosses** *(26 05 36 00-0955)*		
26 05 36 00-1101	EA	6" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	795.93	307.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.93*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1102	EA	9" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	852.84	324.08
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.28*	
		For 6" Overall Height Instead Of 4-5/8", Add	*42.64*	
26 05 36 00-1103	EA	12" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	885.62	341.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.08*	
		For 6" Overall Height Instead Of 4-5/8", Add	*44.28*	
26 05 36 00-1104	EA	18" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	986.80	362.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.47*	
		For 6" Overall Height Instead Of 4-5/8", Add	*49.34*	
26 05 36 00-1105	EA	24" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,079.74	410.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-73.78*	
		For 6" Overall Height Instead Of 4-5/8", Add	*53.99*	
26 05 36 00-1106	EA	30" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,198.33	439.54
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-83.20*	
		For 6" Overall Height Instead Of 4-5/8", Add	*59.92*	
26 05 36 00-1107	EA	36" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,371.17	473.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-97.67*	
		For 6" Overall Height Instead Of 4-5/8", Add	*68.56*	
26 05 36 00-1108		**24" Radius Vertical Crosses** *(26 05 36 00-0955)*		
26 05 36 00-1109	EA	6" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,111.92	341.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-82.71*	
		For 6" Overall Height Instead Of 4-5/8", Add	*55.60*	
26 05 36 00-1110	EA	9" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,162.89	362.44
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-86.09*	
		For 6" Overall Height Instead Of 4-5/8", Add	*58.14*	
26 05 36 00-1111	EA	12" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,216.97	384.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-89.62*	
		For 6" Overall Height Instead Of 4-5/8", Add	*60.85*	
26 05 36 00-1112	EA	18" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,289.31	410.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-94.74*	
		For 6" Overall Height Instead Of 4-5/8", Add	*64.47*	
26 05 36 00-1113	EA	24" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,448.65	474.05
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-105.37*	
		For 6" Overall Height Instead Of 4-5/8", Add	*72.43*	
26 05 36 00-1114	EA	30" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,560.53	513.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-113.29*	
		For 6" Overall Height Instead Of 4-5/8", Add	*78.03*	
26 05 36 00-1115	EA	36" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,727.42	559.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-126.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*86.37*	
26 05 36 00-1116		**36" Radius Vertical Crosses** *(26 05 36 00-0955)*		
26 05 36 00-1117	EA	6" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,567.58	384.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-124.68*	
		For 6" Overall Height Instead Of 4-5/8", Add	*78.38*	
26 05 36 00-1118	EA	9" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,648.57	410.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-130.66*	
		For 6" Overall Height Instead Of 4-5/8", Add	*82.43*	
26 05 36 00-1119	EA	12" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,754.85	439.42
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-138.87*	
		For 6" Overall Height Instead Of 4-5/8", Add	*87.74*	
26 05 36 00-1120	EA	18" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,880.10	474.05
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-148.51*	
		For 6" Overall Height Instead Of 4-5/8", Add	*94.01*	
26 05 36 00-1121	EA	24" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,282.95	559.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-181.68*	
		For 6" Overall Height Instead Of 4-5/8", Add	*114.15*	
26 05 36 00-1122	EA	30" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,520.00	614.79
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-200.76*	
		For 6" Overall Height Instead Of 4-5/8", Add	*126.00*	
26 05 36 00-1123	EA	36" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,805.51	684.84
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-223.48*	
		For 6" Overall Height Instead Of 4-5/8", Add	*140.28*	
26 05 36 00-1124		**9" Rung Tray Fittings** *(26 05 36 00-0744)*		
26 05 36 00-1125		**90 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-1124)*		
26 05 36 00-1126	EA	6" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	323.90	128.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.67*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.20*	
26 05 36 00-1127	EA	9" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	356.55	146.52
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.44*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.83*	
26 05 36 00-1128	EA	12" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	403.04	162.04
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.81*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.15*	
26 05 36 00-1129	EA	18" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	480.69	198.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.52*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1130	EA	24" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	565.75	227.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.57*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.29*	
26 05 36 00-1131	EA	30" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	624.47	256.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.06*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.22*	
26 05 36 00-1132	EA	36" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	727.18	293.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.28*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.36*	

26 05 36 00-1133 90 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-1124)*

26 05 36 00-1134	EA	6" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	417.10	133.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.56*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.86*	
26 05 36 00-1135	EA	9" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	458.75	153.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.06*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.94*	
26 05 36 00-1136	EA	12" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	497.18	171.02
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.46*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.86*	
26 05 36 00-1137	EA	18" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	584.10	212.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.71*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.21*	
26 05 36 00-1138	EA	24" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	662.94	246.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.76*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.15*	
26 05 36 00-1139	EA	30" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	742.01	279.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.89*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.10*	
26 05 36 00-1140	EA	36" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	850.45	323.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.05*	
		For 6" Overall Height Instead Of 4-5/8", Add	*42.52*	

26 05 36 00-1141 90 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-1124)*

26 05 36 00-1142	EA	6" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	446.55	139.84
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.00*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.33*	
26 05 36 00-1143	EA	9" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	488.75	161.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.39*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.44*	
26 05 36 00-1144	EA	12" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	545.96	181.16
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.50*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.30*	
26 05 36 00-1145	EA	18" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	654.46	227.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.45*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.72*	
26 05 36 00-1146	EA	24" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	756.57	267.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.35*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.83*	
26 05 36 00-1147	EA	30" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	854.15	307.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.76*	
		For 6" Overall Height Instead Of 4-5/8", Add	*42.71*	
26 05 36 00-1148	EA	36" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	993.76	361.80
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-69.23*	
		For 6" Overall Height Instead Of 4-5/8", Add	*49.69*	

26 05 36 00-1149 45 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-1124)*

26 05 36 00-1150	EA	6" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	227.46	93.27
		For 30 Degree Bend, Deduct	*-70.72*	
		For 60 Degree Bend, Deduct	*-39.32*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.98*	
		For 6" Overall Height Instead Of 4-5/8", Add	*11.37*	
26 05 36 00-1151	EA	9" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	261.22	111.87
		For 30 Degree Bend, Deduct	*-78.44*	
		For 60 Degree Bend, Deduct	*-43.34*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.80*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.06*	
26 05 36 00-1152	EA	12" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	291.45	128.30
		For 30 Degree Bend, Deduct	*-85.46*	
		For 60 Degree Bend, Deduct	*-47.00*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.45*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.57*	
26 05 36 00-1153	EA	18" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	361.69	162.17
		For 30 Degree Bend, Deduct	*-104.36*	
		For 60 Degree Bend, Deduct	*-57.21*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.66*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.08*	
26 05 36 00-1154	EA	24" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	444.66	198.60
		For 30 Degree Bend, Deduct	*-128.71*	
		For 60 Degree Bend, Deduct	*-70.61*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.92*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1155	EA	30" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	510.31	227.99
		For 30 Degree Bend, Deduct	*-147.66*	
		For 60 Degree Bend, Deduct	*-81.00*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.03*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.52*	
26 05 36 00-1156	EA	36" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	581.92	267.63
		For 30 Degree Bend, Deduct	*-163.92*	
		For 60 Degree Bend, Deduct	*-89.43*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.89*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.10*	
26 05 36 00-1157		**45 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-1124)*		
26 05 36 00-1158	EA	6" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	257.30	96.22
		For 30 Degree Bend, Deduct	*-85.42*	
		For 60 Degree Bend, Deduct	*-48.04*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.72*	
		For 6" Overall Height Instead Of 4-5/8", Add	*12.87*	
26 05 36 00-1159	EA	9" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	301.44	115.98
		For 30 Degree Bend, Deduct	*-98.13*	
		For 60 Degree Bend, Deduct	*-55.01*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.48*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.07*	
26 05 36 00-1160	EA	12" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	334.08	133.94
		For 30 Degree Bend, Deduct	*-105.62*	
		For 60 Degree Bend, Deduct	*-58.91*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.25*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.70*	
26 05 36 00-1161	EA	18" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	404.31	171.02
		For 30 Degree Bend, Deduct	*-122.58*	
		For 60 Degree Bend, Deduct	*-67.85*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.18*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.22*	
26 05 36 00-1162	EA	24" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	492.63	212.45
		For 30 Degree Bend, Deduct	*-147.04*	
		For 60 Degree Bend, Deduct	*-81.14*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.56*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.63*	
26 05 36 00-1163	EA	30" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	577.01	246.45
		For 30 Degree Bend, Deduct	*-173.62*	
		For 60 Degree Bend, Deduct	*-95.96*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.17*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.85*	
26 05 36 00-1164	EA	36" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	663.57	293.41
		For 30 Degree Bend, Deduct	*-193.84*	
		For 60 Degree Bend, Deduct	*-106.52*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.91*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.18*	
26 05 36 00-1165		**45 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-1124)*		
26 05 36 00-1166	EA	6" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	295.71	99.30
		For 30 Degree Bend, Deduct	*-104.74*	
		For 60 Degree Bend, Deduct	*-59.54*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.30*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.79*	
26 05 36 00-1167	EA	9" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	334.02	120.60
		For 30 Degree Bend, Deduct	*-113.38*	
		For 60 Degree Bend, Deduct	*-64.01*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.35*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.70*	
26 05 36 00-1168	EA	12" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	369.10	139.97
		For 30 Degree Bend, Deduct	*-121.36*	
		For 60 Degree Bend, Deduct	*-68.15*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.25*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.46*	
26 05 36 00-1169	EA	18" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	451.70	181.16
		For 30 Degree Bend, Deduct	*-142.73*	
		For 60 Degree Bend, Deduct	*-79.60*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.07*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.59*	
26 05 36 00-1170	EA	24" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	562.98	227.99
		For 30 Degree Bend, Deduct	*-176.63*	
		For 60 Degree Bend, Deduct	*-98.38*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.30*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.15*	
26 05 36 00-1171	EA	30" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	640.14	267.63
		For 30 Degree Bend, Deduct	*-195.95*	
		For 60 Degree Bend, Deduct	*-108.65*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.71*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.01*	
26 05 36 00-1172	EA	36" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	753.42	323.95
		For 30 Degree Bend, Deduct	*-225.39*	
		For 60 Degree Bend, Deduct	*-124.44*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.34*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.67*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1173			**90 Degree, 12" Radius Vertical Risers** *(26 05 36 00-1124)*		
26 05 36 00-1174		EA	6" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	366.30	128.30
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.94*	
			For 6" Overall Height Instead Of 4-5/8", Add	*18.32*	
26 05 36 00-1175		EA	9" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	405.06	146.52
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.29*	
			For 6" Overall Height Instead Of 4-5/8", Add	*20.25*	
26 05 36 00-1176		EA	12" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	433.53	162.04
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.85*	
			For 6" Overall Height Instead Of 4-5/8", Add	*21.68*	
26 05 36 00-1177		EA	18" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	500.10	198.60
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.46*	
			For 6" Overall Height Instead Of 4-5/8", Add	*25.01*	
26 05 36 00-1178		EA	24" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	557.43	227.99
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.74*	
			For 6" Overall Height Instead Of 4-5/8", Add	*27.87*	
26 05 36 00-1179		EA	30" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	613.38	256.60
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.96*	
			For 6" Overall Height Instead Of 4-5/8", Add	*30.67*	
26 05 36 00-1180		EA	36" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	679.47	292.90
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.54*	
			For 6" Overall Height Instead Of 4-5/8", Add	*33.97*	
26 05 36 00-1181			**90 Degree, 24" Radius Vertical Risers** *(26 05 36 00-1124)*		
26 05 36 00-1182		EA	6" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	387.99	133.81
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.65*	
			For 6" Overall Height Instead Of 4-5/8", Add	*19.40*	
26 05 36 00-1183		EA	9" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	428.47	153.95
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.02*	
			For 6" Overall Height Instead Of 4-5/8", Add	*21.42*	
26 05 36 00-1184		EA	12" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	461.14	171.02
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.86*	
			For 6" Overall Height Instead Of 4-5/8", Add	*23.06*	
26 05 36 00-1185		EA	18" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	539.75	212.45
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.27*	
			For 6" Overall Height Instead Of 4-5/8", Add	*26.99*	
26 05 36 00-1186		EA	24" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	607.50	246.45
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.22*	
			For 6" Overall Height Instead Of 4-5/8", Add	*30.38*	
26 05 36 00-1187		EA	30" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	674.10	279.68
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.10*	
			For 6" Overall Height Instead Of 4-5/8", Add	*33.71*	
26 05 36 00-1188		EA	36" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	761.74	323.95
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.18*	
			For 6" Overall Height Instead Of 4-5/8", Add	*38.09*	
26 05 36 00-1189			**90 Degree, 36" Radius Vertical Risers** *(26 05 36 00-1124)*		
26 05 36 00-1190		EA	6" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	488.13	139.84
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.16*	
			For 6" Overall Height Instead Of 4-5/8", Add	*24.41*	
26 05 36 00-1191		EA	9" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	530.56	162.04
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.56*	
			For 6" Overall Height Instead Of 4-5/8", Add	*26.53*	
26 05 36 00-1192		EA	12" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	579.22	181.16
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.82*	
			For 6" Overall Height Instead Of 4-5/8", Add	*28.96*	
26 05 36 00-1193		EA	18" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	668.32	227.99
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.83*	
			For 6" Overall Height Instead Of 4-5/8", Add	*33.42*	
26 05 36 00-1194		EA	24" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	745.48	267.63
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.24*	
			For 6" Overall Height Instead Of 4-5/8", Add	*37.27*	
26 05 36 00-1195		EA	30" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	834.74	307.91
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.82*	
			For 6" Overall Height Instead Of 4-5/8", Add	*41.74*	
26 05 36 00-1196		EA	36" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	938.31	361.80
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.69*	
			For 6" Overall Height Instead Of 4-5/8", Add	*46.92*	
26 05 36 00-1197			**12" Radius Horizontal Tees** *(26 05 36 00-1124)*		
26 05 36 00-1198		EA	6" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	579.78	246.45
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.44*	
			For 6" Overall Height Instead Of 4-5/8", Add	*28.99*	
26 05 36 00-1199		EA	9" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	626.28	267.63
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.32*	
			For 6" Overall Height Instead Of 4-5/8", Add	*31.31*	
26 05 36 00-1200		EA	12" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	649.15	279.68
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.61*	
			For 6" Overall Height Instead Of 4-5/8", Add	*32.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1201	EA	18" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	732.18	307.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.56*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.61*	
26 05 36 00-1202	EA	24" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	810.87	341.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.60*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.54*	
26 05 36 00-1203	EA	30" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	884.01	362.44
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.20*	
		For 6" Overall Height Instead Of 4-5/8", Add	*44.20*	
26 05 36 00-1204	EA	36" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,019.30	410.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.74*	
		For 6" Overall Height Instead Of 4-5/8", Add	*50.97*	
26 05 36 00-1205		**24" Radius Horizontal Tees** *(26 05 36 00-1124)*		
26 05 36 00-1206	EA	6" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	734.39	267.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.13*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.72*	
26 05 36 00-1207	EA	9" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	793.86	293.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.94*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.69*	
26 05 36 00-1208	EA	12" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	826.43	307.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.98*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.32*	
26 05 36 00-1209	EA	18" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	910.67	341.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.58*	
		For 6" Overall Height Instead Of 4-5/8", Add	*45.53*	
26 05 36 00-1210	EA	24" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,012.94	384.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-69.22*	
		For 6" Overall Height Instead Of 4-5/8", Add	*50.65*	
26 05 36 00-1211	EA	30" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,091.38	410.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.94*	
		For 6" Overall Height Instead Of 4-5/8", Add	*54.57*	
26 05 36 00-1212	EA	36" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,413.72	474.05
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-101.87*	
		For 6" Overall Height Instead Of 4-5/8", Add	*70.69*	
26 05 36 00-1213		**36" Radius Horizontal Tees** *(26 05 36 00-1124)*		
26 05 36 00-1214	EA	6" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	896.43	293.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.20*	
		For 6" Overall Height Instead Of 4-5/8", Add	*44.82*	
26 05 36 00-1215	EA	9" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	958.56	323.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.86*	
		For 6" Overall Height Instead Of 4-5/8", Add	*47.93*	
26 05 36 00-1216	EA	12" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,027.10	341.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.23*	
		For 6" Overall Height Instead Of 4-5/8", Add	*51.36*	
26 05 36 00-1217	EA	18" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,123.83	384.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-80.31*	
		For 6" Overall Height Instead Of 4-5/8", Add	*56.19*	
26 05 36 00-1218	EA	24" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,264.52	439.42
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-89.84*	
		For 6" Overall Height Instead Of 4-5/8", Add	*63.23*	
26 05 36 00-1219	EA	30" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,463.62	474.05
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-106.86*	
		For 6" Overall Height Instead Of 4-5/8", Add	*73.18*	
26 05 36 00-1220	EA	36" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,680.85	559.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-121.47*	
		For 6" Overall Height Instead Of 4-5/8", Add	*84.04*	
26 05 36 00-1221		**12" Radius Vertical Tees** *(26 05 36 00-1124)*		
26 05 36 00-1222	EA	6" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	759.80	227.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.98*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.99*	
26 05 36 00-1223	EA	9" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	785.86	236.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.84*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.29*	
26 05 36 00-1224	EA	12" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	804.32	246.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.90*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.22*	
26 05 36 00-1225	EA	18" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	848.05	267.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.50*	
		For 6" Overall Height Instead Of 4-5/8", Add	*42.40*	
26 05 36 00-1226	EA	24" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	901.41	279.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.83*	
		For 6" Overall Height Instead Of 4-5/8", Add	*45.07*	
26 05 36 00-1227	EA	30" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	956.72	307.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-70.01*	
		For 6" Overall Height Instead Of 4-5/8", Add	*47.84*	
26 05 36 00-1228	EA	36" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,027.10	341.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.23*	
		For 6" Overall Height Instead Of 4-5/8", Add	*51.36*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1229		**24" Radius Vertical Tees** *(26 05 36 00-1124)*		
26 05 36 00-1230	EA	6" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,053.81	246.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-84.85*	
		For 6" Overall Height Instead Of 4-5/8", Add	*52.69*	
26 05 36 00-1231	EA	9" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,079.09	256.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-86.53*	
		For 6" Overall Height Instead Of 4-5/8", Add	*53.95*	
26 05 36 00-1232	EA	12" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,105.85	267.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-88.28*	
		For 6" Overall Height Instead Of 4-5/8", Add	*55.29*	
26 05 36 00-1233	EA	18" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,168.10	293.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-92.36*	
		For 6" Overall Height Instead Of 4-5/8", Add	*58.41*	
26 05 36 00-1234	EA	24" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,208.98	307.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-95.24*	
		For 6" Overall Height Instead Of 4-5/8", Add	*60.45*	
26 05 36 00-1235	EA	30" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,282.13	341.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-99.73*	
		For 6" Overall Height Instead Of 4-5/8", Add	*64.11*	
26 05 36 00-1236	EA	36" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,417.67	384.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-109.69*	
		For 6" Overall Height Instead Of 4-5/8", Add	*70.88*	
26 05 36 00-1237		**36" Radius Vertical Tees** *(26 05 36 00-1124)*		
26 05 36 00-1238	EA	6" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,669.56	267.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-144.65*	
		For 6" Overall Height Instead Of 4-5/8", Add	*83.48*	
26 05 36 00-1239	EA	9" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,705.54	279.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-147.24*	
		For 6" Overall Height Instead Of 4-5/8", Add	*85.28*	
26 05 36 00-1240	EA	12" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,744.17	293.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-149.97*	
		For 6" Overall Height Instead Of 4-5/8", Add	*87.21*	
26 05 36 00-1241	EA	18" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,811.12	323.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-154.11*	
		For 6" Overall Height Instead Of 4-5/8", Add	*90.56*	
26 05 36 00-1242	EA	24" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,856.73	341.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-157.19*	
		For 6" Overall Height Instead Of 4-5/8", Add	*92.84*	
26 05 36 00-1243	EA	30" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,976.17	384.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-165.54*	
		For 6" Overall Height Instead Of 4-5/8", Add	*98.81*	
26 05 36 00-1244	EA	36" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,082.85	439.42
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-171.67*	
		For 6" Overall Height Instead Of 4-5/8", Add	*104.14*	
26 05 36 00-1245		**12" Radius Horizontal Crosses** *(26 05 36 00-1124)*		
26 05 36 00-1246	EA	6" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	748.81	307.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.22*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.44*	
26 05 36 00-1247	EA	9" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	800.55	323.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.06*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.03*	
26 05 36 00-1248	EA	12" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	833.05	341.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.82*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.65*	
26 05 36 00-1249	EA	18" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	922.82	362.44
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.08*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.14*	
26 05 36 00-1250	EA	24" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,013.76	410.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.18*	
		For 6" Overall Height Instead Of 4-5/8", Add	*50.69*	
26 05 36 00-1251	EA	30" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,120.37	439.42
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-75.42*	
		For 6" Overall Height Instead Of 4-5/8", Add	*56.02*	
26 05 36 00-1252	EA	36" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,275.12	474.05
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-88.01*	
		For 6" Overall Height Instead Of 4-5/8", Add	*63.76*	
26 05 36 00-1253		**24" Radius Horizontal Crosses** *(26 05 36 00-1124)*		
26 05 36 00-1254	EA	6" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,021.55	341.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-73.67*	
		For 6" Overall Height Instead Of 4-5/8", Add	*51.08*	
26 05 36 00-1255	EA	9" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,069.74	362.44
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-76.77*	
		For 6" Overall Height Instead Of 4-5/8", Add	*53.49*	
26 05 36 00-1256	EA	12" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,121.05	384.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-80.03*	
		For 6" Overall Height Instead Of 4-5/8", Add	*56.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1257	EA	18" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,188.40	410.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-84.65*	
		For 6" Overall Height Instead Of 4-5/8", Add	*59.42*	
26 05 36 00-1258	EA	24" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,338.88	474.05
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-94.39*	
		For 6" Overall Height Instead Of 4-5/8", Add	*66.94*	
26 05 36 00-1259	EA	30" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,443.00	513.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-101.53*	
		For 6" Overall Height Instead Of 4-5/8", Add	*72.15*	
26 05 36 00-1260	EA	36" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,594.91	559.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-112.87*	
		For 6" Overall Height Instead Of 4-5/8", Add	*79.75*	
26 05 36 00-1261		**36" Radius Horizontal Crosses** *(26 05 36 00-1124)*		
26 05 36 00-1262	EA	6" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,173.72	384.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-85.30*	
		For 6" Overall Height Instead Of 4-5/8", Add	*58.69*	
26 05 36 00-1263	EA	9" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,238.30	410.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-89.64*	
		For 6" Overall Height Instead Of 4-5/8", Add	*61.92*	
26 05 36 00-1264	EA	12" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,319.97	439.42
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-95.38*	
		For 6" Overall Height Instead Of 4-5/8", Add	*66.00*	
26 05 36 00-1265	EA	18" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,416.50	474.05
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-102.15*	
		For 6" Overall Height Instead Of 4-5/8", Add	*70.83*	
26 05 36 00-1266	EA	24" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,708.57	559.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-124.24*	
		For 6" Overall Height Instead Of 4-5/8", Add	*85.43*	
26 05 36 00-1267	EA	30" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,884.08	614.79
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-137.17*	
		For 6" Overall Height Instead Of 4-5/8", Add	*94.20*	
26 05 36 00-1268	EA	36" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,097.80	684.84
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-152.71*	
		For 6" Overall Height Instead Of 4-5/8", Add	*104.89*	
26 05 36 00-1269		**12" Radius Vertical Crosses** *(26 05 36 00-1124)*		
26 05 36 00-1270	EA	6" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	748.81	307.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.22*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.44*	
26 05 36 00-1271	EA	9" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	800.55	323.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.06*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.03*	
26 05 36 00-1272	EA	12" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	833.05	341.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.82*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.65*	
26 05 36 00-1273	EA	18" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	922.82	362.44
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.08*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.14*	
26 05 36 00-1274	EA	24" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,013.76	410.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.18*	
		For 6" Overall Height Instead Of 4-5/8", Add	*50.69*	
26 05 36 00-1275	EA	30" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,120.37	439.42
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-75.42*	
		For 6" Overall Height Instead Of 4-5/8", Add	*56.02*	
26 05 36 00-1276	EA	36" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,273.18	472.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-87.92*	
		For 6" Overall Height Instead Of 4-5/8", Add	*63.66*	
26 05 36 00-1277		**24" Radius Vertical Crosses** *(26 05 36 00-1124)*		
26 05 36 00-1278	EA	6" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,021.55	341.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-73.67*	
		For 6" Overall Height Instead Of 4-5/8", Add	*51.08*	
26 05 36 00-1279	EA	9" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,069.74	362.44
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-76.77*	
		For 6" Overall Height Instead Of 4-5/8", Add	*53.49*	
26 05 36 00-1280	EA	12" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,121.05	384.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-80.03*	
		For 6" Overall Height Instead Of 4-5/8", Add	*56.05*	
26 05 36 00-1281	EA	18" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,188.40	410.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-84.65*	
		For 6" Overall Height Instead Of 4-5/8", Add	*59.42*	
26 05 36 00-1282	EA	24" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,338.88	474.05
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-94.39*	
		For 6" Overall Height Instead Of 4-5/8", Add	*66.94*	
26 05 36 00-1283	EA	30" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,443.00	513.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-101.53*	
		For 6" Overall Height Instead Of 4-5/8", Add	*72.15*	
26 05 36 00-1284	EA	36" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,594.91	559.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-112.87*	
		For 6" Overall Height Instead Of 4-5/8", Add	*79.75*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1285			36" Radius Vertical Crosses *(26 05 36 00-1124)*		
26 05 36 00-1286		EA	6" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,413.23	384.88
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-109.25*	
			For 6" Overall Height Instead Of 4-5/8", Add	*70.66*	
26 05 36 00-1287		EA	9" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,487.79	410.29
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-114.59*	
			For 6" Overall Height Instead Of 4-5/8", Add	*74.39*	
26 05 36 00-1288		EA	12" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,584.43	439.42
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-121.83*	
			For 6" Overall Height Instead Of 4-5/8", Add	*79.22*	
26 05 36 00-1289		EA	18" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,698.42	474.05
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-130.34*	
			For 6" Overall Height Instead Of 4-5/8", Add	*84.92*	
26 05 36 00-1290		EA	24" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,057.85	559.37
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-159.17*	
			For 6" Overall Height Instead Of 4-5/8", Add	*102.89*	
26 05 36 00-1291		EA	30" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,270.79	614.79
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-175.84*	
			For 6" Overall Height Instead Of 4-5/8", Add	*113.54*	
26 05 36 00-1292		EA	36" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,528.17	684.84
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-195.75*	
			For 6" Overall Height Instead Of 4-5/8", Add	*126.41*	
26 05 36 00-1293			12" Rung Tray Fittings *(26 05 36 00-0744)*		
26 05 36 00-1294			90 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-1293)*		
26 05 36 00-1295		EA	6" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	316.23	128.68
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.90*	
			For 6" Overall Height Instead Of 4-5/8", Add	*15.81*	
26 05 36 00-1296		EA	9" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	348.69	146.52
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.66*	
			For 6" Overall Height Instead Of 4-5/8", Add	*17.43*	
26 05 36 00-1297		EA	12" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	393.73	162.04
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.87*	
			For 6" Overall Height Instead Of 4-5/8", Add	*19.69*	
26 05 36 00-1298		EA	18" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	470.22	198.60
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.47*	
			For 6" Overall Height Instead Of 4-5/8", Add	*23.51*	
26 05 36 00-1299		EA	24" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	552.75	227.99
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.27*	
			For 6" Overall Height Instead Of 4-5/8", Add	*27.64*	
26 05 36 00-1300		EA	30" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	610.69	256.60
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.69*	
			For 6" Overall Height Instead Of 4-5/8", Add	*30.53*	
26 05 36 00-1301		EA	36" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	710.49	293.28
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.61*	
			For 6" Overall Height Instead Of 4-5/8", Add	*35.52*	
26 05 36 00-1302			90 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-1293)*		
26 05 36 00-1303		EA	6" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	403.51	133.81
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.20*	
			For 6" Overall Height Instead Of 4-5/8", Add	*20.18*	
26 05 36 00-1304		EA	9" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	444.59	153.83
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.64*	
			For 6" Overall Height Instead Of 4-5/8", Add	*22.23*	
26 05 36 00-1305		EA	12" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	482.33	171.02
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.98*	
			For 6" Overall Height Instead Of 4-5/8", Add	*24.12*	
26 05 36 00-1306		EA	18" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	568.00	212.45
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.10*	
			For 6" Overall Height Instead Of 4-5/8", Add	*28.40*	
26 05 36 00-1307		EA	24" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	645.28	246.45
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.99*	
			For 6" Overall Height Instead Of 4-5/8", Add	*32.26*	
26 05 36 00-1308		EA	30" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	722.71	279.68
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.96*	
			For 6" Overall Height Instead Of 4-5/8", Add	*36.14*	
26 05 36 00-1309		EA	36" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	828.71	323.95
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.87*	
			For 6" Overall Height Instead Of 4-5/8", Add	*41.44*	
26 05 36 00-1310			90 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-1293)*		
26 05 36 00-1311		EA	6" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	431.61	139.84
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.51*	
			For 6" Overall Height Instead Of 4-5/8", Add	*21.58*	
26 05 36 00-1312		EA	9" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	473.42	161.91
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.85*	
			For 6" Overall Height Instead Of 4-5/8", Add	*23.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1313	EA	12" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	528.88	181.16
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.79*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.44*	
26 05 36 00-1314	EA	18" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	635.25	227.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.52*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.76*	
26 05 36 00-1315	EA	24" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	734.83	267.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.18*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.74*	
26 05 36 00-1316	EA	30" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	830.28	307.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.37*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.51*	
26 05 36 00-1317	EA	36" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	966.40	361.80
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.50*	
		For 6" Overall Height Instead Of 4-5/8", Add	*48.32*	
26 05 36 00-1318		**45 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-1293)*		
26 05 36 00-1319	EA	6" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	222.42	93.27
		For 30 Degree Bend, Deduct	*-67.94*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.47*	
		For 6" Overall Height Instead Of 4-5/8", Add	*11.12*	
		For 60 Degree Bend, Deduct	*-37.66*	
26 05 36 00-1320	EA	9" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	255.98	111.87
		For 30 Degree Bend, Deduct	*-75.56*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.28*	
		For 6" Overall Height Instead Of 4-5/8", Add	*12.80*	
		For 60 Degree Bend, Deduct	*-41.61*	
26 05 36 00-1321	EA	12" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	286.02	128.30
		For 30 Degree Bend, Deduct	*-82.47*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.91*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.30*	
		For 60 Degree Bend, Deduct	*-45.21*	
26 05 36 00-1322	EA	18" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	355.29	162.17
		For 30 Degree Bend, Deduct	*-100.84*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.02*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.76*	
		For 60 Degree Bend, Deduct	*-55.10*	
26 05 36 00-1323	EA	24" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	436.70	198.60
		For 30 Degree Bend, Deduct	*-124.34*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.84*	
		For 60 Degree Bend, Deduct	*-67.98*	
26 05 36 00-1324	EA	30" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	501.19	227.99
		For 30 Degree Bend, Deduct	*-142.65*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.06*	
		For 60 Degree Bend, Deduct	*-77.99*	
26 05 36 00-1325	EA	36" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	572.41	267.63
		For 30 Degree Bend, Deduct	*-158.69*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.94*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.62*	
		For 60 Degree Bend, Deduct	*-86.29*	
26 05 36 00-1326		**45 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-1293)*		
26 05 36 00-1327	EA	6" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	250.51	96.22
		For 30 Degree Bend, Deduct	*-81.68*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.04*	
		For 6" Overall Height Instead Of 4-5/8", Add	*12.53*	
		For 60 Degree Bend, Deduct	*-45.80*	
26 05 36 00-1328	EA	9" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	293.87	115.98
		For 30 Degree Bend, Deduct	*-93.96*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.72*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.69*	
		For 60 Degree Bend, Deduct	*-52.51*	
26 05 36 00-1329	EA	12" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	326.32	133.94
		For 30 Degree Bend, Deduct	*-101.36*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.47*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.32*	
		For 60 Degree Bend, Deduct	*-56.35*	
26 05 36 00-1330	EA	18" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	395.97	171.02
		For 30 Degree Bend, Deduct	*-118.00*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.34*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.80*	
		For 60 Degree Bend, Deduct	*-65.09*	
26 05 36 00-1331	EA	24" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	482.92	212.45
		For 30 Degree Bend, Deduct	*-141.70*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.59*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.15*	
		For 60 Degree Bend, Deduct	*-77.94*	
26 05 36 00-1332	EA	30" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	565.36	246.45
		For 30 Degree Bend, Deduct	*-167.21*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.00*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.27*	
		For 60 Degree Bend, Deduct	*-92.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1333	EA	36" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	651.35	293.41
		For 30 Degree Bend, Deduct	*-187.12*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.69*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.57*	
		For 60 Degree Bend, Deduct	*-102.49*	
26 05 36 00-1334		**45 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-1293)*		
26 05 36 00-1335	EA	6" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	286.59	99.30
		For 30 Degree Bend, Deduct	*-99.73*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.39*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.33*	
		For 60 Degree Bend, Deduct	*-56.53*	
26 05 36 00-1336	EA	9" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	324.71	120.60
		For 30 Degree Bend, Deduct	*-108.25*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.42*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.24*	
		For 60 Degree Bend, Deduct	*-60.93*	
26 05 36 00-1337	EA	12" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	359.59	139.97
		For 30 Degree Bend, Deduct	*-116.13*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.30*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.98*	
		For 60 Degree Bend, Deduct	*-65.01*	
26 05 36 00-1338	EA	18" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	441.23	181.16
		For 30 Degree Bend, Deduct	*-136.97*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.02*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.06*	
		For 60 Degree Bend, Deduct	*-76.14*	
26 05 36 00-1339	EA	24" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	550.17	227.99
		For 30 Degree Bend, Deduct	*-169.59*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.02*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.51*	
		For 60 Degree Bend, Deduct	*-94.15*	
26 05 36 00-1340	EA	30" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	626.55	267.63
		For 30 Degree Bend, Deduct	*-188.47*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.35*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.33*	
		For 60 Degree Bend, Deduct	*-104.16*	
26 05 36 00-1341	EA	36" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	738.48	323.95
		For 30 Degree Bend, Deduct	*-217.17*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.85*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.92*	
		For 60 Degree Bend, Deduct	*-119.51*	
26 05 36 00-1342		**90 Degree, 12" Radius Vertical Risers** *(26 05 36 00-1293)*		
26 05 36 00-1343	EA	6" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	351.05	128.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.41*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.55*	
26 05 36 00-1344	EA	9" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	388.98	146.52
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.68*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.45*	
26 05 36 00-1345	EA	12" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	417.18	162.04
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.22*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.86*	
26 05 36 00-1346	EA	18" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	483.19	198.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.77*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.16*	
26 05 36 00-1347	EA	24" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	539.69	227.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.97*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.98*	
26 05 36 00-1348	EA	30" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	594.81	256.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.10*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.74*	
26 05 36 00-1349	EA	36" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	660.34	292.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.62*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.02*	
26 05 36 00-1350		**90 Degree, 24" Radius Vertical Risers** *(26 05 36 00-1293)*		
26 05 36 00-1351	EA	6" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	371.50	133.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.00*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.58*	
26 05 36 00-1352	EA	9" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	411.28	153.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.30*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.56*	
26 05 36 00-1353	EA	12" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	443.54	171.02
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.10*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.18*	
26 05 36 00-1354	EA	18" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	521.18	212.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.42*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.06*	
26 05 36 00-1355	EA	24" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	587.82	246.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.25*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1356	EA	30" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	653.31	279.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.02*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.67*	
26 05 36 00-1357	EA	36" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	739.56	323.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.96*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.98*	
26 05 36 00-1358		**90 Degree, 36" Radius Vertical Risers** *(26 05 36 00-1293)*		
26 05 36 00-1359	EA	6" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	462.63	139.84
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.61*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.13*	
26 05 36 00-1360	EA	9" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	504.50	162.04
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.95*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.23*	
26 05 36 00-1361	EA	12" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	551.50	181.16
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.05*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.58*	
26 05 36 00-1362	EA	18" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	639.49	227.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.95*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.97*	
26 05 36 00-1363	EA	24" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	715.54	267.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.25*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.78*	
26 05 36 00-1364	EA	30" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	802.59	307.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.60*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.13*	
26 05 36 00-1365	EA	36" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	904.77	361.80
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.33*	
		For 6" Overall Height Instead Of 4-5/8", Add	*45.24*	
26 05 36 00-1366		**12" Radius Horizontal Tees** *(26 05 36 00-1293)*		
26 05 36 00-1367	EA	6" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	562.87	246.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.75*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.14*	
26 05 36 00-1368	EA	9" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	608.26	267.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.52*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.41*	
26 05 36 00-1369	EA	12" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	630.85	279.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.78*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.54*	
26 05 36 00-1370	EA	18" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	710.28	307.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.37*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.51*	
26 05 36 00-1371	EA	24" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	786.76	341.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.19*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.34*	
26 05 36 00-1372	EA	30" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	856.01	362.44
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.40*	
		For 6" Overall Height Instead Of 4-5/8", Add	*42.80*	
26 05 36 00-1373	EA	36" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	985.76	410.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-64.38*	
		For 6" Overall Height Instead Of 4-5/8", Add	*49.29*	
26 05 36 00-1374		**24" Radius Horizontal Tees** *(26 05 36 00-1293)*		
26 05 36 00-1375	EA	6" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	705.56	267.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.25*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.28*	
26 05 36 00-1376	EA	9" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	763.37	293.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.89*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.17*	
26 05 36 00-1377	EA	12" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	795.10	307.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.85*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.76*	
26 05 36 00-1378	EA	18" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	876.57	341.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.17*	
		For 6" Overall Height Instead Of 4-5/8", Add	*43.83*	
26 05 36 00-1379	EA	24" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	975.80	384.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.51*	
		For 6" Overall Height Instead Of 4-5/8", Add	*48.79*	
26 05 36 00-1380	EA	30" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,050.63	410.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-70.87*	
		For 6" Overall Height Instead Of 4-5/8", Add	*52.53*	
26 05 36 00-1381	EA	36" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,351.35	474.05
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-95.64*	
		For 6" Overall Height Instead Of 4-5/8", Add	*67.57*	
26 05 36 00-1382		**36" Radius Horizontal Tees** *(26 05 36 00-1293)*		
26 05 36 00-1383	EA	6" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	855.68	293.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*42.78*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1384		EA	9" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	916.70	323.95
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-64.67*	
			For 6" Overall Height Instead Of 4-5/8", Add	*45.84*	
26 05 36 00-1385		EA	12" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	981.36	341.78
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-69.65*	
			For 6" Overall Height Instead Of 4-5/8", Add	*49.07*	
26 05 36 00-1386		EA	18" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,075.59	384.88
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-75.49*	
			For 6" Overall Height Instead Of 4-5/8", Add	*53.78*	
26 05 36 00-1387		EA	24" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,211.30	439.42
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-84.52*	
			For 6" Overall Height Instead Of 4-5/8", Add	*60.57*	
26 05 36 00-1388		EA	30" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,396.26	474.05
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-100.13*	
			For 6" Overall Height Instead Of 4-5/8", Add	*69.81*	
26 05 36 00-1389		EA	36" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,606.00	559.37
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-113.98*	
			For 6" Overall Height Instead Of 4-5/8", Add	*80.30*	

26 05 36 00-1390 12" Radius Vertical Tees *(26 05 36 00-1293)*

26 05 36 00-1391		EA	6" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	721.82	227.99
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.18*	
			For 6" Overall Height Instead Of 4-5/8", Add	*36.09*	
26 05 36 00-1392		EA	9" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	746.77	236.96
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.93*	
			For 6" Overall Height Instead Of 4-5/8", Add	*37.34*	
26 05 36 00-1393		EA	12" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	764.96	246.45
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.96*	
			For 6" Overall Height Instead Of 4-5/8", Add	*38.25*	
26 05 36 00-1394		EA	18" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	807.85	267.63
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.48*	
			For 6" Overall Height Instead Of 4-5/8", Add	*40.39*	
26 05 36 00-1395		EA	24" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	857.89	279.68
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.48*	
			For 6" Overall Height Instead Of 4-5/8", Add	*42.89*	
26 05 36 00-1396		EA	30" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	912.36	307.91
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.58*	
			For 6" Overall Height Instead Of 4-5/8", Add	*45.62*	
26 05 36 00-1397		EA	36" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	981.36	341.78
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-69.65*	
			For 6" Overall Height Instead Of 4-5/8", Add	*49.07*	

26 05 36 00-1398 24" Radius Vertical Tees *(26 05 36 00-1293)*

26 05 36 00-1399		EA	6" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	989.50	246.45
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-78.42*	
			For 6" Overall Height Instead Of 4-5/8", Add	*49.48*	
26 05 36 00-1400		EA	9" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,013.95	256.60
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-80.01*	
			For 6" Overall Height Instead Of 4-5/8", Add	*50.70*	
26 05 36 00-1401		EA	12" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,039.87	267.63
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-81.68*	
			For 6" Overall Height Instead Of 4-5/8", Add	*51.99*	
26 05 36 00-1402		EA	18" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,100.18	293.41
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-85.57*	
			For 6" Overall Height Instead Of 4-5/8", Add	*55.01*	
26 05 36 00-1403		EA	24" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,139.40	307.91
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-88.28*	
			For 6" Overall Height Instead Of 4-5/8", Add	*56.97*	
26 05 36 00-1404		EA	30" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,210.89	341.78
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-92.60*	
			For 6" Overall Height Instead Of 4-5/8", Add	*60.54*	
26 05 36 00-1405		EA	36" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,340.05	384.88
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-101.93*	
			For 6" Overall Height Instead Of 4-5/8", Add	*67.00*	

26 05 36 00-1406 36" Radius Vertical Tees *(26 05 36 00-1293)*

26 05 36 00-1407		EA	6" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,547.21	267.63
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-132.42*	
			For 6" Overall Height Instead Of 4-5/8", Add	*77.36*	
26 05 36 00-1408		EA	9" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,581.61	279.68
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-134.85*	
			For 6" Overall Height Instead Of 4-5/8", Add	*79.08*	
26 05 36 00-1409		EA	12" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,618.64	293.41
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-137.42*	
			For 6" Overall Height Instead Of 4-5/8", Add	*80.93*	
26 05 36 00-1410		EA	18" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,684.00	323.95
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-141.40*	
			For 6" Overall Height Instead Of 4-5/8", Add	*84.20*	
26 05 36 00-1411		EA	24" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,728.03	341.78
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-144.32*	
			For 6" Overall Height Instead Of 4-5/8", Add	*86.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1412	EA	30" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,842.70	384.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-152.20*	
		For 6" Overall Height Instead Of 4-5/8", Add	*92.14*	
26 05 36 00-1413	EA	36" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,947.79	439.42
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-158.17*	
		For 6" Overall Height Instead Of 4-5/8", Add	*97.39*	
26 05 36 00-1414		**12" Radius Horizontal Crosses** *(26 05 36 00-1293)*		
26 05 36 00-1415	EA	6" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	725.25	307.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.87*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.26*	
26 05 36 00-1416	EA	9" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	774.49	323.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.45*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.72*	
26 05 36 00-1417	EA	12" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	806.72	341.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.19*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.34*	
26 05 36 00-1418	EA	18" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	890.94	362.44
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.89*	
		For 6" Overall Height Instead Of 4-5/8", Add	*44.55*	
26 05 36 00-1419	EA	24" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	980.77	410.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.88*	
		For 6" Overall Height Instead Of 4-5/8", Add	*49.04*	
26 05 36 00-1420	EA	30" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,081.57	439.42
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.54*	
		For 6" Overall Height Instead Of 4-5/8", Add	*54.08*	
26 05 36 00-1421	EA	36" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,226.61	474.05
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-83.16*	
		For 6" Overall Height Instead Of 4-5/8", Add	*61.33*	
26 05 36 00-1422		**24" Radius Horizontal Crosses** *(26 05 36 00-1293)*		
26 05 36 00-1423	EA	6" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	976.37	341.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-69.15*	
		For 6" Overall Height Instead Of 4-5/8", Add	*48.82*	
26 05 36 00-1424	EA	9" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,023.17	362.44
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-72.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*51.16*	
26 05 36 00-1425	EA	12" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,073.10	384.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-75.24*	
		For 6" Overall Height Instead Of 4-5/8", Add	*53.66*	
26 05 36 00-1426	EA	18" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,137.95	410.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-79.60*	
		For 6" Overall Height Instead Of 4-5/8", Add	*56.90*	
26 05 36 00-1427	EA	24" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,283.99	474.05
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-88.90*	
		For 6" Overall Height Instead Of 4-5/8", Add	*64.20*	
26 05 36 00-1428	EA	30" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,384.23	513.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-95.66*	
		For 6" Overall Height Instead Of 4-5/8", Add	*69.21*	
26 05 36 00-1429	EA	36" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,528.66	559.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-106.25*	
		For 6" Overall Height Instead Of 4-5/8", Add	*76.43*	
26 05 36 00-1430		**36" Radius Horizontal Crosses** *(26 05 36 00-1293)*		
26 05 36 00-1431	EA	6" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,120.50	384.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-79.98*	
		For 6" Overall Height Instead Of 4-5/8", Add	*56.03*	
26 05 36 00-1432	EA	9" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,182.86	410.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-84.09*	
		For 6" Overall Height Instead Of 4-5/8", Add	*59.14*	
26 05 36 00-1433	EA	12" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,261.20	439.42
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-89.51*	
		For 6" Overall Height Instead Of 4-5/8", Add	*63.06*	
26 05 36 00-1434	EA	18" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,353.85	474.05
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-95.89*	
		For 6" Overall Height Instead Of 4-5/8", Add	*67.69*	
26 05 36 00-1435	EA	24" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,630.95	559.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-116.48*	
		For 6" Overall Height Instead Of 4-5/8", Add	*81.55*	
26 05 36 00-1436	EA	30" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,798.15	614.79
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-128.58*	
		For 6" Overall Height Instead Of 4-5/8", Add	*89.91*	
26 05 36 00-1437	EA	36" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,002.16	684.84
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-143.15*	
		For 6" Overall Height Instead Of 4-5/8", Add	*100.11*	
26 05 36 00-1438		**12" Radius Vertical Crosses** *(26 05 36 00-1293)*		
26 05 36 00-1439	EA	6" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	725.25	307.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.87*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1440	EA	9" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	774.67	324.08
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.46*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.73*	
26 05 36 00-1441	EA	12" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	806.62	341.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.18*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.33*	
26 05 36 00-1442	EA	18" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	891.16	362.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.90*	
		For 6" Overall Height Instead Of 4-5/8", Add	*44.56*	
26 05 36 00-1443	EA	24" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	980.77	410.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.88*	
		For 6" Overall Height Instead Of 4-5/8", Add	*49.04*	
26 05 36 00-1444	EA	30" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,081.91	439.54
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.56*	
		For 6" Overall Height Instead Of 4-5/8", Add	*54.10*	
26 05 36 00-1445	EA	36" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,225.64	473.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-83.11*	
		For 6" Overall Height Instead Of 4-5/8", Add	*61.28*	

26 05 36 00-1446 24" Radius Vertical Crosses *(26 05 36 00-1293)*

26 05 36 00-1447	EA	6" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	976.37	341.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-69.15*	
		For 6" Overall Height Instead Of 4-5/8", Add	*48.82*	
26 05 36 00-1448	EA	9" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,023.17	362.44
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-72.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*51.16*	
26 05 36 00-1449	EA	12" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,073.10	384.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-75.24*	
		For 6" Overall Height Instead Of 4-5/8", Add	*53.66*	
26 05 36 00-1450	EA	18" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,137.95	410.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-79.60*	
		For 6" Overall Height Instead Of 4-5/8", Add	*56.90*	
26 05 36 00-1451	EA	24" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,283.99	474.05
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-88.90*	
		For 6" Overall Height Instead Of 4-5/8", Add	*64.20*	
26 05 36 00-1452	EA	30" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,384.23	513.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-95.66*	
		For 6" Overall Height Instead Of 4-5/8", Add	*69.21*	
26 05 36 00-1453	EA	36" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,528.66	559.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-106.25*	
		For 6" Overall Height Instead Of 4-5/8", Add	*76.43*	

26 05 36 00-1454 36" Radius Vertical Crosses *(26 05 36 00-1293)*

26 05 36 00-1455	EA	6" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,336.06	384.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-101.53*	
		For 6" Overall Height Instead Of 4-5/8", Add	*66.80*	
26 05 36 00-1456	EA	9" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,407.40	410.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-106.55*	
		For 6" Overall Height Instead Of 4-5/8", Add	*70.37*	
26 05 36 00-1457	EA	12" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,499.21	439.42
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-113.31*	
		For 6" Overall Height Instead Of 4-5/8", Add	*74.96*	
26 05 36 00-1458	EA	18" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,607.58	474.05
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-121.26*	
		For 6" Overall Height Instead Of 4-5/8", Add	*80.38*	
26 05 36 00-1459	EA	24" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,945.31	559.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-147.91*	
		For 6" Overall Height Instead Of 4-5/8", Add	*97.27*	
26 05 36 00-1460	EA	30" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,146.19	614.79
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-163.38*	
		For 6" Overall Height Instead Of 4-5/8", Add	*107.31*	
26 05 36 00-1461	EA	36" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,389.49	684.84
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-181.88*	
		For 6" Overall Height Instead Of 4-5/8", Add	*119.47*	

26 05 36 00-1462 Dropout Or End Plates And Reducers *(26 05 36 00-0744)*

26 05 36 00-1463 Straight Reducers *(26 05 36 00-1462)*

26 05 36 00-1464	EA	9" To 6" Reducer, Aluminum Cable Tray	282.58	94.68
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.37*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.13*	
26 05 36 00-1465	EA	12" To 9" Reducer, Aluminum Cable Tray	298.40	102.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.30*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.92*	
26 05 36 00-1466	EA	18" To 12" Reducer, Aluminum Cable Tray	327.54	118.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.89*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.38*	
26 05 36 00-1467	EA	24" To 18" Reducer, Aluminum Cable Tray	361.19	136.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.71*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1468	EA	30" To 24" Reducer, Aluminum Cable Tray	392.43	153.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.41*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.62*	
26 05 36 00-1469	EA	36" To 30" Reducer, Aluminum Cable Tray	437.33	175.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.07*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.87*	
26 05 36 00-1470		**Reducers** *(26 05 36 00-1462)*		
26 05 36 00-1471	EA	18" To 6" Reducer, Aluminum Cable Tray	327.67	118.42
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.90*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.38*	
26 05 36 00-1472	EA	24" To 12" Reducer, Aluminum Cable Tray	361.51	137.02
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.73*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.08*	
26 05 36 00-1473	EA	30" To 12" Reducer, Aluminum Cable Tray	392.22	153.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.40*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.61*	
26 05 36 00-1474	EA	30" To 18" Reducer, Aluminum Cable Tray	394.80	153.70
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.67*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.74*	
26 05 36 00-1475	EA	36" To 12" Reducer, Aluminum Cable Tray	434.56	175.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.80*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.73*	
26 05 36 00-1476	EA	36" To 18" Reducer, Aluminum Cable Tray	445.03	180.52
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.46*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.25*	
26 05 36 00-1477	EA	36" To 24" Reducer, Aluminum Cable Tray	460.18	186.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.49*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.01*	
26 05 36 00-1478		**Dropout Or End Plate** *(26 05 36 00-1462)*		
26 05 36 00-1479	EA	6" Dropout Or End Plate, Aluminum Cable Tray	80.63	38.49
26 05 36 00-1480	EA	9" Dropout Or End Plate, Aluminum Cable Tray	90.86	44.00
26 05 36 00-1481	EA	12" Dropout Or End Plate, Aluminum Cable Tray	98.03	47.34
26 05 36 00-1482	EA	18" Dropout Or End Plate, Aluminum Cable Tray	118.90	55.94
26 05 36 00-1483	EA	24" Dropout Or End Plate, Aluminum Cable Tray	132.71	61.58
26 05 36 00-1484	EA	30" Dropout Or End Plate, Aluminum Cable Tray	149.82	68.38
26 05 36 00-1485	EA	36" Dropout Or End Plate, Aluminum Cable Tray	168.08	76.98
26 05 36 00-1486		**Solid Bottom Cable Tray** *(26 05 36 00-0001)* Note: 3-5/8" Height.		
26 05 36 00-1487		**Solid Bottom Galvanized Steel Straight Tray Sections** *(26 05 36 00-1486)*		
26 05 36 00-1488	LF	6" Solid Bottom Steel Cable Tray, Straight Section	33.23	10.01
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*3.31*	
26 05 36 00-1489	LF	12" Solid Bottom Steel Cable Tray, Straight Section	41.41	12.32
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*4.16*	
26 05 36 00-1490	LF	18" Solid Bottom Steel Cable Tray, Straight Section	55.19	17.71
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*5.33*	
26 05 36 00-1491	LF	24" Solid Bottom Steel Cable Tray, Straight Section	63.87	20.27
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*6.20*	
26 05 36 00-1492	LF	30" Solid Bottom Steel Cable Tray, Straight Section	76.54	24.50
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*7.39*	
26 05 36 00-1493	LF	36" Solid Bottom Steel Cable Tray, Straight Section	97.86	28.10
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*10.00*	
26 05 36 00-1494		**Solid Bottom Galvanized Steel Cable Tray Fittings** *(26 05 36 00-1486)*		
26 05 36 00-1495		**90 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-1494)*		
26 05 36 00-1496	EA	6" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	338.53	128.43
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*29.38*	
26 05 36 00-1497	EA	12" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	440.67	180.64
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*35.98*	
26 05 36 00-1498	EA	18" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	539.46	227.99
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*42.92*	
26 05 36 00-1499	EA	24" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	661.18	280.06
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*52.49*	
26 05 36 00-1500	EA	30" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	772.56	324.59
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*61.80*	
26 05 36 00-1501	EA	36" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	868.10	362.44
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*69.81*	
26 05 36 00-1502		**90 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-1494)*		
26 05 36 00-1503	EA	6" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	399.76	133.68
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*37.68*	
26 05 36 00-1504	EA	12" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	527.83	192.57
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*47.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1505	EA	18" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	649.83	246.45
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*56.41*	
26 05 36 00-1506	EA	24" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	792.19	307.91
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*67.51*	
26 05 36 00-1507	EA	30" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	929.23	361.80
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*79.10*	
26 05 36 00-1508	EA	36" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	1,050.08	410.29
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*89.12*	
26 05 36 00-1509		**90 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-1494)*		
26 05 36 00-1510	EA	6" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	491.84	139.71
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*50.50*	
26 05 36 00-1511	EA	12" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	634.14	205.66
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*60.85*	
26 05 36 00-1512	EA	18" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	802.95	268.01
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*75.77*	
26 05 36 00-1513	EA	24" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	955.83	341.78
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*86.40*	
26 05 36 00-1514	EA	30" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	1,147.24	410.29
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*103.70*	
26 05 36 00-1515	EA	36" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	1,308.72	472.77
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*117.50*	
26 05 36 00-1516		**45 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-1494)*		
26 05 36 00-1517	EA	6" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	307.53	128.43
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*24.72*	
26 05 36 00-1518	EA	12" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	405.79	180.64
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*30.75*	
26 05 36 00-1519	EA	18" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	499.15	227.73
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*36.92*	
26 05 36 00-1520	EA	24" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	611.92	279.68
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*45.17*	
26 05 36 00-1521	EA	30" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	714.64	324.59
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*53.11*	
26 05 36 00-1522	EA	36" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	800.94	361.80
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*59.85*	
26 05 36 00-1523		**45 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-1494)*		
26 05 36 00-1524	EA	6" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	355.71	133.81
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*31.05*	
26 05 36 00-1525	EA	12" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	475.82	192.44
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*39.30*	
26 05 36 00-1526	EA	18" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	590.57	246.72
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*47.46*	
26 05 36 00-1527	EA	24" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	722.44	307.91
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*57.05*	
26 05 36 00-1528	EA	30" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	848.79	362.44
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*66.92*	
26 05 36 00-1529	EA	36" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	958.53	410.29
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*75.39*	
26 05 36 00-1530		**45 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-1494)*		
26 05 36 00-1531	EA	6" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	427.41	139.84
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*40.80*	
26 05 36 00-1532	EA	12" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	529.39	186.41
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*48.33*	
26 05 36 00-1533	EA	18" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	713.89	268.01
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*62.41*	
26 05 36 00-1534	EA	24" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	860.31	342.43
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*71.98*	
26 05 36 00-1535	EA	30" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	1,031.40	410.29
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*86.32*	
26 05 36 00-1536	EA	36" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	1,180.49	474.05
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*98.07*	
26 05 36 00-1537		**90 Degree, 12" Radius Vertical Risers** *(26 05 36 00-1494)*		
26 05 36 00-1538	EA	6" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray	365.36	128.04
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*33.46*	
26 05 36 00-1539	EA	12" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray	460.60	180.64
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*38.97*	
26 05 36 00-1540	EA	18" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray	541.95	227.99
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*43.29*	
26 05 36 00-1541	EA	24" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray	656.20	280.06
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*51.74*	
26 05 36 00-1542	EA	30" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray	742.67	324.59
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*57.31*	
26 05 36 00-1543	EA	36" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray	812.15	361.80
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*61.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1544		**90 Degree, 24" Radius Vertical Risers** *(26 05 36 00-1494)*		
26 05 36 00-1545	EA	6" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray	437.13	133.68
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*43.28*	
26 05 36 00-1546	EA	12" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray	555.23	192.57
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*51.18*	
26 05 36 00-1547	EA	18" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray	664.78	246.45
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*58.65*	
26 05 36 00-1548	EA	24" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray	789.70	307.91
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*67.14*	
26 05 36 00-1549	EA	30" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray	894.36	361.80
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*73.87*	
26 05 36 00-1550	EA	36" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray	1,002.75	410.29
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*82.02*	
26 05 36 00-1551		**90 Degree, 36" Radius Vertical Risers** *(26 05 36 00-1494)*		
26 05 36 00-1552	EA	6" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray	524.23	139.71
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*55.36*	
26 05 36 00-1553	EA	12" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray	637.74	186.80
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*64.52*	
26 05 36 00-1554	EA	18" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray	802.95	268.01
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*75.77*	
26 05 36 00-1555	EA	24" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray	960.82	341.78
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*87.15*	
26 05 36 00-1556	EA	30" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray	1,109.87	410.29
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*98.09*	
26 05 36 00-1557	EA	36" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray	1,251.42	472.77
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*108.91*	
26 05 36 00-1558		**12" Radius Horizontal Tees** *(26 05 36 00-1494)*		
26 05 36 00-1559	EA	6" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray	585.06	246.45
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*46.69*	
26 05 36 00-1560	EA	12" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray	701.69	307.39
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*54.02*	
26 05 36 00-1561	EA	18" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray	828.24	362.44
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*63.83*	
26 05 36 00-1562	EA	24" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray	985.56	440.31
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*74.44*	
26 05 36 00-1563	EA	30" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray	1,076.49	474.05
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*82.47*	
26 05 36 00-1564	EA	36" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray	1,261.22	559.37
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*95.95*	
26 05 36 00-1565		**24" Radius Horizontal Tees** *(26 05 36 00-1494)*		
26 05 36 00-1566	EA	6" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray	717.63	267.63
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*63.04*	
26 05 36 00-1567	EA	12" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray	886.08	341.78
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*75.94*	
26 05 36 00-1568	EA	18" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray	1,035.14	410.29
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*86.88*	
26 05 36 00-1569	EA	24" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray	1,331.13	513.18
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*114.14*	
26 05 36 00-1570	EA	30" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray	1,450.55	559.37
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*124.34*	
26 05 36 00-1571	EA	36" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray	1,701.94	684.84
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*141.15*	
26 05 36 00-1572		**36" Radius Horizontal Tees** *(26 05 36 00-1494)*		
26 05 36 00-1573	EA	6" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray	914.92	293.41
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*88.35*	
26 05 36 00-1574	EA	12" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,117.30	384.88
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*103.45*	
26 05 36 00-1575	EA	18" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,308.17	474.05
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*117.23*	
26 05 36 00-1576	EA	24" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,597.53	559.37
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*146.39*	
26 05 36 00-1577	EA	30" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,750.45	616.85
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*159.77*	
26 05 36 00-1578	EA	36" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray	2,030.31	769.78
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*176.25*	
26 05 36 00-1579		**12" Radius Vertical Tees** *(26 05 36 00-1494)*		
26 05 36 00-1580	EA	6" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray	697.17	246.45
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*63.51*	
26 05 36 00-1581	EA	12" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray	812.12	307.91
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*70.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1582	EA	18" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray	873.62	341.78
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*74.07*	
26 05 36 00-1583	EA	24" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray	936.71	361.80
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*80.22*	
26 05 36 00-1584	EA	30" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray	1,040.12	410.29
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*87.63*	
26 05 36 00-1585	EA	36" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray	1,158.69	474.05
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*94.80*	

26 05 36 00-1586 24" Radius Vertical Tees *(26 05 36 00-1494)*

26 05 36 00-1587	EA	6" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray	869.59	267.63
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*85.83*	
26 05 36 00-1588	EA	12" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray	1,013.13	341.78
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*95.00*	
26 05 36 00-1589	EA	18" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray	1,107.33	384.88
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*101.95*	
26 05 36 00-1590	EA	24" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray	1,172.15	410.29
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*107.43*	
26 05 36 00-1591	EA	30" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray	1,325.60	474.05
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*119.84*	
26 05 36 00-1592	EA	36" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray	1,492.90	559.37
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*130.70*	

26 05 36 00-1593 36" Radius Vertical Tees *(26 05 36 00-1494)*

26 05 36 00-1594	EA	6" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,148.35	292.90
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*123.43*	
26 05 36 00-1595	EA	12" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,314.10	384.88
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*132.97*	
26 05 36 00-1596	EA	18" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,454.72	439.42
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*144.98*	
26 05 36 00-1597	EA	24" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,537.35	474.05
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*151.60*	
26 05 36 00-1598	EA	30" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,804.29	559.37
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*177.41*	
26 05 36 00-1599	EA	36" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,946.47	614.79
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*189.50*	

26 05 36 00-1600 12" Radius Horizontal Crosses *(26 05 36 00-1494)*

26 05 36 00-1601	EA	6" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray	722.44	307.91
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*57.05*	
26 05 36 00-1602	EA	12" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray	830.73	362.44
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*64.21*	
26 05 36 00-1603	EA	18" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray	998.84	439.42
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*76.60*	
26 05 36 00-1604	EA	24" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray	1,154.25	513.18
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*87.61*	
26 05 36 00-1605	EA	30" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray	1,358.55	614.79
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*101.31*	
26 05 36 00-1606	EA	36" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray	1,507.62	684.84
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*112.00*	

26 05 36 00-1607 24" Radius Horizontal Crosses *(26 05 36 00-1494)*

26 05 36 00-1608	EA	6" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray	951.86	342.43
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*85.71*	
26 05 36 00-1609	EA	12" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray	1,109.87	410.29
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*98.09*	
26 05 36 00-1610	EA	18" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray	1,331.13	513.18
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*114.14*	
26 05 36 00-1611	EA	24" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray	1,638.35	616.85
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*142.95*	
26 05 36 00-1612	EA	30" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray	1,801.58	684.84
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*156.10*	
26 05 36 00-1613	EA	36" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray	1,980.49	769.78
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*168.78*	

26 05 36 00-1614 36" Radius Horizontal Crosses *(26 05 36 00-1494)*

26 05 36 00-1615	EA	6" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray	1,264.28	384.88
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*125.49*	
26 05 36 00-1616	EA	12" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray	1,475.07	474.05
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*142.26*	
26 05 36 00-1617	EA	18" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray	1,775.36	616.85
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*163.50*	
26 05 36 00-1618	EA	24" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray	2,025.79	684.84
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*189.73*	
26 05 36 00-1619	EA	30" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray	2,242.06	769.78
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*208.01*	
26 05 36 00-1620	EA	36" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray	2,485.94	878.70
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*226.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1621		**Straight Reducers** *(26 05 36 00-1494)*		
26 05 36 00-1622	EA	12" To 6" Reducer, Solid Bottom, Steel Cable Tray	293.13	102.63
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*26.86*	
26 05 36 00-1623	EA	18" To 12" Reducer, Solid Bottom, Steel Cable Tray	317.89	115.98
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*28.35*	
26 05 36 00-1624	EA	24" To 18" Reducer, Solid Bottom, Steel Cable Tray	352.28	133.68
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*30.57*	
26 05 36 00-1625	EA	30" To 24" Reducer, Solid Bottom, Steel Cable Tray	396.11	153.95
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*33.76*	
26 05 36 00-1626	EA	36" To 30" Reducer, Solid Bottom, Steel Cable Tray	429.08	170.76
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*35.90*	
26 05 36 00-1627		**Reducers** *(26 05 36 00-1494)*		
26 05 36 00-1628	EA	18" To 6" Reducer, Solid Bottom, Steel Cable Tray	318.01	116.11
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*28.36*	
26 05 36 00-1629	EA	24" To 12" Reducer, Solid Bottom, Steel Cable Tray	350.25	133.94
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*30.22*	
26 05 36 00-1630	EA	30" To 12" Reducer, Solid Bottom, Steel Cable Tray	390.91	153.83
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*33.00*	
26 05 36 00-1631	EA	30" To 18" Reducer, Solid Bottom, Steel Cable Tray	393.20	153.70
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*33.36*	
26 05 36 00-1632	EA	36" To 12" Reducer, Solid Bottom, Steel Cable Tray	426.59	170.76
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*35.53*	
26 05 36 00-1633	EA	36" To 18" Reducer, Solid Bottom, Steel Cable Tray	429.08	170.76
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*35.90*	
26 05 36 00-1634	EA	36" To 24" Reducer, Solid Bottom, Steel Cable Tray	432.09	171.02
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*36.30*	
26 05 36 00-1635		**Dropout Or End Plate** *(26 05 36 00-1494)*		
26 05 36 00-1636	EA	6" Dropout Or End Plate, Solid Bottom, Steel Cable Tray	89.55	38.49
26 05 36 00-1637	EA	12" Dropout Or End Plate, Solid Bottom, Steel Cable Tray	109.90	46.96
26 05 36 00-1638	EA	18" Dropout Or End Plate, Solid Bottom, Steel Cable Tray	126.76	55.68
26 05 36 00-1639	EA	24" Dropout Or End Plate, Solid Bottom, Steel Cable Tray	142.61	61.58
26 05 36 00-1640	EA	30" Dropout Or End Plate, Solid Bottom, Steel Cable Tray	158.78	68.38
26 05 36 00-1641	EA	36" Dropout Or End Plate, Solid Bottom, Steel Cable Tray	176.26	76.98
26 05 36 00-1642		**Solid Bottom Aluminum Straight Cable Tray Sections** *(26 05 36 00-1486)*		
26 05 36 00-1643	LF	6" Solid Bottom Aluminum Cable Tray, Straight Section	29.45	8.09
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*3.07*	
26 05 36 00-1644	LF	12" Solid Bottom Aluminum Cable Tray, Straight Section	36.71	9.49
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*3.93*	
26 05 36 00-1645	LF	18" Solid Bottom Aluminum Cable Tray, Straight Section	46.90	12.32
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*4.97*	
26 05 36 00-1646	LF	24" Solid Bottom Aluminum Cable Tray, Straight Section	55.76	13.60
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*6.11*	
26 05 36 00-1647	LF	30" Solid Bottom Aluminum Cable Tray, Straight Section	68.39	17.58
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*7.33*	
26 05 36 00-1648	LF	36" Solid Bottom Steel Aluminum Tray, Straight Section	81.27	19.24
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*8.98*	
26 05 36 00-1649		**Solid Bottom Aluminum Cable Tray Fittings** *(26 05 36 00-1486)*		
26 05 36 00-1650		**90 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-1649)*		
26 05 36 00-1651	EA	6" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	342.32	128.43
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*29.95*	
26 05 36 00-1652	EA	12" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	413.93	161.66
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*35.14*	
26 05 36 00-1653	EA	18" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	478.21	181.03
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*41.56*	
26 05 36 00-1654	EA	24" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	556.96	212.58
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*48.10*	
26 05 36 00-1655	EA	30" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	657.89	246.72
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*57.56*	
26 05 36 00-1656	EA	36" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	743.63	280.06
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*64.86*	
26 05 36 00-1657		**90 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-1649)*		
26 05 36 00-1658	EA	6" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	405.39	133.68
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*38.52*	
26 05 36 00-1659	EA	12" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	501.95	171.28
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*46.76*	
26 05 36 00-1660	EA	18" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	567.42	192.44
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*53.04*	
26 05 36 00-1661	EA	24" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	684.85	227.99
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*64.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1662	EA	30" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	794.43	267.24
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*74.62*	
26 05 36 00-1663	EA	36" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	914.28	307.91
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*85.82*	
26 05 36 00-1664		**90 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-1649)*		
26 05 36 00-1665	EA	6" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	503.50	139.71
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*52.25*	
26 05 36 00-1666	EA	12" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	627.19	181.41
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*63.85*	
26 05 36 00-1667	EA	18" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	727.72	205.66
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*74.89*	
26 05 36 00-1668	EA	24" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	823.29	246.07
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*82.48*	
26 05 36 00-1669	EA	30" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	956.21	293.41
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*94.54*	
26 05 36 00-1670	EA	36" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,116.19	341.26
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*110.56*	
26 05 36 00-1671		**45 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-1649)*		
26 05 36 00-1672	EA	6" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	314.22	128.43
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*25.72*	
26 05 36 00-1673	EA	12" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	382.16	161.66
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*30.37*	
26 05 36 00-1674	EA	18" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	439.11	180.90
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*35.72*	
26 05 36 00-1675	EA	24" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	511.62	212.20
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*41.38*	
26 05 36 00-1676	EA	30" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	603.62	246.72
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*49.42*	
26 05 36 00-1677	EA	36" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	681.38	279.30
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*55.66*	
26 05 36 00-1678		**45 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-1649)*		
26 05 36 00-1679	EA	6" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	365.40	133.81
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*32.51*	
26 05 36 00-1680	EA	12" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	454.05	171.02
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*39.60*	
26 05 36 00-1681	EA	18" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	513.79	192.83
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*44.93*	
26 05 36 00-1682	EA	24" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	617.79	227.99
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*54.67*	
26 05 36 00-1683	EA	30" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	718.90	268.01
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*63.16*	
26 05 36 00-1684	EA	36" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	826.04	307.91
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*72.59*	
26 05 36 00-1685		**45 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-1649)*		
26 05 36 00-1686	EA	6" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	444.28	139.84
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*43.33*	
26 05 36 00-1687	EA	12" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	555.14	181.03
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*53.10*	
26 05 36 00-1688	EA	18" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	643.01	205.66
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*62.18*	
26 05 36 00-1689	EA	24" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	733.45	246.72
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*68.90*	
26 05 36 00-1690	EA	30" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	853.41	293.41
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*79.12*	
26 05 36 00-1691	EA	36" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	997.76	342.43
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*92.59*	
26 05 36 00-1692		**90 Degree, 12" Radius Vertical Risers** *(26 05 36 00-1649)*		
26 05 36 00-1693	EA	6" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray	365.82	128.04
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*33.53*	
26 05 36 00-1694	EA	12" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray	427.96	161.66
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*37.24*	
26 05 36 00-1695	EA	18" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray	480.22	181.03
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*41.86*	
26 05 36 00-1696	EA	24" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray	542.93	212.58
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*46.00*	
26 05 36 00-1697	EA	30" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray	611.76	246.72
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*50.64*	
26 05 36 00-1698	EA	36" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray	672.08	279.30
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*54.26*	
26 05 36 00-1699		**90 Degree, 24" Radius Vertical Risers** *(26 05 36 00-1649)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1700	EA	6" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray	439.48	133.68
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*43.63*	
26 05 36 00-1701	EA	12" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray	520.00	171.28
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*49.46*	
26 05 36 00-1702	EA	18" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray	573.43	192.44
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*53.94*	
26 05 36 00-1703	EA	24" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray	654.77	227.99
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*60.21*	
26 05 36 00-1704	EA	30" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray	736.27	267.24
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*65.89*	
26 05 36 00-1705	EA	36" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray	834.06	307.91
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*73.79*	

26 05 36 00-1706 90 Degree, 36" Radius Vertical Risers *(26 05 36 00-1649)*

26 05 36 00-1707	EA	6" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray	517.54	139.71
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*54.36*	
26 05 36 00-1708	EA	12" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray	623.18	181.41
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*63.25*	
26 05 36 00-1709	EA	18" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray	691.63	205.66
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*69.48*	
26 05 36 00-1710	EA	24" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray	773.15	246.07
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*74.96*	
26 05 36 00-1711	EA	30" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray	890.03	293.41
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*84.61*	
26 05 36 00-1712	EA	36" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray	985.83	341.26
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*91.01*	

26 05 36 00-1713 12" Radius Horizontal Tees *(26 05 36 00-1649)*

26 05 36 00-1714	EA	6" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	609.22	246.45
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*50.32*	
26 05 36 00-1715	EA	12" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	706.17	279.30
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*59.37*	
26 05 36 00-1716	EA	18" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	783.92	307.91
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*66.27*	
26 05 36 00-1717	EA	24" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	873.54	342.43
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*73.96*	
26 05 36 00-1718	EA	30" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	1,032.84	410.29
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*86.54*	
26 05 36 00-1719	EA	36" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	1,256.41	513.18
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*102.93*	

26 05 36 00-1720 24" Radius Horizontal Tees *(26 05 36 00-1649)*

26 05 36 00-1721	EA	6" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	772.98	267.63
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*71.34*	
26 05 36 00-1722	EA	12" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	882.19	307.91
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*81.01*	
26 05 36 00-1723	EA	18" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	986.84	341.78
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*91.06*	
26 05 36 00-1724	EA	24" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,195.28	410.29
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*110.90*	
26 05 36 00-1725	EA	30" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,436.90	513.18
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*130.00*	
26 05 36 00-1726	EA	36" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,586.88	561.04
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*144.52*	

26 05 36 00-1727 36" Radius Horizontal Tees *(26 05 36 00-1649)*

26 05 36 00-1728	EA	6" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,020.38	293.41
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*104.16*	
26 05 36 00-1729	EA	12" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,151.29	341.78
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*115.72*	
26 05 36 00-1730	EA	18" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,313.32	384.88
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*132.85*	
26 05 36 00-1731	EA	24" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,570.20	472.77
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*156.72*	
26 05 36 00-1732	EA	30" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,890.37	616.85
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*180.75*	
26 05 36 00-1733	EA	36" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	2,104.06	684.84
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*201.47*	

26 05 36 00-1734 12" Radius Vertical Tees *(26 05 36 00-1649)*

26 05 36 00-1735	EA	6" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	693.45	246.45
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*62.95*	
26 05 36 00-1736	EA	12" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	754.98	279.68
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*66.63*	
26 05 36 00-1737	EA	18" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	789.01	292.90
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*69.53*	
26 05 36 00-1738	EA	24" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	833.24	307.39
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*73.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1739	EA	30" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	918.66	341.78
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*80.83*	
26 05 36 00-1740	EA	36" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	1,052.89	410.29
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*89.55*	

26 05 36 00-1741 24" Radius Vertical Tees *(26 05 36 00-1649)*

26 05 36 00-1742	EA	6" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	863.23	267.63
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*84.88*	
26 05 36 00-1743	EA	12" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	954.39	307.91
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*91.84*	
26 05 36 00-1744	EA	18" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,011.26	323.95
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*97.69*	
26 05 36 00-1745	EA	24" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,081.10	341.78
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*105.20*	
26 05 36 00-1746	EA	30" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,203.02	384.88
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*116.31*	
26 05 36 00-1747	EA	36" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,379.68	472.77
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*128.15*	

26 05 36 00-1748 36" Radius Vertical Tees *(26 05 36 00-1649)*

26 05 36 00-1749	EA	6" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,139.97	292.90
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*122.18*	
26 05 36 00-1750	EA	12" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,244.58	337.68
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*130.42*	
26 05 36 00-1751	EA	18" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,324.87	361.80
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*138.44*	
26 05 36 00-1752	EA	24" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,383.51	384.88
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*143.38*	
26 05 36 00-1753	EA	30" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,534.48	439.42
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*156.94*	
26 05 36 00-1754	EA	36" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,020.62	559.37
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*59.86*	

26 05 36 00-1755 12" Radius Horizontal Crosses *(26 05 36 00-1649)*

26 05 36 00-1756	EA	6" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray	718.88	279.68
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*61.21*	
26 05 36 00-1757	EA	12" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray	797.96	307.91
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*68.38*	
26 05 36 00-1758	EA	18" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray	927.78	361.80
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*78.88*	
26 05 36 00-1759	EA	24" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray	1,101.29	439.42
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*91.97*	
26 05 36 00-1760	EA	30" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray	1,205.20	472.77
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*101.97*	
26 05 36 00-1761	EA	36" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray	1,396.36	561.04
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*115.94*	

26 05 36 00-1762 24" Radius Horizontal Crosses *(26 05 36 00-1649)*

26 05 36 00-1763	EA	6" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray	955.21	308.42
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*91.88*	
26 05 36 00-1764	EA	12" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,081.10	341.78
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*105.20*	
26 05 36 00-1765	EA	18" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,239.40	410.29
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*117.52*	
26 05 36 00-1766	EA	24" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,529.43	514.59
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*143.66*	
26 05 36 00-1767	EA	30" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,677.13	561.04
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*158.06*	
26 05 36 00-1768	EA	36" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,913.53	684.84
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*172.89*	

26 05 36 00-1769 36" Radius Horizontal Crosses *(26 05 36 00-1649)*

26 05 36 00-1770	EA	6" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,321.76	341.78
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*141.29*	
26 05 36 00-1771	EA	12" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,453.70	384.88
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*153.91*	
26 05 36 00-1772	EA	18" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,692.47	474.05
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*174.87*	
26 05 36 00-1773	EA	24" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray	2,010.70	616.85
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*198.80*	
26 05 36 00-1774	EA	30" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray	2,204.33	684.84
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*216.51*	
26 05 36 00-1775	EA	36" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray	2,526.36	769.78
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*250.66*	

26 05 36 00-1776 Straight Reducers *(26 05 36 00-1649)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1777	EA	12" To 6" Reducer, Solid Bottom, Aluminum Cable Tray	271.07	88.01
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*25.99*	
26 05 36 00-1778	EA	18" To 12" Reducer, Solid Bottom, Aluminum Cable Tray	299.14	102.50
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*27.79*	
26 05 36 00-1779	EA	24" To 18" Reducer, Solid Bottom, Aluminum Cable Tray	329.70	115.98
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*30.12*	
26 05 36 00-1780	EA	30" To 24" Reducer, Solid Bottom, Aluminum Cable Tray	371.46	133.81
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*33.41*	
26 05 36 00-1781	EA	36" To 30" Reducer, Solid Bottom, Aluminum Cable Tray	412.62	153.70
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*36.27*	

26 05 36 00-1782 Reducers *(26 05 36 00-1649)*

26 05 36 00-1783	EA	18" To 6" Reducer, Solid Bottom, Aluminum Cable Tray	297.23	102.50
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*27.50*	
26 05 36 00-1784	EA	24" To 12" Reducer, Solid Bottom, Aluminum Cable Tray	328.05	116.23
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*29.84*	
26 05 36 00-1785	EA	30" To 12" Reducer, Solid Bottom, Aluminum Cable Tray	367.29	133.68
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*32.80*	
26 05 36 00-1786	EA	30" To 18" Reducer, Solid Bottom, Aluminum Cable Tray	369.14	133.68
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*33.10*	
26 05 36 00-1787	EA	36" To 12" Reducer, Solid Bottom, Aluminum Cable Tray	412.62	153.70
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*36.27*	
26 05 36 00-1788	EA	36" To 18" Reducer, Solid Bottom, Aluminum Cable Tray	414.62	153.70
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*36.57*	
26 05 36 00-1789	EA	36" To 24" Reducer, Solid Bottom, Aluminum Cable Tray	419.04	153.95
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*37.20*	

26 05 36 00-1790 Dropout Or End Plate *(26 05 36 00-1649)*

26 05 36 00-1791	EA	6" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray	89.51	38.49
26 05 36 00-1792	EA	12" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray	106.94	46.96
26 05 36 00-1793	EA	18" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray	127.17	55.68
26 05 36 00-1794	EA	24" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray	140.43	61.58
26 05 36 00-1795	EA	30" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray	158.06	68.38
26 05 36 00-1796	EA	36" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray	179.44	76.98

26 05 36 00-1797 Vented Bottom Cable Tray *(26 05 36 00-0001)*

Note: 6" Height.

26 05 36 00-1798 Vented Bottom Galvanized Steel Cable Tray *(26 05 36 00-1797)*

26 05 36 00-1799	LF	6" Vented Bottom Steel Cable Tray, Straight Section	42.73	13.47
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-3.15*	
26 05 36 00-1800	LF	12" Vented Bottom Steel Cable Tray, Straight Section	50.28	15.39
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-3.75*	
26 05 36 00-1801	LF	18" Vented Bottom Steel Cable Tray, Straight Section	59.22	17.71
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-4.45*	
26 05 36 00-1802	LF	24" Vented Bottom Steel Cable Tray, Straight Section	67.97	20.27
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-5.10*	
26 05 36 00-1803	LF	30" Vented Bottom Steel Cable Tray, Straight Section	89.82	24.50
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-6.94*	
26 05 36 00-1804	LF	36" Vented Bottom Steel Cable Tray, Straight Section	106.15	30.79
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-8.04*	

26 05 36 00-1805 Vented Bottom Galvanized Steel Cable Tray Fittings *(26 05 36 00-1797)*

26 05 36 00-1806 90 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-1805)*

26 05 36 00-1807	EA	6" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	394.80	162.17
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-25.97*	
26 05 36 00-1808	EA	12" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	513.60	219.39
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-33.07*	
26 05 36 00-1809	EA	18" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	636.19	279.68
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-40.31*	
26 05 36 00-1810	EA	24" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	780.30	342.43
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-49.49*	
26 05 36 00-1811	EA	30" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	880.29	385.66
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-55.89*	
26 05 36 00-1812	EA	36" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	1,008.74	440.31
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-64.18*	

26 05 36 00-1813 90 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-1805)*

26 05 36 00-1814	EA	6" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	468.81	170.89
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-32.64*	
26 05 36 00-1815	EA	12" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	606.91	236.96
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-40.94*	
26 05 36 00-1816	EA	18" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	769.34	307.91
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-51.28*	
26 05 36 00-1817	EA	24" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	930.24	384.88
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-60.95*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1818		EA	30" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	995.69	397.59
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-66.44*	
26 05 36 00-1819		EA	36" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	1,241.88	513.18
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-81.42*	

26 05 36 00-1820 90 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-1805)*

26 05 36 00-1821		EA	6" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	575.95	180.64
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-42.54*	
26 05 36 00-1822		EA	12" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	742.60	256.98
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-52.85*	
26 05 36 00-1823		EA	18" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	947.97	342.43
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-66.26*	
26 05 36 00-1824		EA	24" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	1,130.50	439.42
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-76.44*	
26 05 36 00-1825		EA	30" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	1,302.43	513.18
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-87.48*	
26 05 36 00-1826		EA	36" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	1,523.08	614.79
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-101.07*	

26 05 36 00-1827 45 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-1805)*

26 05 36 00-1828		EA	6" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	367.61	162.30
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-23.24*	
26 05 36 00-1829		EA	12" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	481.06	219.39
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-29.82*	
26 05 36 00-1830		EA	18" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	598.11	279.30
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-36.54*	
26 05 36 00-1831		EA	24" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	733.18	341.78
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-44.83*	
26 05 36 00-1832		EA	30" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	828.04	385.66
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-50.67*	
26 05 36 00-1833		EA	36" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	946.62	439.42
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-58.05*	

26 05 36 00-1834 45 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-1805)*

26 05 36 00-1835		EA	6" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	428.61	171.02
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-28.61*	
26 05 36 00-1836		EA	12" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	560.28	236.96
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-36.28*	
26 05 36 00-1837		EA	18" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	713.81	308.42
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-45.68*	
26 05 36 00-1838		EA	24" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	866.72	384.88
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-54.60*	
26 05 36 00-1839		EA	30" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	993.70	440.31
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-62.67*	
26 05 36 00-1840		EA	36" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	1,156.84	513.18
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-72.92*	

26 05 36 00-1841 45 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-1805)*

26 05 36 00-1842		EA	6" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	516.07	181.03
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-36.52*	
26 05 36 00-1843		EA	12" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	672.30	256.21
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-45.88*	
26 05 36 00-1844		EA	18" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	864.97	342.43
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-57.96*	
26 05 36 00-1845		EA	24" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	1,044.56	440.31
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-67.76*	
26 05 36 00-1846		EA	30" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	1,204.06	513.18
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-77.64*	
26 05 36 00-1847		EA	36" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	1,416.72	616.85
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-90.27*	

26 05 36 00-1848 90 Degree, 12" Radius Vertical Risers *(26 05 36 00-1805)*

26 05 36 00-1849		EA	6" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray	430.21	161.66
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-29.54*	
26 05 36 00-1850		EA	12" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray	545.03	219.39
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-36.22*	
26 05 36 00-1851		EA	18" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray	647.83	279.68
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-41.47*	
26 05 36 00-1852		EA	24" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray	777.97	342.43
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-49.26*	
26 05 36 00-1853		EA	30" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray	854.68	385.66
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-53.33*	
26 05 36 00-1854		EA	36" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray	955.84	439.42
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-58.97*	

26 05 36 00-1855 90 Degree, 24" Radius Vertical Risers *(26 05 36 00-1805)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1856	EA	6" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray	515.39	170.89
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-37.30*	
26 05 36 00-1857	EA	12" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray	639.51	236.96
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-44.20*	
26 05 36 00-1858	EA	18" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray	783.31	307.91
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-52.67*	
26 05 36 00-1859	EA	24" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray	920.93	384.88
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-60.02*	
26 05 36 00-1860	EA	30" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray	1,046.66	439.42
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-68.05*	
26 05 36 00-1861	EA	36" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray	1,183.66	513.18
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-75.60*	

26 05 36 00-1862 90 Degree, 36" Radius Vertical Risers *(26 05 36 00-1805)*

26 05 36 00-1863	EA	6" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray	613.21	180.64
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-46.26*	
26 05 36 00-1864	EA	12" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray	758.90	256.98
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-54.48*	
26 05 36 00-1865	EA	18" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray	938.65	342.43
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-65.33*	
26 05 36 00-1866	EA	24" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray	1,125.84	439.42
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-75.97*	
26 05 36 00-1867	EA	30" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray	1,258.18	513.18
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-83.05*	
26 05 36 00-1868	EA	36" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray	1,471.85	614.79
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-95.95*	

26 05 36 00-1869 12" Radius Horizontal Tees *(26 05 36 00-1805)*

26 05 36 00-1870	EA	6" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray	701.81	307.91
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-44.52*	
26 05 36 00-1871	EA	12" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray	849.79	384.12
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-52.97*	
26 05 36 00-1872	EA	18" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray	971.48	440.31
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-60.45*	
26 05 36 00-1873	EA	24" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray	1,130.10	513.18
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-70.24*	
26 05 36 00-1874	EA	30" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray	1,246.76	559.37
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-78.06*	
26 05 36 00-1875	EA	36" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray	1,369.38	614.79
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-85.70*	

26 05 36 00-1876 24" Radius Horizontal Tees *(26 05 36 00-1805)*

26 05 36 00-1877	EA	6" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray	881.75	341.78
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-59.69*	
26 05 36 00-1878	EA	12" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray	1,072.28	439.42
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-70.61*	
26 05 36 00-1879	EA	18" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray	1,234.90	513.18
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-80.72*	
26 05 36 00-1880	EA	24" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray	1,518.42	614.79
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-100.61*	
26 05 36 00-1881	EA	30" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray	1,677.03	684.84
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-110.63*	
26 05 36 00-1882	EA	36" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray	1,874.46	769.78
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-123.30*	

26 05 36 00-1883 36" Radius Horizontal Tees *(26 05 36 00-1805)*

26 05 36 00-1884	EA	6" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,088.60	384.88
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-76.79*	
26 05 36 00-1885	EA	12" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,365.31	513.18
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-93.77*	
26 05 36 00-1886	EA	18" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,584.58	616.85
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-107.06*	
26 05 36 00-1887	EA	24" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,953.64	769.78
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-131.22*	
26 05 36 00-1888	EA	30" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray	2,181.55	882.80
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-144.59*	
26 05 36 00-1889	EA	36" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray	2,544.41	1,023.67
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-169.14*	

26 05 36 00-1890 12" Radius Vertical Tees *(26 05 36 00-1805)*

26 05 36 00-1891	EA	6" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray	827.56	307.91
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-57.10*	
26 05 36 00-1892	EA	12" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray	960.52	384.88
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-63.98*	
26 05 36 00-1893	EA	18" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray	1,009.90	410.29
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-66.80*	
26 05 36 00-1894	EA	24" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray	1,076.93	439.42
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-71.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1895	EA	30" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray	1,155.61	474.05
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-76.06*	
26 05 36 00-1896	EA	36" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray	1,304.98	559.37
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-83.88*	

26 05 36 00-1897 24" Radius Vertical Tees *(26 05 36 00-1805)*

26 05 36 00-1898	EA	6" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray	991.20	341.78
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-70.64*	
26 05 36 00-1899	EA	12" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray	1,174.74	439.42
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-80.86*	
26 05 36 00-1900	EA	18" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray	1,253.42	474.05
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-85.84*	
26 05 36 00-1901	EA	24" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray	1,353.66	513.18
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-92.60*	
26 05 36 00-1902	EA	30" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray	1,456.35	559.37
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-99.02*	
26 05 36 00-1903	EA	36" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray	1,709.63	684.84
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-113.89*	

26 05 36 00-1904 36" Radius Vertical Tees *(26 05 36 00-1805)*

26 05 36 00-1905	EA	6" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,310.88	384.12
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-99.08*	
26 05 36 00-1906	EA	12" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,542.29	513.18
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-111.46*	
26 05 36 00-1907	EA	18" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,642.65	559.37
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-117.65*	
26 05 36 00-1908	EA	24" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,784.85	616.85
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-127.08*	
26 05 36 00-1909	EA	30" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray	2,014.70	684.84
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-144.40*	
26 05 36 00-1910	EA	36" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray	2,349.48	878.70
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-161.72*	

26 05 36 00-1911 12" Radius Horizontal Crosses *(26 05 36 00-1805)*

26 05 36 00-1912	EA	6" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray	883.67	384.88
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-56.29*	
26 05 36 00-1913	EA	12" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray	978.47	440.31
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-61.15*	
26 05 36 00-1914	EA	18" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray	1,127.77	513.18
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-70.01*	
26 05 36 00-1915	EA	24" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray	1,311.17	614.79
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-79.88*	
26 05 36 00-1916	EA	30" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray	1,458.75	682.41
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-89.01*	
26 05 36 00-1917	EA	36" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray	1,643.92	769.78
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-100.24*	

26 05 36 00-1918 24" Radius Horizontal Crosses *(26 05 36 00-1805)*

26 05 36 00-1919	EA	6" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray	1,113.54	440.31
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-74.66*	
26 05 36 00-1920	EA	12" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray	1,253.53	513.18
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-82.59*	
26 05 36 00-1921	EA	18" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray	1,462.53	614.79
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-95.02*	
26 05 36 00-1922	EA	24" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray	1,839.53	769.78
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-119.81*	
26 05 36 00-1923	EA	30" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray	2,079.35	878.70
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-134.71*	
26 05 36 00-1924	EA	36" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray	2,358.11	1,023.67
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-150.51*	

26 05 36 00-1925 36" Radius Horizontal Crosses *(26 05 36 00-1805)*

26 05 36 00-1926	EA	6" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray	1,495.71	513.18
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-106.81*	
26 05 36 00-1927	EA	12" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray	1,701.02	616.85
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-118.70*	
26 05 36 00-1928	EA	18" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray	1,969.94	769.78
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-132.85*	
26 05 36 00-1929	EA	24" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray	2,541.88	1,029.06
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-168.43*	
26 05 36 00-1930	EA	30" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray	2,964.23	1,233.57
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-193.62*	
26 05 36 00-1931	EA	36" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray	3,543.99	1,539.55
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-226.10*	

26 05 36 00-1932 Straight Reducers *(26 05 36 00-1805)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1933	EA	12" To 6" Reducer, Vented Bottom, Steel Cable Tray	336.09	131.11
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-22.68*	
26 05 36 00-1934	EA	18" To 12" Reducer, Vented Bottom, Steel Cable Tray	366.35	146.52
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-24.43*	
26 05 36 00-1935	EA	24" To 18" Reducer, Vented Bottom, Steel Cable Tray	415.00	170.76
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-27.27*	
26 05 36 00-1936	EA	30" To 24" Reducer, Vented Bottom, Steel Cable Tray	455.81	192.44
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-29.54*	
26 05 36 00-1937	EA	36" To 30" Reducer, Vented Bottom, Steel Cable Tray	497.62	211.94
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-32.10*	
26 05 36 00-1938		**Reducers** *(26 05 36 00-1805)*		
26 05 36 00-1939	EA	18" To 6" Reducer, Vented Bottom, Steel Cable Tray	366.35	146.52
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-24.43*	
26 05 36 00-1940	EA	24" To 12" Reducer, Vented Bottom, Steel Cable Tray	413.19	171.02
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-27.06*	
26 05 36 00-1941	EA	30" To 12" Reducer, Vented Bottom, Steel Cable Tray	453.16	192.19
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-29.30*	
26 05 36 00-1942	EA	30" To 18" Reducer, Vented Bottom, Steel Cable Tray	455.17	192.06
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-29.51*	
26 05 36 00-1943	EA	36" To 12" Reducer, Vented Bottom, Steel Cable Tray	495.29	211.94
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-31.87*	
26 05 36 00-1944	EA	36" To 18" Reducer, Vented Bottom, Steel Cable Tray	497.62	211.94
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-32.10*	
26 05 36 00-1945	EA	36" To 24" Reducer, Vented Bottom, Steel Cable Tray	500.73	212.45
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-32.37*	
26 05 36 00-1946		**Dropout Or End Plate** *(26 05 36 00-1805)*		
26 05 36 00-1947	EA	6" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	106.96	47.34
26 05 36 00-1948	EA	12" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	126.86	55.56
26 05 36 00-1949	EA	18" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	139.82	61.33
26 05 36 00-1950	EA	24" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	157.26	68.38
26 05 36 00-1951	EA	30" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	174.48	76.85
26 05 36 00-1952	EA	36" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	204.40	91.86
26 05 36 00-1953		**Vented Bottom Aluminum Cable Tray** *(26 05 36 00-1797)*		
26 05 36 00-1954	LF	6" Vented Bottom Aluminum Cable Tray, Straight Section	40.52	10.01
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-3.21*	
26 05 36 00-1955	LF	9" Vented Bottom Aluminum Cable Tray, Straight Section	44.96	11.03
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-3.58*	
26 05 36 00-1956	LF	12" Vented Bottom Aluminum Cable Tray, Straight Section	50.31	12.32
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-4.01*	
26 05 36 00-1957	LF	18" Vented Bottom Aluminum Cable Tray, Straight Section	58.66	13.73
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-4.72*	
26 05 36 00-1958	LF	24" Vented Bottom Aluminum Cable Tray, Straight Section	67.38	15.27
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-5.47*	
26 05 36 00-1959	LF	30" Vented Bottom Aluminum Cable Tray, Straight Section	85.77	17.58
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-7.11*	
26 05 36 00-1960	LF	36" Vented Bottom Aluminum Cable Tray, Straight Section	95.33	20.65
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-7.82*	
26 05 36 00-1961		**Vented Bottom Aluminum Cable Tray Fittings** *(26 05 36 00-1797)*		
26 05 36 00-1962		**90 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-1961)*		
26 05 36 00-1963	EA	6" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	463.26	162.17
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-32.82*	
26 05 36 00-1964	EA	9" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	503.29	176.02
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-35.66*	
26 05 36 00-1965	EA	12" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	554.15	198.21
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-38.90*	
26 05 36 00-1966	EA	18" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	626.34	219.64
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-44.33*	
26 05 36 00-1967	EA	24" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	748.88	268.01
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-52.55*	
26 05 36 00-1968	EA	30" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	886.12	308.42
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-62.91*	
26 05 36 00-1969	EA	36" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	976.40	342.43
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-69.10*	
26 05 36 00-1970		**90 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-1961)*		
26 05 36 00-1971	EA	6" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	564.63	170.89
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-42.22*	
26 05 36 00-1972	EA	12" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	681.37	212.45
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-50.44*	
26 05 36 00-1973	EA	18" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	772.70	236.96
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-57.52*	
26 05 36 00-1974	EA	24" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	919.06	292.90
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-67.50*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1975		EA	30" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,061.11	341.26
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-77.68*	
26 05 36 00-1976		EA	36" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,173.07	384.88
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-85.23*	
26 05 36 00-1977			**90 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-1961)*		
26 05 36 00-1978		EA	6" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	695.66	180.64
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-54.51*	
26 05 36 00-1979		EA	12" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	830.93	228.24
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-64.07*	
26 05 36 00-1980		EA	18" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	940.23	256.98
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-72.61*	
26 05 36 00-1981		EA	24" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,099.54	323.95
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-82.96*	
26 05 36 00-1982		EA	30" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,180.73	313.94
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-91.91*	
26 05 36 00-1983		EA	36" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,445.73	439.42
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-107.96*	
26 05 36 00-1984			**45 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-1961)*		
26 05 36 00-1985		EA	6" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	421.01	162.30
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-28.58*	
26 05 36 00-1986		EA	9" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	457.38	176.28
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-31.05*	
26 05 36 00-1987		EA	12" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	504.91	198.21
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-33.98*	
26 05 36 00-1988		EA	18" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	568.68	219.39
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-38.58*	
26 05 36 00-1989		EA	24" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	681.78	267.63
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-45.87*	
26 05 36 00-1990		EA	30" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	804.25	308.42
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-54.73*	
26 05 36 00-1991		EA	36" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	886.14	341.78
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-60.13*	
26 05 36 00-1992			**45 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-1961)*		
26 05 36 00-1993		EA	6" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	503.34	171.02
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-36.08*	
26 05 36 00-1994		EA	12" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	609.35	212.45
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-43.23*	
26 05 36 00-1995		EA	18" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	690.10	237.35
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-49.24*	
26 05 36 00-1996		EA	24" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	825.01	293.41
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-58.05*	
26 05 36 00-1997		EA	30" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	954.80	342.43
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-66.94*	
26 05 36 00-1998		EA	36" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,056.12	384.88
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-73.54*	
26 05 36 00-1999			**45 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-1961)*		
26 05 36 00-2000		EA	6" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	609.44	181.03
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-45.86*	
26 05 36 00-2001		EA	12" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	730.93	227.73
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-54.11*	
26 05 36 00-2002		EA	18" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	827.59	256.98
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-61.35*	
26 05 36 00-2003		EA	24" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	977.35	324.59
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-70.69*	
26 05 36 00-2004		EA	30" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,116.88	362.44
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-81.49*	
26 05 36 00-2005		EA	36" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,290.44	440.31
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-92.35*	
26 05 36 00-2006			**90 Degree, 12" Radius Vertical Risers** *(26 05 36 00-1961)*		
26 05 36 00-2007		EA	6" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	504.55	161.66
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-36.98*	
26 05 36 00-2008		EA	9" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	541.65	175.64
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-39.53*	
26 05 36 00-2009		EA	12" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	582.13	198.21
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-41.70*	
26 05 36 00-2010		EA	18" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	626.34	219.64
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-44.33*	
26 05 36 00-2011		EA	24" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	734.89	268.01
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-51.15*	
26 05 36 00-2012		EA	30" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	816.17	308.42
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-55.92*	
26 05 36 00-2013		EA	36" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	874.67	341.78
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-58.98*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2014		**90 Degree, 24" Radius Vertical Risers** *(26 05 36 00-1961)*		
26 05 36 00-2015	EA	6" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray	601.00	170.89
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-45.86*	
26 05 36 00-2016	EA	12" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray	698.16	212.45
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-52.12*	
26 05 36 00-2017	EA	18" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray	769.90	236.96
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-57.24*	
26 05 36 00-2018	EA	24" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray	869.44	293.41
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-62.50*	
26 05 36 00-2019	EA	30" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray	969.79	341.78
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-68.49*	
26 05 36 00-2020	EA	36" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,061.16	384.88
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-74.04*	
26 05 36 00-2021		**90 Degree, 36" Radius Vertical Risers** *(26 05 36 00-1961)*		
26 05 36 00-2022	EA	6" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray	692.86	180.64
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-54.23*	
26 05 36 00-2023	EA	12" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray	800.15	228.24
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-60.99*	
26 05 36 00-2024	EA	18" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray	898.26	256.98
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-68.42*	
26 05 36 00-2025	EA	24" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,049.18	323.95
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-77.92*	
26 05 36 00-2026	EA	30" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,163.60	362.44
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-86.16*	
26 05 36 00-2027	EA	36" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,308.64	439.42
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-94.25*	
26 05 36 00-2028		**12" Radius Horizontal Tees** *(26 05 36 00-1961)*		
26 05 36 00-2029	EA	6" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	806.96	307.91
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-55.04*	
26 05 36 00-2030	EA	9" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	842.14	323.95
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-57.22*	
26 05 36 00-2031	EA	12" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	896.04	341.26
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-61.17*	
26 05 36 00-2032	EA	18" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	1,023.27	385.66
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-70.19*	
26 05 36 00-2033	EA	24" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	1,168.75	439.42
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-80.26*	
26 05 36 00-2034	EA	30" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	1,322.55	513.18
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-89.49*	
26 05 36 00-2035	EA	36" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	1,463.97	559.37
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-99.78*	
26 05 36 00-2036		**24" Radius Horizontal Tees** *(26 05 36 00-1961)*		
26 05 36 00-2037	EA	6" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,017.36	341.78
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-73.25*	
26 05 36 00-2038	EA	12" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,149.41	384.12
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-82.93*	
26 05 36 00-2039	EA	18" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,291.85	439.42
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-92.57*	
26 05 36 00-2040	EA	24" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,552.49	511.77
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-112.60*	
26 05 36 00-2041	EA	30" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,783.43	616.85
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-126.94*	
26 05 36 00-2042	EA	36" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	2,022.75	684.84
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-145.20*	
26 05 36 00-2043		**36" Radius Horizontal Tees** *(26 05 36 00-1961)*		
26 05 36 00-2044	EA	6" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,360.53	384.88
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-103.98*	
26 05 36 00-2045	EA	12" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,557.65	439.42
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-119.15*	
26 05 36 00-2046	EA	18" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,651.62	428.64
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-129.45*	
26 05 36 00-2047	EA	24" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	2,115.90	614.79
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-160.35*	
26 05 36 00-2048	EA	30" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	2,449.22	772.85
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-180.52*	
26 05 36 00-2049	EA	36" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	2,807.53	878.70
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-207.53*	
26 05 36 00-2050		**12" Radius Vertical Tees** *(26 05 36 00-1961)*		
26 05 36 00-2051	EA	6" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	916.07	307.91
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-65.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2052	EA	9" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	945.66	323.95
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-67.57*	
26 05 36 00-2053	EA	12" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	1,006.17	341.78
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-72.13*	
26 05 36 00-2054	EA	18" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	1,043.29	362.44
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-74.13*	
26 05 36 00-2055	EA	24" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	1,090.66	384.12
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-77.06*	
26 05 36 00-2056	EA	30" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	1,153.92	410.29
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-81.20*	
26 05 36 00-2057	EA	36" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	1,277.69	472.77
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-88.37*	
26 05 36 00-2058		**24" Radius Vertical Tees** *(26 05 36 00-1961)*		
26 05 36 00-2059	EA	6" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,140.46	341.78
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-85.56*	
26 05 36 00-2060	EA	12" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,255.73	384.12
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-93.56*	
26 05 36 00-2061	EA	18" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,341.38	410.29
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-99.94*	
26 05 36 00-2062	EA	24" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,431.74	439.42
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-106.56*	
26 05 36 00-2063	EA	30" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,543.48	472.77
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-114.95*	
26 05 36 00-2064	EA	36" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,704.51	561.04
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-123.70*	
26 05 36 00-2065		**36" Radius Vertical Tees** *(26 05 36 00-1961)*		
26 05 36 00-2066	EA	6" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,521.53	384.12
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-120.14*	
26 05 36 00-2067	EA	12" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,669.56	439.42
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-130.34*	
26 05 36 00-2068	EA	18" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,753.32	472.77
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-135.93*	
26 05 36 00-2069	EA	24" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,892.80	514.59
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-146.40*	
26 05 36 00-2070	EA	30" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	2,054.24	561.04
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-158.67*	
26 05 36 00-2071	EA	36" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	2,312.48	682.41
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-174.38*	
26 05 36 00-2072		**12" Radius Horizontal Crosses** *(26 05 36 00-1961)*		
26 05 36 00-2073	EA	6" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray	936.22	341.78
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-65.14*	
26 05 36 00-2074	EA	9" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray	995.73	362.44
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-69.37*	
26 05 36 00-2075	EA	12" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray	1,045.65	385.66
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-72.43*	
26 05 36 00-2076	EA	18" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray	1,154.76	439.42
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-78.86*	
26 05 36 00-2077	EA	24" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray	1,323.07	511.77
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-89.66*	
26 05 36 00-2078	EA	30" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray	1,500.44	557.82
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-103.56*	
26 05 36 00-2079	EA	36" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray	1,829.69	684.84
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-125.90*	
26 05 36 00-2080		**24" Radius Horizontal Crosses** *(26 05 36 00-1961)*		
26 05 36 00-2081	EA	6" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,300.26	385.66
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-97.89*	
26 05 36 00-2082	EA	12" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,451.33	439.42
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-108.52*	
26 05 36 00-2083	EA	18" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,628.04	511.77
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-120.15*	
26 05 36 00-2084	EA	24" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,920.05	614.79
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-140.77*	
26 05 36 00-2085	EA	30" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray	2,102.64	682.41
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-153.40*	
26 05 36 00-2086	EA	36" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray	2,555.73	878.70
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-182.35*	
26 05 36 00-2087		**36" Radius Horizontal Crosses** *(26 05 36 00-1961)*		
26 05 36 00-2088	EA	6" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,809.46	439.42
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-144.33*	
26 05 36 00-2089	EA	12" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray	2,004.71	514.59
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-157.59*	
26 05 36 00-2090	EA	18" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray	2,269.78	614.79
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-175.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2091	EA	24" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray	2,729.01	772.85
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-208.50*	
26 05 36 00-2092	EA	30" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray	3,038.08	882.80
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-230.24*	
26 05 36 00-2093	EA	36" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray	3,524.67	1,023.67
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-267.16*	
26 05 36 00-2094		**Straight Reducers** *(26 05 36 00-1961)*		
26 05 36 00-2095	EA	9" To 6" Reducer, Vented Bottom, Aluminum Cable Tray	350.21	102.63
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-26.46*	
26 05 36 00-2096	EA	12" To 9" Reducer, Vented Bottom, Aluminum Cable Tray	367.65	108.16
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-27.76*	
26 05 36 00-2097	EA	18" To 12" Reducer, Vented Bottom, Aluminum Cable Tray	415.14	128.17
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-30.83*	
26 05 36 00-2098	EA	24" To 18" Reducer, Vented Bottom, Aluminum Cable Tray	459.35	146.39
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-33.74*	
26 05 36 00-2099	EA	30" To 24" Reducer, Vented Bottom, Aluminum Cable Tray	506.14	171.02
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-36.36*	
26 05 36 00-2100	EA	36" To 30" Reducer, Vented Bottom, Aluminum Cable Tray	549.52	192.06
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-38.95*	
26 05 36 00-2101		**Reducers** *(26 05 36 00-1961)*		
26 05 36 00-2102	EA	12" To 6" Reducer, Vented Bottom, Aluminum Cable Tray	367.35	107.90
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-27.74*	
26 05 36 00-2103	EA	18" To 6" Reducer, Vented Bottom, Aluminum Cable Tray	415.00	128.17
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-30.82*	
26 05 36 00-2104	EA	18" To 9" Reducer, Vented Bottom, Aluminum Cable Tray	415.00	128.17
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-30.82*	
26 05 36 00-2105	EA	24" To 6" Reducer, Vented Bottom, Aluminum Cable Tray	459.53	146.52
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-33.75*	
26 05 36 00-2106	EA	24" To 9" Reducer, Vented Bottom, Aluminum Cable Tray	459.53	146.52
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-33.75*	
26 05 36 00-2107	EA	24" To 12" Reducer, Vented Bottom, Aluminum Cable Tray	459.91	146.65
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-33.77*	
26 05 36 00-2108	EA	30" To 12" Reducer, Vented Bottom, Aluminum Cable Tray	511.47	170.89
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-36.91*	
26 05 36 00-2109	EA	30" To 18" Reducer, Vented Bottom, Aluminum Cable Tray	505.62	170.76
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-36.33*	
26 05 36 00-2110	EA	36" To 12" Reducer, Vented Bottom, Aluminum Cable Tray	549.52	192.06
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-38.95*	
26 05 36 00-2111	EA	36" To 18" Reducer, Vented Bottom, Aluminum Cable Tray	549.52	192.06
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-38.95*	
26 05 36 00-2112	EA	36" To 24" Reducer, Vented Bottom, Aluminum Cable Tray	550.16	192.44
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-38.98*	
26 05 36 00-2113		**Dropout Or End Plate** *(26 05 36 00-1961)*		
26 05 36 00-2114	EA	6" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	115.55	47.34
26 05 36 00-2115	EA	9" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	126.09	51.71
26 05 36 00-2116	EA	12" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	135.88	55.56
26 05 36 00-2117	EA	18" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	154.39	61.33
26 05 36 00-2118	EA	24" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	177.01	68.38
26 05 36 00-2119	EA	30" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	195.29	76.85
26 05 36 00-2120	EA	36" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	223.60	88.01
26 05 36 00-2121		**Cable Tray Covers And Dividers** *(26 05 36 00-0001)*		
26 05 36 00-2122		**Galvanized Steel Covers** *(26 05 36 00-2121)*		
26 05 36 00-2123		**Ventilated Straight Sections** *(26 05 36 00-2122)*		
26 05 36 00-2124	LF	6" Steel Cable Tray Cover, Straight Section	11.25	2.30
26 05 36 00-2125	LF	9" Steel Cable Tray Cover, Straight Section	13.57	2.70
26 05 36 00-2126	LF	12" Steel Cable Tray Cover, Straight Section	15.95	3.08
26 05 36 00-2127	LF	18" Steel Cable Tray Cover, Straight Section	21.62	4.11
26 05 36 00-2128	LF	24" Steel Cable Tray Cover, Straight Section	27.42	5.52
26 05 36 00-2129	LF	30" Steel Cable Tray Cover, Straight Section	33.26	6.80
26 05 36 00-2130	LF	36" Steel Cable Tray Cover, Straight Section	153.58	77.10
26 05 36 00-2131		**90 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-2122)*		
26 05 36 00-2132	EA	6" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	68.47	8.21
26 05 36 00-2133	EA	9" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	76.58	9.62
26 05 36 00-2134	EA	12" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	82.99	11.41
26 05 36 00-2135	EA	18" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	112.85	14.63
26 05 36 00-2136	EA	24" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	138.19	18.60
26 05 36 00-2137	EA	30" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	167.06	20.65
26 05 36 00-2138	EA	36" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	201.79	24.63

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2139		**90 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-2122)*		
26 05 36 00-2140	EA	6" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	105.95	9.11
26 05 36 00-2141	EA	9" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	110.86	10.65
26 05 36 00-2142	EA	12" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	125.06	12.83
26 05 36 00-2143	EA	18" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	155.15	16.29
26 05 36 00-2144	EA	24" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	190.28	20.52
26 05 36 00-2145	EA	30" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	244.37	23.61
26 05 36 00-2146	EA	36" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	284.23	27.97
26 05 36 00-2147		**90 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-2122)*		
26 05 36 00-2148	EA	6" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	149.77	10.26
26 05 36 00-2149	EA	9" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	166.47	11.80
26 05 36 00-2150	EA	12" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	180.44	14.63
26 05 36 00-2151	EA	18" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	228.78	17.07
26 05 36 00-2152	EA	24" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	277.00	23.74
26 05 36 00-2153	EA	30" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	326.42	26.82
26 05 36 00-2154	EA	36" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	381.92	30.79
26 05 36 00-2155		**45 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-2122)*		
26 05 36 00-2156	EA	6" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	52.64	8.21
		For 60 Degree Bend, Deduct	*-14.21*	
		For 30 Degree Bend, Deduct	*-24.14*	
26 05 36 00-2157	EA	9" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	62.60	9.62
		For 60 Degree Bend, Deduct	*-16.97*	
		For 30 Degree Bend, Deduct	*-28.82*	
26 05 36 00-2158	EA	12" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	70.18	11.41
		For 60 Degree Bend, Deduct	*-18.80*	
		For 30 Degree Bend, Deduct	*-31.97*	
26 05 36 00-2159	EA	18" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	85.01	13.99
		For 60 Degree Bend, Deduct	*-22.69*	
		For 30 Degree Bend, Deduct	*-38.60*	
26 05 36 00-2160	EA	24" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	99.24	16.16
		For 60 Degree Bend, Deduct	*-26.53*	
		For 30 Degree Bend, Deduct	*-45.11*	
26 05 36 00-2161	EA	30" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	116.10	18.60
		For 60 Degree Bend, Deduct	*-31.16*	
		For 30 Degree Bend, Deduct	*-52.97*	
26 05 36 00-2162	EA	36" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	129.70	20.52
		For 60 Degree Bend, Deduct	*-34.93*	
		For 30 Degree Bend, Deduct	*-59.36*	
26 05 36 00-2163		**45 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-2122)*		
26 05 36 00-2164	EA	6" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover	72.19	9.11
		For 60 Degree Bend, Deduct	*-20.34*	
		For 30 Degree Bend, Deduct	*-34.41*	
26 05 36 00-2165	EA	9" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover	81.75	10.65
		For 60 Degree Bend, Deduct	*-22.90*	
		For 30 Degree Bend, Deduct	*-38.76*	
26 05 36 00-2166	EA	12" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover	93.62	12.83
		For 60 Degree Bend, Deduct	*-25.97*	
		For 30 Degree Bend, Deduct	*-43.99*	
26 05 36 00-2167	EA	18" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover	108.37	15.39
		For 60 Degree Bend, Deduct	*-29.85*	
		For 30 Degree Bend, Deduct	*-50.61*	
26 05 36 00-2168	EA	24" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover	124.86	17.58
		For 60 Degree Bend, Deduct	*-34.45*	
		For 30 Degree Bend, Deduct	*-58.39*	
26 05 36 00-2169	EA	30" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover	155.38	20.52
		For 60 Degree Bend, Deduct	*-43.39*	
		For 30 Degree Bend, Deduct	*-73.46*	
26 05 36 00-2170	EA	36" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover	172.25	23.74
		For 60 Degree Bend, Deduct	*-47.76*	
		For 30 Degree Bend, Deduct	*-80.91*	
26 05 36 00-2171		**45 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-2122)*		
26 05 36 00-2172	EA	6" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover	99.73	10.26
		For 60 Degree Bend, Deduct	*-28.99*	
		For 30 Degree Bend, Deduct	*-48.88*	
26 05 36 00-2173	EA	9" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover	112.91	11.80
		For 60 Degree Bend, Deduct	*-32.72*	
		For 30 Degree Bend, Deduct	*-55.18*	
26 05 36 00-2174	EA	12" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover	126.81	14.63
		For 60 Degree Bend, Deduct	*-36.25*	
		For 30 Degree Bend, Deduct	*-61.22*	
26 05 36 00-2175	EA	18" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover	144.70	16.29
		For 60 Degree Bend, Deduct	*-41.52*	
		For 30 Degree Bend, Deduct	*-70.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2176	EA	24" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover	176.36	19.88
		For 60 Degree Bend, Deduct	*-50.58*	
		For 30 Degree Bend, Deduct	*-85.40*	
26 05 36 00-2177	EA	30" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover	195.54	23.74
		For 60 Degree Bend, Deduct	*-55.44*	
		For 30 Degree Bend, Deduct	*-93.72*	
26 05 36 00-2178	EA	36" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover	231.42	25.66
		For 60 Degree Bend, Deduct	*-66.53*	
		For 30 Degree Bend, Deduct	*-112.30*	
26 05 36 00-2179		**90 Degree, 12" Radius Vertical Risers** *(26 05 36 00-2122)*		
26 05 36 00-2180	EA	6" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	59.34	8.21
26 05 36 00-2181	EA	9" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	62.60	9.62
26 05 36 00-2182	EA	12" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	69.02	11.41
26 05 36 00-2183	EA	18" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	80.39	13.99
26 05 36 00-2184	EA	24" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	88.40	18.09
26 05 36 00-2185	EA	30" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	98.36	20.65
26 05 36 00-2186	EA	36" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	123.68	24.63
26 05 36 00-2187		**90 Degree, 24" Radius Vertical Risers** *(26 05 36 00-2122)*		
26 05 36 00-2188	EA	6" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	71.02	9.11
26 05 36 00-2189	EA	9" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	79.42	10.65
26 05 36 00-2190	EA	12" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	85.47	12.83
26 05 36 00-2191	EA	18" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	110.66	15.39
26 05 36 00-2192	EA	24" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	128.58	19.88
26 05 36 00-2193	EA	30" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	147.76	23.74
26 05 36 00-2194	EA	36" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	170.12	27.97
26 05 36 00-2195		**90 Degree, 36" Radius Vertical Risers** *(26 05 36 00-2122)*		
26 05 36 00-2196	EA	6" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	82.23	10.26
26 05 36 00-2197	EA	9" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	102.43	11.80
26 05 36 00-2198	EA	12" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	117.56	14.63
26 05 36 00-2199	EA	18" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	144.70	16.29
26 05 36 00-2200	EA	24" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	168.34	22.71
26 05 36 00-2201	EA	30" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	200.67	26.82
26 05 36 00-2202	EA	36" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	235.21	30.79
26 05 36 00-2203		**12" Radius Horizontal Tees** *(26 05 36 00-2122)*		
26 05 36 00-2204	EA	6" Horizontal Tee, 12" Radius, Steel Cable Tray Cover	105.00	13.34
26 05 36 00-2205	EA	9" Horizontal Tee, 12" Radius, Steel Cable Tray Cover	110.66	15.39
26 05 36 00-2206	EA	12" Horizontal Tee, 12" Radius, Steel Cable Tray Cover	125.57	18.09
26 05 36 00-2207	EA	18" Horizontal Tee, 12" Radius, Steel Cable Tray Cover	150.73	20.52
26 05 36 00-2208	EA	24" Horizontal Tee, 12" Radius, Steel Cable Tray Cover	186.22	23.74
26 05 36 00-2209	EA	30" Horizontal Tee, 12" Radius, Steel Cable Tray Cover	229.25	34.13
26 05 36 00-2210	EA	36" Horizontal Tee, 12" Radius, Steel Cable Tray Cover	275.53	40.93
26 05 36 00-2211		**24" Radius Horizontal Tees** *(26 05 36 00-2122)*		
26 05 36 00-2212	EA	6" Horizontal Tee, 24" Radius, Steel Cable Tray Cover	153.74	13.99
26 05 36 00-2213	EA	9" Horizontal Tee, 24" Radius, Steel Cable Tray Cover	176.13	16.29
26 05 36 00-2214	EA	12" Horizontal Tee, 24" Radius, Steel Cable Tray Cover	185.74	19.24
26 05 36 00-2215	EA	18" Horizontal Tee, 24" Radius, Steel Cable Tray Cover	234.63	22.07
26 05 36 00-2216	EA	24" Horizontal Tee, 24" Radius, Steel Cable Tray Cover	345.40	25.66
26 05 36 00-2217	EA	30" Horizontal Tee, 24" Radius, Steel Cable Tray Cover	408.85	38.49
26 05 36 00-2218	EA	36" Horizontal Tee, 24" Radius, Steel Cable Tray Cover	458.49	47.34
26 05 36 00-2219		**36" Radius Horizontal Tees** *(26 05 36 00-2122)*		
26 05 36 00-2220	EA	6" Horizontal Tee, 36" Radius, Steel Cable Tray Cover	259.58	14.63
26 05 36 00-2221	EA	9" Horizontal Tee, 36" Radius, Steel Cable Tray Cover	268.34	17.07
26 05 36 00-2222	EA	12" Horizontal Tee, 36" Radius, Steel Cable Tray Cover	299.73	20.52
26 05 36 00-2223	EA	18" Horizontal Tee, 36" Radius, Steel Cable Tray Cover	351.63	23.74
26 05 36 00-2224	EA	24" Horizontal Tee, 36" Radius, Steel Cable Tray Cover	456.56	27.97
26 05 36 00-2225	EA	30" Horizontal Tee, 36" Radius, Steel Cable Tray Cover	518.28	44.13
26 05 36 00-2226	EA	36" Horizontal Tee, 36" Radius, Steel Cable Tray Cover	598.36	55.81
26 05 36 00-2227		**12" Radius Horizontal Crosses** *(26 05 36 00-2122)*		
26 05 36 00-2228	EA	6" Horizontal Cross, 12" Radius, Steel Cable Tray Cover	153.57	18.09
26 05 36 00-2229	EA	9" Horizontal Cross, 12" Radius, Steel Cable Tray Cover	162.49	19.24
26 05 36 00-2230	EA	12" Horizontal Cross, 12" Radius, Steel Cable Tray Cover	179.84	20.52
26 05 36 00-2231	EA	18" Horizontal Cross, 12" Radius, Steel Cable Tray Cover	211.84	23.74
26 05 36 00-2232	EA	24" Horizontal Cross, 12" Radius, Steel Cable Tray Cover	266.46	34.13
26 05 36 00-2233	EA	30" Horizontal Cross, 12" Radius, Steel Cable Tray Cover	308.06	40.93
26 05 36 00-2234	EA	36" Horizontal Cross, 12" Radius, Steel Cable Tray Cover	352.71	44.00

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2235		**24" Radius Horizontal Crosses** *(26 05 36 00-2122)*		
26 05 36 00-2236	EA	6" Horizontal Cross, 24" Radius, Steel Cable Tray Cover	267.32	19.24
26 05 36 00-2237	EA	9" Horizontal Cross, 24" Radius, Steel Cable Tray Cover	290.41	20.52
26 05 36 00-2238	EA	12" Horizontal Cross, 24" Radius, Steel Cable Tray Cover	311.48	22.07
26 05 36 00-2239	EA	18" Horizontal Cross, 24" Radius, Steel Cable Tray Cover	371.01	25.66
26 05 36 00-2240	EA	24" Horizontal Cross, 24" Radius, Steel Cable Tray Cover	464.68	38.49
26 05 36 00-2241	EA	30" Horizontal Cross, 24" Radius, Steel Cable Tray Cover	530.58	47.34
26 05 36 00-2242	EA	36" Horizontal Cross, 24" Radius, Steel Cable Tray Cover	593.02	51.19
26 05 36 00-2243		**36" Radius Horizontal Crosses** *(26 05 36 00-2122)*		
26 05 36 00-2244	EA	6" Horizontal Cross, 36" Radius, Steel Cable Tray Cover	427.81	20.52
26 05 36 00-2245	EA	9" Horizontal Cross, 36" Radius, Steel Cable Tray Cover	444.23	22.07
26 05 36 00-2246	EA	12" Horizontal Cross, 36" Radius, Steel Cable Tray Cover	468.07	23.74
26 05 36 00-2247	EA	18" Horizontal Cross, 36" Radius, Steel Cable Tray Cover	540.39	27.97
26 05 36 00-2248	EA	24" Horizontal Cross, 36" Radius, Steel Cable Tray Cover	702.20	44.00
26 05 36 00-2249	EA	30" Horizontal Cross, 36" Radius, Steel Cable Tray Cover	768.77	56.07
26 05 36 00-2250	EA	36" Horizontal Cross, 36" Radius, Steel Cable Tray Cover	824.54	61.58
26 05 36 00-2251		**Reducers** *(26 05 36 00-2122)*		
26 05 36 00-2252	EA	9" To 6" Reducer, Steel Cable Tray Covers	68.44	9.62
26 05 36 00-2253	EA	12" To 6" Reducer, Steel Cable Tray Covers	73.72	11.41
26 05 36 00-2254	EA	12" To 9" Reducer, Steel Cable Tray Covers	73.72	11.41
26 05 36 00-2255	EA	18" To 6" Reducer, Steel Cable Tray Covers	81.55	13.99
26 05 36 00-2256	EA	18" To 12" Reducer, Steel Cable Tray Covers	81.55	13.99
26 05 36 00-2257	EA	24" To 12" Reducer, Steel Cable Tray Covers	100.18	15.39
26 05 36 00-2258	EA	24" To 18" Reducer, Steel Cable Tray Covers	107.17	15.39
26 05 36 00-2259	EA	30" To 12" Reducer, Steel Cable Tray Covers	103.87	17.58
26 05 36 00-2260	EA	30" To 18" Reducer, Steel Cable Tray Covers	110.86	17.58
26 05 36 00-2261	EA	30" To 24" Reducer, Steel Cable Tray Covers	115.51	17.58
26 05 36 00-2262	EA	36" To 12" Reducer, Steel Cable Tray Covers	120.50	19.24
26 05 36 00-2263	EA	36" To 18" Reducer, Steel Cable Tray Covers	122.83	19.24
26 05 36 00-2264	EA	36" To 24" Reducer, Steel Cable Tray Covers	125.16	19.24
26 05 36 00-2265	EA	36" To 30" Reducer, Steel Cable Tray Covers	126.32	19.24
26 05 36 00-2266		**Aluminum Covers** *(26 05 36 00-2121)*		
26 05 36 00-2267		**Ventilated Straight Sections** *(26 05 36 00-2266)*		
26 05 36 00-2268	LF	6" Aluminum Cable Tray Cover, Straight Section	12.27	2.30
26 05 36 00-2269	LF	9" Aluminum Cable Tray Cover, Straight Section	14.63	2.70
26 05 36 00-2270	LF	12" Aluminum Cable Tray Cover, Straight Section	17.18	3.08
26 05 36 00-2271	LF	18" Aluminum Cable Tray Cover, Straight Section	22.87	4.11
26 05 36 00-2272	LF	24" Aluminum Cable Tray Cover, Straight Section	29.41	5.52
26 05 36 00-2273	LF	30" Aluminum Cable Tray Cover, Straight Section	33.44	6.80
26 05 36 00-2274	LF	36" Aluminum Cable Tray Cover, Straight Section	151.99	77.10
26 05 36 00-2275		**90 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-2266)*		
26 05 36 00-2276	EA	6" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	68.37	8.21
26 05 36 00-2277	EA	9" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	73.03	9.62
26 05 36 00-2278	EA	12" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	80.70	11.41
26 05 36 00-2279	EA	18" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	105.11	14.63
26 05 36 00-2280	EA	24" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	133.20	18.60
26 05 36 00-2281	EA	30" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	156.64	20.65
26 05 36 00-2282	EA	36" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	190.74	24.63
26 05 36 00-2283		**90 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-2266)*		
26 05 36 00-2284	EA	6" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	89.94	9.11
26 05 36 00-2285	EA	9" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	110.34	10.65
26 05 36 00-2286	EA	12" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	123.56	12.83
26 05 36 00-2287	EA	18" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	148.20	16.29
26 05 36 00-2288	EA	24" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	183.88	20.52
26 05 36 00-2289	EA	30" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	222.32	23.61
26 05 36 00-2290	EA	36" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	272.33	27.97
26 05 36 00-2291		**90 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-2266)*		
26 05 36 00-2292	EA	6" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	145.28	10.26
26 05 36 00-2293	EA	9" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	159.89	11.80
26 05 36 00-2294	EA	12" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	183.54	14.63
26 05 36 00-2295	EA	18" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	218.52	17.07
26 05 36 00-2296	EA	24" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	269.85	23.74
26 05 36 00-2297	EA	30" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	310.65	26.82
26 05 36 00-2298	EA	36" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	362.37	30.79

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2299		**45 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-2266)*		
26 05 36 00-2300	EA	6" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	54.13	8.21
		For 30 Degree Bend, Deduct	*-24.96*	
		For 60 Degree Bend, Deduct	*-14.70*	
26 05 36 00-2301	EA	9" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	57.59	9.62
		For 30 Degree Bend, Deduct	*-26.06*	
		For 60 Degree Bend, Deduct	*-15.32*	
26 05 36 00-2302	EA	12" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	65.50	11.41
		For 30 Degree Bend, Deduct	*-29.39*	
		For 60 Degree Bend, Deduct	*-17.26*	
26 05 36 00-2303	EA	18" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	76.74	13.99
		For 30 Degree Bend, Deduct	*-34.05*	
		For 60 Degree Bend, Deduct	*-19.97*	
26 05 36 00-2304	EA	24" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	86.43	16.16
		For 30 Degree Bend, Deduct	*-38.07*	
		For 60 Degree Bend, Deduct	*-22.30*	
26 05 36 00-2305	EA	30" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	105.91	18.60
		For 30 Degree Bend, Deduct	*-47.37*	
		For 60 Degree Bend, Deduct	*-27.80*	
26 05 36 00-2306	EA	36" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	124.47	20.52
		For 30 Degree Bend, Deduct	*-56.48*	
		For 60 Degree Bend, Deduct	*-33.20*	
26 05 36 00-2307		**45 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-2266)*		
26 05 36 00-2308	EA	6" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	62.05	9.11
		For 30 Degree Bend, Deduct	*-28.83*	
		For 60 Degree Bend, Deduct	*-16.99*	
26 05 36 00-2309	EA	9" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	77.09	10.65
		For 30 Degree Bend, Deduct	*-36.20*	
		For 60 Degree Bend, Deduct	*-21.37*	
26 05 36 00-2310	EA	12" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	83.18	12.83
		For 30 Degree Bend, Deduct	*-38.25*	
		For 60 Degree Bend, Deduct	*-22.52*	
26 05 36 00-2311	EA	18" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	100.51	15.39
		For 30 Degree Bend, Deduct	*-46.29*	
		For 60 Degree Bend, Deduct	*-27.26*	
26 05 36 00-2312	EA	24" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	122.01	17.58
		For 30 Degree Bend, Deduct	*-56.82*	
		For 60 Degree Bend, Deduct	*-33.51*	
26 05 36 00-2313	EA	30" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	141.17	20.52
		For 30 Degree Bend, Deduct	*-65.64*	
		For 60 Degree Bend, Deduct	*-38.70*	
26 05 36 00-2314	EA	36" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	163.01	23.74
		For 30 Degree Bend, Deduct	*-75.83*	
		For 60 Degree Bend, Deduct	*-44.71*	
26 05 36 00-2315		**45 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-2266)*		
26 05 36 00-2316	EA	6" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	97.81	10.26
		For 30 Degree Bend, Deduct	*-47.82*	
		For 60 Degree Bend, Deduct	*-28.35*	
26 05 36 00-2317	EA	9" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	107.64	11.80
		For 30 Degree Bend, Deduct	*-52.29*	
		For 60 Degree Bend, Deduct	*-30.98*	
26 05 36 00-2318	EA	12" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	116.98	14.63
		For 30 Degree Bend, Deduct	*-55.82*	
		For 60 Degree Bend, Deduct	*-33.00*	
26 05 36 00-2319	EA	18" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	138.73	16.29
		For 30 Degree Bend, Deduct	*-66.82*	
		For 60 Degree Bend, Deduct	*-39.55*	
26 05 36 00-2320	EA	24" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	168.52	19.88
		For 30 Degree Bend, Deduct	*-81.09*	
		For 60 Degree Bend, Deduct	*-47.99*	
26 05 36 00-2321	EA	30" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	193.89	23.74
		For 30 Degree Bend, Deduct	*-92.81*	
		For 60 Degree Bend, Deduct	*-54.90*	
26 05 36 00-2322	EA	36" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	218.55	25.66
		For 30 Degree Bend, Deduct	*-105.23*	
		For 60 Degree Bend, Deduct	*-62.28*	
26 05 36 00-2323		**90 Degree, 12" Radius Vertical Risers** *(26 05 36 00-2266)*		
26 05 36 00-2324	EA	6" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	60.25	8.21
26 05 36 00-2325	EA	9" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	62.94	9.62
26 05 36 00-2326	EA	12" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	70.01	11.41
26 05 36 00-2327	EA	18" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	82.72	13.99
26 05 36 00-2328	EA	24" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	91.93	18.09
26 05 36 00-2329	EA	30" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	97.26	20.65
26 05 36 00-2330	EA	36" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	117.01	24.63
26 05 36 00-2331		**90 Degree, 24" Radius Vertical Risers** *(26 05 36 00-2266)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2332	EA	6" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	68.57	9.11
26 05 36 00-2333	EA	9" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	75.90	10.65
26 05 36 00-2334	EA	12" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	84.37	12.83
26 05 36 00-2335	EA	18" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	101.66	15.39
26 05 36 00-2336	EA	24" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	116.23	19.88
26 05 36 00-2337	EA	30" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	146.35	23.74
26 05 36 00-2338	EA	36" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	163.08	27.97
26 05 36 00-2339		**90 Degree, 36" Radius Vertical Risers** *(26 05 36 00-2266)*		
26 05 36 00-2340	EA	6" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	78.78	10.26
26 05 36 00-2341	EA	9" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	95.76	11.80
26 05 36 00-2342	EA	12" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	112.29	14.63
26 05 36 00-2343	EA	18" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	133.98	16.29
26 05 36 00-2344	EA	24" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	163.81	22.71
26 05 36 00-2345	EA	30" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	203.77	26.82
26 05 36 00-2346	EA	36" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	222.24	30.79
26 05 36 00-2347		**12" Radius Horizontal Tees** *(26 05 36 00-2266)*		
26 05 36 00-2348	EA	6" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	98.33	13.34
26 05 36 00-2349	EA	9" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	106.41	15.39
26 05 36 00-2350	EA	12" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	120.34	18.09
26 05 36 00-2351	EA	18" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	141.17	20.52
26 05 36 00-2352	EA	24" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	174.89	23.74
26 05 36 00-2353	EA	30" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	216.05	34.13
26 05 36 00-2354	EA	36" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	260.65	40.93
26 05 36 00-2355		**24" Radius Horizontal Tees** *(26 05 36 00-2266)*		
26 05 36 00-2356	EA	6" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	146.83	13.99
26 05 36 00-2357	EA	9" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	164.84	16.29
26 05 36 00-2358	EA	12" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	186.42	19.24
26 05 36 00-2359	EA	18" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	217.20	22.07
26 05 36 00-2360	EA	24" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	330.04	25.66
26 05 36 00-2361	EA	30" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	382.46	38.49
26 05 36 00-2362	EA	36" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	432.79	47.34
26 05 36 00-2363		**36" Radius Horizontal Tees** *(26 05 36 00-2266)*		
26 05 36 00-2364	EA	6" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	250.01	14.63
26 05 36 00-2365	EA	9" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	258.86	17.07
26 05 36 00-2366	EA	12" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	288.38	20.52
26 05 36 00-2367	EA	18" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	326.96	23.74
26 05 36 00-2368	EA	24" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	412.46	27.97
26 05 36 00-2369	EA	30" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	484.38	44.13
26 05 36 00-2370	EA	36" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	556.16	55.81
26 05 36 00-2371		**12" Radius Horizontal Crosses** *(26 05 36 00-2266)*		
26 05 36 00-2372	EA	6" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	146.53	18.09
26 05 36 00-2373	EA	9" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	155.58	19.24
26 05 36 00-2374	EA	12" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	172.04	20.52
26 05 36 00-2375	EA	18" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	205.76	23.74
26 05 36 00-2376	EA	24" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	249.25	34.13
26 05 36 00-2377	EA	30" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	296.21	40.93
26 05 36 00-2378	EA	36" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	336.89	44.00
26 05 36 00-2379		**24" Radius Horizontal Crosses** *(26 05 36 00-2266)*		
26 05 36 00-2380	EA	6" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	260.13	19.24
26 05 36 00-2381	EA	9" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	278.88	20.52
26 05 36 00-2382	EA	12" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	300.32	22.07
26 05 36 00-2383	EA	18" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	349.04	25.66
26 05 36 00-2384	EA	24" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	429.90	38.49
26 05 36 00-2385	EA	30" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	506.31	47.34
26 05 36 00-2386	EA	36" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	548.49	51.19
26 05 36 00-2387		**36" Radius Horizontal Crosses** *(26 05 36 00-2266)*		
26 05 36 00-2388	EA	6" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	400.01	20.52
26 05 36 00-2389	EA	9" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	419.09	22.07
26 05 36 00-2390	EA	12" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	450.47	23.74
26 05 36 00-2391	EA	18" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	497.96	27.97
26 05 36 00-2392	EA	24" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	631.58	44.00
26 05 36 00-2393	EA	30" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	734.70	56.07
26 05 36 00-2394	EA	36" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	803.28	61.58

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2395		**Reducers** *(26 05 36 00-2266)*		
26 05 36 00-2396	EA	9" To 6" Reducer, Aluminum Cable Tray Covers	74.23	9.62
26 05 36 00-2397	EA	12" To 6" Reducer, Aluminum Cable Tray Covers	79.55	11.41
26 05 36 00-2398	EA	12" To 9" Reducer, Aluminum Cable Tray Covers	79.55	11.41
26 05 36 00-2399	EA	18" To 6" Reducer, Aluminum Cable Tray Covers	89.82	13.99
26 05 36 00-2400	EA	18" To 12" Reducer, Aluminum Cable Tray Covers	89.82	13.99
26 05 36 00-2401	EA	24" To 12" Reducer, Aluminum Cable Tray Covers	99.29	15.39
26 05 36 00-2402	EA	24" To 18" Reducer, Aluminum Cable Tray Covers	108.74	15.39
26 05 36 00-2403	EA	30" To 12" Reducer, Aluminum Cable Tray Covers	114.85	17.58
26 05 36 00-2404	EA	30" To 18" Reducer, Aluminum Cable Tray Covers	118.39	17.58
26 05 36 00-2405	EA	30" To 24" Reducer, Aluminum Cable Tray Covers	120.82	17.58
26 05 36 00-2406	EA	36" To 12" Reducer, Aluminum Cable Tray Covers	127.01	19.24
26 05 36 00-2407	EA	36" To 18" Reducer, Aluminum Cable Tray Covers	129.39	19.24
26 05 36 00-2408	EA	36" To 24" Reducer, Aluminum Cable Tray Covers	130.58	19.24
26 05 36 00-2409	EA	36" To 30" Reducer, Aluminum Cable Tray Covers	131.76	19.24
26 05 36 00-2410		**Galvanized Steel Dividers** *(26 05 36 00-2121)*		
26 05 36 00-2411		**Straight Dividers** *(26 05 36 00-2410)*		
26 05 36 00-2412	LF	3" Deep Galvanized Steel Divider Strip, Straight	11.53	3.08
26 05 36 00-2413	LF	4" Deep Galvanized Steel Divider Strip, Straight	13.58	3.34
26 05 36 00-2414	LF	6" Deep Galvanized Steel Divider Strip, Straight	16.77	3.85
26 05 36 00-2415		**3" Deep Vertical Dividers** *(26 05 36 00-2410)*		
26 05 36 00-2416	EA	Vertical Divider, 3" Deep, 12" Radius, 30 Degree, Steel Cable Tray	68.14	22.07
26 05 36 00-2417	EA	Vertical Divider, 3" Deep, 12" Radius, 45 Degree, Steel Cable Tray	77.45	22.84
26 05 36 00-2418	EA	Vertical Divider, 3" Deep, 12" Radius, 60 Degree, Steel Cable Tray	81.43	23.74
26 05 36 00-2419	EA	Vertical Divider, 3" Deep, 12" Radius, 90 Degree, Steel Cable Tray	93.46	24.63
26 05 36 00-2420	EA	Vertical Divider, 3" Deep, 24" Radius, 30 Degree, Steel Cable Tray	88.80	24.63
26 05 36 00-2421	EA	Vertical Divider, 3" Deep, 24" Radius, 45 Degree, Steel Cable Tray	96.28	25.66
26 05 36 00-2422	EA	Vertical Divider, 3" Deep, 24" Radius, 60 Degree, Steel Cable Tray	112.17	26.82
26 05 36 00-2423	EA	Vertical Divider, 3" Deep, 24" Radius, 90 Degree, Steel Cable Tray	138.69	27.97
26 05 36 00-2424	EA	Vertical Divider, 3" Deep, 36" Radius, 30 Degree, Steel Cable	110.74	27.97
26 05 36 00-2425	EA	Vertical Divider, 3" Deep, 36" Radius, 45 Degree, Steel Cable Tray	123.40	29.38
26 05 36 00-2426	EA	Vertical Divider, 3" Deep, 36" Radius, 60 Degree, Steel Cable Tray	138.65	30.79
26 05 36 00-2427	EA	Vertical Divider, 3" Deep, 36" Radius, 90 Degree, Steel Cable Tray	175.10	32.46
26 05 36 00-2428		**4" Deep Vertical Dividers** *(26 05 36 00-2410)*		
26 05 36 00-2429	EA	Vertical Divider, 4" Deep, 12" Radius, 30 Degree, Steel Cable Tray	78.03	22.84
26 05 36 00-2430	EA	Vertical Divider, 4" Deep, 12" Radius, 45 Degree, Steel Cable Tray	86.08	23.74
26 05 36 00-2431	EA	Vertical Divider, 4" Deep, 12" Radius, 60 Degree, Steel Cable Tray	93.46	24.63
26 05 36 00-2432	EA	Vertical Divider, 4" Deep, 12" Radius, 90 Degree, Steel Cable Tray	106.76	25.66
26 05 36 00-2433	EA	Vertical Divider, 4" Deep, 24" Radius, 30 Degree, Steel Cable Tray	106.76	25.66
26 05 36 00-2434	EA	Vertical Divider, 4" Deep, 24" Radius, 45 Degree, Steel Cable Tray	124.98	26.82
26 05 36 00-2435	EA	Vertical Divider, 4" Deep, 24" Radius, 60 Degree, Steel Cable Tray	137.52	27.97
26 05 36 00-2436	EA	Vertical Divider, 4" Deep, 24" Radius, 90 Degree, Steel Cable Tray	169.97	29.38
26 05 36 00-2437	EA	Vertical Divider, 4" Deep, 36" Radius, 30 Degree, Steel Cable Tray	119.16	26.82
26 05 36 00-2438	EA	Vertical Divider, 4" Deep, 36" Radius, 45 Degree, Steel Cable Tray	131.70	27.97
26 05 36 00-2439	EA	Vertical Divider, 4" Deep, 36" Radius, 60 Degree, Steel Cable Tray	156.00	29.38
26 05 36 00-2440	EA	Vertical Divider, 4" Deep, 36" Radius, 90 Degree, Steel Cable Tray	196.87	30.79
26 05 36 00-2441		**6" Deep Vertical Dividers** *(26 05 36 00-2410)*		
26 05 36 00-2442	EA	Vertical Divider, 6" Deep, 12" Radius, 30 Degree, Steel Cable Tray	86.38	25.66
26 05 36 00-2443	EA	Vertical Divider, 6" Deep, 12" Radius, 45 Degree, Steel Cable Tray	93.54	26.82
26 05 36 00-2444	EA	Vertical Divider, 6" Deep, 12" Radius, 60 Degree, Steel Cable Tray	102.59	27.97
26 05 36 00-2445	EA	Vertical Divider, 6" Deep, 12" Radius, 90 Degree, Steel Cable Tray	118.74	29.38
26 05 36 00-2446	EA	Vertical Divider, 6" Deep, 24" Radius, 30 Degree, Steel Cable Tray	108.68	26.82
26 05 36 00-2447	EA	Vertical Divider, 6" Deep, 24" Radius, 45 Degree, Steel Cable Tray	127.04	27.97
26 05 36 00-2448	EA	Vertical Divider, 6" Deep, 24" Radius, 60 Degree, Steel Cable Tray	140.87	29.38
26 05 36 00-2449	EA	Vertical Divider, 6" Deep, 24" Radius, 90 Degree, Steel Cable Tray	172.41	30.79
26 05 36 00-2450	EA	Vertical Divider, 6" Deep, 36" Radius, 30 Degree, Steel Cable Tray	121.22	27.97
26 05 36 00-2451	EA	Vertical Divider, 6" Deep, 36" Radius, 45 Degree, Steel Cable Tray	140.87	29.38
26 05 36 00-2452	EA	Vertical Divider, 6" Deep, 36" Radius, 60 Degree, Steel Cable Tray	172.41	30.79
26 05 36 00-2453	EA	Vertical Divider, 6" Deep, 36" Radius, 90 Degree, Steel Cable Tray	210.04	32.46
26 05 36 00-2454		**Horizontal Dividers** *(26 05 36 00-2410)*		
26 05 36 00-2455	EA	3" Deep Horizontal Fitting Divider Strip, Steel Cable Tray	75.87	18.60
26 05 36 00-2456	EA	4" Deep Horizontal Fitting Divider Strip, Steel Cable Tray	84.32	20.52
26 05 36 00-2457	EA	6" Deep Horizontal Fitting Divider Strip, Steel Cable Tray	102.02	22.84
26 05 36 00-2458		**Aluminum Dividers** *(26 05 36 00-2121)*		
26 05 36 00-2459		**Straight Dividers** *(26 05 36 00-2458)*		
26 05 36 00-2460	LF	3" Deep Aluminum Divider Strip, Straight	11.41	2.95

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2461	LF	4" Deep Aluminum Divider Strip, Straight	13.47	3.21
26 05 36 00-2462	LF	6" Deep Aluminum Divider Strip, Straight	16.60	3.59
26 05 36 00-2463		**3" Deep Vertical Dividers** *(26 05 36 00-2458)*		
26 05 36 00-2464	EA	Vertical Divider, 3" Deep, 12" Radius, 30 Degree, Aluminum Cable Tray	61.43	21.29
26 05 36 00-2465	EA	Vertical Divider, 3" Deep, 12" Radius, 45 Degree, Aluminum Cable Tray	67.38	22.07
26 05 36 00-2466	EA	Vertical Divider, 3" Deep, 12" Radius, 60 Degree, Aluminum Cable Tray	73.89	22.84
26 05 36 00-2467	EA	Vertical Divider, 3" Deep, 12" Radius, 90 Degree, Aluminum Cable Tray	84.96	23.74
26 05 36 00-2468	EA	Vertical Divider, 3" Deep, 24" Radius, 30 Degree, Aluminum Cable Tray	82.69	23.74
26 05 36 00-2469	EA	Vertical Divider, 3" Deep, 24" Radius, 45 Degree, Aluminum Cable Tray	91.06	24.63
26 05 36 00-2470	EA	Vertical Divider, 3" Deep, 24" Radius, 60 Degree, Aluminum Cable Tray	105.22	25.66
26 05 36 00-2471	EA	Vertical Divider, 3" Deep, 24" Radius, 90 Degree, Aluminum Cable Tray	129.86	26.82
26 05 36 00-2472	EA	Vertical Divider, 3" Deep, 36" Radius, 30 Degree, Aluminum Cable Tray	110.54	26.82
26 05 36 00-2473	EA	Vertical Divider, 3" Deep, 36" Radius, 45 Degree, Aluminum Cable Tray	131.92	27.97
26 05 36 00-2474	EA	Vertical Divider, 3" Deep, 36" Radius, 60 Degree, Aluminum Cable Tray	159.10	29.38
26 05 36 00-2475	EA	Vertical Divider, 3" Deep, 36" Radius, 90 Degree, Aluminum Cable Tray	195.63	30.79
26 05 36 00-2476		**4" Deep Vertical Dividers** *(26 05 36 00-2458)*		
26 05 36 00-2477	EA	Vertical Divider, 4" Deep, 12" Radius, 30 Degree, Aluminum Cable Tray	73.40	22.07
26 05 36 00-2478	EA	Vertical Divider, 4" Deep, 12" Radius, 45 Degree, Aluminum Cable Tray	80.59	22.84
26 05 36 00-2479	EA	Vertical Divider, 4" Deep, 12" Radius, 60 Degree, Aluminum Cable Tray	88.37	23.74
26 05 36 00-2480	EA	Vertical Divider, 4" Deep, 12" Radius, 90 Degree, Aluminum Cable Tray	99.01	24.63
26 05 36 00-2481	EA	Vertical Divider, 4" Deep, 24" Radius, 30 Degree, Aluminum Cable Tray	97.87	24.63
26 05 36 00-2482	EA	Vertical Divider, 4" Deep, 24" Radius, 45 Degree, Aluminum Cable Tray	113.17	25.66
26 05 36 00-2483	EA	Vertical Divider, 4" Deep, 24" Radius, 60 Degree, Aluminum Cable Tray	127.59	26.82
26 05 36 00-2484	EA	Vertical Divider, 4" Deep, 24" Radius, 90 Degree, Aluminum Cable Tray	160.33	27.97
26 05 36 00-2485	EA	Vertical Divider, 4" Deep, 36" Radius, 30 Degree, Aluminum Cable Tray	131.35	25.66
26 05 36 00-2486	EA	Vertical Divider, 4" Deep, 36" Radius, 45 Degree, Aluminum Cable Tray	158.27	26.82
26 05 36 00-2487	EA	Vertical Divider, 4" Deep, 36" Radius, 60 Degree, Aluminum Cable Tray	185.33	27.97
26 05 36 00-2488	EA	Vertical Divider, 4" Deep, 36" Radius, 90 Degree, Aluminum Cable Tray	223.87	29.38
26 05 36 00-2489		**6" Deep Vertical Dividers** *(26 05 36 00-2458)*		
26 05 36 00-2490	EA	Vertical Divider, 6" Deep, 12" Radius, 30 Degree, Aluminum Cable Tray	81.28	24.63
26 05 36 00-2491	EA	Vertical Divider, 6" Deep, 12" Radius, 45 Degree, Aluminum Cable Tray	90.44	25.66
26 05 36 00-2492	EA	Vertical Divider, 6" Deep, 12" Radius, 60 Degree, Aluminum Cable Tray	94.64	26.82
26 05 36 00-2493	EA	Vertical Divider, 6" Deep, 12" Radius, 90 Degree, Aluminum Cable Tray	105.79	27.97
26 05 36 00-2494	EA	Vertical Divider, 6" Deep, 24" Radius, 30 Degree, Aluminum Cable Tray	101.81	25.66
26 05 36 00-2495	EA	Vertical Divider, 6" Deep, 24" Radius, 45 Degree, Aluminum Cable Tray	125.32	26.82
26 05 36 00-2496	EA	Vertical Divider, 6" Deep, 24" Radius, 60 Degree, Aluminum Cable Tray	135.33	27.97
26 05 36 00-2497	EA	Vertical Divider, 6" Deep, 24" Radius, 90 Degree, Aluminum Cable Tray	169.33	29.38
26 05 36 00-2498	EA	Vertical Divider, 6" Deep, 36" Radius, 30 Degree, Aluminum Cable Tray	134.41	26.82
26 05 36 00-2499	EA	Vertical Divider, 6" Deep, 36" Radius, 45 Degree, Aluminum Cable Tray	167.15	27.97
26 05 36 00-2500	EA	Vertical Divider, 6" Deep, 36" Radius, 60 Degree, Aluminum Cable Tray	190.92	29.38
26 05 36 00-2501	EA	Vertical Divider, 6" Deep, 36" Radius, 90 Degree, Aluminum Cable Tray	221.76	30.79
26 05 36 00-2502		**Horizontal Dividers** *(26 05 36 00-2458)*		
26 05 36 00-2503	EA	3" Deep Horizontal Fitting Divider Strip, Aluminum Cable Tray	70.74	17.58
26 05 36 00-2504	EA	4" Deep Horizontal Fitting Divider Strip, Aluminum Cable Tray	77.53	19.24
26 05 36 00-2505	EA	6" Deep Horizontal Fitting Divider Strip, Aluminum Cable Tray	95.63	21.29
26 05 36 00-2506		**Cable Tray Wall Brackets** *(26 05 36 00-0001)*		
26 05 36 00-2507		**Wall Brackets** *(26 05 36 00-2506)*		
26 05 36 00-2508	EA	6" Wide Cable Tray Wall Bracket	93.45	25.66
26 05 36 00-2509	EA	9" Wide Cable Tray Wall Bracket	96.82	26.82
26 05 36 00-2510	EA	12" Wide Cable Tray Wall Bracket	106.13	27.97
26 05 36 00-2511	EA	18" Wide Cable Tray Wall Bracket	112.66	29.38
26 05 36 00-2512	EA	24" Wide Cable Tray Wall Bracket	122.35	30.79
26 05 36 00-2513	EA	30" Wide Cable Tray Wall Bracket	145.32	32.46
26 05 36 00-2514	EA	36" Wide Cable Tray Wall Bracket	173.69	34.64

26 05 39 Underfloor Raceways for Electrical Systems *(26 05)*

26 05 39 00-0001 Underfloor Ducts *(26 05 39)*

26 05 39 00-0002 Straight Duct Sections 10' Long, 14 Gauge Steel *(26 05 39 00-0001)*

26 05 39 00-0003 Standard Ducts, 3.8 Square Inches *(26 05 39 00-0002)*

26 05 39 00-0004	EA	Standard Underfloor Straight Duct Blank Without Inserts, 10' Long, 14 Gauge, 3.8 Square Inches	114.55	22.58
26 05 39 00-0005	EA	Standard Underfloor Straight Duct With 7/8" Inserts On 24" Centers, 10' Long, 14 Gauge, 3.8 Square Inches	144.56	26.43

26 05 39 00-0006 Large Capacity Ducts, 8.9 Square Inches *(26 05 39 00-0002)*

26 05 39 00-0007	EA	Large Capacity Underfloor Straight Duct Blank Without Inserts, 10' Long, 14 Gauge, 8.9 Square Inches	192.37	28.61

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 39 00-0008	EA	Large Capacity Underfloor Straight Duct With 7/8" Inserts On 24" Centers, 10' Long, 14 Gauge, 8.9 Square Inches	220.52	31.69
26 05 39 00-0009		Junction Boxes *(26 05 39 00-0001)*		
26 05 39 00-0010		One Level Junction Boxes *(26 05 39 00-0009)*		
26 05 39 00-0011	EA	1 Level UF Duct Junction Box, 1 Standard Duct Without Partitions In Box	293.01	44.90
26 05 39 00-0012	EA	1 Level UF Duct Junction Box, 1 Large Duct Without Partitions In Box	332.19	48.11
26 05 39 00-0013	EA	1 Level UF Duct Junction Box, 1 Standard And Large Duct Per Side With Partitions In Box. Note: Isolate each duct and form a continuous raceway through the box in both directions.	539.74	44.90
26 05 39 00-0014	EA	1 Level UF Duct Junction Box, 2 Standard Ducts Per Side With Partitions In Box	364.37	48.11
26 05 39 00-0015	EA	1 Level UF Duct Junction Box, 3 Standard Ducts Per Side With Partitions In Box	580.49	63.25
26 05 39 00-0016	EA	1 Level UF Duct Junction Box, 2 Large Ducts Per Side With Partitions In Box Duct	817.83	68.76
26 05 39 00-0017		Two Level Junction Boxes *(26 05 39 00-0009)*		
26 05 39 00-0018	EA	2 Level UF Duct Junction Box, 2 Standard Duct Cross, Intersects At Right Angles, Raceway Bottom Level. Note: Accepts two standard ducts to form a continuous raceway at right angles to the top level raceway.	1,255.88	45.41
26 05 39 00-0019	EA	2 Level UF Duct Junction Box, 2 Large Duct Bottom Level: Accepts Two Large Capacity Ducts	1,445.69	48.11
26 05 39 00-0020		Elbow Fittings *(26 05 39 00-0001)*		
26 05 39 00-0021		90 Degree Horizontal Elbow *(26 05 39 00-0020)*		
26 05 39 00-0022	EA	Underfloor Standard Duct Horizontal Elbow Fitting, 90 Degree	144.01	16.55
26 05 39 00-0023	EA	Underfloor Large Duct Horizontal Elbow Fitting, 90 Degree	148.43	16.55
26 05 39 00-0024		90 Degree Vertical Elbow *(26 05 39 00-0020)*		
26 05 39 00-0025	EA	Underfloor Standard Duct Vertical Elbow Fitting, 90 Degree	79.65	16.55
26 05 39 00-0026	EA	Underfloor Large Duct Vertical Elbow Fitting, 90 Degree	81.42	16.55
26 05 39 00-0027		Offset Elbow *(26 05 39 00-0020)* Note: Two elbows required for crossover or crossunder.		
26 05 39 00-0028	EA	Underfloor Standard Duct Offset Elbow 45 Degree, 2 Required For Over-Under	79.65	19.24
26 05 39 00-0029	EA	Underfloor Large Duct Offset Elbow 45 Degree, 2 Required For Over-Under	81.42	19.24
26 05 39 00-0030		Couplings *(26 05 39 00-0001)*		
26 05 39 00-0031		Sleeve Couplings *(26 05 39 00-0030)*		
26 05 39 00-0032	EA	Underfloor Standard Duct Sleeve Coupling	50.32	25.66
26 05 39 00-0033	EA	Underfloor Large Duct Sleeve Coupling	77.99	25.66
26 05 39 00-0034		Expansion Couplings *(26 05 39 00-0030)*		
26 05 39 00-0035	EA	Underfloor Standard Duct Expansion Coupling	113.71	25.66
26 05 39 00-0036	EA	Underfloor Large Duct Expansion Coupling	115.92	27.07
26 05 39 00-0037		Reducing Couplings *(26 05 39 00-0030)*		
26 05 39 00-0038	EA	Reducing Coupling, Large To Standard Duct Underfloor Duct Coupling	113.27	3.85
26 05 39 00-0039		Duct Supports *(26 05 39 00-0001)*		
26 05 39 00-0040		Combination Support And Coupling *(26 05 39 00-0039)* Note: Includes leveling legs and anchoring feet.		
26 05 39 00-0041	EA	1 Standard Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet	115.24	53.88
26 05 39 00-0042	EA	2 Standard Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet	128.36	53.88
26 05 39 00-0043	EA	3 Standard Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet	141.58	53.88
26 05 39 00-0044	EA	1 Large Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet	128.36	60.30
26 05 39 00-0045	EA	2 Large Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet	155.09	60.30
26 05 39 00-0046	EA	1 Standard And 1 Large Duct Support And Coupling With Leveling Legs And Anchor Feet	141.58	64.14
26 05 39 00-0047	EA	2 Standard And 1 Large Duct Support And Coupling With Leveling Legs And Anchor Feet	141.58	64.14
26 05 39 00-0048	EA	1 Standard And 2 Large Duct Support And Coupling With Leveling Legs And Anchor Feet	155.09	64.14
26 05 39 00-0049		Duct Support Only *(26 05 39 00-0039)* Note: Includes leveling legs and anchoring feet.		
26 05 39 00-0050	EA	1 Underfloor Duct Support Only With Leveling Legs And Anchor Feet	104.10	47.47
26 05 39 00-0051	EA	2 Underfloor Duct Support Only With Leveling Legs And Anchor Feet	122.50	47.47
26 05 39 00-0052	EA	3 Underfloor Duct Support Only With Leveling Legs And Anchor Feet	142.37	47.47
26 05 39 00-0053		Underfloor Duct Accessories *(26 05 39 00-0001)*		
26 05 39 00-0054		Plugs For Unused Junction Box Openings And Duct Ends *(26 05 39 00-0053)*		
26 05 39 00-0055	EA	Standard Plugs For Unused Junction Box Opening And Underfloor Duct Ends	30.54	3.85

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 39 00-0056	EA	Large Plugs For Unused Junction Box Opening And Underfloor Duct Ends	31.22	3.85
26 05 39 00-0057		**Conduit Adapters** *(26 05 39 00-0053)*		
26 05 39 00-0058	EA	One 1-1/4" Conduit To Standard Duct Underfloor Conduit To Duct, Adapter	42.87	6.41
26 05 39 00-0059	EA	Two 1-1/4" Conduit To Standard Duct Underfloor Conduit To Duct, Adapter	45.53	6.41
26 05 39 00-0060	EA	One 2" Conduit To Standard Duct Underfloor Conduit To Duct, Adapter	44.20	6.41
26 05 39 00-0061	EA	Three 1-1/4" Conduit To Large Duct Underfloor Conduit To Duct, Adapter	45.55	6.41
26 05 39 00-0062		**Holders And Caps** *(26 05 39 00-0053)*		
26 05 39 00-0063	EA	Tile Holder, Underfloor Duct Accessories	275.22	53.88
26 05 39 00-0064	EA	Terrazzo Holder, Underfloor Duct Accessories	530.20	53.88
26 05 39 00-0065	EA	Closing Caps For Inserts, Underfloor Duct Accessories	3.55	1.28
26 05 39 00-0066		**Underfloor Dust Pans** *(26 05 39 00-0001)*		
26 05 39 00-0067	EA	Underfloor Dust Carpet Pan	121.24	7.04

26 05 43 Underground Ducts and Raceways for Electrical Systems *(26 05)*

Note: Includes warning tape. See CSI section 33 71 19 23-0000 for underground trenched ductbank.

26 05 53 Identification for Electrical Systems *(26 05)*

26 05 53 00-0001		**Conduit Markers Pressure-Sensitive** *(26 05 53)* Note: Stick-on, includes arrow tape.		
26 05 53 00-0002	EA	1/2" Outside Diameter Pressure Sensitive Marker Stick-on	14.53	
26 05 53 00-0003	EA	3/4" Outside Diameter Pressure Sensitive Marker Stick-on	15.17	
26 05 53 00-0004	EA	1" Outside Diameter Pressure Sensitive Marker Stick-on	16.47	
26 05 53 00-0005	EA	1-1/4" Outside Diameter Pressure Sensitive Marker Stick-on	16.72	
26 05 53 00-0006	EA	1-1/2" Outside Diameter Pressure Sensitive Marker Stick-on	16.97	
26 05 53 00-0007	EA	2" Outside Diameter Pressure Sensitive Marker Stick-on	17.36	
26 05 53 00-0008	EA	2-1/2" Outside Diameter Pressure Sensitive Marker Stick-on	20.42	
26 05 53 00-0009	EA	3" Outside Diameter Pressure Sensitive Marker Stick-on	20.93	
26 05 53 00-0010	EA	3-1/2" Outside Diameter Pressure Sensitive Marker Stick-on	21.31	
26 05 53 00-0011	EA	4" Outside Diameter Pressure Sensitive Marker Stick-on	21.71	
26 05 53 00-0012	EA	4-1/2" Outside Diameter Pressure Sensitive Marker Stick-on	22.52	
26 05 53 00-0013	EA	5" Outside Diameter Pressure Sensitive Marker Stick-on	23.37	
26 05 53 00-0014	EA	6" Outside Diameter Pressure Sensitive Marker Stick-on	24.13	
26 05 53 00-0015	EA	7" Outside Diameter Pressure Sensitive Marker Stick-on	24.89	
26 05 53 00-0016	EA	8" Outside Diameter Pressure Sensitive Marker Stick-on	27.37	
26 05 53 00-0017	EA	10" Outside Diameter Pressure Sensitive Marker Stick-on	28.77	
26 05 53 00-0018		**Labeling Existing Electrical Wires** *(26 05 53)* Note: Self-adhesive vinyl coated white cloth		
26 05 53 00-0019	EA	Labeling Existing Wire	3.94	
26 05 53 00-0020		**Equipment Labeling** *(26 05 53)*		
26 05 53 00-0021	EA	Label Both Ends Of One 4 Pair Cable	25.25	
26 05 53 00-0022	EA	Label single gang face plate (2 labels required)	20.20	
26 05 53 00-0023	EA	Label two gang face plate (4 labels required)	30.30	
26 05 53 00-0024	EA	Label both ends of a Siamese (dual 4 Pair cable)	25.25	

26 05 83 Wiring Connections *(26 05)*

26 05 83 00-0001		**Tape Wrapped Compression Connectors** *(26 05 83)*		
26 05 83 00-0002	EA	#6 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	17.23	5.77
26 05 83 00-0003	EA	#4 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	18.90	6.41
26 05 83 00-0004	EA	#2 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	20.47	7.05
26 05 83 00-0005	EA	1/0 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	23.69	7.70
26 05 83 00-0006	EA	2/0 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	25.50	8.34
26 05 83 00-0007	EA	3/0 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	28.28	8.98
26 05 83 00-0008	EA	4/0 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	30.31	9.62
26 05 83 00-0009	EA	250 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	33.02	10.26
26 05 83 00-0010	EA	300 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	36.55	11.54
26 05 83 00-0011	EA	350 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	38.33	12.19
26 05 83 00-0012	EA	400 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	42.69	12.83
26 05 83 00-0013	EA	500 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	46.49	13.47
26 05 83 00-0014	EA	750 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	51.97	14.75
26 05 83 00-0015	EA	1,000 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	60.31	16.67
26 05 83 00-0016		**One Hole Compression Lugs** *(26 05 83)*		
26 05 83 00-0017	EA	#22-18 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	22.22	16.67
26 05 83 00-0018	EA	#16-14 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	22.39	16.67
26 05 83 00-0019	EA	#12-10 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	25.34	17.96

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 83 00-0020	EA	#8 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	31.48	19.88
26 05 83 00-0021	EA	#6 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	44.15	25.66
26 05 83 00-0022	EA	#4 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	51.62	25.66
26 05 83 00-0023	EA	#2 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	59.39	25.66
26 05 83 00-0024	EA	1/0 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	73.08	38.49
26 05 83 00-0025	EA	2/0 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	85.59	38.49
26 05 83 00-0026	EA	3/0 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	100.12	38.49
26 05 83 00-0027	EA	4/0 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	120.70	51.32
26 05 83 00-0028	EA	250 MCM Low Voltage (To 600 Volt) One Hole Compression Lug	143.12	76.98
26 05 83 00-0029	EA	300 MCM Low Voltage (To 600 Volt) One Hole Compression Lug	163.73	76.98
26 05 83 00-0030	EA	350 MCM Low Voltage (To 600 Volt) One Hole Compression Lug	175.96	76.98
26 05 83 00-0031	EA	400 MCM Low Voltage (To 600 Volt) One Hole Compression Lug	191.70	89.81
26 05 83 00-0032	EA	500 MCM Low Voltage (To 600 Volt) One Hole Compression Lug	209.62	89.81
26 05 83 00-0033	EA	750 MCM Low Voltage (To 600 Volt) One Hole Compression Lug	227.77	102.63
26 05 83 00-0034	EA	1,000 MCM Low Voltage (To 600 Volt) One Hole Compression Lug	268.15	115.46

26 05 83 00-0035 Tape Wrapped Split Bolt Connectors *(26 05 83)*

26 05 83 00-0036	EA	#8 AWG Split Bolt Connectors, Tape Wrapped, Low Voltage, To 600 Volt	67.68	51.32
26 05 83 00-0037	EA	#6 AWG Split Bolt Connectors, Tape Wrapped, Low Voltage, To 600 Volt	74.43	55.17
26 05 83 00-0038	EA	#4 AWG Split Bolt Connectors, Tape Wrapped, Low Voltage, To 600 Volt	84.87	57.73
26 05 83 00-0039	EA	#2 AWG Split Bolt Connectors, Tape Wrapped, Low Voltage, To 600 Volt	98.62	64.14
26 05 83 00-0040	EA	1/0 AWG Split Bolt Connectors, Tape Wrapped, Low Voltage, To 600 Volt	116.52	70.57
26 05 83 00-0041	EA	2/0 AWG Split Bolt Connectors, Tape Wrapped, Low Voltage, To 600 Volt	130.96	76.98
26 05 83 00-0042	EA	3/0 AWG Split Bolt Connectors, Tape Wrapped, Low Voltage, To 600 Volt	163.80	83.39
26 05 83 00-0043	EA	4/0 AWG Split Bolt Connectors, Tape Wrapped, Low Voltage, To 600 Volt	175.75	89.81
26 05 83 00-0044	EA	250 MCM Split Bolt Connectors, Tape Wrapped, Low Voltage, To 600 Volt	185.27	96.22
26 05 83 00-0045	EA	300 MCM Split Bolt Connectors, Tape Wrapped, Low Voltage, To 600 Volt	211.85	105.84
26 05 83 00-0046	EA	350 MCM Split Bolt Connectors, Tape Wrapped, Low Voltage, To 600 Volt	238.41	153.95
26 05 83 00-0047	EA	400 MCM Split Bolt Connectors, Tape Wrapped, Low Voltage, To 600 Volt	261.31	128.30
26 05 83 00-0048	EA	500 MCM Split Bolt Connectors, Tape Wrapped, Low Voltage, To 600 Volt	284.20	173.20
26 05 83 00-0049	EA	750 MCM Split Bolt Connectors, Tape Wrapped, Low Voltage, To 600 Volt	316.15	179.62
26 05 83 00-0050	EA	1,000 MCM Split Bolt Connectors, Tape Wrapped, Low Voltage, To 600 Volt	358.91	192.44

26 05 83 00-0051 Cable Termination Lugs Handwrapped, No Stress Cone *(26 05 83)*

26 05 83 00-0052	EA	#8 Or #6 AWG Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volt	113.03	51.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*26.94*	
26 05 83 00-0053	EA	#4 AWG Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volt	125.63	51.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.55*	
26 05 83 00-0054	EA	1/0 AWG Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volt	173.82	76.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*42.77*	
26 05 83 00-0055	EA	4/0 AWG Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volt	197.16	76.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.34*	
26 05 83 00-0056	EA	300 MCM Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volt	236.08	96.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*58.32*	
26 05 83 00-0057	EA	500 MCM Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volt	330.21	128.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*80.18*	

26 05 83 00-0058 Parallel Gutter Tap Or Motor Connection *(26 05 83)*

26 05 83 00-0059	EA	#8 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	45.43	23.22
26 05 83 00-0060	EA	#6 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	48.82	23.22
26 05 83 00-0061	EA	#4 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	51.42	23.22
26 05 83 00-0062	EA	#2 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	59.17	26.69
26 05 83 00-0063	EA	1/0 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	72.85	33.36
26 05 83 00-0064	EA	2/0 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	85.35	39.64
26 05 83 00-0065	EA	3/0 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	99.85	46.45
26 05 83 00-0066	EA	4/0 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	120.39	56.32
26 05 83 00-0067	EA	250 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	142.76	66.84
26 05 83 00-0068	EA	300 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	163.32	76.34
26 05 83 00-0069	EA	350 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	175.52	82.24
26 05 83 00-0070	EA	400 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	191.19	89.04
26 05 83 00-0071	EA	500 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	209.04	97.25
26 05 83 00-0072	EA	750 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	209.56	97.25
26 05 83 00-0073	EA	#8 AWG Parallel Gutter Tap, Versitap, Insulating Cover	45.43	23.22
26 05 83 00-0074	EA	#6 AWG Parallel Gutter Tap, Versitap, Insulating Cover	48.82	23.22
26 05 83 00-0075	EA	#4 AWG Parallel Gutter Tap, Versitap, Insulating Cover	51.42	23.22
26 05 83 00-0076	EA	#2 AWG Parallel Gutter Tap, Versitap, Insulating Cover	59.17	26.69
26 05 83 00-0077	EA	1/0 AWG Parallel Gutter Tap, Versitap, Insulating Cover	72.85	33.36
26 05 83 00-0078	EA	2/0 AWG Parallel Gutter Tap, Versitap, Insulating Cover	85.35	39.64
26 05 83 00-0079	EA	3/0 AWG Parallel Gutter Tap, Versitap, Insulating Cover	99.85	46.45
26 05 83 00-0080	EA	4/0 AWG Parallel Gutter Tap, Versitap, Insulating Cover	120.39	56.32
26 05 83 00-0081	EA	250 MCM Parallel Gutter Tap, Versitap, Insulating Cover	142.76	66.84
26 05 83 00-0082	EA	300 MCM Parallel Gutter Tap, Versitap, Insulating Cover	163.32	76.34
26 05 83 00-0083	EA	350 MCM Parallel Gutter Tap, Versitap, Insulating Cover	175.52	82.24
26 05 83 00-0084	EA	400 MCM Parallel Gutter Tap, Versitap, Insulating Cover	191.19	89.04
26 05 83 00-0085	EA	500 MCM Parallel Gutter Tap, Versitap, Insulating Cover	209.04	97.25
26 05 83 00-0086	EA	750 MCM Parallel Gutter Tap, Versitap, Insulating Cover	209.56	97.25

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

26 05 83 00-0087 Copper Mechanical Lugs *(26 05 83)*

26 05 83 00-0088	EA	#8 Copper Mechanical Lugs	36.27	16.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.62*	
26 05 83 00-0089	EA	#6 Copper Mechanical Lugs	43.54	19.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.62*	
26 05 83 00-0090	EA	#4 Copper Mechanical Lugs	50.30	22.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.47*	
26 05 83 00-0091	EA	#2 Copper Mechanical Lugs	65.78	28.61
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.18*	
26 05 83 00-0092	EA	1/0 Copper Mechanical Lugs	88.57	38.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.09*	
26 05 83 00-0093	EA	2/0 Copper Mechanical Lugs	105.50	44.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*26.83*	
26 05 83 00-0094	EA	3/0 Copper Mechanical Lugs	123.29	51.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.79*	
26 05 83 00-0095	EA	4/0 Copper Mechanical Lugs	140.28	57.60
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.53*	
26 05 83 00-0096	EA	250 MCM Copper Mechanical Lugs	160.50	64.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.49*	
26 05 83 00-0097	EA	300 MCM Copper Mechanical Lugs	180.41	70.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*42.35*	
26 05 83 00-0098	EA	350 MCM Copper Mechanical Lugs	200.24	76.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*46.19*	
26 05 83 00-0099	EA	400 MCM Copper Mechanical Lugs	219.92	83.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*50.00*	
26 05 83 00-0100	EA	500 MCM Copper Mechanical Lugs	239.94	89.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*53.88*	
26 05 83 00-0101	EA	750 MCM Copper Mechanical Lugs	271.98	102.25
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*61.39*	
26 05 83 00-0102	EA	1,000 MCM Copper Mechanical Lugs	307.89	115.46
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.28*	

26 05 83 00-0103 Gel Connectors *(26 05 83)*

26 05 83 00-0104	EA	3 Port, #14 to 2/0, Push On Gel Stub Splice Kit Note: Kit contains connector, gel filled cap and cap clamp.	69.80	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.86*	
26 05 83 00-0105	EA	4 Port, #14 to 2, Gel Tap Splice Kit	67.36	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.63*	

26 05 83 00-0106 Other Connections *(26 05 83)*

26 05 83 00-0107	EA	#14 AWG Motor Connection, Spade Lug, Machine Bolt/Nut, Insulated With Tape	12.79	5.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.52*	
26 05 83 00-0108	EA	#12 AWG Motor Connection, Spade Lug, Machine Bolt/Nut, Insulated With Tape	12.90	5.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.52*	
26 05 83 00-0109	EA	#10 AWG Motor Connection, Spade Lug, Machine Bolt/Nut, Insulated With Tape	13.01	5.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.52*	

26 05 83 00-0110 Motor/Equipment Connections And Terminations *(26 05 83)*

Note: Includes rotation testing. If equipment rating is other than horsepower (KW, CFM, tons, Btu/Hr, etc.) convert units to horsepower and select proper circuit characteristics. Includes material conduit (6 LF max.), connectors and conductors. To connect electrical wiring to all new or existing equipment motors. See CSI section 23 05 13 00-0000 for motors, 23 05 13 00-0216 for motor mounting.

26 05 83 00-0111 AC Single Phase, 230 Volt *(26 05 83 00-0110)*

26 05 83 00-0112	EA	<1/2 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	77.57	32.08
26 05 83 00-0113	EA	1/2 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	77.12	32.08
26 05 83 00-0114	EA	3/4 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	90.50	38.49
26 05 83 00-0115	EA	1 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	110.73	48.11
26 05 83 00-0116	EA	1-1/2 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	111.64	48.11
26 05 83 00-0117	EA	2 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	111.82	48.11
26 05 83 00-0118	EA	3 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	114.79	48.11
26 05 83 00-0119	EA	5 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	147.23	64.14
26 05 83 00-0120	EA	7-1/2 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	150.57	64.14
26 05 83 00-0121	EA	10 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	190.11	80.19

26 05 83 00-0122 AC Three Phase, 230 Volt *(26 05 83 00-0110)*

26 05 83 00-0123	EA	1/2 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	77.12	32.08
26 05 83 00-0124	EA	3/4 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	90.50	38.49
26 05 83 00-0125	EA	1 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	110.73	48.11
26 05 83 00-0126	EA	1-1/2 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	111.64	48.11
26 05 83 00-0127	EA	2 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	111.82	48.11
26 05 83 00-0128	EA	3 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	114.79	48.11
26 05 83 00-0129	EA	5 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	147.23	64.14
26 05 83 00-0130	EA	7-1/2 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	150.57	64.14
26 05 83 00-0131	EA	10 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	190.11	80.19
26 05 83 00-0132	EA	15 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	194.62	80.19
26 05 83 00-0133	EA	20 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	244.46	96.22
26 05 83 00-0134	EA	25 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	251.32	96.22

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 83 00-0135	EA	30 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	342.24	128.30
26 05 83 00-0136	EA	40 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	428.92	160.36
26 05 83 00-0137	EA	50 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	506.24	192.44
26 05 83 00-0138	EA	60 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	601.57	224.52
26 05 83 00-0139	EA	75 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	691.14	256.60
26 05 83 00-0140	EA	100 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	858.29	320.74
26 05 83 00-0141	EA	125 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	1,014.28	381.68
26 05 83 00-0142	EA	150 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	1,199.76	445.19
26 05 83 00-0143	EA	200 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	1,717.09	667.65
26 05 83 00-0144		AC Three Phase, 460 Volt *(26 05 83 00-0110)*		
26 05 83 00-0145	EA	1/2 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	77.12	32.08
26 05 83 00-0146	EA	3/4 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	90.50	38.49
26 05 83 00-0147	EA	1 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	110.73	48.11
26 05 83 00-0148	EA	1-1/2 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	111.64	48.11
26 05 83 00-0149	EA	2 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	111.82	48.11
26 05 83 00-0150	EA	3 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	114.79	48.11
26 05 83 00-0151	EA	5 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	147.23	64.14
26 05 83 00-0152	EA	7-1/2 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	150.57	64.14
26 05 83 00-0153	EA	10 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	190.11	80.19
26 05 83 00-0154	EA	15 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	194.62	80.19
26 05 83 00-0155	EA	20 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	244.47	96.22
26 05 83 00-0156	EA	25 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	251.31	96.22
26 05 83 00-0157	EA	30 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	342.24	128.30
26 05 83 00-0158	EA	40 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	429.30	160.63
26 05 83 00-0159	EA	50 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	506.24	192.44
26 05 83 00-0160	EA	60 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	601.57	224.52
26 05 83 00-0161	EA	75 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	691.14	256.60
26 05 83 00-0162	EA	100 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	858.29	320.74
26 05 83 00-0163	EA	125 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	1,014.64	381.81
26 05 83 00-0164	EA	150 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	1,200.25	445.44
26 05 83 00-0165	EA	200 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	1,718.20	668.17
26 05 83 00-0166		AC Single Phase, 120 Volt *(26 05 83 00-0110)*		
26 05 83 00-0167	EA	1/2 HP AC And Less Single Phase, 120 Volt Motor/Equipment, Connection, Termination And Rotation Testing	77.58	32.08
26 05 83 00-0168		Motor Moisture Sensor *(26 05 83 00-0110)*		
26 05 83 00-0169	EA	Motor Moisture Sensor Located In Winding	793.35	

26 09 Instrumentation and Control for Electrical Systems *(26)*

Note: Includes testing of new devices and certification.

26 09 13 Electrical Power Monitoring *(26 09)*

26 09 13 00-0001		Vending Machine Energy Usage Controls *(26 09 13)*		
26 09 13 00-0002	EA	Wallmount VendingMiser® With PIR Occupany Sensor (Energy Miser VM150)	442.59	12.85
26 09 13 00-0003	EA	Wallmount VendingMiser® With 14' Data Cable (Energy Miser VM151)	393.08	6.42
26 09 13 00-0004	EA	Weatherproof Wallmount VendingMiser® With PIR Occupany Sensor (Energy Miser VM151)	464.33	12.85
26 09 13 00-0005	EA	Weatherproof Wallmount VendingMiser® With 14' Data Cable (Energy Miser VM161)	414.82	6.42
26 09 13 00-0006	EA	Velcro Mounted Easy-Install VendingMiser® With PIR Occupany Sensor (Energy Miser VM170)	429.75	10.28
26 09 13 00-0007	EA	Velcro Mounted Easy-Install VendingMiser® With 14' Data Cable (Energy Miser VM171)	386.65	5.14
26 09 13 00-0008	EA	Weatherproof Velcro Mounted Easy-Install VendingMiser® With PIR Occupany Sensor (Energy Miser VM180)	451.49	10.28
26 09 13 00-0009	EA	Weatherproof Velcro Mounted Easy-Install VendingMiser® With 14' Data Cable (Energy Miser VM181)	408.39	5.14
26 09 13 00-0010	EA	Wallmount CoolerMiser With PIR Occupany Sensor (Energy Miser CM150)	401.27	12.85
26 09 13 00-0011	EA	Wallmount CoolerMiser With 14' Data Cable (Energy Miser CM151)	351.77	6.42
26 09 13 00-0012	EA	Velcro Mounted Easy-Install CoolerMiser With PIR Occupany Sensor (Energy Miser CM170)	388.43	10.28
26 09 13 00-0013	EA	Velcro Mounted Easy-Install CoolerMiser With 14' Data Cable (Energy Miser CM171)	345.34	5.14
26 09 13 00-0014	EA	Wallmount SnackMiser With PIR Occupany Sensor (Energy Miser SM150)	401.27	12.85
26 09 13 00-0015	EA	Wallmount SnackMiser With 14' Data Cable (Energy Miser SM151)	351.77	6.42
26 09 13 00-0016	EA	Velcro Mounted Easy-Install SnackMiser With PIR Occupany Sensor (Energy Miser SM170)	388.43	10.28
26 09 13 00-0017	EA	Velcro Mounted Easy-Install SnackMiser With 14' Data Cable (Energy Miser SM171)	345.34	5.14
26 09 13 00-0018	EA	1200 Watt, Multi Plug Load, Wallmount PlugMiser With PIR Occupany Sensor (Energy Miser PM150)	401.27	12.85
26 09 13 00-0019	EA	1200 Watt, Multi Plug Load, Wallmount PlugMiser With 14' Data Cable (Energy Miser PM151)	351.77	6.42
26 09 13 00-0020	EA	1200 Watt, Multi Plug Load, Table Leg Mount PlugMiser With PIR Occupany Sensor (Energy Miser PM190)	401.27	12.85
26 09 13 00-0021	EA	Wattsup Line Logger (Energy Miser 60500)	302.94	19.27
26 09 13 00-0022	EA	Wattsup Pro Line Logger (Energy Miser 60501)	379.04	19.27
26 09 13 00-0023	EA	Test Drive Kit And Wallmount VendingMiser® With PIR Occupany Sensor (Energy Miser TD150)	724.29	25.70
26 09 13 00-0024	EA	Test Drive Kit And Velcro Mounted Easy-Install VendingMiser® With PIR Occupany Sensor (Energy Miser TD170)	711.44	23.12
26 09 13 00-0025		Work Station Energy Usage Controls *(26 09 13)*		
26 09 13 00-0026	EA	Power Strip With Personal Sensor (Wattstopper IDP-3050-A)	190.94	12.85

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

26 09 23 Lighting Control Devices *(26 09)*

26 09 23 00-0001 Lighting Contactors *(26 09 23)*
Note: Up to 600 volt.

26 09 23 00-0002 Electrically Held, Lighting Contactors *(26 09 23 00-0001)*

26 09 23 00-0003 NEMA 1 Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0002)*

26 09 23 00-0004 2-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0003)*

26 09 23 00-0005	EA	20 Amperes, 2 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	563.00		102.63
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*61.58*		
26 09 23 00-0006	EA	30 Amperes, 2 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	698.77		115.46
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.28*		
26 09 23 00-0007	EA	60 Amperes, 2 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	1,317.51		179.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*107.77*		
26 09 23 00-0008	EA	100 Amperes, 2 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	2,061.07		243.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*146.26*		
26 09 23 00-0009	EA	200 Amperes, 2 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	4,341.91		320.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*192.44*		

26 09 23 00-0010 3-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0003)*

26 09 23 00-0011	EA	20 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	635.93		115.46
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.28*		
26 09 23 00-0012	EA	30 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	765.72		128.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*76.98*		
26 09 23 00-0013	EA	60 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	1,423.87		205.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*123.17*		
26 09 23 00-0014	EA	100 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	2,224.44		269.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*161.66*		
26 09 23 00-0015	EA	200 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	4,658.65		352.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*211.69*		

26 09 23 00-0016 4-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0003)*

26 09 23 00-0017	EA	20 Amperes, 4 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	750.77		128.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*76.98*		
26 09 23 00-0018	EA	30 Amperes, 4 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	904.39		141.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*84.68*		
26 09 23 00-0019	EA	60 Amperes, 4 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	1,726.79		230.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*138.56*		
26 09 23 00-0020	EA	100 Amperes, 4 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	2,667.91		295.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*177.05*		
26 09 23 00-0021	EA	200 Amperes, 4 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	5,964.15		384.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*230.93*		

26 09 23 00-0022 NEMA 3R Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0002)*

26 09 23 00-0023 2-Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0022)*

26 09 23 00-0024	EA	30 Amperes, 2 Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactor	929.81		115.46
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.28*		
26 09 23 00-0025	EA	60 Amperes, 2 Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactor	1,891.04		179.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*107.77*		
26 09 23 00-0026	EA	100 Amperes, 2 Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactor	2,852.27		243.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*146.26*		

26 09 23 00-0027 3-Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0022)*

26 09 23 00-0028	EA	30 Amperes, 3 Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactor	1,337.30		128.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*76.98*		
26 09 23 00-0029	EA	60 Amperes, 3 Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactor	2,073.16		205.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*123.17*		
26 09 23 00-0030	EA	100 Amperes, 3 Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactor	3,143.27		269.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*161.66*		
26 09 23 00-0031	EA	200 Amperes, 3 Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactor	7,310.65		352.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*211.69*		

26 09 23 00-0032 4-Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0022)*

26 09 23 00-0033	EA	30 Amperes, 4 Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactor	1,260.26		141.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*84.68*		
26 09 23 00-0034	EA	60 Amperes, 4 Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactor	2,078.58		230.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*138.56*		
26 09 23 00-0035	EA	100 Amperes, 4 Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactor	2,845.59		295.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*177.05*		

26 09 23 00-0036 NEMA 4 Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0002)*

26 09 23 00-0037 2-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0036)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0038	EA	20 Amperes, 2 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	943.30	102.63
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*61.58*	
26 09 23 00-0039	EA	30 Amperes, 2 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	1,202.97	115.46
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.28*	
26 09 23 00-0040	EA	60 Amperes, 2 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	2,322.97	179.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*107.77*	
26 09 23 00-0041	EA	100 Amperes, 2 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	3,489.16	243.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*146.26*	
26 09 23 00-0042	EA	200 Amperes, 2 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	6,779.38	320.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*192.44*	
26 09 23 00-0043		3-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0036)*		
26 09 23 00-0044	EA	20 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	976.48	115.46
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.28*	
26 09 23 00-0045	EA	30 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	1,269.92	128.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*76.98*	
26 09 23 00-0046	EA	60 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	2,432.27	205.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*123.17*	
26 09 23 00-0047	EA	100 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	3,651.54	269.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*161.66*	
26 09 23 00-0048	EA	200 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	7,095.13	352.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*211.69*	
26 09 23 00-0049		4-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0036)*		
26 09 23 00-0050	EA	20 Amperes, 4 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	1,054.79	128.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*76.98*	
26 09 23 00-0051	EA	30 Amperes, 4 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	1,408.60	141.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*84.68*	
26 09 23 00-0052	EA	60 Amperes, 4 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	3,127.35	230.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*138.56*	
26 09 23 00-0053	EA	100 Amperes, 4 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	4,487.16	295.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*177.05*	
26 09 23 00-0054	EA	200 Amperes, 4 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	9,481.77	384.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*230.93*	
26 09 23 00-0055		NEMA 12/3R Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0002)*		
26 09 23 00-0056		2-Pole, NEMA 12/3R Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0055)*		
26 09 23 00-0057	EA	60 Amperes, 2 Pole, NEMA 12/3R Enclosure, Electrically Held, Lighting Contactor	2,841.14	179.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*107.77*	
26 09 23 00-0058	EA	100 Amperes, 2 Pole, NEMA 12/3R Enclosure, Electrically Held, Lighting Contactor	4,033.11	243.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*146.26*	
26 09 23 00-0059	EA	200 Amperes, 2 Pole, NEMA 12/3R Enclosure, Electrically Held, Lighting Contactor	3,770.76	320.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*192.44*	
26 09 23 00-0060		3-Pole, NEMA 12/3R Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0055)*		
26 09 23 00-0061	EA	60 Amperes, 3 Pole, NEMA 12/3R Enclosure, Electrically Held, Lighting Contactor	3,034.73	205.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*123.17*	
26 09 23 00-0062	EA	100 Amperes, 3 Pole, NEMA 12/3R Enclosure, Electrically Held, Lighting Contactor	4,287.68	269.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*161.66*	
26 09 23 00-0063		4-Pole, NEMA 12/3R Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0055)*		
26 09 23 00-0064	EA	60 Amperes, 4 Pole, NEMA 12/3R Enclosure, Electrically Held, Lighting Contactor	1,552.07	230.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*138.56*	
26 09 23 00-0065	EA	100 Amperes, 4 Pole, NEMA 12/3R Enclosure, Electrically Held, Lighting Contactor	2,147.61	295.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*177.05*	
26 09 23 00-0066		Mechanically Held, Lighting Contactors *(26 09 23 00-0001)*		
26 09 23 00-0067		NEMA 1 Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0066)*		
26 09 23 00-0068		2-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0067)*		
26 09 23 00-0069	EA	20 Amperes, 2 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	840.17	102.63
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*61.58*	
26 09 23 00-0070	EA	30 Amperes, 2 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	956.27	115.46
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.28*	
26 09 23 00-0071	EA	60 Amperes, 2 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	1,818.76	179.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*107.77*	
26 09 23 00-0072	EA	100 Amperes, 2 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	2,535.79	243.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*146.26*	
26 09 23 00-0073	EA	200 Amperes, 2 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	5,883.02	320.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*192.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0074		3-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0067)*		
26 09 23 00-0075	EA	20 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	896.98	115.46
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.28*	
26 09 23 00-0076	EA	30 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	1,025.19	128.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*76.98*	
26 09 23 00-0077	EA	60 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	1,928.07	205.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*123.17*	
26 09 23 00-0078	EA	100 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	2,700.14	269.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*161.66*	
26 09 23 00-0079	EA	200 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	6,617.47	352.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*211.69*	
26 09 23 00-0080		4-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0067)*		
26 09 23 00-0081	EA	20 Amperes, 4 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	967.77	128.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*76.98*	
26 09 23 00-0082	EA	30 Amperes, 4 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	1,092.12	141.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*84.68*	
26 09 23 00-0083	EA	60 Amperes, 4 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	2,257.53	230.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*138.56*	
26 09 23 00-0084	EA	100 Amperes, 4 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	3,172.11	295.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*177.05*	
26 09 23 00-0085	EA	200 Amperes, 4 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	7,996.68	384.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*230.93*	
26 09 23 00-0086		NEMA 4 Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0066)*		
26 09 23 00-0087		2-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0086)*		
26 09 23 00-0088	EA	20 Amperes, 2 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	1,268.81	102.63
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*61.58*	
26 09 23 00-0089	EA	30 Amperes, 2 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	1,460.48	115.46
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.28*	
26 09 23 00-0090	EA	60 Amperes, 2 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	2,827.17	179.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*107.77*	
26 09 23 00-0091	EA	100 Amperes, 2 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	3,963.87	243.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*146.26*	
26 09 23 00-0092	EA	200 Amperes, 2 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	8,318.53	320.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*192.44*	
26 09 23 00-0093		3-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0086)*		
26 09 23 00-0094	EA	20 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	1,339.59	115.46
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.28*	
26 09 23 00-0095	EA	30 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	1,529.39	128.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*76.98*	
26 09 23 00-0096	EA	60 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	2,936.48	205.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*123.17*	
26 09 23 00-0097	EA	100 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	4,129.20	269.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*161.66*	
26 09 23 00-0098	EA	200 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	9,054.94	352.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*211.69*	
26 09 23 00-0099		4-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0086)*		
26 09 23 00-0100	EA	20 Amperes, 4 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	1,415.75	128.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*76.98*	
26 09 23 00-0101	EA	30 Amperes, 4 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	1,596.32	141.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*84.68*	
26 09 23 00-0102	EA	60 Amperes, 4 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	3,658.09	230.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*138.56*	
26 09 23 00-0103	EA	100 Amperes, 4 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	4,991.37	295.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*177.05*	
26 09 23 00-0104	EA	200 Amperes, 4 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	11,442.56	384.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*230.93*	
26 09 23 00-0105		NEMA 12/3R Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0066)*		
26 09 23 00-0106		2-Pole, NEMA 12/3R Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0105)*		
26 09 23 00-0107	EA	30 Amperes, 2 Pole, NEMA 12/3R Enclosure, Mechanically Held, Lighting Contactor	786.68	115.46
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.28*	
26 09 23 00-0108	EA	60 Amperes, 2 Pole, NEMA 12/3R Enclosure, Mechanically Held, Lighting Contactor	1,456.09	205.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*107.77*	
26 09 23 00-0109	EA	100 Amperes, 2 Pole, NEMA 12/3R Enclosure, Mechanically Held, Lighting Contactor	1,984.13	243.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*146.26*	
26 09 23 00-0110	EA	200 Amperes, 2 Pole, NEMA 12/3R Enclosure, Mechanically Held, Lighting Contactor	4,637.07	320.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*192.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0111		3-Pole, NEMA 12/3R Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0105)*		
26 09 23 00-0112	EA	30 Amperes, 3 Pole, NEMA 12/3R Enclosure, Mechanically Held, Lighting Contactor	837.33	128.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*76.98*	
26 09 23 00-0113		4-Pole, NEMA 12/3R Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0105)*		
26 09 23 00-0114	EA	200 Amperes, 4 Pole, NEMA 12/3R Enclosure, Mechanically Held, Lighting Contactor	6,258.93	384.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*230.93*	
26 09 23 00-0115		Combination Lighting Contactors *(26 09 23)*		
		Note: Up to 600 volt.		
26 09 23 00-0116		Electrically Held, Combination Lighting Contactors *(26 09 23 00-0115)*		
26 09 23 00-0117		NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactors *(26 09 23 00-0116)*		
26 09 23 00-0118		3-Pole, NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactors *(26 09 23 00-0117)*		
26 09 23 00-0119	EA	30 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch	1,631.21	141.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*84.68*	
26 09 23 00-0120	EA	60 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch	2,556.87	225.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*135.48*	
26 09 23 00-0121	EA	100 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch	4,139.84	296.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*177.82*	
26 09 23 00-0122	EA	200 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch	7,582.92	388.09
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*232.86*	
26 09 23 00-0123		NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactors *(26 09 23 00-0116)*		
26 09 23 00-0124		3-Pole, NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactors *(26 09 23 00-0123)*		
26 09 23 00-0125	EA	30 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch	2,974.28	141.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*84.68*	
26 09 23 00-0126	EA	60 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch	4,626.75	225.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*135.48*	
26 09 23 00-0127	EA	100 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch	7,751.82	296.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*177.82*	
26 09 23 00-0128	EA	200 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch	12,203.31	388.09
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*232.86*	
26 09 23 00-0129		Mechanically Held, Combination Lighting Contactors *(26 09 23 00-0115)*		
26 09 23 00-0130		NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactors *(26 09 23 00-0129)*		
26 09 23 00-0131		3-Pole, NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactors *(26 09 23 00-0130)*		
26 09 23 00-0132	EA	30 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch	1,784.54	141.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*84.68*	
26 09 23 00-0133	EA	60 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch	3,087.61	225.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*135.48*	
26 09 23 00-0134	EA	100 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch	4,642.57	296.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*177.82*	
26 09 23 00-0135	EA	200 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch	9,011.50	388.09
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*232.86*	
26 09 23 00-0136		NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactors *(26 09 23 00-0129)*		
26 09 23 00-0137		3-Pole, NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactors *(26 09 23 00-0136)*		
26 09 23 00-0138	EA	30 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch	3,129.08	141.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*84.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0139	EA	60 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch	5,160.44	225.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*135.48*	
26 09 23 00-0140	EA	100 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch	8,256.02	296.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*177.82*	
26 09 23 00-0141	EA	200 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch	13,631.88	388.09
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*232.86*	
26 09 23 00-0142		**Photo-Cell, Relay, Lighting Arrester, Receptacle And Bracket** *(26 09 23)*		
26 09 23 00-0143	EA	105 To 130 Volt Relay, Photo-Cell, Lighting Arrester, Receptacle And Bracket	147.84	33.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.05*	
26 09 23 00-0144	EA	105 To 285 Volt Relay, Photo-Cell, Lighting Arrester, Receptacle And Bracket	161.27	33.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.05*	
26 09 23 00-0145		**Dimming Module System (Lutron Grafik Eye)** *(26 09 23)*		
26 09 23 00-0146	EA	2,000 Watt Dimming Capacity, 120/277 Volt, Dimming Module System (Lutron Grafik Eye Hi-Power HP-2)	1,806.81	128.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*76.98*	
26 09 23 00-0147	EA	4,000 Watt Dimming Capacity, 120/277 Volt, Dimming Module System (Lutron Grafik Eye Hi-Power HP-4)	2,333.31	128.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*76.98*	
26 09 23 00-0148	EA	6,000 Watt Dimming Capacity, 120/277 Volt, Dimming Module System (Lutron Grafik Eye Hi-Power HP-6)	2,869.20	128.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*76.98*	
26 09 23 00-0149		**Dimming Module Contol (Leviton)** *(26 09 23)*		
26 09 23 00-0150	EA	5 Amperes, Wireless Dimming Module (Leviton WSD05-9D0)	233.76	16.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.64*	
26 09 23 00-0151		**Light Control Panels** *(26 09 23)*		
26 09 23 00-0152		**Lighting Control Panels (Watt Stopper)** *(26 09 23 00-0151)*		
26 09 23 00-0153		**Lighting Control Panels (Watt Stopper)** *(26 09 23 00-0152)*		
26 09 23 00-0154	EA	4 Relays, Surface Mount, Lighting Control Panel (Watt Stopper LP8S-4)	2,117.73	179.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*107.93*	
26 09 23 00-0155	EA	8 Relays, Surface Mount, Lighting Control Panel (Watt Stopper LP8S-8)	1,983.51	192.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*115.64*	
26 09 23 00-0156	EA	8 Relays, Surface Mount, Lighting Control Panel With Group Switching Card (Watt Stopper LP8S-8-G)	2,233.33	192.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*115.64*	
26 09 23 00-0157	EA	8 Relays, Surface Mount, Lighting Control Panel With DIN Rail (Watt Stopper LP24S-8)	3,351.30	192.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*115.64*	
26 09 23 00-0158	EA	8 Relays, Surface Mount, Lighting Control Panel With Group Switching Card And DIN Rail (Watt Stopper LP24S-8-G)	3,644.59	192.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*115.64*	
26 09 23 00-0159	EA	4 Relays, Flush Mount, Lighting Control Panel (Watt Stopper LP8F-4)	2,357.99	179.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*107.93*	
26 09 23 00-0160	EA	8 Relays, Flush Mount, Lighting Control Panel (Watt Stopper LP8F-8)	2,530.20	192.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*115.64*	
26 09 23 00-0161	EA	8 Relays, Flush Mount, Lighting Control Panel With Group Switching Card (Watt Stopper LP8F-8-G)	2,823.20	192.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*115.64*	
26 09 23 00-0162	EA	8 Relays, Flush Mount, Lighting Control Panel With DIN Rail (Watt Stopper LP24F-8)	3,468.51	192.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*115.64*	
26 09 23 00-0163	EA	8 Relays, Flush Mount, Lighting Control Panel With Group Switching Card And DIN Rail (Watt Stopper LP24F-8-G)	3,761.79	192.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*115.64*	
26 09 23 00-0164		**Accessories For Lighting Control Panels (Watt Stopper)** *(26 09 23 00-0152)*		
26 09 23 00-0165	EA	Low Voltage Photocell For Watt Stopper Lighting Control Panels (Watt Stopper EM-24A2)	203.52	32.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.27*	
26 09 23 00-0166	EA	Automatic Control Switch For Watt Stopper Lighting Control Panels (Watt Stopper AS-100-W)	156.53	25.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.42*	
26 09 23 00-0167	EA	Low Voltage Momentary Switch For Watt Stopper Lighting Control Panels (Watt Stopper DCC2)	81.16	25.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.42*	
26 09 23 00-0168		**Lighting Control Panels (Synergy)** *(26 09 23 00-0151)*		
26 09 23 00-0169		**Lighting Control Panels (Synergy)** *(26 09 23 00-0168)*		
26 09 23 00-0170	EA	8 Relays, Surface Mount, Lighting Control Panel (Synergy SwitchPak SPAK 8S)	2,866.92	192.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*115.64*	
26 09 23 00-0171		**Accessories For Lighting Control Panels (Synergy)** *(26 09 23 00-0168)*		
26 09 23 00-0172	EA	Outdoor Photocell For Synergy SwitchPak Lighting Control Panels (Synergy LSA-APS-OL)	702.70	32.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.27*	
26 09 23 00-0173	EA	Sweepswitch, Line Voltage Override Switch For Synergy SwitchPak Lighting Control Panels (Synergy SSPL-20)	272.19	12.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0174	EA	Override Switch For Synergy SwitchPak Lighting Control Panels (Synergy LVPS-2BT)	154.55	19.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.57*	
26 09 23 00-0175		**Lighting Switching Panels (Lutron)** *(26 09 23 00-0151)*		
26 09 23 00-0176		**Lighting Switching Panels (Lutron)** *(26 09 23 00-0175)*		
26 09 23 00-0177	EA	8 Switch Legs, Surface Mount, Feed-Through, Lighting Switching Panels (Lutron Softswitch128® XPS8-FT)	2,334.06	192.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*115.64*	
26 09 23 00-0178	EA	12 Switch Legs, Surface Mount, Feed-Through, Lighting Switching Panels (Lutron Softswitch128® XPS12-FT)	3,198.35	205.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*123.35*	
26 09 23 00-0179	EA	16 Switch Legs, Surface Mount, Feed-Through, Lighting Switching Panels (Lutron Softswitch128® XPS16-FT)	4,186.62	218.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*131.06*	
26 09 23 00-0180		**Wireless (ZigBee) LED Lighting Control Panels (PlanLED GigaTera)** *(26 09 23 00-0151)*		
26 09 23 00-0181	EA	6 Zone, Surface Mount, 0 To 10 Volt Dimming, Wireless (ZigBee) LED Lighting Control Panel (PlanLED GigaTera IPC6Z)	1,562.60	179.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*107.93*	
26 09 23 00-0182	EA	12 Zone, Surface Mount, 0 To 10 Volt Dimming, Wireless (ZigBee) LED Lighting Control Panel (PlanLED GigaTera IPC12Z)	1,781.29	179.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*107.93*	
26 09 23 00-0183	EA	18 Zone, Surface Mount, 0 To 10 Volt Dimming, Wireless (ZigBee) LED Lighting Control Panel (PlanLED GigaTera IPC18Z)	1,999.98	179.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*107.93*	
26 09 23 00-0184		**Power Filters** *(26 09 23 00-0151)*		
26 09 23 00-0185	EA	600 Amperes, 480/277 Volt, 4 Conductor Power Filter With 80" X 60" X 17" Enclosure	42,341.57	1,069.09
26 09 23 00-0186	EA	200 Amperes, 480/277 Volt, 4 Conductor Power Filter With 25" X 40" X 17" Enclosure	25,051.66	464.81
26 09 23 00-0187		**Signal Filters** *(26 09 23 00-0151)*		
26 09 23 00-0188	EA	0.5 Amperes, 125 Volt, 500 Conductor Signal Filter With 19" X 36-3/4" X 19-1/8 Case	19,365.31	971.97
26 09 23 00-0189	EA	0.5 Amperes, 125 Volt, 200 Conductor Signal Filter With 29" X 40" X 11" Case	13,248.91	594.01
26 09 23 00-0190	EA	0.5 Amperes, 125 Volt, 3 Pair Conductor Signal Filter With 12" X 12" X 4" Case	7,390.31	344.86
26 09 23 00-0191	EA	5 Amperes, 24 Volt DC, 5 Volt, 2 - 1 Pair Conductor Signal Filter With Case	10,070.53	344.86
26 09 23 00-0192		**Lighting Control Devices (Encelium)** *(26 09 23)*		
26 09 23 00-0193	EA	8 Port, G4, Wired Energy Control Unit, GreenBus II™ (120 Volt) With Polaris 3D™ (Encelium EN-ECU-G4-P3D) Note: Excludes GB II cable.	16,563.29	128.50
26 09 23 00-0194	EA	Server, System Support Unit (SSU) (Encelium EN-SSU-1U) Note: Excludes GB II and Ethernet cable.	7,572.10	128.50
26 09 23 00-0195	EA	Server, System Support Unit (SSU), VIRTUAL (Encelium EN-SW-SSUVIRT) Note: Excludes GB II and Ethernet cable.	3,940.98	128.50
26 09 23 00-0196	EA	Server, System Support Unit (SSU) With BACnet (Encelium EN-SSU-BIF-KIT) Note: Excludes GB II and Ethernet cable.	16,660.71	128.50
26 09 23 00-0197	EA	Isolated, Wired Luminaire Control Module (Encelium EN-iLCM-1R10V-GB2-BK) Note: Excludes GB II cable.	131.04	16.06
26 09 23 00-0198	EA	Damp Rated, Isolated, Wired Luminaire Control Module (Encelium EN-iLCM-1R10V-GB2-BK/DR) Note: Excludes GB II cable.	202.98	16.06
26 09 23 00-0199	EA	Wired Area Lighting Controller, Heavy-Duty Relay With 0-10V Dimming (Encelium EN-ALC-1R10V-GB2-BK) Note: Excludes GB II cable.	255.42	32.13
26 09 23 00-0200	EA	Damp Rated, Wired Area Lighting Controller, Heavy-Duty Relay With 0-10V Dimming (Encelium EN-ALC-1R10V-GB2-BK-DR) Note: Excludes GB II cable.	308.30	32.13
26 09 23 00-0201	EA	Wired Sensor Interface Module (Encelium EN-SIM-AI/SPS-GB2-BK) Note: Excludes GB II cable.	163.15	32.13
26 09 23 00-0202	EA	Damp Rated, Wired Sensor Interface Module (Encelium EN-SIM-AI/SPS-GB2-BK/DR) Note: Excludes GB II cable.	235.09	32.13
26 09 23 00-0203	EA	16 Port, Rack Mounted, Wired Ethernet Switch (Encelium ETH-700) Note: Excludes cable.	592.21	64.24
26 09 23 00-0204	EA	Rack Mounted, Wired Power Bar (Encelium PWR-700)	444.42	64.24
26 09 23 00-0205	EA	Rack Mounted, Wired Power Bar With Surge Protection (Encelium PWR-800)	815.95	64.24
26 09 23 00-0206	EA	Wall Mounted, 4U Mounting Rack (Encelium RCK-700)	277.40	64.24
26 09 23 00-0207	EA	4 Port, 10/100 VPN, Dual WAN, Wired Router (Encelium RV042) Note: Excludes cable.	914.92	64.24
26 09 23 00-0208	EA	Wired BACnet Interface (Encelium BIF-600) Note: Excludes cable.	9,602.58	256.99
26 09 23 00-0209	EA	Wired AV Interface (Encelium EN-SW-AVINT) Note: Excludes cable.	7,111.40	64.24
26 09 23 00-0210	EA	Two Button, GB2, Wired Wall Station (Encelium EN-WS-2B-GB2-WH) Note: Includes white finish. Excludes GB II cable.	266.03	16.06
26 09 23 00-0211	EA	3 Scene, GB2, Wired Wall Station (Encelium EN-WS-SC3-GB2-WH) Note: Includes white finish. Excludes GB II cable.	324.47	16.06
26 09 23 00-0212	EA	3 Zone, GB2, Wired Wall Station (Encelium EN-WS-ZC3-GB2-WH) Note: Includes white finish. Excludes GB II cable.	310.37	16.06
26 09 23 00-0213	EA	5 Scene, GB2, Wired Wall Station (Encelium EN-WS-SC5-GB2-WH) Note: Includes white finish. Excludes GB II cable.	324.47	16.06
26 09 23 00-0214	EA	6 Zone, GB2, Wired Wall Station (Encelium EN-WS-ZC6-GB2-WH) Note: Includes white finish. Excludes GB II cable.	310.37	16.06

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26 09 23 00-0215	EA	Rocker Switch, GB2, Wired Wall Station (Encelium EN-WS-R-GB2-WT) Note: Includes white finish. Excludes GB II cable.	234.43	16.06
26 09 23 00-0216	EA	Scene Controller, GB2, Wired Wall Station (Encelium EN-WS-SC3D-GB2-WT) Note: Includes white finish. Excludes GB II cable.	324.47	16.06
26 09 23 00-0217	EA	3 Zone Controller, GB2, Wired Wall Station (Encelium EN-WS-ZC3-GB2-WT) Note: Includes white finish. Excludes GB II cable.	310.37	16.06
26 09 23 00-0218	EA	Wired Key Switch Controller (Encelium KSW-300) Note: Excludes GB II cable.	228.75	16.06
26 09 23 00-0219	EA	Wall Station Surface Mount Kit (Encelium EN-SMK-ZB-WH) Note: Includes white finish.	97.22	16.06
26 09 23 00-0220	EA	1/2' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-0.5FT-GB2)	79.03	32.13
26 09 23 00-0221	EA	1' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-01FT-GB2)	79.65	32.13
26 09 23 00-0222	EA	5' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-05FT-GB2)	84.63	32.13
26 09 23 00-0223	EA	10' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-10FT-GB2)	89.55	32.13
26 09 23 00-0224	EA	15' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-15FT-GB2)	95.42	32.13
26 09 23 00-0225	EA	20' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-20FT-GB2)	100.71	32.13
26 09 23 00-0226	EA	25' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-25FT-GB2)	107.21	32.13
26 09 23 00-0227	EA	50' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-50FT-GB2)	136.60	32.13
26 09 23 00-0228	EA	1,000' Box, GreenBus II™ Cable (Encelium EN-BC-1000FT-GB2)	879.45	32.13
26 09 23 00-0229	EA	Box Of 50, Greenbus II™ Connectors (Encelium EN-CON-50-GB2)	213.39	32.13
26 09 23 00-0230	EA	1,000' Box, Category 5, Network Cable (Encelium NWC-400-B)	1,135.40	32.13
26 09 23 00-0231	EA	Indoor Wired Photo Sensor (Encelium PHS-700) Note: Excludes GB II cable.	664.09	64.24
26 09 23 00-0232	EA	Outdoor Wired Photo Sensor (Encelium PHS-800) Note: Excludes GB II cable.	664.09	64.24
26 09 23 00-0233	EA	Skylight Wired Photo Sensor (Encelium PHS-900) Note: Excludes GB II cable.	664.09	64.24
26 09 23 00-0234	EA	450 SF, 360 Degree, Passive Infrared, Ceiling Mounted, Wired Occupancy Sensor (Encelium SCP-0450) Note: Excludes GB II cable.	345.61	64.24
26 09 23 00-0235	EA	1,500 SF, 360 Degree, Passive Infrared, Ceiling Mounted, Wired Occupancy Sensor (Encelium SCP-1500) Note: Excludes GB II cable.	334.93	64.24
26 09 23 00-0236	EA	2,500 SF, Wide View, Passive Infrared, Wall Mounted, Wired Occupancy Sensor (Encelium SWP-WV00) Note: Excludes GB II cable.	342.05	64.24
26 09 23 00-0237	EA	High-Bay, Passive Infrared, Wall Mounted, Wired Occupancy Sensor (Encelium SWP-HBAY) Note: Excludes GB II cable.	377.64	64.24
26 09 23 00-0238	EA	Long-Range, Passive Infrared, Wall Mounted, Wired Occupancy Sensor (Encelium SWP-LRNG) Note: Excludes GB II cable.	342.05	64.24
26 09 23 00-0239	EA	120-277 Volt AC, No Neutral, Passive Infrared, Wall Switch Mounted, Wired Occupancy Sensor (Encelium SSP-LNV) Note: Excludes GB II cable.	270.88	64.24
26 09 23 00-0240	EA	High Bay, Passive Infrared, Fixture Mounted, Wired Occupancy Sensor (Encelium WSPEM24V) Note: Excludes GB II cable.	287.15	64.24
26 09 23 00-0241	EA	High Bay, Passive Infrared, Surface Mounted, Wired Occupancy Sensor (Encelium WSPSM24V) Note: Excludes GB II cable.	287.15	64.24
26 09 23 00-0242	EA	360 Degree Lens, Wired Occupancy Sensor (Encelium WSPLENS360) Note: Excludes GB II cable.	151.56	64.24
26 09 23 00-0243	EA	Passive Infrared, Wall Switch Mounted, Wired Occupancy Sensor (Encelium PW-100-24) Note: Excludes GB II cable.	350.86	64.24
26 09 23 00-0244	EA	Hallway, Wired Occupancy Sensor (Encelium HW-13) Note: Excludes GB II cable.	495.95	64.24
26 09 23 00-0245	EA	500 SF, 180 Degree, (Multi) Passive Infrared And Ultrasonic, Ceiling Mounted, Wired Occupancy Sensor (Encelium SCM-0500) Note: Excludes GB II cable.	434.59	64.24
26 09 23 00-0246	EA	1,000 SF, 360 Degree, (Multi) Passive Infrared And Ultrasonic, Ceiling Mounted, Wired Occupancy Sensor (Encelium SCM-1000) Note: Excludes GB II cable.	463.06	64.24
26 09 23 00-0247	EA	2,000 SF, 360 Degree, (Multi) Passive Infrared And Ultrasonic, Ceiling Mounted, Wired Occupancy Sensor (Encelium SCM-2000) Note: Excludes GB II cable.	477.31	64.24
26 09 23 00-0248	EA	1,200 SF, (Multi) Passive Infrared And Ultrasonic, Wall Mounted, Wired Occupancy Sensor (Encelium SWM-1200) Note: Excludes GB II cable.	431.03	64.24
26 09 23 00-0249	EA	120-277 Volt AC, No Neutral, Passive Infrared And Ultrasonic, Wall Switch Mounted, Wired Occupancy Sensor (Encelium SSM-LNV) Note: Excludes GB II cable.	359.86	64.24
26 09 23 00-0250	EA	500 SF, 180 Degree, Dual Technology, Ceiling Mounted, Wired Occupancy Sensor (Encelium OSC05-M0W) Note: Excludes GB II cable.	449.90	64.24
26 09 23 00-0251	EA	1,200 SF, 360 Degree, Dual Technology, Wall Mounted, Wired Occupancy Sensor (Encelium OSW12-M0W) Note: Excludes GB II cable.	446.17	64.24
26 09 23 00-0252	EA	2,000 SF, 360 Degree, Dual Technology, Ceiling Mounted, Wired Occupancy Sensor (Encelium OSC20-M0W) Note: Excludes GB II cable.	494.74	64.24
26 09 23 00-0253	EA	1,000 SF, 360 Degree, Dual Technology, Ceiling Mounted, Wired Occupancy Sensor (Encelium OSC10-M0W) Note: Excludes GB II cable.	479.81	64.24
26 09 23 00-0254	EA	Dual Technology, Wall Switch Mounted, Wired Occupancy Sensor (Encelium DW-100-24) Note: Excludes GB II cable.	516.30	64.24
26 09 23 00-0255	EA	Dual Technology, Wall Switch Mounted, Wired Occupancy Sensor (Encelium WSD-PDT-LV) Note: Excludes GB II cable.	479.95	64.24
26 09 23 00-0256	EA	Wide View, Dual Technology, Wired Occupancy Sensor (Encelium WV-PDT) Note: Excludes GB II cable.	479.95	64.24
26 09 23 00-0257	EA	10 Amperes, 120 Volt, Single Relay, UL924 Automatic Load Control Relay (ALCR) (Encelium ESRU1C)	315.93	64.24
26 09 23 00-0258	EA	10A, 277V, Single Relay, UL924 Automatic Load Control Relay (ALCR) (Encelium ESRH1C)	338.30	64.24
26 09 23 00-0259	EA	20 Amperes, 120 Volt, Dual Relay, UL924 Automatic Load Control Relay (ALCR) (Encelium ESR01P)	591.71	64.24
26 09 23 00-0260	EA	20A, 277V, Dual Relay, UL924 Automatic Load Control Relay (ALCR) (Encelium ESR02P)	632.79	64.24
26 09 23 00-0261	EA	10 Amperes, 120 Volt, Dual Relay, UL924 Automatic Load Control Relay (ALCR) (Encelium ESR2401D)	467.08	64.24

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0262	EA	10A, 277V, Dual Relay, UL924 Automatic Load Control Relay (ALCR) (Encelium ESR2402D)	486.93	64.24
26 09 23 00-0263	EA	24 Circuit, Relay Module (Encelium EN-RPM-24C-GB2) Note: Excludes GB II cable and enclosure.	1,395.95	128.50
26 09 23 00-0264	EA	24 Circuit, 120/277V, Relay Panel With Relay Module (Encelium EN-RP-24C-GB2-120/277V) Note: Excludes GB II cable.	4,363.47	513.97
26 09 23 00-0265	EA	12 Relays, 24 Circuit, 120-347V, Emergency Relay Panel (Encelium EN-RPA12R120-347V) Note: Excludes GB II cable.	6,364.79	513.97
26 09 23 00-0266	EA	24 Relays, 24 Circuit, 120-347V, Emergency Relay Panel (Encelium EN-RPA24R120-347V) Note: Excludes GB II cable.	8,366.09	513.97
26 09 23 00-0267	EA	Wired Phase Cut Dimming Module (Encelium EN-PCDM-GB2) Note: Excludes GB II cable.	697.98	64.24
26 09 23 00-0268	EA	Wired DALI Bridge (Encelium EN-DB-1L-GB2) Note: Excludes GB II cable.	799.68	64.24
26 09 23 00-0269	EA	Wireless Manager (Encelium EN-WM-ZB-P3D) Note: Includes white finish.	2,162.35	64.24
26 09 23 00-0270	EA	Wireless Control Module (Encelium EN-WCM-ZB)	294.74	32.13
26 09 23 00-0271	EA	Damp Rated, Wireless Control Module (Encelium EN-WCM-ZB-DR)	348.98	32.13
26 09 23 00-0272	EA	Wireless Area Lighting Controller (Encelium EN-ALC-ZB-BK)	350.33	32.13
26 09 23 00-0273	EA	Damp Rated, Wireless Area Lighting Controller (Encelium EN-ALC-ZB-BK-DR)	363.12	32.13
26 09 23 00-0274	EA	2 Button Switch, Wireless Wall Station (Encelium EN-WS-2B-ZB-WH) Note: Includes white finish.	262.63	16.06
26 09 23 00-0275	EA	3 Scene Control, Wireless Wall Station (Encelium EN-WS-SC3-ZB-WH) Note: Includes white finish.	262.63	16.06
26 09 23 00-0276	EA	3 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC3-ZB-WH) Note: Includes white finish.	262.63	16.06
26 09 23 00-0277	EA	5 Scene Control, Wireless Wall Station (Encelium EN-WS-SC5-ZB-WH) Note: Includes white finish.	262.63	16.06
26 09 23 00-0278	EA	6 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC6-ZB-WH) Note: Includes white finish.	262.63	16.06
26 09 23 00-0279	EA	Single Zone On/Off, Wireless Rocker Switch (Encelium WSS0S-DOW)	271.44	16.06
26 09 23 00-0280	EA	315 MHz, Wireless Photocell (Encelium TAP-17C)	575.95	64.24
26 09 23 00-0281	EA	450 SF, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-0450-ZB)	359.00	64.24
26 09 23 00-0282	EA	1,500 SF, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-1500-ZB)	359.00	64.24
26 09 23 00-0283	EA	1,500 SF, Damp Rated, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-1500-ZB-DR)	413.24	64.24
26 09 23 00-0284	EA	450 SF, Damp Rated, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-0450-ZB-DR)	413.24	64.24
26 09 23 00-0285	EA	2 Button Switch, Wireless Wall Station (Encelium EN-WS-2B-ZB-WH) Note: Includes white finish.	262.63	16.06
26 09 23 00-0286	EA	3 Scene Control, Wireless Wall Station (Encelium EN-WS-SC3-ZB-WH) Note: Includes white finish.	262.63	16.06
26 09 23 00-0287	EA	3 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC3-ZB-WH) Note: Includes white finish.	262.63	16.06
26 09 23 00-0288	EA	5 Scene Control, Wireless Wall Station (Encelium EN-WS-SC5-ZB-WH) Note: Includes white finish.	262.63	16.06
26 09 23 00-0289	EA	6 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC6-ZB-WH) Note: Includes white finish.	262.63	16.06
26 09 23 00-0290	EA	Single Zone On/Off, Wireless Rocker Switch (Encelium WSS0S-DOW) Note: Includes white finish.	271.44	16.06
26 09 23 00-0291	EA	315 MHz, Wireless Photocell (Encelium TAP-17C)	575.95	64.24
26 09 23 00-0292	EA	3 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC3-ZB-WH)	262.63	16.06
26 09 23 00-0293	EA	5 Scene Control, Wireless Wall Station (Encelium EN-WS-SC5-ZB-WH)	262.63	16.06
26 09 23 00-0294	EA	6 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC6-ZB-WH)	262.63	16.06
26 09 23 00-0295	EA	Single Zone On/Off, Wireless Rocker Switch (Encelium WSS0S-DOW)	271.44	16.06
26 09 23 00-0296	EA	315 MHz, Wireless Photocell (Encelium TAP-17C)	575.95	64.24
26 09 23 00-0297	EA	450 SF, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-0450-ZB)	359.00	64.24
26 09 23 00-0298	EA	1,500 SF, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-1500-ZB)	359.00	64.24
26 09 23 00-0299	EA	1,500 SF, Damp Rated, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-1500-ZB-DR)	413.24	64.24
26 09 23 00-0300	EA	450 SF, Damp Rated, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-0450-ZB-DR)	413.24	64.24
26 09 23 00-0301	EA	2 Button Switch, Wireless Wall Station (Encelium EN-WS-2B-ZB-WH) Note: Includes white finish.	262.63	16.06
26 09 23 00-0302	EA	3 Scene Control, Wireless, Wall Station (Encelium EN-WS-SC3-ZB-WH) Note: Includes white finish.	262.63	16.06
26 09 23 00-0303	EA	3 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC3-ZB-WH) Note: Includes white finish.	262.63	16.06
26 09 23 00-0304	EA	5 Scene Control, Wireless Wall Station (Encelium EN-WS-SC5-ZB-WH) Note: Includes white finish.	262.63	16.06
26 09 23 00-0305	EA	6 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC6-ZB-WH) Note: Includes white finish.	262.63	16.06
26 09 23 00-0306	EA	Single Zone On/Off, Wireless Rocker Switch (Encelium WSS0S-DOW)	271.44	16.06
26 09 23 00-0307	EA	315 MHz, Wireless Photocell (Encelium TAP-17C)	575.95	64.24
26 09 23 00-0308	EA	Ceiling Mounted, Wireless Mounting Kit (Encelium EN-SCPPH-MK-ZB)	159.68	64.24
26 09 23 00-0309	EA	Wireless Ethernet Transceiver Unit (cns-enocean Connectivity Kit)	754.37	64.24

26 09 23 00-0310 Lighting Control Sensors *(26 09 23)*

26 09 23 00-0311	EA	DALIMulti Sensor, 600 SF (Fifthlight FLT-MTS6-DALI)	402.21	28.91
26 09 23 00-0312	EA	DALIMulti Sensor, 1,200 SF (Fifthlight FLT-MTS12-DALI)	402.21	28.91
26 09 23 00-0313	EA	Smart Multi-sensor (LG 9SD131VVDA.ALWB000)	352.22	28.91
26 09 23 00-0314	EA	Zigbee Dongle (LG 9CM2315VD2.AWP01U)	106.04	19.27
26 09 23 00-0315	EA	Clip for Performance Troffer (LG BKTTR015122.BUAAWAA)	8.51	
26 09 23 00-0316	EA	Clip for Downlight (BKTCE015123.BUAAWAA)	69.08	
26 09 23 00-0317	EA	Clip for Tube (LG BKTTU015121.BUAAWAA)	12.15	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0318		Radio Controlled Devices (Lutron) *(26 09 23)*		
26 09 23 00-0319		Tabletop Transmitters For Radio Controlled Devices *(26 09 23 00-0318)*		
26 09 23 00-0320		Switched Lighting Controls, Tabletop Wireless Transmitter *(26 09 23 00-0319)*		
26 09 23 00-0321	EA	One Zone Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-SW-B-WH)	530.90	19.27
26 09 23 00-0322	EA	Two Zones Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2SW-B-WH)	690.51	19.27
26 09 23 00-0323	EA	Three Zones Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-3SW-B-WH)	870.07	19.27
26 09 23 00-0324		Dimmable Lighting Controls, Tabletop Wireless Transmitter *(26 09 23 00-0319)*		
26 09 23 00-0325	EA	One Zone Of Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L-B-WH)	530.90	19.27
26 09 23 00-0326	EA	Two Zones Of Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2L-B-WH)	630.66	19.27
26 09 23 00-0327	EA	Three Zones Of Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-3L-B-WH)	870.07	19.27
26 09 23 00-0328	EA	One Zone Of Four Pre Set Lighting Levels And Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L-WH)	530.90	19.27
26 09 23 00-0329	EA	Two Zones Of Four Pre Set Lighting Levels And Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2L-WH)	690.51	19.27
26 09 23 00-0330	EA	Three Zones Of Four Pre Set Lighting Levels And Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-3L-WH)	870.07	19.27
26 09 23 00-0331		Dimmable And Switched Lighting Controls, Tabletop Wireless Transmitter *(26 09 23 00-0319)*		
26 09 23 00-0332	EA	One Zone Of Dimmable Lighting Controls And One Zone Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LSW-B-WH)	690.51	19.27
26 09 23 00-0333	EA	Two Zones Of Dimmable Lighting Controls And One Zone Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2LSW-B-WH)	870.07	19.27
26 09 23 00-0334	EA	One Zone Of Dimmable Lighting Controls And Two Zones Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L2SW-B-WH)	870.07	19.27
26 09 23 00-0335		Dimmable Lighting Controls And Shade Or Projection Controls, Tabletop Wireless Transmitter *(26 09 23 00-0319)*		
26 09 23 00-0336	EA	One Zone Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-C3-B-WH)	530.90	19.27
26 09 23 00-0337	EA	Two Zones Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2C3-B-WH)	690.51	19.27
26 09 23 00-0338	EA	One Zone Of Dimmable Lighting Controls And One Zone Of Output Switch Projection Screen Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LC2-B-WH)	630.66	19.27
26 09 23 00-0339	EA	Two Zones Of Dimmable Lighting Controls And One Zone Of Output Switch Projection Screen Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2LC2-B-WH)	770.32	19.27
26 09 23 00-0340	EA	One Zone Of Dimmable Lighting Controls And One Zone Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LC3-B-WH)	690.51	19.27
26 09 23 00-0341	EA	Two Zones Of Dimmable Lighting Controls And One Zone Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2LC3-B-WH)	830.17	19.27
26 09 23 00-0342	EA	One Zone Of Dimmable Lighting Controls And Two Zones Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L2C3-B-WH)	690.51	19.27
26 09 23 00-0343		Dimmable Lighting Controls And Sivoia QED Shade Controls, Tabletop Wireless Transmitter *(26 09 23 00-0319)*		
26 09 23 00-0344	EA	One Zone Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-Q-B-WH)	530.90	19.27
26 09 23 00-0345	EA	Two Zones Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2Q-B-WH)	690.51	19.27
26 09 23 00-0346	EA	One Zone Of Dimmable Lighting Controls And One Zone Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LQ-B-WH)	690.51	19.27
26 09 23 00-0347	EA	Two Zones Of Dimmable Lighting Controls And One Zone Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2LQ-B-WH)	870.07	19.27
26 09 23 00-0348	EA	One Zone Of Dimmable Lighting Controls And Two Zones Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L2Q-B-WH)	690.51	19.27
26 09 23 00-0349	EA	One Zone Of Dimmable Lighting Controls, One Zone Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, One Zone Of Output Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LQC2-B-WH)	870.07	19.27
26 09 23 00-0350		Output Switch Closure Controls, Tabletop Wireless Transmitter *(26 09 23 00-0319)*		
26 09 23 00-0351	EA	Five Buttons Of Output Switch Closures For Grafik Eye Systems, Tabletop Wireless Transmitter (Lutron RTA-TX-C5-WH)	530.90	19.27
26 09 23 00-0352	EA	Nine Buttons Of Output Switch Closures For Grafik Eye Systems, Tabletop Wireless Transmitter (Lutron RTA-TX-C5C4-WH)	690.51	19.27
26 09 23 00-0353	EA	Thirteen Buttons Of Output Switch Closures For Grafik Eye Systems, Tabletop Wireless Transmitter (Lutron RTA-TX-C52C4-WH)	870.07	19.27
26 09 23 00-0354		Accessories For Tabletop Wireless Transmitter *(26 09 23 00-0319)*		
26 09 23 00-0355	EA	Security Mounting Brackets For Tabletop Wireless Transmitters (Lutron RTA-SEC-WH)	111.93	19.27
26 09 23 00-0356		Wall Box Transmitters For Radio Controlled Devices *(26 09 23 00-0318)*		
26 09 23 00-0357	EA	On/Off Switched Lighting Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-2BSW-WH)	491.00	19.27

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0358	EA	Dimmable Lighting Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-2B-WH)	530.90	19.27
26 09 23 00-0359	EA	Four Preset Lighting Level And Dimmable Lighting Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-5B-WH)	530.90	19.27
26 09 23 00-0360	EA	Open/Stop/Close Motorized Shade Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-C3LB-WH)	530.90	19.27
26 09 23 00-0361	EA	Up/Down Projection Screen Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-C2LB-WH)	530.90	19.27
26 09 23 00-0362	EA	Open/Stop/Close Sivoia QED Shade Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-Q3LB-WH)	530.90	19.27
26 09 23 00-0363		Interfaces For Radio Controlled Devices *(26 09 23 00-0318)*		
26 09 23 00-0364	EA	Incandescent And Magnetic Low Voltage Lighting Interface For Radio Controlled Devices (Lutron FDI-INC-2000)	491.00	19.27
26 09 23 00-0365	EA	Lutron Tu-Wire Ballast Interface For Radio Controlled Devices (Lutron FDI-INC-2000)	491.00	19.27
26 09 23 00-0366	EA	Electronic Low Voltage Lighting Interface For Radio Controlled Devices (Lutron FDI-ELV-1000)	491.00	19.27
26 09 23 00-0367	EA	Sivoia QED Controllable Window Treatments Contact Closure Interface For Radio Controlled Devices (Lutron SVQ-CCI-8)	997.76	19.27
26 09 23 00-0368	EA	RS-232 Interface For Radio Controlled Devices (Lutron RTA-RS232)	1,428.70	19.27
26 09 23 00-0369	EA	Switch Closure Input Interface For Radio Controlled (Lutron RTA-SCI)	1,428.70	19.27
26 09 23 00-0370		Fluorescent Controllers For Radio Controlled Devices *(26 09 23 00-0318)*		
26 09 23 00-0371	EA	On/Off Switched Fluorescent Controllers For Radio Controlled Devices (Lutron RTA-RX-SW)	630.66	19.27
26 09 23 00-0372	EA	Dimmable Fluorescent Controllers For Radio Controlled Devices (Lutron RTA-RX-F)	710.46	19.27
26 09 23 00-0373	EA	Switch Closures And Dimmable Fluorescent Controllers For Radio Controlled Devices (Lutron RTA-RX-F-SC)	830.17	19.27
26 09 23 00-0374		AC Motor Group Controllers For Radio Controlled Devices *(26 09 23 00-0318)*		
26 09 23 00-0375	EA	Up To Two Motors, AC Motor Group Controllers For Radio Controlled Devices (Lutron WC-2M-GC)	929.92	19.27
26 09 23 00-0376	EA	Up To Four Motors, AC Motor Group Controllers For Radio Controlled Devices (Lutron WC-4M-GC)	1,279.07	19.27
26 09 23 00-0377		RF Wireless Technology, Switches And Dimmers (Lutron® Maestro Wireless®) *(26 09 23)*		
26 09 23 00-0378		RF Wireless Technology, Switches (Lutron® Maestro Wireless®) *(26 09 23 00-0377)*		
26 09 23 00-0379	EA	6 Amperes Lighting, 3 Amperes Fan, RF Wireless Technology, Electronic Switch (Lutron® Maestro Wireless® MRF2-6ANS)	143.23	25.70
26 09 23 00-0380	EA	8 Amperes Lighting, 5.8 Amperes Fan, RF Wireless Technology, Spec Grade Electronic Switch (Lutron® Maestro Wireless® MRF2-8ANS-120)	168.63	25.70
26 09 23 00-0381	EA	8 Amperes Lighting, 3 Amperes Fan, RF Wireless Technology, Spec Grade Electronic Switch (Lutron® Maestro Wireless® MRF2-8S-DV)	263.30	25.70
26 09 23 00-0382	EA	120 Volt, Claro® Gloss Finish, RF Wireless Technology, Companion Switch (Lutron® Maestro Wireless® MA-AS)	100.85	25.70
26 09 23 00-0383	EA	277 Volt, Claro® Gloss Finish, RF Wireless Technology, Companion Switch (Lutron® Maestro Wireless® MA-AS-277)	123.04	25.70
26 09 23 00-0384	EA	120 Volt, Satin Colors® Satin Finish, RF Wireless Technology, Companion Switch (Lutron® Maestro Wireless® MSC-AS)	110.17	25.70
26 09 23 00-0385	EA	277 Volt, Satin Colors® Satin Finish, RF Wireless Technology, Companion Switch (Lutron® Maestro Wireless® MSC-AS-277)	132.81	25.70
26 09 23 00-0386		RF Wireless Technology, Dimmers (Lutron® Maestro Wireless®) *(26 09 23 00-0377)*		
26 09 23 00-0387	EA	600 Watt, 120 Volt, RF Wireless Technology, Incandescent Dimmer (Lutron® Maestro Wireless® MRF2-600M)	137.37	25.70
26 09 23 00-0388	EA	600 Watt, 120 Volt, RF Wireless Technology, Magnetic Low Voltage Dimmer (Lutron® Maestro Wireless® MRF2-6MLV)	149.09	25.70
26 09 23 00-0389	EA	600 Watt, 120 Volt, RF Wireless Technology, Spec Grade Neutral Wire Dimmer (Lutron® Maestro Wireless® MRF2-6ND-120)	178.40	25.70
26 09 23 00-0390	EA	1,000 Watt, 120 Volt, RF Wireless Technology, Spec Grade Dimmer (Lutron® Maestro Wireless® MRF2-10D-120)	191.24	32.13
26 09 23 00-0391	EA	600 Watt, 120 Volt, RF Wireless Technology, Electronic Low-Voltage Dimmer (Lutron® Maestro Wireless® MRF2-6ELV-120)	236.03	25.70
26 09 23 00-0392	EA	120 Volt, Claro® Gloss Finish, RF Wireless Technology, Companion Dimmer (Lutron® Maestro Wireless® MA-R)	78.26	25.70
26 09 23 00-0393	EA	277 Volt, Claro® Gloss Finish, RF Wireless Technology, Companion Dimmer (Lutron® Maestro Wireless® MA-R-277)	94.38	25.70
26 09 23 00-0394	EA	120 Volt, Satin Colors® Satin Finish, RF Wireless Technology, Companion Dimmer (Lutron® Maestro Wireless® MSC-AD)	84.14	25.70
26 09 23 00-0395	EA	277 Volt, Satin Colors® Satin Finish, RF Wireless Technology, Companion Dimmer (Lutron® Maestro Wireless® MSC-AD-277)	100.24	25.70
26 09 23 00-0396	EA	6 Amperes, 120/277 Volt, RF Wireless Technology, 3-Wire Fluorescent Spec Grade Neutral Wire Dimmer (Lutron® Maestro Wireless® MRF2-F6AN-DV)	265.79	44.97
26 09 23 00-0397		Removal And Reinstallation Of Occupancy Sensors *(26 09 23)*		
26 09 23 00-0398	EA	Removal And Reinstallation Of Ceiling Mounted Occupancy Sensor Note: Includes storing and cleaning.	86.73	
26 09 23 00-0399	EA	Removal And Reinstallation Of Wall Mounted Occupancy Sensor Note: Includes storing and cleaning.	57.82	
26 09 23 00-0400		Occupancy Sensors (Watt Stopper) *(26 09 23)* Note: Includes testing of new devices and certification.		
26 09 23 00-0401		Occupancy Sensors *(26 09 23 00-0400)* Note: Exclude boxes.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0402		Wall Switch Mounted Occupancy Sensors *(26 09 23 00-0401)*		
26 09 23 00-0403		Ultrasonic, Wall Switch Mounted Occupancy Sensors *(26 09 23 00-0402)*		
26 09 23 00-0404	EA	Ultrasonic, Wall Switch Mounted Occupancy Sensor (Watt Stopper UW-100)	149.12	12.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.71*	
26 09 23 00-0405	EA	Dual Relay, Ultrasonic, Wall Switch Mounted Occupancy Sensor (Watt Stopper UW-200)	176.45	12.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.71*	
26 09 23 00-0406		Passive Infrared, Wall Switch Mounted Occupancy Sensors *(26 09 23 00-0402)*		
26 09 23 00-0407	EA	Nightlight, Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper WN-100)	122.69	12.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.71*	
26 09 23 00-0408	EA	Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper WS)	114.41	12.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.71*	
26 09 23 00-0409	EA	Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper PW-100)	129.87	12.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.71*	
26 09 23 00-0410	EA	Dual Relay, Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper PW-200)	150.77	12.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.71*	
26 09 23 00-0411	EA	Dimmable, Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper WD)	149.05	12.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.71*	
26 09 23 00-0412		Passive Infrared And Ultrasonic, Wall Switch Mounted Occupancy Sensors *(26 09 23 00-0402)*		
26 09 23 00-0413	EA	Passive Infrared And Ultrasonic, Wall Switch Mounted Occupancy Sensor (Watt Stopper DW-100)	218.07	12.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.71*	
26 09 23 00-0414	EA	Dual Relay, Passive Infrared And Ultrasonic, Wall Switch Mounted Occupancy Sensor (Watt Stopper DW-200)	235.36	12.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.71*	
26 09 23 00-0415		Wall Switch Mounted Occupancy Sensor Accessories *(26 09 23 00-0402)*		
26 09 23 00-0416	EA	Single Gang, Plastic Switch Plate Cover For Occupancy Sensors (Watt Stopper ASP)	8.07	3.21
26 09 23 00-0417	EA	One Side Blank, Double Gang, Plastic Switch Plate Cover For Occupancy Sensors (Watt Stopper ASP)	9.45	3.21
26 09 23 00-0418	EA	Switch Option, Double Gang, Plastic Switch Plate Cover For Occupancy Sensors (Watt Stopper ASP)	9.45	3.21
26 09 23 00-0419		Ceiling Mounted Occupancy Sensors *(26 09 23 00-0401)*		
26 09 23 00-0420		Ultrasonic, Ceiling Mounted Occupancy Sensors *(26 09 23 00-0419)*		
26 09 23 00-0421		25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensors *(26 09 23 00-0420)*		
26 09 23 00-0422	EA	500 SF 360 Degree Coverage, 25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper W-500A)	194.63	28.91
26 09 23 00-0423	EA	1,000 SF 360 Degree Coverage, 25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper W-1000A)	224.36	28.91
26 09 23 00-0424	EA	2,000 SF 360 Degree Coverage, 25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper W-2000A)	254.31	28.91
26 09 23 00-0425	EA	90 LF Hallway Coverage, 25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper W-2000H)	251.60	28.91
26 09 23 00-0426		32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensors *(26 09 23 00-0420)*		
26 09 23 00-0427	EA	600 SF 360 Degree Coverage, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-605)	212.23	28.91
26 09 23 00-0428	EA	1,100 SF 360 Degree Coverage, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-1105)	242.38	28.91
26 09 23 00-0429	EA	2,205 SF 360 Degree Coverage, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-2205)	270.93	28.91
26 09 23 00-0430	EA	90 LF Hallway Coverage, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-2255)	275.76	28.91
26 09 23 00-0431	EA	600 SF 360 Degree Coverage, Isolated Relay, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-600)	230.25	28.91
26 09 23 00-0432	EA	1,100 SF 360 Degree Coverage, Isolated Relay, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-1100)	261.15	28.91
26 09 23 00-0433	EA	2,200 SF 360 Degree Coverage, Isolated Relay, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-2200)	291.93	28.91
26 09 23 00-0434	EA	90 LF Hallway Coverage, Isolated Relay, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-2250)	300.80	28.91
26 09 23 00-0435		40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensors *(26 09 23 00-0420)*		
26 09 23 00-0436	EA	500 SF 360 Degree Coverage, Isolated Relay, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-300-1)	220.94	28.91
26 09 23 00-0437	EA	1,000 SF 360 Degree Coverage, Isolated Relay, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-300-2)	256.96	28.91
26 09 23 00-0438	EA	2,000 SF 360 Degree Coverage, Isolated Relay, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-300-3)	287.11	28.91
26 09 23 00-0439	EA	500 SF 360 Degree Coverage, Panel Integrating, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-305-1)	207.67	28.91
26 09 23 00-0440	EA	1,000 SF 360 Degree Coverage, Panel Integrating, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-305-2)	253.06	28.91
26 09 23 00-0441	EA	2,000 SF 360 Degree Coverage, Panel Integrating, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-305-3)	267.77	28.91
26 09 23 00-0442	EA	500 SF 360 Degree Coverage, Line Voltage, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-355-1)	222.81	28.91

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26 09 23 00-0443	EA	1,000 SF 360 Degree Coverage, Line Voltage, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-355-2)	248.95	28.91
26 09 23 00-0444	EA	2,000 SF 360 Degree Coverage, Line Voltage, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-355-3)	281.23	28.91
26 09 23 00-0445		**Passive Infrared, Ceiling Mounted Occupancy Sensors** *(26 09 23 00-0419)*		
26 09 23 00-0446	EA	30 Segment, 5 Level Lens, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper WPIR)	159.93	28.91
26 09 23 00-0447	EA	HVAC/BAS, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-12/24)	163.44	28.91
26 09 23 00-0448	EA	Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-205)	171.76	28.91
26 09 23 00-0449	EA	Line Voltage, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-355)	194.07	28.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.35*	
26 09 23 00-0450	EA	Low Profile, Isolated Relay, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-305)	196.78	28.91
26 09 23 00-0451	EA	Isolated Relay, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-200)	208.45	28.91
26 09 23 00-0452	EA	Low Profile, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-300)	227.13	28.91
26 09 23 00-0453		**Passive Infrared And Ultrasonic, Ceiling Mounted Occupancy Sensors** *(26 09 23 00-0419)*		
26 09 23 00-0454	EA	1,000 SF 360 Degree Coverage, Line Voltage, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper DT-355)	270.68	28.91
26 09 23 00-0455	EA	1,000 SF 360 Degree Coverage, Isolated Relay, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper DT-300)	310.21	28.91
26 09 23 00-0456	EA	1,000 SF 360 Degree Coverage, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper DT-305)	262.29	28.91
26 09 23 00-0457		**Ceiling/Wall Mounted Occupancy Sensors** *(26 09 23 00-0401)*		
26 09 23 00-0458		**Passive Infrared, Ceiling/Wall Mounted Occupancy Sensors** *(26 09 23 00-0457)*		
26 09 23 00-0459	EA	120 LF Coverage, Low Temperature, Passive Infrared, Ceiling/Wall Mounted Occupancy Sensor (Watt Stopper CB-100-1/3)	333.89	28.91
26 09 23 00-0460	EA	2,000 SF Coverage, Low Temperature, Passive Infrared, Ceiling/Wall Mounted Occupancy Sensor (Watt Stopper CB-100)	333.89	28.91
26 09 23 00-0461		**Passive Infrared And Ultrasonic, Ceiling/Wall Mounted Occupancy Sensors** *(26 09 23 00-0457)*		
26 09 23 00-0462	EA	2,000 SF Coverage, Passive Infrared And Ultrasonic, Ceiling/Wall Mounted Occupancy Sensor (Watt Stopper DT-200)	310.21	28.91
26 09 23 00-0463		**Occupancy Sensor Power Packs** *(26 09 23 00-0400)*		
26 09 23 00-0464		**Single Voltage, Occupancy Sensor Power Packs** *(26 09 23 00-0463)*		
26 09 23 00-0465	EA	220 To 240 Volt AC, 20 Amperes, Occupancy Sensor Power Pack (Watt Stopper B230E-P)	106.67	25.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.42*	
26 09 23 00-0466	EA	347 Volt AC, 15 Amperes, Occupancy Sensor Power Pack (Watt Stopper B347D-P)	96.63	25.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.42*	
26 09 23 00-0467		**Auxiliary, Occupancy Sensor Power Packs** *(26 09 23 00-0463)*		
26 09 23 00-0468	EA	120, 277 Or 347 Volt AC, 20 Amperes, Auxiliary Occupancy Sensor Power Pack (Watt Stopper S120/277/347E-P)	88.36	25.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.42*	
26 09 23 00-0469		**Universal Voltage, Power Packs For Occupancy Sensors** *(26 09 23 00-0463)*		
26 09 23 00-0470	EA	120/277 Volt AC, 20 Amperes, Dual Voltage, Occupancy Sensor Power Pack (Watt Stopper BZ-100)	118.63	25.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.42*	
26 09 23 00-0471		**Form C, Occupancy Sensor Power Packs** *(26 09 23 00-0463)*		
26 09 23 00-0472	EA	120 Volt AC, Form C, Occupancy Sensor Power Pack (Watt Stopper A120C-P)	107.13	25.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.42*	
26 09 23 00-0473	EA	277 Volt AC, Form C, Occupancy Sensor Power Pack (Watt Stopper A277C-P)	107.21	25.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.42*	
26 09 23 00-0474		**Two Relay, Occupancy Sensor Power Packs** *(26 09 23 00-0463)*		
26 09 23 00-0475	EA	120 Volt AC, Two Relay, Occupancy Sensor Power Pack (Watt Stopper C120E-P)	136.23	25.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.42*	
26 09 23 00-0476	EA	277 Volt AC, Two Relay, Occupancy Sensor Power Pack (Watt Stopper C277E-P)	138.22	25.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.42*	
26 09 23 00-0477		**Occupancy Sensor Power Supplies** *(26 09 23 00-0463)*		
26 09 23 00-0478	EA	120 Volt AC, Occupancy Sensor Power Supply (Watt Stopper BZ-150)	119.19	25.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.42*	
26 09 23 00-0479	EA	277 Volt AC, Occupancy Sensor Power Supply (Watt Stopper AT-277)	283.35	25.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0480		Intelligent, Occupancy Sensor Power Packs *(26 09 23 00-0463)*		
26 09 23 00-0481	EA	120/277 Volt AC, Two Relays, Two Dimming Channels, Intelligent Occupancy Sensor Power Pack (Watt Stopper LC-100)	376.67	25.70
26 09 23 00-0482		DIN Rail Mounted, Occupancy Sensor Power Packs *(26 09 23 00-0463)*		
26 09 23 00-0483	EA	120/230/277 Volt AC, DIN Rail Mounted, Occupancy Sensor Power Pack (Watt Stopper BD-100)	117.49	25.70
26 09 23 00-0484		Occupancy Sensor Accessories *(26 09 23 00-0400)*		
26 09 23 00-0485		Protective Cages For Occupancy Sensors *(26 09 23 00-0484)*		
26 09 23 00-0486	EA	Protective Cage For Occupancy Sensors (Watt Stopper WC)	68.57	9.63
26 09 23 00-0487		Mounting Brackets For Occupancy Sensors *(26 09 23 00-0484)*		
26 09 23 00-0488	EA	Mounting Bracket For Occupancy Sensor (Watt Stopper MB) Note: Includes J-plate for mounting to HID fixtures or L-plate for mounting to fluorescent fixtures, walls, shelves and girders.	51.82	16.06
26 09 23 00-0489		Occupancy/Lighting Logger *(26 09 23 00-0484)* Note: Logs when a space is occupied/vacant and when lighting is on/off.		
26 09 23 00-0490	EA	Occupancy/Lighting Logger With Connector Cable (Watt Stopper IT-200)	512.66	54.61
26 09 23 00-0491		Digital Time Light Switches *(26 09 23 00-0400)*		
26 09 23 00-0492	EA	Preset Time, Wall Switch Mounted, Digital Time Light Switch (Watt Stopper TS-400)	110.49	12.85
26 09 23 00-0493		Digital High/Low Passive Infrared Fixture Integrated Outdoor Sensor *(26 09 23 00-0400)*		
26 09 23 00-0494	EA	Digital High/Low Passive Infrared Fixture Integrated Outdoor Sensor (Watt Stopper FSP-211)	240.07	41.76
26 09 23 00-0495		Occupancy Sensors (Sensor Switch) *(26 09 23)* Note: Includes testing of new devices and certification.		
26 09 23 00-0496		Occupancy Sensors (Sensor Switch) *(26 09 23 00-0495)* Note: Exclude boxes		
26 09 23 00-0497		Wall Switch Mount Occupancy Sensors (Sensor Switch) *(26 09 23 00-0496)*		
26 09 23 00-0498		Passive Infrared, Wall Switch Mount Occupancy Sensors (Sensor Switch) *(26 09 23 00-0497)*		
26 09 23 00-0499	EA	Single Pole, Low Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD LV)	225.21	12.85
		For Low Voltage Relay Option, Add	*18.14*	
		For Low Temp/High Humidity Option, Add	*15.11*	
26 09 23 00-0500	EA	Nightlight, Line Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD NL)	158.71	12.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.71*	
26 09 23 00-0501	EA	Single Pole, Line Voltage, Fully Automatic, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD)	151.39	12.85
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.71*	
26 09 23 00-0502	EA	Single Pole, Line Voltage, Semi-Automatic, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD SA)	151.39	12.85
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.71*	
26 09 23 00-0503	EA	2-Pole, Line Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD 2P)	191.96	12.85
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.71*	
26 09 23 00-0504	EA	Single Pole, Passive Infrared, Large Area, Wall Switch Mount Occupancy Sensor (Sensor Switch LWS)	191.96	12.85
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Low Temp/High Humidity Option, Add	*15.11*	
26 09 23 00-0505	EA	2-Pole, Passive Infrared, Large Area, Wall Switch Mount Occupancy Sensor (Sensor Switch LWS 2P)	233.54	12.85
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Low Temp/High Humidity Option, Add	*15.11*	
26 09 23 00-0506	EA	Single Pole, Passive Infrared, Internally Powered, Wall Switch Mount Occupancy Sensor (Sensor Switch IPD)	191.96	12.85
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Low Temp/High Humidity Option, Add	*15.11*	
26 09 23 00-0507		Dual Technology, Wall Switch Mount Occupancy Sensors (Sensor Switch) *(26 09 23 00-0497)* Note: Includes passive infrared and microphonics detection		
26 09 23 00-0508	EA	Single Pole, Low Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT LV)	291.71	12.85
		For Low Voltage Relay Option, Add	*18.14*	
		For Low Temp/High Humidity Option, Add	*15.11*	
26 09 23 00-0509	EA	Nightlight, Line Voltage, Dual Technology, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT NL)	225.21	12.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.71*	

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26 09 23 00-0510	EA	Single Pole, Line Voltage, Fully Automatic, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT)	220.24	12.85
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.71*	
26 09 23 00-0511	EA	Single Pole, Line Voltage, Semi-Automatic, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT SA)	220.24	12.85
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.71*	
26 09 23 00-0512	EA	2-Pole, Line Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT 2P)	258.46	12.85
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.71*	
26 09 23 00-0513	EA	Single Pole, Dual Technology, Large Area, Wall Switch Mount Occupancy Sensor (Sensor Switch LWS PDT)	258.46	12.85
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Low Temp/High Humidity Option, Add	*15.11*	
26 09 23 00-0514	EA	2-Pole, Dual Technology, Large Area, Wall Switch Mount Occupancy Sensor (Sensor Switch LWS PDT 2P)	278.41	12.85
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Low Temp/High Humidity Option, Add	*15.11*	
26 09 23 00-0515		**Wall Switch Mount Occupancy Sensor Accessories (Sensor Switch)** *(26 09 23 00-0497)*		
26 09 23 00-0516	EA	One Blank, 2-Gang, Plastic Switch Plate Cover For Occupancy Sensors (Sensor Switch WS BPX)	19.72	3.21
26 09 23 00-0517	EA	One Switch, 2-Gang, Plastic Switch Plate Cover For Occupancy Sensors (Sensor Switch WS SPX)	19.72	3.21
26 09 23 00-0518	EA	Two Blanks, 3-Gang, Plastic Switch Plate Cover For Occupancy Sensors (Sensor Switch WS BPX 3)	39.67	3.21
26 09 23 00-0519	EA	Two Switches, 3-Gang, Plastic Switch Plate Cover For Occupancy Sensors (Sensor Switch WS SPX 3)	39.67	3.21
26 09 23 00-0520		**360 Degree View Occupancy Sensors (Sensor Switch)** *(26 09 23 00-0496)*		
26 09 23 00-0521		**Passive Infrared, 360 Degree View Occupancy Sensors (Sensor Switch)** *(26 09 23 00-0520)*		
		Note: One photocell or dimming option per occupancy sensor		
26 09 23 00-0522	EA	Low Voltage, Passive Infrared, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CM 9)	257.33	28.91
		For Low Voltage Relay Option, Add	*18.14*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
		For Photocell Option With Dimming Capability, Add	*45.34*	
26 09 23 00-0523	EA	Low Voltage, Passive Infrared, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RM 9)	257.33	28.91
		For Low Voltage Relay Option, Add	*18.14*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
		For Photocell Option With Dimming Capability, Add	*45.34*	
26 09 23 00-0524	EA	Low Voltage, Passive Infrared, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMB 9)	257.33	28.91
		For Low Voltage Relay Option, Add	*18.14*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
		For Photocell Option With Dimming Capability, Add	*45.34*	
26 09 23 00-0525	EA	Single Pole, Line Voltage, Passive Infrared, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR 9)	273.96	28.91
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
		For Photocell Option With Dimming Capability, Add	*45.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.35*	
26 09 23 00-0526	EA	Single Pole, Line Voltage, Passive Infrared, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR 9)	273.96	28.91
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
		For Photocell Option With Dimming Capability, Add	*45.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.35*	
26 09 23 00-0527	EA	Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB 9)	220.75	28.91
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
		For Photocell Option With Dimming Capability, Add	*45.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.35*	
26 09 23 00-0528	EA	2-Pole, Line Voltage, Passive Infrared, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR 9 2P)	340.46	28.91
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Photocell Option With Dual Zone On/Off, Add	*45.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.35*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0529	EA	2-Pole, Line Voltage, Passive Infrared, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR 9 2P)	340.46	28.91
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Photocell Option With Dual Zone On/Off, Add	*45.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.35*	
26 09 23 00-0530	EA	2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB 9 2P)	287.26	28.91
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Photocell Option With Dual Zone On/Off, Add	*45.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.35*	
26 09 23 00-0531	EA	Low Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CM 10)	257.33	28.91
		For Low Voltage Relay Option, Add	*18.14*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
		For Photocell Option With Dimming Capability, Add	*45.34*	
26 09 23 00-0532	EA	Low Voltage, Passive Infrared, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RM 10)	257.33	28.91
		For Low Voltage Relay Option, Add	*18.14*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
		For Photocell Option With Dimming Capability, Add	*45.34*	
26 09 23 00-0533	EA	Low Voltage, Passive Infrared, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMB 10)	257.33	28.91
		For Low Voltage Relay Option, Add	*18.14*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
		For Photocell Option With Dimming Capability, Add	*45.34*	
26 09 23 00-0534	EA	Single Pole, Line Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR 10)	273.96	28.91
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
		For Photocell Option With Dimming Capability, Add	*45.34*	
26 09 23 00-0535	EA	Single Pole, Line Voltage, Passive Infrared, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR 10)	273.96	28.91
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
		For Photocell Option With Dimming Capability, Add	*45.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.35*	
26 09 23 00-0536	EA	Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB 10)	220.75	28.91
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
		For Photocell Option With Dimming Capability, Add	*45.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.35*	
26 09 23 00-0537	EA	2-Pole, Line Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR 10 2P)	340.46	28.91
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Photocell Option With Dual Zone On/Off, Add	*45.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.35*	
26 09 23 00-0538	EA	2-Pole, Line Voltage, Passive Infrared, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR 10 2P)	340.46	28.91
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Photocell Option With Dual Zone On/Off, Add	*45.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.35*	
26 09 23 00-0539	EA	2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB 10 2P)	287.26	28.91
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Photocell Option With Dual Zone On/Off, Add	*45.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.35*	

26 09 23 00-0540 Dual Technology, 360 Degree View Occupancy Sensors (Sensor Switch) *(26 09 23 00-0520)*

Note: One photocell or dimming option per occupancy sensor. Includes passive infrared and microphonics detection

26 09 23 00-0541	EA	Low Voltage, Dual Technology, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CM PDT 9)	323.83	28.91
		For Low Voltage Relay Option, Add	*18.14*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
		For Photocell Option With Dimming Capability, Add	*45.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0542	EA	Low Voltage, Dual Technology, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RM PDT 9)	323.83	28.91
		For Low Voltage Relay Option, Add	*18.14*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
		For Photocell Option With Dimming Capability, Add	*45.34*	
26 09 23 00-0543	EA	Low Voltage, Dual Technology, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMB PDT 9)	323.83	28.91
		For Low Voltage Relay Option, Add	*18.14*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
		For Photocell Option With Dimming Capability, Add	*45.34*	
26 09 23 00-0544	EA	Single Pole, Line Voltage, Dual Technology, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR PDT 9)	307.21	28.91
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
		For Photocell Option With Dimming Capability, Add	*45.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.35*	
26 09 23 00-0545	EA	Single Pole, Line Voltage, Dual Technology, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR PDT 9)	307.21	28.91
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
		For Photocell Option With Dimming Capability, Add	*45.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.35*	
26 09 23 00-0546	EA	Single Pole, Line Voltage, Dual Technology, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB PDT 9)	254.00	28.91
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
		For Photocell Option With Dimming Capability, Add	*45.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.35*	
26 09 23 00-0547	EA	2-Pole, Line Voltage, Dual Technology, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR PDT 9 2P)	373.71	28.91
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Photocell Option With Dual Zone On/Off, Add	*45.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.35*	
26 09 23 00-0548	EA	2-Pole, Line Voltage, Dual Technology, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR PDT 9 2P)	373.71	28.91
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Photocell Option With Dual Zone On/Off, Add	*45.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.35*	
26 09 23 00-0549	EA	2-Pole, Line Voltage, Dual Technology, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB PDT 9 2P)	320.51	28.91
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Photocell Option With Dual Zone On/Off, Add	*45.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.35*	
26 09 23 00-0550	EA	Low Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CM PDT 10)	323.83	28.91
		For Low Voltage Relay Option, Add	*18.14*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
		For Photocell Option With Dimming Capability, Add	*45.34*	
26 09 23 00-0551	EA	Low Voltage, Dual Technology, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RM PDT 10)	323.83	28.91
		For Low Voltage Relay Option, Add	*18.14*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
		For Photocell Option With Dimming Capability, Add	*45.34*	
26 09 23 00-0552	EA	Low Voltage, Dual Technology, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMB PDT 10)	323.83	28.91
		For Low Voltage Relay Option, Add	*18.14*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
		For Photocell Option With Dimming Capability, Add	*45.34*	
26 09 23 00-0553	EA	Single Pole, Line Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR PDT 10)	307.21	28.91
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
		For Photocell Option With Dimming Capability, Add	*45.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0554	EA	Single Pole, Line Voltage, Dual Technology, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR PDT 10)	307.21	28.91
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
		For Photocell Option With Dimming Capability, Add	*45.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.35*	
26 09 23 00-0555	EA	Single Pole, Line Voltage, Dual Technology, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB PDT 10)	254.00	28.91
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
		For Photocell Option With Dimming Capability, Add	*45.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.35*	
26 09 23 00-0556	EA	2-Pole, Line Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR PDT 10 2P)	373.71	28.91
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Photocell Option With Dual Zone On/Off, Add	*45.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.35*	
26 09 23 00-0557	EA	2-Pole, Line Voltage, Dual Technology, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR PDT 10 2P)	373.71	28.91
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Photocell Option With Dual Zone On/Off, Add	*45.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.35*	
26 09 23 00-0558	EA	2-Pole, Line Voltage, Dual Technology, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB PDT 10 2P)	320.51	28.91
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Photocell Option With Dual Zone On/Off, Add	*45.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.35*	

26 09 23 00-0559 Wide View And Hallway Occupancy Sensors (Sensor Switch) *(26 09 23 00-0496)*

26 09 23 00-0560 Passive Infrared, Wide View And Hallway Occupancy Sensors (Sensor Switch) *(26 09 23 00-0559)*

26 09 23 00-0561	EA	Low Voltage, Passive Infrared, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WV 16)	257.33	28.91
		For Low Voltage Relay Option, Add	*18.14*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Ceiling Mount, Add	*30.23*	
		For Low Temp/High Humidity Option, Add	*15.11*	
26 09 23 00-0562	EA	Low Voltage, Passive Infrared, Wall Mount, Hallway Occupancy Sensor (Sensor Switch HW 13)	290.58	28.91
		For Low Voltage Relay Option, Add	*18.14*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Ceiling Mount, Add	*30.23*	
		For Low Temp/High Humidity Option, Add	*15.11*	
26 09 23 00-0563	EA	Line Voltage, Passive Infrared, Wall Mount, Hallway Occupancy Sensor (Sensor Switch HWR 13)	357.08	28.91
		For Ceiling Mount, Add	*30.23*	
		For Low Temp/High Humidity Option, Add	*15.11*	
26 09 23 00-0564	EA	Single Pole, Line Voltage, Passive Infrared, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WVR 16)	340.46	28.91
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Ceiling Mount, Add	*30.23*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.35*	
26 09 23 00-0565	EA	2-Pole, Line Voltage, Passive Infrared, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WVR 16 2P)	406.96	28.91
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Ceiling Mount, Add	*30.23*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.35*	

26 09 23 00-0566 Dual Technology, Wide View And Hallway Occupancy Sensors (Sensor Switch) *(26 09 23 00-0559)*

Note: Includes passive infrared and microphonics detection

26 09 23 00-0567	EA	Low Voltage, Dual Technology, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WV PDT 16)	323.83	28.91
		For Low Voltage Relay Option, Add	*18.14*	
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Ceiling Mount, Add	*30.23*	
		For Low Temp/High Humidity Option, Add	*15.11*	
26 09 23 00-0568	EA	Single Pole, Line Voltage, Dual Technology, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WVR PDT 16)	373.71	28.91
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Ceiling Mount, Add	*30.23*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.35*	
26 09 23 00-0569	EA	2-Pole, Line Voltage, Dual Technology, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WVR PDT 16 2P)	440.21	28.91
		For Photocell (Inhibit Mode Only) Option, Add	*18.14*	
		For Ceiling Mount, Add	*30.23*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0570		High Bay Occupancy Sensors (Sensor Switch) *(26 09 23 00-0496)*		
26 09 23 00-0571		Passive Infrared, High Bay Occupancy Sensors (Sensor Switch) *(26 09 23 00-0570)*		
26 09 23 00-0572	EA	Low Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CM 6)	257.33	28.91
		For Photocell Option, Add	*30.23*	
		For Low Voltage Relay Option, Add	*18.14*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
26 09 23 00-0573	EA	Low Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RM 6)	257.33	28.91
		For Photocell Option, Add	*30.23*	
		For Low Voltage Relay Option, Add	*18.14*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
26 09 23 00-0574	EA	Low Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMB 6)	257.33	28.91
		For Photocell Option, Add	*30.23*	
		For Low Voltage Relay Option, Add	*18.14*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
26 09 23 00-0575	EA	Single Pole, Line Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMR 6)	220.75	28.91
		For Photocell Option, Add	*30.23*	
		For Start To High, HID Option, Add	*18.14*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.35*	
26 09 23 00-0576	EA	Single Pole, Line Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RMR 6)	220.75	28.91
		For Photocell Option, Add	*30.23*	
		For Start To High, HID Option, Add	*18.14*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.35*	
26 09 23 00-0577	EA	Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMRB 6)	220.75	28.91
		For Photocell Option, Add	*30.23*	
		For Start To High, HID Option, Add	*18.14*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.35*	
26 09 23 00-0578	EA	2-Pole, Line Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMR 6 2P)	287.26	28.91
		For Photocell Option, Add	*30.23*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.35*	
26 09 23 00-0579	EA	2-Pole, Line Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RMR 6 2P)	287.26	28.91
		For Photocell Option, Add	*30.23*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.35*	
26 09 23 00-0580	EA	2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMRB 6 2P)	287.26	28.91
		For Photocell Option, Add	*30.23*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.35*	
26 09 23 00-0581	EA	208/240 Volt AC, Line Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMR 6 208)	244.03	28.91
		For Photocell Option, Add	*30.23*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.35*	
26 09 23 00-0582	EA	208/240 Volt AC, Line Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RMR 6 208)	244.03	28.91
		For Photocell Option, Add	*30.23*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.35*	
26 09 23 00-0583	EA	208/240 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMRB 6 208)	244.03	28.91
		For Photocell Option, Add	*30.23*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.35*	
26 09 23 00-0584	EA	480 Volt AC, Line Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMR 6 480)	244.03	28.91
		For Photocell Option, Add	*30.23*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.35*	
26 09 23 00-0585	EA	480 Volt AC, Line Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RMR 6 480)	244.03	28.91
		For Photocell Option, Add	*30.23*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0586	EA	480 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMRB 6 480)	244.03	28.91
		For Photocell Option, Add	*30.23*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.35*	
26 09 23 00-0587	EA	Low Voltage, Passive Infrared, Surface Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HM 50)	290.58	28.91
		For Low Voltage Relay Option, Add	*18.14*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
26 09 23 00-0588	EA	Low Voltage, Passive Infrared, Recessed Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RM 50)	290.58	28.91
		For Low Voltage Relay Option, Add	*18.14*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
26 09 23 00-0589	EA	Low Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMB 50)	290.58	28.91
		For Photocell Option, Add	*30.23*	
		For Low Voltage Relay Option, Add	*18.14*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
26 09 23 00-0590	EA	Single Pole, Line Voltage, Passive Infrared, Surface Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMR 50)	353.76	28.91
		For Start To High, HID Option, Add	*18.14*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.35*	
26 09 23 00-0591	EA	Single Pole, Line Voltage, Passive Infrared, Recessed Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RMR 50)	353.76	28.91
		For Start To High, HID Option, Add	*18.14*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.35*	
26 09 23 00-0592	EA	Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMRB 50)	353.76	28.91
		For Photocell Option, Add	*30.23*	
		For Start To High, HID Option, Add	*18.14*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.35*	
26 09 23 00-0593	EA	2-Pole, Line Voltage, Recessed Mount, Passive Infrared, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RMR 50 2P)	310.53	28.91
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.35*	
26 09 23 00-0594	EA	2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMRB 50 2P)	310.53	28.91
		For Photocell Option, Add	*30.23*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.35*	
26 09 23 00-0595	EA	208/240 Volt AC, Line Voltage, Passive Infrared, Recessed Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RMR 50 208)	260.65	28.91
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.35*	
26 09 23 00-0596	EA	208/240 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMRB 50 208)	260.65	28.91
		For Photocell Option, Add	*30.23*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.35*	
26 09 23 00-0597	EA	480 Volt AC, Line Voltage, Passive Infrared, Recessed Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RMR 50 480)	260.65	28.91
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.35*	
26 09 23 00-0598	EA	480 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMRB 50 480)	260.65	28.91
		For Photocell Option, Add	*30.23*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.35*	
26 09 23 00-0599	EA	Low Voltage, Passive Infrared, Surface Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HM 10)	290.58	28.91
		For Low Voltage Relay Option, Add	*18.14*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
26 09 23 00-0600	EA	Low Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMB 10)	290.58	28.91
		For Low Voltage Relay Option, Add	*18.14*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
26 09 23 00-0601	EA	Single Pole, Line Voltage, Passive Infrared, Surface Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMR 10)	353.76	28.91
		For Start To High, HID Option, Add	*18.14*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0602	EA	Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMRB 10)	353.76	28.91
		For Start To High, HID Option, Add	*18.14*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Occupancy Controlled Dimming Option, Add	*30.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.35*	
26 09 23 00-0603	EA	2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMRB 10 2P)	340.46	28.91
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.35*	
26 09 23 00-0604	EA	480 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMRB 10 480)	307.21	28.91
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.35*	
26 09 23 00-0605	EA	208/240 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMRB 10 208)	307.21	28.91
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.35*	

26 09 23 00-0606 Occupancy Sensor Power Packs (Sensor Switch) *(26 09 23 00-0495)*

26 09 23 00-0607	EA	Single Pole, 20 Amperes, 120/277 Volt AC, Occupancy Sensor Power Pack With Relay Circuit Protection (Sensor Switch PP20)	144.50	25.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.42*	
26 09 23 00-0608	EA	2-Pole, 20 Amperes, 120/277 Volt AC, Occupancy Sensor Power Pack With Relay Circuit Protection (Sensor Switch PP20 2P)	211.01	25.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.42*	
26 09 23 00-0609	EA	Single Pole, 20 Amperes, 120/277 Volt AC, Occupancy Sensor Power Pack Without Relay Circuit Protection (Sensor Switch MP20)	111.25	25.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.42*	
26 09 23 00-0610	EA	2-Pole, 20 Amperes, 120/277 Volt AC, Occupancy Sensor Slave Pack Without Relay Circuit Protection (Sensor Switch MSP20)	101.28	25.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.42*	
26 09 23 00-0611	EA	20 Amperes, 120/277 Volt AC, Occupancy Sensor Slave Pack (Sensor Switch SP20)	134.53	25.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.42*	
26 09 23 00-0612	EA	120/277 Volt AC, High Intensity Discharge (HID) Power Pack With 20 Minute Start To High Override (Sensor Switch PP20 SH)	217.66	25.70
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.42*	
26 09 23 00-0613	EA	120/277 Volt AC, 2-Pole, Power Pack With Alternating Relays (Sensor Switch PP 2PAR)	217.66	25.70
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.42*	
26 09 23 00-0614	EA	120/277 Volt AC, Power Pack With Momentary Contacts For Latching Contactors Or Relays (Sensor Switch PP 2PM)	217.66	25.70
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.42*	

26 09 23 00-0615 Daylighting Control (Sensor Switch) *(26 09 23 00-0495)*

26 09 23 00-0616	EA	Low Voltage, Ceiling Mount, On-Off Switching Photocell (Sensor Switch CM PC)	224.08	28.91
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Dual Zone Option, Add	*45.34*	
26 09 23 00-0617	EA	Low Voltage, Recessed Mount, On-Off Switching Photocell (Sensor Switch RM PC)	224.08	28.91
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Dual Zone Option, Add	*45.34*	
26 09 23 00-0618	EA	Low Voltage, Fixture (Box) Mount, On-Off Switching Photocell (Sensor Switch CMB PC)	224.08	28.91
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Dual Zone Option, Add	*45.34*	
26 09 23 00-0619	EA	Line Voltage, Ceiling Mount, On-Off Switching Photocell (Sensor Switch CMR PC)	224.08	28.91
		For 480 Volt AC Option, Add	*21.16*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Dual Zone Option, Add	*45.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.35*	
26 09 23 00-0620	EA	Line Voltage, Recessed Mount, On-Off Switching Photocell (Sensor Switch RMR PC)	224.08	28.91
		For 480 Volt AC Option, Add	*21.16*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Dual Zone Option, Add	*45.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.35*	
26 09 23 00-0621	EA	Line Voltage, Fixture (Box) Mount, On-Off Switching Photocell (Sensor Switch CMRB PC)	224.08	28.91
		For 480 Volt AC Option, Add	*21.16*	
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Dual Zone Option, Add	*45.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.35*	
26 09 23 00-0622	EA	Low Voltage, Ceiling Mount, Automatic Dimming Control Photocell (Sensor Switch CM ADC)	224.08	28.91
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Dual Zone Option, Add	*45.34*	
26 09 23 00-0623	EA	Low Voltage, Recessed Mount, Automatic Dimming Control Photocell (Sensor Switch RM ADC)	224.08	28.91
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Dual Zone Option, Add	*45.34*	
26 09 23 00-0624	EA	Low Voltage, Fixture (Box) Mount, Automatic Dimming Control Photocell (Sensor Switch CMB ADC)	224.08	28.91
		For Low Temp/High Humidity Option, Add	*15.11*	
		For Dual Zone Option, Add	*45.34*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0625		EA	Line Voltage, Ceiling Mount, Automatic Dimming Control Photocell (Sensor Switch CMR ADC)	224.08	28.91
			For Low Temp/High Humidity Option, Add	*15.11*	
			For Dual Zone Option, Add	*45.34*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.35*	
26 09 23 00-0626		EA	Line Voltage, Recessed Mount, Automatic Dimming Control Photocell (Sensor Switch RMR ADC)	224.08	28.91
			For Low Temp/High Humidity Option, Add	*15.11*	
			For Dual Zone Option, Add	*45.34*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.35*	
26 09 23 00-0627		EA	Line Voltage, Fixture (Box) Mount, Automatic Dimming Control Photocell (Sensor Switch CMRB ADC)	224.08	28.91
			For Low Temp/High Humidity Option, Add	*15.11*	
			For Dual Zone Option, Add	*45.34*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.35*	
26 09 23 00-0628		EA	Low Voltage, Ceiling Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch CM PC ADC)	323.83	28.91
			For Low Temp/High Humidity Option, Add	*15.11*	
			For Dual Zone Option, Add	*45.34*	
26 09 23 00-0629		EA	Low Voltage, Recessed Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch RM PC ADC)	323.83	28.91
			For Low Temp/High Humidity Option, Add	*15.11*	
			For Dual Zone Option, Add	*45.34*	
26 09 23 00-0630		EA	Low Voltage, Fixture (Box) Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch CMB PC ADC)	323.83	28.91
			For Low Temp/High Humidity Option, Add	*15.11*	
			For Dual Zone Option, Add	*45.34*	
26 09 23 00-0631		EA	Line Voltage, Ceiling Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch CMR PC ADC)	323.83	28.91
			For Low Temp/High Humidity Option, Add	*15.11*	
			For Dual Zone Option, Add	*45.34*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.35*	
26 09 23 00-0632		EA	Line Voltage, Recessed Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch RMR PC ADC)	323.83	28.91
			For Low Temp/High Humidity Option, Add	*15.11*	
			For Dual Zone Option, Add	*45.34*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.35*	
26 09 23 00-0633		EA	Line Voltage, Fixture (Box) Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch CMRB PC ADC)	323.83	28.91
			For Low Temp/High Humidity Option, Add	*15.11*	
			For Dual Zone Option, Add	*45.34*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.35*	

26 09 23 00-0634 Occupancy Sensors (Sensor Switch nLight®) *(26 09 23)*

Note: Includes testing of new devices and certification.

26 09 23 00-0635 Occupancy Sensors (Sensor Switch nLight®) *(26 09 23 00-0634)*

Note: Excludes boxes.

26 09 23 00-0636 Wall Switch Mount Occupancy Sensors (Sensor Switch nLight®) *(26 09 23 00-0635)*

26 09 23 00-0637 Dual Technology, Wall Switch Mount Occupancy Sensors (Sensor Switch nLight®) *(26 09 23 00-0636)*

Note: Includes passive infrared and microphonics detection

26 09 23 00-0638		EA	Low Voltage, Dual Technology, Wall Switch Mount Occupancy Sensor With Raise/Lower Dim Control (Sensor Switch nLight® nWSX PDT LV DX)	350.34	12.85

26 09 23 00-0639 360 Degree View Occupancy Sensors (Sensor Switch nLight®) *(26 09 23 00-0635)*

26 09 23 00-0640 Passive Infrared, 360 Degree View Occupancy Sensors (Sensor Switch nLight®) *(26 09 23 00-0639)*

Note: One photocell or dimming option per occupancy sensor

26 09 23 00-0641		EA	Low Voltage, Passive Infrared, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch nLight® nCM 9)	414.56	28.91
26 09 23 00-0642		EA	Low Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch nLight® nCM 10)	414.56	28.91
26 09 23 00-0643		EA	Low Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor With Auto Dimming Control Photocell (Sensor Switch nLight® nCM 10 ADC)	414.56	28.91

26 09 23 00-0644 Dual Technology, 360 Degree View Occupancy Sensors (Sensor Switch nLight®) *(26 09 23 00-0639)*

Note: One photocell or dimming option per occupancy sensor. Includes passive infrared and microphonics detection

26 09 23 00-0645		EA	Low Voltage, Dual Technology, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch nLight® nCM PDT 9)	485.90	28.91
26 09 23 00-0646		EA	Low Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch nLight® nCM PDT 10)	485.90	28.91
26 09 23 00-0647		EA	2-Channel, Low Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch nLight® nCM PDT 10 2P)	503.71	28.91

26 09 23 00-0648 Wide View And Hallway Occupancy Sensors (Sensor Switch nLight®) *(26 09 23 00-0635)*

26 09 23 00-0649 Dual Technology, Wide View And Hallway Occupancy Sensors (Sensor Switch nLight®) *(26 09 23 00-0648)*

Note: Includes passive infrared and microphonics detection

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0650	EA	Low Voltage, Dual Technology, Corner/Ceiling Mount, Wide View Occupancy Sensor (Sensor Switch nLight® nWV PDT 16)	485.90	28.91
26 09 23 00-0651		**High Bay Occupancy Sensors (Sensor Switch nLight®)** *(26 09 23 00-0635)*		
26 09 23 00-0652		**Passive Infrared, High Bay Occupancy Sensors (Sensor Switch nLight®)** *(26 09 23 00-0651)*		
26 09 23 00-0653	EA	Low Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch nLight® nCMB 6)	414.56	28.91
26 09 23 00-0654		**Occupancy Sensor Power Packs (Sensor Switch nLight®)** *(26 09 23 00-0634)*		
26 09 23 00-0655	EA	150mA At 15 Volt DC Output, 120-277 Volt AC Input, Standard Power Supply (Sensor Switch nLight® PS-150)	140.58	25.70
26 09 23 00-0656	EA	250mA At 15 Volt DC Output, 120-277 Volt AC Input, Standard Power Supply (Sensor Switch nLight® PS-250)	176.29	25.70
26 09 23 00-0657	EA	30mA/Port At 15 Volt DC Output, 120-277 Volt AC Input, Dimming Power Pack (Sensor Switch nLight® nEPP5 D KO)	236.90	25.70
26 09 23 00-0658	EA	System Power Pack and Relay, Switching Module (Sensor Switch nLight® nPP 16)	236.90	25.70
26 09 23 00-0659		**Occupancy Sensor Accessories (Sensor Switch nLight®)** *(26 09 23 00-0634)*		
26 09 23 00-0660	EA	RS232 AV Integrator (Sensor Switch nLight® nIO X)	503.71	28.91
26 09 23 00-0661	EA	8 Port, Aggregation Bridge With Power Supply (Sensor Switch nLight® nBRG 8 KIT)	405.42	28.91
26 09 23 00-0662		**Daylighting Controls (Sensor Switch nLight®)** *(26 09 23 00-0634)*		
26 09 23 00-0663	EA	Low Voltage, Ceiling Mount, Automatic Dimming Control Photocell (Sensor Switch nLight® nCM ADC)	343.21	28.91
26 09 23 00-0664		**Controls (Sensor Switch nLight®)** *(26 09 23 00-0634)*		
26 09 23 00-0665	EA	On/Off And Raise/Lower Control, Push Button Digital Wall Switch, WallPod® Station (Sensor Switch nLight® nPODM DX)	225.49	28.91
26 09 23 00-0666	EA	1 Scene Controller (2 Buttons), Push Button Digital Wall Switch, WallPod® Station (Sensor Switch nLight® nPODM 1SB)	325.40	28.91
26 09 23 00-0667	EA	On/Off Push Button Digital Wall Switch, WallPod® Station (Sensor Switch nLight® nPODM)	753.46	28.91
26 09 23 00-0668	EA	3-1/2" Screen, High Resolution Touch Screen Controller, WallPod® Station (Sensor Switch nLight® nPOD GFX)	753.46	28.91
26 09 23 00-0669	EA	3-1/2" Screen, Touch Screen Clock And Network Interface Controller, Gateway (Sensor Switch nLight® nGWY2)	2,822.54	28.91
26 09 23 00-0670		**Occupancy Sensors (Lutron)** *(26 09 23)* Note: Includes testing of new devices and certification.		
26 09 23 00-0671		**Wireless Occupancy Sensors** *(26 09 23 00-0670)*		
26 09 23 00-0672	EA	Wireless, Passive Infrared, Ceiling Mount, 360 Degree View Occupancy/Vacancy Sensor (Lutron® LRF2-OCR2B-P-WH)	167.58	28.91
26 09 23 00-0673	EA	Wireless, Passive Infrared, Ceiling Mount, 360 Degree View Vacancy Sensor (Lutron® LRF2-VCR2B-P-WH)	174.96	28.91
26 09 23 00-0674	EA	Wireless, Passive Infrared, Hallway Wall Mount, Occupancy/Vacancy Sensor (Lutron® LRF2-OHLB-P-WH)	169.33	28.91
26 09 23 00-0675	EA	Wireless, Passive Infrared, Hallway Wall Mount, Vacancy Sensor (Lutron® LRF2-VHLB-P-WH)	179.09	28.91
26 09 23 00-0676	EA	Wireless, Passive Infrared, 90 Degree Corner Mount, Occupancy/Vacancy Sensor (Lutron® LRF2-OKLB-P-WH)	171.52	28.91
26 09 23 00-0677	EA	Wireless, Passive Infrared, 90 Degree Corner Mount, Vacancy Sensor (Lutron® LRF2-VKLB-P-WH)	179.09	28.91
26 09 23 00-0678	EA	Wireless, Passive Infrared, 180 Degree Wall Mount, Occupancy/Vacancy Sensor (Lutron® LRF2-OWLB-P-WH)	167.58	28.91
26 09 23 00-0679	EA	Wireless, Passive Infrared, 180 Degree Wall Mount, Vacancy Sensor (Lutron® LRF2-VWLB-P-WH)	171.52	28.91
26 09 23 00-0680	EA	Wireless, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Lutron® FHB140NP24V)	169.33	28.91
26 09 23 00-0681	EA	Wireless, Dual Technology, Ceiling Mount, 500 SF Coverage, 180 Degree View Occupancy Sensor (Lutron® LOS-CDT-500-WH)	261.18	28.91
26 09 23 00-0682	EA	Wireless, Dual Technology, Ceiling Mount, 500 SF Coverage, 180 Degree View Occupancy Sensor With Relay (Lutron® LOS-CDT-500R-WH)	278.68	28.91
26 09 23 00-0683	EA	Wireless, Dual Technology, Ceiling Mount, 1,000 SF Coverage, 180 Degree View Occupancy Sensor (Lutron® LOS-CDT-1000-WH)	318.04	28.91
26 09 23 00-0684	EA	Wireless, Dual Technology, Ceiling Mount, 1,000 SF Coverage, 180 Degree View Occupancy Sensor With Relay (Lutron® LOS-CDT-1000R-WH)	335.54	28.91
26 09 23 00-0685	EA	Wireless, Dual Technology, Ceiling Mount, 2,000 SF Coverage, 360 Degree View Occupancy Sensor (Lutron® LOS-CDT-2000-WH)	344.29	28.91
26 09 23 00-0686	EA	Wireless, Dual Technology, Ceiling Mount, 2,000 SF Coverage, 360 Degree View Occupancy Sensor With Relay (Lutron® LOS-CDT-2000R-WH)	361.78	28.91
26 09 23 00-0687	EA	Wireless, Passive Infrared, Ceiling Mount, 450 SF Coverage, 360 Degree View Occupancy Sensor (Lutron® LOS-CIR-450-WH)	206.07	28.91
26 09 23 00-0688	EA	Wireless, Passive Infrared, Ceiling Mount, 1,000 SF Coverage, 360 Degree View Occupancy Sensor (Lutron® LOS-CIR-1500-WH)	217.44	28.91
26 09 23 00-0689	EA	Wireless, Ultrasonic, Ceiling Mount, 500 SF Coverage, 180 Degree View Occupancy Sensor (Lutron® LOS-CUS-500-WH)	254.62	28.91
26 09 23 00-0690	EA	Wireless, Ultrasonic, Ceiling Mount, 1,000 SF Coverage, 180 Degree View Occupancy Sensor (Lutron® LOS-CUS-1000-WH)	283.05	28.91
26 09 23 00-0691	EA	Wireless, Ultrasonic, Ceiling Mount, 2,000 SF Coverage, 360 Degree View Occupancy Sensor (Lutron® LOS-CUS-2000-WH)	304.92	28.91
26 09 23 00-0692	EA	Wireless, Passive Infrared, 1,600 SF Coverage, 110 Degree Wall Mount, Occupancy Sensor (Lutron® LOS-WIR-WH)	263.37	28.91
26 09 23 00-0693	EA	Wireless, Passive Infrared, RF Daylight Sensor (Lutron® LRF2-DCRB-WH)	242.13	28.91
26 09 23 00-0694	EA	Wireless, Dual Technology, Wall Mount, 1,000 SF Coverage, 180 Degree View Occupancy Sensor (Lutron® LOS-SIR-HD-WH)	202.61	28.91
26 09 23 00-0695	EA	Wireless, Dual Technology, Wall Mount, 1,000 SF Coverage, 180 Degree View Occupancy Sensor, Dual Circuit (Lutron® LOS-S2IR-HD-WH)	249.21	28.91

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0696	EA	Wireless, Switch and Ceiling Retrofit Sensor (Lutron® MRF2-1S8A-10C)	302.44	28.91
26 09 23 00-0697	EA	Wireless, Switch and Hallway Retrofit Sensor (Lutron® MRF2-1S8A-10H)	320.97	28.91
26 09 23 00-0698	EA	Wireless, Switch and Corner Retrofit Sensor (Lutron® MRF2-1S8A-10K)	320.97	28.91
26 09 23 00-0699	EA	Wireless, Switch and Wall Retrofit Sensor (Lutron® MRF2-1S8A-10W)	320.97	28.91
26 09 23 00-0700	EA	Wireless, Switch and Vacancy Retrofit Sensor (Lutron® MRF2-1S8A-10V)	337.94	28.91
26 09 23 00-0701	EA	Wireless, Two Switchs and Wall Retrofit Sensor (Lutron® MRF2-2S8A-10W)	548.08	41.76
26 09 23 00-0702		**Nodes And Modules** *(26 09 23 00-0670)*		
26 09 23 00-0703	EA	0 Wired Inputs, Ceiling Mount, QS Sensor Module (Lutron® QSM2-XW-C)	272.12	28.91
26 09 23 00-0704	EA	0 Wired Inputs, Junction Box Ceiling Mount, QS Sensor Module (Lutron® QSM2-XW-J)	272.12	28.91
26 09 23 00-0705	EA	4 Wired Inputs, Ceiling Mount, QS Sensor Module (Lutron® QSM2-4W-C)	344.29	28.91
26 09 23 00-0706	EA	4 Wired Inputs, Junction Box Ceiling Mount, QS Sensor Module (Lutron® QSM2-4W-J)	344.29	28.91
26 09 23 00-0707	EA	120 Volt, Gang Box Mount, 3-Wire Fluorescent Power Module (Lutron® PHPM-3F-120-WH)	440.37	32.13
26 09 23 00-0708	EA	120 Volt, Gang Box Mount, Switching Power Module (Lutron® PHPM-SW-DV-WH)	440.37	32.13
26 09 23 00-0709	EA	120 Volt, Gang Box Mount, Phase Adaptive Power Module (Lutron® PHPM-PA-120-WH)	534.41	32.13
26 09 23 00-0710	EA	120 Volt, Gang Box Mount, Phase Adaptive Power Module With 3-Wire Fluorescent Input (Lutron® PHPM-WBX-120-WH)	547.53	32.13
26 09 23 00-0711	EA	120/277 Volt, Gang Box Mount, 3-Wire Fluorescent Power Module (Lutron® PHPM-3F-DV-WH)	676.56	32.13
26 09 23 00-0712	EA	120/277 Volt, Gang Box Mount, Phase Adaptive Power Module (Lutron® PHPM-PA-DV-WH)	718.11	32.13
26 09 23 00-0713	EA	120/277 Volt, Gang Box Mount, Phase Adaptive Power Module With 3-Wire Fluorescent Input (Lutron® PHPM-WBX-DV-WH)	759.67	32.13
26 09 23 00-0714	EA	1 Circuit, Surface Mount, HP Hi-Power Dimming Module System (Lutron® HP-2)	2,054.63	51.40
26 09 23 00-0715	EA	2 Circuits, Surface Mount, HP Hi-Power Dimming Module System (Lutron® HP-4)	2,018.29	57.82
26 09 23 00-0716	EA	3 Circuits, Surface Mount, HP Hi-Power Dimming Module System (Lutron® HP-6)	2,960.59	64.24
26 09 23 00-0717		**Other Accessories** *(26 09 23 00-0670)*		
26 09 23 00-0718	EA	Pico® Wireless Control Wallplate Adapter (Lutron® PJ)	43.24	
26 09 23 00-0719	EA	Pico® Wireless Control (Lutron® PJ)	55.94	
26 09 23 00-0720	EA	4-Scene Wireless Remote Control (Lutron® GRX-IT-WH)	165.91	
26 09 23 00-0721	EA	8-Scene Wireless Remote Control (Lutron® GRX-8IT-WH)	316.81	
26 09 23 00-0722	EA	4 Button, EcoSystem® Wall Control With Raise/Lower (Lutron® CC-4BRL)	331.67	28.91
26 09 23 00-0723	EA	seeTouch® QS Wallstation (Lutron® QSWS2)	420.31	28.91
26 09 23 00-0724	EA	seeTouch® QS Wallstation With Infrared Receiver (Lutron® QSWS2)	420.31	28.91
26 09 23 00-0725	EA	120/277 Volt, Energi Savr Node™ With Softswitch®, Fixture Controller (Lutron® QSN-4S16-S)	689.68	32.13
26 09 23 00-0726	EA	120/277 Volt, Energi Savr Node™ For 0-10 V Models, Fixture Controller (Lutron® QSN-4T16-S)	945.56	32.13
26 09 23 00-0727	EA	Control Interface (Lutron® QSE-CI-NWK-E)	1,138.15	28.91
26 09 23 00-0728	EA	1 EcoSystem® Digital Link, Energi Savr Node™, Digital Fixture Controller (Lutron® QSN-1ECO-S)	1,129.42	28.91
26 09 23 00-0729	EA	2 EcoSystem® Digital Links, Energi Savr Node™, Digital Fixture Controller (Lutron® QSN-2ECO-S)	1,512.14	28.91
26 09 23 00-0730	MLF	5 Conductor, Non-Plenum, Low Voltage Grafik Eye Cable (Lutron® GRX-CBL-346S)	2,452.20	898.07
26 09 23 00-0731	MLF	5 Conductor, Plenum Rated, Low Voltage Grafik Eye Cable (Lutron® GRX-PCBL-346S)	3,326.98	898.07
26 09 23 00-0732		**Fixture Mounted Occupancy Sensors (Leviton)** *(26 09 23)* Note: Includes testing of new devices and certification.		
26 09 23 00-0733	EA	120-347 Volt, Passive Infrared, Fixture Mount, 360 Degree View, High Bay Occupancy Sensor (Leviton® OSFHU-ITW)	160.58	28.91
26 09 23 00-0734	EA	480 Volt, Passive Infrared, Fixture Mount, 360 Degree View, High Bay Occupancy Sensor (Leviton® OSFHU-I4W)	140.46	28.91
26 09 23 00-0735	EA	120-347 Volt, Passive Infrared, Fixture Mount, 360 Degree View, Cold Storage Occupancy Sensor (Leviton® OSFHU-CTW)	177.21	28.91
26 09 23 00-0736	EA	480 Volt, Passive Infrared, Fixture Mount, 360 Degree View, Cold Storage Occupancy Sensor (Leviton® OSFHU-C4W)	140.46	28.91
26 09 23 00-0737	EA	120-347 Volt, Dual Detection Occupancy Wall Sensor Switch (Lithonia WSX-PDT)	234.16	12.83
26 09 23 00-0738		**Wireless Enabled Communication Devices For Streetlights** *(26 09 23)* Note: Includes testing of new devices and certification.		
26 09 23 00-0739		**Wireless Enabled Communication Nodes For Streetlights (Roam®)** *(26 09 23 00-0738)*		
26 09 23 00-0740	EA	120/244/277 Voltage, Wireless Enabled Communication Node For Streetlights (Roam® REN127 NM1)	356.72	
26 09 23 00-0741	EA	480 Voltage, Wireless Enabled Communication Node For Streetlights (Roam® REN480 NM1)	499.41	
26 09 23 00-0742		**Wireless Enabled Communication Devices For Streetlights (Roam®)** *(26 09 23 00-0738)*		
26 09 23 00-0743	EA	Retrofit Receptacle Kit (Roam® DUR103) Note: For adapting light fixtures for use with a NEMA locking type photocontrol.	60.64	
26 09 23 00-0744	EA	Wireless Enabled Backbone And Data Backhaul Device, Gateway (Roam® REG127)	14,412.04	71.27
26 09 23 00-0745		**Counter Mounted Consolets** *(26 09 23)*		
26 09 23 00-0746	EA	20" x 24" Type 12, Oil Tight Consolets, Counter Mounted (Schaefer's SPCL-20C24)	701.99	160.36
26 09 23 00-0747		**Lighting Console And Stations** *(26 09 23)*		
26 09 23 00-0748	EA	80 Channel, 40 Faders, Lighting Console (ETC ColorSource CS 40)	5,085.92	160.36
		For Lighting Console Dust Cover (ETC ColorSource CS40DC), Add	*110.19*	
		For Lighting Console Case (ETC ColorSourcePart 11866), Add	*1,174.91*	
26 09 23 00-0749	EA	10 Preset, Lighting Control Station (Doug Fleenor PRE10-A2)	3,513.03	96.22

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0750		Theatre Lighting Console *(26 09 23)*		
26 09 23 00-0751	EA	Theatre Lighting Console (ETC Colorsource 20)	3,651.31	192.44
26 09 23 00-0752		Emergency Lighting Controls *(26 09 23)*		
26 09 23 00-0753		Emergency Lighting Control Units (Watt Stopper ELCU) *(26 09 23 00-0752)* Note: The ELCU monitors a single circuit and can be wired either as a control device, so that emergency lighting follows the control of normal lighting, or as a bypass device to shunt emergency power around a control device when normal power fails. Includes integral push-to-test button and LED indicator for emergency and normal power.		
26 09 23 00-0754	EA	DIN Rail Mount, Emergency Lighting Control/Bypass Shunt Unit (Watt Stopper ELCU-100)	254.69	32.13
26 09 23 00-0755	EA	1/2" Knockout Mount, Emergency Lighting Control/Bypass Shunt Unit (Watt Stopper ELCU-200)	254.69	32.13
26 09 23 00-0756		Emergency Shunt Relays (Lighting Control & Design GR 2001™) *(26 09 23 00-0752)* Note: Normally-closed, electrically-held relay to be wired in parallel with a wall switch. Manually controlled emergency lighting will be automatically shunted on during a power outage. Includes two-gang NEMA 1 junction box, voltage-separating barrier and plaster ring separating normal and emergency power. Excludes wall plate and switch.		
26 09 23 00-0757	EA	1 Emergency Shunt Relay And NEMA 1 Enclosure (Lighting Control & Design GR 2001™)	412.22	44.97
26 09 23 00-0758	EA	2 Emergency Shunt Relays And NEMA 1 Enclosure (Lighting Control & Design GR 2001™)	563.02	51.40
26 09 23 00-0759	EA	2 Emergency Shunt Relays And NEMA 1 Enclosure (Lighting Control & Design GR 2001™ Dual) Note: Controls normal and emergency lighting from single-pole wall switch.	760.16	57.82
26 09 23 00-0760		Photocells *(26 09 23)*		
26 09 23 00-0761	EA	Plug-In Photocell For Lighting Fixtures (Intermac® LC2000)	100.30	
26 09 23 00-0762	EA	Wired Photocell For Lighting Fixtures (Intermac® K4021C)	228.15	
26 09 23 00-0763		Outdoor Lighting Motion Sensors *(26 09 23)*		
26 09 23 00-0764	EA	70' Range, 180 Degree Detection Zone, 8 Amperes, Switching Capacity, Polycarbonate Housing, Outdoor Motion Sensor (Lithonia OMS 1000)	133.47	32.13
26 09 23 00-0765	EA	70' Range, 200 Degree Detection Zone, 10 Amperes, Switching Capacity, Cast Aluminum Housing, Outdoor Motion Sensor (Lithonia OMS 2000)	146.02	32.13
26 09 23 00-0766	EA	30' Range, 360 Degree Detection Zone, Line Voltage, Plastic Housing, IP66 Rated, Outdoor Motion Sensor With Photocell (SensorSwitch SBOR)	612.07	32.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.27*	
26 09 23 00-0767		Street Light Controls *(26 09 23)*		
26 09 23 00-0768		Photo Controls *(26 09 23 00-0767)*		
26 09 23 00-0769	EA	Photo Control, 120 Volt As Manufactured By Cooper Lighting #RA1014	105.44	
26 09 23 00-0770	EA	Photo Control, Multi-Tap As Manufactured By Cooper Lighting #RA1016	120.93	
26 09 23 00-0771		Connector Node *(26 09 23 00-0767)*		
26 09 23 00-0772	EA	Outdoor Lighting Connector Node (Philips City Touch LLC7260)	553.81	3.59

26 20 Low-Voltage Electrical Distribution *(26)*

26 21 Low-Voltage Electrical Service Entrance *(26 20)*

See CSI section 26 05 13 00-0000 for wire and cables.

26 21 13 Low-Voltage Overhead Electrical Service Entrance *(26 21)*

26 21 13 00-0001		Service Drop Cable And Weatherheads *(26 21 13)*		
26 21 13 00-0002		600 Volt Insulated Stranded Conductors *(26 21 13 00-0001)*		
26 21 13 00-0003		Weatherproof Conduit Hubs *(26 21 13 00-0002)*		
26 21 13 00-0004	EA	1/2" Weatherproof Conduit Hubs	59.12	22.58
26 21 13 00-0005	EA	3/4" Weatherproof Conduit Hubs	67.41	25.66
26 21 13 00-0006	EA	1" Weatherproof Conduit Hubs	77.99	28.74
26 21 13 00-0007	EA	1-1/4" Weatherproof Conduit Hubs	108.30	38.49
26 21 13 00-0008	EA	1-1/2" Weatherproof Conduit Hubs	118.86	41.57
26 21 13 00-0009	EA	2" Weatherproof Conduit Hubs	151.95	48.24
26 21 13 00-0010	EA	2-1/2" Weatherproof Conduit Hubs	196.89	54.39
26 21 13 00-0011	EA	3" Weatherproof Conduit Hubs	252.44	64.14
26 21 13 00-0012	EA	4" Weatherproof Conduit Hubs	451.51	128.30
26 21 13 00-0013		Service Entrance Cap, Threaded Weatherhead, Galvanized *(26 21 13 00-0002)*		
26 21 13 00-0014	EA	1/2" Galvanized Threaded Service Entrance Weatherhead Cap For #14 Through #10 AWG Cable Service	65.16	22.58
26 21 13 00-0015	EA	3/4" Galvanized Threaded Service Entrance Weatherhead Cap For #12 Through #8 AWG Cable Service	74.65	25.66
26 21 13 00-0016	EA	1" Galvanized Threaded Service Entrance Weatherhead Cap For #6 AWG Cable Service	85.27	28.74
26 21 13 00-0017	EA	1-1/4" Galvanized Threaded Service Entrance Weatherhead Cap For #4 Through #2 AWG Cable Service	114.52	38.49

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 21 13 00-0018		EA	1-1/2" Galvanized Threaded Service Entrance Weatherhead Cap For #4 Through #2 AWG Cable Service	128.86	41.57
26 21 13 00-0019		EA	2" Galvanized Threaded Service Entrance Weatherhead Cap For 1/0 Through 2/0 AWG Cable Service	167.19	48.24
26 21 13 00-0020		EA	2-1/2" Galvanized Threaded Service Entrance Weatherhead Cap For 3/0 Through 4/0 Cable Service	272.32	54.39
26 21 13 00-0021		EA	3" Galvanized Threaded Service Entrance Weatherhead Cap For 250 Through 350 MCM Cable Service	310.74	64.14
26 21 13 00-0022		EA	4" Galvanized Threaded Service Entrance Weatherhead Cap For 600 Through 750 MCM Cable Service	518.56	128.30

26 21 13 00-0023 Service Entrance Cap, Clamp-On Weatherhead, Aluminum *(26 21 13 00-0002)*

26 21 13 00-0024		EA	1/2" Aluminum Clamp-On Service Entrance Weatherhead Cap For #14 To #12 AWG Cable Service	63.26	22.58
26 21 13 00-0025		EA	3/4" Aluminum Clamp-On Service Entrance Weatherhead Cap For #10 To #8 AWG Cable Service	71.45	25.66
26 21 13 00-0026		EA	1" Aluminum Clamp-On Service Entrance Weatherhead Cap For #6 AWG Cable Service	80.94	28.61
26 21 13 00-0027		EA	1-1/4" Aluminum Clamp-On Service Entrance Weatherhead Cap For #4 To #2 AWG Cable Service	107.68	38.49
26 21 13 00-0028		EA	1-1/2" Aluminum Clamp-On Service Entrance Weatherhead Cap For #4 To #2 AWG Cable Service	119.62	41.57
26 21 13 00-0029		EA	2" Aluminum Clamp-On Service Entrance Weatherhead Cap For 1/0 To 2/0 AWG Cable Service	140.79	48.24
26 21 13 00-0030		EA	2-1/2" Aluminum Clamp-On Service Entrance Weatherhead Cap For 3/0 To 4/0 Cable Service	222.81	54.39
26 21 13 00-0031		EA	3" Aluminum Clamp-On Service Entrance Weatherhead Cap For 250 To 350 MCM Cable Service	285.84	64.14
26 21 13 00-0032		EA	3-1/2" Aluminum Clamp-On Service Entrance Weatherhead Cap For 400 To 500 MCM Cable Service	404.40	96.22
26 21 13 00-0033		EA	4" Aluminum Clamp-On Service Entrance Weatherhead Cap For 600 To 750 MCM Cable Service	488.92	128.30

26 21 13 00-0034 Service Entrance Cap, Threaded Weatherhead, Polyvinyl Chloride (PVC) *(26 21 13 00-0002)*

26 21 13 00-0035		EA	1/2" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #14 To #12 AWG Cable Service	60.85	22.58
26 21 13 00-0036		EA	3/4" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #10 To #8 AWG Cable Service	69.53	25.66
26 21 13 00-0037		EA	1" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #6 AWG Cable Service	78.79	28.61
26 21 13 00-0038		EA	1-1/4" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #4 To #2 AWG Cable Service	105.05	38.49
26 21 13 00-0039		EA	1-1/2" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #4 To #2 AWG Cable Service	114.26	41.57
26 21 13 00-0040		EA	2" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For 1/0 To 2/0 AWG Cable Service	138.87	48.24
26 21 13 00-0041		EA	2-1/2" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For 3/0 To 4/0 Cable Service	220.10	54.39
26 21 13 00-0042		EA	3" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For 250 To 350 MCM Cable Service	248.10	64.14
26 21 13 00-0043		EA	3-1/2" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For 400 To 500 MCM Cable Service	419.90	96.22
26 21 13 00-0044		EA	4" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For 600 To 750 MCM Cable Service	579.28	128.30

26 22 Low-Voltage Transformers *(26 20)*

26 22 13 Low-Voltage Distribution Transformers *(26 22)*

26 22 13 00-0001 Single Phase General Purpose "Dry Type" Transformers *(26 22 13)*

Note: 60 HZ type EP and EPT 115 C rise, 185 C insulation, type DT-3 and DS-3 150 C rise, 220 C insulation. Indoor Use. Wall mounted for up to 10 KVA, floor mounted for 15 KVA and larger. DT-3 and DS-3 use weathershields for outdoor placement. UL listed.

26 22 13 00-0002 480 Volt, 120/240 Volt, General Purpose Dry Type Transformers *(26 22 13 00-0001)*

Note: 2-2.5 Percent taps above and 4-2.5 percent taps below.

26 22 13 00-0003		EA	1 KVA, 480 Volt - 120/240 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	1,769.43	329.01
26 22 13 00-0004		EA	3 KVA, 480 Volt - 120/240 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	2,481.61	394.82
26 22 13 00-0005		EA	5 KVA, 480 Volt - 120/240 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	3,242.22	411.92
26 22 13 00-0006		EA	7.5 KVA, 480 Volt - 120/240 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	4,009.78	427.72
26 22 13 00-0007		EA	10 KVA, 480 Volt - 120/240 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	5,865.57	460.62
26 22 13 00-0008		EA	15 KVA, 480 Volt - 120/240 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	7,056.67	493.52
			For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*455.22*	
			For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*303.48*	
26 22 13 00-0009		EA	25 KVA, 480 Volt - 120/240 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	7,752.17	526.42
			For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*502.45*	
			For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*334.97*	
26 22 13 00-0010		EA	37.5 KVA, 480 Volt - 120/240 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	7,429.58	592.22
			For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*468.38*	
			For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*312.26*	
26 22 13 00-0011		EA	50 KVA, 480 Volt - 120/240 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	8,915.22	658.03
			For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*569.94*	
			For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*379.96*	
26 22 13 00-0012		EA	75 KVA, 480 Volt - 120/240 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	11,880.03	789.63
			For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*772.56*	
			For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*515.04*	
26 22 13 00-0013		EA	100 KVA, 480 Volt - 120/240 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	15,164.98	921.24
			For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*999.19*	
			For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*666.13*	
26 22 13 00-0014		EA	167 KVA, 480 Volt - 120/240 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	24,466.78	1,184.45
			For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*1,657.34*	
			For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*1,104.89*	
26 22 13 00-0015		EA	250 KVA, 480 Volt - 120/240 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	44,817.14	1,447.66
			For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*3,144.14*	
			For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*2,096.09*	
26 22 13 00-0016		EA	333 KVA, 480 Volt - 120/240 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	70,924.79	1,645.07
			For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*5,072.60*	
			For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*3,381.73*	

26 22 13 00-0017 240 x 480 Volt, 120/240 Volt, General Purpose Dry Type Transformers *(26 22 13 00-0001)*

Note: 1-10 Percent x 2-5 percent FCBN taps.

26 22 13 00-0018		EA	3 KVA, 240 x 480 Volt - 120/240 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	1,964.37	394.82

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 22 13 00-0019	EA	5 KVA, 240 x 480 Volt - 120/240 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	2,413.40	411.27
26 22 13 00-0020	EA	7.5 KVA, 240 x 480 Volt - 120/240 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	3,083.30	427.72
26 22 13 00-0021	EA	10 KVA, 240 x 480 Volt - 120/240 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	3,686.91	460.62
26 22 13 00-0022		240 x 480 Volt, 120/240 Volt, General Purpose Dry Type Transformers *(26 22 13 00-0001)*		
		Note: 2-5 Percent x 4 - 2.5 percent FCBN taps.		
26 22 13 00-0023	EA	15 KVA, 240 x 480 Volt - 120/240 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	7,360.15	493.52
26 22 13 00-0024	EA	25 KVA, 240 x 480 Volt - 120/240 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	8,087.14	526.42
26 22 13 00-0025		208 x 230 Volt, 120 Volt, General Purpose Dry Type Transformers *(26 22 13 00-0001)*		
		Note: 1-10 Percent x 2-5 percent FCBN taps.		
26 22 13 00-0026	EA	0.5 KVA, 208/230 Volt - 120 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	1,447.39	296.11
26 22 13 00-0027	EA	1 KVA, 208/230 Volt - 120 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	1,652.43	329.01
26 22 13 00-0028	EA	2 KVA, 208/230 Volt - 120 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	2,210.33	361.92
26 22 13 00-0029	EA	3 KVA, 208/230 Volt - 120 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	2,583.79	394.82
26 22 13 00-0030	EA	5 KVA, 208/230 Volt - 120 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	2,932.25	411.92
26 22 13 00-0031	EA	7.5 KVA, 208/230 Volt - 120 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	3,402.15	427.72
26 22 13 00-0032	EA	10 KVA, 208/230 Volt - 120 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	4,475.75	460.62
26 22 13 00-0033	EA	15 KVA, 208/230 Volt - 120 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	6,266.10	493.52
26 22 13 00-0034		1 Phase Mounting Brackets *(26 22 13 00-0001)*		
26 22 13 00-0035	EA	1 Phase Mounting Brackets (Set Of 2) For Transformers Up To 100 KVA	651.42	234.43
26 22 13 00-0036		1 Phase Weathershields *(26 22 13 00-0001)*		
		Note: Use with types DT-3 and DS-3.		
26 22 13 00-0037	EA	37.5 KVA 1 Phase Weathershields, Set Of 2	218.65	
26 22 13 00-0038	EA	50 KVA 1 Phase Weathershields, Set Of 2	278.70	
26 22 13 00-0039	EA	75 KVA 1 Phase Weathershields, Set Of 2	332.34	
26 22 13 00-0040	EA	100 KVA 1 Phase Weathershields, Set Of 2	396.48	
26 22 13 00-0041	EA	167 KVA 1 Phase Weathershields, Set Of 2	536.41	
26 22 13 00-0042	EA	250 KVA 1 Phase Weathershields, Set Of 2	641.36	
26 22 13 00-0043	EA	333 KVA 1 Phase Weathershields, Set Of 2	787.13	
26 22 13 00-0044		Packaged Power Supply *(26 22 13 00-0001)*		
		Note: 2-5 Percent FCBN taps.		
26 22 13 00-0045	EA	5 KVA, 480 Volt - 120/240 Volt, Transformer With 6 - 1 Pole / 3 - 2 Pole Max 20 Amperes Breakers	4,036.98	411.27
26 22 13 00-0046	EA	7.5 KVA, 480 Volt - 120/240 Volt, Transformer With 8 - 1 Pole / 4 - 2 Pole Max 30 Amperes Breakers	4,614.06	427.72
26 22 13 00-0047	EA	10 KVA, 480 Volt - 120/240 Volt, Transformer With 10 - 1 Pole / 5 - 2 Pole Max 40 Amperes Breakers	5,003.98	460.62
26 22 13 00-0048	EA	15 KVA, 480 Volt - 120/240 Volt, Transformer With 16 - 1 Pole / 8 - 2 Pole Max 60 Amperes Breakers	6,285.98	493.52
26 22 13 00-0049	EA	25 KVA, 480 Volt - 120/240 Volt, Transformer With 24 - 1 Pole / 12 - 2 Pole Max 100 Amperes Breakers	8,956.65	526.42
26 22 13 00-0050		240 Volt, 120/240 Volt, Single Phase Isolation Transformer Computer Grade *(26 22 13 00-0001)*		
26 22 13 00-0051	EA	0.5 KVA, 240 Volt - 120/240 Volt, 1 Phase, 60 Hertz, Isolation Transformer	3,011.91	296.11
26 22 13 00-0052	EA	1 KVA, 240 Volt - 120/240 Volt, 1 Phase, 60 Hertz, Isolation Transformer	4,418.75	329.01
26 22 13 00-0053	EA	2.5 KVA, 240 Volt - 120/240 Volt, 1 Phase, 60 Hertz, Isolation Transformer	5,133.41	394.82
26 22 13 00-0054	EA	5 KVA, 240 Volt - 120/240 Volt, 1 Phase, 60 Hertz, Isolation Transformer	5,720.21	411.27
26 22 13 00-0055	EA	7.5 KVA, 240 Volt - 120/240 Volt, 1 Phase, 60 Hertz, Isolation Transformer	6,511.10	427.72
26 22 13 00-0056	EA	10 KVA, 240 Volt - 120/240 Volt, 1 Phase, 60 Hertz, Isolation Transformer	8,559.29	460.62
26 22 13 00-0057	EA	15 KVA, 240 Volt - 120/240 Volt, 1 Phase, 60 Hertz, Isolation Transformer	11,295.49	493.52
26 22 13 00-0058		600 Volt, 208/120 Volt, Dry General Purpose Transformer *(26 22 13 00-0001)*		
26 22 13 00-0059	EA	15 KVA, 600 Volt, 208 Y / 120 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	14,107.83	493.52
26 22 13 00-0060	EA	25 KVA, 600 Volt, 208 Y / 120 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	14,608.52	526.42
26 22 13 00-0061	EA	30 KVA, 600 Volt, 208 Y / 120 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	15,155.49	559.32
26 22 13 00-0062	EA	37.5 KVA, 600 Volt, 208 Y / 120 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	20,253.73	592.22
26 22 13 00-0063	EA	45 KVA, 600 Volt, 208 Y / 120 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	21,029.96	625.13
26 22 13 00-0064	EA	50 KVA, 600 Volt, 208 Y / 120 Volt, 1 Phase, 60 Hertz, General Purpose Dry Type Transformer	28,350.53	658.03
26 22 13 00-0065		3 Phase General Purpose "Dry Type" Transformer *(26 22 13)*		
		Note: 60 HZ type EP and EPT 115 C rise, 185 C insulation, type DT-3 and DS-3 150 C rise, 220 C insulation. Indoor use. Wall mounted for up to 10 KVA, floor mounted for 15 KVA and larger. DT-3 and DS-3 use weathershields for outdoor placement. UL listed.		
26 22 13 00-0066		Packaged Power Supply *(26 22 13 00-0065)*		
		Note: 2-5 Percent FCBN taps.		
26 22 13 00-0067	EA	15 KVA, 480 Volt - 208/120 Volt, Transformer With 12 - 1 Pole / 4 - 3 Pole Max, 40 Amperes Breakers	18,237.07	1,414.76
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*770.38*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*1,155.57*	
26 22 13 00-0068	EA	22.5 KVA, 480 Volt - 208/120 Volt, Transformer With 18 - 1 Pole / 6 - 3 Pole Max, 60 Amperes Breakers	22,120.20	1,513.46
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*954.66*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*1,432.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 22 13 00-0069	EA	30 KVA, 480 Volt - 208/120 Volt, Transformer With 24 - 1 Pole / 8 - 3 Pole Max, 80 Amperes Breakers	26,717.30	1,645.07
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*1,171.36*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*1,757.04*	

26 22 13 00-0070 480 Volt x 208Y/120 Volt, 2-2.5 Percent FCAN And 4-2.5 Percent FCBN Taps *(26 22 13 00-0065)*

26 22 13 00-0071	EA	30 KVA, 480 x 208 Y / 120 Volt, 3 Phase, 60 Hertz, General Purpose Dry Type Transformer	9,463.16	723.83
		For K13 Factor Rating, Add	*8,015.50*	
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*400.78*	
		For K4 Factor Rating, Add	*5,610.85*	
		For K20 Factor Rating, Add	*10,420.15*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*601.16*	
26 22 13 00-0072	EA	37.5 KVA, 480 x 208 Y / 120 Volt, 3 Phase, 60 Hertz, General Purpose Dry Type Transformer	11,486.87	789.63
		For K13 Factor Rating, Add	*9,907.60*	
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*495.38*	
		For K4 Factor Rating, Add	*6,935.32*	
		For K20 Factor Rating, Add	*12,879.88*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*743.07*	
26 22 13 00-0073	EA	45 KVA, 480 x 208 Y / 120 Volt, 3 Phase, 60 Hertz, General Purpose Dry Type Transformer	11,987.58	855.44
		For K13 Factor Rating, Add	*10,276.71*	
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*513.84*	
		For K4 Factor Rating, Add	*7,193.70*	
		For K20 Factor Rating, Add	*13,359.72*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*770.75*	
26 22 13 00-0074	EA	50 KVA, 480 x 208 Y / 120 Volt, 3 Phase, 60 Hertz, General Purpose Dry Type Transformer	15,888.46	921.24
		For K13 Factor Rating, Add	*14,045.98*	
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*702.30*	
		For K4 Factor Rating, Add	*9,832.19*	
		For K20 Factor Rating, Add	*18,259.77*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*1,053.45*	
26 22 13 00-0075	EA	75 KVA, 480 x 208 Y / 120 Volt, 3 Phase, 60 Hertz, General Purpose Dry Type Transformer	15,610.61	987.04
		For K13 Factor Rating, Add	*13,636.53*	
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*681.83*	
		For K4 Factor Rating, Add	*9,545.57*	
		For K20 Factor Rating, Add	*17,727.49*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*1,022.74*	
26 22 13 00-0076	EA	112.5 KVA, 480 x 208 Y / 120 Volt, 3 Phase, 60 Hertz, General Purpose Dry Type Transformer	19,463.87	1,184.45
		For K13 Factor Rating, Add	*17,094.97*	
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*854.75*	
		For K4 Factor Rating, Add	*11,966.48*	
		For K20 Factor Rating, Add	*22,223.46*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*1,282.12*	
26 22 13 00-0077	EA	150 KVA, 480 x 208 Y / 120 Volt, 3 Phase, 60 Hertz, General Purpose Dry Type Transformer	25,430.88	1,316.06
		For K13 Factor Rating, Add	*22,798.77*	
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*1,139.94*	
		For K4 Factor Rating, Add	*15,959.14*	
		For K20 Factor Rating, Add	*29,638.40*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*1,709.91*	
26 22 13 00-0078	EA	225 KVA, 480 x 208 Y / 120 Volt, 3 Phase, 60 Hertz, General Purpose Dry Type Transformer	34,790.91	1,645.07
		For K13 Factor Rating, Add	*31,500.77*	
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*1,575.04*	
		For K4 Factor Rating, Add	*22,050.54*	
		For K20 Factor Rating, Add	*40,951.00*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*2,362.56*	
26 22 13 00-0079	EA	300 KVA, 480 x 208 Y / 120 Volt, 3 Phase, 60 Hertz, General Purpose Dry Type Transformer	42,382.36	2,039.89
		For K13 Factor Rating, Add	*38,302.59*	
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*1,915.13*	
		For K4 Factor Rating, Add	*26,811.81*	
		For K20 Factor Rating, Add	*49,793.37*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*2,872.69*	
26 22 13 00-0080	EA	500 KVA, 480 x 208 Y / 120 Volt, 3 Phase, 60 Hertz, General Purpose Dry Type Transformer	61,088.95	2,500.51
		For K13 Factor Rating, Add	*56,087.94*	
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*2,804.40*	
		For K4 Factor Rating, Add	*39,261.56*	
		For K20 Factor Rating, Add	*72,914.32*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*4,206.60*	
26 22 13 00-0081	EA	750 KVA, 480 x 208 Y / 120 Volt, 3 Phase, 60 Hertz, General Purpose Dry Type Transformer	142,865.19	3,009.90
		For K13 Factor Rating, Add	*136,811.33*	
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*6,840.57*	
		For K4 Factor Rating, Add	*95,767.93*	
		For K20 Factor Rating, Add	*177,854.73*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*10,260.85*	
26 22 13 00-0082	EA	1,000 KVA, 480 x 208 Y / 120 Volt, 3 Phase, 60 Hertz, General Purpose Dry Type Transformer	188,726.81	3,290.14
		For K13 Factor Rating, Add	*182,146.52*	
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*9,107.33*	
		For K4 Factor Rating, Add	*127,502.56*	
		For K20 Factor Rating, Add	*236,790.48*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*13,660.99*	

26 22 13 00-0083 480 Volt x 208Y/120 Volt, 2-2.5 Percent FCAN And 2-2.5 Percent FCBN Taps *(26 22 13 00-0065)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 22 13 00-0084	EA	6 KVA, 480 x 208 Y / 120 Volt, 3 Phase, 60 Hertz, General Purpose Dry Type Transformer	5,164.76	509.98
		For K4 Factor Rating, Add	*2,901.37*	
		For K13 Factor Rating, Add	*4,144.82*	
		For K20 Factor Rating, Add	*5,388.27*	
26 22 13 00-0085	EA	9 KVA, 480 x 208 Y / 120 Volt, 3 Phase, 60 Hertz, General Purpose Dry Type Transformer	6,403.76	542.88
		For K4 Factor Rating, Add	*3,722.61*	
		For K13 Factor Rating, Add	*5,318.01*	
		For K20 Factor Rating, Add	*6,913.41*	
26 22 13 00-0086	EA	15 KVA, 480 x 208 Y / 120 Volt, 3 Phase, 60 Hertz, General Purpose Dry Type Transformer	8,481.40	592.22
		For K4 Factor Rating, Add	*5,107.87*	
		For K13 Factor Rating, Add	*7,296.95*	
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*364.85*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*547.27*	
		For K20 Factor Rating, Add	*9,486.04*	
26 22 13 00-0087		480 Volt x 480Y/277 Volt, 2-2.5 Percent FCAN And 4 Percent FCBN Taps *(26 22 13 00-0065)*		
26 22 13 00-0088	EA	30 KVA, 480 x 480 Y / 277 Volt, 3 Phase, 60 Hertz, General Purpose Dry Type Transformer	16,705.50	723.83
		For K13 Factor Rating, Add	*15,257.84*	
		For K4 Factor Rating, Add	*10,680.49*	
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*762.89*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*1,144.34*	
		For K20 Factor Rating, Add	*19,835.19*	
26 22 13 00-0089	EA	45 KVA, 480 x 480 Y / 277 Volt, 3 Phase, 60 Hertz, General Purpose Dry Type Transformer	18,689.81	855.44
		For K13 Factor Rating, Add	*16,978.94*	
		For K4 Factor Rating, Add	*11,885.26*	
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*848.95*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*1,273.42*	
		For K20 Factor Rating, Add	*22,072.62*	
26 22 13 00-0090	EA	75 KVA, 480 x 480 Y / 277 Volt, 3 Phase, 60 Hertz, General Purpose Dry Type Transformer	27,797.03	987.04
		For K13 Factor Rating, Add	*25,822.95*	
		For K4 Factor Rating, Add	*18,076.07*	
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*1,291.15*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*1,936.72*	
		For K20 Factor Rating, Add	*33,569.84*	
26 22 13 00-0091	EA	112.5 KVA, 480 x 480 Y / 277 Volt, 3 Phase, 60 Hertz, General Purpose Dry Type Transformer	34,940.88	1,184.45
		For K13 Factor Rating, Add	*32,571.98*	
		For K4 Factor Rating, Add	*22,800.39*	
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*1,628.60*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*2,442.90*	
		For K20 Factor Rating, Add	*42,343.57*	
26 22 13 00-0092	EA	150 KVA, 480 x 480 Y / 277 Volt, 3 Phase, 60 Hertz, General Purpose Dry Type Transformer	42,172.28	1,316.06
		For K13 Factor Rating, Add	*39,540.17*	
		For K4 Factor Rating, Add	*27,678.12*	
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*1,977.01*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*2,965.51*	
		For K20 Factor Rating, Add	*51,402.22*	
26 22 13 00-0093	EA	225 KVA, 480 x 480 Y / 277 Volt, 3 Phase, 60 Hertz, General Purpose Dry Type Transformer	54,091.60	1,645.07
		For K13 Factor Rating, Add	*50,801.46*	
		For K4 Factor Rating, Add	*35,561.02*	
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*2,540.07*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*3,810.11*	
		For K20 Factor Rating, Add	*66,041.90*	
26 22 13 00-0094	EA	300 KVA, 480 x 480 Y / 277 Volt, 3 Phase, 60 Hertz, General Purpose Dry Type Transformer	65,736.40	2,039.89
		For K13 Factor Rating, Add	*61,656.63*	
		For K4 Factor Rating, Add	*43,159.64*	
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*3,082.83*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*4,624.25*	
		For K20 Factor Rating, Add	*80,153.62*	
26 22 13 00-0095	EA	500 KVA, 480 x 480 Y / 277 Volt, 3 Phase, 60 Hertz, General Purpose Dry Type Transformer	106,268.72	2,500.51
		For K13 Factor Rating, Add	*101,267.71*	
		For K4 Factor Rating, Add	*70,887.40*	
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*5,063.39*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*7,595.08*	
		For K20 Factor Rating, Add	*131,648.02*	
26 22 13 00-0096		3 Phase 60 Hz K20 Dry Type Transformers *(26 22 13 00-0065)*		
26 22 13 00-0097		3 Phase 60 Hz K20 Dry Type Transformers, 115 C Rise *(26 22 13 00-0096)*		
		Note: 220 C insulation 480 V-208 Y/120 V. 2-2.5 Percent above and 4-2.5 percent taps below.		
26 22 13 00-0098	EA	15 KVA, 480 Volt - 208 Y / 120 Volt, 3 Phase, 60 Hertz, 115 Degree C Temperature Rise, K20 Dry Type Transformer	7,894.81	592.22
26 22 13 00-0099	EA	30 KVA, 480 Volt - 208 Y / 120 Volt, 3 Phase, 60 Hertz, 115 Degree C Temperature Rise, K20 Dry Type Transformer	12,077.22	723.83
26 22 13 00-0100	EA	45 KVA, 480 Volt - 208 Y / 120 Volt, 3 Phase, 60 Hertz, 115 Degree C Temperature Rise, K20 Dry Type Transformer	17,896.94	855.44
26 22 13 00-0101	EA	75 KVA, 480 Volt - 208 Y / 120 Volt, 3 Phase, 60 Hertz, 115 Degree C Temperature Rise, K20 Dry Type Transformer	22,956.03	987.04
26 22 13 00-0102	EA	112.5 KVA, 480 Volt - 208 Y / 120 Volt, 3 Phase, 60 Hertz, 115 Degree C Temperature Rise, K20 Dry Type Transformer	34,734.60	1,184.45
26 22 13 00-0103	EA	150 KVA, 480 Volt - 208 Y / 120 Volt, 3 Phase, 60 Hertz, 115 Degree C Temperature Rise, K20 Dry Type Transformer	42,352.77	1,316.06
26 22 13 00-0104	EA	225 KVA, 480 Volt - 208 Y / 120 Volt, 3 Phase, 60 Hertz, 115 Degree C Temperature Rise, K20 Dry Type Transformer	49,160.36	1,645.07

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 22 13 00-0105	EA	300 KVA, 480 Volt - 208 Y / 120 Volt, 3 Phase, 60 Hertz, 115 Degree C Temperature Rise, K20 Dry Type Transformer	78,557.63	2,039.89
26 22 13 00-0106		**3 Phase 60 Hz K20 Dry Type Transformers, 80 C Rise** *(26 22 13 00-0096)*		
		Note: 220 C insulation 480 V-208 Y/120 V. 2-2.5 Percent above and 4-2.5 percent taps below.		
26 22 13 00-0107	EA	15 KVA, 480 Volt - 208 Y / 120 Volt, 3 Phase, 60 Hertz, 80 Degree C Temperature Rise, K20 Dry Type Transformer	9,242.03	592.22
26 22 13 00-0108	EA	30 KVA, 480 Volt - 208 Y / 120 Volt, 3 Phase, 60 Hertz, 80 Degree C Temperature Rise, K20 Dry Type Transformer	14,204.43	723.83
26 22 13 00-0109	EA	45 KVA, 480 Volt - 208 Y / 120 Volt, 3 Phase, 60 Hertz, 80 Degree C Temperature Rise, K20 Dry Type Transformer	21,132.87	855.44
26 22 13 00-0110	EA	75 KVA, 480 Volt - 208 Y / 120 Volt, 3 Phase, 60 Hertz, 80 Degree C Temperature Rise, K20 Dry Type Transformer	27,145.97	987.04
26 22 13 00-0111	EA	112.5 KVA, 480 Volt - 208 Y / 120 Volt, 3 Phase, 60 Hertz, 80 Degree C Temperature Rise, K20 Dry Type Transformer	41,206.46	1,184.45
26 22 13 00-0112	EA	150 KVA, 480 Volt - 208 Y / 120 Volt, 3 Phase, 60 Hertz, 80 Degree C Temperature Rise, K20 Dry Type Transformer	50,300.78	1,316.06
26 22 13 00-0113	EA	225 KVA, 480 Volt - 208 Y / 120 Volt, 3 Phase, 60 Hertz, 80 Degree C Temperature Rise, K20 Dry Type Transformer	58,333.11	1,645.07
26 22 13 00-0114	EA	300 KVA, 480 Volt - 208 Y / 120 Volt, 3 Phase, 60 Hertz, 80 Degree C Temperature Rise, K20 Dry Type Transformer	93,454.49	2,039.89
26 22 13 00-0115		**NEMA Premium Efficient Dry Type Transformers** *(26 22 13 00-0065)*		
26 22 13 00-0116		**Aluminum Windings, NEMA Premium Efficient Dry Type Transformers** *(26 22 13 00-0115)*		
		Note: Two taps at 2.5%, four at -2.5%.		
26 22 13 00-0117		**150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformers** *(26 22 13 00-0116)*		
26 22 13 00-0118	EA	15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	3,597.43	588.89
26 22 13 00-0119	EA	30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	4,388.73	719.76
26 22 13 00-0120	EA	45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	5,284.90	850.62
26 22 13 00-0121	EA	75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	7,040.83	981.49
26 22 13 00-0122	EA	112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	9,373.45	1,177.79
26 22 13 00-0123	EA	150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	11,607.05	1,308.65
26 22 13 00-0124	EA	225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	15,355.12	1,635.81
26 22 13 00-0125	EA	300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	21,521.92	2,028.41
26 22 13 00-0126		**115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformers** *(26 22 13 00-0116)*		
26 22 13 00-0127	EA	15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	4,325.43	588.89
26 22 13 00-0128	EA	30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	5,270.56	719.76
26 22 13 00-0129	EA	45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	6,360.24	850.62
26 22 13 00-0130	EA	75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	8,564.43	981.49
26 22 13 00-0131	EA	112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	10,946.05	1,177.79
26 22 13 00-0132	EA	150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	14,303.98	1,308.65
26 22 13 00-0133	EA	225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	18,980.41	1,635.81
26 22 13 00-0134	EA	300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	26,761.45	2,028.41
26 22 13 00-0135		**80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformers** *(26 22 13 00-0116)*		
26 22 13 00-0136	EA	15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	5,050.49	588.89
26 22 13 00-0137	EA	30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	6,154.84	719.76
26 22 13 00-0138	EA	45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	7,435.59	850.62
26 22 13 00-0139	EA	75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	10,085.59	981.49
26 22 13 00-0140	EA	112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	12,930.16	1,177.79

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 22 13 00-0141	EA	150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	17,000.90	1,308.65
26 22 13 00-0142	EA	225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	22,605.71	1,635.81
26 22 13 00-0143	EA	300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	32,000.98	2,028.41
26 22 13 00-0144		Copper Windings, NEMA Premium Efficient Dry Type Transformers *(26 22 13 00-0115)*		
		Note: Two taps at 2.5%, four at -2.5%.		
26 22 13 00-0145		150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformers *(26 22 13 00-0144)*		
26 22 13 00-0146	EA	15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	4,807.98	588.89
26 22 13 00-0147	EA	30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	5,860.90	719.76
26 22 13 00-0148	EA	45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	7,075.50	850.62
26 22 13 00-0149	EA	75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	9,578.53	981.49
26 22 13 00-0150	EA	112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	12,959.55	1,177.79
26 22 13 00-0151	EA	150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	16,195.01	1,308.65
26 22 13 00-0152	EA	225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	21,520.57	1,635.81
26 22 13 00-0153	EA	300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	30,435.73	2,028.41
26 22 13 00-0154		115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformers *(26 22 13 00-0144)*		
26 22 13 00-0155	EA	15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	5,533.04	588.89
26 22 13 00-0156	EA	30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	6,745.18	719.76
26 22 13 00-0157	EA	45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	8,150.85	850.62
26 22 13 00-0158	EA	75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	11,102.15	981.49
26 22 13 00-0159	EA	112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	16,820.00	1,177.79
26 22 13 00-0160	EA	150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	21,157.74	1,308.65
26 22 13 00-0161	EA	225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	26,997.71	1,635.81
26 22 13 00-0162	EA	300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	40,108.90	2,028.41
26 22 13 00-0163		80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformers *(26 22 13 00-0144)*		
26 22 13 00-0164	EA	15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	6,260.55	588.89
26 22 13 00-0165	EA	30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	7,629.45	719.76
26 22 13 00-0166	EA	45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	9,226.18	850.62
26 22 13 00-0167	EA	75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	12,623.29	981.49
26 22 13 00-0168	EA	112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	19,921.11	1,177.79
26 22 13 00-0169	EA	150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	25,657.52	1,308.65
26 22 13 00-0170	EA	225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	32,472.39	1,635.81
26 22 13 00-0171	EA	300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	47,834.70	2,028.41
26 22 13 00-0172		3 Phase Weathershields *(26 22 13 00-0065)*		
		Note: Use with type DT-3 and DS-3.		
26 22 13 00-0173	EA	45-112.5 KVA 3 Phase Weathershields With DT-3, DS-3, Set Of 2	1,772.67	
26 22 13 00-0174	EA	150-300 KVA 3 Phase Weathershields With DT-3, DS-3, Set Of 2	3,010.31	
26 22 13 00-0175	EA	500-1,000 KVA 3 Phase Weathershields With DT-3, DS-3, Set Of 2	3,010.31	
26 22 13 00-0176		Three Phase Mounting Brackets *(26 22 13 00-0065)*		
26 22 13 00-0177	EA	3 Phase Mounting Brackets (Set Of 2) For Transformers Up To 112.5 KVA	1,415.14	234.43

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

26 24 Switchboards and Panelboards *(26 20)*

26 24 13 Switchboards *(26 24)*

Note: Installation of free-standing building distribution switchboards. Switchboard sections to be mounted on 4" concrete pad. Includes material, handling, unloading at job site, assembly and installation, wiring connections, testing and cleanup. Exclude concrete pad and foundation.

26 24 13 00-0001 Fusible Switch Type 240 Volt, 3 Phase, 3 Wire *(26 24 13)*

26 24 13 00-0002 Incoming Service Section Main Device Only *(26 24 13 00-0001)*

Note: Copper bus, non-metering type, with fuses.

26 24 13 00-0003	EA	400 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	4,451.06	1,122.20
26 24 13 00-0004	EA	600 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	4,924.42	1,186.99
26 24 13 00-0005	EA	800 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	7,927.84	1,346.46
26 24 13 00-0006	EA	1,200 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	8,539.64	1,443.45
26 24 13 00-0007	EA	1,600 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	13,667.63	1,539.03
26 24 13 00-0008	EA	2,000 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	15,237.00	1,636.41
26 24 13 00-0009	EA	400 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	5,378.32	1,122.20
26 24 13 00-0010	EA	600 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	6,878.63	1,186.99
26 24 13 00-0011	EA	800 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	9,573.60	1,347.61
26 24 13 00-0012	EA	1,200 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	13,078.16	1,443.45
26 24 13 00-0013	EA	1,600 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	13,667.63	1,540.58
26 24 13 00-0014	EA	2,000 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	15,237.00	1,636.41
26 24 13 00-0015	EA	2,500 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	18,300.53	1,710.82
26 24 13 00-0016	EA	3,000 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	20,741.93	1,832.84
26 24 13 00-0017	EA	4,000 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	24,475.01	1,975.76
26 24 13 00-0018	EA	400 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	3,032.29	994.30
26 24 13 00-0019	EA	600 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	3,347.74	1,058.57
26 24 13 00-0020	EA	800 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	3,834.84	1,218.55
26 24 13 00-0021	EA	1,000 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	4,133.00	1,269.74
26 24 13 00-0022	EA	1,200 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	4,398.90	1,315.55
26 24 13 00-0023	EA	1,600 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	4,818.51	1,410.49
26 24 13 00-0024	EA	2,000 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	5,209.52	1,507.22

26 24 13 00-0025 Branch Breaker Units *(26 24 13 00-0001)*

Note: Includes branch breaker(s) and portion of distribution section occupied by that breaker. 240 V, 3 pole. Use upper range to determine breaker unless designing for future expansion.

26 24 13 00-0026	EA	15 To 60 Amperes, 240 Volt, MC Branch Breaker	379.20	39.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.48*	
26 24 13 00-0027	EA	70 To 100 Amperes, 240 Volt, MC Branch Breaker	555.77	61.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*36.95*	
26 24 13 00-0028	EA	125 To 225 Amperes, 240 Volt, MC Branch Breaker	1,490.33	112.25
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*67.35*	
26 24 13 00-0029	EA	100 To 400 Amperes, 240 Volt, MC Branch Breaker	2,643.59	146.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*87.75*	
26 24 13 00-0030	EA	300 To 600 Amperes, 240 Volt, MC Branch Breaker	4,713.29	359.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*215.50*	
26 24 13 00-0031	EA	400 To 800 Amperes, 240 Volt, MC Branch Breaker	7,536.46	359.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*215.50*	
26 24 13 00-0032	EA	600 To 1,200 Amperes, 240 Volt, MC Branch Breaker	12,221.35	640.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*384.12*	

26 24 13 00-0033 Fusible Switch Type 480 Volt, 3 Phase, 3 Wire *(26 24 13)*

26 24 13 00-0034 Incoming Service Section Main Device Only *(26 24 13 00-0033)*

Note: Copper bus, non-metering type, with fuses.

26 24 13 00-0035	EA	400 Amperes, 480 Volt, 3 Phase, 3 Wire, Distribution Switchboard With Main Switch	6,299.21	1,456.16
26 24 13 00-0036	EA	600 Amperes, 480 Volt, 3 Phase, 3 Wire, Distribution Switchboard With Main Switch	7,033.24	1,456.16
26 24 13 00-0037	EA	800 Amperes, 480 Volt, 3 Phase, 3 Wire, Distribution Switchboard With Main Switch	10,395.11	1,892.36
26 24 13 00-0038	EA	1,200 Amperes, 480 Volt, 3 Phase, 3 Wire, Distribution Switchboard With Main Switch	11,775.37	1,892.36

26 24 13 00-0039 Fusible Switch Type 120/240 Volt, 1 Phase, 3 Wire *(26 24 13)*

26 24 13 00-0040 Incoming Service Section Main Device Only *(26 24 13 00-0039)*

Note: Copper bus, non-metering type, with fuses.

26 24 13 00-0041	EA	200/400 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Switch	4,004.74	994.30
26 24 13 00-0042	EA	600 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Switch	4,456.88	1,058.57
26 24 13 00-0043	EA	800 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Switch	6,810.23	1,218.55
26 24 13 00-0044	EA	1,200 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Switch	7,398.87	1,314.52
26 24 13 00-0045	EA	200/400 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With MC Main Breaker	4,884.98	994.30
26 24 13 00-0046	EA	600 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With MC Main Breaker	6,160.94	1,058.57
26 24 13 00-0047	EA	800 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With MC Main Breaker	8,638.43	1,218.55
26 24 13 00-0048	EA	1,200 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With MC Main Breaker	12,385.03	1,314.52
26 24 13 00-0049	EA	2,000 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With MC Main Breaker	14,536.78	1,475.40
26 24 13 00-0050	EA	200/400 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug	2,811.47	865.87
26 24 13 00-0051	EA	600 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug	3,148.83	930.27
26 24 13 00-0052	EA	800 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug	3,696.38	1,090.26
26 24 13 00-0053	EA	1,000 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug	3,977.50	1,141.44
26 24 13 00-0054	EA	1,200 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug	4,249.31	1,186.99
26 24 13 00-0055	EA	1,600 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug	4,610.33	1,269.74

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0056	EA	2,000 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug	4,963.22	1,346.46
26 24 13 00-0057	EA	2,500 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug	6,160.79	1,667.84
26 24 13 00-0058	EA	3,000 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug	6,894.18	1,828.22
26 24 13 00-0059	EA	4,000 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug	8,103.93	1,972.55

26 24 13 00-0060 Branch Breaker Units *(26 24 13 00-0039)*

Note: Includes branch breaker(s) and portion of distribution section occupied by that breaker. 240 V, 2 pole. Use upper range to determine breaker unless designing for future expansion.

26 24 13 00-0061	EA	15 To 60 Amperes, 120 / 240 Volt, MC Branch Breaker	204.54	34.00
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.40*	
26 24 13 00-0062	EA	70 To 100 Amperes, 120 / 240 Volt, MC Branch Breaker	325.06	56.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.87*	
26 24 13 00-0063	EA	125 To 225 Amperes, 120 / 240 Volt, MC Branch Breaker	985.39	78.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*47.34*	
26 24 13 00-0064	EA	100 To 400 Amperes, 120 / 240 Volt, MC Branch Breaker	2,826.50	101.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*60.81*	
26 24 13 00-0065	EA	300 To 600 Amperes, 120/240 Volt, MC Branch Breaker	4,456.87	246.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*148.17*	
26 24 13 00-0066	EA	400 To 800 Amperes, 120/240 Volt, MC Branch Breaker	6,330.21	246.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*148.17*	
26 24 13 00-0067	EA	600 To 1,200 Amperes, 120/240 Volt, MC Branch Breaker	10,441.41	471.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*282.92*	

26 24 13 00-0068 Fusible Switch Type 120/208 Volt, 3 Phase, 4 Wire *(26 24 13)*

26 24 13 00-0069 Incoming Service Section Main Device Only *(26 24 13 00-0068)*

Note: Copper bus, non-metering type, with fuses.

26 24 13 00-0070	EA	400 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	4,452.63	1,122.20
26 24 13 00-0071	EA	600 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	4,922.66	1,186.99
26 24 13 00-0072	EA	800 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	7,925.57	1,346.46
26 24 13 00-0073	EA	1,200 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	8,537.04	1,443.45
26 24 13 00-0074	EA	1,600 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	13,661.71	1,539.03
26 24 13 00-0075	EA	2,000 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	15,237.00	1,636.41
26 24 13 00-0076	EA	400 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	5,379.89	1,122.20
26 24 13 00-0077	EA	600 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	6,876.87	1,186.99
26 24 13 00-0078	EA	800 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	9,573.60	1,347.61
26 24 13 00-0079	EA	1,200 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	13,075.56	1,443.45
26 24 13 00-0080	EA	1,600 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	13,664.67	1,540.58
26 24 13 00-0081	EA	2,000 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	15,237.00	1,636.41
26 24 13 00-0082	EA	400 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	3,179.04	994.30
26 24 13 00-0083	EA	600 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	3,552.19	1,058.57
26 24 13 00-0084	EA	800 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	4,141.29	1,218.55
26 24 13 00-0085	EA	1,000 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	4,454.22	1,269.74
26 24 13 00-0086	EA	1,200 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	4,756.53	1,315.55
26 24 13 00-0087	EA	1,600 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	5,162.60	1,410.49
26 24 13 00-0088	EA	2,000 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	5,574.32	1,507.22
26 24 13 00-0089	EA	2,500 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	6,614.09	1,712.75
26 24 13 00-0090	EA	3,000 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	7,315.49	1,832.71
26 24 13 00-0091	EA	4,000 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	8,629.72	1,969.34

26 24 13 00-0092 Branch Breaker Units *(26 24 13 00-0068)*

Note: Includes branch breaker(s) and portion of distribution section occupied by that breaker. 120/208 V, 3 pole. Use upper range to determine breaker unless designing for future expansion.

26 24 13 00-0093	EA	15 To 60 Amperes, 120/208 Volt, MC Branch Breaker	379.20	39.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.48*	
26 24 13 00-0094	EA	70 To 100 Amperes, 120/208 Volt, MC Branch Breaker	555.77	61.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*36.95*	
26 24 13 00-0095	EA	125 To 225 Amperes, 120/208 Volt, MC Branch Breaker	1,490.33	112.25
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*67.35*	
26 24 13 00-0096	EA	100 To 400 Amperes, 120/208 Volt, MC Branch Breaker	2,643.59	146.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*87.75*	
26 24 13 00-0097	EA	300 To 600 Amperes, 120/208 Volt, MC Branch Breaker	4,713.29	359.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*215.50*	
26 24 13 00-0098	EA	400 To 800 Amperes, 120/208 Volt, MC Branch Breaker	7,536.46	359.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*215.50*	
26 24 13 00-0099	EA	600 To 1,200 Amperes, 120/208 Volt, MC Branch Breaker	12,221.35	640.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*384.12*	

26 24 13 00-0100 Fusible Switch Type 277/480 Volt, 3 Phase, 4 Wire *(26 24 13)*

26 24 13 00-0101 Incoming Service Section Main Device Only *(26 24 13 00-0100)*

Note: Copper bus, non-metering type, with fuses.

26 24 13 00-0102	EA	400 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	5,775.26	1,539.03
26 24 13 00-0103	EA	600 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	6,336.77	1,636.41
26 24 13 00-0104	EA	800 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	8,992.83	1,826.54
26 24 13 00-0105	EA	1,200 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	9,828.65	1,955.74
26 24 13 00-0106	EA	400 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	7,349.54	1,539.03
26 24 13 00-0107	EA	600 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	9,865.27	1,636.41
26 24 13 00-0108	EA	800 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	11,176.92	1,828.60

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0109	EA	1,200 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	14,100.08	1,955.74
26 24 13 00-0110	EA	1,600 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	14,754.46	2,085.45
26 24 13 00-0111	EA	2,000 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	16,394.25	2,215.03
26 24 13 00-0112	EA	400 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	3,179.04	994.30
26 24 13 00-0113	EA	600 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	3,552.19	1,058.57
26 24 13 00-0114	EA	800 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	4,141.29	1,218.55
26 24 13 00-0115	EA	1,000 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	4,454.22	1,269.74
26 24 13 00-0116	EA	1,200 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	4,756.53	1,315.55
26 24 13 00-0117	EA	1,600 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	5,162.60	1,410.49
26 24 13 00-0118	EA	2,000 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	5,574.32	1,507.22

26 24 13 00-0119 Branch Breaker Units *(26 24 13 00-0100)*

Note: Includes branch breaker(s) and portion of distribution section occupied by that breaker. 480 V, 3 pole. Use upper range to determine breaker unless designing for future expansion.

26 24 13 00-0120	EA	15 To 60 Amperes, 480/277 Volt, MC Branch Breaker	783.58	39.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.48*	
26 24 13 00-0121	EA	70 To 100 Amperes, 480/277 Volt, MC Branch Breaker	903.73	61.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*36.95*	
26 24 13 00-0122	EA	125 To 225 Amperes, 480/277 Volt, MC Branch Breaker	1,638.92	112.25
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*67.35*	
26 24 13 00-0123	EA	100 To 400 Amperes, 480/277 Volt, MC Branch Breaker	2,643.59	146.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*87.75*	
26 24 13 00-0124	EA	300 To 600 Amperes, 480/277 Volt, MC Branch Breaker	6,334.59	359.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*215.50*	
26 24 13 00-0125	EA	400 To 800 Amperes, 480/277 Volt, MC Branch Breaker	6,479.41	359.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*215.50*	
26 24 13 00-0126	EA	600 To 1,200 Amperes, 480/277 Volt, MC Branch Breaker	10,398.80	640.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*384.12*	

26 24 13 00-0127 Fusible Branch Circuit Switch *(26 24 13)*

Note: Includes switch fuses, and portion of distribution section occupied by that branch device.

26 24 13 00-0128 240 Volt, 2 Pole Twin Branch Switch Units *(26 24 13 00-0127)*

26 24 13 00-0129	EA	30/30 Amperes, 240 Volt, 2 Pole Twin Branch Switch Unit	809.27	100.71
		For Electrical Interlock Kit, Add	*328.81*	
26 24 13 00-0130	EA	30/60 Amperes, 240 Volt, 2 Pole Twin Branch Switch Unit	806.45	100.71
		For Electrical Interlock Kit, Add	*328.81*	
26 24 13 00-0131	EA	60/60 Amperes, 240 Volt, 2 Pole Twin Branch Switch Unit	806.45	100.71
		For Electrical Interlock Kit, Add	*328.81*	
26 24 13 00-0132	EA	60/100 Amperes, 240 Volt, 2 Pole Twin Branch Switch Unit	1,264.89	132.79
		For Electrical Interlock Kit, Add	*328.81*	
26 24 13 00-0133	EA	100/100 Amperes, 240 Volt, 2 Pole Twin Branch Switch Unit	1,264.89	132.79
		For Electrical Interlock Kit, Add	*328.81*	

26 24 13 00-0134 240 Volt, 2 Pole Single Branch Switch Units *(26 24 13 00-0127)*

26 24 13 00-0135	EA	100 Amperes, 240 Volt, 2 Pole Single Branch Switch Unit	925.19	98.79
		For Electrical Interlock Kit, Add	*314.99*	
26 24 13 00-0136	EA	200 Amperes, 240 Volt, 2 Pole Single Branch Switch Unit	1,347.58	98.79
		For Electrical Interlock Kit, Add	*314.99*	
26 24 13 00-0137	EA	400 Amperes, 240 Volt, 2 Pole Single Branch Switch Unit	3,464.08	266.22

26 24 13 00-0138 240 Volt, 3 Pole Twin Branch Switch Units *(26 24 13 00-0127)*

26 24 13 00-0139	EA	30/30 Amperes, 240 Volt, 3 Pole Twin Branch Switch Unit	1,036.54	113.54
		For Electrical Interlock Kit, Add	*328.81*	
26 24 13 00-0140	EA	30/60 Amperes, 240 Volt, 3 Pole Twin Branch Switch Unit	1,033.73	113.54
		For Electrical Interlock Kit, Add	*328.81*	
26 24 13 00-0141	EA	60/60 Amperes, 240 Volt, 3 Pole Twin Branch Switch Unit	1,033.73	113.54
		For Electrical Interlock Kit, Add	*328.81*	
26 24 13 00-0142	EA	60/100 Amperes, 240 Volt, 3 Pole Twin Branch Switch Unit	1,556.62	152.03
		For Electrical Interlock Kit, Add	*328.81*	
26 24 13 00-0143	EA	100/100 Amperes, 240 Volt, 3 Pole Twin Branch Switch Unit	1,556.62	152.03
		For Electrical Interlock Kit, Add	*328.81*	

26 24 13 00-0144 240 Volt, 3 Pole Single Branch Switch Units *(26 24 13 00-0127)*

26 24 13 00-0145	EA	100 Amperes, 240 Volt, 3 Pole Single Branch Switch Unit	1,120.29	111.61
		For Electrical Interlock Kit, Add	*328.81*	
26 24 13 00-0146	EA	200 Amperes, 240 Volt, 3 Pole Single Branch Switch Unit	1,808.86	111.61
		For Electrical Interlock Kit, Add	*314.99*	
26 24 13 00-0147	EA	400 Amperes, 240 Volt, 3 Pole Single Branch Switch Unit	4,637.66	298.03
26 24 13 00-0148	EA	600 Amperes, 240 Volt, 3 Pole Single Branch Switch Unit	6,621.44	381.81
26 24 13 00-0149	EA	800 Amperes, 240 Volt, 3 Pole Single Branch Switch Unit	12,318.23	517.29

26 24 13 00-0150 600 Volt, 3 Pole Twin Branch Switch Units *(26 24 13 00-0127)*

26 24 13 00-0151	EA	30/30 Amperes, 600 Volt, 3 Pole Twin Branch Switch Unit	1,462.93	113.54
		For Electrical Interlock Kit, Add	*328.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0152	EA	30/60 Amperes, 600 Volt, 3 Pole Twin Branch Switch Unit	1,460.08	113.54
		For Electrical Interlock Kit, Add	*328.81*	
26 24 13 00-0153	EA	60/60 Amperes, 600 Volt, 3 Pole Twin Branch Switch Unit	1,462.93	113.54
		For Electrical Interlock Kit, Add	*328.81*	
26 24 13 00-0154	EA	60/100 Amperes, 600 Volt, 3 Pole Twin Branch Switch Unit	2,199.97	152.03
		For Electrical Interlock Kit, Add	*328.81*	
26 24 13 00-0155	EA	100/100 Amperes, 600 Volt, 3 Pole Twin Branch Switch Unit	2,247.58	152.03
		For Electrical Interlock Kit, Add	*328.81*	
26 24 13 00-0156	EA	200/200 Amperes, 600 Volt, 3 Pole Twin Branch Switch Unit	4,781.77	198.86
		For Electrical Interlock Kit, Add	*328.81*	
26 24 13 00-0157		**600 Volt, 3 Pole, Single Branch Switch Units** *(26 24 13 00-0127)*		
26 24 13 00-0158	EA	100 Amperes, 600 Volt, 3 Pole Single Branch Switch Unit	1,579.52	111.61
		For Electrical Interlock Kit, Add	*328.81*	
26 24 13 00-0159	EA	200 Amperes, 600 Volt, 3 Pole Single Branch Switch Unit	2,391.87	111.61
		For Electrical Interlock Kit, Add	*314.99*	
26 24 13 00-0160	EA	400 Amperes, 600 Volt, 3 Pole Single Branch Switch Unit	5,820.26	298.03
		For Electrical Interlock Kit, Add	*314.99*	
26 24 13 00-0161	EA	600 Amperes, 600 Volt, 3 Pole Single Branch Switch Unit	7,069.06	381.81
26 24 13 00-0162	EA	800 Amperes, 600 Volt, 3 Pole Single Branch Switch Unit	12,318.23	517.29
26 24 13 00-0163		**Service And Distribution Structures** *(26 24 13)*		
26 24 13 00-0164		**Switchboard Sections** *(26 24 13 00-0163)*		
26 24 13 00-0165	EA	600 Amperes, 480 Volt, 4 Wire, Switchboard Incoming No Switch Circuit	4,900.14	1,069.09
26 24 13 00-0166	EA	800 Amperes, 480 Volt, 4 Wire, Switchboard Incoming No Switch Circuit	5,366.25	1,162.11
26 24 13 00-0167	EA	1,200 Amperes, 480 Volt, 4 Wire, Switchboard Incoming No Switch Circuit	6,732.36	1,484.89
26 24 13 00-0168	EA	1,600 Amperes, 480 Volt, 4 Wire, Switchboard Incoming No Switch Circuit	7,362.60	1,619.86
26 24 13 00-0169	EA	2,000 Amperes, 480 Volt, 4 Wire, Switchboard Incoming No Switch Circuit	7,851.80	1,724.42
26 24 13 00-0170	EA	400 Amperes, 480 Volt, Switchboard Incoming For Switch Circuit Section	5,798.33	937.84
26 24 13 00-0171	EA	200 Amperes, Distribution Section Subfeeder Lug-Rated	3,334.93	890.88
26 24 13 00-0172	EA	400 Amperes, Distribution Section Subfeeder Lug-Rated	3,693.35	966.07
26 24 13 00-0173	EA	120/208 Or 277/480 Volt, 4 Wire, Distribution Section Aluminum Bus	8,063.28	1,069.09
26 24 13 00-0174	EA	800 Amperes, Switchboard Distribution Section Aluminum Bus Less Breaker	8,660.46	1,071.91
26 24 13 00-0175	EA	1,000 Amperes, Switchboard Distribution Section Aluminum Bus Less Breaker	9,509.42	1,196.74
26 24 13 00-0176	EA	15 To 60 Amperes, 240 Volt, 1 Phase, Feed Section Circuit Breaker FA Frame	188.23	64.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.18*	
26 24 13 00-0177	EA	70 To 100 Amperes, 240 Volt, 3 Phase, Feed Section Circuit Breaker FA Frame	229.51	65.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*46.28*	
26 24 13 00-0178	EA	70 To 225 Amperes, 480 Volt, 3 Phase, Feed Section Circuit Breaker KA Frame	1,044.84	77.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*99.71*	
26 24 13 00-0179	EA	125 To 400 Amperes, 480 Volt, 3 Phase, Feed Section Circuit Breaker LA Frame	1,727.69	166.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*138.85*	
26 24 13 00-0180	EA	100 Amperes, 240 Volt HIC, 3 Phase, Switchboard Feed Section Branch Circuit Breaker	691.56	231.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*80.18*	
26 24 13 00-0181	EA	225 Amperes, 240 Volt HIC, 3 Phase, Switchboard Feed Section Branch Circuit Breaker	1,933.46	133.68
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*99.71*	
26 24 13 00-0182		**Switchboard, Structure Per Section Copper, 480 Volt** *(26 24 13 00-0163)*		
26 24 13 00-0183	EA	225 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard	2,540.44	556.80
26 24 13 00-0184	EA	400 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard	3,610.06	752.97
26 24 13 00-0185	EA	600 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard	4,056.70	916.41
26 24 13 00-0186	EA	800 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard	5,127.82	1,282.96
26 24 13 00-0187	EA	1,200 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard	6,355.56	1,603.70
26 24 13 00-0188	EA	1,600 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard	6,989.67	1,603.70
26 24 13 00-0189	EA	2,000 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard	8,643.56	2,138.31
26 24 13 00-0190	EA	2,500 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard	9,859.45	2,138.31
26 24 13 00-0191	EA	3,000 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard	11,596.79	2,545.52
26 24 13 00-0192	EA	4,000 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard	13,834.15	2,545.52
26 24 13 00-0193		**Main Devices** *(26 24 13)*		
26 24 13 00-0194		**Power Circuit Breakers** *(26 24 13 00-0193)*		
26 24 13 00-0195		**DSL Breaker With Current Limiters And Amptector** *(26 24 13 00-0194)*		
		Note: 11 Static trip not applicable to ground-fault or plug in test feature. Manually operated.		
26 24 13 00-0196	EA	50 To 800 Amperes, DSL-206, Main Breaker With Current Limiter, Amptector Static Trip	8,861.10	1,347.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*806.55*	
26 24 13 00-0197	EA	50 To 1,600 Amperes, DSL-416, Main Breaker With Current Limiter, Amptector Static Trip	16,151.02	2,245.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,345.76*	
26 24 13 00-0198	EA	1,200 To 3,200 Amperes, DSL-632, Main Breaker With Current Limiter, Amptector Static Trip	36,261.41	3,771.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2,242.93*	
26 24 13 00-0199	EA	4,000 Amperes, DSL-840, Main Breaker With Current Limiter, Amptector Static Trip	58,432.15	6,106.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3,729.53*	
26 24 13 00-0200	EA	Ground-Fault Trip All Power Breakers - Factory Installed	3,044.81	
26 24 13 00-0201	EA	Key Interlock All Power Breakers - Factory Installed	393.23	
26 24 13 00-0202	EA	Short Time Delay Selective Trip - Factory Installed	515.89	
26 24 13 00-0203	EA	Shunt Trip Manually Open Breakers - Factory Installed	371.58	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0204		**DSL Breaker Electrical Operated And Amptector** *(26 24 13 00-0194)* Note: 11 Static trip not applicable to ground-fault or plug in test feature. Manually operated.		
26 24 13 00-0205	EA	50 To 800 Amperes, DSL-206, Main Breaker, Electrical Operated With Amptector Static Trip	10,368.54	1,411.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*850.77*	
26 24 13 00-0206	EA	50 To 1,600 Amperes, DSL-416, Main Breaker, Electrical Operated With Amptector Static Trip	19,237.04	2,373.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,417.11*	
26 24 13 00-0207	EA	1,200 To 3,200 Amperes, DSL-632, Main Breaker, Electrical Operated With Amptector Static Trip	40,713.79	3,913.02
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2,358.38*	
26 24 13 00-0208	EA	4,000 Amperes, DSL-840, Main Breaker, Electrical Operated With Amptector Static Trip	62,922.60	6,414.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3,943.52*	
26 24 13 00-0209		**DS Breakers With Amptector Static Trip, Manually Operated** *(26 24 13 00-0194)* Note: Includes integral ground fault and plug-in test provision. Excludes system, add price from section drawout mounted manually operated.		
26 24 13 00-0210	EA	50 To 800 Amperes, DS-206, Main Breaker With Groundfault, Amptector Static Trip	7,066.90	1,231.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*740.17*	
26 24 13 00-0211	EA	50 To 1,600 Amperes, DS-416, Main Breaker With Groundfault, Amptector Static Trip	12,912.77	2,065.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,233.62*	
26 24 13 00-0212	EA	2,000 Amperes, DS-420, Main Breaker With Groundfault, Amptector Static Trip	19,171.52	3,463.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2,056.02*	
26 24 13 00-0213	EA	1,200 To 3,200 Amperes, DS-632, Main Breaker With Groundfault, Amptector Static Trip	33,068.78	5,580.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3,424.26*	
26 24 13 00-0214	EA	4,000 Amperes, DS-840, Main Breaker With Groundfault, Amptector Static Trip	53,831.59	9,108.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5,693.60*	
26 24 13 00-0215		**DS Breakers With Amptector Static Trip, Electrically Operated** *(26 24 13 00-0194)* Note: Includes integral ground fault and plug-in test provision. Excludes system, add price from section drawout mounted electrical operated.		
26 24 13 00-0216	EA	50 To 800 Amperes, DS-206, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip	8,312.92	1,180.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*705.95*	
26 24 13 00-0217	EA	50 To 1,600 Amperes, DS-416, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip	15,494.17	1,975.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,176.31*	
26 24 13 00-0218	EA	2,000 Amperes, DS-420, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip	22,105.24	3,284.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,963.71*	
26 24 13 00-0219	EA	1,200 To 3,200 Amperes, DS-632, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip	36,487.32	5,349.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3,272.85*	
26 24 13 00-0220	EA	4,000 Amperes, DS-840, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip	57,108.26	9,173.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5,467.15*	
26 24 13 00-0221		**Molded Case Circuit Breakers Conventional** *(26 24 13 00-0194)*		
26 24 13 00-0222	EA	70 To 225 Amperes, 3 Pole, Conventional Molded Case Circuit Breaker	3,045.13	1,077.68
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*620.78*	
26 24 13 00-0223	EA	125 To 400 Amperes, 3 Pole, Conventional Molded Case Circuit Breaker	4,420.77	1,077.68
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*675.24*	
26 24 13 00-0224	EA	300 To 600 Amperes, 3 Pole, Conventional Molded Case Circuit Breaker	4,902.34	1,282.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*740.17*	
26 24 13 00-0225	EA	400 To 800 Amperes, 3 Pole, Conventional Molded Case Circuit Breaker	5,816.85	1,282.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*801.85*	
26 24 13 00-0226	EA	600 To 1,200 Amperes, 3 Pole, Conventional Molded Case Circuit Breaker	8,589.44	1,539.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*878.74*	
26 24 13 00-0227	EA	1,000 To 2,000 Amperes, 3 Pole, Conventional Molded Case Circuit Breaker	13,819.06	1,539.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*971.94*	
26 24 13 00-0228	EA	Shunt Trip, Factory Installed	389.62	
26 24 13 00-0229	EA	Groundfault Trip Complete Interrupting Circuit, Factory Installed	90.19	
26 24 13 00-0230		**Switchboard Branch Breaker 480 Volt** *(26 24 13 00-0193)*		
26 24 13 00-0231	EA	60 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker	624.14	93.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*55.78*	
26 24 13 00-0232	EA	100 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker	737.27	123.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*74.02*	
26 24 13 00-0233	EA	225 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker	2,118.48	185.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*111.50*	
26 24 13 00-0234	EA	400 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker	2,799.26	233.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*139.86*	
26 24 13 00-0235	EA	600 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker	3,390.52	312.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*187.57*	
26 24 13 00-0236	EA	800 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker	4,096.56	400.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*240.55*	
26 24 13 00-0237	EA	1,000 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker	6,586.44	610.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*366.56*	
26 24 13 00-0238	EA	1,200 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker	6,586.44	610.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*366.56*	
26 24 13 00-0239	EA	1,600 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker	9,237.77	855.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*513.18*	
26 24 13 00-0240	EA	2,000 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker	11,543.77	1,282.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*769.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0241		**Switchboard 277/480 Volt Main Breaker** *(26 24 13 00-0193)*		
26 24 13 00-0242	EA	400 Amperes, 277/480 Volt, Main Breaker, Switchboard	7,469.81	556.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*334.10*	
26 24 13 00-0243	EA	600 Amperes, 277/480 Volt, Main Breaker, Switchboard	7,575.67	609.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*365.86*	
26 24 13 00-0244	EA	800 Amperes, 277/480 Volt, Main Breaker, Switchboard	8,188.93	916.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*549.84*	
26 24 13 00-0245	EA	1,200 Amperes, 277/480 Volt, Main Breaker, Switchboard	13,984.53	1,282.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*769.78*	
26 24 13 00-0246	EA	1,600 Amperes, 277/480 Volt, Main Breaker, Switchboard	14,257.01	1,419.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*851.52*	
26 24 13 00-0247	EA	2,000 Amperes, 277/480 Volt, Main Breaker, Switchboard	18,874.19	2,545.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,527.33*	
26 24 13 00-0248		**Branch Or Distribution Devices** *(26 24 13)*		
26 24 13 00-0249		**3 Pole, Panel Mounted, Molded Case Circuit Breakers** *(26 24 13 00-0248)*		
		Note: Includes certified refurbished circuit breakers.		
26 24 13 00-0250	EA	15 To 60 Amperes, 600 Volt, Type EHB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker	667.71	46.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.79*	
26 24 13 00-0251	EA	70 To 100 Amperes, 600 Volt, Type EHB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker	673.60	57.73
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.49*	
26 24 13 00-0252	EA	125 To 150 Amperes, 600 Volt, Type FB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker	1,625.52	69.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*46.19*	
26 24 13 00-0253	EA	70 To 225 Amperes, 600 Volt, Type JDB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker	2,357.88	89.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*59.66*	
26 24 13 00-0254	EA	125 To 400 Amperes, 600 Volt, Type LBB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker	3,325.32	110.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*73.90*	
26 24 13 00-0255	EA	300 To 600 Amperes, 600 Volt, Type LC, 3 Pole, Panel Mounted, Molded Case Circuit Breaker	4,356.38	129.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*86.60*	
26 24 13 00-0256	EA	900 To 1,000 Amperes, 600 Volt, Type NB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker	6,653.61	146.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*97.76*	
26 24 13 00-0257		**2 Pole, Panel Mounted, Molded Case Circuit Breakers** *(26 24 13 00-0248)*		
		Note: Includes certified refurbished circuit breakers.		
26 24 13 00-0258	EA	15 To 60 Amperes, 600 Volt, Type EHB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker	459.89	34.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.09*	
26 24 13 00-0259	EA	70 To 100 Amperes, 600 Volt, Type EHB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker	590.77	46.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.79*	
26 24 13 00-0260	EA	125 To 150 Amperes, 600 Volt, Type FB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker	1,620.52	57.73
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.49*	
26 24 13 00-0261	EA	70 To 225 Amperes, 600 Volt, Type JDB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker	2,569.40	64.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*42.34*	
26 24 13 00-0262	EA	125 To 400 Amperes, 600 Volt, Type LBB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker	2,714.08	83.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*55.81*	
26 24 13 00-0263	EA	900 To 1,000 Amperes, 600 Volt, Type NB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker	6,155.67	121.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*80.83*	
26 24 13 00-0264		**Meter Devices And Instrumentation** *(26 24 13)*		
		Note: Factory installed accessories.		
26 24 13 00-0265		**Compartments For Instrument Transformers And Metering Devices** *(26 24 13 00-0264)*		
26 24 13 00-0266	EA	Compartment For, Up To 800 Amperes, Primary Current Transformer	470.79	
26 24 13 00-0267	EA	Compartment For, 1,000 To 1,500 Amperes, Primary Current Transformer	680.03	
26 24 13 00-0268	EA	Compartment For, 2,000 To 6,000 Amperes, Primary Current Transformer	800.89	
26 24 13 00-0269		**Instruments** *(26 24 13 00-0264)*		
26 24 13 00-0270	EA	AC Voltmeter	642.15	
26 24 13 00-0271	EA	AC Ammeter	642.15	
26 24 13 00-0272	EA	AC Wattmeter	1,715.41	
26 24 13 00-0273	EA	Variometer	1,937.28	
26 24 13 00-0274	EA	Power Factor Meter	1,547.66	
26 24 13 00-0275	EA	Frequency Meter	1,708.19	
26 24 13 00-0276	EA	200 Volt-Amperes Max Potential Transformer	577.21	
26 24 13 00-0277	EA	AC Watt-hour Meter Indicating 1 Or 2 Element With Test Block And Plug Block	2,173.57	
26 24 13 00-0278	EA	AC Watt-hour Meter Recording 2 Element With Recording KW Demand Type R-2	3,636.45	
26 24 13 00-0279	EA	Weatherproof, Modify Meter	3,517.19	
26 24 13 00-0280	EA	Control Switch Resistor Type 130 V	82.82	
26 24 13 00-0281	EA	Metering Instrument: Voltage, Amperes And Watt Hour	4,386.48	

26 24 16 Panelboards *(26 24)*

26 24 16 00-0001 Branch Circuit Panelboard *(26 24 16)*

Note: Includes wiring connections, drilling hole (or removing knock-out on residential units), labeling and testing. All NEMA 3R panelboards include weatherproof hubs. Copper bussing. Panelboards with less than a 30 circuit capacity do not have the door in a door trim front option.

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0002		Assembled Lighting And Power Panelboards *(26 24 16 00-0001)* Note: Includes main lugs or breaker (as indicated). 20 Amp, 1 pole branch circuit plug-on breakers (the number of which is indicated). Panelboard box, trim and connection of main service cable from meter.		
26 24 16 00-0003		120/240 Volt, 3 Wire, 1 Phase, Main Lugs Assembled Panelboards *(26 24 16 00-0002)*		
26 24 16 00-0004	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers	1,351.93	365.64
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0005	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers	1,538.56	365.64
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0006	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers	1,748.66	506.77
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0007	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers	1,961.04	506.77
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0008	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers	2,161.11	635.07
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0009	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers	2,366.37	635.07
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0010	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers	2,564.66	731.29
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0011	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers	3,082.69	936.56
		For NEMA 3R Panelboard, Add	*1,737.56*	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0012	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers	3,246.24	936.56
		For NEMA 3R Panelboard, Add	*1,737.56*	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0013	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard WithTwenty-Six 20 Ampere Breakers	3,406.45	1,071.27
		For NEMA 3R Panelboard, Add	*1,737.56*	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0014	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers	3,664.51	1,071.27
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0015	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers	3,823.29	1,205.98
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0016	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers	4,059.79	1,205.98
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0017	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers	4,205.18	1,334.28
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0018	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers	4,441.90	1,334.28
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0019	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers	4,660.20	1,475.40
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0020	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers	4,810.59	1,475.40
		For NEMA 3R Panelboard, Add	*2,136.20*	
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*	
26 24 16 00-0021	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers	5,031.31	1,475.40
		For NEMA 3R Panelboard, Add	*2,136.20*	
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*	
26 24 16 00-0022		120/240 Volt, 3 Wire, 1 Phase, Main Breaker Assembled Panelboards *(26 24 16 00-0002)*		
26 24 16 00-0023	EA	50 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Up To 50 Ampere Main Breaker, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers	1,596.83	352.82
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0024	EA	50 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Up To 50 Ampere Main Breaker, 12 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers	1,786.25	352.82
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0025	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >50 To 100 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers	2,224.32	602.99
		For NEMA 3R Panelboard, Add	*1,579.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0026	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >50 To 100 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers	2,521.89	602.99
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0027	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >50 To 100 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers	2,725.98	737.70
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0028	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Cpacity Assembled Panelboard With Eighteen 20 Ampere Breakers	2,938.82	737.70
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0029	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers	3,127.80	885.24
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0030	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers	3,782.78	885.24
		For NEMA 3R Panelboard, Add	*1,737.56*	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0031	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers	3,951.44	1,084.09
		For NEMA 3R Panelboard, Add	*1,737.56*	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0032	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers	4,134.63	1,084.09
		For NEMA 3R Panelboard, Add	*1,737.56*	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0033	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers	4,335.32	1,218.81
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0034	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers	4,498.01	1,218.81
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0035	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers	4,671.48	1,334.28
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0036	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers	4,857.39	1,334.28
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0037	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers	5,057.76	1,578.04
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0038	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers	5,275.06	1,578.04
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0039	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers	5,512.39	1,578.04
		For NEMA 3R Panelboard, Add	*2,136.20*	
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*	
26 24 16 00-0040	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers	5,659.19	1,667.84
		For NEMA 3R Panelboard, Add	*2,136.20*	
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*	

26 24 16 00-0041 120/208 Volt, 4 Wire, 3 Phase, Main Lugs Assembled Panelboards *(26 24 16 00-0002)*

26 24 16 00-0042	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers	1,630.65	416.96
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0043	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers	1,831.71	416.96
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0044	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers	2,059.63	558.09
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0045	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers	2,298.67	558.09
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0046	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers	2,513.22	686.38
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0047	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers	2,742.52	686.38
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0048	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers	2,958.36	814.68
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0049	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers	3,182.30	814.68
		For NEMA 3R Panelboard, Add	*1,737.56*	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0050	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers	3,389.59	955.81
		For NEMA 3R Panelboard, Add	*1,737.56*	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0051	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers	3,628.29	955.81
		For NEMA 3R Panelboard, Add	*1,737.56*	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0052	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers	3,872.29	1,103.34
		For NEMA 3R Panelboard, Add	*1,737.56*	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0053	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers	4,110.93	1,103.34
		For NEMA 3R Panelboard, Add	*1,737.56*	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0054	EA	225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers	4,590.17	1,334.28
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0055	EA	225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers	4,754.26	1,334.28
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0056	EA	225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers	5,032.22	1,481.81
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0057	EA	225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers	5,285.69	1,481.81
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0058	EA	225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers	5,463.90	1,616.53
		For NEMA 3R Panelboard, Add	*2,136.20*	
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*	
26 24 16 00-0059	EA	225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers	5,718.42	1,616.53
		For NEMA 3R Panelboard, Add	*2,136.20*	
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*	
26 24 16 00-0060	EA	400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers	5,544.90	1,434.35
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0061	EA	400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers	5,725.92	1,507.48
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0062	EA	400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers	6,016.62	1,587.66
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0063	EA	400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers	6,289.54	1,680.67
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0064	EA	400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers	6,479.06	1,732.00
		For NEMA 3R Panelboard, Add	*2,136.20*	
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*	
26 24 16 00-0065	EA	400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers	6,786.34	1,837.84
		For NEMA 3R Panelboard, Add	*2,136.20*	
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*	

26 24 16 00-0066 120/208 Volt, 4 Wire, 3 Phase, Main Breaker Assembled Panelboards *(26 24 16 00-0002)*

26 24 16 00-0067	EA	50 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Up To 50 Ampere Main Breaker, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers	1,932.92	404.13
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0068	EA	50 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Up To 50 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers	2,136.60	404.13
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0069	EA	50 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Up To 50 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers	2,378.17	532.43
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0070	EA	50 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Up To 50 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers	2,711.25	532.43
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0071	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers	3,211.70	801.84
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0072	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers	3,421.11	801.84
		For NEMA 3R Panelboard, Add	*1,579.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0073	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers	3,648.26	936.56
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0074	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers	3,838.05	936.56
		For NEMA 3R Panelboard, Add	*1,737.56*	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0075	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers	4,092.67	1,084.09
		For NEMA 3R Panelboard, Add	*1,737.56*	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0076	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers	4,267.86	1,084.09
		For NEMA 3R Panelboard, Add	*1,737.56*	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0077	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers	4,548.90	1,218.81
		For NEMA 3R Panelboard, Add	*1,737.56*	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0078	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers	4,789.17	1,218.81
		For NEMA 3R Panelboard, Add	*1,737.56*	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0079	EA	225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers	5,624.85	1,411.26
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0080	EA	225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers	5,875.10	1,488.23
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0081	EA	225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers	5,982.31	1,488.23
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0082	EA	225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers	6,263.62	1,680.67
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0083	EA	225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers	6,458.79	1,680.67
		For NEMA 3R Panelboard, Add	*2,136.20*	
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*	
26 24 16 00-0084	EA	225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two- 20 Ampere Breakers	6,588.95	1,680.67
		For NEMA 3R Panelboard, Add	*2,136.20*	
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*	
26 24 16 00-0085	EA	400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers	6,608.16	1,545.97
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0086	EA	400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers	6,882.08	1,635.77
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0087	EA	400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers	6,993.00	1,680.67
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0088	EA	400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers	7,296.81	1,783.31
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0089	EA	400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers	7,490.94	1,834.63
		For NEMA 3R Panelboard, Add	*2,136.20*	
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*	
26 24 16 00-0090	EA	400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers	7,675.54	1,898.78
		For NEMA 3R Panelboard, Add	*2,136.20*	
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*	
26 24 16 00-0091		480 Volt, 3 Wire, 3 Phase, Main Lugs Assembled Panelboards *(26 24 16 00-0002)*		
26 24 16 00-0092	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers	1,835.29	410.55
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0093	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers	2,100.25	410.55
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0094	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers	2,354.21	564.50
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0095	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers	2,619.14	564.50
		For NEMA 3R Panelboard, Add	*1,579.99*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0096	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers	2,866.10	705.62
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0097	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers	3,126.42	705.62
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0098	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard WithTwenty 20 Ampere Breakers	3,398.16	853.16
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0099	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers	3,647.06	853.16
		For NEMA 3R Panelboard, Add	*1,737.56*	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0100	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard WithTwenty-Four 20 Ampere Breakers	3,920.88	1,013.54
		For NEMA 3R Panelboard, Add	*1,737.56*	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0101	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers	4,185.17	1,013.54
		For NEMA 3R Panelboard, Add	*1,737.56*	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0102	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers	4,428.01	1,154.66
		For NEMA 3R Panelboard, Add	*1,737.56*	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0103	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers	4,688.34	1,154.66
		For NEMA 3R Panelboard, Add	*1,737.56*	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0104	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers	5,245.75	1,404.83
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0105	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers	5,505.76	1,404.83
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0106	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers	5,782.71	1,539.55
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0107	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty- Eight 20 Ampere Breakers	5,984.38	1,539.55
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0108	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers	6,292.74	1,699.92
		For NEMA 3R Panelboard, Add	*2,136.20*	
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*	
26 24 16 00-0109	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers	6,512.34	1,699.92
		For NEMA 3R Panelboard, Add	*2,136.20*	
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*	

26 24 16 00-0110 480 Volt, 3 Wire, 3 Phase, Main Breaker Assembled Panelboards *(26 24 16 00-0002)*

26 24 16 00-0111	EA	50 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Up To 50 Amp Main Breaker, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers	2,332.28	436.20
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0112	EA	50 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Up To 50 Amp Main Breaker, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers	2,591.15	474.69
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0113	EA	50 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Up To 50 Amp Main Breaker, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers	2,852.91	590.16
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0114	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Amp Main Breaker, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers,	3,430.17	718.46
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0115	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Amp Main Breaker, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers	3,680.56	795.43
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0116	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Amp Main Breaker, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers	3,908.39	859.59
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0117	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers	4,159.95	936.56
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0118	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers	4,401.84	1,013.54
		For NEMA 3R Panelboard, Add	*1,737.56*	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0119	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers	4,622.78	1,077.68
		For NEMA 3R Panelboard, Add	*1,737.56*	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0120	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers	4,860.13	1,141.83
		For NEMA 3R Panelboard, Add	*1,737.56*	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0121	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers	5,117.34	1,218.81
		For NEMA 3R Panelboard, Add	*1,737.56*	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0122	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers	5,398.86	1,315.03
		For NEMA 3R Panelboard, Add	*1,737.56*	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0123	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers	6,776.65	1,462.57
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0124	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers	7,046.41	1,552.38
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0125	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers	7,236.95	1,590.86
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0126	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers	7,540.81	1,693.51
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0127	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Cpacity Assembled Panelboard With Forty 20 Ampere Breakers	7,750.83	1,757.65
		For NEMA 3R Panelboard, Add	*2,136.20*	
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*	
26 24 16 00-0128	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers	7,968.77	1,812.82
		For NEMA 3R Panelboard, Add	*2,136.20*	
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*	

26 24 16 00-0129 277/480 Volt, 4 Wire, 3 Phase, Main Lugs Assembled Panelboards *(26 24 16 00-0002)*

26 24 16 00-0130	EA	100 Ampere Rating , 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers	2,229.51	449.04
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0131	EA	100 Ampere Rating , 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers	2,524.42	449.04
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0132	EA	100 Ampere Rating , 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers	2,811.53	596.58
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0133	EA	100 Ampere Rating , 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers	3,101.03	596.58
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0134	EA	100 Ampere Rating , 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers	3,395.35	737.70
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0135	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers	3,683.45	737.70
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0136	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers	3,976.38	885.24
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0137	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers	4,268.07	885.24
		For NEMA 3R Panelboard, Add	*1,737.56*	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0138	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers	4,587.33	1,039.20
		For NEMA 3R Panelboard, Add	*1,737.56*	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0139	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers	4,853.76	1,039.20
		For NEMA 3R Panelboard, Add	*1,737.56*	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0140	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers	5,135.60	1,045.61
		For NEMA 3R Panelboard, Add	*1,737.56*	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0141	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 32 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers	5,436.08	1,045.61
		For NEMA 3R Panelboard, Add	*1,737.56*	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0142	EA	225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers	6,194.43	1,449.74
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0143	EA	225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers	6,501.70	1,449.74
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0144	EA	225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers	6,737.53	1,526.72
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0145	EA	225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers	7,073.63	1,629.35
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0146	EA	225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers	7,325.83	1,629.35
		For NEMA 3R Panelboard, Add	*2,136.20*	
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*	
26 24 16 00-0147	EA	225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers	7,699.53	1,783.31
		For NEMA 3R Panelboard, Add	*2,136.20*	
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*	

26 24 16 00-0148 277/480 Volt, 4 Wire, 3 Phase, Main Breaker Assembled Panelboards *(26 24 16 00-0002)*

26 24 16 00-0149	EA	50 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, 50 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers	2,891.95	551.67
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0150	EA	50 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, 50 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers	3,193.99	551.67
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0151	EA	50 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, 50 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers	3,484.40	731.29
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0152	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers	4,151.02	731.29
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0153	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers	4,431.54	923.73
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0154	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers	4,711.62	923.73
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0155	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers	4,982.02	1,058.44
		For NEMA 3R Panelboard, Add	*1,579.99*	
26 24 16 00-0156	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers	5,231.48	1,058.44
		For NEMA 3R Panelboard, Add	*1,737.56*	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0157	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers	5,497.34	1,205.98
		For NEMA 3R Panelboard, Add	*1,737.56*	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0158	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers	5,783.06	1,205.98
		For NEMA 3R Panelboard, Add	*1,737.56*	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0159	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers	6,027.93	1,334.28
		For NEMA 3R Panelboard, Add	*1,737.56*	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0160	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers	6,285.22	1,334.28
		For NEMA 3R Panelboard, Add	*1,737.56*	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0161	EA	225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers	8,193.89	1,578.04
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0162	EA	225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers	8,507.35	1,578.04
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0163	EA	225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers	8,736.91	1,725.57
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0164	EA	225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers	9,087.98	1,725.57
		For NEMA 3R Panelboard, Add	*2,052.47*	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0165	EA	225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers	9,339.18	1,885.95
		For NEMA 3R Panelboard, Add	*2,136.20*	
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0166	EA	225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers	9,599.16	1,885.95
		For NEMA 3R Panelboard, Add	*2,136.20*	
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*	
26 24 16 00-0167	EA	400 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers	11,379.25	2,100.21
		For NEMA 3R Panelboard, Add	*2,136.20*	
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*	
26 24 16 00-0168	EA	600 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >400 To 600 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers	13,848.77	2,521.01
		For NEMA 3R Panelboard, Add	*2,136.20*	
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*	

26 24 16 00-0169 Unassembled Lighting And Power Panelboards *(26 24 16 00-0001)*

Note: Includes the main device (lugs or breaker), connection of main service cable from meter and that portion of the panel box, trim and interior occupied by that device. Spaces include that portion of the panel box, trim and interior reserved by that space. The maximum single pole capacity of the panelboard main device (lugs, breakers) is indicated. Excludes branch breakers. A complete panelboard will be the sum of main device and the branch circuit breakers and spaces (within the capacity of the main device). See CSI section 26 28 16 13-0001 for circuit breakers.

26 24 16 00-0170 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboards *(26 24 16 00-0169)*

Note: As manufactured by Square D or equal. Accepts plug-on and bolt-on breakers.

26 24 16 00-0171 Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboards *(26 24 16 00-0170)*

26 24 16 00-0172	EA	100 Ampere Rating, 12 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	707.68
26 24 16 00-0173	EA	100 Ampere Rating, 20 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	814.67
26 24 16 00-0174	EA	225 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,111.07
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*
26 24 16 00-0175	EA	225 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,282.76
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*
26 24 16 00-0176	EA	225 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,451.92
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*
26 24 16 00-0177	EA	400 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,624.57
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*
26 24 16 00-0178	EA	400 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,764.09
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*
26 24 16 00-0179	EA	400 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,932.17
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*
26 24 16 00-0180	EA	600 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,107.85
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*
26 24 16 00-0181	EA	600 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,247.03
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*
26 24 16 00-0182	EA	600 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,455.26
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*

26 24 16 00-0183 Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboards *(26 24 16 00-0170)*

26 24 16 00-0184	EA	100 Ampere Rating, 12 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,053.28
26 24 16 00-0185	EA	100 Ampere Rating, 20 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,194.06
26 24 16 00-0186	EA	225 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,914.51
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*
26 24 16 00-0187	EA	225 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,126.56
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*
26 24 16 00-0188	EA	225 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,326.19
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*
26 24 16 00-0189	EA	400 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	4,027.02
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*
26 24 16 00-0190	EA	400 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	4,266.75
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*
26 24 16 00-0191	EA	400 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	4,482.84
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0192		Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboards *(26 24 16 00-0170)*			
26 24 16 00-0193	EA	100 Ampere Rating, 12 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard		1,426.93	
26 24 16 00-0194	EA	100 Ampere Rating, 20 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard		1,525.70	
26 24 16 00-0195	EA	225 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard		1,804.97	
26 24 16 00-0196	EA	225 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard		1,973.25	
26 24 16 00-0197	EA	225 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard		2,129.39	
26 24 16 00-0198	EA	400 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard		2,434.93	
26 24 16 00-0199	EA	400 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard		2,565.54	
26 24 16 00-0200	EA	400 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard		2,725.40	
26 24 16 00-0201	EA	600 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard		2,964.11	
26 24 16 00-0202	EA	600 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard		3,098.23	
26 24 16 00-0203	EA	600 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard		3,293.69	
26 24 16 00-0204		Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboards *(26 24 16 00-0170)*			
26 24 16 00-0205	EA	100 Ampere Rating, 12 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard		1,764.31	
26 24 16 00-0206	EA	100 Ampere Rating, 20 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard		1,896.19	
26 24 16 00-0207	EA	225 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard		2,741.31	
26 24 16 00-0208	EA	225 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard		2,936.92	
26 24 16 00-0209	EA	225 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard		3,124.22	
26 24 16 00-0210	EA	400 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard		4,807.92	
26 24 16 00-0211	EA	400 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard		5,039.43	
26 24 16 00-0212	EA	400 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard		5,253.47	
26 24 16 00-0213		240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboards *(26 24 16 00-0169)*			
		Note: As manufactured by Square D or equal. Accepts plug-on and bolt-on breakers			
26 24 16 00-0214		Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboards *(26 24 16 00-0213)*			
26 24 16 00-0215	EA	100 Ampere Rating, 12 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard		797.94	
26 24 16 00-0216	EA	100 Ampere Rating, 24 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard		938.73	
26 24 16 00-0217	EA	100 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard		1,057.26	
		For Door-In-Door (Hinged) Trim Front, Add		*126.97*	
26 24 16 00-0218	EA	225 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard		1,198.20	
		For Door-In-Door (Hinged) Trim Front, Add		*126.97*	
26 24 16 00-0219	EA	225 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard		1,379.39	
		For Door-In-Door (Hinged) Trim Front, Add		*216.84*	
26 24 16 00-0220	EA	225 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard		1,527.87	
		For Door-In-Door (Hinged) Trim Front, Add		*277.14*	
26 24 16 00-0221	EA	400 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard		1,761.91	
		For Door-In-Door (Hinged) Trim Front, Add		*126.97*	
26 24 16 00-0222	EA	400 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard		1,898.96	
		For Door-In-Door (Hinged) Trim Front, Add		*216.84*	
26 24 16 00-0223	EA	400 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard		2,050.45	
		For Door-In-Door (Hinged) Trim Front, Add		*277.14*	
26 24 16 00-0224	EA	600 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard		2,260.25	
		For Door-In-Door (Hinged) Trim Front, Add		*126.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0225	EA	600 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,493.93	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0226	EA	600 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,948.38	
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*	

26 24 16 00-0227 Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboards *(26 24 16 00-0213)*

26 24 16 00-0228	EA	100 Ampere Rating, 12 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,234.68	
26 24 16 00-0229	EA	100 Ampere Rating, 24 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,392.77	
26 24 16 00-0230	EA	100 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,600.15	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0231	EA	225 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,368.51	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0232	EA	225 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,565.11	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0233	EA	225 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,749.50	
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*	
26 24 16 00-0234	EA	400 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	3,801.77	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0235	EA	400 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	4,024.95	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0236	EA	400 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	4,209.99	
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*	

26 24 16 00-0237 Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboards *(26 24 16 00-0213)*

26 24 16 00-0238	EA	100 Ampere Rating, 12 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,517.19	
26 24 16 00-0239	EA	100 Ampere Rating, 24 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,649.76	
26 24 16 00-0240	EA	100 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,759.39	
26 24 16 00-0241	EA	225 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,892.11	
26 24 16 00-0242	EA	225 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,069.87	
26 24 16 00-0243	EA	225 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,205.34	
26 24 16 00-0244	EA	400 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,572.27	
26 24 16 00-0245	EA	400 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,700.41	
26 24 16 00-0246	EA	400 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,843.69	
26 24 16 00-0247	EA	600 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	3,116.51	
26 24 16 00-0248	EA	600 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	3,334.43	
26 24 16 00-0249	EA	600 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	3,788.87	

26 24 16 00-0250 Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboards *(26 24 16 00-0213)*

26 24 16 00-0251	EA	100 Ampere Rating, 12 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,945.71	
26 24 16 00-0252	EA	100 Ampere Rating, 24 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,094.90	
26 24 16 00-0253	EA	100 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,297.49	
26 24 16 00-0254	EA	225 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	3,195.30	
26 24 16 00-0255	EA	225 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	3,375.47	
26 24 16 00-0256	EA	225 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	3,547.53	
26 24 16 00-0257	EA	400 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	5,300.82	
26 24 16 00-0258	EA	400 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	5,531.13	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0259	EA	400 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	5,728.22	

26 24 16 00-0260 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboards *(26 24 16 00-0169)*

Note: As manufactured by Square D or equal.

26 24 16 00-0261 Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboards *(26 24 16 00-0260)*

26 24 16 00-0262	EA	125 Ampere Rating, 12 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,141.85	
26 24 16 00-0263	EA	125 Ampere Rating, 18 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,253.88	
26 24 16 00-0264	EA	250 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,732.46	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0265	EA	250 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,932.24	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0266	EA	250 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,105.11	
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*	
26 24 16 00-0267	EA	400 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,102.21	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0268	EA	400 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,216.12	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0269	EA	400 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,407.92	
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*	
26 24 16 00-0270	EA	600 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,550.57	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0271	EA	600 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,734.01	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0272	EA	600 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,986.11	
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*	

26 24 16 00-0273 Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboards *(26 24 16 00-0260)*

26 24 16 00-0274	EA	100 Ampere Rating, 12 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,336.51	
26 24 16 00-0275	EA	100 Ampere Rating, 18 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,410.25	
26 24 16 00-0276	EA	125 Ampere Rating, 18 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,616.93	
26 24 16 00-0277	EA	125 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,758.36	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0278	EA	125 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,041.48	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0279	EA	250 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,952.57	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0280	EA	250 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,128.01	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0281	EA	250 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,354.52	
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*	
26 24 16 00-0282	EA	400 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,498.40	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0283	EA	400 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,736.85	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0284	EA	400 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,952.56	
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*	

26 24 16 00-0285 Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboards *(26 24 16 00-0260)*

26 24 16 00-0286	EA	125 Ampere Rating, 12 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,836.45	
26 24 16 00-0287	EA	125 Ampere Rating, 18 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,948.48	
26 24 16 00-0288	EA	250 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,410.62	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0289	EA	250 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,729.59	
26 24 16 00-0290	EA	250 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,888.75	
26 24 16 00-0291	EA	400 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,885.85	
26 24 16 00-0292	EA	400 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,979.21	
26 24 16 00-0293	EA	400 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,141.56	
26 24 16 00-0294	EA	600 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,352.70	
26 24 16 00-0295	EA	600 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,519.38	
26 24 16 00-0296	EA	600 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,735.44	

26 24 16 00-0297 Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboards *(26 24 16 00-0260)*

26 24 16 00-0298	EA	100 Ampere Rating, 12 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,179.06	
26 24 16 00-0299	EA	100 Ampere Rating, 18 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,252.80	
26 24 16 00-0300	EA	125 Ampere Rating, 18 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,301.25	
26 24 16 00-0301	EA	125 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,436.51	
26 24 16 00-0302	EA	125 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,838.82	
26 24 16 00-0303	EA	250 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,736.21	
26 24 16 00-0304	EA	250 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,891.10	
26 24 16 00-0305	EA	250 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	5,088.15	
26 24 16 00-0306	EA	400 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	5,232.03	
26 24 16 00-0307	EA	400 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	5,451.67	
26 24 16 00-0308	EA	400 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	5,664.52	

26 24 16 00-0309 480Y/277 Volt AC, 4 Wire, 3 Phase, Unassembled Panelboards *(26 24 16 00-0169)*

Note: As manufactured by Square D or equal.

26 24 16 00-0310 Main Lugs, NEMA 1, 480Y/277 Volt AC, 4 Wire, 3 Phase, Unassembled Panelboards *(26 24 16 00-0309)*

26 24 16 00-0311	EA	125 Ampere Rating, 12 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	1,188.43	
26 24 16 00-0312	EA	125 Ampere Rating, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	1,301.15	
26 24 16 00-0313	EA	125 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	1,505.94	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0314	EA	250 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	1,801.00	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0315	EA	250 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	2,002.30	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0316	EA	250 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	2,173.83	
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*	
26 24 16 00-0317	EA	400 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	2,192.78	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0318	EA	400 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	2,328.46	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0319	EA	400 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	2,518.81	
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*	
26 24 16 00-0320	EA	600 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	2,661.67	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0321	EA	600 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	2,846.03	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0322	EA	600 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	3,099.08	
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0323		Main Breaker, NEMA 1, 480Y/277 Volt AC, 4 Wire, 3 Phase, Unassembled Panelboards *(26 24 16 00-0309)*		
26 24 16 00-0324	EA	100 Ampere Rating, 12 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	2,576.26	
26 24 16 00-0325	EA	100 Ampere Rating, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	2,650.68	
26 24 16 00-0326	EA	100 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	2,872.52	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0327	EA	125 Ampere Rating, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	2,946.50	
26 24 16 00-0328	EA	125 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	3,088.49	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0329	EA	125 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	3,370.88	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0330	EA	250 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	4,339.13	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0331	EA	250 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	4,516.68	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0332	EA	250 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	4,740.80	
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*	
26 24 16 00-0333	EA	400 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	4,961.60	
		For Door-In-Door (Hinged) Trim Front, Add	*126.97*	
26 24 16 00-0334	EA	400 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	5,202.33	
		For Door-In-Door (Hinged) Trim Front, Add	*216.84*	
26 24 16 00-0335	EA	400 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	5,417.92	
		For Door-In-Door (Hinged) Trim Front, Add	*277.14*	
26 24 16 00-0336		Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 4 Wire, 3 Phase, Unassembled Panelboards *(26 24 16 00-0309)*		
26 24 16 00-0337	EA	125 Ampere Rating, 12 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	1,883.03	
26 24 16 00-0338	EA	125 Ampere Rating, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	1,995.74	
26 24 16 00-0339	EA	125 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	2,190.26	
26 24 16 00-0340	EA	250 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	2,479.16	
26 24 16 00-0341	EA	250 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	2,799.64	
26 24 16 00-0342	EA	250 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	2,957.47	
26 24 16 00-0343	EA	400 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	2,978.48	
26 24 16 00-0344	EA	400 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	3,091.55	
26 24 16 00-0345	EA	400 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	3,252.44	
26 24 16 00-0346	EA	600 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	3,463.80	
26 24 16 00-0347	EA	600 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	3,631.04	
26 24 16 00-0348	EA	600 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	3,847.10	
26 24 16 00-0349		Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 4 Wire, 3 Phase, Unassembled Panelboards *(26 24 16 00-0309)*		
26 24 16 00-0350	EA	100 Ampere Rating, 12 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	3,254.41	
26 24 16 00-0351	EA	100 Ampere Rating, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	3,328.84	
26 24 16 00-0352	EA	100 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	3,669.86	
26 24 16 00-0353	EA	125 Ampere Rating, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	3,630.82	
26 24 16 00-0354	EA	125 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	3,766.64	
26 24 16 00-0355	EA	125 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	4,168.23	
26 24 16 00-0356	EA	250 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	5,122.77	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0357	EA	250 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	5,279.78	
26 24 16 00-0358	EA	250 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	5,474.44	
26 24 16 00-0359	EA	400 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	5,695.24	
26 24 16 00-0360	EA	400 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	5,916.79	
26 24 16 00-0361	EA	400 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	6,128.95	

26 24 16 00-0362 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboards *(26 24 16 00-0169)*

Note: Square D I-Line or equal.

26 24 16 00-0363 Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboards *(26 24 16 00-0362)*

26 24 16 00-0364	EA	400 Ampere Rating, 27" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	2,044.42	381.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*228.93*	
26 24 16 00-0365	EA	400 Ampere Rating, 45" Breaker Mounted Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	2,387.78	381.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*228.87*	
26 24 16 00-0366	EA	400 Ampere Rating, 63" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	2,646.35	381.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*228.87*	
26 24 16 00-0367	EA	600 Ampere Rating, 27" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	3,037.10	626.40
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*375.85*	
26 24 16 00-0368	EA	600 Ampere Rating, 45" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	3,237.23	626.40
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*375.85*	
26 24 16 00-0369	EA	600 Ampere Rating, 63" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	3,456.83	626.40
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*375.85*	
26 24 16 00-0370	EA	800 Ampere Rating, 27" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	3,749.81	832.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*499.60*	
26 24 16 00-0371	EA	800 Ampere Rating, 45" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	3,942.63	835.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*501.13*	
26 24 16 00-0372	EA	800 Ampere Rating, 63" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	4,020.77	832.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*499.60*	
26 24 16 00-0373	EA	800 Ampere Rating, 99" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	4,655.68	832.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*499.60*	
26 24 16 00-0374	EA	1,200 Ampere Rating, 27" Breaker Mounting Space, 600 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	6,083.95	1,252.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*751.69*	
26 24 16 00-0375	EA	1,200 Ampere Rating, 45" Breaker Mounting Space, 600 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	6,516.07	1,252.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*751.69*	
26 24 16 00-0376	EA	1,200 Ampere Rating, 63" Breaker Mounting Space, 600 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	6,869.39	1,252.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*751.69*	
26 24 16 00-0377	EA	1,200 Ampere Rating, 99" Breaker Mounting Space, 600 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	7,300.63	1,252.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*751.69*	

26 24 16 00-0378 Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboards *(26 24 16 00-0362)*

26 24 16 00-0379	EA	225 Ampere Rating, 36" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	3,917.43	389.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*233.76*	
26 24 16 00-0380	EA	400 Ampere Rating, 27" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	5,136.04	441.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*265.16*	
26 24 16 00-0381	EA	400 Ampere Rating, 45" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	5,385.75	441.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*265.16*	
26 24 16 00-0382	EA	400 Ampere Rating, 81" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	6,120.71	441.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*265.16*	
26 24 16 00-0383	EA	600 Ampere Rating, 36" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	7,997.17	724.40
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*434.67*	
26 24 16 00-0384	EA	600 Ampere Rating, 72" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	8,410.12	726.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*435.82*	
26 24 16 00-0385	EA	600 Ampere Rating, 72" Breaker Mounting Space, 600 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	8,749.85	724.40
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*434.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0386	EA	800 Ampere Rating, 36" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	10,116.35	968.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*581.09*	
26 24 16 00-0387	EA	800 Ampere Rating, 72" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	10,604.51	965.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*579.04*	
26 24 16 00-0388	EA	800 Ampere Rating, 72" Breaker Mounting Space, 600 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	11,091.54	965.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*579.04*	

26 24 16 00-0389 Residential Lighting And Power Panelboards *(26 24 16 00-0001)*

See CSI section 26 28 16 13-0001 for circuit breakers.

26 24 16 00-0390 Residential Type Unassembled Load Center *(26 24 16 00-0389)*

Note: Interior box and cover, includes ground bar kit.

26 24 16 00-0391 Main Lug Load Center, 3 Phase, 4 Wire, 208 Y/120 Volt AC *(26 24 16 00-0390)*

Note: 3 Phase, 4 wire, 240/120 Volt AC Delta; 3 phase, 3 wire, 240 Volt AC Delta.

26 24 16 00-0392	EA	60 Ampere Rating, 3 Circuit, Main Lug Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Unassembled Panelboard	238.11	70.57
26 24 16 00-0393	EA	125 Ampere Rating, 3 Circuit, Main Lug Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Unassembled Panelboard	423.87	76.98

26 24 16 00-0394 Main Lug Load Center, Single Phase, 3 Wire, 120/240 Volt, Rainproof *(26 24 16 00-0390)*

26 24 16 00-0395	EA	40 Ampere Rating, 2 Circuit, Main Lug Load Center, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled Panelboard	242.08	70.57
26 24 16 00-0396	EA	70 Ampere Rating, 4 Circuit, Main Lug Load Center, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled Panelboard	269.93	76.98
26 24 16 00-0397	EA	100 Ampere Rating, 8 Circuit, Main Lug Load Center, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled Panelboard	951.27	366.28
26 24 16 00-0398	EA	150 Ampere Rating, 30 Circuit, Main Lug Load Center, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled Panelboard	2,157.85	833.92

26 24 16 00-0399 Main Lug Load Center, 3 Phase, 4 Wire, 208 Y/120 Volt AC *(26 24 16 00-0390)*

Note: 3 Phase, 4 wire, 240/120 Volt AC Delta; 3 phase, 3 wire, 240 Volt AC Delta, Rainproof.

26 24 16 00-0400	EA	60 Ampere Rating, 3 Circuit, Main Lug Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Rainproof, Unassembled Panelboard	298.51	70.57
26 24 16 00-0401	EA	125 Ampere Rating, 20 Circuit, Main Lug Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Rainproof, Unassembled Panelboard	2,084.10	769.90

26 24 16 00-0402 Main Breaker Load Center, Single Phase, 3 Wire, 120/240 Volt *(26 24 16 00-0390)*

26 24 16 00-0403	EA	125 Ampere Rating, 24 Circuit, Main Breaker Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard	2,239.24	769.90
26 24 16 00-0404	EA	150 Ampere Rating, 30 Circuit, Main Breaker Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard	2,430.51	833.92
26 24 16 00-0405	EA	300 Ampere Rating, 42 Circuit, Main Breaker Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard	8,458.62	1,282.96

26 24 16 00-0406 Main Breaker Load Center, 3 Phase, 4 Wire, 208 Y/120 Volt AC *(26 24 16 00-0390)*

Note: 3 Phase, 4 wire, 240/120 Volt AC Delta; 3 phase, 3 wire, 240 V Delta.

26 24 16 00-0407	EA	125 Ampere Rating, 30 Circuit, Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Unassembled Panelboard	3,241.55	769.90
26 24 16 00-0408	EA	150 Ampere Rating, 40 Circuit, Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Unassembled Panelboard	3,535.50	833.92
26 24 16 00-0409	EA	300 Ampere Rating, 42 Circuit, Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Unassembled Panelboard	9,301.99	1,282.96

26 24 16 00-0410 Main Breaker Load Center, Single Phase, 3 Wire, 120/240 Volt, Rainproof *(26 24 16 00-0390)*

26 24 16 00-0411	EA	125 Ampere Rating, 24 Circuit, Main Breaker Load Center, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled Panelboard	2,351.41	769.90
26 24 16 00-0412	EA	150 Ampere Rating, 30 Circuit, Main Breaker Load Center, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled Panelboard	2,622.07	833.92

26 24 16 00-0413 Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC *(26 24 16 00-0390)*

Note: 3 Phase, 4 wire, 240/120 Volt AC Delta; 3 phase, 3 wire, 240 Volt AC Delta, Rainproof.

26 24 16 00-0414	EA	125 Ampere Rating, 30 Circuit, Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Rainproof, Unassembled Panelboard	3,427.58	769.90
26 24 16 00-0415	EA	155 Ampere Rating, 30 Circuit, Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Rainproof, Unassembled Panelboard	3,555.69	833.92

26 24 16 00-0416 Residential Type Assembled Load Center *(26 24 16 00-0389)*

26 24 16 00-0417 Main Lug Load Center, 4 Wire, 20 Amperes, 120/208 Volt *(26 24 16 00-0416)*

Note: Includes 1 pole plug-in breaker.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0418	EA	125 Ampere Rating, Main Lugs, Indoor, 12 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,157.76	427.86
26 24 16 00-0419	EA	125 Ampere Rating, Main Lugs, Indoor, 18 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,726.47	641.48
26 24 16 00-0420	EA	125 Ampere Rating, Main Lugs, Rainproof, 12 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,214.71	427.86
26 24 16 00-0421	EA	125 Ampere Rating, Main Lugs, Rainproof, 18 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,778.25	641.48
26 24 16 00-0422	EA	200 Ampere Rating, Main Lugs, Indoor, 24 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,183.23	789.66
26 24 16 00-0423	EA	200 Ampere Rating, Main Lugs, Indoor, 30 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,383.65	855.35
26 24 16 00-0424	EA	200 Ampere Rating, Main Lugs, Indoor, 36 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,916.26	1,026.75
26 24 16 00-0425	EA	200 Ampere Rating, Main Lugs, Indoor, 42 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	3,506.45	1,282.96
26 24 16 00-0426	EA	200 Ampere Rating, Main Lugs, Rainproof, 24 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,243.63	789.66
26 24 16 00-0427	EA	200 Ampere Rating, Main Lugs, Rainproof, 30 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,451.77	854.84
26 24 16 00-0428	EA	200 Ampere Rating, Main Lugs, Rainproof, 36 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	3,147.92	1,025.98
26 24 16 00-0429	EA	200 Ampere Rating, Main Lugs, Rainproof, 42 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	3,739.42	1,282.96
26 24 16 00-0430	EA	400 Ampere Rating, Main Lugs, Indoor, 42 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	4,274.74	1,425.50
26 24 16 00-0431	EA	400 Ampere Rating, Main Lugs, Rainproof, 42 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	4,481.83	1,425.50

26 24 16 00-0432 Main Breaker Load Center, 3 Wire, 20 Amperes, 120/240 Volt, 1 Phase *(26 24 16 00-0416)*

Note: Includes 1 pole plug-in breaker.

26 24 16 00-0433	EA	125 Ampere Rating, Main Breaker, Indoor, 12 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,150.86	427.86
26 24 16 00-0434	EA	125 Ampere Rating, Main Breaker, Indoor, 18 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,702.31	641.48
26 24 16 00-0435	EA	200 Ampere Rating, Main Breaker, Indoor, 20 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,964.31	684.46
26 24 16 00-0436	EA	200 Ampere Rating, Main Breaker, Indoor, 24 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,253.04	790.05
26 24 16 00-0437	EA	200 Ampere Rating, Main Breaker, Indoor, 30 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,478.56	855.35
26 24 16 00-0438	EA	200 Ampere Rating, Main Breaker, Indoor, 40 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	3,282.14	1,140.55
26 24 16 00-0439	EA	200 Ampere Rating, Main Breaker, Rainproof, 20 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,981.57	684.46
26 24 16 00-0440	EA	200 Ampere Rating, Main Breaker, Rainproof, 24 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,286.77	789.66
26 24 16 00-0441	EA	200 Ampere Rating, Main Breaker, Rainproof, 30 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,486.28	854.84
26 24 16 00-0442	EA	200 Ampere Rating, Main Breaker, Rainproof, 40 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	3,187.22	1,140.55
26 24 16 00-0443	EA	400 Ampere Rating, Main Breaker, Indoor, 42 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	6,000.48	1,425.50
26 24 16 00-0444	EA	400 Ampere Rating, Main Breaker, Rainproof, 42 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	6,345.63	1,425.50

26 24 16 00-0445 Main Breaker Load Center, 4 Wire, 20 Amperes, 120/208 Volt *(26 24 16 00-0416)*

Note: Includes 1 pole plug-in breaker.

26 24 16 00-0446	EA	200 Ampere Rating, Main Breaker, Indoor, 30 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,961.77	855.35
26 24 16 00-0447	EA	200 Ampere Rating, Main Breaker, Indoor, 42 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	4,058.68	1,282.96
26 24 16 00-0448	EA	200 Ampere Rating, Main Breaker, Rainproof, 30 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	3,064.40	854.84
26 24 16 00-0449	EA	200 Ampere Rating, Main Breaker, Rainproof, 42 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	4,162.23	1,282.96

26 24 16 00-0450 Panel Mounted Accessories And Fuseholders *(26 24 16 00-0001)*

26 24 16 00-0451 Midget Finger-Safe Fuse Holders *(26 24 16 00-0450)*

Note: 30 Amp capacity. Excludes fuse.

26 24 16 00-0452	EA	1 Pole Midget Finger-Safe Fuse Holder	81.60	23.09
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.40*	
26 24 16 00-0453	EA	1 Pole With Indicator Midget Finger-Safe Fuse Holder	95.94	23.09
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.40*	
26 24 16 00-0454	EA	2 Pole Midget Finger-Safe Fuse Holder	131.51	34.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.09*	
26 24 16 00-0455	EA	2 Pole With Indicators Midget Finger-Safe Fuse Holder	168.95	34.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.09*	
26 24 16 00-0456	EA	3 Pole Midget Finger-Safe Fuse Holder	193.03	46.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0457	EA	3 Pole With Indicators Midget Finger-Safe Fuse Holder	242.75	46.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.79*	
26 24 16 00-0458	EA	3 Pole With 4th Neutral Pole Midget Finger-Safe Fuse Holder Note: With indicators.	284.34	46.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.79*	
26 24 16 00-0459	EA	3 Pole With 4th Neutral Pole Midget Finger-Safe Fuse Holder	229.20	46.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.79*	
26 24 16 00-0460	EA	4 Pole Midget Finger-Safe Fuse Holder	243.10	57.73
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.49*	
26 24 16 00-0461	EA	4 Pole With Indicator Midget Finger-Safe Fuse Holder	297.70	57.73
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.49*	
26 24 16 00-0462	EA	12 To 24 Volt DC Midget Finger-Safe Fuse Holder Note: With indicator.	95.99	23.09
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.40*	
26 24 16 00-0463	EA	20 To 24 Volt DC Midget Finger-Safe Fuse Holder Note: With indicator.	103.60	23.09
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.40*	
26 24 16 00-0464	EA	35 To 48 Volt DC Midget Finger-Safe Fuse Holder Note: With indicator.	97.39	23.09
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.40*	
26 24 16 00-0465		Removal And Reinstallation Of Panelboards *(26 24 16 00-0001)* Note: Includes storage, cleaning and supply materials.		
26 24 16 00-0466	EA	Removal And Reinstallation Of Up To 42 Circuit Capacity Panelboards With Breakers Note: Includes removal and reinstallation of main wiring to panelboard.	1,610.66	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*481.11*	
26 24 16 00-0467	EA	Removal And Reinstallation Of Breaker, 1-2-3 Pole, Any Amperage	85.39	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.02*	
26 24 16 00-0468	EA	Panelboard Filler Plate, Fits 1" Opening	6.01	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.20*	
26 24 16 00-0469		Combination Transformer/Panelboard *(26 24 16)*		
26 24 16 00-0470		Mini Power-Zone™ Unit Substation *(26 24 16 00-0469)* Note: 480 Volt Primary, 208 Star/120 Volt Secondary Voltage, NQ Paneboard Interior, Interrupt Rating 18 kAIR, Type NEMA 3R Enclosure, (2) 5 Percent Fcbn Taps; QOB360 Secondary Main Breaker Type; FAL34040 Primary Main Breaker Type		
26 24 16 00-0471	EA	15 KVA, 480 Volt Primary, 208Y120 Secondary, 3 Phase, NEMA 3R Enclosure, Mini Power-Zone™ Unit Substation (Square D MPZB15T2F) Note: 24 single pole circuit capacity	29,053.05	1,029.98
26 24 16 00-0472	EA	22.5 KVA, 480 Volt Primary, 208Y120 Secondary, 3 Phase, NEMA 3R Enclosure, Mini Power-Zone™ Unit Substation (Square D MPZB22T2F) Note: 24 single pole circuit capacity	35,680.28	1,150.73
26 24 16 00-0473	EA	30 KVA, 480 Volt Primary, 208Y120 Secondary, 3 Phase, NEMA 3R Enclosure, Mini Power-Zone™ Unit Substation (Square D MPZB30T2F) Note: 24 single pole circuit capacity	43,453.54	1,264.39
26 24 16 00-0474		Mini Power-Zone™ Unit Substation *(26 24 16 00-0469)* Note: 480 Volt Primary, 208 Star/120 Volt Secondary Voltage, NQ Paneboard Interior, Interrupt Rating 25 kAIR, Type NEMA 3R Enclosure, (2) 5 Percent Fcbn Taps; QOB360 Secondary Main Breaker Type; FAL34040 Primary Main Breaker Type		
26 24 16 00-0475	EA	15 KVA, 480 Volt Primary, 208Y120 Secondary, 3 Phase, NEMA 3R Enclosure, Mini Power-Zone™ Unit Substation (Square D MPZB15T2F25K) Note: 24 single pole circuit capacity	36,658.53	1,029.98
26 24 16 00-0476	EA	22.5 KVA, 480 Volt Primary, 208Y120 Secondary, 3 Phase, NEMA 3R Enclosure, Mini Power-Zone™ Unit Substation (Square D MPZB22T2F25K) Note: 24 single pole circuit capacity	42,369.36	1,150.73
26 24 16 00-0477	EA	30 KVA, 480 Volt Primary, 208Y120 Secondary, 3 Phase, NEMA 3R Enclosure, Mini Power-Zone™ Unit Substation (Square D MPZB30T2F25K) Note: 24 single pole circuit capacity	48,301.23	1,264.39
26 24 19		**Motor-Control Centers** *(26 24)*		
26 24 19 00-0001		Combination Starters With Molded Case Circuit Breakers *(26 24 19)* Note: Includes NEMA I enclosure of indoor installation, vertical free standing floor mounted sections (90" high x 20" wide x 16" o 20" Deep), fully factory assembled and wired internally.		
26 24 19 00-0002		230 Volt Combination With Molded Case Circuit, Full Volt *(26 24 19 00-0001)* Note: 1-Speed non-reversing.		
26 24 19 00-0003	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 7-1/2 HP Combination With Molded Case Circuit	2,542.47	117.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*70.33*	
26 24 19 00-0004	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 15 HP Combination With Molded Case Circuit	3,010.50	123.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*73.85*	
26 24 19 00-0005	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 30 HP Combination With Molded Case Circuit	4,478.02	128.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*77.36*	
26 24 19 00-0006	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 50 HP Combination With Molded Case Circuit	8,114.92	152.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*91.43*	
26 24 19 00-0007	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 100 HP Combination With Molded Case Circuit	16,338.93	175.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*105.50*	
26 24 19 00-0008	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 200 HP Combination With Molded Case Circuit	27,486.94	234.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*140.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0009		**480 Volt Combination With Molded Case Circuit, Full Volt** *(26 24 19 00-0001)* Note: 1-Speed non-reversing.		
26 24 19 00-0010	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 10 HP Combination With Molded Case Circuit	2,542.47	117.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*70.33*	
26 24 19 00-0011	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 25 HP Combination With Molded Case Circuit	3,010.50	123.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*73.85*	
26 24 19 00-0012	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 50 HP Combination With Molded Case Circuit	4,478.02	128.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*77.36*	
26 24 19 00-0013	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 100 HP Combination With Molded Case Circuit	8,114.92	152.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*91.43*	
26 24 19 00-0014	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 200 HP Combination With Molded Case Circuit	16,338.93	175.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*105.50*	
26 24 19 00-0015	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 400 HP Combination With Molded Case Circuit	27,486.94	234.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*140.66*	
26 24 19 00-0016		**230 Volt Combination With Molded Case Circuit, Full Volt** *(26 24 19 00-0001)* Note: 1-Speed reversing.		
26 24 19 00-0017	EA	230 Volt, Full Volt, 1 Speed, Reversing, 7-1/2 HP Combination With Molded Case Circuit	3,682.00	117.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*70.33*	
26 24 19 00-0018	EA	230 Volt, Full Volt, 1 Speed, Reversing, 15 HP Combination With Molded Case Circuit	4,905.70	123.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*73.85*	
26 24 19 00-0019	EA	230 Volt, Full Volt, 1 Speed, Reversing, 30 HP Combination With Molded Case Circuit	7,029.90	128.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*77.36*	
26 24 19 00-0020	EA	230 Volt, Full Volt, 1 Speed, Reversing, 50 HP Combination With Molded Case Circuit	12,296.43	152.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*91.43*	
26 24 19 00-0021	EA	230 Volt, Full Volt, 1 Speed, Reversing, 100 HP Combination With Molded Case Circuit	24,197.38	175.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*105.50*	
26 24 19 00-0022	EA	230 Volt, Full Volt, 1 Speed, Reversing, 200 HP Combination With Molded Case Circuit	41,697.32	234.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*140.66*	
26 24 19 00-0023		**480 Volt Combination With Molded Case Circuit, Full Volt** *(26 24 19 00-0001)* Note: 1-Speed reversing.		
26 24 19 00-0024	EA	480 Volt, Full Volt, 1 Speed, Reversing, 10 HP Combination With Molded Case Circuit	3,682.00	117.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*70.33*	
26 24 19 00-0025	EA	480 Volt, Full Volt, 1 Speed, Reversing, 25 HP Combination With Molded Case Circuit	4,905.70	123.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*73.85*	
26 24 19 00-0026	EA	480 Volt, Full Volt, 1 Speed, Reversing, 50 HP Combination With Molded Case Circuit	7,029.90	128.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*77.36*	
26 24 19 00-0027	EA	480 Volt, Full Volt, 1 Speed, Reversing, 100 HP Combination With Molded Case Circuit	12,296.43	152.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*91.43*	
26 24 19 00-0028	EA	480 Volt, Full Volt, 1 Speed, Reversing, 200 HP Combination With Molded Case Circuit	24,197.38	175.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*105.50*	
26 24 19 00-0029	EA	480 Volt, Full Volt, 1 Speed, Reversing, 400 HP Combination With Molded Case Circuit	41,697.32	234.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*140.66*	
26 24 19 00-0030		**230 Volt Combination With Molded Case Circuit, Full Volt** *(26 24 19 00-0001)* Note: 2-Speed non-reversing, 2 wind.		
26 24 19 00-0031	EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 7-1/2 HP Combination With Molded Case Circuit	4,481.75	187.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*112.52*	
26 24 19 00-0032	EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 15 HP Combination With Molded Case Circuit	6,161.40	199.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*119.56*	
26 24 19 00-0033	EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 30 HP Combination With Molded Case Circuit	9,067.45	210.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*126.59*	
26 24 19 00-0034	EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 50 HP Combination With Molded Case Circuit	16,197.47	240.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*144.17*	
26 24 19 00-0035	EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 100 HP Combination With Molded Case Circuit	26,827.48	281.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*168.80*	
26 24 19 00-0036		**480 Volt Combination With Molded Case Circuit, Full Volt** *(26 24 19 00-0001)* Note: 2-Speed non-reversing, 2 wind.		
26 24 19 00-0037	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 10 HP Combination With Molded Case Circuit	4,481.75	187.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*112.52*	
26 24 19 00-0038	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 25 HP Combination With Molded Case Circuit	6,161.40	199.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*119.56*	
26 24 19 00-0039	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 50 HP Combination With Molded Case Circuit	9,067.45	210.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*126.59*	
26 24 19 00-0040	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 100 HP Combination With Molded Case Circuit	16,197.47	240.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*144.17*	
26 24 19 00-0041	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 200 HP Combination With Molded Case Circuit	26,827.48	281.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*168.80*	
26 24 19 00-0042		**230 Volt Combination With Molded Case Circuit, Full Volt** *(26 24 19 00-0001)* Note: 2-Speed non-reversing, 2 wind.		
26 24 19 00-0043	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 7-1/2 HP Combination With Molded Case Circuit	5,171.61	117.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*70.33*	
26 24 19 00-0044	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 15 HP Combination With Molded Case Circuit	7,694.18	123.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*73.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0045	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 30 HP Combination With Molded Case Circuit	10,530.59	128.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*77.36*	
26 24 19 00-0046	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 50 HP Combination With Molded Case Circuit	19,778.25	152.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*91.43*	
26 24 19 00-0047	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 100 HP Combination With Molded Case Circuit	34,262.46	175.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*105.50*	
26 24 19 00-0048		**480 Volt Combination With Molded Case Circuit, Full Volt** *(26 24 19 00-0001)*		
		Note: 2-Speed non-reversing, 1 wind.		
26 24 19 00-0049	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 10 HP Combination With Molded Case Circuit	5,171.61	117.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*70.33*	
26 24 19 00-0050	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 25 HP Combination With Molded Case Circuit	7,694.18	123.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*73.85*	
26 24 19 00-0051	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 50 HP Combination With Molded Case Circuit	10,530.59	128.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*77.36*	
26 24 19 00-0052	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 100 HP Combination With Molded Case Circuit	19,778.25	152.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*91.43*	
26 24 19 00-0053	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 200 HP Combination With Molded Case Circuit	34,262.46	175.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*105.50*	
26 24 19 00-0054		**230 Volt Combination With Molded Case Circuit** *(26 24 19 00-0001)*		
		Note: Reducing volt, auto-transformer.		
26 24 19 00-0055	EA	230 Volt, Reduced Volt, Auto Transformer, 15 HP Combination With Molded Case Circuit	7,645.89	123.08
26 24 19 00-0056	EA	230 Volt, Reduced Volt, Auto Transformer, 30 HP Combination With Molded Case Circuit	11,703.57	134.80
26 24 19 00-0057	EA	230 Volt, Reduced Volt, Auto Transformer, 50 HP Combination With Molded Case Circuit	19,722.72	152.39
26 24 19 00-0058	EA	230 Volt, Reduced Volt, Auto Transformer, 100 HP Combination With Molded Case Circuit	30,505.86	175.82
26 24 19 00-0059	EA	230 Volt, Reduced Volt, Auto Transformer, 200 HP Combination With Molded Case Circuit	52,184.90	234.43
26 24 19 00-0060		**480 Volt Combination With Molded Case Circuit** *(26 24 19 00-0001)*		
		Note: Reducing volt, auto-transformer.		
26 24 19 00-0061	EA	480 Volt, Reduced Volt, Auto Transformer, 25 HP Combination With Molded Case Circuit	7,645.89	123.08
26 24 19 00-0062	EA	480 Volt, Reduced Volt, Auto Transformer, 50 HP Combination With Molded Case Circuit	11,703.57	134.80
26 24 19 00-0063	EA	480 Volt, Reduced Volt, Auto Transformer, 100 HP Combination With Molded Case Circuit	19,722.72	152.39
26 24 19 00-0064	EA	480 Volt, Reduced Volt, Auto Transformer, 200 HP Combination With Molded Case Circuit	30,505.86	175.82
26 24 19 00-0065	EA	480 Volt, Reduced Volt, Auto Transformer, 400 HP Combination With Molded Case Circuit	52,184.90	234.43
26 24 19 00-0066		**230 Volt Combination With Molded Case Circuit** *(26 24 19 00-0001)*		
		Note: Reducing volt, part winding.		
26 24 19 00-0067	EA	230 Volt, Reduced Volt, Part Winding Starters, 10 HP Combination With Molded Case Circuit	5,227.76	187.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*112.52*	
26 24 19 00-0068	EA	230 Volt, Reduced Volt, Part Winding Starters, 25 HP Combination With Molded Case Circuit	6,751.83	216.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*130.11*	
26 24 19 00-0069	EA	230 Volt, Reduced Volt, Part Winding Starters, 50 HP Combination With Molded Case Circuit	11,863.85	240.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*144.17*	
26 24 19 00-0070	EA	230 Volt, Reduced Volt, Part Winding Starters, 75 HP Combination With Molded Case Circuit	20,214.09	293.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*175.83*	
26 24 19 00-0071	EA	230 Volt, Reduced Volt, Part Winding Starters, 150 HP Combination With Molded Case Circuit	27,768.29	375.09
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*225.06*	
26 24 19 00-0072		**480 Volt Combination With Molded Case Circuit** *(26 24 19 00-0001)*		
		Note: Reducing volt, part winding.		
26 24 19 00-0073	EA	480 Volt, Reduced Volt, Part Winding Starters, 15 HP Combination With Molded Case Circuit	5,227.76	187.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*112.52*	
26 24 19 00-0074	EA	480 Volt, Reduced Volt, Part Winding Starters, 40 HP Combination With Molded Case Circuit	6,751.83	216.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*130.11*	
26 24 19 00-0075	EA	480 Volt, Reduced Volt, Part Winding Starters, 75 HP Combination With Molded Case Circuit	11,863.85	240.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*144.17*	
26 24 19 00-0076	EA	480 Volt, Reduced Volt, Part Winding Starters, 150 HP Combination With Molded Case Circuit	20,214.09	293.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*175.83*	
26 24 19 00-0077	EA	480 Volt, Reduced Volt, Part Winding Starters, 350 HP Combination With Molded Case Circuit	27,768.29	375.09
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*225.06*	
26 24 19 00-0078		**230 Volt Combination With Molded Case Circuit** *(26 24 19 00-0001)*		
		Note: Reducing volt, energy saver.		
26 24 19 00-0079	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 7-1/2 HP Combination With Molded Case Circuit	21,564.81	152.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*91.43*	
26 24 19 00-0080	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 15 HP Combination With Molded Case Circuit	22,878.47	187.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*112.52*	
26 24 19 00-0081	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 30 HP Combination With Molded Case Circuit	25,264.44	216.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*130.11*	
26 24 19 00-0082	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 50 HP Combination With Molded Case Circuit	38,246.98	240.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*144.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0083	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 100 HP Combination With Molded Case Circuit	52,159.69	293.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*175.83*	
26 24 19 00-0084	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 200 HP Combination With Molded Case Circuit	70,783.30	375.09
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*225.06*	
26 24 19 00-0085		**480 Volt Combination With Molded Case Circuit** *(26 24 19 00-0001)*		
		Note: Reducing volt, energy saver.		
26 24 19 00-0086	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 10 HP Combination With Molded Case Circuit	21,564.81	152.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*91.43*	
26 24 19 00-0087	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 25 HP Combination With Molded Case Circuit	22,878.47	187.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*112.52*	
26 24 19 00-0088	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 50 HP Combination With Molded Case Circuit	25,264.44	216.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*130.11*	
26 24 19 00-0089	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 100 HP Combination With Molded Case Circuit	38,246.98	240.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*144.17*	
26 24 19 00-0090	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 200 HP Combination With Molded Case Circuit	52,159.69	293.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*175.83*	
26 24 19 00-0091	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 400 HP Combination With Molded Case Circuit	70,783.30	375.09
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*225.06*	
26 24 19 00-0092		**Combination Starters With Current Limiting Circuit Breakers** *(26 24 19)*		
		Note: Includes NEMA I enclosure of indoor installation, vertical free standing floor mounted sections (90" high x 20" wide x 16" to 20" deep), fully factory assembled and wired internally.		
26 24 19 00-0093		**230 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)*		
		Note: Full volt, 1-speed non-reversing.		
26 24 19 00-0094	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 7-1/2 HP Combination Starters With Current Limiting Circuit	3,399.54	117.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*70.33*	
26 24 19 00-0095	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 15 HP Combination Starters With Current Limiting Circuit	3,867.56	123.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*73.85*	
26 24 19 00-0096	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 30 HP Combination Starters With Current Limiting Circuit	5,977.28	128.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*77.36*	
26 24 19 00-0097	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 50 HP Combination Starters With Current Limiting Circuit	11,009.63	152.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*91.43*	
26 24 19 00-0098	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 100 HP Combination Starters With Current Limiting Circuit	19,704.42	175.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*105.50*	
26 24 19 00-0099	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 200 HP Combination Starters With Current Limiting Circuit	32,115.09	234.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*140.66*	
26 24 19 00-0100		**480 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)*		
		Note: Full volt, 1-speed non-reversing.		
26 24 19 00-0101	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 10 HP Combination Starters With Current Limiting Circuit	3,399.54	117.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*70.33*	
26 24 19 00-0102	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 25 HP Combination Starters With Current Limiting Circuit	3,867.56	123.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*73.85*	
26 24 19 00-0103	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 50 HP Combination Starters With Current Limiting Circuit	5,977.28	128.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*77.36*	
26 24 19 00-0104	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 100 HP Combination Starters With Current Limiting Circuit	11,009.63	152.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*91.43*	
26 24 19 00-0105	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 200 HP Combination Starters With Current Limiting Circuit	19,704.42	175.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*105.50*	
26 24 19 00-0106	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 400 HP Combination Starters With Current Limiting Circuit	32,115.09	234.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*140.66*	
26 24 19 00-0107		**230 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)*		
		Note: Full volt, 1-speed reversing.		
26 24 19 00-0108	EA	230 Volt, Full Volt, 1 Speed, Reversing, 7-1/2 HP Combination Starters With Current Limiting Circuit	4,531.83	117.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*70.33*	
26 24 19 00-0109	EA	230 Volt, Full Volt, 1 Speed, Reversing, 15 HP Combination Starters With Current Limiting Circuit	5,745.86	123.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*73.85*	
26 24 19 00-0110	EA	230 Volt, Full Volt, 1 Speed, Reversing, 30 HP Combination Starters With Current Limiting Circuit	8,495.36	128.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*77.36*	
26 24 19 00-0111	EA	230 Volt, Full Volt, 1 Speed, Reversing, 50 HP Combination Starters With Current Limiting Circuit	15,152.51	152.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*91.43*	
26 24 19 00-0112	EA	230 Volt, Full Volt, 1 Speed, Reversing, 100 HP Combination Starters With Current Limiting Circuit	27,495.27	175.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*105.50*	
26 24 19 00-0113		**480 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)*		
		Note: Full volt, 1-speed reversing.		
26 24 19 00-0114	EA	480 Volt, Full Volt, 1 Speed, Reversing, 10 HP Combination Starters With Current Limiting Circuit	4,531.83	117.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*70.33*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0115	EA	480 Volt, Full Volt, 1 Speed, Reversing, 25 HP Combination Starters With Current Limiting Circuit	5,745.86	123.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*73.85*	
26 24 19 00-0116	EA	480 Volt, Full Volt, 1 Speed, Reversing, 50 HP Combination Starters With Current Limiting Circuit	8,495.36	128.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*77.36*	
26 24 19 00-0117	EA	480 Volt, Full Volt, 1 Speed, Reversing, 100 HP Combination Starters With Current Limiting Circuit	15,152.51	152.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*91.43*	
26 24 19 00-0118	EA	480 Volt, Full Volt, 1 Speed, Reversing, 200 HP Combination Starters With Current Limiting Circuit	27,495.27	175.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*105.50*	
26 24 19 00-0119		**230 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)*		
		Note: Full volt, 2-speed non-reversing, 2 wind.		
26 24 19 00-0120	EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 7-1/2 HP Combination Starters With Current Limiting Circuit	5,317.09	187.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*112.52*	
26 24 19 00-0121	EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 15 HP Combination Starters With Current Limiting Circuit	6,984.66	199.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*119.56*	
26 24 19 00-0122	EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 30 HP Combination Starters With Current Limiting Circuit	10,508.77	210.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*126.59*	
26 24 19 00-0123	EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 50 HP Combination Starters With Current Limiting Circuit	19,019.75	240.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*144.17*	
26 24 19 00-0124	EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 100 HP Combination Starters With Current Limiting Circuit	30,098.82	281.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*168.80*	
26 24 19 00-0125		**480 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)*		
		Note: Full volt, 2-speed non-reversing, 2 wind.		
26 24 19 00-0126	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 10 HP Combination Starters With Current Limiting Circuit	5,317.09	187.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*112.52*	
26 24 19 00-0127	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 25 HP Combination Starters With Current Limiting Circuit	6,984.66	199.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*119.56*	
26 24 19 00-0128	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 50 HP Combination Starters With Current Limiting Circuit	10,508.77	210.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*126.59*	
26 24 19 00-0129	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 100 HP Combination Starters With Current Limiting Circuit	19,019.75	240.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*144.17*	
26 24 19 00-0130	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 200 HP Combination Starters With Current Limiting Circuit	30,098.82	281.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*168.80*	
26 24 19 00-0131		**230 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)*		
		Note: Full volt, 2-speed non-reversing, 1 wind.		
26 24 19 00-0132	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 7-1/2 HP Combination Starters With Current Limiting Circuit	6,124.17	175.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*105.50*	
26 24 19 00-0133	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 15 HP Combination Starters With Current Limiting Circuit	8,631.88	187.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*112.52*	
26 24 19 00-0134	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 30 HP Combination Starters With Current Limiting Circuit	12,105.33	199.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*119.56*	
26 24 19 00-0135	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 50 HP Combination Starters With Current Limiting Circuit	22,719.11	228.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*137.14*	
26 24 19 00-0136	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 100 HP Combination Starters With Current Limiting Circuit	37,656.18	269.60
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*161.77*	
26 24 19 00-0137		**480 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)*		
		Note: Full volt, 2-speed non-reversing, 1 wind.		
26 24 19 00-0138	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 10 HP Combination Starters With Current Limiting Circuit	6,124.17	175.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*105.50*	
26 24 19 00-0139	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 25 HP Combination Starters With Current Limiting Circuit	8,631.88	187.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*112.52*	
26 24 19 00-0140	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 50 HP Combination Starters With Current Limiting Circuit	12,105.33	199.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*119.56*	
26 24 19 00-0141	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 100 HP Combination Starters With Current Limiting Circuit	22,719.11	228.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*137.14*	
26 24 19 00-0142	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 200 HP Combination Starters With Current Limiting Circuit	37,656.18	269.60
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*161.77*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0143		**230 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)* Note: Reduced volt, auto-transformer.		
26 24 19 00-0144	EA	230 Volt, Reduced Volt, Auto Transformer, 15 HP Combination Starters With Current Limiting Circuit	8,457.09	123.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*73.85*	
26 24 19 00-0145	EA	230 Volt, Reduced Volt, Auto Transformer, 30 HP Combination Starters With Current Limiting Circuit	13,615.67	134.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*80.88*	
26 24 19 00-0146	EA	230 Volt, Reduced Volt, Auto Transformer, 50 HP Combination Starters With Current Limiting Circuit	23,008.54	152.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*91.43*	
26 24 19 00-0147	EA	230 Volt, Reduced Volt, Auto Transformer, 100 HP Combination Starters With Current Limiting Circuit	34,853.96	175.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*105.50*	
26 24 19 00-0148	EA	230 Volt, Reduced Volt, Auto Transformer, 200 HP Combination Starters With Current Limiting Circuit	57,344.19	234.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*140.66*	
26 24 19 00-0149		**480 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)* Note: Reduced volt, auto-transformer.		
26 24 19 00-0150	EA	480 Volt, Reduced Volt, Auto Transformer, 25 HP Combination Starters With Current Limiting Circuit	8,457.09	123.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*73.85*	
26 24 19 00-0151	EA	480 Volt, Reduced Volt, Auto Transformer, 50 HP Combination Starters With Current Limiting Circuit	13,615.67	134.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*80.88*	
26 24 19 00-0152	EA	480 Volt, Reduced Volt, Auto Transformer, 100 HP Combination Starters With Current Limiting Circuit	23,008.54	152.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*91.43*	
26 24 19 00-0153	EA	480 Volt, Reduced Volt, Auto Transformer, 200 HP Combination Starters With Current Limiting Circuit	34,853.96	175.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*105.50*	
26 24 19 00-0154	EA	480 Volt, Reduced Volt, Auto Transformer, 400 HP Combination Starters With Current Limiting Circuit	57,344.19	234.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*140.66*	
26 24 19 00-0155		**230 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)* Note: Reduced volt, part winding.		
26 24 19 00-0156	EA	230 Volt, Reduced Volt, Part Winding Starters, 10 HP Combination Starters With Current Limiting Circuit	6,063.10	187.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*112.52*	
26 24 19 00-0157	EA	230 Volt, Reduced Volt, Part Winding Starters, 25 HP Combination Starters With Current Limiting Circuit	7,570.27	216.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*130.11*	
26 24 19 00-0158	EA	230 Volt, Reduced Volt, Part Winding Starters, 50 HP Combination Starters With Current Limiting Circuit	13,295.52	240.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*144.17*	
26 24 19 00-0159	EA	230 Volt, Reduced Volt, Part Winding Starters, 75 HP Combination Starters With Current Limiting Circuit	23,540.95	293.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*175.83*	
26 24 19 00-0160	EA	230 Volt, Reduced Volt, Part Winding Starters, 150 HP Combination Starters With Current Limiting Circuit	34,726.21	375.09
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*225.06*	
26 24 19 00-0161		**480 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)* Note: Reduced volt, part winding.		
26 24 19 00-0162	EA	480 Volt, Reduced Volt, Part Winding Starters, 15 HP Combination Starters With Current Limiting Circuit	6,063.10	187.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*112.52*	
26 24 19 00-0163	EA	480 Volt, Reduced Volt, Part Winding Starters, 40 HP Combination Starters With Current Limiting Circuit	7,570.27	216.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*130.11*	
26 24 19 00-0164	EA	480 Volt, Reduced Volt, Part Winding Starters, 75 HP Combination Starters With Current Limiting Circuit	13,295.52	240.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*144.17*	
26 24 19 00-0165	EA	480 Volt, Reduced Volt, Part Winding Starters, 150 HP Combination Starters With Current Limiting Circuit	23,540.95	293.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*175.83*	
26 24 19 00-0166	EA	480 Volt, Reduced Volt, Part Winding Starters, 350 HP Combination Starters With Current Limiting Circuit	34,726.21	375.09
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*225.06*	
26 24 19 00-0167		**230 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)* Note: Reduced volt, energy saving		
26 24 19 00-0168	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 7.5 HP Combination Starters With Current Limiting Circuit	22,257.70	152.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*91.43*	
26 24 19 00-0169	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 15 HP Combination Starters With Current Limiting Circuit	23,564.13	187.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*112.52*	
26 24 19 00-0170	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 30 HP Combination Starters With Current Limiting Circuit	25,925.95	216.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*130.11*	
26 24 19 00-0171	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 50 HP Combination Starters With Current Limiting Circuit	38,795.02	240.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*144.17*	
26 24 19 00-0172	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 100 HP Combination Starters With Current Limiting Circuit	52,584.60	293.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*175.83*	
26 24 19 00-0173	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 200 HP Combination Starters With Current Limiting Circuit	73,697.32	375.09
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*225.06*	
26 24 19 00-0174		**480 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)* Note: Reduced volt, energy saving		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0175	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 10 HP Combination Starters With Current Limiting Circuit	22,257.75	152.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*91.44*	
26 24 19 00-0176	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 25 HP Combination Starters With Current Limiting Circuit	23,564.13	187.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*112.52*	
26 24 19 00-0177	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 50 HP Combination Starters With Current Limiting Circuit	25,925.95	216.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*130.11*	
26 24 19 00-0178	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 100 HP Combination Starters With Current Limiting Circuit	38,795.02	240.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*144.17*	
26 24 19 00-0179	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 200 HP Combination Starters With Current Limiting Circuit	52,584.60	293.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*175.83*	
26 24 19 00-0180	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 400 HP Combination Starters With Current Limiting Circuit	73,697.32	375.09
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*225.06*	

26 24 19 00-0181 Combination Starters With Fusible Switch *(26 24 19)*

Note: Includes NEMA I enclosure of indoor installation, vertical free standing floor mounted sections (90" high x 20" wide x 16" to 20" deep), fully factory assembled and Wired Internally.

26 24 19 00-0182 230 Volt Combination Starters With Fusible Switch, Full Volt *(26 24 19 00-0181)*

Note: 1-Speed non-reversing.

26 24 19 00-0183	EA	7-1/2 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	2,262.42	117.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*70.33*	
26 24 19 00-0184	EA	15 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	3,119.14	123.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*73.85*	
26 24 19 00-0185	EA	30 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	5,255.42	128.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*77.36*	
26 24 19 00-0186	EA	50 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	9,266.52	152.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*91.43*	
26 24 19 00-0187	EA	100 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	15,040.06	175.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*105.50*	
26 24 19 00-0188	EA	200 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	26,823.01	234.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*140.66*	

26 24 19 00-0189 480 Volt Combination Starters With Fusible Switch, Full Volt *(26 24 19 00-0181)*

Note: 1-Speed non-reversing.

26 24 19 00-0190	EA	10 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	2,262.42	117.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*70.33*	
26 24 19 00-0191	EA	25 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	3,119.14	123.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*73.85*	
26 24 19 00-0192	EA	50 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	5,255.42	128.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*77.36*	
26 24 19 00-0193	EA	100 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	9,266.52	152.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*91.43*	
26 24 19 00-0194	EA	200 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	15,040.06	175.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*105.50*	
26 24 19 00-0195	EA	400 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	26,823.01	234.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*140.66*	

26 24 19 00-0196 230 Volt Combination Starters With Fusible Switch, Full Volt *(26 24 19 00-0181)*

Note: 1-Speed reversing.

26 24 19 00-0197	EA	7-1/2 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	3,650.62	117.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*70.33*	
26 24 19 00-0198	EA	15 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	5,436.84	123.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*73.85*	
26 24 19 00-0199	EA	30 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	8,695.75	128.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*77.36*	
26 24 19 00-0200	EA	50 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	14,169.90	152.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*91.43*	
26 24 19 00-0201	EA	100 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	21,797.59	175.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*105.50*	
26 24 19 00-0202	EA	200 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	37,049.85	234.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*140.66*	

26 24 19 00-0203 480 Volt Combination Starters With Fusible Switch, Full Volt *(26 24 19 00-0181)*

Note: 1-Speed reversing.

26 24 19 00-0204	EA	10 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	3,650.62	117.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*70.33*	
26 24 19 00-0205	EA	25 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	5,436.84	123.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*73.85*	
26 24 19 00-0206	EA	50 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	8,695.75	128.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*77.36*	
26 24 19 00-0207	EA	100 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	14,169.90	152.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*91.43*	
26 24 19 00-0208	EA	200 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	21,797.59	175.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*105.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0209	EA	400 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	37,049.85	234.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*140.66*	
26 24 19 00-0210		**230 Volt Combination Starters With Fusible Switch, Full Volt** *(26 24 19 00-0181)*		
		Note: 2-Speed non-reversing, 2 wind.		
26 24 19 00-0211	EA	10 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	4,278.95	187.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*112.52*	
26 24 19 00-0212	EA	15 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	5,881.34	199.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*119.56*	
26 24 19 00-0213	EA	30 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	9,248.52	210.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*126.59*	
26 24 19 00-0214	EA	50 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	16,511.32	240.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*144.17*	
26 24 19 00-0215	EA	100 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	26,298.76	281.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*168.80*	
26 24 19 00-0216		**480 Volt Combination Starters With Fusible Switch, Full Volt** *(26 24 19 00-0181)*		
		Note: 2-Speed non-reversing, 2 wind.		
26 24 19 00-0217	EA	10 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	4,278.95	187.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*112.52*	
26 24 19 00-0218	EA	25 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	5,881.34	199.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*119.56*	
26 24 19 00-0219	EA	50 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	9,248.52	210.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*126.59*	
26 24 19 00-0220	EA	100 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	16,511.32	240.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*144.17*	
26 24 19 00-0221	EA	200 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	26,298.76	281.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*168.80*	
26 24 19 00-0222		**230 Volt Combination Starters With Fusible Switch, Full Volt** *(26 24 19 00-0181)*		
		Note: 2-Speed non-reversing, 1 wind.		
26 24 19 00-0223	EA	7-1/2 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter	4,877.07	117.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*70.33*	
26 24 19 00-0224	EA	15 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter	7,433.44	123.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*73.85*	
26 24 19 00-0225	EA	30 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter	10,699.59	128.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*77.36*	
26 24 19 00-0226	EA	50 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter	21,559.98	152.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*91.43*	
26 24 19 00-0227		**480 Volt Combination Starters With Fusible Switch, Full Volt** *(26 24 19 00-0181)*		
		Note: 2-Speed non-reversing, 1 wind.		
26 24 19 00-0228	EA	10 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter	4,877.07	117.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*70.33*	
26 24 19 00-0229	EA	25 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter	7,433.44	123.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*73.85*	
26 24 19 00-0230	EA	50 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter	10,699.59	128.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*77.36*	
26 24 19 00-0231	EA	100 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter	21,559.98	152.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*91.43*	
26 24 19 00-0232		**230 Volt Combination Starters With Fusible Switch, Reduced Volt** *(26 24 19 00-0181)*		
		Note: Auto-transformer.		
26 24 19 00-0233	EA	15 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	7,382.74	123.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*73.85*	
26 24 19 00-0234	EA	30 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	13,029.01	134.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*80.88*	
26 24 19 00-0235	EA	50 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	21,702.42	152.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*91.43*	
26 24 19 00-0236	EA	100 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	28,975.21	175.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*105.50*	
26 24 19 00-0237	EA	200 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	48,674.55	234.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*140.66*	
26 24 19 00-0238		**480 Volt Combination Starters With Fusible Switch, Reduced Volt** *(26 24 19 00-0181)*		
		Note: Auto-transformer.		
26 24 19 00-0239	EA	25 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	7,382.74	123.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*73.85*	
26 24 19 00-0240	EA	50 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	13,029.01	134.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*80.88*	
26 24 19 00-0241	EA	100 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	21,702.42	152.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*91.43*	
26 24 19 00-0242	EA	200 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	28,975.21	175.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*105.50*	
26 24 19 00-0243	EA	400 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	48,674.55	234.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*140.66*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0244		**230 Volt Combination Starters With Fusible Switch, Reduced Volt** *(26 24 19 00-0181)* Note: Part winding.		
26 24 19 00-0245	EA	10 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters	5,259.14	187.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*112.52*	
26 24 19 00-0246	EA	25 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters	6,959.46	216.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*130.11*	
26 24 19 00-0247	EA	50 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters	11,071.97	240.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*144.17*	
26 24 19 00-0248	EA	75 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters	22,056.18	293.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*175.83*	
26 24 19 00-0249		**480 Volt Combination Starters With Fusible Switch, Reduced Volt** *(26 24 19 00-0181)* Note: Part winding.		
26 24 19 00-0250	EA	15 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters	5,259.14	187.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*112.52*	
26 24 19 00-0251	EA	40 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters	6,959.46	216.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*130.11*	
26 24 19 00-0252	EA	75 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters	11,071.97	240.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*144.17*	
26 24 19 00-0253	EA	150 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters	22,056.18	293.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*175.83*	
26 24 19 00-0254		**230 Volt Combination Starters With Fusible Switch, Reduced Volt** *(26 24 19 00-0181)* Note: Energy saver.		
26 24 19 00-0255	EA	7.5 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	21,562.39	152.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*91.43*	
26 24 19 00-0256	EA	15 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	22,878.47	187.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*112.52*	
26 24 19 00-0257	EA	30 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	25,264.44	216.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*130.11*	
26 24 19 00-0258	EA	50 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	38,246.98	240.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*144.17*	
26 24 19 00-0259	EA	100 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	52,159.69	293.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*175.83*	
26 24 19 00-0260	EA	200 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	70,783.30	375.09
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*225.06*	
26 24 19 00-0261		**480 Volt Combination Starters With Fusible Switch, Reduced Volt** *(26 24 19 00-0181)* Note: Energy saver.		
26 24 19 00-0262	EA	10 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	21,562.39	152.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*91.43*	
26 24 19 00-0263	EA	25 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	22,878.47	187.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*112.52*	
26 24 19 00-0264	EA	50 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	25,264.44	216.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*130.11*	
26 24 19 00-0265	EA	100 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	38,246.98	240.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*144.17*	
26 24 19 00-0266	EA	200 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	52,159.69	293.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*175.83*	
26 24 19 00-0267	EA	400 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	70,783.30	375.09
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*225.06*	
26 24 19 00-0268		**Starter Accessories** *(26 24 19)* Note: Additional options or accessories for the Combination Starters		
26 24 19 00-0269		**Starter Modifications** *(26 24 19 00-0268)*		
26 24 19 00-0270	EA	Size 1, 2, 50 VA, 60 Hertz, Standard Control Circuit Transformer	194.20	
26 24 19 00-0271	EA	Size 3, 4, 150 VA, 60 Hertz, Standard Control Circuit Transformer	376.63	
26 24 19 00-0272	EA	Size 5, 6, 50 VA, 60 Hertz, Control Circuit Transformer	538.38	
26 24 19 00-0273	EA	Extra 50 VA, 60 Hertz, Control Circuit Transformer, All Sizes	135.20	
26 24 19 00-0274	EA	Extra 100 VA, 60 Hertz, Control Circuit Transformer, All Sizes	190.73	
26 24 19 00-0275	EA	Extra 150 VA, 60 Hertz, Control Circuit Transformer, All Sizes	321.10	
26 24 19 00-0276	EA	Overload Relay Heater Elements, 3 Per Starter	79.67	
26 24 19 00-0277	EA	N.O. Overload Relay Alarm	67.60	
26 24 19 00-0278	EA	Control Circuit Fuses, Primary/Secondary	131.54	
26 24 19 00-0279	EA	Control Devices Type PB2 Mount On Device, 2 Unit Pushbutton	162.63	
26 24 19 00-0280	EA	Control Devices Type PB2 Mount On Device, 3 Unit Pushbutton	318.09	
26 24 19 00-0281	EA	Control Devices Type PB2 Mount On Device, 2 Or 3 Post Select	162.63	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0282	EA	Control Devices Type PB2 Mount On Device, Individual Light Full V	186.55	
26 24 19 00-0283	EA	Control Devices Type PB2 Mount On Device, Individual Light Transformer	224.82	
26 24 19 00-0284	EA	Control Devices Type PB2 Mount On Device, Individual Light Push To	265.48	
26 24 19 00-0285	EA	Blank Devices Panel	50.23	
26 24 19 00-0286	EA	Oversize Or Special Color Starter	78.93	
26 24 19 00-0287	EA	Mini Voltmeter/Ammeter With Current Transformer	692.87	
26 24 19 00-0288	EA	Mini Elapsed Time Meters, Non-Resettable	628.30	
26 24 19 00-0289	EA	Panel Elapsed Time Meter, Resettable	932.76	
26 24 19 00-0290	EA	Terminal Blocks, Side Mounted, Press Connection, Plug-In Press	78.93	
26 24 19 00-0291	EA	Terminal Blocks, Side Mounted, Press Connection, Plug-In Screw	112.41	
26 24 19 00-0292	EA	Terminal Blocks, Front Mounted, Press Connection, Standard	78.93	
26 24 19 00-0293	EA	Terminal Blocks, Front Mounted, Press Connection, Plug-In	112.41	
26 24 19 00-0294	EA	Terminal Blocks, Front Mounted, Press Connection, Screw-Type Utility	112.41	
26 24 19 00-0295	EA	Terminal Blocks, Front Mounted, Press Connection, Plug-In Screw Type	162.63	
26 24 19 00-0296	EA	MOR - A Solid State Modular Overload Relay	404.19	
26 24 19 00-0297	EA	Heater Module	82.16	
26 24 19 00-0298	EA	LAM - Long Acceleration Module	510.40	
26 24 19 00-0299	EA	JAM - Jam Protection Module	585.09	
26 24 19 00-0300	EA	PUM - Phase Unbalance Module	1,110.43	
26 24 19 00-0301	EA	ULM - Underload Module	532.81	
26 24 19 00-0302	EA	Wiring To Common Control Circuit Transformer	117.02	
26 24 19 00-0303	EA	Handle Operator Separable Source Control Circuit	219.10	
26 24 19 00-0304	EA	Type SIS Control Wire	92.12	
26 24 19 00-0305	EA	Ring Or Spade Terminals Control	117.02	
26 24 19 00-0306	EA	Ring Terminals Power	117.02	
26 24 19 00-0307	EA	14 Gauge Control Wire	92.12	
26 24 19 00-0308	EA	Wiremakers	117.02	
26 24 19 00-0309	EA	Wiring Diagram On Door	69.71	
26 24 19 00-0310	EA	Special Color Or Type Control Wire	84.65	
26 24 19 00-0311	EA	Current Transformer 12.5 VA	664.76	
26 24 19 00-0312	EA	Ground Fault Relay-Instant Non-Adjust, Size 1 Thru 4	2,123.76	
26 24 19 00-0313	EA	Ground Fault Relay-Instant Non-Adjust, Size 5 Thru 6	2,390.16	

26 24 19 00-0314 Control Relays And Special Components *(26 24 19 00-0268)*

26 24 19 00-0315	EA	600 Volt, 2 Pole, Control Relays	602.73	
26 24 19 00-0316	EA	600 Volt, 4 Pole, Control Relays	711.99	
26 24 19 00-0317	EA	600 Volt, 6 Pole, Control Relays	832.97	
26 24 19 00-0318	EA	600 Volt, 8 Pole, Control Relays	926.64	
26 24 19 00-0319	EA	Pneumatic Timer, Control Relays	801.61	
26 24 19 00-0320	EA	Motor Driven Timer, Control Relays	2,088.88	
26 24 19 00-0321	EA	7 Days Time Switch, Control Relays	2,629.14	
26 24 19 00-0322	EA	24 Hour Time Switch, Control Relays	737.25	
26 24 19 00-0323	EA	Phase Voltage, Control Relays	1,254.11	
26 24 19 00-0324	EA	Two Circuit Alternator, Control Relays	1,755.36	
26 24 19 00-0325	EA	Manual 120 Volt, Control Relays	171.64	
26 24 19 00-0326	EA	Over-Current Relay, Control Relays	4,750.45	
26 24 19 00-0327	EA	UV-Relay, Control Relays	4,023.44	
26 24 19 00-0328	EA	Over-Current Relay, Control Relays	4,023.44	
26 24 19 00-0329	EA	Teleductor, Control Relays	1,293.11	
26 24 19 00-0330	EA	Current Transducer, Control Relays	3,477.56	
26 24 19 00-0331	EA	Watt Transducer, Control Relays	6,955.12	
26 24 19 00-0332	EA	Control Relays, Blank, Add For Each 1x	236.00	
26 24 19 00-0333	EA	Control Relays, Fixed Mounted Back Pan, 20" Structure With Wireway	353.02	
26 24 19 00-0334	EA	Control Relays, Fixed Mounted Back Pan, 24" Structure With Wireway	397.88	
26 24 19 00-0335	EA	Control Relays, Fixed Mounted Back Pan, 280" Structure With Wireway	442.74	
26 24 19 00-0336	EA	Control Relays, Fixed Mounted Back Pan, 20" Structure Without Wireway	397.88	
26 24 19 00-0337	EA	Control Relays, Fixed Mounted Back Pan, 24" Structure Without Wireway	442.74	
26 24 19 00-0338	EA	Control Relays, Fixed Mounted Back Pan, 2820" Structure Without Wireway	466.15	

26 24 19 00-0339 Circuit Breaker Modifications/Accessories *(26 24 19 00-0268)*

26 24 19 00-0340	EA	Shunt Trip, Circuit Breaker	482.15	
26 24 19 00-0341	EA	Auxiliary Switch, Circuit Breaker	166.54	
26 24 19 00-0342	EA	Key Interlock, Circuit Breaker	598.99	
26 24 19 00-0343	EA	GFR Ground Fault, Circuit Breaker	2,761.27	
26 24 19 00-0344	EA	Seltronic Breaker, Circuit Breaker	1,599.55	

26 24 19 00-0345 Incoming Line And Feeder Circuit Breakers *(26 24 19 00-0268)*

26 24 19 00-0346	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 100	1,687.83	76.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*45.71*	
26 24 19 00-0347	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 150	2,925.07	117.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*70.33*	
26 24 19 00-0348	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 100/100	2,823.88	76.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*45.71*	
26 24 19 00-0349	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 100/150	4,058.73	117.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*70.33*	
26 24 19 00-0350	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 150/150	5,216.30	117.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*70.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0351	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 250	3,215.48	152.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*91.44*	
26 24 19 00-0352	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 400	5,224.03	164.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*98.48*	
26 24 19 00-0353	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 600	6,891.30	210.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*126.54*	
26 24 19 00-0354	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 800	8,099.77	322.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*193.47*	
26 24 19 00-0355	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 1200	11,468.37	486.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*292.10*	
26 24 19 00-0356	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 2000	25,178.77	644.69
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*386.48*	
26 24 19 00-0357	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 2500	37,637.17	808.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*484.82*	
26 24 19 00-0358	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 3000	62,829.06	937.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*563.12*	
26 24 19 00-0359	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50	2,029.84	76.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*45.71*	
26 24 19 00-0360	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 150	3,257.51	117.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*70.33*	
26 24 19 00-0361	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50	2,029.84	76.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*45.71*	
26 24 19 00-0362	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50/50	3,257.51	117.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*70.33*	
26 24 19 00-0363	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50/150	3,457.67	76.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*45.71*	
26 24 19 00-0364	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 150/150	4,733.18	117.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*70.33*	
26 24 19 00-0365	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50	5,876.40	117.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*70.33*	
26 24 19 00-0366	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 100	3,092.49	117.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*70.33*	
26 24 19 00-0367	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 400	7,831.90	322.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*193.47*	
26 24 19 00-0368	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 125-225	7,831.90	322.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*193.47*	
26 24 19 00-0369	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 125-400	10,556.73	351.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*210.90*	
26 24 19 00-0370	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 300-600	13,185.16	410.25
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*246.05*	
26 24 19 00-0371	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 300-800	15,170.69	486.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*292.10*	

26 24 19 00-0372 Incoming Line And Feeder Fusible Switches *(26 24 19 00-0268)*

26 24 19 00-0373	EA	30 To 60 Amperes, Incoming Line And Feeder Fusible Switches	1,992.20	117.22
26 24 19 00-0374	EA	Incoming Line And Feeder Fusible Switches, 30 Dual / 60 Dual	3,085.20	117.22
26 24 19 00-0375	EA	100 Amperes, Incoming Line And Feeder Fusible Switches	2,919.11	146.52
26 24 19 00-0376	EA	200 Amperes, Incoming Line And Feeder Fusible Switches	4,750.02	175.82
26 24 19 00-0377	EA	400 Amperes, Incoming Line And Feeder Fusible Switches	9,368.90	222.71
26 24 19 00-0378	EA	600 Amperes, Incoming Line And Feeder Fusible Switches	13,142.42	293.04
26 24 19 00-0379	EA	800 Amperes, Incoming Line And Feeder Fusible Switches	31,979.50	392.67
26 24 19 00-0380	EA	1,200 Amperes, Incoming Line And Feeder Fusible Switches	36,075.79	545.06

26 24 19 00-0381 Dry Type Distribution Transformers *(26 24 19 00-0268)*

26 24 19 00-0382	EA	500 VA, Phase 1, Dry Type Distribution Transformers	1,631.13	
26 24 19 00-0383	EA	750 VA, Phase 1, Dry Type Distribution Transformers	1,683.74	
26 24 19 00-0384	EA	1,000 VA, Phase 1, Dry Type Distribution Transformers	1,738.75	
26 24 19 00-0385	EA	1,500 VA, Phase 1, Dry Type Distribution Transformers	1,994.66	
26 24 19 00-0386	EA	2,000 VA, Phase 1, Dry Type Distribution Transformers	2,162.08	
26 24 19 00-0387	EA	3,000 VA, Phase 1, Dry Type Distribution Transformers	2,671.50	
26 24 19 00-0388	EA	5,000 VA, Phase 1, Dry Type Distribution Transformers	2,941.77	
26 24 19 00-0389	EA	7,500 VA, Phase 1, Dry Type Distribution Transformers	3,314.87	
26 24 19 00-0390	EA	9,000 VA, Phase 3, Dry Type Distribution Transformers	7,706.00	
26 24 19 00-0391	EA	10,000 VA, Phase 1, Dry Type Distribution Transformers	4,089.77	
26 24 19 00-0392	EA	15,000 VA, Phase 1, Dry Type Distribution Transformers	5,665.89	
26 24 19 00-0393	EA	15,000 VA, Phase 3, Dry Type Distribution Transformers	8,830.09	
26 24 19 00-0394	EA	20,000 VA, Phase 1, Dry Type Distribution Transformers	8,177.16	
26 24 19 00-0395	EA	30,000 VA, Phase 1, Dry Type Distribution Transformers	11,331.78	
26 24 19 00-0396	EA	30,000 VA, Phase 3, Dry Type Distribution Transformers	12,772.43	
26 24 19 00-0397	EA	45,000 VA, Phase 1, Dry Type Distribution Transformers	17,692.19	

26 24 19 00-0398 Metering Equipment *(26 24 19 00-0268)*

26 24 19 00-0399	EA	Metering Equipment, Voltmeter, Panel Type	770.12	
26 24 19 00-0400	EA	Metering Equipment, Voltmeter, Switchboard Type	1,683.74	
26 24 19 00-0401	EA	Metering Equipment, Ammeter, Panel	693.59	
26 24 19 00-0402	EA	Metering Equipment, Ammeter, Switchboard Type	1,683.74	
26 24 19 00-0403	EA	Metering Equipment, Voltmeter/Ammeter, Switch	935.15	
26 24 19 00-0404	EA	Metering Equipment, Control Switch, 4 Circuits	992.55	
26 24 19 00-0405	EA	Add For Additional Circuits	136.94	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0406	EA	Metering Equipment, Indicating Wattmeter	3,472.72	
26 24 19 00-0407	EA	Metering Equipment, Indicating Power Factor	3,637.75	
26 24 19 00-0408	EA	Metering Equipment, Integrating Watt-hour	3,207.24	
26 24 19 00-0409	EA	Add For Demand Attachment	896.31	
26 24 19 00-0410	EA	800 Amperes, Metering Equipment, Current Transformer	959.06	
26 24 19 00-0411	EA	1,000 Amperes, Metering Equipment, Current Transformer	1,655.04	
26 24 19 00-0412	EA	2,000 Amperes, Metering Equipment, Current Transformer	1,927.70	
26 24 19 00-0413	EA	Metering Equipment, Potential Transformer	1,607.21	
26 24 19 00-0414	EA	Metering Equipment, Surge Arrester	1,729.19	
26 24 19 00-0415	EA	Metering Equipment, Ground Detector System	1,322.60	
26 24 19 00-0416		**Current Limiting Reactors** *(26 24 19 00-0268)*		
26 24 19 00-0417	EA	600 Amperes, Current Limiting Reactors	29,520.52	
26 24 19 00-0418	EA	800 Amperes, Current Limiting Reactors	42,990.46	
26 24 19 00-0419	EA	1,000 Amperes, Current Limiting Reactors	56,491.50	
26 24 19 00-0420	EA	1,200 Amperes, Current Limiting Reactors	85,990.50	
26 24 19 00-0421		**Incoming Line Cable Space Requirements, Main Lugs Only** *(26 24 19 00-0268)*		
26 24 19 00-0422	EA	Incoming Line Cable Space Requirement, 350 MCC, 2 Screw	523.90	
26 24 19 00-0423	EA	Incoming Line Cable Space Requirement, 350 MCC, 2 Crimp	523.90	
26 24 19 00-0424	EA	Incoming Line Cable Space Requirement, 350 MCC, 4 Screw	724.28	
26 24 19 00-0425	EA	Incoming Line Cable Space Requirement, 350 MCC, 4 Crimp	1,325.43	
26 24 19 00-0426	EA	Incoming Line Cable Space Requirement, 600 MCC, 2 Screw	724.28	
26 24 19 00-0427	EA	Incoming Line Cable Space Requirement, 600 MCC, 2 Crimp	924.66	
26 24 19 00-0428	EA	Incoming Line Cable Space Requirement, 600 MCC, 4 Screw	924.66	
26 24 19 00-0429	EA	Incoming Line Cable Space Requirement, 600 MCC, 4 Crimp	1,323.02	
26 24 19 00-0430	EA	Incoming Line Cable Space Requirement, 750 MCC, 2 Screw	924.66	
26 24 19 00-0431	EA	Incoming Line Cable Space Requirement, 750 MCC, 2 Crimp	1,323.02	
26 24 19 00-0432	EA	Incoming Line Cable Space Requirement, 750 MCC, 4 Screw	1,125.05	
26 24 19 00-0433	EA	Incoming Line Cable Space Requirement, 750 MCC, 4 Crimp	3,647.96	
26 24 19 00-0434	EA	Incoming Line Cable Space Requirement, 1,000 MCC, 2 Screw	1,125.05	
26 24 19 00-0435	EA	Incoming Line Cable Space Requirement, 1,000 MCC, 2 Crimp	1,323.02	
26 24 19 00-0436	EA	Incoming Line Cable Space Requirement, 1,000 MCC, 4 Screw	3,647.96	
26 24 19 00-0437	EA	Incoming Line Cable Space Requirement, 1,000 MCC, 4 Crimp	3,647.96	
26 24 19 00-0438	EA	Bus Duct Transition Pull Box	1,190.71	
26 24 19 00-0439	EA	Throat And Transition To Substation	2,298.64	
26 24 19 00-0440	EA	Service Entrance Label	497.80	
26 24 19 00-0441	EA	Type W To 5 Star - 10" Transition	1,040.54	
26 24 19 00-0442	EA	600 Amperes, Sub Feed Lugs On Main Bus	595.05	
26 24 19 00-0443		**Standard Structures And Structure Options/Modifications** *(26 24 19 00-0268)*		
26 24 19 00-0444	EA	Standard Structure Add For Each Additional 4" Of Structure Width	328.72	
26 24 19 00-0445	EA	Standard Structure Add For 8" Vertical Wireway In Lieu Of 4"	328.72	
26 24 19 00-0446	EA	Standard Structure Single Corner Section "L", 16" Depth	1,016.89	
26 24 19 00-0447	EA	Standard Structure Single Corner Section "L", 21" Depth	1,146.96	
26 24 19 00-0448	EA	Standard Structure Unused Space/Future Space	98.14	
26 24 19 00-0449	EA	Standard Structure NEMA 12 Dustproof	264.86	
26 24 19 00-0450	EA	Standard Structure Bottom Plate For NEMA 1 Gasket Enclosure	55.57	
26 24 19 00-0451	EA	Standard Structure 150 Watt Space	238.85	
26 24 19 00-0452	EA	Standard Structure Thermostat For Space Heater Control	724.52	
26 24 19 00-0453	EA	Standard Structure Rear Hinged Structure Door, 72" High	238.85	
26 24 19 00-0454	EA	Standard Structure NEMA 2 Drip Shield On Top Of MCC	468.07	
26 24 19 00-0455	EA	Standard Structure NEMA 3R N-Walk In Front Mounted	6,677.52	
26 24 19 00-0456	EA	Standard Structure NEMA 3R N-Walk In Back-to-back	7,718.23	
26 24 19 00-0457	EA	Standard Structure NEMA 3R Walk-In Aisle Front Mounted	7,725.70	
26 24 19 00-0458		**Installation Hours For Vertical Sections** *(26 24 19 00-0268)*		
26 24 19 00-0459	EA	Install Vertical Section, 230/480 Volt, 1 Section, 600 Amperes	703.27	351.65
26 24 19 00-0460	EA	Install Vertical Section, 230/480 Volt, 2 Section, 600 Amperes	1,054.90	527.48
26 24 19 00-0461	EA	Install Vertical Section, 230/480 Volt, 3 Section, 600 Amperes	1,172.16	586.09
26 24 19 00-0462	EA	Install Vertical Section, 230/480 Volt, 4 Section, 600 Amperes	1,406.72	703.30
26 24 19 00-0463	EA	Bolt To Floor, Vertical Section, 230/480 Volt, 600 Amperes	117.22	58.61
26 24 19 00-0464	EA	Install Vertical Section, 230/480 Volt, 1 Section, 800 Amperes	703.27	351.65
26 24 19 00-0465	EA	Install Vertical Section, 230/480 Volt, 2 Section, 800 Amperes	1,054.90	527.48
26 24 19 00-0466	EA	Install Vertical Section, 230/480 Volt, 3 Section, 800 Amperes	1,172.16	586.09
26 24 19 00-0467	EA	Install Vertical Section, 230/480 Volt, 4 Section, 800 Amperes	1,406.72	703.30
26 24 19 00-0468	EA	Bolt To Floor, Vertical Section, 230/480 Volt, 800 Amperes	117.22	58.61
26 24 19 00-0469	EA	Install Vertical Section, 230/480 Volt, 1 Section, 1,200 Amperes	820.53	410.25
26 24 19 00-0470	EA	Install Vertical Section, 230/480 Volt, 2 Section, 1,200 Amperes	1,054.90	527.48
26 24 19 00-0471	EA	Install Vertical Section, 230/480 Volt, 3 Section, 1,200 Amperes	1,406.72	703.30
26 24 19 00-0472	EA	Install Vertical Section, 230/480 Volt, 4 Section, 1,200 Amperes	1,640.82	820.40
26 24 19 00-0473	EA	Bolt To Floor, Vertical Section, 230/480 Volt, 1,200 Amperes	175.82	87.91
26 24 19 00-0474	EA	Install Vertical Section, 230/480 Volt, 1 Section, 1,600 Amperes	937.73	468.86
26 24 19 00-0475	EA	Install Vertical Section, 230/480 Volt, 2 Section, 1,600 Amperes	1,289.49	644.69
26 24 19 00-0476	EA	Install Vertical Section, 230/480 Volt, 3 Section, 1,600 Amperes	1,640.82	820.40
26 24 19 00-0477	EA	Install Vertical Section, 230/480 Volt, 4 Section, 1,600 Amperes	1,875.14	937.62

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0478	EA	Bolt To Floor, Vertical Section, 230/480 Volt, 1,600 Amperes	234.43	117.22
26 24 19 00-0479	EA	Install Vertical Section, 230/480 Volt, 1 Section, 2,000 Amperes	937.73	468.86
26 24 19 00-0480	EA	Install Vertical Section, 230/480 Volt, 2 Section, 2,000 Amperes	1,406.72	703.30
26 24 19 00-0481	EA	Install Vertical Section, 230/480 Volt, 3 Section, 2,000 Amperes	1,758.06	879.01
26 24 19 00-0482	EA	Install Vertical Section, 230/480 Volt, 4 Section, 2,000 Amperes	1,992.81	996.46
26 24 19 00-0483	EA	Bolt To Floor, Vertical Section, 230/480 Volt, 2,000 Amperes	234.43	117.22

26 24 19 00-0484 Motor Control Centers *(26 24 19)*

26 24 19 00-0485 2.4 KV Motor Control Centers *(26 24 19 00-0484)*

26 24 19 00-0486	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 100 To 300 Hp	17,997.83	234.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*140.66*	
26 24 19 00-0487	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 400 Hp	17,997.83	234.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*140.66*	
26 24 19 00-0488	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 600 Hp	17,997.83	234.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*140.66*	
26 24 19 00-0489	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 700 Hp	18,056.48	263.73
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*158.25*	
26 24 19 00-0490	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 1,000 Hp	19,176.45	293.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*175.83*	
26 24 19 00-0491	EA	2,400 KV CL 11-202, Squirrel Cage Motor Control, 1,250 Hp	19,235.03	322.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*193.40*	
26 24 19 00-0492	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 1,500 Hp	19,293.63	351.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*210.98*	
26 24 19 00-0493	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 1,750 Hp	19,410.89	410.25
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*246.16*	
26 24 19 00-0494	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 2,000 Hp	19,528.09	468.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*281.32*	
26 24 19 00-0495	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 2,250 Hp	32,875.08	527.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*316.47*	
26 24 19 00-0496	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 2,500 Hp	35,286.65	586.09
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*351.65*	
26 24 19 00-0497	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 100 Hp	26,699.07	234.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*140.66*	
26 24 19 00-0498	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 150 Hp	27,814.93	252.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*151.21*	
26 24 19 00-0499	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 200 Hp	31,599.17	275.46
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*165.27*	
26 24 19 00-0500	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 300 Hp	35,172.31	293.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*175.83*	
26 24 19 00-0501	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 400 Hp	38,268.02	339.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*203.97*	
26 24 19 00-0502	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 600 Hp	41,927.88	363.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*218.03*	
26 24 19 00-0503	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 700 Hp	45,585.58	386.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*232.08*	
26 24 19 00-0504	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 1,000 Hp	49,925.11	421.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*253.19*	
26 24 19 00-0505	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 1,250 Hp	58,096.12	468.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*281.32*	
26 24 19 00-0506	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 1,500 Hp	62,942.83	498.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*298.92*	
26 24 19 00-0507	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 1,750 Hp	96,118.09	586.09
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*351.65*	
26 24 19 00-0508	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 2,000 Hp	102,410.76	644.69
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*386.85*	
26 24 19 00-0509	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 2,250 Hp	107,888.53	703.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*422.02*	
26 24 19 00-0510	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 2,500 Hp	117,479.04	762.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*457.22*	
26 24 19 00-0511	EA	2.4 KV CL 14-202, Synchronous Motor Control, 100 To 300 Hp	25,191.68	234.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*140.66*	
26 24 19 00-0512	EA	2.4 KV CL 14-202, Synchronous Motor Control, 400 Hp	25,250.33	263.73
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*158.25*	
26 24 19 00-0513	EA	2.4 KV CL 14-202, Synchronous Motor Control, 600 Hp	25,308.91	293.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*175.83*	
26 24 19 00-0514	EA	2.4 KV CL 14-202, Synchronous Motor Control, 700 Hp	25,367.49	322.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*193.40*	
26 24 19 00-0515	EA	2.4 KV CL 14-202, Synchronous Motor Control, 1,000 Hp	25,430.38	351.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*210.98*	
26 24 19 00-0516	EA	2,400 Volt CL 14-202, Synchronous Motor Control, 1,250 HP	25,489.04	380.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*228.58*	
26 24 19 00-0517	EA	2.4 KV CL 14-202, Synchronous Motor Control, 1,500 Hp	25,547.64	410.25
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*246.16*	
26 24 19 00-0518	EA	2.4 KV CL 14-202, Synchronous Motor Control, 1,750 Hp	25,782.01	527.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*316.47*	
26 24 19 00-0519	EA	2.4 KV CL 14-202, Synchronous Motor Control, 2,000 Hp	43,917.13	586.09
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*351.65*	
26 24 19 00-0520	EA	2.4 KV CL 14-202, Synchronous Motor Control, 2,250 Hp	44,034.46	644.69
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*386.85*	
26 24 19 00-0521	EA	2.4 KV CL 14-202, Synchronous Motor Control, 2,500 Hp	46,433.13	703.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*422.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0522	EA	Add For Reversing Starters, 100 To 700 HP	9,904.85	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*70.33*	
26 24 19 00-0523	EA	Add For Reversing Starters, 1,000 To 1,500 Hp	10,205.04	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*70.33*	
26 24 19 00-0524	EA	Add For Reversing Starters, 1,750 To 2,500 HP	15,619.19	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*70.33*	
26 24 19 00-0525		**4.8 KV Motor Control Centers** *(26 24 19 00-0484)*		
26 24 19 00-0526	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 100 To 600 HP	19,593.82	351.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*210.98*	
26 24 19 00-0527	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 700 HP	19,652.48	380.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*228.58*	
26 24 19 00-0528	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 1,000 HP	19,711.08	410.25
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*246.16*	
26 24 19 00-0529	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 1,250 HP	19,769.72	439.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*263.75*	
26 24 19 00-0530	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 1,500 HP	20,878.95	468.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*281.32*	
26 24 19 00-0531	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 1,750 HP	20,937.62	498.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*298.92*	
26 24 19 00-0532	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 2,000 HP	20,996.12	527.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*316.47*	
26 24 19 00-0533	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 2,250 HP	21,054.83	556.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*334.08*	
26 24 19 00-0534	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 2,500 HP	21,113.38	586.09
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*351.65*	
26 24 19 00-0535	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 3,000 HP	35,756.50	762.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*457.22*	
26 24 19 00-0536	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 3,500 HP	35,873.24	820.40
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*492.25*	
26 24 19 00-0537	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 4,000 HP	38,274.07	879.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*527.42*	
26 24 19 00-0538	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 4,500 HP	38,391.15	937.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*562.54*	
26 24 19 00-0539	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 100 HP	27,237.95	351.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*210.98*	
26 24 19 00-0540	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 150 HP	27,596.81	380.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*228.58*	
26 24 19 00-0541	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 200 HP	32,179.70	410.25
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*246.16*	
26 24 19 00-0542	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 300 HP	35,765.58	439.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*263.75*	
26 24 19 00-0543	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 400 HP	38,826.04	468.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*281.32*	
26 24 19 00-0544	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 600 HP	42,497.72	498.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*298.92*	
26 24 19 00-0545	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 700 HP	45,944.08	527.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*316.47*	
26 24 19 00-0546	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 1,000 HP	50,494.93	556.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*334.08*	
26 24 19 00-0547	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 1,250 HP	58,487.08	586.09
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*351.65*	
26 24 19 00-0548	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 1,500 HP	63,919.13	615.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*369.24*	
26 24 19 00-0549	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 1,750 HP	69,409.77	674.00
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*404.41*	
26 24 19 00-0550	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 2,000 HP	73,947.72	703.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*422.02*	
26 24 19 00-0551	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 2,250 HP	78,228.18	732.61
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*439.56*	
26 24 19 00-0552	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 2,500 HP	84,215.81	762.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*457.22*	
26 24 19 00-0553	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 3,000 HP	133,476.46	937.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*562.54*	
26 24 19 00-0554	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 3,500 HP	148,432.11	996.46
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*597.84*	
26 24 19 00-0555	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 4,000 HP	178,407.32	1,054.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*632.94*	
26 24 19 00-0556	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 4,500 HP	188,710.28	1,054.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*632.94*	
26 24 19 00-0557	EA	4.8 KV CL 14-202, Synchronous Motor Control, 100 To 600 HP	26,900.64	410.25
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*246.16*	
26 24 19 00-0558	EA	4.8 KV CL 14-202, Synchronous Motor Control, 700 HP	26,959.28	439.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*263.75*	
26 24 19 00-0559	EA	4.8 KV CL 14-202, Synchronous Motor Control, 1,000 HP	27,017.84	468.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*281.32*	
26 24 19 00-0560	EA	4.8 KV CL 14-202, Synchronous Motor Control, 1,250 HP	27,076.51	498.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*298.92*	
26 24 19 00-0561	EA	4.8 KV CL 14-202, Synchronous Motor Control, 1,500 HP	29,395.02	527.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*316.47*	
26 24 19 00-0562	EA	4.8 KV CL 14-202, Synchronous Motor Control, 1,750 HP	29,453.73	556.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*334.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0563	EA	4.8 KV CL 14-202, Synchronous Motor Control, 2,000 HP	29,512.28	586.09
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*351.65*	
26 24 19 00-0564	EA	4.8 KV CL 14-202, Synchronous Motor Control, 2,250 HP	29,570.92	615.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*369.24*	
26 24 19 00-0565	EA	4.8 KV CL 14-202, Synchronous Motor Control, 2,500 HP	29,629.61	644.69
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*386.85*	
26 24 19 00-0566	EA	4.8 KV CL 14-202, Synchronous Motor Control, 3,000 HP	29,980.94	820.40
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*492.25*	
26 24 19 00-0567	EA	4.8 KV CL 14-202, Synchronous Motor Control, 3,500 HP	48,416.22	879.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*527.42*	
26 24 19 00-0568	EA	4.8 KV CL 14-202, Synchronous Motor Control, 4,000 HP	50,806.17	937.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*562.54*	
26 24 19 00-0569	EA	4.8 KV CL 14-202, Synchronous Motor Control, 4,500 HP	50,806.17	937.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*562.54*	
26 24 19 00-0570	EA	Add For Reversing Starters, 100 To 1,250 HP	11,122.78	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*70.33*	
26 24 19 00-0571	EA	Add For Reversing Starters, 1,500 To 2,500 HP	11,460.78	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*70.33*	
26 24 19 00-0572	EA	Add For Reversing Starters, 3,000 To 4,500 HP	17,556.80	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*70.33*	

26 24 19 00-0573 2.4/4.8 KV Motor Control Centers, Accessories *(26 24 19 00-0484)*

26 24 19 00-0574	EA	2.4/4.8 KV Load Break Disconnect Switch 600 Amperes	14,471.62	234.43
26 24 19 00-0575	EA	2.4/4.8 KV Load Break Disconnect Switch 1,200 Amperes	17,388.28	351.65
26 24 19 00-0576	EA	2.4/4.8 KV NEMA 3 Weather Resistant	5,700.09	
26 24 19 00-0577	EA	2.4/4.8 KV Space Heaters	272.61	17.58
26 24 19 00-0578	EA	2.4/4.8 KV Potential Transformer Fused	1,651.36	
26 24 19 00-0579	EA	2.4/4.8 KV Current Transformer 600 Volt, 5 KVA	886.04	
26 24 19 00-0580	EA	2.4/4.8 KV Control Transformer 4 KVA Max	2,638.80	
26 24 19 00-0581	EA	2.4/4.8 KV Pushbuttons Each	169.00	
26 24 19 00-0582	EA	2.4/4.8 KV Selector Switch Each	560.11	
26 24 19 00-0583	EA	2.4/4.8 KV Indicating Light	169.00	
26 24 19 00-0584	EA	2.4/4.8 KV Push To Test Light	511.82	
26 24 19 00-0585	EA	2.4/4.8 KV AC Voltmeter, Switchboard Type	1,361.65	
26 24 19 00-0586	EA	2.4/4.8 KV AC Ammeter, Switchboard Type	1,361.65	
26 24 19 00-0587	EA	2.4/4.8 KV Power Factor Meter	4,072.87	
26 24 19 00-0588	EA	2.4/4.8 KV Watt Hr Meter, 2 Element Drawout	2,807.79	
26 24 19 00-0589	EA	2.4/4.8 KV Operation Counter	546.98	17.58
26 24 19 00-0590	EA	2.4/4.8 KV Phase Failure Protection	3,936.59	58.61
26 24 19 00-0591	EA	2.4/4.8 KV Ground Protection	7,523.53	29.30
26 24 19 00-0592	EA	2.4/4.8 KV Synchronous Motor DC Protection	2,983.32	29.30
26 24 19 00-0593	EA	2.4/4.8 KV Lightning Arresters	5,495.19	17.58
26 24 19 00-0594	EA	2.4/4.8 KV Portable Lifting Mechanism	7,958.93	
26 24 19 00-0595	EA	2.4/4.8 KV Auxiliary Timing Relay	710.23	58.61
26 24 19 00-0596	EA	2.4/4.8 KV Auxiliary Control Relay	509.37	58.61

26 24 19 00-0597 Incoming Section And Feeder Air Circuit Breakers *(26 24 19 00-0484)*

Note: 3 Pole. Includes structure.

26 24 19 00-0598	EA	Incoming Section MCC, Air Circuit Breaker, 70 - 100 Amperes, 14,000 Ampere IC, 3-Pole, With Structure Included	1,357.58	351.53
26 24 19 00-0599	EA	Incoming Section MCC, Air Circuit Breaker, 125 - 225 Amperes, 22,000 Ampere IC, 3-Pole, With Structure Included	2,354.74	622.23
26 24 19 00-0600	EA	Incoming Section MCC, Air Circuit Breaker, 125 - 400 Amperes, 30,000 Ampere IC, 3-Pole, With Structure Included	2,808.60	796.71
26 24 19 00-0601	EA	Incoming Section MCC, Air Circuit Breaker, 125 - 600 Amperes, 30,000 Ampere IC, 3-Pole, With Structure Included	4,512.64	1,282.96
26 24 19 00-0602	EA	Incoming Section MCC, Air Circuit Breaker, 125 - 1,200 Amperes, 30,000 Ampere IC, 3-Pole, With Structure Included	5,314.52	1,411.26
26 24 19 00-0603	EA	Incoming Section MCC, Air Circuit Breaker, 125 - 2,000 Amperes, 30,000 Ampere IC, 3-Pole, With Structure Included	6,887.35	1,565.21
26 24 19 00-0604	EA	Incoming Section MCC, Air Circuit Breaker, 125 - 400 Amperes, 45,000 Ampere IC, 3-Pole, With Structure Included	8,014.23	1,834.63
26 24 19 00-0605	EA	Incoming Section MCC, Air Circuit Breaker, 125 - 400 Amperes, 100,000 Ampere IC, 3-Pole, With Structure Included	13,973.74	2,137.40

26 24 19 00-0606 Main Lugs Only *(26 24 19 00-0484)*

26 24 19 00-0607	EA	600 Amperes Incoming Section, Main Lugs	1,064.42	449.04
26 24 19 00-0608	EA	800 Amperes Incoming Section, Main Lugs	1,155.25	449.04
26 24 19 00-0609	EA	1,200 Amperes Incoming Section, Main Lugs	1,615.86	705.62
26 24 19 00-0610	EA	2,000 Amperes Incoming Section, Main Lugs	4,013.16	1,282.96
26 24 19 00-0611	EA	3,000 Amperes Incoming Section, Main Lugs	6,110.26	1,860.28
26 24 19 00-0612	EA	4,000 Amperes Incoming Section, Main Lugs	8,736.27	2,565.92

26 24 19 00-0613 Incoming Main Circuit Breaker Structure *(26 24 19 00-0484)*

Note: Includes structure, main breaker, 42 KA bus bracing, 600 A tin plated copper bus, NEMA 1 enclosure, 15" cabinet depth, and 1/4" x 2" tin plated copper horizontal ground bus.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0614	EA	225 Amperes, Main Circuit Breaker Section	7,370.84	620.83
		For NEMA 12, Add	*245.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For 20" Cabinet Depth, Add	*108.00*	
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
26 24 19 00-0615	EA	400 Amperes, Main Circuit Breaker Section	15,689.80	797.49
		For NEMA 12, Add	*245.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For 20" Cabinet Depth, Add	*108.00*	
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
26 24 19 00-0616	EA	600 Amperes, Main Circuit Breaker Section	16,256.33	1,242.16
		For NEMA 12, Add	*245.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For 20" Cabinet Depth, Add	*108.00*	
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
26 24 19 00-0617	EA	800 Amperes, Main Circuit Breaker Section	23,141.28	1,242.16
		For NEMA 12, Add	*245.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For 20" Cabinet Depth, Add	*108.00*	
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
26 24 19 00-0618	EA	1,200 Amperes, Main Circuit Breaker Section	33,526.95	1,405.48
		For NEMA 12, Add	*245.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For 20" Cabinet Depth, Add	*108.00*	
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	

26 24 19 00-0619 Incoming Fusible Main Disconnect Section *(26 24 19 00-0484)*

Note: Includes structure, fuses, 42 KA bus bracing, 600 A tin plated copper bus, NEMA 1 enclosure, 15" cabinet depth, and 1/4" x 2" tin plated copper horizontal ground bus.

26 24 19 00-0620	EA	200 Amperes, Fusible Main Disconnect Section	6,393.32	621.59
		For NEMA 12, Add	*245.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For 20" Cabinet Depth, Add	*108.00*	
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
26 24 19 00-0621	EA	400 Amperes, Fusible Main Disconnect Section	8,832.45	797.87
		For NEMA 12, Add	*245.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For 20" Cabinet Depth, Add	*108.00*	
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
26 24 19 00-0622	EA	600 Amperes, Fusible Main Disconnect Section	17,281.45	1,243.19
		For NEMA 12, Add	*245.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For 20" Cabinet Depth, Add	*108.00*	
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
26 24 19 00-0623	EA	800 Amperes, Fusible Main Disconnect Section	20,105.78	1,243.19
		For NEMA 12, Add	*245.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For 20" Cabinet Depth, Add	*108.00*	
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
26 24 19 00-0624	EA	1,200 Amperes, Fusible Main Disconnect Section	28,345.10	1,406.76
		For NEMA 12, Add	*245.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For 20" Cabinet Depth, Add	*108.00*	
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	

26 24 19 00-0625 Circuit Breaker Combination Starters *(26 24 19 00-0484)*

26 24 19 00-0626 Class I, Type A *(26 24 19 00-0625)*

26 24 19 00-0627	EA	Size 1, Class I, Type A Circuit Breaker Combination Starter	1,135.04	260.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*148.49*	
26 24 19 00-0628	EA	Size 2, Class I, Type A Circuit Breaker Combination Starter	1,320.94	260.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*164.48*	
26 24 19 00-0629	EA	Size 3, Class I, Type A Circuit Breaker Combination Starter	1,918.78	369.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*221.20*	
26 24 19 00-0630	EA	Size 4, Class I, Type A Circuit Breaker Combination Starter	3,129.26	486.25
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*291.58*	
26 24 19 00-0631	EA	Size 5, Class I, Type A Circuit Breaker Combination Starter	5,616.99	608.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*364.48*	

26 24 19 00-0632 Class I, Type B *(26 24 19 00-0625)*

26 24 19 00-0633	EA	Size 1, Class I, Type B Circuit Breaker Combination Starter	1,075.08	227.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*128.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0634	EA	Size 2, Class I, Type B Circuit Breaker Combination Starter	1,254.26	227.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*144.48*	
26 24 19 00-0635	EA	Size 3, Class I, Type B Circuit Breaker Combination Starter	1,839.37	328.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*197.38*	
26 24 19 00-0636	EA	Size 4, Class I, Type B Circuit Breaker Combination Starter	3,048.26	445.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*267.28*	
26 24 19 00-0637	EA	Size 5, Class I, Type B Circuit Breaker Combination Starter	5,551.67	568.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*344.88*	
26 24 19 00-0638		**Class I, Type C** *(26 24 19 00-0625)*		
26 24 19 00-0639	EA	Size 1, Class I, Type C Circuit Breaker Combination Starter	1,133.96	210.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*116.21*	
26 24 19 00-0640	EA	Size 2, Class I, Type C Circuit Breaker Combination Starter	1,324.49	210.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*136.49*	
26 24 19 00-0641	EA	Size 3, Class I, Type C Circuit Breaker Combination Starter	1,968.66	314.33
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*188.67*	
26 24 19 00-0642	EA	Size 4, Class I, Type C Circuit Breaker Combination Starter	3,184.85	434.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*260.77*	
26 24 19 00-0643	EA	Size 5, Class I, Type C Circuit Breaker Combination Starter	5,678.79	558.09
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*334.10*	
26 24 19 00-0644		**Class II, Type B** *(26 24 19 00-0625)*		
26 24 19 00-0645	EA	Size 1, Class II, Type B Circuit Breaker Combination Starter	1,136.59	311.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*176.23*	
26 24 19 00-0646	EA	Size 2, Class II, Type B Circuit Breaker Combination Starter	1,570.35	311.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*196.77*	
26 24 19 00-0647	EA	Size 3, Class II, Type B Circuit Breaker Combination Starter	2,225.25	415.68
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*248.63*	
26 24 19 00-0648	EA	Size 4, Class II, Type B Circuit Breaker Combination Starter	3,632.87	532.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*320.74*	
26 24 19 00-0649	EA	Size 5, Class II, Type B Circuit Breaker Combination Starter	6,551.80	650.46
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*391.15*	
26 24 19 00-0650		**Class II, Type C** *(26 24 19 00-0625)*		
26 24 19 00-0651	EA	Size 1, Class II, Type C Circuit Breaker Combination Starter	1,418.08	295.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*168.81*	
26 24 19 00-0652	EA	Size 2, Class II, Type C Circuit Breaker Combination Starter	1,628.12	295.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*184.33*	
26 24 19 00-0653	EA	Size 3, Class II, Type C Circuit Breaker Combination Starter	2,361.01	402.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*241.16*	
26 24 19 00-0654	EA	Size 4, Class II, Type C Circuit Breaker Combination Starter	3,760.04	519.60
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*311.40*	
26 24 19 00-0655	EA	Size 5, Class II, Type C Circuit Breaker Combination Starter	6,696.77	641.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*386.43*	
26 24 19 00-0656		**Fused Disconnect Combination Starter** *(26 24 19 00-0484)*		
26 24 19 00-0657		**Class I, Type A** *(26 24 19 00-0656)*		
26 24 19 00-0658	EA	Size 1, Class I, Type A Fused Disconnect Combination Starter	1,036.32	239.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*144.48*	
26 24 19 00-0659	EA	Size 2, Class I, Type A Fused Disconnect Combination Starter	1,560.90	328.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*196.77*	
26 24 19 00-0660	EA	Size 3, Class I, Type A Fused Disconnect Combination Starter	2,476.25	427.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*256.59*	
26 24 19 00-0661	EA	Size 4, Class I, Type A Fused Disconnect Combination Starter	3,388.21	599.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*360.38*	
26 24 19 00-0662	EA	Size 5, Class I, Type A Fused Disconnect Combination Starter	5,921.54	763.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*458.20*	
26 24 19 00-0663		**Class I, Type B** *(26 24 19 00-0656)*		
26 24 19 00-0664	EA	Size 1, Class I, Type B Fused Disconnect Combination Starter	1,053.82	214.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*128.30*	
26 24 19 00-0665	EA	Size 2, Class I, Type B Fused Disconnect Combination Starter	1,419.55	293.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*176.23*	
26 24 19 00-0666	EA	Size 3, Class I, Type B Fused Disconnect Combination Starter	2,098.29	392.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*235.84*	
26 24 19 00-0667	EA	Size 4, Class I, Type B Fused Disconnect Combination Starter	3,505.68	567.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*341.21*	
26 24 19 00-0668	EA	Size 5, Class I, Type B Fused Disconnect Combination Starter	6,021.34	721.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*433.43*	
26 24 19 00-0669		**Class I, Type C** *(26 24 19 00-0656)*		
26 24 19 00-0670	EA	Size 1, Class I, Type C Fused Disconnect Combination Starter	1,114.02	200.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*120.13*	
26 24 19 00-0671	EA	Size 2, Class I, Type C Fused Disconnect Combination Starter	1,497.72	271.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*164.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0672	EA	Size 3, Class I, Type C Fused Disconnect Combination Starter	2,278.51	378.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*229.10*	
26 24 19 00-0673	EA	Size 4, Class I, Type C Fused Disconnect Combination Starter	3,684.68	558.09
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*334.10*	
26 24 19 00-0674	EA	Size 5, Class I, Type C Fused Disconnect Combination Starter	5,697.62	713.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*427.65*	
26 24 19 00-0675		**Class II, Type B** *(26 24 19 00-0656)*		
26 24 19 00-0676	EA	Size 1, Class II, Type B Fused Disconnect Combination Starter	1,330.76	300.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*180.19*	
26 24 19 00-0677	EA	Size 2, Class II, Type B Fused Disconnect Combination Starter	1,718.44	374.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*224.29*	
26 24 19 00-0678	EA	Size 3, Class II, Type B Fused Disconnect Combination Starter	2,488.71	482.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*288.95*	
26 24 19 00-0679	EA	Size 4, Class II, Type B Fused Disconnect Combination Starter	4,045.50	650.46
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*391.15*	
26 24 19 00-0680	EA	Size 5, Class II, Type B Fused Disconnect Combination Starter	6,921.89	812.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*485.97*	
26 24 19 00-0681		**Class II, Type C** *(26 24 19 00-0656)*		
26 24 19 00-0682	EA	Size 1, Class II, Type C Fused Disconnect Combination Starter	1,380.27	282.25
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*168.81*	
26 24 19 00-0683	EA	Size 2, Class II, Type C Fused Disconnect Combination Starter	1,796.17	354.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*212.41*	
26 24 19 00-0684	EA	Size 3, Class II, Type C Fused Disconnect Combination Starter	2,639.22	460.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*276.50*	
26 24 19 00-0685	EA	Size 4, Class II, Type C Fused Disconnect Combination Starter	4,206.49	635.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*381.83*	
26 24 19 00-0686	EA	Size 5, Class II, Type C Fused Disconnect Combination Starter	7,076.96	786.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*471.68*	
26 24 19 00-0687		**Space Complete With Bus And Hardware** *(26 24 19 00-0484)*		
26 24 19 00-0688		**Circuit Breaker Type** *(26 24 19 00-0687)*		
26 24 19 00-0689	EA	Circuit Breaker Type, Size 1 Space Complete With Bus And Hardware	320.34	87.24
26 24 19 00-0690	EA	Circuit Breaker Type, Size 2 Space Complete With Bus And Hardware	320.34	87.24
26 24 19 00-0691	EA	Circuit Breaker Type, Size 3 Space Complete With Bus And Hardware	476.06	127.02
26 24 19 00-0692	EA	Circuit Breaker Type, Size 4 Space Complete With Bus And Hardware	564.97	166.79
26 24 19 00-0693	EA	Circuit Breaker Type, Size 5 Space Complete With Bus And Hardware	948.56	254.03
26 24 19 00-0694		**Fused Disconnect Type** *(26 24 19 00-0687)*		
26 24 19 00-0695	EA	Fused Disconnect Type, Size 1 Space Complete With Bus And Hardware	320.34	87.24
26 24 19 00-0696	EA	Fused Disconnect Type, Size 2 Space Complete With Bus And Hardware	424.65	127.02
26 24 19 00-0697	EA	Fused Disconnect Type, Size 3 Space Complete With Bus And Hardware	590.13	166.79
26 24 19 00-0698	EA	Fused Disconnect Type, Size 4 Space Complete With Bus And Hardware	1,018.77	254.03
26 24 19 00-0699	EA	Fused Disconnect Type, Size 5 Space Complete With Bus And Hardware	1,420.07	369.49
26 24 19 00-0700		**Blank Space For Future Expansion** *(26 24 19 00-0687)*		
		Note: Factory modified no labor costs.		
26 24 19 00-0701	EA	Blank Space For Future Expansion, Size 1 Factory Modified, No Crew Costs	146.50	
26 24 19 00-0702	EA	Blank Space For Future Expansion, Size 2 Factory Modified, No Crew Costs	146.50	
26 24 19 00-0703	EA	Blank Space For Future Expansion, Size 3 Factory Modified, No Crew Costs	222.11	
26 24 19 00-0704	EA	Blank Space For Future Expansion, Size 4 Factory Modified, No Crew Costs	222.11	
26 24 19 00-0705	EA	Blank Space For Future Expansion, Size 5 Factory Modified, No Crew Costs	441.86	
26 24 19 00-0706		**Structure Combination Of Starters To 72" High** *(26 24 19 00-0687)*		
26 24 19 00-0707	EA	Structure Combination Of Starters To 72" High	3,732.02	675.22
26 24 19 00-0708		**Motor Control Center Basic Distribution Section** *(26 24 19 00-0484)*		
26 24 19 00-0709	EA	20" Wide Basic Section With Vertical Wireway	6,248.96	1,758.42
		For 2,000 Amperes, Tin Plated Copper Bus, Add	*506.00*	
		For NEMA 1 With Gasket, Add	*97.00*	
		For 600 Amperes, Tin Plated Copper Vertical, Add	*210.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
		For 1,600 Amperes, Tin Plated Copper Bus, Add	*402.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0710	EA	25" To 35" Wide Basic Section (No Vertical Wireway)	6,248.96	1,758.42
		For 2,000 Amperes, Tin Plated Copper Bus, Add	*506.00*	
		For NEMA 1 With Gasket, Add	*97.00*	
		For 600 Amperes, Tin Plated Copper Vertical, Add	*210.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
		For 1,600 Amperes, Tin Plated Copper Bus, Add	*402.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
26 24 19 00-0711	EA	25" Wide Basic Section With 9" Wide Vertical Wireway	6,892.74	1,758.42
		For 2,000 Amperes, Tin Plated Copper Bus, Add	*506.00*	
		For NEMA 1 With Gasket, Add	*97.00*	
		For 600 Amperes, Tin Plated Copper Vertical, Add	*210.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
		For 1,600 Amperes, Tin Plated Copper Bus, Add	*402.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
26 24 19 00-0712	EA	Corner Section	6,892.74	1,758.42
		For 2,000 Amperes, Tin Plated Copper Bus, Add	*506.00*	
		For NEMA 1 With Gasket, Add	*97.00*	
		For 600 Amperes, Tin Plated Copper Vertical, Add	*210.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
		For 1,600 Amperes, Tin Plated Copper Bus, Add	*402.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	

26 24 19 00-0713 Motor Control Center Starters With HMCP Circuit Breaker *(26 24 19 00-0484)*

Note: Includes door, unit support pan, heater elements, and NEMA 1 with gasket, or NEMA 12 enclosure. Line voltages of 208 V, 240 V, 480 V, and 600 V.

26 24 19 00-0714 FVNR Starters With HMCP Circuit Breaker *(26 24 19 00-0713)*

26 24 19 00-0715	EA	Class 1, Type A, Size 1 FVNR Starters With HMCP Circuit Breaker	1,614.09	246.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*148.17*	
26 24 19 00-0716	EA	Class 1, Type A, Size 2 FVNR Starters With HMCP Circuit Breaker	1,796.52	273.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*164.34*	
26 24 19 00-0717	EA	Class 1, Type A, Size 3 FVNR Starters With HMCP Circuit Breaker	3,110.87	368.21
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*220.95*	
26 24 19 00-0718	EA	Class 1, Type A, Size 4 FVNR Starters With HMCP Circuit Breaker	4,510.48	485.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*291.32*	
26 24 19 00-0719	EA	Class 1, Type A, Size 5 FVNR Starters With HMCP Circuit Breaker	10,264.73	606.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*364.06*	
26 24 19 00-0720	EA	Class 1, Type A, Size 6 FVNR Starters With HMCP Circuit Breaker	23,979.46	606.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*364.06*	
26 24 19 00-0721	EA	Class 1, Type B, Size 1 FVNR Starters With HMCP Circuit Breaker	1,628.33	213.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*128.16*	
26 24 19 00-0722	EA	Class 1, Type B, Size 2 FVNR Starters With HMCP Circuit Breaker	1,836.46	240.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*144.32*	
26 24 19 00-0723	EA	Class 1, Type B, Size 3 FVNR Starters With HMCP Circuit Breaker	3,178.91	328.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*197.06*	
26 24 19 00-0724	EA	Class 1, Type B, Size 4 FVNR Starters With HMCP Circuit Breaker	4,511.91	445.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*267.14*	
26 24 19 00-0725	EA	Class 1, Type B, Size 5 FVNR Starters With HMCP Circuit Breaker	10,282.84	574.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*344.88*	
26 24 19 00-0726	EA	Class 1, Type B, Size 6 FVNR Starters With HMCP Circuit Breaker	24,145.14	574.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*344.88*	

26 24 19 00-0727 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker *(26 24 19 00-0713)*

26 24 19 00-0728	EA	Class 1, Type A, Size 1 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	2,582.14	309.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*185.40*	
26 24 19 00-0729	EA	Class 1, Type A, Size 2 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	3,166.56	341.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*205.16*	
26 24 19 00-0730	EA	Class 1, Type A, Size 3 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	5,214.89	459.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*275.71*	
26 24 19 00-0731	EA	Class 1, Type A, Size 4 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	8,964.88	607.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*364.48*	
26 24 19 00-0732	EA	Class 1, Type A, Size 5 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	16,178.23	760.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*456.03*	
26 24 19 00-0733	EA	Class 1, Type B, Size 1 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	2,620.89	266.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*160.10*	
26 24 19 00-0734	EA	Class 1, Type B, Size 2 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	3,232.13	300.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*180.53*	
26 24 19 00-0735	EA	Class 1, Type B, Size 3 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	5,306.98	411.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*246.72*	
26 24 19 00-0736	EA	Class 1, Type B, Size 4 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	8,986.71	556.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*334.10*	
26 24 19 00-0737	EA	Class 1, Type B, Size 5 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	16,219.50	719.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*431.49*	

26 24 19 00-0738 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker *(26 24 19 00-0713)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0739	EA	Class 1, Type A, Size 1 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	2,828.28	309.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*185.40*	
26 24 19 00-0740	EA	Class 1, Type A, Size 2 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	4,021.47	341.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*205.16*	
26 24 19 00-0741	EA	Class 1, Type A, Size 3 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	7,582.70	459.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*275.71*	
26 24 19 00-0742	EA	Class 1, Type A, Size 4 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	10,325.18	607.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*364.48*	
26 24 19 00-0743	EA	Class 1, Type A, Size 5 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	20,682.49	760.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*456.03*	
26 24 19 00-0744	EA	Class 1, Type B, Size 1 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	2,867.03	266.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*160.10*	
26 24 19 00-0745	EA	Class 1, Type B, Size 2 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	4,087.04	300.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*180.53*	
26 24 19 00-0746	EA	Class 1, Type B, Size 3 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	7,674.80	411.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*246.72*	
26 24 19 00-0747	EA	Class 1, Type B, Size 4 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	10,347.01	556.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*334.10*	
26 24 19 00-0748	EA	Class 1, Type B, Size 5 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	20,723.76	719.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*431.49*	

26 24 19 00-0749 Motor Control Center Starters With Fusible Disconnect *(26 24 19 00-0484)*

Note: Includes fuses, door, unit support pan, heater elements, and NEMA 1 with gasket, or NEMA 12 enclosure.
Line voltages of 208 V, 240 V, 480 V, and 600 V.

26 24 19 00-0750 FVNR Starters With Fusible Disconnect *(26 24 19 00-0749)*

26 24 19 00-0751	EA	Class 1, Type A, Size 1 FVNR Starters With Fusible Disconnect	1,303.68	240.81
26 24 19 00-0752	EA	Class 1, Type A, Size 2 FVNR Starters With Fusible Disconnect	1,699.82	327.28
26 24 19 00-0753	EA	Class 1, Type A, Size 3 FVNR Starters With Fusible Disconnect	2,830.31	426.45
26 24 19 00-0754	EA	Class 1, Type A, Size 4 FVNR Starters With Fusible Disconnect	4,768.58	600.68
26 24 19 00-0755	EA	Class 1, Type A, Size 5 FVNR Starters With Fusible Disconnect	9,566.09	763.61
26 24 19 00-0756	EA	Class 1, Type A, Size 6 FVNR Starters With Fusible Disconnect	24,209.46	763.61
26 24 19 00-0757	EA	Class 1, Type B, Size 1 FVNR Starters With Fusible Disconnect	1,329.03	213.49
26 24 19 00-0758	EA	Class 1, Type B, Size 2 FVNR Starters With Fusible Disconnect	1,738.27	293.15
26 24 19 00-0759	EA	Class 1, Type B, Size 3 FVNR Starters With Fusible Disconnect	2,911.08	393.10
26 24 19 00-0760	EA	Class 1, Type B, Size 4 FVNR Starters With Fusible Disconnect	4,786.74	568.74
26 24 19 00-0761	EA	Class 1, Type B, Size 5 FVNR Starters With Fusible Disconnect	9,565.57	722.43
26 24 19 00-0762	EA	Class 1, Type B, Size 6 FVNR Starters With Fusible Disconnect	24,356.62	722.43

26 24 19 00-0763 Two Speed 2-Winding (TS2W) With Fusible Disconnect *(26 24 19 00-0749)*

26 24 19 00-0764	EA	Class 1, Type A, Size 1 Two Speed 2-Winding (TS2W) With Fusible Disconnect	2,242.15	301.50
26 24 19 00-0765	EA	Class 1, Type A, Size 2 Two Speed 2-Winding (TS2W) With Fusible Disconnect	3,123.67	409.13
26 24 19 00-0766	EA	Class 1, Type A, Size 3 Two Speed 2-Winding (TS2W) With Fusible Disconnect	4,833.08	532.81
26 24 19 00-0767	EA	Class 1, Type A, Size 4 Two Speed 2-Winding (TS2W) With Fusible Disconnect	10,118.88	752.97
26 24 19 00-0768	EA	Class 1, Type A, Size 5 Two Speed 2-Winding (TS2W) With Fusible Disconnect	16,451.62	881.13
26 24 19 00-0769	EA	Class 1, Type B, Size 1 Two Speed 2-Winding (TS2W) With Fusible Disconnect	2,294.90	266.86
26 24 19 00-0770	EA	Class 1, Type B, Size 2 Two Speed 2-Winding (TS2W) With Fusible Disconnect	3,185.42	366.15
26 24 19 00-0771	EA	Class 1, Type B, Size 3 Two Speed 2-Winding (TS2W) With Fusible Disconnect	4,940.06	491.89
26 24 19 00-0772	EA	Class 1, Type B, Size 4 Two Speed 2-Winding (TS2W) With Fusible Disconnect	10,155.34	709.60
26 24 19 00-0773	EA	Class 1, Type B, Size 5 Two Speed 2-Winding (TS2W) With Fusible Disconnect	16,474.24	830.98

26 24 19 00-0774 Two Speed 1-Winding (TS1W) With Fusible Disconnect *(26 24 19 00-0749)*

26 24 19 00-0775	EA	Class 1, Type A, Size 1 Two Speed 1-Winding (TS1W) With Fusible Disconnect	2,612.99	301.50
26 24 19 00-0776	EA	Class 1, Type A, Size 2 Two Speed 1-Winding (TS1W) With Fusible Disconnect	3,991.71	409.13
26 24 19 00-0777	EA	Class 1, Type A, Size 3 Two Speed 1-Winding (TS1W) With Fusible Disconnect	7,225.51	532.81
26 24 19 00-0778	EA	Class 1, Type A, Size 4 Two Speed 1-Winding (TS1W) With Fusible Disconnect	10,617.71	752.97
26 24 19 00-0779	EA	Class 1, Type A, Size 5 Two Speed 1-Winding (TS1W) With Fusible Disconnect	20,040.26	881.13
26 24 19 00-0780	EA	Class 1, Type B, Size 1 Two Speed 1-Winding (TS1W) With Fusible Disconnect	2,666.84	266.86
26 24 19 00-0781	EA	Class 1, Type B, Size 2 Two Speed 1-Winding (TS1W) With Fusible Disconnect	4,053.46	366.15
26 24 19 00-0782	EA	Class 1, Type B, Size 3 Two Speed 1-Winding (TS1W) With Fusible Disconnect	7,332.49	491.89
26 24 19 00-0783	EA	Class 1, Type B, Size 4 Two Speed 1-Winding (TS1W) With Fusible Disconnect	10,654.17	709.60
26 24 19 00-0784	EA	Class 1, Type B, Size 5 Two Speed 1-Winding (TS1W) With Fusible Disconnect	20,062.89	830.98

26 24 19 00-0785 Tin Plated Copper Bus Bar And Ground Bus Bar Splice Kit *(26 24 19 00-0484)*

Note: Per section. Labor is included in basic distribution section.

26 24 19 00-0786	EA	600 Amperes, Horizontal Tin Plated Copper Bus Kit	281.55	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.64*	
26 24 19 00-0787	EA	800 Amperes, Horizontal Tin Plated Copper Bus Kit	344.99	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.64*	
26 24 19 00-0788	EA	1,200 Amperes, Horizontal Tin Plated Copper Bus Kit	414.86	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.57*	
26 24 19 00-0789	EA	1,600 Amperes, Horizontal Tin Plated Copper Bus Kit	539.57	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.57*	
26 24 19 00-0790	EA	2,000 Amperes, Horizontal Tin Plated Copper Bus Kit	904.80	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	
26 24 19 00-0791	EA	1/4" x 2" Horizontal Tin Plated Copper Ground Bus Kit	161.35	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.71*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0792		**Disconnect (Safety) Switch For Motor Control Centers** *(26 24 19 00-0484)*		
26 24 19 00-0793		**3 Pole Circuit Breaker Disconnect For Motor Control Center** *(26 24 19 00-0792)* Note: Includes door, unit support pan, inverse time (Thermal Magnetic) circuit breaker, and NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure. Class 1 type A (no starters).		
26 24 19 00-0794	EA	150 Amperes Rating, 15 To 100 Amperes Trip Range, 3 Pole Circuit Breaker Disconnect	1,061.42	185.39
26 24 19 00-0795	EA	150 Amperes Rating, 125 To 150 Amperes Trip Range, 3 Pole Circuit Breaker Disconnect	1,866.94	205.27
26 24 19 00-0796	EA	225 Amperes Rating, 70 To 225 Amperes Trip Range, 3 Pole Circuit Breaker Disconnect	2,275.54	276.48
26 24 19 00-0797	EA	400 Amperes Rating, 125 To 400 Amperes Trip Range, 3 Pole Circuit Breaker Disconnect	3,783.34	364.36
26 24 19 00-0798	EA	600 Amperes Rating, 300 To 600 Amperes Trip Range, 3 Pole Circuit Breaker Disconnect	6,550.34	455.45
26 24 19 00-0799	EA	800 Amperes Rating, 400 To 800 Amperes Trip Range, 3 Pole Circuit Breaker Disconnect	7,477.40	455.45
26 24 19 00-0800	EA	1,200 Amperes Rating, 600 To 1,200 Amperes Trip Range, 3 Pole Circuit Breaker Disconnect	15,433.91	570.27
26 24 19 00-0801		**Fusible Disconnect (Safety) Switch For Motor Control Center** *(26 24 19 00-0792)* Note: Includes door, unit support pan, fuses and NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure. Class 1 type A (no starters).		
26 24 19 00-0802	EA	30 Amperes Switch Rating, Fusible Disconnect Switch With 30 Amperes Fuse Clips	902.00	180.26
26 24 19 00-0803	EA	60 Amperes Switch Rating, Fusible Disconnect Switch With 60 Amperes Fuse Clips	1,065.72	245.68
26 24 19 00-0804	EA	100 Amperes Switch Rating, Fusible Disconnect Switch With 100 Amperes Fuse Clips	1,458.94	314.33
26 24 19 00-0805	EA	200 Amperes Switch Rating, Fusible Disconnect Switch With 200 Amperes Fuse Clips	2,710.61	450.32
26 24 19 00-0806	EA	400 Amperes Switch Rating, Fusible Disconnect Switch With 400 Amperes Fuse Clips	4,799.78	572.72
26 24 19 00-0807	EA	600 Amperes Switch Rating, Fusible Disconnect Switch With 600 Amperes Fuse Clips	10,969.55	572.72
26 24 19 00-0808	EA	800 Amperes Switch Rating, Fusible Disconnect Switch With 800 Amperes Fuse Clips	13,561.38	715.90
26 24 19 00-0809	EA	1,200 Amperes Switch Rating, Fusible Disconnect Switch With 1,200 Amperes Fuse Clips	20,019.96	715.90
26 24 19 00-0810		**Control Circuit Transformer** *(26 24 19 00-0484)*		
26 24 19 00-0811	EA	Control Circuit Transformer, Size 1 Factory Installed	78.16	
26 24 19 00-0812	EA	Control Circuit Transformer, Size 2 Factory Installed	78.16	
26 24 19 00-0813	EA	Control Circuit Transformer, Size 3 Factory Installed	150.52	
26 24 19 00-0814	EA	Control Circuit Transformer, Size 4 Factory Installed	150.52	
26 24 19 00-0815	EA	Control Circuit Transformer, Size 5 Factory Installed	209.11	
26 24 19 00-0816	EA	Control Circuit Fuse And Holder Small Dim, Dual Element Time Delay	58.93	14.52
26 24 19 00-0817		**Cover Mounted Control Devices** *(26 24 19 00-0484)*		
26 24 19 00-0818	EA	Control Device, 2 Unit Push Button Station Cover Mounted	131.61	25.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.04*	
26 24 19 00-0819	EA	Control Device, 2-3 Unit Selector Switch Cover Mounted	147.87	25.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.05*	
26 24 19 00-0820	EA	Control Device, Pilot Light Cover Mounted	123.99	25.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.01*	
26 24 19 00-0821	EA	Control Device, Hand-Off-Auto Switch Cover Mounted With Pilot Light	337.37	87.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*52.58*	
26 24 19 00-0822	EA	Auxiliary Contact Add Per Starter	402.93	33.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.94*	
26 24 19 00-0823		**Extra Interlocks** *(26 24 19 00-0484)* Note: Per contact.		
26 24 19 00-0824	EA	Extra Interlocks, Class I, Type A Per Contact	85.79	16.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.01*	
26 24 19 00-0825	EA	Extra Interlocks, Class I, Type B Per Contact	118.46	16.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.01*	
26 24 19 00-0826	EA	Extra Interlocks, Class I, Type C Per Contact	131.43	16.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.02*	
26 24 19 00-0827	EA	Extra Interlocks, Class II, Type B Per Contact	118.21	16.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.02*	
26 24 19 00-0828	EA	Extra Interlocks, Class II, Type C Per Contact	124.73	16.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.05*	
26 24 19 00-0829		**Special Cabinet Provisions** *(26 24 19 00-0484)*		
26 24 19 00-0830	EA	Provisions For Bus Duct Entrance Special Cabinet Provisions	978.41	
26 24 19 00-0831		**Nameplate Requirements** *(26 24 19 00-0484)*		
26 24 19 00-0832	EA	Special Cabinet Nameplate Requirements	34.74	
26 24 19 00-0833		**Auxiliary Relays** *(26 24 19 00-0484)*		
26 24 19 00-0834	EA	Industrial Control Relay, 10 Amperes, Class A600 With 2 Contacts	192.89	32.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.27*	
26 24 19 00-0835	EA	Timing Relay, Solid State, DPDT 0.1-10 Sec Variable, Off-Delay	182.44	28.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.27*	
26 24 19 00-0836	EA	General Purpose Control Relay, 240 Volt AC, 10 Amperes, With Base	104.44	28.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.27*	
26 24 19 00-0837		**Motor Control Center Accessories** *(26 24 19 00-0484)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0838		**Lighting Transformer With Circuit Breaker** *(26 24 19 00-0837)* Note: For 240 V, 480 V, or 600 V primary. Includes door, unit support pan, and NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure for MCC only.		
26 24 19 00-0839	EA	1 Phase, 5 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker	5,689.23	411.27
26 24 19 00-0840	EA	1 Phase, 7.5 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker	5,915.12	427.72
26 24 19 00-0841	EA	1 Phase, 10 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker	6,471.41	460.62
26 24 19 00-0842	EA	1 Phase, 15 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker	8,129.96	493.52
26 24 19 00-0843	EA	1 Phase, 25 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker	10,922.94	526.42
26 24 19 00-0844	EA	1 Phase, 37.5 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker	13,414.53	592.22
26 24 19 00-0845	EA	1 Phase, 50 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker	17,618.81	658.03
26 24 19 00-0846	EA	3 Phase, 10 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker	10,300.52	542.88
26 24 19 00-0847	EA	3 Phase, 15 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker	11,191.13	592.22
26 24 19 00-0848	EA	3 Phase, 25 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker	12,798.34	658.03
26 24 19 00-0849	EA	3 Phase, 30 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker	13,579.24	723.83
26 24 19 00-0850	EA	3 Phase, 37.5 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker	16,378.39	789.63
26 24 19 00-0851	EA	3 Phase, 45 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker	16,901.98	855.44
26 24 19 00-0852		**Bolt-On Lighting Panel** *(26 24 19 00-0837)* Note: Includes door, T-handle, unit support pan, neutral bar (10 KA IC RMS), and NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure. For MCC only.		
26 24 19 00-0853	EA	18 Circuit Bolt-On Lighting Panel, MLO, 1 Phase, 3 Wire, 120/240 Volt	2,396.69	667.65
26 24 19 00-0854	EA	30 Circuit Bolt-On Lighting Panel, MLO, 1 Phase, 3 Wire, 120/240 Volt	3,735.35	1,162.11
26 24 19 00-0855	EA	42 Circuit Bolt-On Lighting Panel, MLO, 1 Phase, 3 Wire, 120/240 Volt	4,963.74	1,572.26
26 24 19 00-0856	EA	18 Circuit Bolt-On Lighting Panel, MLO, 3 Phase, 4 Wire, 120/208 Volt	2,506.16	722.43
26 24 19 00-0857	EA	30 Circuit Bolt-On Lighting Panel, MLO, 3 Phase, 4 Wire, 120/208 Volt	3,685.91	1,137.35
26 24 19 00-0858	EA	42 Circuit Bolt-On Lighting Panel, MLO, 3 Phase, 4 Wire, 120/208 Volt	5,160.27	1,670.54
26 24 19 00-0859	EA	18 Circuit Bolt-On Lighting Panel, MCB, 1 Phase, 3 Wire, 120/240 Volt	4,049.40	774.40
26 24 19 00-0860	EA	30 Circuit Bolt-On Lighting Panel, MCB, 1 Phase, 3 Wire, 120/240 Volt	5,389.08	1,243.19
26 24 19 00-0861	EA	42 Circuit Bolt-On Lighting Panel, MCB, 1 Phase, 3 Wire, 120/240 Volt	6,732.25	1,670.54
26 24 19 00-0862	EA	18 Circuit Bolt-On Lighting Panel, MCB, 3 Phase, 4 Wire, 120/208 Volt	4,171.21	835.20
26 24 19 00-0863	EA	30 Circuit Bolt-On Lighting Panel, MCB, 3 Phase, 4 Wire, 120/208 Volt	5,389.08	1,243.19
26 24 19 00-0864	EA	42 Circuit Bolt-On Lighting Panel, MCB, 3 Phase, 4 Wire, 120/208 Volt	6,840.02	1,724.42
26 24 19 00-0865		**Factory Installed Bolt-On Branch Circuit Breaker** *(26 24 19 00-0837)* Note: For MCC lighting panel only.		
26 24 19 00-0866	EA	15 To 30 Amperes,1 Pole, Bolt-On Branch Circuit Breaker	27.70	
26 24 19 00-0867	EA	15 To 30 Amperes, 1 Pole (GFI) Bolt-On Branch Circuit Breaker	301.53	
26 24 19 00-0868	EA	15 To 50 Amperes, 2 Pole, Bolt-On Branch Circuit Breaker	54.14	
26 24 19 00-0869	EA	60 To 100 Amperes, 2 Pole, Bolt-On Branch Circuit Breaker	124.65	
26 24 19 00-0870	EA	15 To 50 Amperes, 3 Pole, Bolt-On Branch Circuit Breaker	146.05	
26 24 19 00-0871	EA	60 To 100 Amperes, 3 Pole, Bolt-On Branch Circuit Breaker	221.60	
26 24 19 00-0872		**Blank Unit Door (BUD)** *(26 24 19 00-0837)* Note: With NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure. Factory installed.		
26 24 19 00-0873	EA	6" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure	80.41	
26 24 19 00-0874	EA	12" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure	96.49	
26 24 19 00-0875	EA	18" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure	144.73	
26 24 19 00-0876	EA	24" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure	192.98	
26 24 19 00-0877	EA	30" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure	289.47	
26 24 19 00-0878	EA	48" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure	337.71	
26 24 19 00-0879	EA	72" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure	385.96	

26 25 Enclosed Bus Assemblies *(26 20)*

26 25 13 Low-Voltage Busways *(26 25)*

26 25 13 00-0001		**Plug-In Bus Duct** *(26 25 13)* Note: Based on an average of 100' horizontal run with a 15' maximum mounting height. Each 100' of bus duct includes 2 elbows, 1 end cap, and switchboard stub. Excludes hangers with anchors and hardware support.		
26 25 13 00-0002		**600 Volt, 3-Phase, 3-Wire, Copper Conductors** *(26 25 13 00-0001)*		
26 25 13 00-0003	LF	225 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	291.01	38.49
		For Up To 25, Add	*72.75*	
		For >25 To 50, Add	*43.65*	
		For >50 To 100, Add	*21.83*	
26 25 13 00-0004	LF	400 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	409.17	38.49
		For Up To 25, Add	*102.29*	
		For >25 To 50, Add	*61.38*	
		For >50 To 100, Add	*30.69*	
26 25 13 00-0005	LF	600 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	517.24	51.32
		For Up To 25, Add	*129.31*	
		For >25 To 50, Add	*77.59*	
		For >50 To 100, Add	*38.79*	
26 25 13 00-0006	LF	800 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	710.45	51.32
		For Up To 25, Add	*177.61*	
		For >25 To 50, Add	*106.57*	
		For >50 To 100, Add	*53.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 25 13 00-0007	LF	1,000 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	749.72	64.14
		For Up To 25, Add	*187.43*	
		For >25 To 50, Add	*112.46*	
		For >50 To 100, Add	*56.23*	
26 25 13 00-0008	LF	1,350 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	1,039.89	64.14
		For Up To 25, Add	*259.97*	
		For >25 To 50, Add	*155.98*	
		For >50 To 100, Add	*77.99*	
26 25 13 00-0009	LF	1,600 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	1,214.73	67.35
		For Up To 25, Add	*303.68*	
		For >25 To 50, Add	*182.21*	
		For >50 To 100, Add	*91.10*	
26 25 13 00-0010	LF	2,000 Amperes Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	1,475.55	69.28
		For Up To 25, Add	*368.89*	
		For >25 To 50, Add	*221.33*	
		For >50 To 100, Add	*110.67*	
26 25 13 00-0011	LF	2,500 Amperes Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	1,817.67	73.13
		For Up To 25, Add	*454.42*	
		For >25 To 50, Add	*272.65*	
		For >50 To 100, Add	*136.33*	
26 25 13 00-0012	LF	3,000 Amperes Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	2,099.03	85.32
		For Up To 25, Add	*524.76*	
		For >25 To 50, Add	*314.85*	
		For >50 To 100, Add	*157.43*	
26 25 13 00-0013	LF	4,000 Amperes Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	2,427.55	93.01
		For Up To 25, Add	*606.89*	
		For >25 To 50, Add	*364.13*	
		For >50 To 100, Add	*182.07*	

26 25 13 00-0014 277/480 Volt, 3-Phase, 4-Wire, 100% Neutral, Copper Conductors *(26 25 13 00-0001)*

26 25 13 00-0015	LF	225 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	469.26	38.49
		For Up To 25, Add	*117.32*	
		For >25 To 50, Add	*70.39*	
		For >50 To 100, Add	*35.19*	
26 25 13 00-0016	LF	400 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	674.57	38.49
		For Up To 25, Add	*168.64*	
		For >25 To 50, Add	*101.19*	
		For >50 To 100, Add	*50.59*	
26 25 13 00-0017	LF	600 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	762.72	51.32
		For Up To 25, Add	*190.68*	
		For >25 To 50, Add	*114.41*	
		For >50 To 100, Add	*57.20*	
26 25 13 00-0018	LF	800 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	967.71	51.32
		For Up To 25, Add	*241.93*	
		For >25 To 50, Add	*145.16*	
		For >50 To 100, Add	*72.58*	
26 25 13 00-0019	LF	1,000 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	1,178.85	64.14
		For Up To 25, Add	*294.71*	
		For >25 To 50, Add	*176.83*	
		For >50 To 100, Add	*88.41*	
26 25 13 00-0020	LF	1,350 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	1,523.87	64.14
		For Up To 25, Add	*380.97*	
		For >25 To 50, Add	*228.58*	
		For >50 To 100, Add	*114.29*	
26 25 13 00-0021	LF	1,600 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	1,967.62	66.46
		For Up To 25, Add	*491.91*	
		For >25 To 50, Add	*295.14*	
		For >50 To 100, Add	*147.57*	
26 25 13 00-0022	LF	2,000 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	2,366.84	69.28
		For Up To 25, Add	*591.71*	
		For >25 To 50, Add	*355.03*	
		For >50 To 100, Add	*177.51*	
26 25 13 00-0023	LF	2,500 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	2,931.88	72.49
		For Up To 25, Add	*732.97*	
		For >25 To 50, Add	*439.78*	
		For >50 To 100, Add	*219.89*	
26 25 13 00-0024	LF	3,000 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	3,384.69	85.32
		For Up To 25, Add	*846.17*	
		For >25 To 50, Add	*507.70*	
		For >50 To 100, Add	*253.85*	
26 25 13 00-0025	LF	4,000 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	3,921.89	93.01
		For Up To 25, Add	*980.47*	
		For >25 To 50, Add	*588.28*	
		For >50 To 100, Add	*294.14*	

26 25 13 00-0026 Cable Tap Boxes *(26 25 13 00-0001)*

26 25 13 00-0027 600 Volt, 3-Phase, 3-Wire, Copper Conductors *(26 25 13 00-0026)*

26 25 13 00-0028	EA	225 Amperes Cable Tap Box, 600 Volt, 3 Phase, 3 Wire	2,355.83	179.62
26 25 13 00-0029	EA	400 Amperes Cable Tap Box, 600 Volt, 3 Phase, 3 Wire	2,439.68	179.62
26 25 13 00-0030	EA	600 Amperes Cable Tap Box, 600 Volt, 3 Phase, 3 Wire	2,640.51	243.76
26 25 13 00-0031	EA	800 Amperes Cable Tap Box, 600 Volt, 3 Phase, 3 Wire	2,813.39	243.76
26 25 13 00-0032	EA	1,000 Amperes Cable Tap Box, 600 Volt, 3 Phase, 3 Wire	3,019.68	320.74

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 25 13 00-0033	EA	1,350 Amperes Cable Tap Box, 600 Volt, 3 Phase, 3 Wire	3,309.30	320.74
26 25 13 00-0034		**277/480 Volt, 3-Phase, 4-Wire, 100% Neutral, Copper Conductors** *(26 25 13 00-0026)*		
26 25 13 00-0035	EA	225 Amperes Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire	2,439.68	352.82
26 25 13 00-0036	EA	400 Amperes Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire	2,655.23	352.82
26 25 13 00-0037	EA	600 Amperes Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire	2,841.53	481.10
26 25 13 00-0038	EA	800 Amperes Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire	3,193.64	481.10
26 25 13 00-0039	EA	1,000 Amperes Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire	3,363.48	641.48
26 25 13 00-0040	EA	1,350 Amperes Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire	3,824.75	641.48
26 25 13 00-0041		**Bus Duct Plug-In Circuit Breaker** *(26 25 13 00-0001)*		
26 25 13 00-0042		**240 Volt, 3-Phase** *(26 25 13 00-0041)*		
26 25 13 00-0043	EA	60 Amperes, 240 Volt, 3 Phase, Bus Duct Plug-In Circuit Breaker	1,069.52	128.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*70.19*	
26 25 13 00-0044	EA	100 Amperes, 240 Volt, 3 Phase, Bus Duct Plug-In Circuit Breaker	2,111.69	128.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*90.10*	
26 25 13 00-0045		**600 Volt, 3-Phase** *(26 25 13 00-0041)*		
26 25 13 00-0046	EA	60 Amperes, 600 Volt, 3 Phase, Bus Duct Plug-in Circuit Breaker	2,045.32	128.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*70.19*	
26 25 13 00-0047	EA	100 Amperes, 600 Volt, 3 Phase, Bus Duct Plug-in Circuit Breaker	2,648.90	128.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*90.10*	
26 25 13 00-0048		**120/208 Volt, 3-Phase, 4-Wire** *(26 25 13 00-0041)*		
26 25 13 00-0049	EA	60 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Bus Duct Plug-in Circuit Breaker	1,231.40	153.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*80.18*	
26 25 13 00-0050	EA	100 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Bus Duct Plug-in Circuit Breaker	1,472.53	153.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*100.23*	
26 25 13 00-0051		**277/480 Volt, 3-Phase, 4-Wire** *(26 25 13 00-0041)*		
26 25 13 00-0052	EA	60 Amperes, 277/480 Volt, 3 Phase, 4 Wire, Bus Duct Plug-In Circuit Breaker	1,405.70	153.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*80.18*	
26 25 13 00-0053	EA	100 Amperes, 277/480 Volt, 3 Phase, 4 Wire, Bus Duct Plug-In Circuit Breaker	2,155.06	153.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*100.23*	
26 25 13 00-0054	EA	225 Amperes, 277/480 Volt, 3 Phase, 4 Wire, Bus Duct Plug-In Circuit Breaker	3,175.59	532.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*230.75*	
26 25 13 00-0055	EA	400 Amperes, 277/480 Volt, 3 Phase, 4 Wire, Bus Duct Plug-In Circuit Breaker	7,563.19	532.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*501.16*	
26 25 13 00-0056	EA	600 Amperes, 277/480 Volt, 3 Phase, 4 Wire, Bus Duct Plug-In Circuit Breaker	8,494.53	1,539.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*697.26*	
26 25 13 00-0057	EA	800 Amperes, 277/480 Volt, 3 Phase, 4 Wire, Bus Duct Plug-In Circuit Breaker	10,745.16	1,539.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,233.62*	
26 25 13 00-0058		**Bus Duct Plug-In Fusible Switch** *(26 25 13 00-0001)*		
26 25 13 00-0059		**240 Volt, 3-Pole, 3-Fuse** *(26 25 13 00-0058)*		
26 25 13 00-0060	EA	30 Amperes, 240 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,067.12	128.30
26 25 13 00-0061	EA	60 Amperes, 240 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,173.92	128.30
26 25 13 00-0062	EA	100 Amperes, 240 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,619.52	153.95
26 25 13 00-0063	EA	200 Amperes, 240 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	2,735.36	307.91
26 25 13 00-0064	EA	400 Amperes, 240 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	6,893.66	692.80
26 25 13 00-0065	EA	600 Amperes, 240 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	10,337.81	1,205.98
26 25 13 00-0066		**600 Volt, 3-Pole, 3-Fuse** *(26 25 13 00-0058)*		
26 25 13 00-0067	EA	30 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,107.13	141.12
26 25 13 00-0068	EA	60 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,211.32	141.12
26 25 13 00-0069	EA	100 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,631.11	141.12
26 25 13 00-0070	EA	200 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	2,799.51	295.08
26 25 13 00-0071	EA	400 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	6,859.39	667.13
26 25 13 00-0072	EA	600 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	10,580.80	1,282.96
26 25 13 00-0073	EA	800 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	17,292.48	1,667.84
26 25 13 00-0074		**120/208 Volt, 4-pole, 3 Fuse** *(26 25 13 00-0058)*		
26 25 13 00-0075	EA	30 Amperes, 120/208 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,234.22	166.79
26 25 13 00-0076	EA	60 Amperes, 120/208 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,328.00	166.79
26 25 13 00-0077	EA	100 Amperes, 120/208 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,795.22	166.79
26 25 13 00-0078	EA	200 Amperes, 120/208 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	3,042.56	346.40
26 25 13 00-0079	EA	400 Amperes, 120/208 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	7,570.51	769.78
26 25 13 00-0080	EA	600 AAmperes, 120/208 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	11,025.37	1,180.32
26 25 13 00-0081		**277/480 Volt, 4-pole, 3-Fuse** *(26 25 13 00-0058)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 25 13 00-0082	EA	30 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,274.31	166.79
26 25 13 00-0083	EA	60 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,368.08	141.51
26 25 13 00-0084	EA	100 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,913.61	192.44
26 25 13 00-0085	EA	200 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	3,169.33	346.40
26 25 13 00-0086	EA	400 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	7,570.51	769.78
26 25 13 00-0087	EA	600 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	11,025.37	1,180.32
26 25 13 00-0088	EA	800 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	17,408.62	1,565.21

26 25 16 Low-Voltage Cablebus Systems *(26 25)*

26 25 16 00-0001 Feeder Bus Duct *(26 25 16)*

Note: Based on an average of 100' horizontal run with a 15' maximum mounting height. Each 100' of bus duct includes 2 elbows, 1 end cap, and switchboard stub. Excludes hangers with anchors and hardware support.

26 25 16 00-0002 600 Volt, 3 Phase, 3 Wire, Ventilated Low Impedance *(26 25 16 00-0001)*

Note: Copper conductors.

26 25 16 00-0003	LF	800 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports	848.35	53.88
		For Up To 25, Add	*212.09*	
		For >25 To 50, Add	*127.25*	
		For >50 To 100, Add	*63.63*	
26 25 16 00-0004	LF	1,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports	860.42	53.88
		For Up To 25, Add	*215.11*	
		For >25 To 50, Add	*129.06*	
		For >50 To 100, Add	*64.53*	
26 25 16 00-0005	LF	1,350 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports	1,124.31	53.88
		For Up To 25, Add	*281.08*	
		For >25 To 50, Add	*168.65*	
		For >50 To 100, Add	*84.32*	
26 25 16 00-0006	LF	1,600 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports	1,349.18	53.88
		For Up To 25, Add	*337.30*	
		For >25 To 50, Add	*202.38*	
		For >50 To 100, Add	*101.19*	
26 25 16 00-0007	LF	2,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports	1,648.34	53.88
		For Up To 25, Add	*412.09*	
		For >25 To 50, Add	*247.25*	
		For >50 To 100, Add	*123.63*	
26 25 16 00-0008	LF	3,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports	2,249.73	128.30
		For Up To 25, Add	*562.43*	
		For >25 To 50, Add	*337.46*	
		For >50 To 100, Add	*168.73*	
26 25 16 00-0009	LF	4,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports	3,107.42	128.30
		For Up To 25, Add	*776.86*	
		For >25 To 50, Add	*466.11*	
		For >50 To 100, Add	*233.06*	
26 25 16 00-0010	LF	5,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports	3,676.52	128.30
		For Up To 25, Add	*919.13*	
		For >25 To 50, Add	*551.48*	
		For >50 To 100, Add	*275.74*	
26 25 16 00-0011	LF	6,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports	4,526.93	128.30
		For Up To 25, Add	*1,131.73*	
		For >25 To 50, Add	*679.04*	
		For >50 To 100, Add	*339.52*	

26 25 16 00-0012 277/480 Volt, 3 Phase, 4 Wire, Half Neutral, Ventilated *(26 25 16 00-0001)*

Note: Low impedance, copper conductors.

26 25 16 00-0013	LF	800 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	971.58	57.73
		For Up To 25, Add	*242.90*	
		For >25 To 50, Add	*145.74*	
		For >50 To 100, Add	*72.87*	
26 25 16 00-0014	LF	1,000 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	987.58	57.73
		For Up To 25, Add	*246.90*	
		For >25 To 50, Add	*148.14*	
		For >50 To 100, Add	*74.07*	
26 25 16 00-0015	LF	1,350 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	1,269.32	57.73
		For Up To 25, Add	*317.33*	
		For >25 To 50, Add	*190.40*	
		For >50 To 100, Add	*95.20*	
26 25 16 00-0016	LF	1,600 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	1,504.60	57.73
		For Up To 25, Add	*376.15*	
		For >25 To 50, Add	*225.69*	
		For >50 To 100, Add	*112.85*	
26 25 16 00-0017	LF	2,000 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	1,817.02	57.73
		For Up To 25, Add	*454.26*	
		For >25 To 50, Add	*272.55*	
		For >50 To 100, Add	*136.28*	
26 25 16 00-0018	LF	3,000 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	2,790.24	98.79
		For Up To 25, Add	*697.56*	
		For >25 To 50, Add	*418.54*	
		For >50 To 100, Add	*209.27*	
26 25 16 00-0019	LF	4,000 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	3,499.27	98.79
		For Up To 25, Add	*874.82*	
		For >25 To 50, Add	*524.89*	
		For >50 To 100, Add	*262.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 25 16 00-0020	LF	5,000 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	4,140.76	183.46
		For Up To 25, Add	*1,035.19*	
		For >25 To 50, Add	*621.11*	
		For >50 To 100, Add	*310.56*	
26 25 16 00-0021	LF	6,000 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	5,104.60	183.46
		For Up To 25, Add	*1,276.15*	
		For >25 To 50, Add	*765.69*	
		For >50 To 100, Add	*382.85*	

26 27 Low-Voltage Distribution Equipment *(26 20)*

26 27 13 Electricity Metering *(26 27)*

26 27 13 00-0001 Revenue Metering *(26 27 13)*

26 27 13 00-0002 Meter Socket Base *(26 27 13 00-0001)*

Note: NEMA 3R. See CSI section 26 27 13 00-0013 for meter.

26 27 13 00-0003	EA	100 Amperes, 1 Phase, 3 Wire, 4 Terminal Meter Socket With Bypass	291.60	83.39
26 27 13 00-0004	EA	100 Amperes, 1 Phase, 3 Wire, 5 Terminal Meter Socket With Bypass	309.12	83.39
26 27 13 00-0005	EA	150 Amperes, 1 Phase, 3 Wire, 4 Terminal Meter Socket With Bypass	344.78	93.01
26 27 13 00-0006	EA	150 Amperes, 1 Phase, 3 Wire, 5 Terminal Meter Socket With Bypass	356.03	93.01
26 27 13 00-0007	EA	200 Amperes, 1 Phase, 3 Wire, 4 Terminal Meter Socket With Bypass	397.96	102.63
26 27 13 00-0008	EA	200 Amperes, 1 Phase, 3 Wire, 5 Terminal Meter Socket With Bypass	402.94	102.63
26 27 13 00-0009	EA	200 Amperes, 3 Phase, 4 Wire, 7 Terminal Meter Socket With Bypass And Jaw Release	1,035.87	162.94
26 27 13 00-0010	EA	320 Amperes, 3 Phase, 4 Wire, 7 Terminal Meter Socket With Bypass And Jaw Release	1,322.96	182.18
26 27 13 00-0011	EA	400 Amperes, 3 Phase, 4 Wire, 7 Terminal Meter Socket With Bypass And Jaw Release	2,875.02	201.42
26 27 13 00-0012	EA	Combination Motor And Current Transformer Cabinet, 15 To 30 Amperes, 13 Terminal, Underground, With Test Switch And Transformer, Socket Base	2,937.87	641.48

26 27 13 00-0013 Meter Device *(26 27 13 00-0001)*

Note: Direct read, with 15 minute demand. See CSI section 26 27 13 00-0002 for socket base.

26 27 13 00-0014	EA	100 Amperes, 120 Volt, Or 240 Volt, 1 Phase, KWH Meter	288.40	25.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.78*	
26 27 13 00-0015	EA	150 Amperes, 120 Volt, Or 240 Volt, 1 Phase, KWH Meter	340.91	26.63
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.97*	
26 27 13 00-0016	EA	200 Amperes, 120 Volt, Or 240 Volt, 1 Phase, KWH Meter	417.01	26.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.16*	
26 27 13 00-0017	EA	200 Amperes, 120 Volt, Or 240 Volt, 3 Phase, KWH Meter	812.89	27.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.38*	
26 27 13 00-0018	EA	320 Amperes, 120 Volt, Or 240 Volt, 3 Phase, KWH Meter	1,138.37	28.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.35*	
26 27 13 00-0019	EA	400 Amperes, 120 Volt, Or 240 Volt, 3 Phase, KWH Meter	1,846.20	32.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.27*	

26 27 13 00-0020 Current Transformer Enclosure *(26 27 13 00-0001)*

26 27 13 00-0021	EA	18" x 24" x 9", NEMA 3R, Screwed Cover, Current Transformer Enclosure	603.21	166.79

26 27 13 00-0022 120/240 Volt Meter Center And Main Breaker, Indoor Housing *(26 27 13 00-0001)*

26 27 13 00-0023 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max., 2 Pole *(26 27 13 00-0022)*

26 27 13 00-0024	EA	3 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max	1,123.96	80.19
26 27 13 00-0025	EA	4 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max	1,479.13	96.22
26 27 13 00-0026	EA	5 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max	1,832.40	112.25
26 27 13 00-0027	EA	6 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max	2,123.34	128.30
26 27 13 00-0028	EA	7 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max	2,763.80	144.33
26 27 13 00-0029	EA	8 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max	2,984.81	160.36
26 27 13 00-0030	EA	10 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max	3,483.54	192.44

26 27 13 00-0031 1,200 Amperes Bus, 4 Jaw Sockets, 200 Amperes Max., 2 Pole *(26 27 13 00-0022)*

26 27 13 00-0032	EA	3 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 200 Amperes Max	2,068.68	80.19
26 27 13 00-0033	EA	4 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 200 Amperes Max	2,724.26	96.22
26 27 13 00-0034	EA	6 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 200 Amperes Max	3,752.03	128.30
26 27 13 00-0035	EA	7 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 200 Amperes Max	4,161.96	144.33
26 27 13 00-0036	EA	8 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 200 Amperes Max	5,233.21	160.36

26 27 13 00-0037 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0022)*

26 27 13 00-0038	EA	3 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	1,720.92	112.25
26 27 13 00-0039	EA	4 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,259.38	128.30
26 27 13 00-0040	EA	5 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,763.80	144.33
26 27 13 00-0041	EA	6 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,249.33	160.36
26 27 13 00-0042	EA	7 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,093.85	176.41
26 27 13 00-0043	EA	8 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,295.98	192.44
26 27 13 00-0044	EA	10 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	5,323.71	224.52

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 13 00-0045		1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0022)*		
26 27 13 00-0046	EA	3 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,661.85	112.25
26 27 13 00-0047	EA	4 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,487.49	128.30
26 27 13 00-0048	EA	6 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,912.01	160.36
26 27 13 00-0049	EA	7 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	5,265.28	176.41
26 27 13 00-0050	EA	8 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	6,733.27	192.44
26 27 13 00-0051		120/208 Volt Meter Center And Main Breaker, Indoor Housing *(26 27 13 00-0001)*		
26 27 13 00-0052		800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max., 2 Pole *(26 27 13 00-0051)*		
26 27 13 00-0053	EA	3 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max	1,224.06	96.22
26 27 13 00-0054	EA	4 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max	1,600.00	112.25
26 27 13 00-0055	EA	5 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max	1,974.08	128.30
26 27 13 00-0056	EA	6 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max	2,291.45	144.33
26 27 13 00-0057	EA	7 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max	2,814.76	160.36
26 27 13 00-0058	EA	8 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max	3,035.77	176.41
26 27 13 00-0059	EA	10 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max	3,742.34	208.49
26 27 13 00-0060		1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0051)*		
26 27 13 00-0061	EA	3 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	2,176.33	96.22
26 27 13 00-0062	EA	4 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	2,869.71	112.25
26 27 13 00-0063	EA	6 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	4,143.07	144.33
26 27 13 00-0064	EA	7 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	4,553.02	160.36
26 27 13 00-0065	EA	8 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	5,510.94	176.41
26 27 13 00-0066		800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0051)*		
26 27 13 00-0067	EA	3 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	1,821.05	128.30
26 27 13 00-0068	EA	4 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,367.04	144.33
26 27 13 00-0069	EA	5 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,928.16	160.36
26 27 13 00-0070	EA	6 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,413.70	176.41
26 27 13 00-0071	EA	7 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,296.02	192.44
26 27 13 00-0072	EA	8 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,498.11	208.49
26 27 13 00-0073	EA	10 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	5,601.46	240.55
26 27 13 00-0074		1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0051)*		
26 27 13 00-0075	EA	3 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,788.43	128.30
26 27 13 00-0076	EA	4 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,670.74	144.33
26 27 13 00-0077	EA	6 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	5,265.32	176.41
26 27 13 00-0078	EA	7 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	5,505.21	192.44
26 27 13 00-0079	EA	8 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	6,992.13	208.49
26 27 13 00-0080		120/240 Volt Meter Center And Main Breaker, NEMA 3R Housing *(26 27 13 00-0001)*		
26 27 13 00-0081		800 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0080)*		
26 27 13 00-0082	EA	3 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	1,123.96	80.19
26 27 13 00-0083	EA	4 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	1,479.13	96.22
26 27 13 00-0084	EA	6 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	2,123.34	128.30
26 27 13 00-0085	EA	7 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	2,763.80	144.33
26 27 13 00-0086	EA	8 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	3,419.38	160.36
26 27 13 00-0087		1,200 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0080)*		
26 27 13 00-0088	EA	3 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	2,068.67	80.19
26 27 13 00-0089	EA	4 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	2,724.25	96.22
26 27 13 00-0090	EA	6 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	3,940.95	128.30
26 27 13 00-0091	EA	7 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	4,350.91	144.33
26 27 13 00-0092	EA	8 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	5,233.21	160.36
26 27 13 00-0093		800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0080)*		
26 27 13 00-0094	EA	3 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	1,720.92	112.25
26 27 13 00-0095	EA	4 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,259.38	128.30
26 27 13 00-0096	EA	6 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,249.33	160.36
26 27 13 00-0097	EA	7 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,093.85	176.41
26 27 13 00-0098	EA	8 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,295.98	192.44

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 13 00-0099		1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0080)*		
26 27 13 00-0100	EA	3 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,661.87	112.25
26 27 13 00-0101	EA	4 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,487.49	128.30
26 27 13 00-0102	EA	6 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,912.01	160.36
26 27 13 00-0103	EA	7 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	5,265.28	176.41
26 27 13 00-0104	EA	8 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	6,733.32	192.44
26 27 13 00-0105		120/208 Volt Meter Center And Main Breaker, NEMA 3R Housing *(26 27 13 00-0001)*		
26 27 13 00-0106		800 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0105)*		
26 27 13 00-0107	EA	3 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	1,224.06	96.22
26 27 13 00-0108	EA	4 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	1,600.00	112.25
26 27 13 00-0109	EA	6 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	2,291.45	144.33
26 27 13 00-0110	EA	7 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	3,003.70	160.36
26 27 13 00-0111	EA	8 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	3,413.66	176.41
26 27 13 00-0112		1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0105)*		
26 27 13 00-0113	EA	3 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	2,176.32	96.22
26 27 13 00-0114	EA	4 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	2,869.69	112.25
26 27 13 00-0115	EA	6 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	3,954.13	144.33
26 27 13 00-0116	EA	7 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	4,364.08	160.36
26 27 13 00-0117	EA	8 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	5,510.90	176.41
26 27 13 00-0118		800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0105)*		
26 27 13 00-0119	EA	3 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	1,821.03	128.30
26 27 13 00-0120	EA	4 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,367.02	144.33
26 27 13 00-0121	EA	6 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,413.66	176.41
26 27 13 00-0122	EA	7 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,295.98	192.44
26 27 13 00-0123	EA	8 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,498.11	208.49
26 27 13 00-0124		1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0105)*		
26 27 13 00-0125	EA	3 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,788.41	128.30
26 27 13 00-0126	EA	4 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,670.72	144.33
26 27 13 00-0127	EA	6 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	5,265.28	176.41
26 27 13 00-0128	EA	7 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	5,505.21	192.44
26 27 13 00-0129	EA	8 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	6,992.13	208.49
26 27 13 00-0130		Watt/Hour Meters *(26 27 13)*		
26 27 13 00-0131	EA	Single Phase M-90 Meter, Socket, NEMA 3R Enclosure	1,291.19	76.98
26 27 13 00-0132	EA	Three Phase M-90 Meter/Main Breaker Combination With Socket, NEMA 3R Enclosure	3,640.26	153.95
26 27 13 00-0133	EA	Three Phase M-90 Meter In Line Secondary With Socket, NEMA 3R Enclosure	1,932.59	115.46
26 27 13 00-0134	EA	Three Phase M-90 Meter, Primary Side Transformer Mount With Socket Totally Enclosed, NEMA 3R Enclosure	2,364.10	115.46
26 27 13 00-0135	EA	Three Phase M-90 Meter, Primary Side Pole Mount With Socket, NEMA 3R Enclosure	1,995.98	115.46
26 27 13 00-0136	EA	C.T. For M-90 Meter On Primary Side, NEMA 3R Enclosure	1,351.76	106.48
26 27 13 00-0137	EA	P.T. For M-90 Meter On Primary Side, NEMA 3R Enclosure	2,310.85	192.44
26 27 13 00-0138		Watt/Hour Meter Systems *(26 27 13)* Note: Includes NEMA 3R enclosure with C.T. and NEMA 3R C.T. enclosure. systems with main breakers include an additional NEMA 3R enclosure.		
26 27 13 00-0139		Watt/Hour Meter System Without Main Breaker *(26 27 13 00-0138)*		
26 27 13 00-0140	EA	400 Amperes System; 200 Amperes M-90 Meter And Enclosure	5,920.05	769.90
26 27 13 00-0141	EA	600 To 800 Amperes System; 200 Amperes M-90 Meter And Enclosure	6,938.40	769.90
26 27 13 00-0142		Watt/Hour Meter System With Main Breaker *(26 27 13 00-0138)*		
26 27 13 00-0143	EA	400 Amperes System; 400 Amperes Main Breaker, 200 Amperes M-90 Meter And Enclosure	10,391.14	769.90
26 27 13 00-0144	EA	600 Amperes System; 600 Amperes Main Breaker, 200 Amperes M-90 Meter And Enclosure	12,611.71	769.90
26 27 13 00-0145	EA	800 Amperes System; 800 Amperes Main Breaker, 200 Amperes M-90 Meter And Enclosure	13,553.44	769.90
26 27 16		**Electrical Cabinets and Enclosures** *(26 27)* Note: Can be used as enclosure or pull/junction boxes.		
26 27 16 00-0001		NEMA 1 Enclosures, Lockable *(26 27 16)*		
26 27 16 00-0002		Hinged Cover, Galvanized Steel NEMA 1 Enclosures *(26 27 16 00-0001)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0003		**4" Depth, Hinged Cover, Galvanized Steel NEMA 1 Enclosures** *(26 27 16 00-0002)*		
26 27 16 00-0004	EA	6" x 4" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	81.45	25.66
26 27 16 00-0005	EA	6" x 6" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	91.38	28.23
26 27 16 00-0006	EA	8" x 6" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	101.38	30.79
26 27 16 00-0007	EA	8" x 8" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	118.36	35.93
26 27 16 00-0008	EA	10" x 8" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	128.94	38.49
26 27 16 00-0009	EA	10" x 10" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	140.30	41.06
26 27 16 00-0010	EA	12" x 8" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	139.90	41.06
26 27 16 00-0011	EA	12" x 10" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	151.54	43.62
26 27 16 00-0012	EA	12" x 12" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	163.77	46.19
26 27 16 00-0013	EA	16" x 12" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	212.32	61.58
26 27 16 00-0014	EA	16" x 16" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	257.57	74.42
26 27 16 00-0015	EA	18" x 12" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	244.66	71.85
26 27 16 00-0016		**6" Depth, Hinged Cover, Galvanized Steel NEMA 1 Enclosures** *(26 27 16 00-0002)*		
26 27 16 00-0017	EA	6" x 6" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	102.16	30.79
26 27 16 00-0018	EA	8" x 8" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	124.08	35.93
26 27 16 00-0019	EA	10" x 8" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	148.09	43.62
26 27 16 00-0020	EA	10" x 10" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	160.02	46.19
26 27 16 00-0021	EA	12" x 10" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	172.21	48.75
26 27 16 00-0022	EA	12" x 12" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	184.95	51.32
26 27 16 00-0023	EA	16" x 12" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	234.80	66.71
26 27 16 00-0024	EA	16" x 16" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	284.62	82.11
26 27 16 00-0025	EA	18" x 12" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	274.47	79.55
26 27 16 00-0026	EA	18" x 18" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	357.48	102.63
26 27 16 00-0027	EA	24" x 18" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	459.30	118.04
26 27 16 00-0028	EA	24" x 24" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	525.08	128.30
26 27 16 00-0029	EA	30" x 24" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	584.78	135.99
26 27 16 00-0030	EA	36" x 24" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	638.08	141.12
26 27 16 00-0031	EA	24-1/2" x 12-1/2" x 6-1/2", Hinged Cover, Galvanized Steel NEMA 1 Enclosure (Control Products MH3803L)	436.56	102.63
26 27 16 00-0032		**Screw Cover, Galvanized Steel NEMA 1 Enclosures** *(26 27 16 00-0001)*		
26 27 16 00-0033		**3" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures** *(26 27 16 00-0032)*		
26 27 16 00-0034	EA	4" x 4" x 3" Screw Cover, Galvanized Steel NEMA 1 Enclosure	55.97	17.96
26 27 16 00-0035	EA	6" x 6" x 3" Screw Cover, Galvanized Steel NEMA 1 Enclosure	79.99	25.66
26 27 16 00-0036	EA	8" x 6" x 3" Screw Cover, Galvanized Steel NEMA 1 Enclosure	89.23	28.23
26 27 16 00-0037		**4" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures** *(26 27 16 00-0032)*		
26 27 16 00-0038	EA	4" x 4" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	62.59	20.52
26 27 16 00-0039	EA	6" x 4" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	77.59	25.66
26 27 16 00-0040	EA	6" x 6" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	86.68	28.23
26 27 16 00-0041	EA	8" x 6" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	95.90	30.79
26 27 16 00-0042	EA	8" x 8" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	111.90	35.93
26 27 16 00-0043	EA	10" x 8" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	121.55	38.49
26 27 16 00-0044	EA	10" x 10" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	131.70	41.06
26 27 16 00-0045	EA	12" x 8" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	131.33	41.06
26 27 16 00-0046	EA	12" x 10" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	141.92	43.62
26 27 16 00-0047	EA	12" x 12" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	152.81	46.19
26 27 16 00-0048	EA	16" x 12" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	199.91	61.58
26 27 16 00-0049	EA	16" x 16" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	247.74	76.98
26 27 16 00-0050	EA	18" x 12" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	229.89	71.85
26 27 16 00-0051	EA	18" x 18" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	297.76	92.37
26 27 16 00-0052	EA	24" x 24" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	429.56	115.46
26 27 16 00-0053		**6" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures** *(26 27 16 00-0032)*		
26 27 16 00-0054	EA	6" x 6" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	96.43	30.79
26 27 16 00-0055	EA	8" x 6" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	106.36	33.36
26 27 16 00-0056	EA	8" x 8" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	122.59	38.49
26 27 16 00-0057	EA	10" x 8" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	139.18	43.62
26 27 16 00-0058	EA	10" x 10" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	149.92	46.19
26 27 16 00-0059	EA	12" x 10" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	160.78	48.75
26 27 16 00-0060	EA	12" x 12" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	172.08	51.32
26 27 16 00-0061	EA	16" x 12" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	220.35	66.71
26 27 16 00-0062	EA	16" x 16" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	270.73	82.11
26 27 16 00-0063	EA	18" x 12" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	257.33	79.55
26 27 16 00-0064	EA	18" x 18" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	334.58	102.63
26 27 16 00-0065	EA	24" x 18" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	417.67	118.04
26 27 16 00-0066	EA	24" x 24" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	478.56	128.30
26 27 16 00-0067	EA	30" x 24" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	516.64	135.99
26 27 16 00-0068	EA	36" x 24" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	564.98	141.12
26 27 16 00-0069		**8" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures** *(26 27 16 00-0032)*		
26 27 16 00-0070	EA	8" x 8" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	139.18	43.62
26 27 16 00-0071	EA	12" x 12" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	189.82	56.45

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0072	EA	16" x 12" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	241.32	71.85
26 27 16 00-0073	EA	16" x 16" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	299.53	89.81
26 27 16 00-0074	EA	18" x 12" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	286.30	87.24
26 27 16 00-0075	EA	18" x 18" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	354.66	107.77
26 27 16 00-0076	EA	24" x 12" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	395.57	123.17
26 27 16 00-0077	EA	24" x 18" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	458.59	130.86
26 27 16 00-0078	EA	24" x 24" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	527.71	141.12
26 27 16 00-0079	EA	30" x 24" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	561.46	148.82
26 27 16 00-0080	EA	30" x 30" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	589.82	153.95
26 27 16 00-0081	EA	36" x 24" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	605.36	153.95
26 27 16 00-0082		**10" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures** *(26 27 16 00-0032)*		
26 27 16 00-0083	EA	18" x 12" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure	324.89	97.50
26 27 16 00-0084	EA	18" x 18" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure	427.54	125.73
26 27 16 00-0085	EA	24" x 12" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure	432.87	133.43
26 27 16 00-0086	EA	24" x 18" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure	561.02	143.69
26 27 16 00-0087	EA	24" x 24" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure	645.54	159.08
26 27 16 00-0088	EA	30" x 24" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure	716.17	164.22
26 27 16 00-0089	EA	36" x 24" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure	763.91	171.92
26 27 16 00-0090		**12" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures** *(26 27 16 00-0032)*		
26 27 16 00-0091	EA	18" x 18" x 12", Screw Cover, Galvanized Steel NEMA 1 Enclosure	472.00	138.56
26 27 16 00-0092	EA	24" x 12" x 12", Screw Cover, Galvanized Steel NEMA 1 Enclosure	470.25	146.26
26 27 16 00-0093	EA	24" x 18" x 12", Screw Cover, Galvanized Steel NEMA 1 Enclosure	616.86	159.08
26 27 16 00-0094	EA	24" x 24" x 12", Screw Cover, Galvanized Steel NEMA 1 Enclosure	704.65	174.48
26 27 16 00-0095	EA	30" x 24" x 12", Screw Cover, Galvanized Steel NEMA 1 Enclosure	790.45	182.18
26 27 16 00-0096	EA	36" x 24" x 12", Screw Cover, Galvanized Steel NEMA 1 Enclosure	833.67	189.88
26 27 16 00-0097		**NEMA 1 Enclosures For Up To 6 Boards, Lockable** *(26 27 16)*		
26 27 16 00-0098		**4.5" Depth, Hinged Cover, Powder Coated Steel, NEMA 1 Enclosures** *(26 27 16 00-0097)*		
26 27 16 00-0099	EA	24" High x 18" Wide x 4.5" Deep, 18 Gauge, Powder Coated Steel, NEMA 1 Enclosure (RS2 Technologies NCL-12)	1,262.74	112.90
26 27 16 00-0100		**NEMA 12 Enclosures, Lockable** *(26 27 16)*		
		Note: Dust-tight enclosures.		
26 27 16 00-0101		**Hinged Cover, Galvanized Steel NEMA 12 Enclosures** *(26 27 16 00-0100)*		
26 27 16 00-0102		**4" Depth, Hinged Cover, Galvanized Steel NEMA 12 Enclosures** *(26 27 16 00-0101)*		
26 27 16 00-0103	EA	4" x 4" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	116.76	20.52
26 27 16 00-0104	EA	6" x 6" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	151.97	28.23
26 27 16 00-0105	EA	8" x 8" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	187.94	35.93
26 27 16 00-0106	EA	10" x 8" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	203.50	38.49
26 27 16 00-0107	EA	12" x 6" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	228.56	41.06
26 27 16 00-0108	EA	12" x 10" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	246.25	43.62
26 27 16 00-0109		**6" Depth, Hinged Cover, Galvanized Steel NEMA 12 Enclosures** *(26 27 16 00-0101)*		
26 27 16 00-0110	EA	6" x 6" x 6" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	168.75	30.79
26 27 16 00-0111	EA	8" x 6" x 6" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	185.95	33.36
26 27 16 00-0112		**Screw Cover, Galvanized Steel NEMA 12 Enclosures** *(26 27 16 00-0100)*		
26 27 16 00-0113		**4" Depth, Screw Cover, Galvanized Steel NEMA 12 Enclosures** *(26 27 16 00-0112)*		
26 27 16 00-0114	EA	4" x 4" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	238.14	20.52
26 27 16 00-0115	EA	6" x 6" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	285.25	28.23
26 27 16 00-0116	EA	8" x 6" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	322.70	30.79
26 27 16 00-0117	EA	8" x 8" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	369.12	35.93
26 27 16 00-0118	EA	10" x 8" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	379.47	38.49
26 27 16 00-0119	EA	10" x 10" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	448.66	41.06
26 27 16 00-0120	EA	12" x 10" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	481.80	43.62
26 27 16 00-0121	EA	12" x 12" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	548.64	46.19
26 27 16 00-0122		**6" Depth, Screw Cover, Galvanized Steel NEMA 12 Enclosures** *(26 27 16 00-0112)*		
26 27 16 00-0123	EA	6" x 6" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	347.70	30.79
26 27 16 00-0124	EA	8" x 6" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	393.23	33.36
26 27 16 00-0125	EA	8" x 8" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	428.39	38.49
26 27 16 00-0126	EA	10" x 10" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	506.59	46.19
26 27 16 00-0127	EA	12" x 12" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	550.03	51.32
26 27 16 00-0128	EA	16" x 14" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	764.33	66.71
26 27 16 00-0129	EA	18" x 18" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	1,184.53	102.63
26 27 16 00-0130	EA	24" x 16" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	1,553.46	118.04
26 27 16 00-0131	EA	24" x 24" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	1,752.01	128.30

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0132		8" Depth, Screw Cover, Galvanized Steel NEMA 12 Enclosures *(26 27 16 00-0112)*		
26 27 16 00-0133	EA	24" x 18" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure	1,618.92	130.86
26 27 16 00-0134	EA	24" x 24" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure	1,866.84	141.12
26 27 16 00-0135	EA	30" x 24" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure	2,052.80	148.82
26 27 16 00-0136	EA	30" x 30" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure	2,264.46	153.95
26 27 16 00-0137	EA	36" x 24" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure	2,233.04	153.95
26 27 16 00-0138		NEMA 3 Enclosures, Lockable *(26 27 16)*		
		Note: Can be used underground or encased in concrete.		
26 27 16 00-0139		2" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures *(26 27 16 00-0138)*		
26 27 16 00-0140	EA	4" x 4" x 2" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	346.11	89.81
26 27 16 00-0141		3" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures *(26 27 16 00-0138)*		
26 27 16 00-0142	EA	4" x 4" x 3" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	372.46	89.81
26 27 16 00-0143	EA	5" x 5" x 3" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	478.61	93.01
26 27 16 00-0144	EA	6" x 4" x 3" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	496.54	93.01
26 27 16 00-0145	EA	6" x 6" x 3" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	626.36	96.22
26 27 16 00-0146		4" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures *(26 27 16 00-0138)*		
26 27 16 00-0147	EA	4" x 4" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	473.77	93.01
26 27 16 00-0148	EA	5" x 5" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	520.64	93.01
26 27 16 00-0149	EA	6" x 4" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	542.81	96.22
26 27 16 00-0150	EA	6" x 6" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	686.80	96.22
26 27 16 00-0151	EA	8" x 6" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	755.38	102.63
26 27 16 00-0152	EA	8" x 8" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	813.29	109.05
26 27 16 00-0153	EA	10" x 6" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	847.54	109.05
26 27 16 00-0154	EA	10" x 8" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,010.06	112.25
26 27 16 00-0155	EA	12" x 6" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,096.58	115.46
26 27 16 00-0156	EA	12" x 12" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,505.13	128.30
26 27 16 00-0157		6" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures *(26 27 16 00-0138)*		
26 27 16 00-0158	EA	6" x 6" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	725.65	99.43
26 27 16 00-0159	EA	8" x 6" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	916.15	112.25
26 27 16 00-0160	EA	8" x 8" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,075.52	115.46
26 27 16 00-0161	EA	10" x 8" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,241.36	118.68
26 27 16 00-0162	EA	10" x 10" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,322.14	118.68
26 27 16 00-0163	EA	12" x 8" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,504.70	128.30
26 27 16 00-0164	EA	12" x 12" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,741.04	144.33
26 27 16 00-0165	EA	16" x 6" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,640.31	137.92
26 27 16 00-0166	EA	18" x 12" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	3,190.66	256.60
26 27 16 00-0167	EA	18" x 18" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	5,544.45	320.74
26 27 16 00-0168		8" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures *(26 27 16 00-0138)*		
26 27 16 00-0169	EA	8" x 8" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,334.33	121.88
26 27 16 00-0170	EA	12" x 8" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	2,009.66	160.36
26 27 16 00-0171	EA	12" x 12" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	2,042.65	160.36
26 27 16 00-0172	EA	16" x 12" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	2,764.18	240.55
26 27 16 00-0173	EA	18" x 12" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	3,648.92	256.60
26 27 16 00-0174	EA	24" x 24" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	9,287.02	449.04
26 27 16 00-0175		10" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures *(26 27 16 00-0138)*		
26 27 16 00-0176	EA	18" x 12" x 10" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	4,868.33	320.74
26 27 16 00-0177		12" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures *(26 27 16 00-0138)*		
26 27 16 00-0178	EA	18" x 18" x 12" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	7,502.26	384.88
26 27 16 00-0179	EA	24" x 12" x 12" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	6,164.84	352.82
26 27 16 00-0180		NEMA 3R Enclosures, Lockable *(26 27 16)*		
		Note: Rain-tight enclosures.		
26 27 16 00-0181		Hinged Cover, Galvanized Steel NEMA 3R Enclosures *(26 27 16 00-0180)*		
26 27 16 00-0182		4" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures *(26 27 16 00-0181)*		
26 27 16 00-0183	EA	6" x 4" x 4" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	109.49	25.66
26 27 16 00-0184	EA	6" x 6" x 4" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	120.91	28.23
26 27 16 00-0185	EA	8" x 6" x 4" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	180.54	30.79

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0186		**6" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures** *(26 27 16 00-0181)*		
26 27 16 00-0187	EA	12" x 10" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	298.27	48.75
26 27 16 00-0188	EA	12" x 12" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	322.66	51.32
26 27 16 00-0189	EA	16" x 12" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	420.10	66.71
26 27 16 00-0190	EA	16" x 16" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	502.02	82.11
26 27 16 00-0191	EA	18" x 18" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	572.15	102.63
26 27 16 00-0192		**8" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures** *(26 27 16 00-0181)*		
26 27 16 00-0193	EA	24" x 20" x 8" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	872.59	130.86
26 27 16 00-0194	EA	24" x 24" x 8" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	968.34	141.12
26 27 16 00-0195	EA	30" x 24" x 8" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,091.51	148.82
26 27 16 00-0196	EA	30" x 30" x 8" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,148.41	153.95
26 27 16 00-0197		**10" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures** *(26 27 16 00-0181)*		
26 27 16 00-0198	EA	12" x 48" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,082.45	159.08
26 27 16 00-0199	EA	12" x 54" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,222.79	179.62
26 27 16 00-0200	EA	12" x 60" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,353.70	198.86
26 27 16 00-0201	EA	12" x 66" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,491.47	219.39
26 27 16 00-0202	EA	12" x 72" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,623.68	238.63
26 27 16 00-0203	EA	18" x 18" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	701.47	125.73
26 27 16 00-0204	EA	24" x 24" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,082.45	159.08
26 27 16 00-0205	EA	30" x 24" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,285.18	164.22
26 27 16 00-0206	EA	36" x 36" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,631.02	179.62
26 27 16 00-0207		**12" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures** *(26 27 16 00-0181)*		
26 27 16 00-0208	EA	12" x 48" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,053.95	127.02
26 27 16 00-0209	EA	12" x 54" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,181.73	142.41
26 27 16 00-0210	EA	12" x 60" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,308.24	157.80
26 27 16 00-0211	EA	12" x 66" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,447.01	174.48
26 27 16 00-0212	EA	12" x 72" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,574.79	189.88
26 27 16 00-0213	EA	18" x 24" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	787.40	94.94
26 27 16 00-0214	EA	18" x 32" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,053.95	127.02
26 27 16 00-0215	EA	18" x 36" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,181.73	142.41
26 27 16 00-0216	EA	18" x 42" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,391.38	166.79
26 27 16 00-0217	EA	18" x 48" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,574.79	189.88
26 27 16 00-0218	EA	30" x 30" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,495.75	187.31
26 27 16 00-0219	EA	36" x 24" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,574.79	189.88
26 27 16 00-0220	EA	36" x 30" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,659.58	195.01
26 27 16 00-0221	EA	36" x 36" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,850.37	205.27
26 27 16 00-0222	EA	42" x 30" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	2,007.92	215.54
26 27 16 00-0223		**Screw Cover, Galvanized Steel NEMA 3R Enclosures** *(26 27 16 00-0180)*		
26 27 16 00-0224		**4" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures** *(26 27 16 00-0223)*		
26 27 16 00-0225	EA	4" x 4" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	79.30	20.52
26 27 16 00-0226	EA	6" x 4" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	95.63	25.66
26 27 16 00-0227	EA	6" x 6" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	105.63	28.23
26 27 16 00-0228	EA	8" x 6" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	117.25	30.79
26 27 16 00-0229	EA	8" x 8" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	136.11	35.93
26 27 16 00-0230	EA	10" x 8" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	148.52	38.49
26 27 16 00-0231	EA	10" x 10" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	162.07	41.06
26 27 16 00-0232	EA	12" x 8" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	161.30	41.06
26 27 16 00-0233	EA	12" x 10" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	176.64	43.62
26 27 16 00-0234	EA	12" x 12" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	190.19	46.19
26 27 16 00-0235	EA	18" x 12" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	286.82	71.85
26 27 16 00-0236	EA	18" x 18" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	383.47	92.37
26 27 16 00-0237		**6" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures** *(26 27 16 00-0223)*		
26 27 16 00-0238	EA	6" x 6" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	109.61	30.79
26 27 16 00-0239	EA	8" x 8" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	150.58	38.49
26 27 16 00-0240	EA	10" x 8" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	170.58	43.62
26 27 16 00-0241	EA	10" x 10" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	185.19	46.19
26 27 16 00-0242	EA	12" x 8" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	184.05	46.19
26 27 16 00-0243	EA	12" x 10" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	199.59	48.75
26 27 16 00-0244	EA	12" x 12" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	215.27	51.32
26 27 16 00-0245	EA	16" x 12" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	281.02	66.71
26 27 16 00-0246	EA	18" x 12" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	322.74	79.55
26 27 16 00-0247	EA	18" x 18" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	431.65	102.63
26 27 16 00-0248	EA	24" x 12" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	449.70	110.33
26 27 16 00-0249	EA	24" x 18" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	516.29	118.04
26 27 16 00-0250	EA	24" x 24" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	582.89	128.30
26 27 16 00-0251		**8" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures** *(26 27 16 00-0223)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0252	EA	12" x 12" x 8", Screw Cover, Galvanized Steel NEMA 3R Enclosure	241.23	56.45
26 27 16 00-0253	EA	18" x 12" x 8", Screw Cover, Galvanized Steel NEMA 3R Enclosure	347.81	87.24
26 27 16 00-0254	EA	18" x 18" x 8", Screw Cover, Galvanized Steel NEMA 3R Enclosure	477.76	112.90
26 27 16 00-0255	EA	24" x 18" x 8", Screw Cover, Galvanized Steel NEMA 3R Enclosure	571.21	130.86
26 27 16 00-0256	EA	24" x 24" x 8", Screw Cover, Galvanized Steel NEMA 3R Enclosure	648.28	141.12
26 27 16 00-0257	EA	30" x 24" x 8", Screw Cover, Galvanized Steel NEMA 3R Enclosure	722.50	148.82
26 27 16 00-0258		**10" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures** *(26 27 16 00-0223)*		
26 27 16 00-0259	EA	18" x 18" x 10" Screw Cover, Galvanized Steel NEMA 3R Enclosure	526.74	125.73
26 27 16 00-0260	EA	24" x 24" x 10" Screw Cover, Galvanized Steel NEMA 3R Enclosure	711.75	159.08
26 27 16 00-0261	EA	30" x 24" x 10" Screw Cover, Galvanized Steel NEMA 3R Enclosure	783.83	164.22
26 27 16 00-0262		**12" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures** *(26 27 16 00-0223)*		
26 27 16 00-0263	EA	24" x 24" x 12" Screw Cover, Galvanized Steel NEMA 3R Enclosure	786.64	174.48
26 27 16 00-0264	EA	30" x 30" x 12" Screw Cover, Galvanized Steel NEMA 3R Enclosure	1,110.94	189.88
26 27 16 00-0265	EA	36" x 30" x 12" Screw Cover, Galvanized Steel NEMA 3R Enclosure	1,148.53	195.01
26 27 16 00-0266	EA	36" x 36" x 12" Screw Cover, Galvanized Steel NEMA 3R Enclosure	1,349.80	205.27
26 27 16 00-0267		**NEMA 4 Enclosures, Lockable** *(26 27 16)*		
		Note: Water-tight enclosures.		
26 27 16 00-0268		**Hinge Cover, Painted Steel NEMA 4 Enclosures** *(26 27 16 00-0267)*		
26 27 16 00-0269	EA	12" x 10" x 5" Hinge Cover, Painted Steel NEMA 4 Enclosure	269.48	46.19
26 27 16 00-0270	EA	10" x 8" x 6" Hinge Cover, Painted Steel NEMA 4 Enclosure	249.04	43.62
26 27 16 00-0271	EA	12" x 12" x 6" Hinge Cover, Painted Steel NEMA 4 Enclosure	290.39	51.32
26 27 16 00-0272	EA	14" x 12" x 6" Hinge Cover, Painted Steel NEMA 4 Enclosure	341.55	59.01
26 27 16 00-0273	EA	16" x 14" x 6" Hinge Cover, Painted Steel NEMA 4 Enclosure	414.31	74.42
26 27 16 00-0274		**NEMA 4X Enclosures, Lockable** *(26 27 16)*		
		Note: Water-tight enclosures.		
26 27 16 00-0275		**Clamp Cover, 304 Stainless Steel NEMA 4X Enclosures** *(26 27 16 00-0274)*		
26 27 16 00-0276	EA	10" x 8" x 4", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	747.87	38.49
		For 316 Stainless Steel, Add	*104.26*	
26 27 16 00-0277	EA	12" x 10" x 6", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	1,054.07	48.75
		For 316 Stainless Steel, Add	*149.15*	
26 27 16 00-0278	EA	14" x 12" x 6", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	1,314.76	59.01
		For 316 Stainless Steel, Add	*186.76*	
26 27 16 00-0279	EA	16" x 14" x 6", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	1,583.71	74.42
		For 316 Stainless Steel, Add	*223.63*	
26 27 16 00-0280		**Screw Cover, Polycarbonate NEMA 4X Enclosures** *(26 27 16 00-0274)*		
		Note: NEMA 3R, 4, 4X and 12 rated.		
26 27 16 00-0281	EA	6" x 6" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	155.71	28.23
26 27 16 00-0282	EA	8" x 6" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	175.57	30.79
26 27 16 00-0283	EA	8" x 8" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	200.73	35.93
26 27 16 00-0284	EA	10" x 8" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	218.34	38.49
26 27 16 00-0285	EA	12" x 10" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	252.45	43.62
26 27 16 00-0286	EA	10" x 8" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	236.76	43.62
26 27 16 00-0287	EA	12" x 10" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	276.42	48.75
26 27 16 00-0288	EA	14" x 12" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	346.95	59.01
26 27 16 00-0289	EA	16" x 14" x 8" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	441.80	80.83
26 27 16 00-0290	EA	18" x 16" x 10" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	565.71	116.36
26 27 16 00-0291	EA	6" x 6" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	168.05	28.23
26 27 16 00-0292	EA	8" x 6" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	190.14	30.79
26 27 16 00-0293	EA	8" x 8" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	216.41	35.93
26 27 16 00-0294	EA	10" x 8" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	237.38	38.49
26 27 16 00-0295	EA	12" x 10" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	272.61	43.62
26 27 16 00-0296	EA	10" x 8" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	255.82	43.62
26 27 16 00-0297	EA	12" x 10" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	302.26	48.75
26 27 16 00-0298	EA	14" x 12" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	360.40	59.01
26 27 16 00-0299	EA	16" x 14" x 8" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	469.82	80.83
26 27 16 00-0300	EA	18" x 16" x 10" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	595.95	116.36
26 27 16 00-0301		**Hinged Cover, Polycarbonate NEMA 4X Enclosures** *(26 27 16 00-0274)*		
		Note: NEMA 3R, 4, 4X and 12 rated.		
26 27 16 00-0302	EA	6" x 6" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	190.45	28.23
26 27 16 00-0303	EA	8" x 6" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	203.58	30.79
26 27 16 00-0304	EA	8" x 8" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	230.97	35.93
26 27 16 00-0305	EA	10" x 8" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	249.71	38.49
26 27 16 00-0306	EA	12" x 10" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	296.15	43.62
26 27 16 00-0307	EA	10" x 8" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	271.50	43.62
26 27 16 00-0308	EA	12" x 10" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	334.74	48.75
26 27 16 00-0309	EA	14" x 12" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	397.38	59.01
26 27 16 00-0310	EA	16" x 14" x 8" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	485.51	80.83
26 27 16 00-0311	EA	18" x 16" x 10" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	622.84	116.36

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0312	EA	6" x 6" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	199.41	28.23
26 27 16 00-0313	EA	8" x 6" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	220.38	30.79
26 27 16 00-0314	EA	8" x 8" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	246.65	35.93
26 27 16 00-0315	EA	10" x 8" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	266.51	38.49
26 27 16 00-0316	EA	12" x 10" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	318.56	43.62
26 27 16 00-0317	EA	10" x 8" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	290.54	43.62
26 27 16 00-0318	EA	12" x 10" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	358.27	48.75
26 27 16 00-0319	EA	14" x 12" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	408.58	59.01
26 27 16 00-0320	EA	16" x 14" x 8" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	522.47	80.83
26 27 16 00-0321	EA	18" x 16" x 10" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	662.06	116.36

26 27 16 00-0322 Breaker Enclosures *(26 27 16)*

See CSI section 26 24 16 00-0001 for lighting and power panel boards.

26 27 16 00-0323 15 To 100 Amperes, F-Frame Breaker Enclosures *(26 27 16 00-0322)*

26 27 16 00-0324	EA	NEMA 1, Painted Steel, 15 To 100 Amperes, F-Frame Breaker Enclosure	418.79	102.63
26 27 16 00-0325	EA	NEMA 3R, Painted Steel, 15 To 100 Amperes, F-Frame Breaker Enclosure	770.15	102.63
26 27 16 00-0326	EA	NEMA 3/3R/4/4X/5/12, Stainless Steel, 15 To 100 Amperes, F-Frame Breaker Enclosure	1,898.91	141.12
26 27 16 00-0327	EA	NEMA 7, Cast Aluminum, 15 To 100 Amperes, F-Frame Breaker Enclosure	2,574.18	153.95
26 27 16 00-0328	EA	NEMA 9, Cast Aluminum, 15 To 100 Amperes, F-Frame Breaker Enclosure	1,877.12	153.95
26 27 16 00-0329	EA	NEMA 12, Painted Steel, 15 To 100 Amperes, F-Frame Breaker Enclosure	660.74	141.12

26 27 16 00-0330 15 To 250 Amperes, H Or J-Frame Breaker Enclosures *(26 27 16 00-0322)*

26 27 16 00-0331	EA	NEMA 1, Painted Steel, 15 To 250 Amperes, H Or J-Frame Breaker Enclosure	668.61	141.12
26 27 16 00-0332	EA	NEMA 3R, Painted Steel, 15 To 250 Amperes, H Or J-Frame Breaker Enclosure	1,231.26	141.12
26 27 16 00-0333	EA	NEMA 3/3R/4/4X/5/12, Stainless Steel, 15 To 250 Amperes, H Or J-Frame Breaker Enclosure	4,206.01	179.62
26 27 16 00-0334	EA	NEMA 12, Painted Steel, 15 To 250 Amperes, H Or J-Frame Breaker Enclosure	1,016.72	179.62

26 27 16 00-0335 125 To 400 Amperes, L-Frame Breaker Enclosures *(26 27 16 00-0322)*

26 27 16 00-0336	EA	NEMA 1, Painted Steel, 125 To 400 Amperes, L-Frame Breaker Enclosure	1,046.88	282.25
26 27 16 00-0337	EA	NEMA 3R, Painted Steel, 125 To 400 Amperes, L-Frame Breaker Enclosure	2,434.32	282.25
26 27 16 00-0338	EA	NEMA 3/3R/4/4X/5/12, Stainless Steel, 125 To 400 Amperes, L-Frame Breaker Enclosure	7,127.57	359.23
26 27 16 00-0339	EA	NEMA 12, Painted Steel, 125 To 400 Amperes, L-Frame Breaker Enclosure	1,738.50	359.23

26 27 16 00-0340 300 To 800 Amperes, M-Frame Breaker Enclosures *(26 27 16 00-0322)*

26 27 16 00-0341	EA	NEMA 1, Painted Steel, 300 To 800 Amperes, M-Frame Breaker Enclosure	2,050.46	538.85
26 27 16 00-0342	EA	NEMA 3R, Painted Steel, 300 To 800 Amperes, M-Frame Breaker Enclosure	3,516.88	538.85
26 27 16 00-0343	EA	NEMA 3/3R/4/4X/5/12, Stainless Steel, 300 To 800 Amperes, M-Frame Breaker Enclosure	12,824.20	692.80
26 27 16 00-0344	EA	NEMA 12, Painted Steel, 300 To 800 Amperes, M-Frame Breaker Enclosure	6,941.59	692.80

26 27 16 00-0345 250 To 1,200 Amperes, P-Frame Breaker Enclosures *(26 27 16 00-0322)*

26 27 16 00-0346	EA	NEMA 1, Painted Steel, 250 To 1,200 Amperes, P-Frame Breaker Enclosure	2,501.23	538.85
26 27 16 00-0347	EA	NEMA 3R, Painted Steel, 250 To 1,200 Amperes, P-Frame Breaker Enclosure	4,229.75	538.85
26 27 16 00-0348	EA	NEMA 3R/5/12, Painted Steel, 250 To 1,200 Amperes, P-Frame Breaker Enclosure	8,726.60	692.80

26 27 16 00-0349 Legend Plates *(26 27 16)*

26 27 16 00-0350	EA	3" Phenolic Plastic Cabinet Legend Plate Engraved With 1/2" Letters	22.32	6.41
26 27 16 00-0351	EA	3" Engraved Aluminum Cabinet Legend Plate Engraved With 1/2" Letters	29.78	6.41

26 27 19 Multi-Outlet Assemblies *(26 27)*

26 27 19 00-0001 Surface Metal Raceway, Preassembled With Outlets *(26 27 19)*

Note: Exposed installations on masonry, concrete block or drywall walls or ceilings. (Wiremold or approved equal).

26 27 19 00-0002	LF	Single Circuit, Plugmold #2000, 3' With Outlets 6" On Center	29.35	9.37
		For Concrete Or Masonry Surface, Add	*0.94*	
26 27 19 00-0003	LF	Single Circuit, Plugmold #2000, 6' With Outlets 6" On Center	22.61	6.67
		For Concrete Or Masonry Surface, Add	*0.67*	
26 27 19 00-0004	LF	Single Circuit, Plugmold #2000, 6' With Outlets 9" On Center	21.47	7.05
		For Concrete Or Masonry Surface, Add	*0.70*	
26 27 19 00-0005	LF	Single Circuit, Plugmold #2000, 6' With Outlets 12" On Center	23.40	6.67
		For Concrete Or Masonry Surface, Add	*0.67*	
26 27 19 00-0006	LF	Single Circuit, Plugmold #2000, 6' With Outlets 18" On Center	19.33	6.80
		For Concrete Or Masonry Surface, Add	*0.68*	
26 27 19 00-0007	LF	Two Circuits, Plugmold #2000, 6' With Outlets 9" On Center	25.99	6.67
		For Concrete Or Masonry Surface, Add	*0.67*	
26 27 19 00-0008	LF	Two Circuits, Plugmold #2000, 6' With Outlets 12" On Center	23.16	6.67
		For Concrete Or Masonry Surface, Add	*0.67*	
26 27 19 00-0009	LF	Two Circuits, Plugmold #2000, 6' With Outlets 18" On Center	24.87	6.67
		For Concrete Or Masonry Surface, Add	*0.67*	

26 27 23 Indoor Service Poles *(26 27)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 23 00-0001		**Communication And Power Poles** *(26 27 23)* Note: Includes separate compartments for power and communication cable. Includes removable cover plates with knock-outs for modular jacks and openings to accept modular furniture adapters for communication devices. Includes all necessary mounting plates and assemblies. Excludes electrical and communications wire, power outlets and communication devices. Wiremold Tele-Power Pole series.		
26 27 23 00-0002		**Steel Communication And Power Poles** *(26 27 23 00-0001)*		
26 27 23 00-0003		**2-1/4" Width, Steel Communication And Power Poles** *(26 27 23 00-0002)*		
26 27 23 00-0004		**2-1/4" Width, Steel Communication And Power Poles** *(26 27 23 00-0003)*		
26 27 23 00-0005	EA	2-1/4" x 2-5/16", 10'-5" Height, Enamel Finish, Steel Communication And Power Pole	335.06	56.85
26 27 23 00-0006	EA	2-1/4" x 2-5/16", 12'-5" Height, Enamel Finish, Steel Communication And Power Pole	363.81	56.85
26 27 23 00-0007	EA	2-1/4" x 2-5/16", 15'-5" Height, Enamel Finish, Steel Communication And Power Pole	397.07	56.85
26 27 23 00-0008		**Additional Cover Plates For 2-1/4" Width, Steel Communication And Power Poles** *(26 27 23 00-0003)* Note: Excludes receptacles, communication jacks and wiring.		
26 27 23 00-0009	EA	Add-On 2-1/4" Width Steel Cover Plate For Two Duplex Receptacles And One Single Receptacle	68.61	11.72
26 27 23 00-0010	EA	Add-On 2-1/4" Width Steel Cover Plate For Three Duplex Receptacles	59.53	11.72
26 27 23 00-0011	EA	Add-On 2-1/4" Width Steel Cover Plate For Two Duplex Receptacles And One GFCI Receptacle	67.35	11.72
26 27 23 00-0012	EA	Add-On 2-1/4" Width Steel Cover Plate For Data And A/V Modular Devices	50.01	11.72
26 27 23 00-0013	EA	Add-On 2-1/4" Width Steel Cover Plate Radius Control Entrance End Fitting	41.26	11.72
26 27 23 00-0014		**2-3/4" Width, Steel Communication And Power Poles** *(26 27 23 00-0002)*		
26 27 23 00-0015		**2-3/4" Width, Steel Communication And Power Poles** *(26 27 23 00-0014)*		
26 27 23 00-0016	EA	2-3/4" x 1-17/32", 10'-5" Height, Enamel Finish, Steel Communication And Power Pole	433.67	56.85
26 27 23 00-0017	EA	2-3/4" x 1-17/32", 12'-5" Height, Enamel Finish, Steel Communication And Power Pole	495.48	56.85
26 27 23 00-0018	EA	2-3/4" x 1-17/32", 15'-5" Height, Enamel Finish, Steel Communication And Power Pole	528.83	56.85
26 27 23 00-0019		**Additional Cover Plates For 2-3/4" Width, Steel Communication And Power Poles** *(26 27 23 00-0014)* Note: Excludes receptacles and communication jacks.		
26 27 23 00-0020	EA	Add-On 2-3/4" Width Steel Cover Plate For One Single Receptacle	46.14	11.72
26 27 23 00-0021	EA	Add-On 2-3/4" Width Steel Cover Plate For One Duplex Receptacle	41.53	11.72
26 27 23 00-0022	EA	Add-On 2-3/4" Width Steel Cover Plate For Data And A/V Modular Devices	44.83	11.72
26 27 23 00-0023		**3" Width, Steel Communication And Power Poles** *(26 27 23 00-0002)*		
26 27 23 00-0024		**3" Width, Steel Communication And Power Poles** *(26 27 23 00-0023)*		
26 27 23 00-0025	EA	3" x 2-3/4", 10'-5" Height, Enamel Finish, Steel Communication And Power Pole	564.64	56.85
26 27 23 00-0026	EA	3" x 2-3/4", 12'-5" Height, Enamel Finish, Steel Communication And Power Pole	639.04	56.85
26 27 23 00-0027	EA	3" x 2-3/4", 15'-5" Height, Enamel Finish, Steel Communication And Power Pole	688.07	56.85
26 27 23 00-0028		**Additional Cover Plates For 3" Width, Steel Communication And Power Poles** *(26 27 23 00-0023)* Note: Excludes receptacles and communication jacks.		
26 27 23 00-0029	EA	Add-On 3" Width Steel Steel Cover Plate For One Single Receptacle	46.14	11.72
26 27 23 00-0030	EA	Add-On 3" Width Steel Cover Plate For One Duplex Receptacle	41.53	11.72
26 27 23 00-0031	EA	Add-On 3" Width Steel Cover Plate For Data And A/V Modular Devices	44.83	11.72
26 27 23 00-0032		**Aluminum Communication And Power Poles** *(26 27 23 00-0001)*		
26 27 23 00-0033		**2-1/8" Width, Aluminum Communication And Power Poles** *(26 27 23 00-0032)*		
26 27 23 00-0034		**2-1/8" Width, Aluminum Communication And Power Poles** *(26 27 23 00-0033)*		
26 27 23 00-0035	EA	2-1/8" x 2-3/8", 10'-5" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	453.02	56.85
26 27 23 00-0036	EA	2-1/8" x 2-3/8", 12'-5" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	505.04	56.85
26 27 23 00-0037	EA	2-1/8" x 2-3/8", 15'-5" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	563.34	56.85
26 27 23 00-0038		**Additional Cover Plates For 2-1/8" Width, Aluminum Communication And Power Poles** *(26 27 23 00-0033)*		
26 27 23 00-0039	EA	Add-On 2-1/8" Width Aluminum Cover Plate For Two Duplex Receptacles And One Single Receptacle	70.38	11.72
26 27 23 00-0040	EA	Add-On 2-1/8" Width Aluminum Cover Plate For Three Duplex Receptacles	71.85	11.72
26 27 23 00-0041	EA	Add-On 2-1/8" Width Aluminum Cover Plate For Two Duplex Receptacles And One GFCI Receptacle	76.74	11.72
26 27 23 00-0042	EA	Add-On 2-1/8" Width Aluminum Cover Plate For Data And A/V Modular Devices	52.75	11.72
26 27 23 00-0043	EA	Add-On 2-1/8" Width Aluminum Radius Control Entrance End Fitting	41.26	11.72
26 27 23 00-0044		**2-1/4" Width, Aluminum Communication And Power Poles** *(26 27 23 00-0032)*		
26 27 23 00-0045	EA	2-1/4" x 2-5/16", 10'-2" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	436.78	56.85
26 27 23 00-0046	EA	2-1/4" x 2-5/16", 12'-8" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	490.13	56.85
26 27 23 00-0047	EA	2-1/4" x 2-5/16", 15'-2" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	552.97	56.85

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 23 00-0048		5" Width, Aluminum Communication And Power Poles *(26 27 23 00-0032)*		
26 27 23 00-0049	EA	5" x 4-3/4", 10'-2" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	911.94	56.85
26 27 23 00-0050	EA	5" x 4-3/4", 12'-8" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	1,042.77	56.85
26 27 23 00-0051	EA	5" x 4-3/4", 15'-2" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	1,189.30	56.85
26 27 23 00-0052		2" Diameter, Round Aluminum Communication And Power Pole *(26 27 23 00-0032)*		
26 27 23 00-0053	EA	2" Diameter, 10'-4" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	496.40	56.85
26 27 23 00-0054	EA	2" Diameter, 10'-4" Height, Painted White Finish, Aluminum Communication And Power Pole	470.04	56.85
26 27 23 00-0055	EA	2" Diameter, 10'-4" Height, Polished Anodized Finish, Aluminum Communication And Power Pole	601.62	56.85
26 27 26		**Wiring Devices** *(26 27)*		
		Note: Includes device, installation, wire connections, support clips (where necessary) and testing. Assemblies include outlet device, cover plate, mounting and appropriate box.		
26 27 26 00-0001		Receptacles *(26 27 26)*		
26 27 26 00-0002		General Use Receptacles *(26 27 26 00-0001)*		
26 27 26 00-0003		Receptacle Assemblies *(26 27 26 00-0002)*		
		Note: Includes 4" square steel box, bracket, mud ring, receptacle and cover plate.		
26 27 26 00-0004	EA	15 Amperes, 1 Gang, NEMA 5-15, Duplex Receptacle Assembly	101.08	45.55
26 27 26 00-0005	EA	20 Amperes, 1 Gang, NEMA 5-20, Duplex Receptacle Assembly	108.45	48.75
26 27 26 00-0006	EA	15 Amperes, 2 Gang, NEMA 5-15, Duplex Receptacle Assembly	130.62	58.37
26 27 26 00-0007	EA	20 Amperes, 2 Gang, NEMA 5-20, Duplex Receptacle Assembly	145.36	64.79
26 27 26 00-0008	EA	15 Amperes, 1 Gang, GFI, Duplex Receptacle Assembly	114.03	45.55
26 27 26 00-0009	EA	20 Amperes, 1 Gang, GFI, Duplex Receptacle Assembly	122.09	48.75
26 27 26 00-0010		Receptacle Components *(26 27 26 00-0002)*		
26 27 26 00-0011	EA	15 Amperes, 125 Volt, 1 Phase, NEMA 5-15, Single Receptacle	29.19	12.83
26 27 26 00-0012	EA	15 Amperes, 125 Volt, 1 Phase, NEMA 5-15, Duplex Receptacle	28.44	12.83
26 27 26 00-0013	EA	15 Amperes, 120/277 Volt, 3 Wire, Single Receptacle	32.89	12.83
26 27 26 00-0014	EA	15 Amperes, 120/277 Volt, 3 Wire, Duplex Receptacle	35.47	12.83
26 27 26 00-0015	EA	15 Amperes, 250 Volt, 1 Phase, NEMA 6-15, Single Receptacle	45.17	16.03
26 27 26 00-0016	EA	15 Amperes, 250 Volt, 1 Phase, NEMA 6-15, Duplex Receptacle	53.63	16.03
26 27 26 00-0017	EA	20 Amperes, 125 Volt, 1 Phase, NEMA 5-20, Single Receptacle	30.19	12.83
26 27 26 00-0018	EA	20 Amperes, 125 Volt, 1 Phase, NEMA 5-20, Duplex Receptacle	29.39	12.83
26 27 26 00-0019	EA	20 Amperes, 120/277 Volt, Single Receptacle	41.01	12.83
26 27 26 00-0020	EA	20 Amperes, 120/277 Volt, Duplex Receptacle	34.66	12.83
26 27 26 00-0021	EA	20 Amperes, 250 Volt, 1 Phase, NEMA 6-20, Single Receptacle	45.17	16.03
26 27 26 00-0022	EA	20 Amperes, 250 Volt, 1 Phase, NEMA 6-20, Duplex Receptacle	53.63	16.03
26 27 26 00-0023	EA	20 Amperes, 125/250 Volt, 1 Phase, NEMA 14-20, Single Receptacle	80.77	16.03
26 27 26 00-0024	EA	20 Amperes, 250 Volt, 3 Phase, NEMA 15-20, Single Receptacle	80.77	16.03
26 27 26 00-0025	EA	25 Amperes, 120/277 Volt, Duplex Receptacle	69.76	19.24
26 27 26 00-0026		Specialty Receptacles *(26 27 26 00-0001)*		
26 27 26 00-0027		Specialty Receptacles *(26 27 26 00-0026)*		
26 27 26 00-0028	EA	30 Amperes, 125 Volt, 1 Phase, NEMA 5-30, Single Receptacle	64.10	22.45
26 27 26 00-0029	EA	30 Amperes, 250 Volt, 1 Phase, NEMA 6-30, Single Receptacle	64.10	22.45
26 27 26 00-0030	EA	30 Amperes, 125/250 Volt, NEMA 10-30, Single Receptacles	87.99	22.45
26 27 26 00-0031	EA	30 Amperes, 125/250 Volt, 1 Phase, NEMA 14-30, Single Receptacle	93.59	22.45
26 27 26 00-0032	EA	30 Amperes, 250 Volt, 3 Phase, NEMA 15-30, Single Receptacle	100.01	25.66
26 27 26 00-0033	EA	50 Amperes, 125 Volt, 1 Phase, NEMA 5-50, Single Receptacle	92.97	25.66
26 27 26 00-0034	EA	50 Amperes, 250 Volt, 1 Phase, NEMA 6-50, Single Receptacle	90.99	25.66
26 27 26 00-0035	EA	50 Amperes, 277 Volt, NEMA 7-50, Single Receptacle	80.77	25.66
26 27 26 00-0036	EA	50 Amperes, 125/250 Volt, NEMA 10-50, Single Receptacle	106.49	25.66
26 27 26 00-0037	EA	50 Amperes, 125/250 Volt, 1 Phase, NEMA 14-50, Single Receptacle	110.83	25.66
26 27 26 00-0038	EA	50 Amperes, 250 Volt, 3 Phase, NEMA 15-50, Single Receptacle	117.24	28.87
26 27 26 00-0039	EA	60 Amperes, 125/250 Volt, 1 Phase, NEMA 14-60, Single Receptacle	129.05	32.08
26 27 26 00-0040	EA	60 Amperes, 250 Volt, 3 Phase, NEMA 15-60, Single Receptacle	141.89	38.49
26 27 26 00-0041	EA	100 Amperes, 480 Volt, 3 Phase, Joy Receptacle With Box, Complete	1,325.42	301.50
26 27 26 00-0042	EA	400 Amperes, 4 Pole Weatherproof Generator Receptacle With Box, Complete	3,130.76	368.85
26 27 26 00-0043	EA	30 Amperes, 230 Volt, Dryer Receptacle	76.15	25.66
26 27 26 00-0044	EA	60 Amperes, 230 Volt, Range Receptacle	111.76	38.49
26 27 26 00-0045	EA	15 Or 20 Amperes, 120/277 Volt, Clock Hanger Receptacle	69.05	16.03
26 27 26 00-0046	EA	Cable Reel With 20 Amperes, 120 Volt Receptacle, Complete	1,413.65	390.69
26 27 26 00-0047		Isolated Ground Receptacles *(26 27 26 00-0026)*		
26 27 26 00-0048	EA	15 Amperes, 125 Volt, NEMA 5-15R Isolated Ground Receptacle, Simplex Note: 2 Pole, 3 wire.	97.73	12.83
26 27 26 00-0049	EA	20 Amperes, 120 Volt Isolated Ground Receptacles, Simplex	59.42	16.03
26 27 26 00-0050	EA	20 Amperes, 120 Volt Isolated Ground Receptacles, Duplex	59.22	16.03
26 27 26 00-0051	EA	30 Amperes, 120 Volt Isolated Ground Receptacles, Simplex	83.34	25.66
26 27 26 00-0052	EA	Locking 15 Amperes, 250 Volt Isolated Ground Receptacles	65.93	16.03
26 27 26 00-0053	EA	Locking 15 Amperes, 277 Volt Isolated Ground Receptacles	60.86	16.03

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 26 00-0054	EA	Locking 20 Amperes, 120/208 Volt Isolated Ground Receptacles	83.12	19.24
26 27 26 00-0055	EA	Locking 20 Amperes, 277/480 Volt Isolated Ground Receptacles	67.34	19.24
26 27 26 00-0056	EA	Locking 20 Amperes, 347/600 Volt Isolated Ground Receptacles	84.99	19.24
26 27 26 00-0057	EA	Locking 30 Amperes, 120/208 Volt Isolated Ground Receptacles	102.20	19.24
26 27 26 00-0058	EA	Locking 30 Amperes, 277 Volt Isolated Ground Receptacles	102.89	25.66
26 27 26 00-0059		**Explosion Proof Receptacle Assembly** *(26 27 26 00-0026)*		
26 27 26 00-0060	EA	1/2", 20 Amperes, 2 Watt, 3 Pole, Type CPS Explosion Proof Receptacle Assembly	987.14	32.08
26 27 26 00-0061	EA	3/4", 20 Amperes, 2 Watt, 3 Pole, Type CPS Explosion Proof Receptacle Assembly	909.12	35.28
26 27 26 00-0062	EA	3/4", 30 Amperes, 2 Watt, 3 Pole, Type CES/CESD Explosion Proof Receptacle Assembly	1,511.10	64.14
26 27 26 00-0063	EA	3/4", 30 Amperes, 3 Watt, 4 Pole, Type CES/CESD Explosion Proof Receptacle Assembly	1,904.66	64.14
26 27 26 00-0064	EA	1-1/4", 60 Amperes, 2 Watt, 4 Pole, Type CES/CESD Explosion Proof Receptacle Assembly	2,409.03	96.22
26 27 26 00-0065	EA	1-1/4", 60 Amperes, 3 Watt, 4 Pole, Type CES/CESD Explosion Proof Receptacle Assembly	2,295.10	96.22
26 27 26 00-0066		**Ground Fault Circuit Interrupter (GFCI)** *(26 27 26 00-0026)*		
26 27 26 00-0067	EA	15 Amperes, Ground Fault Circuit Interrupter (GFCI), Duplex Receptacle	38.18	16.03
26 27 26 00-0068	EA	20 Amperes, Ground Fault Circuit Interrupter (GFCI), Duplex Receptacle	55.86	19.24
26 27 26 00-0069		**Arc Fault Circuit Interrupter (AFCI)** *(26 27 26 00-0026)*		
26 27 26 00-0070	EA	15 Amperes, 125 Volt Duplex Arc Fault Circuit Interrupter (AFCI), Tamper Resistant Receptacle	66.43	16.03
26 27 26 00-0071	EA	20 Amperes, 125 Volt Duplex Arc Fault Circuit Interrupter (AFCI), Tamper Resistant Receptacle	72.70	16.03
26 27 26 00-0072		**Locking Receptacle** *(26 27 26 00-0026)*		
26 27 26 00-0073	EA	NEMA L5-15, 125 Volt, 2 Pole, 15 Amperes, Locking Receptacle	59.14	16.03
26 27 26 00-0074	EA	NEMA L6-15, 250 Volt, 2 Pole, 15 Amperes, Locking Receptacle	73.18	16.03
26 27 26 00-0075	EA	NEMA L5-20, 125 Volt, 2 Pole, 20 Amperes, Locking Receptacle	65.39	19.24
26 27 26 00-0076	EA	NEMA L6-20, 250 Volt, 2 Pole, 20 Amperes, Locking Receptacle	64.77	19.24
26 27 26 00-0077	EA	NEMA L8-20, 480 Volt, 2 Pole, 20 Amperes, Locking Receptacle	77.12	19.24
26 27 26 00-0078	EA	NEMA L9-20, 600 Volt, 2 Pole, 20 Amperes, Locking Receptacle	93.09	19.24
26 27 26 00-0079	EA	NEMA L10-20, 125/250 Volt, 3 Pole, 20 Amperes, Locking Receptacle	91.32	19.24
26 27 26 00-0080	EA	NEMA L14-20, 125/250 Volt, 3 Pole, 20 Amperes, Locking Receptacle	79.65	19.24
26 27 26 00-0081	EA	NEMA L5-30, 125 Volt, 2 Pole, 30 Amperes, Locking Receptacle	90.37	25.66
26 27 26 00-0082	EA	NEMA L6-30, 250 Volt, 2 Pole, 30 Amperes, Locking, Receptacle	91.86	25.66
26 27 26 00-0083	EA	NEMA L15-30, 250 Volt, 3 Pole, 30 Amperes, Locking Receptacle	109.86	25.66
26 27 26 00-0084		**Weathertight Pin And Sleeve Receptacle** *(26 27 26 00-0026)*		
26 27 26 00-0085	EA	20 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 320R4W)	292.67	64.14
26 27 26 00-0086	EA	20 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 320R6W)	291.99	64.14
26 27 26 00-0087	EA	20 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 320R7W)	304.81	64.14
26 27 26 00-0088	EA	20 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 420R12W)	372.00	70.57
26 27 26 00-0089	EA	20 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 420R9W)	373.07	70.57
26 27 26 00-0090	EA	20 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 420R7W)	370.60	70.57
26 27 26 00-0091	EA	30 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 330R4W)	444.29	78.90
26 27 26 00-0092	EA	30 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 330R6W)	423.44	78.90
26 27 26 00-0093	EA	30 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 330R7W)	456.08	78.90
26 27 26 00-0094	EA	30 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 430R12W)	460.56	86.60
26 27 26 00-0095	EA	30 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 430R9W)	460.16	86.60
26 27 26 00-0096	EA	30 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 430R7W)	463.11	86.60
26 27 26 00-0097	EA	60 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 360R4W)	648.25	102.63
26 27 26 00-0098	EA	60 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 360R6W)	623.00	102.63
26 27 26 00-0099	EA	60 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 360R7W)	639.44	102.63
26 27 26 00-0100	EA	60 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 460R12W)	712.10	114.18
26 27 26 00-0101	EA	60 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 460R9W)	712.59	114.18
26 27 26 00-0102	EA	60 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 460R7W)	713.07	114.18
26 27 26 00-0103	EA	100 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 3100R6W)	792.58	128.30
26 27 26 00-0104	EA	100 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 3100R7W)	824.95	128.30
26 27 26 00-0105	EA	100 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 4100R12W)	887.46	141.12
26 27 26 00-0106	EA	100 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 4100R9W)	885.03	141.12
26 27 26 00-0107	EA	100 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 4100R7W)	889.60	141.12
26 27 26 00-0108		**Corrosion Resistant Receptacle** *(26 27 26 00-0026)*		
26 27 26 00-0109	EA	15/20 Amperes, 125 Volt Corrosion Resistant, Power Receptacles	70.81	12.83
26 27 26 00-0110	EA	15/20 Amperes, 250 Volt Corrosion Resistant, Power Receptacles	138.77	16.03
26 27 26 00-0111		**Tamper Resistant Receptacle** *(26 27 26 00-0026)*		
26 27 26 00-0112	EA	15 Amperes, 125 Volt Duplex Tamper Resistant Receptacle Note: Pass & Seymour 3232-TR.	31.69	12.83
26 27 26 00-0113	EA	20 Amperes, 125 Volt Duplex Tamper Resistant Receptacle Note: Pass & Seymour TR20.	34.79	12.83
26 27 26 00-0114	EA	15 Amperes, 125 Volt Single Specification Grade Tamper Resistant Receptacle Note: Pass & Seymour TR5251.	43.70	12.83
26 27 26 00-0115	EA	20 Amperes, 125 Volt Single Specification Grade Tamper Resistant Receptacle Note: Pass & Seymour TR5351.	47.87	12.83

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 26 00-0116	EA	15 Amperes, 125 Volt Duplex Ground Fault Circuit Interrupter (GFCI), Tamper Resistant Receptacle Note: Pass & Seymour S1595-TR*CC8.	72.96	12.83
26 27 26 00-0117	EA	15 Amperes, 125 Volt Duplex Ground Fault Circuit Interrupter (GFCI), Specification Grade Tamper Resistant Receptacle Note: Pass & Seymour 1595-TRS.	78.95	12.83
26 27 26 00-0118	EA	20 Amperes, 125 Volt Duplex Ground Fault Circuit Interrupter (GFCI), Specification Grade Tamper Resistant Receptacle Note: Pass & Seymour 2095-TRS.	84.65	12.83
26 27 26 00-0119		**USB Charger/Duplex Tamper-Resistant Receptacles** *(26 27 26 00-0026)*		
26 27 26 00-0120	EA	15 Amperes, 125 Volt Duplex USB Charger/Duplex Tamper-Resistant Receptacle	75.15	12.83
26 27 26 00-0121	EA	20 Amperes, 125 Volt Duplex USB Charger/Duplex Tamper-Resistant Receptacle	81.33	12.83
26 27 26 00-0122		**Television Receptacle** *(26 27 26 00-0001)*		
26 27 26 00-0123	EA	TV Receptacle With Cover (Type F), Complete	78.50	29.76
26 27 26 00-0124		**Switches** *(26 27 26)*		
26 27 26 00-0125		**Switches** *(26 27 26 00-0124)*		
26 27 26 00-0126		**Switch Assemblies** *(26 27 26 00-0125)* Note: Includes 4" square steel box, bracket, mud ring, switch and cover plate.		
26 27 26 00-0127	EA	1 Gang, 15 Amperes, 120/277 Volt, SPST, Switch Assembly	103.97	44.90
26 27 26 00-0128	EA	1 Gang, 20 Amperes, 120/277 Volt, SPST, Switch Assembly	112.13	48.75
26 27 26 00-0129	EA	2 Gang, 15 Amperes, 120/277 Volt, SPST, Switch Assembly	139.59	58.69
26 27 26 00-0130	EA	2 Gang, 20 Amperes, 120/277 Volt, SPST, Switch Assembly	153.35	65.11
26 27 26 00-0131	EA	3 Gang, 15 Amperes, 120/277 Volt, SPST, Switch Assembly	238.34	100.71
26 27 26 00-0132	EA	3 Gang, 20 Amperes, 120/277 Volt, SPST, Switch Assembly	259.00	110.33
26 27 26 00-0133	EA	4 Gang, 15 Amperes, 120/277 Volt, SPST, Switch Assembly	274.11	113.86
26 27 26 00-0134	EA	4 Gang, 20 Amperes, 120/277 Volt, SPST, Switch Assembly	301.64	126.69
26 27 26 00-0135		**Switch Components** *(26 27 26 00-0125)*		
26 27 26 00-0136	EA	15 Amperes, 120/277 Volt, SPST Switch	32.60	12.83
26 27 26 00-0137	EA	15 Amperes, 120/277 Volt, 3-Way Switch	41.20	16.03
26 27 26 00-0138	EA	15 Amperes, 120/277 Volt, 4-Way Switch	77.79	25.66
26 27 26 00-0139	EA	15 Amperes, 120/277 Volt, DPST Switch	36.64	12.83
26 27 26 00-0140	EA	15 Amperes, 120/277 Volt, Thermal Switch	66.59	16.03
26 27 26 00-0141	EA	20 Amperes, 120/277 Volt, SPST Switch	39.49	16.03
26 27 26 00-0142	EA	20 Amperes, 120/277 Volt, 3-Way Switch	48.62	19.24
26 27 26 00-0143	EA	20 Amperes, 120/277 Volt, 4-Way Switch	101.81	25.66
26 27 26 00-0144	EA	20 Amperes, 120/277 Volt, DPST Switch	45.96	16.03
26 27 26 00-0145	EA	20 Amperes, 120/277 Volt, DPDT Switch	48.83	16.03
26 27 26 00-0146	EA	15 Amperes, 120/277 Volt, Single Pole, Toggle, Three Position, Center Off, Momentary Contact Switch	90.08	16.06
26 27 26 00-0147	EA	15 Amperes, 120/277 Volt, Key Operated, Single Pole, Three Position, Center Off, Momentary Contact Switch	113.70	16.06
26 27 26 00-0148	EA	Momentary Contact Switch With Separate Neon Pilot Note: Neon Pilot is 125 V, 1 / 125W.	86.53	19.27
26 27 26 00-0149	EA	20 Amperes, 125 Volt AC, Single Pole, Maintained Contact Switch With Center Off Note: Or 250 VAC 10 Amp, double throw BAT handle.	59.28	22.45
26 27 26 00-0150	EA	20 Amperes, 125 Volt AC, Double Pole, Maintained Contact Switch Note: Or 250 VAC 10 Amp, with center off double throw BAT handle.	72.27	25.66
26 27 26 00-0151	EA	20 Amperes, 125 Volt AC, Three Pole, Maintained Contact Switch Note: Or 250 VAC 10 Amp, with center off double throw BAT handle.	101.87	25.66
26 27 26 00-0152	EA	30 Amperes, 120/277 Volt, Single Pole, Local Switch	90.17	25.70
26 27 26 00-0153	EA	30 Amperes, 120/277 Volt, Double Pole, Local Switch	111.41	25.70
26 27 26 00-0154	EA	30 Amperes, 120/277 Volt, Three-Way Local Switch	116.29	32.13
26 27 26 00-0155	EA	30 Amperes, 120/277 Volt, Four-Way Local Switch	162.74	35.34
26 27 26 00-0156	EA	15 Amperes, 120/277 Volt, Local Switch With Neon Pilot	76.92	21.01
26 27 26 00-0157	EA	15 Amperes, 120/277 Volt, Local Switch With Separate Neon Pilot Note: Neon pilot is 125V, 1/25W. Requires 2 gang installation.	109.28	21.01
26 27 26 00-0158	EA	15 Amperes, 120 Volt, Clear Toggle, Lighted In On Position, Single Pole, Lighted Toggle Switch	95.33	21.01
26 27 26 00-0159	EA	15 Amperes, 120 Volt, Ivory Toggle, Lighted In Off Position, Lighted Toggle Switch	90.53	21.01
26 27 26 00-0160	EA	6 Amperes, 125 Volt, Door Open-Light On, Automatic Door Switch	101.23	10.41
26 27 26 00-0161	EA	6 Amperes, 125 Volt, Door Closed-Light On, Automatic Door Switch	107.74	10.41
26 27 26 00-0162	EA	15 Amperes, 120/277 Volt, Three Position, Center Off, Toggle, Single Pole Momentary Contact Switch	114.11	40.09
26 27 26 00-0163	EA	Three Position, Center Off, Key Operated, Momentary Contact Switch Note: 15A, 120/277 V, Single Pole	137.73	40.09
26 27 26 00-0164	EA	Single Pole, Slide Dimmer (Leviton IP710-LFZ)	165.04	12.85
26 27 26 00-0165	EA	8 Amperes, 120/277 Volt, 0 To 10 Volt Dimmer LED Control Switch, White (Lutron DVSTV-WH)	89.28	12.85
26 27 26 00-0166	EA	120/277 Volt, (8 Amperes Lighting/3 Amperes Fan), Wireless Dimming Switch (Lutron MRF2-8S-DV-WH)	279.63	12.83
26 27 26 00-0167	EA	120 Volt, Companion Wireless Dimmer Switch (Lutron MA-AS-WH)	52.65	12.83
26 27 26 00-0168	EA	1200VA 0-10V LED And Fluorescent, Sunrise Electronic Wall Dimmer (Philips SR1200ZTUNV)	95.16	12.85
26 27 26 00-0169	EA	1 Zone, 2 Button Wireless Scheduling Switch (LG 9SSA2B1T520.ALWB000)	109.24	12.85
26 27 26 00-0170	EA	2 Zone, 4 Button Wireless Scheduling Switch (LG 9SSA2B2T520.ALWB000)	139.94	12.85
26 27 26 00-0171	EA	Wireless Single Rocker Remote Switch (Leviton WSS0S-S9)	169.97	12.85
26 27 26 00-0172		**Specialty Switches** *(26 27 26 00-0124)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 26 00-0173		**Dimmers With SPST Switch** *(26 27 26 00-0172)*		
26 27 26 00-0174	EA	600 Watt Dimmers With SPST Switch	72.74	28.87
26 27 26 00-0175	EA	1,000 Watt Dimmers With SPST Switch	119.57	28.87
26 27 26 00-0176	EA	1,500 Watt Dimmers With SPST Switch	213.86	46.45
26 27 26 00-0177	EA	2,000 Watt Dimmers With SPST Switch	273.62	46.45
26 27 26 00-0178	EA	600 Watt Fluorescent Dimmer Switch	154.59	34.25
26 27 26 00-0179	EA	1,000 Watt Fluorescent Dimmer Switch	206.01	34.25
26 27 26 00-0180	EA	1,500 Watt Fluorescent Dimmer Switch	370.12	51.71
26 27 26 00-0181	EA	Remote Speed Switch For Paddle Fan	118.54	42.72
26 27 26 00-0182	EA	600 Watt Combination Remote Speed Switch/Incandescent Dimmer	193.71	63.76
26 27 26 00-0183		**Time Switches** *(26 27 26 00-0172)*		
26 27 26 00-0184	EA	40 Amperes, 125 Volt, SPST, Standard Time Switch	131.08	38.49
26 27 26 00-0185	EA	40 Amperes, 277 Volt, SPST, Standard Time Switch	133.78	38.49
26 27 26 00-0186	EA	40 Amperes, 125 Volt, DPST, Standard Time Switch	131.08	38.49
26 27 26 00-0187	EA	40 Amperes, 277 Volt, DPST, Standard Time Switch	133.78	38.49
26 27 26 00-0188	EA	40 Amperes, 125 Volt, SPST, 7-Day Time Switch	149.11	38.49
26 27 26 00-0189	EA	40 Amperes, 277 Volt, SPST, 7-Day Time Switch	149.11	38.49
26 27 26 00-0190	EA	40 Amperes, 125 Volt, DPDT, 7-Day Time Switch	255.50	38.49
26 27 26 00-0191	EA	40 Amperes, 277 Volt, DPDT, 7-Day Time Switch	255.50	38.49
26 27 26 00-0192	EA	20 Amperes, 125 Volt, SPST, Programmable Time Switch	221.36	38.49
26 27 26 00-0193	EA	20 Amperes, 277 Volt, SPST, Programmable Time Switch	242.21	38.49
26 27 26 00-0194	EA	20 Amperes, 277 Volt, SPST, Weatherproof Programmable Time Switch	242.21	38.49
26 27 26 00-0195	EA	40 Amperes, 125 Volt, 4PST, Astro Dial Time Switch	291.47	38.49
26 27 26 00-0196	EA	40 Amperes, 277 Volt, 4PST, Astro Dial Time Switch	299.76	38.49
26 27 26 00-0197	EA	40 Amperes, 125 Volt, SPST, Weatherproof Standard Time Switch	131.08	38.49
26 27 26 00-0198	EA	40 Amperes, 277 Volt, SPST, Weatherproof Standard Time Switch	133.78	38.49
26 27 26 00-0199	EA	40 Amperes, 125 Volt, DPST, Weatherproof Standard Time Switch	131.08	38.49
26 27 26 00-0200	EA	40 Amperes, 277 Volt, DPST, Weatherproof Standard Time Switch	133.78	38.49
26 27 26 00-0201	EA	40 Amperes, 125 Volt, SPST, Weatherproof 7-Day Time Switch	149.11	38.49
26 27 26 00-0202	EA	40 Amperes, 277 Volt, SPST, Weatherproof 7-Day Time Switch	149.11	38.49
26 27 26 00-0203	EA	40 Amperes, 125 Volt, DPDT, Weatherproof 7-Day Time Switch	255.50	38.49
26 27 26 00-0204	EA	40 Amperes, 277 Volt, DPDT, Weatherproof 7-Day Time Switch	255.50	38.49
26 27 26 00-0205	EA	40 Amperes, 125 Volt, 4PST, Weatherproof Astro Dial Time Switch	291.47	38.49
26 27 26 00-0206	EA	40 Amperes, 277 Volt, 4PST, Weatherproof Astro Dial Time Switch	299.76	38.49
26 27 26 00-0207		**Low Voltage Switching** *(26 27 26 00-0172)*		
26 27 26 00-0208	EA	36 Pin Male Or Female Connector	200.55	12.83
26 27 26 00-0209		**Other Switches** *(26 27 26 00-0172)*		
26 27 26 00-0210	EA	SPST Locking Switch For Concealed Devices	125.87	51.32
26 27 26 00-0211	EA	3-Way Locking Switch For Concealed Devices	127.33	51.32
26 27 26 00-0212	EA	Emergency Off Switch, With 1 Non-Closing Contact, Circular, Red, With Guard	137.19	47.98
26 27 26 00-0213	EA	15 Amperes Momentary Contact Switch	131.28	47.98
26 27 26 00-0214	EA	20 Amperes Momentary Contact Switch	137.50	47.98
26 27 26 00-0215		**Plates And Covers** *(26 27 26)*		
26 27 26 00-0216		**Wall Plates** *(26 27 26 00-0215)*		
26 27 26 00-0217		**Nylon Wall Plates** *(26 27 26 00-0216)*		
26 27 26 00-0218	EA	1 Gang Nylon Switch Wall Plates	2.05	0.64
26 27 26 00-0219	EA	2 Gang Nylon Switch Wall Plates	3.48	0.96
26 27 26 00-0220	EA	3 Gang Nylon Switch Wall Plates	4.95	1.28
26 27 26 00-0221	EA	4 Gang Nylon Switch Wall Plate	7.14	1.61
26 27 26 00-0222	EA	1 Gang Duplex Nylon Wall Plate	2.07	0.64
26 27 26 00-0223	EA	2 Gang Duplex Nylon Wall Plate	3.57	0.96
26 27 26 00-0224		**Plastic Wall Plates** *(26 27 26 00-0216)*		
26 27 26 00-0225	EA	1 Gang Plastic Switch Wall Plates	1.90	0.64
26 27 26 00-0226	EA	2 Gang Plastic Switch Wall Plates	3.17	0.96
26 27 26 00-0227	EA	3 Gang Plastic Switch Wall Plates	4.45	1.28
26 27 26 00-0228	EA	4 Gang Plastic Switch Wall Plates	7.14	1.61
26 27 26 00-0229	EA	1 Gang Duplex Plastic Wall Plate	1.90	0.64
26 27 26 00-0230	EA	2 Gang Duplex Plastic Wall Plate	3.18	0.96
26 27 26 00-0231		**Brass Wall Plates** *(26 27 26 00-0216)*		
26 27 26 00-0232	EA	1 Gang, 0.04" Brass Switch Wall Plates	20.35	2.89
26 27 26 00-0233	EA	2 Gang, 0.04" Brass Switch Wall Plates	38.30	3.34
26 27 26 00-0234	EA	3 Gang, 0.04" Brass Switch Wall Plates	56.13	3.72
26 27 26 00-0235	EA	4 Gang, 0.04" Brass Switch Wall Plates	87.45	4.04
26 27 26 00-0236	EA	5 Gang, 0.04" Brass Switch Wall Plates	106.56	4.31
26 27 26 00-0237	EA	6 Gang, 0.04" Brass Switch Wall Plates	123.37	4.50
26 27 26 00-0238	EA	1 Gang, 0.04" Brass Duplex Receptacle Wall Plate	20.35	2.89

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 26 00-0239	EA	2 Gang, 0.04" Brass Duplex Receptacle Wall Plate	44.93	3.34
26 27 26 00-0240	EA	3 Gang 0.04" Brass Duplex Receptacle Wall Plate	64.87	3.72
26 27 26 00-0241		**Stainless Steel Wall Plates** *(26 27 26 00-0216)*		
26 27 26 00-0242	EA	1 Gang, 302 Stainless Steel With Satin Finish Switch Wall Plates	10.77	2.89
26 27 26 00-0243	EA	2 Gang, 302 Stainless Steel With Satin Finish Switch Wall Plates	17.37	3.34
26 27 26 00-0244	EA	3 Gang, 302 Stainless Steel With Satin Finish Switch Wall Plates	24.35	3.72
26 27 26 00-0245	EA	4 Gang, 302 Stainless Steel With Satin Finish Switch Wall Plates	35.84	4.04
26 27 26 00-0246	EA	5 Gang, 302 Stainless Steel With Satin Finish Switch Wall Plates	42.24	4.31
26 27 26 00-0247	EA	6 Gang, 302 Stainless Steel With Satin Finish Switch Wall Plates	51.15	4.50
26 27 26 00-0248	EA	1 Gang, 302 Stainless Steel With Satin Finish Duplex Receptacle Wall Plate	11.82	2.89
26 27 26 00-0249	EA	2 Gang, 302 Stainless Steel With Satin Finish Duplex Receptacle Wall Plate	19.85	3.34
26 27 26 00-0250	EA	3 Gang, 302 Stainless Steel With Satin Finish Duplex Receptacle Wall Plate	32.57	3.72
26 27 26 00-0251	EA	4 Gang, 302 Stainless Steel With Satin Finish Duplex Receptacle Wall Plate	39.41	4.04
26 27 26 00-0252		**Chrome Wall Plates** *(26 27 26 00-0216)*		
26 27 26 00-0253	EA	1 Gang, 0.040" Chrome Switch Wall Plate	40.96	2.89
26 27 26 00-0254	EA	2 Gang 0.040" Chrome Switch Wall Plate	76.92	3.34
26 27 26 00-0255	EA	3 Gang 0.040" Chrome Switch Wall Plate	112.85	3.72
26 27 26 00-0256	EA	1 Gang 0.040" Chrome Duplex Receptacle Wall Plate	40.93	2.89
26 27 26 00-0257		**Weatherproof Covers** *(26 27 26 00-0215)*		
26 27 26 00-0258		**Stamped Metallic Weatherproof Covers** *(26 27 26 00-0257)*		
		Note: Includes electrostatically applied powder coating and neoprene gasket.		
26 27 26 00-0259	EA	Blank Cover, Single Gang, Stamped Metallic Weatherproof Cover (Killark® 1FBC)	13.87	0.64
26 27 26 00-0260	EA	Duplex Receptacle, Single Gang, Stamped Metallic Weatherproof Cover (Killark® 1FAC)	15.03	0.64
26 27 26 00-0261	EA	Single Receptacle, Single Gang, Stamped Metallic Weatherproof Cover (Killark® 1FRC)	15.03	0.64
26 27 26 00-0262	EA	Toggle Switch, Single Gang, Stamped Metallic Weatherproof Cover (Killark® 1FTC)	15.03	0.64
26 27 26 00-0263	EA	Blank Cover, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FBC)	18.42	0.96
26 27 26 00-0264	EA	Duplex Receptacle, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FAC)	20.93	0.96
26 27 26 00-0265	EA	Single Receptacle, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FRC)	21.19	0.96
26 27 26 00-0266	EA	Toggle Switch, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FTC)	21.19	0.96
26 27 26 00-0267	EA	Toggle Switch And Duplex Receptacle, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FTAC)	28.86	0.96
26 27 26 00-0268	EA	Blank Cover, Three Gang, Stamped Metallic Weatherproof Cover (Killark® 3FB)	27.27	1.28
26 27 26 00-0269	EA	Toggle Switch, Three Gang, Stamped Metallic Weatherproof Cover (Killark® 3FT)	29.84	1.28
26 27 26 00-0270		**Cast Metallic Weatherproof Covers** *(26 27 26 00-0257)*		
		Note: Includes electrostatically applied powder coating and neoprene gasket.		
26 27 26 00-0271	EA	Blank Cover, Single Gang, Cast Metallic Weatherproof Cover (Killark® FSBC)	17.00	0.64
26 27 26 00-0272	EA	Duplex Receptacle, Single Gang, Cast Metallic Weatherproof Cover With Self Closing Lid (Killark® FCLA)	54.53	0.64
26 27 26 00-0273	EA	Single Receptacle, Single Gang, Cast Metallic Weatherproof Cover With Self Closing Lid (Killark® FCLR)	61.16	0.64
26 27 26 00-0274	EA	Guarded Toggle Switch, Single Gang, Cast Metallic Weatherproof Cover (Killark® FSTG)	16.87	0.64
26 27 26 00-0275	EA	Toggle Switch, Single Gang, Cast Metallic Weatherproof Cover With Self Closing Lid (Killark® FCLT)	46.21	0.64
26 27 26 00-0276	EA	Lever Operated Toggle Switch, Single Gang, Cast Metallic Weatherproof Cover (Killark® FSPT)	76.94	0.64
26 27 26 00-0277	EA	Plunger Operated Toggle Switch, Single Gang, Cast Metallic Weatherproof Cover (Killark® FST)	97.98	0.64
26 27 26 00-0278	EA	Blank Cover, Two Gang, Cast Metallic Weatherproof Cover (Killark® 2FSBC)	21.19	0.96
26 27 26 00-0279	EA	Plunger Operated Toggle Switch, Two Gang, Cast Metallic Weatherproof Cover (Killark® 2FST)	154.80	0.96
26 27 26 00-0280	EA	Blank Cover, Three Gang, Cast Metallic Weatherproof Cover (Killark® 3FSBC)	35.51	1.28
26 27 26 00-0281	EA	Plunger Operated Toggle Switch, Three Gang, Cast Metallic Weatherproof Cover (Killark® 3FST)	147.82	1.28
26 27 26 00-0282		**Die Cast Aluminum Weatherproof Covers** *(26 27 26 00-0257)*		
		Note: Includes electrostatically applied powder coating and neoprene gasket.		
26 27 26 00-0283	EA	Duplex Receptacle, Single Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5027)	5.68	0.64
26 27 26 00-0284	EA	Single Receptacle, Single Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5026)	7.29	0.64
26 27 26 00-0285	EA	Duplex Receptacles, Two Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5032)	9.79	0.96
26 27 26 00-0286	EA	Toggle Switch, Two Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5041)	10.62	0.96
26 27 26 00-0287	EA	Toggle Switch And Duplex Receptacle, Two Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5042)	10.62	0.96
26 27 26 00-0288	EA	Toggle Switch And Single Receptacle, Two Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5043)	11.83	0.96
26 27 26 00-0289		**Heavy-Duty Die Cast Aluminum Weatherproof Covers** *(26 27 26 00-0257)*		
		Note: Includes baked on lacquer finish and neoprene gasket.		
26 27 26 00-0290	EA	Duplex Receptacle, Single Gang, Heavy-Duty Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Pass & Seymour Legrand® 4510)	58.07	0.64
26 27 26 00-0291		**Polycarbonate Weatherproof Covers** *(26 27 26 00-0257)*		
		Note: Includes neoprene gasket.		
26 27 26 00-0292	EA	Toggle Switch, Single Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5730)	11.69	0.64
26 27 26 00-0293	EA	Duplex Receptacle, Single Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5730)	11.69	0.64
26 27 26 00-0294	EA	Single Receptacle, Single Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5730)	11.69	0.64
26 27 26 00-0295	EA	Duplex Receptacle, Two Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5775)	14.46	0.96

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 26 00-0296	EA	Toggle Switch And Single Receptacle, Two Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5775)	14.46	0.96
26 27 26 00-0297		**High Impact Thermoplastic Weatherproof Covers** *(26 27 26 00-0257)*		
		Note: Includes neoprene gasket.		
26 27 26 00-0298	EA	Duplex Receptacle, Single Gang, High Impact Thermoplastic Weatherproof Cover With Self Closing Lid (Hubbell® HBL522)	94.89	0.64
26 27 26 00-0299		**Non-Metallic (PVC) Weatherproof Covers** *(26 27 26 00-0257)*		
		Note: Includes neoprene gasket.		
26 27 26 00-0300	EA	Blank Cover, Single Gang, Non-Metallic (PVC) Weatherproof Cover	13.88	0.64
26 27 26 00-0301	EA	Blank Cover, Two Gang, Non-Metallic (PVC) Weatherproof Cover	14.89	0.96
26 27 26 00-0302	EA	Toggle Switch, Single Gang, Non-Metallic (PVC) Weatherproof Cover	13.92	0.64
26 27 26 00-0303	EA	Switch, Single Gang, Non-Metallic (PVC) Weatherproof Cover	30.72	0.64
26 27 26 00-0304	EA	Duplex Receptacle, Single Gang, Non-Metallic (PVC) Weatherproof Cover	35.61	0.64
26 27 26 00-0305	EA	20 Amperes, Receptacle, Single Gang, Non-Metallic (PVC) Weatherproof Cover	28.86	0.64
26 27 26 00-0306	EA	30 Amperes, Receptacle, Single Gang, Non-Metallic (PVC) Weatherproof Cover	21.50	0.64
26 27 26 00-0307	EA	50 Amperes, Receptacle, Single Gang, Non-Metallic (PVC) Weatherproof Cover	25.17	0.64
26 27 26 00-0308	EA	Plunger Switch, Single Gang, Non-Metallic (PVC) Weatherproof Cover	22.50	0.64
26 27 26 00-0309	EA	Double Duplex Receptacle, Two Gang, Non-Metallic (PVC) Weatherproof Cover	32.40	0.96
26 27 26 00-0310		**Removal And Reinstallation Of Wiring Devices** *(26 27 26)*		
		Note: Includes storage and cleaning.		
26 27 26 00-0311	EA	Removal And Reinstallation Of Receptacle, Switch, Outlet Or Special System Device	84.41	
26 27 26 00-0312	EA	Removal And Reinstallation Of Receptacle Or Switch Outlet Cover Plate	10.69	
26 27 26 00-0313		**In Line Midget Fuseholders** *(26 27 26)*		
		See CSI section 26 28 13 00-0078 for fuses.		
26 27 26 00-0314	EA	Single Pole Water Resistant In Line Midget Fuseholder	93.92	
26 27 26 00-0315	EA	Double Pole Water Resistant In Line Midget Fuseholder	218.60	
26 27 26 00-0316		**Limit Switches** *(26 27 26)*		
26 27 26 00-0317		**Heavy-Duty Precision Oiltight** *(26 27 26 00-0316)*		
26 27 26 00-0318		**Lever Arm, Plunger, Wobble Stick Type** *(26 27 26 00-0317)*		
26 27 26 00-0319	EA	Limit Switch, Heavy-Duty, Lever Arm Weatherproof, 10 Amperes Rated	469.13	80.83
26 27 33		**Power Distribution Units** *(26 27)*		
		Note: Includes wiring connections and testing.		
26 27 33 00-0001		**Liebert Precision Power Center** *(26 27 33)*		
		Note: With K20 Trans Spike Suppression Modules Lighting/Surge Arrestors. Includes start-up.		
26 27 33 00-0002	EA	PDU 15 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC015C)	21,962.41	394.51
26 27 33 00-0003	EA	PDU 30 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC030C)	26,521.88	427.61
26 27 33 00-0004	EA	PDU 50 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC050C)	30,226.69	474.69
26 27 33 00-0005	EA	PDU 75 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC075C)	34,780.54	513.18
26 27 33 00-0006	EA	PDU 100 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC100C)	37,946.98	641.48
26 27 33 00-0007	EA	PDU 125 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC125C)	42,568.34	769.78
26 27 33 00-0008	EA	PDU 150 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC150C)	49,115.32	898.07
26 27 33 00-0009	EA	PDU 200 KVA, 480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC200C)	51,639.88	1,026.36
26 27 33 00-0010	EA	PDU 225 KVA, 480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC225C)	54,549.56	1,154.66
26 27 33 00-0011	EA	Ex Panelboard 10-30 KVA	1,942.60	128.30
26 27 33 00-0012	EA	Ex Panelboard 50-125 KVA	2,905.37	160.36
26 27 33 00-0013	EA	Ex Panelboard 150-220 KVA	6,564.02	192.44
26 27 33 00-0014	EA	Removal And Reinstallation Of Power Distribution Unit	2,052.73	
		Note: Includes disconnection / reconnection of branch circuits, storage and cleaning.		
26 27 33 00-0015	EA	Start-Up Liebert Power Distribution Unit Line Item Applies To A Relocation Only	1,539.55	
26 27 73		**Door Chimes** *(26 27)*		
26 27 73 00-0001		**Door Bell Chime And Door Button With Built-In Viewer** *(26 27 73)*		
		Note: Non-electric chime, mounted on door		
26 27 73 00-0002	EA	Mechanical Door Bell Chime And Door Button With Built-In Viewer (Newhouse Hardware MCHBV)	83.58	17.09
26 27 73 00-0003		**Wireless Door Bell System** *(26 27 73)*		
26 27 73 00-0004	EA	Wireless Doorbell Chime And Push Button (Broan LA542WH)	146.95	
		Note: Includes 2 push buttons		
26 27 73 00-0005	EA	Wireless Doorbell Chime And Push Button (STI-3350G)	138.40	
		Note: Includes 2 push buttons		
26 27 73 00-0006	EA	Wireless Doorbell Chime And Push Button (GE 19300)	103.46	
		Note: Includes 2 push buttons		
26 27 73 00-0007		**Door Bell Buzzer System, Wired** *(26 27 73)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 73 00-0008	EA	Door Bell, Push-Button And Transformer, Complete	680.71	267.24
26 27 73 00-0009	EA	Visual Flashing Doorbell Indicator, Wire To Existing System, Complete	265.51	64.14
26 27 73 00-0010	EA	Removal And Replacement Of Bell/Buzzer, Complete Note: Includes removal of existing.	109.22	32.08

26 28 Low-Voltage Circuit Protective Devices *(26 20)*

26 28 13 Fuses *(26 28)*

26 28 13 00-0001 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuses *(26 28 13)*

26 28 13 00-0002	EA	1 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	31.63	9.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.16*	
26 28 13 00-0003	EA	2 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	30.74	9.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.16*	
26 28 13 00-0004	EA	3 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	29.54	9.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.16*	
26 28 13 00-0005	EA	5 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	29.37	9.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.16*	
26 28 13 00-0006	EA	6 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	30.49	9.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.16*	
26 28 13 00-0007	EA	8 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	28.30	9.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.16*	
26 28 13 00-0008	EA	10 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	27.78	9.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.16*	
26 28 13 00-0009	EA	15 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	23.49	9.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.16*	
26 28 13 00-0010	EA	20 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	22.85	9.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.16*	
26 28 13 00-0011	EA	25 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	24.08	9.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.16*	
26 28 13 00-0012	EA	30 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	23.22	9.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.16*	

26 28 13 00-0013 Class RK1, Time Delay Fuses *(26 28 13)*

26 28 13 00-0014 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuses *(26 28 13 00-0013)*

26 28 13 00-0015	EA	1 Ampere, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	52.69	9.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.16*	
26 28 13 00-0016	EA	2 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	48.81	9.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.16*	
26 28 13 00-0017	EA	3 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	51.52	9.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.16*	
26 28 13 00-0018	EA	4 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	51.16	9.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.16*	
26 28 13 00-0019	EA	5 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	48.46	9.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.16*	
26 28 13 00-0020	EA	10 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	46.84	9.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.16*	
26 28 13 00-0021	EA	15 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	42.56	9.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.16*	
26 28 13 00-0022	EA	20 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	42.23	9.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.16*	
26 28 13 00-0023	EA	25 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	42.58	9.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.16*	
26 28 13 00-0024	EA	30 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	42.14	9.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.16*	
26 28 13 00-0025	EA	35 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	60.39	9.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.16*	
26 28 13 00-0026	EA	40 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	59.10	9.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.16*	
26 28 13 00-0027	EA	45 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	60.07	9.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.16*	
26 28 13 00-0028	EA	50 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	59.27	9.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.16*	
26 28 13 00-0029	EA	60 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	58.10	9.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.16*	

26 28 13 00-0030 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuses *(26 28 13 00-0013)*

26 28 13 00-0031	EA	70 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	111.68	11.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.70*	
26 28 13 00-0032	EA	80 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	111.04	11.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.70*	
26 28 13 00-0033	EA	90 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	124.14	11.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.70*	
26 28 13 00-0034	EA	100 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	110.01	11.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.70*	
26 28 13 00-0035	EA	110 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	325.66	11.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 13 00-0036	EA	125 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	236.37	11.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.70*	
26 28 13 00-0037	EA	150 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	215.91	12.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.47*	
26 28 13 00-0038	EA	200 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	227.81	12.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.47*	
26 28 13 00-0039	EA	250 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	433.26	12.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.47*	
26 28 13 00-0040	EA	300 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	465.03	15.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.39*	
26 28 13 00-0041	EA	350 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	500.61	15.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.39*	
26 28 13 00-0042	EA	400 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	383.88	15.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.39*	
26 28 13 00-0043	EA	450 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	865.42	15.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.39*	
26 28 13 00-0044	EA	500 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	816.62	19.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.70*	
26 28 13 00-0045	EA	600 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	634.64	19.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.70*	

26 28 13 00-0046 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuses *(26 28 13 00-0013)*

26 28 13 00-0047	EA	1 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	84.60	9.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.16*	
26 28 13 00-0048	EA	2 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	78.43	9.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.16*	
26 28 13 00-0049	EA	3 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	73.26	9.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.16*	
26 28 13 00-0050	EA	4 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	74.96	9.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.16*	
26 28 13 00-0051	EA	5 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	73.49	9.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.16*	
26 28 13 00-0052	EA	10 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	74.02	9.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.16*	
26 28 13 00-0053	EA	15 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	68.38	9.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.16*	
26 28 13 00-0054	EA	20 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	67.82	9.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.16*	
26 28 13 00-0055	EA	25 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	67.06	9.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.16*	
26 28 13 00-0056	EA	30 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	68.17	9.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.16*	
26 28 13 00-0057	EA	35 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	101.64	9.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.16*	
26 28 13 00-0058	EA	40 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	101.90	9.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.16*	
26 28 13 00-0059	EA	45 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	99.79	9.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.16*	
26 28 13 00-0060	EA	50 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	100.79	9.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.16*	
26 28 13 00-0061	EA	60 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	101.67	9.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.16*	

26 28 13 00-0062 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuses *(26 28 13 00-0013)*

26 28 13 00-0063	EA	70 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	194.27	11.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.70*	
26 28 13 00-0064	EA	80 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	198.52	12.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.47*	
26 28 13 00-0065	EA	90 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	197.40	12.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.47*	
26 28 13 00-0066	EA	100 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	198.28	12.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.47*	
26 28 13 00-0067	EA	110 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	369.71	12.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.47*	
26 28 13 00-0068	EA	125 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	375.41	12.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.47*	
26 28 13 00-0069	EA	150 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	368.81	15.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.39*	
26 28 13 00-0070	EA	200 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	367.87	15.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.39*	
26 28 13 00-0071	EA	250 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	709.53	15.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.39*	
26 28 13 00-0072	EA	300 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	711.94	19.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.70*	
26 28 13 00-0073	EA	350 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	804.22	19.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.70*	
26 28 13 00-0074	EA	400 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	727.63	19.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.70*	
26 28 13 00-0075	EA	450 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	1,315.64	19.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 13 00-0076	EA	500 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	1,168.52	23.09
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.40*	
26 28 13 00-0077	EA	600 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	1,017.48	23.09
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.40*	
26 28 13 00-0078		**600 Volt AC, Class CC Midget Fuses** *(26 28 13)*		
		Note: 250/300 Volt DC.		
26 28 13 00-0079	EA	1 Amperes, 600 Volt AC, Class CC Midget Fuse	61.51	9.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.16*	
26 28 13 00-0080	EA	2 Amperes, 600 Volt AC, Class CC Midget Fuse	62.53	9.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.16*	
26 28 13 00-0081	EA	3 Amperes, 600 Volt AC, Class CC Midget Fuse	62.24	9.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.16*	
26 28 13 00-0082	EA	5 Amperes, 600 Volt AC, Class CC Midget Fuse	61.92	9.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.16*	
26 28 13 00-0083	EA	6 Amperes, 600 Volt AC, Class CC Midget Fuse	66.76	9.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.16*	
26 28 13 00-0084	EA	8 Amperes, 600 Volt AC, Class CC Midget Fuse	59.01	9.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.16*	
26 28 13 00-0085	EA	10 Amperes, 600 Volt AC, Class CC Midget Fuse	68.12	9.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.16*	
26 28 13 00-0086	EA	15 Amperes, 600 Volt AC, Class CC Midget Fuse	61.95	9.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.16*	
26 28 13 00-0087	EA	20 Amperes, 600 Volt AC, Class CC Midget Fuse	60.68	9.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.16*	
26 28 13 00-0088	EA	25 Amperes, 600 Volt AC, Class CC Midget Fuse	57.77	9.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.16*	
26 28 13 00-0089	EA	30 Amperes, 600 Volt AC, Class CC Midget Fuse	60.24	9.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.16*	
26 28 13 00-0090		**200,000 Ampere Interrupting Capacity, 600 Volt AC, Class J Bolted Fuse** *(26 28 13)*		
26 28 13 00-0091	EA	1 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	83.14	6.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.85*	
26 28 13 00-0092	EA	3 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	83.81	6.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.85*	
26 28 13 00-0093	EA	6 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	71.07	7.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.62*	
26 28 13 00-0094	EA	10 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	69.52	9.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.78*	
26 28 13 00-0095	EA	15 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	71.14	9.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.78*	
26 28 13 00-0096	EA	20 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	69.70	9.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.78*	
26 28 13 00-0097	EA	25 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	88.45	12.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.70*	
26 28 13 00-0098	EA	30 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	72.32	12.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.70*	
26 28 13 00-0099	EA	35 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	132.52	12.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.70*	
26 28 13 00-0100	EA	40 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	111.77	12.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.70*	
26 28 13 00-0101	EA	45 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	129.34	12.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.70*	
26 28 13 00-0102	EA	50 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	111.91	16.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.62*	
26 28 13 00-0103	EA	60 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	109.67	16.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.62*	
26 28 13 00-0104	EA	70 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	173.84	19.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.55*	
26 28 13 00-0105	EA	80 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	186.15	19.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.55*	
26 28 13 00-0106	EA	90 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	183.01	19.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.55*	
26 28 13 00-0107	EA	100 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	156.78	22.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.47*	
26 28 13 00-0108	EA	110 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	386.38	22.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.47*	
26 28 13 00-0109	EA	125 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	326.21	22.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.47*	
26 28 13 00-0110	EA	150 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	308.35	25.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.40*	
26 28 13 00-0111	EA	175 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	313.14	25.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.40*	
26 28 13 00-0112	EA	200 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	257.17	25.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.40*	
26 28 13 00-0113	EA	225 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	675.74	25.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.40*	
26 28 13 00-0114	EA	250 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	623.51	25.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.40*	
26 28 13 00-0115	EA	300 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	573.24	25.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 13 00-0116	EA	350 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	626.74	25.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.40*	
26 28 13 00-0117	EA	400 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	512.48	28.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.32*	
26 28 13 00-0118	EA	450 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	1,109.40	28.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.32*	
26 28 13 00-0119	EA	500 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	936.77	32.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.25*	
26 28 13 00-0120	EA	600 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	691.53	32.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.25*	

26 28 13 00-0121 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuses *(26 28 13)*

26 28 13 00-0122	EA	100 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	2,147.73	16.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.62*	
26 28 13 00-0123	EA	150 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	2,151.99	16.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.62*	
26 28 13 00-0124	EA	200 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	2,155.96	16.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.62*	
26 28 13 00-0125	EA	250 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	2,147.12	19.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.55*	
26 28 13 00-0126	EA	300 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,976.57	19.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.55*	
26 28 13 00-0127	EA	350 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	2,113.87	22.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.47*	
26 28 13 00-0128	EA	400 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,944.55	22.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.47*	
26 28 13 00-0129	EA	450 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	2,176.42	22.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.47*	
26 28 13 00-0130	EA	500 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	2,133.70	22.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.47*	
26 28 13 00-0131	EA	600 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,894.53	25.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.40*	
26 28 13 00-0132	EA	601 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,945.92	25.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.40*	
26 28 13 00-0133	EA	650 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	2,591.81	25.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.40*	
26 28 13 00-0134	EA	700 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,885.22	25.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.40*	
26 28 13 00-0135	EA	750 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	2,900.72	28.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.32*	
26 28 13 00-0136	EA	800 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,664.02	28.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.32*	
26 28 13 00-0137	EA	900 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	2,437.27	28.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.32*	
26 28 13 00-0138	EA	1,000 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,635.76	28.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.32*	
26 28 13 00-0139	EA	1,200 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,684.91	28.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.32*	
26 28 13 00-0140	EA	1,350 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	3,765.02	28.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.32*	
26 28 13 00-0141	EA	1,400 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	3,711.90	28.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.32*	
26 28 13 00-0142	EA	1,500 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	3,347.44	28.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.32*	
26 28 13 00-0143	EA	1,600 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	2,083.72	32.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.24*	
26 28 13 00-0144	EA	1,800 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	4,435.62	32.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.24*	
26 28 13 00-0145	EA	2,000 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	2,833.38	32.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.24*	
26 28 13 00-0146	EA	2,500 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	3,836.41	32.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.24*	
26 28 13 00-0147	EA	2,501 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	6,547.69	32.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.24*	
26 28 13 00-0148	EA	3,000 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	4,277.05	35.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.17*	
26 28 13 00-0149	EA	3,500 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	8,865.12	35.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.17*	
26 28 13 00-0150	EA	3,800 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	10,289.64	35.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.17*	
26 28 13 00-0151	EA	4,000 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	5,941.90	35.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.17*	
26 28 13 00-0152	EA	5,000 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	9,388.16	35.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.17*	
26 28 13 00-0153	EA	6,000 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	15,553.54	35.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.17*	

26 28 16 Enclosed Switches and Circuit Breakers *(26 28)*

26 28 16 13 Enclosed Circuit Breakers *(26 28 16)*

26 28 16 13-0001 Branch Circuit Breakers *(26 28 16 13)*

Note: For installation in existing and new panelboards. Use task modifier for installation in new panelboards.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0002		Branch Circuit Breakers 10,000 Amperes Interrupting Capacity, Plug-On *(26 28 16 13-0001)*		
		Note: Includes connection of electrical wire.		
26 28 16 13-0003	EA	1 Pole, 120/240 Volt, 15 To 30 Amperes, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	63.69	23.09
		For Bolt-On, Add	*16.94*	
		For Installation In New Panelboard, Deduct	*-12.83*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.40*	
26 28 16 13-0004	EA	1 Pole, 120/240 Volt, 35 To 60 Amperes, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	63.69	23.09
		For Bolt-On, Add	*16.94*	
		For Installation In New Panelboard, Deduct	*-12.83*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.40*	
26 28 16 13-0005	EA	1 Pole, 120/240 Volt, 70 To 100 Amperes, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	92.69	28.87
		For Bolt-On, Add	*22.81*	
		For Installation In New Panelboard, Deduct	*-16.04*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.24*	
26 28 16 13-0006	EA	1 Pole GFI, 15 To 30 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	141.77	28.87
		For Bolt-On, Add	*28.95*	
		For Installation In New Panelboard, Deduct	*-16.04*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.24*	
26 28 16 13-0007	EA	1 Pole GFI, 35 To 60 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Protection Circuit Breaker, 10,000 Amperes Interrupting Capacity	197.89	28.87
		For Bolt-On, Add	*35.96*	
		For Installation In New Panelboard, Deduct	*-16.04*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.24*	
26 28 16 13-0008	EA	1 Pole GFI, 15 To 30 Amperes, 120/240 Volt, UL Listed 30mA Equipment Protection Circuit Breaker, 10,000 Amperes Interrupting Capacity	229.89	28.87
		For Bolt-On, Add	*39.96*	
		For Installation In New Panelboard, Deduct	*-16.04*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.24*	
26 28 16 13-0009	EA	1 Pole GFI, 15 To 20 Amperes, 120/240 Volt, "Arc Fault" Circuit Breaker, 10,000 Amperes Interrupting Capacity	110.85	28.87
		For Bolt-On, Add	*25.08*	
		For Installation In New Panelboard, Deduct	*-16.04*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.24*	
26 28 16 13-0010	EA	2 Pole, 15 To 30 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	105.53	34.64
		For Bolt-On, Add	*26.66*	
		For Installation In New Panelboard, Deduct	*-19.25*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.09*	
26 28 16 13-0011	EA	2 Pole, 35 To 60 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	105.53	34.64
		For Bolt-On, Add	*26.66*	
		For Installation In New Panelboard, Deduct	*-19.25*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.09*	
26 28 16 13-0012	EA	2 Pole, 70 To 100 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	159.73	46.19
		For Bolt-On, Add	*37.93*	
		For Installation In New Panelboard, Deduct	*-25.66*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.79*	
26 28 16 13-0013	EA	2 Pole, 110 To 125 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	266.30	57.73
		For Bolt-On, Add	*55.74*	
		For Installation In New Panelboard, Deduct	*-32.08*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.49*	
26 28 16 13-0014	EA	2 Pole, 150 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	314.32	64.14
		For Bolt-On, Add	*63.99*	
		For Installation In New Panelboard, Deduct	*-35.28*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*42.34*	
26 28 16 13-0015	EA	2 Pole GFI, 15 To 50 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	267.68	41.06
		For Bolt-On, Add	*49.62*	
		For Installation In New Panelboard, Deduct	*-23.09*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.71*	
26 28 16 13-0016	EA	2 Pole GFI, 15 To 50 Amperes, 120/240 Volt, UL Listed 30mA Equipment Protection Circuit Breaker, 10,000 Amperes Interrupting Capacity	359.48	41.06
		For Bolt-On, Add	*61.10*	
		For Installation In New Panelboard, Deduct	*-23.09*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.71*	
26 28 16 13-0017	EA	3 Pole, 15 To 30 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	202.55	46.19
		For Bolt-On, Add	*43.28*	
		For Installation In New Panelboard, Deduct	*-25.66*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.79*	
26 28 16 13-0018	EA	3 Pole, 35 To 60 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	202.55	46.19
		For Bolt-On, Add	*43.28*	
		For Installation In New Panelboard, Deduct	*-25.66*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0019	EA	3 Pole, 70 To 100 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	265.76	57.73
		For Bolt-On, Add	*55.67*	
		For Installation In New Panelboard, Deduct	*-32.08*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.49*	
26 28 16 13-0020	EA	3 Pole, 110 To 125 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	403.68	69.28
		For Bolt-On, Add	*77.40*	
		For Installation In New Panelboard, Deduct	*-38.49*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*46.19*	
26 28 16 13-0021	EA	3 Pole, 150 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	515.72	80.83
		For Bolt-On, Add	*95.90*	
		For Installation In New Panelboard, Deduct	*-44.91*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*53.89*	

26 28 16 13-0022 Branch Circuit Breakers 14,000 Amperes Interrupting Capacity, Plug-On *(26 28 16 13-0001)*

Note: Includes connection of electrical wire.

26 28 16 13-0023	EA	1 Pole, 277/480 Volt, 15 To 30 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	92.77	23.09
		For Bolt-On, Add	*20.58*	
		For Installation In New Panelboard, Deduct	*-12.83*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.40*	
26 28 16 13-0024	EA	1 Pole, 277/480 Volt, 35 To 60 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	92.77	23.09
		For Bolt-On, Add	*20.58*	
		For Installation In New Panelboard, Deduct	*-12.83*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.40*	
26 28 16 13-0025	EA	1 Pole, 277/480 Volt, 70 To 100 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	167.02	28.87
		For Bolt-On, Add	*32.10*	
		For Installation In New Panelboard, Deduct	*-16.04*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.24*	
26 28 16 13-0026	EA	1 Pole GFI, 277/480 Volt, 15 To 60 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	261.39	28.87
		For Bolt-On, Add	*43.90*	
		For Installation In New Panelboard, Deduct	*-16.04*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.24*	
26 28 16 13-0027	EA	2 Pole, 277/480 Volt, 15 To 30 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	182.09	34.64
		For Bolt-On, Add	*36.23*	
		For Installation In New Panelboard, Deduct	*-19.25*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.09*	
26 28 16 13-0028	EA	2 Pole, 277/480 Volt, 35 To 60 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	182.09	34.64
		For Bolt-On, Add	*36.23*	
		For Installation In New Panelboard, Deduct	*-19.25*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.09*	
26 28 16 13-0029	EA	2 Pole, 277/480 Volt, 70 To 100 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	360.87	46.19
		For Bolt-On, Add	*63.07*	
		For Installation In New Panelboard, Deduct	*-25.66*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.79*	
26 28 16 13-0030	EA	2 Pole, 277/480 Volt, 110 To 125 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	492.19	57.73
		For Bolt-On, Add	*83.98*	
		For Installation In New Panelboard, Deduct	*-32.08*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.49*	
26 28 16 13-0031	EA	2 Pole, 277/480 Volt, 150 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	725.47	64.14
		For Bolt-On, Add	*115.38*	
		For Installation In New Panelboard, Deduct	*-35.28*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*42.34*	
26 28 16 13-0032	EA	3 Pole, 277/480 Volt, 15 To 30 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	291.38	46.19
		For Bolt-On, Add	*54.38*	
		For Installation In New Panelboard, Deduct	*-25.66*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.79*	
26 28 16 13-0033	EA	3 Pole, 277/480 Volt, 35 To 60 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	291.38	46.19
		For Bolt-On, Add	*54.38*	
		For Installation In New Panelboard, Deduct	*-25.66*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.79*	
26 28 16 13-0034	EA	3 Pole, 277/480 Volt, 70 To 100 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	436.95	57.73
		For Bolt-On, Add	*77.07*	
		For Installation In New Panelboard, Deduct	*-32.08*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.49*	
26 28 16 13-0035	EA	3 Pole, 277/480 Volt, 110 To 125 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	622.97	69.28
		For Bolt-On, Add	*104.81*	
		For Installation In New Panelboard, Deduct	*-38.49*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*46.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0036	EA	3 Pole, 277/480 Volt, 150 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	967.39	80.83
		For Bolt-On, Add	*152.36*	
		For Installation In New Panelboard, Deduct	*-44.91*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*53.89*	
26 28 16 13-0037	EA	3 Pole, 277/480 Volt, 175 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	1,117.05	86.60
		For Bolt-On, Add	*173.31*	
		For Installation In New Panelboard, Deduct	*-48.11*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*57.73*	
26 28 16 13-0038	EA	3 Pole, 277/480 Volt, 200 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	1,200.15	92.37
		For Bolt-On, Add	*185.94*	
		For Installation In New Panelboard, Deduct	*-51.32*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*61.58*	
26 28 16 13-0039	EA	3 Pole, 277/480 Volt, 225 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	1,421.33	98.14
		For Bolt-On, Add	*215.84*	
		For Installation In New Panelboard, Deduct	*-54.53*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*65.43*	

26 28 16 13-0040 Branch Circuit Breakers 18,000 Amperes Interrupting Capacity, Plug-On *(26 28 16 13-0001)*

Note: Includes connection of electrical wire.

26 28 16 13-0041	EA	15 To 30 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	111.88	23.09
		For Bolt-On, Add	*22.97*	
		For Installation In New Panelboard, Deduct	*-12.83*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.40*	
26 28 16 13-0042	EA	35 To 60 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	111.88	23.09
		For Bolt-On, Add	*22.97*	
		For Installation In New Panelboard, Deduct	*-12.83*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.40*	
26 28 16 13-0043	EA	70 To 100 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	185.90	28.87
		For Bolt-On, Add	*34.46*	
		For Installation In New Panelboard, Deduct	*-16.04*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.24*	
26 28 16 13-0044	EA	15 To 30 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	231.89	34.64
		For Bolt-On, Add	*42.46*	
		For Installation In New Panelboard, Deduct	*-19.25*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.09*	
26 28 16 13-0045	EA	35 To 60 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	231.89	34.64
		For Bolt-On, Add	*42.46*	
		For Installation In New Panelboard, Deduct	*-19.25*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.09*	
26 28 16 13-0046	EA	70 To 100 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	408.63	46.19
		For Bolt-On, Add	*69.04*	
		For Installation In New Panelboard, Deduct	*-25.66*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.79*	
26 28 16 13-0047	EA	110 To 125 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	1,055.23	57.73
		For Bolt-On, Add	*154.36*	
		For Installation In New Panelboard, Deduct	*-32.08*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.49*	
26 28 16 13-0048	EA	15 To 30 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	373.57	46.19
		For Bolt-On, Add	*64.66*	
		For Installation In New Panelboard, Deduct	*-25.66*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.79*	
26 28 16 13-0049	EA	35 To 60 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	373.57	46.19
		For Bolt-On, Add	*64.66*	
		For Installation In New Panelboard, Deduct	*-25.66*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.79*	
26 28 16 13-0050	EA	70 To 100 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	496.78	57.73
		For Bolt-On, Add	*84.55*	
		For Installation In New Panelboard, Deduct	*-32.08*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.49*	
26 28 16 13-0051	EA	110 To 125 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	1,306.56	69.28
		For Bolt-On, Add	*190.26*	
		For Installation In New Panelboard, Deduct	*-38.49*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*46.19*	

26 28 16 13-0052 Branch Circuit Breakers 22,000 Amperes Interrupting Capacity, Plug-On *(26 28 16 13-0001)*

Note: Includes connection of electrical wire.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0053	EA	15 To 30 Amperes, 1 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	128.11	23.09
		For Bolt-On, Add	*24.99*	
		For Installation In New Panelboard, Deduct	*-12.83*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.40*	
26 28 16 13-0054	EA	35 To 60 Amperes, 1 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	128.11	23.09
		For Bolt-On, Add	*24.99*	
		For Installation In New Panelboard, Deduct	*-12.83*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.40*	
26 28 16 13-0055	EA	70 To 100 Amperes, 1 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	150.79	28.87
		For Bolt-On, Add	*30.07*	
		For Installation In New Panelboard, Deduct	*-16.04*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.24*	
26 28 16 13-0056	EA	15 To 30 Amperes, 1 Pole GFI, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	259.22	28.87
		For Bolt-On, Add	*43.63*	
		For Installation In New Panelboard, Deduct	*-16.04*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.24*	
26 28 16 13-0057	EA	15 To 30 Amperes, 2 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	274.23	34.64
		For Bolt-On, Add	*47.75*	
		For Installation In New Panelboard, Deduct	*-19.25*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.09*	
26 28 16 13-0058	EA	35 To 60 Amperes, 2 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	274.23	34.64
		For Bolt-On, Add	*47.75*	
		For Installation In New Panelboard, Deduct	*-19.25*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.09*	
26 28 16 13-0059	EA	70 To 100 Amperes, 2 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	331.93	46.19
		For Bolt-On, Add	*59.45*	
		For Installation In New Panelboard, Deduct	*-25.66*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.79*	
26 28 16 13-0060	EA	110 To 125 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	479.83	57.73
		For Bolt-On, Add	*82.43*	
		For Installation In New Panelboard, Deduct	*-32.08*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.49*	
26 28 16 13-0061	EA	150 To 225 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	622.27	64.14
		For Bolt-On, Add	*102.48*	
		For Installation In New Panelboard, Deduct	*-35.28*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*42.34*	
26 28 16 13-0062	EA	250 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	777.56	75.06
		For Bolt-On, Add	*126.38*	
		For Installation In New Panelboard, Deduct	*-41.70*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*50.04*	
26 28 16 13-0063	EA	300 To 400 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	838.08	86.60
		For Bolt-On, Add	*138.44*	
		For Installation In New Panelboard, Deduct	*-48.11*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*57.73*	
26 28 16 13-0064	EA	15 To 30 Amperes, 3 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	332.64	46.19
		For Bolt-On, Add	*59.54*	
		For Installation In New Panelboard, Deduct	*-25.66*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.79*	
26 28 16 13-0065	EA	35 To 60 Amperes, 3 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	332.64	46.19
		For Bolt-On, Add	*59.54*	
		For Installation In New Panelboard, Deduct	*-25.66*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.79*	
26 28 16 13-0066	EA	70 To 100 Amperes, 3 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	389.66	57.73
		For Bolt-On, Add	*71.16*	
		For Installation In New Panelboard, Deduct	*-32.08*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.49*	
26 28 16 13-0067	EA	110 To 125 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	594.94	69.28
		For Bolt-On, Add	*101.31*	
		For Installation In New Panelboard, Deduct	*-38.49*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*46.19*	
26 28 16 13-0068	EA	150 To 225 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	781.09	89.81
		For Bolt-On, Add	*132.44*	
		For Installation In New Panelboard, Deduct	*-49.72*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*59.66*	
26 28 16 13-0069	EA	250 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	966.04	103.92
		For Bolt-On, Add	*161.17*	
		For Installation In New Panelboard, Deduct	*-57.73*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0070	EA	300 To 400 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	1,027.47	110.33
		For Bolt-On, Add	*171.09*	
		For Installation In New Panelboard, Deduct	*-60.94*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*73.13*	

26 28 16 13-0071 Branch Circuit Breakers 25,000 Amperes Interrupting Capacity, Plug-On *(26 28 16 13-0001)*

Note: Includes connection of electrical wire.

26 28 16 13-0072	EA	15 To 30 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	284.80	34.64
		For Installation In New Panelboard, Deduct	*-19.25*	
		Note: Also for use with new interiors in panelboards.		
		For Bolt-On, Add	*49.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.09*	
26 28 16 13-0073	EA	35 To 60 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	284.80	34.64
		For Installation In New Panelboard, Deduct	*-19.25*	
		Note: Also for use with new interiors in panelboards.		
		For Bolt-On, Add	*49.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.09*	
26 28 16 13-0074	EA	70 To 100 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	434.18	46.19
		For Installation In New Panelboard, Deduct	*-25.66*	
		Note: Also for use with new interiors in panelboards.		
		For Bolt-On, Add	*72.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.79*	
26 28 16 13-0075	EA	110 To 125 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	708.32	57.73
		For Installation In New Panelboard, Deduct	*-32.08*	
		Note: Also for use with new interiors in panelboards.		
		For Bolt-On, Add	*110.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.49*	
26 28 16 13-0076	EA	150 To 225 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	1,106.48	71.85
		For Installation In New Panelboard, Deduct	*-40.09*	
		Note: Also for use with new interiors in panelboards.		
		For Bolt-On, Add	*166.37*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*48.11*	
26 28 16 13-0077	EA	250 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	1,255.42	75.06
		For Installation In New Panelboard, Deduct	*-41.70*	
		Note: Also for use with new interiors in panelboards.		
		For Bolt-On, Add	*186.12*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*50.04*	
26 28 16 13-0078	EA	300 To 400 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	1,370.96	86.60
		For Installation In New Panelboard, Deduct	*-48.11*	
		Note: Also for use with new interiors in panelboards.		
		For Bolt-On, Add	*205.05*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*57.73*	
26 28 16 13-0079	EA	15 To 30 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	409.92	46.19
		For Installation In New Panelboard, Deduct	*-25.66*	
		Note: Also for use with new interiors in panelboards.		
		For Bolt-On, Add	*69.20*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.79*	
26 28 16 13-0080	EA	35 To 60 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	409.92	46.19
		For Installation In New Panelboard, Deduct	*-25.66*	
		Note: Also for use with new interiors in panelboards.		
		For Bolt-On, Add	*69.20*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.79*	
26 28 16 13-0081	EA	70 To 100 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	516.45	57.73
		For Installation In New Panelboard, Deduct	*-32.08*	
		Note: Also for use with new interiors in panelboards.		
		For Bolt-On, Add	*87.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.49*	
26 28 16 13-0082	EA	110 To 125 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	881.59	69.28
		For Installation In New Panelboard, Deduct	*-38.49*	
		Note: Also for use with new interiors in panelboards.		
		For Bolt-On, Add	*137.14*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*46.19*	
26 28 16 13-0083	EA	150 To 225 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	1,290.54	89.81
		For Installation In New Panelboard, Deduct	*-49.72*	
		Note: Also for use with new interiors in panelboards.		
		For Bolt-On, Add	*196.12*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*59.66*	
26 28 16 13-0084	EA	250 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	1,524.72	103.92
		For Installation In New Panelboard, Deduct	*-57.73*	
		Note: Also for use with new interiors in panelboards.		
		For Bolt-On, Add	*231.00*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.28*	
26 28 16 13-0085	EA	300 To 400 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	1,650.10	110.33
		For Installation In New Panelboard, Deduct	*-60.94*	
		Note: Also for use with new interiors in panelboards.		
		For Bolt-On, Add	*248.92*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*73.13*	

26 28 16 13-0086 Branch Circuit Breakers 30,000 Amperes Interrupting Capacity, Plug-On *(26 28 16 13-0001)*

Note: Includes connection of electrical wire.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0087	EA	2 Pole, 240/480 Volt, 15-30 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	295.32	34.64
		For Bolt-On, Add	*50.39*	
		For Installation In New Panelboard, Deduct	*-19.25*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.09*	
26 28 16 13-0088	EA	2 Pole, 240/480 Volt, 35-60 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	295.32	34.64
		For Bolt-On, Add	*50.39*	
		For Installation In New Panelboard, Deduct	*-19.25*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.09*	
26 28 16 13-0089	EA	2 Pole, 240/480 Volt, 70-100 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	531.21	46.19
		For Bolt-On, Add	*84.36*	
		For Installation In New Panelboard, Deduct	*-25.66*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.79*	
26 28 16 13-0090	EA	2 Pole, 240/480 Volt, 110-125 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	977.38	57.73
		For Bolt-On, Add	*144.63*	
		For Installation In New Panelboard, Deduct	*-32.08*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.49*	
26 28 16 13-0091	EA	2 Pole, 240/480 Volt, 150-225 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	1,551.24	71.85
		For Bolt-On, Add	*221.97*	
		For Installation In New Panelboard, Deduct	*-40.09*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*48.11*	
26 28 16 13-0092	EA	2 Pole, 240/480 Volt, 250 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	1,766.95	75.06
		For Bolt-On, Add	*250.06*	
		For Installation In New Panelboard, Deduct	*-41.70*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*50.04*	
26 28 16 13-0093	EA	2 Pole, 240/480 Volt, 300-400 Amperes, Branch Circuit Breaker, 30,000 Amperees Interrupting Capacity	1,922.95	86.60
		For Bolt-On, Add	*274.05*	
		For Installation In New Panelboard, Deduct	*-48.11*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*57.73*	
26 28 16 13-0094	EA	3 Pole, 240/480 Volt, 15-30 Amperes, Branch Circuit Breaker, 30,000 Amperees Interrupting Capacity	482.70	46.19
		For Bolt-On, Add	*78.30*	
		For Installation In New Panelboard, Deduct	*-25.66*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.79*	
26 28 16 13-0095	EA	3 Pole, 240/480 Volt, 35-60 Amperes, Branch Circuit Breaker, 30,000 Amperees Interrupting Capacity	482.70	46.19
		For Bolt-On, Add	*78.30*	
		For Installation In New Panelboard, Deduct	*-25.66*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.79*	
26 28 16 13-0096	EA	3 Pole, 240/480 Volt, 70-100 Amperes, Branch Circuit Breaker, 30,000 Amperees Interrupting Capacity	642.60	57.73
		For Bolt-On, Add	*102.78*	
		For Installation In New Panelboard, Deduct	*-32.08*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.49*	
26 28 16 13-0097	EA	3 Pole, 240/480 Volt, 110-125 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	1,189.02	69.28
		For Bolt-On, Add	*175.57*	
		For Installation In New Panelboard, Deduct	*-38.49*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*46.19*	
26 28 16 13-0098	EA	3 Pole, 240/480 Volt, 150-225 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	1,501.88	89.81
		For Bolt-On, Add	*222.54*	
		For Installation In New Panelboard, Deduct	*-49.72*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*59.66*	
26 28 16 13-0099	EA	3 Pole, 240/480 Volt, 250 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	2,402.98	103.92
		For Bolt-On, Add	*340.79*	
		For Installation In New Panelboard, Deduct	*-57.73*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.28*	
26 28 16 13-0100	EA	3 Pole, 240/480 Volt, 300-400 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	2,559.43	110.33
		For Bolt-On, Add	*362.59*	
		For Installation In New Panelboard, Deduct	*-60.94*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*73.13*	

26 28 16 13-0101 Branch Circuit Breakers 35,000 Amperes Interrupting Capacity, Plug-On *(26 28 16 13-0001)*

Note: Includes connection of electrical wire.

26 28 16 13-0102	EA	1 Pole, 480 Volt, 15-30 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	154.60	23.09
		For Bolt-On, Add	*28.31*	
		For Installation In New Panelboard, Deduct	*-12.83*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.40*	
26 28 16 13-0103	EA	1 Pole, 480 Volt, 35-60 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	154.60	23.09
		For Bolt-On, Add	*28.31*	
		For Installation In New Panelboard, Deduct	*-12.83*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0104	EA	1 Pole, 480 Volt, 70-100 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	269.42	28.87
		For Bolt-On, Add	*44.90*	
		For Installation In New Panelboard, Deduct	*-16.04*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.24*	
26 28 16 13-0105	EA	2 Pole, 480 Volt, 15-30 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	338.36	34.64
		For Bolt-On, Add	*55.77*	
		For Installation In New Panelboard, Deduct	*-19.25*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.09*	
26 28 16 13-0106	EA	2 Pole, 480 Volt, 35-60 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	338.36	34.64
		For Bolt-On, Add	*55.77*	
		For Installation In New Panelboard, Deduct	*-19.25*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.09*	
26 28 16 13-0107	EA	2 Pole, 480 Volt, 70-100 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	620.28	46.19
		For Bolt-On, Add	*95.50*	
		For Installation In New Panelboard, Deduct	*-25.66*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.79*	
26 28 16 13-0108	EA	2 Pole, 480 Volt, 110-125 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	1,155.29	57.73
		For Bolt-On, Add	*166.86*	
		For Installation In New Panelboard, Deduct	*-32.08*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.49*	
26 28 16 13-0109	EA	2 Pole, 480 Volt, 150-225 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	2,253.92	71.85
		For Bolt-On, Add	*309.80*	
		For Installation In New Panelboard, Deduct	*-40.09*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*48.11*	
26 28 16 13-0110	EA	3 Pole, 480 Volt, 15-30 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	560.36	46.19
		For Bolt-On, Add	*88.01*	
		For Installation In New Panelboard, Deduct	*-25.66*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.79*	
26 28 16 13-0111	EA	3 Pole, 480 Volt, 35-60 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	560.36	46.19
		For Bolt-On, Add	*88.01*	
		For Installation In New Panelboard, Deduct	*-25.66*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.79*	
26 28 16 13-0112	EA	3 Pole, 480 Volt, 70-100 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	750.50	57.73
		For Bolt-On, Add	*116.27*	
		For Installation In New Panelboard, Deduct	*-32.08*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.49*	
26 28 16 13-0113	EA	3 Pole, 480 Volt, 110-125 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	1,423.53	69.28
		For Bolt-On, Add	*204.88*	
		For Installation In New Panelboard, Deduct	*-38.49*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*46.19*	
26 28 16 13-0114	EA	3 Pole, 480 Volt, 150-225 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	2,802.43	89.81
		For Bolt-On, Add	*385.10*	
		For Installation In New Panelboard, Deduct	*-49.72*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*59.66*	
26 28 16 13-0115		Branch Circuit Breakers 42,000 Amperes Interrupting Capacity, Plug-On *(26 28 16 13-0001)*		
		Note: Includes connection of electrical wire.		
26 28 16 13-0116	EA	15 To 30 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	229.22	23.09
		For Installation In New Panelboard, Deduct	*-12.83*	
		Note: Also for use with new interiors in panelboards.		
		For Bolt-On, Add	*37.63*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.40*	
26 28 16 13-0117	EA	35 To 60 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Ampere Interrupting Capacity	229.22	23.09
		For Installation In New Panelboard, Deduct	*-12.83*	
		Note: Also for use with new interiors in panelboards.		
		For Bolt-On, Add	*37.63*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.40*	
26 28 16 13-0118	EA	70 To 100 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	348.78	28.87
		For Installation In New Panelboard, Deduct	*-16.04*	
		Note: Also for use with new interiors in panelboards.		
		For Bolt-On, Add	*54.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.24*	
26 28 16 13-0119	EA	15 To 30 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	424.70	34.64
		For Installation In New Panelboard, Deduct	*-19.25*	
		Note: Also for use with new interiors in panelboards.		
		For Bolt-On, Add	*66.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.09*	
26 28 16 13-0120	EA	35 To 60 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	424.70	34.64
		For Installation In New Panelboard, Deduct	*-19.25*	
		Note: Also for use with new interiors in panelboards.		
		For Bolt-On, Add	*66.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.09*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0121	EA	70 To 100 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	806.16	46.19
		For Installation In New Panelboard, Deduct	*-25.66*	
		Note: Also for use with new interiors in panelboards.		
		For Bolt-On, Add	*118.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.79*	
26 28 16 13-0122	EA	110 To 125 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	1,470.66	57.73
		For Installation In New Panelboard, Deduct	*-32.08*	
		Note: Also for use with new interiors in panelboards.		
		For Bolt-On, Add	*206.29*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.49*	
26 28 16 13-0123	EA	150 To 225 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	2,947.14	64.14
		For Installation In New Panelboard, Deduct	*-35.28*	
		Note: Also for use with new interiors in panelboards.		
		For Bolt-On, Add	*393.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*42.34*	
26 28 16 13-0124	EA	15 To 30 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	733.38	46.19
		For Installation In New Panelboard, Deduct	*-25.66*	
		Note: Also for use with new interiors in panelboards.		
		For Bolt-On, Add	*109.63*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.79*	
26 28 16 13-0125	EA	35 To 60 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	733.38	46.19
		For Installation In New Panelboard, Deduct	*-25.66*	
		Note: Also for use with new interiors in panelboards.		
		For Bolt-On, Add	*109.63*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.79*	
26 28 16 13-0126	EA	70 To 100 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	1,017.82	57.73
		For Installation In New Panelboard, Deduct	*-32.08*	
		Note: Also for use with new interiors in panelboards.		
		For Bolt-On, Add	*149.68*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.49*	
26 28 16 13-0127	EA	110 To 125 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	1,658.04	69.28
		For Installation In New Panelboard, Deduct	*-38.49*	
		Note: Also for use with new interiors in panelboards.		
		For Bolt-On, Add	*234.20*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*46.19*	
26 28 16 13-0128	EA	150 To 225 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	3,716.49	89.81
		For Installation In New Panelboard, Deduct	*-49.72*	
		Note: Also for use with new interiors in panelboards.		
		For Bolt-On, Add	*499.36*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*59.66*	

26 28 16 13-0129 Branch Circuit Breakers 65,000 Amperes Interrupting Capacity, Plug-On *(26 28 16 13-0001)*

Note: Includes connection of electrical wire.

26 28 16 13-0130	EA	15 To 30 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	100.41	23.09
		For Bolt-On, Add	*21.53*	
		For Installation In New Panelboard, Deduct	*-12.83*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.40*	
26 28 16 13-0131	EA	15 To 30 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	215.32	34.64
		For Bolt-On, Add	*40.39*	
		For Installation In New Panelboard, Deduct	*-19.25*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.09*	
26 28 16 13-0132	EA	15 To 30 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	343.61	46.19
		For Bolt-On, Add	*60.91*	
		For Installation In New Panelboard, Deduct	*-25.66*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.79*	
26 28 16 13-0133	EA	15 To 30 Amperes, 1 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	216.43	23.09
		For Bolt-On, Add	*36.03*	
		For Installation In New Panelboard, Deduct	*-12.83*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.40*	
26 28 16 13-0134	EA	35 To 60 Amperes, 1 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	216.43	23.09
		For Bolt-On, Add	*36.03*	
		For Installation In New Panelboard, Deduct	*-12.83*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.40*	
26 28 16 13-0135	EA	70 To 100 Amperes, 1 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	430.94	46.19
		For Bolt-On, Add	*71.83*	
		For Installation In New Panelboard, Deduct	*-25.66*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.79*	
26 28 16 13-0136	EA	15 To 30 Amperes, 2 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	495.82	34.64
		For Bolt-On, Add	*75.45*	
		For Installation In New Panelboard, Deduct	*-19.25*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.09*	
26 28 16 13-0137	EA	35 To 60 Amperes, 2 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	495.82	34.64
		For Bolt-On, Add	*75.45*	
		For Installation In New Panelboard, Deduct	*-19.25*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.09*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0138	EA	70 To 100 Amperes, 2 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	966.45	46.19
		For Bolt-On, Add	*138.77*	
		For Installation In New Panelboard, Deduct	*-25.66*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.79*	
26 28 16 13-0139	EA	110 To 125 Amperes, 2 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	1,648.56	57.73
		For Bolt-On, Add	*228.52*	
		For Installation In New Panelboard, Deduct	*-32.08*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.49*	
26 28 16 13-0140	EA	150 To 225 Amperes, 2 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	3,650.69	71.85
		For Bolt-On, Add	*484.40*	
		For Installation In New Panelboard, Deduct	*-40.09*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*48.11*	
26 28 16 13-0141	EA	15 To 30 Amperes, 3 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	835.12	46.19
		For Bolt-On, Add	*122.35*	
		For Installation In New Panelboard, Deduct	*-25.66*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.79*	
26 28 16 13-0142	EA	35 To 60 Amperes, 3 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	835.12	46.19
		For Bolt-On, Add	*122.35*	
		For Installation In New Panelboard, Deduct	*-25.66*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.79*	
26 28 16 13-0143	EA	70 To 100 Amperes, 3 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	1,165.52	57.73
		For Bolt-On, Add	*168.14*	
		For Installation In New Panelboard, Deduct	*-32.08*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.49*	
26 28 16 13-0144	EA	110 To 125 Amperes, 3 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	1,787.42	69.28
		For Bolt-On, Add	*250.37*	
		For Installation In New Panelboard, Deduct	*-38.49*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*46.19*	
26 28 16 13-0145	EA	150 To 225 Amperes, 3 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	4,539.62	89.81
		For Bolt-On, Add	*602.25*	
		For Installation In New Panelboard, Deduct	*-49.72*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*59.66*	

26 28 16 16 Enclosed Switches *(26 28 16)*

26 28 16 16-0001 Motor And Circuit Disconnects *(26 28 16 16)*

Note: Work includes mounting, material handling, uploading at job site and termination of all conductors entering and leaving the disconnect.

26 28 16 16-0002 NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0001)*

26 28 16 16-0003 Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0002)*

Note: Includes fuses and neutral bar.

26 28 16 16-0004 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0003)*

26 28 16 16-0005	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	481.22	128.30
26 28 16 16-0006	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	758.45	154.59
26 28 16 16-0007	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,043.89	180.90
26 28 16 16-0008	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,799.28	284.81
26 28 16 16-0009	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,833.73	442.62
26 28 16 16-0010	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	6,405.88	654.31
26 28 16 16-0011	EA	800 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	8,744.51	769.78
26 28 16 16-0012	EA	1,200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	11,746.68	898.07

26 28 16 16-0013 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0003)*

26 28 16 16-0014	EA	30 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	734.77	142.54
26 28 16 16-0015	EA	60 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	886.53	171.79
26 28 16 16-0016	EA	100 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,413.17	200.78
26 28 16 16-0017	EA	200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,088.50	316.89
26 28 16 16-0018	EA	400 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	4,566.27	491.63

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0019	EA	600 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	7,120.12	726.67
26 28 16 16-0020	EA	800 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	10,539.09	854.84
26 28 16 16-0021	EA	1,200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	14,406.33	997.88
26 28 16 16-0022		**240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0003)*		
26 28 16 16-0023	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	683.70	201.42
26 28 16 16-0024	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,008.84	267.50
26 28 16 16-0025	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,361.16	297.00
26 28 16 16-0026	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,153.41	465.07
26 28 16 16-0027	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	4,482.02	763.36
26 28 16 16-0028	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	7,297.74	1,069.34
26 28 16 16-0029		**600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0003)*		
26 28 16 16-0030	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	895.13	222.59
26 28 16 16-0031	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,137.08	297.00
26 28 16 16-0032	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,679.95	334.21
26 28 16 16-0033	EA	200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,472.85	509.33
26 28 16 16-0034	EA	400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	5,521.13	822.38
26 28 16 16-0035	EA	600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	8,890.55	1,188.02
26 28 16 16-0036	EA	800 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	14,167.93	1,411.26
26 28 16 16-0037	EA	1,200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	18,119.43	1,603.70
26 28 16 16-0038		**240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0003)*		
26 28 16 16-0039	EA	30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	662.13	201.42
26 28 16 16-0040	EA	60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	980.96	267.50
26 28 16 16-0041	EA	100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,310.44	297.00
26 28 16 16-0042	EA	200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,223.16	465.07
26 28 16 16-0043	EA	400 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	4,875.13	763.36
26 28 16 16-0044	EA	600 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	7,889.14	1,069.34
26 28 16 16-0045	EA	800 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	13,075.92	1,347.10
26 28 16 16-0046	EA	1,200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	16,128.32	1,539.55
26 28 16 16-0047		**600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0003)*		
26 28 16 16-0048	EA	30 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	974.29	222.59
26 28 16 16-0049	EA	60 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,234.35	297.00
26 28 16 16-0050	EA	100 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,822.18	334.21
26 28 16 16-0051	EA	200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,685.77	509.33
26 28 16 16-0052	EA	400 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	5,975.39	822.38
26 28 16 16-0053	EA	600 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	9,692.83	1,188.02
26 28 16 16-0054	EA	800 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	15,499.91	1,411.26
26 28 16 16-0055	EA	1,200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	19,558.25	1,603.70

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0056		Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0002)*		
26 28 16 16-0057		240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0056)*		
26 28 16 16-0058	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	467.57	185.65
26 28 16 16-0059	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	727.13	258.26
26 28 16 16-0060	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,003.72	297.00
26 28 16 16-0061	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,572.14	475.21
26 28 16 16-0062	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,176.47	791.97
26 28 16 16-0063	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	5,199.58	1,080.00
26 28 16 16-0064	EA	800 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	7,435.31	1,282.96
26 28 16 16-0065	EA	1,200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	9,823.57	1,497.34
26 28 16 16-0066		600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0056)*		
26 28 16 16-0067	EA	30 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	516.46	204.89
26 28 16 16-0068	EA	60 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	823.53	289.82
26 28 16 16-0069	EA	100 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,134.62	329.98
26 28 16 16-0070	EA	200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,760.92	516.52
26 28 16 16-0071	EA	400 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,417.70	848.55
26 28 16 16-0072	EA	600 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	5,750.95	1,187.89
26 28 16 16-0073	EA	800 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	8,249.53	1,282.96
26 28 16 16-0074	EA	1,200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	10,938.62	1,497.34
26 28 16 16-0075		240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0056)*		
26 28 16 16-0076	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	545.08	166.79
26 28 16 16-0077	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	834.95	232.21
26 28 16 16-0078	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,127.71	267.50
26 28 16 16-0079	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,771.54	427.86
26 28 16 16-0080	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,550.91	712.68
26 28 16 16-0081	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	5,729.34	971.84
26 28 16 16-0082	EA	800 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	9,874.03	1,154.66
26 28 16 16-0083	EA	1,200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	12,871.42	1,347.10
26 28 16 16-0084		480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0056)*		
26 28 16 16-0085	EA	30 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	594.63	184.10
26 28 16 16-0086	EA	60 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	918.06	261.09
26 28 16 16-0087	EA	100 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,229.46	297.00
26 28 16 16-0088	EA	200 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,911.35	465.07
26 28 16 16-0089	EA	400 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,804.53	763.36
26 28 16 16-0090	EA	600 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	6,194.12	1,069.34
26 28 16 16-0091	EA	800 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	10,412.70	1,154.66

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0092		600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0056)*		
26 28 16 16-0093	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	634.79	184.36
26 28 16 16-0094	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	986.55	260.82
26 28 16 16-0095	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,340.86	297.00
26 28 16 16-0096	EA	200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,082.93	464.81
26 28 16 16-0097	EA	400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	4,044.54	763.61
26 28 16 16-0098	EA	600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	6,904.43	1,069.09
26 28 16 16-0099	EA	800 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	11,223.60	1,154.66
26 28 16 16-0100	EA	1,200 Amperes, 600 Volt Class, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	14,688.17	1,347.10
26 28 16 16-0101		240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0056)*		
26 28 16 16-0102	EA	30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	930.86	167.04
26 28 16 16-0103	EA	60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,124.28	232.48
26 28 16 16-0104	EA	100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,724.46	267.24
26 28 16 16-0105	EA	200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,587.70	427.61
26 28 16 16-0106		480 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0056)*		
26 28 16 16-0107	EA	30 Amperes, 480 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,008.06	184.10
26 28 16 16-0108	EA	60 Amperes, 480 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,228.09	261.09
26 28 16 16-0109	EA	100 Amperes, 480 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,868.86	297.00
26 28 16 16-0110	EA	200 Amperes, 480 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,785.83	465.07
26 28 16 16-0111		600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0056)*		
26 28 16 16-0112	EA	30 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,119.86	184.36
26 28 16 16-0113	EA	60 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,351.40	260.82
26 28 16 16-0114	EA	100 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,090.60	297.00
26 28 16 16-0115	EA	200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,108.85	464.81
26 28 16 16-0116		General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0002)*		
		Note: Includes fuses and neutral bar.		
26 28 16 16-0117		240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0116)*		
26 28 16 16-0118	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	333.73	111.61
26 28 16 16-0119	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	455.04	134.33
26 28 16 16-0120	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	700.41	157.04
26 28 16 16-0121	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,296.86	247.74
26 28 16 16-0122	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,086.39	384.24
26 28 16 16-0123	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	5,773.32	568.74
26 28 16 16-0124		240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0116)*		
26 28 16 16-0125	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	460.96	175.38

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0126	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	650.84	232.48
26 28 16 16-0127	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	902.83	258.26
26 28 16 16-0128	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,611.20	404.26
26 28 16 16-0129	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,648.92	664.06
26 28 16 16-0130	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	6,500.99	929.63
26 28 16 16-0131		240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0116)*		
26 28 16 16-0132	EA	30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	513.12	175.38
26 28 16 16-0133	EA	60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	734.94	232.48
26 28 16 16-0134	EA	100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	979.35	258.26
26 28 16 16-0135	EA	200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,804.00	404.26
26 28 16 16-0136	EA	400 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,978.46	664.06
26 28 16 16-0137	EA	600 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	6,709.88	929.63
26 28 16 16-0138		General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0002)*		
26 28 16 16-0139		240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0138)*		
26 28 16 16-0140	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	455.96	155.23
26 28 16 16-0141	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	607.14	178.46
26 28 16 16-0142	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,372.31	285.21
26 28 16 16-0143	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,944.42	474.69
26 28 16 16-0144	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	5,098.74	646.87
26 28 16 16-0145		240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0138)*		
26 28 16 16-0146	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	430.76	145.23
26 28 16 16-0147	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	590.20	202.06
26 28 16 16-0148	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	898.38	232.48
26 28 16 16-0149	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,546.51	371.93
26 28 16 16-0150	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,235.83	619.92
26 28 16 16-0151	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	5,497.31	844.95
26 28 16 16-0152		NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0001)*		
26 28 16 16-0153		Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0152)* Note: With fuses, neutral bar, and hub if required.		
26 28 16 16-0154		240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0153)*		
26 28 16 16-0155	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	707.03	150.74
26 28 16 16-0156	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,125.25	180.90
26 28 16 16-0157	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,406.50	210.41
26 28 16 16-0158	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,058.68	320.74
26 28 16 16-0159	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	4,550.59	513.18
26 28 16 16-0160	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	7,977.23	684.46

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0161	EA	800 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	11,962.41	769.78
26 28 16 16-0162	EA	1,200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	15,852.38	898.07
26 28 16 16-0163		600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0153)*		
26 28 16 16-0164	EA	30 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,217.32	200.91
26 28 16 16-0165	EA	60 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,449.52	246.32
26 28 16 16-0166	EA	100 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,057.92	282.89
26 28 16 16-0167	EA	200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,899.26	424.28
26 28 16 16-0168	EA	400 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	6,311.15	694.21
26 28 16 16-0169	EA	600 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	11,608.75	954.64
26 28 16 16-0170	EA	800 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	17,070.27	1,099.24
26 28 16 16-0171	EA	1,200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	18,804.37	1,237.41
26 28 16 16-0172		240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0153)*		
26 28 16 16-0173	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	901.57	237.35
26 28 16 16-0174	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,431.58	314.33
26 28 16 16-0175	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,725.70	345.11
26 28 16 16-0176	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,558.63	534.36
26 28 16 16-0177	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	5,535.49	891.01
26 28 16 16-0178	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	9,236.31	1,188.02
26 28 16 16-0179		600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0153)*		
26 28 16 16-0180	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,380.63	281.35
26 28 16 16-0181	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,647.19	344.86
26 28 16 16-0182	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,205.88	395.92
26 28 16 16-0183	EA	200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	3,204.22	594.01
26 28 16 16-0184	EA	400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	6,750.02	971.97
26 28 16 16-0185	EA	600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	12,196.31	1,336.46
26 28 16 16-0186	EA	800 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	17,267.96	1,539.55
26 28 16 16-0187	EA	1,200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	20,671.46	1,732.00
26 28 16 16-0188		240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0153)*		
26 28 16 16-0189	EA	30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	990.02	237.35
26 28 16 16-0190	EA	60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,434.15	314.33
26 28 16 16-0191	EA	100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,850.07	345.11
26 28 16 16-0192	EA	200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,641.58	534.36
26 28 16 16-0193	EA	400 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	5,611.58	891.01
26 28 16 16-0194	EA	600 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	10,073.26	1,188.02
26 28 16 16-0195	EA	800 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	16,818.82	1,347.10

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26 28 16 16-0196	EA	1,200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	20,966.27	1,539.55
26 28 16 16-0197		600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0153)*		
26 28 16 16-0198	EA	30 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,431.38	281.61
26 28 16 16-0199	EA	60 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,704.25	345.11
26 28 16 16-0200	EA	100 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,332.69	395.80
26 28 16 16-0201	EA	200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	3,286.65	594.01
26 28 16 16-0202	EA	400 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	7,048.02	971.84
26 28 16 16-0203	EA	600 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	12,538.70	1,336.20
26 28 16 16-0204	EA	800 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	18,346.10	1,539.55
26 28 16 16-0205	EA	1,200 Amperes, 600 Volt Class, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	22,092.59	1,732.00
26 28 16 16-0206		Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0152)*		
26 28 16 16-0207		240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0206)*		
26 28 16 16-0208	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	671.37	132.02
26 28 16 16-0209	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,096.70	182.82
26 28 16 16-0210	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,442.40	209.64
26 28 16 16-0211	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,918.25	339.47
26 28 16 16-0212	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	4,273.60	566.29
26 28 16 16-0213	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	7,797.47	755.02
26 28 16 16-0214	EA	800 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	12,549.66	898.46
26 28 16 16-0215	EA	1,200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	16,569.61	1,026.75
26 28 16 16-0216		600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0206)*		
26 28 16 16-0217	EA	30 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	755.94	145.48
26 28 16 16-0218	EA	60 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,242.89	203.61
26 28 16 16-0219	EA	100 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,628.82	229.91
26 28 16 16-0220	EA	200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,129.28	356.40
26 28 16 16-0221	EA	400 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	4,850.86	594.01
26 28 16 16-0222	EA	600 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	8,419.01	791.97
26 28 16 16-0223	EA	800 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	13,384.12	941.18
26 28 16 16-0224	EA	1,200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	17,665.12	1,069.09
26 28 16 16-0225		240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0206)*		
26 28 16 16-0226	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	803.37	197.96
26 28 16 16-0227	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,279.46	274.17
26 28 16 16-0228	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,652.03	314.46
26 28 16 16-0229	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,257.65	509.20
26 28 16 16-0230	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	4,903.57	849.31
26 28 16 16-0231	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	8,677.25	1,132.21

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0232	EA	800 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	13,587.43	1,347.10
26 28 16 16-0233	EA	1,200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	17,992.74	1,539.55
26 28 16 16-0234		480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0206)*		
26 28 16 16-0235	EA	30 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	872.87	218.11
26 28 16 16-0236	EA	60 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,394.35	305.47
26 28 16 16-0237	EA	100 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,785.97	344.86
26 28 16 16-0238	EA	200 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,397.09	534.61
26 28 16 16-0239	EA	400 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	5,215.53	890.88
26 28 16 16-0240	EA	600 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	9,246.00	1,187.89
26 28 16 16-0241	EA	800 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	14,493.56	1,411.26
26 28 16 16-0242	EA	1,200 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	19,184.19	1,603.70
26 28 16 16-0243		600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0206)*		
26 28 16 16-0244	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	469.39	218.11
26 28 16 16-0245	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,446.54	305.47
26 28 16 16-0246	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,858.74	344.86
26 28 16 16-0247	EA	200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,485.65	534.61
26 28 16 16-0248	EA	400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	5,444.82	890.88
26 28 16 16-0249	EA	600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	9,210.96	1,187.89
26 28 16 16-0250	EA	800 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	14,473.93	1,411.26
26 28 16 16-0251	EA	1,200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	19,157.48	1,603.70
26 28 16 16-0252		General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0152)* Note: With fuses, neutral bar, and hub if required.		
26 28 16 16-0253		240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0252)*		
26 28 16 16-0254	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	431.93	131.11
26 28 16 16-0255	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	609.85	157.29
26 28 16 16-0256	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	802.42	182.95
26 28 16 16-0257	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,647.00	278.91
26 28 16 16-0258	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	4,032.25	446.21
26 28 16 16-0259	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	7,150.09	595.29
26 28 16 16-0260		240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0252)*		
26 28 16 16-0261	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	583.59	206.68
26 28 16 16-0262	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	842.56	273.40
26 28 16 16-0263	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,035.90	299.96
26 28 16 16-0264	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,019.97	464.81
26 28 16 16-0265	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	4,691.57	774.65
26 28 16 16-0266	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	8,035.87	1,033.30

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		MINOR CSI UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0267			240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0252)*		
26 28 16 16-0268	EA		30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	656.69	206.55
26 28 16 16-0269	EA		60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	915.90	273.40
26 28 16 16-0270	EA		100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,271.95	299.96
26 28 16 16-0271	EA		200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,172.41	464.81
26 28 16 16-0272	EA		400 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	4,789.50	774.78
26 28 16 16-0273	EA		600 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	8,800.26	1,033.30
26 28 16 16-0274	EA		800 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	12,580.61	1,170.57
26 28 16 16-0275			General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0152)*		
26 28 16 16-0276			240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0275)*		
26 28 16 16-0277	EA		30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	389.81	114.82
26 28 16 16-0278	EA		60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	638.37	158.96
26 28 16 16-0279	EA		100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	670.78	182.31
26 28 16 16-0280	EA		200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,680.08	295.08
26 28 16 16-0281	EA		400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	4,125.44	492.40
26 28 16 16-0282	EA		600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	7,275.91	656.49
26 28 16 16-0283			240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0275)*		
26 28 16 16-0284	EA		30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	610.26	172.17
26 28 16 16-0285	EA		60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	878.65	238.38
26 28 16 16-0286	EA		100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,287.62	273.40
26 28 16 16-0287	EA		200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,213.83	442.74
26 28 16 16-0288			NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0001)*		
26 28 16 16-0289			Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0288)*		
			Note: With fuses and neutral bar (stainless steel).		
26 28 16 16-0290			240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0289)*		
26 28 16 16-0291	EA		30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,881.91	128.30
26 28 16 16-0292	EA		60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,260.64	154.59
26 28 16 16-0293	EA		100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,614.23	180.64
26 28 16 16-0294	EA		200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	6,381.44	285.08
26 28 16 16-0295	EA		400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	12,975.65	442.36
26 28 16 16-0296	EA		600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	18,651.20	654.06
26 28 16 16-0297			600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0289)*		
26 28 16 16-0298	EA		30 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,388.53	142.54
26 28 16 16-0299	EA		60 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,655.92	171.66
26 28 16 16-0300	EA		100 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,988.81	200.66

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0301	EA	200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	7,050.07	316.89
26 28 16 16-0302	EA	400 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	13,474.76	491.89
26 28 16 16-0303	EA	600 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	19,320.52	726.67
26 28 16 16-0304		240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0289)*		
26 28 16 16-0305	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,113.78	201.68
26 28 16 16-0306	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,649.14	267.24
26 28 16 16-0307	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	5,057.29	297.00
26 28 16 16-0308	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	7,188.37	464.81
26 28 16 16-0309	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	14,018.23	763.61
26 28 16 16-0310	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	20,005.51	1,069.09
26 28 16 16-0311		600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0289)*		
26 28 16 16-0312	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,555.45	222.73
26 28 16 16-0313	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,913.68	297.00
26 28 16 16-0314	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	5,269.90	334.08
26 28 16 16-0315	EA	200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	7,454.43	509.07
26 28 16 16-0316	EA	400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	14,476.68	822.38
26 28 16 16-0317	EA	600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	20,599.42	1,187.89
26 28 16 16-0318		240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0289)*		
26 28 16 16-0319	EA	30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,527.34	201.68
26 28 16 16-0320	EA	60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,166.15	267.24
26 28 16 16-0321	EA	100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	6,091.81	297.00
26 28 16 16-0322	EA	200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	8,603.03	464.81
26 28 16 16-0323	EA	400 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	16,802.47	763.61
26 28 16 16-0324	EA	600 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	23,831.73	1,069.09
26 28 16 16-0325		600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0289)*		
26 28 16 16-0326	EA	30 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,044.13	222.73
26 28 16 16-0327	EA	60 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,467.83	297.00
26 28 16 16-0328	EA	100 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	6,325.88	334.08
26 28 16 16-0329	EA	200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	8,880.92	509.07
26 28 16 16-0330	EA	400 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	17,298.48	822.38
26 28 16 16-0331	EA	600 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	24,477.80	1,187.89
26 28 16 16-0332		Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0288)*		
26 28 16 16-0333		240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0332)*		
26 28 16 16-0334	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,805.59	128.30
26 28 16 16-0335	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,197.51	178.46

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0336	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,137.92	205.27
26 28 16 16-0337	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	5,740.75	327.92
26 28 16 16-0338	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	10,451.87	546.03
26 28 16 16-0339	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	14,969.98	743.86
26 28 16 16-0340		600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0332)*		
26 28 16 16-0341	EA	30 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,053.42	141.51
26 28 16 16-0342	EA	60 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,503.60	200.14
26 28 16 16-0343	EA	100 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,715.99	228.11
26 28 16 16-0344	EA	200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	6,524.15	356.40
26 28 16 16-0345	EA	400 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	11,870.08	586.56
26 28 16 16-0346	EA	600 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	17,050.66	821.09
26 28 16 16-0347		240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0332)*		
26 28 16 16-0348	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,883.10	167.04
26 28 16 16-0349	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,276.06	232.48
26 28 16 16-0350	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,375.06	267.24
26 28 16 16-0351	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,582.65	427.61
26 28 16 16-0352	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	6,510.35	712.81
26 28 16 16-0353	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	15,870.17	971.97
26 28 16 16-0354		600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0332)*		
26 28 16 16-0355	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,138.95	184.36
26 28 16 16-0356	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,624.95	260.82
26 28 16 16-0357	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,853.77	297.00
26 28 16 16-0358	EA	200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	6,740.92	464.81
26 28 16 16-0359	EA	400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	13,460.66	763.61
26 28 16 16-0360	EA	600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	18,054.03	1,069.09
26 28 16 16-0361		240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0332)*		
26 28 16 16-0362	EA	30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,590.13	167.04
26 28 16 16-0363	EA	60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,105.36	232.48
26 28 16 16-0364	EA	100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	6,990.97	267.24
26 28 16 16-0365	EA	200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	10,664.43	427.61
26 28 16 16-0366		600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0332)*		
26 28 16 16-0367	EA	30 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,946.98	184.36
26 28 16 16-0368	EA	60 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,539.27	260.82
26 28 16 16-0369	EA	100 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	7,972.70	297.00

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0370	EA	200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	12,140.10	464.81
26 28 16 16-0371		Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0288)*		
26 28 16 16-0372		600 Volt Class, 3 Phase, 3 Pole, Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0371)*		
26 28 16 16-0373	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,919.11	222.59
26 28 16 16-0374	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,456.51	297.00
26 28 16 16-0375	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	8,064.34	334.21
26 28 16 16-0376		600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0371)*		
26 28 16 16-0377	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,675.04	184.10
26 28 16 16-0378	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,200.08	261.09
26 28 16 16-0379	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	7,638.82	297.00
26 28 16 16-0380		NEMA 7 Or 9 Enclosures, Neutral Kit, Safety Switches *(26 28 16 16-0001)* Note: Class 1, groups C and D, division 1 or 2, NEMA 7; Class 2, groups E, F and G, division 1 or 2, NEMA 9; or Class 3, division 1 Or 2, NEMA 9, hazardous locations as defined in NEC article 500.		
26 28 16 16-0381		Heavy-Duty Fusible, NEMA 7 Or 9 Enclosures, Neutral Kit, Safety Switches *(26 28 16 16-0380)* Note: With fuses and neutral bar.		
26 28 16 16-0382	EA	30 Amperes, 240 Volt, 3 Phase, Heavy-Duty Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch	3,098.63	256.60
26 28 16 16-0383	EA	60 Amperes, 240 Volt, 3 Phase, Heavy-Duty Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch	3,498.79	305.47
26 28 16 16-0384	EA	100 Amperes, 240 Volt, 3 Phase, Heavy-Duty Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch	3,880.00	344.86
26 28 16 16-0385	EA	200 Amperes, 240 Volt, 3 Phase, Heavy-Duty Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch	8,235.83	534.61
26 28 16 16-0386		Heavy-Duty Non-Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0380)*		
26 28 16 16-0387	EA	60 Amperes, 240 Volt, 3 Phase, Heavy-Duty Non-Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch	2,405.48	305.47
26 28 16 16-0388	EA	100 Amperes, 240 Volt, 3 Phase, Heavy-Duty Non-Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch	2,815.25	344.86
26 28 16 16-0389	EA	200 Amperes, 240 Volt, 3 Phase, Heavy-Duty Non-Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch	5,176.77	534.61
26 28 16 16-0390		NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0001)*		
26 28 16 16-0391		Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0390)* Note: With fuses and neutral bar.		
26 28 16 16-0392		240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0391)*		
26 28 16 16-0393	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	685.85	128.30
26 28 16 16-0394	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	895.80	154.59
26 28 16 16-0395	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,222.74	180.90
26 28 16 16-0396	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,062.58	284.81
26 28 16 16-0397	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	4,403.79	442.62
26 28 16 16-0398	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	7,952.95	654.31
26 28 16 16-0399		600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0391)*		
26 28 16 16-0400	EA	30 Amperes, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,077.68	142.41
26 28 16 16-0401	EA	60 Amperes, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,110.84	171.92
26 28 16 16-0402	EA	100 Amperes, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,600.70	200.78
26 28 16 16-0403	EA	200 Amperes, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,504.32	316.89
26 28 16 16-0404	EA	400 Amperes, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	5,466.62	491.38
26 28 16 16-0405	EA	600 Amperes, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	10,817.25	726.80

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0406		**240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0391)*		
26 28 16 16-0407	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	952.88	201.42
26 28 16 16-0408	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,320.12	267.50
26 28 16 16-0409	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,803.03	297.00
26 28 16 16-0410	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,679.60	465.07
26 28 16 16-0411	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	5,261.90	763.36
26 28 16 16-0412	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	8,449.69	1,069.34
26 28 16 16-0413		**600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0391)*		
26 28 16 16-0414	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,269.75	222.59
26 28 16 16-0415	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,437.25	297.00
26 28 16 16-0416	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,120.18	334.21
26 28 16 16-0417	EA	200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	3,085.24	509.33
26 28 16 16-0418	EA	400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	6,469.96	822.38
26 28 16 16-0419	EA	600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	12,178.33	1,188.02
26 28 16 16-0420		**240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0391)*		
26 28 16 16-0421	EA	30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,018.49	201.42
26 28 16 16-0422	EA	60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,365.19	267.50
26 28 16 16-0423	EA	100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,944.50	297.00
26 28 16 16-0424	EA	200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,857.22	465.07
26 28 16 16-0425	EA	400 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	5,737.46	763.36
26 28 16 16-0426	EA	600 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	8,770.97	1,069.34
26 28 16 16-0427		**600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0391)*		
26 28 16 16-0428	EA	30 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,345.82	222.59
26 28 16 16-0429	EA	60 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,640.16	297.00
26 28 16 16-0430	EA	100 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,259.70	334.21
26 28 16 16-0431	EA	200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	3,351.53	509.33
26 28 16 16-0432	EA	400 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	6,901.11	822.38
26 28 16 16-0433	EA	600 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	12,533.39	1,188.02
26 28 16 16-0434		**Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0390)*		
26 28 16 16-0435		**240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0434)*		
26 28 16 16-0436	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	717.78	185.39
26 28 16 16-0437	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	951.67	258.52
26 28 16 16-0438	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,262.63	297.00
26 28 16 16-0439	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,799.92	475.33
26 28 16 16-0440	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	3,962.81	792.22

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0441	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	6,278.21	1,080.25
26 28 16 16-0442		**600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0434)*		
26 28 16 16-0443	EA	30 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	800.09	204.63
26 28 16 16-0444	EA	60 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,057.66	289.95
26 28 16 16-0445	EA	100 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,407.27	329.72
26 28 16 16-0446	EA	200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,955.64	516.39
26 28 16 16-0447	EA	400 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	4,195.81	848.67
26 28 16 16-0448	EA	600 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	6,936.63	1,188.02
26 28 16 16-0449		**240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0434)*		
26 28 16 16-0450	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	924.35	166.79
26 28 16 16-0451	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,215.53	232.21
26 28 16 16-0452	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,620.50	267.50
26 28 16 16-0453	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,310.85	427.86
26 28 16 16-0454	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	4,876.69	712.68
26 28 16 16-0455	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	7,703.01	971.84
26 28 16 16-0456		**600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0434)*		
26 28 16 16-0457	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	903.82	184.10
26 28 16 16-0458	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,314.10	261.09
26 28 16 16-0459	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,735.26	297.00
26 28 16 16-0460	EA	200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,280.22	465.07
26 28 16 16-0461	EA	400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	4,894.17	763.36
26 28 16 16-0462	EA	600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	9,176.28	1,069.34
26 28 16 16-0463		**240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0434)*		
26 28 16 16-0464	EA	30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,112.05	166.79
26 28 16 16-0465	EA	60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,322.28	232.21
26 28 16 16-0466	EA	100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,057.80	267.50
26 28 16 16-0467	EA	200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	3,262.94	427.86
26 28 16 16-0468	EA	400 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	5,912.95	545.26
26 28 16 16-0469		**600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0434)*		
26 28 16 16-0470	EA	30 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,154.91	184.10
26 28 16 16-0471	EA	60 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,440.92	261.09
26 28 16 16-0472	EA	100 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,198.12	297.00
26 28 16 16-0473	EA	200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	3,351.76	465.07
26 28 16 16-0474	EA	400 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	6,284.03	718.46
26 28 16 16-0475		**Double Throw Safety Switches** *(26 28 16 16-0001)*		

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0476			NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0475)*		
26 28 16 16-0477			240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0476)*		
	26 28 16 16-0478	EA	30 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	860.84	164.86
	26 28 16 16-0479	EA	60 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,272.20	215.54
	26 28 16 16-0480	EA	100 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,784.84	281.61
	26 28 16 16-0481	EA	200 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	2,380.26	366.28
	26 28 16 16-0482	EA	400 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	5,751.19	458.02
	26 28 16 16-0483	EA	600 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	10,464.99	734.49
	26 28 16 16-0484	EA	800 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	12,001.58	1,026.36
	26 28 16 16-0485	EA	1,000 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	17,693.58	1,154.66
	26 28 16 16-0486	EA	1,200 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	20,849.60	1,282.96
26 28 16 16-0487			240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0476)*		
	26 28 16 16-0488	EA	30 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,085.85	230.93
	26 28 16 16-0489	EA	60 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,516.11	301.50
	26 28 16 16-0490	EA	100 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	2,283.29	394.51
	26 28 16 16-0491	EA	200 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	3,354.13	513.18
	26 28 16 16-0492	EA	400 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	7,924.87	641.48
	26 28 16 16-0493	EA	600 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	11,055.96	1,026.36
	26 28 16 16-0494	EA	800 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	12,943.31	1,154.66
	26 28 16 16-0495	EA	1,000 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	18,519.37	1,282.96
	26 28 16 16-0496	EA	1,200 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	21,958.64	1,411.26
	26 28 16 16-0497	EA	1,600 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	25,434.09	1,667.84
	26 28 16 16-0498	EA	2,000 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	28,947.85	1,924.44
	26 28 16 16-0499	EA	2,600 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	39,427.34	2,181.02
	26 28 16 16-0500	EA	3,000 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	43,305.02	2,437.62
26 28 16 16-0501			240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0476)*		
	26 28 16 16-0502	EA	30 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,443.14	288.66
	26 28 16 16-0503	EA	60 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	2,100.39	377.19
	26 28 16 16-0504	EA	100 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	3,730.84	492.66
	26 28 16 16-0505	EA	200 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	5,111.23	640.20
	26 28 16 16-0506	EA	400 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	10,310.33	801.84
	26 28 16 16-0507	EA	600 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	13,039.42	1,284.88
	26 28 16 16-0508	EA	800 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	16,507.18	1,411.26
	26 28 16 16-0509	EA	1,000 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	21,966.64	1,475.40
	26 28 16 16-0510	EA	1,200 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	24,641.63	1,539.55
	26 28 16 16-0511	EA	1,600 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	30,078.28	1,796.14
	26 28 16 16-0512	EA	2,000 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	34,610.04	2,052.73
	26 28 16 16-0513	EA	2,600 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	49,174.29	2,309.32
	26 28 16 16-0514	EA	3,000 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	54,370.31	2,565.92
26 28 16 16-0515			600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0476)*		
	26 28 16 16-0516	EA	60 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,469.96	215.54
	26 28 16 16-0517	EA	100 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	2,211.24	281.61
	26 28 16 16-0518	EA	200 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	3,260.43	366.28
	26 28 16 16-0519	EA	400 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	7,697.06	458.02
	26 28 16 16-0520	EA	600 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	11,376.12	734.49
	26 28 16 16-0521	EA	800 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	12,996.51	1,026.36
	26 28 16 16-0522	EA	1,000 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	19,232.00	1,154.66
	26 28 16 16-0523	EA	1,200 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	22,677.97	1,282.96
26 28 16 16-0524			600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0476)*		
	26 28 16 16-0525	EA	60 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,641.68	301.50

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0526	EA	100 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	2,436.37	394.51
26 28 16 16-0527	EA	200 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	3,553.00	513.18
26 28 16 16-0528	EA	400 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	8,063.69	641.48
26 28 16 16-0529	EA	600 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	11,961.69	1,026.36
26 28 16 16-0530	EA	800 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	14,006.71	1,154.66
26 28 16 16-0531	EA	1,000 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	19,279.05	1,282.96
26 28 16 16-0532	EA	1,200 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	23,872.27	1,411.26
26 28 16 16-0533	EA	1,600 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	28,859.35	1,667.84
26 28 16 16-0534	EA	2,000 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	32,838.18	1,924.44
26 28 16 16-0535	EA	2,600 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	39,427.28	2,181.02
26 28 16 16-0536	EA	3,000 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	47,147.99	2,437.62
26 28 16 16-0537		600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0476)*		
26 28 16 16-0538	EA	60 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	2,224.14	377.19
26 28 16 16-0539	EA	100 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	3,909.93	492.66
26 28 16 16-0540	EA	200 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	5,481.02	640.20
26 28 16 16-0541	EA	400 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	11,098.70	801.84
26 28 16 16-0542	EA	600 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	13,922.44	1,284.88
26 28 16 16-0543	EA	800 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	17,875.65	1,411.26
26 28 16 16-0544	EA	1,000 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	23,868.23	1,475.40
26 28 16 16-0545	EA	1,200 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	26,797.88	1,539.55
26 28 16 16-0546	EA	1,600 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	32,726.88	1,796.14
26 28 16 16-0547	EA	2,000 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	37,660.50	2,052.73
26 28 16 16-0548	EA	2,600 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	53,629.86	2,309.32
26 28 16 16-0549	EA	3,000 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	59,294.16	2,565.92
26 28 16 16-0550		NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0475)*		
26 28 16 16-0551		240 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0550)*		
26 28 16 16-0552	EA	100 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	2,233.16	281.61
26 28 16 16-0553	EA	200 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	5,131.98	366.28
26 28 16 16-0554	EA	400 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	16,836.14	458.02
26 28 16 16-0555	EA	600 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	28,999.16	734.49
26 28 16 16-0556		240 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0550)*		
26 28 16 16-0557	EA	100 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	2,926.18	393.87
26 28 16 16-0558	EA	200 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	4,728.88	512.54
26 28 16 16-0559	EA	400 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	17,352.78	641.48
26 28 16 16-0560	EA	600 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	18,846.09	1,028.29
26 28 16 16-0561		240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0550)*		
26 28 16 16-0562	EA	30 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	2,823.66	288.79
26 28 16 16-0563	EA	60 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	3,500.78	376.94
26 28 16 16-0564	EA	100 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	4,910.37	492.53
26 28 16 16-0565	EA	200 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	7,103.56	640.45
26 28 16 16-0566	EA	400 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	12,072.25	801.84
26 28 16 16-0567	EA	600 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	14,070.07	1,285.01
26 28 16 16-0568		600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0550)*		
26 28 16 16-0569	EA	60 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	1,894.86	215.54
26 28 16 16-0570	EA	100 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	2,885.78	281.61
26 28 16 16-0571	EA	200 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	5,258.67	366.28
26 28 16 16-0572	EA	400 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	10,127.56	458.02
26 28 16 16-0573	EA	600 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	13,529.63	734.49
26 28 16 16-0574		600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0550)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0575	EA	60 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	2,144.46	301.50
26 28 16 16-0576	EA	100 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	3,233.43	393.87
26 28 16 16-0577	EA	200 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	5,789.41	512.54
26 28 16 16-0578	EA	400 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	10,979.04	641.48
26 28 16 16-0579	EA	600 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	14,749.17	1,028.29
26 28 16 16-0580		600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0550)*		
26 28 16 16-0581	EA	60 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	3,529.45	376.94
26 28 16 16-0582	EA	100 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	4,923.52	492.53
26 28 16 16-0583	EA	200 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	7,286.13	640.45
26 28 16 16-0584	EA	400 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	12,050.69	801.84
26 28 16 16-0585	EA	600 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	14,188.89	1,285.01
26 28 16 16-0586		NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0475)*		
26 28 16 16-0587		240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0586)*		
26 28 16 16-0588	EA	30 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	2,262.15	164.98
26 28 16 16-0589	EA	60 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	2,561.37	215.41
26 28 16 16-0590	EA	100 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	2,896.88	281.48
26 28 16 16-0591	EA	200 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	3,983.16	366.02
26 28 16 16-0592	EA	400 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	7,450.68	458.15
26 28 16 16-0593	EA	600 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	10,924.16	734.23
26 28 16 16-0594		240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0586)*		
26 28 16 16-0595	EA	30 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	2,598.03	230.93
26 28 16 16-0596	EA	60 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	3,071.97	301.50
26 28 16 16-0597	EA	100 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	3,644.22	393.87
26 28 16 16-0598	EA	200 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	5,082.23	512.54
26 28 16 16-0599	EA	400 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	9,273.95	641.48
26 28 16 16-0600	EA	600 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	12,248.01	1,028.29
26 28 16 16-0601		240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0586)*		
26 28 16 16-0602	EA	30 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	3,883.66	288.79
26 28 16 16-0603	EA	60 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	4,542.47	376.94
26 28 16 16-0604	EA	100 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	6,228.76	492.53
26 28 16 16-0605	EA	200 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	8,462.43	640.45
26 28 16 16-0606	EA	400 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	15,679.71	801.84
26 28 16 16-0607	EA	600 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	19,471.27	1,285.01
26 28 16 16-0608		600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0586)*		
26 28 16 16-0609	EA	60 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	3,381.67	215.41
26 28 16 16-0610	EA	100 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	3,553.99	281.48
26 28 16 16-0611	EA	200 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	6,744.28	366.02
26 28 16 16-0612	EA	400 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	9,735.05	458.15
26 28 16 16-0613	EA	600 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	13,067.18	734.23
26 28 16 16-0614		600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0586)*		
26 28 16 16-0615	EA	60 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	3,709.27	301.50
26 28 16 16-0616	EA	100 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	3,936.69	393.87
26 28 16 16-0617	EA	200 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	7,352.97	512.54
26 28 16 16-0618	EA	400 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	10,565.50	641.48
26 28 16 16-0619	EA	600 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	14,261.89	1,028.29
26 28 16 16-0620		600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0586)*		
26 28 16 16-0621	EA	60 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	4,589.20	376.94
26 28 16 16-0622	EA	100 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	6,573.49	492.53
26 28 16 16-0623	EA	200 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	8,665.62	640.45
26 28 16 16-0624	EA	400 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	16,117.06	801.84
26 28 16 16-0625	EA	600 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	20,050.98	1,285.01
26 28 16 16-0626		Removal And Reinstallation Of Disconnect (Safety) Switches *(26 28 16 16-0001)*		
		Note: Includes storage and cleaning.		
26 28 16 16-0627	EA	Removal And Reinstallation Of Up To 100 Amperes Safety Disconnect Switch	641.48	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	26 28 16 16-0628	EA	Removal And Reinstallation Of >100 To 200 Amperes Safety Disconnect Switch	833.95	
	26 28 16 16-0629	EA	Removal And Reinstallation Of >200 To 300 Amperes Safety Disconnect Switch	930.22	
	26 28 16 16-0630	EA	Removal And Reinstallation Of >300 To 400 Amperes Safety Disconnect Switch	1,090.58	
26 28 16 16-0631			Bolted Contact Switches *(26 28 16 16)*		
			Note: Work includes mounting, material handling, uploading at job site and termination of all conductors entering and leaving the switch.		
26 28 16 16-0632			Electrical Trip, Bolted Contact Switches *(26 28 16 16-0631)*		
26 28 16 16-0633			Top Feed, Electrical Trip, Bolted Contact Switches *(26 28 16 16-0632)*		
	26 28 16 16-0634	EA	800 Amperes, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB0833T120480)	10,459.22	1,282.96
	26 28 16 16-0635	EA	1,200 Amperes, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB1233T120480)	11,311.06	1,539.55
	26 28 16 16-0636	EA	1,600 Amperes, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB1633T120480)	12,299.66	1,796.14
	26 28 16 16-0637	EA	2,000 Amperes, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB2033T120480)	12,975.66	2,052.73
	26 28 16 16-0638	EA	2,500 Amperes, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB2533T120480)	14,654.61	2,309.32
	26 28 16 16-0639	EA	3,000 Amperes, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB3033T120480)	18,404.56	2,565.92
	26 28 16 16-0640	EA	4,000 Amperes, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB4033T120480)	24,836.40	3,079.10
26 28 16 16-0641			Bottom Feed, Electrical Trip, Bolted Contact Switches *(26 28 16 16-0632)*		
	26 28 16 16-0642	EA	800 Amperes, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB0833B120480)	11,090.95	1,282.96
	26 28 16 16-0643	EA	1,200 Amperes, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB1233B120480)	12,066.52	1,539.55
	26 28 16 16-0644	EA	1,600 Amperes, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB1633B120480)	13,048.61	1,796.14
	26 28 16 16-0645	EA	2,000 Amperes, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB2033B120480)	14,050.24	2,052.73
	26 28 16 16-0646	EA	2,500 Amperes, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB2533B120480)	15,813.85	2,309.32
	26 28 16 16-0647	EA	3,000 Amperes, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB3033B120480)	20,579.78	2,565.92
	26 28 16 16-0648	EA	4,000 Amperes, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB4033B120480)	27,102.79	3,079.10
26 28 16 16-0649			Manually Operated, Bolted Contact Switches *(26 28 16 16-0631)*		
26 28 16 16-0650			Top Feed, Manually Operated, Bolted Contact Switches *(26 28 16 16-0649)*		
	26 28 16 16-0651	EA	800 Amperes, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA0833T480)	7,619.72	1,282.96
	26 28 16 16-0652	EA	1,200 Amperes, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA1233T480)	8,505.42	1,539.55
	26 28 16 16-0653	EA	1,600 Amperes, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA1633T480)	9,444.52	1,796.14
	26 28 16 16-0654	EA	2,000 Amperes, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA2033T480)	10,375.82	2,052.73
	26 28 16 16-0655	EA	2,500 Amperes, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA2533T480)	11,372.24	2,309.32
	26 28 16 16-0656	EA	3,000 Amperes, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA3033T480)	15,122.20	2,565.92
	26 28 16 16-0657	EA	4,000 Amperes, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA4033T480)	21,475.88	3,079.10
26 28 16 16-0658			Bottom Feed, Manually Operated, Bolted Contact Switches *(26 28 16 16-0649)*		
	26 28 16 16-0659	EA	800 Amperes, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA0833B480)	8,037.83	1,282.96
	26 28 16 16-0660	EA	1,200 Amperes, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA1233B480)	9,137.14	1,539.55
	26 28 16 16-0661	EA	1,600 Amperes, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA1633B480)	10,056.71	1,796.14
	26 28 16 16-0662	EA	2,000 Amperes, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA2033B480)	11,184.68	2,052.73
	26 28 16 16-0663	EA	2,500 Amperes, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA2533B480)	12,388.21	2,309.32
	26 28 16 16-0664	EA	3,000 Amperes, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA3033B480)	17,134.60	2,565.92
	26 28 16 16-0665	EA	4,000 Amperes, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA4033B480)	23,585.97	3,079.10

26 29 Low-Voltage Controllers *(26 20)*

26 29 13 Enclosed Controllers *(26 29)*

26 29 13 13 Across-The-Line Motor Controllers *(26 29 13)*

26 29 13 13-0001			Manual Motor Starters *(26 29 13 13)*		
26 29 13 13-0002			Fractional HP Manual Motor Starters *(26 29 13 13-0001)*		
	26 29 13 13-0003	EA	NEMA 1, 1 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG1)	248.22	64.24
			For Flush Cover Plate In Lieu Of NEMA 1, Deduct	*-3.34*	
			For Oversized Enclosure, Add	*33.41*	
			For Pilot Light, Add	*49.00*	
	26 29 13 13-0004	EA	NEMA 1, 2 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG2)	325.19	83.52
			For Flush Cover Plate In Lieu Of NEMA 1, Deduct	*-3.34*	
			For Oversized Enclosure, Add	*33.41*	
			For Pilot Light, Add	*49.00*	
	26 29 13 13-0005	EA	NEMA 1, 1 Pole, Key Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG3)	281.62	64.24
			For Flush Cover Plate In Lieu Of NEMA 1, Deduct	*-3.34*	
			For Oversized Enclosure, Add	*33.41*	
			For Pilot Light, Add	*49.00*	
	26 29 13 13-0006	EA	NEMA 1, 2 Pole, Key Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG4)	358.60	83.52
			For Flush Cover Plate In Lieu Of NEMA 1, Deduct	*-3.34*	
			For Oversized Enclosure, Add	*33.41*	
			For Pilot Light, Add	*49.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0007	EA	NEMA 1, Handle Guard/Lockoff, 1 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG5)	262.69	64.24
		For Oversized Enclosure, Add	*33.41*	
26 29 13 13-0008	EA	NEMA 1, Handle Guard/Lockoff, 2 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG6)	344.12	83.52
		For Oversized Enclosure, Add	*33.41*	
26 29 13 13-0009	EA	NEMA 4, Handle Guard/Lockoff, 1 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FW1)	534.48	77.10
		For Pilot Light, Add	*128.06*	
26 29 13 13-0010	EA	NEMA 4, Handle Guard/Lockoff, 2 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FW2)	614.80	96.37
		For Pilot Light, Add	*128.06*	
26 29 13 13-0011	EA	NEMA 3R, 7 And 9, Handle Guard/Lockoff, 1 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FR1)	567.88	77.10
26 29 13 13-0012	EA	NEMA 3R, 7 And 9, Handle Guard/Lockoff, 2 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FR2)	644.86	96.37

26 29 13 13-0013 Non-Reversing Manual Motor Starters *(26 29 13 13-0001)*

26 29 13 13-0014	EA	NEMA 1, Non-Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG1) Note: NEMA 1 or flush cover plate installation.	199.42	64.24
		For Oversize Enclosure, Add	*16.12*	
		For Pilot Light, Add	*77.36*	
26 29 13 13-0015	EA	NEMA 1, Non-Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG2) Note: NEMA 1 or flush cover plate installation.	327.15	83.52
		For Oversize Enclosure, Add	*16.12*	
		For Pilot Light, Add	*77.36*	
26 29 13 13-0016	EA	NEMA 1, Non-Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 3 HP At 230 Volt, 7-1/2 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG5) Note: NEMA 1 or flush cover plate installation.	225.15	70.68
		For Oversize Enclosure, Add	*16.12*	
		For Pilot Light, Add	*77.36*	
26 29 13 13-0017	EA	NEMA 1, Non-Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 15 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG6) Note: NEMA 1 or flush cover plate installation.	353.96	89.95
		For Oversize Enclosure, Add	*16.12*	
		For Pilot Light, Add	*77.36*	
26 29 13 13-0018	EA	NEMA 1, Non-Reversing, 2 Pole, Key Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG3) Note: NEMA 1 or flush cover plate installation.	230.58	64.24
		For Oversize Enclosure, Add	*16.12*	
		For Pilot Light, Add	*77.36*	
26 29 13 13-0019	EA	NEMA 1, Non-Reversing, 3 Pole, Key Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG4) Note: NEMA 1 or flush cover plate installation.	359.38	83.52
		For Oversize Enclosure, Add	*16.12*	
		For Pilot Light, Add	*77.36*	
26 29 13 13-0020	EA	NEMA 4, Non-Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KW1)	491.58	77.10
		For Pilot Light, Add	*122.49*	
26 29 13 13-0021	EA	NEMA 4, Non-Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KW2)	607.49	96.37
		For Pilot Light, Add	*122.49*	
26 29 13 13-0022	EA	NEMA 4, Non-Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 3 HP At 230 Volt, 7-1/2 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KW5)	518.41	83.52
		For Pilot Light, Add	*122.49*	
26 29 13 13-0023	EA	NEMA 4, Non-Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 15 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KW6)	631.08	102.79
		For Pilot Light, Add	*122.49*	
26 29 13 13-0024	EA	NEMA 3R, 7 And 9, Non-Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KR1)	521.66	77.10
26 29 13 13-0025	EA	NEMA 3R, 7 And 9, Non-Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KR2)	646.17	96.37
26 29 13 13-0026	EA	Open Type, Non-Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KO1)	145.82	44.97
		For Pilot Light, Add	*77.36*	
26 29 13 13-0027	EA	Open Type, Non-Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KO2)	273.55	64.24
		For Pilot Light, Add	*77.36*	
26 29 13 13-0028	EA	Open Type, Non-Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 3 HP At 230 Volt, 7-1/2 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KO5)	171.56	51.40
		For Pilot Light, Add	*77.36*	
26 29 13 13-0029	EA	Open Type, Non-Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 15 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KO6)	299.29	70.68
		For Pilot Light, Add	*77.36*	

26 29 13 13-0030 Reversing Manual Motor Starters *(26 29 13 13-0001)*

26 29 13 13-0031	EA	NEMA 1, Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2511KG11)	539.67	115.65
		For Pilot Light, Add	*124.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0032	EA	NEMA 1, Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2511KG22)	782.24	154.19
		For Pilot Light, Add	*124.64*	
26 29 13 13-0033		**Two Speed Manual Motor Starters** *(26 29 13 13-0001)*		
26 29 13 13-0034	EA	NEMA 1, Two Speed, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2512KG11)	539.67	115.65
26 29 13 13-0035	EA	NEMA 1, Two Speed, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2512KG22)	782.24	154.19
26 29 13 13-0036		**Non-Reversing Integral HP Manual Motor Starters** *(26 29 13 13-0001)*		
26 29 13 13-0037	EA	NEMA 1, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBG1)	496.07	77.10
26 29 13 13-0038	EA	NEMA 1, Non-Reversing Integral HP, 2 Pole, Toggle Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510TBG1)	496.07	77.10
26 29 13 13-0039	EA	NEMA 4, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBW11)	1,029.55	89.95
26 29 13 13-0040	EA	NEMA 4X, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBW1)	1,029.55	89.95
26 29 13 13-0041	EA	NEMA 7 And 9, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBR1)	1,345.80	89.95
26 29 13 13-0042	EA	Type 12, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBA1)	632.01	89.95
26 29 13 13-0043	EA	Open, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBO1)	424.12	57.82
26 29 13 13-0044	EA	NEMA 1, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCG1)	589.11	83.52
26 29 13 13-0045	EA	NEMA 1, Non-Reversing Integral HP, 2 Pole, Toggle Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510TCG1)	589.11	83.52
26 29 13 13-0046	EA	NEMA 4, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW11)	1,232.82	96.37
26 29 13 13-0047	EA	NEMA 4X, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW1)	1,232.82	96.37
26 29 13 13-0048	EA	NEMA 7 And 9, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCR1)	1,573.56	96.37
26 29 13 13-0049	EA	Type 12, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCA1)	725.04	96.37
26 29 13 13-0050	EA	Open, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCO1)	517.15	64.24
26 29 13 13-0051	EA	NEMA 1, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCG2)	774.55	89.95
26 29 13 13-0052	EA	NEMA 1, Non-Reversing Integral HP, 2 Pole, Toggle Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510TCG2)	774.55	89.95
26 29 13 13-0053	EA	NEMA 4, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW12)	1,466.15	102.79
26 29 13 13-0054	EA	NEMA 4X, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW2)	1,466.15	102.79
26 29 13 13-0055	EA	NEMA 7 And 9, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCR2)	1,792.42	102.79
26 29 13 13-0056	EA	Type 12, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCA2)	913.83	102.79
26 29 13 13-0057	EA	Open, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCO2)	705.93	70.68
26 29 13 13-0058	EA	NEMA 1, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBG2)	614.25	96.37
26 29 13 13-0059	EA	NEMA 1, Non-Reversing Integral HP, 3 Pole, Toggle Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510TBG2)	614.25	96.37
26 29 13 13-0060	EA	NEMA 4, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBW12)	1,147.73	109.22
26 29 13 13-0061	EA	NEMA 4X, Non-Reversing Integral HP, 3 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBW2)	1,147.73	109.22
26 29 13 13-0062	EA	NEMA 7 And 9, Non-Reversing Integral HP, 3 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBR2)	1,472.89	109.22
26 29 13 13-0063	EA	Type 12, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBA2)	751.30	109.22
26 29 13 13-0064	EA	Open, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBO2)	545.63	77.10
26 29 13 13-0065	EA	NEMA 1, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCG3)	707.27	102.79
26 29 13 13-0066	EA	NEMA 1, Non-Reversing Integral HP, 3 Pole, Toggle Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510TCG3)	707.27	102.79
26 29 13 13-0067	EA	NEMA 4, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW13)	1,351.00	115.65
26 29 13 13-0068	EA	NEMA 4X, Non-Reversing Integral HP, 3 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW3)	1,351.00	115.65
26 29 13 13-0069	EA	NEMA 7 And 9, Non-Reversing Integral HP, 3 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCR3)	1,699.54	115.65
26 29 13 13-0070	EA	Type 12, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCA3)	843.22	115.65
26 29 13 13-0071	EA	Open, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCO3)	635.33	83.52

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0072		**Reversing Integral HP Manual Motor Starters** *(26 29 13 13-0001)*		
26 29 13 13-0073	EA	NEMA 1, Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2511MBG1)	1,437.43	134.92
26 29 13 13-0074	EA	NEMA 1, Reversing Integral HP, 3 Pole, Toggle Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2511TBG1)	1,437.43	134.92
26 29 13 13-0075	EA	Open, Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2511MBO1)	1,265.68	96.37
26 29 13 13-0076	EA	NEMA 1, Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2511MCG1)	1,700.31	147.77
26 29 13 13-0077	EA	Open, Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2511MCO1)	1,528.56	109.22
26 29 13 13-0078		**Two Speed Integral HP Manual Motor Starters** *(26 29 13 13-0001)*		
26 29 13 13-0079	EA	NEMA 1, Two Speed Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2512MBG1)	1,437.43	134.92
26 29 13 13-0080	EA	Open, Two Speed Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2512MBO1)	1,265.68	96.37
26 29 13 13-0081	EA	NEMA 1, Two Speed Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2512MCG1)	1,700.31	147.77
26 29 13 13-0082	EA	Open, Two Speed Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2512MCO1)	1,528.56	109.22
26 29 13 13-0083		**Magnetic Motor Starters** *(26 29 13 13)*		
26 29 13 13-0084		**Non-Reversing, Magnetic Contactors** *(26 29 13 13-0083)*		
26 29 13 13-0085		**Open Enclosure, Non-Reversing, Magnetic Contactors** *(26 29 13 13-0084)*		
26 29 13 13-0086	EA	Size 00, 1 Phase, 2 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SAO11)	576.58	128.50
		For Factory Installed Accessory, Deduct	*-256.99*	
26 29 13 13-0087	EA	Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SAO12)	649.05	141.34
		For Factory Installed Accessory, Deduct	*-282.69*	
26 29 13 13-0088	EA	Size 0, 1 Phase, 1 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBO5)	623.35	128.50
		For Factory Installed Accessory, Deduct	*-256.99*	
26 29 13 13-0089	EA	Size 0, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBO1)	696.93	141.34
		For Factory Installed Accessory, Deduct	*-282.69*	
26 29 13 13-0090	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBO2)	769.40	154.19
		For Factory Installed Accessory, Deduct	*-308.39*	
26 29 13 13-0091	EA	Size 0, 3 Phase, 4 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBO3)	972.32	192.74
		For Factory Installed Accessory, Deduct	*-385.48*	
26 29 13 13-0092	EA	Size 0, 3 Phase, 5 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBO4)	1,224.25	231.29
		For Factory Installed Accessory, Deduct	*-462.58*	
26 29 13 13-0093	EA	Size 1, 1 Phase, 1 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCO5)	727.00	141.34
		For Factory Installed Accessory, Deduct	*-282.69*	
26 29 13 13-0094	EA	Size 1, 1 Phase, 2 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCO1)	799.47	154.19
		For Factory Installed Accessory, Deduct	*-308.39*	
26 29 13 13-0095	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCO2)	874.15	167.05
		For Factory Installed Accessory, Deduct	*-334.08*	
26 29 13 13-0096	EA	Size 1, 3 Phase, 4 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCO3)	1,116.75	224.87
		For Factory Installed Accessory, Deduct	*-449.73*	
26 29 13 13-0097	EA	Size 1, 3 Phase, 5 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCO4)	1,367.55	263.42
		For Factory Installed Accessory, Deduct	*-526.82*	
26 29 13 13-0098	EA	Size 2, 1 Phase, 2 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SDO1)	1,229.30	154.19
		For Factory Installed Accessory, Deduct	*-308.39*	
26 29 13 13-0099	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SDO2)	1,367.63	192.74
		For Factory Installed Accessory, Deduct	*-385.48*	
26 29 13 13-0100	EA	Size 2, 3 Phase, 4 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SDO3)	1,782.31	256.99
		For Factory Installed Accessory, Deduct	*-513.97*	
26 29 13 13-0101	EA	Size 3, 1 Phase, 2 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SEO1)	1,844.23	192.74
		For Factory Installed Accessory, Deduct	*-385.48*	
26 29 13 13-0102	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SEO2)	2,100.78	256.99
		For Factory Installed Accessory, Deduct	*-513.97*	
26 29 13 13-0103	EA	Size 3, 3 Phase, 4 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SEO3)	2,672.48	321.23
		For Factory Installed Accessory, Deduct	*-642.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0104	EA	Size 3, 3 Phase, 5 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SEO4)	3,816.53	385.48
		For Factory Installed Accessory, Deduct	*-770.97*	
26 29 13 13-0105	EA	Size 4, 1 Phase, 2 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SFO1)	4,163.52	321.23
		For Factory Installed Accessory, Deduct	*-642.47*	
26 29 13 13-0106	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SFO2)	4,578.20	385.48
		For Factory Installed Accessory, Deduct	*-770.97*	
26 29 13 13-0107	EA	Size 4, 3 Phase, 4 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SFO3)	6,196.62	449.73
		For Factory Installed Accessory, Deduct	*-899.45*	
26 29 13 13-0108	EA	Size 5, 1 Phase, 2 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SGO1)	8,401.03	385.48
		For Factory Installed Accessory, Deduct	*-770.97*	
26 29 13 13-0109	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SGO2)	9,325.03	513.97
		For Factory Installed Accessory, Deduct	*-1,027.95*	
26 29 13 13-0110	EA	Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SHO2)	24,190.45	770.97
		For Factory Installed Accessory, Deduct	*-1,541.92*	
26 29 13 13-0111	EA	Size 7, 3 Phase, 3 Pole, 300 HP At 230 Volt, 600 HP At 460/575 Volt, 810 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SJO2)	34,637.08	1,156.44
		For Factory Installed Accessory, Deduct	*-2,312.89*	

26 29 13 13-0112 NEMA 1, Non-Reversing, Magnetic Contactors *(26 29 13 13-0084)*

26 29 13 13-0113	EA	Size 00, 1 Phase, 2 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SAG11)	611.10	128.50
		For Factory Installed Accessory, Deduct	*-256.99*	
26 29 13 13-0114	EA	Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SAG12)	683.57	141.34
		For Factory Installed Accessory, Deduct	*-282.69*	
26 29 13 13-0115	EA	Size 0, 1 Phase, 1 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBG5)	657.87	128.50
		For Factory Installed Accessory, Deduct	*-256.99*	
26 29 13 13-0116	EA	Size 0, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBG1)	732.57	141.34
		For Factory Installed Accessory, Deduct	*-282.69*	
26 29 13 13-0117	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBG2)	805.03	154.19
		For Factory Installed Accessory, Deduct	*-308.39*	
26 29 13 13-0118	EA	Size 0, 3 Phase, 4 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBG3)	1,010.18	192.74
		For Factory Installed Accessory, Deduct	*-385.48*	
26 29 13 13-0119	EA	Size 0, 3 Phase, 5 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBG4)	1,263.22	231.29
		For Factory Installed Accessory, Deduct	*-462.58*	
26 29 13 13-0120	EA	Size 1, 1 Phase, 1 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCG5)	763.74	141.34
		For Factory Installed Accessory, Deduct	*-282.69*	
26 29 13 13-0121	EA	Size 1, 1 Phase, 2 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCG1)	838.44	154.19
		For Factory Installed Accessory, Deduct	*-308.39*	
26 29 13 13-0122	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCG2)	910.90	167.05
		For Factory Installed Accessory, Deduct	*-334.08*	
26 29 13 13-0123	EA	Size 1, 3 Phase, 4 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCG3)	1,154.61	224.87
		For Factory Installed Accessory, Deduct	*-449.73*	
26 29 13 13-0124	EA	Size 1, 3 Phase, 5 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCG4)	1,404.30	263.42
		For Factory Installed Accessory, Deduct	*-526.82*	
26 29 13 13-0125	EA	Size 2, 1 Phase, 2 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SDG1)	1,394.10	154.19
		For Factory Installed Accessory, Deduct	*-308.39*	
26 29 13 13-0126	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SDG2)	1,533.55	192.74
		For Factory Installed Accessory, Deduct	*-385.48*	
26 29 13 13-0127	EA	Size 2, 3 Phase, 4 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SDG3)	1,947.11	256.99
		For Factory Installed Accessory, Deduct	*-513.97*	
26 29 13 13-0128	EA	Size 3, 1 Phase, 2 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SEG1)	2,168.28	192.74
		For Factory Installed Accessory, Deduct	*-385.48*	
26 29 13 13-0129	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SEG2)	2,423.71	256.99
		For Factory Installed Accessory, Deduct	*-513.97*	
26 29 13 13-0130	EA	Size 3, 3 Phase, 4 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SEG3)	2,996.52	321.23
		For Factory Installed Accessory, Deduct	*-642.47*	
26 29 13 13-0131	EA	Size 4, 1 Phase, 2 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SFG1)	4,834.99	321.23
		For Factory Installed Accessory, Deduct	*-642.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0132	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SFG2)	5,249.68	385.48
		For Factory Installed Accessory, Deduct	*-770.97*	
26 29 13 13-0133	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SGG2)	10,548.82	513.97
		For Factory Installed Accessory, Deduct	*-1,027.95*	
26 29 13 13-0134	EA	Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SHG2)	29,572.25	770.97
		For Factory Installed Accessory, Deduct	*-1,541.92*	
26 29 13 13-0135	EA	Size 7, 3 Phase, 3 Pole, 300 HP At 230 Volt, 600 HP At 460/575 Volt, 810 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SJG2)	40,034.46	1,156.44
		For Factory Installed Accessory, Deduct	*-2,312.89*	

26 29 13 13-0136 NEMA 12, Non-Reversing, Magnetic Contactors *(26 29 13 13-0084)*

26 29 13 13-0137	EA	Size 0, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 12 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBA1)	922.98	141.34
		For Factory Installed Accessory, Deduct	*-282.69*	
26 29 13 13-0138	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 12 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBA2)	995.45	154.19
		For Factory Installed Accessory, Deduct	*-308.39*	
26 29 13 13-0139	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 12 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCA2)	1,101.32	167.05
		For Factory Installed Accessory, Deduct	*-334.08*	
26 29 13 13-0140	EA	Size 2, 1 Phase, 2 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 12 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SDA1)	1,741.53	154.19
		For Factory Installed Accessory, Deduct	*-308.39*	
26 29 13 13-0141	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 12 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SDA2)	1,882.09	192.74
		For Factory Installed Accessory, Deduct	*-385.48*	
26 29 13 13-0142	EA	Size 3, 1 Phase, 2 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 12 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SEA1)	2,580.29	192.74
		For Factory Installed Accessory, Deduct	*-385.48*	
26 29 13 13-0143	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 12 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SEA2)	2,834.61	256.99
		For Factory Installed Accessory, Deduct	*-513.97*	
26 29 13 13-0144	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 12 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SFA2)	6,613.78	385.48
		For Factory Installed Accessory, Deduct	*-770.97*	
26 29 13 13-0145	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, NEMA 12 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SGA2)	14,039.81	513.97
		For Factory Installed Accessory, Deduct	*-1,027.95*	
26 29 13 13-0146	EA	Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amperes, NEMA 12 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SHA2)	33,852.74	770.97
		For Factory Installed Accessory, Deduct	*-1,541.92*	

26 29 13 13-0147 NEMA 4/4X, Non-Reversing, Magnetic Contactors *(26 29 13 13-0084)*

Note: Brushed stainless steel enclosure.

26 29 13 13-0148	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 4/4X Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBW12)	1,360.70	154.19
		For Factory Installed Accessory, Deduct	*-308.39*	
26 29 13 13-0149	EA	Size 1, 1 Phase, 2 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 4/4X Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCW11)	1,409.69	154.19
		For Factory Installed Accessory, Deduct	*-308.39*	
26 29 13 13-0150	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 4/4X Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCW12)	1,482.15	167.05
		For Factory Installed Accessory, Deduct	*-334.08*	
26 29 13 13-0151	EA	Size 1, 3 Phase, 4 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 4/4X Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCW13)	1,725.86	224.87
		For Factory Installed Accessory, Deduct	*-449.73*	
26 29 13 13-0152	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 4/4X Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SDW12)	2,676.06	192.74
		For Factory Installed Accessory, Deduct	*-385.48*	
26 29 13 13-0153	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 4/4X Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SEW12)	4,040.59	256.99
		For Factory Installed Accessory, Deduct	*-513.97*	
26 29 13 13-0154	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 4/4X Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SFW12)	8,010.17	385.48
		For Factory Installed Accessory, Deduct	*-770.97*	
26 29 13 13-0155	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, NEMA 4/4X Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SGW12)	14,039.81	513.97
		For Factory Installed Accessory, Deduct	*-1,027.95*	
26 29 13 13-0156	EA	Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amperes, NEMA 4/4X Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SHW2)	37,500.74	770.97
		For Factory Installed Accessory, Deduct	*-1,541.92*	

26 29 13 13-0157 NEMA 7/9, Non-Reversing, Magnetic Contactors *(26 29 13 13-0084)*

Note: Bolted cast iron enclosure.

26 29 13 13-0158	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 7/9 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBT2)	2,716.23	205.59
		For Factory Installed Accessory, Deduct	*-411.18*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0159		Non-Reversing, Magnetic Starters *(26 29 13 13-0083)*		
26 29 13 13-0160		Open Enclosure, Non-Reversing, Magnetic Starters *(26 29 13 13-0159)*		
26 29 13 13-0161	EA	Size 00, 1 Phase, 2 Pole, 3/4 HP At 115 Volt, 1 HP At 230 Volt, 9 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SAO11)	686.82	128.50
		For Factory Installed Accessory, Deduct	*-256.99*	
26 29 13 13-0162	EA	Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SAO12)	712.52	141.34
		For Factory Installed Accessory, Deduct	*-282.69*	
26 29 13 13-0163	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBO1)	767.09	141.34
		For Factory Installed Accessory, Deduct	*-282.69*	
26 29 13 13-0164	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBO2)	848.46	154.19
		For Factory Installed Accessory, Deduct	*-308.39*	
26 29 13 13-0165	EA	Size 0, 3 Phase, 5 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBO4)	1,363.44	231.29
		For Factory Installed Accessory, Deduct	*-462.58*	
26 29 13 13-0166	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCO1)	872.96	154.19
		For Factory Installed Accessory, Deduct	*-308.39*	
26 29 13 13-0167	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCO3)	1,024.48	167.05
		For Factory Installed Accessory, Deduct	*-334.08*	
26 29 13 13-0168	EA	Size 1, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 36 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCO2)	1,071.25	167.05
		For Factory Installed Accessory, Deduct	*-334.08*	
26 29 13 13-0169	EA	Size 2, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 45 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SDO6)	1,330.63	154.19
		For Factory Installed Accessory, Deduct	*-308.39*	
26 29 13 13-0170	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SDO1)	1,511.28	192.74
		For Factory Installed Accessory, Deduct	*-385.48*	
26 29 13 13-0171	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SEO1)	2,337.97	256.99
		For Factory Installed Accessory, Deduct	*-513.97*	
26 29 13 13-0172	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SFO1)	4,943.45	385.48
		For Factory Installed Accessory, Deduct	*-770.97*	
26 29 13 13-0173	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SGO1)	11,219.18	513.97
		For Factory Installed Accessory, Deduct	*-1,027.95*	
26 29 13 13-0174	EA	Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SHO2)	25,768.36	770.97
		For Factory Installed Accessory, Deduct	*-1,541.92*	
26 29 13 13-0175	EA	Size 7, 3 Phase, 3 Pole, 300 HP At 230 Volt, 600 HP At 460/575 Volt, 810 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SJO2)	37,122.53	1,156.44
		For Factory Installed Accessory, Deduct	*-2,312.89*	
26 29 13 13-0176		NEMA 1, Non-Reversing, Magnetic Starters *(26 29 13 13-0159)*		
26 29 13 13-0177	EA	Size 00, 1 Phase, 2 Pole, .34 HP At 115 Volt, 1 HP At 230 Volt, 9 Amperes, NEMA 1 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SAG11)	723.57	128.50
		For Factory Installed Accessory, Deduct	*-256.99*	
26 29 13 13-0178	EA	Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, NEMA 1 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SAG12)	749.27	141.34
		For Factory Installed Accessory, Deduct	*-282.69*	
26 29 13 13-0179	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, NEMA 1 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBG1)	803.83	141.34
		For Factory Installed Accessory, Deduct	*-282.69*	
26 29 13 13-0180	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 1 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBG2)	885.21	154.19
		For Factory Installed Accessory, Deduct	*-308.39*	
26 29 13 13-0181	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 1 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCG1)	908.59	154.19
		For Factory Installed Accessory, Deduct	*-308.39*	
26 29 13 13-0182	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 1 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCG3)	991.08	167.05
		For Factory Installed Accessory, Deduct	*-334.08*	
26 29 13 13-0183	EA	Size 1, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 36 Amperes, NEMA 1 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCG2)	1,109.11	167.05
		For Factory Installed Accessory, Deduct	*-334.08*	
26 29 13 13-0184	EA	Size 2, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 45 Amperes, NEMA 1 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SDG6)	1,496.55	154.19
		For Factory Installed Accessory, Deduct	*-308.39*	
26 29 13 13-0185	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 1 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SDG1)	1,677.20	192.74
		For Factory Installed Accessory, Deduct	*-385.48*	
26 29 13 13-0186	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 1 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SEG1)	2,662.01	256.99
		For Factory Installed Accessory, Deduct	*-513.97*	
26 29 13 13-0187	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 1 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SFG1)	5,614.92	385.48
		For Factory Installed Accessory, Deduct	*-770.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0188	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, NEMA 1 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SGG1)	12,446.31	513.97
		For Factory Installed Accessory, Deduct	*-1,027.95*	

26 29 13 13-0189 NEMA 12, Non-Reversing, Magnetic Starters *(26 29 13 13-0159)*

26 29 13 13-0190	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, NEMA 12 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBA1)	994.25	141.34
		For Factory Installed Accessory, Deduct	*-282.69*	
26 29 13 13-0191	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 12 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBA2)	1,075.63	154.19
		For Factory Installed Accessory, Deduct	*-308.39*	
26 29 13 13-0192	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 12 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCA1)	1,099.01	154.19
		For Factory Installed Accessory, Deduct	*-308.39*	
26 29 13 13-0193	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 12 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCA3)	1,181.49	167.05
		For Factory Installed Accessory, Deduct	*-334.08*	
26 29 13 13-0194	EA	Size 1, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 36 Amperes, NEMA 12 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCA2)	1,299.53	167.05
		For Factory Installed Accessory, Deduct	*-334.08*	
26 29 13 13-0195	EA	Size 2, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 45 Amperes, NEMA 12 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SDA6)	1,845.09	154.19
		For Factory Installed Accessory, Deduct	*-308.39*	
26 29 13 13-0196	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 12 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SDA1)	2,024.63	192.74
		For Factory Installed Accessory, Deduct	*-385.48*	
26 29 13 13-0197	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 12 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SEA1)	3,072.91	256.99
		For Factory Installed Accessory, Deduct	*-513.97*	
26 29 13 13-0198	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 12 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SFA1)	6,977.91	385.48
		For Factory Installed Accessory, Deduct	*-770.97*	
26 29 13 13-0199	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, NEMA 12 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SGA1)	15,933.96	513.97
		For Factory Installed Accessory, Deduct	*-1,027.95*	
26 29 13 13-0200	EA	Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amperes, NEMA 12 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SHA2)	37,985.14	770.97
		For Factory Installed Accessory, Deduct	*-1,541.92*	

26 29 13 13-0201 NEMA 3R, Non-Reversing, Magnetic Starters *(26 29 13 13-0159)*

26 29 13 13-0202	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, NEMA 3R Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBH1)	994.25	141.34
		For Factory Installed Accessory, Deduct	*-282.69*	
26 29 13 13-0203	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 3R Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBH2)	1,075.63	154.19
		For Factory Installed Accessory, Deduct	*-308.39*	
26 29 13 13-0204	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 3R Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCH1)	1,099.01	154.19
		For Factory Installed Accessory, Deduct	*-308.39*	
26 29 13 13-0205	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 3R Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCH3)	1,181.49	167.05
		For Factory Installed Accessory, Deduct	*-334.08*	
26 29 13 13-0206	EA	Size 1, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 36 Amperes, NEMA 3R Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCH2)	1,299.53	167.05
		For Factory Installed Accessory, Deduct	*-334.08*	
26 29 13 13-0207	EA	Size 2, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 45 Amperes, NEMA 3R Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SDH6)	1,845.09	154.19
		For Factory Installed Accessory, Deduct	*-308.39*	
26 29 13 13-0208	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 3R Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SDH1)	2,024.63	192.74
		For Factory Installed Accessory, Deduct	*-385.48*	
26 29 13 13-0209	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 3R Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SEH1)	3,072.91	256.99
		For Factory Installed Accessory, Deduct	*-513.97*	
26 29 13 13-0210	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 3R Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SFH1)	6,977.91	385.48
		For Factory Installed Accessory, Deduct	*-770.97*	

26 29 13 13-0211 NEMA 3R/4/4X/7/9, Non-Reversing, Magnetic Starters *(26 29 13 13-0159)*

Note: Bolted cast aluminum enclosure.

26 29 13 13-0212	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBT4)	2,831.01	218.44
		For Factory Installed Accessory, Deduct	*-436.87*	
26 29 13 13-0213	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCR1)	3,479.09	218.44
		For Factory Installed Accessory, Deduct	*-436.87*	
26 29 13 13-0214	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCR3)	3,584.98	231.29
		For Factory Installed Accessory, Deduct	*-462.58*	
26 29 13 13-0215	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SDR1)	5,555.02	256.99
		For Factory Installed Accessory, Deduct	*-513.97*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0216		EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SET43)	6,699.08	321.23
			For Factory Installed Accessory, Deduct	*-642.47*	
26 29 13 13-0217		EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SFT41)	10,674.21	449.73
			For Factory Installed Accessory, Deduct	*-899.45*	

26 29 13 13-0218 NEMA 4/4X, Non-Reversing, Magnetic Starters *(26 29 13 13-0159)*

Note: Brushed stainless steel enclosure.

26 29 13 13-0219		EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBW11)	1,358.38	141.34
			For Factory Installed Accessory, Deduct	*-282.69*	
26 29 13 13-0220		EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBW12)	1,440.87	154.19
			For Factory Installed Accessory, Deduct	*-308.39*	
26 29 13 13-0221		EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCW11)	1,479.85	154.19
			For Factory Installed Accessory, Deduct	*-308.39*	
26 29 13 13-0222		EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCW13)	1,562.33	167.05
			For Factory Installed Accessory, Deduct	*-334.08*	
26 29 13 13-0223		EA	Size 1, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 7-1/2 HP At 460/575 Volt, 36 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCW12)	1,680.36	167.05
			For Factory Installed Accessory, Deduct	*-334.08*	
26 29 13 13-0224		EA	Size 2, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 45 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SDW16)	2,636.83	154.19
			For Factory Installed Accessory, Deduct	*-308.39*	
26 29 13 13-0225		EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SEW11)	4,277.78	256.99
			For Factory Installed Accessory, Deduct	*-513.97*	
26 29 13 13-0226		EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SFW11)	8,373.19	385.48
			For Factory Installed Accessory, Deduct	*-770.97*	
26 29 13 13-0227		EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SGW11)	18,616.50	513.97
			For Factory Installed Accessory, Deduct	*-1,027.95*	

26 29 13 13-0228 NEMA 4X, Non-Reversing, Magnetic Starters *(26 29 13 13-0159)*

Note: Glass polyester enclosure.

26 29 13 13-0229		EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 4X Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SDW21)	2,819.70	192.74
			For Factory Installed Accessory, Deduct	*-385.48*	
26 29 13 13-0230		EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 4X Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SEW21)	5,219.84	256.99
			For Factory Installed Accessory, Deduct	*-513.97*	
26 29 13 13-0231		EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 4X Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SFW21)	10,275.14	385.48
			For Factory Installed Accessory, Deduct	*-770.97*	

26 29 13 13-0232 NEMA 7/9, Non-Reversing, Magnetic Starters *(26 29 13 13-0159)*

Note: Bolted cast iron enclosure.

26 29 13 13-0233		EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, NEMA 7/9 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBT1)	2,739.62	205.59
			For Factory Installed Accessory, Deduct	*-411.18*	
26 29 13 13-0234		EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 7/9 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBT2)	2,831.01	218.44
			For Factory Installed Accessory, Deduct	*-436.87*	
26 29 13 13-0235		EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 7/9 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCT1)	2,871.09	218.44
			For Factory Installed Accessory, Deduct	*-436.87*	
26 29 13 13-0236		EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 7/9 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCT3)	2,958.05	231.29
			For Factory Installed Accessory, Deduct	*-462.58*	
26 29 13 13-0237		EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 36 Amperes, NEMA 7/9 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCT2)	3,093.90	231.29
			For Factory Installed Accessory, Deduct	*-462.58*	
26 29 13 13-0238		EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 7/9 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SDT1)	4,548.37	256.99
			For Factory Installed Accessory, Deduct	*-513.97*	

26 29 13 13-0239 Reversing, Magnetic Starters *(26 29 13 13-0083)*

26 29 13 13-0240 Open Enclosure, Reversing, Magnetic Starters *(26 29 13 13-0239)*

26 29 13 13-0241		EA	Size 00, 1 Phase, 3 Pole, 3/4 HP At 115 Volt, 1 HP At 230 Volt, 9 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAO13)	1,295.08	167.05
			For Factory Installed Accessory, Deduct	*-334.08*	
26 29 13 13-0242		EA	Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAO16)	1,365.23	167.05
			For Factory Installed Accessory, Deduct	*-334.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0243	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBO1)	1,511.19	179.89
		For Factory Installed Accessory, Deduct	*-359.78*	
26 29 13 13-0244	EA	Size 0, 1 Phase, 3 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBO2)	1,568.07	192.74
		For Factory Installed Accessory, Deduct	*-385.48*	
26 29 13 13-0245	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBO10)	1,607.05	192.74
		For Factory Installed Accessory, Deduct	*-385.48*	
26 29 13 13-0246	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCO2)	1,719.60	205.59
		For Factory Installed Accessory, Deduct	*-411.18*	
26 29 13 13-0247	EA	Size 1, 1 Phase, 3 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCO3)	1,791.56	224.87
		For Factory Installed Accessory, Deduct	*-449.73*	
26 29 13 13-0248	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCO7)	1,831.65	224.87
		For Factory Installed Accessory, Deduct	*-449.73*	
26 29 13 13-0249	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SDO1)	3,129.70	256.99
		For Factory Installed Accessory, Deduct	*-513.97*	
26 29 13 13-0250	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SEO1)	5,116.05	385.48
		For Factory Installed Accessory, Deduct	*-770.97*	
26 29 13 13-0251	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230, 100 HP At 460/575 Volt, 135 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SFO1)	11,768.59	578.23
		For Factory Installed Accessory, Deduct	*-1,156.44*	
26 29 13 13-0252	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SGO1)	21,929.94	770.97
		For Factory Installed Accessory, Deduct	*-1,541.92*	
26 29 13 13-0253	EA	Size 7, 3 Phase, 3 Pole, 300 HP At 230 Volt, 600 HP At 460/575 Volt, 810 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SJO1)	71,031.92	1,413.44
		For Factory Installed Accessory, Deduct	*-2,826.86*	

26 29 13 13-0254 NEMA 1, Reversing, Magnetic Starters *(26 29 13 13-0239)*

26 29 13 13-0255	EA	Size 00, 1 Phase, 2 Pole, 3/4 HP At 115 Volt, 1 HP At 230 Volt, 9 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAG13)	1,336.20	154.19
		For Factory Installed Accessory, Deduct	*-308.39*	
26 29 13 13-0256	EA	Size 00, 1 Phase, 3 Pole, 3/4 HP At 115 Volt, 1 HP At 230 Volt, 9 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAG15)	1,395.30	167.05
		For Factory Installed Accessory, Deduct	*-334.08*	
26 29 13 13-0257	EA	Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAG16)	1,435.38	167.05
		For Factory Installed Accessory, Deduct	*-334.08*	
26 29 13 13-0258	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBG1)	1,578.01	179.89
		For Factory Installed Accessory, Deduct	*-359.78*	
26 29 13 13-0259	EA	Size 0, 1 Phase, 3 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBG2)	1,637.11	192.74
		For Factory Installed Accessory, Deduct	*-385.48*	
26 29 13 13-0260	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBG4)	1,677.20	192.74
		For Factory Installed Accessory, Deduct	*-385.48*	
26 29 13 13-0261	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCG2)	1,819.82	205.59
		For Factory Installed Accessory, Deduct	*-411.18*	
26 29 13 13-0262	EA	Size 1, 1 Phase, 3 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCG6)	1,891.78	224.87
		For Factory Installed Accessory, Deduct	*-449.73*	
26 29 13 13-0263	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCG8)	1,931.87	224.87
		For Factory Installed Accessory, Deduct	*-449.73*	
26 29 13 13-0264	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SDG2)	3,390.27	256.99
		For Factory Installed Accessory, Deduct	*-513.97*	
26 29 13 13-0265	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SEG2)	5,567.04	385.48
		For Factory Installed Accessory, Deduct	*-770.97*	
26 29 13 13-0266	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SFG3)	12,597.07	578.23
		For Factory Installed Accessory, Deduct	*-1,156.44*	

26 29 13 13-0267 NEMA 12, Reversing, Magnetic Starters *(26 29 13 13-0239)*

26 29 13 13-0268	EA	Size 0, 1 Phase, 3 Pole, 3/4 HP At 115 Volt, 1 HP At 230 Volt, 18 Amperes, NEMA 12 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBA2)	1,922.18	192.74
		For Factory Installed Accessory, Deduct	*-385.48*	
26 29 13 13-0269	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 12 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBA4)	1,962.27	192.74
		For Factory Installed Accessory, Deduct	*-385.48*	
26 29 13 13-0270	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 12 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCA4)	2,216.94	224.87
		For Factory Installed Accessory, Deduct	*-449.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0271	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 12 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SDA1)	3,866.88	256.99
		For Factory Installed Accessory, Deduct	*-513.97*	

26 29 13 13-0272 NEMA 4X, Reversing, Magnetic Starters *(26 29 13 13-0239)*

Note: Brushed stainless steel enclosure.

26 29 13 13-0273	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 4/4X Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBW14)	2,405.46	192.74
		For Factory Installed Accessory, Deduct	*-385.48*	
26 29 13 13-0274	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 4/4X Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCW11)	2,835.38	205.59
		For Factory Installed Accessory, Deduct	*-411.18*	

26 29 13 13-0275 Magnetic Contactor/Starters Accessories *(26 29 13 13-0083)*

26 29 13 13-0276	EA	NEMA 1 Enclosure Start/Stop Push Button Kit, Contactor/Starter Accessory (Square D 9999SA2)	179.43	16.06
		For Factory Installed Accessory, Deduct	*-32.13*	
26 29 13 13-0277	EA	NEMA 12 Enclosure Start/Stop Push Button Kit, Contactor/Starter Accessory (Square D 9999SA3)	305.15	16.06
		For Factory Installed Accessory, Deduct	*-32.13*	
26 29 13 13-0278	EA	NEMA 1 Enclosure Selector Switch Kit, Contactor/Starter Accessory (Square D 9999SC2)	179.43	16.06
		For Factory Installed Accessory, Deduct	*-32.13*	
26 29 13 13-0279	EA	NEMA 12 Enclosure Selector Switch Kit, Contactor/Starter Accessory (Square D 9999SC8)	305.15	16.06
		For Factory Installed Accessory, Deduct	*-32.13*	
26 29 13 13-0280	EA	NEMA 1 And 12 Enclosure Red Pilot Light Kit, Contactor/Starter Accessory (Square D 9999SP2R)	305.15	16.06
		For Factory Installed Accessory, Deduct	*-32.13*	
26 29 13 13-0281	EA	Internal Non-Convertible Contact Block Kit, 1 Contact, Contactor/Starter Accessory (Square D 9999SX11)	151.41	12.85
		For Factory Installed Accessory, Deduct	*-25.70*	
26 29 13 13-0282	EA	External Convertible Field Contact, 1 Contact, Contactor/Starter Accessory (Square D 9999SX6)	134.91	12.85
		For Factory Installed Accessory, Deduct	*-25.70*	
26 29 13 13-0283	EA	External Convertible Field Contacts, 2 Contacts Or 1 Overlapping Contact, Contactor/Starter Accessory (Square D 9999SX8)	179.43	16.06
		For Factory Installed Accessory, Deduct	*-32.13*	
26 29 13 13-0284	EA	External Field Non-Convertible Contact, 1 Contact, Contactor/Starter Accessory (Square D 9999SX13)	151.41	12.85
		For Factory Installed Accessory, Deduct	*-25.70*	
26 29 13 13-0285	EA	External Field Non-Convertible Contacts, 2 Contacts Or 1 Overlapping Contact, Contactor/Starter Accessory (Square D 9999SX15)	202.29	16.06
		For Factory Installed Accessory, Deduct	*-32.13*	
26 29 13 13-0286	EA	30 Amperes, 1 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB6)	226.33	12.85
		For Factory Installed Accessory, Deduct	*-25.70*	
26 29 13 13-0287	EA	45 Amperes, 1 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB11)	390.14	12.85
		For Factory Installed Accessory, Deduct	*-25.70*	
26 29 13 13-0288	EA	60 Amperes, 1 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB21)	414.27	12.85
		For Factory Installed Accessory, Deduct	*-25.70*	
26 29 13 13-0289	EA	30 Amperes, 2 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB8)	495.62	16.06
		For Factory Installed Accessory, Deduct	*-32.13*	
26 29 13 13-0290	EA	45 Amperes, 2 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB13)	865.15	16.06
		For Factory Installed Accessory, Deduct	*-32.13*	
26 29 13 13-0291	EA	60 Amperes, 2 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB23)	865.15	16.06
		For Factory Installed Accessory, Deduct	*-32.13*	
26 29 13 13-0292	EA	Adapter Bracket For Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SBT1)	52.42	9.64
		For Factory Installed Accessory, Deduct	*-19.27*	
26 29 13 13-0293	EA	1 Pole Control Circuit Fuse Holder, Contactor/Starter Accessory (Square D 9999SF3)	106.97	12.85
		For Factory Installed Accessory, Deduct	*-25.70*	
26 29 13 13-0294	EA	2 Pole Control Circuit Fuse Holder, Contactor/Starter Accessory (Square D 9999SF4)	141.34	16.06
		For Factory Installed Accessory, Deduct	*-32.13*	
26 29 13 13-0295	EA	Transient Suppression Module, Contactor/Starter Accessory (Square D 9999ST1)	110.86	16.06
		For Factory Installed Accessory, Deduct	*-32.13*	
26 29 13 13-0296	EA	Terminal Block, Contactor/Starter Accessory (Square D 9999T7)	61.57	9.64
		For Factory Installed Accessory, Deduct	*-19.27*	
26 29 13 13-0297	EA	Closing Plate For NEMA 1 Enclosures, Contactor/Starter Accessory (Square D 9999SG1)	37.44	9.64
		For Factory Installed Accessory, Deduct	*-19.27*	
26 29 13 13-0298	EA	1 Pole Disconnect Switch And Breaker Interlock, Contactor/Starter Accessory (Square D 9999R39)	197.13	12.85
		For Factory Installed Accessory, Deduct	*-25.70*	
26 29 13 13-0299	EA	2 Pole Disconnect Switch And Breaker Interlock, Contactor/Starter Accessory (Square D 9999R40)	340.70	16.06
		For Factory Installed Accessory, Deduct	*-32.13*	

26 29 13 13-0300 Definite Purpose Starters *(26 29 13 13)*

26 29 13 13-0301 Open Enclosure, Definite Purpose Starter *(26 29 13 13-0300)*

26 29 13 13-0302	EA	Open Enclosure, 3 Phase, 3 Pole, 3 HP At 230 Volt, 5 HP At 460/575 Volt, 20 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO13)	639.11	154.19
		For Factory Installed Accessory, Deduct	*-308.39*	
26 29 13 13-0303	EA	Open Enclosure, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 25 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO22)	638.00	154.19
		For Factory Installed Accessory, Deduct	*-308.39*	
26 29 13 13-0304	EA	Open Enclosure, 3 Phase, 3 Pole, 7.5 HP At 230 Volt, 10 HP At 460/575 Volt, 25 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO23)	690.42	167.05
		For Factory Installed Accessory, Deduct	*-334.08*	
26 29 13 13-0305	EA	Open Enclosure, 1 Phase, 2 Pole, 2 HP At 115 Volt, 5 HP At 230 Volt, 30 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO32)	679.20	154.19
		For Factory Installed Accessory, Deduct	*-308.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0306	EA	Open Enclosure, 3 Phase, 3 Pole, 10 HP At 230 Volt, 15 HP At 460/575 Volt, 30 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO33)	738.30	167.05
		For Factory Installed Accessory, Deduct	*-334.08*	
26 29 13 13-0307	EA	Open Enclosure, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 40 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO42)	714.84	154.19
		For Factory Installed Accessory, Deduct	*-308.39*	
26 29 13 13-0308	EA	Open Enclosure, 3 Phase, 3 Pole, 10 HP At 230 Volt, 20 HP At 460/575 Volt, 40 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO43)	829.79	192.74
		For Factory Installed Accessory, Deduct	*-385.48*	
26 29 13 13-0309	EA	Open Enclosure, 1 Phase, 2 Pole, 3 HP At 115 Volt, 10 HP At 230 Volt, 50 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO52)	922.21	192.74
		For Factory Installed Accessory, Deduct	*-385.48*	
26 29 13 13-0310	EA	Open Enclosure, 3 Phase, 3 Pole, 15 HP At 230 Volt, 30 HP At 460/575 Volt, 50 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO53)	1,160.18	224.87
		For Factory Installed Accessory, Deduct	*-449.73*	

26 29 13 13-0311 NEMA 1, Definite Purpose Starter *(26 29 13 13-0300)*

26 29 13 13-0312	EA	NEMA 1, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 20 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG12)	652.39	141.34
		For Factory Installed Accessory, Deduct	*-282.69*	
26 29 13 13-0313	EA	NEMA 1, 3 Phase, 3 Pole, 3 HP At 230 Volt, 5 HP At 460/575 Volt, 20 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG13)	704.81	154.19
		For Factory Installed Accessory, Deduct	*-308.39*	
26 29 13 13-0314	EA	NEMA 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 25 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG22)	702.59	154.19
		For Factory Installed Accessory, Deduct	*-308.39*	
26 29 13 13-0315	EA	NEMA 1, 3 Phase, 3 Pole, 7.5 HP At 230 Volt, 10 HP At 460/575 Volt, 25 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG23)	758.34	167.05
		For Factory Installed Accessory, Deduct	*-334.08*	
26 29 13 13-0316	EA	NEMA 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 5 HP At 230 Volt, 30 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG32)	744.90	154.19
		For Factory Installed Accessory, Deduct	*-308.39*	
26 29 13 13-0317	EA	NEMA 1, 3 Phase, 3 Pole, 10 HP At 230 Volt, 15 HP At 460/575 Volt, 30 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG33)	805.11	167.05
		For Factory Installed Accessory, Deduct	*-334.08*	
26 29 13 13-0318	EA	NEMA 1, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 40 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG42)	782.76	154.19
		For Factory Installed Accessory, Deduct	*-308.39*	
26 29 13 13-0319	EA	NEMA 1, 3 Phase, 3 Pole, 10 HP At 230 Volt, 20 HP At 460/575 Volt, 40 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG43)	896.60	192.74
		For Factory Installed Accessory, Deduct	*-385.48*	
26 29 13 13-0320	EA	NEMA 1, 1 Phase, 2 Pole, 3 HP At 115 Volt, 10 HP At 230 Volt, 50 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG52)	985.68	192.74
		For Factory Installed Accessory, Deduct	*-385.48*	
26 29 13 13-0321	EA	NEMA 1, 3 Phase, 3 Pole, 15 HP At 230 Volt, 30 HP At 460/575 Volt, 50 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG53)	1,224.76	224.87
		For Factory Installed Accessory, Deduct	*-449.73*	

26 29 13 13-0322 Definite Purpose Starter Accessory *(26 29 13 13-0300)*

26 29 13 13-0323	EA	Start-Stop Push Button Kit, Definite Purpose Starter Accessory Note: Or Hand-Off-Auto Selector Switch Kit	202.29	16.06
		For Factory Installed Accessory, Deduct	*-32.13*	

26 29 13 13-0324 Panel Mounted Miniature Contactor *(26 29 13 13)*

26 29 13 13-0325 Non-Reversing, Panel Mounted Miniature Contactor *(26 29 13 13-0324)*

26 29 13 13-0326	EA	3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amperes, 15 Amperes, AC Coil, Non-Reversing, Panel Mounted Miniature Contactor (Square D LC1K)	191.97	64.24
26 29 13 13-0327	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 9 Amperes, 20 Amperes, AC Coil, Non-Reversing, Panel Mounted Miniature Contactor (Square D LC1K)	224.86	70.68
26 29 13 13-0328	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, AC Coil, Non-Reversing, Panel Mounted Miniature Contactor (Square D LC1K)	224.86	70.68
26 29 13 13-0329	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amperes, 20 Amperes, AC Coil, Non-Reversing, Panel Mounted Miniature Contactor (Square D LC1K)	249.96	77.10
26 29 13 13-0330	EA	3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amperes, 15 Amperes, DC Coil, Non-Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	212.02	64.24
26 29 13 13-0331	EA	3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amperes, 15 Amperes, DC Coil With Integral Suppression, Non-Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	223.15	64.24
26 29 13 13-0332	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Coil, Non-Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	243.79	70.68
26 29 13 13-0333	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Coil With Integral Suppression, Non-Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	254.92	70.68

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0334	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Coil, Non-Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	250.47	70.68
26 29 13 13-0335	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Coil With Integral Suppression, Non-Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	254.92	70.68
26 29 13 13-0336	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 12 Amperes, 20 Amperes, DC Coil, Non-Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	272.23	77.10
26 29 13 13-0337	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Coil With Integral Suppression, Non-Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	261.60	70.68
26 29 13 13-0338	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amperes, 20 Amperes, DC Coil With Integral Suppression, Non-Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	283.36	77.10
26 29 13 13-0339	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Low Consumption Coil With Integral Suppression, Non-Reversing, Panel Mounted Miniature Contactor (Square D LP4K)	263.83	70.68
26 29 13 13-0340	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Low Consumption Coil With Integral Suppression, Non-Reversing, Panel Mounted Miniature Contactor (Square D LP4K)	263.83	70.68
26 29 13 13-0341	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amperes, 20 Amperes, DC Low Consumption Coil With Integral Suppression, Non-Reversing, Panel Mounted Miniature Contactor (Square D LP4K)	294.50	77.10
26 29 13 13-0342	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 12 Amperes, 20 Amperes, DC Low Consumption Coil With Integral Suppression, Non-Reversing, Panel Mounted Miniature Contactor (Square D LP4K)	294.50	77.10

26 29 13 13-0343 Reversing, Panel Mounted Miniature Contactor *(26 29 13 13-0324)*

26 29 13 13-0344	EA	3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amperes, 15 Amperes, AC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LC2K)	273.26	64.24
26 29 13 13-0345	EA	3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amperes, 15 Amperes, AC Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LC2K)	295.53	64.24
26 29 13 13-0346	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, AC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LC2K)	327.30	70.68
26 29 13 13-0347	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 9 Amperes, 20 Amperes, AC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LC2K)	327.30	70.68
26 29 13 13-0348	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, AC Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LC2K)	349.57	70.68
26 29 13 13-0349	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amperes, 20 Amperes, AC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LC2K)	366.88	77.10
26 29 13 13-0350	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 12 Amperes, 20 Amperes, AC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LC2K)	366.88	77.10
26 29 13 13-0351	EA	3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amperes, 15 Amperes, DC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LP2K)	314.46	64.24
26 29 13 13-0352	EA	3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amperes, 15 Amperes, DC Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP2K)	336.73	64.24
26 29 13 13-0353	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LP2K)	366.28	70.68
26 29 13 13-0354	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP2K)	388.55	70.68
26 29 13 13-0355	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amperes, 20 Amperes, DC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LP2K)	412.53	77.10
26 29 13 13-0356	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amperes, 20 Amperes, DC Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP2K)	434.81	77.10
26 29 13 13-0357	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Low Consumption Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP5K)	354.03	70.68
26 29 13 13-0358	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Low Consumption Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP5K)	406.37	70.68
26 29 13 13-0359	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amperes, 20 Amperes, DC Low Consumption Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP5K)	459.30	77.10

26 29 13 13-0360 Panel Mounted Miniature Contactor Accessories *(26 29 13 13-0324)*

26 29 13 13-0361	EA	2 Auxiliary Contacts, 10 Amperes, Panel Mounted Miniature Contactor Accessory (Square D LA1KN02)	81.72	32.13
26 29 13 13-0362	EA	4 Auxiliary Contacts, 10 Amperes, Panel Mounted Miniature Contactor Accessory (Square D LA1KN40)	90.32	32.13
26 29 13 13-0363	EA	Electronic Time Delay Contact, 2 Amperes, Panel Mounted Miniature Contactor Accessory (Square D LA2KT2U)	105.89	32.13
26 29 13 13-0364	EA	Overload Relay, Panel Mounted Miniature Contactor Accessory (Square D LR2K0301)	136.86	32.13

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0365		Reduced Voltage Auto Transformer Type 240-600 Volt, 3 Pole *(26 29 13 13)*		
26 29 13 13-0366		NEMA 1 Enclosure *(26 29 13 13-0365)*		
26 29 13 13-0367	EA	Reduced Voltage Auto Transformer Starter, Size 3, 50 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing	7,760.82	615.82
		For NEMA 4, Add	*812.88*	
26 29 13 13-0368	EA	Reduced Voltage Auto Transformer Starter, Size 4, 100 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing	13,523.03	821.09
		For NEMA 4, Add	*1,484.78*	
26 29 13 13-0369	EA	Reduced Voltage Auto Transformer Starter, Size 5, 200 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing	23,623.45	975.05
		For NEMA 4, Add	*2,709.95*	
26 29 13 13-0370	EA	Reduced Voltage Auto Transformer Starter, Size 6, 300 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing	57,482.93	1,193.15
		For NEMA 4, Add	*6,888.39*	
26 29 13 13-0371	EA	Reduced Voltage Auto Transformer Starter, Size 7, 600 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing	91,671.06	1,526.72
		For NEMA 4, Add	*11,077.05*	
26 29 13 13-0372		NEMA 12 Enclosure *(26 29 13 13-0365)*		
26 29 13 13-0373	EA	Reduced Voltage Auto Transformer Starter, Size 3, 50 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing	7,706.65	628.90
26 29 13 13-0374	EA	Reduced Voltage Auto Transformer Starter, Size 4, 100 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing	13,424.10	822.38
26 29 13 13-0375	EA	Reduced Voltage Auto Transformer Starter, Size 5, 200 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing	23,442.87	971.97
26 29 13 13-0376	EA	Reduced Voltage Auto Transformer Starter, Size 6, 300 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing	57,023.92	1,187.89
26 29 13 13-0377	EA	Reduced Voltage Auto Transformer Starter, Size 7, 600 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing	90,932.94	1,527.36
26 29 13 13-0378		Factory Modifications Pilot Devices *(26 29 13 13-0365)*		
26 29 13 13-0379	EA	Start-Stop Push-button, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device	191.52	
26 29 13 13-0380	EA	H-O-A Select Switch, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device	211.22	
26 29 13 13-0381	EA	Forward-Reverse-Stop, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device	359.54	
26 29 13 13-0382	EA	Pilot Light, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device	195.35	
26 29 13 13-0383	EA	Fused Control Circuit, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device	280.89	
26 29 13 13-0384	EA	Auxiliary Interlock, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device	140.44	
26 29 13 13-0385	EA	Auxiliary Relay, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device	458.40	
26 29 13 13-0386		Factory Modifications Meters *(26 29 13 13-0365)*		
26 29 13 13-0387	EA	Ammeter And Switch, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Meter	1,842.64	
26 29 13 13-0388	EA	Voltmeter, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Meter	1,779.73	
26 29 13 13-0389	EA	Wattmeter, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Meter	629.19	
26 29 13 13-0390	EA	Elapsed-time Meter, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Meter	521.35	
26 29 13 13-0391		Factory Modifications Main Circuit Breakers *(26 29 13 13-0365)*		
26 29 13 13-0392	EA	Reduced Voltage Auto Transformer Starter, Size 3, Circuit Breaker, Factory Modification Main Circuit Breaker	2,435.31	
26 29 13 13-0393	EA	Reduced Voltage Auto Transformer Starter, Size 4, Circuit Breaker, Factory Modification Main Circuit Breaker	4,453.89	
26 29 13 13-0394	EA	Reduced Voltage Auto Transformer Starter, Size 5-7, Circuit Breaker, Factory Modification Main Circuit Breaker	9,473.85	
26 29 13 13-0395		Factory Modifications Addition *(26 29 13 13-0365)*		
		Note: For reversing service auto transformer type.		
26 29 13 13-0396	EA	Reduced Voltage Auto Transformer Starter, Size 3, Factory Modification For Reversing Type 240 - 600 Volt, 3 Phase	408.99	
26 29 13 13-0397	EA	Reduced Voltage Auto Transformer Starter, Size 4, Factory Modification For Reversing Type 240 - 600 Volt, 3 Phase	408.99	
26 29 13 13-0398	EA	Reduced Voltage Auto Transformer Starter, Size 5, Factory Modification For Reversing Type 240 - 600 Volt, 3 Phase	408.99	
26 29 13 13-0399	EA	Reduced Voltage Auto Transformer Starter, Size 6, 7, Factory Modification For Reversing Type 240 - 600 Volt, 3 Phase	408.99	
26 29 13 13-0400		Combination Starters Non-Reversing *(26 29 13 13)*		
26 29 13 13-0401		240-600 Volt, 3-Pole *(26 29 13 13-0400)*		
26 29 13 13-0402		NEMA 1 With Disconnect (Safety) Switch *(26 29 13 13-0401)*		
26 29 13 13-0403	EA	Combination Starter, Size 0, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	1,878.68	295.08
		For Electronic Overloads, Add	*244.10*	
26 29 13 13-0404	EA	Combination Starter, Size 1, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	2,284.99	461.86
		For Electronic Overloads, Add	*257.51*	
26 29 13 13-0405	EA	Combination Starter, Size 2, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	3,215.03	538.85
		For Electronic Overloads, Add	*407.72*	
26 29 13 13-0406	EA	Combination Starter, Size 3, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	4,908.21	667.13
		For Electronic Overloads, Add	*678.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0407	EA	Combination Starter, Size 4, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	9,027.75	1,064.85
		For Electronic Overloads, Add	*1,309.00*	
26 29 13 13-0408	EA	Combination Starter, Size 5, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	18,141.21	1,334.28
		For Electronic Overloads, Add	*2,938.99*	

26 29 13 13-0409 NEMA 1 With Circuit Breaker *(26 29 13 13-0401)*

26 29 13 13-0410	EA	Combination Starter, Size 0, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	2,386.92	295.08
		For Electronic Overloads, Add	*340.66*	
26 29 13 13-0411	EA	Combination Starter, Size 1, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	2,793.23	461.86
		For Electronic Overloads, Add	*354.07*	
26 29 13 13-0412	EA	Combination Starter, Size 2, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	3,709.15	538.85
		For Electronic Overloads, Add	*501.60*	
26 29 13 13-0413	EA	Combination Starter, Size 3, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	5,176.45	667.13
		For Electronic Overloads, Add	*729.61*	
26 29 13 13-0414	EA	Combination Starter, Size 4, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	10,566.58	1,064.85
		For Electronic Overloads, Add	*1,601.38*	
26 29 13 13-0415	EA	Combination Starter, Size 5, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	22,221.25	1,334.28
		For Electronic Overloads, Add	*3,714.20*	

26 29 13 13-0416 Factory Modifications For NEMA 1 Enclosure *(26 29 13 13-0401)*

26 29 13 13-0417	EA	Start-Stop Push-button, Factory Modifications - NEMA 1 Combination Motor Starter, 240 - 600 Volt	231.45	
26 29 13 13-0418	EA	H-O-A Select Switch, Factory Modifications - NEMA 1 Combination Motor Starter, 240 - 600 Volt	543.62	
26 29 13 13-0419	EA	Pilot Light, Factory Modifications - NEMA 1 Combination Motor Starter, 240 - 600 Volt	375.19	

26 29 13 13-0420 NEMA 4 With Disconnect (Safety) Switch *(26 29 13 13-0401)*

26 29 13 13-0421	EA	Combination Starter, Size 0, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	3,431.97	384.88
		For Electronic Overloads, Add	*501.60*	
26 29 13 13-0422	EA	Combination Starter, Size 1, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	3,779.74	538.85
		For Electronic Overloads, Add	*515.02*	
26 29 13 13-0423	EA	Combination Starter, Size 2, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	5,423.25	590.16
		For Electronic Overloads, Add	*804.71*	
26 29 13 13-0424	EA	Combination Starter, Size 3, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	8,639.69	718.46
		For Electronic Overloads, Add	*1,370.69*	
26 29 13 13-0425	EA	Combination Starter, Size 4, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	13,686.61	1,064.85
		For Electronic Overloads, Add	*2,194.18*	
26 29 13 13-0426	EA	Combination Starter, Size 5, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	30,028.38	1,334.28
		For Electronic Overloads, Add	*5,197.55*	

26 29 13 13-0427 NEMA 4 With Circuit Breaker *(26 29 13 13-0401)*

26 29 13 13-0428	EA	Combination Starter, Size 0, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	3,940.21	384.88
		For Electronic Overloads, Add	*598.17*	
26 29 13 13-0429	EA	Combination Starter, Size 1, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	4,287.98	538.85
		For Electronic Overloads, Add	*611.58*	
26 29 13 13-0430	EA	Combination Starter, Size 2, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	5,917.38	590.16
		For Electronic Overloads, Add	*898.60*	
26 29 13 13-0431	EA	Combination Starter, Size 3, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	8,907.93	718.46
		For Electronic Overloads, Add	*1,421.66*	
26 29 13 13-0432	EA	Combination Starter, Size 4, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	15,225.45	1,064.85
		For Electronic Overloads, Add	*2,486.56*	
26 29 13 13-0433	EA	Combination Starter, Size 5, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	28,433.07	1,334.28
		For Electronic Overloads, Add	*4,894.45*	

26 29 13 13-0434 Factory Modifications For NEMA 4 Enclosure *(26 29 13 13-0401)*

26 29 13 13-0435	EA	Start-Stop Push-button, Factory Modifications - NEMA 4 Combination Motor Starter, 240 - 600 Volt	231.48	
26 29 13 13-0436	EA	H-0-A Select Switch, Factory Modifications - NEMA 4 Combination Motor Starter, 240 - 600 Volt	543.62	
26 29 13 13-0437	EA	Pilot Light, Factory Modifications - NEMA 4 Combination Motor Starter, 240 - 600 Volt	375.19	

26 29 13 13-0438 NEMA 12 With Disconnect (Safety) Switch *(26 29 13 13-0401)*

26 29 13 13-0439	EA	Combination Starter, Size 0, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	1,942.91	297.00
		For Electronic Overloads, Add	*256.30*	
26 29 13 13-0440	EA	Combination Starter, Size 1, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	2,352.75	464.81
		For Electronic Overloads, Add	*270.38*	
26 29 13 13-0441	EA	Combination Starter, Size 2, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	3,322.32	534.61
		For Electronic Overloads, Add	*428.11*	
26 29 13 13-0442	EA	Combination Starter, Size 3, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	5,086.79	668.17
		For Electronic Overloads, Add	*712.57*	
26 29 13 13-0443	EA	Combination Starter, Size 4, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	9,372.21	1,069.21
		For Electronic Overloads, Add	*1,374.45*	
26 29 13 13-0444	EA	Combination Starter, Size 5, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	18,914.61	1,336.33
		For Electronic Overloads, Add	*3,085.94*	

26 29 13 13-0445 NEMA 12 With Circuit Breaker *(26 29 13 13-0401)*

26 29 13 13-0446	EA	Combination Starter, Size 0, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	2,549.79	297.00
		For Electronic Overloads, Add	*371.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0447	EA	Combination Starter, Size 1, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	2,962.51	464.81
		For Electronic Overloads, Add	*386.24*	
26 29 13 13-0448	EA	Combination Starter, Size 2, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	3,948.97	534.61
		For Electronic Overloads, Add	*547.17*	
26 29 13 13-0449	EA	Combination Starter, Size 3, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	5,525.26	668.17
		For Electronic Overloads, Add	*795.88*	
26 29 13 13-0450	EA	Combination Starter, Size 4, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	11,332.19	1,069.21
		For Electronic Overloads, Add	*1,746.84*	
26 29 13 13-0451	EA	Combination Starter, Size 5, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	23,996.98	1,336.33
		For Electronic Overloads, Add	*4,051.59*	
26 29 13 13-0452		**Factory Modifications For NEMA 12 Enclosure** *(26 29 13 13-0401)*		
26 29 13 13-0453	EA	Start-Stop Push-button, Factory Modifications - NEMA 12 Combination Motor Starter, 240 - 600 Volt	229.55	
26 29 13 13-0454	EA	H-O-A Select Switch, Factory Modifications - NEMA 12 Combination Motor Starter, 240 - 600 Volt	539.10	
26 29 13 13-0455	EA	Pilot Light, Factory Modifications - NEMA 12 Combination Motor Starter, 240 - 600 Volt	372.06	
26 29 13 13-0456		**NEMA 7 Or 9 With Circuit Breaker** *(26 29 13 13-0401)*		
26 29 13 13-0457	EA	Combination Starter, Size 0, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	4,489.99	615.82
26 29 13 13-0458	EA	Combination Starter, Size 1, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	6,081.97	821.09
26 29 13 13-0459	EA	Combination Starter, Size 2, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	6,631.55	1,129.00
26 29 13 13-0460	EA	Combination Starter, Size 3, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	9,842.67	1,539.55
26 29 13 13-0461	EA	Combination Starter, Size 4, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	14,817.76	2,155.37
26 29 13 13-0462		**Factory Modifications For NEMA 7 Or 9 Enclosure** *(26 29 13 13-0401)*		
26 29 13 13-0463	EA	Start-Stop Push-button, Factory Modifications - NEMA 7 Or 9 Combination Motor Starter, 240 - 600 Volt	1,376.45	
26 29 13 13-0464	EA	H-0-A Select Switch, Factory Modifications - NEMA 7 Or 9 Combination Motor Starter, 240 - 600 Volt	1,376.45	
26 29 13 13-0465	EA	Pilot Light, Factory Modifications - NEMA 7 Or 9 Combination Motor Starter, 240 - 600 Volt	1,376.45	
26 29 13 13-0466		**Combination Starters Reversing** *(26 29 13 13)*		
26 29 13 13-0467		**240-600 Volt, 3 Pole** *(26 29 13 13-0466)*		
26 29 13 13-0468		**NEMA 1 With Disconnect (Safety) Switch** *(26 29 13 13-0467)*		
26 29 13 13-0469	EA	Combination Starter, Size 0, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	2,322.92	384.88
26 29 13 13-0470	EA	Combination Starter, Size 1, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	2,702.62	538.85
26 29 13 13-0471	EA	Combination Starter, Size 2, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	3,918.38	590.16
26 29 13 13-0472	EA	Combination Starter, Size 3, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	5,950.08	718.46
26 29 13 13-0473	EA	Combination Starter, Size 4, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	11,614.57	1,064.85
26 29 13 13-0474		**NEMA 1 With Circuit Breaker** *(26 29 13 13-0467)*		
26 29 13 13-0475	EA	Combination Starter, Size 0, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	2,591.08	384.88
26 29 13 13-0476	EA	Combination Starter, Size 1, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	2,988.87	538.85
26 29 13 13-0477	EA	Combination Starter, Size 2, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	4,253.48	590.16
26 29 13 13-0478	EA	Combination Starter, Size 3, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	5,488.73	718.46
26 29 13 13-0479	EA	Combination Starter, Size 4, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	12,520.97	1,064.85
26 29 13 13-0480		**NEMA 12 With Disconnect (Safety) Switch** *(26 29 13 13-0467)*		
26 29 13 13-0481	EA	Combination Starter, Size 0, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	2,478.86	396.05
26 29 13 13-0482	EA	Combination Starter, Size 1, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	2,869.00	534.61
26 29 13 13-0483	EA	Combination Starter, Size 2, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	4,196.49	594.01
26 29 13 13-0484	EA	Combination Starter, Size 3, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	6,410.93	712.81
26 29 13 13-0485	EA	Combination Starter, Size 4, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	12,579.79	1,069.21
26 29 13 13-0486		**NEMA 12 With Circuit Breaker** *(26 29 13 13-0467)*		
26 29 13 13-0487	EA	Combination Starter, Size 0, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	2,774.34	396.05
26 29 13 13-0488	EA	Combination Starter, Size 1, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	3,184.41	534.61
26 29 13 13-0489	EA	Combination Starter, Size 2, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	4,565.73	594.01
26 29 13 13-0490	EA	Combination Starter, Size 3, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	5,902.60	712.81
26 29 13 13-0491	EA	Combination Starter, Size 4, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	13,578.51	1,069.21
26 29 13 13-0492		**NEMA 7 Or 9 With Circuit Breaker** *(26 29 13 13-0467)*		
26 29 13 13-0493	EA	Combination Starter, Size 0, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	5,449.50	821.09
26 29 13 13-0494	EA	Combination Starter, Size 1, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	5,863.61	1,026.36
26 29 13 13-0495	EA	Combination Starter, Size 2, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	8,422.68	1,334.28
26 29 13 13-0496	EA	Combination Starter, Size 3, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	13,378.98	1,744.82
26 29 13 13-0497	EA	Combination Starter, Size 4, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	24,374.36	2,360.64
26 29 13 13-0498		**Solid State Motor Controllers** *(26 29 13 13)*		
26 29 13 13-0499		**Adjustable Voltage Drives, DC Motors** *(26 29 13 13-0498)*		
26 29 13 13-0500	EA	0.5-1.5 HP DC Solid State Motor Controller, Reversing With Dynamic Braking	1,839.91	230.93

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0501	EA	0.5-2.0 HP DC Solid State Motor Controller, Non-Reversing With Dynamic Braking	2,215.15	230.93
26 29 13 13-0502		**Removal And Reinstallation Of Motor Starters** *(26 29 13 13)* Note: Includes storage and cleaning.		
26 29 13 13-0503	EA	Removal And Reinstallation Of Up To 25 HP Motor Starter With Disconnect	916.39	
26 29 13 13-0504		**Auxiliary Devices** *(26 29 13 13)*		
26 29 13 13-0505	EA	Normally Open, Auxiliary Contact	548.75	128.30
26 29 13 13-0506	EA	Normally Closed, Auxiliary Contact	548.75	128.30
26 29 13 13-0507	EA	Pilot Light Kit	578.23	128.30
26 29 23		**Variable-Frequency Motor Controllers** *(26 29)*		
26 29 23 00-0001		**208/230 Volt, Ultra Low Harmonic (ULH) Variable Frequency Drives** *(26 29 23)* Note: 1 or 3 phase. Wall mounted. ABB ACH580 Series. Includes full voltage bypass with main input circuit breaker. NEMA 1 enclosure.		
26 29 23 00-0002	EA	3/4 HP, 208/230 Volt Variable Frequency Drive	2,198.01	452.98
		For 6-Pulse Drive Package, Deduct	*-710.56*	
26 29 23 00-0003	EA	1 HP, 208/230 Volt Variable Frequency Drive	2,472.91	495.09
		For 6-Pulse Drive Package, Deduct	*-818.03*	
26 29 23 00-0004	EA	1-1/2 HP, 208/230 Volt Variable Frequency Drive	2,870.33	544.38
		For 6-Pulse Drive Package, Deduct	*-979.86*	
26 29 23 00-0005	EA	2 HP, 208/230 Volt Variable Frequency Drive	3,020.06	523.27
		For 6-Pulse Drive Package, Deduct	*-1,085.44*	
26 29 23 00-0006	EA	3 HP, 208/230 Volt Variable Frequency Drive	3,238.67	570.51
		For 6-Pulse Drive Package, Deduct	*-1,153.71*	
26 29 23 00-0007	EA	5 HP, 208/230 Volt Variable Frequency Drive	3,497.28	570.51
		For 6-Pulse Drive Package, Deduct	*-1,295.95*	
26 29 23 00-0008	EA	7.5 HP, 208/230 Volt Variable Frequency Drive	4,178.40	681.19
		For 6-Pulse Drive Package, Deduct	*-1,548.82*	
26 29 23 00-0009	EA	10 HP, 208/230 Volt Variable Frequency Drive	4,551.95	681.19
		For 6-Pulse Drive Package, Deduct	*-1,754.27*	
26 29 23 00-0010	EA	15 HP, 208/230 Volt Variable Frequency Drive	6,016.74	1,025.66
		For 6-Pulse Drive Package, Deduct	*-2,180.99*	
26 29 23 00-0011	EA	20 HP, 208/230 Volt Variable Frequency Drive	7,051.20	1,025.66
		For 6-Pulse Drive Package, Deduct	*-2,749.94*	
26 29 23 00-0012	EA	25 HP, 208/230 Volt Variable Frequency Drive	8,615.54	1,362.49
		For 6-Pulse Drive Package, Deduct	*-3,239.87*	
26 29 23 00-0013	EA	30 HP, 208/230 Volt Variable Frequency Drive	9,908.61	1,362.49
		For 6-Pulse Drive Package, Deduct	*-3,951.06*	
26 29 23 00-0014	EA	40 HP, 208/230 Volt Variable Frequency Drive	11,029.28	1,362.49
		For 6-Pulse Drive Package, Deduct	*-4,567.43*	
26 29 23 00-0015	EA	50 HP, 208/230 Volt Variable Frequency Drive	14,536.31	1,722.36
		For 6-Pulse Drive Package, Deduct	*-6,100.44*	
26 29 23 00-0016	EA	60 HP, 208/230 Volt Variable Frequency Drive	17,523.00	2,037.51
		For 6-Pulse Drive Package, Deduct	*-7,396.39*	
26 29 23 00-0017	EA	75 HP, 208/230 Volt Variable Frequency Drive	19,821.80	2,037.51
		For 6-Pulse Drive Package, Deduct	*-8,660.73*	
26 29 23 00-0018		**460/480 Volt, Ultra Low Harmonic (ULH) Variable Frequency Drives** *(26 29 23)* Note: 3 Phase. ABB ACH580 Series. Includes full voltage bypass with main circuit breaker. NEMA 1 enclosure.		
26 29 23 00-0019	EA	3 HP, 460/480 Volt Variable Frequency Drive Note: Wall mounted.	5,193.19	815.03
		For 6-Pulse Drive Package, Deduct	*-1,959.73*	
26 29 23 00-0020	EA	5 HP, 460/480 Volt Variable Frequency Drive Note: Wall mounted.	5,365.60	815.03
		For 6-Pulse Drive Package, Deduct	*-2,054.55*	
26 29 23 00-0021	EA	7.5 HP, 460/480 Volt Variable Frequency Drive Note: Wall mounted.	5,878.82	971.12
		For 6-Pulse Drive Package, Deduct	*-2,165.19*	
26 29 23 00-0022	EA	10 HP, 460/480 Volt Variable Frequency Drive Note: Wall mounted.	5,907.55	971.12
		For 6-Pulse Drive Package, Deduct	*-2,180.99*	
26 29 23 00-0023	EA	15 HP, 460/480 Volt Variable Frequency Drive Note: Wall mounted.	7,944.39	1,472.25
		For 6-Pulse Drive Package, Deduct	*-2,749.94*	
26 29 23 00-0024	EA	20 HP, 460/480 Volt Variable Frequency Drive Note: Wall mounted.	8,346.68	1,472.25
		For 6-Pulse Drive Package, Deduct	*-2,971.20*	
26 29 23 00-0025	EA	25 HP, 460/480 Volt Variable Frequency Drive Note: Wall mounted.	10,062.38	1,942.23
		For 6-Pulse Drive Package, Deduct	*-3,397.91*	
26 29 23 00-0026	EA	30 HP, 460/480 Volt Variable Frequency Drive Note: Wall mounted.	11,499.14	1,942.23
		For 6-Pulse Drive Package, Deduct	*-4,188.13*	
26 29 23 00-0027	EA	40 HP, 460/480 Volt Variable Frequency Drive Note: Wall mounted.	12,993.36	1,942.23
		For 6-Pulse Drive Package, Deduct	*-5,009.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 23 00-0028	EA	50 HP, 460/480 Volt Variable Frequency Drive Note: Wall mounted.	17,002.78	2,467.10
		For 6-Pulse Drive Package, Deduct	*-6,637.79*	
26 29 23 00-0029	EA	60 HP, 460/480 Volt Variable Frequency Drive Note: Wall mounted.	22,632.58	2,925.68
		For 6-Pulse Drive Package, Deduct	*-9,229.68*	
26 29 23 00-0030	EA	75 HP, 460/480 Volt Variable Frequency Drive Note: Wall mounted.	24,011.86	2,925.68
		For 6-Pulse Drive Package, Deduct	*-9,988.29*	
26 29 23 00-0031	EA	100 HP, 460/480 Volt Variable Frequency Drive Note: Wall mounted.	27,783.99	3,260.10
		For 6-Pulse Drive Package, Deduct	*-11,695.15*	
26 29 23 00-0032	EA	125 HP, 460/480 Volt Variable Frequency Drive Note: Wall mounted.	29,278.21	3,260.10
		For 6-Pulse Drive Package, Deduct	*-12,516.97*	
26 29 23 00-0033	EA	150 HP, 460/480 Volt Variable Frequency Drive Note: Floor mounted.	32,381.59	3,260.10
		For 6-Pulse Drive Package, Deduct	*-14,223.83*	
26 29 23 00-0034	EA	200 HP, 460/480 Volt Variable Frequency Drive Note: Floor mounted.	37,408.70	3,934.56
		For 6-Pulse Drive Package, Deduct	*-16,246.77*	
26 29 23 00-0035	EA	250 HP, 460/480 Volt Variable Frequency Drive Note: Floor mounted.	46,706.83	4,110.16
		For 6-Pulse Drive Package, Deduct	*-21,167.58*	
26 29 23 00-0036	EA	300 HP, 460/480 Volt Variable Frequency Drive Note: Floor mounted.	54,764.87	4,716.26
		For 6-Pulse Drive Package, Deduct	*-24,932.79*	
26 29 23 00-0037	EA	350 HP, 460/480 Volt Variable Frequency Drive Note: Floor mounted.	62,963.31	5,114.93
		For 6-Pulse Drive Package, Deduct	*-29,003.33*	
26 29 23 00-0038	EA	400 HP, 460/480 Volt Variable Frequency Drive Note: Floor mounted.	72,921.69	5,523.08
		For 6-Pulse Drive Package, Deduct	*-34,031.61*	
26 29 23 00-0039	EA	450 HP, 460/480 Volt Variable Frequency Drive Note: Floor mounted.	78,596.43	5,989.18
		For 6-Pulse Drive Package, Deduct	*-36,639.94*	

26 29 33 Controllers for Fire Pump Drivers *(26 29)*

26 29 33 13 Full-Service Controllers for Fire Pump Electric-Motor Drivers *(26 29 33)*

26 29 33 13-0001 Electric Controllers For Fire Pumps *(26 29 33 13)*

26 29 33 13-0002 Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller *(26 29 33 13-0001)*

26 29 33 13-0003	EA	30 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	23,708.93	260.51
26 29 33 13-0004	EA	40 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	26,840.93	289.45
26 29 33 13-0005	EA	50 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	28,145.25	318.39
26 29 33 13-0006	EA	75 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	32,088.51	347.34
26 29 33 13-0007	EA	150 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	33,913.86	405.23
26 29 33 13-0008	EA	175 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	36,165.81	521.01
26 29 33 13-0009	EA	200 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	39,203.39	578.90
26 29 33 13-0010	EA	250 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	44,836.10	659.95
26 29 33 13-0011	EA	300 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	54,016.54	712.05
26 29 33 13-0012	EA	350 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	63,476.10	810.46
26 29 33 13-0013	EA	400 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	75,714.25	868.35
26 29 33 13-0014	EA	500 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	85,465.76	926.24

26 29 33 19 Controllers for Fire Pump Diesel Engine Drivers *(26 29 33)*

See CSI section 26 29 33 13-0000 for controllers for fire pump diesel engine drivers.

26 30 Facility Electrical Power Generating and Storing Equipment *(26)*

26 31 Photovoltaic Collectors *(26 30)*

26 31 00 00-0001 Rigid Photovoltaic Modules *(26 31)*

26 31 00 00-0002 Sanyo Rigid Photovoltaic Modules *(26 31 00 00-0001)*

26 31 00 00-0003	EA	205 Watt Hybrid Monocrystalline With Thin Amorphous Layers Photovoltaic Module, 62.2" x 31.4", 16.3% Module Efficiency (Sanyo HIP-205NHKA6)	2,262.44	121.88
		For >25 To 50, Deduct	*-163.59*	
		For >50 To 100, Deduct	*-220.15*	
		For >100, Deduct	*-327.18*	
26 31 00 00-0004	EA	210 Watt Hybrid Monocrystalline With Thin Amorphous Layers Photovoltaic Module, 62.2" x 31.4", 16.7% Module Efficiency (Sanyo HIP-210NHKA6)	2,371.86	121.88
		For >25 To 50, Deduct	*-171.80*	
		For >50 To 100, Deduct	*-231.09*	
		For >100, Deduct	*-343.59*	
26 31 00 00-0005	EA	215 Watt Hybrid Monocrystalline With Thin Amorphous Layers Photovoltaic Module, 62.2" x 31.4", 17.1% Module Efficiency (Sanyo HIP-215HNKA6)	2,219.51	121.88
		For >25 To 50, Deduct	*-160.37*	
		For >50 To 100, Deduct	*-215.86*	
		For >100, Deduct	*-320.74*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 31 00 00-0006		**Sharp Rigid Photovoltaic Modules** *(26 31 00 00-0001)*		
26 31 00 00-0007	EA	224 Watt Polycrystalline Photovoltaic Module, 64.6" x 39.1", 13.74% Module Efficiency (Sharp ND-224UC1)	1,769.71	121.88
		For >25 To 50, Deduct	*-126.63*	
		For >50 To 100, Deduct	*-170.88*	
		For >100, Deduct	*-253.27*	
26 31 00 00-0008	EA	230 Watt Monocrystalline Photovoltaic Module, 64.6" x 39.1", 14.1% Module Efficiency (Sharp NU-U230F3)	2,013.96	121.88
		For >25 To 50, Deduct	*-144.95*	
		For >50 To 100, Deduct	*-195.30*	
		For >100, Deduct	*-289.91*	
26 31 00 00-0009	EA	235 Watt Monocrystalline Photovoltaic Module, 64.6" x 39.1", 14.4% Module Efficiency (Sharp NU-U235F1)	2,052.65	121.88
		For >25 To 50, Deduct	*-147.85*	
		For >50 To 100, Deduct	*-199.17*	
		For >100, Deduct	*-295.71*	
26 31 00 00-0010	EA	240 Watt Monocrystalline Photovoltaic Module, 64.6" x 39.1", 14.7% Module Efficiency (Sharp NU-U240F1)	1,931.73	121.88
		For >25 To 50, Deduct	*-138.79*	
		For >50 To 100, Deduct	*-187.08*	
		For >100, Deduct	*-277.57*	
26 31 00 00-0011		**BP Solar Rigid Photovoltaic Modules** *(26 31 00 00-0001)*		
		Note: Approved for applications in NEC Class 1, Division 2, Groups C and D hazardous locations.		
26 31 00 00-0012	EA	50 Watt Polycrystalline Photovoltaic Module, 33" x 21.1" (BP SX350J)	869.98	121.88
		For >25 To 50, Deduct	*-59.15*	
		For >50 To 100, Deduct	*-80.90*	
		For >100, Deduct	*-118.31*	
26 31 00 00-0013	EA	75 Watt Polycrystalline Photovoltaic Module, 47.6" x 21.14" (BP SX375J)	1,075.53	121.88
		For >25 To 50, Deduct	*-74.57*	
		For >50 To 100, Deduct	*-101.46*	
		For >100, Deduct	*-149.14*	
26 31 00 00-0014	EA	80 Watt Polycrystalline Photovoltaic Module, 47.6" x 20.9" (BP SX380J)	1,157.76	121.88
		For >25 To 50, Deduct	*-80.74*	
		For >50 To 100, Deduct	*-109.68*	
		For >100, Deduct	*-161.48*	
26 31 00 00-0015		**Solarflexion Solar Rigid Photovoltaic Modules** *(26 31 00 00-0001)*		
26 31 00 00-0016	EA	450 Watt 144 ½ cells BoW Monocrystalline Solar Panel (SolarFlexion PS450M4H-24TH)	683.85	121.88
		For >25 To 50, Deduct	*-45.19*	
		For >50 To 100, Deduct	*-62.29*	
		For >100, Deduct	*-90.39*	
26 31 00 00-0017		**Photovoltaic Inverters** *(26 31)*		
26 31 00 00-0018		**Fronius Photovoltaic Inverters** *(26 31 00 00-0017)*		
26 31 00 00-0019	EA	3 KW Photovoltaic Inverter (Fronius IG Plus 3.0-1)	5,398.13	128.30
26 31 00 00-0020	EA	5 KW Photovoltaic Inverter (Fronius IG Plus 5.0-1)	7,122.26	128.30
26 31 00 00-0021	EA	6 KW Photovoltaic Inverter (Fronius IG Plus 6.0-1)	7,518.37	128.30
26 31 00 00-0022	EA	7.5 KW Photovoltaic Inverter (Fronius IG Plus 7.5-1)	8,407.10	128.30
26 31 00 00-0023	EA	10 KW Photovoltaic Inverter (Fronius IG Plus 10.0-1)	13,315.94	128.30
26 31 00 00-0024	EA	12 KW Photovoltaic Inverter (Fronius IG Plus 12.0-3-1)	15,479.80	128.30
26 31 00 00-0025	EA	11.4 KW Photovoltaic Inverter (Fronius IG Plus 11.4-3 Delta)	12,599.46	256.60
26 31 00 00-0026	EA	11.4 KW Photovoltaic Inverter (Fronius IG Plus 11.4-3)	15,949.07	256.60
26 31 00 00-0027	EA	Inverter Display Stand (Fronius 4,045,894)	470.97	64.14
26 31 00 00-0028		**SMA Photovoltaic Inverters** *(26 31 00 00-0017)*		
26 31 00 00-0029	EA	4 KW AC Photovoltaic Inverter (SMA Sunny Boy 4000TL-US-22)	4,007.33	128.30
26 31 00 00-0030	EA	5 KW AC Photovoltaic Inverter (SMA Sunny Boy 5000TL-US-22)	4,811.27	128.30
26 31 00 00-0031	EA	6 KW AC Photovoltaic Inverter (SMA Sunny Boy 6000TL-US-22)	5,560.50	128.30
26 31 00 00-0032	EA	7 KW AC Photovoltaic Inverter (SMA Sunny Boy 7000TL-US-22)	6,132.47	128.30
26 31 00 00-0033	EA	8 KW AC Photovoltaic Inverter (SMA Sunny Boy 8000TL-US-12)	5,939.80	128.30
26 31 00 00-0034		**PVPowered Photovoltaic Inverters** *(26 31 00 00-0017)*		
26 31 00 00-0035	EA	120 Volt, 1.1 KW Photovoltaic Inverter (PVPowered PVP1100)	4,960.51	128.30
26 31 00 00-0036	EA	240 Volt, 2 KW Photovoltaic Inverter (PVPowered PVP2000)	5,188.26	128.30
26 31 00 00-0037	EA	240 Volt, 2.5 KW Photovoltaic Inverter (PVPowered PVP2500)	5,732.94	128.30
26 31 00 00-0038	EA	240 Volt, 3.5 KW Photovoltaic Inverter (PVPowered PVP3500)	6,797.26	160.36
26 31 00 00-0039	EA	208 Volt, 4.6 KW Photovoltaic Inverter (PVPowered PVP4600)	8,287.42	192.44
26 31 00 00-0040	EA	240 Volt, 4.8 KW Photovoltaic Inverter (PVPowered PVP4800)	8,356.76	192.44
26 31 00 00-0041	EA	240 Volt, 5.2 KW Photovoltaic Inverter (PVPowered PVP5200)	8,818.22	192.44
26 31 00 00-0042	EA	208 Volt, 75 KW Photovoltaic Inverter (PVPowered PVP75kW)	105,187.39	1,026.36
26 31 00 00-0043	EA	480 Volt, 75 KW Photovoltaic Inverter (PVPowered PVP75kW)	105,326.67	1,026.36
26 31 00 00-0044	EA	208 Volt, 100 KW Photovoltaic Inverter (PVPowered PVP100kW)	113,976.76	1,026.36
26 31 00 00-0045	EA	480 Volt, 100 KW Photovoltaic Inverter (PVPowered PVP100kW)	105,659.05	1,026.36
26 31 00 00-0046		**Solectria Photovoltaic Inverters** *(26 31 00 00-0017)*		
26 31 00 00-0047	EA	208 Or 480 Volt, 10 KW Photovoltaic Inverter (Solectria PVI)	16,537.92	256.60

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 31 00 00-0048	EA	208 Or 480 Volt, 13 KW Photovoltaic Inverter (Solectria PVI)	16,537.92	256.60
26 31 00 00-0049	EA	208 Volt, 15 KW, Photovoltaic Inverter (Solectria PVI)	17,021.88	256.60
26 31 00 00-0050	EA	480 Volt, 15 KW Photovoltaic Inverter (Solectria PVI)	17,021.88	256.60
26 31 00 00-0051	EA	208 Volt, 50 KW Photovoltaic Inverter (Solectria PVI)	51,818.50	769.78
26 31 00 00-0052	EA	480 Volt, 50 KW Photovoltaic Inverter (Solectria PVI)	49,398.66	769.78
26 31 00 00-0053	EA	208 Volt, 60 KW Photovoltaic Inverter (Solectria PVI)	56,658.19	769.78
26 31 00 00-0054	EA	480 Volt, 60 KW Photovoltaic Inverter (Solectria PVI)	55,313.83	769.78
26 31 00 00-0055	EA	208 Volt, 75 KW Photovoltaic Inverter (Solectria PVI)	60,153.52	769.78
26 31 00 00-0056	EA	480 Volt, 75 KW Photovoltaic Inverter (Solectria PVI)	57,464.80	769.78
26 31 00 00-0057	EA	208 Volt, 85 KW Photovoltaic Inverter (Solectria PVI)	63,355.41	1,026.36
26 31 00 00-0058	EA	480 Volt, 85 KW Photovoltaic Inverter (Solectria PVI)	60,397.82	1,026.36
26 31 00 00-0059	EA	208 Volt, 100 KW Photovoltaic Inverter (Solectria PVI)	65,775.25	1,026.36
26 31 00 00-0060	EA	480 Volt, 100 KW Photovoltaic Inverter (Solectria PVI)	62,279.92	1,026.36
26 31 00 00-0061		**Xantrex Photovoltaic Inverters** *(26 31 00 00-0017)*		
26 31 00 00-0062	EA	0.6 KW Photovoltaic Inverter (Xantrex 806-1206)	691.08	32.08
26 31 00 00-0063	EA	1 KW Photovoltaic Inverter (Xantrex 806-1210)	753.36	32.08
26 31 00 00-0064	EA	2 KW Photovoltaic Inverter (Xantrex 806-1220)	1,210.99	32.08
26 31 00 00-0065		**Chint Power Systems Photovoltaic Inverters** *(26 31 00 00-0017)*		
26 31 00 00-0066	EA	208 Volt, 25 KW, Photovoltaic Inverter (CPS SCA25KTL-D0)	7,562.71	513.18
26 31 00 00-0067		**Photovoltaic DC-DC Converters** *(26 31)*		
26 31 00 00-0068	EA	15 Amperes, 20 To 35 Volt Input, 13.8 Volt Output DC Voltage Converter (Samlex SDC-20) Note: Hazardous locations.	405.76	48.11
26 31 00 00-0069	EA	20 Amperes, 20 To 35 Volt Input, 13.8 Volt Output DC Voltage Converter (Samlex SDC-23)	270.34	48.11
26 31 00 00-0070	EA	60 Amperes, 20 To 35 Volt Input, 13.8 Volt Output DC Voltage Converter (Samlex SDC-60)	754.00	48.11
26 31 00 00-0071		**Photovoltaic Combiner Boxes** *(26 31)*		
26 31 00 00-0072		**Midnight Solar Photovoltaic Combiner Boxes** *(26 31 00 00-0071)*		
26 31 00 00-0073	EA	3 - 150 Volt DC Breaker Or 3 - 600 Volt DC Fuse Holder, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV3)	484.95	128.30
26 31 00 00-0074	EA	6 - 150 Volt DC Breaker Or 4 - 600 Volt DC Fuse Holder, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV6)	472.41	128.30
26 31 00 00-0075	EA	12 - 150 Volt DC Breaker Or 10 - 600 Volt DC Fuse Holder, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV12)	751.85	192.44
26 31 00 00-0076	EA	6 - 300 Volt DC Breaker, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV12-250)	756.24	192.44
26 31 00 00-0077	EA	16, 600 Volt DC Breakers, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV16)	1,163.05	192.44
26 31 00 00-0078		**SMA Photovoltaic Combiner Boxes** *(26 31 00 00-0071)*		
26 31 00 00-0079	EA	6 Input NEMA 3R, Steel Photovoltaic Combiner Box (SMA SBCB-6)	1,076.87	128.30
26 31 00 00-0080	EA	12 Input NEMA 3R, Steel Photovoltaic Combiner Box (SMA SCCB-12)	1,290.59	128.30
26 31 00 00-0081	EA	28 Input NEMA 3R, Steel Photovoltaic Combiner Box (SMA SCCB-28)	2,499.48	256.60
26 31 00 00-0082	EA	52 Input NEMA 3R, Steel Photovoltaic Combiner Box (SMA SCCB-52)	5,753.48	256.60
26 31 00 00-0083	EA	4 Input NEMA 3R, Steel Combination DC Disconnect And Photovoltaic Combiner Box (SMA Combi-Switch)	961.21	128.30
26 31 00 00-0084		**Photovoltaic Charge Controller** *(26 31)*		
26 31 00 00-0085	EA	35 Amperes, 12 Or 24 Volt, Charge Controller (Xantrex C-35)	323.54	48.11
26 31 00 00-0086	EA	40 Amperes, 12 Or 24 Volt, Charge Controller (Xantrex C-40)	432.36	48.11
26 31 00 00-0087	EA	60 Amperes, 12 Or 24 Volt, Charge Controller (Xantrex C-60)	504.91	48.11
26 31 00 00-0088	EA	Remote Digital Meter For Xantrex C-35, 40 And 60	386.42	48.11
26 31 00 00-0089	EA	MPPT Charge Controller (Xantrex XW SCC)	1,342.17	64.14
26 31 00 00-0090		**Photovoltaic Batteries** *(26 31)*		
26 31 00 00-0091		**Concorde Photovoltaic Batteries** *(26 31 00 00-0090)*		
26 31 00 00-0092	EA	34 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-340T)	299.42	19.24
26 31 00 00-0093	EA	45 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-420T)	377.48	25.66
26 31 00 00-0094	EA	49 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-490T)	409.11	25.66
26 31 00 00-0095	EA	56 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-560T)	468.37	38.49
26 31 00 00-0096	EA	69 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-690T)	533.60	38.49
26 31 00 00-0097	EA	89 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-890T)	633.41	44.90
26 31 00 00-0098	EA	104 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-1040T)	726.43	51.32
26 31 00 00-0099	EA	108 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-1080T)	717.99	51.32
26 31 00 00-0100	EA	210 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-2120T)	1,317.80	60.94
26 31 00 00-0101	EA	255 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-2580T)	1,524.26	64.14
26 31 00 00-0102		**Deka Photovoltaic Batteries** *(26 31 00 00-0090)*		
26 31 00 00-0103	EA	31 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8GU1)	313.32	32.13
26 31 00 00-0104	EA	50 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8G22NF)	431.82	32.13
26 31 00 00-0105	EA	74 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8G24)	637.38	32.13

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 31 00 00-0106	EA	86 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8G27)	729.27	32.13
26 31 00 00-0107	EA	98 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8G31)	731.69	32.13
26 31 00 00-0108	EA	183 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8G4D)	1,418.49	32.13
26 31 00 00-0109	EA	225 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8G8D)	1,640.97	32.13
26 31 00 00-0110		**Battery Enclosures** *(26 31 00 00-0090)*		
26 31 00 00-0111	EA	14" x 12" x 8" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge 55-2501-010)	354.34	32.08
26 31 00 00-0112	EA	22" x 16" x 8" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETS1GC)	1,740.12	32.13
26 31 00 00-0113	EA	37" x 16" x 8" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETS2GCL)	1,636.14	32.13
26 31 00 00-0114	EA	37" x 16" x 14.5" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETS4GC)	2,180.25	32.13
26 31 00 00-0115	EA	15" x 17.1" x 8.4" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETSLCF1)	971.10	32.13
26 31 00 00-0116	EA	31" x 36" x 14" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETSBR827BP)	2,284.24	32.13
26 31 00 00-0117		**Photovoltaic System Monitoring** *(26 31)*		
26 31 00 00-0118	EA	Solar Inverter Monitor (Xantrex 864-0203)	747.87	64.14
26 31 00 00-0119	EA	Photovoltaic System Monitoring, Remote Diagnosis, Data Storage Communication Hub (SMA Sunny WebBox)	1,549.58	32.08
26 31 00 00-0120	EA	Sun Radiation And Temperature Monitor (SMA Sunny SensorBox)	1,294.52	32.08
26 31 00 00-0121	EA	PT100 Ambient Temperature Sensor For Sunny SensorBox (SMA)	237.82	32.08
26 31 00 00-0122	EA	Wind Sensor Accessory For Sunny SensorBox (SMA)	588.46	64.14
26 31 00 00-0123	EA	Sunny Boy Control with RS485 (SMA)	1,524.19	32.08
26 31 00 00-0124	EA	RS 485 Module (SMA)	345.61	32.08
26 31 00 00-0125	EA	RS 232 Module (SMA)	354.34	32.08
26 31 00 00-0126	EA	Wireless Monitor with Bluetooth (SMA Sunny Beam)	664.46	
26 31 00 00-0127	EA	Bluetooth Piggy-Back Computer Card (SMA)	359.04	32.08
26 31 00 00-0128	EA	RS485-N Communication Computer Card (SMA)	356.61	32.08
26 31 00 00-0129	EA	Bluetooth Repeater (SMA)	674.67	32.08
26 31 00 00-0130	EA	Sunny Boy PC Service Cable (SMA)	320.77	9.62
26 31 00 00-0131	EA	Integrated Revenue Grade Meter, Option (PVPowered)	6,202.94	
26 31 00 00-0132	EA	Data Monitoring Module (PVPowered PVM1010)	673.25	32.08
26 31 00 00-0133	EA	Wireless IG Personal Display (Fronius 4,240,108)	675.07	
26 31 00 00-0134	EA	DatCom Power Supply (Fronius 43,0001,2311)	220.44	
26 31 00 00-0135	EA	Wireless Card For IG Personal Display (Fronius 4,240,008,Z)	400.23	32.08
26 31 00 00-0136	EA	Retrofit Solar Inverter Interface And Power Supply Option Communication Card (Fronius 4,240,001,Z)	338.32	32.08
26 31 00 00-0137	EA	Datalogger Pro Box (Fronius 4,240,102)	1,334.43	32.08
26 31 00 00-0138	EA	Datalogger Easy Box (Fronius 4,240,103)	867.34	32.08
26 31 00 00-0139	EA	Datalogger Interface Box (Fronius 4,240,105)	1,506.80	32.08
26 31 00 00-0140	EA	Datalogger Web (Fronius 4,240,122)	2,590.66	32.08
26 31 00 00-0141	EA	Interface Box (Fronius 4,240,109)	694.60	32.08
26 31 00 00-0142	EA	Interface Card (Fronius 4,240,009,Z)	495.04	32.08
26 31 00 00-0143	EA	Interface Card Easy (Fronius 4,240,013,Z)	325.76	32.08
26 31 00 00-0144	EA	Sensor Box (Fronius 4,240,104)	1,393.77	32.08
26 31 00 00-0145	EA	Ambient Temperature Sensor (Fronius 43,0001,1188)	152.78	32.08
26 31 00 00-0146	EA	Irradiance Sensor (Fronius 43,0001,1188)	482.76	32.08
26 31 00 00-0147	EA	Module Temperature Sensor (Fronius 43,0001,1190)	537.88	32.08
26 31 00 00-0148	EA	Wind Speed Sensor (Fronius 42,0411,0027)	281.69	64.14
26 31 00 00-0149		**Photovoltaic System Accessories** *(26 31)*		
26 31 00 00-0150	EA	Four Inverter Bypass Switch (OutBack AC-IOB-100Q)	1,026.05	64.14
26 31 00 00-0151	EA	Line Communication Filter (Enphase LCF)	2,237.19	128.30
26 31 00 00-0152	EA	15 Meter RS 485 Communication Cable (SMA)	171.59	9.62
26 31 00 00-0153	EA	15 Meter RS 232 Communication Cable (SMA)	258.65	9.62
26 31 00 00-0154	EA	24" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	39.33	3.18
26 31 00 00-0155	EA	36" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	42.25	3.18
26 31 00 00-0156	EA	48" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	43.90	3.18
26 31 00 00-0157	EA	72" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	48.47	3.18
26 31 00 00-0158	EA	120" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	55.33	3.18
26 31 00 00-0159	EA	240" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	87.80	6.35
26 31 00 00-0160	EA	360" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	109.08	6.35
26 31 00 00-0161	EA	420" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	143.13	9.53
26 31 00 00-0162	EA	36" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect	49.61	3.18
26 31 00 00-0163	EA	120" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect	69.04	3.18
26 31 00 00-0164	EA	240" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect	101.51	6.35
26 31 00 00-0165	EA	360" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect	135.79	6.35
26 31 00 00-0166	EA	600" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect	220.17	12.70
26 31 00 00-0167	EA	1200" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect	229.85	12.70
26 31 00 00-0168	EA	Lighting Kit, 9 Watt Fluorescent, 12 Volt, 4.5 Ampere Hours Battery Note: Tamper proof enclosure.	4,095.92	346.40
26 31 00 00-0169		**Photovoltaic Mounting Systems** *(26 31)*		
26 31 00 00-0170	LF	Anodized Aluminum Photovoltaic Module Mounting Rail (UNIRAC SolarMount Standard)	13.92	3.21
26 31 00 00-0171	EA	Splice Bar For Photovoltaic Module Mounting Rail (UNIRAC 310229)	39.66	16.03
26 31 00 00-0172	EA	Splice Plate For Photovoltaic Module Mounting Rail (UNIRAC 310216)	50.43	16.03
26 31 00 00-0173	EA	8" x 3/8" Hanger Bolt (UNIRAC 310046) Note: Supports mounting rail above tile or metal roof.	26.71	6.41
26 31 00 00-0174	EA	Mounting Rail Grounding Clip (UNIRAC 980006) Note: One grounding clip for every two top mounting clamps (end clamps + mid clamps) in your installation. Only one of the two rails in each row requires grounding clips.	12.63	4.81

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 31 00 00-0175	EA	Mounting Rail Grounding Lugs (UNIRAC 980012) Note: Two grounding lugs for each rail splice and one additional lug for each rail.	27.21	6.41
26 31 00 00-0176	EA	Anodized Aluminum Photovoltaic Module Mounting End Clamp (UNIRAC 320002) Note: Four for each row of modules you plan to mount.	7.28	2.14
26 31 00 00-0177	EA	Anodized Aluminum Photovoltaic Module Mounting Mid Clamp (UNIRAC 320008) Note: For each row, take one less than the number of modules in the row and multiply that figure by 2.	7.63	2.14
26 31 00 00-0178	EA	Photovoltaic Module Mount L-Feet (UNIRAC 310065)	18.86	6.41
26 31 00 00-0179	EA	12" Leg Extension, Photovoltaic Module One Leg Tilt Kit (UNIRAC 310121) Note: Includes one square tube, one strut insert, two L-feet, and stainless steel hardware for use with mounting rail. Excludes standoffs.	112.55	32.08
26 31 00 00-0180	EA	30" Leg Extension, Photovoltaic Module One Leg Tilt Kit (UNIRAC 310122) Note: Includes one square tube, one strut insert, two L-feet, and stainless steel hardware for use with mounting rail. Excludes standoffs.	124.74	32.08
26 31 00 00-0181	EA	44" Leg Extension, Photovoltaic Module One Leg Tilt Kit (UNIRAC 310123) Note: Includes one square tube, one strut insert, two L-feet, and stainless steel hardware for use with mounting rail. Excludes standoffs.	134.56	32.08
26 31 00 00-0182	EA	12" Leg Extension, Photovoltaic Module Two Leg Tilt Kit (UNIRAC 310107) Note: Includes two square tubes, two strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.	165.29	48.11
26 31 00 00-0183	EA	44" Leg Extension, Photovoltaic Module Two Leg Tilt Kit (UNIRAC 310108) Note: Includes two square tubes, two strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.	201.85	48.11
26 31 00 00-0184	EA	72" Leg Extension, Photovoltaic Module Two Leg Tilt Kit (UNIRAC 310109) Note: Includes two square tubes, two strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.	235.03	48.11
26 31 00 00-0185	EA	18" Leg Extension, Photovoltaic Module Four Leg Tilt Kit (UNIRAC 310111) Note: Includes four square tubes, four strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.	258.31	64.14
26 31 00 00-0186	EA	64" Leg Extension, Photovoltaic Module Four Leg Tilt Kit (UNIRAC 310112) Note: Includes four square tubes, four strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.	345.66	64.14
26 31 00 00-0187	EA	104" Leg Extension, Photovoltaic Module Four Leg Tilt Kit (UNIRAC 310110) Note: Includes four square tubes, four strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.	485.63	96.22
26 31 00 00-0188	EA	Ballasted Photovoltaic Module Frame (UNIRAC 310351) Note: Excludes ballast.	237.06	
26 31 00 00-0189	EA	Ballasted Photovoltaic Module Frame With Module Mount (UNIRAC 310355) Note: Excludes ballast.	442.04	
26 31 00 00-0190	EA	3" High Galvanized Steel Photovoltaic Module Standoff (UNIRAC 310051)	88.21	32.08
26 31 00 00-0191	EA	4" High Galvanized Steel Photovoltaic Module Standoff (UNIRAC 310052)	89.33	32.08
26 31 00 00-0192	EA	6" High Galvanized Steel Photovoltaic Module Standoff (UNIRAC 310053)	90.35	32.08
26 31 00 00-0193	EA	7" High Galvanized Steel Photovoltaic Module Standoff (UNIRAC 310054)	92.92	32.08
26 31 00 00-0194	EA	3" High Aluminum Photovoltaic Module Standoff (UNIRAC 310553)	81.41	32.08
26 31 00 00-0195	EA	4" High Aluminum Photovoltaic Module Standoff (UNIRAC 310554)	82.70	32.08
26 31 00 00-0196	EA	6" High Aluminum Photovoltaic Module Standoff (UNIRAC 310555)	86.49	32.08
26 31 00 00-0197	EA	7" High Aluminum Photovoltaic Module Standoff (UNIRAC 310556)	85.41	32.08
26 31 00 00-0198	EA	3" Photovoltaic Module FastFoot Standoff Assembly (UNIRAC 310390)	170.03	48.11
26 31 00 00-0199	EA	4" Photovoltaic Module FastFoot Standoff Assembly (UNIRAC 310391)	170.81	48.11
26 31 00 00-0200	EA	7" Photovoltaic Module FastFoot Standoff Assembly (UNIRAC 310394)	173.11	48.11
26 31 00 00-0201	EA	Photovoltaic Module Rapidfoot Standoff Assembly (UNIRAC 310370)	170.70	48.11
26 31 00 00-0202	EA	Photovoltaic Module Standoff Flashing (UNIRAC 990103)	34.10	6.41
26 31 00 00-0203	EA	Photovoltaic Module Standoff Ethylene Propylene Diene Monomer (EPDM) Patch (UNIRAC 990161)	22.34	6.41
26 31 00 00-0204	EA	1/4" Photovoltaic Module Standing Seam Metal Roof Mounting Block (UNIRAC 004030M-0100)	42.53	9.62
26 31 00 00-0205	EA	3/8" Photovoltaic Module Standing Seam Metal Roof Mounting Block (UNIRAC 004031M-0100)	44.29	9.62
26 31 00 00-0206	EA	Photovoltaic Module Standing Seam Metal Roof Mounting Clamp (UNIRAC 004032M-0100) Note: Mid or end clamp.	12.40	2.14
26 31 00 00-0207	EA	Photovoltaic Module Tile Roof Mounting Hook (UNIRAC 905011C-0024)	56.73	6.41
26 31 00 00-0208	EA	Photovoltaic Module Wire Clip (UNIRAC 908002S-0100)	2.88	

26 32 Packaged Generator Assemblies *(26 30)*

26 32 13 Engine Generators *(26 32)*

See CSI section 23 13 23 13-0001 for fuel storage tanks.

26 32 13 13 Diesel-Engine-Driven Generator Sets *(26 32 13)*

See CSI section 01 22 23 00-0710 for fuel reimbursment for commissioning.

26 32 13 13-0001 Diesel Generator Sets (Cummins) *(26 32 13 13)*

Note: 3 Phase, 4-Wire 480/277 or 208/120 Volt complete with radiator, fuel pump, battery charger, silencer, exhaust flex, indicating and operating controls, electronic governor. Pricing based on installation above grade on concrete pad without enclosure. Includes manufacturer's representative at startup. Excludes fuel, fuel tank, enclosure, active diesel particulate filter, utility piping, wiring, automatic transfer switch, loadbank testing and concrete pad. See CSI section 01 22 23 00-0689 for loadbank rental, 01 22 23 00-0710 for fuel reimbursement, 23 13 23 13-0001 for fuel day tank, 26 36 23 00-0000 for automatic transfer switch.

26 32 13 13-0002	EA	20 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	34,576.79	1,107.12
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*18,944.48*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*25,259.31*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*12,070.42*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*16,093.89*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*13,060.29*	
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*5,129.38*	
		For Single Phase, Add	*1,292.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 13 13-0003	EA	25 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	36,365.72	1,169.39
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*18,944.48*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*25,259.31*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*12,070.42*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*16,093.89*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*13,060.29*	
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*5,129.38*	
26 32 13 13-0004	EA	30 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	38,179.45	1,235.13
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*18,944.48*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*25,259.31*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*12,070.42*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*16,093.89*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*13,060.29*	
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*5,129.38*	
		For Single Phase, Add	*1,425.41*	
26 32 13 13-0005	EA	35 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	38,959.43	1,363.13
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*18,944.48*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*25,259.31*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*12,070.42*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*16,093.89*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*13,060.29*	
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*5,129.38*	
26 32 13 13-0006	EA	40 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	39,753.37	1,494.61
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*18,944.48*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*25,259.31*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*12,070.42*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*16,093.89*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*13,060.29*	
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*5,129.38*	
26 32 13 13-0007	EA	50 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	46,648.31	1,716.03
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*18,944.48*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*25,259.31*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*12,070.42*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*16,093.89*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*13,060.29*	
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*5,129.38*	
26 32 13 13-0008	EA	60 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	50,264.46	1,972.05
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*18,944.48*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*25,259.31*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*12,070.42*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*16,093.89*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*13,060.29*	
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*5,129.38*	
26 32 13 13-0009	EA	80 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	59,054.69	2,311.11
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*18,944.48*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*25,259.31*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*12,070.42*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*16,093.89*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*13,060.29*	
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*5,129.38*	
26 32 13 13-0010	EA	100 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	63,478.77	2,684.75
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*26,859.84*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*20,144.88*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*24,606.17*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*18,454.63*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*16,756.59*	
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*7,780.18*	
26 32 13 13-0011	EA	125 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	64,933.10	3,182.95
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*26,859.84*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*20,144.88*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*24,606.17*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*18,454.63*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*16,756.59*	
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*7,780.18*	
26 32 13 13-0012	EA	150 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	71,783.86	3,508.17
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*26,859.84*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*20,144.88*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*24,606.17*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*18,454.63*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*16,756.59*	
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*7,780.18*	
26 32 13 13-0013	EA	175 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	75,422.02	3,916.42
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*26,859.84*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*20,144.88*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*24,606.17*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*18,454.63*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*16,756.59*	
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*7,780.18*	
26 32 13 13-0014	EA	200 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	80,158.45	4,290.07
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*26,859.84*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*20,144.88*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*24,606.17*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*18,454.63*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*16,756.59*	
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*7,780.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 13 13-0015	EA	230 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	86,416.99	4,532.25
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*26,859.84*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*20,144.88*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*24,606.17*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*18,454.63*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*16,756.59*	
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*7,780.18*	
26 32 13 13-0016	EA	250 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	90,071.39	4,719.09
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*91,058.36*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*61,196.04*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*68,293.77*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*55,869.88*	
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*50,456.40*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*74,493.17*	
26 32 13 13-0017	EA	275 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	98,020.33	4,975.10
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*91,058.36*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*61,196.04*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*68,293.77*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*55,869.88*	
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*50,456.40*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*74,493.17*	
26 32 13 13-0018	EA	300 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	100,155.19	5,196.53
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*91,058.36*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*61,196.04*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*68,293.77*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*55,869.88*	
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*50,456.40*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*74,493.17*	
26 32 13 13-0019	EA	350 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	112,905.39	5,812.36
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*91,058.36*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*61,196.04*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*68,293.77*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*55,869.88*	
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*50,456.40*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*74,493.17*	
26 32 13 13-0020	EA	400 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	121,550.37	6,365.92
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*91,058.36*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*61,196.04*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*68,293.77*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*55,869.88*	
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*50,456.40*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*74,493.17*	
26 32 13 13-0021	EA	450 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	137,229.06	6,857.20
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*91,058.36*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*61,196.04*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*68,293.77*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*55,869.88*	
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*50,456.40*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*74,493.17*	
26 32 13 13-0022	EA	500 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	144,332.61	7,306.97
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*91,058.36*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*61,196.04*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*68,293.77*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*55,869.88*	
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*50,456.40*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*74,493.17*	
26 32 13 13-0023	EA	600 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	209,741.27	8,047.35
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*121,234.12*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*165,498.90*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*144,602.80*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*192,803.73*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*124,124.18*	
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*103,073.17*	
26 32 13 13-0024	EA	750 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	240,194.42	8,850.01
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*121,234.12*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*165,498.90*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*144,602.80*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*192,803.73*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*124,124.18*	
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*103,073.17*	
26 32 13 13-0025	EA	800 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	250,821.78	9,043.76
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*121,234.12*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*165,498.90*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*144,602.80*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*192,803.73*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*124,124.18*	
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*103,073.17*	
26 32 13 13-0026	EA	900 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	305,953.75	9,749.54
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*121,234.12*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*165,498.90*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*144,602.80*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*192,803.73*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*124,124.18*	
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*103,073.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 13 13-0027	EA	1,000 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	341,764.79	10,379.21
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*121,234.12*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*165,498.90*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*144,602.80*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*192,803.73*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*124,124.18*	
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*103,073.17*	

26 32 13 13-0028 Diesel Generator Sets (Generac SD) *(26 32 13 13)*

Note: 3 Phase, 4-Wire 480/277 or 208/120 Volt complete with 24 hour run time fuel tank, radiator, fuel pump, battery charger, silencer, exhaust flex, indicating and operating controls, electronic governor. Pricing based on installation above grade on concrete pad. Includes startup and training. Excludes fuel, utility piping, wiring, automatic transfer switch, loadbank testing and concrete pad. See CSI section 01 22 23 00-0689 for loadbank rental, 01 22 23 00-0710 for fuel reimbursement, 26 36 23 00-0000 for automatic transfer switch.

26 32 13 13-0029	EA	10 KW, Industrial, Diesel Generator Set (Generac SD)	22,389.90	691.95
		For Steel Weather Protective Housing, Add	*3,146.47*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*5,826.69*	
26 32 13 13-0030	EA	15 KW, Industrial, Diesel Generator Set (Generac SD)	22,830.69	830.33
		For Steel Weather Protective Housing, Add	*3,146.47*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*5,826.69*	
26 32 13 13-0031	EA	20 KW, Industrial, Diesel Generator Set (Generac SD)	23,650.86	927.21
		For Steel Weather Protective Housing, Add	*3,146.47*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*5,826.69*	
26 32 13 13-0032	EA	25 KW, Industrial, Diesel Generator Set (Generac SD)	25,403.70	1,107.12
		For Steel Weather Protective Housing, Add	*3,146.47*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*5,826.69*	
26 32 13 13-0033	EA	30 KW, Industrial, Diesel Generator Set (Generac SD)	25,979.13	1,235.13
		For Steel Weather Protective Housing, Add	*3,146.47*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*5,826.69*	
26 32 13 13-0034	EA	35 KW, Industrial, Diesel Generator Set (Generac SD)	28,800.95	1,363.13
		For Steel Weather Protective Housing, Add	*3,146.47*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*5,826.69*	
26 32 13 13-0035	EA	40 KW, Industrial, Diesel Generator Set (Generac SD)	29,293.69	1,494.61
		For Steel Weather Protective Housing, Add	*3,146.47*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*5,826.69*	
26 32 13 13-0036	EA	50 KW, Industrial, Diesel Generator Set (Generac SD)	30,333.40	1,716.03
		For Steel Weather Protective Housing, Add	*3,146.47*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*5,826.69*	
26 32 13 13-0037	EA	60 KW, Industrial, Diesel Generator Set (Generac SD)	33,126.16	1,972.05
		For Steel Weather Protective Housing, Add	*3,813.90*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*7,657.36*	
26 32 13 13-0038	EA	80 KW, Industrial, Diesel Generator Set (Generac SD)	39,893.16	2,311.11
		For Steel Weather Protective Housing, Add	*3,813.90*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*8,257.09*	
26 32 13 13-0039	EA	100 KW, Industrial, Diesel Generator Set (Generac SD)	41,654.27	2,657.07
		For Steel Weather Protective Housing, Add	*5,656.65*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*10,099.84*	
26 32 13 13-0040	EA	135 KW, Industrial, Diesel Generator Set (Generac SD)	51,701.24	3,252.16
		For Steel Weather Protective Housing, Add	*5,656.65*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*10,442.14*	
26 32 13 13-0041	EA	150 KW, Industrial, Diesel Generator Set (Generac SD)	54,482.56	3,508.17
		For Steel Weather Protective Housing, Add	*5,656.65*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*10,442.14*	
26 32 13 13-0042	EA	180 KW, Industrial, Diesel Generator Set (Generac SD)	61,917.73	3,978.69
		For Steel Weather Protective Housing, Add	*5,656.65*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*10,442.14*	
26 32 13 13-0043	EA	200 KW, Industrial, Diesel Generator Set (Generac SD)	61,949.01	4,290.07
		For Steel Weather Protective Housing, Add	*7,093.85*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*11,879.34*	
26 32 13 13-0044	EA	230 KW, Industrial, Diesel Generator Set (Generac SD)	74,781.82	4,532.25
		For Steel Weather Protective Housing, Add	*7,093.85*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*19,100.96*	
26 32 13 13-0045	EA	250 KW, Industrial, Diesel Generator Set (Generac SD)	79,537.64	4,719.09
		For Steel Weather Protective Housing, Add	*7,093.85*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*19,100.96*	
26 32 13 13-0046	EA	275 KW, Industrial, Diesel Generator Set (Generac SD)	81,691.26	4,975.10
		For Steel Weather Protective Housing, Add	*10,806.05*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*22,813.16*	
26 32 13 13-0047	EA	300 KW, Industrial, Desel Generator Set (Generac SD)	89,507.32	5,196.53
		For Steel Weather Protective Housing, Add	*10,806.05*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*22,813.16*	
26 32 13 13-0048	EA	350 KW, Industrial, Diesel Generator Set (Generac SD)	97,182.57	5,812.36
		For Steel Weather Protective Housing, Add	*10,806.05*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*23,474.87*	
26 32 13 13-0049	EA	400 KW, Industrial, Diesel Generator Set (Generac SD)	104,406.91	6,227.53
		For Steel Weather Protective Housing, Add	*10,806.05*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*23,474.87*	
26 32 13 13-0050	EA	500 KW, Industrial, Diesel Generator Set (Generac SD)	116,167.60	7,306.97
		For Steel Weather Protective Housing, Add	*18,116.02*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*25,816.29*	
26 32 13 13-0051	EA	600 KW, Industrial, Diesel Generator Set (Generac SD)	156,281.27	8,047.35
		For Steel Weather Protective Housing, Add	*23,588.97*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*36,257.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 13 13-0052		**Diesel Generator Sets (Kohler)** *(26 32 13 13)* Note: 3 Phase, 4-Wire 480/277, 416/240 or 380/220 Volt complete with radiator, fuel pump, battery charger, silencer, exhaust flex, indicating and operating controls, electronic governor. Pricing based on installation above grade on concrete pad. Includes manufacturer's representative at startup. Excludes fuel, fuel tank, utility piping, wiring, automatic transfer switch, loadbank testing and concrete pad. See CSI section 01 22 23 00-0689 for loadbank rental, 01 22 23 00-0710 for fuel reimbursement, 23 13 23 13-0001 for fuel day tank, 26 36 23 00-0000 for automatic transfer switch.		
26 32 13 13-0053	EA	80 KW Diesel Generator Set, 3 Phase (Kohler 80REOZJ)	35,401.16	2,311.11
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*18,944.48*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*25,259.31*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*12,070.42*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*16,093.89*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*13,060.29*	
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*5,129.38*	
26 32 13 13-0054	EA	100 KW Diesel Generator Set, 3 Phase (Kohler 100REOZJ)	37,208.21	2,684.75
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*26,859.84*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*20,144.88*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*24,606.17*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*18,454.63*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*16,756.59*	
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*7,780.18*	
26 32 13 13-0055	EA	125 KW Diesel Generator Set, 3 Phase (Kohler 125REOZJ)	47,017.88	3,182.95
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*26,859.84*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*20,144.88*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*24,606.17*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*18,454.63*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*16,756.59*	
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*7,780.18*	
26 32 13 13-0056	EA	150 KW Diesel Generator Set, 3 Phase (Kohler 150REOZJ)	48,527.86	3,508.17
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*26,859.84*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*20,144.88*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*24,606.17*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*18,454.63*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*16,756.59*	
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*7,780.18*	
26 32 13 13-0057	EA	200 KW Diesel Generator Set, 3 Phase (Kohler 200REOZJ)	57,905.40	4,290.07
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*26,859.84*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*20,144.88*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*24,606.17*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*18,454.63*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*16,756.59*	
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*7,780.18*	
26 32 13 13-0058	EA	250 KW Diesel Generator Set, 3 Phase (Kohler 250REOZJ)	72,192.09	4,719.09
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*91,058.36*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*61,196.04*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*68,293.77*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*55,869.88*	
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*50,456.40*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*74,493.17*	
26 32 13 13-0059	EA	300 KW Diesel Generator Set, 3 Phase (Kohler 300REOZJ)	79,151.41	5,196.53
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*91,058.36*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*61,196.04*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*68,293.77*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*55,869.88*	
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*50,456.40*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*74,493.17*	
26 32 13 13-0060	EA	350 KW Diesel Generator Set, 3 Phase (Kohler 350REOZJ)	87,743.39	5,812.36
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*91,058.36*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*61,196.04*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*68,293.77*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*55,869.88*	
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*50,456.40*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*74,493.17*	
26 32 13 13-0061	EA	400 KW Diesel Generator Set, 3 Phase (Kohler 400REOZJ)	93,321.20	6,365.92
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*91,058.36*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*61,196.04*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*68,293.77*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*55,869.88*	
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*50,456.40*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*74,493.17*	
26 32 13 13-0062	EA	500 KW Diesel Generator Set, 3 Phase (Kohler 500REOZJ)	110,708.69	7,306.97
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*91,058.36*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*61,196.04*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*68,293.77*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*55,869.88*	
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*50,456.40*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*74,493.17*	
26 32 13 13-0063	EA	600 KW Diesel Generator Set, 3 Phase (Kohler 600REOZJ)	137,494.87	8,047.35
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*121,234.12*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*165,498.90*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*144,602.80*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*192,803.73*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*124,124.18*	
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*103,073.17*	
26 32 13 13-0064	EA	1,250 KW Diesel Generator Set, 3 Phase (Kohlar REOZDD)	475,747.08	10,725.19
26 32 13 13-0065	EA	1,500 KW Diesel Generator Set, 3 Phase (Kohlar REOZDD)	486,242.08	11,071.16

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 13 13-0066	EA	1,750 KW Diesel Generator Set, 3 Phase (Kohlar REOZDD)	568,811.05	11,417.14
26 32 13 13-0067	EA	2,000 KW Diesel Generator Set, 3 Phase (Kohlar REOZDD)	670,631.68	11,763.10
26 32 13 13-0068	EA	2,250 KW Diesel Generator Set, 3 Phase (Kohlar REOZDD)	763,625.97	12,109.08
26 32 13 13-0069	EA	2,500 KW Diesel Generator Set, 3 Phase (Kohlar REOZDB)	962,267.50	12,455.05
26 32 13 13-0070	EA	2,800 KW Diesel Generator Set, 3 Phase (Kohlar REOZDB)	1,160,909.06	12,801.03
26 32 13 13-0071	EA	3,000 KW Diesel Generator Set, 3 Phase (Kohlar REOZD)	1,328,176.64	13,492.97
26 32 13 13-0072	EA	3,250 KW Diesel Generator Set, 3 Phase (Kohlar REOZD)	1,417,811.37	14,184.92
26 32 13 13-0073	EA	4,000 KW Diesel Generator Set, 3 Phase (Caterpillar C175)	2,069,201.04	16,260.76

26 32 13 13-0074 Diesel Generator Sets (Taylor) *(26 32 13 13)*

Note: 3 Phase, 4-Wire 480/277 or 208/120 Volt complete with radiator, fuel pump, battery charger, silencer, exhaust flex, indicating and operating controls, electronic governor. Pricing based on installation above grade on concrete pad without enclosure. Includes manufacturer's representative at startup. Excludes fuel tank, enclosure, active diesel particulate filter, utility piping, wiring, automatic transfer switch, loadbank testing and concrete pad. See CSI section 01 22 23 00-0689 for loadbank rental, 23 13 23 13-0001 for fuel day tank, 26 36 23 00-0000 for automatic transfer switch.

26 32 13 13-0075	EA	9 KW Diesel Generator Set, 3 Phase (Taylor TD9)	25,200.81	829.51
26 32 13 13-0076	EA	13 KW Diesel Generator Set, 3 Phase (Taylor TD13)	25,909.96	935.65
26 32 13 13-0077	EA	20 KW Diesel Generator Set, 3 Phase (Taylor TD20)	27,114.68	1,044.15
26 32 13 13-0078	EA	28 KW Diesel Generator Set, 3 Phase (Taylor TD28)	30,118.60	1,171.19
26 32 13 13-0079	EA	30 KW Diesel Generator Set, 3 Phase (Taylor TD30)	31,511.56	1,235.13
26 32 13 13-0080	EA	55 KW Diesel Generator Set, 3 Phase (Taylor TD55)	35,244.96	1,844.04
26 32 13 13-0081	EA	60 KW Diesel Generator Set, 3 Phase (Taylor TD60)	38,236.67	1,972.05
26 32 13 13-0082	EA	80 KW Diesel Generator Set, 3 Phase (Taylor TD80)	41,061.48	2,311.11
26 32 13 13-0083	EA	100 KW Diesel Generator Set, 3 Phase (Taylor TD100)	42,644.65	2,684.75
26 32 13 13-0084	EA	125 KW Diesel Generator Set, 3 Phase (Taylor TD125)	56,796.26	3,182.95
26 32 13 13-0085	EA	140 KW Diesel Generator Set, 3 Phase (Taylor TD140)	57,740.66	3,345.57
26 32 13 13-0086	EA	150 KW Diesel Generator Set, 3 Phase (Taylor TD150)	58,744.38	3,508.17
26 32 13 13-0087	EA	175 KW Diesel Generator Set, 3 Phase (Taylor TD175)	62,609.17	3,916.42
26 32 13 13-0088	EA	200 KW Diesel Generator Set, 3 Phase (Taylor TD200)	65,494.70	4,290.07
26 32 13 13-0089	EA	250 KW Diesel Generator Set, 3 Phase (Taylor TD250)	79,510.60	4,719.09
26 32 13 13-0090	EA	300 KW Diesel Generator Set, 3 Phase (Taylor TD300)	90,094.70	5,196.53
26 32 13 13-0091	EA	350 KW Diesel Generator Set, 3 Phase (Taylor TD350)	98,398.59	5,812.36
26 32 13 13-0092	EA	400 KW Diesel Generator Set, 3 Phase (Taylor TD400)	100,987.85	6,365.92
26 32 13 13-0093	EA	450 KW Diesel Generator Set, 3 Phase (Taylor TD450)	109,022.03	6,857.20
26 32 13 13-0094	EA	500 KW Diesel Generator Set, 3 Phase (Taylor TD500)	114,643.81	7,306.97
26 32 13 13-0095	EA	550 KW Diesel Generator Set, 3 Phase (Taylor TD550)	117,928.48	7,677.15
26 32 13 13-0096	EA	600 KW Diesel Generator Set, 3 Phase (Taylor TD600)	145,276.36	8,047.35

26 32 13 13-0097 Diesel Particulate Filters *(26 32 13 13)*

26 32 13 13-0098	EA	Up To 50 KW Diesel Generator, Active Diesel Particulate Filter With Stainless Steel Enclosure Note: Includes 304 stainless steel housing, CARB Level 3+ Verified, and 4KW rated. Requires 480 volt, 3 phase power to a supplied 20 amp CB.	37,272.98	
26 32 13 13-0099	EA	>50 To 75 KW Diesel Generator, Active Diesel Particulate Filter With Stainless Steel Enclosure Note: Includes 304 stainless steel housing, CARB Level 3+ Verified, and 4KW rated. Requires 480 volt, 3 phase power to a supplied 20 amp CB.	48,727.05	
26 32 13 13-0100	EA	>75 To 100 KW Diesel Generator, Active Diesel Particulate Filter With Stainless Steel Enclosure Note: Includes 304 stainless steel housing, CARB Level 3+ Verified, and 4KW rated. Requires 480 volt, 3 phase power to a supplied 20 amp CB.	59,041.08	
26 32 13 13-0101	EA	>100 To 200 KW Diesel Generator, Active Diesel Particulate Filter With Stainless Steel Enclosure Note: Includes 304 stainless steel housing, CARB Level 3+ Verified, and 4KW rated. Requires 480 volt, 3 phase power to a supplied 20 amp CB.	72,426.12	
26 32 13 13-0102	EA	>200 To 500 KW Diesel Generator, Active Diesel Particulate Filter With Stainless Steel Enclosure Note: Includes 304 stainless steel housing, CARB Level 3+ Verified, and 4KW rated. Requires 480 volt, 3 phase power to a supplied 20 amp CB.	85,134.88	
26 32 13 13-0103	EA	>500 To 1,000 KW Diesel Generator, Active Diesel Particulate Filter With Stainless Steel Enclosure Note: Includes 304 stainless steel housing, CARB Level 3+ Verified, and 4KW rated. Requires 480 volt, 3 phase power to a supplied 20 amp CB.	106,353.17	

26 32 13 19 Natural Gas-Engine-Driven Generator Sets *(26 32 13)*

26 32 13 19-0001 Natural Gas Or Propane Generator Sets (Cummins) *(26 32 13 19)*

Note: 3 Phase, 4-Wire 480/277 or 208/120 Volt complete with radiator, fuel pump, battery charger, silencer, exhaust flex, indicating and operating controls, electronic governor. Pricing based on installation above grade on concrete pad without enclosure. Includes manufacturer's representative at startup. Excludes fuel, fuel tank, enclosure, utility piping, wiring, automatic transfer switch, loadbank testing and concrete pad. See CSI section 01 22 23 00-0689 for loadbank rental, 01 22 23 00-0710 for fuel reimbursement, 26 36 23 00-0000 for automatic transfer switches.

26 32 13 19-0002	EA	20 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGMA)	15,433.22	927.21
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*12,070.42*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*16,093.89*	
		For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*5,052.81*	
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*4,665.25*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*8,383.09*	
26 32 13 19-0003	EA	25 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGMB)	17,439.30	1,107.12
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*12,070.42*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*16,093.89*	
		For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*5,052.81*	
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*4,665.25*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*8,383.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 13 19-0004	EA	29 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGMC)	20,129.60	1,231.67
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*12,070.42*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*16,093.89*	
		For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*5,052.81*	
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*4,665.25*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*8,383.09*	
26 32 13 19-0005	EA	35 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGPA)	22,835.50	1,363.13
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*12,070.42*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*16,093.89*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*23,988.92*	
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*4,665.25*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*14,292.39*	
26 32 13 19-0006	EA	40 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGPB)	25,627.77	1,494.61
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*12,070.42*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*16,093.89*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*23,988.92*	
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*4,665.25*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*14,292.39*	
26 32 13 19-0007	EA	45 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGPC)	27,775.47	1,612.24
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*12,070.42*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*16,093.89*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*23,988.92*	
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*4,665.25*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*14,292.39*	
26 32 13 19-0008	EA	60 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGHE)	30,407.51	1,972.05
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*12,070.42*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*16,093.89*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*23,988.92*	
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*4,665.25*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*14,292.39*	
26 32 13 19-0009	EA	70 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGHF)	32,637.10	2,207.31
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*12,070.42*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*16,093.89*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*23,988.92*	
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*4,665.25*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*14,292.39*	
26 32 13 19-0010	EA	85 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGHG)	42,798.02	2,359.54
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*18,454.63*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*23,988.92*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*24,606.17*	
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*8,502.70*	
		For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*16,756.59*	
26 32 13 19-0011	EA	100 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGHH)	51,557.46	2,657.07
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*18,454.63*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*23,988.92*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*24,606.17*	
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*8,502.70*	
		For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*16,756.59*	
26 32 13 19-0012	EA	125 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGLA)	59,059.82	3,182.95
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*18,454.63*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*23,988.92*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*24,606.17*	
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*8,502.70*	
		For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*16,756.59*	
26 32 13 19-0013	EA	150 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGLB)	70,174.81	3,508.17
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*18,454.63*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*23,988.92*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*24,606.17*	
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*8,502.70*	
		For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*16,756.59*	
26 32 13 19-0014	EA	175 KW Natural Gas Generator Set, 3 Phase (Cummins GFBA)	113,370.83	9,331.47
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*50,228.52*	
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*45,374.87*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*74,447.71*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*49,611.87*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*66,971.36*	
26 32 13 19-0015	EA	205 KW Natural Gas Generator Set, 3 Phase (Cummins GFBB)	128,685.30	4,213.96
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*50,228.52*	
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*45,374.87*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*74,447.71*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*49,611.87*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*66,971.36*	
26 32 13 19-0016	EA	250 KW Natural Gas Generator Set, 3 Phase (Cummins GFBC)	138,396.91	4,719.09
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*50,228.52*	
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*45,374.87*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*74,447.71*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*49,611.87*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*66,971.36*	
26 32 13 19-0017	EA	300 KW Natural Gas Generator Set, 3 Phase (Cummins GFEA)	178,911.97	5,196.53
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*50,228.52*	
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*45,374.87*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*74,447.71*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*49,611.87*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*66,971.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 13 19-0018	EA	350 KW Natural Gas Generator Set, 3 Phase (Cummins GFEB)	192,061.67	5,812.36
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*50,228.52*	
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*45,374.87*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*74,447.71*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*49,611.87*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*66,971.36*	
26 32 13 19-0019	EA	450 KW Natural Gas Generator Set, 3 Phase (Cummins GFGA)	269,727.84	6,857.20
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*105,269.42*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*140,359.22*	
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*99,077.80*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*112,535.23*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*159,051.30*	
26 32 13 19-0020	EA	500 KW Natural Gas Generator Set, 3 Phase (Cummins GFJB)	344,845.69	7,306.97
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*105,269.42*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*140,359.22*	
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*99,077.80*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*112,535.23*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*159,051.30*	
26 32 13 19-0021	EA	550 KW Natural Gas Generator Set, 3 Phase (Cummins GFJC)	385,834.71	7,701.37
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*105,269.42*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*140,359.22*	
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*99,077.80*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*112,535.23*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*159,051.30*	
26 32 13 19-0022	EA	600 KW Natural Gas Generator Set, 3 Phase (Cummins GFLA)	439,421.05	8,047.35
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*105,269.42*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*140,359.22*	
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*99,077.80*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*112,535.23*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*159,051.30*	
26 32 13 19-0023	EA	650 KW Natural Gas Generator Set, 3 Phase (Cummins GFLB)	459,455.90	8,351.80
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*105,269.42*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*140,359.22*	
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*99,077.80*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*112,535.23*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*159,051.30*	
26 32 13 19-0024	EA	725 KW Natural Gas Generator Set, 3 Phase (Cummins GFLC)	485,981.79	8,926.12
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*105,269.42*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*140,359.22*	
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*99,077.80*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*112,535.23*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*159,051.30*	

26 32 13 19-0025 Natural Gas Or Propane Generator Sets (Generac QTA) *(26 32 13 19)*

Note: 3 Phase, 4-Wire 480/277 or 208/120 Volt complete with radiator, fuel pump, battery charger, silencer, exhaust flex, indicating and operating controls, electronic governor. Pricing based on installation above grade on concrete pad. Includes startup and training. Excludes fuel, utility piping, wiring, automatic transfer switch, loadbank testing and concrete pad. See CSI section 01 22 23 00-0689 for loadbank rental, 01 22 23 00-0710 for fuel reimbursement, 26 36 23 00-0000 for automatic transfer switches.

26 32 13 19-0026	EA	25 KW, Commercial, Natural Gas Generator Set (Generac QTA)	17,589.33	1,107.12
		For Steel Weather Protective Housing, Add	*1,188.67*	
		For Aluminum Weather Protective Housing, Add	*1,845.93*	
26 32 13 19-0027	EA	55 KW, Commercial, Natural Gas Generator Set (Generac QTA)	26,152.20	1,847.50
		For Steel Weather Protective Housing, Add	*1,685.74*	
		For Aluminum Weather Protective Housing, Add	*2,169.16*	
26 32 13 19-0028	EA	70 KW, Commercial, Natural Gas Generator Set (Generac QTA)	29,377.87	2,207.31
		For Steel Weather Protective Housing, Add	*2,180.28*	
		For Aluminum Weather Protective Housing, Add	*2,167.25*	
26 32 13 19-0029	EA	80 KW, Commercial, Natural Gas Generator Set (Generac QTA)	30,928.59	2,311.11
		For Steel Weather Protective Housing, Add	*1,685.74*	
		For Aluminum Weather Protective Housing, Add	*2,538.15*	
26 32 13 19-0030	EA	100 KW, Commercial, Natural Gas Generator Set (Generac QTA)	37,769.81	2,657.07
		For Steel Weather Protective Housing, Add	*2,180.28*	
		For Aluminum Weather Protective Housing, Add	*2,336.01*	
26 32 13 19-0031	EA	130 KW, Commercial, Natural Gas Generator Set (Generac QTA)	43,669.96	3,169.12
		For Steel Weather Protective Housing, Add	*2,180.28*	
		For Aluminum Weather Protective Housing, Add	*1,923.16*	
26 32 13 19-0032	EA	150 KW, Commercial, Natural Gas Generator Set (Generac QTA)	49,297.56	3,508.17
		For Steel Weather Protective Housing, Add	*2,180.28*	
		For Aluminum Weather Protective Housing, Add	*1,872.62*	

26 32 13 19-0033 Natural Gas Or Propane Generator Sets (Generac SG) *(26 32 13 19)*

Note: 3 Phase, 4-Wire 480/277 or 208/120 Volt complete with radiator, fuel pump, battery charger, silencer, exhaust flex, indicating and operating controls, electronic governor. Pricing based on installation above grade on concrete pad. Includes startup and training. Excludes fuel, utility piping, wiring, automatic transfer switch, loadbank testing and concrete pad. See CSI section 01 22 23 00-0689 for loadbank rental, 01 22 23 00-0710 for fuel reimbursement, 26 36 23 00-0000 for automatic transfer switches.

26 32 13 19-0034	EA	35 KW, Industrial, Natural Gas Or Propane Generator Set (Generac SG)	20,725.02	1,363.13
		For Steel Weather Protective Housing, Add	*3,623.20*	
		For Level 2 Steel Weather/Sound Protective Housing, Add	*6,488.40*	
26 32 13 19-0035	EA	40 KW, Industrial, Natural Gas Or Propane Generator Set (Generac SG)	23,265.82	1,494.61
		For Steel Weather Protective Housing, Add	*3,623.20*	
		For Level 2 Steel Weather/Sound Protective Housing, Add	*6,488.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 13 19-0036	EA	45 KW, Industrial, Natural Gas Or Propane Generator Set (Generac SG)	24,229.53	1,612.24
		For Steel Weather Protective Housing, Add	*3,623.20*	
		For Level 2 Steel Weather/Sound Protective Housing, Add	*6,488.40*	
26 32 13 19-0037	EA	70 KW, Industrial, Natural Gas Generator Set (Generac SG)	32,257.04	2,207.31
		For Steel Weather Protective Housing, Add	*2,180.28*	
		For Level 2 Steel Weather/Sound Protective Housing, Add	*9,060.87*	
26 32 13 19-0038	EA	100 KW, Industrial, Natural Gas Generator Set (Generac SG)	38,489.37	2,657.07
		For Steel Weather Protective Housing, Add	*2,180.28*	
		For Level 2 Steel Weather/Sound Protective Housing, Add	*9,060.87*	
26 32 13 19-0039	EA	130 KW, Industrial, Natural Gas Generator Set (Generac SG)	46,487.17	3,169.12
		For Steel Weather Protective Housing, Add	*2,180.28*	
		For Level 2 Steel Weather/Sound Protective Housing, Add	*9,060.87*	
26 32 13 19-0040	EA	150 KW, Industrial, Natural Gas Generator Set (Generac SG)	77,088.18	3,508.17
		For Steel Weather Protective Housing, Add	*9,534.75*	
		For Level 2 Steel Weather/Sound Protective Housing, Add	*17,381.85*	
26 32 13 19-0041	EA	175 KW, Industrial, Natural Gas Generator Set (Generac SG)	85,702.20	3,916.42
		For Steel Weather Protective Housing, Add	*9,534.75*	
		For Level 2 Steel Weather/Sound Protective Housing, Add	*17,381.85*	
26 32 13 19-0042	EA	200 KW, Industrial, Natural Gas Generator Set (Generac SG)	90,770.65	4,290.07
		For Steel Weather Protective Housing, Add	*9,534.75*	
		For Level 2 Steel Weather/Sound Protective Housing, Add	*17,381.85*	
26 32 13 19-0043	EA	250 KW, Industrial, Natural Gas Generator Set (Generac SG)	130,542.83	4,719.09
		For Steel Weather Protective Housing, Add	*9,534.75*	
		For Level 2 Steel Weather/Sound Protective Housing, Add	*17,381.85*	
26 32 13 19-0044	EA	275 KW, Industrial, Natural Gas Generator Set (Generac SG)	133,165.88	4,975.10
		For Steel Weather Protective Housing, Add	*9,534.75*	
		For Level 2 Steel Weather/Sound Protective Housing, Add	*17,381.85*	
26 32 13 19-0045	EA	300 KW, Industrial, Natural Gas Generator Set (Generac SG)	135,840.80	5,196.53
		For Steel Weather Protective Housing, Add	*9,534.75*	
		For Level 2 Steel Weather/Sound Protective Housing, Add	*17,381.85*	

26 32 13 19-0046 Natural Gas Or Propane Generator Sets (Taylor) *(26 32 13 19)*

Note: 3 Phase, 4-Wire 480/277 or 208/120 Volt complete with radiator, fuel pump, battery charger, silencer, exhaust flex, indicating and operating controls, electronic governor. Pricing based on installation above grade on concrete pad without enclosure. Includes manufacturer's representative at startup. Excludes fuel tank, enclosure, utility piping, wiring, automatic transfer switch, loadbank testing and concrete pad. See CSI section 01 22 23 00-0689 for loadbank rental, 26 36 23 00-0000 for automatic transfer switches.

26 32 13 19-0047	EA	30 KW Natural Gas Or Propane Generator Set, 3 Phase (Taylor TG30)	27,456.86	1,235.13
26 32 13 19-0048	EA	40 KW Natural Gas Or Propane Generator Set, 3 Phase (Taylor TG40)	29,922.92	1,480.76
26 32 13 19-0049	EA	60 KW Natural Gas Or Propane Generator Set, 3 Phase (Taylor TG60)	31,215.37	1,972.05
26 32 13 19-0050	EA	80 KW Natural Gas Or Propane Generator Set, 3 Phase (Taylor TG80)	46,233.32	2,311.11
26 32 13 19-0051	EA	100 KW Natural Gas Or Propane Generator Set, 3 Phase (Taylor TG100)	50,250.93	2,684.75
26 32 13 19-0052	EA	125 KW Natural Gas Or Propane Generator Set, 3 Phase (Taylor TG125)	65,926.44	3,182.95
26 32 13 19-0053	EA	150 KW Natural Gas Or Propane Generator Set, 3 Phase (Taylor TG150)	69,078.38	3,508.17
26 32 13 19-0054	EA	200 KW Natural Gas Or Propane Generator Set, 3 Phase (Taylor TG200)	114,530.40	4,290.07
26 32 13 19-0055	EA	250 KW Natural Gas Or Propane Generator Set, 3 Phase (Taylor TG250)	160,346.75	4,719.09
26 32 13 19-0056	EA	350 KW Natural Gas Or Propane Generator Set, 3 Phase (Taylor TG350)	195,541.84	5,812.36
26 32 13 19-0057	EA	400 KW Natural Gas Or Propane Generator Set, 3 Phase (Taylor TG400)	233,202.36	6,365.92

26 32 13 19-0058 Natural Gas Or Propane Generator Sets (Kohler KG) *(26 32 13 19)*

Note: 3 Phase, 4-Wire 480/277 or 208/120 Volt complete with radiator, fuel pump, battery charger, silencer, exhaust flex, indicating and operating controls, electronic governor. Pricing based on installation above grade on concrete pad. Includes startup and training. Excludes fuel, utility piping, wiring, automatic transfer switch, loadbank testing and concrete pad. See CSI section 01 22 23 00-0689 for loadbank rental, 01 22 23 00-0710 for fuel reimbursement, 26 36 23 00-0000 for automatic transfer switches.

26 32 13 19-0059	EA	40 KW Natural Gas Or Propane Generator Set, 3 Phase (Kohler KG40)	23,621.20	1,494.61
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*12,070.42*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*16,093.89*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*23,988.92*	
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*4,665.25*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*14,292.39*	
26 32 13 19-0060	EA	45 KW Natural Gas Or Propane Generator Set, 3 Phase (Kohler KG45)	24,953.30	1,612.24
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*12,070.42*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*16,093.89*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*23,988.92*	
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*4,665.25*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*14,292.39*	
26 32 13 19-0061	EA	50 KW Natural Gas Or Propane Generator Set, 3 Phase (Kohler KG50)	26,883.65	1,729.87
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*12,070.42*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*16,093.89*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*23,988.92*	
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*4,665.25*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*14,292.39*	
26 32 13 19-0062	EA	60 KW Natural Gas Or Propane Generator Set, 3 Phase (Kohler KG60)	28,265.42	1,972.05
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*12,070.42*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*16,093.89*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*23,988.92*	
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*4,665.25*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*14,292.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 13 19-0063	EA	80 KW Natural Gas Or Propane Generator Set, 3 Phase (Kohler KG80)	33,996.09	2,359.54
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*18,454.63*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*23,988.92*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*24,606.17*	
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*8,502.70*	
		For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*16,756.59*	
26 32 13 19-0064	EA	100 KW Natural Gas Or Propane Generator Set, 3 Phase (Kohler KG100)	38,330.35	2,657.07
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*18,454.63*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*23,988.92*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*24,606.17*	
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*8,502.70*	
		For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*16,756.59*	
26 32 13 19-0065	EA	125 KW Natural Gas Or Propane Generator Set, 3 Phase (Kohler KG125)	43,505.59	3,182.95
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*18,454.63*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*23,988.92*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*24,606.17*	
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*8,502.70*	
		For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*16,756.59*	
26 32 13 19-0066	EA	150 KW Natural Gas Or Propane Generator Set, 3 Phase (Kohler KG150)	52,170.86	3,508.17
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*18,454.63*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*23,988.92*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*24,606.17*	
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*8,502.70*	
		For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*16,756.59*	
26 32 13 19-0067	EA	180 KW Natural Gas Generator Set, 3 Phase (Kohler KG180)	76,260.10	9,331.47
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*50,228.52*	
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*45,374.87*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*74,447.71*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*49,611.87*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*66,971.36*	
26 32 13 19-0068	EA	200 KW Natural Gas Generator Set, 3 Phase (Kohler KG200)	86,818.39	4,213.96
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*50,228.52*	
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*45,374.87*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*74,447.71*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*49,611.87*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*66,971.36*	

26 32 13 19-0069 Small Natural Gas Or Propane Air-Cooled Generator Sets *(26 32 13 19)*

26 32 13 19-0070	EA	7.5 KW Natural Gas Or Propane Air-Cooled Generator Set Note: Includes weatherproof composite enclosure and 100 A automatic transfer switch.	5,236.67	592.22
26 32 13 19-0071	EA	10 KW Natural Gas Or Propane Air-Cooled Generator Set Note: Includes weatherproof composite enclosure and 200 A automatic transfer switch.	6,603.84	658.03
26 32 13 19-0072	EA	14 KW Natural Gas Or Propane Air-Cooled Generator Set Note: Includes weatherproof composite enclosure and 200 A automatic transfer switch.	7,616.74	723.83

26 32 29 Rotary Converters *(26 32)*

26 32 29 00-0001 60 Hz AC Input 230 Or 460 Volt, 125 Volt DC Output *(26 32 29)*

26 32 29 00-0002	EA	3 KW, 24 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	10,134.26	256.60
26 32 29 00-0003	EA	5 KW, 40 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	12,347.35	256.60
26 32 29 00-0004	EA	7.5 KW, 60 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	16,361.50	256.60
26 32 29 00-0005	EA	10 KW, 80 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	16,490.32	256.60
26 32 29 00-0006	EA	15 KW, 120 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	18,303.15	320.74
26 32 29 00-0007	EA	20 KW, 160 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	19,823.75	320.74
26 32 29 00-0008	EA	25 KW, 200 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	20,758.83	320.74
26 32 29 00-0009	EA	40 KW, 320 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	25,276.66	423.37
26 32 29 00-0010	EA	50 KW, 400 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	28,095.71	423.37

26 32 29 00-0011 60 Hz AC Input, 230 Or 460 Volt, 250 Volts DC Output *(26 32 29)*

26 32 29 00-0012	EA	3 KW, 12 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	11,736.42	256.60
26 32 29 00-0013	EA	5 KW, 20 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	13,998.06	256.60
26 32 29 00-0014	EA	7.5 KW, 30 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	16,012.90	256.60
26 32 29 00-0015	EA	10 KW, 40 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	16,457.63	256.60
26 32 29 00-0016	EA	15 KW, 60 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	18,639.61	320.74
26 32 29 00-0017	EA	20 KW, 80 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	20,501.03	320.74
26 32 29 00-0018	EA	25 KW, 100 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	21,178.31	320.74
26 32 29 00-0019	EA	40 KW, 160 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	25,176.16	423.37
26 32 29 00-0020	EA	50 KW, 200 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	26,709.87	423.37

26 32 29 00-0021 460 Volt 3 Phase AC Motor Drive 250 Volt DC *(26 32 29)*

26 32 29 00-0022	EA	33 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion	29,171.79	4,843.63
26 32 29 00-0023	EA	40 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion	32,310.28	4,843.63
26 32 29 00-0024	EA	50 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion	36,727.57	6,919.47
26 32 29 00-0025	EA	65 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion	42,902.75	6,919.47
26 32 29 00-0026	EA	85 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion	48,732.42	6,919.47
26 32 29 00-0027	EA	100 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion	57,151.49	10,379.21
26 32 29 00-0028	EA	125 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion	69,194.55	10,379.21

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

26 33 Battery Equipment *(26 30)*

26 33 13 Batteries *(26 33)*

26 33 13 00-0001 Standby Batteries *(26 33 13)*

26 33 13 00-0002	EA	12 Volt, 100 Ampere Hours To 10.5 Volt Capacity, 6-Cell, Valve Regulated Lead-Calcium, Standby Battery	1,241.35	32.13
26 33 13 00-0003	EA	12 Volt, 100 Ampere Hours To 10.5 Volt Capacity, 6-Cell, Valve Regulated Lead-Calcium, Standby Battery With Steel Jacket	1,341.10	32.13
26 33 13 00-0004	EA	725CCA, Group 31, 12 Volt Lead Calcium Standby Battery	371.37	32.13
26 33 13 00-0005	EA	810CCA, Group 24, 12 Volt Lead Calcium Standby Battery	337.59	32.13
26 33 13 00-0006	EA	1080CCA, Group 4D, 12 Volt Lead Calcium Standby Battery	578.45	32.13
26 33 13 00-0007	EA	1400CCA, Group 8D, 12 Volt Lead Calcium Standby Battery	671.78	32.13

26 33 43 Battery Chargers *(26 33)*

26 33 43 00-0001 Solid State Chargers, Single Phase *(26 33 43)*

Note: Includes wall bracket, 10' of DC charging cable and standard connector, 208/240/480 V.

26 33 43 00-0002	EA	Solid State Battery Charger, 6 Cell Single Phase With Wall Bracket, 208/240/480 Volt	3,525.09	732.61
26 33 43 00-0003	EA	Solid State Battery Charger, 9 Cell Single Phase With Wall Bracket, 208/240/480 Volt	4,117.43	732.61
26 33 43 00-0004	EA	Solid State Battery Charger, 12 Cell Single Phase With Wall Bracket, 208/240/480 Volt	4,533.04	732.61
26 33 43 00-0005	EA	Solid State Battery Charger, 18 Cell Single Phase With Wall Bracket, 208/240/480 Volt	4,795.02	867.40

26 33 53 Static Uninterruptible Power Supply *(26 33)*

26 33 53 00-0001 Single Phase, Uninterruptible Power Supply Systems (UPS) *(26 33 53)*

26 33 53 00-0002 Single Phase, Uninterruptible Power Supply Systems (UPS) *(26 33 53 00-0001)*

26 33 53 00-0003 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) *(26 33 53 00-0002)*

Note: Rack mount or tower configuration. Includes 40 or 70 Hertz automatic frequency detection, internal automatic and manual bypass switch and self diagnostics.

26 33 53 00-0004	EA	0.5 kVA, 450 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-500RT120) Note: Includes 12 minutes of battery backup at full load.	1,121.47	127.02
26 33 53 00-0005	EA	0.7 kVA, 630 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-700RT120) Note: Includes 6 minutes of battery backup at full load.	1,338.28	148.18
26 33 53 00-0006	EA	1 kVA, 900 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-1000RT120) Note: Includes 5 minutes of battery backup at full load.	1,644.54	169.35
26 33 53 00-0007	EA	1.5 KVA, 1,350 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-1500RT120) Note: Includes 5 minutes of battery backup at full load.	2,002.81	190.52
26 33 53 00-0008	EA	2 KVA, 1,800 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-2000RT120) Note: Includes 4 minutes of battery backup at full load.	2,557.66	211.69
26 33 53 00-0009	EA	3 KVA, 2,700 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-3000RT120) Note: Includes 4 minutes of battery backup at full load.	4,086.56	254.03

26 33 53 00-0010 208 Volt AC Output, 208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) *(26 33 53 00-0002)*

Note: Rack mount or tower configuration. Includes 40 or 70 Hertz automatic frequency detection, internal automatic and manual bypass switch and self diagnostics.

26 33 53 00-0011	EA	3 KVA, 2,700 Watt, 208 Volt AC Output, 208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-3000RT208) Note: Includes 4 minutes of battery backup at full load.	4,013.08	254.03

26 33 53 00-0012 120/208 Volt AC Output, 120/208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) *(26 33 53 00-0002)*

Note: Rack mount or tower configuration. Includes 50 or 60 Hertz automatic frequency detection, internal automatic and manual bypass switch and self diagnostics.

26 33 53 00-0013	EA	5 KVA, 4,000 Watt, 120/208 Volt AC Output, 120/208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-5000RT208) Note: Includes 5 minutes of battery backup at full load.	6,170.57	338.70
26 33 53 00-0014	EA	6 KVA, 4,800 Watt, 120/208 Volt AC Output, 120/208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-6000RT208) Note: Includes 4 minutes of battery backup at full load.	6,752.00	381.04
26 33 53 00-0015	EA	8 KVA, 7,200 Watt, 120/208 Volt AC Output, 120/208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-8000RT208) Note: Includes 7 minutes of battery backup at full load.	10,057.06	465.71
26 33 53 00-0016	EA	10 KVA, 9,000 Watt, 120/208 Volt AC Output, 120/208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-10000RT208) Note: Includes 4-1/2 minutes of battery backup at full load.	11,550.43	508.05

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 33 53 00-0017		230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) *(26 33 53 00-0002)*		
		Note: Rack mount or tower configuration. Includes 40 or 70 Hertz automatic frequency detection, internal automatic and manual bypass switch and self diagnostics.		
26 33 53 00-0018	EA	0.7 KVA, 630 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-700RT230)	1,338.28	148.18
		Note: Includes 11 minutes of battery backup at full load.		
26 33 53 00-0019	EA	1 KVA, 900 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-1000RT230)	1,644.54	169.35
		Note: Includes 6 minutes of battery backup at full load.		
26 33 53 00-0020	EA	1.5 KVA, 1,350 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-1500RT230)	2,024.52	190.52
		Note: Includes 4 minutes of battery backup at full load.		
26 33 53 00-0021	EA	2 KVA, 1,800 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-2000RT230)	2,562.89	211.69
		Note: Includes 4 minutes of battery backup at full load.		
26 33 53 00-0022	EA	3 KVA, 2,700 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-3000RT230)	4,102.87	254.03
		Note: Includes 4 minutes of battery backup at full load.		
26 33 53 00-0023	EA	5 KVA, 4,000 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-5000RT230)	5,925.19	338.70
		Note: Includes 9 minutes of battery backup at full load.		
26 33 53 00-0024	EA	6 KVA, 4,800 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-6000RT230)	7,262.17	381.04
		Note: Includes 6 minutes of battery backup at full load.		
26 33 53 00-0025	EA	10 KVA, 9,000 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-10000RT230)	11,199.65	508.05
		Note: Includes 3 minutes of battery backup at full load.		
26 33 53 00-0026		Optional Accessories For Single Phase, Uninterruptible Power Supply Systems *(26 33 53 00-0001)*		
26 33 53 00-0027	EA	External Battery Cabinet For 0.5 To 2 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-48VBATT)	721.73	38.49
		Note: Rack mount or tower configuration.		
26 33 53 00-0028	EA	External Battery Cabinet For 3 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-72VBATT)	942.46	38.49
		Note: Rack mount or tower configuration.		
26 33 53 00-0029	EA	External Battery Cabinet For 5 To 6 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-144VBATT)	917.89	38.49
		Note: Rack mount or tower configuration.		
26 33 53 00-0030	EA	External Battery Cabinet For 8 To 10 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-288RTVBATT)	626.65	38.49
		Note: Rack mount or tower configuration.		
26 33 53 00-0031	EA	Internal Replacement Battery For 5 To 6 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-144VBATKIT)	960.02	127.02
26 33 53 00-0032	EA	Internal Replacement Battery For 8 To 10 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-288RTBKIT)	1,088.32	169.35
26 33 53 00-0033		Three Phase, Uninterruptible Power Supply Systems (UPS) *(26 33 53)*		
26 33 53 00-0034		208 Volt AC Output, 120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply (UPS) With Internal Battery *(26 33 53 00-0033)*		
		Note: Includes start-up, 60 Hz frequency, bypass switch and diagnostics.		
26 33 53 00-0035	EA	10 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System With Internal Battery (Emerson eXM UPS)	43,123.78	508.05
26 33 53 00-0036	EA	15 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System With Internal Battery (Emerson eXM UPS)	47,755.21	677.40
26 33 53 00-0037	EA	20 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System With Internal Battery (Emerson eXM UPS)	53,391.09	846.75
26 33 53 00-0038	EA	30 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System With Internal Battery (Emerson eXM UPS)	57,922.07	1,016.10
26 33 53 00-0039	EA	40 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System With Internal Battery (Emerson eXM UPS)	69,685.09	1,185.46
26 33 53 00-0040		208 Volt AC Output, 120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply (UPS) Without Internal Battery *(26 33 53 00-0033)*		
		Note: Excludes Internal Battery See CSI section 26 33 53 00-0055 for batteries.		
26 33 53 00-0041	EA	60 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	94,566.69	2,020.66
26 33 53 00-0042	EA	80 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	102,887.53	2,501.76
26 33 53 00-0043	EA	100 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	113,813.21	2,918.73
26 33 53 00-0044	EA	120 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	140,469.95	3,303.62
26 33 53 00-0045	EA	140 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	145,871.15	3,688.50
26 33 53 00-0046	EA	160 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	151,624.35	4,073.39

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 33 53 00-0047	EA	180 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	158,582.91	4,458.28
26 33 53 00-0048	EA	200 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	165,541.47	4,843.16
26 33 53 00-0049		480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply (UPS) Without Internal Battery *(26 33 53 00-0033)*		
		Note: Excludes Internal Battery See CSI section 26 33 53 00-0055 for batteries.		
26 33 53 00-0050	EA	50 kVA, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	88,268.22	1,667.84
26 33 53 00-0051	EA	100 kVA, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	114,415.88	2,931.56
26 33 53 00-0052	EA	150 kVA, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	156,310.68	3,387.00
26 33 53 00-0053	EA	200 kVA, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	184,072.31	3,720.58
26 33 53 00-0054	EA	250 kVA, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	215,249.07	4,105.46
26 33 53 00-0055		Optional Accessories For Three Phase, Uninterruptible Power Supply Systems *(26 33 53 00-0033)*		
26 33 53 00-0056	EA	Programmable Relay Board For Three Phase Uninterruptible Power Supply Systems	651.07	64.14
26 33 53 00-0057	EA	Network Interface Card For Three Phase Uninterruptible Power Supply Systems	1,038.33	64.14
26 33 53 00-0058	EA	Remote Status Panel With 100' Of Cable For Three Phase Uninterruptible Power Supply Systems	2,025.91	128.30
26 33 53 00-0059	EA	Slim Line Distribution Panel With Two 42 Pole Panels For Three Phase Uninterruptible Power Supply Systems	6,360.76	513.18
26 33 53 00-0060	EA	12 Volt, 491 Watt, 3 Phase, 134 Ampere Hours, Battery For Uninterruptible Power Supply Systems (C&D UPS12-490MR)	656.13	64.14
26 33 53 00-0061	EA	12 Volt, 204 Watt, 3 Phase, 55 Ampere Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX200)	358.11	64.14
26 33 53 00-0062	EA	12 Volt, 257 Watt, 3 Phase, 65 Ampere Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX250)	401.60	64.14
26 33 53 00-0063	EA	12 Volt, 311 Watt, 3 Phase, 75 Ampere Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX300)	445.09	64.14
26 33 53 00-0064	EA	12 Volt, 374 Watt, 3 Phase, 90 Ampere Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX350)	523.36	64.14
26 33 53 00-0065	EA	12 Volt, 415 Watt, 3 Phase, 100 Ampere Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX400)	549.46	64.14
26 33 53 00-0066	EA	12 Volt, 493 Watt, 3 Phase, 135 Ampere Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX500)	684.27	64.14
26 33 53 00-0067	EA	12 Volt, 540 Watt, 3 Phase, 150 Ampere Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX540)	716.89	64.14
26 33 53 00-0068		Other Uninterruptable Power Supply Equipment *(26 33 53)*		
26 33 53 00-0069	EA	Uninterrupted Power Supply Slim-Line Distribution Panel 42 Pole GE Plug-In	6,426.34	117.22
26 33 53 00-0070	EA	Uninterrupted Power Supply Slim-Line Distribution Panel 84 Pole GE Plug-In	7,728.34	234.43
26 33 53 00-0071	EA	1 Pole, 15 To 60 Amperes, GE Plug-In Breakers For UPS Distribution Panel	33.28	7.04
26 33 53 00-0072	EA	2 Pole, 15 To 40 Amperes, GE Plug-In Breakers For UPS Distribution Panel	60.28	8.79
26 33 53 00-0073	EA	2 Pole, 50 To 80 Amperes, GE Plug-In Breakers For UPS Distribution Panel	113.66	8.79
26 33 53 00-0074	EA	3 Pole, 15 To 60 Amperes, GE Plug-In Breakers For UPS Distribution Panel	166.50	11.72
26 33 53 00-0075	EA	3 Pole, 70 To 100 Amperes, GE Plug-In Breakers For UPS Distribution Panel	236.96	11.72
26 33 53 00-0076	EA	Uninterrupted Power Supply Remote Status Panel	4,397.95	117.22
26 33 53 00-0077	EA	Uninterrupted Power Supply Remote Contact Board	1,456.88	87.91
26 33 53 00-0078		Battery Backup Uninterruptible Power Supply (UPS) *(26 33 53)*		
26 33 53 00-0079	EA	1000 VA, 600 Watt, 120 Volt, Battery Backup Uninterruptible Power Supply (UPS) (APC SMC1000)	709.68	
		Note: With 8 battery backup and surge protector outlets		
26 33 53 00-0080	EA	1500 VA, 900 Watt, 120 Volt, Battery Backup Uninterruptible Power Supply (UPS) (APC SMC1500)	877.02	
		Note: With 8 battery backup and surge protector outlets		

26 35 Power Filters and Conditioners *(26 30)*

26 35 33 Power Factor Correction Equipment *(26 35)*

26 35 33 16 Low-Voltage Power Factor Correction Equipment *(26 35 33)*

26 35 33 16-0001		Power Factor Correction Capacitors *(26 35 33 16)*		
26 35 33 16-0002	EA	Power Factor Correction Capacitors, 2.0 KVAC	889.52	
26 35 33 16-0003	EA	Power Factor Correction Capacitors, 3.0 KVAC	985.17	
26 35 33 16-0004	EA	Power Factor Correction Capacitors, 4.0 KVAC	1,080.81	
26 35 33 16-0005	EA	Power Factor Correction Capacitors, 5.0 KVAC	1,172.64	
26 35 33 16-0006	EA	Power Factor Correction Capacitors, 7.5 KVAC	1,440.45	
26 35 33 16-0007	EA	Power Factor Correction Capacitors, 10.0 KVAC	1,759.91	
26 35 33 16-0008	EA	Power Factor Correction Capacitors, 15.0 KVAC	2,718.30	
26 35 33 16-0009	EA	Power Factor Correction Capacitors, 20.0 KVAC	3,301.74	
26 35 33 16-0010	EA	Power Factor Correction Capacitors, 25.0 KVAC	4,265.87	
26 35 33 16-0011	EA	Power Factor Correction Capacitors, 30.0 KVAC	4,851.23	
26 35 33 16-0012	EA	Power Factor Correction Capacitors, 50.0 KVAC	8,512.61	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 35 33 16-0013	EA	Power Factor Correction Capacitors, 75.0 KVAC	12,799.52	
26 35 33 16-0014	EA	Power Factor Correction Capacitors, 100.0 KVAC	17,067.31	
26 35 33 16-0015	EA	Power Factor Correction Capacitors, Fuse Kit	791.96	

26 35 43 Static-Frequency Converters *(26 35)*

26 35 43 00-0001 Rotary Phase Converter With NEMA 1 Indoor Enclosure *(26 35 43)*

26 35 43 00-0002	EA	750 Watt Output Rotary Phase Converter With NEMA 1 Enclosure	742.67	128.30
26 35 43 00-0003	EA	2 KW Output Rotary Phase Converter With NEMA 1 Enclosure	1,293.01	153.95
26 35 43 00-0004	EA	3 KW Output Rotary Phase Converter With NEMA 1 Enclosure	1,482.52	205.27
26 35 43 00-0005	EA	5 KW Output Rotary Phase Converter With NEMA 1 Enclosure	2,035.49	256.60
26 35 43 00-0006	EA	7 KW Output Rotary Phase Converter With NEMA 1 Enclosure	2,803.48	333.57
26 35 43 00-0007	EA	11 KW Output Rotary Phase Converter With NEMA 1 Enclosure	3,622.65	410.55
26 35 43 00-0008	EA	15 KW Output Rotary Phase Converter With NEMA 1 Enclosure	4,544.16	487.53
26 35 43 00-0009	EA	21 KW Output Rotary Phase Converter With NEMA 1 Enclosure	5,542.34	551.67
26 35 43 00-0010	EA	29 KW Output Rotary Phase Converter With NEMA 1 Enclosure	6,438.49	667.13
26 35 43 00-0011	EA	36 KW Output Rotary Phase Converter With NEMA 1 Enclosure	7,372.82	750.53
26 35 43 00-0012	EA	44 KW Output Rotary Phase Converter With NEMA 1 Enclosure	8,307.15	833.92
26 35 43 00-0013	EA	55 KW Output Rotary Phase Converter With NEMA 1 Enclosure	10,316.57	1,007.12
26 35 43 00-0014	EA	74 KW Output Rotary Phase Converter With NEMA 1 Enclosure	13,413.55	1,212.39
26 35 43 00-0015	EA	87 KW Output Rotary Phase Converter With NEMA 1 Enclosure	17,009.75	1,475.40
26 35 43 00-0016	EA	110 KW Output Rotary Phase Converter With NEMA 1 Enclosure	19,454.57	1,725.57
26 35 43 00-0017	EA	125 KW Output Rotary Phase Converter With NEMA 1 Enclosure	25,071.65	1,924.44
26 35 43 00-0018	EA	165 KW Output Rotary Phase Converter With NEMA 1 Enclosure	38,377.34	2,181.02
26 35 43 00-0019	EA	220 KW Output Rotary Phase Converter With NEMA 1 Enclosure	57,311.73	2,437.62

26 35 53 Voltage Regulators *(26 35)*

26 35 53 00-0001 Voltage Regulators, 480/277 Or 208/120 Volt, 3 Phase *(26 35 53)*

Note: For diesel motor generator sets mounted in switchgear cabinet.

26 35 53 00-0002	EA	50 KVA Volt Regulator For Diesel M-G 480/277 Or 208/120 Volt, 3 Phase In Switchgear	7,559.70	2,039.90
26 35 53 00-0003	EA	75 KVA Volt Regulator For Diesel M-G 480/277 Or 208/120 Volt, 3 Phase In Switchgear	8,621.23	2,565.92
26 35 53 00-0004	EA	100 KVA Volt Regulator For Diesel M-G 480/277 Or 208/120 Volt, 3 Phase In Switchgear	9,598.72	3,053.44

26 36 Transfer Switches *(26 30)*

26 36 13 Manual Transfer Switches *(26 36)*

26 36 13 00-0001 Fused Manual Transfer Switches *(26 36 13)*

26 36 13 00-0002	EA	30 Amperes, Manual Transfer Switch, Fused, 3 Pole, 480 Volt	1,449.48	224.52
26 36 13 00-0003	EA	60 Amperes, Manual Transfer Switch, Fused, 3 Pole, 480 Volt	1,688.53	278.91

26 36 13 00-0004 Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure *(26 36 13)*

26 36 13 00-0005	EA	40 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT40)	3,691.79	329.01
		For NEMA 12 Enclosure, Add	*1,123.62*	
		For NEMA 3R Enclosure, Add	*1,193.86*	
26 36 13 00-0006	EA	70 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT70)	4,086.07	394.82
		For NEMA 12 Enclosure, Add	*1,123.62*	
		For NEMA 3R Enclosure, Add	*1,193.86*	
26 36 13 00-0007	EA	125 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT125)	4,636.17	460.62
		For NEMA 12 Enclosure, Add	*1,123.62*	
		For NEMA 3R Enclosure, Add	*1,193.86*	
26 36 13 00-0008	EA	150 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT150)	5,762.76	526.42
		For NEMA 12 Enclosure, Add	*1,123.62*	
		For NEMA 3R Enclosure, Add	*1,404.54*	
26 36 13 00-0009	EA	225 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT225)	7,141.21	592.22
		For NEMA 12 Enclosure, Add	*1,123.62*	
		For NEMA 3R Enclosure, Add	*1,404.54*	
26 36 13 00-0010	EA	260 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT260)	8,029.97	658.03
		For NEMA 12 Enclosure, Add	*1,123.62*	
		For NEMA 3R Enclosure, Add	*1,404.54*	
26 36 13 00-0011	EA	300 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT300)	8,932.89	723.83
		For NEMA 12 Enclosure, Add	*1,404.54*	
		For NEMA 3R Enclosure, Add	*1,657.35*	
26 36 13 00-0012	EA	400 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT400)	10,496.39	789.63
		For NEMA 12 Enclosure, Add	*1,404.54*	
		For NEMA 3R Enclosure, Add	*1,657.35*	
26 36 13 00-0013	EA	600 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT600)	13,890.19	987.04
		For NEMA 12 Enclosure, Add	*1,404.54*	
		For NEMA 3R Enclosure, Add	*1,657.35*	
26 36 13 00-0014	EA	800 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT800)	15,616.46	1,184.45
		For NEMA 12 Enclosure, Add	*1,966.35*	
		For NEMA 3R Enclosure, Add	*2,036.56*	
26 36 13 00-0015	EA	1,000 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT1000)	20,791.18	1,660.68
		For NEMA 12 Enclosure, Add	*1,966.35*	
		For NEMA 3R Enclosure, Add	*2,036.56*	

26 36 23 Automatic Transfer Switches *(26 36)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 36 23 00-0001		Automatic Transfer Switch *(26 36 23)*		
26 36 23 00-0002		Automatic Transfer Switch, 2 Pole Circuit Breaker, NEMA 1 Enclosure *(26 36 23 00-0001)*		
		Note: Programmable, 120/240 volt single phase, 3 wire.		
26 36 23 00-0003	EA	100 Amperes, Automatic Transfer Switch, 120/240 Volt, NEMA 1, 2 Pole Circuit Breaker, Programmable, 3 Wire	3,311.72	460.62
		For Level 2 Controller, Add	*185.26*	
		For Level 3 Controller, Add	*382.48*	
		For Level 4 Controller, Add	*555.79*	
26 36 23 00-0004	EA	225 Amperes, Automatic Transfer Switch, 120/240 Volt, NEMA 1, 2 Pole Circuit Breaker, Programmable, 3 Wire	4,510.35	592.22
		For Level 2 Controller, Add	*257.76*	
		For Level 3 Controller, Add	*532.14*	
		For Level 4 Controller, Add	*773.27*	
26 36 23 00-0005	EA	400 Amperes, Automatic Transfer Switch, 120/240 Volt, NEMA 1, 2 Pole Circuit Breaker, Programmable, 3 Wire	7,191.74	789.63
		For Level 2 Controller, Add	*434.97*	
		For Level 3 Controller, Add	*898.00*	
		For Level 4 Controller, Add	*1,304.90*	
26 36 23 00-0006	EA	600 Amperes, Automatic Transfer Switch, 120/240 Volt, NEMA 1, 2 Pole Circuit Breaker, Programmable, 3 Wire	11,739.81	987.04
		For Level 2 Controller, Add	*756.84*	
		For Level 3 Controller, Add	*1,562.52*	
		For Level 4 Controller, Add	*2,270.53*	
26 36 23 00-0007		Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure *(26 36 23 00-0001)*		
26 36 23 00-0008	EA	40 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC40)	5,528.01	329.01
		For NEMA 4 Enclosure, Add	*1,264.08*	
		For NEMA 12 Enclosure, Add	*1,264.08*	
		For Level 2 Controller, Add	*377.42*	
		For Level 3 Controller, Add	*779.20*	
		For Level 4 Controller, Add	*1,132.27*	
		For NEMA 3R Enclosure, Add	*1,193.86*	
26 36 23 00-0009	EA	70 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC70)	6,379.40	394.82
		For NEMA 4 Enclosure, Add	*1,264.08*	
		For NEMA 12 Enclosure, Add	*1,264.08*	
		For Level 2 Controller, Add	*433.21*	
		For Level 3 Controller, Add	*894.36*	
		For Level 4 Controller, Add	*1,299.62*	
		For NEMA 3R Enclosure, Add	*1,193.86*	
26 36 23 00-0010	EA	100 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC100)	6,693.73	427.72
		For NEMA 4 Enclosure, Add	*1,264.08*	
		For NEMA 12 Enclosure, Add	*1,264.08*	
		For Level 2 Controller, Add	*452.47*	
		For Level 3 Controller, Add	*934.13*	
		For Level 4 Controller, Add	*1,357.40*	
		For NEMA 3R Enclosure, Add	*1,193.86*	
26 36 23 00-0011	EA	125 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC125)	7,008.05	460.62
		For NEMA 4 Enclosure, Add	*1,264.08*	
		For NEMA 12 Enclosure, Add	*1,264.08*	
		For Level 2 Controller, Add	*471.73*	
		For Level 3 Controller, Add	*973.89*	
		For Level 4 Controller, Add	*1,415.18*	
		For NEMA 3R Enclosure, Add	*1,193.86*	
26 36 23 00-0012	EA	150 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC150)	8,341.05	526.42
		For NEMA 12 Enclosure, Add	*1,264.08*	
		For NEMA 4 Enclosure, Add	*1,825.89*	
		For NEMA 3R Enclosure, Add	*1,404.54*	
		For Level 2 Controller, Add	*564.84*	
		For Level 3 Controller, Add	*1,166.11*	
		For Level 4 Controller, Add	*1,694.51*	
26 36 23 00-0013	EA	225 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC225)	9,525.98	592.22
		For NEMA 12 Enclosure, Add	*1,264.08*	
		For NEMA 4 Enclosure, Add	*1,825.89*	
		For NEMA 3R Enclosure, Add	*1,404.54*	
		For Level 2 Controller, Add	*646.47*	
		For Level 3 Controller, Add	*1,334.64*	
		For Level 4 Controller, Add	*1,939.41*	
26 36 23 00-0014	EA	260 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC260)	10,511.31	658.03
		For NEMA 12 Enclosure, Add	*1,264.08*	
		For NEMA 4 Enclosure, Add	*1,825.89*	
		For NEMA 3R Enclosure, Add	*1,404.54*	
		For Level 2 Controller, Add	*712.63*	
		For Level 3 Controller, Add	*1,471.24*	
		For Level 4 Controller, Add	*2,137.90*	
26 36 23 00-0015	EA	300 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC300)	10,976.42	723.83
		For NEMA 12 Enclosure, Add	*1,404.54*	
		For NEMA 3R Enclosure, Add	*1,657.35*	
		For NEMA 4 Enclosure, Add	*1,966.35*	
		For Level 2 Controller, Add	*738.48*	
		For Level 3 Controller, Add	*1,524.60*	
		For Level 4 Controller, Add	*2,215.44*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 36 23 00-0016		EA	400 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC400)	12,418.88	789.63
			For NEMA 12 Enclosure, Add	*1,404.54*	
			For NEMA 3R Enclosure, Add	*1,657.35*	
			For NEMA 4 Enclosure, Add	*1,966.35*	
			For Level 2 Controller, Add	*840.07*	
			For Level 3 Controller, Add	*1,734.34*	
			For Level 4 Controller, Add	*2,520.21*	
26 36 23 00-0017		EA	600 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC600)	17,037.25	987.04
			For NEMA 12 Enclosure, Add	*1,404.54*	
			For NEMA 3R Enclosure, Add	*1,657.35*	
			For NEMA 4 Enclosure, Add	*1,966.35*	
			For Level 2 Controller, Add	*1,167.40*	
			For Level 3 Controller, Add	*2,410.11*	
			For Level 4 Controller, Add	*3,502.19*	
26 36 23 00-0018		EA	800 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC800)	19,091.88	1,184.45
			For NEMA 3R Enclosure, Add	*2,036.56*	
			For Level 2 Controller, Add	*1,296.03*	
			For Level 3 Controller, Add	*2,675.68*	
			For Level 4 Controller, Add	*3,888.09*	
			For NEMA 4 Enclosure, Add	*2,247.26*	
			For NEMA 12 Enclosure, Add	*1,966.35*	
26 36 23 00-0019		EA	1,000 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC1000)	24,853.77	1,660.68
			For NEMA 3R Enclosure, Add	*2,036.56*	
			For Level 2 Controller, Add	*1,668.76*	
			For Level 3 Controller, Add	*3,445.19*	
			For Level 4 Controller, Add	*5,006.29*	
			For NEMA 4 Enclosure, Add	*2,247.26*	
			For NEMA 12 Enclosure, Add	*1,966.35*	
26 36 23 00-0020		EA	1,200 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC1200)	32,331.03	1,799.06
			For NEMA 3R Enclosure, Add	*4,494.50*	
			For NEMA 4 Enclosure, Add	*2,528.16*	
			For Level 2 Controller, Add	*2,226.80*	
			For Level 3 Controller, Add	*4,597.27*	
			For Level 4 Controller, Add	*6,680.40*	
			For NEMA 12 Enclosure, Add	*2,106.80*	
26 36 23 00-0021		EA	1,600 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC1600)	34,436.26	2,075.85
			For NEMA 3R Enclosure, Add	*7,303.55*	
			For NEMA 4 Enclosure, Add	*8,988.98*	
			For NEMA 12 Enclosure, Add	*7,303.55*	
			For Level 2 Controller, Add	*2,347.05*	
			For Level 3 Controller, Add	*4,845.53*	
			For Level 4 Controller, Add	*7,041.16*	
26 36 23 00-0022		EA	2,000 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC2000)	39,377.96	2,352.62
			For NEMA 3R Enclosure, Add	*7,303.55*	
			For NEMA 4 Enclosure, Add	*8,988.98*	
			For NEMA 12 Enclosure, Add	*7,303.55*	
			For Level 2 Controller, Add	*2,687.14*	
			For Level 3 Controller, Add	*5,547.64*	
			For Level 4 Controller, Add	*8,061.41*	
26 36 23 00-0023		EA	3,000 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC3000)	47,545.01	2,906.18
			For NEMA 3R Enclosure, Add	*7,303.55*	
			For Level 2 Controller, Add	*3,234.28*	
			For Level 3 Controller, Add	*6,677.22*	
			For Level 4 Controller, Add	*9,702.84*	
26 36 23 00-0024		EA	4,000 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC4000)	82,856.46	3,459.74
			For NEMA 3R Enclosure, Add	*13,539.65*	
			For Level 2 Controller, Add	*5,885.12*	
			For Level 3 Controller, Add	*12,149.92*	
			For Level 4 Controller, Add	*17,655.35*	

26 36 23 00-0025 Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure *(26 36 23 00-0001)*

26 36 23 00-0026		EA	150 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC150)	27,323.84	2,500.51
			For NEMA 12 Enclosure, Add	*1,334.32*	
			For NEMA 3R Enclosure, Add	*2,457.94*	
			For NEMA 4 Enclosure, Add	*2,528.16*	
			For Level 2 Controller, Add	*1,730.02*	
			For Level 3 Controller, Add	*3,571.65*	
			For Level 4 Controller, Add	*5,190.06*	
26 36 23 00-0027		EA	225 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC225)	28,516.99	2,632.11
			For NEMA 12 Enclosure, Add	*1,334.32*	
			For NEMA 3R Enclosure, Add	*2,457.94*	
			For NEMA 4 Enclosure, Add	*2,528.16*	
			For Level 2 Controller, Add	*1,802.09*	
			For Level 3 Controller, Add	*3,720.44*	
			For Level 4 Controller, Add	*5,406.27*	
26 36 23 00-0028		EA	260 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC260)	29,892.84	2,763.72
			For NEMA 12 Enclosure, Add	*1,334.32*	
			For NEMA 3R Enclosure, Add	*2,457.94*	
			For NEMA 4 Enclosure, Add	*2,528.16*	
			For Level 2 Controller, Add	*1,888.32*	
			For Level 3 Controller, Add	*3,898.46*	
			For Level 4 Controller, Add	*5,664.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 36 23 00-0029	EA	300 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC300)	33,435.17	2,829.52
		For NEMA 12 Enclosure, Add	*1,334.32*	
		For NEMA 3R Enclosure, Add	*2,457.94*	
		For NEMA 4 Enclosure, Add	*2,528.16*	
		For Level 2 Controller, Add	*2,152.65*	
		For Level 3 Controller, Add	*4,444.18*	
		For Level 4 Controller, Add	*6,457.95*	
26 36 23 00-0030	EA	400 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC400)	38,693.15	2,895.32
		For NEMA 12 Enclosure, Add	*1,334.32*	
		For NEMA 3R Enclosure, Add	*2,457.94*	
		For NEMA 4 Enclosure, Add	*2,528.16*	
		For Level 2 Controller, Add	*2,549.94*	
		For Level 3 Controller, Add	*5,264.40*	
		For Level 4 Controller, Add	*7,649.83*	
26 36 23 00-0031	EA	600 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC600)	46,585.48	3,026.93
		For NEMA 3R Enclosure, Add	*2,457.94*	
		For NEMA 4 Enclosure, Add	*2,528.16*	
		For Level 2 Controller, Add	*3,141.20*	
		For Level 3 Controller, Add	*6,485.06*	
		For Level 4 Controller, Add	*9,423.60*	
		For NEMA 12 Enclosure, Add	*1,404.54*	
26 36 23 00-0032	EA	800 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC800)	51,406.39	3,158.53
		For NEMA 3R Enclosure, Add	*2,528.16*	
		For NEMA 4 Enclosure, Add	*2,528.16*	
		For Level 2 Controller, Add	*3,494.42*	
		For Level 3 Controller, Add	*7,214.29*	
		For Level 4 Controller, Add	*10,483.26*	
		For NEMA 12 Enclosure, Add	*1,544.99*	
26 36 23 00-0033	EA	1,000 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC1000)	64,672.15	3,684.96
		For NEMA 3R Enclosure, Add	*2,528.16*	
		For NEMA 4 Enclosure, Add	*2,528.16*	
		For Level 2 Controller, Add	*4,440.92*	
		For Level 3 Controller, Add	*9,168.36*	
		For Level 4 Controller, Add	*13,322.77*	
		For NEMA 12 Enclosure, Add	*1,544.99*	
26 36 23 00-0034	EA	1,200 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC1200)	85,015.71	4,151.68
		For NEMA 3R Enclosure, Add	*11,236.23*	
		For NEMA 12 Enclosure, Add	*11,236.23*	
		For Level 2 Controller, Add	*5,945.21*	
		For Level 3 Controller, Add	*12,273.97*	
		For Level 4 Controller, Add	*17,835.62*	
		For NEMA 4 Enclosure, Add	*14,045.28*	
26 36 23 00-0035	EA	1,600 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC1600)	111,184.75	4,428.47
		For NEMA 3R Enclosure, Add	*23,876.97*	
		For NEMA 12 Enclosure, Add	*22,247.72*	
		For Level 2 Controller, Add	*7,930.41*	
		For Level 3 Controller, Add	*16,372.45*	
		For Level 4 Controller, Add	*23,791.22*	
		For NEMA 4 Enclosure, Add	*23,876.97*	
26 36 23 00-0036	EA	2,000 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC2000)	126,296.60	4,843.63
		For NEMA 3R Enclosure, Add	*23,876.97*	
		For NEMA 12 Enclosure, Add	*22,247.72*	
		For Level 2 Controller, Add	*9,037.22*	
		For Level 3 Controller, Add	*18,657.49*	
		For Level 4 Controller, Add	*27,111.67*	
		For NEMA 4 Enclosure, Add	*23,876.97*	
26 36 23 00-0037	EA	3,000 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC3000)	202,595.12	5,535.58
		For NEMA 3R Enclosure, Add	*29,495.07*	
		For Level 2 Controller, Add	*14,843.11*	
		For Level 3 Controller, Add	*30,643.83*	
		For Level 4 Controller, Add	*44,529.32*	
26 36 23 00-0038	EA	4,000 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC4000)	218,610.91	6,227.53
		For NEMA 3R Enclosure, Add	*29,495.07*	
		For Level 2 Controller, Add	*15,977.08*	
		For Level 3 Controller, Add	*32,984.94*	
		For Level 4 Controller, Add	*47,931.24*	

26 36 23 00-0039 Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure *(26 36 23 00-0001)*

26 36 23 00-0040	EA	40 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE40)	9,071.67	329.01
		For NEMA 12 Enclosure, Add	*1,264.08*	
		For Level 2 Controller, Add	*652.06*	
		For Level 3 Controller, Add	*1,346.18*	
		For Level 4 Controller, Add	*1,956.17*	
		For NEMA 3R Enclosure, Add	*702.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 36 23 00-0041	EA	70 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE70)	9,800.75	394.82
		For NEMA 12 Enclosure, Add	*1,264.08*	
		For Level 2 Controller, Add	*698.36*	
		For Level 3 Controller, Add	*1,441.78*	
		For Level 4 Controller, Add	*2,095.09*	
		For NEMA 3R Enclosure, Add	*702.27*	
26 36 23 00-0042	EA	100 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE100)	10,164.66	427.72
		For NEMA 12 Enclosure, Add	*1,264.08*	
		For Level 2 Controller, Add	*721.46*	
		For Level 3 Controller, Add	*1,489.48*	
		For Level 4 Controller, Add	*2,164.39*	
		For NEMA 3R Enclosure, Add	*702.27*	
26 36 23 00-0043	EA	125 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE125)	10,528.55	460.62
		For NEMA 12 Enclosure, Add	*1,264.08*	
		For Level 2 Controller, Add	*744.57*	
		For Level 3 Controller, Add	*1,537.17*	
		For Level 4 Controller, Add	*2,233.70*	
		For NEMA 3R Enclosure, Add	*702.27*	
26 36 23 00-0044	EA	150 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE150)	12,650.88	526.42
		For NEMA 12 Enclosure, Add	*1,264.08*	
		For Level 2 Controller, Add	*898.85*	
		For Level 3 Controller, Add	*1,855.69*	
		For Level 4 Controller, Add	*2,696.54*	
		For NEMA 3R Enclosure, Add	*702.27*	
		For Four Pole Circuit Breaker, Add	*3,511.32*	
26 36 23 00-0045	EA	225 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE225)	16,496.13	592.22
		For NEMA 12 Enclosure, Add	*1,264.08*	
		For Level 2 Controller, Add	*1,186.66*	
		For Level 3 Controller, Add	*2,449.87*	
		For Level 4 Controller, Add	*3,559.97*	
		For NEMA 3R Enclosure, Add	*702.27*	
		For Four Pole Circuit Breaker, Add	*3,511.32*	
26 36 23 00-0046	EA	250 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE250)	17,556.15	658.03
		For NEMA 12 Enclosure, Add	*1,264.08*	
		For Level 2 Controller, Add	*1,258.61*	
		For Level 3 Controller, Add	*2,598.41*	
		For Level 4 Controller, Add	*3,775.82*	
		For NEMA 3R Enclosure, Add	*702.27*	
		For Four Pole Circuit Breaker, Add	*3,511.32*	
26 36 23 00-0047	EA	300 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE300)	18,247.90	723.83
		For NEMA 12 Enclosure, Add	*1,404.54*	
		For NEMA 3R Enclosure, Add	*1,825.89*	
		For Level 2 Controller, Add	*1,302.02*	
		For Level 3 Controller, Add	*2,688.04*	
		For Level 4 Controller, Add	*3,906.06*	
		For Four Pole Circuit Breaker, Add	*4,775.40*	
26 36 23 00-0048	EA	400 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE400)	20,657.39	789.63
		For NEMA 12 Enclosure, Add	*1,404.54*	
		For NEMA 3R Enclosure, Add	*1,825.89*	
		For Level 2 Controller, Add	*1,478.55*	
		For Level 3 Controller, Add	*3,052.50*	
		For Level 4 Controller, Add	*4,435.66*	
		For Four Pole Circuit Breaker, Add	*4,775.40*	
26 36 23 00-0049	EA	600 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE600)	25,058.15	987.04
		For NEMA 12 Enclosure, Add	*1,404.54*	
		For NEMA 3R Enclosure, Add	*1,825.89*	
		For Level 2 Controller, Add	*1,789.02*	
		For Level 3 Controller, Add	*3,693.45*	
		For Level 4 Controller, Add	*5,367.05*	
		For Four Pole Circuit Breaker, Add	*4,775.40*	
26 36 23 00-0050	EA	800 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE800)	26,065.89	1,184.45
		For NEMA 3R Enclosure, Add	*3,146.15*	
		For NEMA 12 Enclosure, Add	*1,966.35*	
		For Level 2 Controller, Add	*1,836.52*	
		For Level 3 Controller, Add	*3,791.52*	
		For Level 4 Controller, Add	*5,509.55*	
		For Four Pole Circuit Breaker, Add	*6,811.96*	
26 36 23 00-0051	EA	1,000 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE1000)	30,880.07	1,660.68
		For NEMA 3R Enclosure, Add	*3,146.15*	
		For NEMA 12 Enclosure, Add	*1,966.35*	
		For Level 2 Controller, Add	*2,135.80*	
		For Level 3 Controller, Add	*4,409.40*	
		For Level 4 Controller, Add	*6,407.40*	
		For Four Pole Circuit Breaker, Add	*6,811.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 36 23 00-0052		Accessories *(26 36 23)*		
26 36 23 00-0053	EA	Auxiliary Contacts For Automatic Transfer Switch	325.86	
26 36 23 00-0054	EA	Battery Charger For Automatic Transfer Switch	2,668.61	
26 36 23 00-0055	EA	Elevator Relay Signal For Automatic Transfer Switch	969.13	

26 40 Electrical And Cathodic Protection *(26)*

26 43 Surge Protective Devices *(26 40)*

26 43 13 Surge Protective Devices for Low-Voltage Electrical Power Circuits *(26 43)*

26 43 13 00-0001		25 kA Low Exposure (14 kAIC) Transient Voltage Surge Suppression *(26 43 13)* Note: Liebert LPL		
26 43 13 00-0002	EA	120/240 Volt AC Single Phase, 3 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor	252.18	32.08
26 43 13 00-0003	EA	208 Volt AC Three Phase, 3 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor	271.26	32.08
26 43 13 00-0004	EA	240/120 Volt AC Three Phase, 4 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor	284.10	38.49
26 43 13 00-0005	EA	277 Volt AC Single Phase, 2 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor	233.91	25.66
26 43 13 00-0006	EA	480/277 Volt AC Three Phase, 4 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor	284.10	38.49
26 43 13 00-0007		50 kA Low Exposure (14 kAIC) Transient Voltage Surge Suppression *(26 43 13)* Note: Liebert LPL		
26 43 13 00-0008	EA	120/240 Volt AC Single Phase, 3 Wire 50 kA Low Exposure Transient Voltage Surge Suppressor	346.20	32.08
26 43 13 00-0009	EA	208/120 Volt AC Three Phase, 4 Wire 50 kA Low Exposure Transient Voltage Surge Suppressor	369.94	38.49
26 43 13 00-0010	EA	208 Volt AC Three Phase, 3 Wire 50 kA Low Exposure Transient Voltage Surge Suppressor	357.10	32.08
26 43 13 00-0011	EA	480/277 Volt AC Three Phase, 4 Wire 50 kA Low Exposure Transient Voltage Surge Suppressor	369.94	38.49
26 43 13 00-0012		100 kA Low Exposure (14 kAIC) Transient Voltage Surge Suppression *(26 43 13)* Note: Liebert LPL		
26 43 13 00-0013	EA	120/240 Volt AC Single Phase, 3 Wire 100 kA Low Exposure Transient Voltage Surge Suppressor	417.05	32.08
26 43 13 00-0014	EA	208/120 Volt AC Three Phase, 4 Wire 100 kA Low Exposure Transient Voltage Surge Suppressor	440.79	38.49
26 43 13 00-0015	EA	277 Volt AC Single Phase, 2 Wire 100 kA Low Exposure Transient Voltage Surge Suppressor	387.88	25.66
26 43 13 00-0016	EA	480/277 Volt AC Three Phase, 4 Wire 100 kA Low Exposure Transient Voltage Surge Suppressor	440.79	38.49
26 43 13 00-0017		100 kA Low Exposure (65 kAIC) Transient Voltage Surge Suppression *(26 43 13)* Note: Liebert LPM		
26 43 13 00-0018	EA	120/240 Volt AC Single Phase, 3 Wire 100 kA Medium Exposure Transient Voltage Surge Suppressor	490.63	32.08
26 43 13 00-0019	EA	208/120 Volt AC Three Phase, 4 Wire 100 kA Medium Exposure Transient Voltage Surge Suppressor	553.89	38.49
26 43 13 00-0020	EA	277 Volt AC Three Phase, 2 Wire 100 kA Medium Exposure Transient Voltage Surge Suppressor	462.83	25.66
26 43 13 00-0021		160 kA Low Exposure (65 kAIC) Transient Voltage Surge Suppression *(26 43 13)* Note: Liebert LPM		
26 43 13 00-0022	EA	208/120 Volt AC Single Phase, 4 Wire 160 kA Medium Exposure Transient Voltage Surge Suppressor	860.48	38.49
26 43 13 00-0023	EA	208 Volt AC Three Phase, 3 Wire 160 kA Medium Exposure Transient Voltage Surge Suppressor	847.64	32.08
26 43 13 00-0024	EA	480/277 Volt AC Three Phase, 4 Wire 160 kA Medium Exposure Transient Voltage Surge Suppressor	860.48	38.49
26 43 13 00-0025		250 kA, 500 Joule Transient Voltage Surge Suppression *(26 43 13)* Note: Liebert Interceptor Hybrid.		
26 43 13 00-0026	EA	LED Display, 120/208 Volt AC Three Phase, 250 kA Transient Voltage Surge Suppressor	8,183.45	64.14
26 43 13 00-0027	EA	Audible Alarm/LED Display, 120/208 Volt AC Three Phase, 250 kA Transient Voltage Surge Suppressor	10,009.85	64.14
26 43 13 00-0028		Class 1310 Transient Voltage Surge Suppression *(26 43 13)* Note: Supplied with audible alarm, alarm enable/disable switch and dry contacts. Square D.		
26 43 13 00-0029		NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor *(26 43 13 00-0028)* Note: Square D. EMA series.		
26 43 13 00-0030	EA	120 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	4,017.58	166.79
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0031	EA	160 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	4,433.53	192.44
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0032	EA	240 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	6,461.86	224.52
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0033	EA	320 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	8,584.91	256.60
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0034	EA	480 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	12,696.00	352.82
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0035	EA	120 kA, 120/208 Volt, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	4,190.18	166.79
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 43 13 00-0036	EA	160 kA, 120/208 Volt, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	4,623.13	192.44
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0037	EA	240 kA, 120/208 Volt, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	6,754.79	224.52
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0038	EA	320 kA, 120/208 Volt, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	8,965.35	256.60
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0039	EA	480 kA, 120/208 Volt, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	13,283.06	352.82
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0040	EA	120 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	4,190.18	166.79
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0041	EA	160 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	4,623.13	192.44
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0042	EA	240 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	6,754.73	224.52
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0043	EA	320 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	8,965.35	256.60
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0044	EA	480 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	13,283.06	352.82
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0045	EA	120 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	4,362.80	166.79
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0046	EA	160 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	4,815.18	192.44
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0047	EA	240 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	7,050.14	224.52
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0048	EA	320 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	9,348.29	256.60
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0049	EA	480 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	13,872.51	352.82
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0050	EA	120 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	4,563.35	166.79
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0051	EA	160 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	5,014.55	192.44
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0052	EA	240 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	7,358.86	224.52
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0053	EA	320 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	9,749.39	256.60
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0054	EA	480 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	13,655.51	352.82
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	

26 43 13 00-0055 NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor *(26 43 13 00-0028)*

Note: Square D EBA series.

26 43 13 00-0056	EA	120 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	3,142.50	166.79
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0057	EA	160 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	3,794.25	192.44
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0058	EA	240 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	5,545.43	224.52
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0059	EA	120 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	3,240.95	166.79
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0060	EA	160 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	3,940.10	192.44
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0061	EA	240 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	5,736.25	224.52
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0062	EA	120 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	3,240.95	166.79
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0063	EA	160 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	3,940.10	192.44
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 43 13 00-0064	EA	240 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	5,736.25	224.52
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0065	EA	120 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	3,366.14	166.79
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0066	EA	160 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	4,096.89	192.44
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0067	EA	240 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	5,980.55	224.52
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0068	EA	120 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	3,497.41	166.79
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0069	EA	160 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	4,263.40	192.44
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0070	EA	240 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	6,237.01	224.52
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	

26 43 13 00-0071 NEMA 4X Modular Device Transient Voltage Surge Suppressor *(26 43 13 00-0028)*

Note: Square D EMA series. Stainless steel.

26 43 13 00-0072	EA	120 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	5,166.17	166.79
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0073	EA	160 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	5,582.12	192.44
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0074	EA	240 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	7,610.45	224.52
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0075	EA	120 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	5,338.77	166.79
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0076	EA	160 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	5,771.72	192.44
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0077	EA	240 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	7,903.38	224.52
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0078	EA	120 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	5,338.77	166.79
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0079	EA	160 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	5,771.72	192.44
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0080	EA	240 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	7,903.32	224.52
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0081	EA	120 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	5,511.39	166.79
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0082	EA	160 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	5,963.77	192.44
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0083	EA	240 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	8,198.73	224.52
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0084	EA	120 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	5,711.94	166.79
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0085	EA	160 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	6,163.14	192.44
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0086	EA	240 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	8,507.45	224.52
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	

26 43 13 00-0087 NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor *(26 43 13 00-0028)*

Note: Square D EBA series. Stainless steel.

26 43 13 00-0088	EA	120 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,291.09	166.79
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0089	EA	160 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,942.84	192.44
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0090	EA	240 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	6,694.02	224.52
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 43 13 00-0091	EA	120 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,389.54	166.79
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0092	EA	160 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	5,088.69	192.44
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0093	EA	240 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	6,884.84	224.52
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0094	EA	120 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,389.54	166.79
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0095	EA	160 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	5,088.69	192.44
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0096	EA	240 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	6,884.84	224.52
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0097	EA	120 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,514.73	166.79
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0098	EA	160 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	5,245.48	192.44
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0099	EA	240 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	7,129.14	224.52
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0100	EA	120 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,646.00	166.79
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0101	EA	160 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	5,411.99	192.44
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0102	EA	240 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	7,385.60	224.52
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	

26 50 Lighting *(26)*

Note: Includes testing of fixture, a set of lamps (light bulbs), wire nuts, ground wire connector, fixture whip, ballast(s), mounting brackets where necessary and cable connectors. Lay-in fixtures include support wire, clips and seismic supports.

26 51 Interior Lighting *(26 50)*

26 51 13 Incandescent Interior Lighting *(26 51)*

26 51 13 00-0001 Recessed Fixtures *(26 51 13)*

Note: Housing and trim priced separately.

26 51 13 00-0002 Incandescent, Recessed Fixture Housings *(26 51 13 00-0001)*

26 51 13 00-0003	EA	4" Round, Incandescent, T Or ICT Recessed Fixture Housing	89.11	36.70
		For ICAT Housing, Add	*4.38*	
26 51 13 00-0004	EA	5" Round, Incandescent, T Or ICT Recessed Fixture Housing	89.11	36.70
		For ICAT Housing, Add	*4.38*	
26 51 13 00-0005	EA	6" Round, Incandescent, T Or ICT Recessed Fixture Housing	94.60	38.49
		For ICAT Housing, Add	*4.75*	
26 51 13 00-0006	EA	7" Round, Incandescent, T Or ICT Recessed Fixture Housing	100.28	40.15
		For ICAT Housing, Add	*5.16*	
26 51 13 00-0007	EA	8" Round, Incandescent, T Or ICT Recessed Fixture Housing	105.98	41.83
		For ICAT Housing, Add	*5.56*	
26 51 13 00-0008	EA	10" To 12" Square, Incandescent, T Or ICT Recessed Fixture Housing	108.02	44.39
		For ICAT Housing, Add	*5.33*	

26 51 13 00-0009 Recessed Fixture Trim *(26 51 13 00-0001)*

26 51 13 00-0010	EA	Circular, Recessed Fixture Trim	68.95	17.96
26 51 13 00-0011	EA	Circular Clear Lens, Recessed Fixture Trim	76.64	17.96
26 51 13 00-0012	EA	Open/Baffle, Recessed Fixture Trim	89.97	17.96
26 51 13 00-0013	EA	Specular Reflector, Recessed Fixture Trim	97.03	17.96
26 51 13 00-0014	EA	Eyeball, Recessed Fixture Trim	76.75	17.96
26 51 13 00-0015	EA	10" To 12" Square, Clear Lens, Recessed Fixture Trim	72.62	17.96
26 51 13 00-0016	EA	10" To 12" Square, Drop Dish, Recessed Fixture Trim	77.36	17.96

26 51 13 00-0017 Track Lighting *(26 51 13)*

26 51 13 00-0018 Incandescent Track Lighting Fixtures *(26 51 13 00-0017)*

See CSI section 26 51 19 00-0573 for track lighting tracks.

26 51 13 00-0019	EA	Incandescent Track Lighting Fixture, 120 Volt	89.17	21.42
26 51 13 00-0020	EA	Par 20 Track Fixture, White Or Black Finish, 120 Volt	60.68	21.42
26 51 13 00-0021	EA	Par 30 Track Fixture, White Or Black Finish, 120 Volt	82.77	21.42
26 51 13 00-0022	EA	Par 38 Track Fixture, White Or Black Finish, 120 Volt	84.96	21.42
26 51 13 00-0023	EA	PAR 16, Baffled Cylinder Track Fixture, White or Black Finish, 120 Volt	70.68	21.42
26 51 13 00-0024	EA	PAR 20, Baffled Cylinder Track Fixture, White or Black Finish, 120 Volt	60.68	21.42

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 13 00-0025	EA	PAR 30, Baffled Cylinder Track Fixture, White or Black Finish, 120 Volt Note: 120V.	69.63	21.42
26 51 13 00-0026	EA	PAR 38, Baffled Cylinder Track Fixture, White or Black Finish, 120 Volt	87.15	21.42
26 51 13 00-0027		Wet Location, Dust Resistant, Vapor Tight Fixtures *(26 51 13)*		
26 51 13 00-0028		Incandescent, Wet Location, Dust Resistant, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixtures *(26 51 13 00-0027)*		
26 51 13 00-0029	EA	100 Watt Incandescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	136.57	51.32
		For Wall Mounted, Add	*5.10*	
26 51 13 00-0030	EA	200 Watt Incandescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	155.38	51.32
		For Wall Mounted, Add	*5.10*	
26 51 16		**Fluorescent Interior Lighting *(26 51)***		
26 51 16 00-0001		Fluorescent Fixtures *(26 51 16)*		
26 51 16 00-0002		Surface Mounted, Wraparound Fluorescent Fixtures *(26 51 16 00-0001)*		
26 51 16 00-0003		6" x 2', Surface Mounted, Wraparound Fluorescent Fixtures *(26 51 16 00-0002)*		
26 51 16 00-0004	EA	1 T8 Lamp, 6" x 2', Surface Mounted, Wraparound Fluorescent Fixture	196.87	36.69
26 51 16 00-0005	EA	2 T8 Lamps, 6" x 2', Surface Mounted, Wraparound Fluorescent Fixture	221.44	36.69
26 51 16 00-0006		6" x 4', Surface Mounted, Wraparound Fluorescent Fixtures *(26 51 16 00-0002)*		
26 51 16 00-0007	EA	1 T8 Lamp, 6" x 4', Surface Mounted, Wraparound Fluorescent Fixture	222.56	38.21
26 51 16 00-0008	EA	2 T8 Lamps, 6" x 4', Surface Mounted, Wraparound Fluorescent Fixture	249.49	38.21
26 51 16 00-0009		1' x 4', Surface Mounted, Wraparound Fluorescent Fixtures *(26 51 16 00-0002)*		
26 51 16 00-0010	EA	2 T8 Lamps, 1' x 4', Surface Mounted, Wraparound Fluorescent Fixture	265.80	42.90
26 51 16 00-0011	EA	3 T8 Lamps, 1' x 4', Surface Mounted, Wraparound Fluorescent Fixture	315.86	42.90
26 51 16 00-0012	EA	4 T8 Lamps, 1' x 4', Surface Mounted, Wraparound Fluorescent Fixture	370.94	42.90
26 51 16 00-0013		2' x 2', Surface Mounted, Wraparound Fluorescent Fixtures *(26 51 16 00-0002)*		
26 51 16 00-0014	EA	2 T8 Lamps, 2' x 2', Surface Mounted, Wraparound Fluorescent Fixture	215.91	46.88
26 51 16 00-0015	EA	3 T8 Lamps, 2' x 2', Surface Mounted, Wraparound Fluorescent Fixture	250.09	46.88
26 51 16 00-0016		2' x 4', Surface Mounted, Wraparound Fluorescent Fixtures *(26 51 16 00-0002)*		
26 51 16 00-0017	EA	2 T8 Lamps, 2' x 4', Surface Mounted, Wraparound Fluorescent Fixture	340.14	54.62
26 51 16 00-0018	EA	3 T8 Lamps, 2' x 4', Surface Mounted, Wraparound Fluorescent Fixture	366.40	54.62
26 51 16 00-0019	EA	4 T8 Lamps, 2' x 4', Surface Mounted, Wraparound Fluorescent Fixture	416.37	54.62
26 51 16 00-0020		Surface Mounted, Box Type Fluorescent Fixtures *(26 51 16 00-0001)* Note: Includes prismatic lens.		
26 51 16 00-0021		1' x 4', Surface Mounted, Box Type Fluorescent Fixtures *(26 51 16 00-0020)*		
26 51 16 00-0022	EA	2 T8 Lamps, 1' x 4', Surface Mounted, Box Type Fluorescent Fixture	264.30	42.55
26 51 16 00-0023	EA	3 T8 Lamps, 1' x 4', Surface Mounted, Box Type Fluorescent Fixture	431.30	42.55
26 51 16 00-0024	EA	4 T8 Lamps, 1' x 4', Surface Mounted, Box Type Fluorescent Fixture	492.37	42.55
26 51 16 00-0025		2' x 2', Surface Mounted, Box Type Fluorescent Fixtures *(26 51 16 00-0020)*		
26 51 16 00-0026	EA	2 T8 Lamps, 2' x 2', Surface Mounted, Box Type Fluorescent Fixture	414.47	46.88
26 51 16 00-0027	EA	3 T8 Lamps, 2' x 2', Surface Mounted, Box Type Fluorescent Fixture	452.98	46.88
26 51 16 00-0028	EA	4 T8 Lamps, 2' x 2', Surface Mounted, Box Type Fluorescent Fixture	480.76	46.88
26 51 16 00-0029		2' x 4', Surface Mounted, Box Type Fluorescent Fixtures *(26 51 16 00-0020)*		
26 51 16 00-0030	EA	2 T8 Lamps, 2' x 4', Surface Mounted, Box Type Fluorescent Fixture	420.05	54.62
26 51 16 00-0031	EA	3 T8 Lamps, 2' x 4', Surface Mounted, Box Type Fluorescent Fixture	461.13	54.62
26 51 16 00-0032	EA	4 T8 Lamps, 2' x 4', Surface Mounted, Box Type Fluorescent Fixture	483.75	54.62
26 51 16 00-0033	EA	6 T8 Lamps, 2' x 4', Surface Mounted, Box Type Fluorescent Fixture	518.17	54.62
26 51 16 00-0034		4' x 4', Surface Mounted, Box Type Fluorescent Fixtures *(26 51 16 00-0020)*		
26 51 16 00-0035	EA	4 T8 Lamps, 4' x 4', Surface Mounted, Box Type Fluorescent Fixture	835.58	70.33
26 51 16 00-0036	EA	6 T8 Lamps, 4' x 4', Surface Mounted, Box Type Fluorescent Fixture	849.42	70.33
26 51 16 00-0037	EA	8 T8 Lamps, 4' x 4', Surface Mounted, Box Type Fluorescent Fixture	765.69	70.33
26 51 16 00-0038		Recessed Fluorescent Fixtures *(26 51 16 00-0001)*		
26 51 16 00-0039		Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 16 00-0038)*		
26 51 16 00-0040		1' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture *(26 51 16 00-0039)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 16 00-0041	EA	2 T8 Lamps, 1' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	416.46	36.69
		For Drywall Or Plaster Ceilings, Add	*24.79*	
26 51 16 00-0042		**1' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture** *(26 51 16 00-0039)*		
26 51 16 00-0043	EA	2 T8 Lamps, 1' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	553.22	42.55
		For Drywall Or Plaster Ceilings, Add	*29.01*	
26 51 16 00-0044	EA	2 T5 Lamps, 1' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	1,045.10	42.55
		For Drywall Or Plaster Ceilings, Add	*29.01*	
26 51 16 00-0045		**2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture** *(26 51 16 00-0039)*		
26 51 16 00-0046	EA	2 T8 Lamps, 2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	559.14	46.88
		For Drywall Or Plaster Ceilings, Add	*31.65*	
26 51 16 00-0047	EA	3 T8 Lamps, 2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	645.89	46.88
		For Drywall Or Plaster Ceilings, Add	*31.65*	
26 51 16 00-0048	EA	4 T8 Lamps, 2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	651.79	46.88
		For Drywall Or Plaster Ceilings, Add	*31.65*	
26 51 16 00-0049	EA	2 T5 Lamps, 2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	703.75	46.88
		For Drywall Or Plaster Ceilings, Add	*31.65*	
26 51 16 00-0050		**2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture** *(26 51 16 00-0039)*		
26 51 16 00-0051	EA	2 T8 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	531.91	54.62
		For Drywall Or Plaster Ceilings, Add	*36.93*	
26 51 16 00-0052	EA	3 T8 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	763.55	54.62
		For Drywall Or Plaster Ceilings, Add	*36.93*	
26 51 16 00-0053	EA	4 T8 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	770.47	54.62
		For Drywall Or Plaster Ceilings, Add	*36.93*	
26 51 16 00-0054	EA	6 T8 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	862.09	54.62
		For Drywall Or Plaster Ceilings, Add	*36.92*	
26 51 16 00-0055	EA	2 T5 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	731.99	54.62
		For Drywall Or Plaster Ceilings, Add	*36.93*	
26 51 16 00-0056	EA	3 T5 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	1,022.25	54.62
		For Drywall Or Plaster Ceilings, Add	*36.93*	
26 51 16 00-0057	EA	4 T5 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	1,038.65	54.62
		For Drywall Or Plaster Ceilings, Add	*36.93*	
26 51 16 00-0058		**Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures** *(26 51 16 00-0038)*		
26 51 16 00-0059		**1' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures** *(26 51 16 00-0058)*		
26 51 16 00-0060	EA	1 T8 Lamp, 1' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	497.00	36.69
		For Drywall Or Plaster Ceilings, Add	*24.79*	
26 51 16 00-0061	EA	2 T8 Lamps, 1' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	502.89	36.69
		For Drywall Or Plaster Ceilings, Add	*24.79*	
26 51 16 00-0062	EA	3 T8 Lamps, 1' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	595.21	36.69
		For Drywall Or Plaster Ceilings, Add	*24.79*	
26 51 16 00-0063		**1' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures** *(26 51 16 00-0058)*		
26 51 16 00-0064	EA	1 T8 Lamp, 1' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	566.05	42.55
		For Drywall Or Plaster Ceilings, Add	*29.01*	
26 51 16 00-0065	EA	2 T8 Lamps, 1' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	572.97	42.55
		For Drywall Or Plaster Ceilings, Add	*29.01*	
26 51 16 00-0066	EA	3 T8 Lamps, 1' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	650.89	42.55
		For Drywall Or Plaster Ceilings, Add	*29.01*	
26 51 16 00-0067		**2' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures** *(26 51 16 00-0058)*		
26 51 16 00-0068	EA	2 T8 Lamps, 2' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	577.91	46.88
		For Drywall Or Plaster Ceilings, Add	*31.65*	
26 51 16 00-0069	EA	3 T8 Lamps, 2' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	583.80	46.88
		For Drywall Or Plaster Ceilings, Add	*31.65*	
26 51 16 00-0070	EA	4 T8 Lamps, 2' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	674.70	46.88
		For Drywall Or Plaster Ceilings, Add	*31.65*	
26 51 16 00-0071		**2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures** *(26 51 16 00-0058)*		
26 51 16 00-0072	EA	2 T8 Lamps, 2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	531.91	54.62
		For Drywall Or Plaster Ceilings, Add	*36.93*	
26 51 16 00-0073	EA	3 T8 Lamps, 2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	629.93	54.62
		For Drywall Or Plaster Ceilings, Add	*36.93*	
26 51 16 00-0074	EA	4 T8 Lamps, 2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	722.93	54.62
		For Drywall Or Plaster Ceilings, Add	*36.93*	
26 51 16 00-0075	EA	6 T8 Lamps, 2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	823.20	54.62
		For Drywall Or Plaster Ceilings, Add	*36.93*	
26 51 16 00-0076		**Direct-Indirect, Recessed Fluorescent Fixtures** *(26 51 16 00-0038)*		
26 51 16 00-0077		**1' x 4', Direct-Indirect, Recessed Fluorescent Fixtures** *(26 51 16 00-0076)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 16 00-0078	EA	1 T8 Lamp, 1' x 4', Direct-Indirect, Recessed Fluorescent Fixture	1,108.10	42.55
		For Drywall Or Plaster Ceilings, Add	*29.01*	
26 51 16 00-0079	EA	2 T8 Lamps, 1' x 4', Direct-Indirect, Recessed Fluorescent Fixture	1,115.02	42.55
		For Drywall Or Plaster Ceilings, Add	*29.01*	
26 51 16 00-0080	EA	1 T5 Lamp, 1' x 4', Direct-Indirect, Recessed Fluorescent Fixture	1,322.00	42.55
		For Drywall Or Plaster Ceilings, Add	*29.01*	
26 51 16 00-0081	EA	2 T5 Lamps, 1' x 4', Direct-Indirect, Recessed Fluorescent Fixture	1,338.40	42.55
		For Drywall Or Plaster Ceilings, Add	*29.01*	
26 51 16 00-0082		**2' x 2', Direct-Indirect, Recessed Fluorescent Fixtures** *(26 51 16 00-0076)*		
26 51 16 00-0083	EA	2 T8 Lamps, 2' x 2', Direct-Indirect, Recessed Fluorescent Fixture	863.86	46.88
		For Drywall Or Plaster Ceilings, Add	*31.65*	
26 51 16 00-0084	EA	3 T8 Lamps, 2' x 2', Direct-Indirect, Recessed Fluorescent Fixture	967.98	46.88
		For Drywall Or Plaster Ceilings, Add	*31.65*	
26 51 16 00-0085	EA	2 T5 Lamps, 2' x 2', Direct-Indirect, Recessed Fluorescent Fixture	1,192.63	46.88
		For Drywall Or Plaster Ceilings, Add	*31.65*	
26 51 16 00-0086		**2' x 4', Direct-Indirect, Recessed Fluorescent Fixtures** *(26 51 16 00-0076)*		
26 51 16 00-0087	EA	2 T8 Lamps, 2' x 4', Direct-Indirect, Recessed Fluorescent Fixture	968.39	54.62
		For Drywall Or Plaster Ceilings, Add	*36.93*	
26 51 16 00-0088	EA	3 T8 Lamps, 2' x 4', Direct-Indirect, Recessed Fluorescent Fixture	1,208.68	54.62
		For Drywall Or Plaster Ceilings, Add	*36.93*	
26 51 16 00-0089	EA	1 T5 Lamp, 2' x 4', Direct-Indirect, Recessed Fluorescent Fixture	1,290.75	54.62
		For Drywall Or Plaster Ceilings, Add	*36.93*	
26 51 16 00-0090	EA	2 T5 Lamps, 2' x 4', Direct-Indirect, Recessed Fluorescent Fixture	1,418.87	54.62
		For Drywall Or Plaster Ceilings, Add	*36.93*	
26 51 16 00-0091		**Volumetric, Recessed Fluorescent Fixtures** *(26 51 16 00-0038)*		
26 51 16 00-0092		**1' x 4', Volumetric, Recessed Fluorescent Fixtures** *(26 51 16 00-0091)*		
26 51 16 00-0093	EA	2 T8 Lamps, 1' x 4', Volumetric, Recessed Fluorescent Fixture	856.29	42.55
		For Drywall Or Plaster Ceilings, Add	*29.01*	
26 51 16 00-0094	EA	2 T5 Lamps, 1' x 4', Volumetric, Recessed Fluorescent Fixture	1,149.93	42.55
		For Drywall Or Plaster Ceilings, Add	*29.01*	
26 51 16 00-0095		**2' x 2', Volumetric, Recessed Fluorescent Fixtures** *(26 51 16 00-0091)*		
26 51 16 00-0096	EA	2 T8 Lamps, 2' x 2', Volumetric, Recessed Fluorescent Fixture	850.42	46.88
		For Drywall Or Plaster Ceilings, Add	*31.65*	
26 51 16 00-0097	EA	2 T5 Lamps, 2' x 2', Volumetric, Recessed Fluorescent Fixture	981.72	46.88
		For Drywall Or Plaster Ceilings, Add	*31.65*	
26 51 16 00-0098		**2' x 4', Volumetric, Recessed Fluorescent Fixtures** *(26 51 16 00-0091)*		
26 51 16 00-0099	EA	2 T8 Lamps, 2' x 4', Volumetric, Recessed Fluorescent Fixture	943.29	54.62
		For Drywall Or Plaster Ceilings, Add	*36.93*	
26 51 16 00-0100	EA	2 T5 Lamps, 2' x 4', Volumetric, Recessed Fluorescent Fixture	945.48	54.62
		For Drywall Or Plaster Ceilings, Add	*36.93*	
26 51 16 00-0101		**Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures** *(26 51 16 00-0038)*		
26 51 16 00-0102		**1' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures** *(26 51 16 00-0101)*		
26 51 16 00-0103	EA	2 T8 Lamps, 1' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	788.83	42.55
		For Drywall Or Plaster Ceilings, Add	*29.01*	
26 51 16 00-0104		**2' x 2', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures** *(26 51 16 00-0101)*		
26 51 16 00-0105	EA	2 T8 Lamps, 2' x 2', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	751.28	46.88
		For Drywall Or Plaster Ceilings, Add	*31.65*	
26 51 16 00-0106		**2' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures** *(26 51 16 00-0101)*		
26 51 16 00-0107	EA	2 T8 Lamps, 2' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	912.86	54.62
		For Drywall Or Plaster Ceilings, Add	*36.93*	
26 51 16 00-0108	EA	3 T8 Lamps, 2' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	635.22	54.62
		For Drywall Or Plaster Ceilings, Add	*36.93*	
26 51 16 00-0109	EA	4 T8 Lamps, 2' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	1,051.68	54.62
		For Drywall Or Plaster Ceilings, Add	*36.93*	
26 51 16 00-0110		**Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures** *(26 51 16 00-0038)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 16 00-0111		1' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 16 00-0110)*		
26 51 16 00-0112	EA	2 T8 Lamps, 1' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	748.94	42.55
		For Drywall Or Plaster Ceilings, Add	*29.01*	
26 51 16 00-0113		2' x 2', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 16 00-0110)*		
26 51 16 00-0114	EA	2 T8 Lamps, 2' x 2', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	750.33	46.88
		For Drywall Or Plaster Ceilings, Add	*31.65*	
26 51 16 00-0115		2' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 16 00-0110)*		
26 51 16 00-0116	EA	2 T8 Lamps, 2' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	935.25	54.62
		For Drywall Or Plaster Ceilings, Add	*36.93*	
26 51 16 00-0117	EA	3 T8 Lamps, 2' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	949.94	54.62
		For Drywall Or Plaster Ceilings, Add	*36.93*	
26 51 16 00-0118	EA	4 T8 Lamps, 2' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	973.37	54.62
		For Drywall Or Plaster Ceilings, Add	*36.93*	
26 51 16 00-0119		Striplight Fluorescent Fixtures *(26 51 16 00-0001)*		
26 51 16 00-0120		1 Lamp Cross Section, Striplight Fluorescent Fixtures *(26 51 16 00-0119)*		
26 51 16 00-0121	EA	1-1/2' Length, 1 T8 Lamp, Striplight Fluorescent Fixture	301.77	35.16
26 51 16 00-0122	EA	2' Length, 1 T8 Lamp, Striplight Fluorescent Fixture	377.97	35.16
26 51 16 00-0123	EA	3' Length, 1 T8 Lamp, Striplight Fluorescent Fixture	367.67	39.03
26 51 16 00-0124	EA	4' Length, 1 T8 Lamp, Striplight Fluorescent Fixture	373.43	42.90
26 51 16 00-0125	EA	8' Length, 1 T8 Lamp, Striplight Fluorescent Fixture	457.63	50.81
26 51 16 00-0126		2 Lamp Cross Section, Striplight Fluorescent Fixtures *(26 51 16 00-0119)*		
26 51 16 00-0127	EA	2' Length, 2 T8 Lamps, Striplight Fluorescent Fixture	372.44	39.03
26 51 16 00-0128	EA	3' Length, 2 T8 Lamps, Striplight Fluorescent Fixture	380.53	42.90
26 51 16 00-0129	EA	4' Length, 2 T8 Lamps, Striplight Fluorescent Fixture	386.21	46.88
26 51 16 00-0130		3 Lamp Cross Section, Striplight Fluorescent Fixtures *(26 51 16 00-0119)*		
26 51 16 00-0131	EA	2' Length, 3 T8 Lamps, Striplight Fluorescent Fixture	564.16	39.03
26 51 16 00-0132	EA	3' Length, 3 T8 Lamps, Striplight Fluorescent Fixture	538.81	42.90
26 51 16 00-0133	EA	4' Length, 3 T8 Lamps, Striplight Fluorescent Fixture	544.40	46.88
26 51 16 00-0134		Display Case Fluorescent Fixtures *(26 51 16 00-0119)*		
26 51 16 00-0135	EA	1 T8 Lamp, 1-1/2' Length, Undercabinet/Display Case Fluorescent Fixture (Lightolier TCU15W)	197.48	38.49
26 51 16 00-0136	EA	1 T8 Lamp, 2' Length, Undercabinet/Display Case Fluorescent Fixture (Lightolier TCU20W)	271.67	38.49
26 51 16 00-0137	EA	1 T8 Lamp, 3' Length, Undercabinet/Display Case Fluorescent Fixture (Lightolier TCU30W)	293.12	44.90
26 51 16 00-0138	EA	1 T8 Lamp, 4' Length, Undercabinet/Display Case Fluorescent Fixture (Lightolier TCU40W)	303.66	44.90
26 51 16 00-0139		Industrial Fluorescent Fixtures *(26 51 16 00-0001)*		
26 51 16 00-0140		1 Lamp Cross Section, Industrial Fluorescent Fixtures *(26 51 16 00-0139)*		
26 51 16 00-0141	EA	2' Length, 1 T8 Lamp, Industrial Fluorescent Fixture	451.44	35.16
26 51 16 00-0142	EA	4' Length, 1 T8 Lamp, Industrial Fluorescent Fixture	472.60	42.90
26 51 16 00-0143	EA	8' Length, 1 T8 Lamp, Industrial Fluorescent Fixture	894.91	54.62
26 51 16 00-0144		2 Lamp Cross Section, Industrial Fluorescent Fixtures *(26 51 16 00-0139)*		
26 51 16 00-0145	EA	2' Length, 2 T8 Lamps, Industrial Fluorescent Fixture	463.19	39.03
26 51 16 00-0146	EA	4' Length, 2 T8 Lamps, Industrial Fluorescent Fixture	485.40	46.88
26 51 16 00-0147	EA	8' Length, 2 T8 Lamps, Industrial Fluorescent Fixture	908.75	54.62
26 51 16 00-0148		3 Lamp Cross Section, Industrial Fluorescent Fixtures *(26 51 16 00-0139)*		
26 51 16 00-0149	EA	2' Length, 3 T8 Lamps, Industrial Fluorescent Fixture	482.05	39.03
26 51 16 00-0150	EA	4' Length, 3 T8 Lamps, Industrial Fluorescent Fixture	502.04	46.88
26 51 16 00-0151	EA	8' Length, 3 T8 Lamps, Industrial Fluorescent Fixture	775.66	54.62
26 51 16 00-0152		4 Lamp Cross Section, Industrial Fluorescent Fixtures *(26 51 16 00-0139)*		
26 51 16 00-0153	EA	4' Length, 4 T8 Lamps, Industrial Fluorescent Fixture	707.32	46.88
26 51 16 00-0154	EA	8' Length, 4 T8 Lamps, Industrial Fluorescent Fixture	1,048.79	54.62
26 51 16 00-0155		Flanged Fluorescent Fixture *(26 51 16 00-0001)* Note: For plaster or drywall application. With electronic ballast.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 16 00-0156	EA	2 T8 Lamps, 2' x 4', Prismatic Lensed, Flanged Fluorescent Fixture	650.42	70.33
26 51 16 00-0157	EA	3 T8 Lamps, 2' x 4', Prismatic Lensed, Flanged Fluorescent Fixture	786.98	70.33
26 51 16 00-0158	EA	4 T8 Lamps, 2' x 4', Prismatic Lensed, Flanged Fluorescent Fixture	793.90	70.33
26 51 16 00-0159		**Undercabinet Fluorescent Fixtures** *(26 51 16 00-0001)*		
26 51 16 00-0160	EA	1 T5 Lamp, 12-3/16" Length, Slimline Undercabinet Fluorescent Fixture	232.53	31.65
26 51 16 00-0161	EA	1 T5 Lamp, 21-3/16" Length, Slimline Undercabinet Fluorescent Fixture	269.13	38.68
26 51 16 00-0162	EA	2 T5 Lamps, 24-7/16" Length, Slimline Undercabinet Fluorescent Fixture	264.20	38.68
26 51 16 00-0163	EA	1 T5 Lamp, 33-7/16" Length, Slimline Undercabinet Fluorescent Fixture	323.23	42.20
26 51 16 00-0164	EA	2 T5 Lamps, 42-7/16" Length, Slimline Undercabinet Fluorescent Fixture	375.62	49.23
26 51 16 00-0165		**Corner Mounted, Fluorescent Fixtures** *(26 51 16 00-0001)*		
		Note: Includes acrylic drop dish diffuser.		
26 51 16 00-0166		**2' Length, Corner Mounted, Fluorescent Fixtures** *(26 51 16 00-0165)*		
26 51 16 00-0167	EA	1 T8 Lamp, 2' Length, Corner Mounted, Fluorescent Fixture	264.80	35.16
26 51 16 00-0168	EA	2 T8 Lamps, 2' Length, Corner Mounted, Fluorescent Fixture	295.49	35.16
26 51 16 00-0169		**3' Length, Corner Mounted, Fluorescent Fixtures** *(26 51 16 00-0165)*		
26 51 16 00-0170	EA	1 T8 Lamp, 3' Length, Corner Mounted, Fluorescent Fixture	302.38	36.92
26 51 16 00-0171	EA	2 T8 Lamps, 3' Length, Corner Mounted, Fluorescent Fixture	331.69	36.92
26 51 16 00-0172		**4' Length, Corner Mounted, Fluorescent Fixtures** *(26 51 16 00-0165)*		
26 51 16 00-0173	EA	1 T8 Lamp, 4' Length, Corner Mounted, Fluorescent Fixture	298.02	38.68
26 51 16 00-0174	EA	2 T8 Lamps, 4' Length, Corner Mounted, Fluorescent Fixture	328.38	38.68
26 51 16 00-0175		**Wall Bracket, Fluorescent Fixtures** *(26 51 16 00-0001)*		
26 51 16 00-0176		**Wall Bracket, Fluorescent Fixtures (Lithonia W)** *(26 51 16 00-0175)*		
		Note: Includes extruded aluminum housing with brushed finish, acrylic diffuser and solid-state electronic ballast.		
26 51 16 00-0177		**2' Length, Wall Bracket, Fluorescent Fixtures (Lithonia W)** *(26 51 16 00-0176)*		
26 51 16 00-0178	EA	1 T8 Lamp, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia W)	255.49	59.01
26 51 16 00-0179	EA	2 T8 Lamps, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia W)	260.52	59.01
26 51 16 00-0180		**3' Length, Wall Bracket, Fluorescent Fixtures (Lithonia W)** *(26 51 16 00-0176)*		
26 51 16 00-0181	EA	1 T8 Lamp, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia W)	332.92	59.01
26 51 16 00-0182	EA	2 T8 Lamps, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia W)	339.93	59.01
26 51 16 00-0183		**4' Length, Wall Bracket, Fluorescent Fixtures (Lithonia W)** *(26 51 16 00-0176)*		
26 51 16 00-0184	EA	1 T8 Lamp, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia W)	344.92	59.01
26 51 16 00-0185	EA	2 T8 Lamps, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia W)	349.94	59.01
26 51 16 00-0186		**Wall Bracket, Fluorescent Fixtures (Lithonia WP)** *(26 51 16 00-0175)*		
		Note: Includes 20 gauge steel housing with baked finish, acrylic diffuser and solid-state electronic ballast.		
26 51 16 00-0187		**2' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WP)** *(26 51 16 00-0186)*		
26 51 16 00-0188	EA	1 T8 Lamp, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP)	691.94	59.01
26 51 16 00-0189	EA	2 T8 Lamps, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP)	696.96	59.01
26 51 16 00-0190		**3' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WP)** *(26 51 16 00-0186)*		
26 51 16 00-0191	EA	1 T8 Lamp, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP)	541.09	59.01
26 51 16 00-0192	EA	2 T8 Lamps, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP)	548.10	59.01
26 51 16 00-0193		**4' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WP)** *(26 51 16 00-0186)*		
26 51 16 00-0194	EA	1 T8 Lamp, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP)	626.57	59.01
26 51 16 00-0195	EA	2 T8 Lamps, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP)	631.59	59.01
26 51 16 00-0196		**Wall Bracket, Fluorescent Fixtures (Lithonia WC)** *(26 51 16 00-0175)*		
		Note: Includes 20 gauge steel housing with baked finish, acrylic diffuser and solid-state electronic ballast.		
26 51 16 00-0197		**2' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WC)** *(26 51 16 00-0196)*		
26 51 16 00-0198	EA	1 T8 Lamp, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC)	244.38	59.01
26 51 16 00-0199	EA	2 T8 Lamps, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC)	249.41	59.01
26 51 16 00-0200		**3' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WC)** *(26 51 16 00-0196)*		
26 51 16 00-0201	EA	1 T8 Lamp, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC)	246.37	59.01
26 51 16 00-0202	EA	2 T8 Lamps, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC)	253.39	59.01

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 16 00-0203		4' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WC) *(26 51 16 00-0196)*		
26 51 16 00-0204	EA	1 T8 Lamp, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC)	235.87	59.01
26 51 16 00-0205	EA	2 T8 Lamps, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC)	240.89	59.01
26 51 16 00-0206		Low Occupancy, Industrial Fluorescent Fixtures *(26 51 16 00-0001)*		
26 51 16 00-0207	EA	1 T8 Lamp, 4' Length, Bi-Level Illumination, Industrial Fluorescent Fixture With Integral Occupancy Sensor (Deco SMART™ DSBL-CP)	295.91	42.90
26 51 16 00-0208	EA	2 T8 Lamps, 4' Length, Bi-Level Illumination, Industrial Fluorescent Fixture With Integral Occupancy Sensor (Deco SMART™ DSBL-CP)	301.78	46.88
26 51 16 00-0209		Ceiling Mounted Fluorescent Fixtures *(26 51 16)*		
26 51 16 00-0210		Ceiling Mounted, Compact Fluorescent/Incandescent Fixtures *(26 51 16 00-0209)*		
26 51 16 00-0211		Glass Globe, Compact Fluorescent/Incandescent Fixtures *(26 51 16 00-0210)*		
26 51 16 00-0212	EA	6" Diameter, Ceiling Mounted, Glass Globe, Compact Fluorescent/Incandescent Fixture	238.09	51.32
26 51 16 00-0213	EA	9" Diameter, Ceiling Mounted, Mushroom Style Glass Globe, Compact Fluorescent/Incandescent Fixture	293.19	51.32
26 51 16 00-0214		Ceiling Mounted, Circline Fluorescent Fixtures *(26 51 16 00-0209)*		
26 51 16 00-0215		Exposed Lamps, Circline Fluorescent Fixtures *(26 51 16 00-0214)*		
26 51 16 00-0216	EA	8-1/2" Diameter, Ceiling Mounted, Exposed Lamps, Circline Fluorescent Fixture	188.54	51.32
26 51 16 00-0217	EA	12" Diameter, Ceiling Mounted, Exposed Lamps, Circline Fluorescent Fixture	208.44	51.32
26 51 16 00-0218		Low Profile Acrylic Diffuser, Circline Fluorescent Fixtures *(26 51 16 00-0214)*		
26 51 16 00-0219	EA	11" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture	311.12	51.32
26 51 16 00-0220	EA	14" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture	462.81	51.32
26 51 16 00-0221	EA	19" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture	567.91	51.32
26 51 16 00-0222	EA	12" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture	360.26	51.32
26 51 16 00-0223	EA	15" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture	465.92	51.32
26 51 16 00-0224	EA	19" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture	567.91	51.32
26 51 16 00-0225		Ceiling Mounted, Double Twin Tube Compact Fluorescent Fixtures *(26 51 16 00-0209)*		
26 51 16 00-0226		Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixtures *(26 51 16 00-0225)*		
26 51 16 00-0227	EA	11" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture	315.25	51.32
26 51 16 00-0228	EA	14" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture	426.73	51.32
26 51 16 00-0229	EA	19" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture	521.15	51.32
26 51 16 00-0230	EA	12" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture	245.05	51.32
26 51 16 00-0231	EA	15" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture	302.91	51.32
26 51 16 00-0232	EA	19" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture	412.55	51.32
26 51 16 00-0233		Pendant Mounted, Compact Fluorescent/Incandescent Downlights *(26 51 16 00-0209)*		
26 51 16 00-0234		Pendant Mounted, Compact Fluorescent/Incandescent Open Reflector Downlights *(26 51 16 00-0233)*		
26 51 16 00-0235	EA	6" Diameter, Pendant Mounted, Open Reflector Compact Fluorescent/Incandescent Downlight	533.77	42.16
26 51 16 00-0236		Pendant Mounted, Compact Fluorescent/Incandescent Downlights With Baffle *(26 51 16 00-0233)*		
26 51 16 00-0237	EA	6" Diameter, Pendant Mounted, Compact Fluorescent/Incandescent Downlight With Baffle	617.65	42.16
26 51 16 00-0238	EA	8" Diameter, Pendant Mounted, Compact Fluorescent/Incandescent Downlight With Baffle	888.27	42.16
26 51 16 00-0239		Pendant Mounted, Horizontal Indirect Fluorescent Fixtures *(26 51 16 00-0209)*		
26 51 16 00-0240	EA	1 T5HO Lamp, 4' Length, Pendent Mounted, Horizontal Indirect Fluorescent Fixture	314.72	42.16
26 51 16 00-0241	EA	2 T5HO Lamps, 4' Length, Pendent Mounted, Horizontal Indirect Fluorescent Fixture	334.98	42.16
26 51 16 00-0242	EA	3 T5HO Lamps, 4' Length, Pendent Mounted, Horizontal Indirect Fluorescent Fixture	401.73	42.16
26 51 16 00-0243	EA	2 T5HO Lamps, 8' Length, Pendent Mounted, Horizontal Indirect Fluorescent Fixture	417.39	42.16
26 51 16 00-0244	EA	4 T5HO Lamps, 8' Length, Pendent Mounted, Horizontal Indirect Fluorescent Fixture	500.18	42.16
26 51 16 00-0245	EA	6 T5HO Lamps, 8' Length, Pendent Mounted, Horizontal Indirect Fluorescent Fixture	597.76	42.16
26 51 16 00-0246		Fluorescent, Recessed Fixture Housings *(26 51 16)*		
26 51 16 00-0247	EA	4" Round, Fluorescent, T Or ICT Recessed Fixture Housing	143.00	36.70
		For ICAT Housing, Add	*11.33*	
26 51 16 00-0248	EA	5" Round, Fluorescent, T Or ICT Recessed Fixture Housing	147.79	36.70
		For ICAT Housing, Add	*11.95*	
26 51 16 00-0249	EA	6" Round, Fluorescent, T Or ICT Recessed Fixture Housing	153.98	38.36
		For ICAT Housing, Add	*12.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 16 00-0250	EA	7" Round, Fluorescent, T Or ICT Recessed Fixture Housing	161.81	39.77
		For ICAT Housing, Add	*13.09*	
26 51 16 00-0251	EA	8" Round, Fluorescent, T Or ICT Recessed Fixture Housing	168.65	41.83
		For ICAT Housing, Add	*13.65*	
26 51 16 00-0252	EA	10" To 12" Square, Fluorescent, T Or ICT Recessed Fixture Housing	174.68	44.39
		For ICAT Housing, Add	*13.93*	
26 51 16 00-0253		**Compact Fluorescent, Recessed Fixture Housings** *(26 51 16)*		
26 51 16 00-0254	EA	4" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing	163.59	36.70
		For ICAT Housing, Add	*13.98*	
26 51 16 00-0255	EA	5" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing	168.30	36.70
		For ICAT Housing, Add	*14.59*	
26 51 16 00-0256	EA	6" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing	174.64	38.49
		For ICAT Housing, Add	*15.08*	
26 51 16 00-0257	EA	7" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing	179.76	40.15
		For ICAT Housing, Add	*15.41*	
26 51 16 00-0258	EA	8" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing	185.65	41.83
		For ICAT Housing, Add	*15.84*	
26 51 16 00-0259	EA	10" To 12" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing	191.30	44.39
		For ICAT Housing, Add	*16.07*	
26 51 16 00-0260		**Fluorescent Track Lighting Fixtures** *(26 51 16)*		
26 51 16 00-0261	EA	2L 18W BX Track Fixture, Electronic Ballast Note: White or Black Finish, 120V.	303.24	21.42
26 51 16 00-0262	EA	2L 39W BX Track Fixture, Electronic Ballast Note: White or Black Finish, 120V.	312.00	21.42
26 51 16 00-0263	EA	2L 40W BX Track Fixture, Electronic Ballast Note: White or Black Finish, 120V.	317.47	21.42
26 51 16 00-0264	EA	2L 50W BX Track Fixture, Electronic Ballast Note: White or Black Finish, 120V.	196.34	21.42
26 51 16 00-0265	EA	2L, 55 Watt BX Track Fixture, Electronic Ballast Note: White or Black Finish, 120V.	338.93	21.42
26 51 16 00-0266		**Compact Fluorescent Track Lighting Fixtures** *(26 51 16)*		
26 51 16 00-0267	EA	Compact Fluorescent Track Lighting Fixture	104.69	21.42
26 51 16 00-0268		**Compact Fluorescent, Wet Location, Dust Resistant, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixtures** *(26 51 16)*		
26 51 16 00-0269	EA	13 Watt Compact Fluorescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	146.28	51.32
		For Wall Mounted, Add	*6.02*	
26 51 16 00-0270	EA	22 Watt Compact Fluorescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	149.97	51.32
		For Wall Mounted, Add	*6.02*	
26 51 16 00-0271	EA	28 Watt Compact Fluorescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	159.12	51.32
		For Wall Mounted, Add	*6.02*	
26 51 16 00-0272		**Wet Location, Dust Resistant, Vapor Tight, Enclosed And Gasketed, Industrial Fluorescent Fixtures** *(26 51 16)*		
26 51 16 00-0273		**4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixtures** *(26 51 16 00-0272)*		
26 51 16 00-0274		**4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixtures (Lithonia DMW)** *(26 51 16 00-0273)* Note: Includes high impact acrylic molded lens.		
26 51 16 00-0275	EA	1 T8 Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia DMW)	326.97	54.62
		For T5 Fixture Instead Of T8, Add	*28.04*	
26 51 16 00-0276	EA	2 T8 Lamps, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia DMW)	342.95	54.62
		For T5 Fixture Instead Of T8, Add	*29.87*	
26 51 16 00-0277	EA	3 T8 Lamps, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia DMW)	538.72	54.62
		For T5 Fixture Instead Of T8, Add	*52.29*	
26 51 16 00-0278	EA	1 T8HO Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia DMW)	464.15	54.62
26 51 16 00-0279	EA	2 T8HO Lamps, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia DMW)	748.81	54.62
26 51 16 00-0280		**4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixtures (Day-Brite V2W)** *(26 51 16 00-0273)* Note: Includes high impact acrylic molded lens.		
26 51 16 00-0281	EA	1 T8 Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Day-Brite V2W)	379.19	54.62
26 51 16 00-0282	EA	2 T8 Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Day-Brite V2W)	384.05	54.62
26 51 16 00-0283	EA	3 T8 Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Day-Brite V2W)	560.69	54.62
26 51 16 00-0284	EA	1 T8HO Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Day-Brite V2W)	463.00	54.62
26 51 16 00-0285	EA	2 T8HO Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Day-Brite V2W)	484.08	54.62
26 51 16 00-0286		**8' Length, Enclosed And Gasketed, Industrial Fluorescent Fixtures** *(26 51 16 00-0272)* Note: Includes high impact acrylic molded lens.		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 16 00-0287		8' Length, Enclosed And Gasketed, Industrial Fluorescent Fixtures (Lithonia TDMW) *(26 51 16 00-0286)*		
		Note: Includes high impact acrylic molded lens.		
26 51 16 00-0288	EA	2 T8 Lamps, 8' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia TDMW)	618.52	74.20
		For T5 Fixture Instead Of T8, Add	*58.07*	
26 51 16 00-0289	EA	4 T8 Lamps, 8' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia TDMW)	643.72	74.20
		For T5 Fixture Instead Of T8, Add	*60.95*	
26 51 16 00-0290		High Bay Fluorescent Fixtures *(26 51 16)*		
26 51 16 00-0291		(T8) Fluorescent, High Bay Fixtures *(26 51 16 00-0290)*		
26 51 16 00-0292		(T8) Fluorescent, High Bay Fixtures (Lithonia) *(26 51 16 00-0291)*		
		Note: For 8' fixture, use two (2) 4' fixtures.		
26 51 16 00-0293	EA	2 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	528.66	119.56
		For Wire Guard, Add	*40.50*	
		For Acrylic Lens, Add	*54.00*	
		For Polycarbonate Lens, Add	*47.75*	
26 51 16 00-0294	EA	3 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	553.71	132.46
		For Wire Guard, Add	*40.50*	
		For Acrylic Lens, Add	*54.00*	
		For Polycarbonate Lens, Add	*47.75*	
26 51 16 00-0295	EA	4 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	627.57	151.21
		For Wire Guard, Add	*40.50*	
		For Acrylic Lens, Add	*54.00*	
		For Polycarbonate Lens, Add	*47.75*	
26 51 16 00-0296	EA	6 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	753.59	159.30
		For Wire Guard, Add	*40.50*	
		For Acrylic Lens, Add	*54.00*	
		For Polycarbonate Lens, Add	*47.75*	
26 51 16 00-0297	EA	8 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	820.24	166.68
		For Wire Guard, Add	*40.50*	
		For Acrylic Lens, Add	*54.00*	
		For Polycarbonate Lens, Add	*47.75*	
26 51 16 00-0298	EA	4 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ)	467.63	151.21
		For Wire Guard, Add	*40.50*	
		For Acrylic Lens, Add	*54.00*	
		For Polycarbonate Lens, Add	*47.75*	
26 51 16 00-0299	EA	6 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ)	493.19	159.30
		For Wire Guard, Add	*40.50*	
		For Acrylic Lens, Add	*54.00*	
		For Polycarbonate Lens, Add	*47.75*	
26 51 16 00-0300	EA	8 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ)	564.15	166.68
		For Wire Guard, Add	*40.50*	
		For Acrylic Lens, Add	*54.00*	
		For Polycarbonate Lens, Add	*47.75*	
26 51 16 00-0301		(T5HO) Fluorescent, High Bay Fixtures *(26 51 16 00-0290)*		
26 51 16 00-0302		(T5HO) Fluorescent, High Bay Fixtures (Lithonia) *(26 51 16 00-0301)*		
		Note: For 8' fixture, use two (2) 4' fixtures.		
26 51 16 00-0303	EA	2 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	535.71	119.56
		For Wire Guard, Add	*40.50*	
		For Acrylic Lens, Add	*54.00*	
		For Polycarbonate Lens, Add	*47.75*	
26 51 16 00-0304	EA	3 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	561.43	132.46
		For Wire Guard, Add	*40.50*	
		For Acrylic Lens, Add	*54.00*	
		For Polycarbonate Lens, Add	*47.75*	
26 51 16 00-0305	EA	4 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	639.84	151.21
		For Wire Guard, Add	*40.50*	
		For Acrylic Lens, Add	*54.00*	
		For Polycarbonate Lens, Add	*47.75*	
26 51 16 00-0306	EA	6 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	777.24	159.30
		For Wire Guard, Add	*40.50*	
		For Acrylic Lens, Add	*54.00*	
		For Polycarbonate Lens, Add	*47.75*	
26 51 16 00-0307	EA	4 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ)	495.39	151.21
		For Wire Guard, Add	*40.50*	
		For Acrylic Lens, Add	*54.00*	
		For Polycarbonate Lens, Add	*47.75*	
26 51 16 00-0308	EA	6 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ)	547.46	159.30
		For Wire Guard, Add	*40.50*	
		For Acrylic Lens, Add	*54.00*	
		For Polycarbonate Lens, Add	*47.75*	
26 51 16 00-0309	EA	8 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ)	639.30	166.68
		For Wire Guard, Add	*40.50*	
		For Acrylic Lens, Add	*54.00*	
		For Polycarbonate Lens, Add	*47.75*	

26 51 19 LED Interior Lighting *(26 51)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0001		LED Fixtures *(26 51 19)*		
26 51 19 00-0002		Undercabinet LED Fixtures *(26 51 19 00-0001)*		
26 51 19 00-0003	EA	12" Length, Undercabinet/Modular General Purpose LED Fixture (Lithonia RAZ12-M6)	143.49	31.65
		For >50 To 100, Deduct	*-4.91*	
		For >100 To 250, Deduct	*-8.49*	
		For >250 To 500, Deduct	*-14.35*	
		For >500, Deduct	*-20.20*	
26 51 19 00-0004	EA	18" Length, Undercabinet/Modular General Purpose LED Fixture (Lithonia RAZ18-M6)	177.53	38.68
		For >50 To 100, Deduct	*-6.05*	
		For >100 To 250, Deduct	*-10.49*	
		For >250 To 500, Deduct	*-17.75*	
		For >500, Deduct	*-25.02*	
26 51 19 00-0005	EA	24" Length, Undercabinet/Modular General Purpose LED Fixture (Lithonia RAZ24-M6)	178.62	38.68
		For >50 To 100, Deduct	*-6.08*	
		For >100 To 250, Deduct	*-10.54*	
		For >250 To 500, Deduct	*-17.86*	
		For >500, Deduct	*-25.18*	
26 51 19 00-0006	EA	24" HIDE-A-LITE V Series LED Undercabinet Fixture (Progress Lighting P700003-028-30)	169.40	31.65
		For >50 To 100, Deduct	*-5.55*	
		For >100 To 250, Deduct	*-9.79*	
		For >250 To 500, Deduct	*-16.94*	
		For >500, Deduct	*-24.09*	
26 51 19 00-0007		Surface Mount Linear/Striplight LED Fixtures *(26 51 19 00-0001)*		
26 51 19 00-0008		Striplight LED Fixtures (Lithonia CLX) *(26 51 19 00-0007)*		
		Note: Standard efficiency, flat or round diffuse lens, 120-277 volt, 0-10 volt dimming, 3000K to 5000K color temperature, 80CRI		
26 51 19 00-0009	EA	2' Length, 1,500 Lumens, LED Striplight Fixture (Lithonia CLX)	222.44	35.16
		Note: With integral occupancy sensor		
26 51 19 00-0010	EA	2' Length, 2,000 Lumens, LED Striplight Fixture (Lithonia CLX)	228.38	35.16
		Note: With integral occupancy sensor		
26 51 19 00-0011	EA	4' Length, 3,000 Lumens, LED Striplight Fixture (Lithonia CLX)	263.89	42.90
		Note: With integral occupancy sensor		
26 51 19 00-0012	EA	4' Length, 4,000 Lumens, LED Striplight Fixture (Lithonia CLX)	269.84	42.90
		Note: With integral occupancy sensor		
26 51 19 00-0013	EA	4' Length, 5,000 Lumens, LED Striplight Fixture (Lithonia CLX)	275.79	42.90
		Note: With integral occupancy sensor		
26 51 19 00-0014	EA	4' Length, 7,000 Lumens, LED Striplight Fixture (Lithonia CLX)	281.73	42.90
		Note: With integral occupancy sensor		
26 51 19 00-0015	EA	4' Length, 9,000 Lumens, LED Striplight Fixture (Lithonia CLX)	287.69	42.90
		Note: With integral occupancy sensor		
26 51 19 00-0016	EA	8' Length, 6,000 Lumens, LED Striplight Fixture (Lithonia CLX)	367.80	50.75
		Note: With integral occupancy sensor		
26 51 19 00-0017	EA	8' Length, 8,000 Lumens, LED Striplight Fixture (Lithonia CLX)	379.69	50.75
		Note: With integral occupancy sensor		
26 51 19 00-0018	EA	8' Length, 10,000 Lumens, LED Striplight Fixture (Lithonia CLX)	393.07	50.75
		Note: With integral occupancy sensor		
26 51 19 00-0019	EA	8' Length, 14,000 Lumens, LED Striplight Fixture (Lithonia CLX)	404.97	50.75
		Note: With integral occupancy sensor		
26 51 19 00-0020	EA	8' Length, 18,000 Lumens, LED Striplight Fixture (Lithonia CLX)	418.35	50.75
		Note: With integral occupancy sensor		
26 51 19 00-0021	EA	8' Length, 20,000 Lumens, LED Striplight Fixture (Lithonia CLX)	430.25	50.75
		Note: With integral occupancy sensor		
26 51 19 00-0022		Striplight LED Fixtures (Lithonia ZL) *(26 51 19 00-0007)*		
26 51 19 00-0023	EA	3,000 Lumens, 2' Length, LED Striplight Fixture (Lithonia ZL1)	228.99	35.16
		For >50 To 100, Deduct	*-7.04*	
		For >100 To 250, Deduct	*-12.77*	
		For >250 To 500, Deduct	*-22.90*	
		For >500, Deduct	*-33.03*	
26 51 19 00-0024	EA	2,800 Lumens, 4' Length, LED Striplight Fixture (Lithonia ZL1)	240.71	42.90
		For >50 To 100, Deduct	*-7.63*	
		For >100 To 250, Deduct	*-13.65*	
		For >250 To 500, Deduct	*-24.07*	
		For >500, Deduct	*-34.49*	
26 51 19 00-0025	EA	1,400 Lumens, 2' Length, Lensed LED Striplight Fixture (Lithonia ZL2)	246.98	35.16
		For >50 To 100, Deduct	*-7.49*	
		For >100 To 250, Deduct	*-13.67*	
		For >250 To 500, Deduct	*-24.70*	
		For >500, Deduct	*-35.73*	
26 51 19 00-0026	EA	2,300 Lumens, 4' Length, Lensed LED Striplight Fixture (Lithonia ZL2)	258.70	42.90
		For >50 To 100, Deduct	*-8.08*	
		For >100 To 250, Deduct	*-14.55*	
		For >250 To 500, Deduct	*-25.87*	
		For >500, Deduct	*-37.19*	
26 51 19 00-0027	EA	4,600 Lumens, 4' Length, Lensed LED Striplight Fixture (Lithonia ZL2)	321.71	42.90
		For >50 To 100, Deduct	*-9.65*	
		For >100 To 250, Deduct	*-17.70*	
		For >250 To 500, Deduct	*-32.17*	
		For >500, Deduct	*-46.64*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0028		**Striplight LED Fixtures (Mobern)** *(26 51 19 00-0007)*		
26 51 19 00-0029	EA	1,100 Lumens, 12 Watt, 2' Length, Chrome, LED Bracket Fixture (Mobern 7924LED12DMV30)	228.30	35.16
		For >50 To 100, Deduct	*-7.03*	
		For >100 To 250, Deduct	*-12.73*	
		For >250 To 500, Deduct	*-22.83*	
		For >500, Deduct	*-32.93*	
26 51 19 00-0030		**Striplight LED Fixtures (Eaton)** *(26 51 19 00-0007)*		
26 51 19 00-0031	EA	2,301 Lumens, 18 Watt, 4' Length, LED Strip Lighting (Eaton Lighting 4SNLED-LD4-22SL-LC-UNV-L840-CD1-U)	290.31	42.90
		For >50 To 100, Deduct	*-8.87*	
		For >100 To 250, Deduct	*-16.13*	
		For >250 To 500, Deduct	*-29.03*	
		For >500, Deduct	*-41.94*	
26 51 19 00-0032	EA	2,382 Lumens, 16 Watt, 4' Length, LED Clear Lensed Striplight (Cooper Industries 4SNLED-LD5-22SL-LC-UNV-L840-CD1-U)	273.84	42.90
		For >50 To 100, Deduct	*-8.46*	
		For >100 To 250, Deduct	*-15.30*	
		For >250 To 500, Deduct	*-27.38*	
		For >500, Deduct	*-39.46*	
26 51 19 00-0033	EA	2,382 Lumens, 16 Watt, 4' Length, Clear Lens, LED Striplight (Cooper Industries Metalux Series 4SNLED-LD5-22SL-LC-UNV-830-CD1-U)	290.31	42.90
		For >50 To 100, Deduct	*-8.87*	
		For >100 To 250, Deduct	*-16.13*	
		For >250 To 500, Deduct	*-29.03*	
		For >500, Deduct	*-41.94*	
26 51 19 00-0034		**Lay-In/Troffer LED Fixtures** *(26 51 19 00-0001)*		
26 51 19 00-0035		**Prismatic Lensed, Lay-In/Troffer LED Fixtures** *(26 51 19 00-0034)*		
26 51 19 00-0036		**Prismatic Lensed, Lay-In/Troffer LED Fixtures (Lithonia)** *(26 51 19 00-0035)*		
26 51 19 00-0037	EA	1' x 4', 4,300 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (Lithonia TL4)	613.37	42.55
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*46.78*	
		For >50 To 100, Deduct	*-16.95*	
		For >100 To 250, Deduct	*-32.28*	
		For >250 To 500, Deduct	*-61.34*	
		For >500, Deduct	*-90.39*	
26 51 19 00-0038	EA	2' x 2', 3,300 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (Lithonia 2TL2)	339.59	46.88
		For Drywall Or Plaster Ceilings, Add	*31.65*	
		For >50 To 100, Deduct	*-10.25*	
		For >100 To 250, Deduct	*-18.74*	
		For >250 To 500, Deduct	*-33.96*	
		For >500, Deduct	*-49.18*	
26 51 19 00-0039	EA	2' x 4', 4,600 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (Lithonia 2TL4)	619.16	54.62
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*51.47*	
		For >50 To 100, Deduct	*-17.53*	
		For >100 To 250, Deduct	*-33.01*	
		For >250 To 500, Deduct	*-61.92*	
		For >500, Deduct	*-90.82*	
26 51 19 00-0040		**Prismatic Lensed, Lay-In/Troffer LED Fixtures (Lunera)** *(26 51 19 00-0035)*		
26 51 19 00-0041	EA	1' x 4', 3,200 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (Lunera® 14G4)	884.21	42.55
		For >50 To 100, Deduct	*-23.72*	
		For >100 To 250, Deduct	*-45.82*	
		For >250 To 500, Deduct	*-88.42*	
		For >500, Deduct	*-131.02*	
26 51 19 00-0042	EA	2' x 2', 3,200 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (Lunera® 22G5)	621.69	46.88
		For >50 To 100, Deduct	*-17.30*	
		For >100 To 250, Deduct	*-32.84*	
		For >250 To 500, Deduct	*-62.17*	
		For >500, Deduct	*-91.50*	
26 51 19 00-0043	EA	2' x 4', 4,175 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (Lunera® 24G4)	810.01	54.62
		For >50 To 100, Deduct	*-22.30*	
		For >100 To 250, Deduct	*-42.55*	
		For >250 To 500, Deduct	*-81.00*	
		For >500, Deduct	*-119.45*	
26 51 19 00-0044		**Prismatic Lensed, Lay-In/Troffer LED Fixtures (PlanLED)** *(26 51 19 00-0035)*		
26 51 19 00-0045	EA	2,591 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED FTB4E)	409.31	46.88
		For >50 To 100, Deduct	*-11.99*	
		For >100 To 250, Deduct	*-22.22*	
		For >250 To 500, Deduct	*-40.93*	
		For >500, Deduct	*-59.64*	
26 51 19 00-0046	EA	3,883 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED FTB4E)	453.04	46.88
		For >50 To 100, Deduct	*-13.08*	
		For >100 To 250, Deduct	*-24.41*	
		For >250 To 500, Deduct	*-45.30*	
		For >500, Deduct	*-66.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0047	EA	3,700 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED BL220-40)	385.25	46.88
		For >50 To 100, Deduct	*-11.39*	
		For >100 To 250, Deduct	*-21.02*	
		For >250 To 500, Deduct	*-38.53*	
		For >500, Deduct	*-56.03*	
26 51 19 00-0048	EA	4,200 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED BL220-45)	385.25	46.88
		For >50 To 100, Deduct	*-11.39*	
		For >100 To 250, Deduct	*-21.02*	
		For >250 To 500, Deduct	*-38.53*	
		For >500, Deduct	*-56.03*	
26 51 19 00-0049	EA	4,600 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED BL220-50)	413.68	46.88
		For >50 To 100, Deduct	*-12.10*	
		For >100 To 250, Deduct	*-22.44*	
		For >250 To 500, Deduct	*-41.37*	
		For >500, Deduct	*-60.29*	
26 51 19 00-0050		Volumetric, Lay-In/Troffer LED Fixtures *(26 51 19 00-0034)*		
26 51 19 00-0051		Volumetric, Lay-In/Troffer LED Fixtures (Lithonia) *(26 51 19 00-0050)*		
26 51 19 00-0052	EA	1' x 4', 3,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia RTL4)	514.53	42.55
		For Drywall Or Plaster Ceilings, Add	*29.01*	
		For >50 To 100, Deduct	*-14.48*	
		For >100 To 250, Deduct	*-27.34*	
		For >250 To 500, Deduct	*-51.45*	
		For >500, Deduct	*-75.57*	
26 51 19 00-0053	EA	1' x 4', 4,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia RTL4)	694.76	42.55
		For Drywall Or Plaster Ceilings, Add	*29.01*	
		For >50 To 100, Deduct	*-18.98*	
		For >100 To 250, Deduct	*-36.35*	
		For >250 To 500, Deduct	*-69.48*	
		For >500, Deduct	*-102.60*	
26 51 19 00-0054	EA	2' x 2', 2,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL2)	540.59	46.88
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*44.61*	
		For >50 To 100, Deduct	*-15.27*	
		For >100 To 250, Deduct	*-28.79*	
		For >250 To 500, Deduct	*-54.06*	
		For >500, Deduct	*-79.33*	
26 51 19 00-0055	EA	2' x 2', 3,300 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL2)	620.59	46.88
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*48.61*	
		For >50 To 100, Deduct	*-17.27*	
		For >100 To 250, Deduct	*-32.79*	
		For >250 To 500, Deduct	*-62.06*	
		For >500, Deduct	*-91.33*	
26 51 19 00-0056	EA	2' x 2', 4,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL2)	684.60	46.88
		For >50 To 100, Deduct	*-18.87*	
		For >100 To 250, Deduct	*-35.99*	
		For >250 To 500, Deduct	*-68.46*	
		For >500, Deduct	*-100.93*	
26 51 19 00-0057	EA	2' x 4', 4,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL4)	696.33	54.62
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*55.33*	
		For >50 To 100, Deduct	*-19.46*	
		For >100 To 250, Deduct	*-36.87*	
		For >250 To 500, Deduct	*-69.63*	
		For >500, Deduct	*-102.40*	
26 51 19 00-0058	EA	2' x 4', 4,800 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL4)	760.33	54.62
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*58.53*	
		For >50 To 100, Deduct	*-21.06*	
		For >100 To 250, Deduct	*-40.07*	
		For >250 To 500, Deduct	*-76.03*	
		For >500, Deduct	*-112.00*	
26 51 19 00-0059	EA	2' x 4', 6,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL4)	824.34	54.62
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*61.73*	
		For >50 To 100, Deduct	*-22.66*	
		For >100 To 250, Deduct	*-43.27*	
		For >250 To 500, Deduct	*-82.43*	
		For >500, Deduct	*-121.60*	
26 51 19 00-0060	EA	2' x 2', 2,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture With Acrylic Linear Prismatic Diffuser (Lithonia 2VTL2)	476.60	46.88
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*41.41*	
		For >50 To 100, Deduct	*-13.67*	
		For >100 To 250, Deduct	*-25.59*	
		For >250 To 500, Deduct	*-47.66*	
		For >500, Deduct	*-69.73*	
26 51 19 00-0061	EA	2' x 2', 3,300 Lumens, Volumetric, Lay-In/Troffer LED Fixture With Acrylic Linear Prismatic Diffuser (Lithonia 2VTL2)	556.59	46.88
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*45.41*	
		For >50 To 100, Deduct	*-15.67*	
		For >100 To 250, Deduct	*-29.59*	
		For >250 To 500, Deduct	*-55.66*	
		For >500, Deduct	*-81.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0062	EA	2' x 2', 4,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture With Acrylic Linear Prismatic Diffuser (Lithonia 2VTL2)	604.59	46.88
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*47.81*	
		For >50 To 100, Deduct	*-16.87*	
		For >100 To 250, Deduct	*-31.99*	
		For >250 To 500, Deduct	*-60.46*	
		For >500, Deduct	*-88.93*	
26 51 19 00-0063	EA	2' x 4', 3,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture With Acrylic Linear Prismatic Diffuser (Lithonia 2VTL4)	600.33	54.62
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*50.53*	
		For >50 To 100, Deduct	*-17.06*	
		For >100 To 250, Deduct	*-32.07*	
		For >250 To 500, Deduct	*-60.03*	
		For >500, Deduct	*-88.00*	
26 51 19 00-0064	EA	2' x 4', 4,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture With Acrylic Linear Prismatic Diffuser (Lithonia 2VTL4)	632.32	54.62
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*52.13*	
		For >50 To 100, Deduct	*-17.86*	
		For >100 To 250, Deduct	*-33.67*	
		For >250 To 500, Deduct	*-63.23*	
		For >500, Deduct	*-92.80*	
26 51 19 00-0065	EA	2' x 4', 4,800 Lumens, Volumetric, Lay-In/Troffer LED Fixture With Acrylic Linear Prismatic Diffuser (Lithonia 2VTL4)	696.33	54.62
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*55.33*	
		For >50 To 100, Deduct	*-19.46*	
		For >100 To 250, Deduct	*-36.87*	
		For >250 To 500, Deduct	*-69.63*	
		For >500, Deduct	*-102.40*	

26 51 19 00-0066 Architectural, Lay-In/Troffer LED Fixtures *(26 51 19 00-0034)*

26 51 19 00-0067 Architectural, Lay-In/Troffer LED Fixtures (Lithonia) *(26 51 19 00-0066)*

Note: Includes 4,000K color temperature, 120/277 voltage and steel housing assembly. Excludes sensors.

26 51 19 00-0068	EA	2,100 Lumens, 1' x 4', Architectural, Lay-In/Troffer LED Fixture (Lithonia ALL4)	383.98	54.62
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*39.71*	
		For >50 To 100, Deduct	*-11.65*	
		For >100 To 250, Deduct	*-21.25*	
		For >250 To 500, Deduct	*-38.40*	
		For >500, Deduct	*-55.55*	
26 51 19 00-0069	EA	4,300 Lumens, 1' x 4', Architectural, Lay-In/Troffer LED Fixture (Lithonia ALL4)	448.27	54.62
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*42.93*	
		For >50 To 100, Deduct	*-13.26*	
		For >100 To 250, Deduct	*-24.47*	
		For >250 To 500, Deduct	*-44.83*	
		For >500, Deduct	*-65.19*	
26 51 19 00-0070	EA	6,400 Lumens, 1' x 4', Architectural, Lay-In/Troffer LED Fixture (Lithonia ALL4)	506.14	54.62
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*45.82*	
		For >50 To 100, Deduct	*-14.71*	
		For >100 To 250, Deduct	*-27.36*	
		For >250 To 500, Deduct	*-50.61*	
		For >500, Deduct	*-73.87*	

26 51 19 00-0071 Architectural, Lay-In/Troffer LED Fixtures (CREE® CR Series) *(26 51 19 00-0066)*

Note: Includes 3,000K, 3,500 or 4,000K color temperature, 120/277 voltage and 20 gauge steel housing assembly. Excludes sensors.

26 51 19 00-0072	EA	1' x 4', 2,200 Lumens, Architectural, Lay-In/Troffer LED Fixture (Cree® CR14™)	489.75	54.62
		For Expanded Size Junction Box For Through Wiring, Add	*5.20*	
		For Drywall Or Plaster Ceilings, Add	*152.57*	
		For Surface Mount, Add	*265.04*	
		For >50 To 100, Deduct	*-14.30*	
		For >100 To 250, Deduct	*-26.54*	
		For >250 To 500, Deduct	*-48.98*	
		For >500, Deduct	*-71.41*	
26 51 19 00-0073	EA	1' x 4', 3,100 Lumens, Architectural, Lay-In/Troffer LED Fixture (Cree® CR14™)	528.71	54.62
		For Expanded Size Junction Box For Through Wiring, Add	*5.20*	
		For Drywall Or Plaster Ceilings, Add	*152.57*	
		For Surface Mount, Add	*265.04*	
		For >50 To 100, Deduct	*-15.27*	
		For >100 To 250, Deduct	*-28.49*	
		For >250 To 500, Deduct	*-52.87*	
		For >500, Deduct	*-77.26*	
26 51 19 00-0074	EA	1' x 4', 4,000 Lumens, Architectural, Lay-In/Troffer LED Fixture (Cree® CR14™)	528.71	54.62
		For Expanded Size Junction Box For Through Wiring, Add	*5.20*	
		For Drywall Or Plaster Ceilings, Add	*152.57*	
		For Surface Mount, Add	*265.04*	
		For >50 To 100, Deduct	*-15.27*	
		For >100 To 250, Deduct	*-28.49*	
		For >250 To 500, Deduct	*-52.87*	
		For >500, Deduct	*-77.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0075	EA	1' x 4', 5,000 Lumens, Architectural, Lay-In/Troffer LED Fixture (Cree® CR14™)	586.23	54.62
		For Expanded Size Junction Box For Through Wiring, Add	*5.20*	
		For Drywall Or Plaster Ceilings, Add	*152.57*	
		For Surface Mount, Add	*265.04*	
		For >50 To 100, Deduct	*-16.71*	
		For >100 To 250, Deduct	*-31.36*	
		For >250 To 500, Deduct	*-58.62*	
		For >500, Deduct	*-85.88*	
26 51 19 00-0076	EA	2' x 2', 2,000 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR22™) Note: CCT 30K to 50K	455.97	46.88
		For Expanded Size Junction Box For Through Wiring, Add	*5.20*	
		For Drywall Or Plaster Ceilings, Add	*133.42*	
		For Surface Mount, Add	*249.71*	
		For >50 To 100, Deduct	*-13.16*	
		For >100 To 250, Deduct	*-24.56*	
		For >250 To 500, Deduct	*-45.60*	
		For >500, Deduct	*-66.64*	
26 51 19 00-0077	EA	2' x 2', 3,200 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR22™) Note: CCT 30K to 50K	429.77	46.88
		For Expanded Size Junction Box For Through Wiring, Add	*5.20*	
		For Drywall Or Plaster Ceilings, Add	*133.42*	
		For Surface Mount, Add	*249.71*	
		For >50 To 100, Deduct	*-12.50*	
		For >100 To 250, Deduct	*-23.25*	
		For >250 To 500, Deduct	*-42.98*	
		For >500, Deduct	*-62.71*	
26 51 19 00-0078	EA	2' x 4', 2,200 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR24™) Note: CCT 30K to 50K	511.36	54.62
		For Expanded Size Junction Box For Through Wiring, Add	*5.20*	
		For Drywall Or Plaster Ceilings, Add	*156.28*	
		For Surface Mount, Add	*289.16*	
		For >50 To 100, Deduct	*-14.84*	
		For >100 To 250, Deduct	*-27.62*	
		For >250 To 500, Deduct	*-51.14*	
		For >500, Deduct	*-74.65*	
26 51 19 00-0079	EA	2' x 4', 3,100 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR24™) Note: CCT 30K to 50K	528.71	54.62
		For Expanded Size Junction Box For Through Wiring, Add	*5.20*	
		For Drywall Or Plaster Ceilings, Add	*156.28*	
		For Surface Mount, Add	*289.16*	
		For >50 To 100, Deduct	*-15.27*	
		For >100 To 250, Deduct	*-28.49*	
		For >250 To 500, Deduct	*-52.87*	
		For >500, Deduct	*-77.26*	
26 51 19 00-0080	EA	2' x 4', 4,000 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR24™) Note: CCT 30K to 50K	528.71	54.62
		For Expanded Size Junction Box For Through Wiring, Add	*5.20*	
		For Drywall Or Plaster Ceilings, Add	*156.28*	
		For Surface Mount, Add	*289.16*	
		For >50 To 100, Deduct	*-15.27*	
		For >100 To 250, Deduct	*-28.49*	
		For >250 To 500, Deduct	*-52.87*	
		For >500, Deduct	*-77.26*	
26 51 19 00-0081	EA	2' x 4', 4,000 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR24 LHE™) Note: CCT 30K to 50K	675.29	54.62
		For Expanded Size Junction Box For Through Wiring, Add	*5.20*	
		For Drywall Or Plaster Ceilings, Add	*156.28*	
		For Surface Mount, Add	*289.16*	
		For >50 To 100, Deduct	*-18.93*	
		For >100 To 250, Deduct	*-35.82*	
		For >250 To 500, Deduct	*-67.53*	
		For >500, Deduct	*-99.24*	
26 51 19 00-0082	EA	2' x 4', 5,000 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR24™) Note: CCT 30K to 50K	586.23	54.62
		For Expanded Size Junction Box For Through Wiring, Add	*5.20*	
		For Drywall Or Plaster Ceilings, Add	*156.28*	
		For Surface Mount, Add	*289.16*	
		For >50 To 100, Deduct	*-16.71*	
		For >100 To 250, Deduct	*-31.36*	
		For >250 To 500, Deduct	*-58.62*	
		For >500, Deduct	*-85.88*	
26 51 19 00-0083		Architectural, Lay-In/Troffer LED Fixtures (Metalux®) *(26 51 19 00-0066)* Note: Includes 3,000K, 3,500 or 4,000K color temperature, 120/277 voltage and code gauge steel housing assembly. Excludes sensors.		
26 51 19 00-0084	EA	2' x 2', 2,500 Lumens, Architectural, Lay-In/Troffer LED Fixture (Metalux® Accord™ 2AC)	276.31	46.88
		For >50 To 100, Deduct	*-8.67*	
		For >100 To 250, Deduct	*-15.57*	
		For >250 To 500, Deduct	*-27.63*	
		For >500, Deduct	*-39.69*	
26 51 19 00-0085	EA	2' x 4', 4,700 Lumens, Architectural, Lay-In/Troffer LED Fixture (Metalux® Accord™ 2AC)	365.76	54.62
		For >50 To 100, Deduct	*-11.20*	
		For >100 To 250, Deduct	*-20.34*	
		For >250 To 500, Deduct	*-36.58*	
		For >500, Deduct	*-52.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0086		Architectural, Lay-In/Troffer LED Fixtures (Finelite) *(26 51 19 00-0066)*		
		Note: Includes 3,000K color temperature, 120/277 voltage and 20 gauge steel housing assembly. Excludes sensors.		
26 51 19 00-0087	EA	2' x 2', 4,301 Lumens, Architectural, Lay-In/Troffer LED Fixture (Finelite HPR LED A 2x2)	409.90	46.88
		For >50 To 100, Deduct	*-12.01*	
		For >100 To 250, Deduct	*-22.25*	
		For >250 To 500, Deduct	*-40.99*	
		For >500, Deduct	*-59.73*	
26 51 19 00-0088	EA	2' x 4', 4,671 Lumens, Architectural, Lay-In/Troffer LED Fixture (Finelite HPR LED A 2x2)	555.81	55.09
		For >50 To 100, Deduct	*-15.95*	
		For >100 To 250, Deduct	*-29.84*	
		For >250 To 500, Deduct	*-55.58*	
		For >500, Deduct	*-81.32*	
26 51 19 00-0089		Shadow Box Style, Lay-In/Troffer LED Fixtures *(26 51 19 00-0034)*		
26 51 19 00-0090		Shadow Box Style, Lay-In/Troffer LED Fixtures (Lithonia SBSL) *(26 51 19 00-0089)*		
26 51 19 00-0091	EA	2' x 2', 3,300 Lumens, Shadow Box Style, Lay-In/Troffer LED Fixture (Lithonia 2SBSL2)	651.54	46.88
		For Drywall Or Plaster Ceilings, Add	*31.65*	
		For >50 To 100, Deduct	*-18.05*	
		For >100 To 250, Deduct	*-34.34*	
		For >250 To 500, Deduct	*-65.15*	
		For >500, Deduct	*-95.97*	
26 51 19 00-0092	EA	2' x 4', 4,600 Lumens, Shadow Box Style, Lay-In/Troffer LED Fixture (Lithonia 2SBSL4)	889.04	54.62
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*64.97*	
		For >50 To 100, Deduct	*-24.28*	
		For >100 To 250, Deduct	*-46.50*	
		For >250 To 500, Deduct	*-88.90*	
		For >500, Deduct	*-131.30*	
26 51 19 00-0093		Panel Type, Lay-In/Troffer LED Fixtures *(26 51 19 00-0034)*		
26 51 19 00-0094		Panel Type, Lay-In/Troffer LED Fixtures (PlanLED Galaxy) *(26 51 19 00-0093)*		
26 51 19 00-0095	EA	1' x 4', 3,100 Lumens, Panel Type, Lay-In/Troffer LED Fixture (PlanLED Galaxy GL140-34)	444.60	54.62
		For >50 To 100, Deduct	*-13.17*	
		For >100 To 250, Deduct	*-24.28*	
		For >250 To 500, Deduct	*-44.46*	
		For >500, Deduct	*-64.64*	
26 51 19 00-0096	EA	2' x 2', 3,100 Lumens, Panel Type, Lay-In/Troffer LED Fixture (PlanLED Galaxy GL220-34)	461.95	54.62
		For >50 To 100, Deduct	*-13.60*	
		For >100 To 250, Deduct	*-25.15*	
		For >250 To 500, Deduct	*-46.20*	
		For >500, Deduct	*-67.24*	
26 51 19 00-0097	EA	2' x 4', 4,000 Lumens, Panel Type, Lay-In/Troffer LED Fixture (PlanLED Galaxy GL240-40)	577.02	54.62
		For >50 To 100, Deduct	*-16.48*	
		For >100 To 250, Deduct	*-30.90*	
		For >250 To 500, Deduct	*-57.70*	
		For >500, Deduct	*-84.50*	
26 51 19 00-0098	EA	2' x 4', 5,000 Lumens, Panel Type, Lay-In/Troffer LED Fixture (PlanLED Galaxy GL240-52)	577.02	54.62
		For >50 To 100, Deduct	*-16.48*	
		For >100 To 250, Deduct	*-30.90*	
		For >250 To 500, Deduct	*-57.70*	
		For >500, Deduct	*-84.50*	
26 51 19 00-0099		Panel Type, Lay-In/Troffer LED Fixtures (Sylvania) *(26 51 19 00-0093)*		
26 51 19 00-0100	EA	1' x 4', 3,300 Lumens, 32 Watt, LED Edge Lite Panel (Sylvania PANELF1A/032UNVD840/14G/WH)	234.63	54.62
		For Surface Mounting Kit (Sylvania SMKIT1A/14A/WH), Add	*57.00*	
		For >50 To 100, Deduct	*-7.92*	
		For >100 To 250, Deduct	*-13.78*	
		For >250 To 500, Deduct	*-23.46*	
		For >500, Deduct	*-33.14*	
26 51 19 00-0101	EA	2' x 2', 3,500 Lumens, 32 Watt, LED Edge Lite Panel (Sylvania PANELF1A/032UNVD840/22G/WH)	242.07	54.62
		For >50 To 100, Deduct	*-8.10*	
		For >100 To 250, Deduct	*-14.15*	
		For >250 To 500, Deduct	*-24.21*	
		For >500, Deduct	*-34.26*	
26 51 19 00-0102	EA	2' x 4', 3,300 Lumens, 32 Watt, LED Edge Lite Panel (Sylvania PANELF1A/032UNVD840/24G/WH)	245.47	54.62
		For Surface Mounting Kit (Sylvania SMKIT1A/24A/WH)	*71.25*	
		For >50 To 100, Deduct	*-8.19*	
		For >100 To 250, Deduct	*-14.32*	
		For >250 To 500, Deduct	*-24.55*	
		For >500, Deduct	*-34.77*	
26 51 19 00-0103	EA	2' x 4', 3,300 Lumens, 32 Watt, 3500K CCT, LED Edge Lite Panel With Kit (Sylvania PANELF1A/032UNVD835/24G/WH_SMKIT1A/24A/WH)	566.56	54.62
		For >50 To 100, Deduct	*-16.22*	
		For >100 To 250, Deduct	*-30.38*	
		For >250 To 500, Deduct	*-56.66*	
		For >500, Deduct	*-82.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0104		**Surface Mount LED Fixtures** *(26 51 19 00-0001)*		
26 51 19 00-0105		**Surface Mount, Volumetric LED Fixtures (Lithonia STL)** *(26 51 19 00-0104)*		
26 51 19 00-0106	EA	2' Length, 2,200 Lumens, Surface Mount, Volumetric LED Fixture (Lithonia STL2)	335.38	35.16
		For >50 To 100, Deduct	*-9.70*	
		For >100 To 250, Deduct	*-18.09*	
		For >250 To 500, Deduct	*-33.54*	
		For >500, Deduct	*-48.99*	
26 51 19 00-0107	EA	4' Length, 3,000 Lumens, Surface Mount, Volumetric LED Fixture (Lithonia STL4)	303.56	42.90
		For >50 To 100, Deduct	*-9.20*	
		For >100 To 250, Deduct	*-16.79*	
		For >250 To 500, Deduct	*-30.36*	
		For >500, Deduct	*-43.92*	
26 51 19 00-0108	EA	4' Length, 4,000 Lumens, Surface Mount, Volumetric LED Fixture (Lithonia STL4)	340.34	42.90
		For >50 To 100, Deduct	*-10.12*	
		For >100 To 250, Deduct	*-18.63*	
		For >250 To 500, Deduct	*-34.03*	
		For >500, Deduct	*-49.44*	
26 51 19 00-0109		**Surface Mount, Wraparound LED Fixtures (Lithonia LBL)** *(26 51 19 00-0104)*		
26 51 19 00-0110	EA	2' Length, 2,000 Lumens, Surface Mount, Wraparound LED Fixture (Lithonia LBL2)	282.15	35.16
		For >50 To 100, Deduct	*-8.37*	
		For >100 To 250, Deduct	*-15.43*	
		For >250 To 500, Deduct	*-28.22*	
		For >500, Deduct	*-41.00*	
26 51 19 00-0111	EA	4' Length, 4,000 Lumens, Surface Mount, Wraparound LED Fixture (Lithonia LBL4)	370.76	42.90
		For >50 To 100, Deduct	*-10.88*	
		For >100 To 250, Deduct	*-20.15*	
		For >250 To 500, Deduct	*-37.08*	
		For >500, Deduct	*-54.00*	
26 51 19 00-0112		**Surface Mount, Shadow Box Style LED Fixtures** *(26 51 19 00-0104)*		
26 51 19 00-0113		**Surface Mount, Shadow Box Style LED Fixtures (Lithonia SBSLX)** *(26 51 19 00-0112)*		
26 51 19 00-0114	EA	2' x 2', 3,300 Lumens, Surface Mount, Shadow Box Style LED Fixture (Lithonia 2SBSLX2)	836.06	46.88
		For >50 To 100, Deduct	*-22.66*	
		For >100 To 250, Deduct	*-43.56*	
		For >250 To 500, Deduct	*-83.61*	
		For >500, Deduct	*-123.65*	
26 51 19 00-0115	EA	2' x 4', 4,600 Lumens, Surface Mount, Shadow Box Style LED Fixture (Lithonia 2SBSLX4)	1,073.56	54.62
		For >50 To 100, Deduct	*-28.89*	
		For >100 To 250, Deduct	*-55.73*	
		For >250 To 500, Deduct	*-107.36*	
		For >500, Deduct	*-158.98*	
26 51 19 00-0116		**Surface Mount, Low Profile Fixtures** *(26 51 19 00-0104)*		
26 51 19 00-0117	EA	6" Diameter, 993 Lumens, Low Profile Surface Mount, LED Fixture (RP Lighting - 8538-90)	111.30	32.13
		For >50 To 100, Deduct	*-4.39*	
		For >100 To 250, Deduct	*-7.17*	
		For >250 To 500, Deduct	*-11.13*	
		For >500, Deduct	*-15.09*	
26 51 19 00-0118	EA	6" Diameter, 1,215 Lumens, Low Profile Surface Mount, LED Fixture (RP Lighting - 8569)	90.87	32.13
		For >50 To 100, Deduct	*-3.88*	
		For >100 To 250, Deduct	*-6.15*	
		For >250 To 500, Deduct	*-9.09*	
		For >500, Deduct	*-12.02*	
26 51 19 00-0119	EA	13" Diameter, 1,400 Lumens, Low Profile Surface Mount, LED Fixture (RP Lighting - 4329)	154.19	32.13
		For >50 To 100, Deduct	*-5.46*	
		For >100 To 250, Deduct	*-9.32*	
		For >250 To 500, Deduct	*-15.42*	
		For >500, Deduct	*-21.52*	
26 51 19 00-0120	EA	15" Diameter, 2,100 Lumens, Low Profile Surface Mount, LED Fixture (RP Lighting 4330)	186.88	32.13
		For >50 To 100, Deduct	*-6.28*	
		For >100 To 250, Deduct	*-10.95*	
		For >250 To 500, Deduct	*-18.69*	
		For >500, Deduct	*-26.43*	
26 51 19 00-0121		**Recessed LED Downlights** *(26 51 19 00-0001)*		
26 51 19 00-0122		**Recessed LED Downlights** *(26 51 19 00-0121)*		
26 51 19 00-0123		**Recessed LED Downlights (Lithonia)** *(26 51 19 00-0122)*		
		Note: Includes housing and trim.		
26 51 19 00-0124	EA	8" Diameter, 1,200 Lumens, Recessed LED Downlight With Open Trim (Lithonia DOM8 LED)	384.03	56.45
		For Dimming Driver And Sensor Switch nLight Dimming Relay, Add	*79.17*	
		For >50 To 100, Deduct	*-11.72*	
		For >100 To 250, Deduct	*-21.32*	
		For >250 To 500, Deduct	*-38.40*	
		For >500, Deduct	*-55.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0125	EA	8" Diameter, 1,500 Lumens, Recessed LED Downlight With Open Trim (Lithonia DOM8 LED)	416.18	56.45
		For Dimming Driver And Sensor Switch nLight Dimming Relay, Add	*79.17*	
		For >50 To 100, Deduct	*-12.52*	
		For >100 To 250, Deduct	*-22.93*	
		For >250 To 500, Deduct	*-41.62*	
		For >500, Deduct	*-60.31*	

26 51 19 00-0126 Recessed LED Downlights (Portfolio®) *(26 51 19 00-0122)*

Note: Includes housing and trim.

26 51 19 00-0127	EA	4" Diameter, 1,300 Lumens, Recessed LED Downlight With Open Trim (Portfolio® LD413)	247.30	56.45
		For >50 To 100, Deduct	*-8.30*	
		For >100 To 250, Deduct	*-14.48*	
		For >250 To 500, Deduct	*-24.73*	
		For >500, Deduct	*-34.98*	

26 51 19 00-0128 Recessed LED Downlights (Gotham® EVO®) *(26 51 19 00-0122)*

Note: Includes housing and trim.

26 51 19 00-0129	EA	6" Diameter, 1,800 Lumens, Recessed LED Downlight With Open Trim (Gotham® EVO® ALED)	316.01	56.45
		For >50 To 100, Deduct	*-10.02*	
		For >100 To 250, Deduct	*-17.92*	
		For >250 To 500, Deduct	*-31.60*	
		For >500, Deduct	*-45.28*	
26 51 19 00-0130	EA	6" Diameter, 1,800 Lumens, Recessed LED Shower Downlight With Non-Conductive Regressed Lens (Gotham® EVO® ALED)	325.90	56.45
		For >50 To 100, Deduct	*-10.26*	
		For >100 To 250, Deduct	*-18.41*	
		For >250 To 500, Deduct	*-32.59*	
		For >500, Deduct	*-46.77*	
26 51 19 00-0131	EA	6" Diameter, 1,800 Lumens, Recessed LED Wallwash Downlight With Specular Reflector Trim (Gotham® EVO® DLWLED)	366.48	56.45
		For >50 To 100, Deduct	*-11.28*	
		For >100 To 250, Deduct	*-20.44*	
		For >250 To 500, Deduct	*-36.65*	
		For >500, Deduct	*-52.86*	
26 51 19 00-0132	EA	6" Diameter, 1,800 Lumens, Decorative Recessed LED Downlight With Glass Drop Luminous Ring (Gotham® EVO® ALED)	370.45	56.45
		For >50 To 100, Deduct	*-11.38*	
		For >100 To 250, Deduct	*-20.64*	
		For >250 To 500, Deduct	*-37.05*	
		For >500, Deduct	*-53.45*	
26 51 19 00-0133	EA	6" Diameter, 1,800 Lumens, Vandal Resistant, Recessed LED Downlight With Tempered Prismatic Lens (Gotham® EVO® VRALED)	405.08	56.45
		For >50 To 100, Deduct	*-12.24*	
		For >100 To 250, Deduct	*-22.37*	
		For >250 To 500, Deduct	*-40.51*	
		For >500, Deduct	*-58.65*	

26 51 19 00-0134 Recessed LED Downlights (Lightolier) *(26 51 19 00-0122)*

Note: Includes housing and trim.

26 51 19 00-0135	EA	4" Diameter, 500 Lumens, Recessed LED Downlight With Open Trim (Lightolier C4L05DL)	625.26	56.45
		For >50 To 100, Deduct	*-17.75*	
		For >100 To 250, Deduct	*-33.38*	
		For >250 To 500, Deduct	*-62.53*	
		For >500, Deduct	*-91.67*	
26 51 19 00-0136	EA	4" Diameter, 1,000 Lumens, Recessed LED Downlight With Open Trim (Lightolier C4L10DL)	733.65	56.45
		For >50 To 100, Deduct	*-20.46*	
		For >100 To 250, Deduct	*-38.80*	
		For >250 To 500, Deduct	*-73.37*	
		For >500, Deduct	*-107.93*	
26 51 19 00-0137	EA	6" Diameter, 1,500 Lumens, Recessed LED Downlight With Open Trim (Lightolier C6L1520DL)	787.73	56.45
		For >50 To 100, Deduct	*-21.81*	
		For >100 To 250, Deduct	*-41.50*	
		For >250 To 500, Deduct	*-78.77*	
		For >500, Deduct	*-116.04*	
26 51 19 00-0138	EA	6" Diameter, 2,000 Lumens, Recessed LED Downlight With Open Trim (Lightolier C6L1520DL)	787.73	56.45
		For >50 To 100, Deduct	*-21.81*	
		For >100 To 250, Deduct	*-41.50*	
		For >250 To 500, Deduct	*-78.77*	
		For >500, Deduct	*-116.04*	
26 51 19 00-0139	EA	7" Diameter, 1,500 Lumens, Recessed LED Downlight With Open Trim (Lightolier C7L1520DL)	814.89	56.45
		For >50 To 100, Deduct	*-22.49*	
		For >100 To 250, Deduct	*-42.86*	
		For >250 To 500, Deduct	*-81.49*	
		For >500, Deduct	*-120.12*	
26 51 19 00-0140	EA	7" Diameter, 2,000 Lumens, Recessed LED Downlight With Open Trim (Lightolier C7L1520DL)	842.07	56.45
		For >50 To 100, Deduct	*-23.17*	
		For >100 To 250, Deduct	*-44.22*	
		For >250 To 500, Deduct	*-84.21*	
		For >500, Deduct	*-124.19*	

26 51 19 00-0141 Recessed LED Downlights (Cooper) *(26 51 19 00-0122)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0142	EA	600 Lumens, 2700K CCT, LED Downlight (Cooper Halo ML5606827)	156.59	56.45
		For >50 To 100, Deduct	*-6.03*	
		For >100 To 250, Deduct	*-9.95*	
		For >250 To 500, Deduct	*-15.66*	
		For >500, Deduct	*-21.37*	
26 51 19 00-0143	EA	600 Lumens, 3000K CCT, LED Downlight (Cooper Halo ML5606830)	156.59	56.45
		For >50 To 100, Deduct	*-6.03*	
		For >100 To 250, Deduct	*-9.95*	
		For >250 To 500, Deduct	*-15.66*	
		For >500, Deduct	*-21.37*	
26 51 19 00-0144	EA	600 Lumens, 3500K CCT, LED Downlight (Cooper Halo ML5606835)	156.59	56.45
		For >50 To 100, Deduct	*-6.03*	
		For >100 To 250, Deduct	*-9.95*	
		For >250 To 500, Deduct	*-15.66*	
		For >500, Deduct	*-21.37*	
26 51 19 00-0145	EA	600 Lumens, 4000K CCT, LED Downlight (Cooper Halo ML5606840)	156.59	56.45
		For >50 To 100, Deduct	*-6.03*	
		For >100 To 250, Deduct	*-9.95*	
		For >250 To 500, Deduct	*-15.66*	
		For >500, Deduct	*-21.37*	
26 51 19 00-0146	EA	900 Lumens, 2700K CCT, LED Downlight (Cooper Halo ML5609827)	159.27	56.45
		For >50 To 100, Deduct	*-6.10*	
		For >100 To 250, Deduct	*-10.08*	
		For >250 To 500, Deduct	*-15.93*	
		For >500, Deduct	*-21.77*	
26 51 19 00-0147	EA	900 Lumens, 3000K CCT, LED Downlight (Cooper Halo ML5609830)	159.27	56.45
		For >50 To 100, Deduct	*-6.10*	
		For >100 To 250, Deduct	*-10.08*	
		For >250 To 500, Deduct	*-15.93*	
		For >500, Deduct	*-21.77*	
26 51 19 00-0148	EA	900 Lumens, 3500K CCT, LED Downlight (Cooper Halo ML5609835)	159.27	56.45
		For >50 To 100, Deduct	*-6.10*	
		For >100 To 250, Deduct	*-10.08*	
		For >250 To 500, Deduct	*-15.93*	
		For >500, Deduct	*-21.77*	
26 51 19 00-0149	EA	900 Lumens, 4000K CCT, LED Downlight (Cooper Halo ML5609840)	159.27	56.45
		For >50 To 100, Deduct	*-6.10*	
		For >100 To 250, Deduct	*-10.08*	
		For >250 To 500, Deduct	*-15.93*	
		For >500, Deduct	*-21.77*	
26 51 19 00-0150	EA	1,200 Lumens, 2700K CCT, LED Downlight (Cooper Halo ML5612827)	195.58	56.45
		For >50 To 100, Deduct	*-7.01*	
		For >100 To 250, Deduct	*-11.90*	
		For >250 To 500, Deduct	*-19.56*	
		For >500, Deduct	*-27.22*	
26 51 19 00-0151	EA	1,200 Lumens, 3000K CCT, LED Downlight (Cooper Halo ML5612830)	193.74	56.45
		For >50 To 100, Deduct	*-6.96*	
		For >100 To 250, Deduct	*-11.80*	
		For >250 To 500, Deduct	*-19.37*	
		For >500, Deduct	*-26.94*	
26 51 19 00-0152	EA	1,200 Lumens, 3500K CCT, LED Downlight (Cooper Halo ML5612835)	193.74	56.45
		For >50 To 100, Deduct	*-6.96*	
		For >100 To 250, Deduct	*-11.80*	
		For >250 To 500, Deduct	*-19.37*	
		For >500, Deduct	*-26.94*	
26 51 19 00-0153	EA	1,200 Lumens, 4000K CCT, LED Downlight (Cooper Halo ML5612840)	193.74	56.45
		For >50 To 100, Deduct	*-6.96*	
		For >100 To 250, Deduct	*-11.80*	
		For >250 To 500, Deduct	*-19.37*	
		For >500, Deduct	*-26.94*	
26 51 19 00-0154	EA	5" LED Trim, Polymer Dead-Front, Shallow White Baffle And Flange (Cooper Halo 591WB)	91.56	17.96
		For >50 To 100, Deduct	*-2.96*	
		For >100 To 250, Deduct	*-5.25*	
		For >250 To 500, Deduct	*-9.16*	
		For >500, Deduct	*-13.06*	
26 51 19 00-0155	EA	5" LED Trim, Specular Reflector And White Flange (Cooper Halo 592SC)	58.33	17.96
		For >50 To 100, Deduct	*-2.13*	
		For >100 To 250, Deduct	*-3.59*	
		For >250 To 500, Deduct	*-5.83*	
		For >500, Deduct	*-8.08*	
26 51 19 00-0156	EA	5" LED Trim, Haze Reflector And White Flange (Cooper Halo 592H)	72.63	17.96
		For >50 To 100, Deduct	*-2.49*	
		For >100 To 250, Deduct	*-4.31*	
		For >250 To 500, Deduct	*-7.26*	
		For >500, Deduct	*-10.22*	
26 51 19 00-0157	EA	5" LED Trim, White Reflector And Flange (Cooper Halo 592W)	61.21	17.96
		For >50 To 100, Deduct	*-2.20*	
		For >100 To 250, Deduct	*-3.73*	
		For >250 To 500, Deduct	*-6.12*	
		For >500, Deduct	*-8.51*	
26 51 19 00-0158	EA	5" LED Trim, White Micro-Step Baffle And Flange (Cooper Halo 593WB)	49.52	17.96
		For >50 To 100, Deduct	*-1.91*	
		For >100 To 250, Deduct	*-3.15*	
		For >250 To 500, Deduct	*-4.95*	
		For >500, Deduct	*-6.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0159	EA	5" LED Trim, Black Micro-Step Baffle And White Flange (Cooper Halo 593BB)	60.69	17.96
		For >50 To 100, Deduct	*-2.19*	
		For >100 To 250, Deduct	*-3.71*	
		For >250 To 500, Deduct	*-6.07*	
		For >500, Deduct	*-8.43*	
26 51 19 00-0160	EA	5" LED Trim, Satin Nickel Micro-Step Baffle And Flange (Cooper Halo 593SNB)	67.49	17.96
		For >50 To 100, Deduct	*-2.36*	
		For >100 To 250, Deduct	*-4.05*	
		For >250 To 500, Deduct	*-6.75*	
		For >500, Deduct	*-9.45*	
26 51 19 00-0161	EA	5" LED Trim, Tuscan Bronze Micro-Step Baffle And Flange (Cooper Halo 593TBZB)	73.56	17.96
		For >50 To 100, Deduct	*-2.51*	
		For >100 To 250, Deduct	*-4.35*	
		For >250 To 500, Deduct	*-7.36*	
		For >500, Deduct	*-10.36*	
26 51 19 00-0162	EA	5" LED Directional Trim, White eyeball, Baffle And Flange (Cooper Halo 594WB)	85.40	17.96
		For >50 To 100, Deduct	*-2.81*	
		For >100 To 250, Deduct	*-4.94*	
		For >250 To 500, Deduct	*-8.54*	
		For >500, Deduct	*-12.14*	
26 51 19 00-0163	EA	5" LED Directional Trim, Satin Nickel eyeball, Baffle And Flange (Cooper Halo 594SNB)	85.78	17.96
		For >50 To 100, Deduct	*-2.82*	
		For >100 To 250, Deduct	*-4.96*	
		For >250 To 500, Deduct	*-8.58*	
		For >500, Deduct	*-12.19*	
26 51 19 00-0164	EA	5" LED Directional Trim, Tuscan Bronze eyeball, Baffle And Flange (Cooper Halo 594TBZB)	84.08	17.96
		For >50 To 100, Deduct	*-2.78*	
		For >100 To 250, Deduct	*-4.88*	
		For >250 To 500, Deduct	*-8.41*	
		For >500, Deduct	*-11.94*	
26 51 19 00-0165	EA	5" LED Trim, Wall Wash - Specular reflector, repositionable Specular kick reflector, White Flange (Cooper Halo 595WW)	103.51	17.96
		For >50 To 100, Deduct	*-3.26*	
		For >100 To 250, Deduct	*-5.85*	
		For >250 To 500, Deduct	*-10.35*	
		For >500, Deduct	*-14.85*	
26 51 19 00-0166	EA	5" LED Trim, White Shallow Baffle And Flange (Cooper Halo 596WB)	49.93	17.96
		For >50 To 100, Deduct	*-1.92*	
		For >100 To 250, Deduct	*-3.17*	
		For >250 To 500, Deduct	*-4.99*	
		For >500, Deduct	*-6.82*	
26 51 19 00-0167	EA	6" LED Trim, Polymer Dead-Front, White Shallow Baffle And Flange (Cooper Halo 691WB)	88.72	17.96
		For >50 To 100, Deduct	*-2.89*	
		For >100 To 250, Deduct	*-5.11*	
		For >250 To 500, Deduct	*-8.87*	
		For >500, Deduct	*-12.63*	
26 51 19 00-0168	EA	6" LED Trim, Specular Reflector And White Flange (Cooper Halo 692SC)	75.64	17.96
		For >50 To 100, Deduct	*-2.56*	
		For >100 To 250, Deduct	*-4.46*	
		For >250 To 500, Deduct	*-7.56*	
		For >500, Deduct	*-10.67*	
26 51 19 00-0169	EA	6" LED Trim, Haze Reflector And White Flange (Cooper Halo 692H)	71.05	17.96
		For >50 To 100, Deduct	*-2.45*	
		For >100 To 250, Deduct	*-4.23*	
		For >250 To 500, Deduct	*-7.11*	
		For >500, Deduct	*-9.98*	
26 51 19 00-0170	EA	6" LED Trim, White Reflector And Flange (Cooper Halo 692W)	63.49	17.96
		For >50 To 100, Deduct	*-2.26*	
		For >100 To 250, Deduct	*-3.85*	
		For >250 To 500, Deduct	*-6.35*	
		For >500, Deduct	*-8.85*	
26 51 19 00-0171	EA	6" LED Trim, White Micro-Step Baffle And Flange (Cooper Halo 693WB)	64.03	17.96
		For >50 To 100, Deduct	*-2.27*	
		For >100 To 250, Deduct	*-3.88*	
		For >250 To 500, Deduct	*-6.40*	
		For >500, Deduct	*-8.93*	
26 51 19 00-0172	EA	6" LED Trim, Black Micro-Step Baffle And White Flange (Cooper Halo 693BB)	68.89	17.96
		For >50 To 100, Deduct	*-2.40*	
		For >100 To 250, Deduct	*-4.12*	
		For >250 To 500, Deduct	*-6.89*	
		For >500, Deduct	*-9.66*	
26 51 19 00-0173	EA	6" LED Trim, Satin Nickel Micro-Step Baffle And Flange (Cooper Halo 693SNB)	63.19	17.96
		For >50 To 100, Deduct	*-2.25*	
		For >100 To 250, Deduct	*-3.83*	
		For >250 To 500, Deduct	*-6.32*	
		For >500, Deduct	*-8.80*	
26 51 19 00-0174	EA	6" LED Trim, Tuscan Bronze Micro-Step Baffle And Flange (Cooper Halo 693TBZB)	78.67	17.96
		For >50 To 100, Deduct	*-2.64*	
		For >100 To 250, Deduct	*-4.61*	
		For >250 To 500, Deduct	*-7.87*	
		For >500, Deduct	*-11.13*	
26 51 19 00-0175	EA	6" LED Directional Trim, White eyeball, Baffle And Flange (Cooper Halo 694WB)	85.20	17.96
		For >50 To 100, Deduct	*-2.80*	
		For >100 To 250, Deduct	*-4.93*	
		For >250 To 500, Deduct	*-8.52*	
		For >500, Deduct	*-12.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0176	EA	6" LED Directional Trim, Satin Nickel eyeball, Baffle And Flange (Cooper Halo 694SNB)	106.91	17.96
		For >50 To 100, Deduct	*-3.35*	
		For >100 To 250, Deduct	*-6.02*	
		For >250 To 500, Deduct	*-10.69*	
		For >500, Deduct	*-15.36*	
26 51 19 00-0177	EA	6" LED Directional Trim, Tuscan Bronze eyeball, Baffle And Flange (Cooper Halo 694TBZB)	104.19	17.96
		For >50 To 100, Deduct	*-3.28*	
		For >100 To 250, Deduct	*-5.88*	
		For >250 To 500, Deduct	*-10.42*	
		For >500, Deduct	*-14.95*	
26 51 19 00-0178	EA	6" LED Trim, Wall Wash - Specular reflector, repositionable Specular kick reflector, White Flange (Cooper Halo 695WW)	105.39	17.96
		For >50 To 100, Deduct	*-3.31*	
		For >100 To 250, Deduct	*-5.94*	
		For >250 To 500, Deduct	*-10.54*	
		For >500, Deduct	*-15.13*	
26 51 19 00-0179	EA	6" LED Trim, White Shallow Baffle And Flange (Cooper Halo 696WB)	64.69	17.96
		For >50 To 100, Deduct	*-2.29*	
		For >100 To 250, Deduct	*-3.91*	
		For >250 To 500, Deduct	*-6.47*	
		For >500, Deduct	*-9.03*	
26 51 19 00-0180	EA	6" LED, Insulated Ceiling, Air-Tite, New Construction Housing (Cooper Halo H750ICAT)	63.57	38.49
		For >50 To 100, Deduct	*-3.03*	
		For >100 To 250, Deduct	*-4.62*	
		For >250 To 500, Deduct	*-6.36*	
		For >500, Deduct	*-8.09*	
26 51 19 00-0181	EA	6" LED, Insulated Ceiling, Air-Tite, Remodel Housing (Cooper Halo H750RICAT)	68.88	38.49
		For >50 To 100, Deduct	*-3.17*	
		For >100 To 250, Deduct	*-4.89*	
		For >250 To 500, Deduct	*-6.89*	
		For >500, Deduct	*-8.89*	
26 51 19 00-0182	EA	6" LED, Non-IC, Air-Tite, New Construction Housing (Cooper Halo H750T)	66.75	38.49
		For >50 To 100, Deduct	*-3.11*	
		For >100 To 250, Deduct	*-4.78*	
		For >250 To 500, Deduct	*-6.68*	
		For >500, Deduct	*-8.57*	
26 51 19 00-0183	EA	6" LED, Non-IC, New Construction/Remodel Chicago Plenum Housing (Cooper Halo H750TCP)	87.70	38.49
		For >50 To 100, Deduct	*-3.64*	
		For >100 To 250, Deduct	*-5.83*	
		For >250 To 500, Deduct	*-8.77*	
		For >500, Deduct	*-11.71*	
26 51 19 00-0184	EA	6" LED, Shallow, Insulated Ceiling, Air-Tite, New Constr. (Cooper Halo H2750ICAT)	85.24	38.49
		For >50 To 100, Deduct	*-3.57*	
		For >100 To 250, Deduct	*-5.71*	
		For >250 To 500, Deduct	*-8.52*	
		For >500, Deduct	*-11.34*	
26 51 19 00-0185	EA	6" Insulated Ceiling, Air-Tite New Construction Housing (Cooper Halo H7ICAT)	69.61	38.49
		For >50 To 100, Deduct	*-3.18*	
		For >100 To 250, Deduct	*-4.92*	
		For >250 To 500, Deduct	*-6.96*	
		For >500, Deduct	*-9.00*	
26 51 19 00-0186	EA	6" Insulated Ceiling, Air-Tite Remodel Housing (Cooper Halo H7RICAT)	73.19	38.49
		For >50 To 100, Deduct	*-3.27*	
		For >100 To 250, Deduct	*-5.10*	
		For >250 To 500, Deduct	*-7.32*	
		For >500, Deduct	*-9.54*	
26 51 19 00-0187	EA	6" Insulated Ceiling, New Construction Housing (Cooper Halo H7ICT)	68.86	38.49
		For >50 To 100, Deduct	*-3.16*	
		For >100 To 250, Deduct	*-4.89*	
		For >250 To 500, Deduct	*-6.89*	
		For >500, Deduct	*-8.89*	
26 51 19 00-0188	EA	6" Insulated Ceiling, Remodel Housing (Cooper Halo H7RICT)	72.78	38.49
		For >50 To 100, Deduct	*-3.26*	
		For >100 To 250, Deduct	*-5.08*	
		For >250 To 500, Deduct	*-7.28*	
		For >500, Deduct	*-9.47*	
26 51 19 00-0189	EA	6" Insulated Ceiling, Air-Tite New Construction Housing, No Socket Bracket (Cooper Halo H7ICATNB)	69.51	38.49
		For >50 To 100, Deduct	*-3.18*	
		For >100 To 250, Deduct	*-4.92*	
		For >250 To 500, Deduct	*-6.95*	
		For >500, Deduct	*-8.98*	
26 51 19 00-0190	EA	6" Insulated Ceiling, New Construction Housing, No Socket Bracket (Cooper Halo H7ICTNB)	69.14	38.49
		For >50 To 100, Deduct	*-3.17*	
		For >100 To 250, Deduct	*-4.90*	
		For >250 To 500, Deduct	*-6.91*	
		For >500, Deduct	*-8.93*	
26 51 19 00-0191	EA	6" Non-IC, New Construction Housing (Cooper Halo H7T)	71.97	38.49
		For >50 To 100, Deduct	*-3.24*	
		For >100 To 250, Deduct	*-5.04*	
		For >250 To 500, Deduct	*-7.20*	
		For >500, Deduct	*-9.35*	
26 51 19 00-0192	EA	6" Non-IC, Remodel Housing (Cooper Halo H7RT)	73.51	38.49
		For >50 To 100, Deduct	*-3.28*	
		For >100 To 250, Deduct	*-5.12*	
		For >250 To 500, Deduct	*-7.35*	
		For >500, Deduct	*-9.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0193	EA	6" Non-IC, New Construction Housing, No Socket Bracket (Cooper Halo H7TNB)	74.00	38.49
		For >50 To 100, Deduct	*-3.29*	
		For >100 To 250, Deduct	*-5.14*	
		For >250 To 500, Deduct	*-7.40*	
		For >500, Deduct	*-9.66*	
26 51 19 00-0194	EA	6" Non-IC, Chicago Plenum, New Construction/Remodel Housing (Cooper Halo H7TCP)	97.73	38.49
		For >50 To 100, Deduct	*-3.89*	
		For >100 To 250, Deduct	*-6.33*	
		For >250 To 500, Deduct	*-9.77*	
		For >500, Deduct	*-13.22*	
26 51 19 00-0195	EA	6" Insulated Ceiling, Universal New Construction Housing (Cooper Halo H7UICT)	91.77	38.49
		For >50 To 100, Deduct	*-3.74*	
		For >100 To 250, Deduct	*-6.03*	
		For >250 To 500, Deduct	*-9.18*	
		For >500, Deduct	*-12.32*	
26 51 19 00-0196	EA	6" Insulated Ceiling, Universal, Air-Tite, New Construction Housing (Cooper Halo H7UICAT)	92.46	38.49
		For >50 To 100, Deduct	*-3.75*	
		For >100 To 250, Deduct	*-6.07*	
		For >250 To 500, Deduct	*-9.25*	
		For >500, Deduct	*-12.43*	
26 51 19 00-0197	EA	6" Insulated Ceiling, Air-Tite New Construction Housing (Cooper Halo EI700AT)	96.44	38.49
		For >50 To 100, Deduct	*-3.85*	
		For >100 To 250, Deduct	*-6.27*	
		For >250 To 500, Deduct	*-9.64*	
		For >500, Deduct	*-13.02*	
26 51 19 00-0198	EA	6" Insulated Ceiling, Air-Tite Remodel Housing (Cooper Halo EI700RAT)	96.44	38.49
		For >50 To 100, Deduct	*-3.85*	
		For >100 To 250, Deduct	*-6.27*	
		For >250 To 500, Deduct	*-9.64*	
		For >500, Deduct	*-13.02*	
26 51 19 00-0199	EA	6" Insulated Ceiling, New Construction Housing (Cooper Halo EI700)	96.44	38.49
		For >50 To 100, Deduct	*-3.85*	
		For >100 To 250, Deduct	*-6.27*	
		For >250 To 500, Deduct	*-9.64*	
		For >500, Deduct	*-13.02*	
26 51 19 00-0200	EA	6" Insulated Ceiling, Remodel Housing (Cooper Halo EI700R)	96.44	38.49
		For >50 To 100, Deduct	*-3.85*	
		For >100 To 250, Deduct	*-6.27*	
		For >250 To 500, Deduct	*-9.64*	
		For >500, Deduct	*-13.02*	
26 51 19 00-0201	EA	6" Insulated Ceiling, Air-Tite New Construction Housing, No Socket Bracket (Cooper Halo EI700ATNB)	96.44	38.49
		For >50 To 100, Deduct	*-3.85*	
		For >100 To 250, Deduct	*-6.27*	
		For >250 To 500, Deduct	*-9.64*	
		For >500, Deduct	*-13.02*	
26 51 19 00-0202	EA	6" Insulated Ceiling, New Construction Housing, No Socket Bracket (Cooper Halo EI700NB)	86.03	38.49
		For >50 To 100, Deduct	*-3.59*	
		For >100 To 250, Deduct	*-5.74*	
		For >250 To 500, Deduct	*-8.60*	
		For >500, Deduct	*-11.46*	
26 51 19 00-0203	EA	6" Insulated Ceiling, Universal New Construction Housing (Cooper Halo EI700U)	86.03	38.49
		For >50 To 100, Deduct	*-3.59*	
		For >100 To 250, Deduct	*-5.74*	
		For >250 To 500, Deduct	*-8.60*	
		For >500, Deduct	*-11.46*	
26 51 19 00-0204	EA	6" Insulated Ceiling, Universal, Air-Tite, New Construction Housing (Cooper Halo EI700UAT)	86.03	38.49
		For >50 To 100, Deduct	*-3.59*	
		For >100 To 250, Deduct	*-5.74*	
		For >250 To 500, Deduct	*-8.60*	
		For >500, Deduct	*-11.46*	
26 51 19 00-0205	EA	6" Non-IC, New Construction Housing (Cooper Halo ET700)	86.03	38.49
		For >50 To 100, Deduct	*-3.59*	
		For >100 To 250, Deduct	*-5.74*	
		For >250 To 500, Deduct	*-8.60*	
		For >500, Deduct	*-11.46*	
26 51 19 00-0206	EA	6" Non-IC, Remodel Housing (Cooper Halo ET700R)	86.03	38.49
		For >50 To 100, Deduct	*-3.59*	
		For >100 To 250, Deduct	*-5.74*	
		For >250 To 500, Deduct	*-8.60*	
		For >500, Deduct	*-11.46*	
26 51 19 00-0207	EA	6" Shallow, Insulated Ceiling, Air-Tite New Construction (Cooper Halo H27ICAT)	86.79	38.49
		For >50 To 100, Deduct	*-3.61*	
		For >100 To 250, Deduct	*-5.78*	
		For >250 To 500, Deduct	*-8.68*	
		For >500, Deduct	*-11.58*	
26 51 19 00-0208	EA	6" Shallow, Insulated Ceiling, Air-Tite Remodel Housing (Cooper Halo H27RICAT)	98.49	38.49
		For >50 To 100, Deduct	*-3.91*	
		For >100 To 250, Deduct	*-6.37*	
		For >250 To 500, Deduct	*-9.85*	
		For >500, Deduct	*-13.33*	
26 51 19 00-0209	EA	6" Shallow, Insulated Ceiling, New Construction Housing (Cooper Halo H27ICT)	86.79	38.49
		For >50 To 100, Deduct	*-3.61*	
		For >100 To 250, Deduct	*-5.78*	
		For >250 To 500, Deduct	*-8.68*	
		For >500, Deduct	*-11.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0210	EA	6" Shallow, Insulated Ceiling, Remodel Housing (Cooper Halo H27RICT)	95.18	38.49
		For >50 To 100, Deduct	*-3.82*	
		For >100 To 250, Deduct	*-6.20*	
		For >250 To 500, Deduct	*-9.52*	
		For >500, Deduct	*-12.83*	
26 51 19 00-0211	EA	6" Shallow, Non-IC, New Construction Housing (Cooper Halo H27T)	82.05	38.49
		For >50 To 100, Deduct	*-3.49*	
		For >100 To 250, Deduct	*-5.55*	
		For >250 To 500, Deduct	*-8.21*	
		For >500, Deduct	*-10.86*	
26 51 19 00-0212	EA	6" Shallow, Non-IC, Remodel Housing (Cooper Halo H27RT)	83.20	38.49
		For >50 To 100, Deduct	*-3.52*	
		For >100 To 250, Deduct	*-5.60*	
		For >250 To 500, Deduct	*-8.32*	
		For >500, Deduct	*-11.04*	
26 51 19 00-0213	EA	6" Shallow, Insulated Ceiling, Air-Tite New Construction (Cooper Halo EI2700AT)	91.38	38.49
		For >50 To 100, Deduct	*-3.73*	
		For >100 To 250, Deduct	*-6.01*	
		For >250 To 500, Deduct	*-9.14*	
		For >500, Deduct	*-12.26*	
26 51 19 00-0214	EA	6" Shallow, Insulated Ceiling, New Construction Housing (Cooper Halo EI2700)	91.38	38.49
		For >50 To 100, Deduct	*-3.73*	
		For >100 To 250, Deduct	*-6.01*	
		For >250 To 500, Deduct	*-9.14*	
		For >500, Deduct	*-12.26*	
26 51 19 00-0215	EA	6" Shallow, Insulated Ceiling, Air-Tite Remodel Housing (Cooper Halo EI2700R)	91.38	38.49
		For >50 To 100, Deduct	*-3.73*	
		For >100 To 250, Deduct	*-6.01*	
		For >250 To 500, Deduct	*-9.14*	
		For >500, Deduct	*-12.26*	
26 51 19 00-0216	EA	6" Shallow, Non-IC, New Construction Housing (Cooper Halo ET2700)	91.38	38.49
		For >50 To 100, Deduct	*-3.73*	
		For >100 To 250, Deduct	*-6.01*	
		For >250 To 500, Deduct	*-9.14*	
		For >500, Deduct	*-12.26*	
26 51 19 00-0217	EA	6" Shallow, Non-IC, Remodel Housing (Cooper Halo ET2700R)	91.38	38.49
		For >50 To 100, Deduct	*-3.73*	
		For >100 To 250, Deduct	*-6.01*	
		For >250 To 500, Deduct	*-9.14*	
		For >500, Deduct	*-12.26*	
26 51 19 00-0218	EA	6" Retrofit Enclosure, Non-IC, BX Whip (Cooper Halo ML7BXRFK)	73.32	17.96
		For >50 To 100, Deduct	*-2.51*	
		For >100 To 250, Deduct	*-4.34*	
		For >250 To 500, Deduct	*-7.33*	
		For >500, Deduct	*-10.32*	
26 51 19 00-0219	EA	6" Retrofit Enclosure, Non-IC, E26 Screw base Interface (Cooper Halo ML7E26RFK)	75.70	17.96
		For >50 To 100, Deduct	*-2.57*	
		For >100 To 250, Deduct	*-4.46*	
		For >250 To 500, Deduct	*-7.57*	
		For >500, Deduct	*-10.68*	
26 51 19 00-0220	EA	5" LED, Insulated Ceiling, Air-Tite, New Construction Housing (Cooper Halo H550ICAT)	76.87	38.49
		For >50 To 100, Deduct	*-3.37*	
		For >100 To 250, Deduct	*-5.29*	
		For >250 To 500, Deduct	*-7.69*	
		For >500, Deduct	*-10.09*	
26 51 19 00-0221	EA	5" LED, Insulated Ceiling, Air-Tite, Remodel Housing (Cooper Halo H550RICAT)	77.16	38.49
		For >50 To 100, Deduct	*-3.37*	
		For >100 To 250, Deduct	*-5.30*	
		For >250 To 500, Deduct	*-7.72*	
		For >500, Deduct	*-10.13*	
26 51 19 00-0222	EA	5" Insulated Ceiling, Air-Tite New Construction Housing (Cooper Halo H5ICAT)	72.22	38.49
		For >50 To 100, Deduct	*-3.25*	
		For >100 To 250, Deduct	*-5.05*	
		For >250 To 500, Deduct	*-7.22*	
		For >500, Deduct	*-9.39*	
26 51 19 00-0223	EA	5" Insulated Ceiling, Air-Tite Remodel Housing (Cooper Halo H5RICAT)	74.65	38.49
		For >50 To 100, Deduct	*-3.31*	
		For >100 To 250, Deduct	*-5.18*	
		For >250 To 500, Deduct	*-7.47*	
		For >500, Deduct	*-9.75*	
26 51 19 00-0224	EA	5" Non-IC, New Construction Housing (Cooper Halo H5T)	73.85	38.49
		For >50 To 100, Deduct	*-3.29*	
		For >100 To 250, Deduct	*-5.14*	
		For >250 To 500, Deduct	*-7.39*	
		For >500, Deduct	*-9.63*	
26 51 19 00-0225	EA	5" Non-IC, Remodel Housing (Cooper Halo H5RT)	74.59	38.49
		For >50 To 100, Deduct	*-3.31*	
		For >100 To 250, Deduct	*-5.17*	
		For >250 To 500, Deduct	*-7.46*	
		For >500, Deduct	*-9.75*	
26 51 19 00-0226	EA	5" Insulated Ceiling, Air-Tite New Construction Housing (Cooper Halo EI500AT)	84.99	38.49
		For >50 To 100, Deduct	*-3.57*	
		For >100 To 250, Deduct	*-5.69*	
		For >250 To 500, Deduct	*-8.50*	
		For >500, Deduct	*-11.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0227	EA	5" Insulated Ceiling, Air-Tite Remodel Housing (Cooper Halo EI500RAT)	85.55	38.49
		For >50 To 100, Deduct	*-3.58*	
		For >100 To 250, Deduct	*-5.72*	
		For >250 To 500, Deduct	*-8.56*	
		For >500, Deduct	*-11.39*	
26 51 19 00-0228	EA	5" Non-IC, New Construction Housing (Cooper Halo ET500)	88.35	38.49
		For >50 To 100, Deduct	*-3.65*	
		For >100 To 250, Deduct	*-5.86*	
		For >250 To 500, Deduct	*-8.84*	
		For >500, Deduct	*-11.81*	
26 51 19 00-0229	EA	5" Non-IC, Remodel Housing (Cooper Halo ET500R)	90.31	38.49
		For >50 To 100, Deduct	*-3.70*	
		For >100 To 250, Deduct	*-5.96*	
		For >250 To 500, Deduct	*-9.03*	
		For >500, Deduct	*-12.10*	
26 51 19 00-0230	EA	5" Shallow, Insulated Ceiling, Air-Tite New Construction (Cooper Halo H25ICAT)	98.92	38.49
		For >50 To 100, Deduct	*-3.92*	
		For >100 To 250, Deduct	*-6.39*	
		For >250 To 500, Deduct	*-9.89*	
		For >500, Deduct	*-13.39*	

26 51 19 00-0231 Recessed LED Downlights (Maxlite DLR) *(26 51 19 00-0122)*

26 51 19 00-0232	EA	4" Diameter, 1,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR410)	183.17	56.45
		For >50 To 100, Deduct	*-6.70*	
		For >100 To 250, Deduct	*-11.28*	
		For >250 To 500, Deduct	*-18.32*	
		For >500, Deduct	*-25.36*	
26 51 19 00-0233	EA	4" Diameter, 1,500 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR415)	185.70	56.45
		For >50 To 100, Deduct	*-6.76*	
		For >100 To 250, Deduct	*-11.40*	
		For >250 To 500, Deduct	*-18.57*	
		For >500, Deduct	*-25.74*	
26 51 19 00-0234	EA	4" Diameter, 2,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR420)	193.28	56.45
		For >50 To 100, Deduct	*-6.95*	
		For >100 To 250, Deduct	*-11.78*	
		For >250 To 500, Deduct	*-19.33*	
		For >500, Deduct	*-26.88*	
26 51 19 00-0235	EA	6" Diameter, 1,500 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR615)	178.11	56.45
		For >50 To 100, Deduct	*-6.57*	
		For >100 To 250, Deduct	*-11.02*	
		For >250 To 500, Deduct	*-17.81*	
		For >500, Deduct	*-24.60*	
26 51 19 00-0236	EA	6" Diameter, 2,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR620)	178.11	56.45
		For >50 To 100, Deduct	*-6.57*	
		For >100 To 250, Deduct	*-11.02*	
		For >250 To 500, Deduct	*-17.81*	
		For >500, Deduct	*-24.60*	
26 51 19 00-0237	EA	6" Diameter, 3,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR630)	178.11	56.45
		For >50 To 100, Deduct	*-6.57*	
		For >100 To 250, Deduct	*-11.02*	
		For >250 To 500, Deduct	*-17.81*	
		For >500, Deduct	*-24.60*	
26 51 19 00-0238	EA	8" Diameter, 1,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR810)	193.28	56.45
		For >50 To 100, Deduct	*-6.95*	
		For >100 To 250, Deduct	*-11.78*	
		For >250 To 500, Deduct	*-19.33*	
		For >500, Deduct	*-26.88*	
26 51 19 00-0239	EA	8" Diameter, 1,500 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR815)	195.80	56.45
		For >50 To 100, Deduct	*-7.01*	
		For >100 To 250, Deduct	*-11.91*	
		For >250 To 500, Deduct	*-19.58*	
		For >500, Deduct	*-27.25*	
26 51 19 00-0240	EA	8" Diameter, 2,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR820)	200.84	56.45
		For >50 To 100, Deduct	*-7.14*	
		For >100 To 250, Deduct	*-12.16*	
		For >250 To 500, Deduct	*-20.08*	
		For >500, Deduct	*-28.01*	
26 51 19 00-0241	EA	8" Diameter, 3,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR830)	215.99	56.45
		For >50 To 100, Deduct	*-7.52*	
		For >100 To 250, Deduct	*-12.92*	
		For >250 To 500, Deduct	*-21.60*	
		For >500, Deduct	*-30.28*	
26 51 19 00-0242	EA	8" Diameter, 5,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR850)	236.20	56.45
		For >50 To 100, Deduct	*-8.02*	
		For >100 To 250, Deduct	*-13.93*	
		For >250 To 500, Deduct	*-23.62*	
		For >500, Deduct	*-33.31*	

26 51 19 00-0243 Recessed LED Downlight Retrofits And Trim (CREE®) *(26 51 19 00-0121)*

26 51 19 00-0244 Recessed LED Downlight Retrofits (CREE®) *(26 51 19 00-0243)*

Note: Dimmable to 5%. For installation in standard recessed IC or non-IC housings. Includes removal of existing lamp from fixture. Excludes housing and disposal of hazardous lamps.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0245	EA	4" Diameter, 575 Lumens, Recessed LED Downlight Retrofit (Cree® CR4-575L)	112.85	
		For >50 To 100, Deduct	*-3.62*	
		For >100 To 250, Deduct	*-6.44*	
		For >250 To 500, Deduct	*-11.29*	
		For >500, Deduct	*-16.13*	
26 51 19 00-0246	EA	6" Diameter, 625 Lumens, Recessed LED Downlight Retrofit (Cree® CR6-625L)	99.75	
		For >50 To 100, Deduct	*-3.30*	
		For >100 To 250, Deduct	*-5.79*	
		For >250 To 500, Deduct	*-9.98*	
		For >500, Deduct	*-14.16*	
26 51 19 00-0247	EA	6" Diameter, 800 Lumens, Recessed LED Downlight Retrofit (Cree® CR6-800L)	125.95	
		For >50 To 100, Deduct	*-3.95*	
		For >100 To 250, Deduct	*-7.10*	
		For >250 To 500, Deduct	*-12.60*	
		For >500, Deduct	*-18.09*	
26 51 19 00-0248	EA	6" Diameter, 650 Lumens, Recessed LED Downlight Retrofit (Cree® LR6C-277)	141.22	
		For >50 To 100, Deduct	*-4.33*	
		For >100 To 250, Deduct	*-7.86*	
		For >250 To 500, Deduct	*-14.12*	
		For >500, Deduct	*-20.38*	
26 51 19 00-0249	EA	6" Diameter, 1,000 Lumens, Deep Recessed LED Downlight Retrofit (Cree® LR6-10L-XXX-120V-A-DR)	154.32	
		For >50 To 100, Deduct	*-4.66*	
		For >100 To 250, Deduct	*-8.52*	
		For >250 To 500, Deduct	*-15.43*	
		For >500, Deduct	*-22.35*	

26 51 19 00-0250 Recessed LED Downlight Retrofits Trim (CREE®) *(26 51 19 00-0243)*

Note: For installation in standard recessed IC or non-IC housings. Excludes housing and lamp.

26 51 19 00-0251	EA	6" Diameter, Diffuse Anodized Finish Reflector For LED Downlight Retrofits (Cree® CT6AX)	41.06	8.98
		For >50 To 100, Deduct	*-1.51*	
		For >100 To 250, Deduct	*-2.53*	
		For >250 To 500, Deduct	*-4.11*	
		For >500, Deduct	*-5.68*	
26 51 19 00-0252	EA	6" Diameter, Diffuse Anodized Finish Reflector With Painted Flange For LED Downlight Retrofits (Cree® LT6AP)	49.80	8.98
		For >50 To 100, Deduct	*-1.73*	
		For >100 To 250, Deduct	*-2.97*	
		For >250 To 500, Deduct	*-4.98*	
		For >500, Deduct	*-6.99*	
26 51 19 00-0253	EA	6" Diameter, Flat Black Finish Trim And Reflector For LED Downlight Retrofits (Cree® CT6BB)	43.25	8.98
		For >50 To 100, Deduct	*-1.56*	
		For >100 To 250, Deduct	*-2.64*	
		For >250 To 500, Deduct	*-4.33*	
		For >500, Deduct	*-6.01*	

26 51 19 00-0254 Recessed LED Downlight Fixture Housings (CREE®) *(26 51 19 00-0243)*

Note: Excludes lamp and trim.

26 51 19 00-0255	EA	6" Diameter, IC Rated, Architectural Recessed LED Downlight Fixture Housing (Cree® H6)	110.13	38.49
		For >50 To 100, Deduct	*-4.20*	
		For >100 To 250, Deduct	*-6.95*	
		For >250 To 500, Deduct	*-11.01*	
		For >500, Deduct	*-15.08*	
26 51 19 00-0256	EA	6" Diameter, IC Rated, Retrofit Recessed LED Downlight Fixture Housing (Cree® RR6)	79.55	38.49
		For >50 To 100, Deduct	*-3.43*	
		For >100 To 250, Deduct	*-5.42*	
		For >250 To 500, Deduct	*-7.96*	
		For >500, Deduct	*-10.49*	

26 51 19 00-0257 Can Retrofit Or Surface Mount, LED Downlights *(26 51 19 00-0121)*

26 51 19 00-0258	EA	6" Diameter, 15 Watt, Can Retrofit Or Surface Mount, LED Downlight (Lighting Science® GLP6)	101.09	35.16
		For >50 To 100, Deduct	*-3.85*	
		For >100 To 250, Deduct	*-6.37*	
		For >250 To 500, Deduct	*-10.11*	
		For >500, Deduct	*-13.84*	
26 51 19 00-0259	EA	4" Diameter, 7 Watt, Can Retrofit, LED Downlight (Green Creative0 1-811-D)	82.30	35.16
		For >50 To 100, Deduct	*-3.38*	
		For >100 To 250, Deduct	*-5.43*	
		For >250 To 500, Deduct	*-8.23*	
		For >500, Deduct	*-11.03*	
26 51 19 00-0260	EA	6" Diameter, 9.5 Watt, Can Retrofit, LED Downlight (Green Creative0 1-808-D)	82.30	35.16
		For >50 To 100, Deduct	*-3.38*	
		For >100 To 250, Deduct	*-5.43*	
		For >250 To 500, Deduct	*-8.23*	
		For >500, Deduct	*-11.03*	
26 51 19 00-0261	EA	6" Diameter, 8.9 Watt, Can Retrofit, LED Downlight (Lithonia 6BP)	142.91	35.16
		For Recessed IC/Non-IC Rated Housing For New Construction, Add	*52.13*	
		For >50 To 100, Deduct	*-4.89*	
		For >100 To 250, Deduct	*-8.46*	
		For >250 To 500, Deduct	*-14.29*	
		For >500, Deduct	*-20.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0262	EA	4" Diameter, 8 Watt, 600 Lumens, Retrofit LED Downlight (Sylvania LED/RT4/550/840)	71.72	35.16
		For >50 To 100, Deduct	*-3.11*	
		For >100 To 250, Deduct	*-4.90*	
		For >250 To 500, Deduct	*-7.17*	
		For >500, Deduct	*-9.44*	
26 51 19 00-0263	EA	5" Diameter, 10 Watt, 700 Lumens, Retrofit LED Downlight (Sylvania LED/RT5/6/625/840)	79.34	35.16
		For >50 To 100, Deduct	*-3.30*	
		For >100 To 250, Deduct	*-5.29*	
		For >250 To 500, Deduct	*-7.93*	
		For >500, Deduct	*-10.58*	
26 51 19 00-0264	EA	6" Diameter, 800 Lumens, 10 Watt, Retrofit LED Wallwash Downlight (Indy Lighting LRT6-08LM)	946.56	35.16
		For >50 To 100, Deduct	*-24.98*	
		For >100 To 250, Deduct	*-48.65*	
		For >250 To 500, Deduct	*-94.66*	
		For >500, Deduct	*-140.67*	
26 51 19 00-0265		Wall Mount LED Cylinder Downlight *(26 51 19 00-0001)*		
26 51 19 00-0266	EA	9" Diameter, 2,200 Lumens, Wall Mount LED Cylinder Downlight With Semi-Specular Trim (Gotham® EVO® CLED9)	414.34	54.62
		For >50 To 100, Deduct	*-12.41*	
		For >100 To 250, Deduct	*-22.77*	
		For >250 To 500, Deduct	*-41.43*	
		For >500, Deduct	*-60.10*	
26 51 19 00-0267	EA	10-3/4" x 6-1/4" x 5-1/2", LED Wall Pack, 27 Watt, 120 Volt	223.70	54.62
		For >50 To 100, Deduct	*-7.64*	
		For >100 To 250, Deduct	*-13.24*	
		For >250 To 500, Deduct	*-22.37*	
		For >500, Deduct	*-31.50*	
26 51 19 00-0268		Wall Sconce And Wall Wash LED Fixtures *(26 51 19 00-0001)*		
26 51 19 00-0269		LED Wall Sconce Fixtures (Hudson Valley Lighting) *(26 51 19 00-0268)*		
26 51 19 00-0270	EA	2-1/2" Diameter x 15-1/2" High, Polished Nickel, LED Wall Sconce (Hudson Valley Lighting SHAW 1200-PN)	543.88	51.32
		For >50 To 100, Deduct	*-15.52*	
		For >100 To 250, Deduct	*-29.12*	
		For >250 To 500, Deduct	*-54.39*	
		For >500, Deduct	*-79.66*	
26 51 19 00-0271		LED Wall Sconce Fixtures (Kichler) *(26 51 19 00-0268)*		
26 51 19 00-0272	EA	6" High x 11.75" Wide x 3.5" Deep, 900 Lumens, 15 Watt, White Acrylic Diffuser, Brushed Nickel, LED Wall Sconce (Kichler 10790NILED)	303.05	51.32
		For >50 To 100, Deduct	*-9.50*	
		For >100 To 250, Deduct	*-17.08*	
		For >250 To 500, Deduct	*-30.31*	
		For >500, Deduct	*-43.53*	
26 51 19 00-0273		LED Wall Sconce Fixtures (Metalux) *(26 51 19 00-0268)*		
26 51 19 00-0274	EA	9.875" High x 7.125" Wide x 3.5" Deep, 9 Watt, White Acrylic Diffuser, Brushed Nickel, LED Wall Sconce (Metalux AFX VNTS071009L30ENBN)	149.12	51.32
		For >50 To 100, Deduct	*-5.65*	
		For >100 To 250, Deduct	*-9.38*	
		For >250 To 500, Deduct	*-14.91*	
		For >500, Deduct	*-20.44*	
26 51 19 00-0275	EA	5" LED, Cape Sconce Wall Light, White (AFX CAPW050804L30ENWH)	131.36	51.32
		For >50 To 100, Deduct	*-5.21*	
		For >100 To 250, Deduct	*-8.49*	
		For >250 To 500, Deduct	*-13.14*	
		For >500, Deduct	*-17.78*	
26 51 19 00-0276		Concealed Continuous LED Fixtures *(26 51 19 00-0001)*		
26 51 19 00-0277		Concealed Continuous LED Fixtures (Fraqtir™ S301) *(26 51 19 00-0276)*		
26 51 19 00-0278	LF	Fixed Surface Mount, Concealed Continuous LED Fixture With Remote Driver (Fraqtir™ S301)	739.83	5.86
		For >50 To 100, Deduct	*-18.79*	
		For >100 To 250, Deduct	*-37.28*	
		For >250 To 500, Deduct	*-73.98*	
		For >500, Deduct	*-110.68*	
26 51 19 00-0279	LF	Fixed Surface Mount, Concealed Continuous LED Fixture With Remote Dimming Driver (Fraqtir™ S301)	843.50	5.86
		For >50 To 100, Deduct	*-21.38*	
		For >100 To 250, Deduct	*-42.47*	
		For >250 To 500, Deduct	*-84.35*	
		For >500, Deduct	*-126.23*	
26 51 19 00-0280		Low Bay LED Fixtures *(26 51 19 00-0001)*		
26 51 19 00-0281		LED Linear Low Bay Fixtures (PlanLED) *(26 51 19 00-0280)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0282	EA	4' Length, 23 Watt, LED Linear Low Bay Fixture (PlanLED A1W4)	379.65	70.33
		For >50 To 100, Deduct	*-12.42*	
		For >100 To 250, Deduct	*-21.91*	
		For >250 To 500, Deduct	*-37.97*	
		For >500, Deduct	*-54.02*	
26 51 19 00-0283	EA	4' Length, 42 Watt, LED Linear Low Bay Fixture (PlanLED A2W4A)	515.24	70.33
		For >50 To 100, Deduct	*-15.81*	
		For >100 To 250, Deduct	*-28.69*	
		For >250 To 500, Deduct	*-51.52*	
		For >500, Deduct	*-74.36*	
26 51 19 00-0284	EA	8' Length, 84 Watt, LED Linear Low Bay Fixture (PlanLED A2W5A)	857.28	87.91
		For >50 To 100, Deduct	*-25.10*	
		For >100 To 250, Deduct	*-46.53*	
		For >250 To 500, Deduct	*-85.73*	
		For >500, Deduct	*-124.93*	

26 51 19 00-0285 LED Low Bay Fixtures (CREE®) *(26 51 19 00-0280)*

26 51 19 00-0286 LED Low Bay Fixtures (CREE® LS) *(26 51 19 00-0285)*

Note: Includes 120/277 voltage and 22 gauge steel housing assembly. Excludes sensors.

26 51 19 00-0287	EA	2,500 Lumens, 4' Length, LED Low Bay Fixture (Cree® LS4-25L-35K-10V)	334.31	70.33
		For >50 To 100, Deduct	*-11.29*	
		For >100 To 250, Deduct	*-19.65*	
		For >250 To 500, Deduct	*-33.43*	
		For >500, Deduct	*-47.22*	
26 51 19 00-0288	EA	2,500 Lumens, 4' Length, LED Low Bay Fixture (Cree® LS4-25L-50K-10V)	356.57	70.33
		For >50 To 100, Deduct	*-11.84*	
		For >100 To 250, Deduct	*-20.76*	
		For >250 To 500, Deduct	*-35.66*	
		For >500, Deduct	*-50.56*	
26 51 19 00-0289	EA	4,000 Lumens, 4' Length, LED Low Bay Fixture (Cree® LS4-40L-35K-10V)	343.59	70.33
		For >50 To 100, Deduct	*-11.52*	
		For >100 To 250, Deduct	*-20.11*	
		For >250 To 500, Deduct	*-34.36*	
		For >500, Deduct	*-48.61*	
26 51 19 00-0290	EA	4,000 Lumens, 4' Length, LED Low Bay Fixture (Cree® LS4-40L-50K-10V)	365.85	70.33
		For >50 To 100, Deduct	*-12.08*	
		For >100 To 250, Deduct	*-21.22*	
		For >250 To 500, Deduct	*-36.59*	
		For >500, Deduct	*-51.95*	
26 51 19 00-0291	EA	5,000 Lumens, 4' Length, LED Low Bay Fixture (Cree® LS4-50L-35K-10V)	382.55	70.33
		For >50 To 100, Deduct	*-12.49*	
		For >100 To 250, Deduct	*-22.06*	
		For >250 To 500, Deduct	*-38.26*	
		For >500, Deduct	*-54.45*	
26 51 19 00-0292	EA	5,000 Lumens, 4' Length, LED Low Bay Fixture (Cree® LS4-50L-50K-10V)	404.82	70.33
		For >50 To 100, Deduct	*-13.05*	
		For >100 To 250, Deduct	*-23.17*	
		For >250 To 500, Deduct	*-40.48*	
		For >500, Deduct	*-57.79*	
26 51 19 00-0293	EA	8,000 Lumens, 8' Length, LED Low Bay Fixture (Cree® LS8-80L-35K-10V)	536.17	87.91
		For >50 To 100, Deduct	*-17.07*	
		For >100 To 250, Deduct	*-30.47*	
		For >250 To 500, Deduct	*-53.62*	
		For >500, Deduct	*-76.76*	
26 51 19 00-0294	EA	8,000 Lumens, 8' Length, LED Low Bay Fixture (Cree® LS8-80L-50K-10V)	576.99	87.91
		For >50 To 100, Deduct	*-18.09*	
		For >100 To 250, Deduct	*-32.51*	
		For >250 To 500, Deduct	*-57.70*	
		For >500, Deduct	*-82.89*	
26 51 19 00-0295	EA	10,000 Lumens, 8' Length, LED Low Bay Fixture (Cree® LS8-100L-35K-10V)	662.34	87.91
		For >50 To 100, Deduct	*-20.22*	
		For >100 To 250, Deduct	*-36.78*	
		For >250 To 500, Deduct	*-66.23*	
		For >500, Deduct	*-95.69*	
26 51 19 00-0296	EA	10,000 Lumens, 8' Length, LED Low Bay Fixture (Cree® LS8-100L-50K-10V)	684.60	87.91
		For >50 To 100, Deduct	*-20.78*	
		For >100 To 250, Deduct	*-37.89*	
		For >250 To 500, Deduct	*-68.46*	
		For >500, Deduct	*-99.03*	

26 51 19 00-0297 LED Low Bay Fixtures (CREE® LN) *(26 51 19 00-0285)*

Note: Includes 120/277 voltage and aluminum housing assembly. Excludes sensors.

26 51 19 00-0298	EA	3,400 Lumens, 4' Length, LED Low Bay Fixture (Cree® LN4-34L-35K-10V)	746.22	70.33
		For >50 To 100, Deduct	*-21.59*	
		For >100 To 250, Deduct	*-40.24*	
		For >250 To 500, Deduct	*-74.62*	
		For >500, Deduct	*-109.00*	
26 51 19 00-0299	EA	3,400 Lumens, 4' Length, LED Low Bay Fixture, Smartcast Technology (Cree® LN4-34L-35K-CMA)	838.99	70.33
		For >50 To 100, Deduct	*-23.91*	
		For >100 To 250, Deduct	*-44.88*	
		For >250 To 500, Deduct	*-83.90*	
		For >500, Deduct	*-122.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0300		**LED Linear Low Bay Fixtures (CREE® CS)** *(26 51 19 00-0285)* Note: Includes 3,500 or 4,000K color temperature, 120/277 voltage and lightweight polymer housing assembly. Excludes sensors.		
26 51 19 00-0301	EA	4,000 Lumens, 4' Length, LED Linear Low Bay Fixture (Cree® CS14™)	723.33	70.33
		For >50 To 100, Deduct	*-21.01*	
		For >100 To 250, Deduct	*-39.10*	
		For >250 To 500, Deduct	*-72.33*	
		For >500, Deduct	*-105.57*	
26 51 19 00-0302	EA	7,500 Lumens, 8' Length, LED Linear Low Bay Fixture (Cree® CS18™)	898.88	87.91
		For >50 To 100, Deduct	*-26.14*	
		For >100 To 250, Deduct	*-48.61*	
		For >250 To 500, Deduct	*-89.89*	
		For >500, Deduct	*-131.17*	
26 51 19 00-0303	EA	8,000 Lumens, 8' Length, LED Linear Low Bay Fixture (Cree® CS18™)	1,141.18	87.91
		For >50 To 100, Deduct	*-32.19*	
		For >100 To 250, Deduct	*-60.72*	
		For >250 To 500, Deduct	*-114.12*	
		For >500, Deduct	*-167.51*	
26 51 19 00-0304		**Accessories For LED Low Bay Fixtures (CREE®)** *(26 51 19 00-0285)*		
26 51 19 00-0305	EA	Continuous Row Through Wiring Kit For 4' Fixtures (Cree® LS4TWK)	64.88	19.27
		For >50 To 100, Deduct	*-2.43*	
		For >100 To 250, Deduct	*-4.05*	
		For >250 To 500, Deduct	*-6.49*	
		For >500, Deduct	*-8.93*	
26 51 19 00-0306	EA	Continuous Row Through Wiring Kit For 8' Fixtures (Cree® LS8TWK)	71.43	19.27
		For >50 To 100, Deduct	*-2.59*	
		For >100 To 250, Deduct	*-4.37*	
		For >250 To 500, Deduct	*-7.14*	
		For >500, Deduct	*-9.91*	
26 51 19 00-0307	EA	Top Housing Aligner For Continuous Row Installations (Cree® LS-RJ)	53.95	19.27
		For >50 To 100, Deduct	*-2.15*	
		For >100 To 250, Deduct	*-3.50*	
		For >250 To 500, Deduct	*-5.40*	
		For >500, Deduct	*-7.29*	
26 51 19 00-0308	EA	Reflector Joint Aligner For Continuous Row Installations (Cree® LS-RFLJ)	43.04	19.27
		For >50 To 100, Deduct	*-1.88*	
		For >100 To 250, Deduct	*-2.96*	
		For >250 To 500, Deduct	*-4.30*	
		For >500, Deduct	*-5.65*	
26 51 19 00-0309	EA	Solid Reflector, Pair (Cree® LS4-SR)	141.27	19.27
		For >50 To 100, Deduct	*-4.34*	
		For >100 To 250, Deduct	*-7.87*	
		For >250 To 500, Deduct	*-14.13*	
		For >500, Deduct	*-20.39*	
26 51 19 00-0310	EA	Solid Reflector, Pair (Cree® LS8-SR)	195.86	19.27
		For >50 To 100, Deduct	*-5.70*	
		For >100 To 250, Deduct	*-10.60*	
		For >250 To 500, Deduct	*-19.59*	
		For >500, Deduct	*-28.58*	
26 51 19 00-0311	EA	5" Cable Canopy With #18/2 SJT Cord, 48" (Cree® AC5-18/2-48-Q14B-JB)	71.43	19.27
		For >50 To 100, Deduct	*-2.59*	
		For >100 To 250, Deduct	*-4.37*	
		For >250 To 500, Deduct	*-7.14*	
		For >500, Deduct	*-9.91*	
26 51 19 00-0312	EA	5" Cable Canopy With #18/2 SJT Cord, 72" (Cree® AC5-18/2-72-Q14B-JB)	101.99	19.27
		For >50 To 100, Deduct	*-3.35*	
		For >100 To 250, Deduct	*-5.90*	
		For >250 To 500, Deduct	*-10.20*	
		For >500, Deduct	*-14.50*	
26 51 19 00-0313	EA	5" Cable Canopy With #18/5 SJT Cord, 48" (Cree® AC5-18/5-48-Q14B-JB)	80.15	19.27
		For >50 To 100, Deduct	*-2.81*	
		For >100 To 250, Deduct	*-4.81*	
		For >250 To 500, Deduct	*-8.02*	
		For >500, Deduct	*-11.22*	
26 51 19 00-0314	EA	5" Cable Canopy With #18/5 SJT Cord, 72" (Cree® AC5-18/5-72-Q14B-JB)	108.54	19.27
		For >50 To 100, Deduct	*-3.52*	
		For >100 To 250, Deduct	*-6.23*	
		For >250 To 500, Deduct	*-10.85*	
		For >500, Deduct	*-15.48*	
26 51 19 00-0315	EA	5" Cable Canopy With #18/5 SJT Cord, 96" (Cree® AC5-18/5-96-Q14B-JB)	115.09	19.27
		For >50 To 100, Deduct	*-3.68*	
		For >100 To 250, Deduct	*-6.56*	
		For >250 To 500, Deduct	*-11.51*	
		For >500, Deduct	*-16.46*	
26 51 19 00-0316	EA	5" Cable Canopy With #12/3 SJT Cord, 48" (Cree® AC5-12/3-48-Q14B-JB)	97.61	19.27
		For >50 To 100, Deduct	*-3.24*	
		For >100 To 250, Deduct	*-5.68*	
		For >250 To 500, Deduct	*-9.76*	
		For >500, Deduct	*-13.84*	
26 51 19 00-0317	EA	5" Cable Canopy With #12/3 SJT Cord, 72" (Cree® AC5-12/3-72-Q14B-JB)	147.82	19.27
		For >50 To 100, Deduct	*-4.50*	
		For >100 To 250, Deduct	*-8.19*	
		For >250 To 500, Deduct	*-14.78*	
		For >500, Deduct	*-21.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0318	EA	Set Of End Caps, One With Power Feed, One Without (Cree® LN-EC)	75.79	19.27
		For >50 To 100, Deduct	*-2.70*	
		For >100 To 250, Deduct	*-4.59*	
		For >250 To 500, Deduct	*-7.58*	
		For >500, Deduct	*-10.57*	
26 51 19 00-0319	EA	Canopy Kit With Aircraft Cable And Opening For Power Feed (Cree® LN-CK-5-AC)	93.25	19.27
		For >50 To 100, Deduct	*-3.13*	
		For >100 To 250, Deduct	*-5.47*	
		For >250 To 500, Deduct	*-9.33*	
		For >500, Deduct	*-13.18*	
26 51 19 00-0320	EA	Canopy Kit With Aircraft Cable No Opening For Power Feed (Cree® LN-CK-0-AC)	71.43	19.27
		For >50 To 100, Deduct	*-2.59*	
		For >100 To 250, Deduct	*-4.37*	
		For >250 To 500, Deduct	*-7.14*	
		For >500, Deduct	*-9.91*	
26 51 19 00-0321	EA	Emergency 125W Inverter, Ceiling Installed (Cree® ELI-125W)	1,434.63	46.88
		For >50 To 100, Deduct	*-37.62*	
		For >100 To 250, Deduct	*-73.49*	
		For >250 To 500, Deduct	*-143.46*	
		For >500, Deduct	*-213.44*	
26 51 19 00-0322	EA	120 Volt, Emergency Relay For Use With Generator Power (Cree® EL-SR-120)	506.90	46.88
		For >50 To 100, Deduct	*-14.43*	
		For >100 To 250, Deduct	*-27.10*	
		For >250 To 500, Deduct	*-50.69*	
		For >500, Deduct	*-74.28*	
26 51 19 00-0323		**LED Linear Low Bay Fixtures (Lithonia MSL)** *(26 51 19 00-0280)* Note: Includes 3,500K, 4,000K or 5,000K color temperature, 120/277 voltage and steel housing assembly. Excludes sensors.		
26 51 19 00-0324	EA	4,000 Lumens, 4' Length, LED Linear Low Bay Fixture (Lithonia MSL)	1,007.93	70.33
		For >50 To 100, Deduct	*-28.13*	
		For >100 To 250, Deduct	*-53.33*	
		For >250 To 500, Deduct	*-100.79*	
		For >500, Deduct	*-148.26*	
26 51 19 00-0325		**High Bay LED Fixtures** *(26 51 19 00-0001)*		
26 51 19 00-0326		**LED High Bay Fixtures (Columbia Lighting LWS)** *(26 51 19 00-0325)*		
26 51 19 00-0327	EA	16" x 24", 7,909 Lumens, 58.8 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-30-LW-W-EU)	515.05	128.94
		For >50 To 100, Deduct	*-19.32*	
		For >100 To 250, Deduct	*-32.20*	
		For >250 To 500, Deduct	*-51.51*	
		For >500, Deduct	*-70.81*	
26 51 19 00-0328	EA	16" x 24", 8,526 Lumens, 58.8 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-50-LW-W-EU)	515.05	128.94
		For >50 To 100, Deduct	*-19.32*	
		For >100 To 250, Deduct	*-32.20*	
		For >250 To 500, Deduct	*-51.51*	
		For >500, Deduct	*-70.81*	
26 51 19 00-0329	EA	16" x 24", 11,812 Lumens, 82.9 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-30-ML-W-EU)	576.77	128.94
		For >50 To 100, Deduct	*-20.87*	
		For >100 To 250, Deduct	*-35.29*	
		For >250 To 500, Deduct	*-57.68*	
		For >500, Deduct	*-80.07*	
26 51 19 00-0330	EA	16" x 24", 12,734 Lumens, 82.9 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-50-ML-W-EU)	576.77	128.94
		For >50 To 100, Deduct	*-20.87*	
		For >100 To 250, Deduct	*-35.29*	
		For >250 To 500, Deduct	*-57.68*	
		For >500, Deduct	*-80.07*	
26 51 19 00-0331	EA	16" x 24", 14,813 Lumens, 112.5 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-30-HL-W-EU)	679.64	128.94
		For >50 To 100, Deduct	*-23.44*	
		For >100 To 250, Deduct	*-40.43*	
		For >250 To 500, Deduct	*-67.96*	
		For >500, Deduct	*-95.50*	
26 51 19 00-0332	EA	16" x 24", 15,968 Lumens, 112.5 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-50-HL-W-EU)	679.64	128.94
		For >50 To 100, Deduct	*-23.44*	
		For >100 To 250, Deduct	*-40.43*	
		For >250 To 500, Deduct	*-67.96*	
		For >500, Deduct	*-95.50*	
26 51 19 00-0333	EA	16" x 24", 18,714 Lumens, 137.1 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-30-VL-W-EU)	720.79	128.94
		For >50 To 100, Deduct	*-24.47*	
		For >100 To 250, Deduct	*-42.49*	
		For >250 To 500, Deduct	*-72.08*	
		For >500, Deduct	*-101.67*	
26 51 19 00-0334	EA	16" x 24", 19,511 Lumens, 137.1 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-50-VL-W-EU)	720.79	128.94
		For >50 To 100, Deduct	*-24.47*	
		For >100 To 250, Deduct	*-42.49*	
		For >250 To 500, Deduct	*-72.08*	
		For >500, Deduct	*-101.67*	
26 51 19 00-0335	EA	16" x 24", 22,994 Lumens, 174 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-30-XL-W-EU)	751.65	128.94
		For >50 To 100, Deduct	*-25.24*	
		For >100 To 250, Deduct	*-44.03*	
		For >250 To 500, Deduct	*-75.17*	
		For >500, Deduct	*-106.30*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0336	EA		16" x 24", 24,787 Lumens, 174 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-50-XL-W-EU)	751.65	128.94
			For >50 To 100, Deduct	*-25.24*	
			For >100 To 250, Deduct	*-44.03*	
			For >250 To 500, Deduct	*-75.17*	
			For >500, Deduct	*-106.30*	

26 51 19 00-0337 LED High Bay Fixtures (Cree) *(26 51 19 00-0325)*

26 51 19 00-0338 LED High Bay Fixtures (CREE®) *(26 51 19 00-0337)*

26 51 19 00-0339	EA		18,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-M-40K-8-UL-10V)	886.88	128.94
			For >50 To 100, Deduct	*-28.62*	
			For >100 To 250, Deduct	*-50.79*	
			For >250 To 500, Deduct	*-88.69*	
			For >500, Deduct	*-126.59*	
26 51 19 00-0340	EA		18,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-M-40K-8-UL-ML)	1,065.54	128.94
			For >50 To 100, Deduct	*-33.09*	
			For >100 To 250, Deduct	*-59.72*	
			For >250 To 500, Deduct	*-106.55*	
			For >500, Deduct	*-153.38*	
26 51 19 00-0341	EA		18,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-M-40K-8-UH-10V)	978.24	128.94
			For >50 To 100, Deduct	*-30.90*	
			For >100 To 250, Deduct	*-55.36*	
			For >250 To 500, Deduct	*-97.82*	
			For >500, Deduct	*-140.29*	
26 51 19 00-0342	EA		18,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-M-40K-8-UH-ML)	1,120.13	128.94
			For >50 To 100, Deduct	*-34.45*	
			For >100 To 250, Deduct	*-62.45*	
			For >250 To 500, Deduct	*-112.01*	
			For >500, Deduct	*-161.57*	
26 51 19 00-0343	EA		24,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-H-40K-8-UL-10V)	918.42	128.94
			For >50 To 100, Deduct	*-29.41*	
			For >100 To 250, Deduct	*-52.37*	
			For >250 To 500, Deduct	*-91.84*	
			For >500, Deduct	*-131.32*	
26 51 19 00-0344	EA		24,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-H-40K-8-UL-ML)	1,098.29	128.94
			For >50 To 100, Deduct	*-33.90*	
			For >100 To 250, Deduct	*-61.36*	
			For >250 To 500, Deduct	*-109.83*	
			For >500, Deduct	*-158.30*	
26 51 19 00-0345	EA		24,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-H-40K-8-UH-10V)	1,010.97	128.94
			For >50 To 100, Deduct	*-31.72*	
			For >100 To 250, Deduct	*-57.00*	
			For >250 To 500, Deduct	*-101.10*	
			For >500, Deduct	*-145.20*	
26 51 19 00-0346	EA		24,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-H-40K-8-UH-ML)	1,152.86	128.94
			For >50 To 100, Deduct	*-35.27*	
			For >100 To 250, Deduct	*-64.09*	
			For >250 To 500, Deduct	*-115.29*	
			For >500, Deduct	*-166.48*	

26 51 19 00-0347 Accessories For LED High Bay Fixtures (CREE®) *(26 51 19 00-0337)*

26 51 19 00-0348	EA		15 Amperes, 120 Volt, Straight Blade Plug For LED High Bay Fixtures (Cree® AP-515P)	64.88	19.27
			For >50 To 100, Deduct	*-2.43*	
			For >100 To 250, Deduct	*-4.05*	
			For >250 To 500, Deduct	*-6.49*	
			For >500, Deduct	*-8.93*	
26 51 19 00-0349	EA		15 Amperes, 120 Volt, Twist Lock Plug For LED High Bay Fixtures (Cree® AP-L515P)	64.88	19.27
			For >50 To 100, Deduct	*-2.43*	
			For >100 To 250, Deduct	*-4.05*	
			For >250 To 500, Deduct	*-6.49*	
			For >500, Deduct	*-8.93*	
26 51 19 00-0350	EA		16" Matte Spun Aluminum Reflector For LED High Bay Fixture (Cree® CXBA16N)	86.70	19.27
			For >50 To 100, Deduct	*-2.97*	
			For >100 To 250, Deduct	*-5.14*	
			For >250 To 500, Deduct	*-8.67*	
			For >500, Deduct	*-12.20*	
26 51 19 00-0351	EA		16" Clear Acrylic Reflector For LED High Bay Fixture (Cree® CXBP16)	130.36	19.27
			For >50 To 100, Deduct	*-4.06*	
			For >100 To 250, Deduct	*-7.32*	
			For >250 To 500, Deduct	*-13.04*	
			For >500, Deduct	*-18.75*	
26 51 19 00-0352	EA		16" White Acrylic Reflector For LED High Bay Fixture (Cree® CXBW16)	152.20	19.27
			For >50 To 100, Deduct	*-4.61*	
			For >100 To 250, Deduct	*-8.41*	
			For >250 To 500, Deduct	*-15.22*	
			For >500, Deduct	*-22.03*	
26 51 19 00-0353	EA		16" Clear Prismatic Conical Lens For Prismatic And Acrylic Reflectors For LED High Bay Fixtures (Cree® CL16)	86.70	19.27
			For >50 To 100, Deduct	*-2.97*	
			For >100 To 250, Deduct	*-5.14*	
			For >250 To 500, Deduct	*-8.67*	
			For >500, Deduct	*-12.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0354	EA	16" Clear Prismatic Drop Lens For Prismatic And Acrylic Reflectors For LED High Bay Fixtures (Cree® DL16)	88.89	19.27
		For >50 To 100, Deduct	*-3.03*	
		For >100 To 250, Deduct	*-5.25*	
		For >250 To 500, Deduct	*-8.89*	
		For >500, Deduct	*-12.53*	
26 51 19 00-0355	EA	16" Wire Guard For Aluminum Reflector For LED High Bay Fixtures (Cree® WG-A)	64.88	19.27
		For >50 To 100, Deduct	*-2.43*	
		For >100 To 250, Deduct	*-4.05*	
		For >250 To 500, Deduct	*-6.49*	
		For >500, Deduct	*-8.93*	
26 51 19 00-0356	EA	16" Wire Guard For Prismatic And Acrylic Reflector For LED High Bay Fixtures (Cree® WG-AP)	69.24	19.27
		For >50 To 100, Deduct	*-2.53*	
		For >100 To 250, Deduct	*-4.27*	
		For >250 To 500, Deduct	*-6.92*	
		For >500, Deduct	*-9.58*	
26 51 19 00-0357	EA	5' Galvanized Safety Cable For LED High Bay Fixtures (Cree® SC-5)	45.23	19.27
		For >50 To 100, Deduct	*-1.93*	
		For >100 To 250, Deduct	*-3.06*	
		For >250 To 500, Deduct	*-4.52*	
		For >500, Deduct	*-5.98*	
26 51 19 00-0358	EA	10' Galvanized Safety Cable For LED High Bay Fixtures (Cree® SC-10)	47.42	19.27
		For >50 To 100, Deduct	*-1.99*	
		For >100 To 250, Deduct	*-3.17*	
		For >250 To 500, Deduct	*-4.74*	
		For >500, Deduct	*-6.31*	
26 51 19 00-0359		**LED High Bay Fixtures (DLE)** *(26 51 19 00-0325)*		
26 51 19 00-0360	EA	12,000 Lumens, 120 Watt, LED High Bay Fixture (DLE-12-ST/HV)	1,480.38	128.94
		For >50 To 100, Deduct	*-43.46*	
		For >100 To 250, Deduct	*-80.47*	
		For >250 To 500, Deduct	*-148.04*	
		For >500, Deduct	*-215.61*	
26 51 19 00-0361	EA	18,000 Lumens, 180 Watt, LED High Bay Fixture (DLE-18-ST/HV)	1,817.17	128.94
		For >50 To 100, Deduct	*-51.88*	
		For >100 To 250, Deduct	*-97.31*	
		For >250 To 500, Deduct	*-181.72*	
		For >500, Deduct	*-266.13*	
26 51 19 00-0362	EA	24,000 Lumens, 230 Watt, LED High Bay Fixture (DLE-24-ST/HV)	2,129.90	128.94
		For >50 To 100, Deduct	*-59.69*	
		For >100 To 250, Deduct	*-112.94*	
		For >250 To 500, Deduct	*-212.99*	
		For >500, Deduct	*-313.04*	
26 51 19 00-0363		**LED High Bay Fixtures (Everlast)** *(26 51 19 00-0325)*		
26 51 19 00-0364		**LED High Bay Fixtures (Everlast EL-LED-LG)** *(26 51 19 00-0363)*		
26 51 19 00-0365	EA	13,500 Lumens, 150 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AC)	1,001.44	128.94
		For >50 To 100, Deduct	*-31.48*	
		For >100 To 250, Deduct	*-56.52*	
		For >250 To 500, Deduct	*-100.14*	
		For >500, Deduct	*-143.77*	
26 51 19 00-0366	EA	13,500 Lumens, 150 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AO)	1,058.30	128.94
		For >50 To 100, Deduct	*-32.90*	
		For >100 To 250, Deduct	*-59.36*	
		For >250 To 500, Deduct	*-105.83*	
		For >500, Deduct	*-152.30*	
26 51 19 00-0367	EA	15,000 Lumens, 150 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AL16)	944.58	128.94
		For >50 To 100, Deduct	*-30.06*	
		For >100 To 250, Deduct	*-53.68*	
		For >250 To 500, Deduct	*-94.46*	
		For >500, Deduct	*-135.24*	
26 51 19 00-0368	EA	15,000 Lumens, 150 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AL22)	968.64	128.94
		For >50 To 100, Deduct	*-30.66*	
		For >100 To 250, Deduct	*-54.88*	
		For >250 To 500, Deduct	*-96.86*	
		For >500, Deduct	*-138.85*	
26 51 19 00-0369	EA	17,500 Lumens, 200 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AC)	1,099.85	128.94
		For >50 To 100, Deduct	*-33.94*	
		For >100 To 250, Deduct	*-61.44*	
		For >250 To 500, Deduct	*-109.99*	
		For >500, Deduct	*-158.53*	
26 51 19 00-0370	EA	17,500 Lumens, 200 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AO)	1,198.26	128.94
		For >50 To 100, Deduct	*-36.40*	
		For >100 To 250, Deduct	*-66.36*	
		For >250 To 500, Deduct	*-119.83*	
		For >500, Deduct	*-173.29*	
26 51 19 00-0371	EA	20,000 Lumens, 200 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AL16)	1,047.37	128.94
		For >50 To 100, Deduct	*-32.63*	
		For >100 To 250, Deduct	*-58.82*	
		For >250 To 500, Deduct	*-104.74*	
		For >500, Deduct	*-150.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0372	EA	20,000 Lumens, 200 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AL22)	1,132.66	128.94
		For >50 To 100, Deduct	*-34.76*	
		For >100 To 250, Deduct	*-63.08*	
		For >250 To 500, Deduct	*-113.27*	
		For >500, Deduct	*-163.45*	
26 51 19 00-0373	EA	34,000 Lumens, 300 Watt, LED High Bay Fixture (Everlast EL-LED-LG-HW, AL30)	1,646.59	128.94
		For >50 To 100, Deduct	*-47.61*	
		For >100 To 250, Deduct	*-88.78*	
		For >250 To 500, Deduct	*-164.66*	
		For >500, Deduct	*-240.54*	
26 51 19 00-0374	EA	43,000 Lumens, 400 Watt, LED High Bay Fixture (Everlast EL-LED-LG-HW, AL30)	1,799.67	128.94
		For >50 To 100, Deduct	*-51.44*	
		For >100 To 250, Deduct	*-96.43*	
		For >250 To 500, Deduct	*-179.97*	
		For >500, Deduct	*-263.50*	
26 51 19 00-0375	EA	66,000 Lumens, 600 Watt, LED High Bay Fixture (Everlast EL-LED-LG-HW, AL30)	2,237.06	128.94
		For >50 To 100, Deduct	*-62.37*	
		For >100 To 250, Deduct	*-118.30*	
		For >250 To 500, Deduct	*-223.71*	
		For >500, Deduct	*-329.11*	
26 51 19 00-0376		**LED High Bay Fixtures (Everlast EL-LED-CS)** *(26 51 19 00-0363)*		
26 51 19 00-0377	EA	5,000 Lumens, 50 Watt, LED High Bay Fixture (Everlast EL-LED-CS)	629.66	128.94
		For >50 To 100, Deduct	*-22.19*	
		For >100 To 250, Deduct	*-37.93*	
		For >250 To 500, Deduct	*-62.97*	
		For >500, Deduct	*-88.00*	
26 51 19 00-0378	EA	10,000 Lumens, 100 Watt, LED High Bay Fixture (Everlast EL-LED-CS)	924.90	128.94
		For >50 To 100, Deduct	*-29.57*	
		For >100 To 250, Deduct	*-52.69*	
		For >250 To 500, Deduct	*-92.49*	
		For >500, Deduct	*-132.29*	
26 51 19 00-0379	EA	15,000 Lumens, 150 Watt, LED High Bay Fixture (Everlast EL-LED-CS)	1,056.11	128.94
		For >50 To 100, Deduct	*-32.85*	
		For >100 To 250, Deduct	*-59.25*	
		For >250 To 500, Deduct	*-105.61*	
		For >500, Deduct	*-151.97*	
26 51 19 00-0380	EA	20,000 Lumens, 200 Watt, LED High Bay Fixture (Everlast EL-LED-CS)	1,209.20	128.94
		For >50 To 100, Deduct	*-36.68*	
		For >100 To 250, Deduct	*-66.91*	
		For >250 To 500, Deduct	*-120.92*	
		For >500, Deduct	*-174.93*	
26 51 19 00-0381	EA	30,000 Lumens, 300 Watt, LED High Bay Fixture (Everlast EL-LED-CS)	1,307.61	128.94
		For >50 To 100, Deduct	*-39.14*	
		For >100 To 250, Deduct	*-71.83*	
		For >250 To 500, Deduct	*-130.76*	
		For >500, Deduct	*-189.69*	
26 51 19 00-0382		**LED High Bay Fixtures (Everlast EL-LED-HB-LG)** *(26 51 19 00-0363)*		
26 51 19 00-0383	EA	10,000 Lumens, 100 Watt, LED High Bay Fixture (Everlast EL-LED-HB-LG)	826.48	128.94
		For >50 To 100, Deduct	*-27.11*	
		For >100 To 250, Deduct	*-47.77*	
		For >250 To 500, Deduct	*-82.65*	
		For >500, Deduct	*-117.53*	
26 51 19 00-0384	EA	15,000 Lumens, 150 Watt, LED High Bay Fixture (Everlast EL-LED-HB-LG)	881.16	128.94
		For >50 To 100, Deduct	*-28.48*	
		For >100 To 250, Deduct	*-50.51*	
		For >250 To 500, Deduct	*-88.12*	
		For >500, Deduct	*-125.73*	
26 51 19 00-0385	EA	20,000 Lumens, 200 Watt, LED High Bay Fixture (Everlast EL-LED-HB-LG)	957.70	128.94
		For >50 To 100, Deduct	*-30.39*	
		For >100 To 250, Deduct	*-54.33*	
		For >250 To 500, Deduct	*-95.77*	
		For >500, Deduct	*-137.21*	
26 51 19 00-0386		**LED High Bay Fixtures (Everlast EL-LED-LHB)** *(26 51 19 00-0363)*		
26 51 19 00-0387	EA	13,000 Lumens, 100 Watt, LED High Bay Fixture (Everlast EL-LED-LHB)	839.61	128.94
		For >50 To 100, Deduct	*-27.44*	
		For >100 To 250, Deduct	*-48.43*	
		For >250 To 500, Deduct	*-83.96*	
		For >500, Deduct	*-119.49*	
26 51 19 00-0388	EA	26,000 Lumens, 200 Watt, LED High Bay Fixture (Everlast EL-LED-LHB)	1,034.24	128.94
		For >50 To 100, Deduct	*-32.30*	
		For >100 To 250, Deduct	*-58.16*	
		For >250 To 500, Deduct	*-103.42*	
		For >500, Deduct	*-148.69*	
26 51 19 00-0389	EA	39,000 Lumens, 300 Watt, LED High Bay Fixture (Everlast EL-LED-LHB)	1,285.74	128.94
		For >50 To 100, Deduct	*-38.59*	
		For >100 To 250, Deduct	*-70.73*	
		For >250 To 500, Deduct	*-128.57*	
		For >500, Deduct	*-186.41*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0390		**LED High Bay Fixtures (Lithonia IBG)** *(26 51 19 00-0325)*		
26 51 19 00-0391	EA	8,000 Lumens, 48 Watt, 25.6" Length, LED High Bay Fixture (Lithonia IBG 8000LM SEF ACL GND MVOLT)	469.00	126.59
		For >50 To 100, Deduct	*-16.54*	
		For >100 To 250, Deduct	*-28.26*	
		For >250 To 500, Deduct	*-46.90*	
		For >500, Deduct	*-65.54*	
26 51 19 00-0392	EA	12,000 Lumens, 76 Watt, 25.6" Length, LED High Bay Fixture (Lithonia IBG 12000LM SEF ACL GND MVOLT)	487.79	126.59
		For >50 To 100, Deduct	*-17.01*	
		For >100 To 250, Deduct	*-29.20*	
		For >250 To 500, Deduct	*-48.78*	
		For >500, Deduct	*-68.35*	
26 51 19 00-0393	EA	15,000 Lumens, 93 Watt, 25.6" Length, LED High Bay Fixture (Lithonia IBG 15000LM SEF ACL GND MVOLT)	530.07	126.59
		For >50 To 100, Deduct	*-18.07*	
		For >100 To 250, Deduct	*-31.32*	
		For >250 To 500, Deduct	*-53.01*	
		For >500, Deduct	*-74.70*	
26 51 19 00-0394	EA	18,000 Lumens, 105 Watt, 25.6" Length, LED High Bay Fixture (Lithonia IBG 18000LM SEF ACL GND MVOLT)	596.82	126.59
		For >50 To 100, Deduct	*-19.74*	
		For >100 To 250, Deduct	*-34.66*	
		For >250 To 500, Deduct	*-59.68*	
		For >500, Deduct	*-84.71*	
26 51 19 00-0395	EA	24,000 Lumens, 144 Watt, 25.6" Length, LED High Bay Fixture (Lithonia IBG 24000LM SEF ACL GND MVOLT)	651.16	126.59
		For >50 To 100, Deduct	*-21.09*	
		For >100 To 250, Deduct	*-37.37*	
		For >250 To 500, Deduct	*-65.12*	
		For >500, Deduct	*-92.86*	
26 51 19 00-0396	EA	30,000 Lumens, 178 Watt, 25.6" Length, LED High Bay Fixture (Lithonia IBG 30000LM SEF ACL GND MVOLT)	778.91	126.59
		For >50 To 100, Deduct	*-24.29*	
		For >100 To 250, Deduct	*-43.76*	
		For >250 To 500, Deduct	*-77.89*	
		For >500, Deduct	*-112.02*	
26 51 19 00-0397	EA	36,000 Lumens, 218 Watt, 25.6" Length, LED High Bay Fixture (Lithonia IBG 36000LM SEF ACL GND MVOLT)	942.00	126.59
		For >50 To 100, Deduct	*-28.36*	
		For >100 To 250, Deduct	*-51.91*	
		For >250 To 500, Deduct	*-94.20*	
		For >500, Deduct	*-136.49*	
26 51 19 00-0398	EA	48,000 Lumens, 284 Watt, 47.29" Length, LED High Bay Fixture (Lithonia IBG 48000LM SEF ACL GND MVOLT)	1,358.88	128.94
		For >50 To 100, Deduct	*-40.42*	
		For >100 To 250, Deduct	*-74.39*	
		For >250 To 500, Deduct	*-135.89*	
		For >500, Deduct	*-197.39*	
26 51 19 00-0399		**LED High Bay Fixtures (Lithonia IBL)** *(26 51 19 00-0325)*		
26 51 19 00-0400	EA	9,000 Lumens, 45" Length, LED High Bay Fixture (Lithonia IBL 9L)	651.81	128.94
		For >50 To 100, Deduct	*-22.74*	
		For >100 To 250, Deduct	*-39.04*	
		For >250 To 500, Deduct	*-65.18*	
		For >500, Deduct	*-91.32*	
26 51 19 00-0401	EA	12,000 Lumens, 45" Length, LED High Bay Fixture (Lithonia IBL 12L)	703.25	128.94
		For >50 To 100, Deduct	*-24.03*	
		For >100 To 250, Deduct	*-41.61*	
		For >250 To 500, Deduct	*-70.33*	
		For >500, Deduct	*-99.04*	
26 51 19 00-0402	EA	18,000 Lumens, 45" Length, LED High Bay Fixture (Lithonia IBL 18L)	842.12	128.94
		For >50 To 100, Deduct	*-27.50*	
		For >100 To 250, Deduct	*-48.55*	
		For >250 To 500, Deduct	*-84.21*	
		For >500, Deduct	*-119.87*	
26 51 19 00-0403	EA	24,000 Lumens, 45" Length, LED High Bay Fixture (Lithonia IBL 24L)	897.67	128.94
		For >50 To 100, Deduct	*-28.89*	
		For >100 To 250, Deduct	*-51.33*	
		For >250 To 500, Deduct	*-89.77*	
		For >500, Deduct	*-128.20*	
26 51 19 00-0404		**LED High Bay Fixtures (Metalux SSLED)** *(26 51 19 00-0325)*		
26 51 19 00-0405	EA	12,000 Lumens, 80 Watt, 5000K, LED Round High Bay Fixture (Metalux SSLED-LD5-12-M-UNV-L840-CD1U)	767.75	128.94
		For >50 To 100, Deduct	*-25.64*	
		For >100 To 250, Deduct	*-44.83*	
		For >250 To 500, Deduct	*-76.78*	
		For >500, Deduct	*-108.72*	
26 51 19 00-0406	EA	15,000 Lumens, 100 Watt, 5000K, LED Round High Bay Fixture (Metalux SSLED-LD5-15-M-UNV-L840-CD1U)	787.78	128.94
		For >50 To 100, Deduct	*-26.14*	
		For >100 To 250, Deduct	*-45.84*	
		For >250 To 500, Deduct	*-78.78*	
		For >500, Deduct	*-111.72*	
26 51 19 00-0407	EA	18,000 Lumens, 120 Watt, 5000K, LED Round High Bay Fixture (Metalux SSLED-LD5-18-M-UNV-L840-CD1U)	795.85	128.94
		For >50 To 100, Deduct	*-26.34*	
		For >100 To 250, Deduct	*-46.24*	
		For >250 To 500, Deduct	*-79.59*	
		For >500, Deduct	*-112.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0408	EA	24,000 Lumens, 160 Watt, 5000K, LED Round High Bay Fixture (Metalux SSLED-LD5-24-M-UNV-L840-CD1U)	872.65	128.94
		For >50 To 100, Deduct	*-28.26*	
		For >100 To 250, Deduct	*-50.08*	
		For >250 To 500, Deduct	*-87.27*	
		For >500, Deduct	*-124.45*	
26 51 19 00-0409	EA	30,000 Lumens, 200 Watt, 5000K, LED Round High Bay Fixture (Metalux SSLED-LD5-30-M-UNV-L840-CD1U)	962.11	128.94
		For >50 To 100, Deduct	*-30.50*	
		For >100 To 250, Deduct	*-54.55*	
		For >250 To 500, Deduct	*-96.21*	
		For >500, Deduct	*-137.87*	
26 51 19 00-0410	EA	36,000 Lumens, 240 Watt, 5000K, LED Round High Bay Fixture (Metalux SSLED-LD5-36-M-UNV-L840-CD1U)	995.68	128.94
		For >50 To 100, Deduct	*-31.34*	
		For >100 To 250, Deduct	*-56.23*	
		For >250 To 500, Deduct	*-99.57*	
		For >500, Deduct	*-142.91*	

26 51 19 00-0411 LED High Bay Fixtures (PlanLED) *(26 51 19 00-0325)*

26 51 19 00-0412 LED High Bay Fixtures (PlanLED LUNA) *(26 51 19 00-0411)*

Note: Includes aluminum alloy chassis.

26 51 19 00-0413	EA	7,000 Lumens, LED High Bay Fixture (PlanLED LUNA LN70)	975.20	128.94
		For >50 To 100, Deduct	*-30.83*	
		For >100 To 250, Deduct	*-55.21*	
		For >250 To 500, Deduct	*-97.52*	
		For >500, Deduct	*-139.83*	
26 51 19 00-0414	EA	9,800 Lumens, LED High Bay Fixture (PlanLED LUNA LN98)	1,097.66	128.94
		For >50 To 100, Deduct	*-33.89*	
		For >100 To 250, Deduct	*-61.33*	
		For >250 To 500, Deduct	*-109.77*	
		For >500, Deduct	*-158.20*	
26 51 19 00-0415	EA	13,000 Lumens, LED High Bay Fixture (PlanLED LUNA LN130)	1,274.81	128.94
		For >50 To 100, Deduct	*-38.32*	
		For >100 To 250, Deduct	*-70.19*	
		For >250 To 500, Deduct	*-127.48*	
		For >500, Deduct	*-184.77*	
26 51 19 00-0416	EA	16,000 Lumens, LED High Bay Fixture (PlanLED LUNA LN160)	1,447.58	128.94
		For >50 To 100, Deduct	*-42.64*	
		For >100 To 250, Deduct	*-78.83*	
		For >250 To 500, Deduct	*-144.76*	
		For >500, Deduct	*-210.69*	

26 51 19 00-0417 LED High Bay Fixtures (PlanLED IBL) *(26 51 19 00-0411)*

Note: Includes aluminum alloy chassis.

26 51 19 00-0418	EA	13,650 Lumens, 130 Watt, 46.5" Length, LED Indirect High Bay Fixture (PlanLED IBL 130W)	1,062.67	128.94
		For 480 Volt, Add	*61.39*	
		For >50 To 100, Deduct	*-33.01*	
		For >100 To 250, Deduct	*-59.58*	
		For >250 To 500, Deduct	*-106.27*	
		For >500, Deduct	*-152.95*	
26 51 19 00-0419	EA	21,000 Lumens, 200 Watt, 46.5" Length, LED Indirect High Bay Fixture (PlanLED IBL 200W)	1,489.13	128.94
		For 480 Volt, Add	*77.79*	
		For >50 To 100, Deduct	*-43.68*	
		For >100 To 250, Deduct	*-80.90*	
		For >250 To 500, Deduct	*-148.91*	
		For >500, Deduct	*-216.92*	
26 51 19 00-0420	EA	42,000 Lumens, 400 Watt, 46.5" Length, LED Indirect High Bay Fixture (PlanLED IBL 400W)	2,663.51	128.94
		For 480 Volt, Add	*123.44*	
		For >50 To 100, Deduct	*-73.03*	
		For >100 To 250, Deduct	*-139.62*	
		For >250 To 500, Deduct	*-266.35*	
		For >500, Deduct	*-393.08*	

26 51 19 00-0421 LED High Bay Fixtures (PlanLED SEGA) *(26 51 19 00-0411)*

Note: Includes aluminum alloy chassis.

26 51 19 00-0422	EA	10,400 Lumens, 80 Watt, LED High Bay Fixture (PlanLED SEGA SE080)	833.05	128.94
		For 0 To 10 Volt Dimming, Add	*94.53*	
		For >50 To 100, Deduct	*-27.27*	
		For >100 To 250, Deduct	*-48.10*	
		For >250 To 500, Deduct	*-83.31*	
		For >500, Deduct	*-118.51*	
26 51 19 00-0423	EA	13,000 Lumens, 100 Watt, LED High Bay Fixture (PlanLED SEGA SE100)	892.09	128.94
		For 0 To 10 Volt Dimming, Add	*94.53*	
		For >50 To 100, Deduct	*-28.75*	
		For >100 To 250, Deduct	*-51.05*	
		For >250 To 500, Deduct	*-89.21*	
		For >500, Deduct	*-127.37*	
26 51 19 00-0424	EA	16,900 Lumens, 130 Watt, LED High Bay Fixture (PlanLED SEGA SE130)	1,095.48	128.94
		For 0 To 10 Volt Dimming, Add	*94.53*	
		For >50 To 100, Deduct	*-33.83*	
		For >100 To 250, Deduct	*-61.22*	
		For >250 To 500, Deduct	*-109.55*	
		For >500, Deduct	*-157.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0425	EA	20,800 Lumens, 160 Watt, LED High Bay Fixture (PlanLED SEGA SE160)	1,242.00	128.94
		For 0 To 10 Volt Dimming, Add	*94.53*	
		For >50 To 100, Deduct	*-37.50*	
		For >100 To 250, Deduct	*-68.55*	
		For >250 To 500, Deduct	*-124.20*	
		For >500, Deduct	*-179.85*	
26 51 19 00-0426	EA	50,000 Lumens, 400 Watt, Array, LED High Bay Fixture (PlanLED SEGA SE400)	2,322.35	128.94
		For >50 To 100, Deduct	*-64.51*	
		For >100 To 250, Deduct	*-122.56*	
		For >250 To 500, Deduct	*-232.24*	
		For >500, Deduct	*-341.91*	
26 51 19 00-0427	EA	57,040 Lumens, 500 Watt, Array, LED High Bay Fixture (PlanLED SEGA SE500)	2,514.80	128.94
		For >50 To 100, Deduct	*-69.32*	
		For >100 To 250, Deduct	*-132.19*	
		For >250 To 500, Deduct	*-251.48*	
		For >500, Deduct	*-370.77*	
26 51 19 00-0428	EA	80,000 Lumens, 640 Watt, Array, LED High Bay Fixture (PlanLED SEGA SE640)	3,839.82	128.94
		For >50 To 100, Deduct	*-102.44*	
		For >100 To 250, Deduct	*-198.44*	
		For >250 To 500, Deduct	*-383.98*	
		For >500, Deduct	*-569.53*	

26 51 19 00-0429 Wet/Hazardous Location, LED Fixtures *(26 51 19 00-0001)*

26 51 19 00-0430 Wet Location, LED Fixtures *(26 51 19 00-0429)*

26 51 19 00-0431 Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM) *(26 51 19 00-0430)*

Note: Includes 5,600K CRI LED arrays, heat and impact resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.

26 51 19 00-0432	EA	3,531 Lumens, 29 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM3L)	3,714.78	98.47
		For Ceiling Mount, Add	*33.21*	
		For Quick Clip Mounting Option, Add	*48.82*	
		For Frosted Lens, Add	*104.99*	
		For Warm White Color Rendering, Add	*135.16*	
		For Stanchion Mount, Add	*226.52*	
		For Wall Mount, Add	*250.75*	
		For Polycarbonate Lens, Add	*194.60*	
		For Teflon Coated Lens, Add	*222.85*	
		For 480 Volt, Add	*318.34*	
		For >50 To 100, Deduct	*-96.97*	
		For >100 To 250, Deduct	*-189.84*	
		For >250 To 500, Deduct	*-371.48*	
		For >500, Deduct	*-553.11*	
26 51 19 00-0433	EA	5,335 Lumens, 43 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM5L)	3,782.62	105.49
		For Ceiling Mount, Add	*33.21*	
		For Quick Clip Mounting Option, Add	*48.82*	
		For Frosted Lens, Add	*104.99*	
		For Warm White Color Rendering, Add	*135.16*	
		For Stanchion Mount, Add	*226.52*	
		For Wall Mount, Add	*250.75*	
		For Polycarbonate Lens, Add	*194.60*	
		For Teflon Coated Lens, Add	*222.85*	
		For 480 Volt, Add	*318.34*	
		For >50 To 100, Deduct	*-98.96*	
		For >100 To 250, Deduct	*-193.53*	
		For >250 To 500, Deduct	*-378.26*	
		For >500, Deduct	*-563.00*	
26 51 19 00-0434	EA	7,195 Lumens, 62 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM7L)	4,277.47	112.53
		For Ceiling Mount, Add	*33.21*	
		For Quick Clip Mounting Option, Add	*48.82*	
		For Frosted Lens, Add	*104.99*	
		For Warm White Color Rendering, Add	*135.16*	
		For Stanchion Mount, Add	*226.52*	
		For Wall Mount, Add	*250.75*	
		For Polycarbonate Lens, Add	*194.60*	
		For Teflon Coated Lens, Add	*222.85*	
		For 480 Volt, Add	*318.34*	
		For >50 To 100, Deduct	*-111.63*	
		For >100 To 250, Deduct	*-218.56*	
		For >250 To 500, Deduct	*-427.75*	
		For >500, Deduct	*-636.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0435	EA	9,266 Lumens, 85 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM9L)	5,164.20	119.56
		For Ceiling Mount, Add	*33.21*	
		For Quick Clip Mounting Option, Add	*48.82*	
		For Frosted Lens, Add	*104.99*	
		For Warm White Color Rendering, Add	*135.16*	
		For Stanchion Mount, Add	*226.52*	
		For Wall Mount, Add	*250.75*	
		For Polycarbonate Lens, Add	*194.60*	
		For Teflon Coated Lens, Add	*222.85*	
		For 480 Volt, Add	*318.34*	
		For >50 To 100, Deduct	*-134.09*	
		For >100 To 250, Deduct	*-263.19*	
		For >250 To 500, Deduct	*-516.42*	
		For >500, Deduct	*-769.65*	
26 51 19 00-0436	EA	11,440 Lumens, 113 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM11L)	6,610.71	126.59
		For Ceiling Mount, Add	*33.21*	
		For Quick Clip Mounting Option, Add	*48.82*	
		For Frosted Lens, Add	*104.99*	
		For Warm White Color Rendering, Add	*135.16*	
		For Stanchion Mount, Add	*226.52*	
		For Wall Mount, Add	*250.75*	
		For Polycarbonate Lens, Add	*194.60*	
		For Teflon Coated Lens, Add	*222.85*	
		For 480 Volt, Add	*318.34*	
		For >50 To 100, Deduct	*-170.54*	
		For >100 To 250, Deduct	*-335.81*	
		For >250 To 500, Deduct	*-661.07*	
		For >500, Deduct	*-986.33*	
26 51 19 00-0437	EA	13,226 Lumens, 131 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM11L)	8,732.40	130.11
		For Ceiling Mount, Add	*33.21*	
		For Quick Clip Mounting Option, Add	*48.82*	
		For Frosted Lens, Add	*104.99*	
		For Warm White Color Rendering, Add	*135.16*	
		For Stanchion Mount, Add	*226.52*	
		For Wall Mount, Add	*250.75*	
		For Polycarbonate Lens, Add	*194.60*	
		For Teflon Coated Lens, Add	*222.85*	
		For 480 Volt, Add	*318.34*	
		For >50 To 100, Deduct	*-223.73*	
		For >100 To 250, Deduct	*-442.04*	
		For >250 To 500, Deduct	*-873.24*	
		For >500, Deduct	*-1,304.44*	
26 51 19 00-0438	EA	18,793 Lumens, 168 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM17L)	10,129.64	133.63
		For Ceiling Mount, Add	*33.21*	
		For Quick Clip Mounting Option, Add	*48.82*	
		For Frosted Lens, Add	*104.99*	
		For Warm White Color Rendering, Add	*135.16*	
		For Stanchion Mount, Add	*226.52*	
		For Wall Mount, Add	*250.75*	
		For Polycarbonate Lens, Add	*194.60*	
		For Teflon Coated Lens, Add	*222.85*	
		For 480 Volt, Add	*318.34*	
		For >50 To 100, Deduct	*-258.81*	
		For >100 To 250, Deduct	*-512.05*	
		For >250 To 500, Deduct	*-1,012.96*	
		For >500, Deduct	*-1,513.88*	
26 51 19 00-0439		Wet Location, NEMA 4X, LED Floodlight (Cooper Champ® Pro PFM) *(26 51 19 00-0430)*		
		Note: Includes 5,600K CRI LED arrays, shatter resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.		
26 51 19 00-0440	EA	5,183 Lumens, 45 Watt, Yoke Mount, Wet Location, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® Pro PFM5L)	3,332.73	105.49
		For Bolt-On Visor, Add	*180.77*	
		For Bolt-On Wire Guard, Add	*371.82*	
		For 480 Volt, Add	*318.34*	
		For Warm White Color Rendering, Add	*135.16*	
		For >50 To 100, Deduct	*-87.71*	
		For >100 To 250, Deduct	*-171.03*	
		For >250 To 500, Deduct	*-333.27*	
		For >500, Deduct	*-495.51*	
26 51 19 00-0441	EA	7,095 Lumens, 62 Watt, Yoke Mount, Wet Location, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® Pro PFM7L)	4,959.14	112.53
		For Bolt-On Visor, Add	*180.77*	
		For Bolt-On Wire Guard, Add	*371.82*	
		For 480 Volt, Add	*318.34*	
		For Warm White Color Rendering, Add	*135.16*	
		For >50 To 100, Deduct	*-128.67*	
		For >100 To 250, Deduct	*-252.65*	
		For >250 To 500, Deduct	*-495.91*	
		For >500, Deduct	*-739.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0442	EA	9,132 Lumens, 79 Watt, Yoke Mount, Wet Location, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® Pro PFM9L)	5,472.70	119.56
		For Bolt-On Visor, Add	*180.77*	
		For Bolt-On Wire Guard, Add	*371.82*	
		For 480 Volt, Add	*318.34*	
		For Warm White Color Rendering, Add	*135.16*	
		For >50 To 100, Deduct	*-141.80*	
		For >100 To 250, Deduct	*-278.62*	
		For >250 To 500, Deduct	*-547.27*	
		For >500, Deduct	*-815.92*	
26 51 19 00-0443	EA	11,107 Lumens, 99 Watt, Yoke Mount, Wet Location, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® Pro PFM11L)	6,293.78	126.59
		For Bolt-On Visor, Add	*180.77*	
		For Bolt-On Wire Guard, Add	*371.82*	
		For 480 Volt, Add	*318.34*	
		For Warm White Color Rendering, Add	*135.16*	
		For >50 To 100, Deduct	*-162.62*	
		For >100 To 250, Deduct	*-319.96*	
		For >250 To 500, Deduct	*-629.38*	
		For >500, Deduct	*-938.79*	

26 51 19 00-0444 Wet Location, NEMA 4X, Low Bay, LED Fixture (Cooper Vaporgard™ Pro P2L) *(26 51 19 00-0430)*

Note: Includes 5,600K CRI LED arrays, heat resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.

26 51 19 00-0445	EA	1,400 Lumens, 25 Watt, Pendant Mount, Wet Location, NEMA 4X, Low Bay, LED Fixture (Cooper Vaporgard™ Pro P2LC)	2,287.16	98.47
		For 12/24 Volt DC Driver, Add	*51.38*	
		For Frosted Lens, Add	*104.99*	
		For 55 Degree Ambient Suitability (AC Only), Add	*69.95*	
		For Warm White Color Rendering, Add	*135.16*	
		For Ceiling Mount, Add	*159.62*	
		For Wall Mount, Add	*231.49*	
		For Teflon Coated Lens, Add	*222.85*	
		For Wall Mount With Junction Box, Add	*336.28*	
		For >50 To 100, Deduct	*-61.28*	
		For >100 To 250, Deduct	*-118.46*	
		For >250 To 500, Deduct	*-228.72*	
		For >500, Deduct	*-338.97*	

26 51 19 00-0446 Vaportight, LED Fixtures *(26 51 19 00-0429)*

26 51 19 00-0447 General Distribution, Vaportight, LED Fixtures (Metalux) *(26 51 19 00-0446)*

26 51 19 00-0448	EA	2', 2,000 Lumens, 16 Watt, 120-277 Volt, Dimming, General Distribution, Vaportight Industrial LED Fixture (Metalux 2VT3-LD5-2-G-UNV-L850-CD1-U)	338.11	56.27
		For >50 To 100, Deduct	*-10.80*	
		For >100 To 250, Deduct	*-19.25*	
		For >250 To 500, Deduct	*-33.81*	
		For >500, Deduct	*-48.37*	
26 51 19 00-0449	EA	2', 3,000 Lumens, 24 Watt, 120-277 Volt, Dimming, General Distribution, Vaportight Industrial LED Fixture (Metalux 2VT3-LD5-3-G-UNV-L850-CD1-U)	352.69	56.27
		For >50 To 100, Deduct	*-11.16*	
		For >100 To 250, Deduct	*-19.98*	
		For >250 To 500, Deduct	*-35.27*	
		For >500, Deduct	*-50.56*	
26 51 19 00-0450	EA	2', 4,000 Lumens, 32 Watt, 120-277 Volt, Dimming, General Distribution, Vaportight Industrial LED Fixture (Metalux 2VT3-LD5-4-G-UNV-L850-CD1-U)	381.88	56.27
		For >50 To 100, Deduct	*-11.89*	
		For >100 To 250, Deduct	*-21.44*	
		For >250 To 500, Deduct	*-38.19*	
		For >500, Deduct	*-54.94*	
26 51 19 00-0451	EA	4', 4,000 Lumens, 32 Watt, 120-277 Volt, Dimming, General Distribution, Vaportight Industrial LED Fixture (Metalux 4VT3-LD5-4-G-UNV-L850-CD1-U)	341.47	70.33
		For >50 To 100, Deduct	*-11.47*	
		For >100 To 250, Deduct	*-20.00*	
		For >250 To 500, Deduct	*-34.15*	
		For >500, Deduct	*-48.29*	
26 51 19 00-0452	EA	4', 6,000 Lumens, 51 Watt, 120-277 Volt, Dimming, General Distribution, Vaportight Industrial LED Fixture (Metalux 4VT3-LD5-6-G-UNV-L850-CD1-U)	383.32	70.33
		For >50 To 100, Deduct	*-12.51*	
		For >100 To 250, Deduct	*-22.10*	
		For >250 To 500, Deduct	*-38.33*	
		For >500, Deduct	*-54.57*	
26 51 19 00-0453	EA	4', 8,000 Lumens, 67 Watt, 120-277 Volt, Dimming, General Distribution, Vaportight Industrial LED Fixture (Metalux 4VT3-LD5-8-G-UNV-L850-CD1-U)	536.64	70.33
		For >50 To 100, Deduct	*-16.35*	
		For >100 To 250, Deduct	*-29.76*	
		For >250 To 500, Deduct	*-53.66*	
		For >500, Deduct	*-77.57*	

26 51 19 00-0454 Wide Distribution, Vaportight, LED Fixtures (Metalux) *(26 51 19 00-0446)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0455	EA	2', 2,000 Lumens, 17 Watt, 120-277 Volt, Dimming, Wide Distribution, Vaportight Industrial LED Fixture (Metalux 2VT3-LD5-2-W-UNV-L850-CD1-U)	367.29	56.27
		For >50 To 100, Deduct	*-11.53*	
		For >100 To 250, Deduct	*-20.71*	
		For >250 To 500, Deduct	*-36.73*	
		For >500, Deduct	*-52.75*	
26 51 19 00-0456	EA	2', 3,000 Lumens, 25 Watt, 120-277 Volt, Dimming, Wide Distribution, Vaportight Industrial LED Fixture (Metalux 2VT3-LD5-3-W-UNV-L850-CD1-U)	381.88	56.27
		For >50 To 100, Deduct	*-11.89*	
		For >100 To 250, Deduct	*-21.44*	
		For >250 To 500, Deduct	*-38.19*	
		For >500, Deduct	*-54.94*	
26 51 19 00-0457	EA	2', 4,000 Lumens, 34 Watt, 120-277 Volt, Dimming, Wide Distribution, Vaportight Industrial LED Fixture (Metalux 2VT3-LD5-4-W-UNV-L850-CD1-U)	411.06	56.27
		For >50 To 100, Deduct	*-12.62*	
		For >100 To 250, Deduct	*-22.90*	
		For >250 To 500, Deduct	*-41.11*	
		For >500, Deduct	*-59.31*	
26 51 19 00-0458	EA	4', 4,000 Lumens, 31 Watt, 120-277 Volt, Dimming, Wide Distribution, Vaportight Industrial LED Fixture (Metalux 4VT3-LD5-4-W-UNV-L850-CD1-U)	478.28	70.33
		For >50 To 100, Deduct	*-14.89*	
		For >100 To 250, Deduct	*-26.84*	
		For >250 To 500, Deduct	*-47.83*	
		For >500, Deduct	*-68.81*	
26 51 19 00-0459	EA	4', 6,000 Lumens, 49 Watt, 120-277 Volt, Dimming, Wide Distribution, Vaportight Industrial LED Fixture (Metalux 4VT3-LD5-6-W-UNV-L850-CD1-U)	536.64	70.33
		For >50 To 100, Deduct	*-16.35*	
		For >100 To 250, Deduct	*-29.76*	
		For >250 To 500, Deduct	*-53.66*	
		For >500, Deduct	*-77.57*	
26 51 19 00-0460	EA	4', 8,000 Lumens, 70 Watt, 120-277 Volt, Dimming, Wide Distribution, Vaportight Industrial LED Fixture (Metalux 4VT3-LD5-8-W-UNV-L850-CD1-U)	595.01	70.33
		For >50 To 100, Deduct	*-17.81*	
		For >100 To 250, Deduct	*-32.68*	
		For >250 To 500, Deduct	*-59.50*	
		For >500, Deduct	*-86.32*	
26 51 19 00-0461		Parking Garage Distribution, Vaportight, LED Fixtures (Metalux) *(26 51 19 00-0446)*		
26 51 19 00-0462	EA	2', 2,000 Lumens, 17 Watt, 120-277 Volt, Dimming, Parking Garage Distribution, Vaportight Industrial LED Fixture (Metalux 2VT3-LD5-2-P-UNV-L850-CD1-U)	367.29	56.27
		For >50 To 100, Deduct	*-11.53*	
		For >100 To 250, Deduct	*-20.71*	
		For >250 To 500, Deduct	*-36.73*	
		For >500, Deduct	*-52.75*	
26 51 19 00-0463	EA	2', 3,000 Lumens, 25 Watt, 120-277 Volt, Dimming, Parking Garage Distribution, Vaportight Industrial LED Fixture (Metalux 2VT3-LD5-3-P-UNV-L850-CD1-U)	382.99	56.27
		For >50 To 100, Deduct	*-11.92*	
		For >100 To 250, Deduct	*-21.49*	
		For >250 To 500, Deduct	*-38.30*	
		For >500, Deduct	*-55.10*	
26 51 19 00-0464	EA	2', 4,000 Lumens, 34 Watt, 120-277 Volt, Dimming, Parking Garage Distribution, Vaportight Industrial LED Fixture (Metalux 2VT3-LD5-4-P-UNV-L850-CD1-U)	411.06	56.27
		For >50 To 100, Deduct	*-12.62*	
		For >100 To 250, Deduct	*-22.90*	
		For >250 To 500, Deduct	*-41.11*	
		For >500, Deduct	*-59.31*	
26 51 19 00-0465	EA	4', 4,000 Lumens, 31 Watt, 120-277 Volt, Dimming, Parking Garage Distribution, Vaportight Industrial LED Fixture (Metalux 4VT3-LD5-4-P-UNV-L850-CD1-U)	478.28	70.33
		For >50 To 100, Deduct	*-14.89*	
		For >100 To 250, Deduct	*-26.84*	
		For >250 To 500, Deduct	*-47.83*	
		For >500, Deduct	*-68.81*	
26 51 19 00-0466	EA	4', 6,000 Lumens, 49 Watt, 120-277 Volt, Dimming, Parking Garage Distribution, Vaportight Industrial LED Fixture (Metalux 4VT3-LD5-6-P-UNV-L850-CD1-U)	536.64	70.33
		For >50 To 100, Deduct	*-16.35*	
		For >100 To 250, Deduct	*-29.76*	
		For >250 To 500, Deduct	*-53.66*	
		For >500, Deduct	*-77.57*	
26 51 19 00-0467	EA	4', 8,000 Lumens, 69 Watt, 120-277 Volt, Dimming, Parking Garage Distribution, Vaportight Industrial LED Fixture (Metalux 4VT3-LD5-8-P-UNV-L850-CD1-U)	595.01	70.33
		For >50 To 100, Deduct	*-17.81*	
		For >100 To 250, Deduct	*-32.68*	
		For >250 To 500, Deduct	*-59.50*	
		For >500, Deduct	*-86.32*	
26 51 19 00-0468		Ceiling Mounted LED Fixtures *(26 51 19 00-0001)*		
26 51 19 00-0469		Ceiling Mounted, LED Drum Fixtures (Enertron) *(26 51 19 00-0468)*		
26 51 19 00-0470	EA	11" Diameter, 530 Lumens, 7 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED1X611-30)	130.79	46.88
		For >50 To 100, Deduct	*-5.03*	
		For >100 To 250, Deduct	*-8.30*	
		For >250 To 500, Deduct	*-13.08*	
		For >500, Deduct	*-17.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0471	EA	11" Diameter, 1,060 Lumens, 10 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED2X611-30)	136.79	46.88
		For >50 To 100, Deduct	*-5.18*	
		For >100 To 250, Deduct	*-8.60*	
		For >250 To 500, Deduct	*-13.68*	
		For >500, Deduct	*-18.76*	
26 51 19 00-0472	EA	11" Diameter, 1,590 Lumens, 14 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED3X611-30)	142.80	46.88
		For >50 To 100, Deduct	*-5.33*	
		For >100 To 250, Deduct	*-8.90*	
		For >250 To 500, Deduct	*-14.28*	
		For >500, Deduct	*-19.66*	
26 51 19 00-0473	EA	11" Diameter, 2,120 Lumens, 17 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED4X611-30)	148.80	46.88
		For >50 To 100, Deduct	*-5.48*	
		For >100 To 250, Deduct	*-9.20*	
		For >250 To 500, Deduct	*-14.88*	
		For >500, Deduct	*-20.56*	
26 51 19 00-0474	EA	14" Diameter, 530 Lumens, 7 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED1X614-30)	144.05	51.57
		For >50 To 100, Deduct	*-5.54*	
		For >100 To 250, Deduct	*-9.14*	
		For >250 To 500, Deduct	*-14.41*	
		For >500, Deduct	*-19.67*	
26 51 19 00-0475	EA	14" Diameter, 1,060 Lumens, 10 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED2X614-30)	150.05	51.57
		For >50 To 100, Deduct	*-5.69*	
		For >100 To 250, Deduct	*-9.44*	
		For >250 To 500, Deduct	*-15.01*	
		For >500, Deduct	*-20.57*	
26 51 19 00-0476	EA	14" Diameter, 1,590 Lumens, 14 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED3X614-30)	156.05	51.57
		For >50 To 100, Deduct	*-5.84*	
		For >100 To 250, Deduct	*-9.74*	
		For >250 To 500, Deduct	*-15.61*	
		For >500, Deduct	*-21.47*	
26 51 19 00-0477	EA	14" Diameter, 2,120 Lumens, 17 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED4X614-30)	162.06	51.57
		For >50 To 100, Deduct	*-5.99*	
		For >100 To 250, Deduct	*-10.04*	
		For >250 To 500, Deduct	*-16.21*	
		For >500, Deduct	*-22.37*	
26 51 19 00-0478	EA	14" Diameter, 3,180 Lumens, 24 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED6X614-30)	174.06	51.57
		For >50 To 100, Deduct	*-6.29*	
		For >100 To 250, Deduct	*-10.64*	
		For >250 To 500, Deduct	*-17.41*	
		For >500, Deduct	*-24.17*	
26 51 19 00-0479	EA	11" Diameter, 530 Lumens, 7 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED1X611-35)	130.79	46.88
		For >50 To 100, Deduct	*-5.03*	
		For >100 To 250, Deduct	*-8.30*	
		For >250 To 500, Deduct	*-13.08*	
		For >500, Deduct	*-17.86*	
26 51 19 00-0480	EA	11" Diameter, 1,060 Lumens, 10 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED2X611-35)	136.79	46.88
		For >50 To 100, Deduct	*-5.18*	
		For >100 To 250, Deduct	*-8.60*	
		For >250 To 500, Deduct	*-13.68*	
		For >500, Deduct	*-18.76*	
26 51 19 00-0481	EA	11" Diameter, 1,590 Lumens, 14 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED3X611-35)	142.79	46.88
		For >50 To 100, Deduct	*-5.33*	
		For >100 To 250, Deduct	*-8.90*	
		For >250 To 500, Deduct	*-14.28*	
		For >500, Deduct	*-19.66*	
26 51 19 00-0482	EA	11" Diameter, 2,120 Lumens, 17 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED4X611-35)	148.80	46.88
		For >50 To 100, Deduct	*-5.48*	
		For >100 To 250, Deduct	*-9.20*	
		For >250 To 500, Deduct	*-14.88*	
		For >500, Deduct	*-20.56*	
26 51 19 00-0483	EA	14" Diameter, 530 Lumens, 7 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED1X614-35)	144.05	51.57
		For >50 To 100, Deduct	*-5.54*	
		For >100 To 250, Deduct	*-9.14*	
		For >250 To 500, Deduct	*-14.41*	
		For >500, Deduct	*-19.67*	
26 51 19 00-0484	EA	14" Diameter, 1,060 Lumens, 10 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED2X614-35)	150.05	51.57
		For >50 To 100, Deduct	*-5.69*	
		For >100 To 250, Deduct	*-9.44*	
		For >250 To 500, Deduct	*-15.01*	
		For >500, Deduct	*-20.57*	
26 51 19 00-0485	EA	14" Diameter, 1,590 Lumens, 14 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED3X614-35)	156.05	51.57
		For >50 To 100, Deduct	*-5.84*	
		For >100 To 250, Deduct	*-9.74*	
		For >250 To 500, Deduct	*-15.61*	
		For >500, Deduct	*-21.47*	
26 51 19 00-0486	EA	14" Diameter, 2,120 Lumens, 17 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED4X614-35)	162.06	51.57
		For >50 To 100, Deduct	*-5.99*	
		For >100 To 250, Deduct	*-10.04*	
		For >250 To 500, Deduct	*-16.21*	
		For >500, Deduct	*-22.37*	
26 51 19 00-0487	EA	14" Diameter, 3,180 Lumens, 24 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED6X614-30)	174.06	51.57
		For >50 To 100, Deduct	*-6.29*	
		For >100 To 250, Deduct	*-10.64*	
		For >250 To 500, Deduct	*-17.41*	
		For >500, Deduct	*-24.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0488	EA	11" Diameter, 550 Lumens, 7 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED1X611-40)	130.79	46.88
		For >50 To 100, Deduct	*-5.03*	
		For >100 To 250, Deduct	*-8.30*	
		For >250 To 500, Deduct	*-13.08*	
		For >500, Deduct	*-17.86*	
26 51 19 00-0489	EA	11" Diameter, 1,100 Lumens, 10 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED2X611-40)	136.79	46.88
		For >50 To 100, Deduct	*-5.18*	
		For >100 To 250, Deduct	*-8.60*	
		For >250 To 500, Deduct	*-13.68*	
		For >500, Deduct	*-18.76*	
26 51 19 00-0490	EA	11" Diameter, 1,650 Lumens, 14 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED3X611-40)	142.79	46.88
		For >50 To 100, Deduct	*-5.33*	
		For >100 To 250, Deduct	*-8.90*	
		For >250 To 500, Deduct	*-14.28*	
		For >500, Deduct	*-19.66*	
26 51 19 00-0491	EA	11" Diameter, 2,200 Lumens, 17 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED4X611-40)	148.80	46.88
		For >50 To 100, Deduct	*-5.48*	
		For >100 To 250, Deduct	*-9.20*	
		For >250 To 500, Deduct	*-14.88*	
		For >500, Deduct	*-20.56*	
26 51 19 00-0492	EA	14" Diameter, 550 Lumens, 7 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED1X614-40)	144.05	51.57
		For >50 To 100, Deduct	*-5.54*	
		For >100 To 250, Deduct	*-9.14*	
		For >250 To 500, Deduct	*-14.41*	
		For >500, Deduct	*-19.67*	
26 51 19 00-0493	EA	14" Diameter, 1,100 Lumens, 10 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED2X614-40)	150.05	51.57
		For >50 To 100, Deduct	*-5.69*	
		For >100 To 250, Deduct	*-9.44*	
		For >250 To 500, Deduct	*-15.01*	
		For >500, Deduct	*-20.57*	
26 51 19 00-0494	EA	14" Diameter, 1,650 Lumens, 14 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED3X614-40)	156.05	51.57
		For >50 To 100, Deduct	*-5.84*	
		For >100 To 250, Deduct	*-9.74*	
		For >250 To 500, Deduct	*-15.61*	
		For >500, Deduct	*-21.47*	
26 51 19 00-0495	EA	14" Diameter, 2,200 Lumens, 17 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED4X614-40)	162.06	51.57
		For >50 To 100, Deduct	*-5.99*	
		For >100 To 250, Deduct	*-10.04*	
		For >250 To 500, Deduct	*-16.21*	
		For >500, Deduct	*-22.37*	
26 51 19 00-0496	EA	14" Diameter, 3,300 Lumens, 24 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED6X614-40)	174.06	51.57
		For >50 To 100, Deduct	*-6.29*	
		For >100 To 250, Deduct	*-10.64*	
		For >250 To 500, Deduct	*-17.41*	
		For >500, Deduct	*-24.17*	
26 51 19 00-0497	EA	11" Diameter, 560 Lumens, 7 Watt, 5000K CCT, LED Drum Fixture (Enertron 10LED1X611-50)	130.79	46.88
		For >50 To 100, Deduct	*-5.03*	
		For >100 To 250, Deduct	*-8.30*	
		For >250 To 500, Deduct	*-13.08*	
		For >500, Deduct	*-17.86*	
26 51 19 00-0498	EA	11" Diameter, 1,120 Lumens, 10 Watt, 5000K CCT, LED Drum Fixture (Enertron 10LED2X611-50)	136.79	46.88
		For >50 To 100, Deduct	*-5.18*	
		For >100 To 250, Deduct	*-8.60*	
		For >250 To 500, Deduct	*-13.68*	
		For >500, Deduct	*-18.76*	
26 51 19 00-0499	EA	11" Diameter, 1,680 Lumens, 14 Watt, 5000K CCT, LED Drum Fixture (Enertron 10LED3X611-50)	142.79	46.88
		For >50 To 100, Deduct	*-5.33*	
		For >100 To 250, Deduct	*-8.90*	
		For >250 To 500, Deduct	*-14.28*	
		For >500, Deduct	*-19.66*	
26 51 19 00-0500	EA	11" Diameter, 2,240 Lumens, 17 Watt, 5000K CCT, LED Drum Fixture (Enertron 10LED4X611-50)	148.80	46.88
		For >50 To 100, Deduct	*-5.48*	
		For >100 To 250, Deduct	*-9.20*	
		For >250 To 500, Deduct	*-14.88*	
		For >500, Deduct	*-20.56*	
26 51 19 00-0501	EA	14" Diameter, 560 Lumens, 7 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED1X614-40)	144.05	51.57
		For >50 To 100, Deduct	*-5.54*	
		For >100 To 250, Deduct	*-9.14*	
		For >250 To 500, Deduct	*-14.41*	
		For >500, Deduct	*-19.67*	
26 51 19 00-0502	EA	14" Diameter, 1,120 Lumens, 10 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED2X614-40)	150.05	51.57
		For >50 To 100, Deduct	*-5.69*	
		For >100 To 250, Deduct	*-9.44*	
		For >250 To 500, Deduct	*-15.01*	
		For >500, Deduct	*-20.57*	
26 51 19 00-0503	EA	14" Diameter, 1,680 Lumens, 14 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED3X614-40)	156.05	51.57
		For >50 To 100, Deduct	*-5.84*	
		For >100 To 250, Deduct	*-9.74*	
		For >250 To 500, Deduct	*-15.61*	
		For >500, Deduct	*-21.47*	
26 51 19 00-0504	EA	14" Diameter, 2,240 Lumens, 17 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED4X614-40)	162.06	51.57
		For >50 To 100, Deduct	*-5.99*	
		For >100 To 250, Deduct	*-10.04*	
		For >250 To 500, Deduct	*-16.21*	
		For >500, Deduct	*-22.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0505	EA	14" Diameter, 3,360 Lumens, 24 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED6X614-40)	174.06	51.57
		For >50 To 100, Deduct	*-6.29*	
		For >100 To 250, Deduct	*-10.64*	
		For >250 To 500, Deduct	*-17.41*	
		For >500, Deduct	*-24.17*	
26 51 19 00-0506	EA	19" Diameter, 1,060 Lumens, 10 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED1X12S19-30)	179.94	55.67
		For >50 To 100, Deduct	*-6.61*	
		For >100 To 250, Deduct	*-11.11*	
		For >250 To 500, Deduct	*-17.99*	
		For >500, Deduct	*-24.88*	
26 51 19 00-0507	EA	19" Diameter, 2,120 Lumens, 17 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED4X619-30)	193.58	55.67
		For >50 To 100, Deduct	*-6.95*	
		For >100 To 250, Deduct	*-11.79*	
		For >250 To 500, Deduct	*-19.36*	
		For >500, Deduct	*-26.93*	
26 51 19 00-0508	EA	19" Diameter, 2,120 Lumens, 17 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED2X12S19-30)	190.25	55.67
		For >50 To 100, Deduct	*-6.87*	
		For >100 To 250, Deduct	*-11.62*	
		For >250 To 500, Deduct	*-19.03*	
		For >500, Deduct	*-26.43*	
26 51 19 00-0509	EA	19" Diameter, 1,910 Lumens, 18 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED1X12H19-30)	190.19	55.67
		For >50 To 100, Deduct	*-6.86*	
		For >100 To 250, Deduct	*-11.62*	
		For >250 To 500, Deduct	*-19.02*	
		For >500, Deduct	*-26.42*	
26 51 19 00-0510	EA	19" Diameter, 3,180 Lumens, 24 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED6X619-30)	205.58	55.67
		For >50 To 100, Deduct	*-7.25*	
		For >100 To 250, Deduct	*-12.39*	
		For >250 To 500, Deduct	*-20.56*	
		For >500, Deduct	*-28.73*	
26 51 19 00-0511	EA	19" Diameter, 3,160 Lumens, 25 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED3X12S19-30)	200.62	55.67
		For >50 To 100, Deduct	*-7.13*	
		For >100 To 250, Deduct	*-12.14*	
		For >250 To 500, Deduct	*-20.06*	
		For >500, Deduct	*-27.98*	
26 51 19 00-0512	EA	19" Diameter, 4,240 Lumens, 31 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED8X619-30)	221.41	55.67
		For >50 To 100, Deduct	*-7.65*	
		For >100 To 250, Deduct	*-13.18*	
		For >250 To 500, Deduct	*-22.14*	
		For >500, Deduct	*-31.10*	
26 51 19 00-0513	EA	19" Diameter, 3,820 Lumens, 32 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED2X12H19-30)	214.64	55.67
		For >50 To 100, Deduct	*-7.48*	
		For >100 To 250, Deduct	*-12.84*	
		For >250 To 500, Deduct	*-21.46*	
		For >500, Deduct	*-30.09*	
26 51 19 00-0514	EA	19" Diameter, 4,240 Lumens, 32 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED4X12S19-30)	214.69	55.67
		For >50 To 100, Deduct	*-7.48*	
		For >100 To 250, Deduct	*-12.84*	
		For >250 To 500, Deduct	*-21.47*	
		For >500, Deduct	*-30.09*	
26 51 19 00-0515	EA	19" Diameter, 1,060 Lumens, 10 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED1X12S19-35)	179.94	55.67
		For >50 To 100, Deduct	*-6.61*	
		For >100 To 250, Deduct	*-11.11*	
		For >250 To 500, Deduct	*-17.99*	
		For >500, Deduct	*-24.88*	
26 51 19 00-0516	EA	19" Diameter, 2,120 Lumens, 17 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED4X619-35)	193.58	55.67
		For >50 To 100, Deduct	*-6.95*	
		For >100 To 250, Deduct	*-11.79*	
		For >250 To 500, Deduct	*-19.36*	
		For >500, Deduct	*-26.93*	
26 51 19 00-0517	EA	19" Diameter, 2,120 Lumens, 17 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED2X12S19-35)	190.25	55.67
		For >50 To 100, Deduct	*-6.87*	
		For >100 To 250, Deduct	*-11.62*	
		For >250 To 500, Deduct	*-19.03*	
		For >500, Deduct	*-26.43*	
26 51 19 00-0518	EA	19" Diameter, 1,910 Lumens, 18 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED1X12H19-35)	190.19	55.67
		For >50 To 100, Deduct	*-6.86*	
		For >100 To 250, Deduct	*-11.62*	
		For >250 To 500, Deduct	*-19.02*	
		For >500, Deduct	*-26.42*	
26 51 19 00-0519	EA	19" Diameter, 3,180 Lumens, 24 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED6X619-30)	205.58	55.67
		For >50 To 100, Deduct	*-7.25*	
		For >100 To 250, Deduct	*-12.39*	
		For >250 To 500, Deduct	*-20.56*	
		For >500, Deduct	*-28.73*	
26 51 19 00-0520	EA	19" Diameter, 3,160 Lumens, 25 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED3X12S19-30)	200.62	55.67
		For >50 To 100, Deduct	*-7.13*	
		For >100 To 250, Deduct	*-12.14*	
		For >250 To 500, Deduct	*-20.06*	
		For >500, Deduct	*-27.98*	
26 51 19 00-0521	EA	19" Diameter, 4,240 Lumens, 31 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED8X619-30)	221.41	55.67
		For >50 To 100, Deduct	*-7.65*	
		For >100 To 250, Deduct	*-13.18*	
		For >250 To 500, Deduct	*-22.14*	
		For >500, Deduct	*-31.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0522	EA	19" Diameter, 3,820 Lumens, 32 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED2X12H19-35)	214.64	55.67
		For >50 To 100, Deduct	*-7.48*	
		For >100 To 250, Deduct	*-12.84*	
		For >250 To 500, Deduct	*-21.46*	
		For >500, Deduct	*-30.09*	
26 51 19 00-0523	EA	19" Diameter, 4,240 Lumens, 32 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED4X12S19-35)	214.69	55.67
		For >50 To 100, Deduct	*-7.48*	
		For >100 To 250, Deduct	*-12.84*	
		For >250 To 500, Deduct	*-21.47*	
		For >500, Deduct	*-30.09*	
26 51 19 00-0524	EA	19" Diameter, 1,100 Lumens, 10 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED1X12S19-40)	179.94	55.67
		For >50 To 100, Deduct	*-6.61*	
		For >100 To 250, Deduct	*-11.11*	
		For >250 To 500, Deduct	*-17.99*	
		For >500, Deduct	*-24.88*	
26 51 19 00-0525	EA	19" Diameter, 2,120 Lumens, 17 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED2X12S19-35)	193.58	55.67
		For >50 To 100, Deduct	*-6.95*	
		For >100 To 250, Deduct	*-11.79*	
		For >250 To 500, Deduct	*-19.36*	
		For >500, Deduct	*-26.93*	
26 51 19 00-0526	EA	19" Diameter, 2,120 Lumens, 17 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED2X12S19-35)	190.25	55.67
		For >50 To 100, Deduct	*-6.87*	
		For >100 To 250, Deduct	*-11.62*	
		For >250 To 500, Deduct	*-19.03*	
		For >500, Deduct	*-26.43*	
26 51 19 00-0527	EA	19" Diameter, 2,000 Lumens, 18 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED1X12H19-40)	190.19	55.67
		For >50 To 100, Deduct	*-6.86*	
		For >100 To 250, Deduct	*-11.62*	
		For >250 To 500, Deduct	*-19.02*	
		For >500, Deduct	*-26.42*	
26 51 19 00-0528	EA	19" Diameter, 3,180 Lumens, 24 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED6X619-30)	205.58	55.67
		For >50 To 100, Deduct	*-7.25*	
		For >100 To 250, Deduct	*-12.39*	
		For >250 To 500, Deduct	*-20.56*	
		For >500, Deduct	*-28.73*	
26 51 19 00-0529	EA	19" Diameter, 3,160 Lumens, 25 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED3X12S19-30)	200.62	55.67
		For >50 To 100, Deduct	*-7.13*	
		For >100 To 250, Deduct	*-12.14*	
		For >250 To 500, Deduct	*-20.06*	
		For >500, Deduct	*-27.98*	
26 51 19 00-0530	EA	19" Diameter, 4,240 Lumens, 31 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED8X619-30)	221.41	55.67
		For >50 To 100, Deduct	*-7.65*	
		For >100 To 250, Deduct	*-13.18*	
		For >250 To 500, Deduct	*-22.14*	
		For >500, Deduct	*-31.10*	
26 51 19 00-0531	EA	19" Diameter, 4,000 Lumens, 32 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED2X12H19-40)	214.64	55.67
		For >50 To 100, Deduct	*-7.48*	
		For >100 To 250, Deduct	*-12.84*	
		For >250 To 500, Deduct	*-21.46*	
		For >500, Deduct	*-30.09*	
26 51 19 00-0532	EA	19" Diameter, 4,400 Lumens, 32 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED4X12S19-40)	214.69	55.67
		For >50 To 100, Deduct	*-7.48*	
		For >100 To 250, Deduct	*-12.84*	
		For >250 To 500, Deduct	*-21.47*	
		For >500, Deduct	*-30.09*	
26 51 19 00-0533	EA	19" Diameter, 1,120 Lumens, 10 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED1X12S19-50)	179.94	55.67
		For >50 To 100, Deduct	*-6.61*	
		For >100 To 250, Deduct	*-11.11*	
		For >250 To 500, Deduct	*-17.99*	
		For >500, Deduct	*-24.88*	
26 51 19 00-0534	EA	19" Diameter, 2,120 Lumens, 17 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED2X12S19-35)	193.58	55.67
		For >50 To 100, Deduct	*-6.95*	
		For >100 To 250, Deduct	*-11.79*	
		For >250 To 500, Deduct	*-19.36*	
		For >500, Deduct	*-26.93*	
26 51 19 00-0535	EA	19" Diameter, 2,240 Lumens, 17 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED2X12S19-50)	190.25	55.67
		For >50 To 100, Deduct	*-6.87*	
		For >100 To 250, Deduct	*-11.62*	
		For >250 To 500, Deduct	*-19.03*	
		For >500, Deduct	*-26.43*	
26 51 19 00-0536	EA	19" Diameter, 2,010 Lumens, 18 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED1X12H19-50)	190.19	55.67
		For >50 To 100, Deduct	*-6.86*	
		For >100 To 250, Deduct	*-11.62*	
		For >250 To 500, Deduct	*-19.02*	
		For >500, Deduct	*-26.42*	
26 51 19 00-0537	EA	19" Diameter, 3,180 Lumens, 24 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED6X619-30)	205.58	55.67
		For >50 To 100, Deduct	*-7.25*	
		For >100 To 250, Deduct	*-12.39*	
		For >250 To 500, Deduct	*-20.56*	
		For >500, Deduct	*-28.73*	
26 51 19 00-0538	EA	19" Diameter, 3,160 Lumens, 25 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED3X12S19-30)	200.62	55.67
		For >50 To 100, Deduct	*-7.13*	
		For >100 To 250, Deduct	*-12.14*	
		For >250 To 500, Deduct	*-20.06*	
		For >500, Deduct	*-27.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0539	EA	19" Diameter, 4,240 Lumens, 31 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED8X619-30)	221.41	55.67
		For >50 To 100, Deduct	*-7.65*	
		For >100 To 250, Deduct	*-13.18*	
		For >250 To 500, Deduct	*-22.14*	
		For >500, Deduct	*-31.10*	
26 51 19 00-0540	EA	19" Diameter, 4,020 Lumens, 32 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED2X12H19-50)	214.64	55.67
		For >50 To 100, Deduct	*-7.48*	
		For >100 To 250, Deduct	*-12.84*	
		For >250 To 500, Deduct	*-21.46*	
		For >500, Deduct	*-30.09*	
26 51 19 00-0541	EA	19" Diameter, 4,480 Lumens, 32 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED4X12S19-50)	214.69	55.67
		For >50 To 100, Deduct	*-7.48*	
		For >100 To 250, Deduct	*-12.84*	
		For >250 To 500, Deduct	*-21.47*	
		For >500, Deduct	*-30.09*	
26 51 19 00-0542		**Ceiling Mounted, LED Mushroom Fixtures (Mobern)** *(26 51 19 00-0468)*		
26 51 19 00-0543	EA	14" Diameter, 800 Lumens, 12 Watt, LED Ceiling Fixture (Mobern 6814LED12MV30)	196.90	51.57
		For >50 To 100, Deduct	*-6.86*	
		For >100 To 250, Deduct	*-11.78*	
		For >250 To 500, Deduct	*-19.69*	
		For >500, Deduct	*-27.60*	
26 51 19 00-0544		**Ceiling Mounted, LED Fixtures (Sylvania)** *(26 51 19 00-0468)*		
26 51 19 00-0545	EA	12.5" x 12.5" x 2.32" Deep, 4,200 Lumens, 35 Watt, LED Garage Light Fixture (Sylvania GARAG1/035UNVD740/G5/SV/D)	728.71	55.67
		For >50 To 100, Deduct	*-20.33*	
		For >100 To 250, Deduct	*-38.55*	
		For >250 To 500, Deduct	*-72.87*	
		For >500, Deduct	*-107.20*	
26 51 19 00-0546	EA	2' x 2', 32 Watt, 120-277 Volt, 4000K CCT, LED, Grid Mount Edge-Lit Panel With Surface Mount Kit, White (Sylvania PANELF1A/032UNVD840/22G/WH + SMKIT1A/24A/WH)	281.20	46.88
		For >50 To 100, Deduct	*-8.79*	
		For >100 To 250, Deduct	*-15.82*	
		For >250 To 500, Deduct	*-28.12*	
		For >500, Deduct	*-40.42*	
26 51 19 00-0547	EA	2' x 4', 32 Watt, 120-277 Volt, 3500K CCT, LED, Grid Mount Edge-Lit Panel With Surface Mount Kit, White (Sylvania PANELF1A/032UNVD835/24G/WH + SMKIT1A/24A/WH)	349.94	54.62
		For >50 To 100, Deduct	*-10.80*	
		For >100 To 250, Deduct	*-19.55*	
		For >250 To 500, Deduct	*-34.99*	
		For >500, Deduct	*-50.44*	
26 51 19 00-0548	EA	2' x 4', 32 Watt, 120-277 Volt, 4000K CCT, LED, Grid Mount Edge-Lit Panel With Surface Mount Kit, White (Sylvania PANELF1A/032UNVD840/24G/WH + SMKIT1A/24A/WH)	354.03	54.62
		For >50 To 100, Deduct	*-10.90*	
		For >100 To 250, Deduct	*-19.75*	
		For >250 To 500, Deduct	*-35.40*	
		For >500, Deduct	*-51.05*	
26 51 19 00-0549		**Refrigeration/Display LED Fixtures** *(26 51 19 00-0001)*		
26 51 19 00-0550		**Refrigeration/Display LED Fixtures (Lithonia)** *(26 51 19 00-0549)*		
		Note: Fixtures exclude driver.		
26 51 19 00-0551	EA	5' Length, Center Mount, Refrigeration/Display, Vertical LED Fixture (Lithonia FSV5 CM)	291.65	54.62
		For >50 To 100, Deduct	*-9.34*	
		For >100 To 250, Deduct	*-16.63*	
		For >250 To 500, Deduct	*-29.17*	
		For >500, Deduct	*-41.70*	
26 51 19 00-0552	EA	5' Length, Left And Right Mount (Pair), Refrigeration/Display, Vertical LED Fixture (Lithonia FSVDRVL RLEM DLC)	382.86	96.70
		For >50 To 100, Deduct	*-13.23*	
		For >100 To 250, Deduct	*-22.81*	
		For >250 To 500, Deduct	*-38.29*	
		For >500, Deduct	*-53.77*	
26 51 19 00-0553	EA	Up To 5 Door Configuration, LED Driver For Refrigeration/Display, Vertical LED Fixtures (Lithonia FSVDRVL)	349.70	77.37
		For >50 To 100, Deduct	*-11.67*	
		For >100 To 250, Deduct	*-20.42*	
		For >250 To 500, Deduct	*-34.97*	
		For >500, Deduct	*-49.52*	
26 51 19 00-0554		**Ceiling Mount LED Fixtures** *(26 51 19 00-0001)*		
26 51 19 00-0555	EA	10-1/2" x 10-1/2', Ceiling Mounted, Box Type 17W LED Fixture	266.99	46.88
26 51 19 00-0556		**Pendant Mount, LED Fixtures** *(26 51 19 00-0001)*		
26 51 19 00-0557		**Pendant Mount, Circular Architectural LED Fixtures (Delray Lighting)** *(26 51 19 00-0556)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0558	EA	2,166 Lumens, 2' Diameter, White Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC2 W W35 S)	2,679.93	119.56
		For >50 To 100, Deduct	*-71.98*	
		For >100 To 250, Deduct	*-138.98*	
		For >250 To 500, Deduct	*-267.99*	
		For >500, Deduct	*-397.01*	
26 51 19 00-0559	EA	3,250 Lumens, 3' Diameter, White Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC3 W W35 S)	4,047.87	126.59
		For >50 To 100, Deduct	*-106.47*	
		For >100 To 250, Deduct	*-207.67*	
		For >250 To 500, Deduct	*-404.79*	
		For >500, Deduct	*-601.91*	
26 51 19 00-0560	EA	4,333 Lumens, 4' Diameter, White Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC4 W W35 S)	5,169.79	133.63
		For >50 To 100, Deduct	*-134.81*	
		For >100 To 250, Deduct	*-264.06*	
		For >250 To 500, Deduct	*-516.98*	
		For >500, Deduct	*-769.90*	
26 51 19 00-0561	EA	5,416 Lumens, 5' Diameter, White Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC5 W W35 S)	6,537.74	140.66
		For >50 To 100, Deduct	*-169.30*	
		For >100 To 250, Deduct	*-332.75*	
		For >250 To 500, Deduct	*-653.77*	
		For >500, Deduct	*-974.80*	
26 51 19 00-0562	EA	2,166 Lumens, 2' Diameter, Silver Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC2 S W35 S)	2,842.59	119.56
		For >50 To 100, Deduct	*-76.05*	
		For >100 To 250, Deduct	*-147.11*	
		For >250 To 500, Deduct	*-284.26*	
		For >500, Deduct	*-421.41*	
26 51 19 00-0563	EA	3,250 Lumens, 3' Diameter, Silver Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC3 S W35 S)	4,263.41	126.59
		For >50 To 100, Deduct	*-111.86*	
		For >100 To 250, Deduct	*-218.45*	
		For >250 To 500, Deduct	*-426.34*	
		For >500, Deduct	*-634.24*	
26 51 19 00-0564	EA	4,333 Lumens, 4' Diameter, Silver Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC4 S W35 S)	5,387.36	133.63
		For >50 To 100, Deduct	*-140.25*	
		For >100 To 250, Deduct	*-274.94*	
		For >250 To 500, Deduct	*-538.74*	
		For >500, Deduct	*-802.54*	
26 51 19 00-0565	EA	5,416 Lumens, 5' Diameter, Silver Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC5 S W35 S)	6,781.74	140.66
		For >50 To 100, Deduct	*-175.40*	
		For >100 To 250, Deduct	*-344.95*	
		For >250 To 500, Deduct	*-678.17*	
		For >500, Deduct	*-1,011.40*	

26 51 19 00-0566 Pendant Mount, LED Commercial Fixtures (DMF) *(26 51 19 00-0556)*

26 51 19 00-0567	EA	3,000 Lumens, 18-1/4" Diameter, Pendant Mount, LED Commercial Fixture (DMF DP610LED)	1,038.32	70.33
		For >50 To 100, Deduct	*-28.89*	
		For >100 To 250, Deduct	*-54.85*	
		For >250 To 500, Deduct	*-103.83*	
		For >500, Deduct	*-152.82*	

26 51 19 00-0568 LED Track Lighting *(26 51 19 00-0001)*

26 51 19 00-0569 LED Track Lighting Fixtures *(26 51 19 00-0568)*

26 51 19 00-0570	EA	19 Watt, Dimmable, LED Track Lighting Fixture (Juno® TRAC-MASTER® Cylindra™)	205.34	21.42
		For >50 To 100, Deduct	*-5.94*	
		For >100 To 250, Deduct	*-11.07*	
		For >250 To 500, Deduct	*-20.53*	
		For >500, Deduct	*-30.00*	
26 51 19 00-0571	EA	18 Watt, Dimmable, LED Track Lighting Fixture (HALO® Stasis L805MED)	356.22	21.42
		For >50 To 100, Deduct	*-9.71*	
		For >100 To 250, Deduct	*-18.61*	
		For >250 To 500, Deduct	*-35.62*	
		For >500, Deduct	*-52.63*	
26 51 19 00-0572	EA	24 Watt, Dimmable, LED Track Lighting Fixture (Amerlux CNTRV33)	211.07	21.42
		For >50 To 100, Deduct	*-6.08*	
		For >100 To 250, Deduct	*-11.36*	
		For >250 To 500, Deduct	*-21.11*	
		For >500, Deduct	*-30.86*	

26 51 19 00-0573 Track Lighting Tracks *(26 51 19 00-0568)*

26 51 19 00-0574	LF	1 Circuit Track Lighting Track	24.68	8.47
		For >50 To 100, Deduct	*-0.91*	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-2.47*	
		For >500, Deduct	*-3.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0575	LF	2 Circuit Track Lighting Track	31.73	8.47
		For >50 To 100, Deduct	*-1.11*	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-3.17*	
		For >500, Deduct	*-4.44*	
26 51 19 00-0576	LF	3 Circuit Track Lighting Track	37.77	8.47
		For >50 To 100, Deduct	*-1.30*	
		For >100 To 250, Deduct	*-2.24*	
		For >250 To 500, Deduct	*-3.78*	
		For >500, Deduct	*-5.31*	
26 51 19 00-0577	LF	4 Circuit Track Lighting Track	43.82	10.26
		For >50 To 100, Deduct	*-1.48*	
		For >100 To 250, Deduct	*-2.58*	
		For >250 To 500, Deduct	*-4.38*	
		For >500, Deduct	*-6.19*	

26 51 19 00-0578 Track Lighting Accessories *(26 51 19 00-0568)*

26 51 19 00-0579 Pendant Mounting *(26 51 19 00-0578)*

26 51 19 00-0580	EA	Track Lighting Pendant Mounting, Up to 12"	28.15	
		For >50 To 100, Deduct	*-1.18*	
		For >100 To 250, Deduct	*-1.89*	
		For >250 To 500, Deduct	*-2.82*	
		For >500, Deduct	*-3.74*	
26 51 19 00-0581	EA	Track Lighting Pendant Mounting, >12" To 24"	35.77	
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 250, Deduct	*-2.33*	
		For >250 To 500, Deduct	*-3.58*	
		For >500, Deduct	*-4.82*	
26 51 19 00-0582	EA	Track Lighting Pendant Mounting, >24" To 36"	43.48	
		For >50 To 100, Deduct	*-1.73*	
		For >100 To 250, Deduct	*-2.82*	
		For >250 To 500, Deduct	*-4.35*	
		For >500, Deduct	*-5.88*	

26 51 23 HID Interior Lighting *(26 51)*

26 51 23 00-0001 Large Interior Area Fixtures *(26 51 23)*

26 51 23 00-0002 Recessed Mounted, Large Interior Area Fixtures *(26 51 23 00-0001)*

Note: Cast aluminum socket housing, anodized aluminum reflector, tempered glass or acrylic lens, plaster mounting frames and brackets.

26 51 23 00-0003 High Pressure Sodium, Recessed Mounted, Large Interior Area Fixtures *(26 51 23 00-0002)*

26 51 23 00-0004	EA	150 Watt High Pressure Sodium, Recessed Mounted, Large Interior Area Fixture	493.78	136.77
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
26 51 23 00-0005	EA	250 Watt High Pressure Sodium, Recessed Mounted, Large Interior Area Fixture	514.36	145.23
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
26 51 23 00-0006	EA	400 Watt High Pressure Sodium, Recessed Mounted, Large Interior Area Fixture	538.88	165.76
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	

26 51 23 00-0007 Metal Halide, Recessed Mounted, Large Interior Area Fixtures *(26 51 23 00-0002)*

26 51 23 00-0008	EA	150 Watt Metal Halide, Recessed Mounted, Large Interior Area Fixture	502.77	136.77
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
26 51 23 00-0009	EA	250 Watt Metal Halide, Recessed Mounted, Large Interior Area Fixture	518.17	145.23
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
26 51 23 00-0010	EA	400 Watt Metal Halide, Recessed Mounted, Large Interior Area Fixture	551.81	165.76
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	

26 51 23 00-0011 Low Bay Fixtures, Large Interior Area Fixtures *(26 51 23 00-0001)*

Note: Heavy-duty steel housing, aluminum reflector, tempered glass or acrylic lens. Low bay fixtures are for mounting below 20-25 feet.

26 51 23 00-0012 High Pressure Sodium, Low Bay Fixtures *(26 51 23 00-0011)*

26 51 23 00-0013	EA	150 Watt High Pressure Sodium, Low Bay Fixture	499.35	124.95
		For Wire Guard, Add	*40.50*	
		For Glass Or Acrylic Reflector, Add	*90.00*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Enclosed And Gasketed, Add	*75.47*	
26 51 23 00-0014	EA	250 Watt High Pressure Sodium, Low Bay Fixture	512.98	132.69
		For Wire Guard, Add	*40.50*	
		For Glass Or Acrylic Reflector, Add	*90.00*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Enclosed And Gasketed, Add	*75.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 23 00-0015	EA	400 Watt High Pressure Sodium, Low Bay Fixture	543.22	151.44
		For Wire Guard, Add	*40.50*	
		For Glass Or Acrylic Reflector, Add	*90.00*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Enclosed And Gasketed, Add	*75.47*	

26 51 23 00-0016 Metal Halide, Low Bay Fixtures *(26 51 23 00-0011)*

26 51 23 00-0017	EA	175 Watt Metal Halide, Low Bay Fixture	493.47	124.95
		For Wire Guard, Add	*40.50*	
		For Glass Or Acrylic Reflector, Add	*90.00*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Enclosed And Gasketed, Add	*75.47*	
26 51 23 00-0018	EA	250 Watt Metal Halide, Low Bay Fixture	506.29	132.69
		For Wire Guard, Add	*40.50*	
		For Glass Or Acrylic Reflector, Add	*90.00*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Enclosed And Gasketed, Add	*75.47*	
26 51 23 00-0019	EA	400 Watt Metal Halide, Low Bay Fixture	547.48	151.44
		For Wire Guard, Add	*40.50*	
		For Glass Or Acrylic Reflector, Add	*90.00*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Enclosed And Gasketed, Add	*75.47*	

26 51 23 00-0020 High Bay Fixtures, Large Interior Area Fixtures *(26 51 23 00-0001)*

Note: High bay fixtures are for mounting above 20-25 feet. See CSI section 01 22 23 00-0001 for lifts.

26 51 23 00-0021 High Pressure Sodium, High Bay Fixtures *(26 51 23 00-0020)*

Note: Includes heavy-duty steel housing and aluminum reflector. Excludes lens.

26 51 23 00-0022	EA	250 Watt High Pressure Sodium, High Bay Fixture	458.41	132.69
		For Wire Guard, Add	*40.50*	
		For Tempered Glass Or Acrylic Lens, Add	*60.50*	
		For Ballast Safety Chain, Add	*12.13*	
		For Polycarbonate Lens, Add	*47.75*	
		For Glass Or Acrylic Reflector, Add	*90.00*	
		For Security Chain, Add	*19.34*	
		For Optical Safety Chain, Add	*7.47*	
		For Instant Quartz Restrike, Add	*60.00*	
26 51 23 00-0023	EA	400 Watt High Pressure Sodium, High Bay Fixture	494.40	151.44
		For Wire Guard, Add	*40.50*	
		For Tempered Glass Or Acrylic Lens, Add	*60.50*	
		For Ballast Safety Chain, Add	*12.13*	
		For Polycarbonate Lens, Add	*47.75*	
		For Glass Or Acrylic Reflector, Add	*90.00*	
		For Security Chain, Add	*19.34*	
		For Optical Safety Chain, Add	*7.47*	
		For Instant Quartz Restrike, Add	*60.00*	
26 51 23 00-0024	EA	1,000 Watt High Pressure Sodium, High Bay Fixture	725.60	159.30
		For Wire Guard, Add	*40.50*	
		For Tempered Glass Or Acrylic Lens, Add	*60.50*	
		For Ballast Safety Chain, Add	*12.13*	
		For Polycarbonate Lens, Add	*47.75*	
		For Glass Or Acrylic Reflector, Add	*90.00*	
		For Security Chain, Add	*19.34*	
		For Optical Safety Chain, Add	*7.47*	
		For Instant Quartz Restrike, Add	*60.00*	

26 51 23 00-0025 Metal Halide, High Bay Fixtures *(26 51 23 00-0020)*

Note: Includes heavy-duty steel housing and aluminum reflector. Excludes lens.

26 51 23 00-0026	EA	250 Watt Metal Halide, High Bay Fixture	426.09	132.69
		For Wire Guard, Add	*40.50*	
		For Tempered Glass Or Acrylic Lens, Add	*60.50*	
		For Ballast Safety Chain, Add	*12.13*	
		For Polycarbonate Lens, Add	*47.75*	
		For Glass Or Acrylic Reflector, Add	*90.00*	
		For Security Chain, Add	*19.34*	
		For Optical Safety Chain, Add	*7.47*	
		For Instant Quartz Restrike, Add	*60.00*	
26 51 23 00-0027	EA	400 Watt Metal Halide, High Bay Fixture	467.06	151.44
		For Wire Guard, Add	*40.50*	
		For Tempered Glass Or Acrylic Lens, Add	*60.50*	
		For Ballast Safety Chain, Add	*12.13*	
		For Polycarbonate Lens, Add	*47.75*	
		For Glass Or Acrylic Reflector, Add	*90.00*	
		For Security Chain, Add	*19.34*	
		For Optical Safety Chain, Add	*7.47*	
		For Instant Quartz Restrike, Add	*60.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 23 00-0028	EA	1,000 Watt Metal Halide, High Bay Fixture	613.49	159.30
		For Wire Guard, Add	*40.50*	
		For Tempered Glass Or Acrylic Lens, Add	*60.50*	
		For Ballast Safety Chain, Add	*12.13*	
		For Polycarbonate Lens, Add	*47.75*	
		For Glass Or Acrylic Reflector, Add	*90.00*	
		For Security Chain, Add	*19.34*	
		For Optical Safety Chain, Add	*7.47*	
		For Instant Quartz Restrike, Add	*60.00*	

26 51 23 00-0029 Induction, High Bay Fixtures *(26 51 23 00-0020)*

26 51 23 00-0030 Induction, High Bay Fixtures (Everlast®) *(26 51 23 00-0029)*

Note: Includes die cast aluminum ballast casing and acrylic lens.

26 51 23 00-0031	EA	100 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC)	500.63	116.05
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 23 00-0032	EA	120 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC)	536.33	119.91
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 23 00-0033	EA	150 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC)	546.31	123.78
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 23 00-0034	EA	200 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC)	594.33	127.65
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 23 00-0035	EA	250 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC)	609.46	131.52
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 23 00-0036	EA	100 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC)	536.63	116.05
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 23 00-0037	EA	120 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC)	572.34	119.91
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 23 00-0038	EA	150 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC)	582.31	123.78
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 23 00-0039	EA	200 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC)	630.34	127.65
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 23 00-0040	EA	250 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC)	645.47	131.52
		For Impact Resistant Silicon Lens, Add	*20.00*	

26 51 23 00-0041 Ceiling Mounted, Large Interior Area Fixtures *(26 51 23 00-0001)*

Note: Heavy-duty aluminum housing, aluminum reflector, acrylic drop dish lens, fully gasketed.

26 51 23 00-0042 High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixtures *(26 51 23 00-0041)*

26 51 23 00-0043	EA	100 Watt High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixture	390.36	88.91
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Instant Quartz Restrike, Add	*60.00*	
26 51 23 00-0044	EA	150 Watt High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixture	695.90	88.91
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Instant Quartz Restrike, Add	*60.00*	
26 51 23 00-0045	EA	250 Watt High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixture	799.76	88.91
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Instant Quartz Restrike, Add	*60.00*	
26 51 23 00-0046	EA	400 Watt High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixture	1,069.92	88.91
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Instant Quartz Restrike, Add	*60.00*	

26 51 23 00-0047 Metal Halide, Ceiling Mounted, Large Interior Area Fixtures *(26 51 23 00-0041)*

26 51 23 00-0048	EA	100 Watt Metal Halide, Ceiling Mounted, Large Interior Area Fixture	323.64	88.91
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Instant Quartz Restrike, Add	*60.00*	
26 51 23 00-0049	EA	175 Watt Metal Halide, Ceiling Mounted, Large Interior Area Fixture	340.68	98.66
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Instant Quartz Restrike, Add	*60.00*	
26 51 23 00-0050	EA	250 Watt Metal Halide, Ceiling Mounted, Large Interior Area Fixture	362.44	106.87
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Instant Quartz Restrike, Add	*60.00*	
26 51 23 00-0051	EA	400 Watt Metal Halide, Ceiling Mounted, Large Interior Area Fixture	406.93	127.27
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Instant Quartz Restrike, Add	*60.00*	

26 51 23 00-0052 High Pressure Sodium, Recessed Fixture Housings *(26 51 23)*

26 51 23 00-0053	EA	4" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing	170.37	36.95
		For ICAT Housing, Add	*14.86*	
26 51 23 00-0054	EA	5" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing	178.06	36.95
		For ICAT Housing, Add	*15.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 23 00-0055	EA	6" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing	187.03	38.49
		For ICAT Housing, Add	*16.68*	
26 51 23 00-0056	EA	7" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing	193.79	40.15
		For ICAT Housing, Add	*17.22*	
26 51 23 00-0057	EA	8" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing	200.48	41.83
		For ICAT Housing, Add	*17.75*	
26 51 23 00-0058	EA	10" To 12" Square, High Pressure Sodium, T Or ICT Recessed Fixture Housing	206.38	44.39
		For ICAT Housing, Add	*18.02*	

26 51 23 00-0059 Metal Halide Track Lighting Fixtures *(26 51 23)*

26 51 23 00-0060	EA	Metal Halide Track Lighting Fixture	110.94	21.42

26 51 23 00-0061 Metal Halide, Wet Location, Dust Resistant, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixtures *(26 51 23)*

26 51 23 00-0062	EA	75 Watt Metal Halide, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	178.45	51.32
		For Wall Mounted, Add	*6.30*	
26 51 23 00-0063	EA	100 Watt Metal Halide, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	183.65	51.32
		For Wall Mounted, Add	*6.30*	
26 51 23 00-0064	EA	150 Watt Metal Halide, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	194.19	51.32
		For Wall Mounted, Add	*6.30*	
26 51 23 00-0065	EA	175 Watt Metal Halide, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	210.04	51.32
		For Wall Mounted, Add	*6.30*	

26 51 23 00-0066 High Pressure Sodium, Wet Location, Dust Resistant, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixtures *(26 51 23)*

26 51 23 00-0067	EA	70 Watt High Pressure Sodium, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	166.10	51.32
		For Wall Mounted, Add	*6.67*	
26 51 23 00-0068	EA	100 Watt High Pressure Sodium, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	172.55	51.32
		For Wall Mounted, Add	*6.67*	
26 51 23 00-0069	EA	150 Watt High Pressure Sodium, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	197.47	51.32
		For Wall Mounted, Add	*6.67*	

26 51 33 Interior Lighting Accessories *(26 51)*

26 51 33 00-0001 Accessories And Modifiers For Fixtures *(26 51 33)*

26 51 33 00-0002 Lens Modifications *(26 51 33 00-0001)*

26 51 33 00-0003	EA	For 1' x 2' Drop Dish Diffuser Instead Of Prismatic Lens, Add	38.81
26 51 33 00-0004	EA	For 1' x 4' Drop Dish Diffuser Instead Of Prismatic Lens, Add	47.94
26 51 33 00-0005	EA	For 2' x 2' Drop Dish Diffuser Instead Of Prismatic Lens, Add	50.23
26 51 33 00-0006	EA	For 2' x 4' Drop Dish Diffuser Instead Of Prismatic Lens, Add	54.79
26 51 33 00-0007	EA	For 4' x 4' Drop Dish Diffuser Instead Of Prismatic Lens, Add	66.21
26 51 33 00-0008	EA	For 1' x 2' Egg Crate/Cube Louvers Instead Of Prismatic Lens, Add	15.98
26 51 33 00-0009	EA	For 1' x 4' Egg Crate/Cube Louvers Instead Of Prismatic Lens, Add	22.83
26 51 33 00-0010	EA	For 2' x 2' Egg Crate/Cube Louvers Instead Of Prismatic Lens, Add	25.11
26 51 33 00-0011	EA	For 2' x 4' Egg Crate/Cube Louvers Instead Of Prismatic Lens, Add	29.68

26 51 33 00-0012 Pendant Mounting Modifications *(26 51 33 00-0001)*

Note: Per pendant. Use demolition cost for associated light fixture for demolition of pendant mounted light fixture assembly.

26 51 33 00-0013	EA	For Pendant Mounting Up to 1'-6" Long Section Note: Per pendant.	17.35
26 51 33 00-0014	EA	For Pendant Mounting 2' Long Section Note: Per pendant.	20.09
26 51 33 00-0015	EA	For Pendant Mounting 3' Long Section Note: Per pendant.	25.71
26 51 33 00-0016	EA	For Pendant Mounting 4' Long Section Note: Per pendant.	30.36
26 51 33 00-0017	EA	For Pendant Mounting 6' Long Section Note: Per pendant.	38.35
26 51 33 00-0018	EA	For Pendant Mounting 8' Long Section Note: Per pendant.	52.05

26 51 33 00-0019 Fluorescent Light Accessories *(26 51 33 00-0001)*

26 51 33 00-0020	EA	Blank Metal Light Box Plate	31.61
26 51 33 00-0021	EA	Factory Installed Fixture Mounted Occupancy Sensor	175.77

26 51 33 00-0022 Wire Guards *(26 51 33 00-0001)*

26 51 33 00-0023	EA	Wire Guard for 6" x 2' Fixture	73.88	6.42
26 51 33 00-0024	EA	Wire Guard for 6" x 4' Fixture	103.55	10.28
26 51 33 00-0025	EA	Wire Guard for 1" x 2' Fixture	82.49	7.07
26 51 33 00-0026	EA	Wire Guard for 1" x 4' Fixture	117.05	10.92
26 51 33 00-0027	EA	Wire Guard for 2" x 2' Fixture	100.87	7.71

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 33 00-0028	EA	Wire Guard for 2" x 4' Fixture	137.86	11.56
26 51 33 00-0029		**Lighting Accessories** *(26 51 33)*		
26 51 33 00-0030		**Modular Flexible Wiring Systems** *(26 51 33 00-0029)*		
26 51 33 00-0031	EA	10' Length, 2-Circuit, Modular Power Cable (Day-Brite PC-12-2E-10)	106.48	6.92
26 51 33 00-0032	EA	15' Length, 2-Circuit, Modular Power Cable (Day-Brite PC-12-2E-15)	126.18	6.92
26 51 33 00-0033	EA	20' Length, 2-Circuit, Modular Power Cable (Day-Brite PC-12-2E-20)	152.73	6.92
26 51 33 00-0034	EA	15' Length, 2-Circuit, Modular Lighting Cable (Day-Brite LC-27-2E-15)	126.18	6.92
26 51 33 00-0035	EA	3 Out, 3-Circuit, Modular Lighting Interface (Day-Brite LI-27-3E)	104.59	6.92
26 51 33 00-0036	EA	13' Length, 2-Circuit, Modular Reddy-Connect Cable (Day-Brite RC-27-2D-13)	158.06	6.92
26 51 33 00-0037	EA	3" Length, 2-Circuit, Modular Lighting Adapter (Day-Brite LA-27-7M)	85.55	6.92
26 51 33 00-0038	EA	3" Length, 2-Circuit, Modular Lighting Tap (Day-Brite LT-27-2E)	97.37	6.92
26 51 33 00-0039	EA	7' Length, Single Level, Modular Lighting Switch Unit (Day-Brite LS-27-SL-07)	127.37	6.92
26 51 33 00-0040	EA	7' Length, 1-Circuit Multi-Level, Modular Lighting Switch Unit (Day-Brite LS-27-ML-07)	127.37	6.92
26 51 33 00-0041	EA	7' Length, 2-Circuit Multi-Level, Modular Lighting Switch Unit (Day-Brite LS-27-2C-07)	129.60	6.92
26 51 33 00-0042	EA	7' Length, 1st 3-Way, Modular Lighting Switch Unit (Day-Brite LS-27-3A-07)	128.78	6.92
26 51 33 00-0043	EA	7' Length, 2nd 3-Way, Modular Lighting Switch Unit (Day-Brite LS-27-3B-07)	128.78	6.92
26 51 33 00-0044	EA	15' Length, Single Level, Modular Lighting Switch Unit (Day-Brite LS-27-SL-15)	148.68	6.92
26 51 33 00-0045	EA	3" Length, 2-Circuit, Modular Lighting Adapter (Day-Brite LA-27-4D)	65.88	6.92
26 51 33 00-0046	EA	3" Length, 1-Circuit, Modular Lighting Distribution Cable (Day-Brite LD-27-1E)	61.23	6.92
26 51 33 00-0047	EA	3" Length, 2-Circuit, Modular Lighting Distribution Cable (Day-Brite LD-27-2E)	62.85	6.92
26 51 33 00-0048	EA	3" Length, 1-Circuit, Modular Lighting Tap (Day-Brite LT-27-1E)	80.07	6.92
26 51 33 00-0049	EA	15' Length, 1-Circuit, Modular Lighting Tap (Day-Brite LT-27-1E-15)	106.48	6.92
26 51 33 00-0050	EA	15' Length, 1-Circuit, Modular Lighting Cable (Day-Brite LC-27-1E-15)	109.28	6.92
26 51 33 00-0051	EA	Modular Lighting Junction Or Circuit Splitter (Day-Brite LJ-27-3E)	84.35	6.92
26 51 33 00-0052	EA	3" Length, 1-Circuit, Modular Power Distribution Cable (Day-Brite PD-12-1E)	61.23	6.92
26 51 33 00-0053	EA	Removal And Reinstallation Of Modular Wiring Complete Including Storage And Cleaning	57.73	
26 51 33 00-0054		**Additional Lighting Wire Whips** *(26 51 33)*		
26 51 33 00-0055	LF	For Each Additional LF Of Interior Lighting Wire Whip, Add Note: Wire whips are included with interior lighting fixtures, where necessary, up to six feet in length. Use this task for additional required whip length. For example, if the fixture requires a 15' wire whip then use 9 LF of this task to reach required length.	1.90	
26 51 33 00-0056		**Removal And Reinstallation Of Light Fixtures** *(26 51 33)* Note: Includes disconnection of wire, on-site storage, general cleaning, installation and electrical wire hook-up.		
26 51 33 00-0057	EA	Removal And Reinstallation Of Lay-In Fluorescent Light Fixture	136.56	
26 51 33 00-0058	EA	Removal And Reinstallation Of Surface Mounted Or Pendant Light Fixture	156.06	

26 52 Safety Lighting *(26 50)*

26 52 13 Emergency and Exit Lighting *(26 52)*

26 52 13 13 Emergency Lighting *(26 52 13)*

26 52 13 13-0001 Commercial Emergency Lights *(26 52 13 13)*

26 52 13 13-0002 Polycarbonate Housing, Commercial Emergency Lights *(26 52 13 13-0001)*
Note: Includes lead-calcium batteries and two adjustable lamp heads.

26 52 13 13-0003	EA	3 Max Wattage At 90 Minutes, 3.6 Volt, Polycarbonate Housing, LED Lamps, Commercial Emergency Light (Lithonia ELM2 LED)	255.67	32.08
26 52 13 13-0004	EA	10.8 Max Wattage At 90 Minutes, 6 Volt, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM2)	175.17	32.08
		For Halogen Lamps, Add	*27.55*	
		For Self-Diagnostics, Add	*87.50*	
26 52 13 13-0005	EA	18 Max Wattage At 90 Minutes, 6 Volt, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM618)	280.52	32.08
		For Halogen Lamps, Add	*27.55*	
		For Self-Diagnostics, Add	*87.50*	
26 52 13 13-0006	EA	27 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM627)	328.21	32.08
		For Halogen Lamps, Add	*27.55*	
		For Self-Diagnostics, Add	*87.50*	
26 52 13 13-0007	EA	54 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM654)	492.10	32.08
		For Halogen Lamps, Add	*27.55*	
		For Self-Diagnostics, Add	*87.50*	
26 52 13 13-0008	EA	54 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM1254)	558.63	32.08
		For Halogen Lamps, Add	*27.55*	
		For Self-Diagnostics, Add	*87.50*	
26 52 13 13-0009	EA	72 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM1272)	817.83	32.08
		For Halogen Lamps, Add	*27.55*	
		For Self-Diagnostics, Add	*87.50*	

26 52 13 13-0010 Remote Heads For Commercial Emergency Lights *(26 52 13 13-0001)*
Note: For use with fixtures that have remote capability.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 52 13 13-0011	EA	6 Watt, 6 Volt, Aluminum Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA MT H0606)	173.43	19.24
26 52 13 13-0012	EA	6 Watt, 6 Volt, Gasketed Fiberglass Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA NX H0606)	174.63	19.24
26 52 13 13-0013	EA	8 Watt, 8 Volt, Gasketed Fiberglass Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA NX H0806)	178.65	19.24
26 52 13 13-0014	EA	12 Watt, 12 Volt, Aluminum Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA MT H1212)	178.00	19.24
26 52 13 13-0015	EA	12 Watt, 12 Volt, Thermoplastic Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA H1212)	153.30	19.24
26 52 13 13-0016	EA	12 Watt, 12 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N1206)	104.24	19.24

26 52 13 13-0017 Industrial Emergency Lights *(26 52 13 13)*

26 52 13 13-0018 Painted Steel Housing, Industrial Emergency Lights *(26 52 13 13-0017)*

26 52 13 13-0019 Painted Steel Housing, Industrial Emergency Lights *(26 52 13 13-0018)*

Note: Includes lead-calcium batteries and two adjustable lamp heads.

26 52 13 13-0020	EA	16 Max Wattage At 90 Minutes, 6 Volt, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT16)	455.90	32.08
		For Wireguard, Add	*235.71*	
26 52 13 13-0021	EA	24 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT24)	381.47	32.08
		For Wireguard, Add	*235.71*	
26 52 13 13-0022	EA	36 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT36)	599.01	32.08
		For Wireguard, Add	*235.71*	
26 52 13 13-0023	EA	50 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT50)	636.55	32.08
		For Wireguard, Add	*235.71*	
26 52 13 13-0024	EA	125 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT125)	911.88	32.08
		For Wireguard, Add	*251.06*	
26 52 13 13-0025	EA	275 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT275)	1,438.58	32.08
		For Wireguard, Add	*251.06*	

26 52 13 13-0026 Remote Heads For Painted Steel Housing, Industrial Emergency Lights *(26 52 13 13-0018)*

Note: For use with fixtures that have remote capability.

26 52 13 13-0027	EA	8 Watt, 6 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N0806)	132.51	19.24
		For Wireguard, Add	*190.22*	
26 52 13 13-0028	EA	12 Watt, 6 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N1206)	137.19	19.24
		For Wireguard, Add	*190.22*	
26 52 13 13-0029	EA	8 Watt, 12 Volt, Thermoplastic Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA H0812)	133.17	19.24
		For Wireguard, Add	*190.22*	
26 52 13 13-0030	EA	12 Watt, 12 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N1212)	133.93	19.24
		For Wireguard, Add	*190.22*	
26 52 13 13-0031	EA	12 Watt, 25 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N2512)	137.19	19.24
		For Wireguard, Add	*190.22*	
26 52 13 13-0032	EA	12 Watt, 25 Volt, Aluminum Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA MT N2512)	160.92	19.24
		For Wireguard, Add	*190.22*	

26 52 13 13-0033 Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Lights *(26 52 13 13-0017)*

26 52 13 13-0034 Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Lights *(26 52 13 13-0033)*

Note: Includes lead-calcium batteries and two adjustable lamp heads.

26 52 13 13-0035	EA	18 Max Wattage At 90 Minutes, 6 Volt, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND618)	449.92	32.08
		For Wireguard, Add	*229.18*	
		For Self-Diagnostics, Add	*105.50*	
26 52 13 13-0036	EA	36 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND1236)	489.64	32.08
		For Wireguard, Add	*229.18*	
		For Self-Diagnostics, Add	*105.50*	
26 52 13 13-0037	EA	54 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND654)	478.76	32.08
		For Wireguard, Add	*229.18*	
		For Self-Diagnostics, Add	*105.50*	
26 52 13 13-0038	EA	54 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND1254)	506.51	32.08
		For Wireguard, Add	*229.18*	
		For Self-Diagnostics, Add	*105.50*	
26 52 13 13-0039	EA	100 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND12100)	858.01	32.08
		For Wireguard, Add	*229.18*	
		For Self-Diagnostics, Add	*105.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 52 13 13-0040	EA	18 Max Wattage At 90 Minutes, 6 Volt, Krypton Lamps, NEMA 4X, Rugged Injection-Molded Thermoplastic Housing, Harsh Environment Industrial Emergency Light (Lithonia INDX618)	672.46	32.08
		For Wireguard, Add	*229.18*	
		For Self-Diagnostics, Add	*61.50*	
26 52 13 13-0041	EA	36 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, NEMA 4X, Rugged Injection-Molded Thermoplastic Housing, Harsh Environment Industrial Emergency Light (Lithonia INDX1236)	754.08	32.08
		For Wireguard, Add	*229.18*	
		For Self-Diagnostics, Add	*61.50*	
26 52 13 13-0042	EA	54 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, NEMA 4X, Rugged Injection-Molded Thermoplastic Housing, Harsh Environment Industrial Emergency Light (Lithonia INDX1254)	795.43	32.08
		For Wireguard, Add	*229.18*	
		For Self-Diagnostics, Add	*61.50*	
26 52 13 13-0043		Remote Heads For Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Lights *(26 52 13 13-0033)*		
		Note: For use with fixtures that have remote capability.		
26 52 13 13-0044	EA	9 Watt, 6 Volt, Heavyweight Polycarbonate Housing, Krypton Lamp, Emergency Light Remote Head (Lithonia ELA IND K0906)	114.56	19.24
26 52 13 13-0045	EA	12 Watt, 6 Volt, Heavyweight Polycarbonate Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA IND H1206)	124.03	19.24
26 52 13 13-0046	EA	9 Watt, 12 Volt, Heavyweight Polycarbonate Housing, Krypton Lamp, Emergency Light Remote Head (Lithonia ELA IND K0912)	114.67	19.24
26 52 13 13-0047	EA	12 Watt, 12 Volt, Heavyweight Polycarbonate Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA IND H1212)	121.63	19.24
26 52 13 13-0048	EA	12 Watt, 20 Volt, Heavyweight Polycarbonate Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA IND H2012)	103.74	19.24
26 52 13 13-0049		Outdoor Emergency Lights *(26 52 13 13)*		
26 52 13 13-0050		Gasketed Die-Cast Aluminum Housing, Outdoor Emergency Lights *(26 52 13 13-0049)*		
		Note: Includes nickel-cadmium batteries.		
26 52 13 13-0051	EA	10 Max Wattage At 90 Minutes, LED Lamps, Gasketed Aluminum Die-Cast Housing, Outdoor Emergency Light (Dual-Lite PG Series)	712.18	32.08
26 52 13 13-0052	EA	10 Max Wattage At 90 Minutes, LED Lamps, Gasketed Aluminum Die-Cast Housing, Outdoor Emergency Light With Heater (Dual-Lite PG Series)	850.93	32.08
26 52 13 13-0053		Recessed Emergency Lights *(26 52 13 13)*		
26 52 13 13-0054	EA	10 Watt At 90 Minutes, 6 Volt, Halogen Lamp, 8" Round, Recessed High-Hat Emergency Light (Lithonia ELRG)	776.84	32.08
		For Wire Guard, Add	*60.00*	
26 52 13 13-0055	EA	16 Max Wattage At 90 Minutes, 6 Volt, 12" x 12" Polycarbonate Housing, Glass Sealed-Beam Lamps, Recessed Emergency Light (Lithonia ELR2)	607.37	64.14
		Note: Includes lead-calcium batteries and two adjustable lamp heads.		
		For Wireguard, Add	*251.06*	
26 52 13 13-0056	EA	50 Max Wattage At 90 Minutes, 12 Volt, 12" x 12" Polycarbonate Housing, Glass Sealed-Beam Lamps, Recessed Emergency Light (Lithonia ELR4)	876.28	64.14
		Note: Includes lead-calcium batteries and two adjustable lamp heads.		
		For Wireguard, Add	*251.06*	
26 52 13 13-0057		Square Wraparound Emergency Lights *(26 52 13 13)*		
26 52 13 13-0058	EA	10 Max Wattage At 90 Minutes, 6 Volt, Halogen Lamp, 10-5/16" x 10-5/16" Lexan Frame, Square Wraparound Emergency Light (Lithonia ELSQ)	352.71	32.08
26 52 13 16		**Exit Signs** *(26 52 13)*		
		Note: Excludes pendants.		
26 52 13 16-0001		LED Exit Signs *(26 52 13 16)*		
		Note: Includes red LED lamps.		
26 52 13 16-0002	EA	Single Face, Thermoplastic Housing, LED Exit Sign (Lithonia LQM-S-W-3-R-120/277-M6)	203.84	46.89
		For Green LED Lamps, Add	*15.00*	
		For >50 To 100, Deduct	*-7.44*	
		For >100 To 250, Deduct	*-12.54*	
		For >250 To 500, Deduct	*-20.38*	
		For >500, Deduct	*-28.23*	
26 52 13 16-0003	EA	Double Face, Thermoplastic Housing, LED Exit Sign (Lithonia LQM-S-W-3-R-120/277-M6)	203.84	46.89
		For Green LED Lamps, Add	*15.00*	
		For >50 To 100, Deduct	*-7.44*	
		For >100 To 250, Deduct	*-12.54*	
		For >250 To 500, Deduct	*-20.38*	
		For >500, Deduct	*-28.23*	
26 52 13 16-0004	EA	Single Face, Thermoplastic Housing, LED Exit Sign With Battery Back-Up (Lithonia LQM-S-W-3-R-120/277-EL-N-M6)	286.15	46.89
		For Self-Diagnostics, Add	*50.00*	
		For Green LED Lamps, Add	*15.00*	
		For >50 To 100, Deduct	*-9.50*	
		For >100 To 250, Deduct	*-16.65*	
		For >250 To 500, Deduct	*-28.62*	
		For >500, Deduct	*-40.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 52 13 16-0005	EA	Double Face, Thermoplastic Housing, LED Exit Sign With Battery Back-Up (Lithonia LQM ELN)	286.15	46.89
		For Self-Diagnostics, Add	*50.00*	
		For Green LED Lamps, Add	*15.00*	
		For >50 To 100, Deduct	*-9.50*	
		For >100 To 250, Deduct	*-16.65*	
		For >250 To 500, Deduct	*-28.62*	
		For >500, Deduct	*-40.58*	
26 52 13 16-0006	EA	Single Face, Die-Cast Aluminum Housing, LED Exit Sign (Lithonia LQC-W-1-R)	315.57	46.89
		For Green LED Lamps, Add	*15.00*	
		For >50 To 100, Deduct	*-10.23*	
		For >100 To 250, Deduct	*-18.12*	
		For >250 To 500, Deduct	*-31.56*	
		For >500, Deduct	*-44.99*	
26 52 13 16-0007	EA	Double Face, Die-Cast Aluminum Housing, LED Exit Sign (Lithonia LQC-W-2-R)	358.48	46.89
		For Green LED Lamps, Add	*15.00*	
		For >50 To 100, Deduct	*-11.31*	
		For >100 To 250, Deduct	*-20.27*	
		For >250 To 500, Deduct	*-35.85*	
		For >500, Deduct	*-51.43*	
26 52 13 16-0008	EA	Single Face, Die-Cast Aluminum Housing, LED Exit Sign With Battery Back-Up (Lithonia LQC-W-1-R-EL-N)	297.63	46.89
		For Self-Diagnostics, Add	*50.00*	
		For Green LED Lamps, Add	*15.00*	
		For >50 To 100, Deduct	*-9.79*	
		For >100 To 250, Deduct	*-17.23*	
		For >250 To 500, Deduct	*-29.76*	
		For >500, Deduct	*-42.30*	
26 52 13 16-0009	EA	Double Face, Die-Cast Aluminum Housing, LED Exit Sign With Battery Back-Up (Lithonia LQC-W-2-R-EL-N)	328.78	46.89
		For Self-Diagnostics, Add	*50.00*	
		For Green LED Lamps, Add	*15.00*	
		For >50 To 100, Deduct	*-10.56*	
		For >100 To 250, Deduct	*-18.78*	
		For >250 To 500, Deduct	*-32.88*	
		For >500, Deduct	*-46.97*	
26 52 13 16-0010	EA	Single Face, Thermoplastic Housing, LED Exit Sign/Emergency Light Combo With Battery Back-Up (Lithonia LHQM-S-W-3-R-M4) Note: Includes two circular side mounted krypton emergency lights.	378.55	46.89
		For Green LED Lamps, Add	*15.00*	
		For >50 To 100, Deduct	*-12.67*	
		For >100 To 250, Deduct	*-22.14*	
		For >250 To 500, Deduct	*-37.86*	
		For >500, Deduct	*-53.58*	
26 52 13 16-0011	EA	Single Face, Thermoplastic Housing, LED Exit Sign/Emergency Light Combo With Battery Back-Up (Lithonia LHQM-LED-R-M6) Note: Includes two circular side mounted LED emergency lights.	323.36	46.89
		For Green LED Lamps, Add	*15.00*	
		For >50 To 100, Deduct	*-11.29*	
		For >100 To 250, Deduct	*-19.38*	
		For >250 To 500, Deduct	*-32.34*	
		For >500, Deduct	*-45.30*	
26 52 13 16-0012	EA	Single Face, Powder Coated Steel Housing, LED Exit Sign/Emergency Light Combo With Battery Back-Up (Big Beam COM-PH) Note: Includes two rectangular front mounted high intensity tungsten emergency lights.	475.72	46.89
		For Green LED Lamps, Add	*15.00*	
		For >50 To 100, Deduct	*-15.10*	
		For >100 To 250, Deduct	*-26.99*	
		For >250 To 500, Deduct	*-47.57*	
		For >500, Deduct	*-68.15*	
26 52 13 16-0013	EA	Single Face, Powder Coated Steel Housing, LED Exit Sign/Emergency Light Combo With Battery Back-Up (Big Beam COM) Note: Includes two circular side mounted PAR 36 emergency lights.	498.33	46.89
		For Green LED Lamps, Add	*15.00*	
		For >50 To 100, Deduct	*-15.67*	
		For >100 To 250, Deduct	*-28.12*	
		For >250 To 500, Deduct	*-49.83*	
		For >500, Deduct	*-71.54*	
26 52 13 16-0014	EA	Single Or Double Face, Polycarbonate Housing, LED Emergency Exit Sign (Eaton Lighting APX6R)	134.50	46.89
		For >50 To 100, Deduct	*-5.71*	
		For >100 To 250, Deduct	*-9.07*	
		For >250 To 500, Deduct	*-13.45*	
		For >500, Deduct	*-17.83*	
26 52 13 16-0015	EA	120-277 Volt, LED Emergency Exit Sign With Nickel Cadmium Battery, Red (Cooper Industries APX7R)	135.03	46.89
		For >50 To 100, Deduct	*-5.72*	
		For >100 To 250, Deduct	*-9.10*	
		For >250 To 500, Deduct	*-13.50*	
		For >500, Deduct	*-17.91*	

26 52 13 16-0016 Edge-Lit LED Exit Signs *(26 52 13 16)*

Note: Includes red LED lamps.

26 52 13 16-0017	EA	Single Face, Edge-Lit LED Exit Sign (Lithonia EDG-1- R-M6)	280.91	46.89
		For Green LED Lamps, Add	*40.00*	
		For >50 To 100, Deduct	*-9.37*	
		For >100 To 250, Deduct	*-16.39*	
		For >250 To 500, Deduct	*-28.09*	
		For >500, Deduct	*-39.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 52 13 16-0018	EA	Double Face, Edge-Lit LED Exit Sign (Lithonia EDG-2-R-M6)	283.88	46.89
		For Green LED Lamps, Add	*40.00*	
		For >50 To 100, Deduct	*-9.44*	
		For >100 To 250, Deduct	*-16.54*	
		For >250 To 500, Deduct	*-28.39*	
		For >500, Deduct	*-40.24*	
26 52 13 16-0019	EA	Single Face, Edge-Lit LED Exit Sign With Battery Back-Up (Lithonia EDG-1-R-EL-M6)	303.98	46.89
		For Self-Diagnostics, Add	*50.00*	
		For Green LED Lamps, Add	*40.00*	
		For >50 To 100, Deduct	*-9.94*	
		For >100 To 250, Deduct	*-17.54*	
		For >250 To 500, Deduct	*-30.40*	
		For >500, Deduct	*-43.25*	
26 52 13 16-0020	EA	Double Face, Edge-Lit LED Exit Sign With Battery Back-Up (Lithonia EDG-2-R-EL-M6)	364.06	46.89
		For Self-Diagnostics, Add	*50.00*	
		For Green LED Lamps, Add	*40.00*	
		For >50 To 100, Deduct	*-11.45*	
		For >100 To 250, Deduct	*-20.55*	
		For >250 To 500, Deduct	*-36.41*	
		For >500, Deduct	*-52.26*	

26 52 13 16-0021 Self-Luminous Tritium Exit Signs *(26 52 13 16)*

Note: Includes red or green tritium filled pyrex glass light tubes with phosphor coating.

26 52 13 16-0022	EA	10 Year, Single Face, Acrylonitrile Butadiene Styrene (ABS) Housing, Self-Luminous Tritium Exit Sign (Isolite SLX-60-S-10-R)	603.08	46.89
		For >50 To 100, Deduct	*-17.42*	
		For >100 To 250, Deduct	*-32.50*	
		For >250 To 500, Deduct	*-60.31*	
		For >500, Deduct	*-88.12*	
26 52 13 16-0023	EA	10 Year, Double Face, Acrylonitrile Butadiene Styrene (ABS) Housing, Self-Luminous Tritium Exit Sign (Isolite SLX-60-D-10-R)	1,111.83	46.89
		For >50 To 100, Deduct	*-30.14*	
		For >100 To 250, Deduct	*-57.94*	
		For >250 To 500, Deduct	*-111.18*	
		For >500, Deduct	*-164.43*	
26 52 13 16-0024	EA	20 Year, Single Face, Acrylonitrile Butadiene Styrene (ABS) Housing, Self-Luminous Tritium Exit Sign (Isolite SLX-60-S-20-R)	718.98	46.89
		For >50 To 100, Deduct	*-20.32*	
		For >100 To 250, Deduct	*-38.29*	
		For >250 To 500, Deduct	*-71.90*	
		For >500, Deduct	*-105.50*	
26 52 13 16-0025	EA	20 Year, Double Face, Acrylonitrile Butadiene Styrene (ABS) Housing, Self-Luminous Tritium Exit Sign (Isolite SLX-60-D-20-R)	1,204.88	46.89
		For >50 To 100, Deduct	*-32.47*	
		For >100 To 250, Deduct	*-62.59*	
		For >250 To 500, Deduct	*-120.49*	
		For >500, Deduct	*-178.39*	
26 52 13 16-0026	EA	10 Year, Single Face, Aluminum Housing, Self-Luminous Tritium Exit Sign (Isolite 2040-01-10-R)	660.76	46.89
		For >50 To 100, Deduct	*-18.86*	
		For >100 To 250, Deduct	*-35.38*	
		For >250 To 500, Deduct	*-66.08*	
		For >500, Deduct	*-96.77*	
26 52 13 16-0027	EA	10 Year, Double Face, Aluminum Housing, Self-Luminous Tritium Exit Sign (Isolite 2040-07-10-R)	1,204.88	46.89
		For >50 To 100, Deduct	*-32.47*	
		For >100 To 250, Deduct	*-62.59*	
		For >250 To 500, Deduct	*-120.49*	
		For >500, Deduct	*-178.39*	
26 52 13 16-0028	EA	20 Year, Single Face, Aluminum Housing, Self-Luminous Tritium Exit Sign (Isolite 2040-01-20-R)	811.48	46.89
		For >50 To 100, Deduct	*-22.63*	
		For >100 To 250, Deduct	*-42.92*	
		For >250 To 500, Deduct	*-81.15*	
		For >500, Deduct	*-119.38*	
26 52 13 16-0029	EA	20 Year, Double Face, Aluminum Housing, Self-Luminous Tritium Exit Sign (Isolite 2040-07-20-R)	1,496.52	46.89
		For >50 To 100, Deduct	*-39.76*	
		For >100 To 250, Deduct	*-77.17*	
		For >250 To 500, Deduct	*-149.65*	
		For >500, Deduct	*-222.13*	

26 52 13 16-0030 Vandal-Resistant LED Exit Signs *(26 52 13 16)*

Note: Includes red LED lamps.

26 52 13 16-0031	EA	Single Face, Aluminum Housing, Vandal-Resistant/Wet Location, LED Exit Sign (Lithonia LV-S-W-1-R-120/277)	568.80	46.89
		For >50 To 100, Deduct	*-16.56*	
		For >100 To 250, Deduct	*-30.78*	
		For >250 To 500, Deduct	*-56.88*	
		For >500, Deduct	*-82.98*	
26 52 13 16-0032	EA	Single Face, Aluminum Housing, Vandal-Resistant/Wet Location, LED Exit Sign With Battery Backup (Lithonia LV-S-W-1-R-120/277-EL-N)	883.85	46.89
		For >50 To 100, Deduct	*-24.44*	
		For >100 To 250, Deduct	*-46.54*	
		For >250 To 500, Deduct	*-88.39*	
		For >500, Deduct	*-130.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 52 13 16-0033	EA	Single Face, Aluminum Housing, NEMA 4X, Vandal-Resistant/Wet Location, LED Exit Sign With Battery Backup (Lithonia LV-S-1-R-120/277-EL-N-UM-4X)	1,077.01	46.89
		For >50 To 100, Deduct	*-29.27*	
		For >100 To 250, Deduct	*-56.20*	
		For >250 To 500, Deduct	*-107.70*	
		For >500, Deduct	*-159.21*	

26 52 13 16-0034 Removal And Reinstallation Of Exit Light Fixture *(26 52 13 16)*

26 52 13 16-0035	EA	Removal And Reinstall Of Exit Light Fixtures Note: Includes storage and cleaning.	96.22	
		For >50 To 100, Deduct	*-4.81*	
		For >100 To 250, Deduct	*-7.22*	
		For >250 To 500, Deduct	*-9.62*	
		For >500, Deduct	*-12.03*	

26 52 13 16-0036 Exit Sign Accessories *(26 52 13 16)*

26 52 13 16-0037	EA	Polycarbonate Vandal Shield For Exit Signs (Radiant-Lite BG-1)	134.50	12.85
		For >50 To 100, Deduct	*-4.01*	
		For >100 To 250, Deduct	*-7.37*	
		For >250 To 500, Deduct	*-13.45*	
		For >500, Deduct	*-19.53*	
26 52 13 16-0038	EA	Wire Guard For Exit Signs Or Emergency Lights (Best Lighting Products WG-1)	78.19	12.85
		For >50 To 100, Deduct	*-2.60*	
		For >100 To 250, Deduct	*-4.55*	
		For >250 To 500, Deduct	*-7.82*	
		For >500, Deduct	*-11.09*	
26 52 13 16-0039	EA	Wire Guard For Combination Exit Sign And Emergency Light (Best Lighting Products WG-3)	125.52	10.28
		For >50 To 100, Deduct	*-3.65*	
		For >100 To 250, Deduct	*-6.79*	
		For >250 To 500, Deduct	*-12.55*	
		For >500, Deduct	*-18.31*	
26 52 13 16-0040	EA	Removal And Replacement Of Battery For Exit Signs Note: Battery: nickel cadmium, 1.2 volt, 1 Ah battery capacity	134.30	
		For >50 To 100, Deduct	*-4.16*	
		For >100 To 250, Deduct	*-7.52*	
		For >250 To 500, Deduct	*-13.43*	
		For >500, Deduct	*-19.34*	

26 54 Classified Location Lighting *(26 50)*

26 54 19 LED Classified Location Lighting *(26 54)*

26 54 19 00-0001 Class I Division 2, Hazardous Location, LED Fixtures *(26 54 19)*

26 54 19 00-0002 Class I Division 2, Hazardous Location, NEMA 4X, LED Floodlight (Cooper Champ® FMV) *(26 54 19 00-0001)*

Note: Includes 5,600K CRI LED arrays, shatter resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.

26 54 19 00-0003	EA	5,183 Lumens, 45 Watt, Yoke Mount, Class I Division 2, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® FMV5L)	2,789.92	105.49
		For Bolt-On Visor, Add	*106.99*	
		For Bolt-On Wire Guard, Add	*220.06*	
		For 480 Volt, Add	*188.41*	
		For Warm White Color Rendering, Add	*80.00*	
		For >50 To 100, Deduct	*-74.14*	
		For >100 To 250, Deduct	*-143.89*	
		For >250 To 500, Deduct	*-278.99*	
		For >500, Deduct	*-414.09*	
26 54 19 00-0004	EA	7,095 Lumens, 62 Watt, Yoke Mount, Class I Division 2, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® FMV7L)	3,417.96	112.53
		For Bolt-On Visor, Add	*106.99*	
		For Bolt-On Wire Guard, Add	*220.06*	
		For 480 Volt, Add	*188.41*	
		For Warm White Color Rendering, Add	*80.00*	
		For >50 To 100, Deduct	*-90.14*	
		For >100 To 250, Deduct	*-175.59*	
		For >250 To 500, Deduct	*-341.80*	
		For >500, Deduct	*-508.01*	
26 54 19 00-0005	EA	9,132 Lumens, 79 Watt, Yoke Mount, Class I Division 2, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® FMV9L)	3,861.14	119.56
		For Bolt-On Visor, Add	*106.99*	
		For Bolt-On Wire Guard, Add	*220.06*	
		For 480 Volt, Add	*188.41*	
		For Warm White Color Rendering, Add	*80.00*	
		For >50 To 100, Deduct	*-101.51*	
		For >100 To 250, Deduct	*-198.04*	
		For >250 To 500, Deduct	*-386.11*	
		For >500, Deduct	*-574.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 54 19 00-0006	EA	11,107 Lumens, 99 Watt, Yoke Mount, Class I Division 2, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® FMV11L)	4,316.62	126.59
		For Bolt-On Visor, Add	*106.99*	
		For Bolt-On Wire Guard, Add	*220.06*	
		For 480 Volt, Add	*188.41*	
		For Warm White Color Rendering, Add	*80.00*	
		For >50 To 100, Deduct	*-113.19*	
		For >100 To 250, Deduct	*-221.11*	
		For >250 To 500, Deduct	*-431.66*	
		For >500, Deduct	*-642.22*	

26 54 19 00-0007 Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Vaporgard™ V2LC) *(26 54 19 00-0001)*

Note: Includes 5,600K CRI LED arrays, heat resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.

26 54 19 00-0008	EA	1,600 Lumens, 25 Watt, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Vaporgard™ V2LC)	1,647.35	98.47
		For 12/24 Volt DC Driver, Add	*30.41*	
		For Frosted Lens, Add	*62.14*	
		For Warm White Color Temperature LEDs, Add	*80.00*	
		For 55 Degree Ambient Suitability (AC Only) Option, Add	*41.40*	
		For Stanchion Mount, Add	*256.35*	
		For Ceiling Mount, Add	*102.79*	
		For Wall Mount, Add	*150.05*	
		For Teflon Coated Lens, Add	*131.89*	
		For Wall Mount With Junction Box, Add	*219.09*	
		For >50 To 100, Deduct	*-45.29*	
		For >100 To 250, Deduct	*-86.47*	
		For >250 To 500, Deduct	*-164.74*	
		For >500, Deduct	*-243.00*	

26 54 19 00-0009 Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV) *(26 54 19 00-0001)*

Note: Includes 5,600K CRI LED arrays, heat and impact resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.

26 54 19 00-0010	EA	3,240 Lumens, 47 Watt, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV3L)	2,622.17	98.47
		For Ceiling Mount, Add	*19.67*	
		For Quick Clip Mounting Option, Add	*28.90*	
		For Frosted Lens, Add	*62.14*	
		For Warm White Color Rendering, Add	*80.00*	
		For Polycarbonate Lens, Add	*115.18*	
		For 480 Volt, Add	*188.41*	
		For >50 To 100, Deduct	*-69.66*	
		For >100 To 250, Deduct	*-135.21*	
		For >250 To 500, Deduct	*-262.22*	
		For >500, Deduct	*-389.22*	
26 54 19 00-0011	EA	3,778 Lumens, 63 Watt, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV5L)	2,904.63	105.49
		For Ceiling Mount, Add	*19.67*	
		For Quick Clip Mounting Option, Add	*28.90*	
		For Frosted Lens, Add	*62.14*	
		For Warm White Color Rendering, Add	*80.00*	
		For Polycarbonate Lens, Add	*115.18*	
		For 480 Volt, Add	*188.41*	
		For >50 To 100, Deduct	*-77.01*	
		For >100 To 250, Deduct	*-149.63*	
		For >250 To 500, Deduct	*-290.46*	
		For >500, Deduct	*-431.30*	
26 54 19 00-0012	EA	6,340 Lumens, 98 Watt, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV7L)	3,255.03	112.53
		For Ceiling Mount, Add	*19.67*	
		For Quick Clip Mounting Option, Add	*28.90*	
		For Frosted Lens, Add	*62.14*	
		For Warm White Color Rendering, Add	*80.00*	
		For Polycarbonate Lens, Add	*115.18*	
		For 480 Volt, Add	*188.41*	
		For >50 To 100, Deduct	*-86.06*	
		For >100 To 250, Deduct	*-167.44*	
		For >250 To 500, Deduct	*-325.50*	
		For >500, Deduct	*-483.57*	
26 54 19 00-0013	EA	6,340 Lumens, 98 Watt, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV9L)	4,242.64	119.56
		For Ceiling Mount, Add	*19.67*	
		For Quick Clip Mounting Option, Add	*28.90*	
		For Frosted Lens, Add	*62.14*	
		For Warm White Color Rendering, Add	*80.00*	
		For Polycarbonate Lens, Add	*115.18*	
		For 480 Volt, Add	*188.41*	
		For >50 To 100, Deduct	*-111.05*	
		For >100 To 250, Deduct	*-217.11*	
		For >250 To 500, Deduct	*-424.26*	
		For >500, Deduct	*-631.41*	

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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 54 19 00-0014 EA 9,720 Lumens, 137 Watt, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV11L)	4,868.40	126.59
For Ceiling Mount, Add	*19.67*	
For Quick Clip Mounting Option, Add	*28.90*	
For Frosted Lens, Add	*62.14*	
For Warm White Color Rendering, Add	*80.00*	
For Polycarbonate Lens, Add	*115.18*	
For 480 Volt, Add	*188.41*	
For >50 To 100, Deduct	*-126.98*	
For >100 To 250, Deduct	*-248.69*	
For >250 To 500, Deduct	*-486.84*	
For >500, Deduct	*-724.99*	

26 54 19 00-0015 Class I Division 1, Explosion Proof, LED Fixtures *(26 54 19)*

26 54 19 00-0016 Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL) *(26 54 19 00-0015)*

Note: Includes 5,600K CRI LED arrays, shatter resistant and explosion proof glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.

26 54 19 00-0017 EA 5,625 Lumens, 80 Watt, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL5L)	6,147.58	105.49
For Wall Mount, Deduct	*-23.89*	
For Warm Color Temperature LEDs, Add	*128.73*	
For Stainless Steel Guard, Add	*231.06*	
For Ceiling Mount, Add	*278.73*	
For Stanchion Mount, Add	*324.40*	
For Yoke Mount, Add	*811.00*	
For >50 To 100, Deduct	*-158.09*	
For >100 To 250, Deduct	*-311.77*	
For >250 To 500, Deduct	*-614.76*	
For >500, Deduct	*-917.74*	
26 54 19 00-0018 EA 6,750 Lumens, 100 Watt, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL7L)	7,491.76	112.53
For Wall Mount, Deduct	*-23.89*	
For Warm Color Temperature LEDs, Add	*128.73*	
For Stainless Steel Guard, Add	*231.06*	
For Ceiling Mount, Add	*278.73*	
For Stanchion Mount, Add	*324.40*	
For Yoke Mount, Add	*811.00*	
For >50 To 100, Deduct	*-191.98*	
For >100 To 250, Deduct	*-379.28*	
For >250 To 500, Deduct	*-749.18*	
For >500, Deduct	*-1,119.08*	
26 54 19 00-0019 EA 9,000 Lumens, 130 Watt, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL9L)	8,714.96	119.56
For Wall Mount, Deduct	*-23.89*	
For Warm Color Temperature LEDs, Add	*128.73*	
For Stainless Steel Guard, Add	*231.06*	
For Ceiling Mount, Add	*278.73*	
For Stanchion Mount, Add	*324.40*	
For Yoke Mount, Add	*811.00*	
For >50 To 100, Deduct	*-222.86*	
For >100 To 250, Deduct	*-440.73*	
For >250 To 500, Deduct	*-871.50*	
For >500, Deduct	*-1,302.26*	
26 54 19 00-0020 EA 10,500 Lumens, 151 Watt, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL11L)	9,960.76	126.59
For Wall Mount, Deduct	*-23.89*	
For Warm Color Temperature LEDs, Add	*128.73*	
For Stainless Steel Guard, Add	*231.06*	
For Ceiling Mount, Add	*278.73*	
For Stanchion Mount, Add	*324.40*	
For Yoke Mount, Add	*811.00*	
For >50 To 100, Deduct	*-254.29*	
For >100 To 250, Deduct	*-503.31*	
For >250 To 500, Deduct	*-996.08*	
For >500, Deduct	*-1,488.84*	
26 54 19 00-0021 EA 13,500 Lumens, 175 Watt, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL13L)	11,555.35	121.90
For Wall Mount, Deduct	*-23.89*	
For Warm Color Temperature LEDs, Add	*128.73*	
For Stainless Steel Guard, Add	*231.06*	
For Ceiling Mount, Add	*278.73*	
For Stanchion Mount, Add	*324.40*	
For Yoke Mount, Add	*811.00*	
For >50 To 100, Deduct	*-294.45*	
For >100 To 250, Deduct	*-583.34*	
For >250 To 500, Deduct	*-1,155.54*	
For >500, Deduct	*-1,727.73*	

26 55 Special Purpose Lighting *(26 50)*

26 55 13 Landscape Lighting *(26 55)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 13 00-0001		Bollards *(26 55 13)* Note: Excludes concrete base.		
26 55 13 00-0002		Aluminum Architectural Bollards *(26 55 13 00-0001)*		
26 55 13 00-0003		High Pressure Sodium, Aluminum Architectural Bollards *(26 55 13 00-0002)*		
26 55 13 00-0004		Square, High Pressure Sodium, Aluminum Architectural Bollards *(26 55 13 00-0003)*		
26 55 13 00-0005	EA	24" Overall Height, 6-3/4" Square, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,638.86	109.05
26 55 13 00-0006	EA	30" Overall Height, 6-3/4" Square, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,651.68	115.46
26 55 13 00-0007	EA	36" Overall Height, 6-3/4" Square, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,664.51	121.88
26 55 13 00-0008	EA	42" Overall Height, 6-3/4" Square, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,540.16	128.30
26 55 13 00-0009	EA	24" Overall Height, 6-3/4" Square, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,638.86	109.05
26 55 13 00-0010	EA	30" Overall Height, 6-3/4" Square, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,651.68	115.46
26 55 13 00-0011	EA	36" Overall Height, 6-3/4" Square, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,664.51	121.88
26 55 13 00-0012	EA	42" Overall Height, 6-3/4" Square, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,540.16	128.30
26 55 13 00-0013	EA	24" Overall Height, 6-3/4" Square, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,638.86	109.05
26 55 13 00-0014	EA	30" Overall Height, 6-3/4" Square, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,651.68	115.46
26 55 13 00-0015	EA	36" Overall Height, 6-3/4" Square, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,664.51	121.88
26 55 13 00-0016	EA	42" Overall Height, 6-3/4" Square, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,540.16	128.30
26 55 13 00-0017	EA	24" Overall Height, 6-3/4" Square, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,638.86	109.05
26 55 13 00-0018	EA	30" Overall Height, 6-3/4" Square, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,651.68	115.46
26 55 13 00-0019	EA	36" Overall Height, 6-3/4" Square, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,664.51	121.88
26 55 13 00-0020	EA	42" Overall Height, 6-3/4" Square, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,540.16	128.30
26 55 13 00-0021		Round, High Pressure Sodium, Aluminum Architectural Bollards *(26 55 13 00-0003)*		
26 55 13 00-0022	EA	24" Overall Height, 7" Diameter, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,575.86	109.05
26 55 13 00-0023	EA	30" Overall Height, 7" Diameter, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,588.68	115.46
26 55 13 00-0024	EA	36" Overall Height, 7" Diameter, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,601.51	121.88
26 55 13 00-0025	EA	42" Overall Height, 7" Diameter, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,476.58	128.30
26 55 13 00-0026	EA	24" Overall Height, 7" Diameter, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,575.86	109.05
26 55 13 00-0027	EA	30" Overall Height, 7" Diameter, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,588.68	115.46
26 55 13 00-0028	EA	36" Overall Height, 7" Diameter, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,601.51	121.88
26 55 13 00-0029	EA	42" Overall Height, 7" Diameter, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,476.58	128.30
26 55 13 00-0030	EA	24" Overall Height, 7" Diameter, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,575.86	109.05
26 55 13 00-0031	EA	30" Overall Height, 7" Diameter, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,588.68	115.46
26 55 13 00-0032	EA	36" Overall Height, 7" Diameter, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,601.51	121.88
26 55 13 00-0033	EA	42" Overall Height, 7" Diameter, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,476.58	128.30
26 55 13 00-0034	EA	24" Overall Height, 7" Diameter, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,575.86	109.05
26 55 13 00-0035	EA	30" Overall Height, 7" Diameter, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,588.68	115.46
26 55 13 00-0036	EA	36" Overall Height, 7" Diameter, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,601.51	121.88
26 55 13 00-0037	EA	42" Overall Height, 7" Diameter, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,476.58	128.30
26 55 13 00-0038		Metal Halide, Aluminum Architectural Bollards *(26 55 13 00-0002)*		
26 55 13 00-0039		Square, Metal Halide, Aluminum Architectural Bollards *(26 55 13 00-0038)*		
26 55 13 00-0040	EA	24" Overall Height, 6-3/4" Square, 50 Watt Metal Halide, Aluminum Architectural Bollard	1,720.66	109.05
26 55 13 00-0041	EA	30" Overall Height, 6-3/4" Square, 50 Watt Metal Halide, Aluminum Architectural Bollard	1,733.48	115.46
26 55 13 00-0042	EA	36" Overall Height, 6-3/4" Square, 50 Watt Metal Halide, Aluminum Architectural Bollard	1,746.31	121.88
26 55 13 00-0043	EA	42" Overall Height, 6-3/4" Square, 50 Watt Metal Halide, Aluminum Architectural Bollard	1,621.38	128.30
26 55 13 00-0044	EA	24" Overall Height, 6-3/4" Square, 70 Watt Metal Halide, Aluminum Architectural Bollard	1,720.66	109.05
26 55 13 00-0045	EA	30" Overall Height, 6-3/4" Square, 70 Watt Metal Halide, Aluminum Architectural Bollard	1,733.48	115.46
26 55 13 00-0046	EA	36" Overall Height, 6-3/4" Square, 70 Watt Metal Halide, Aluminum Architectural Bollard	1,746.31	121.88
26 55 13 00-0047	EA	42" Overall Height, 6-3/4" Square, 70 Watt Metal Halide, Aluminum Architectural Bollard	1,621.38	128.30
26 55 13 00-0048	EA	24" Overall Height, 6-3/4" Square, 100 Watt Metal Halide, Aluminum Architectural Bollard	1,720.66	109.05
26 55 13 00-0049	EA	30" Overall Height, 6-3/4" Square, 100 Watt Metal Halide, Aluminum Architectural Bollard	1,733.48	115.46
26 55 13 00-0050	EA	36" Overall Height, 6-3/4" Square, 100 Watt Metal Halide, Aluminum Architectural Bollard	1,746.31	121.88
26 55 13 00-0051	EA	42" Overall Height, 6-3/4" Square, 100 Watt Metal Halide, Aluminum Architectural Bollard	1,689.84	128.30
26 55 13 00-0052		Round, Metal Halide, Aluminum Architectural Bollards *(26 55 13 00-0038)*		
26 55 13 00-0053	EA	24" Overall Height, 7" Diameter, 50 Watt Metal Halide, Aluminum Architectural Bollard	1,657.09	109.05
26 55 13 00-0054	EA	30" Overall Height, 7" Diameter, 50 Watt Metal Halide, Aluminum Architectural Bollard	1,669.91	115.46
26 55 13 00-0055	EA	36" Overall Height, 7" Diameter, 50 Watt Metal Halide, Aluminum Architectural Bollard	1,682.74	121.88
26 55 13 00-0056	EA	42" Overall Height, 7" Diameter, 50 Watt Metal Halide, Aluminum Architectural Bollard	1,557.81	128.30
26 55 13 00-0057	EA	24" Overall Height, 7" Diameter, 70 Watt Metal Halide, Aluminum Architectural Bollard	1,657.09	109.05
26 55 13 00-0058	EA	30" Overall Height, 7" Diameter, 70 Watt Metal Halide, Aluminum Architectural Bollard	1,669.91	115.46
26 55 13 00-0059	EA	36" Overall Height, 7" Diameter, 70 Watt Metal Halide, Aluminum Architectural Bollard	1,682.74	121.88
26 55 13 00-0060	EA	42" Overall Height, 7" Diameter, 70 Watt Metal Halide, Aluminum Architectural Bollard	1,557.81	128.30
26 55 13 00-0061	EA	24" Overall Height, 7" Diameter, 100 Watt Metal Halide, Aluminum Architectural Bollard	1,657.09	109.05
26 55 13 00-0062	EA	30" Overall Height, 7" Diameter, 100 Watt Metal Halide, Aluminum Architectural Bollard	1,669.91	115.46
26 55 13 00-0063	EA	36" Overall Height, 7" Diameter, 100 Watt Metal Halide, Aluminum Architectural Bollard	1,682.74	121.88
26 55 13 00-0064	EA	42" Overall Height, 7" Diameter, 100 Watt Metal Halide, Aluminum Architectural Bollard	1,557.81	128.30
26 55 13 00-0065		Compact Fluorescent, Aluminum Architectural Bollards *(26 55 13 00-0002)*		
26 55 13 00-0066		Square, Compact Fluorescent, Aluminum Architectural Bollards *(26 55 13 00-0065)*		
26 55 13 00-0067	EA	24" Overall Height, 6-3/4" Square, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,631.69	109.05

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 13 00-0068	EA	30" Overall Height, 6-3/4" Square, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,644.51	115.46
26 55 13 00-0069	EA	36" Overall Height, 6-3/4" Square, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,657.34	121.88
26 55 13 00-0070	EA	42" Overall Height, 6-3/4" Square, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,534.27	128.30
26 55 13 00-0071	EA	24" Overall Height, 6-3/4" Square, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,631.69	109.05
26 55 13 00-0072	EA	30" Overall Height, 6-3/4" Square, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,644.51	115.46
26 55 13 00-0073	EA	36" Overall Height, 6-3/4" Square, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,657.34	121.88
26 55 13 00-0074	EA	42" Overall Height, 6-3/4" Square, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,534.27	128.30
26 55 13 00-0075	EA	24" Overall Height, 6-3/4" Square, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,631.69	109.05
26 55 13 00-0076	EA	30" Overall Height, 6-3/4" Square, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,644.51	115.46
26 55 13 00-0077	EA	36" Overall Height, 6-3/4" Square, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,657.34	121.88
26 55 13 00-0078	EA	42" Overall Height, 6-3/4" Square, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,534.27	128.30
26 55 13 00-0079		**Round, Compact Fluorescent, Aluminum Architectural Bollards** *(26 55 13 00-0065)*		
26 55 13 00-0080	EA	24" Overall Height, 7" Diameter, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,569.50	109.05
26 55 13 00-0081	EA	30" Overall Height, 7" Diameter, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,582.32	115.46
26 55 13 00-0082	EA	36" Overall Height, 7" Diameter, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,595.15	121.88
26 55 13 00-0083	EA	42" Overall Height, 7" Diameter, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,473.28	128.30
26 55 13 00-0084	EA	24" Overall Height, 7" Diameter, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,569.50	109.05
26 55 13 00-0085	EA	30" Overall Height, 7" Diameter, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,582.32	115.46
26 55 13 00-0086	EA	36" Overall Height, 7" Diameter, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,595.15	121.88
26 55 13 00-0087	EA	42" Overall Height, 7" Diameter, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,473.28	128.30
26 55 13 00-0088	EA	24" Overall Height, 7" Diameter, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,569.50	109.05
26 55 13 00-0089	EA	30" Overall Height, 7" Diameter, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,582.32	115.46
26 55 13 00-0090	EA	36" Overall Height, 7" Diameter, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,595.15	121.88
26 55 13 00-0091	EA	42" Overall Height, 7" Diameter, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,473.28	128.30
26 55 13 00-0092		**LED, Aluminum Architectural Bollards** *(26 55 13 00-0002)*		
26 55 13 00-0093		**Square, LED, Aluminum Architectural Bollards** *(26 55 13 00-0092)*		
26 55 13 00-0094	EA	24" Overall Height, 6-3/4" Square, 12 LEDs, Aluminum Architectural Bollard	1,954.59	109.05
26 55 13 00-0095	EA	30" Overall Height, 6-3/4" Square, 12 LEDs, Aluminum Architectural Bollard	1,967.41	115.46
26 55 13 00-0096	EA	36" Overall Height, 6-3/4" Square, 12 LEDs, Aluminum Architectural Bollard	1,980.24	121.88
26 55 13 00-0097	EA	42" Overall Height, 6-3/4" Square, 12 LEDs, Aluminum Architectural Bollard	1,858.89	128.30
26 55 13 00-0098	EA	24" Overall Height, 6-3/4" Square, 24 LEDs, Aluminum Architectural Bollard	2,387.51	109.05
26 55 13 00-0099	EA	30" Overall Height, 6-3/4" Square, 24 LEDs, Aluminum Architectural Bollard	2,400.33	115.46
26 55 13 00-0100	EA	36" Overall Height, 6-3/4" Square, 24 LEDs, Aluminum Architectural Bollard	2,413.16	121.88
26 55 13 00-0101	EA	42" Overall Height, 6-3/4" Square, 24 LEDs, Aluminum Architectural Bollard	2,289.66	128.30
26 55 13 00-0102		**Round, LED, Aluminum Architectural Bollards** *(26 55 13 00-0092)*		
26 55 13 00-0103	EA	24" Overall Height, 7" Diameter, 12 LEDs, Aluminum Architectural Bollard	1,890.01	109.05
26 55 13 00-0104	EA	30" Overall Height, 7" Diameter, 12 LEDs, Aluminum Architectural Bollard	1,902.83	115.46
26 55 13 00-0105	EA	36" Overall Height, 7" Diameter, 12 LEDs, Aluminum Architectural Bollard	1,915.66	121.88
26 55 13 00-0106	EA	42" Overall Height, 7" Diameter, 12 LEDs, Aluminum Architectural Bollard	1,792.16	128.30
26 55 13 00-0107	EA	24" Overall Height, 7" Diameter, 24 LEDs, Aluminum Architectural Bollard	2,322.93	109.05
26 55 13 00-0108	EA	30" Overall Height, 7" Diameter, 24 LEDs, Aluminum Architectural Bollard	2,335.75	115.46
26 55 13 00-0109	EA	36" Overall Height, 7" Diameter, 24 LEDs, Aluminum Architectural Bollard	2,348.58	121.88
26 55 13 00-0110	EA	42" Overall Height, 7" Diameter, 24 LEDs, Aluminum Architectural Bollard	2,225.85	128.30
26 55 13 00-0111		**Reinforced Concrete Bollards** *(26 55 13 00-0001)*		
26 55 13 00-0112	EA	48" Overall Height, 12" Diameter, LED Light, Reinforced Concrete Bollard	1,616.20	320.74
26 55 13 00-0113	EA	58" Overall Height, 18" Diameter, High Intensity Discharge (HID) Light, Reinforced Concrete Bollard	2,843.85	427.61
26 55 13 00-0114		**Low Voltage** *(26 55 13)*		
26 55 13 00-0115	EA	Low Voltage Recessed Uplight	836.00	233.50
26 55 13 00-0116	EA	Low Voltage Walkway	589.29	128.30
26 55 13 00-0117	EA	Low Voltage Malibu - 5 Light Set	584.52	171.28
26 55 13 00-0118	EA	Low Voltage Mushroom 24" Pier	504.61	128.30
26 55 13 00-0119		**Recessed, Adjustable** *(26 55 13)*		
26 55 13 00-0120	EA	150 Watt Incandescent Recessed, Adjustable	973.08	205.27
26 55 13 00-0121	EA	300 Watt Incandescent Recessed, Adjustable	1,063.81	205.27
26 55 13 00-0122		**Recessed, Uplight** *(26 55 13)*		
26 55 13 00-0123	EA	50 Watt Incandescent Recessed Uplight	870.24	205.27
26 55 13 00-0124	EA	150 Watt Incandescent Recessed Uplight	888.39	205.27
26 55 13 00-0125	EA	300 Watt Incandescent Recessed Uplight	942.83	205.27
26 55 13 00-0126	EA	500 Watt Quartz Recessed Uplight	936.78	205.27
26 55 13 00-0127	EA	5 Watt, LED Recessed Uplight	1,200.82	205.27
26 55 13 00-0128	EA	15 Watt, LED Recessed Uplight	1,321.43	205.27
26 55 13 00-0129		**Recessed Wall Light** *(26 55 13)*		
26 55 13 00-0130	EA	100 Watt Incandescent Recessed Wall Light	450.17	128.30

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 13 00-0131	EA	100 Watt Fluorescent Recessed Wall Light	432.02	128.30
26 55 13 00-0132	EA	100 Watt High Intensity Discharge (HID) Recessed Wall Light	699.45	171.28
26 55 13 00-0133		**Step Lights** *(26 55 13)*		
26 55 13 00-0134	EA	Incandescent Step Light	368.53	102.63
26 55 13 00-0135	EA	Fluorescent Step Light	429.08	102.63
26 55 13 00-0136	EA	5 Watt, LED Step Light	659.58	102.63
26 55 13 00-0137	EA	15 Watt, LED Step Light	788.23	102.63
26 55 13 00-0138		**Tree Lights, Surface Adjustable** *(26 55 13)*		
26 55 13 00-0139	EA	50 Watt Incandescent Tree Lights	778.09	171.28
26 55 13 00-0140	EA	100 Watt Incandescent Tree Lights	796.23	171.28
26 55 13 00-0141	EA	150 Watt Incandescent Tree Lights	997.10	256.60
26 55 16		**Walkway Lighting** *(26 55)*		
26 55 16 00-0001		**Incandescent Walkway** *(26 55 16)*		
26 55 16 00-0002	EA	Post Top 300 Watt Incandescent Walkway Fixture	419.28	119.32
26 55 16 00-0003		**Metal Halide Walkway** *(26 55 16)*		
26 55 16 00-0004	EA	Post Top 100 Watt Metal Halide Walkway Fixture	645.47	187.57
26 55 16 00-0005	EA	Post Top 150-175 Watt Metal Halide Walkway Fixture	682.63	194.37
26 55 16 00-0006	EA	Post Top 250 Watt Metal Halide Walkway Fixture	734.42	201.81
26 55 16 00-0007	EA	Post Top 400 Watt Metal Halide Walkway Fixture	786.96	218.11
26 55 16 00-0008	EA	Round Luminaries 100 Watt Metal Halide Walkway Fixture	702.90	201.81
26 55 16 00-0009	EA	Round Luminaries 150-175 Watt Metal Halide Walkway Fixture	706.11	187.57
26 55 16 00-0010	EA	Round Luminaries 250 Watt Metal Halide Walkway Fixture	720.48	194.37
26 55 16 00-0011	EA	Spherical 100 Watt Metal Halide Walkway Fixture	566.74	133.68
26 55 16 00-0012	EA	Spherical 150-175 Watt Metal Halide Walkway Fixture	598.27	133.68
26 55 16 00-0013	EA	Spherical 250 Watt Metal Halide Walkway Fixture	629.79	133.68
26 55 16 00-0014	EA	Spherical 400 Watt Metal Halide Walkway Fixture	710.95	150.49
26 55 16 00-0015	EA	Low Walkway 100 Watt Metal Halide Walkway Fixture	539.71	120.08
26 55 16 00-0016		**High Pressure Sodium Walkway** *(26 55 16)*		
26 55 16 00-0017	EA	Post Top 100 Watt High Pressure Sodium Walkway Fixture	586.33	187.57
26 55 16 00-0018	EA	Post Top 150-175 Watt High Pressure Sodium Walkway Fixture	618.35	194.37
26 55 16 00-0019	EA	Post Top 250 Watt High Pressure Sodium Walkway Fixture	662.02	201.81
26 55 16 00-0020	EA	Post Top 400 Watt High Pressure Sodium Walkway Fixture	710.27	218.11
26 55 16 00-0021	EA	Round Luminaries 100 Watt High Pressure Sodium Walkway Fixture	637.40	201.81
26 55 16 00-0022	EA	Round Luminaries 150-175 Watt High Pressure Sodium Walkway Fixture	633.71	187.57
26 55 16 00-0023	EA	Round Luminaries 250 Watt High Pressure Sodium Walkway Fixture	647.92	194.37
26 55 16 00-0024	EA	Spherical 100 Watt High Pressure Sodium Walkway Fixture	501.24	133.68
26 55 16 00-0025	EA	Spherical 175 150-Watt High Pressure Sodium Walkway Fixture	525.86	133.68
26 55 16 00-0026	EA	Spherical 250 Watt High Pressure Sodium Walkway Fixture	550.49	133.68
26 55 16 00-0027	EA	Spherical 400 Watt High Pressure Sodium Walkway Fixture	621.31	150.49
26 55 16 00-0028	EA	Low Walkway 100 Watt High Pressure Sodium Walkway Fixture	523.74	120.08
26 55 16 00-0029		**Walkway, Adjustable** *(26 55 16)*		
26 55 16 00-0030	EA	2' Fluorescent Adjustable Walkway Fixture	606.95	171.28
26 55 16 00-0031	EA	4' Fluorescent Adjustable Walkway Fixture	622.50	171.28
26 55 16 00-0032	EA	8' Fluorescent Adjustable Walkway Fixture	1,062.70	256.60
26 55 16 00-0033	EA	50 Watt Incandescent Adjustable Walkway Fixture	505.44	128.30
26 55 16 00-0034	EA	150 Watt Incandescent Adjustable Walkway Fixture	526.18	128.30
26 55 16 00-0035		**Wall Or Post Mounted, Outdoor Area Lighting (Prisma Lighting)** *(26 55 16)* Note: Excludes posts.		
26 55 16 00-0036	EA	42 Watt Compact Fluorescent, Wet Location, Aluminum Construction, Wall Luminaire (Prisma Nikko +45/G)	1,018.64	44.97
26 55 16 00-0037		**LED Walkway** *(26 55 16)*		
26 55 16 00-0038		**LED Pathway Fixtures (CREE® BetaLED® Edge® PWY-EDG)** *(26 55 16 00-0037)* Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 55 16 00-0039	EA	13" Height, 1,248 Lumens, 22 Watt, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG)	984.21	98.47
		For Multi-Level Drive Currents, Add	*259.76*	
26 55 16 00-0040	EA	18" Height, 1,248 Lumens, 22 Watt, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG)	1,015.75	98.47
		For Multi-Level Drive Currents, Add	*259.76*	
26 55 16 00-0041	EA	36" Height, 1,248 Lumens, 22 Watt, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG)	1,071.42	98.47
		For Multi-Level Drive Currents, Add	*259.76*	
26 55 16 00-0042	EA	42" Height, 1,248 Lumens, 22 Watt, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG)	1,114.09	98.47
		For Multi-Level Drive Currents, Add	*259.76*	
26 55 16 00-0043	EA	96" Height, 1,248 Lumens, 22 Watt, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG)	1,281.59	126.59
		For Multi-Level Drive Currents, Add	*259.76*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 16 00-0044		Wall Mounted Walkway Lighting *(26 55 16 00-0037)*		
26 55 16 00-0045	EA	Wall Mounted Lantern With LED Kit, No. PDEX-Bracket (Herwig P-492) Note: Type Fixture 17 as Post	4,613.12	
26 55 16 00-0046		Pole Mounted Walkway Lighting *(26 55 16 00-0037)*		
26 55 16 00-0047	EA	43-1/2" Height x 19" Diameter, LED Post Lantern (Herwig AP-27)	4,253.10	
26 55 16 00-0048	EA	12' Tapered and Fluted Post (Herwig BRA Series, BRAJ-12) Note: Washers and nuts included	4,175.64	
26 55 29		**Underwater Lighting** *(26 55)*		
26 55 29 00-0001		Underwater Lights *(26 55 29)*		
26 55 29 00-0002	EA	150 Watt, 120 Volt Underwater Lights	636.42	85.32
26 55 29 00-0003	EA	300 Watt, 120 Volt Underwater Lights	709.01	85.32
26 55 29 00-0004	EA	1,000 Watt, 120 Volt Underwater Lights	1,738.60	128.30
26 55 29 00-0005	EA	50 Watt, 12 Volt Underwater Lights	666.67	85.32
26 55 29 00-0006	EA	300 Watt, 12 Volt Underwater Lights	751.35	85.32
26 55 29 00-0007	SET	Under Water Fountain Fixture, Set Of 6, 300 Watt, Incandescent	1,926.98	192.44
26 55 53		**Security Lighting** *(26 55)*		
26 55 53 11		**Security Flood Lighting** *(26 55 53)*		
26 55 53 11-0001		Flood Lights (General Electric Powerflood®) *(26 55 53 11)*		
26 55 53 11-0002		MPF (Small Size) Series GE Flood Lights *(26 55 53 11-0001)* Note: For perimeters, entrances, building facades and sign lighting. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. 1/2" threaded mounting knuckle.		
26 55 53 11-0003		High Pressure Sodium MPF Series GE Flood Lights *(26 55 53 11-0002)*		
26 55 53 11-0004	EA	70 Watt High Pressure Sodium MPF Series GE Flood Light	391.62	106.55
26 55 53 11-0005	EA	100 Watt High Pressure Sodium MPF Series GE Flood Light	395.19	106.55
26 55 53 11-0006	EA	150 Watt High Pressure Sodium MPF Series GE Flood Light	401.14	106.55
26 55 53 11-0007		Metal Halide MPF Series GE Flood Lights *(26 55 53 11-0002)*		
26 55 53 11-0008	EA	70 Watt Metal Halide MPF Series GE Flood Light	533.24	106.55
26 55 53 11-0009		P-154 (Small Size) Series GE Flood Lights *(26 55 53 11-0001)* Note: For parking lots, building security, building facades, recreation areas and sign lighting. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.		
26 55 53 11-0010		High Pressure Sodium P-154 Series GE Flood Lights *(26 55 53 11-0009)*		
26 55 53 11-0011	EA	70 Watt High Pressure Sodium P-154 Series GE Flood Light	797.06	142.07
26 55 53 11-0012	EA	100 Watt High Pressure Sodium P-154 Series GE Flood Light	801.82	142.07
26 55 53 11-0013	EA	150 Watt High Pressure Sodium P-154 Series GE Flood Light	810.15	142.07
26 55 53 11-0014	EA	250 Watt High Pressure Sodium P-154 Series GE Flood Light	904.17	142.07
26 55 53 11-0015	EA	400 Watt High Pressure Sodium P-154 Series GE Flood Light	931.54	142.07
26 55 53 11-0016		Metal Halide P-154 Series GE Flood Lights *(26 55 53 11-0009)*		
26 55 53 11-0017	EA	175 Watt Metal Halide P-154 Series GE Flood Light	788.73	142.07
26 55 53 11-0018	EA	250 Watt Metal Halide P-154 Series GE Flood Light	830.39	142.07
26 55 53 11-0019	EA	400 Watt Metal Halide P-154 Series GE Flood Light	851.81	142.07
26 55 53 11-0020		PF-154 (Medium Size) Series GE Flood Lights *(26 55 53 11-0001)* Note: For parking lots, building security and building facades. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.		
26 55 53 11-0021		High Pressure Sodium PF-154 Series GE Flood Lights *(26 55 53 11-0020)*		
26 55 53 11-0022	EA	70 Watt High Pressure Sodium PF-154 Series GE Flood Light	812.35	159.82
26 55 53 11-0023	EA	100 Watt High Pressure Sodium PF-154 Series GE Flood Light	818.30	159.82
26 55 53 11-0024	EA	150 Watt High Pressure Sodium PF-154 Series GE Flood Light	827.82	159.82
26 55 53 11-0025	EA	250 Watt High Pressure Sodium PF-154 Series GE Flood Light	920.65	159.82
26 55 53 11-0026	EA	400 Watt High Pressure Sodium PF-154 Series GE Flood Light	946.83	159.82
26 55 53 11-0027		Metal Halide PF-154 GE Flood Lights *(26 55 53 11-0020)*		
26 55 53 11-0028	EA	175 Watt Metal Halide PF-154 Series GE Flood Light	805.21	159.82
26 55 53 11-0029	EA	250 Watt Metal Halide PF-154 Series GE Flood Light	845.67	159.82
26 55 53 11-0030	EA	400 Watt Metal Halide PF-154 Series GE Flood Light	867.10	159.82

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 11-0031		**PF-400 (Medium Size) Series GE Flood Lights** *(26 55 53 11-0001)* Note: For parking lots, building security, building facades, shipping yards and rail yards. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Formed aluminum reflector. Yoke or slip fitter mounting.		
26 55 53 11-0032		**High Pressure Sodium PF-400 Series GE Flood Lights** *(26 55 53 11-0031)*		
26 55 53 11-0033	EA	150 Watt High Pressure Sodium PF-400 Series GE Flood Light	1,093.21	159.82
26 55 53 11-0034	EA	200 Watt High Pressure Sodium PF-400 Series GE Flood Light	1,176.52	159.82
26 55 53 11-0035	EA	250 Watt High Pressure Sodium PF-400 Series GE Flood Light	1,170.57	159.82
26 55 53 11-0036	EA	400 Watt High Pressure Sodium PF-400 Series GE Flood Light	1,200.32	159.82
26 55 53 11-0037		**Metal Halide PF-400 GE Flood Lights** *(26 55 53 11-0031)*		
26 55 53 11-0038	EA	175 Watt Metal Halide PF-400 Series GE Flood Light	1,124.16	159.82
26 55 53 11-0039	EA	250 Watt Metal Halide PF-400 Series GE Flood Light	1,149.15	159.82
26 55 53 11-0040	EA	400 Watt Metal Halide PF-400 Series GE Flood Light	1,175.33	159.82
26 55 53 11-0041		**PF-1000 (Large Size) Series GE Flood Lights** *(26 55 53 11-0001)* Note: For parking lots, industrial yards and sports stadiums. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Formed aluminum reflector. Yoke or slip fitter mounting.		
26 55 53 11-0042		**High Pressure Sodium PF-1000 Series GE Flood Lights** *(26 55 53 11-0041)*		
26 55 53 11-0043	EA	750 Watt High Pressure Sodium PF-1000 Series GE Flood Light	1,484.56	177.58
26 55 53 11-0044	EA	1,000 Watt High Pressure Sodium PF-1000 Series GE Flood Light	1,484.56	177.58
26 55 53 11-0045		**Metal Halide PF-1000 Series GE Flood Lights** *(26 55 53 11-0041)*		
26 55 53 11-0046	EA	1,000 Watt Metal Halide PF-1000 Series GE Flood Light	1,415.54	177.58
26 55 53 11-0047		**HLU/VLU (Medium Size) FRP Series GE Flood Lights** *(26 55 53 11-0001)* Note: For parking lots, industrial yards, construction sites, recreation areas and facades. Includes corrosion resistant reinforced polyester housing and thermal shock resistant lens. Hydroformed aluminum reflector. Yoke or slip fitter mounting.		
26 55 53 11-0048		**High Pressure Sodium HLU/VLU FRP Series GE Flood Lights** *(26 55 53 11-0047)*		
26 55 53 11-0049	EA	250 Watt High Pressure Sodium HLU/VLU FRP Series GE Flood Light	1,207.46	159.82
26 55 53 11-0050	EA	400 Watt High Pressure Sodium HLU/VLU FRP Series GE Flood Light	1,230.08	159.82
26 55 53 11-0051		**Metal Halide HLU/VLU Series GE Flood Lights** *(26 55 53 11-0047)*		
26 55 53 11-0052	EA	400 Watt Metal Halide HLU/VLU FRP Series GE Flood Light	1,220.56	159.82
26 55 53 11-0053		**Accessories For Powerflood GE Flood Lights** *(26 55 53 11-0001)*		
26 55 53 11-0054	EA	Wireguard For Powerflood GE Flood Light	207.89	35.52
26 55 53 11-0055	EA	Polycarbonate Vandal Shield For Powerflood GE Flood Light	119.82	35.52
26 55 53 11-0056	EA	Top Visor For Powerflood Flood Light	174.57	35.52
26 55 53 11-0057	EA	Top And Two Side Visors For Powerflood GE Flood Light	132.92	35.52
26 55 53 11-0058	EA	Pipe Wall Mounting Bracket For Powerflood GE Flood Light	334.49	106.55
26 55 53 11-0059	EA	Multiple Mounting Channel For Powerflood GE Flood Light	146.01	35.52
26 55 53 11-0060	EA	Wall Or Flat Surface Bracket For Powerflood GE Flood Light	245.23	106.55
26 55 53 11-0061	EA	Steel Angle Bracket For Powerflood GE Flood Light	255.94	106.55
26 55 53 11-0062	EA	Cross Arm Adaptor For Powerflood GE Flood Light	109.11	35.52
26 55 53 11-0063	EA	120/240 Volt, 277 Volt, NEMA Twistlock Photocontrol For Powerflood GE Flood Light	105.54	35.52
26 55 53 11-0064		**Flood Lights (Lithonia Contour Series)** *(26 55 53 11)*		
26 55 53 11-0065		**TFM (Small Size) Series Lithonia Flood Lights** *(26 55 53 11-0064)* Note: For signs, flags, facades and landscaping. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Faceted parabolic optics. 1/2" threaded mounting knuckle.		
26 55 53 11-0066		**High Pressure Sodium TFM Series Lithonia Flood Lights** *(26 55 53 11-0065)*		
26 55 53 11-0067	EA	70 Watt High Pressure Sodium TFM Series Lithonia Flood Light	733.70	142.07
26 55 53 11-0068	EA	100 Watt High Pressure Sodium TFM Series Lithonia Flood Light	802.42	142.07
26 55 53 11-0069	EA	150 Watt High Pressure Sodium TFM Series Lithonia Flood Light	869.71	142.07
26 55 53 11-0070		**Metal Halide TFM Series Lithonia Flood Lights** *(26 55 53 11-0065)*		
26 55 53 11-0071	EA	50 Watt Metal Halide TFM Series Lithonia Flood Light	953.68	142.07
26 55 53 11-0072	EA	70 Watt Metal Halide TFM Series Lithonia Flood Light	937.14	142.07
26 55 53 11-0073	EA	100 Watt Metal Halide TFM Series Lithonia Flood Light	910.48	142.07
26 55 53 11-0074	EA	175 Watt Metal Halide TFM Series Lithonia Flood Light	908.50	142.07
26 55 53 11-0075		**Compact Fluorescent TFM Series Lithonia Flood Lights** *(26 55 53 11-0065)*		
26 55 53 11-0076	EA	42 Watt Compact Fluorescent TFM Series Lithonia Flood Light	946.83	142.07

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 11-0077		TFL (Medium Size) Series Lithonia Flood Lights *(26 55 53 11-0064)*		
		Note: For recreation areas, parking lots, building facades and car lots. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.		
26 55 53 11-0078		High Pressure Sodium TFL Series Lithonia Flood Lights *(26 55 53 11-0077)*		
26 55 53 11-0079	EA	250 Watt High Pressure Sodium TFL Series Lithonia Flood Light	1,127.30	159.82
26 55 53 11-0080	EA	400 Watt High Pressure Sodium TFL Series Lithonia Flood Light	1,150.22	159.82
26 55 53 11-0081		Metal Halide TFL Series Lithonia Flood Lights *(26 55 53 11-0077)*		
26 55 53 11-0082	EA	175 Watt Metal Halide TFL Series Lithonia Flood Light	1,075.79	159.82
26 55 53 11-0083	EA	250 Watt Metal Halide TFL Series Lithonia Flood Light	1,075.79	159.82
26 55 53 11-0084	EA	400 Watt Metal Halide TFL Series Lithonia Flood Light	1,111.73	159.82
26 55 53 11-0085		TFR (Low Profile) Series Lithonia Flood Lights *(26 55 53 11-0064)*		
		Note: For recreation areas, parking lots, building facades and car lots. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.		
26 55 53 11-0086		High Pressure Sodium TFR Lithonia Flood Lights *(26 55 53 11-0085)*		
26 55 53 11-0087	EA	150 Watt High Pressure Sodium Horizontal TFR Series Lithonia Flood Light	1,080.35	142.07
26 55 53 11-0088	EA	250 Watt High Pressure Sodium Horizontal TFR Series Lithonia Flood Light	1,114.65	142.07
26 55 53 11-0089	EA	400 Watt High Pressure Sodium Horizontal TFR Series Lithonia Flood Light	1,143.31	142.07
26 55 53 11-0090		Metal Halide TFR Lithonia Flood Lights *(26 55 53 11-0085)*		
26 55 53 11-0091	EA	250 Watt Metal Halide TFR Series Lithonia Flood Light	1,068.88	142.07
26 55 53 11-0092	EA	400 Watt Metal Halide TFR Series Lithonia Flood Light	1,103.23	142.07
26 55 53 11-0093		TFA (Large Size) Series Lithonia Flood Lights *(26 55 53 11-0064)*		
		Note: For industrial yards, parking lots, construction sites, streets and recreational areas. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.		
26 55 53 11-0094		High Pressure Sodium TFA Series Lithonia Flood Lights *(26 55 53 11-0093)*		
26 55 53 11-0095	EA	1,000 Watt High Pressure Sodium TFA Series Lithonia Flood Light	2,101.94	177.58
26 55 53 11-0096		Metal Halide TFA Series Lithonia Flood Lights *(26 55 53 11-0093)*		
26 55 53 11-0097	EA	400 Watt Metal Halide TFA Series Lithonia Flood Light	1,615.12	177.58
26 55 53 11-0098	EA	1,000 Watt Metal Halide TFA Series Lithonia Flood Light	1,786.92	177.58
26 55 53 11-0099		Accessories For Contour Series Lithonia Flood Lights *(26 55 53 11-0064)*		
26 55 53 11-0100	EA	Wireguard For Contour Series Lithonia Flood Light	179.02	35.52
26 55 53 11-0101	EA	Vandal Guard For Contour Series Lithonia Flood Light	347.66	35.52
26 55 53 11-0102	EA	Upper Visor For Contour Series Lithonia Flood Light	147.20	35.52
26 55 53 11-0103	EA	Full Visor For Contour Series Lithonia Flood Light	198.73	35.52
26 55 53 11-0104	EA	Pipe Wall Mounting Bracket For Contour Series Lithonia Flood Light	442.15	106.55
26 55 53 11-0105	EA	Radius Wall Bracket For Contour Series Lithonia Flood Light	350.96	106.55
26 55 53 11-0106	EA	Steel Angle Bracket For Contour Series Lithonia Flood Light	350.96	106.55
26 55 53 11-0107	EA	U Bolt Wall Bracket For Contour Series Lithonia Flood Light, Mounts To 2" Pipe	387.33	106.55
26 55 53 11-0108	EA	Crossarm Adapter For Horizontal Mounted Contour Lithonia Series Flood Light	171.19	35.52
26 55 53 11-0109	EA	120/240 Volt, 277 Volt, NEMA Twistlock Photocontrol For Contour Lithonia Series Flood Light	136.25	35.52
26 55 53 11-0110		Flood Lights (Eaton) *(26 55 53 11)*		
26 55 53 11-0111	EA	6" x 6", 16,932 Lumens, 128 Watt, LED Flood Light (Eaton NFFLD-C40-D-UNV-66-T-CB)	1,157.23	142.07
		For NEMA Photocontrol Option (Eaton OA/RA1016), Add	*61.61*	
		For >50 To 100, Deduct	*-36.03*	
		For >100 To 250, Deduct	*-64.96*	
		For >250 To 500, Deduct	*-115.72*	
		For >500, Deduct	*-166.48*	
26 55 53 11-0112	EA	16,900 Lumens, 128 Watt, NEMA 6H x 6V Wide, Trunnion Mount, 4000K CCT, Night Falcon LED Flood Light With Multi-Tap (Cooper Industries NFFLD-C40-D-UNV-66-T-CB-PER7+OA/RA1016)	1,440.35	156.80
		For >50 To 100, Deduct	*-43.85*	
		For >100 To 250, Deduct	*-79.86*	
		For >250 To 500, Deduct	*-144.04*	
		For >500, Deduct	*-208.21*	
26 55 53 11-0113		Flood Lights (Ruud) *(26 55 53 11)*		
26 55 53 11-0114		NS (Micro) Series Ruud Flood Lights *(26 55 53 11-0113)*		
		Note: Provides conventional floodlighting. 1/2" threaded mounting knuckle.		
26 55 53 11-0115		High Pressure Sodium NS Series Ruud Flood Lights *(26 55 53 11-0114)*		
26 55 53 11-0116	EA	35 Watt High Pressure Sodium NS Series Ruud Flood Light	482.06	106.55

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 11-0117	EA	50 Watt High Pressure Sodium NS Series Ruud Flood Light	482.06	106.55
26 55 53 11-0118	EA	70 Watt High Pressure Sodium NS Series Ruud Flood Light	482.06	106.55
26 55 53 11-0119	EA	100 Watt High Pressure Sodium NS Series Ruud Flood Light	482.06	106.55
26 55 53 11-0120	EA	150 Watt High Pressure Sodium NS Series Ruud Flood Light	482.06	106.55
26 55 53 11-0121		Metal Halide NS Series Ruud Flood Lights *(26 55 53 11-0114)*		
26 55 53 11-0122	EA	50 Watt Metal Halide NS Series Ruud Flood Light	548.71	106.55
26 55 53 11-0123	EA	70 Watt Metal Halide NS Series Ruud Flood Light	548.71	106.55
26 55 53 11-0124	EA	100 Watt Metal Halide NS Series Ruud Flood Light	548.71	106.55
26 55 53 11-0125		Compact Fluorescent NS Series Ruud Flood Lights *(26 55 53 11-0114)*		
26 55 53 11-0126	EA	13 Watt Compact Fluorescent NS Series Ruud Flood Light	413.04	106.55
26 55 53 11-0127	EA	26 Watt Compact Fluorescent NS Series Ruud Flood Light	429.70	106.55
26 55 53 11-0128	EA	32 Watt Compact Fluorescent NS Series Ruud Flood Light	434.46	106.55
26 55 53 11-0129	EA	42 Watt Compact Fluorescent NS Series Ruud Flood Light	439.22	106.55
26 55 53 11-0130		NSF/NSW/NSC (Standard, Wide And Cutoff Micro) Series Ruud Flood Lights *(26 55 53 11-0113)*		
		Note: The NSF is suited for large open areas and façade applications. The NSW is suited for roadway applications, parking areas or security. The NSC is designed for parking lot and outdoor sports areas. Yoke or slip fitter mounting.		
26 55 53 11-0131		High Pressure Sodium NSF/NSW/NSC Series Ruud Flood Lights *(26 55 53 11-0130)*		
26 55 53 11-0132	EA	150 Watt High Pressure Sodium NSF/NSW/NSC Series Ruud Flood Light	743.33	159.82
26 55 53 11-0133	EA	250 Watt High Pressure Sodium NSF/NSW/NSC Series Ruud Flood Light	786.17	159.82
26 55 53 11-0134	EA	400 Watt High Pressure Sodium NSF/NSW/NSC Series Ruud Flood Light	809.97	159.82
26 55 53 11-0135		Metal Halide NSF/NSW/NSC Series Ruud Flood Lights *(26 55 53 11-0130)*		
26 55 53 11-0136	EA	175 Watt Metal Halide NSF/NSW/NSC Series Ruud Flood Light	733.80	159.82
26 55 53 11-0137	EA	250 Watt Metal Halide NSF/NSW/NSC Series Ruud Flood Light	738.57	159.82
26 55 53 11-0138	EA	400 Watt Metal Halide NSF/NSW/NSC Series Ruud Flood Light	752.85	159.82
26 55 53 11-0139		Compact Fluorescent NSF/NSW/NSC Series Ruud Flood Lights *(26 55 53 11-0130)*		
26 55 53 11-0140	EA	70 Watt Compact Fluorescent NSF/NSW/NSC Series Ruud Flood Light	717.14	159.82
26 55 53 11-0141		FS (Square) Series Ruud Flood Lights *(26 55 53 11-0113)*		
		Note: For signs, large open areas and façade applications. Yoke or slip fitter mounting.		
26 55 53 11-0142		High Pressure Sodium FS Series Ruud Flood Lights *(26 55 53 11-0141)*		
26 55 53 11-0143	EA	250 Watt High Pressure Sodium FS Series Ruud Flood Light	869.48	159.82
26 55 53 11-0144	EA	400 Watt High Pressure Sodium FS Series Ruud Flood Light	874.24	159.82
26 55 53 11-0145	EA	1,000 Watt High Pressure Sodium FS Series Ruud Flood Light	1,485.76	177.58
26 55 53 11-0146		Metal Halide FS Series Ruud Flood Lights *(26 55 53 11-0141)*		
26 55 53 11-0147	EA	175 Watt Metal Halide FS Series Ruud Flood Light	869.48	159.82
26 55 53 11-0148	EA	250 Watt Metal Halide FS Series Ruud Flood Light	874.24	159.82
26 55 53 11-0149	EA	400 Watt Metal Halide FS Series Ruud Flood Light	888.52	159.82
26 55 53 11-0150	EA	1,000 Watt Metal Halide FS Series Ruud Flood Light	1,328.66	177.58
26 55 53 11-0151		MFS (Mini Square) Series Ruud Flood Lights *(26 55 53 11-0113)*		
		Note: For signs, large open areas and façade applications. Yoke or slip fitter mounting.		
26 55 53 11-0152		High Pressure Sodium MFS Series Ruud Flood Lights *(26 55 53 11-0151)*		
26 55 53 11-0153	EA	35 Watt High Pressure Sodium MFS Series Ruud Flood Light	681.62	142.07
26 55 53 11-0154	EA	50 Watt High Pressure Sodium MFS Series Ruud Flood Light	731.61	142.07
26 55 53 11-0155	EA	70 Watt High Pressure Sodium MFS Series Ruud Flood Light	731.61	142.07
26 55 53 11-0156	EA	100 Watt High Pressure Sodium MFS Series Ruud Flood Light	731.61	142.07
26 55 53 11-0157	EA	150 Watt High Pressure Sodium MFS Series Ruud Flood Light	731.61	142.07
26 55 53 11-0158		Metal Halide MFS Series Ruud Flood Lights *(26 55 53 11-0151)*		
26 55 53 11-0159	EA	50 Watt Metal Halide MFS Series Ruud Flood Light	748.27	142.07
26 55 53 11-0160	EA	70 Watt Metal Halide MFS Series Ruud Flood Light	748.27	142.07
26 55 53 11-0161	EA	100 Watt Metal Halide MFS Series Ruud Flood Light	748.27	142.07
26 55 53 11-0162	EA	175 Watt Metal Halide MFS Series Ruud Flood Light	722.09	142.07
26 55 53 11-0163		MCF/MPM/MPN (Mini Cutoff. Parabolic Medium And Narrow Mini Square) Series Ruud Flood Lights *(26 55 53 11-0113)*		
		Note: The MCF is suited for parking lots, volleyball courts and tennis courts. The MPM and MPN are suited for flagpoles, columns and narrow signs. Yoke or slip fitter mounting.		
26 55 53 11-0164		High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Lights *(26 55 53 11-0163)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 11-0165	EA	35 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light	741.13	142.07
26 55 53 11-0166	EA	50 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light	791.11	142.07
26 55 53 11-0167	EA	70 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light	791.11	142.07
26 55 53 11-0168	EA	100 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light	791.11	142.07
26 55 53 11-0169	EA	150 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light	791.11	142.07
26 55 53 11-0170		Metal Halide MCF/MPM/MPN Series Ruud Flood Lights *(26 55 53 11-0163)*		
26 55 53 11-0171	EA	50 Watt Metal Halide MCF/MPM/MPN Series Ruud Flood Light	807.77	142.07
26 55 53 11-0172	EA	70 Watt Metal Halide MCF/MPM/MPN Series Ruud Flood Light	807.77	142.07
26 55 53 11-0173	EA	100 Watt Metal Halide MCF/MPM/MPN Series Ruud Flood Light	807.77	142.07
26 55 53 11-0174	EA	175 Watt Metal Halide MCF/MPM/MPN Series Ruud Flood Light	781.59	142.07
26 55 53 11-0175		CF (Cutoff Square) Series Ruud Flood Lights *(26 55 53 11-0113)*		
		Note: The CF is suited for parking lots, volleyball courts and tennis courts. Yoke or slip fitter mounting.		
26 55 53 11-0176		High Pressure Sodium CF Series Ruud Flood Lights *(26 55 53 11-0175)*		
26 55 53 11-0177	EA	250 Watt High Pressure Sodium CF Series Ruud Flood Light	981.35	159.82
26 55 53 11-0178	EA	400 Watt High Pressure Sodium CF Series Ruud Flood Light	1,005.15	159.82
26 55 53 11-0179	EA	1,000 Watt High Pressure Sodium CF Series Ruud Flood Light	1,545.26	177.58
26 55 53 11-0180		Metal Halide CF Series Ruud Flood Lights *(26 55 53 11-0175)*		
26 55 53 11-0181	EA	175 Watt Metal Halide CF Series Ruud Flood Light	928.98	159.82
26 55 53 11-0182	EA	250 Watt Metal Halide CF Series Ruud Flood Light	933.74	159.82
26 55 53 11-0183	EA	400 Watt Metal Halide CF Series Ruud Flood Light	948.02	159.82
26 55 53 11-0184	EA	1,000 Watt Metal Halide CF Series Ruud Flood Light	1,388.17	177.58
26 55 53 11-0185		CN (Narrow Beam Cutoff Square) Series Ruud Flood Lights *(26 55 53 11-0113)*		
		Note: The CN is suited for large sports fields, building facades and signs. Yoke or slip fitter mounting.		
26 55 53 11-0186		High Pressure Sodium CN Series Ruud Flood Lights *(26 55 53 11-0185)*		
26 55 53 11-0187	EA	400 High Pressure Sodium CN Series Ruud Flood Light	1,269.16	177.58
26 55 53 11-0188	EA	1,000 High Pressure Sodium CN Series Ruud Flood Light	1,516.70	177.58
26 55 53 11-0189		Metal Halide CN Series Ruud Flood Lights *(26 55 53 11-0185)*		
26 55 53 11-0190	EA	400 Watt Metal Halide CN Series Ruud Flood Light	1,212.03	177.58
26 55 53 11-0191	EA	1,000 Watt Metal Halide CN Series Ruud Flood Light	1,359.60	177.58
26 55 53 11-0192		PM/PN (Parabolic Medium And Narrow Square) Series Ruud Flood Lights *(26 55 53 11-0113)*		
		Note: The PM and PN are suited for flagpoles, columns and narrow signs. Yoke or slip fitter mounting.		
26 55 53 11-0193		High Pressure Sodium PM/PN Series Ruud Flood Lights *(26 55 53 11-0192)*		
26 55 53 11-0194	EA	250 Watt High Pressure Sodium PM/PN Series Ruud Flood Light	1,014.67	159.82
26 55 53 11-0195	EA	400 Watt High Pressure Sodium PM/PN Series Ruud Flood Light	1,038.47	159.82
26 55 53 11-0196		Metal Halide PM/PN Series Ruud Flood Lights *(26 55 53 11-0192)*		
26 55 53 11-0197	EA	175 Watt Metal Halide PM/PN Series Ruud Flood Light	962.30	159.82
26 55 53 11-0198	EA	250 Watt Metal Halide PM/PN Series Ruud Flood Light	967.06	159.82
26 55 53 11-0199	EA	400 Watt Metal Halide PM/PN Series Ruud Flood Light	981.35	159.82
26 55 53 11-0200	EA	1,000 Watt Metal Halide PM/PN Series Ruud Flood Light	1,421.49	177.58
26 55 53 11-0201		Accessories For Ruud Flood Lighting *(26 55 53 11-0113)*		
26 55 53 11-0202	EA	Wireguard For Rudd Flood Light	106.73	35.52
26 55 53 11-0203	EA	Deep Baffle (Full Visor) For Rudd Flood Light	171.00	35.52
26 55 53 11-0204	EA	Glare Guard (Upper Visor) For Rudd Flood Light	123.39	35.52
26 55 53 11-0205	EA	Vandal Shield For Rudd Flood Light	147.20	35.52
26 55 53 11-0206	EA	Pipe Mounting Bracket For Ruud Flood Light	294.03	106.55
26 55 53 11-0207	EA	120/240 Volt, 277 Volt, NEMA Twistlock Photocontrol For Ruud Flood Light	92.45	35.52
26 55 53 11-0208		Flood Lights (Lumark) *(26 55 53 11)*		
26 55 53 11-0209		QZ Wedge Series Quartz Lumark Flood Lights *(26 55 53 11-0208)*		
		Note: For small outdoor areas. Die-cast aluminum housing heat and weather resistant gaskets.		
26 55 53 11-0210	EA	500 Watt QZ Wedge Series Quartz Lumark Flood Light	261.78	106.55
26 55 53 11-0211		LQL Series Quartz Lumark Flood Lights *(26 55 53 11-0208)*		
		Note: For medium size outdoor areas. Die-cast aluminum housing heat and weather resistant gaskets.		
26 55 53 11-0212	EA	1,500 Watt LQL Series Quartz Lumark Flood Light	331.99	106.55
26 55 53 11-0213		Flood Lights (Kim Lighting) *(26 55 53 11)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 11-0214		MicroFlood® Series Kim Lighting Flood Lights *(26 55 53 11-0213)* Note: For signs, flags, facades and landscaping. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and gasketed and tempered lens. 1/2" threaded mounting knuckle.		
26 55 53 11-0215		LED MicroFlood® Series Kim Lighting Flood Lights *(26 55 53 11-0214)*		
26 55 53 11-0216	EA	5 Watt, LED MicroFlood® Series Kim Lighting Flood Light	558.62	44.97
		For >50 To 100, Deduct	*-16.21*	
		For >100 To 250, Deduct	*-30.18*	
		For >250 To 500, Deduct	*-55.86*	
		For >500, Deduct	*-81.54*	
26 55 53 11-0217	EA	15 Watt, LED MicroFlood® Series Kim Lighting Flood Light	690.72	44.97
		For >50 To 100, Deduct	*-19.52*	
		For >100 To 250, Deduct	*-36.78*	
		For >250 To 500, Deduct	*-69.07*	
		For >500, Deduct	*-101.36*	
26 55 53 11-0218		Scarab® Series Kim Lighting Flood Lights *(26 55 53 11-0213)* Note: For signs, flags, facades and landscaping. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and gasketed and tempered lens. 1/2" threaded mounting knuckle.		
26 55 53 11-0219		LED Scarab® Series Kim Lighting Accent Flood Lights *(26 55 53 11-0218)* Note: Spot or narrow style accent flood lights.		
26 55 53 11-0220	EA	6 Watt LED Scarab® Series Kim Lighting Accent Flood Light (Kim EL731)	853.02	44.97
		For >50 To 100, Deduct	*-23.57*	
		For >100 To 250, Deduct	*-44.90*	
		For >250 To 500, Deduct	*-85.30*	
		For >500, Deduct	*-125.70*	
26 55 53 11-0221	EA	15 Watt LED Scarab® Series Kim Lighting Accent Flood Light (Kim EL733) Note: Includes adjustable glare shield.	928.81	44.97
		For >50 To 100, Deduct	*-25.47*	
		For >100 To 250, Deduct	*-48.69*	
		For >250 To 500, Deduct	*-92.88*	
		For >500, Deduct	*-137.07*	
26 55 53 11-0222		Cooper Lighting *(26 55 53 11)*		
26 55 53 11-0223		Flood Lights; Lumiere® Series Cooper Lighting *(26 55 53 11-0222)* Note: For signs, flags, facades and landscaping. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and gasketed and tempered lens. 1/2" threaded mounting knuckle.		
26 55 53 11-0224		LED Lumiere® Series Cooper Lighting Flood Lights *(26 55 53 11-0223)*		
26 55 53 11-0225	EA	12 Watt, LED, Aluminum Construction, Lumiere® Series Cooper Lighting Flood Light (Lumiere® Cambria 203)	726.84	44.97
		For Tree Mount, Add	*67.46*	
		For >50 To 100, Deduct	*-20.42*	
		For >100 To 250, Deduct	*-38.59*	
		For >250 To 500, Deduct	*-72.68*	
		For >500, Deduct	*-106.78*	
26 55 53 11-0226	EA	12 Watt, LED, Brass Construction, Lumiere® Series Cooper Lighting Flood Light (Lumiere® Cambria 203)	922.84	44.97
		For Tree Mount, Add	*67.46*	
		For >50 To 100, Deduct	*-25.32*	
		For >100 To 250, Deduct	*-48.39*	
		For >250 To 500, Deduct	*-92.28*	
		For >500, Deduct	*-136.18*	
26 55 53 11-0227	EA	12 Watt, LED, Aluminum Construction, Lumiere® Series Cooper Lighting Hanging Flood Light (Lumiere® Cambria 213)	806.74	44.97
		For >50 To 100, Deduct	*-22.42*	
		For >100 To 250, Deduct	*-42.59*	
		For >250 To 500, Deduct	*-80.67*	
		For >500, Deduct	*-118.76*	
26 55 53 11-0228	EA	Expanding Tree Strap, Tree Mounting Accessory For Lumiere® Flood Lights (Lumiere TM04-4) Note: For use with up to four fixtures.	325.79	32.13
		For >50 To 100, Deduct	*-9.75*	
		For >100 To 250, Deduct	*-17.90*	
		For >250 To 500, Deduct	*-32.58*	
		For >500, Deduct	*-47.26*	
26 55 53 11-0229	EA	12 Volt, Wet Listed, Low Voltage Lighting Transformer For Lumiere® 203 Flood Lights (Lumiere T100)	517.72	25.70
		For >50 To 100, Deduct	*-14.23*	
		For >100 To 250, Deduct	*-27.17*	
		For >250 To 500, Deduct	*-51.77*	
		For >500, Deduct	*-76.37*	
26 55 53 11-0230	EA	12 Volt, Wet Listed, Low Voltage Lighting Transformer For Lumiere® 213 Flood Lights (Lumiere)	178.98	25.70
		For >50 To 100, Deduct	*-5.76*	
		For >100 To 250, Deduct	*-10.23*	
		For >250 To 500, Deduct	*-17.90*	
		For >500, Deduct	*-25.56*	
26 55 53 11-0231		Flood Lights (CREE® BetaLED®) *(26 55 53 11)*		
26 55 53 11-0232		Yoke Mount, Square, LED Flood Lights (CREE® BetaLED® FLD-304) *(26 55 53 11-0231)* Note: UL wet listed. Includes 5,700K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 11-0233	EA	40 LEDs, 47 Watt, Yoke Mount, Square, LED Flood Light (CREE® BetaLED® FLD-304)	1,273.37	128.29
		For >50 To 100, Deduct	*-38.25*	
		For >100 To 250, Deduct	*-70.08*	
		For >250 To 500, Deduct	*-127.34*	
		For >500, Deduct	*-184.59*	
26 55 53 11-0234	EA	60 LEDs, 68 Watt, Yoke Mount, Square, LED Flood Light (CREE® BetaLED® FLD-304)	1,395.24	135.42
		For >50 To 100, Deduct	*-41.65*	
		For >100 To 250, Deduct	*-76.53*	
		For >250 To 500, Deduct	*-139.52*	
		For >500, Deduct	*-202.52*	

26 55 53 11-0235 Adjustable Arm Mount, Rectangular, LED Flood Lights (CREE® BetaLED® Edge® FLD-EDG) *(26 55 53 11-0231)*

Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

26 55 53 11-0236	EA	20 LEDs, 26 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG)	1,105.11	121.16
		For 480 Volt, Add	*111.02*	
		For >50 To 100, Deduct	*-33.69*	
		For >100 To 250, Deduct	*-61.31*	
		For >250 To 500, Deduct	*-110.51*	
		For >500, Deduct	*-159.71*	
26 55 53 11-0237	EA	40 LEDs, 47 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG)	1,392.12	128.29
		For 480 Volt, Add	*111.02*	
		For >50 To 100, Deduct	*-41.22*	
		For >100 To 250, Deduct	*-76.02*	
		For >250 To 500, Deduct	*-139.21*	
		For >500, Deduct	*-202.40*	
26 55 53 11-0238	EA	60 LEDs, 68 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG)	1,679.12	135.42
		For 480 Volt, Add	*111.02*	
		For >50 To 100, Deduct	*-48.75*	
		For >100 To 250, Deduct	*-90.73*	
		For >250 To 500, Deduct	*-167.91*	
		For >500, Deduct	*-245.10*	
26 55 53 11-0239	EA	80 LEDs, 90 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG)	2,075.60	142.54
		For 480 Volt, Add	*111.02*	
		For >50 To 100, Deduct	*-59.02*	
		For >100 To 250, Deduct	*-110.91*	
		For >250 To 500, Deduct	*-207.56*	
		For >500, Deduct	*-304.21*	
26 55 53 11-0240	EA	100 LEDs, 111 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG)	2,362.61	149.67
		For 480 Volt, Add	*111.02*	
		For >50 To 100, Deduct	*-66.55*	
		For >100 To 250, Deduct	*-125.61*	
		For >250 To 500, Deduct	*-236.26*	
		For >500, Deduct	*-346.91*	
26 55 53 11-0241	EA	120 LEDs, 132 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG)	2,649.61	156.80
		For 480 Volt, Add	*111.02*	
		For >50 To 100, Deduct	*-74.08*	
		For >100 To 250, Deduct	*-140.32*	
		For >250 To 500, Deduct	*-264.96*	
		For >500, Deduct	*-389.60*	
26 55 53 11-0242	EA	140 LEDs, 157 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG)	3,023.83	163.92
		For 480 Volt, Add	*111.02*	
		For >50 To 100, Deduct	*-83.79*	
		For >100 To 250, Deduct	*-159.39*	
		For >250 To 500, Deduct	*-302.38*	
		For >500, Deduct	*-445.38*	
26 55 53 11-0243	EA	160 LEDs, 179 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG)	3,310.83	171.05
		For 480 Volt, Add	*111.02*	
		For >50 To 100, Deduct	*-91.32*	
		For >100 To 250, Deduct	*-174.09*	
		For >250 To 500, Deduct	*-331.08*	
		For >500, Deduct	*-488.07*	

26 55 53 11-0244 Adjustable Arm Mount, Rectangular, High Output, LED Flood Lights (CREE® BetaLED® Edge® FLD-EHO) *(26 55 53 11-0231)*

Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 700mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 11-0245	EA	120 LEDs, 267 Watt, Adjustable Arm Mount, Rectangular, High Output, LED Flood Light (CREE® BetaLED® Edge® FLD-EHO)	2,540.14	156.80
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*21.88*	
		For Bird Spikes, Add	*50.15*	
		For 5,000K Color Temperature, Add	*54.71*	
		For Fuse, Add	*65.65*	
		For 0 To 10 Volt Dimming, Add	*65.65*	
		For 480 Volt, Add	*98.48*	
		For Multi-Level, Add	*142.23*	
		For 1,000mA Driver, Add	*183.82*	
		For >50 To 100, Deduct	*-71.34*	
		For >100 To 250, Deduct	*-134.85*	
		For >250 To 500, Deduct	*-254.01*	
		For >500, Deduct	*-373.18*	
26 55 53 11-0246	EA	240 LEDs, 533 Watt, Adjustable Arm Mount, Rectangular, High Output, LED Flood Light (CREE® BetaLED® Edge® FLD-EHO)	4,311.76	192.43
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*21.88*	
		For 5,000K Color Temperature, Add	*54.71*	
		For Fuse, Add	*65.65*	
		For 0 To 10 Volt Dimming, Add	*65.65*	
		For Bird Spikes, Add	*74.40*	
		For Multi-Level, Add	*142.23*	
		For 1,000mA Driver, Add	*183.82*	
		For 480 Volt, Add	*196.94*	
		For >50 To 100, Deduct	*-117.42*	
		For >100 To 250, Deduct	*-225.21*	
		For >250 To 500, Deduct	*-431.18*	
		For >500, Deduct	*-637.14*	

26 55 53 11-0247 Direct Or Adjustable Arm Mount, Rectangular, High Output, LED Flood Lights (CREE® BetaLED® OSQ™) *(26 55 53 11-0231)*

Note: UL wet listed. Includes 3,000K or 4,000K or 5,700K color temperature, 120/277 voltage, Class 1 driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

26 55 53 11-0248	EA	112 Watt, Direct Or Adjustable Arm Mount, Rectangular, High Output, LED Flood Light (CREE® BetaLED® OSQ™ OSQ-A-NM-XXX-A-XXX-US-UL)	1,485.46	156.80
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*21.88*	
		For Front Facing Optics, Back Light Shield, Add	*38.65*	
		For Rotated Optics, Back Light Shield, Add	*38.65*	
		For Field Adjustable Output, Add	*32.83*	
		For Fuse, Add	*65.65*	
		For 0 To 10 Volt Dimming, Add	*65.65*	
		For Multi-Level, Add	*142.23*	
		For >50 To 100, Deduct	*-44.98*	
		For >100 To 250, Deduct	*-82.11*	
		For >250 To 500, Deduct	*-148.55*	
		For >500, Deduct	*-214.98*	
26 55 53 11-0249	EA	168 Watt, Direct Or Adjustable Arm Mount, Rectangular, High Output, LED Flood Light (CREE® BetaLED® OSQ™ OSQ-A-NM-XXX-J-XXX-US-UL) Note: Type III, IV or V medium optics only.	1,588.86	156.80
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*21.88*	
		For Front Facing Optics, Back Light Shield, Add	*38.65*	
		For Rotated Optics, Back Light Shield, Add	*38.65*	
		For Field Adjustable Output, Add	*32.83*	
		For Fuse, Add	*65.65*	
		For 0 To 10 Volt Dimming, Add	*65.65*	
		For Type II Medium Or Type V Short Optics, Add	*364.65*	
		For Multi-Level, Add	*142.23*	
		For >50 To 100, Deduct	*-47.56*	
		For >100 To 250, Deduct	*-87.28*	
		For >250 To 500, Deduct	*-158.89*	
		For >500, Deduct	*-230.49*	
26 55 53 11-0250	EA	223 Watt, Direct Or Adjustable Arm Mount, Rectangular, High Output, LED Flood Light (CREE® BetaLED® OSQ™ OSQ-A-NM-XXX-S-XXX-US-UL)	2,039.26	192.43
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*21.88*	
		For Field Adjustable Output, Add	*32.83*	
		For Front Facing Optics, Back Light Shield, Add	*46.81*	
		For Rotated Optics, Back Light Shield, Add	*46.81*	
		For Fuse, Add	*65.65*	
		For 0 To 10 Volt Dimming, Add	*65.65*	
		For Multi-Level, Add	*142.23*	
		For >50 To 100, Deduct	*-60.60*	
		For >100 To 250, Deduct	*-111.58*	
		For >250 To 500, Deduct	*-203.93*	
		For >500, Deduct	*-296.27*	

26 55 53 11-0251 Flood Lights (PlanLED) *(26 55 53 11)*

26 55 53 11-0252 Adjustable Arm Mount, LED Flood Lights (PlanLED WAPA) *(26 55 53 11-0251)*

26 55 53 11-0253	EA	6,250 Lumens, 50 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (PlanLED WAPA WP050)	683.03	128.29
		For >50 To 100, Deduct	*-23.49*	
		For >100 To 250, Deduct	*-40.57*	
		For >250 To 500, Deduct	*-68.30*	
		For >500, Deduct	*-96.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 11-0254	EA	9,375 Lumens, 75 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (PlanLED WAPA WP075)	817.57	135.42
		For >50 To 100, Deduct	*-27.21*	
		For >100 To 250, Deduct	*-47.65*	
		For >250 To 500, Deduct	*-81.76*	
		For >500, Deduct	*-115.86*	
26 55 53 11-0255	EA	12,500 Lumens, 100 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (PlanLED WAPA WP100)	943.92	146.10
		For >50 To 100, Deduct	*-30.90*	
		For >100 To 250, Deduct	*-54.50*	
		For >250 To 500, Deduct	*-94.39*	
		For >500, Deduct	*-134.28*	
26 55 53 11-0256		Adjustable Arm Mount, LED Sports Flood Lights (PlanLED SUFA) *(26 55 53 11-0251)*		
26 55 53 11-0257	EA	21,000 Lumens, 200 Watt, LED Sports Flood Light (PlanLED SUFA SF200)	1,915.13	285.09
		For 0 To 10 Volt Dimming, Add	*94.53*	
		For >50 To 100, Deduct	*-62.13*	
		For >100 To 250, Deduct	*-110.01*	
		For >250 To 500, Deduct	*-191.51*	
		For >500, Deduct	*-273.02*	
26 55 53 11-0258	EA	42,000 Lumens, 400 Watt, LED Sports Flood Light (PlanLED SUFA SF400)	2,975.79	285.09
		For 0 To 10 Volt Dimming, Add	*94.53*	
		For >50 To 100, Deduct	*-88.65*	
		For >100 To 250, Deduct	*-163.04*	
		For >250 To 500, Deduct	*-297.58*	
		For >500, Deduct	*-432.11*	
26 55 53 11-0259	EA	84,000 Lumens, 800 Watt, LED Sports Flood Light (PlanLED SUFA SF800)	5,258.96	285.09
		For 0 To 10 Volt Dimming, Add	*94.53*	
		For >50 To 100, Deduct	*-145.73*	
		For >100 To 250, Deduct	*-277.20*	
		For >250 To 500, Deduct	*-525.90*	
		For >500, Deduct	*-774.59*	
26 55 53 11-0260		Adjustable Arm Mount, LED High Mast Flood Lights (PlanLED MAHA) *(26 55 53 11-0251)*		
26 55 53 11-0261	EA	26,000 Lumens, 200 Watt, Adjustable Arm Mount, Rectangular, LED High Mast Flood Light (PlanLED MAHA MA200)	1,698.08	185.31
		For 0 To 10 Volt Dimming, Add	*94.53*	
		For 480 Volt, Add	*142.15*	
		For >50 To 100, Deduct	*-51.72*	
		For >100 To 250, Deduct	*-94.17*	
		For >250 To 500, Deduct	*-169.81*	
		For >500, Deduct	*-245.45*	
26 55 53 11-0262	EA	39,000 Lumens, 300 Watt, Adjustable Arm Mount, Rectangular, LED High Mast Flood Light (PlanLED MAHA MA300)	2,175.96	192.43
		For 0 To 10 Volt Dimming, Add	*94.53*	
		For 480 Volt, Add	*114.92*	
		For >50 To 100, Deduct	*-64.02*	
		For >100 To 250, Deduct	*-118.42*	
		For >250 To 500, Deduct	*-217.60*	
		For >500, Deduct	*-316.77*	
26 55 53 11-0263	EA	52,000 Lumens, 400 Watt, Adjustable Arm Mount, Rectangular, LED High Mast Flood Light (PlanLED MAHA MA400)	2,778.51	199.56
		For 0 To 10 Volt Dimming, Add	*94.53*	
		For 480 Volt, Add	*93.24*	
		For >50 To 100, Deduct	*-79.44*	
		For >100 To 250, Deduct	*-148.90*	
		For >250 To 500, Deduct	*-277.85*	
		For >500, Deduct	*-406.80*	

26 55 53 12 Security Hazardous Location Flood Lights *(26 55 53)*

Note: For general to heavy industrial applications in marine and corrosive environments. Class 1 Division 2.

26 55 53 12-0001 Lithonia Hazardous Location Flood Lights *(26 55 53 12)*

26 55 53 12-0002 HFR (Horizontally Oriented Mogul Base) Series Hazardous Location Flood Lights *(26 55 53 12-0001)*

Note: Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Precision-formed reflector. Yoke mounting.

26 55 53 12-0003 High Pressure Sodium HFR Series Hazardous Location Flood Lights *(26 55 53 12-0002)*

26 55 53 12-0004	EA	150 Watt High Pressure Sodium HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	1,070.33	142.07
26 55 53 12-0005	EA	250 Watt High Pressure Sodium HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	1,144.12	142.07
26 55 53 12-0006	EA	400 Watt High Pressure Sodium HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	1,072.71	142.07

26 55 53 12-0007 Metal Halide HFR Series Lithonia Hazardous Location Flood Lights *(26 55 53 12-0002)*

26 55 53 12-0008	EA	250 Watt Metal Halide HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	1,136.24	142.07
26 55 53 12-0009	EA	400 Watt Metal Halide HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	1,101.28	142.07

26 55 53 12-0010 HFM (Medium Base) Series Hazardous Location Flood Lights *(26 55 53 12-0001)*

Note: Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Precision-formed reflector. Yoke mounting.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 12-0011		High Pressure Sodium HFM Series Lithonia Hazardous Location Flood Lights *(26 55 53 12-0010)*		
26 55 53 12-0012	EA	100 Watt High Pressure Sodium HFM Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	1,019.61	142.07
26 55 53 12-0013	EA	150 Watt High Pressure Sodium HFM Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	1,063.65	142.07
26 55 53 12-0014		Metal Halide HFM Series Lithonia Hazardous Location Flood Lights *(26 55 53 12-0010)*		
26 55 53 12-0015	EA	175 Watt Metal Halide HFM Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	900.60	142.07
26 55 53 12-0016		HFA (Large) Series Hazardous Location Flood Lights *(26 55 53 12-0001)* Note: Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Precision-formed reflector. Yoke mounting.		
26 55 53 12-0017		High Pressure Sodium HFA Series Lithonia Hazardous Location Flood Lights *(26 55 53 12-0016)*		
26 55 53 12-0018	EA	250 Watt High Pressure Sodium HFA Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	1,442.91	177.58
26 55 53 12-0019	EA	400 Watt High Pressure Sodium HFA Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	1,464.33	177.58
26 55 53 12-0020		Metal Halide HFA Series Lithonia Hazardous Location Flood Lights *(26 55 53 12-0016)*		
26 55 53 12-0021	EA	250 Watt Metal Halide HFA Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	1,435.77	177.58
26 55 53 12-0022	EA	400 Watt Metal Halide HFA Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	1,464.33	177.58
26 55 53 12-0023		HFL (Medium) Series Hazardous Location Flood Lights *(26 55 53 12-0001)* Note: Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Precision-formed reflector. Yoke mounting.		
26 55 53 12-0024		High Pressure Sodium HFL Series Lithonia Hazardous Location Flood Lights *(26 55 53 12-0023)*		
26 55 53 12-0025	EA	400 Watt High Pressure Sodium HFL Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	1,069.41	159.82
26 55 53 12-0026		Metal Halide HFL Series Lithonia Hazardous Location Flood Lights *(26 55 53 12-0023)*		
26 55 53 12-0027	EA	400 Watt Metal Halide HFL Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	1,152.72	159.82
26 55 53 12-0028		Accessories For Lithonia Hazardous Location Flood Lights *(26 55 53 12-0001)* See CSI section 26 55 53 11-0099 for accessories.		
26 55 53 13		**Security High Performance Flood Lights** ***(26 55 53)*** Note: For airport aprons and parking areas.		
26 55 53 13-0001		Lithonia High Performance Flood Lights *(26 55 53 13)*		
26 55 53 13-0002		170S Series Lithonia High Performance Flood Lights *(26 55 53 13-0001)* Note: Die-cast aluminum housing welded seams, stainless steel hardware, corrosion resistant polyester powder finish, and thermal and shock resistant flat lens.		
26 55 53 13-0003		High Pressure Sodium 170S Series Lithonia High Performance Flood Lights *(26 55 53 13-0002)*		
26 55 53 13-0004	EA	250 Watt High Pressure Sodium 170S Series Lithonia High Performance Flood Light	2,494.59	213.10
26 55 53 13-0005	EA	400 Watt High Pressure Sodium 170S Series Lithonia High Performance Flood Light	2,689.77	213.10
26 55 53 13-0006	EA	750 Watt High Pressure Sodium 170S Series Lithonia High Performance Flood Light	2,699.29	213.10
26 55 53 13-0007	EA	1,000 Watt High Pressure Sodium 170S Series Lithonia High Performance Flood Light	2,996.82	213.10
26 55 53 13-0008		Metal Halide 170S Series Lithonia High Performance Flood Lights *(26 55 53 13-0002)*		
26 55 53 13-0009	EA	320 Watt Metal Halide 170S Series Lithonia High Performance Flood Light	2,873.05	213.10
26 55 53 13-0010	EA	350 Watt Metal Halide 170S Series Lithonia High Performance Flood Light	2,741.06	213.10
26 55 53 13-0011	EA	400 Watt Metal Halide 170S Series Lithonia High Performance Flood Light	2,615.98	213.10
26 55 53 13-0012	EA	1,000 Watt Metal Halide 170S Series Lithonia High Performance Flood Light	2,739.75	213.10
26 55 53 13-0013		Accessories For Lithonia High Performance Flood Lights *(26 55 53 13-0002)* See CSI section 26 55 53 11-0099 for accessories.		
26 55 61		**Theatrical Lighting** ***(26 55)***		
26 55 61 00-0001		Stage Lighting *(26 55 61)*		
26 55 61 00-0002	EA	Ellipsoidal Spotlight, Two 6" x 9" Lenses Note: Stainless steel shutter blades, complete with color frame, c-clamp, safety cable, 20 amperes, 3 watts ground, male pin connector and high performance lamp.	669.63	155.89
26 55 61 00-0003	EA	Ellipsoidal Spotlight, Two 6" x 12" Lenses Note: Stainless steel shutter blades, complete with color frame, c-clamp, safety cable, 20 amperes, 3 watts ground, male pin connector and high performance lamp.	669.63	155.89
26 55 61 00-0004	EA	Ellipsoidal Spotlight, Two 6" x 16" Lenses Note: Stainless steel shutter blades, complete with color frame, c-clamp, safety cable, 20 amperes, 3 watts ground, male pin connector and high performance lamp.	669.63	155.89
26 55 61 00-0005	EA	14" Scoop Floodlight Altman #SC14	691.05	155.89

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 61 00-0006	EA	6" Diameter Fresnel Spotlight, Spherical Specular Alzak1 Note: Reflector, heat resistant fresnel lens, slidefocus flood to spot, complete with yoke, c-clamp, safety cable, color frame, male pin connector and lamp.	546.16	155.89
26 55 61 00-0007	EA	8" Diameter Fresnel Spotlight, Spherical Specular Alzak Note: Reflector, heat resistant fresnel lens, slidefocus flood to spot, complete with yoke, C-clamp, safety cable, color frame, male pin connector and lamp.	891.84	155.89
26 55 61 00-0008	EA	Follow Spotlight With Steel Chassis And Lightweight Note: Aluminum housing, includes lamp adjustment plate, silent lamp fan, dowser, iris and clipper, rear lens control, coated lenses, six color boomerang, color fan, 34" x 34" castered stand.	2,331.71	155.89
26 55 61 00-0009	EA	Follow Spotlight With Steel Chassis And Lightweight Note: Aluminum housing, includes lamp adjustment plate, ballast, electronic power supply, stepdown transformer, silent lamp fan, dowser, iris and clipper, rear lens control, coated lenses, six color boomerang, color fan, 34" x 34" castered stand.	2,808.46	155.89
26 55 61 00-0010	EA	300 To 1000 Watt, PAR 64 Can Lighting With 20 Gauge Sheet Steel Note: Formed lamp housing, hinged and latched rear housing secured by retention ring, safety cable, safety screen, PAR 64 lamp, male pin connector.	498.18	155.89
26 55 61 00-0011	EA	6' Length, Multi-Lamp Compartmented Striplighting Luminaire Note: With continuous sheet steel housing, supported by 1-1/2" x 3/16" steel yoke with C-clamp, includes 30 lights per section wired on 3 circuits, alzak aluminum reflector with matte finish.	1,777.12	155.89
26 55 61 00-0012	EA	1,000 Watt, 25 To 125' Throw, Follow Spotlight (Times Square Lighting QF1000S)	3,026.49	155.89

26 55 68 Athletic Field Lighting *(26 55)*

26 55 68 00-0001 Sports Lighting System *(26 55 68)*
Note: Musco.

26 55 68 00-0002 Round Steel Tapered Poles *(26 55 68 00-0001)*
Note: With Internal wiring harness.

26 55 68 00-0003	EA	20' Steel Tapered Pole With Precast Concrete Foundation Sleeve	4,220.32	681.91
26 55 68 00-0004	EA	25' Steel Tapered Pole With Precast Concrete Foundation Sleeve	5,077.96	823.98
26 55 68 00-0005	EA	30' Steel Tapered Pole With Precast Concrete Foundation Sleeve	5,726.94	895.01
26 55 68 00-0006	EA	35' Steel Tapered Pole With Precast Concrete Foundation Sleeve	6,267.89	930.53
26 55 68 00-0007	EA	40' Steel Tapered Pole With Precast Concrete Foundation Sleeve	7,885.57	966.04
26 55 68 00-0008	EA	45' Steel Tapered Pole With Precast Concrete Foundation Sleeve	9,042.01	1,179.14
26 55 68 00-0009	EA	50' Steel Tapered Pole With Precast Concrete Foundation Sleeve	9,718.78	1,250.17
26 55 68 00-0010	EA	55' Steel Tapered Pole With Precast Concrete Foundation Sleeve	11,040.02	1,420.66
26 55 68 00-0011	EA	60' Steel Tapered Pole With Precast Concrete Foundation Sleeve	12,535.88	1,598.24
26 55 68 00-0012	EA	65' Steel Tapered Pole With Precast Concrete Foundation Sleeve	13,866.43	1,764.47
26 55 68 00-0013	EA	70' Steel Tapered Pole With Precast Concrete Foundation Sleeve	15,119.29	1,972.05
26 55 68 00-0014	EA	75' Steel Tapered Pole With Precast Concrete Foundation Sleeve	16,477.00	2,214.23
26 55 68 00-0015	EA	80' Steel Tapered Pole With Precast Concrete Foundation Sleeve	18,463.73	2,664.00

26 55 68 00-0016 Steel Pole Brackets *(26 55 68 00-0001)*

26 55 68 00-0017	EA	Two Light Bracket	647.87	71.03
26 55 68 00-0018	EA	Three Light Bracket	814.78	99.45
26 55 68 00-0019	EA	Four Light Bracket	1,176.14	120.75
26 55 68 00-0020	EA	Five Light Bracket	1,339.30	142.07
26 55 68 00-0021	EA	Six Light Bracket	1,625.07	163.38
26 55 68 00-0022	EA	Seven Light Bracket	1,860.81	184.68
26 55 68 00-0023	EA	Eight Light Bracket	2,127.93	213.10
26 55 68 00-0024	EA	Nine Light Bracket	2,404.54	234.41

26 55 68 00-0025 Light Fixtures *(26 55 68 00-0001)*

26 55 68 00-0026	EA	120 or 270 Volt, Sportlite Fixtures Complete with 1,000 Watt Metal Halide Lamp, Hook Cord And Plug	1,455.70	
		For 1,500 Watt Metal Halide Lamp, Add	*15.61*	

26 55 68 00-0027 Electrical Component Enclosure *(26 55 68 00-0001)*
Note: Pole mounted NEMA 3R enclosure with thermal magnetic breaker and multiple ballasts to match total light fixtures. For light structures with more than 6 lights, use multiple enclosures.

26 55 68 00-0028	EA	Electrical Component Enclosure For 2 Lights, Pole Mounted	1,049.47	83.39
26 55 68 00-0029	EA	Electrical Component Enclosure For 3 Lights, Pole Mounted	1,574.74	128.30
26 55 68 00-0030	EA	Electrical Component Enclosure For 4 Lights, Pole Mounted	1,806.87	160.36
26 55 68 00-0031	EA	Electrical Component Enclosure For 5 Lights, Pole Mounted	2,336.44	179.62
26 55 68 00-0032	EA	Electrical Component Enclosure For 6 Lights, Pole Mounted	2,627.43	192.44

26 55 68 00-0033 Accessories *(26 55 68 00-0001)*

26 55 68 00-0034	EA	Time Delay Kit (Musco®)	1,064.90	256.99
26 55 68 00-0035	EA	Remote Switch Box Push Button (Musco®)	2,166.76	256.99
26 55 68 00-0036	EA	Push Button Strobe Kit (Musco®)	2,607.50	256.99
26 55 68 00-0037	EA	Additional Control-Link Unit (Musco®)	12,560.50	770.97
26 55 68 00-0038	EA	Auxiliary Brackets For Speakers Or Egress Fixtures, For New Installations (Musco®)	1,358.46	128.30
26 55 68 00-0039	EA	Auxiliary Brackets For Speakers Or Egress Fixtures, For Retrofit Applications (Musco®)	1,615.04	256.60

26 56 Exterior Lighting *(26 50)*

26 56 13 Lighting Poles and Standards *(26 56)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0001		**Poles And Standards** *(26 56 13)*		
26 56 13 00-0002		**Roadway Light Poles** *(26 56 13 00-0001)* Note: Excludes lighting fixtures.		
26 56 13 00-0003		**Steel Roadway Light Poles** *(26 56 13 00-0002)* Note: Includes prime painted finish, anchor bolts, steel base with nut covers, reinforced handhole with cover and grounding provisions, and fixture arm(s).		
26 56 13 00-0004		**Round Tapered, Steel Roadway Light Poles** *(26 56 13 00-0003)*		
26 56 13 00-0005		**Round Tapered, Steel Roadway Light Poles With Upsweep Style Arms** *(26 56 13 00-0004)*		
26 56 13 00-0006		**Round Tapered, Steel Roadway Light Poles With Single Upsweep Style Arm** *(26 56 13 00-0005)*		
26 56 13 00-0007	EA	20' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	2,745.85	426.20
		For Galvanized Finish, Add	*56.80*	
		For >10 To 20, Deduct	*-68.65*	
		For >20 To 40, Deduct	*-137.29*	
		For >40, Deduct	*-227.25*	
26 56 13 00-0008	EA	20' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	2,750.53	426.20
		For Galvanized Finish, Add	*56.94*	
		For >10 To 20, Deduct	*-68.76*	
		For >20 To 40, Deduct	*-137.53*	
		For >40, Deduct	*-227.60*	
26 56 13 00-0009	EA	25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	3,062.39	568.26
		For Galvanized Finish, Add	*57.78*	
		For >10 To 20, Deduct	*-76.56*	
		For >20 To 40, Deduct	*-153.12*	
		For >40, Deduct	*-258.09*	
26 56 13 00-0010	EA	25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	3,118.66	568.26
		For Galvanized Finish, Add	*59.46*	
		For >10 To 20, Deduct	*-77.97*	
		For >20 To 40, Deduct	*-155.93*	
		For >40, Deduct	*-262.31*	
26 56 13 00-0011	EA	25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base	3,174.94	568.26
		For Galvanized Finish, Add	*61.15*	
		For >10 To 20, Deduct	*-79.37*	
		For >20 To 40, Deduct	*-158.75*	
		For >40, Deduct	*-266.53*	
26 56 13 00-0012	EA	30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	3,328.86	639.30
		For Galvanized Finish, Add	*61.51*	
		For >10 To 20, Deduct	*-83.22*	
		For >20 To 40, Deduct	*-166.44*	
		For >40, Deduct	*-281.63*	
26 56 13 00-0013	EA	30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	3,355.54	639.30
		For Galvanized Finish, Add	*62.31*	
		For >10 To 20, Deduct	*-83.89*	
		For >20 To 40, Deduct	*-167.78*	
		For >40, Deduct	*-283.63*	
26 56 13 00-0014	EA	30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base	3,360.62	639.30
		For Galvanized Finish, Add	*62.46*	
		For >10 To 20, Deduct	*-84.02*	
		For >20 To 40, Deduct	*-168.03*	
		For >40, Deduct	*-284.01*	
26 56 13 00-0015	EA	35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	3,526.38	674.81
		For Galvanized Finish, Add	*65.30*	
		For >10 To 20, Deduct	*-88.16*	
		For >20 To 40, Deduct	*-176.32*	
		For >40, Deduct	*-298.22*	
26 56 13 00-0016	EA	35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	3,546.54	674.81
		For Galvanized Finish, Add	*65.91*	
		For >10 To 20, Deduct	*-88.66*	
		For >20 To 40, Deduct	*-177.33*	
		For >40, Deduct	*-299.73*	
26 56 13 00-0017	EA	35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base	3,568.55	674.81
		For Galvanized Finish, Add	*66.57*	
		For >10 To 20, Deduct	*-89.21*	
		For >20 To 40, Deduct	*-178.43*	
		For >40, Deduct	*-301.38*	
26 56 13 00-0018	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	4,033.82	710.33
		For Galvanized Finish, Add	*78.39*	
		For >10 To 20, Deduct	*-100.85*	
		For >20 To 40, Deduct	*-201.69*	
		For >40, Deduct	*-338.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0019	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	4,041.00	710.33
		For Galvanized Finish, Add	*78.61*	
		For >10 To 20, Deduct	*-101.03*	
		For >20 To 40, Deduct	*-202.05*	
		For >40, Deduct	*-338.59*	
26 56 13 00-0020	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base	4,048.09	710.33
		For Galvanized Finish, Add	*78.82*	
		For >10 To 20, Deduct	*-101.20*	
		For >20 To 40, Deduct	*-202.40*	
		For >40, Deduct	*-339.12*	

26 56 13 00-0021 Round Tapered, Steel Roadway Light Poles With Two Upsweep Style Arms *(26 56 13 00-0005)*

26 56 13 00-0022	EA	20' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	3,398.65	497.23
		For Galvanized Finish, Add	*72.13*	
		For >10 To 20, Deduct	*-84.97*	
		For >20 To 40, Deduct	*-169.93*	
		For >40, Deduct	*-279.76*	
26 56 13 00-0023	EA	20' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	3,464.24	514.99
		For Galvanized Finish, Add	*73.03*	
		For >10 To 20, Deduct	*-86.61*	
		For >20 To 40, Deduct	*-173.21*	
		For >40, Deduct	*-285.57*	
26 56 13 00-0024	EA	20' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	3,522.41	532.75
		For Galvanized Finish, Add	*73.71*	
		For >10 To 20, Deduct	*-88.06*	
		For >20 To 40, Deduct	*-176.12*	
		For >40, Deduct	*-290.82*	
26 56 13 00-0025	EA	25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	3,487.84	639.30
		For Galvanized Finish, Add	*66.28*	
		For >10 To 20, Deduct	*-87.20*	
		For >20 To 40, Deduct	*-174.39*	
		For >40, Deduct	*-293.55*	
26 56 13 00-0026	EA	25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	3,535.29	657.05
		For Galvanized Finish, Add	*66.64*	
		For >10 To 20, Deduct	*-88.38*	
		For >20 To 40, Deduct	*-176.76*	
		For >40, Deduct	*-298.00*	
26 56 13 00-0027	EA	25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	3,575.64	674.81
		For Galvanized Finish, Add	*66.78*	
		For >10 To 20, Deduct	*-89.39*	
		For >20 To 40, Deduct	*-178.78*	
		For >40, Deduct	*-301.91*	
26 56 13 00-0028	EA	30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	3,777.29	710.33
		For Galvanized Finish, Add	*70.70*	
		For >10 To 20, Deduct	*-94.43*	
		For >20 To 40, Deduct	*-188.86*	
		For >40, Deduct	*-318.81*	
26 56 13 00-0029	EA	30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	3,820.05	728.09
		For Galvanized Finish, Add	*70.92*	
		For >10 To 20, Deduct	*-95.50*	
		For >20 To 40, Deduct	*-191.00*	
		For >40, Deduct	*-322.91*	
26 56 13 00-0030	EA	30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	3,860.17	745.84
		For Galvanized Finish, Add	*71.05*	
		For >10 To 20, Deduct	*-96.50*	
		For >20 To 40, Deduct	*-193.01*	
		For >40, Deduct	*-326.81*	
26 56 13 00-0031	EA	35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	4,002.71	745.84
		For Galvanized Finish, Add	*75.33*	
		For >10 To 20, Deduct	*-100.07*	
		For >20 To 40, Deduct	*-200.14*	
		For >40, Deduct	*-337.50*	
26 56 13 00-0032	EA	35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	4,069.42	763.60
		For Galvanized Finish, Add	*76.27*	
		For >10 To 20, Deduct	*-101.74*	
		For >20 To 40, Deduct	*-203.47*	
		For >40, Deduct	*-343.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0033	EA	35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	4,134.52	781.36
		For Galvanized Finish, Add	*77.15*	
		For >10 To 20, Deduct	*-103.36*	
		For >20 To 40, Deduct	*-206.73*	
		For >40, Deduct	*-349.16*	
26 56 13 00-0034	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	4,482.40	781.36
		For Galvanized Finish, Add	*87.59*	
		For >10 To 20, Deduct	*-112.06*	
		For >20 To 40, Deduct	*-224.12*	
		For >40, Deduct	*-375.25*	
26 56 13 00-0035	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	4,522.60	799.12
		For Galvanized Finish, Add	*87.73*	
		For >10 To 20, Deduct	*-113.07*	
		For >20 To 40, Deduct	*-226.13*	
		For >40, Deduct	*-379.15*	
26 56 13 00-0036	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	4,562.95	816.88
		For Galvanized Finish, Add	*87.88*	
		For >10 To 20, Deduct	*-114.07*	
		For >20 To 40, Deduct	*-228.15*	
		For >40, Deduct	*-383.07*	

26 56 13 00-0037 Round Tapered, Steel Roadway Light Poles With Three Upsweep Style Arms *(26 56 13 00-0005)*

26 56 13 00-0038	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	4,071.88	710.33
		For Galvanized Finish, Add	*79.54*	
		For >10 To 20, Deduct	*-101.80*	
		For >20 To 40, Deduct	*-203.59*	
		For >40, Deduct	*-340.91*	
26 56 13 00-0039	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	4,147.66	745.84
		For Galvanized Finish, Add	*79.68*	
		For >10 To 20, Deduct	*-103.69*	
		For >20 To 40, Deduct	*-207.38*	
		For >40, Deduct	*-348.37*	
26 56 13 00-0040	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 8' Upsweep Style Arms, Anchor Base	4,230.54	781.36
		For Galvanized Finish, Add	*80.03*	
		For >10 To 20, Deduct	*-105.76*	
		For >20 To 40, Deduct	*-211.53*	
		For >40, Deduct	*-356.36*	
26 56 13 00-0041	EA	30' High, 7.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	4,332.77	781.36
		For Galvanized Finish, Add	*83.10*	
		For >10 To 20, Deduct	*-108.32*	
		For >20 To 40, Deduct	*-216.64*	
		For >40, Deduct	*-364.03*	
26 56 13 00-0042	EA	30' High, 7.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	4,410.81	816.88
		For Galvanized Finish, Add	*83.31*	
		For >10 To 20, Deduct	*-110.27*	
		For >20 To 40, Deduct	*-220.54*	
		For >40, Deduct	*-371.65*	
26 56 13 00-0043	EA	30' High, 7.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 8' Upsweep Style Arms, Anchor Base	4,486.61	852.39
		For Galvanized Finish, Add	*83.45*	
		For >10 To 20, Deduct	*-112.17*	
		For >20 To 40, Deduct	*-224.33*	
		For >40, Deduct	*-379.12*	
26 56 13 00-0044	EA	35' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	4,598.42	816.88
		For Galvanized Finish, Add	*88.94*	
		For >10 To 20, Deduct	*-114.96*	
		For >20 To 40, Deduct	*-229.92*	
		For >40, Deduct	*-385.73*	
26 56 13 00-0045	EA	35' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	4,674.22	852.39
		For Galvanized Finish, Add	*89.08*	
		For >10 To 20, Deduct	*-116.86*	
		For >20 To 40, Deduct	*-233.71*	
		For >40, Deduct	*-393.19*	
26 56 13 00-0046	EA	35' High, 8.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 8' Upsweep Style Arms, Anchor Base	4,750.00	887.91
		For Galvanized Finish, Add	*89.23*	
		For >10 To 20, Deduct	*-118.75*	
		For >20 To 40, Deduct	*-237.50*	
		For >40, Deduct	*-400.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0047	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	4,930.99	852.39
		For Galvanized Finish, Add	*96.79*	
		For >10 To 20, Deduct	*-123.27*	
		For >20 To 40, Deduct	*-246.55*	
		For >40, Deduct	*-412.44*	
26 56 13 00-0048	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	5,006.54	887.91
		For Galvanized Finish, Add	*96.92*	
		For >10 To 20, Deduct	*-125.16*	
		For >20 To 40, Deduct	*-250.33*	
		For >40, Deduct	*-419.89*	
26 56 13 00-0049	EA	40' High, 9.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 8' Upsweep Style Arms, Anchor Base	5,087.08	923.43
		For Galvanized Finish, Add	*97.21*	
		For >10 To 20, Deduct	*-127.18*	
		For >20 To 40, Deduct	*-254.35*	
		For >40, Deduct	*-427.70*	

26 56 13 00-0050 Round Tapered, Steel Roadway Light Poles With Four Upsweep Style Arms *(26 56 13 00-0005)*

26 56 13 00-0051	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	4,522.79	781.36
		For Galvanized Finish, Add	*88.80*	
		For >10 To 20, Deduct	*-113.07*	
		For >20 To 40, Deduct	*-226.14*	
		For >40, Deduct	*-378.28*	
26 56 13 00-0052	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base	4,636.44	834.64
		For Galvanized Finish, Add	*89.02*	
		For >10 To 20, Deduct	*-115.91*	
		For >20 To 40, Deduct	*-231.82*	
		For >40, Deduct	*-389.46*	
26 56 13 00-0053	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 8' Upsweep Style Arms, Anchor Base	4,747.66	887.91
		For Galvanized Finish, Add	*89.16*	
		For >10 To 20, Deduct	*-118.69*	
		For >20 To 40, Deduct	*-237.38*	
		For >40, Deduct	*-400.47*	
26 56 13 00-0054	EA	30' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	4,812.80	852.39
		For Galvanized Finish, Add	*93.24*	
		For >10 To 20, Deduct	*-120.32*	
		For >20 To 40, Deduct	*-240.64*	
		For >40, Deduct	*-403.58*	
26 56 13 00-0055	EA	30' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base	4,924.35	905.67
		For Galvanized Finish, Add	*93.39*	
		For >10 To 20, Deduct	*-123.11*	
		For >20 To 40, Deduct	*-246.22*	
		For >40, Deduct	*-414.61*	
26 56 13 00-0056	EA	30' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 8' Upsweep Style Arms, Anchor Base	5,008.49	958.94
		For Galvanized Finish, Add	*92.72*	
		For >10 To 20, Deduct	*-125.21*	
		For >20 To 40, Deduct	*-250.42*	
		For >40, Deduct	*-423.58*	
26 56 13 00-0057	EA	35' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	5,153.83	887.91
		For Galvanized Finish, Add	*101.34*	
		For >10 To 20, Deduct	*-128.85*	
		For >20 To 40, Deduct	*-257.69*	
		For >40, Deduct	*-430.93*	
26 56 13 00-0058	EA	35' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base	5,297.47	941.18
		For Galvanized Finish, Add	*102.45*	
		For >10 To 20, Deduct	*-132.44*	
		For >20 To 40, Deduct	*-264.87*	
		For >40, Deduct	*-444.37*	
26 56 13 00-0059	EA	35' High, 9.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 8' Upsweep Style Arms, Anchor Base	5,378.94	994.46
		For Galvanized Finish, Add	*101.70*	
		For >10 To 20, Deduct	*-134.47*	
		For >20 To 40, Deduct	*-268.95*	
		For >40, Deduct	*-453.14*	
26 56 13 00-0060	EA	40' High, 10.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	5,379.33	923.43
		For Galvanized Finish, Add	*105.97*	
		For >10 To 20, Deduct	*-134.48*	
		For >20 To 40, Deduct	*-268.97*	
		For >40, Deduct	*-449.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0061	EA	40' High, 10.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base	5,490.56	976.70
		For Galvanized Finish, Add	*106.11*	
		For >10 To 20, Deduct	*-137.26*	
		For >20 To 40, Deduct	*-274.53*	
		For >40, Deduct	*-460.63*	
26 56 13 00-0062	EA	40' High, 10.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 8' Upsweep Style Arms, Anchor Base	5,604.20	1,029.98
		For Galvanized Finish, Add	*106.33*	
		For >10 To 20, Deduct	*-140.11*	
		For >20 To 40, Deduct	*-280.21*	
		For >40, Deduct	*-471.81*	
26 56 13 00-0063		Round Tapered, Steel Roadway Light Poles With Davit Style Arm *(26 56 13 00-0004)*		
26 56 13 00-0064		Round Tapered, Steel Roadway Light Poles With Single Davit Style Arm *(26 56 13 00-0063)*		
26 56 13 00-0065	EA	25' High, 6.4" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6.5' Davit Style Arm, Anchor Base	3,236.53	568.26
		For Galvanized Finish, Add	*63.00*	
		For >10 To 20, Deduct	*-80.91*	
		For >20 To 40, Deduct	*-161.83*	
		For >40, Deduct	*-271.15*	
26 56 13 00-0066	EA	30' High, 7.1" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6.5' Davit Style Arm, Anchor Base	3,660.05	639.30
		For Galvanized Finish, Add	*71.44*	
		For >10 To 20, Deduct	*-91.50*	
		For >20 To 40, Deduct	*-183.00*	
		For >40, Deduct	*-306.47*	
26 56 13 00-0067	EA	35' High, 7.8" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6.5' Davit Style Arm, Anchor Base	3,770.26	674.81
		For Galvanized Finish, Add	*72.62*	
		For >10 To 20, Deduct	*-94.26*	
		For >20 To 40, Deduct	*-188.51*	
		For >40, Deduct	*-316.51*	
26 56 13 00-0068	EA	40' High, 9.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6.5' Davit Style Arm, Anchor Base	4,442.41	710.33
		For Galvanized Finish, Add	*90.65*	
		For >10 To 20, Deduct	*-111.06*	
		For >20 To 40, Deduct	*-222.12*	
		For >40, Deduct	*-368.70*	
26 56 13 00-0069		Round Tapered, Steel Roadway Light Poles With Truss Style Arms *(26 56 13 00-0004)*		
26 56 13 00-0070		Round Tapered, Steel Roadway Light Poles With Single Truss Style Arm *(26 56 13 00-0069)*		
26 56 13 00-0071	EA	25' High, 6.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base	4,077.16	568.26
		For Galvanized Finish, Add	*88.22*	
		For >10 To 20, Deduct	*-101.93*	
		For >20 To 40, Deduct	*-203.86*	
		For >40, Deduct	*-334.20*	
26 56 13 00-0072	EA	25' High, 6.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base	4,113.20	568.26
		For Galvanized Finish, Add	*89.30*	
		For >10 To 20, Deduct	*-102.83*	
		For >20 To 40, Deduct	*-205.66*	
		For >40, Deduct	*-336.90*	
26 56 13 00-0073	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base	4,129.65	568.26
		For Galvanized Finish, Add	*89.79*	
		For >10 To 20, Deduct	*-103.24*	
		For >20 To 40, Deduct	*-206.48*	
		For >40, Deduct	*-338.14*	
26 56 13 00-0074	EA	30' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base	4,255.27	639.30
		For Galvanized Finish, Add	*89.30*	
		For >10 To 20, Deduct	*-106.38*	
		For >20 To 40, Deduct	*-212.76*	
		For >40, Deduct	*-351.11*	
26 56 13 00-0075	EA	30' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base	4,261.56	639.30
		For Galvanized Finish, Add	*89.49*	
		For >10 To 20, Deduct	*-106.54*	
		For >20 To 40, Deduct	*-213.08*	
		For >40, Deduct	*-351.58*	
26 56 13 00-0076	EA	30' High, 7.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base	4,326.54	639.30
		For Galvanized Finish, Add	*91.44*	
		For >10 To 20, Deduct	*-108.16*	
		For >20 To 40, Deduct	*-216.33*	
		For >40, Deduct	*-356.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0077	EA	35' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base	4,347.67	674.81
		For Galvanized Finish, Add	*89.94*	
		For >10 To 20, Deduct	*-108.69*	
		For >20 To 40, Deduct	*-217.38*	
		For >40, Deduct	*-359.82*	
26 56 13 00-0078	EA	35' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base	4,385.72	674.81
		For Galvanized Finish, Add	*91.08*	
		For >10 To 20, Deduct	*-109.64*	
		For >20 To 40, Deduct	*-219.29*	
		For >40, Deduct	*-362.67*	
26 56 13 00-0079	EA	35' High, 8.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base	4,585.26	674.81
		For Galvanized Finish, Add	*97.07*	
		For >10 To 20, Deduct	*-114.63*	
		For >20 To 40, Deduct	*-229.26*	
		For >40, Deduct	*-377.64*	

26 56 13 00-0080 Round Tapered, Steel Roadway Light Poles With Two Truss Style Arms *(26 56 13 00-0069)*

26 56 13 00-0081	EA	25' High, 6.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base	5,320.05	710.33
		For Galvanized Finish, Add	*116.98*	
		For >10 To 20, Deduct	*-133.00*	
		For >20 To 40, Deduct	*-266.00*	
		For >40, Deduct	*-434.52*	
26 56 13 00-0082	EA	25' High, 6.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base	5,425.58	745.84
		For Galvanized Finish, Add	*118.02*	
		For >10 To 20, Deduct	*-135.64*	
		For >20 To 40, Deduct	*-271.28*	
		For >40, Deduct	*-444.21*	
26 56 13 00-0083	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base	5,632.05	781.36
		For Galvanized Finish, Add	*122.08*	
		For >10 To 20, Deduct	*-140.80*	
		For >20 To 40, Deduct	*-281.60*	
		For >40, Deduct	*-461.47*	
26 56 13 00-0084	EA	30' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base	5,442.11	781.36
		For Galvanized Finish, Add	*116.38*	
		For >10 To 20, Deduct	*-136.05*	
		For >20 To 40, Deduct	*-272.11*	
		For >40, Deduct	*-447.23*	
26 56 13 00-0085	EA	30' High, 7.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base	5,691.39	816.88
		For Galvanized Finish, Add	*121.73*	
		For >10 To 20, Deduct	*-142.28*	
		For >20 To 40, Deduct	*-284.57*	
		For >40, Deduct	*-467.70*	
26 56 13 00-0086	EA	30' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base	5,850.15	852.39
		For Galvanized Finish, Add	*124.36*	
		For >10 To 20, Deduct	*-146.25*	
		For >20 To 40, Deduct	*-292.51*	
		For >40, Deduct	*-481.38*	
26 56 13 00-0087	EA	35' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base	5,612.71	816.88
		For Galvanized Finish, Add	*119.37*	
		For >10 To 20, Deduct	*-140.32*	
		For >20 To 40, Deduct	*-280.64*	
		For >40, Deduct	*-461.80*	
26 56 13 00-0088	EA	35' High, 8.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base	5,938.03	852.39
		For Galvanized Finish, Add	*127.00*	
		For >10 To 20, Deduct	*-148.45*	
		For >20 To 40, Deduct	*-296.90*	
		For >40, Deduct	*-487.97*	
26 56 13 00-0089	EA	35' High, 8.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base	6,139.66	887.91
		For Galvanized Finish, Add	*130.92*	
		For >10 To 20, Deduct	*-153.49*	
		For >20 To 40, Deduct	*-306.98*	
		For >40, Deduct	*-504.87*	

26 56 13 00-0090 Aluminum Roadway Light Poles *(26 56 13 00-0002)*

Note: Includes satin finish, anchor bolts, cast aluminum base with nut covers, reinforced handhole with cover and grounding provisions, and fixture arm(s).

26 56 13 00-0091 Round Tapered, Aluminum Roadway Light Poles *(26 56 13 00-0090)*

26 56 13 00-0092 Round Tapered, Aluminum Roadway Light Poles With Upsweep Style Arms *(26 56 13 00-0091)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0093		Round Tapered, Aluminum Roadway Light Poles With Single Upsweep Style Arm *(26 56 13 00-0092)*		
26 56 13 00-0094	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	2,572.78	426.20
		For >10 To 20, Deduct	*-64.32*	
		For >20 To 40, Deduct	*-128.64*	
		For >40, Deduct	*-214.27*	
26 56 13 00-0095	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	2,593.60	426.20
		For >10 To 20, Deduct	*-64.84*	
		For >20 To 40, Deduct	*-129.68*	
		For >40, Deduct	*-215.83*	
26 56 13 00-0096	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	3,171.26	568.26
		For >10 To 20, Deduct	*-79.28*	
		For >20 To 40, Deduct	*-158.56*	
		For >40, Deduct	*-266.26*	
26 56 13 00-0097	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	3,210.61	568.26
		For >10 To 20, Deduct	*-80.27*	
		For >20 To 40, Deduct	*-160.53*	
		For >40, Deduct	*-269.21*	
26 56 13 00-0098	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base	3,246.80	568.26
		For >10 To 20, Deduct	*-81.17*	
		For >20 To 40, Deduct	*-162.34*	
		For >40, Deduct	*-271.92*	
26 56 13 00-0099	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	3,635.29	639.30
		For >10 To 20, Deduct	*-90.88*	
		For >20 To 40, Deduct	*-181.76*	
		For >40, Deduct	*-304.61*	
26 56 13 00-0100	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	3,668.49	639.30
		For >10 To 20, Deduct	*-91.71*	
		For >20 To 40, Deduct	*-183.42*	
		For >40, Deduct	*-307.10*	
26 56 13 00-0101	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base	3,705.62	639.30
		For >10 To 20, Deduct	*-92.64*	
		For >20 To 40, Deduct	*-185.28*	
		For >40, Deduct	*-309.89*	
26 56 13 00-0102	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	4,231.58	674.81
		For >10 To 20, Deduct	*-105.79*	
		For >20 To 40, Deduct	*-211.58*	
		For >40, Deduct	*-351.11*	
26 56 13 00-0103	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	4,264.70	674.81
		For >10 To 20, Deduct	*-106.62*	
		For >20 To 40, Deduct	*-213.24*	
		For >40, Deduct	*-353.59*	
26 56 13 00-0104	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base	4,292.44	674.81
		For >10 To 20, Deduct	*-107.31*	
		For >20 To 40, Deduct	*-214.62*	
		For >40, Deduct	*-355.67*	
26 56 13 00-0105		Round Tapered, Aluminum Roadway Light Poles With Two Upsweep Style Arms *(26 56 13 00-0092)*		
26 56 13 00-0106	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	2,951.28	497.23
		For >10 To 20, Deduct	*-73.78*	
		For >20 To 40, Deduct	*-147.56*	
		For >40, Deduct	*-246.21*	
26 56 13 00-0107	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	3,155.36	497.23
		For >10 To 20, Deduct	*-78.88*	
		For >20 To 40, Deduct	*-157.77*	
		For >40, Deduct	*-261.51*	
26 56 13 00-0108	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	3,266.16	532.75
		For >10 To 20, Deduct	*-81.65*	
		For >20 To 40, Deduct	*-163.31*	
		For >40, Deduct	*-271.60*	
26 56 13 00-0109	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	3,538.58	639.30
		For >10 To 20, Deduct	*-88.46*	
		For >20 To 40, Deduct	*-176.93*	
		For >40, Deduct	*-297.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0110	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	3,704.01	657.05
		For >10 To 20, Deduct	*-92.60*	
		For >20 To 40, Deduct	*-185.20*	
		For >40, Deduct	*-310.65*	
26 56 13 00-0111	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	3,939.68	674.81
		For >10 To 20, Deduct	*-98.49*	
		For >20 To 40, Deduct	*-196.98*	
		For >40, Deduct	*-329.22*	
26 56 13 00-0112	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	4,074.13	710.33
		For >10 To 20, Deduct	*-101.85*	
		For >20 To 40, Deduct	*-203.71*	
		For >40, Deduct	*-341.08*	
26 56 13 00-0113	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	4,230.16	728.09
		For >10 To 20, Deduct	*-105.75*	
		For >20 To 40, Deduct	*-211.51*	
		For >40, Deduct	*-353.67*	
26 56 13 00-0114	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	4,419.15	745.84
		For >10 To 20, Deduct	*-110.48*	
		For >20 To 40, Deduct	*-220.96*	
		For >40, Deduct	*-368.73*	
26 56 13 00-0115	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	4,599.67	745.84
		For >10 To 20, Deduct	*-114.99*	
		For >20 To 40, Deduct	*-229.98*	
		For >40, Deduct	*-382.27*	
26 56 13 00-0116	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	5,010.91	763.60
		For >10 To 20, Deduct	*-125.27*	
		For >20 To 40, Deduct	*-250.55*	
		For >40, Deduct	*-414.00*	
26 56 13 00-0117	EA	35' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	5,488.13	781.36
		For >10 To 20, Deduct	*-137.20*	
		For >20 To 40, Deduct	*-274.41*	
		For >40, Deduct	*-450.68*	

26 56 13 00-0118 Round Tapered, Aluminum Roadway Light Poles With Three Upsweep Style Arms *(26 56 13 00-0092)*

26 56 13 00-0119	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	3,421.86	568.26
		For >10 To 20, Deduct	*-85.55*	
		For >20 To 40, Deduct	*-171.09*	
		For >40, Deduct	*-285.05*	
26 56 13 00-0120	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	3,657.98	603.78
		For >10 To 20, Deduct	*-91.45*	
		For >20 To 40, Deduct	*-182.90*	
		For >40, Deduct	*-304.54*	
26 56 13 00-0121	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	4,168.11	710.33
		For >10 To 20, Deduct	*-104.20*	
		For >20 To 40, Deduct	*-208.41*	
		For >40, Deduct	*-348.12*	
26 56 13 00-0122	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	4,348.30	745.84
		For >10 To 20, Deduct	*-108.71*	
		For >20 To 40, Deduct	*-217.42*	
		For >40, Deduct	*-363.41*	
26 56 13 00-0123	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	4,553.94	781.36
		For >10 To 20, Deduct	*-113.85*	
		For >20 To 40, Deduct	*-227.70*	
		For >40, Deduct	*-380.61*	
26 56 13 00-0124	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	4,718.94	816.88
		For >10 To 20, Deduct	*-117.97*	
		For >20 To 40, Deduct	*-235.95*	
		For >40, Deduct	*-394.76*	
26 56 13 00-0125	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	4,914.40	816.88
		For >10 To 20, Deduct	*-122.86*	
		For >20 To 40, Deduct	*-245.72*	
		For >40, Deduct	*-409.42*	
26 56 13 00-0126	EA	35' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	5,332.32	852.39
		For >10 To 20, Deduct	*-133.31*	
		For >20 To 40, Deduct	*-266.62*	
		For >40, Deduct	*-442.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0127	EA	35' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 8' Upsweep Style Arms, Anchor Base	11,770.26	887.91
		For >10 To 20, Deduct	*-294.26*	
		For >20 To 40, Deduct	*-588.51*	
		For >40, Deduct	*-927.17*	
26 56 13 00-0128		Round Tapered, Aluminum Roadway Light Poles With Four Upsweep Style Arms *(26 56 13 00-0092)*		
26 56 13 00-0129	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	3,563.42	639.30
		For >10 To 20, Deduct	*-89.09*	
		For >20 To 40, Deduct	*-178.17*	
		For >40, Deduct	*-299.22*	
26 56 13 00-0130	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base	3,688.38	639.30
		For >10 To 20, Deduct	*-92.21*	
		For >20 To 40, Deduct	*-184.42*	
		For >40, Deduct	*-308.59*	
26 56 13 00-0131	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	4,561.70	781.36
		For >10 To 20, Deduct	*-114.04*	
		For >20 To 40, Deduct	*-228.09*	
		For >40, Deduct	*-381.20*	
26 56 13 00-0132	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base	4,934.64	834.64
		For >10 To 20, Deduct	*-123.37*	
		For >20 To 40, Deduct	*-246.73*	
		For >40, Deduct	*-411.83*	
26 56 13 00-0133	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	5,140.36	852.39
		For >10 To 20, Deduct	*-128.51*	
		For >20 To 40, Deduct	*-257.02*	
		For >40, Deduct	*-428.15*	
26 56 13 00-0134	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base	5,485.64	905.67
		For >10 To 20, Deduct	*-137.14*	
		For >20 To 40, Deduct	*-274.28*	
		For >40, Deduct	*-456.71*	
26 56 13 00-0135	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	5,409.49	887.91
		For >10 To 20, Deduct	*-135.24*	
		For >20 To 40, Deduct	*-270.47*	
		For >40, Deduct	*-450.11*	
26 56 13 00-0136	EA	35' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base	6,127.77	941.18
		For >10 To 20, Deduct	*-153.19*	
		For >20 To 40, Deduct	*-306.39*	
		For >40, Deduct	*-506.64*	
26 56 13 00-0137	EA	35' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 8' Upsweep Style Arms, Anchor Base	6,765.05	994.46
		For >10 To 20, Deduct	*-169.13*	
		For >20 To 40, Deduct	*-338.25*	
		For >40, Deduct	*-557.10*	
26 56 13 00-0138		Round Tapered, Aluminum Roadway Light Poles With Truss Style Arms *(26 56 13 00-0091)*		
26 56 13 00-0139		Round Tapered, Aluminum Roadway Light Poles With Single Truss Style Arm *(26 56 13 00-0138)*		
26 56 13 00-0140	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Truss Style Arm, Anchor Base	3,749.45	568.26
		For >10 To 20, Deduct	*-93.74*	
		For >20 To 40, Deduct	*-187.47*	
		For >40, Deduct	*-309.62*	
26 56 13 00-0141	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base	3,777.28	568.26
		For >10 To 20, Deduct	*-94.43*	
		For >20 To 40, Deduct	*-188.86*	
		For >40, Deduct	*-311.71*	
26 56 13 00-0142	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base	3,848.37	568.26
		For >10 To 20, Deduct	*-96.21*	
		For >20 To 40, Deduct	*-192.42*	
		For >40, Deduct	*-317.04*	
26 56 13 00-0143	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base	3,955.07	568.26
		For >10 To 20, Deduct	*-98.88*	
		For >20 To 40, Deduct	*-197.75*	
		For >40, Deduct	*-325.04*	
26 56 13 00-0144	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Truss Style Arm, Anchor Base	4,221.41	639.30
		For >10 To 20, Deduct	*-105.54*	
		For >20 To 40, Deduct	*-211.07*	
		For >40, Deduct	*-348.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0145	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base	4,284.15	639.30
		For >10 To 20, Deduct	*-107.10*	
		For >20 To 40, Deduct	*-214.21*	
		For >40, Deduct	*-353.28*	
26 56 13 00-0146	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base	4,351.06	639.30
		For >10 To 20, Deduct	*-108.78*	
		For >20 To 40, Deduct	*-217.55*	
		For >40, Deduct	*-358.29*	
26 56 13 00-0147	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base	4,754.70	639.30
		For >10 To 20, Deduct	*-118.87*	
		For >20 To 40, Deduct	*-237.74*	
		For >40, Deduct	*-388.57*	
26 56 13 00-0148	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Truss Style Arm, Anchor Base	4,579.49	674.81
		For >10 To 20, Deduct	*-114.49*	
		For >20 To 40, Deduct	*-228.97*	
		For >40, Deduct	*-377.20*	
26 56 13 00-0149	EA	35' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base	5,097.41	674.81
		For >10 To 20, Deduct	*-127.44*	
		For >20 To 40, Deduct	*-254.87*	
		For >40, Deduct	*-416.05*	
26 56 13 00-0150	EA	35' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base	5,147.86	674.81
		For >10 To 20, Deduct	*-128.70*	
		For >20 To 40, Deduct	*-257.39*	
		For >40, Deduct	*-419.83*	
26 56 13 00-0151	EA	35' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base	5,468.10	674.81
		For >10 To 20, Deduct	*-136.70*	
		For >20 To 40, Deduct	*-273.41*	
		For >40, Deduct	*-443.85*	
26 56 13 00-0152	EA	35' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base	5,760.18	674.81
		For >10 To 20, Deduct	*-144.00*	
		For >20 To 40, Deduct	*-288.01*	
		For >40, Deduct	*-465.75*	

26 56 13 00-0153 Round Tapered, Aluminum Roadway Light Poles With Two Truss Style Arms *(26 56 13 00-0138)*

26 56 13 00-0154	EA	25' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base	4,856.23	710.33
		For >10 To 20, Deduct	*-121.41*	
		For >20 To 40, Deduct	*-242.81*	
		For >40, Deduct	*-399.73*	
26 56 13 00-0155	EA	25' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base	4,998.36	745.84
		For >10 To 20, Deduct	*-124.96*	
		For >20 To 40, Deduct	*-249.92*	
		For >40, Deduct	*-412.17*	
26 56 13 00-0156	EA	25' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base	5,115.14	781.36
		For >10 To 20, Deduct	*-127.88*	
		For >20 To 40, Deduct	*-255.76*	
		For >40, Deduct	*-422.70*	
26 56 13 00-0157	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base	5,237.02	781.36
		For >10 To 20, Deduct	*-130.93*	
		For >20 To 40, Deduct	*-261.85*	
		For >40, Deduct	*-431.84*	
26 56 13 00-0158	EA	30' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base	5,678.66	816.88
		For >10 To 20, Deduct	*-141.97*	
		For >20 To 40, Deduct	*-283.93*	
		For >40, Deduct	*-466.74*	
26 56 13 00-0159	EA	30' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base	6,480.92	852.39
		For >10 To 20, Deduct	*-162.02*	
		For >20 To 40, Deduct	*-324.05*	
		For >40, Deduct	*-528.69*	
26 56 13 00-0160	EA	35' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base	6,265.12	816.88
		For >10 To 20, Deduct	*-156.63*	
		For >20 To 40, Deduct	*-313.26*	
		For >40, Deduct	*-510.73*	
26 56 13 00-0161	EA	35' High, 10" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base	6,395.74	852.39
		For >10 To 20, Deduct	*-159.89*	
		For >20 To 40, Deduct	*-319.79*	
		For >40, Deduct	*-522.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0162	EA	35' High, 10" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base	7,717.20	887.91
		For >10 To 20, Deduct	*-192.93*	
		For >20 To 40, Deduct	*-385.86*	
		For >40, Deduct	*-623.19*	
26 56 13 00-0163		Round Tapered, Aluminum Roadway Light Poles With Davit Style Arm *(26 56 13 00-0091)*		
26 56 13 00-0164		Round Tapered, Aluminum Roadway Light Poles With Single Davit Style Arm *(26 56 13 00-0163)*		
26 56 13 00-0165	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Davit Style Arm, Anchor Base	3,059.12	426.20
		For >10 To 20, Deduct	*-76.48*	
		For >20 To 40, Deduct	*-152.96*	
		For >40, Deduct	*-250.74*	
26 56 13 00-0166	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Davit Style Arm, Anchor Base	3,137.73	426.20
		For >10 To 20, Deduct	*-78.44*	
		For >20 To 40, Deduct	*-156.89*	
		For >40, Deduct	*-256.64*	
26 56 13 00-0167	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Davit Style Arm, Anchor Base	3,216.51	426.20
		For >10 To 20, Deduct	*-80.41*	
		For >20 To 40, Deduct	*-160.83*	
		For >40, Deduct	*-262.55*	
26 56 13 00-0168	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Davit Style Arm, Anchor Base	3,664.69	568.26
		For >10 To 20, Deduct	*-91.62*	
		For >20 To 40, Deduct	*-183.23*	
		For >40, Deduct	*-303.26*	
26 56 13 00-0169	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Davit Style Arm, Anchor Base	3,724.61	568.26
		For >10 To 20, Deduct	*-93.12*	
		For >20 To 40, Deduct	*-186.23*	
		For >40, Deduct	*-307.76*	
26 56 13 00-0170	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Davit Style Arm, Anchor Base	3,790.08	568.26
		For >10 To 20, Deduct	*-94.75*	
		For >20 To 40, Deduct	*-189.50*	
		For >40, Deduct	*-312.67*	
26 56 13 00-0171	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Davit Style Arm, Anchor Base	4,135.20	639.30
		For >10 To 20, Deduct	*-103.38*	
		For >20 To 40, Deduct	*-206.76*	
		For >40, Deduct	*-342.10*	
26 56 13 00-0172	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Davit Style Arm, Anchor Base	4,216.55	639.30
		For >10 To 20, Deduct	*-105.41*	
		For >20 To 40, Deduct	*-210.83*	
		For >40, Deduct	*-348.21*	
26 56 13 00-0173	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Davit Style Arm, Anchor Base	4,228.75	639.30
		For >10 To 20, Deduct	*-105.72*	
		For >20 To 40, Deduct	*-211.44*	
		For >40, Deduct	*-349.12*	
26 56 13 00-0174	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Davit Style Arm, Anchor Base	4,495.67	674.81
		For >10 To 20, Deduct	*-112.39*	
		For >20 To 40, Deduct	*-224.78*	
		For >40, Deduct	*-370.92*	
26 56 13 00-0175	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Davit Style Arm, Anchor Base	4,531.35	674.81
		For >10 To 20, Deduct	*-113.28*	
		For >20 To 40, Deduct	*-226.57*	
		For >40, Deduct	*-373.59*	
26 56 13 00-0176	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Davit Style Arm, Anchor Base	4,614.99	674.81
		For >10 To 20, Deduct	*-115.37*	
		For >20 To 40, Deduct	*-230.75*	
		For >40, Deduct	*-379.86*	
26 56 13 00-0177		Area Light Poles *(26 56 13 00-0001)* Note: Excludes lighting fixtures.		
26 56 13 00-0178		Steel Area Light Poles *(26 56 13 00-0177)* Note: Includes powdercoat finish, anchor bolts, base cover, reinforced handhole with cover and grounding provisions, factory drilled fixture mounting holes and tenon, open or capped top.		
26 56 13 00-0179		Round Straight, Steel Area Light Poles *(26 56 13 00-0178)*		
26 56 13 00-0180		Round Straight, Steel Area Light Poles, Anchor Base *(26 56 13 00-0179)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0181	EA	10' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,358.46	248.61
		For Galvanized Finish, Add	*25.84*	
		For >10 To 20, Deduct	*-46.88*	
		For >20 To 40, Deduct	*-85.15*	
		For >40, Deduct	*-178.91*	
26 56 13 00-0182	EA	12' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,477.20	284.13
		For Galvanized Finish, Add	*27.27*	
		For >10 To 20, Deduct	*-50.56*	
		For >20 To 40, Deduct	*-92.04*	
		For >40, Deduct	*-193.17*	
26 56 13 00-0183	EA	14' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,650.83	319.65
		For Galvanized Finish, Add	*30.35*	
		For >10 To 20, Deduct	*-56.44*	
		For >20 To 40, Deduct	*-102.77*	
		For >40, Deduct	*-215.66*	
26 56 13 00-0184	EA	16' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,829.21	355.16
		For Galvanized Finish, Add	*33.57*	
		For >10 To 20, Deduct	*-62.51*	
		For >20 To 40, Deduct	*-113.84*	
		For >40, Deduct	*-238.87*	
26 56 13 00-0185	EA	18' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,947.96	390.68
		For Galvanized Finish, Add	*35.00*	
		For >10 To 20, Deduct	*-66.20*	
		For >20 To 40, Deduct	*-120.73*	
		For >40, Deduct	*-253.13*	
26 56 13 00-0186	EA	20' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	2,054.77	426.20
		For Galvanized Finish, Add	*36.07*	
		For >10 To 20, Deduct	*-69.40*	
		For >20 To 40, Deduct	*-126.79*	
		For >40, Deduct	*-265.60*	
26 56 13 00-0187	EA	10' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,420.49	248.61
		For Galvanized Finish, Add	*27.70*	
		For >10 To 20, Deduct	*-49.36*	
		For >20 To 40, Deduct	*-89.49*	
		For >40, Deduct	*-188.21*	
26 56 13 00-0188	EA	12' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,541.62	284.13
		For Galvanized Finish, Add	*29.20*	
		For >10 To 20, Deduct	*-53.14*	
		For >20 To 40, Deduct	*-96.55*	
		For >40, Deduct	*-202.83*	
26 56 13 00-0189	EA	14' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,779.66	319.65
		For Galvanized Finish, Add	*34.21*	
		For >10 To 20, Deduct	*-61.60*	
		For >20 To 40, Deduct	*-111.79*	
		For >40, Deduct	*-234.98*	
26 56 13 00-0190	EA	16' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,912.71	355.16
		For Galvanized Finish, Add	*36.07*	
		For >10 To 20, Deduct	*-65.85*	
		For >20 To 40, Deduct	*-119.68*	
		For >40, Deduct	*-251.39*	
26 56 13 00-0191	EA	18' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	2,038.61	390.68
		For Galvanized Finish, Add	*37.72*	
		For >10 To 20, Deduct	*-69.82*	
		For >20 To 40, Deduct	*-127.08*	
		For >40, Deduct	*-266.72*	
26 56 13 00-0192	EA	20' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	2,140.66	426.20
		For Galvanized Finish, Add	*38.65*	
		For >10 To 20, Deduct	*-72.84*	
		For >20 To 40, Deduct	*-132.80*	
		For >40, Deduct	*-278.48*	
26 56 13 00-0193	EA	25' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	2,513.06	568.26
		For Galvanized Finish, Add	*41.30*	
		For >10 To 20, Deduct	*-83.47*	
		For >20 To 40, Deduct	*-153.18*	
		For >40, Deduct	*-320.13*	
26 56 13 00-0194	EA	10' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,420.49	248.61
		For Galvanized Finish, Add	*27.70*	
		For >10 To 20, Deduct	*-49.36*	
		For >20 To 40, Deduct	*-89.49*	
		For >40, Deduct	*-188.21*	
26 56 13 00-0195	EA	12' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,548.77	284.13
		For Galvanized Finish, Add	*29.42*	
		For >10 To 20, Deduct	*-53.43*	
		For >20 To 40, Deduct	*-97.05*	
		For >40, Deduct	*-203.90*	
26 56 13 00-0196	EA	14' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,817.83	319.65
		For Galvanized Finish, Add	*35.36*	
		For >10 To 20, Deduct	*-63.12*	
		For >20 To 40, Deduct	*-114.46*	
		For >40, Deduct	*-240.71*	
26 56 13 00-0197	EA	16' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,919.87	355.16
		For Galvanized Finish, Add	*36.29*	
		For >10 To 20, Deduct	*-66.14*	
		For >20 To 40, Deduct	*-120.18*	
		For >40, Deduct	*-252.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0198	EA	18' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	2,038.61	390.68
		For Galvanized Finish, Add	*37.72*	
		For >10 To 20, Deduct	*-69.82*	
		For >20 To 40, Deduct	*-127.08*	
		For >40, Deduct	*-266.72*	
26 56 13 00-0199	EA	20' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	2,140.66	426.20
		For Galvanized Finish, Add	*38.65*	
		For >10 To 20, Deduct	*-72.84*	
		For >20 To 40, Deduct	*-132.80*	
		For >40, Deduct	*-278.48*	
26 56 13 00-0200	EA	25' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	2,579.86	568.26
		For Galvanized Finish, Add	*43.30*	
		For >10 To 20, Deduct	*-86.15*	
		For >20 To 40, Deduct	*-157.86*	
		For >40, Deduct	*-330.15*	
26 56 13 00-0201	EA	30' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	2,845.98	639.30
		For Galvanized Finish, Add	*47.02*	
		For >10 To 20, Deduct	*-94.66*	
		For >20 To 40, Deduct	*-173.65*	
		For >40, Deduct	*-362.97*	
26 56 13 00-0202	EA	20' High, 5" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	2,293.34	426.20
		For Galvanized Finish, Add	*43.23*	
		For >10 To 20, Deduct	*-78.95*	
		For >20 To 40, Deduct	*-143.49*	
		For >40, Deduct	*-301.38*	
26 56 13 00-0203	EA	25' High, 5" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	2,610.87	568.26
		For Galvanized Finish, Add	*44.23*	
		For >10 To 20, Deduct	*-87.39*	
		For >20 To 40, Deduct	*-160.03*	
		For >40, Deduct	*-334.80*	
26 56 13 00-0204	EA	30' High, 5" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	2,905.62	639.30
		For Galvanized Finish, Add	*48.81*	
		For >10 To 20, Deduct	*-97.05*	
		For >20 To 40, Deduct	*-177.82*	
		For >40, Deduct	*-371.91*	

26 56 13 00-0205 Round Tapered, Steel Area Light Poles *(26 56 13 00-0178)*

26 56 13 00-0206 Round Tapered, Steel Area Light Poles, Anchor Base *(26 56 13 00-0205)*

26 56 13 00-0207	EA	20' High, 5.90" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	2,832.50	426.20
		For Galvanized Finish, Add	*59.40*	
		For >10 To 20, Deduct	*-100.51*	
		For >20 To 40, Deduct	*-181.23*	
		For >40, Deduct	*-382.26*	
26 56 13 00-0208	EA	20' High, 6.50" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	2,906.46	426.20
		For Galvanized Finish, Add	*61.62*	
		For >10 To 20, Deduct	*-103.47*	
		For >20 To 40, Deduct	*-186.40*	
		For >40, Deduct	*-393.35*	
26 56 13 00-0209	EA	25' High, 5.90" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	3,352.82	568.26
		For Galvanized Finish, Add	*66.49*	
		For >10 To 20, Deduct	*-117.07*	
		For >20 To 40, Deduct	*-211.97*	
		For >40, Deduct	*-446.10*	
26 56 13 00-0210	EA	25' High, 7.00" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	3,505.50	568.26
		For Galvanized Finish, Add	*71.07*	
		For >10 To 20, Deduct	*-123.17*	
		For >20 To 40, Deduct	*-222.65*	
		For >40, Deduct	*-469.00*	
26 56 13 00-0211	EA	30' High, 6.60" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	3,733.45	639.30
		For Galvanized Finish, Add	*73.65*	
		For >10 To 20, Deduct	*-130.16*	
		For >20 To 40, Deduct	*-235.77*	
		For >40, Deduct	*-496.09*	
26 56 13 00-0212	EA	30' High, 8.00" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	3,988.72	639.30
		For Galvanized Finish, Add	*81.30*	
		For >10 To 20, Deduct	*-140.37*	
		For >20 To 40, Deduct	*-253.64*	
		For >40, Deduct	*-534.38*	
26 56 13 00-0213	EA	35' High, 7.30" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	4,112.24	674.81
		For Galvanized Finish, Add	*82.88*	
		For >10 To 20, Deduct	*-144.25*	
		For >20 To 40, Deduct	*-260.86*	
		For >40, Deduct	*-549.36*	
26 56 13 00-0214	EA	35' High, 8.50" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	4,269.69	674.81
		For Galvanized Finish, Add	*87.60*	
		For >10 To 20, Deduct	*-150.54*	
		For >20 To 40, Deduct	*-271.89*	
		For >40, Deduct	*-572.97*	
26 56 13 00-0215	EA	35' High, 9.50" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	4,646.63	674.81
		For Galvanized Finish, Add	*98.91*	
		For >10 To 20, Deduct	*-165.62*	
		For >20 To 40, Deduct	*-298.27*	
		For >40, Deduct	*-629.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0216	EA	39' High, 7.82" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	4,689.04	710.33
		For Galvanized Finish, Add	*98.05*	
		For >10 To 20, Deduct	*-166.25*	
		For >20 To 40, Deduct	*-299.82*	
		For >40, Deduct	*-632.32*	
26 56 13 00-0217	EA	39' High, 9.00" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	4,755.84	710.33
		For Galvanized Finish, Add	*100.06*	
		For >10 To 20, Deduct	*-168.92*	
		For >20 To 40, Deduct	*-304.50*	
		For >40, Deduct	*-642.34*	
26 56 13 00-0218	EA	45' High, 10.00" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	6,467.91	923.43
		For Galvanized Finish, Add	*138.63*	
		For >10 To 20, Deduct	*-231.01*	
		For >20 To 40, Deduct	*-415.82*	
		For >40, Deduct	*-877.84*	
26 56 13 00-0219	EA	50' High, 10.00" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	6,737.73	1,065.49
		For Galvanized Finish, Add	*138.20*	
		For >10 To 20, Deduct	*-237.54*	
		For >20 To 40, Deduct	*-429.02*	
		For >40, Deduct	*-904.11*	
26 56 13 00-0220	EA	25' High, 7.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	4,540.89	568.26
		For Galvanized Finish, Add	*102.13*	
		For >10 To 20, Deduct	*-164.59*	
		For >20 To 40, Deduct	*-295.13*	
		For >40, Deduct	*-624.31*	
26 56 13 00-0221	EA	30' High, 8.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	5,155.32	639.30
		For Galvanized Finish, Add	*116.30*	
		For >10 To 20, Deduct	*-187.03*	
		For >20 To 40, Deduct	*-335.30*	
		For >40, Deduct	*-709.37*	
26 56 13 00-0222	EA	39' High, 9.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	5,974.92	710.33
		For Galvanized Finish, Add	*136.63*	
		For >10 To 20, Deduct	*-217.69*	
		For >20 To 40, Deduct	*-389.83*	
		For >40, Deduct	*-825.21*	
26 56 13 00-0223	EA	45' High, 10.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	7,212.24	923.43
		For Galvanized Finish, Add	*160.96*	
		For >10 To 20, Deduct	*-260.79*	
		For >20 To 40, Deduct	*-467.92*	
		For >40, Deduct	*-989.49*	
26 56 13 00-0224	EA	50' High, 10.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	8,417.25	1,065.49
		For Galvanized Finish, Add	*188.59*	
		For >10 To 20, Deduct	*-304.73*	
		For >20 To 40, Deduct	*-546.59*	
		For >40, Deduct	*-1,156.04*	
26 56 13 00-0225	EA	50' High, 11.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	9,388.22	1,065.49
		For Galvanized Finish, Add	*217.72*	
		For >10 To 20, Deduct	*-343.56*	
		For >20 To 40, Deduct	*-614.56*	
		For >40, Deduct	*-1,301.68*	
26 56 13 00-0226	EA	50' High, 13.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	12,632.74	1,065.49
		For Galvanized Finish, Add	*315.05*	
		For >10 To 20, Deduct	*-473.34*	
		For >20 To 40, Deduct	*-841.67*	
		For >40, Deduct	*-1,788.36*	
26 56 13 00-0227	EA	50' High, 13.00" Base OD, 3 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	14,207.29	1,065.49
		For Galvanized Finish, Add	*362.29*	
		For >10 To 20, Deduct	*-536.33*	
		For >20 To 40, Deduct	*-951.89*	
		For >40, Deduct	*-2,024.54*	

26 56 13 00-0228 Square Straight, Steel Area Light Poles *(26 56 13 00-0178)*

26 56 13 00-0229 Square Straight, Steel Area Light Poles, Anchor Base *(26 56 13 00-0228)*

26 56 13 00-0230	EA	10' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	1,339.37	248.61
		For Galvanized Finish, Add	*25.26*	
		For >10 To 20, Deduct	*-46.12*	
		For >20 To 40, Deduct	*-83.81*	
		For >40, Deduct	*-176.04*	
26 56 13 00-0231	EA	12' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	1,410.40	284.13
		For Galvanized Finish, Add	*25.26*	
		For >10 To 20, Deduct	*-47.89*	
		For >20 To 40, Deduct	*-87.36*	
		For >40, Deduct	*-183.15*	
26 56 13 00-0232	EA	14' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	1,522.00	319.65
		For Galvanized Finish, Add	*26.48*	
		For >10 To 20, Deduct	*-51.29*	
		For >20 To 40, Deduct	*-93.75*	
		For >40, Deduct	*-196.34*	
26 56 13 00-0233	EA	15' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	1,614.77	337.41
		For Galvanized Finish, Add	*28.20*	
		For >10 To 20, Deduct	*-54.47*	
		For >20 To 40, Deduct	*-99.54*	
		For >40, Deduct	*-208.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0234	EA	16' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	1,650.29	355.16
		For Galvanized Finish, Add	*28.20*	
		For >10 To 20, Deduct	*-55.36*	
		For >20 To 40, Deduct	*-101.31*	
		For >40, Deduct	*-212.03*	
26 56 13 00-0235	EA	18' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	1,747.56	390.68
		For Galvanized Finish, Add	*28.99*	
		For >10 To 20, Deduct	*-58.18*	
		For >20 To 40, Deduct	*-106.70*	
		For >40, Deduct	*-223.07*	
26 56 13 00-0236	EA	20' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	1,840.06	426.20
		For Galvanized Finish, Add	*29.63*	
		For >10 To 20, Deduct	*-60.82*	
		For >20 To 40, Deduct	*-111.76*	
		For >40, Deduct	*-233.39*	
26 56 13 00-0237	EA	25' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	2,267.33	568.26
		For Galvanized Finish, Add	*33.92*	
		For >10 To 20, Deduct	*-73.65*	
		For >20 To 40, Deduct	*-135.98*	
		For >40, Deduct	*-283.27*	
26 56 13 00-0238	EA	20' High, 5" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	2,162.13	426.20
		For Galvanized Finish, Add	*39.29*	
		For >10 To 20, Deduct	*-73.70*	
		For >20 To 40, Deduct	*-134.30*	
		For >40, Deduct	*-281.70*	
26 56 13 00-0239	EA	25' High, 5" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	2,711.07	568.26
		For Galvanized Finish, Add	*47.24*	
		For >10 To 20, Deduct	*-91.40*	
		For >20 To 40, Deduct	*-167.04*	
		For >40, Deduct	*-349.83*	
26 56 13 00-0240	EA	30' High, 5" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	3,113.18	639.30
		For Galvanized Finish, Add	*55.04*	
		For >10 To 20, Deduct	*-105.35*	
		For >20 To 40, Deduct	*-192.35*	
		For >40, Deduct	*-403.05*	
26 56 13 00-0241	EA	20' High, 4" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	2,073.86	426.20
		For Galvanized Finish, Add	*36.64*	
		For >10 To 20, Deduct	*-70.17*	
		For >20 To 40, Deduct	*-128.12*	
		For >40, Deduct	*-268.46*	
26 56 13 00-0242	EA	25' High, 4" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	2,539.30	568.26
		For Galvanized Finish, Add	*42.08*	
		For >10 To 20, Deduct	*-84.52*	
		For >20 To 40, Deduct	*-155.02*	
		For >40, Deduct	*-324.07*	
26 56 13 00-0243	EA	30' High, 4" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	2,965.27	639.30
		For Galvanized Finish, Add	*50.60*	
		For >10 To 20, Deduct	*-99.43*	
		For >20 To 40, Deduct	*-182.00*	
		For >40, Deduct	*-380.86*	
26 56 13 00-0244	EA	20' High, 5" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	2,376.84	426.20
		For Galvanized Finish, Add	*45.73*	
		For >10 To 20, Deduct	*-82.29*	
		For >20 To 40, Deduct	*-149.33*	
		For >40, Deduct	*-313.91*	
26 56 13 00-0245	EA	25' High, 5" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	2,925.78	568.26
		For Galvanized Finish, Add	*53.68*	
		For >10 To 20, Deduct	*-99.98*	
		For >20 To 40, Deduct	*-182.07*	
		For >40, Deduct	*-382.04*	
26 56 13 00-0246	EA	30' High, 5" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	3,315.96	639.30
		For Galvanized Finish, Add	*61.12*	
		For >10 To 20, Deduct	*-113.46*	
		For >20 To 40, Deduct	*-206.55*	
		For >40, Deduct	*-433.46*	
26 56 13 00-0247	EA	35' High, 5" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	3,682.82	674.81
		For Galvanized Finish, Add	*70.00*	
		For >10 To 20, Deduct	*-127.07*	
		For >20 To 40, Deduct	*-230.81*	
		For >40, Deduct	*-484.94*	
26 56 13 00-0248	EA	30' High, 6" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	3,785.94	639.30
		For Galvanized Finish, Add	*75.22*	
		For >10 To 20, Deduct	*-132.26*	
		For >20 To 40, Deduct	*-239.44*	
		For >40, Deduct	*-503.96*	
26 56 13 00-0249	EA	35' High, 6" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	4,155.18	674.81
		For Galvanized Finish, Add	*84.17*	
		For >10 To 20, Deduct	*-145.96*	
		For >20 To 40, Deduct	*-263.87*	
		For >40, Deduct	*-555.80*	
26 56 13 00-0250	EA	40' High, 6" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	4,395.60	710.33
		For Galvanized Finish, Add	*89.25*	
		For >10 To 20, Deduct	*-154.51*	
		For >20 To 40, Deduct	*-279.28*	
		For >40, Deduct	*-588.31*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0251		Hinged, Square Straight, Steel Area Light Poles *(26 56 13 00-0178)*		
26 56 13 00-0252		Hinged, Square Straight, Steel Area Light Poles, Anchor Base *(26 56 13 00-0251)*		
26 56 13 00-0253	EA	20' High, 6.44" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	4,808.35	426.20
		For Galvanized Finish, Add	*118.68*	
		For >10 To 20, Deduct	*-179.55*	
		For >20 To 40, Deduct	*-319.54*	
		For >40, Deduct	*-678.63*	
26 56 13 00-0254	EA	25' High, 6.44" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	5,361.45	568.26
		For Galvanized Finish, Add	*126.75*	
		For >10 To 20, Deduct	*-197.41*	
		For >20 To 40, Deduct	*-352.57*	
		For >40, Deduct	*-747.39*	
26 56 13 00-0255	EA	30' High, 6.44" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	7,513.22	639.30
		For Galvanized Finish, Add	*187.04*	
		For >10 To 20, Deduct	*-281.35*	
		For >20 To 40, Deduct	*-500.35*	
		For >40, Deduct	*-1,063.05*	
26 56 13 00-0256	EA	20' High, 7.32" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	4,904.77	426.20
		For Galvanized Finish, Add	*121.57*	
		For >10 To 20, Deduct	*-183.40*	
		For >20 To 40, Deduct	*-326.29*	
		For >40, Deduct	*-693.10*	
26 56 13 00-0257	EA	25' High, 7.32" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	5,922.24	568.26
		For Galvanized Finish, Add	*143.57*	
		For >10 To 20, Deduct	*-219.84*	
		For >20 To 40, Deduct	*-391.83*	
		For >40, Deduct	*-831.51*	
26 56 13 00-0258	EA	30' High, 7.32" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	8,348.05	639.30
		For Galvanized Finish, Add	*212.08*	
		For >10 To 20, Deduct	*-314.74*	
		For >20 To 40, Deduct	*-558.79*	
		For >40, Deduct	*-1,188.28*	
26 56 13 00-0259	EA	35' High, 7.32" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	9,583.79	674.81
		For Galvanized Finish, Add	*247.03*	
		For >10 To 20, Deduct	*-363.11*	
		For >20 To 40, Deduct	*-643.87*	
		For >40, Deduct	*-1,370.09*	
26 56 13 00-0260	EA	39' High, 7.32" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	11,271.22	710.33
		For Galvanized Finish, Add	*295.52*	
		For >10 To 20, Deduct	*-429.54*	
		For >20 To 40, Deduct	*-760.57*	
		For >40, Deduct	*-1,619.65*	
26 56 13 00-0261	EA	20' High, 4" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	4,656.10	426.20
		For Galvanized Finish, Add	*114.11*	
		For >10 To 20, Deduct	*-173.46*	
		For >20 To 40, Deduct	*-308.88*	
		For >40, Deduct	*-655.80*	
26 56 13 00-0262	EA	25' High, 4" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	5,117.85	568.26
		For Galvanized Finish, Add	*119.44*	
		For >10 To 20, Deduct	*-187.67*	
		For >20 To 40, Deduct	*-335.52*	
		For >40, Deduct	*-710.85*	
26 56 13 00-0263	EA	30' High, 4" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	7,084.38	639.30
		For Galvanized Finish, Add	*174.17*	
		For >10 To 20, Deduct	*-264.20*	
		For >20 To 40, Deduct	*-470.33*	
		For >40, Deduct	*-998.73*	
26 56 13 00-0264	EA	20' High, 6.44" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	4,831.18	426.20
		For Galvanized Finish, Add	*119.36*	
		For >10 To 20, Deduct	*-180.46*	
		For >20 To 40, Deduct	*-321.13*	
		For >40, Deduct	*-682.06*	
26 56 13 00-0265	EA	25' High, 6.44" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	5,693.86	568.26
		For Galvanized Finish, Add	*136.72*	
		For >10 To 20, Deduct	*-210.71*	
		For >20 To 40, Deduct	*-375.84*	
		For >40, Deduct	*-797.25*	
26 56 13 00-0266	EA	30' High, 6.44" OD, 7 Gauge, Hinged Square Straight, Steel Area Light Pole, Anchor Base	8,030.87	639.30
		For Galvanized Finish, Add	*202.57*	
		For >10 To 20, Deduct	*-302.06*	
		For >20 To 40, Deduct	*-536.59*	
		For >40, Deduct	*-1,140.70*	
26 56 13 00-0267	EA	20' High, 7.32" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	5,100.16	426.20
		For Galvanized Finish, Add	*127.43*	
		For >10 To 20, Deduct	*-191.22*	
		For >20 To 40, Deduct	*-339.96*	
		For >40, Deduct	*-722.40*	
26 56 13 00-0268	EA	25' High, 7.32" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	6,178.52	568.26
		For Galvanized Finish, Add	*151.26*	
		For >10 To 20, Deduct	*-230.09*	
		For >20 To 40, Deduct	*-409.77*	
		For >40, Deduct	*-869.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0269	EA	30' High, 7.32" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	8,601.80	639.30
		For Galvanized Finish, Add	*219.70*	
		For >10 To 20, Deduct	*-324.89*	
		For >20 To 40, Deduct	*-576.55*	
		For >40, Deduct	*-1,226.34*	
26 56 13 00-0270	EA	35' High, 7.32" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	9,893.37	674.81
		For Galvanized Finish, Add	*256.31*	
		For >10 To 20, Deduct	*-375.49*	
		For >20 To 40, Deduct	*-665.54*	
		For >40, Deduct	*-1,416.52*	
26 56 13 00-0271	EA	39' High, 7.32" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	11,436.16	710.33
		For Galvanized Finish, Add	*300.47*	
		For >10 To 20, Deduct	*-436.14*	
		For >20 To 40, Deduct	*-772.12*	
		For >40, Deduct	*-1,644.39*	

26 56 13 00-0272 Square Tapered, Steel Area Light Poles *(26 56 13 00-0178)*

26 56 13 00-0273 Square Tapered, Steel Area Light Poles, Anchor Base *(26 56 13 00-0272)*

26 56 13 00-0274	EA	20' High, 5.25" Base OD, 11 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	3,636.48	426.20
		For Galvanized Finish, Add	*83.52*	
		For >10 To 20, Deduct	*-132.67*	
		For >20 To 40, Deduct	*-237.51*	
		For >40, Deduct	*-502.85*	
26 56 13 00-0275	EA	25' High, 6.00" Base OD, 11 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	4,412.06	568.26
		For Galvanized Finish, Add	*98.27*	
		For >10 To 20, Deduct	*-159.43*	
		For >20 To 40, Deduct	*-286.11*	
		For >40, Deduct	*-604.98*	
26 56 13 00-0276	EA	30' High, 6.41" Base OD, 11 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	4,909.59	639.30
		For Galvanized Finish, Add	*108.93*	
		For >10 To 20, Deduct	*-177.20*	
		For >20 To 40, Deduct	*-318.10*	
		For >40, Deduct	*-672.51*	
26 56 13 00-0277	EA	35' High, 6.81" Base OD, 11 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	5,450.60	674.81
		For Galvanized Finish, Add	*123.03*	
		For >10 To 20, Deduct	*-197.78*	
		For >20 To 40, Deduct	*-354.55*	
		For >40, Deduct	*-750.11*	
26 56 13 00-0278	EA	39' High, 7.18" Base OD, 11 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	5,745.90	710.33
		For Galvanized Finish, Add	*129.76*	
		For >10 To 20, Deduct	*-208.53*	
		For >20 To 40, Deduct	*-373.80*	
		For >40, Deduct	*-790.85*	
26 56 13 00-0279	EA	20' High, 5.50" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	4,707.65	426.20
		For Galvanized Finish, Add	*115.66*	
		For >10 To 20, Deduct	*-175.52*	
		For >20 To 40, Deduct	*-312.49*	
		For >40, Deduct	*-663.53*	
26 56 13 00-0280	EA	25' High, 6.41" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	5,251.82	568.26
		For Galvanized Finish, Add	*123.46*	
		For >10 To 20, Deduct	*-193.03*	
		For >20 To 40, Deduct	*-344.90*	
		For >40, Deduct	*-730.95*	
26 56 13 00-0281	EA	30' High, 6.41" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	5,596.67	639.30
		For Galvanized Finish, Add	*129.54*	
		For >10 To 20, Deduct	*-204.69*	
		For >20 To 40, Deduct	*-366.20*	
		For >40, Deduct	*-775.57*	
26 56 13 00-0282	EA	30' High, 7.13" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	6,226.49	639.30
		For Galvanized Finish, Add	*148.44*	
		For >10 To 20, Deduct	*-229.88*	
		For >20 To 40, Deduct	*-410.28*	
		For >40, Deduct	*-870.04*	
26 56 13 00-0283	EA	35' High, 7.13" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	6,750.80	674.81
		For Galvanized Finish, Add	*162.04*	
		For >10 To 20, Deduct	*-249.79*	
		For >20 To 40, Deduct	*-445.56*	
		For >40, Deduct	*-945.14*	
26 56 13 00-0284	EA	35' High, 7.88" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	7,530.92	674.81
		For Galvanized Finish, Add	*185.44*	
		For >10 To 20, Deduct	*-280.99*	
		For >20 To 40, Deduct	*-500.17*	
		For >40, Deduct	*-1,062.16*	
26 56 13 00-0285	EA	39' High, 7.13" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	6,857.62	710.33
		For Galvanized Finish, Add	*163.11*	
		For >10 To 20, Deduct	*-252.99*	
		For >20 To 40, Deduct	*-451.62*	
		For >40, Deduct	*-957.61*	
26 56 13 00-0286	EA	39' High, 8.75" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	8,778.10	710.33
		For Galvanized Finish, Add	*220.72*	
		For >10 To 20, Deduct	*-329.81*	
		For >20 To 40, Deduct	*-586.05*	
		For >40, Deduct	*-1,245.68*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0287		EA	45' High, 7.88" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	8,092.56	923.43
			For Galvanized Finish, Add	*187.37*	
			For >10 To 20, Deduct	*-296.00*	
			For >20 To 40, Deduct	*-529.54*	
			For >40, Deduct	*-1,121.54*	
26 56 13 00-0288		EA	45' High, 8.75" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	9,402.30	923.43
			For Galvanized Finish, Add	*226.66*	
			For >10 To 20, Deduct	*-348.39*	
			For >20 To 40, Deduct	*-621.22*	
			For >40, Deduct	*-1,318.00*	
26 56 13 00-0289		EA	50' High, 8.81" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	9,753.23	1,065.49
			For Galvanized Finish, Add	*228.67*	
			For >10 To 20, Deduct	*-358.16*	
			For >20 To 40, Deduct	*-640.11*	
			For >40, Deduct	*-1,356.44*	

26 56 13 00-0290 Factory Accessories For Steel Area Light Poles *(26 56 13 00-0178)*

26 56 13 00-0291		EA	1/2", 3/4" Or 1" Factory Threaded Pipe Coupling Or Nipple For Steel Area Light Poles	84.58	
26 56 13 00-0292		EA	Extra Handhole For Steel Area Light Poles	125.79	
26 56 13 00-0293		EA	Vibration Dampener For Steel Area Light Poles	127.96	

26 56 13 00-0294 Aluminum Area Light Poles *(26 56 13 00-0177)*

Note: Includes satin brushed or painted finish, anchor bolts, base cover, reinforced handhole with cover and grounding provisions, factory drilled fixture mounting holes and tenon, open or capped top.

26 56 13 00-0295 Round Straight, Aluminum Area Light Poles *(26 56 13 00-0294)*

26 56 13 00-0296 Round Straight, Aluminum Area Light Poles, Anchor Base *(26 56 13 00-0295)*

26 56 13 00-0297		EA	8' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base	807.62	213.10
			For Bronze Or Satin Anodized Finish, Add	*38.14*	
			For Black Anodized Finish, Add	*76.28*	
			For >10 To 20, Deduct	*-25.91*	
			For >20 To 40, Deduct	*-48.01*	
			For >40, Deduct	*-99.83*	
26 56 13 00-0298		EA	10' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base	898.21	248.61
			For Bronze Or Satin Anodized Finish, Add	*40.10*	
			For Black Anodized Finish, Add	*80.20*	
			For >10 To 20, Deduct	*-28.47*	
			For >20 To 40, Deduct	*-52.93*	
			For >40, Deduct	*-109.87*	
26 56 13 00-0299		EA	12' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base	993.69	284.13
			For Bronze Or Satin Anodized Finish, Add	*42.54*	
			For Black Anodized Finish, Add	*85.09*	
			For >10 To 20, Deduct	*-31.22*	
			For >20 To 40, Deduct	*-58.19*	
			For >40, Deduct	*-120.64*	
26 56 13 00-0300		EA	14' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base	1,090.16	319.65
			For Bronze Or Satin Anodized Finish, Add	*45.09*	
			For Black Anodized Finish, Add	*90.17*	
			For >10 To 20, Deduct	*-34.02*	
			For >20 To 40, Deduct	*-63.53*	
			For >40, Deduct	*-131.56*	
26 56 13 00-0301		EA	15' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base	1,142.30	337.41
			For Bronze Or Satin Anodized Finish, Add	*46.75*	
			For Black Anodized Finish, Add	*93.50*	
			For >10 To 20, Deduct	*-35.57*	
			For >20 To 40, Deduct	*-66.46*	
			For >40, Deduct	*-137.60*	
26 56 13 00-0302		EA	16' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base	1,193.47	355.16
			For Bronze Or Satin Anodized Finish, Add	*48.31*	
			For Black Anodized Finish, Add	*96.63*	
			For >10 To 20, Deduct	*-37.08*	
			For >20 To 40, Deduct	*-69.34*	
			For >40, Deduct	*-143.50*	
26 56 13 00-0303		EA	16' High, 4" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base	1,252.15	355.16
			For Bronze Or Satin Anodized Finish, Add	*54.18*	
			For Black Anodized Finish, Add	*108.36*	
			For >10 To 20, Deduct	*-39.43*	
			For >20 To 40, Deduct	*-73.44*	
			For >40, Deduct	*-152.31*	
26 56 13 00-0304		EA	18' High, 4" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base	1,360.34	390.68
			For Bronze Or Satin Anodized Finish, Add	*57.90*	
			For Black Anodized Finish, Add	*115.80*	
			For >10 To 20, Deduct	*-42.69*	
			For >20 To 40, Deduct	*-79.60*	
			For >40, Deduct	*-164.98*	
26 56 13 00-0305		EA	20' High, 4" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base	1,462.67	426.20
			For Bronze Or Satin Anodized Finish, Add	*61.03*	
			For Black Anodized Finish, Add	*122.06*	
			For >10 To 20, Deduct	*-45.72*	
			For >20 To 40, Deduct	*-85.34*	
			For >40, Deduct	*-176.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0306	EA	15' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base	1,358.44	337.41
		For Bronze Or Satin Anodized Finish, Add	*68.36*	
		For Black Anodized Finish, Add	*136.73*	
		For >10 To 20, Deduct	*-44.22*	
		For >20 To 40, Deduct	*-81.59*	
		For >40, Deduct	*-170.03*	
26 56 13 00-0307	EA	20' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base	1,678.81	426.20
		For Bronze Or Satin Anodized Finish, Add	*82.64*	
		For Black Anodized Finish, Add	*165.28*	
		For >10 To 20, Deduct	*-54.37*	
		For >20 To 40, Deduct	*-100.47*	
		For >40, Deduct	*-209.20*	
26 56 13 00-0308	EA	20' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base	1,788.35	426.20
		For Bronze Or Satin Anodized Finish, Add	*93.60*	
		For Black Anodized Finish, Add	*187.19*	
		For >10 To 20, Deduct	*-58.75*	
		For >20 To 40, Deduct	*-108.14*	
		For >40, Deduct	*-225.63*	
26 56 13 00-0309	EA	25' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base	2,175.17	568.26
		For Bronze Or Satin Anodized Finish, Add	*103.87*	
		For Black Anodized Finish, Add	*207.73*	
		For >10 To 20, Deduct	*-69.96*	
		For >20 To 40, Deduct	*-129.53*	
		For >40, Deduct	*-269.45*	
26 56 13 00-0310	EA	30' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base	2,511.86	639.30
		For Bronze Or Satin Anodized Finish, Add	*123.33*	
		For Black Anodized Finish, Add	*246.65*	
		For >10 To 20, Deduct	*-81.30*	
		For >20 To 40, Deduct	*-150.26*	
		For >40, Deduct	*-312.85*	
26 56 13 00-0311	EA	20' High, 4" OD, 0.250", Round Straight, Aluminum Area Light Pole, Anchor Base	1,530.15	426.20
		For Bronze Or Satin Anodized Finish, Add	*67.78*	
		For Black Anodized Finish, Add	*135.55*	
		For >10 To 20, Deduct	*-48.42*	
		For >20 To 40, Deduct	*-90.06*	
		For >40, Deduct	*-186.90*	
26 56 13 00-0312	EA	20' High, 5" OD, 0.250", Round Straight, Aluminum Area Light Pole, Anchor Base	1,779.54	426.20
		For Bronze Or Satin Anodized Finish, Add	*92.72*	
		For Black Anodized Finish, Add	*185.43*	
		For >10 To 20, Deduct	*-58.40*	
		For >20 To 40, Deduct	*-107.52*	
		For >40, Deduct	*-224.31*	
26 56 13 00-0313	EA	25' High, 5" OD, 0.250", Round Straight, Aluminum Area Light Pole, Anchor Base	2,159.52	568.26
		For Bronze Or Satin Anodized Finish, Add	*102.30*	
		For Black Anodized Finish, Add	*204.60*	
		For >10 To 20, Deduct	*-69.33*	
		For >20 To 40, Deduct	*-128.44*	
		For >40, Deduct	*-267.10*	
26 56 13 00-0314	EA	25' High, 6" OD, 0.250", Round Straight, Aluminum Area Light Pole, Anchor Base	2,301.33	568.26
		For Bronze Or Satin Anodized Finish, Add	*116.48*	
		For Black Anodized Finish, Add	*232.96*	
		For >10 To 20, Deduct	*-75.01*	
		For >20 To 40, Deduct	*-138.36*	
		For >40, Deduct	*-288.37*	
26 56 13 00-0315	EA	30' High, 6" OD, 0.250", Round Straight, Aluminum Area Light Pole, Anchor Base	2,672.25	639.30
		For Bronze Or Satin Anodized Finish, Add	*139.37*	
		For Black Anodized Finish, Add	*278.73*	
		For >10 To 20, Deduct	*-87.71*	
		For >20 To 40, Deduct	*-161.49*	
		For >40, Deduct	*-336.91*	

26 56 13 00-0316 Round Straight, Aluminum Area Light Poles, Hinged Anchor Base *(26 56 13 00-0295)*

26 56 13 00-0317	EA	8' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	907.38	213.10
		For Bronze, Satin Or Black Anodized Finish, Add	*72.18*	
		For >10 To 20, Deduct	*-29.90*	
		For >20 To 40, Deduct	*-54.99*	
		For >40, Deduct	*-114.80*	
26 56 13 00-0318	EA	10' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,017.53	248.61
		For Bronze, Satin Or Black Anodized Finish, Add	*78.05*	
		For >10 To 20, Deduct	*-33.24*	
		For >20 To 40, Deduct	*-61.28*	
		For >40, Deduct	*-127.77*	
26 56 13 00-0319	EA	12' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,123.77	284.13
		For Bronze, Satin Or Black Anodized Finish, Add	*83.33*	
		For >10 To 20, Deduct	*-36.43*	
		For >20 To 40, Deduct	*-67.30*	
		For >40, Deduct	*-140.15*	
26 56 13 00-0320	EA	14' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,211.44	319.65
		For Bronze, Satin Or Black Anodized Finish, Add	*85.82*	
		For >10 To 20, Deduct	*-38.87*	
		For >20 To 40, Deduct	*-72.01*	
		For >40, Deduct	*-149.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0321	EA	16' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,310.83	355.16
		For Bronze, Satin Or Black Anodized Finish, Add	*90.08*	
		For >10 To 20, Deduct	*-41.78*	
		For >20 To 40, Deduct	*-77.55*	
		For >40, Deduct	*-161.11*	
26 56 13 00-0322	EA	10' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,038.07	248.61
		For Bronze, Satin Or Black Anodized Finish, Add	*81.13*	
		For >10 To 20, Deduct	*-34.06*	
		For >20 To 40, Deduct	*-62.72*	
		For >40, Deduct	*-130.85*	
26 56 13 00-0323	EA	12' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,142.35	284.13
		For Bronze, Satin Or Black Anodized Finish, Add	*86.11*	
		For >10 To 20, Deduct	*-37.17*	
		For >20 To 40, Deduct	*-68.60*	
		For >40, Deduct	*-142.94*	
26 56 13 00-0324	EA	14' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,249.58	319.65
		For Bronze, Satin Or Black Anodized Finish, Add	*91.54*	
		For >10 To 20, Deduct	*-40.39*	
		For >20 To 40, Deduct	*-74.68*	
		For >40, Deduct	*-155.47*	
26 56 13 00-0325	EA	16' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,355.82	355.16
		For Bronze, Satin Or Black Anodized Finish, Add	*96.82*	
		For >10 To 20, Deduct	*-43.58*	
		For >20 To 40, Deduct	*-80.70*	
		For >40, Deduct	*-167.86*	
26 56 13 00-0326	EA	18' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,466.94	390.68
		For Bronze, Satin Or Black Anodized Finish, Add	*102.84*	
		For >10 To 20, Deduct	*-46.96*	
		For >20 To 40, Deduct	*-87.06*	
		For >40, Deduct	*-180.97*	
26 56 13 00-0327	EA	20' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,572.21	426.20
		For Bronze, Satin Or Black Anodized Finish, Add	*107.97*	
		For >10 To 20, Deduct	*-50.10*	
		For >20 To 40, Deduct	*-93.01*	
		For >40, Deduct	*-193.21*	
26 56 13 00-0328	EA	12' High, 5" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,180.49	284.13
		For Bronze, Satin Or Black Anodized Finish, Add	*91.83*	
		For >10 To 20, Deduct	*-38.70*	
		For >20 To 40, Deduct	*-71.27*	
		For >40, Deduct	*-148.66*	
26 56 13 00-0329	EA	14' High, 5" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,294.57	319.65
		For Bronze, Satin Or Black Anodized Finish, Add	*98.29*	
		For >10 To 20, Deduct	*-42.19*	
		For >20 To 40, Deduct	*-77.83*	
		For >40, Deduct	*-162.22*	
26 56 13 00-0330	EA	16' High, 5" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,407.65	355.16
		For Bronze, Satin Or Black Anodized Finish, Add	*104.60*	
		For >10 To 20, Deduct	*-45.65*	
		For >20 To 40, Deduct	*-84.33*	
		For >40, Deduct	*-175.63*	
26 56 13 00-0331	EA	18' High, 5" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,522.69	390.68
		For Bronze, Satin Or Black Anodized Finish, Add	*111.20*	
		For >10 To 20, Deduct	*-49.19*	
		For >20 To 40, Deduct	*-90.96*	
		For >40, Deduct	*-189.34*	
26 56 13 00-0332	EA	16' High, 6" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,462.42	355.16
		For Bronze, Satin Or Black Anodized Finish, Add	*112.81*	
		For >10 To 20, Deduct	*-47.84*	
		For >20 To 40, Deduct	*-88.16*	
		For >40, Deduct	*-183.85*	
26 56 13 00-0333	EA	20' High, 6" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,700.32	426.20
		For Bronze, Satin Or Black Anodized Finish, Add	*127.19*	
		For >10 To 20, Deduct	*-55.23*	
		For >20 To 40, Deduct	*-101.97*	
		For >40, Deduct	*-212.43*	
26 56 13 00-0334	EA	12' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,216.68	284.13
		For Bronze, Satin Or Black Anodized Finish, Add	*97.26*	
		For >10 To 20, Deduct	*-40.14*	
		For >20 To 40, Deduct	*-73.80*	
		For >40, Deduct	*-154.09*	
26 56 13 00-0335	EA	14' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,341.51	319.65
		For Bronze, Satin Or Black Anodized Finish, Add	*105.33*	
		For >10 To 20, Deduct	*-44.07*	
		For >20 To 40, Deduct	*-81.12*	
		For >40, Deduct	*-169.26*	
26 56 13 00-0336	EA	16' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,456.55	355.16
		For Bronze, Satin Or Black Anodized Finish, Add	*111.93*	
		For >10 To 20, Deduct	*-47.61*	
		For >20 To 40, Deduct	*-87.75*	
		For >40, Deduct	*-182.97*	
26 56 13 00-0337	EA	18' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,577.46	390.68
		For Bronze, Satin Or Black Anodized Finish, Add	*119.42*	
		For >10 To 20, Deduct	*-51.38*	
		For >20 To 40, Deduct	*-94.80*	
		For >40, Deduct	*-197.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0338	EA	20' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,695.43	426.20
		For Bronze, Satin Or Black Anodized Finish, Add	*126.46*	
		For >10 To 20, Deduct	*-55.03*	
		For >20 To 40, Deduct	*-101.63*	
		For >40, Deduct	*-211.70*	
26 56 13 00-0339	EA	16' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,527.95	355.16
		For Bronze, Satin Or Black Anodized Finish, Add	*122.64*	
		For >10 To 20, Deduct	*-50.46*	
		For >20 To 40, Deduct	*-92.75*	
		For >40, Deduct	*-193.68*	
26 56 13 00-0340	EA	18' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,657.66	390.68
		For Bronze, Satin Or Black Anodized Finish, Add	*131.45*	
		For >10 To 20, Deduct	*-54.59*	
		For >20 To 40, Deduct	*-100.41*	
		For >40, Deduct	*-209.58*	
26 56 13 00-0341	EA	20' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,725.75	426.20
		For Bronze, Satin Or Black Anodized Finish, Add	*131.00*	
		For >10 To 20, Deduct	*-56.24*	
		For >20 To 40, Deduct	*-103.75*	
		For >40, Deduct	*-216.24*	

26 56 13 00-0342 Round Straight, Aluminum Area Light Poles, Direct Burial *(26 56 13 00-0295)*

Note: Includes rubberized undercoating on embedded portion.

26 56 13 00-0343	EA	10' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Direct Burial	715.07	177.58
		For Bronze Or Satin Anodized Finish, Add	*35.99*	
		For Black Anodized Finish, Add	*71.98*	
		For >10 To 20, Deduct	*-23.28*	
		For >20 To 40, Deduct	*-42.95*	
		For >40, Deduct	*-89.50*	
26 56 13 00-0344	EA	12' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Direct Burial	769.17	195.34
		For Bronze Or Satin Anodized Finish, Add	*37.85*	
		For Black Anodized Finish, Add	*75.70*	
		For >10 To 20, Deduct	*-24.91*	
		For >20 To 40, Deduct	*-46.03*	
		For >40, Deduct	*-95.84*	
26 56 13 00-0345	EA	14' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Direct Burial	848.70	213.10
		For Bronze Or Satin Anodized Finish, Add	*42.25*	
		For Black Anodized Finish, Add	*84.50*	
		For >10 To 20, Deduct	*-27.56*	
		For >20 To 40, Deduct	*-50.89*	
		For >40, Deduct	*-106.00*	
26 56 13 00-0346	EA	15' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Direct Burial	871.19	213.10
		For Bronze Or Satin Anodized Finish, Add	*44.50*	
		For Black Anodized Finish, Add	*89.00*	
		For >10 To 20, Deduct	*-28.45*	
		For >20 To 40, Deduct	*-52.46*	
		For >40, Deduct	*-109.37*	
26 56 13 00-0347	EA	16' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Direct Burial	899.56	213.10
		For Bronze Or Satin Anodized Finish, Add	*47.34*	
		For Black Anodized Finish, Add	*94.67*	
		For >10 To 20, Deduct	*-29.59*	
		For >20 To 40, Deduct	*-54.45*	
		For >40, Deduct	*-113.62*	
26 56 13 00-0348	EA	18' High, 4" OD, 0.188", Round Straight, Aluminum Area Light Pole, Direct Burial	1,021.13	230.86
		For Bronze Or Satin Anodized Finish, Add	*55.94*	
		For Black Anodized Finish, Add	*111.88*	
		For >10 To 20, Deduct	*-33.92*	
		For >20 To 40, Deduct	*-62.24*	
		For >40, Deduct	*-130.08*	
26 56 13 00-0349	EA	20' High, 4" OD, 0.188", Round Straight, Aluminum Area Light Pole, Direct Burial	1,092.84	248.61
		For Bronze Or Satin Anodized Finish, Add	*59.56*	
		For Black Anodized Finish, Add	*119.12*	
		For >10 To 20, Deduct	*-36.26*	
		For >20 To 40, Deduct	*-66.55*	
		For >40, Deduct	*-139.06*	
26 56 13 00-0350	EA	20' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Direct Burial	1,244.43	248.61
		For Bronze Or Satin Anodized Finish, Add	*74.72*	
		For Black Anodized Finish, Add	*149.44*	
		For >10 To 20, Deduct	*-42.32*	
		For >20 To 40, Deduct	*-77.17*	
		For >40, Deduct	*-161.80*	
26 56 13 00-0351	EA	25' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Direct Burial	1,510.08	284.13
		For Bronze Or Satin Anodized Finish, Add	*94.18*	
		For Black Anodized Finish, Add	*188.36*	
		For >10 To 20, Deduct	*-51.88*	
		For >20 To 40, Deduct	*-94.34*	
		For >40, Deduct	*-198.10*	
26 56 13 00-0352	EA	30' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Direct Burial	1,712.18	319.65
		For Bronze Or Satin Anodized Finish, Add	*107.29*	
		For Black Anodized Finish, Add	*214.58*	
		For >10 To 20, Deduct	*-58.90*	
		For >20 To 40, Deduct	*-107.07*	
		For >40, Deduct	*-224.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0353	EA	30' High, 6" OD, 0.250", Round Straight, Aluminum Area Light Pole, Direct Burial	1,891.15	319.65
		For Bronze Or Satin Anodized Finish, Add	*125.19*	
		For Black Anodized Finish, Add	*250.37*	
		For >10 To 20, Deduct	*-66.06*	
		For >20 To 40, Deduct	*-119.59*	
		For >40, Deduct	*-251.71*	
26 56 13 00-0354		Round Tapered, Aluminum Area Light Poles *(26 56 13 00-0294)*		
26 56 13 00-0355		Round Tapered, Aluminum Area Light Poles, Anchor Base *(26 56 13 00-0354)*		
26 56 13 00-0356	EA	8' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	702.98	213.10
		For Bronze Or Satin Anodized Finish, Add	*27.68*	
		For Black Anodized Finish, Add	*55.36*	
		For >10 To 20, Deduct	*-21.73*	
		For >20 To 40, Deduct	*-40.68*	
		For >40, Deduct	*-84.14*	
26 56 13 00-0357	EA	10' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	796.50	248.61
		For Bronze Or Satin Anodized Finish, Add	*29.93*	
		For Black Anodized Finish, Add	*59.85*	
		For >10 To 20, Deduct	*-24.40*	
		For >20 To 40, Deduct	*-45.81*	
		For >40, Deduct	*-94.61*	
26 56 13 00-0358	EA	12' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	890.03	284.13
		For Bronze Or Satin Anodized Finish, Add	*32.18*	
		For Black Anodized Finish, Add	*64.35*	
		For >10 To 20, Deduct	*-27.08*	
		For >20 To 40, Deduct	*-50.94*	
		For >40, Deduct	*-105.09*	
26 56 13 00-0359	EA	14' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	992.36	319.65
		For Bronze Or Satin Anodized Finish, Add	*35.31*	
		For Black Anodized Finish, Add	*70.61*	
		For >10 To 20, Deduct	*-30.10*	
		For >20 To 40, Deduct	*-56.68*	
		For >40, Deduct	*-116.89*	
26 56 13 00-0360	EA	16' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,093.71	355.16
		For Bronze Or Satin Anodized Finish, Add	*38.34*	
		For Black Anodized Finish, Add	*76.68*	
		For >10 To 20, Deduct	*-33.09*	
		For >20 To 40, Deduct	*-62.35*	
		For >40, Deduct	*-128.54*	
26 56 13 00-0361	EA	10' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	821.93	248.61
		For Bronze Or Satin Anodized Finish, Add	*32.47*	
		For Black Anodized Finish, Add	*64.94*	
		For >10 To 20, Deduct	*-25.42*	
		For >20 To 40, Deduct	*-47.59*	
		For >40, Deduct	*-98.43*	
26 56 13 00-0362	EA	12' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	930.12	284.13
		For Bronze Or Satin Anodized Finish, Add	*36.19*	
		For Black Anodized Finish, Add	*72.37*	
		For >10 To 20, Deduct	*-28.68*	
		For >20 To 40, Deduct	*-53.74*	
		For >40, Deduct	*-111.11*	
26 56 13 00-0363	EA	14' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,035.39	319.65
		For Bronze Or Satin Anodized Finish, Add	*39.61*	
		For Black Anodized Finish, Add	*79.22*	
		For >10 To 20, Deduct	*-31.83*	
		For >20 To 40, Deduct	*-59.69*	
		For >40, Deduct	*-123.34*	
26 56 13 00-0364	EA	18' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,239.07	390.68
		For Bronze Or Satin Anodized Finish, Add	*45.77*	
		For Black Anodized Finish, Add	*91.54*	
		For >10 To 20, Deduct	*-37.84*	
		For >20 To 40, Deduct	*-71.11*	
		For >40, Deduct	*-146.79*	
26 56 13 00-0365	EA	20' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,334.55	426.20
		For Bronze Or Satin Anodized Finish, Add	*48.22*	
		For Black Anodized Finish, Add	*96.43*	
		For >10 To 20, Deduct	*-40.60*	
		For >20 To 40, Deduct	*-76.37*	
		For >40, Deduct	*-157.56*	
26 56 13 00-0366	EA	12' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	966.31	284.13
		For Bronze Or Satin Anodized Finish, Add	*39.81*	
		For Black Anodized Finish, Add	*79.61*	
		For >10 To 20, Deduct	*-30.13*	
		For >20 To 40, Deduct	*-56.28*	
		For >40, Deduct	*-116.53*	
26 56 13 00-0367	EA	14' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,077.45	319.65
		For Bronze Or Satin Anodized Finish, Add	*43.82*	
		For Black Anodized Finish, Add	*87.63*	
		For >10 To 20, Deduct	*-33.51*	
		For >20 To 40, Deduct	*-62.64*	
		For >40, Deduct	*-129.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0368	EA	16' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,195.42	355.16
		For Bronze Or Satin Anodized Finish, Add	*48.51*	
		For Black Anodized Finish, Add	*97.02*	
		For >10 To 20, Deduct	*-37.16*	
		For >20 To 40, Deduct	*-69.47*	
		For >40, Deduct	*-143.80*	
26 56 13 00-0369	EA	18' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,295.79	390.68
		For Bronze Or Satin Anodized Finish, Add	*51.44*	
		For Black Anodized Finish, Add	*102.89*	
		For >10 To 20, Deduct	*-40.11*	
		For >20 To 40, Deduct	*-75.08*	
		For >40, Deduct	*-155.30*	
26 56 13 00-0370	EA	20' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,409.86	426.20
		For Bronze Or Satin Anodized Finish, Add	*55.75*	
		For Black Anodized Finish, Add	*111.49*	
		For >10 To 20, Deduct	*-43.61*	
		For >20 To 40, Deduct	*-81.64*	
		For >40, Deduct	*-168.86*	
26 56 13 00-0371	EA	16' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,291.27	355.16
		For Bronze Or Satin Anodized Finish, Add	*58.09*	
		For Black Anodized Finish, Add	*116.19*	
		For >10 To 20, Deduct	*-41.00*	
		For >20 To 40, Deduct	*-76.18*	
		For >40, Deduct	*-158.17*	
26 56 13 00-0372	EA	18' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,418.04	390.68
		For Bronze Or Satin Anodized Finish, Add	*63.67*	
		For Black Anodized Finish, Add	*127.34*	
		For >10 To 20, Deduct	*-45.00*	
		For >20 To 40, Deduct	*-83.64*	
		For >40, Deduct	*-173.64*	
26 56 13 00-0373	EA	20' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,504.72	426.20
		For Bronze Or Satin Anodized Finish, Add	*65.23*	
		For Black Anodized Finish, Add	*130.47*	
		For >10 To 20, Deduct	*-47.40*	
		For >20 To 40, Deduct	*-88.28*	
		For >40, Deduct	*-183.09*	
26 56 13 00-0374	EA	23' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,733.84	497.23
		For Bronze Or Satin Anodized Finish, Add	*73.94*	
		For Black Anodized Finish, Add	*147.88*	
		For >10 To 20, Deduct	*-54.44*	
		For >20 To 40, Deduct	*-101.48*	
		For >40, Deduct	*-210.35*	
26 56 13 00-0375	EA	25' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,968.81	568.26
		For Bronze Or Satin Anodized Finish, Add	*83.23*	
		For Black Anodized Finish, Add	*166.46*	
		For >10 To 20, Deduct	*-61.70*	
		For >20 To 40, Deduct	*-115.09*	
		For >40, Deduct	*-238.50*	
26 56 13 00-0376	EA	18' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,513.89	390.68
		For Bronze Or Satin Anodized Finish, Add	*73.25*	
		For Black Anodized Finish, Add	*146.51*	
		For >10 To 20, Deduct	*-48.84*	
		For >20 To 40, Deduct	*-90.35*	
		For >40, Deduct	*-188.02*	
26 56 13 00-0377	EA	20' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,621.11	426.20
		For Bronze Or Satin Anodized Finish, Add	*76.87*	
		For Black Anodized Finish, Add	*153.74*	
		For >10 To 20, Deduct	*-52.06*	
		For >20 To 40, Deduct	*-96.43*	
		For >40, Deduct	*-200.55*	
26 56 13 00-0378	EA	23' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,825.77	497.23
		For Bronze Or Satin Anodized Finish, Add	*83.13*	
		For Black Anodized Finish, Add	*166.26*	
		For >10 To 20, Deduct	*-58.11*	
		For >20 To 40, Deduct	*-107.91*	
		For >40, Deduct	*-224.14*	
26 56 13 00-0379	EA	25' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,039.22	568.26
		For Bronze Or Satin Anodized Finish, Add	*90.27*	
		For Black Anodized Finish, Add	*180.54*	
		For >10 To 20, Deduct	*-64.52*	
		For >20 To 40, Deduct	*-120.02*	
		For >40, Deduct	*-249.06*	
26 56 13 00-0380	EA	28' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,189.48	603.78
		For Bronze Or Satin Anodized Finish, Add	*98.19*	
		For Black Anodized Finish, Add	*196.38*	
		For >10 To 20, Deduct	*-69.47*	
		For >20 To 40, Deduct	*-129.11*	
		For >40, Deduct	*-268.04*	
26 56 13 00-0381	EA	30' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,341.69	639.30
		For Bronze Or Satin Anodized Finish, Add	*106.31*	
		For Black Anodized Finish, Add	*212.62*	
		For >10 To 20, Deduct	*-74.49*	
		For >20 To 40, Deduct	*-138.35*	
		For >40, Deduct	*-287.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0382	EA	23' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,916.72	497.23
		For Bronze Or Satin Anodized Finish, Add	*92.23*	
		For Black Anodized Finish, Add	*184.45*	
		For >10 To 20, Deduct	*-61.75*	
		For >20 To 40, Deduct	*-114.28*	
		For >40, Deduct	*-237.79*	
26 56 13 00-0383	EA	25' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,099.86	568.26
		For Bronze Or Satin Anodized Finish, Add	*96.33*	
		For Black Anodized Finish, Add	*192.67*	
		For >10 To 20, Deduct	*-66.95*	
		For >20 To 40, Deduct	*-124.26*	
		For >40, Deduct	*-258.15*	
26 56 13 00-0384	EA	28' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,255.01	603.78
		For Bronze Or Satin Anodized Finish, Add	*104.75*	
		For Black Anodized Finish, Add	*209.49*	
		For >10 To 20, Deduct	*-72.09*	
		For >20 To 40, Deduct	*-133.70*	
		For >40, Deduct	*-277.87*	
26 56 13 00-0385	EA	30' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,443.40	639.30
		For Bronze Or Satin Anodized Finish, Add	*116.48*	
		For Black Anodized Finish, Add	*232.96*	
		For >10 To 20, Deduct	*-78.56*	
		For >20 To 40, Deduct	*-145.47*	
		For >40, Deduct	*-302.58*	
26 56 13 00-0386	EA	33' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,522.93	657.05
		For Bronze Or Satin Anodized Finish, Add	*120.88*	
		For Black Anodized Finish, Add	*241.76*	
		For >10 To 20, Deduct	*-81.21*	
		For >20 To 40, Deduct	*-150.32*	
		For >40, Deduct	*-312.73*	
26 56 13 00-0387	EA	35' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,676.78	674.81
		For Bronze Or Satin Anodized Finish, Add	*132.72*	
		For Black Anodized Finish, Add	*265.43*	
		For >10 To 20, Deduct	*-86.83*	
		For >20 To 40, Deduct	*-160.38*	
		For >40, Deduct	*-334.04*	
26 56 13 00-0388	EA	12' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,006.41	284.13
		For Bronze Or Satin Anodized Finish, Add	*43.82*	
		For Black Anodized Finish, Add	*87.63*	
		For >10 To 20, Deduct	*-31.73*	
		For >20 To 40, Deduct	*-59.08*	
		For >40, Deduct	*-122.55*	
26 56 13 00-0389	EA	14' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,124.39	319.65
		For Bronze Or Satin Anodized Finish, Add	*48.51*	
		For Black Anodized Finish, Add	*97.02*	
		For >10 To 20, Deduct	*-35.39*	
		For >20 To 40, Deduct	*-65.92*	
		For >40, Deduct	*-136.69*	
26 56 13 00-0390	EA	16' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,246.28	355.16
		For Bronze Or Satin Anodized Finish, Add	*53.60*	
		For Black Anodized Finish, Add	*107.19*	
		For >10 To 20, Deduct	*-39.20*	
		For >20 To 40, Deduct	*-73.03*	
		For >40, Deduct	*-151.43*	
26 56 13 00-0391	EA	18' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,357.41	390.68
		For Bronze Or Satin Anodized Finish, Add	*57.61*	
		For Black Anodized Finish, Add	*115.21*	
		For >10 To 20, Deduct	*-42.58*	
		For >20 To 40, Deduct	*-79.39*	
		For >40, Deduct	*-164.54*	
26 56 13 00-0392	EA	20' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,467.56	426.20
		For Bronze Or Satin Anodized Finish, Add	*61.52*	
		For Black Anodized Finish, Add	*123.03*	
		For >10 To 20, Deduct	*-45.92*	
		For >20 To 40, Deduct	*-85.68*	
		For >40, Deduct	*-177.51*	
26 56 13 00-0393	EA	16' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,352.88	355.16
		For Bronze Or Satin Anodized Finish, Add	*64.26*	
		For Black Anodized Finish, Add	*128.51*	
		For >10 To 20, Deduct	*-43.46*	
		For >20 To 40, Deduct	*-80.50*	
		For >40, Deduct	*-167.42*	
26 56 13 00-0394	EA	18' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,482.59	390.68
		For Bronze Or Satin Anodized Finish, Add	*70.12*	
		For Black Anodized Finish, Add	*140.25*	
		For >10 To 20, Deduct	*-47.58*	
		For >20 To 40, Deduct	*-88.15*	
		For >40, Deduct	*-183.32*	
26 56 13 00-0395	EA	20' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,581.99	426.20
		For Bronze Or Satin Anodized Finish, Add	*72.96*	
		For Black Anodized Finish, Add	*145.92*	
		For >10 To 20, Deduct	*-50.49*	
		For >20 To 40, Deduct	*-93.69*	
		For >40, Deduct	*-194.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0396	EA	23' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,806.21	497.23
		For Bronze Or Satin Anodized Finish, Add	*81.18*	
		For Black Anodized Finish, Add	*162.35*	
		For >10 To 20, Deduct	*-57.33*	
		For >20 To 40, Deduct	*-106.55*	
		For >40, Deduct	*-221.21*	
26 56 13 00-0397	EA	25' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,036.29	568.26
		For Bronze Or Satin Anodized Finish, Add	*89.98*	
		For Black Anodized Finish, Add	*179.95*	
		For >10 To 20, Deduct	*-64.40*	
		For >20 To 40, Deduct	*-119.81*	
		For >40, Deduct	*-248.62*	
26 56 13 00-0398	EA	23' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,027.24	497.23
		For Bronze Or Satin Anodized Finish, Add	*103.28*	
		For Black Anodized Finish, Add	*206.56*	
		For >10 To 20, Deduct	*-66.17*	
		For >20 To 40, Deduct	*-122.02*	
		For >40, Deduct	*-254.36*	
26 56 13 00-0399	EA	25' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,246.56	568.26
		For Bronze Or Satin Anodized Finish, Add	*111.00*	
		For Black Anodized Finish, Add	*222.01*	
		For >10 To 20, Deduct	*-72.81*	
		For >20 To 40, Deduct	*-134.53*	
		For >40, Deduct	*-280.16*	
26 56 13 00-0400	EA	28' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,413.45	603.78
		For Bronze Or Satin Anodized Finish, Add	*120.59*	
		For Black Anodized Finish, Add	*241.18*	
		For >10 To 20, Deduct	*-78.42*	
		For >20 To 40, Deduct	*-144.79*	
		For >40, Deduct	*-301.64*	
26 56 13 00-0401	EA	30' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,563.70	639.30
		For Bronze Or Satin Anodized Finish, Add	*128.51*	
		For Black Anodized Finish, Add	*257.02*	
		For >10 To 20, Deduct	*-83.37*	
		For >20 To 40, Deduct	*-153.89*	
		For >40, Deduct	*-320.63*	
26 56 13 00-0402	EA	33' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,694.08	657.05
		For Bronze Or Satin Anodized Finish, Add	*138.00*	
		For Black Anodized Finish, Add	*275.99*	
		For >10 To 20, Deduct	*-88.05*	
		For >20 To 40, Deduct	*-162.30*	
		For >40, Deduct	*-338.41*	
26 56 13 00-0403	EA	35' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,808.81	674.81
		For Bronze Or Satin Anodized Finish, Add	*145.92*	
		For Black Anodized Finish, Add	*291.84*	
		For >10 To 20, Deduct	*-92.11*	
		For >20 To 40, Deduct	*-169.62*	
		For >40, Deduct	*-353.84*	
26 56 13 00-0404	EA	37' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,907.90	692.57
		For Bronze Or Satin Anodized Finish, Add	*152.28*	
		For Black Anodized Finish, Add	*304.55*	
		For >10 To 20, Deduct	*-95.54*	
		For >20 To 40, Deduct	*-175.85*	
		For >40, Deduct	*-366.93*	
26 56 13 00-0405	EA	39' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,080.34	710.33
		For Bronze Or Satin Anodized Finish, Add	*165.97*	
		For Black Anodized Finish, Add	*331.94*	
		For >10 To 20, Deduct	*-101.90*	
		For >20 To 40, Deduct	*-187.21*	
		For >40, Deduct	*-391.02*	
26 56 13 00-0406	EA	28' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,835.95	603.78
		For Bronze Or Satin Anodized Finish, Add	*162.84*	
		For Black Anodized Finish, Add	*325.68*	
		For >10 To 20, Deduct	*-95.32*	
		For >20 To 40, Deduct	*-174.37*	
		For >40, Deduct	*-365.01*	
26 56 13 00-0407	EA	30' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,052.70	639.30
		For Bronze Or Satin Anodized Finish, Add	*177.41*	
		For Black Anodized Finish, Add	*354.82*	
		For >10 To 20, Deduct	*-102.93*	
		For >20 To 40, Deduct	*-188.12*	
		For >40, Deduct	*-393.98*	
26 56 13 00-0408	EA	33' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,202.65	657.05
		For Bronze Or Satin Anodized Finish, Add	*188.85*	
		For Black Anodized Finish, Add	*377.71*	
		For >10 To 20, Deduct	*-108.39*	
		For >20 To 40, Deduct	*-197.90*	
		For >40, Deduct	*-414.69*	
26 56 13 00-0409	EA	35' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,318.35	674.81
		For Bronze Or Satin Anodized Finish, Add	*196.87*	
		For Black Anodized Finish, Add	*393.75*	
		For >10 To 20, Deduct	*-112.49*	
		For >20 To 40, Deduct	*-205.29*	
		For >40, Deduct	*-430.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0410	EA	37' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,386.15	692.57
		For Bronze Or Satin Anodized Finish, Add	*200.10*	
		For Black Anodized Finish, Add	*400.20*	
		For >10 To 20, Deduct	*-114.67*	
		For >20 To 40, Deduct	*-209.33*	
		For >40, Deduct	*-438.67*	
26 56 13 00-0411	EA	39' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,575.22	710.33
		For Bronze Or Satin Anodized Finish, Add	*215.46*	
		For Black Anodized Finish, Add	*430.91*	
		For >10 To 20, Deduct	*-121.70*	
		For >20 To 40, Deduct	*-221.85*	
		For >40, Deduct	*-465.25*	
26 56 13 00-0412	EA	28' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,701.96	603.78
		For Bronze Or Satin Anodized Finish, Add	*149.44*	
		For Black Anodized Finish, Add	*298.88*	
		For >10 To 20, Deduct	*-89.97*	
		For >20 To 40, Deduct	*-164.99*	
		For >40, Deduct	*-344.92*	
26 56 13 00-0413	EA	30' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,901.11	639.30
		For Bronze Or Satin Anodized Finish, Add	*162.25*	
		For Black Anodized Finish, Add	*324.50*	
		For >10 To 20, Deduct	*-96.87*	
		For >20 To 40, Deduct	*-177.51*	
		For >40, Deduct	*-371.24*	
26 56 13 00-0414	EA	33' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,980.64	657.05
		For Bronze Or Satin Anodized Finish, Add	*166.65*	
		For Black Anodized Finish, Add	*333.31*	
		For >10 To 20, Deduct	*-99.51*	
		For >20 To 40, Deduct	*-182.36*	
		For >40, Deduct	*-381.39*	
26 56 13 00-0415	EA	35' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,172.63	674.81
		For Bronze Or Satin Anodized Finish, Add	*182.30*	
		For Black Anodized Finish, Add	*364.60*	
		For >10 To 20, Deduct	*-106.66*	
		For >20 To 40, Deduct	*-195.09*	
		For >40, Deduct	*-408.41*	
26 56 13 00-0416	EA	37' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,270.74	692.57
		For Bronze Or Satin Anodized Finish, Add	*188.56*	
		For Black Anodized Finish, Add	*377.12*	
		For >10 To 20, Deduct	*-110.05*	
		For >20 To 40, Deduct	*-201.25*	
		For >40, Deduct	*-421.35*	
26 56 13 00-0417	EA	39' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,460.79	710.33
		For Bronze Or Satin Anodized Finish, Add	*204.01*	
		For Black Anodized Finish, Add	*408.03*	
		For >10 To 20, Deduct	*-117.12*	
		For >20 To 40, Deduct	*-213.84*	
		For >40, Deduct	*-448.09*	
26 56 13 00-0418	EA	28' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,314.19	603.78
		For Bronze Or Satin Anodized Finish, Add	*210.66*	
		For Black Anodized Finish, Add	*421.33*	
		For >10 To 20, Deduct	*-114.45*	
		For >20 To 40, Deduct	*-207.84*	
		For >40, Deduct	*-436.75*	
26 56 13 00-0419	EA	30' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,504.54	639.30
		For Bronze Or Satin Anodized Finish, Add	*222.60*	
		For Black Anodized Finish, Add	*445.19*	
		For >10 To 20, Deduct	*-121.00*	
		For >20 To 40, Deduct	*-219.75*	
		For >40, Deduct	*-461.75*	
26 56 13 00-0420	EA	33' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,656.44	657.05
		For Bronze Or Satin Anodized Finish, Add	*234.23*	
		For Black Anodized Finish, Add	*468.47*	
		For >10 To 20, Deduct	*-126.55*	
		For >20 To 40, Deduct	*-229.67*	
		For >40, Deduct	*-482.76*	
26 56 13 00-0421	EA	35' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,887.56	674.81
		For Bronze Or Satin Anodized Finish, Add	*253.79*	
		For Black Anodized Finish, Add	*507.59*	
		For >10 To 20, Deduct	*-135.26*	
		For >20 To 40, Deduct	*-245.14*	
		For >40, Deduct	*-515.65*	
26 56 13 00-0422	EA	37' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,944.59	692.57
		For Bronze Or Satin Anodized Finish, Add	*255.95*	
		For Black Anodized Finish, Add	*511.89*	
		For >10 To 20, Deduct	*-137.01*	
		For >20 To 40, Deduct	*-248.42*	
		For >40, Deduct	*-522.43*	
26 56 13 00-0423	EA	39' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	4,174.74	710.33
		For Bronze Or Satin Anodized Finish, Add	*275.41*	
		For Black Anodized Finish, Add	*550.82*	
		For >10 To 20, Deduct	*-145.68*	
		For >20 To 40, Deduct	*-263.82*	
		For >40, Deduct	*-555.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0424	EA	48' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	5,337.87	1,065.49
		For Bronze Or Satin Anodized Finish, Add	*320.69*	
		For Black Anodized Finish, Add	*641.38*	
		For >10 To 20, Deduct	*-181.55*	
		For >20 To 40, Deduct	*-331.03*	
		For >40, Deduct	*-694.13*	
26 56 13 00-0425	EA	50' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	5,459.15	1,065.49
		For Bronze Or Satin Anodized Finish, Add	*332.82*	
		For Black Anodized Finish, Add	*665.63*	
		For >10 To 20, Deduct	*-186.40*	
		For >20 To 40, Deduct	*-339.52*	
		For >40, Deduct	*-712.32*	
26 56 13 00-0426		**Round Tapered, Aluminum Area Light Poles, Hinged Anchor Base** *(26 56 13 00-0354)*		
26 56 13 00-0427	EA	8' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	913.25	213.10
		For Bronze, Satin Or Black Anodized Finish, Add	*73.06*	
		For >10 To 20, Deduct	*-30.14*	
		For >20 To 40, Deduct	*-55.40*	
		For >40, Deduct	*-115.68*	
26 56 13 00-0428	EA	10' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,004.82	248.61
		For Bronze, Satin Or Black Anodized Finish, Add	*76.14*	
		For >10 To 20, Deduct	*-32.73*	
		For >20 To 40, Deduct	*-60.39*	
		For >40, Deduct	*-125.86*	
26 56 13 00-0429	EA	12' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,097.36	284.13
		For Bronze, Satin Or Black Anodized Finish, Add	*79.37*	
		For >10 To 20, Deduct	*-35.37*	
		For >20 To 40, Deduct	*-65.45*	
		For >40, Deduct	*-136.19*	
26 56 13 00-0430	EA	14' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,191.88	319.65
		For Bronze, Satin Or Black Anodized Finish, Add	*82.89*	
		For >10 To 20, Deduct	*-38.09*	
		For >20 To 40, Deduct	*-70.65*	
		For >40, Deduct	*-146.82*	
26 56 13 00-0431	EA	16' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,285.40	355.16
		For Bronze, Satin Or Black Anodized Finish, Add	*86.26*	
		For >10 To 20, Deduct	*-40.76*	
		For >20 To 40, Deduct	*-75.77*	
		For >40, Deduct	*-157.29*	
26 56 13 00-0432	EA	10' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,016.55	248.61
		For Bronze, Satin Or Black Anodized Finish, Add	*77.90*	
		For >10 To 20, Deduct	*-33.20*	
		For >20 To 40, Deduct	*-61.21*	
		For >40, Deduct	*-127.62*	
26 56 13 00-0433	EA	12' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,111.06	284.13
		For Bronze, Satin Or Black Anodized Finish, Add	*81.42*	
		For >10 To 20, Deduct	*-35.92*	
		For >20 To 40, Deduct	*-66.41*	
		For >40, Deduct	*-138.25*	
26 56 13 00-0434	EA	14' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,207.52	319.65
		For Bronze, Satin Or Black Anodized Finish, Add	*85.23*	
		For >10 To 20, Deduct	*-38.71*	
		For >20 To 40, Deduct	*-71.74*	
		For >40, Deduct	*-149.16*	
26 56 13 00-0435	EA	16' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,303.00	355.16
		For Bronze, Satin Or Black Anodized Finish, Add	*88.90*	
		For >10 To 20, Deduct	*-41.47*	
		For >20 To 40, Deduct	*-77.00*	
		For >40, Deduct	*-159.93*	
26 56 13 00-0436	EA	18' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,411.20	390.68
		For Bronze, Satin Or Black Anodized Finish, Add	*94.48*	
		For >10 To 20, Deduct	*-44.73*	
		For >20 To 40, Deduct	*-83.16*	
		For >40, Deduct	*-172.61*	
26 56 13 00-0437	EA	20' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,510.59	426.20
		For Bronze, Satin Or Black Anodized Finish, Add	*98.73*	
		For >10 To 20, Deduct	*-47.64*	
		For >20 To 40, Deduct	*-88.69*	
		For >40, Deduct	*-183.97*	
26 56 13 00-0438	EA	12' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,149.20	284.13
		For Bronze, Satin Or Black Anodized Finish, Add	*87.14*	
		For >10 To 20, Deduct	*-37.44*	
		For >20 To 40, Deduct	*-69.08*	
		For >40, Deduct	*-143.97*	
26 56 13 00-0439	EA	14' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,250.56	319.65
		For Bronze, Satin Or Black Anodized Finish, Add	*91.69*	
		For >10 To 20, Deduct	*-40.43*	
		For >20 To 40, Deduct	*-74.75*	
		For >40, Deduct	*-155.62*	
26 56 13 00-0440	EA	16' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,363.64	355.16
		For Bronze, Satin Or Black Anodized Finish, Add	*98.00*	
		For >10 To 20, Deduct	*-43.89*	
		For >20 To 40, Deduct	*-81.25*	
		For >40, Deduct	*-169.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0441	EA	18' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,466.94	390.68
		For Bronze, Satin Or Black Anodized Finish, Add	*102.84*	
		For >10 To 20, Deduct	*-46.96*	
		For >20 To 40, Deduct	*-87.06*	
		For >40, Deduct	*-180.97*	
26 56 13 00-0442	EA	20' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,582.96	426.20
		For Bronze, Satin Or Black Anodized Finish, Add	*109.59*	
		For >10 To 20, Deduct	*-50.53*	
		For >20 To 40, Deduct	*-93.76*	
		For >40, Deduct	*-194.82*	
26 56 13 00-0443	EA	16' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,419.39	355.16
		For Bronze, Satin Or Black Anodized Finish, Add	*106.36*	
		For >10 To 20, Deduct	*-46.12*	
		For >20 To 40, Deduct	*-85.15*	
		For >40, Deduct	*-177.39*	
26 56 13 00-0444	EA	18' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,542.25	390.68
		For Bronze, Satin Or Black Anodized Finish, Add	*114.13*	
		For >10 To 20, Deduct	*-49.97*	
		For >20 To 40, Deduct	*-92.33*	
		For >40, Deduct	*-192.27*	
26 56 13 00-0445	EA	20' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,643.60	426.20
		For Bronze, Satin Or Black Anodized Finish, Add	*118.68*	
		For >10 To 20, Deduct	*-52.96*	
		For >20 To 40, Deduct	*-98.00*	
		For >40, Deduct	*-203.92*	
26 56 13 00-0446	EA	12' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,179.52	284.13
		For Bronze, Satin Or Black Anodized Finish, Add	*91.69*	
		For >10 To 20, Deduct	*-38.66*	
		For >20 To 40, Deduct	*-71.20*	
		For >40, Deduct	*-148.52*	
26 56 13 00-0447	EA	14' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,296.52	319.65
		For Bronze, Satin Or Black Anodized Finish, Add	*98.58*	
		For >10 To 20, Deduct	*-42.27*	
		For >20 To 40, Deduct	*-77.97*	
		For >40, Deduct	*-162.51*	
26 56 13 00-0448	EA	16' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,419.39	355.16
		For Bronze, Satin Or Black Anodized Finish, Add	*106.36*	
		For >10 To 20, Deduct	*-46.12*	
		For >20 To 40, Deduct	*-85.15*	
		For >40, Deduct	*-177.39*	
26 56 13 00-0449	EA	18' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,530.52	390.68
		For Bronze, Satin Or Black Anodized Finish, Add	*112.37*	
		For >10 To 20, Deduct	*-49.50*	
		For >20 To 40, Deduct	*-91.51*	
		For >40, Deduct	*-190.51*	
26 56 13 00-0450	EA	20' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,648.49	426.20
		For Bronze, Satin Or Black Anodized Finish, Add	*119.42*	
		For >10 To 20, Deduct	*-53.15*	
		For >20 To 40, Deduct	*-98.35*	
		For >40, Deduct	*-204.65*	
26 56 13 00-0451	EA	16' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,482.96	355.16
		For Bronze, Satin Or Black Anodized Finish, Add	*115.89*	
		For >10 To 20, Deduct	*-48.66*	
		For >20 To 40, Deduct	*-89.60*	
		For >40, Deduct	*-186.93*	
26 56 13 00-0452	EA	18' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,613.65	390.68
		For Bronze, Satin Or Black Anodized Finish, Add	*124.84*	
		For >10 To 20, Deduct	*-52.83*	
		For >20 To 40, Deduct	*-97.33*	
		For >40, Deduct	*-202.98*	
26 56 13 00-0453	EA	20' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,719.88	426.20
		For Bronze, Satin Or Black Anodized Finish, Add	*130.12*	
		For >10 To 20, Deduct	*-56.01*	
		For >20 To 40, Deduct	*-103.34*	
		For >40, Deduct	*-215.36*	

26 56 13 00-0454 Round Tapered, Aluminum Area Light Poles, Direct Burial *(26 56 13 00-0354)*

Note: Includes rubberized undercoating on embedded portion.

26 56 13 00-0455	EA	8' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	644.65	177.58
		For Bronze Or Satin Anodized Finish, Add	*28.95*	
		For Black Anodized Finish, Add	*57.90*	
		For >10 To 20, Deduct	*-20.46*	
		For >20 To 40, Deduct	*-38.02*	
		For >40, Deduct	*-78.94*	
26 56 13 00-0456	EA	10' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	672.04	177.58
		For Bronze Or Satin Anodized Finish, Add	*31.69*	
		For Black Anodized Finish, Add	*63.38*	
		For >10 To 20, Deduct	*-21.55*	
		For >20 To 40, Deduct	*-39.94*	
		For >40, Deduct	*-83.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0457	EA	12' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	730.05	195.34
		For Bronze Or Satin Anodized Finish, Add	*33.94*	
		For Black Anodized Finish, Add	*67.87*	
		For >10 To 20, Deduct	*-23.34*	
		For >20 To 40, Deduct	*-43.29*	
		For >40, Deduct	*-89.97*	
26 56 13 00-0458	EA	14' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	781.22	213.10
		For Bronze Or Satin Anodized Finish, Add	*35.50*	
		For Black Anodized Finish, Add	*71.00*	
		For >10 To 20, Deduct	*-24.86*	
		For >20 To 40, Deduct	*-46.16*	
		For >40, Deduct	*-95.87*	
26 56 13 00-0459	EA	16' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	816.43	213.10
		For Bronze Or Satin Anodized Finish, Add	*39.02*	
		For Black Anodized Finish, Add	*78.05*	
		For >10 To 20, Deduct	*-26.26*	
		For >20 To 40, Deduct	*-48.63*	
		For >40, Deduct	*-101.15*	
26 56 13 00-0460	EA	12' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	756.46	195.34
		For Bronze Or Satin Anodized Finish, Add	*36.58*	
		For Black Anodized Finish, Add	*73.16*	
		For >10 To 20, Deduct	*-24.40*	
		For >20 To 40, Deduct	*-45.14*	
		For >40, Deduct	*-93.94*	
26 56 13 00-0461	EA	14' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	819.36	213.10
		For Bronze Or Satin Anodized Finish, Add	*39.32*	
		For Black Anodized Finish, Add	*78.63*	
		For >10 To 20, Deduct	*-26.38*	
		For >20 To 40, Deduct	*-48.83*	
		For >40, Deduct	*-101.59*	
26 56 13 00-0462	EA	16' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	838.92	213.10
		For Bronze Or Satin Anodized Finish, Add	*41.27*	
		For Black Anodized Finish, Add	*82.54*	
		For >10 To 20, Deduct	*-27.16*	
		For >20 To 40, Deduct	*-50.20*	
		For >40, Deduct	*-104.53*	
26 56 13 00-0463	EA	18' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	905.73	230.86
		For Bronze Or Satin Anodized Finish, Add	*44.40*	
		For Black Anodized Finish, Add	*88.80*	
		For >10 To 20, Deduct	*-29.30*	
		For >20 To 40, Deduct	*-54.17*	
		For >40, Deduct	*-112.77*	
26 56 13 00-0464	EA	20' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	968.63	248.61
		For Bronze Or Satin Anodized Finish, Add	*47.14*	
		For Black Anodized Finish, Add	*94.28*	
		For >10 To 20, Deduct	*-31.29*	
		For >20 To 40, Deduct	*-57.86*	
		For >40, Deduct	*-120.43*	
26 56 13 00-0465	EA	16' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	895.64	213.10
		For Bronze Or Satin Anodized Finish, Add	*46.94*	
		For Black Anodized Finish, Add	*93.89*	
		For >10 To 20, Deduct	*-29.43*	
		For >20 To 40, Deduct	*-54.17*	
		For >40, Deduct	*-113.04*	
26 56 13 00-0466	EA	18' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	968.32	230.86
		For Bronze Or Satin Anodized Finish, Add	*50.66*	
		For Black Anodized Finish, Add	*101.32*	
		For >10 To 20, Deduct	*-31.81*	
		For >20 To 40, Deduct	*-58.55*	
		For >40, Deduct	*-122.16*	
26 56 13 00-0467	EA	20' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	1,036.11	248.61
		For Bronze Or Satin Anodized Finish, Add	*53.89*	
		For Black Anodized Finish, Add	*107.78*	
		For >10 To 20, Deduct	*-33.99*	
		For >20 To 40, Deduct	*-62.58*	
		For >40, Deduct	*-130.56*	
26 56 13 00-0468	EA	18' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	1,048.52	230.86
		For Bronze Or Satin Anodized Finish, Add	*58.68*	
		For Black Anodized Finish, Add	*117.36*	
		For >10 To 20, Deduct	*-35.02*	
		For >20 To 40, Deduct	*-64.16*	
		For >40, Deduct	*-134.19*	
26 56 13 00-0469	EA	25' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	1,337.95	284.13
		For Bronze Or Satin Anodized Finish, Add	*76.97*	
		For Black Anodized Finish, Add	*153.94*	
		For >10 To 20, Deduct	*-44.99*	
		For >20 To 40, Deduct	*-82.29*	
		For >40, Deduct	*-172.28*	
26 56 13 00-0470	EA	25' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Direct Burial	1,448.47	284.13
		For Bronze Or Satin Anodized Finish, Add	*88.02*	
		For Black Anodized Finish, Add	*176.04*	
		For >10 To 20, Deduct	*-49.41*	
		For >20 To 40, Deduct	*-90.03*	
		For >40, Deduct	*-188.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0471	EA	30' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	1,614.38	319.65
		For Bronze Or Satin Anodized Finish, Add	*97.51*	
		For Black Anodized Finish, Add	*195.02*	
		For >10 To 20, Deduct	*-54.99*	
		For >20 To 40, Deduct	*-100.22*	
		For >40, Deduct	*-210.19*	
26 56 13 00-0472	EA	30' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	1,734.67	319.65
		For Bronze Or Satin Anodized Finish, Add	*109.54*	
		For Black Anodized Finish, Add	*219.07*	
		For >10 To 20, Deduct	*-59.80*	
		For >20 To 40, Deduct	*-108.64*	
		For >40, Deduct	*-228.24*	

26 56 13 00-0473 Square Straight, Aluminum Area Light Poles *(26 56 13 00-0294)*

26 56 13 00-0474 Square Straight, Aluminum Area Light Poles, Anchor Base *(26 56 13 00-0473)*

26 56 13 00-0475	EA	8' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	830.12	213.10
		For Bronze Or Satin Anodized Finish, Add	*40.39*	
		For Black Anodized Finish, Add	*80.78*	
		For >10 To 20, Deduct	*-26.81*	
		For >20 To 40, Deduct	*-49.58*	
		For >40, Deduct	*-103.21*	
26 56 13 00-0476	EA	10' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	921.69	248.61
		For Bronze Or Satin Anodized Finish, Add	*42.45*	
		For Black Anodized Finish, Add	*84.89*	
		For >10 To 20, Deduct	*-29.41*	
		For >20 To 40, Deduct	*-54.57*	
		For >40, Deduct	*-113.39*	
26 56 13 00-0477	EA	12' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	1,021.08	284.13
		For Bronze Or Satin Anodized Finish, Add	*45.28*	
		For Black Anodized Finish, Add	*90.56*	
		For >10 To 20, Deduct	*-32.32*	
		For >20 To 40, Deduct	*-60.11*	
		For >40, Deduct	*-124.75*	
26 56 13 00-0478	EA	14' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	1,119.50	319.65
		For Bronze Or Satin Anodized Finish, Add	*48.02*	
		For Black Anodized Finish, Add	*96.04*	
		For >10 To 20, Deduct	*-35.19*	
		For >20 To 40, Deduct	*-65.58*	
		For >40, Deduct	*-135.96*	
26 56 13 00-0479	EA	15' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	1,172.62	337.41
		For Bronze Or Satin Anodized Finish, Add	*49.78*	
		For Black Anodized Finish, Add	*99.56*	
		For >10 To 20, Deduct	*-36.78*	
		For >20 To 40, Deduct	*-68.59*	
		For >40, Deduct	*-142.15*	
26 56 13 00-0480	EA	16' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	1,225.74	355.16
		For Bronze Or Satin Anodized Finish, Add	*51.54*	
		For Black Anodized Finish, Add	*103.08*	
		For >10 To 20, Deduct	*-38.37*	
		For >20 To 40, Deduct	*-71.60*	
		For >40, Deduct	*-148.34*	
26 56 13 00-0481	EA	18' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	1,330.02	390.68
		For Bronze Or Satin Anodized Finish, Add	*54.87*	
		For Black Anodized Finish, Add	*109.73*	
		For >10 To 20, Deduct	*-41.48*	
		For >20 To 40, Deduct	*-77.47*	
		For >40, Deduct	*-160.44*	
26 56 13 00-0482	EA	20' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	1,443.11	426.20
		For Bronze Or Satin Anodized Finish, Add	*59.07*	
		For Black Anodized Finish, Add	*118.14*	
		For >10 To 20, Deduct	*-44.94*	
		For >20 To 40, Deduct	*-83.97*	
		For >40, Deduct	*-173.85*	
26 56 13 00-0483	EA	16' High, 4" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base	1,293.22	355.16
		For Bronze Or Satin Anodized Finish, Add	*58.29*	
		For Black Anodized Finish, Add	*116.58*	
		For >10 To 20, Deduct	*-41.07*	
		For >20 To 40, Deduct	*-76.32*	
		For >40, Deduct	*-158.47*	
26 56 13 00-0484	EA	18' High, 4" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base	1,399.46	390.68
		For Bronze Or Satin Anodized Finish, Add	*61.81*	
		For Black Anodized Finish, Add	*123.62*	
		For >10 To 20, Deduct	*-44.26*	
		For >20 To 40, Deduct	*-82.34*	
		For >40, Deduct	*-170.85*	
26 56 13 00-0485	EA	20' High, 4" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base	1,518.41	426.20
		For Bronze Or Satin Anodized Finish, Add	*66.60*	
		For Black Anodized Finish, Add	*133.20*	
		For >10 To 20, Deduct	*-47.95*	
		For >20 To 40, Deduct	*-89.24*	
		For >40, Deduct	*-185.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0486	EA	15' High, 5" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base	1,466.02	337.41
		For Bronze Or Satin Anodized Finish, Add	*79.12*	
		For Black Anodized Finish, Add	*158.24*	
		For >10 To 20, Deduct	*-48.52*	
		For >20 To 40, Deduct	*-89.13*	
		For >40, Deduct	*-186.16*	
26 56 13 00-0487	EA	20' High, 5" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base	1,799.10	426.20
		For Bronze Or Satin Anodized Finish, Add	*94.67*	
		For Black Anodized Finish, Add	*189.34*	
		For >10 To 20, Deduct	*-59.18*	
		For >20 To 40, Deduct	*-108.89*	
		For >40, Deduct	*-227.25*	
26 56 13 00-0488	EA	25' High, 5" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base	2,205.48	568.26
		For Bronze Or Satin Anodized Finish, Add	*106.90*	
		For Black Anodized Finish, Add	*213.79*	
		For >10 To 20, Deduct	*-71.17*	
		For >20 To 40, Deduct	*-131.65*	
		For >40, Deduct	*-274.00*	
26 56 13 00-0489	EA	20' High, 4" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base	1,579.05	426.20
		For Bronze Or Satin Anodized Finish, Add	*72.67*	
		For Black Anodized Finish, Add	*145.33*	
		For >10 To 20, Deduct	*-50.38*	
		For >20 To 40, Deduct	*-93.49*	
		For >40, Deduct	*-194.24*	
26 56 13 00-0490	EA	20' High, 5" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base	1,917.44	426.20
		For Bronze Or Satin Anodized Finish, Add	*106.51*	
		For Black Anodized Finish, Add	*213.01*	
		For >10 To 20, Deduct	*-63.91*	
		For >20 To 40, Deduct	*-117.17*	
		For >40, Deduct	*-245.00*	
26 56 13 00-0491	EA	25' High, 5" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base	2,313.07	568.26
		For Bronze Or Satin Anodized Finish, Add	*117.66*	
		For Black Anodized Finish, Add	*235.31*	
		For >10 To 20, Deduct	*-75.48*	
		For >20 To 40, Deduct	*-139.18*	
		For >40, Deduct	*-290.13*	
26 56 13 00-0492	EA	20' High, 6" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base	2,103.26	426.20
		For Bronze Or Satin Anodized Finish, Add	*125.09*	
		For Black Anodized Finish, Add	*250.17*	
		For >10 To 20, Deduct	*-71.34*	
		For >20 To 40, Deduct	*-130.18*	
		For >40, Deduct	*-272.87*	
26 56 13 00-0493	EA	25' High, 6" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base	2,555.61	568.26
		For Bronze Or Satin Anodized Finish, Add	*141.91*	
		For Black Anodized Finish, Add	*283.82*	
		For >10 To 20, Deduct	*-85.18*	
		For >20 To 40, Deduct	*-156.16*	
		For >40, Deduct	*-326.52*	
26 56 13 00-0494	EA	30' High, 6" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base	2,950.01	639.30
		For Bronze Or Satin Anodized Finish, Add	*167.14*	
		For Black Anodized Finish, Add	*334.28*	
		For >10 To 20, Deduct	*-98.82*	
		For >20 To 40, Deduct	*-180.93*	
		For >40, Deduct	*-378.57*	

26 56 13 00-0495 Square Straight, Aluminum Area Light Poles, Direct Burial *(26 56 13 00-0473)*

Note: Includes rubberized undercoating on embedded portion.

26 56 13 00-0496	EA	10' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Direct Burial	740.50	177.58
		For Bronze Or Satin Anodized Finish, Add	*38.53*	
		For Black Anodized Finish, Add	*77.07*	
		For >10 To 20, Deduct	*-24.29*	
		For >20 To 40, Deduct	*-44.73*	
		For >40, Deduct	*-93.32*	
26 56 13 00-0497	EA	12' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Direct Burial	825.89	195.34
		For Bronze Or Satin Anodized Finish, Add	*43.52*	
		For Black Anodized Finish, Add	*87.04*	
		For >10 To 20, Deduct	*-27.18*	
		For >20 To 40, Deduct	*-50.00*	
		For >40, Deduct	*-104.35*	
26 56 13 00-0498	EA	14' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Direct Burial	881.95	213.10
		For Bronze Or Satin Anodized Finish, Add	*45.58*	
		For Black Anodized Finish, Add	*91.15*	
		For >10 To 20, Deduct	*-28.89*	
		For >20 To 40, Deduct	*-53.21*	
		For >40, Deduct	*-110.98*	
26 56 13 00-0499	EA	15' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Direct Burial	906.40	213.10
		For Bronze Or Satin Anodized Finish, Add	*48.02*	
		For Black Anodized Finish, Add	*96.04*	
		For >10 To 20, Deduct	*-29.86*	
		For >20 To 40, Deduct	*-54.92*	
		For >40, Deduct	*-114.65*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0500		EA	16' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Direct Burial	936.72	213.10
			For Bronze Or Satin Anodized Finish, Add	*51.05*	
			For Black Anodized Finish, Add	*102.10*	
			For >10 To 20, Deduct	*-31.08*	
			For >20 To 40, Deduct	*-57.05*	
			For >40, Deduct	*-119.20*	
26 56 13 00-0501		EA	18' High, 4" OD, 0.188", Square Straight, Aluminum Area Light Pole, Direct Burial	1,075.90	230.86
			For Bronze Or Satin Anodized Finish, Add	*61.42*	
			For Black Anodized Finish, Add	*122.84*	
			For >10 To 20, Deduct	*-36.11*	
			For >20 To 40, Deduct	*-66.08*	
			For >40, Deduct	*-138.30*	
26 56 13 00-0502		EA	20' High, 4" OD, 0.188", Square Straight, Aluminum Area Light Pole, Direct Burial	1,153.47	248.61
			For Bronze Or Satin Anodized Finish, Add	*65.62*	
			For Black Anodized Finish, Add	*131.25*	
			For >10 To 20, Deduct	*-38.68*	
			For >20 To 40, Deduct	*-70.80*	
			For >40, Deduct	*-148.16*	
26 56 13 00-0503		EA	20' High, 5" OD, 0.188", Square Straight, Aluminum Area Light Pole, Direct Burial	1,307.02	248.61
			For Bronze Or Satin Anodized Finish, Add	*80.98*	
			For Black Anodized Finish, Add	*161.96*	
			For >10 To 20, Deduct	*-44.82*	
			For >20 To 40, Deduct	*-81.55*	
			For >40, Deduct	*-171.19*	
26 56 13 00-0504		EA	25' High, 5" OD, 0.188", Square Straight, Aluminum Area Light Pole, Direct Burial	1,501.28	284.13
			For Bronze Or Satin Anodized Finish, Add	*93.30*	
			For Black Anodized Finish, Add	*186.60*	
			For >10 To 20, Deduct	*-51.53*	
			For >20 To 40, Deduct	*-93.72*	
			For >40, Deduct	*-196.78*	
26 56 13 00-0505		EA	25' High, 6" OD, 0.250", Square Straight, Aluminum Area Light Pole, Direct Burial	1,844.56	284.13
			For Bronze Or Satin Anodized Finish, Add	*127.63*	
			For Black Anodized Finish, Add	*255.26*	
			For >10 To 20, Deduct	*-65.26*	
			For >20 To 40, Deduct	*-117.75*	
			For >40, Deduct	*-248.27*	

26 56 13 00-0506 Factory Accessories For Aluminum Area Light Poles *(26 56 13 00-0294)*

26 56 13 00-0507		EA	1/2", 3/4" Or 1" Factory Threaded Pipe Coupling Or Nipple For Aluminum Area Light Poles	84.58
26 56 13 00-0508		EA	Extra Handhole For Aluminum Area Light Poles	36.45
26 56 13 00-0509		EA	Vibration Dampener For Aluminum Area Light Poles	127.96

26 56 13 00-0510 Fiberglass Area Light Poles *(26 56 13 00-0177)*

Note: Includes UV resistant textured weave finish, anchor bolts, base cover, reinforced handhole with cover and grounding provisions and tenon top.

26 56 13 00-0511 Round Tapered, Fiberglass Area Light Poles *(26 56 13 00-0510)*

26 56 13 00-0512 Round Tapered, Fiberglass Area Light Poles, Anchor Base *(26 56 13 00-0511)*

26 56 13 00-0513		EA	10' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,278.18	248.61
			For >10 To 20, Deduct	*-43.67*	
			For >20 To 40, Deduct	*-79.53*	
			For >40, Deduct	*-166.87*	
26 56 13 00-0514		EA	12' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,395.69	284.13
			For >10 To 20, Deduct	*-47.30*	
			For >20 To 40, Deduct	*-86.33*	
			For >40, Deduct	*-180.94*	
26 56 13 00-0515		EA	14' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,514.54	319.65
			For >10 To 20, Deduct	*-50.99*	
			For >20 To 40, Deduct	*-93.23*	
			For >40, Deduct	*-195.22*	
26 56 13 00-0516		EA	16' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,632.06	355.16
			For >10 To 20, Deduct	*-54.63*	
			For >20 To 40, Deduct	*-100.04*	
			For >40, Deduct	*-209.29*	
26 56 13 00-0517		EA	18' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,773.48	390.68
			For >10 To 20, Deduct	*-59.22*	
			For >20 To 40, Deduct	*-108.52*	
			For >40, Deduct	*-226.95*	
26 56 13 00-0518		EA	20' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,893.65	426.20
			For >10 To 20, Deduct	*-62.96*	
			For >20 To 40, Deduct	*-115.51*	
			For >40, Deduct	*-241.43*	
26 56 13 00-0519		EA	22' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,083.53	497.23
			For >10 To 20, Deduct	*-68.42*	
			For >20 To 40, Deduct	*-125.96*	
			For >40, Deduct	*-262.81*	
26 56 13 00-0520		EA	24' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,272.08	568.26
			For >10 To 20, Deduct	*-73.84*	
			For >20 To 40, Deduct	*-136.32*	
			For >40, Deduct	*-283.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0521	EA	26' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,379.66	568.26
		For >10 To 20, Deduct	*-78.14*	
		For >20 To 40, Deduct	*-143.85*	
		For >40, Deduct	*-300.12*	
26 56 13 00-0522	EA	28' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,545.00	603.78
		For >10 To 20, Deduct	*-83.69*	
		For >20 To 40, Deduct	*-154.00*	
		For >40, Deduct	*-321.37*	
26 56 13 00-0523	EA	30' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,710.32	639.30
		For >10 To 20, Deduct	*-89.23*	
		For >20 To 40, Deduct	*-164.15*	
		For >40, Deduct	*-342.62*	
26 56 13 00-0524	EA	10' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,400.37	248.61
		For >10 To 20, Deduct	*-48.56*	
		For >20 To 40, Deduct	*-88.08*	
		For >40, Deduct	*-185.19*	
26 56 13 00-0525	EA	12' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,493.97	284.13
		For >10 To 20, Deduct	*-51.23*	
		For >20 To 40, Deduct	*-93.21*	
		For >40, Deduct	*-195.68*	
26 56 13 00-0526	EA	14' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,588.92	319.65
		For >10 To 20, Deduct	*-53.97*	
		For >20 To 40, Deduct	*-98.44*	
		For >40, Deduct	*-206.37*	
26 56 13 00-0527	EA	16' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,686.51	355.16
		For >10 To 20, Deduct	*-56.81*	
		For >20 To 40, Deduct	*-103.85*	
		For >40, Deduct	*-217.46*	
26 56 13 00-0528	EA	18' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,790.75	390.68
		For >10 To 20, Deduct	*-59.91*	
		For >20 To 40, Deduct	*-109.73*	
		For >40, Deduct	*-229.54*	
26 56 13 00-0529	EA	20' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,893.65	426.20
		For >10 To 20, Deduct	*-62.96*	
		For >20 To 40, Deduct	*-115.51*	
		For >40, Deduct	*-241.43*	
26 56 13 00-0530	EA	22' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,067.60	497.23
		For >10 To 20, Deduct	*-67.79*	
		For >20 To 40, Deduct	*-124.84*	
		For >40, Deduct	*-260.42*	
26 56 13 00-0531	EA	24' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,272.08	568.26
		For >10 To 20, Deduct	*-73.84*	
		For >20 To 40, Deduct	*-136.32*	
		For >40, Deduct	*-283.99*	
26 56 13 00-0532	EA	26' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,317.24	568.26
		For >10 To 20, Deduct	*-75.64*	
		For >20 To 40, Deduct	*-139.48*	
		For >40, Deduct	*-290.76*	
26 56 13 00-0533	EA	28' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,434.76	603.78
		For >10 To 20, Deduct	*-79.28*	
		For >20 To 40, Deduct	*-146.28*	
		For >40, Deduct	*-304.84*	
26 56 13 00-0534	EA	30' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,552.28	639.30
		For >10 To 20, Deduct	*-82.91*	
		For >20 To 40, Deduct	*-153.09*	
		For >40, Deduct	*-318.91*	
26 56 13 00-0535	EA	10' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,579.66	248.61
		For >10 To 20, Deduct	*-55.73*	
		For >20 To 40, Deduct	*-100.63*	
		For >40, Deduct	*-212.09*	
26 56 13 00-0536	EA	12' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,691.87	284.13
		For >10 To 20, Deduct	*-59.15*	
		For >20 To 40, Deduct	*-107.07*	
		For >40, Deduct	*-225.37*	
26 56 13 00-0537	EA	14' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,804.08	319.65
		For >10 To 20, Deduct	*-62.57*	
		For >20 To 40, Deduct	*-113.50*	
		For >40, Deduct	*-238.65*	
26 56 13 00-0538	EA	16' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,917.61	355.16
		For >10 To 20, Deduct	*-66.05*	
		For >20 To 40, Deduct	*-120.03*	
		For >40, Deduct	*-252.13*	
26 56 13 00-0539	EA	18' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,036.45	390.68
		For >10 To 20, Deduct	*-69.74*	
		For >20 To 40, Deduct	*-126.92*	
		For >40, Deduct	*-266.40*	
26 56 13 00-0540	EA	20' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,163.26	426.20
		For >10 To 20, Deduct	*-73.74*	
		For >20 To 40, Deduct	*-134.38*	
		For >40, Deduct	*-281.87*	
26 56 13 00-0541	EA	22' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,373.07	497.23
		For >10 To 20, Deduct	*-80.01*	
		For >20 To 40, Deduct	*-146.23*	
		For >40, Deduct	*-306.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0542	EA	24' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,584.19	568.26
		For >10 To 20, Deduct	*-86.32*	
		For >20 To 40, Deduct	*-158.16*	
		For >40, Deduct	*-330.80*	
26 56 13 00-0543	EA	26' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,653.26	568.26
		For >10 To 20, Deduct	*-89.08*	
		For >20 To 40, Deduct	*-163.00*	
		For >40, Deduct	*-341.16*	
26 56 13 00-0544	EA	28' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,833.20	603.78
		For >10 To 20, Deduct	*-95.21*	
		For >20 To 40, Deduct	*-174.17*	
		For >40, Deduct	*-364.60*	
26 56 13 00-0545	EA	30' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,982.59	639.30
		For >10 To 20, Deduct	*-100.12*	
		For >20 To 40, Deduct	*-183.21*	
		For >40, Deduct	*-383.46*	
26 56 13 00-0546	EA	32' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	3,096.47	657.05
		For >10 To 20, Deduct	*-104.15*	
		For >20 To 40, Deduct	*-190.47*	
		For >40, Deduct	*-398.77*	
26 56 13 00-0547	EA	34' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	3,210.34	674.81
		For >10 To 20, Deduct	*-108.17*	
		For >20 To 40, Deduct	*-197.73*	
		For >40, Deduct	*-414.07*	
26 56 13 00-0548		**Round Tapered, Fiberglass Area Light Poles, Direct Burial** *(26 56 13 00-0511)*		
26 56 13 00-0549	EA	10' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	801.42	177.58
		For >10 To 20, Deduct	*-26.73*	
		For >20 To 40, Deduct	*-49.00*	
		For >40, Deduct	*-102.46*	
26 56 13 00-0550	EA	12' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	862.17	195.34
		For >10 To 20, Deduct	*-28.63*	
		For >20 To 40, Deduct	*-52.54*	
		For >40, Deduct	*-109.79*	
26 56 13 00-0551	EA	14' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	921.60	213.10
		For >10 To 20, Deduct	*-30.47*	
		For >20 To 40, Deduct	*-55.99*	
		For >40, Deduct	*-116.93*	
26 56 13 00-0552	EA	16' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	944.17	213.10
		For >10 To 20, Deduct	*-31.37*	
		For >20 To 40, Deduct	*-57.57*	
		For >40, Deduct	*-120.32*	
26 56 13 00-0553	EA	18' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,016.87	230.86
		For >10 To 20, Deduct	*-33.75*	
		For >20 To 40, Deduct	*-61.95*	
		For >40, Deduct	*-129.45*	
26 56 13 00-0554	EA	20' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,078.96	248.61
		For >10 To 20, Deduct	*-35.70*	
		For >20 To 40, Deduct	*-65.58*	
		For >40, Deduct	*-136.98*	
26 56 13 00-0555	EA	22' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,145.02	266.37
		For >10 To 20, Deduct	*-37.81*	
		For >20 To 40, Deduct	*-69.50*	
		For >40, Deduct	*-145.12*	
26 56 13 00-0556	EA	24' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,217.72	284.13
		For >10 To 20, Deduct	*-40.18*	
		For >20 To 40, Deduct	*-73.88*	
		For >40, Deduct	*-154.25*	
26 56 13 00-0557	EA	26' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,345.22	284.13
		For >10 To 20, Deduct	*-45.28*	
		For >20 To 40, Deduct	*-82.80*	
		For >40, Deduct	*-173.37*	
26 56 13 00-0558	EA	28' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,508.24	301.89
		For >10 To 20, Deduct	*-51.27*	
		For >20 To 40, Deduct	*-93.50*	
		For >40, Deduct	*-196.05*	
26 56 13 00-0559	EA	30' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,671.26	319.65
		For >10 To 20, Deduct	*-57.26*	
		For >20 To 40, Deduct	*-104.20*	
		For >40, Deduct	*-218.72*	
26 56 13 00-0560	EA	10' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	923.60	177.58
		For >10 To 20, Deduct	*-31.62*	
		For >20 To 40, Deduct	*-57.55*	
		For >40, Deduct	*-120.78*	
26 56 13 00-0561	EA	12' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	991.00	195.34
		For >10 To 20, Deduct	*-33.78*	
		For >20 To 40, Deduct	*-61.56*	
		For >40, Deduct	*-129.12*	
26 56 13 00-0562	EA	14' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,058.39	213.10
		For >10 To 20, Deduct	*-35.94*	
		For >20 To 40, Deduct	*-65.56*	
		For >40, Deduct	*-137.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0563	EA	16' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,091.60	213.10
		For >10 To 20, Deduct	*-37.27*	
		For >20 To 40, Deduct	*-67.89*	
		For >40, Deduct	*-142.43*	
26 56 13 00-0564	EA	18' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,158.98	230.86
		For >10 To 20, Deduct	*-39.43*	
		For >20 To 40, Deduct	*-71.89*	
		For >40, Deduct	*-150.76*	
26 56 13 00-0565	EA	20' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,226.38	248.61
		For >10 To 20, Deduct	*-41.60*	
		For >20 To 40, Deduct	*-75.90*	
		For >40, Deduct	*-159.10*	
26 56 13 00-0566	EA	22' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,293.77	266.37
		For >10 To 20, Deduct	*-43.76*	
		For >20 To 40, Deduct	*-79.91*	
		For >40, Deduct	*-167.43*	
26 56 13 00-0567	EA	24' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,391.71	284.13
		For >10 To 20, Deduct	*-47.14*	
		For >20 To 40, Deduct	*-86.05*	
		For >40, Deduct	*-180.34*	
26 56 13 00-0568	EA	26' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,515.22	284.13
		For >10 To 20, Deduct	*-52.08*	
		For >20 To 40, Deduct	*-94.70*	
		For >40, Deduct	*-198.87*	
26 56 13 00-0569	EA	28' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,675.59	301.89
		For >10 To 20, Deduct	*-57.97*	
		For >20 To 40, Deduct	*-105.22*	
		For >40, Deduct	*-221.15*	
26 56 13 00-0570	EA	30' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,834.63	319.65
		For >10 To 20, Deduct	*-63.80*	
		For >20 To 40, Deduct	*-115.64*	
		For >40, Deduct	*-243.23*	
26 56 13 00-0571	EA	10' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,031.18	177.58
		For >10 To 20, Deduct	*-35.92*	
		For >20 To 40, Deduct	*-65.08*	
		For >40, Deduct	*-136.92*	
26 56 13 00-0572	EA	12' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,090.61	195.34
		For >10 To 20, Deduct	*-37.76*	
		For >20 To 40, Deduct	*-68.53*	
		For >40, Deduct	*-144.06*	
26 56 13 00-0573	EA	14' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,148.71	213.10
		For >10 To 20, Deduct	*-39.56*	
		For >20 To 40, Deduct	*-71.89*	
		For >40, Deduct	*-151.00*	
26 56 13 00-0574	EA	16' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,171.29	213.10
		For >10 To 20, Deduct	*-40.46*	
		For >20 To 40, Deduct	*-73.47*	
		For >40, Deduct	*-154.38*	
26 56 13 00-0575	EA	18' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,229.37	230.86
		For >10 To 20, Deduct	*-42.25*	
		For >20 To 40, Deduct	*-76.82*	
		For >40, Deduct	*-161.32*	
26 56 13 00-0576	EA	20' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,288.80	248.61
		For >10 To 20, Deduct	*-44.09*	
		For >20 To 40, Deduct	*-80.27*	
		For >40, Deduct	*-168.46*	
26 56 13 00-0577	EA	22' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,393.38	266.37
		For >10 To 20, Deduct	*-47.74*	
		For >20 To 40, Deduct	*-86.88*	
		For >40, Deduct	*-182.37*	
26 56 13 00-0578	EA	24' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,513.90	284.13
		For >10 To 20, Deduct	*-52.03*	
		For >20 To 40, Deduct	*-94.61*	
		For >40, Deduct	*-198.67*	
26 56 13 00-0579	EA	26' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,590.93	284.13
		For >10 To 20, Deduct	*-55.11*	
		For >20 To 40, Deduct	*-100.00*	
		For >40, Deduct	*-210.23*	
26 56 13 00-0580	EA	28' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,704.81	301.89
		For >10 To 20, Deduct	*-59.14*	
		For >20 To 40, Deduct	*-107.26*	
		For >40, Deduct	*-225.53*	
26 56 13 00-0581	EA	30' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,818.69	319.65
		For >10 To 20, Deduct	*-63.16*	
		For >20 To 40, Deduct	*-114.52*	
		For >40, Deduct	*-240.84*	

26 56 13 00-0582 Factory Accessories For Fiberglass Area Light Poles *(26 56 13 00-0510)*

26 56 13 00-0583	EA	Open Or Capped Top For Fiberglass Area Light Poles	47.09
26 56 13 00-0584	EA	Factory Side Drilling Up To Four Fixtures On Fiberglass Area Light Poles	47.09
26 56 13 00-0585	EA	Smooth Shaft Finish For Fiberglass Area Light Poles	89.35
26 56 13 00-0586	EA	Vibration Dampener For Fiberglass Area Light Poles	118.33

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0587		Concrete Area Light Poles *(26 56 13 00-0177)*		
26 56 13 00-0588		Octagonal Tapered, Spun Concrete Area Light Poles, Anchor Base *(26 56 13 00-0587)*		
26 56 13 00-0589	EA	28' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	2,422.54	603.78
26 56 13 00-0590	EA	30' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	2,554.33	639.30
26 56 13 00-0591	EA	33' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	2,649.18	657.05
26 56 13 00-0592	EA	36' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	3,283.42	674.81
26 56 13 00-0593	EA	38' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	3,644.52	710.33
26 56 13 00-0594	EA	43' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	4,514.19	923.43
26 56 13 00-0595	EA	47' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	5,410.24	1,136.52
26 56 13 00-0596	EA	27' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base Note: Polished brown with acrylic coating finish.	5,207.72	603.78
26 56 13 00-0597	EA	30' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base Note: Polished brown with acrylic coating finish.	6,006.06	639.30
26 56 13 00-0598	EA	Pole Adapter Base Plate, Galvanized Steel, 1" Thick For Adapting Up To 40'	720.36	213.10
26 56 13 00-0599	EA	13' High Concrete Octagonal Area Light Pole, Pink With Acrylic Coating, Finish Design	3,120.33	426.06
26 56 13 00-0600	EA	Pole Base Cover For All Octagon Poles	279.00	86.94
26 56 13 00-0601	EA	Pole Arms 24" Long, Square, 250 Watt Fixture, Dark, Architectural Bronze	572.59	173.89
26 56 13 00-0602		Tapered, Spun Concrete Area Light Poles, Direct Burial *(26 56 13 00-0587)* Note: Round or square.		
26 56 13 00-0603	EA	13' High, Tapered, Spun Concrete Area Light Pole, Direct Burial	2,575.27	284.13
26 56 13 00-0604	EA	16' High, Tapered, Spun Concrete Area Light Pole, Direct Burial	2,912.54	355.16
26 56 13 00-0605	EA	18' High, Tapered, Spun Concrete Area Light Pole, Direct Burial	3,218.62	426.20
26 56 13 00-0606	EA	30' High, Tapered, Spun Concrete Area Light Pole, Direct Burial	4,488.11	639.30
26 56 13 00-0607	EA	35' High, Tapered, Spun Concrete Area Light Pole, Direct Burial	5,170.83	674.81
26 56 13 00-0608	EA	40' High, Tapered, Spun Concrete Area Light Pole, Direct Burial	5,908.85	710.33
26 56 13 00-0609	EA	45' High, Tapered, Spun Concrete Area Light Pole, Direct Burial	6,857.17	923.43
26 56 13 00-0610		Round Tapered, Spun Concrete Area Light Poles, Direct Burial *(26 56 13 00-0587)*		
26 56 13 00-0611	EA	60' High, Round Tapered, Spun Concrete Area Light Pole, Direct Burial (Lithonia SPRTC C2 60 9-22)	19,195.19	1,598.24
26 56 13 00-0612	EA	70' High, Round Tapered, Spun Concrete Area Light Pole, Direct Burial (Lithonia SPRTC C2 70 9-24)	22,892.66	1,972.05
26 56 13 00-0613	EA	80' High, Round Tapered, Spun Concrete Area Light Pole, Direct Burial (Lithonia SPRTC C1 80 9-26)	27,160.78	2,664.00
26 56 13 00-0614		Cast Iron Decorative Light Posts *(26 56 13 00-0177)*		
26 56 13 00-0615		Round Tapered, Cast Iron Decorative Light Post, Anchor Base *(26 56 13 00-0614)* Note: As manufactured by Hadco and King Luminaries or an approved equal.		
26 56 13 00-0616	EA	10' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base	1,356.91	177.58
26 56 13 00-0617	EA	12' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base	1,437.50	204.58
26 56 13 00-0618	EA	14' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base	1,555.54	213.10
26 56 13 00-0619	EA	16' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base	1,906.24	248.61
26 56 13 00-0620	EA	18' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base	2,218.71	269.93
26 56 13 00-0621	EA	20' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base	2,545.89	291.23
26 56 13 00-0622		Landscape Light Poles *(26 56 13 00-0001)* Note: Excludes lighting fixtures.		
26 56 13 00-0623		Aluminum Landscape Light Poles *(26 56 13 00-0622)* Note: Includes painted finish.		
26 56 13 00-0624		Round Straight, Aluminum Landscape Light Poles *(26 56 13 00-0623)*		
26 56 13 00-0625		Round Straight, Aluminum Landscape Light Poles, Anchor Base *(26 56 13 00-0624)*		
26 56 13 00-0626	EA	7' High, 3" OD, Round Straight, Aluminum Landscape Light Pole, Anchor Base	513.23	213.10
26 56 13 00-0627	EA	12' High, 3" OD, Round Straight, Aluminum Landscape Light Pole, Anchor Base	843.71	284.13
26 56 13 00-0628		Round Straight, Aluminum Landscape Light Poles, Direct Burial *(26 56 13 00-0624)*		
26 56 13 00-0629	EA	7' High, 3" OD, Round Straight, Aluminum Landscape Light Pole, Direct Burial	472.27	213.10
26 56 13 00-0630	EA	12' High, 3" OD, Round Straight, Aluminum Landscape Light Pole, Direct Burial	802.75	284.13
26 56 13 00-0631		Steel Landscape Light Poles *(26 56 13 00-0622)* Note: Includes painted finish.		
26 56 13 00-0632		Round Straight, Steel Landscape Light Poles *(26 56 13 00-0631)*		
26 56 13 00-0633		Round Straight, Steel Landscape Light Poles, Anchor Base *(26 56 13 00-0632)*		
26 56 13 00-0634	EA	6'-8" High, 3" OD, Round Straight, Steel Landscape Light Pole, Anchor Base	570.61	213.10
26 56 13 00-0635		Round Straight, Steel Landscape Light Poles, Direct Burial *(26 56 13 00-0632)*		
26 56 13 00-0636	EA	6'-8" High, 3" OD, Round Straight, Steel Landscape Light Pole, Direct Burial	538.26	213.10
26 56 13 00-0637		Light Pole Brackets And Arms *(26 56 13 00-0001)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0638		Light Pole Brackets *(26 56 13 00-0637)*		
26 56 13 00-0639		Bullhorn Style, Pole Top Area Light Brackets *(26 56 13 00-0638)*		
26 56 13 00-0640		Round Bullhorn Style, Pole Top Area Light Brackets *(26 56 13 00-0639)*		
26 56 13 00-0641		Steel, Round Bullhorn Style, Pole Top Area Light Brackets *(26 56 13 00-0640)*		
		Note: Includes powdercoat finish.		
26 56 13 00-0642	EA	Two Tenons At 180 Degrees, Steel, Round Bullhorn Style, Pole Top Area Light Bracket	664.34	42.62
		For Galvanized Finish, Add	*57.91*	
26 56 13 00-0643	EA	Three Tenons At 180 Degrees, Steel, Round Bullhorn Style, Pole Top Area Light Bracket	839.06	42.62
		For Galvanized Finish, Add	*75.38*	
26 56 13 00-0644	EA	Three Tenons At 120 Degrees, Steel, Round Bullhorn Style, Pole Top Area Light Bracket	892.39	42.62
		For Galvanized Finish, Add	*80.72*	
26 56 13 00-0645	EA	Four Tenons At 90 Degrees, Steel, Round Bullhorn Style, Pole Top Area Light Bracket	1,221.60	42.62
		For Galvanized Finish, Add	*113.64*	
26 56 13 00-0646	EA	Four Tenons At 180 Degrees, Steel, Round Bullhorn Style, Pole Top Area Light Bracket	1,272.87	42.62
		For Galvanized Finish, Add	*118.76*	
26 56 13 00-0647		Aluminum, Round Bullhorn Style, Pole Top Area Light Brackets *(26 56 13 00-0640)*		
		Note: Includes satin brushed or painted finish.		
26 56 13 00-0648	EA	Two Tenons At 180 Degrees, Aluminum, Round Bullhorn Style, Pole Top Area Light Bracket	244.66	42.62
		For Bronze Or Satin Anodized Finish, Add	*15.94*	
		For Black Anodized Finish, Add	*31.88*	
26 56 13 00-0649	EA	Three Tenons At 120 Degrees, Aluminum, Round Bullhorn Style, Pole Top Area Light Bracket	295.51	42.62
		For Bronze Or Satin Anodized Finish, Add	*21.03*	
		For Black Anodized Finish, Add	*42.05*	
26 56 13 00-0650	EA	Three Tenons At 180 Degrees, Aluminum, Round Bullhorn Style, Pole Top Area Light Bracket	309.20	42.62
		For Bronze Or Satin Anodized Finish, Add	*22.40*	
		For Black Anodized Finish, Add	*44.79*	
26 56 13 00-0651	EA	Four Tenons At 90 Degrees, Aluminum, Round Bullhorn Style, Pole Top Area Light Bracket	357.13	42.62
		For Bronze Or Satin Anodized Finish, Add	*27.19*	
		For Black Anodized Finish, Add	*54.38*	
26 56 13 00-0652	EA	Four Tenons At 180 Degrees, Aluminum, Round Bullhorn Style, Pole Top Area Light Bracket	366.91	42.62
		For Bronze Or Satin Anodized Finish, Add	*28.17*	
		For Black Anodized Finish, Add	*56.33*	
26 56 13 00-0653		Square Bullhorn Style, Pole Top Area Light Brackets *(26 56 13 00-0639)*		
26 56 13 00-0654		Steel, Square Bullhorn Style, Pole Top Area Light Brackets *(26 56 13 00-0653)*		
		Note: Includes powdercoat finish.		
26 56 13 00-0655	EA	Two Tenons At 180 Degrees, Steel, Square Bullhorn Style, Pole Top Area Light Bracket	714.23	42.62
		For Galvanized Finish, Add	*62.90*	
26 56 13 00-0656	EA	Three Tenons At 180 Degrees, Steel, Square Bullhorn Style, Pole Top Area Light Bracket	881.59	42.62
		For Galvanized Finish, Add	*79.64*	
26 56 13 00-0657	EA	Four Tenons At 180 Degrees, Steel, Square Bullhorn Style, Pole Top Area Light Bracket	1,078.15	42.62
		For Galvanized Finish, Add	*99.29*	
26 56 13 00-0658	EA	Four Tenons At 90 Degrees, Steel, Square Bullhorn Style, Pole Top Area Light Bracket	1,275.62	42.62
		For Galvanized Finish, Add	*119.04*	
26 56 13 00-0659		Wood Pole Clamp On Style, Pole Top Area Light Brackets *(26 56 13 00-0638)*		
26 56 13 00-0660		Steel, Wood Pole Clamp On Style, Pole Top Area Light Brackets *(26 56 13 00-0659)*		
		Note: Includes powdercoat finish.		
26 56 13 00-0661	EA	One Tenon, Steel, Wood Pole Clamp On Style, Pole Top Area Light Bracket	677.72	71.03
26 56 13 00-0662	EA	Two Tenons At 90, 120 Or 180 Degrees, Steel, Wood Pole Clamp On Style, Pole Top Area Light Bracket	1,020.26	71.03
26 56 13 00-0663	EA	Three Tenons At 120 Degrees, Steel, Wood Pole Clamp On Style, Pole Top Area Light Bracket	1,425.56	71.03
26 56 13 00-0664	EA	Four Tenons At 90 Degrees, Steel, Wood Pole Clamp On Style, Pole Top Area Light Bracket	1,558.90	71.03
26 56 13 00-0665		Light Pole Arms *(26 56 13 00-0637)*		
26 56 13 00-0666		Wood Pole Streetlight Arms *(26 56 13 00-0665)*		
26 56 13 00-0667		Steel, Wood Pole Streetlight Arms *(26 56 13 00-0666)*		
26 56 13 00-0668	EA	1-1/4" Arm Diameter, 2-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount	395.00	63.93
26 56 13 00-0669	EA	1-1/4" Arm Diameter, 3-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount	418.17	71.03
26 56 13 00-0670	EA	1-1/4" Arm Diameter, 5-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount	485.18	88.79
26 56 13 00-0671	EA	2" Arm Diameter, 3-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount	582.31	71.03
26 56 13 00-0672	EA	2" Arm Diameter, 5-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount	648.86	88.79
26 56 13 00-0673	EA	2" Arm Diameter, 7-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount	787.60	106.55
26 56 13 00-0674		Aluminum, Wood Pole Streetlight Arms *(26 56 13 00-0666)*		
26 56 13 00-0675	EA	1-1/4" Arm Diameter, 42" Arm Length, Aluminum Arm, Wood Pole Streetlight Arm, Bolt Mount	251.58	71.03
26 56 13 00-0676	EA	2" Arm Diameter, 42" Arm Length, Aluminum Arm, Wood Pole Streetlight Arm, Bolt Mount	307.75	71.03
26 56 13 00-0677	EA	2" Arm Diameter, 66" Arm Length, Aluminum Arm, Wood Pole Streetlight Arm, Bolt Mount	409.99	88.79
26 56 13 00-0678	EA	2" Arm Diameter, 90" Arm Length, Aluminum Arm, Wood Pole Streetlight Arm, Bolt Mount	535.51	106.55
26 56 13 00-0679		Area Light Arms *(26 56 13 00-0665)*		

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0680		**Steel Area Light Arms** *(26 56 13 00-0679)*		
26 56 13 00-0681	EA	Single, 2.38" Arm Diameter, 4' Arm Length, Upsweep Style, Steel Area Light Arm, Hub Mount	752.80	71.03
26 56 13 00-0682	EA	Two, 2.38" Arm Diameter, 4' Arm Length, Upsweep Style, Steel Area Light Arms, Hub Mount	1,179.73	78.13
26 56 13 00-0683	EA	Three, 2.38" Arm Diameter, 4' Arm Length, Upsweep Style, Steel Area Light Arms, Hub Mount	1,310.84	85.24
26 56 13 00-0684	EA	Four, 2.38" Arm Diameter, 4' Arm Length, Upsweep Style, Steel Area Light Arms, Hub Mount	1,556.45	92.35
26 56 13 00-0685	EA	Single, 2.38" Arm Diameter, 6' Arm Length, Upsweep Style, Steel Area Light Arm, Hub Mount	898.06	88.79
26 56 13 00-0686	EA	Two, 2.38" Arm Diameter, 6' Arm Length, Upsweep Style, Steel Area Light Arms, Hub Mount	1,282.04	95.89
26 56 13 00-0687		**Aluminum Area Light Arms** *(26 56 13 00-0679)*		
26 56 13 00-0688	EA	Single, 4' Arm Length, Mast Style, Aluminum Area Light Arm, Bolt Mount	301.49	71.03
26 56 13 00-0689	EA	Single, 6' Arm Length, Mast Style, Aluminum Area Light Arm, Bolt Mount	372.20	88.79
26 56 13 00-0690	EA	Single, 8' Arm Length, Mast Style, Aluminum Area Light Arm, Bolt Mount	444.89	106.55
26 56 13 00-0691	EA	Single, 4' Arm Length, Mast Style, Aluminum Area Light Arm, Hub Mount	299.53	71.03
26 56 13 00-0692	EA	Two, 4' Arm Length, Mast Style, Aluminum Area Light Arms, Hub Mount	419.35	78.13
26 56 13 00-0693	EA	Single, 6' Arm Length, Mast Style, Aluminum Area Light Arm, Hub Mount	368.29	88.79
26 56 13 00-0694	EA	Two, 6' Arm Length, Mast Style, Aluminum Area Light Arms, Hub Mount	511.59	95.89
26 56 13 00-0695	EA	Single, 8' Arm Length, Mast Style, Aluminum Area Light Arm, Hub Mount	446.84	106.55
26 56 13 00-0696	EA	Two, 8' Arm Length, Mast Style, Aluminum Area Light Arms, Hub Mount	620.46	113.65
26 56 13 00-0697		**Removal And Reinstallation Of Lighting Pole** *(26 56 13 00-0001)*		
26 56 13 00-0698	EA	Removal And Relocation Of Up To 45' Lighting Pole And Standards With One Or Two Arms	2,344.32	
26 56 13 00-0699		**High Mast Lighting** *(26 56 13 00-0001)*		
26 56 13 00-0700		**High Mast Lighting Assemblies** *(26 56 13 00-0699)*		
		Note: Includes non-latching system, ring assembly with internal bumper, acrylic top cover, pulley supports, cast arm filter for pipe tension, transition assembly, standard head frame assembly, standard hoist, and powder coated pole.		
26 56 13 00-0701	EA	60' High Mast Lighting Assembly	58,864.98	2,189.04
26 56 13 00-0702	EA	70' High Mast Lighting Assembly	62,180.67	2,292.70
26 56 13 00-0703	EA	80' High Mast Lighting Assembly	65,531.40	2,442.44
26 56 13 00-0704	EA	90' High Mast Lighting Assembly	68,915.16	2,638.25
26 56 13 00-0705	EA	100' High Mast Lighting Assembly	72,316.68	2,880.07
26 56 13 00-0706	EA	110' High Mast Lighting Assembly	76,693.84	3,168.29
26 56 13 00-0707	EA	120' High Mast Lighting Assembly	80,228.05	3,456.28
26 56 13 00-0708	EA	130' High Mast Lighting Assembly	83,491.05	3,744.27
26 56 13 00-0709	EA	140' High Mast Lighting Assembly	87,025.26	4,032.40
26 56 13 00-0710	EA	150' High Mast Lighting Assembly	91,326.87	4,320.38
26 56 13 00-0711		**High Mast Light Poles** *(26 56 13 00-0699)*		
26 56 13 00-0712	EA	60' High Mast Light Poles	22,340.73	1,314.70
26 56 13 00-0713	EA	70' High Mast Light Poles	25,625.28	1,376.98
26 56 13 00-0714	EA	80' High Mast Light Poles	28,931.03	1,466.93
26 56 13 00-0715	EA	90' High Mast Light Poles	32,255.98	1,584.56
26 56 13 00-0716	EA	100' High Mast Light Poles	35,602.14	1,729.87
26 56 13 00-0717	EA	110' High Mast Light Poles	38,969.51	1,902.86
26 56 13 00-0718	EA	120' High Mast Light Poles	41,513.20	2,075.85
26 56 13 00-0719	EA	130' High Mast Light Poles	41,534.88	3,847.23
26 56 13 00-0720	EA	140' High Mast Light Poles	46,327.41	2,421.81
26 56 13 00-0721	EA	150' High Mast Light Poles	49,144.34	2,594.80
26 56 13 00-0722		**High Mast Lighting Accessories** *(26 56 13 00-0699)*		
26 56 13 00-0723	EA	Bottom Latching System For High Mast Lighting	1,038.79	
26 56 13 00-0724	EA	Top Latching System For High Mast Lighting	2,938.66	
26 56 13 00-0725	EA	Centering Springs For High Mast Lighting	2,225.59	
26 56 13 00-0726	EA	Electric Power Cord For High Mast Lighting	935.97	
26 56 13 00-0727	EA	Aircraft Warning Lights For High Mast Lighting	1,744.62	
26 56 13 00-0728	EA	Internal Motorized Hoist For High Mast Lighting	19,003.09	
26 56 13 00-0729	EA	Portable Hoist Motor With Step Down Transformer For High Mast Lighting	19,114.51	
26 56 13 00-0730		**Concrete Bases** *(26 56 13 00-0001)*		
26 56 13 00-0731		**Concrete Bases, Cast In Place** *(26 56 13 00-0730)*		
		Note: Includes excavation/drilling, concrete, reinforcement, forms for exposed base, anchors/supports and backfill. Excludes conduit.		
26 56 13 00-0732	EA	Cast In Place Concrete Base For Poles Minimum Charge Note: For projects where the cast in place concrete base for poles charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	408.30	
26 56 13 00-0733	VLF	1-1/2' Diameter Concrete Base For Poles	65.88	
26 56 13 00-0734	VLF	2' Diameter Concrete Base For Poles	93.99	
26 56 13 00-0735	VLF	2-1/2' Diameter Concrete Base For Poles	128.25	
26 56 13 00-0736	VLF	3' Diameter Concrete Base For Poles	169.80	
26 56 13 00-0737	VLF	3-1/2' Diameter Concrete Base For Poles	228.43	
26 56 13 00-0738	VLF	4' Diameter Concrete Base For Poles	288.39	
26 56 13 00-0739	VLF	5' Diameter Concrete Base For Poles	420.82	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0740	VLF	6' Diameter Concrete Base For Poles	580.54	

26 56 18 Incandescent Exterior Lighting *(26 56)*

26 56 18 00-0001 Exterior Globe *(26 56 18)*

26 56 18 00-0002 Incandescent, Exterior Globe *(26 56 18 00-0001)*

26 56 18 00-0003	EA	100 Watt Incandescent, Enclosed And Gasketed, Exterior Wall Fixture	62.11	23.45
26 56 18 00-0004	EA	150 To 200 Watt Incandescent, Enclosed And Gasketed, Exterior Wall Fixture	93.80	23.45
26 56 18 00-0005	EA	100 Watt Incandescent, Enclosed And Gasketed With Guard, Exterior Wall Fixture	72.07	23.45
26 56 18 00-0006	EA	150 To 200 Watt Incandescent, Enclosed And Gasketed With Guard, Exterior Wall Fixture	97.63	23.45

26 56 18 00-0007 Compact Fluorescent And Incandescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixtures *(26 56 18)*

Note: Includes cast aluminum powder coated housing, polycarbonate lens and tamperproof screws.

26 56 18 00-0008	EA	7 Watt Fluorescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	276.18	93.77
26 56 18 00-0009	EA	9 Watt Fluorescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	287.95	99.64
26 56 18 00-0010	EA	13 Or 14 Watt Fluorescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	317.02	105.49
26 56 18 00-0011	EA	75 Watt Incandescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	309.87	117.22
26 56 18 00-0012	EA	100 Watt Incandescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	348.36	134.80

26 56 19 LED Exterior Lighting *(26 56)*

26 56 19 00-0001 LED, Wall Packs *(26 56 19)*

26 56 19 00-0002 Full Cutoff, LED Wall Packs *(26 56 19 00-0001)*

26 56 19 00-0003 Full Cutoff, LED Wall Packs (Lithonia) *(26 56 19 00-0002)*

26 56 19 00-0004	EA	30 LEDs, 57 Watt, 530 mA Drive Current, Full Cutoff, LED Wall Pack (Lithonia CSXW LED)	1,007.59	124.72
		For >50 To 100, Deduct	*-50.38*	
		For >100 To 250, Deduct	*-75.57*	
		For >250 To 500, Deduct	*-119.71*	
		For >500 To 1,000, Deduct	*-163.86*	
		For >1,000, Deduct	*-208.00*	
26 56 19 00-0005	EA	30 LEDs, 35 Watt, 350 mA Drive Current, Full Cutoff, LED Wall Pack (Lithonia CSXW LED)	1,089.89	124.72
		For >50 To 100, Deduct	*-54.49*	
		For >100 To 250, Deduct	*-81.74*	
		For >250 To 500, Deduct	*-130.00*	
		For >500 To 1,000, Deduct	*-178.26*	
		For >1,000, Deduct	*-226.52*	

26 56 19 00-0006 Full Cutoff, LED Wall Packs (CREE® BetaLED®) *(26 56 19 00-0002)*

26 56 19 00-0007 Wall Mount, Full Cutoff, LED Wall Packs (CREE® BetaLED® Edge® SEC-EDG) *(26 56 19 00-0006)*

Note: UL wet listed. Includes 4,000K or 5,700K color temperature, 120-277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

26 56 19 00-0008	EA	20 LEDs, 26 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG) Note: Includes 350mA or 525mA driver.	1,035.04	121.16
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*21.88*	
		For Bird Spikes, Add	*53.48*	
		For Fuse, Add	*65.65*	
		For 0 To 10 Volt Dimming, Add	*65.65*	
		For 480 Volt, Add	*98.48*	
		For Multi-Level, Add	*142.23*	
		For >50 To 100, Deduct	*-51.75*	
		For >100 To 250, Deduct	*-77.63*	
		For >250 To 500, Deduct	*-123.32*	
		For >500 To 1,000, Deduct	*-169.02*	
		For >1,000, Deduct	*-214.71*	
26 56 19 00-0009	EA	40 LEDs, 47 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG) Note: Includes 350mA or 525mA driver.	1,336.53	128.29
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*21.88*	
		For Bird Spikes, Add	*54.19*	
		For Fuse, Add	*65.65*	
		For 0 To 10 Volt Dimming, Add	*65.65*	
		For 480 Volt, Add	*98.48*	
		For Multi-Level, Add	*142.23*	
		For >50 To 100, Deduct	*-66.83*	
		For >100 To 250, Deduct	*-100.24*	
		For >250 To 500, Deduct	*-160.65*	
		For >500 To 1,000, Deduct	*-221.06*	
		For >1,000, Deduct	*-281.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0010	EA	60 LEDs, 68 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG) Note: Includes 350mA or 525mA driver.	1,499.14	135.42
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*21.88*	
		For Bird Spikes, Add	*54.90*	
		For Fuse, Add	*65.65*	
		For 0 To 10 Volt Dimming, Add	*65.65*	
		For 480 Volt, Add	*98.48*	
		For Multi-Level, Add	*142.23*	
		For >50 To 100, Deduct	*-74.96*	
		For >100 To 250, Deduct	*-112.44*	
		For >250 To 500, Deduct	*-180.62*	
		For >500 To 1,000, Deduct	*-248.81*	
		For >1,000, Deduct	*-316.99*	
26 56 19 00-0011	EA	80 LEDs, 90 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG) Note: Includes 350mA or 525mA driver.	1,939.49	142.54
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*21.88*	
		For Bird Spikes, Add	*55.61*	
		For Fuse, Add	*65.65*	
		For 0 To 10 Volt Dimming, Add	*65.65*	
		For 480 Volt, Add	*98.48*	
		For Multi-Level, Add	*142.23*	
		For >50 To 100, Deduct	*-96.97*	
		For >100 To 250, Deduct	*-145.46*	
		For >250 To 500, Deduct	*-235.31*	
		For >500 To 1,000, Deduct	*-325.16*	
		For >1,000, Deduct	*-415.00*	
26 56 19 00-0012	EA	100 LEDs, 111 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG)	2,240.96	149.67
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*21.88*	
		For Bird Spikes, Add	*56.33*	
		For Fuse, Add	*65.65*	
		For 0 To 10 Volt Dimming, Add	*65.65*	
		For 480 Volt, Add	*98.48*	
		For Multi-Level, Add	*142.23*	
		For >50 To 100, Deduct	*-112.05*	
		For >100 To 250, Deduct	*-168.07*	
		For >250 To 500, Deduct	*-272.64*	
		For >500 To 1,000, Deduct	*-377.20*	
		For >1,000, Deduct	*-481.77*	
26 56 19 00-0013	EA	120 LEDs, 132 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG)	2,542.44	156.80
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*21.88*	
		For Bird Spikes, Add	*57.04*	
		For Fuse, Add	*65.65*	
		For 0 To 10 Volt Dimming, Add	*65.65*	
		For 480 Volt, Add	*98.48*	
		For Multi-Level, Add	*142.23*	
		For >50 To 100, Deduct	*-127.12*	
		For >100 To 250, Deduct	*-190.68*	
		For >250 To 500, Deduct	*-309.97*	
		For >500 To 1,000, Deduct	*-429.25*	
		For >1,000, Deduct	*-548.53*	

26 56 19 00-0014 Wall Mount, Full Cutoff, LED Wall Packs (CREE® BetaLED® XSPW™) *(26 56 19 00-0006)*

Note: UL wet listed. Includes 4,000K or 5,700K color temperature, 120-277 voltage, Class 2 driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

26 56 19 00-0015	EA	25 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® XSPW™)	608.53	121.16
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*21.88*	
		For 0 To 10 Volt Dimming, Add	*65.65*	
		For Multi-Level, Add	*65.65*	
		For >50 To 100, Deduct	*-30.43*	
		For >100 To 250, Deduct	*-45.64*	
		For >250 To 500, Deduct	*-70.01*	
		For >500 To 1,000, Deduct	*-94.38*	
		For >1,000, Deduct	*-118.75*	
26 56 19 00-0016	EA	42 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® XSPW™)	708.23	128.29
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*21.88*	
		For 0 To 10 Volt Dimming, Add	*65.65*	
		For Multi-Level, Add	*65.65*	
		For >50 To 100, Deduct	*-35.41*	
		For >100 To 250, Deduct	*-53.12*	
		For >250 To 500, Deduct	*-82.11*	
		For >500 To 1,000, Deduct	*-111.11*	
		For >1,000, Deduct	*-140.11*	

26 56 19 00-0017 Full Cutoff, LED Wall Packs (McGraw-Edison) *(26 56 19 00-0002)*

26 56 19 00-0018	EA	One 7 LED Light Bar, 27 System Watts, 1 A Drive Current, Full Cutoff, LED Wall Pack (McGraw-Edison IST)	1,335.93	121.16
26 56 19 00-0019	EA	Two 7 LED Light Bars, 54 System Watts, 1 A Drive Current, Full Cutoff, LED Wall Pack (McGraw-Edison IST)	1,660.70	128.29
26 56 19 00-0020	EA	One 21 LED Light Bar, 27 System Watts, 350 mA Drive Current, Full Cutoff, LED Wall Pack (McGraw-Edison IST)	1,351.92	121.16
26 56 19 00-0021	EA	Two 21 LED Light Bars, 51 System Watts, 350 mA Drive Current, Full Cutoff, LED Wall Pack (McGraw-Edison IST)	1,806.82	128.29

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0022		**Open Face LED Wall Pack** *(26 56 19 00-0001)* Note: Heavy-duty cast aluminum housing is polyester powder coated to be rust and corrosion proof, High-quality shatter-resistant glass		
26 56 19 00-0023	EA	3,640 Lumens, 28 Watt, Open Face LED Wall Pack, With Motion Sensor (Maxlite WP-OP28U-50B-MS)	744.09	128.30
		For >50 To 100, Deduct	*-37.20*	
		For >100 To 250, Deduct	*-55.81*	
		For >250 To 500, Deduct	*-83.39*	
		For >500 To 1,000, Deduct	*-110.97*	
		For >1,000, Deduct	*-138.55*	
26 56 19 00-0024	EA	5,540 Lumens, 40 Watt, Open Face LED Wall Pack, With Motion Sensor (Maxlite WP-OP40U-50B-MS)	762.71	128.30
		For >50 To 100, Deduct	*-38.14*	
		For >100 To 250, Deduct	*-57.20*	
		For >250 To 500, Deduct	*-85.72*	
		For >500 To 1,000, Deduct	*-114.23*	
		For >1,000, Deduct	*-142.74*	
26 56 19 00-0025	EA	7,065 Lumens, 50 Watt, Open Face LED Wall Pack, With Motion Sensor (Maxlite WP-OP50U-50B-MS)	802.76	128.30
		For >50 To 100, Deduct	*-40.14*	
		For >100 To 250, Deduct	*-60.21*	
		For >250 To 500, Deduct	*-90.72*	
		For >500 To 1,000, Deduct	*-121.24*	
		For >1,000, Deduct	*-151.76*	
26 56 19 00-0026	EA	11,375 Lumens, 80 Watt, Open Face LED Wall Pack, With Motion Sensor (Maxlite WP-OP80U-50B-MS)	837.22	128.30
		For >50 To 100, Deduct	*-41.86*	
		For >100 To 250, Deduct	*-62.79*	
		For >250 To 500, Deduct	*-95.03*	
		For >500 To 1,000, Deduct	*-127.27*	
		For >1,000, Deduct	*-159.51*	
26 56 19 00-0027	EA	16,945 Lumens, 120 Watt, Open Face LED Wall Pack, With Motion Sensor (Maxlite WP-OP120U-50B-MS)	898.41	128.30
		For >50 To 100, Deduct	*-44.92*	
		For >100 To 250, Deduct	*-67.38*	
		For >250 To 500, Deduct	*-102.68*	
		For >500 To 1,000, Deduct	*-137.98*	
		For >1,000, Deduct	*-173.28*	
26 56 19 00-0028		**Wall Pack Accessories** *(26 56 19 00-0001)*		
26 56 19 00-0029	EA	Photocell For Wall Pack	144.60	32.08
26 56 19 00-0030	EA	Wire Guard For Mini And Small Wall Pack	161.42	32.08
26 56 19 00-0031	EA	Wire Guard For Medium And Large Wall Pack	231.76	32.08
26 56 19 00-0032	EA	Clear Polycarbonate Vandal Guard For Wall Packs	333.26	32.08
26 56 19 00-0033	EA	Full Cutoff Visor For Wall Pack	156.83	32.08
26 56 19 00-0034		**LED, Roadway Lighting** *(26 56 19)*		
26 56 19 00-0035		**LED Roadway Lighting (Philips Lumec)** *(26 56 19 00-0034)*		
26 56 19 00-0036		**Horizontal Tenon Mount, LED Cobra Head Street Lights (Philips Lumec GPL Series)** *(26 56 19 00-0035)* Note: UL wet listed. Includes 4,000K color temperature, 120-480 voltage, 570mA driver, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.		
26 56 19 00-0037	EA	49 LEDs, 102 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (Philips Lumec GPLS Series)	1,495.70	171.41
		For >50 To 100, Deduct	*-74.79*	
		For >100 To 250, Deduct	*-112.18*	
		For >250 To 500, Deduct	*-178.39*	
		For >500 To 1,000, Deduct	*-244.61*	
		For >1,000, Deduct	*-310.82*	
26 56 19 00-0038	EA	98 LEDs, 204 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (Philips Lumec GPLM Series)	2,319.19	176.04
		For >50 To 100, Deduct	*-115.96*	
		For >100 To 250, Deduct	*-173.94*	
		For >250 To 500, Deduct	*-281.10*	
		For >500 To 1,000, Deduct	*-388.25*	
		For >1,000, Deduct	*-495.41*	
26 56 19 00-0039		**Horizontal Tenon Mount, LED Cobra Head Street Lights (Philips Lumec RFM Series)** *(26 56 19 00-0035)* Note: UL wet listed. Includes 3,000 to 4,000K color temperature, 120-277 voltage, up to 1050mA driver, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.		
26 56 19 00-0040	EA	48 LEDs, 55 Watt, Type III Medium, 120-277 Volt, Horizontal Tenon Mount, LED Cobra Head Street Light (Philips Lumec RFM Series)	1,205.93	171.41
		For >50 To 100, Deduct	*-60.30*	
		For >100 To 250, Deduct	*-90.44*	
		For >250 To 500, Deduct	*-142.17*	
		For >500 To 1,000, Deduct	*-193.90*	
		For >1,000, Deduct	*-245.62*	
26 56 19 00-0041	EA	48 LEDs, 80 Watt, Type III Medium, 120-277 Volt, RoadFocus Roadway, LED Cobra Head Luminaire (Philips Lumec RFM Series)	1,292.24	171.41
		For >50 To 100, Deduct	*-64.61*	
		For >100 To 250, Deduct	*-96.92*	
		For >250 To 500, Deduct	*-152.96*	
		For >500 To 1,000, Deduct	*-209.00*	
		For >1,000, Deduct	*-265.04*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0042	EA	48 LEDs, 108 Watt, Type III Medium, 120-277 Volt, RoadFocus Roadway, LED Cobra Head Luminaire (Philips Lumec RFM Series)	1,378.55	171.41
		For >50 To 100, Deduct	*-68.93*	
		For >100 To 250, Deduct	*-103.39*	
		For >250 To 500, Deduct	*-163.75*	
		For >500 To 1,000, Deduct	*-224.11*	
		For >1,000, Deduct	*-284.46*	

26 56 19 00-0043 LED Roadway Lighting (Lithonia) *(26 56 19 00-0034)*

26 56 19 00-0044 Horizontal Tenon Mount, LED Cobra Head Street Lights (Lithonia CSX1 Series) *(26 56 19 00-0043)*

Note: UL wet listed. Includes 4,000K color temperature, 120-480 voltage, 700mA driver, die-cast extruded aluminum housing assembly and bronze powder coat finish. Excludes sensors.

26 56 19 00-0045	EA	30 LEDs, 74 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (Lithonia CSX1 Series)	2,426.73	162.14
		For >50 To 100, Deduct	*-121.34*	
		For >100 To 250, Deduct	*-182.00*	
		For >250 To 500, Deduct	*-295.23*	
		For >500 To 1,000, Deduct	*-408.46*	
		For >1,000, Deduct	*-521.69*	
26 56 19 00-0046	EA	60 LEDs, 146 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (Lithonia CSX1 Series)	4,022.03	166.77
		For >50 To 100, Deduct	*-201.10*	
		For >100 To 250, Deduct	*-301.65*	
		For >250 To 500, Deduct	*-494.42*	
		For >500 To 1,000, Deduct	*-687.18*	
		For >1,000, Deduct	*-879.94*	

26 56 19 00-0047 LED Roadway Lighting (CREE® BetaLED®) *(26 56 19 00-0034)*

26 56 19 00-0048 Horizontal Tenon Mount, LED Cobra Head Street Lights (CREE® BetaLED® LEDway® STR-LWY) *(26 56 19 00-0047)*

Note: UL wet listed. Includes 6,000K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Includes Type II Medium, Type II Short or Type III Medium optic. Excludes sensors.

26 56 19 00-0049	EA	20 LEDs, 25 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	949.58	157.51
		For >50 To 100, Deduct	*-47.48*	
		For >100 To 250, Deduct	*-71.22*	
		For >250 To 500, Deduct	*-110.82*	
		For >500 To 1,000, Deduct	*-150.43*	
		For >1,000, Deduct	*-190.03*	
26 56 19 00-0050	EA	30 LEDs, 35 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,066.46	162.14
		For >50 To 100, Deduct	*-53.32*	
		For >100 To 250, Deduct	*-79.98*	
		For >250 To 500, Deduct	*-125.20*	
		For >500 To 1,000, Deduct	*-170.42*	
		For >1,000, Deduct	*-215.63*	
26 56 19 00-0051	EA	40 LEDs, 45 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,207.47	166.77
		For >50 To 100, Deduct	*-60.37*	
		For >100 To 250, Deduct	*-90.56*	
		For >250 To 500, Deduct	*-142.60*	
		For >500 To 1,000, Deduct	*-194.63*	
		For >1,000, Deduct	*-246.66*	
26 56 19 00-0052	EA	50 LEDs, 55 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,326.20	171.41
		For >50 To 100, Deduct	*-66.31*	
		For >100 To 250, Deduct	*-99.47*	
		For >250 To 500, Deduct	*-157.20*	
		For >500 To 1,000, Deduct	*-214.94*	
		For >1,000, Deduct	*-272.68*	
26 56 19 00-0053	EA	60 LEDs, 65 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,444.94	176.04
		For >50 To 100, Deduct	*-72.25*	
		For >100 To 250, Deduct	*-108.37*	
		For >250 To 500, Deduct	*-171.82*	
		For >500 To 1,000, Deduct	*-235.26*	
		For >1,000, Deduct	*-298.71*	
26 56 19 00-0054	EA	70 LEDs, 75 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,726.95	180.67
		For >50 To 100, Deduct	*-86.35*	
		For >100 To 250, Deduct	*-129.52*	
		For >250 To 500, Deduct	*-206.84*	
		For >500 To 1,000, Deduct	*-284.15*	
		For >1,000, Deduct	*-361.46*	
26 56 19 00-0055	EA	80 LEDs, 86 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,845.70	185.31
		For >50 To 100, Deduct	*-92.29*	
		For >100 To 250, Deduct	*-138.43*	
		For >250 To 500, Deduct	*-221.45*	
		For >500 To 1,000, Deduct	*-304.47*	
		For >1,000, Deduct	*-387.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0056	EA	90 LEDs, 96 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,962.57	189.94
		For >50 To 100, Deduct	*-98.13*	
		For >100 To 250, Deduct	*-147.19*	
		For >250 To 500, Deduct	*-235.82*	
		For >500 To 1,000, Deduct	*-324.46*	
		For >1,000, Deduct	*-413.09*	
26 56 19 00-0057	EA	100 LEDs, 111 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	2,190.78	194.57
		For >50 To 100, Deduct	*-109.54*	
		For >100 To 250, Deduct	*-164.31*	
		For >250 To 500, Deduct	*-264.12*	
		For >500 To 1,000, Deduct	*-363.93*	
		For >1,000, Deduct	*-463.74*	
26 56 19 00-0058	EA	110 LEDs, 122 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	2,309.52	199.20
		For >50 To 100, Deduct	*-115.48*	
		For >100 To 250, Deduct	*-173.21*	
		For >250 To 500, Deduct	*-278.73*	
		For >500 To 1,000, Deduct	*-384.25*	
		For >1,000, Deduct	*-489.76*	
26 56 19 00-0059	EA	120 LEDs, 133 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	2,428.26	203.84
		For >50 To 100, Deduct	*-121.41*	
		For >100 To 250, Deduct	*-182.12*	
		For >250 To 500, Deduct	*-293.34*	
		For >500 To 1,000, Deduct	*-404.56*	
		For >1,000, Deduct	*-515.78*	

26 56 19 00-0060 Surface Mount, LED Transportation Fixtures (CREE® BetaLED® Edge® TSP-EDG) *(26 56 19 00-0047)*

Note: Direct, cantenary or pendant mount. UL wet listed. Includes 5,700K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

26 56 19 00-0061	EA	40 LEDs, 47 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)	1,884.71	166.77
		For Multi-Level Drive Currents, Add	*259.76*	
		For >50 To 100, Deduct	*-94.24*	
		For >100 To 250, Deduct	*-141.35*	
		For >250 To 500, Deduct	*-227.25*	
		For >500 To 1,000, Deduct	*-313.15*	
		For >1,000, Deduct	*-399.04*	
26 56 19 00-0062	EA	60 LEDs, 68 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)	2,175.99	176.04
		For Multi-Level Drive Currents, Add	*259.76*	
		For >50 To 100, Deduct	*-108.80*	
		For >100 To 250, Deduct	*-163.20*	
		For >250 To 500, Deduct	*-263.20*	
		For >500 To 1,000, Deduct	*-363.19*	
		For >1,000, Deduct	*-463.19*	
26 56 19 00-0063	EA	80 LEDs, 90 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)	2,467.27	185.31
		For Multi-Level Drive Currents, Add	*259.76*	
		For >50 To 100, Deduct	*-123.36*	
		For >100 To 250, Deduct	*-185.05*	
		For >250 To 500, Deduct	*-299.14*	
		For >500 To 1,000, Deduct	*-413.24*	
		For >1,000, Deduct	*-527.34*	
26 56 19 00-0064	EA	100 LEDs, 111 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)	2,758.55	194.57
		For Multi-Level Drive Currents, Add	*259.76*	
		For >50 To 100, Deduct	*-137.93*	
		For >100 To 250, Deduct	*-206.89*	
		For >250 To 500, Deduct	*-335.09*	
		For >500 To 1,000, Deduct	*-463.29*	
		For >1,000, Deduct	*-591.49*	
26 56 19 00-0065	EA	120 LEDs, 132 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)	3,628.74	203.84
		For Multi-Level Drive Currents, Add	*259.76*	
		For >50 To 100, Deduct	*-181.44*	
		For >100 To 250, Deduct	*-272.16*	
		For >250 To 500, Deduct	*-443.40*	
		For >500 To 1,000, Deduct	*-614.65*	
		For >1,000, Deduct	*-785.89*	
26 56 19 00-0066	EA	140 LEDs, 157 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)	3,920.02	213.09
		For Multi-Level Drive Currents, Add	*259.76*	
		For >50 To 100, Deduct	*-196.00*	
		For >100 To 250, Deduct	*-294.00*	
		For >250 To 500, Deduct	*-479.35*	
		For >500 To 1,000, Deduct	*-664.69*	
		For >1,000, Deduct	*-850.04*	
26 56 19 00-0067	EA	160 LEDs, 179 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)	4,211.30	222.36
		For Multi-Level Drive Currents, Add	*259.76*	
		For >50 To 100, Deduct	*-210.57*	
		For >100 To 250, Deduct	*-315.85*	
		For >250 To 500, Deduct	*-515.29*	
		For >500 To 1,000, Deduct	*-714.74*	
		For >1,000, Deduct	*-914.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0068		Horizontal Tenon Mount, LED Cobra Head Street Lights (CREE® BetaLED® XSP) *(26 56 19 00-0047)*		
		Note: UL wet listed. Includes 120-277 voltage, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0069	EA	4,806 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP1™ BXSP-B-HT-XXX-A)	790.81	166.77
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*21.88*	
		For Backlight Control Shield, Add	*37.37*	
		For Field Adjustable Output, Add	*32.83*	
		For Bird Spikes, Add	*58.04*	
		For Field Adjustable Output And Utility Label, Add	*43.77*	
		For Fuse, Add	*65.65*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*65.65*	
		For 480 Volt, Add	*98.48*	
		For Multi-Level, Add	*142.23*	
		For >50 To 100, Deduct	*-39.54*	
		For >100 To 250, Deduct	*-59.31*	
		For >250 To 500, Deduct	*-90.51*	
		For >500 To 1,000, Deduct	*-121.71*	
		For >1,000, Deduct	*-152.92*	
26 56 19 00-0070	EA	5,340 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP1™ BXSP-B-HT-XXX-A)	790.81	166.77
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*21.88*	
		For Backlight Control Shield, Add	*37.37*	
		For Field Adjustable Output, Add	*32.83*	
		For Bird Spikes, Add	*58.04*	
		For Field Adjustable Output And Utility Label, Add	*43.77*	
		For Fuse, Add	*65.65*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*65.65*	
		For 480 Volt, Add	*98.48*	
		For Multi-Level, Add	*142.23*	
		For >50 To 100, Deduct	*-39.54*	
		For >100 To 250, Deduct	*-59.31*	
		For >250 To 500, Deduct	*-90.51*	
		For >500 To 1,000, Deduct	*-121.71*	
		For >1,000, Deduct	*-152.92*	
26 56 19 00-0071	EA	8,407 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP1™ BXSP-C-HT-XXX-E)	873.52	166.77
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*21.88*	
		For Backlight Control Shield, Add	*37.37*	
		For Field Adjustable Output, Add	*32.83*	
		For Bird Spikes, Add	*58.04*	
		For Field Adjustable Output And Utility Label, Add	*43.77*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*65.65*	
		For 480 Volt, Add	*98.48*	
		For >50 To 100, Deduct	*-43.68*	
		For >100 To 250, Deduct	*-65.51*	
		For >250 To 500, Deduct	*-100.85*	
		For >500 To 1,000, Deduct	*-136.19*	
		For >1,000, Deduct	*-171.53*	
26 56 19 00-0072	EA	8,820 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP1™ BXSP-C-HT-XXX-E)	873.52	166.77
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*21.88*	
		For Backlight Control Shield, Add	*37.37*	
		For Field Adjustable Output, Add	*32.83*	
		For Bird Spikes, Add	*58.04*	
		For Field Adjustable Output And Utility Label, Add	*43.77*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*65.65*	
		For 480 Volt, Add	*98.48*	
		For >50 To 100, Deduct	*-43.68*	
		For >100 To 250, Deduct	*-65.51*	
		For >250 To 500, Deduct	*-100.85*	
		For >500 To 1,000, Deduct	*-136.19*	
		For >1,000, Deduct	*-171.53*	
26 56 19 00-0073	EA	9,612 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP2™ BXSP-B-HT-XXX-B)	1,020.57	166.77
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*21.88*	
		For Field Adjustable Output, Add	*32.83*	
		For Backlight Control Shield, Add	*53.44*	
		For Field Adjustable Output And Utility Label, Add	*43.77*	
		For Fuse, Add	*65.65*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*65.65*	
		For Bird Spikes, Add	*94.81*	
		For 480 Volt, Add	*98.48*	
		For Multi-Level, Add	*142.23*	
		For >50 To 100, Deduct	*-51.03*	
		For >100 To 250, Deduct	*-76.54*	
		For >250 To 500, Deduct	*-119.23*	
		For >500 To 1,000, Deduct	*-161.92*	
		For >1,000, Deduct	*-204.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0074	EA	10,680 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP2™ BXSP-B-HT-XXX-B)	1,020.57	166.77
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*21.88*	
		For Field Adjustable Output, Add	*32.83*	
		For Backlight Control Shield, Add	*53.44*	
		For Field Adjustable Output And Utility Label, Add	*43.77*	
		For Fuse, Add	*65.65*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*65.65*	
		For Bird Spikes, Add	*94.81*	
		For 480 Volt, Add	*98.48*	
		For Multi-Level, Add	*142.23*	
		For >50 To 100, Deduct	*-51.03*	
		For >100 To 250, Deduct	*-76.54*	
		For >250 To 500, Deduct	*-119.23*	
		For >500 To 1,000, Deduct	*-161.92*	
		For >1,000, Deduct	*-204.61*	
26 56 19 00-0075	EA	13,732 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP2™ BXSP-C-HT-XXX-F)	1,158.45	166.77
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*21.88*	
		For Field Adjustable Output, Add	*32.83*	
		For Backlight Control Shield, Add	*53.44*	
		For Field Adjustable Output And Utility Label, Add	*43.77*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*65.65*	
		For Bird Spikes, Add	*94.81*	
		For 480 Volt, Add	*98.48*	
		For >50 To 100, Deduct	*-57.92*	
		For >100 To 250, Deduct	*-86.88*	
		For >250 To 500, Deduct	*-136.47*	
		For >500 To 1,000, Deduct	*-186.05*	
		For >1,000, Deduct	*-235.64*	
26 56 19 00-0076	EA	14,408 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP2™ BXSP-C-HT-XXX-F)	1,158.45	166.77
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*21.88*	
		For Field Adjustable Output, Add	*32.83*	
		For Backlight Control Shield, Add	*53.44*	
		For Field Adjustable Output And Utility Label, Add	*43.77*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*65.65*	
		For Bird Spikes, Add	*94.81*	
		For 480 Volt, Add	*98.48*	
		For >50 To 100, Deduct	*-57.92*	
		For >100 To 250, Deduct	*-86.88*	
		For >250 To 500, Deduct	*-136.47*	
		For >500 To 1,000, Deduct	*-186.05*	
		For >1,000, Deduct	*-235.64*	
26 56 19 00-0077	EA	2,529 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™ BXSPR-A-O-X-X-G)	643.75	166.77
		For Utility Label, Add	*10.94*	
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*21.88*	
		For Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*32.83*	
		For 0 To 10 Volt Dimming, Add	*65.65*	
		For >50 To 100, Deduct	*-32.19*	
		For >100 To 250, Deduct	*-48.28*	
		For >250 To 500, Deduct	*-72.13*	
		For >500 To 1,000, Deduct	*-95.98*	
		For >1,000, Deduct	*-119.83*	
26 56 19 00-0078	EA	2,722 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™ BXSPR-A-O-X-X-G)	643.75	166.77
		For Utility Label, Add	*10.94*	
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*21.88*	
		For Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*32.83*	
		For 0 To 10 Volt Dimming, Add	*65.65*	
		For >50 To 100, Deduct	*-32.19*	
		For >100 To 250, Deduct	*-48.28*	
		For >250 To 500, Deduct	*-72.13*	
		For >500 To 1,000, Deduct	*-95.98*	
		For >1,000, Deduct	*-119.83*	
26 56 19 00-0079	EA	3,819 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™BXSPR-A-O-X-X-C)	678.22	166.77
		For Utility Label, Add	*10.94*	
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*21.88*	
		For Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*32.83*	
		For 0 To 10 Volt Dimming, Add	*65.65*	
		For >50 To 100, Deduct	*-33.91*	
		For >100 To 250, Deduct	*-50.87*	
		For >250 To 500, Deduct	*-76.44*	
		For >500 To 1,000, Deduct	*-102.01*	
		For >1,000, Deduct	*-127.58*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0080	EA	4,109 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™BXSPR-A-O-X-X-C)	678.22	166.77
		For Utility Label, Add	*10.94*	
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*21.88*	
		For Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*32.83*	
		For 0 To 10 Volt Dimming, Add	*65.65*	
		For >50 To 100, Deduct	*-33.91*	
		For >100 To 250, Deduct	*-50.87*	
		For >250 To 500, Deduct	*-76.44*	
		For >500 To 1,000, Deduct	*-102.01*	
		For >1,000, Deduct	*-127.58*	
26 56 19 00-0081	EA	4,548 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™ BXSPR-B-HT-XXX-A)	689.70	166.77
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*21.88*	
		For Field Adjustable Output, Add	*32.83*	
		For Field Adjustable Output And Utility Label, Add	*43.77*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*65.65*	
		For 0 To 10 Volt Dimming, Add	*65.65*	
		For >50 To 100, Deduct	*-34.49*	
		For >100 To 250, Deduct	*-51.73*	
		For >250 To 500, Deduct	*-77.87*	
		For >500 To 1,000, Deduct	*-104.02*	
		For >1,000, Deduct	*-130.17*	
26 56 19 00-0082	EA	4,627 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™ BXSPR-B-HT-XXX-A)	689.70	166.77
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*21.88*	
		For Field Adjustable Output, Add	*32.83*	
		For Field Adjustable Output And Utility Label, Add	*43.77*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*65.65*	
		For 0 To 10 Volt Dimming, Add	*65.65*	
		For >50 To 100, Deduct	*-34.49*	
		For >100 To 250, Deduct	*-51.73*	
		For >250 To 500, Deduct	*-77.87*	
		For >500 To 1,000, Deduct	*-104.02*	
		For >1,000, Deduct	*-130.17*	

26 56 19 00-0083 Horizontal Tenon Mount, LED Cobra Head Street Lights (CREE® RSW™)

(26 56 19 00-0047)

Note: UL wet listed. Includes 120-277 voltage, die-cast extruded aluminum housing assembly and gray powder coat finish. Includes utility label and NEMA® photocell receptacle. Excludes sensors.

26 56 19 00-0084	EA	3,300 Lumens, 3000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® RSW-HT-XXX-30W-30K-UL-GY-N)	666.73	166.77
		For Field Adjustable Output, Add	*32.83*	
		For Backlight Control Shield, Add	*71.39*	
		For Bird Spikes, Add	*95.46*	
		For >50 To 100, Deduct	*-33.34*	
		For >100 To 250, Deduct	*-50.00*	
		For >250 To 500, Deduct	*-75.00*	
		For >500 To 1,000, Deduct	*-100.00*	
		For >1,000, Deduct	*-125.00*	
26 56 19 00-0085	EA	3,300 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® RSW-HT-XXX-30W-40K-UL-GY-N)	666.73	166.77
		For Field Adjustable Output, Add	*32.83*	
		For Backlight Control Shield, Add	*71.39*	
		For Bird Spikes, Add	*95.46*	
		For >50 To 100, Deduct	*-33.34*	
		For >100 To 250, Deduct	*-50.00*	
		For >250 To 500, Deduct	*-75.00*	
		For >500 To 1,000, Deduct	*-100.00*	
		For >1,000, Deduct	*-125.00*	
26 56 19 00-0086	EA	5,000 Lumens, 3000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® RSW-HT-2ME-50W-30K-UL-GY-N)	689.70	166.77
		For Field Adjustable Output, Add	*32.83*	
		For Backlight Control Shield, Add	*71.39*	
		For Bird Spikes, Add	*95.46*	
		For >50 To 100, Deduct	*-34.49*	
		For >100 To 250, Deduct	*-51.73*	
		For >250 To 500, Deduct	*-77.87*	
		For >500 To 1,000, Deduct	*-104.02*	
		For >1,000, Deduct	*-130.17*	
26 56 19 00-0087	EA	5,000 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® RSW-HT-2ME-50W-40K-UL-GY-N)	689.70	166.77
		For Field Adjustable Output, Add	*32.83*	
		For Backlight Control Shield, Add	*71.39*	
		For Bird Spikes, Add	*95.46*	
		For >50 To 100, Deduct	*-34.49*	
		For >100 To 250, Deduct	*-51.73*	
		For >250 To 500, Deduct	*-77.87*	
		For >500 To 1,000, Deduct	*-104.02*	
		For >1,000, Deduct	*-130.17*	

26 56 19 00-0088 LED Roadway Lighting (Cooper Lighting) *(26 56 19 00-0034)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0089		**Horizontal Tenon Mount, LED Roadway Fixtures (Cooper Lighting Streetworks NVN™)** *(26 56 19 00-0088)* Note: UL wet listed. Includes 4,000K color temperature, 120-480 voltage, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.		
26 56 19 00-0090	EA	1 LED Light Square, 51 Watt, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA)	1,056.54	166.77
		For >50 To 100, Deduct	*-52.83*	
		For >100 To 250, Deduct	*-79.24*	
		For >250 To 500, Deduct	*-123.73*	
		For >500 To 1,000, Deduct	*-168.22*	
		For >1,000, Deduct	*-212.71*	
26 56 19 00-0091	EA	2 LED Light Squares, 103 Watt, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA)	1,435.91	185.31
		For >50 To 100, Deduct	*-71.80*	
		For >100 To 250, Deduct	*-107.69*	
		For >250 To 500, Deduct	*-170.22*	
		For >500 To 1,000, Deduct	*-232.75*	
		For >1,000, Deduct	*-295.28*	
26 56 19 00-0092	EA	3 LED Light Squares, 154 Watt, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA)	1,538.86	213.09
		For >50 To 100, Deduct	*-76.94*	
		For >100 To 250, Deduct	*-115.41*	
		For >250 To 500, Deduct	*-181.70*	
		For >500 To 1,000, Deduct	*-247.99*	
		For >1,000, Deduct	*-314.28*	
26 56 19 00-0093	EA	4 LED Light Squares, 206 Watt, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA)	2,297.79	231.63
		For >50 To 100, Deduct	*-114.89*	
		For >100 To 250, Deduct	*-172.33*	
		For >250 To 500, Deduct	*-275.64*	
		For >500 To 1,000, Deduct	*-378.95*	
		For >1,000, Deduct	*-482.26*	
26 56 19 00-0094	EA	6 LED Light Squares, 309 Watt, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA)	3,017.50	263.70
		For >50 To 100, Deduct	*-150.88*	
		For >100 To 250, Deduct	*-226.31*	
		For >250 To 500, Deduct	*-364.00*	
		For >500 To 1,000, Deduct	*-501.69*	
		For >1,000, Deduct	*-639.38*	
26 56 19 00-0095		**LED Roadway Lighting (PlanLED)** *(26 56 19 00-0034)*		
26 56 19 00-0096		**Horizontal Tenon Mount, LED Roadway Fixtures (PlanLED GigaTera HERA)** *(26 56 19 00-0095)* Note: UL wet listed. Includes 3,000K, 4,000K or 5,000K color temperature, 120-277 voltage, integral 20kV surge suppression, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.		
26 56 19 00-0097	EA	8,500 Lumens, 85 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera HERA 85W)	1,273.41	162.14
		For >50 To 100, Deduct	*-63.67*	
		For >100 To 250, Deduct	*-95.51*	
		For >250 To 500, Deduct	*-151.07*	
		For >500 To 1,000, Deduct	*-206.63*	
		For >1,000, Deduct	*-262.20*	
26 56 19 00-0098	EA	11,000 Lumens, 110 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera HERA 110W)	1,386.33	163.92
		For >50 To 100, Deduct	*-69.32*	
		For >100 To 250, Deduct	*-103.97*	
		For >250 To 500, Deduct	*-165.10*	
		For >500 To 1,000, Deduct	*-226.22*	
		For >1,000, Deduct	*-287.34*	
26 56 19 00-0099	EA	15,000 Lumens, 150 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera HERA 150W)	1,475.13	166.77
		For >50 To 100, Deduct	*-73.76*	
		For >100 To 250, Deduct	*-110.63*	
		For >250 To 500, Deduct	*-176.05*	
		For >500 To 1,000, Deduct	*-241.47*	
		For >1,000, Deduct	*-306.89*	
26 56 19 00-0100		**Horizontal Tenon Mount, LED Roadway Fixtures (PlanLED GigaTera SETA)** *(26 56 19 00-0095)* Note: UL wet listed. Includes 3,000K, 3,500K, 4,000K or 5,000K color temperature, 120-277 voltage, integral 20kV surge suppression, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.		
26 56 19 00-0101	EA	7,200 Lumens, 60 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera SETA SET060)	834.74	158.22
		For >50 To 100, Deduct	*-41.74*	
		For >100 To 250, Deduct	*-62.61*	
		For >250 To 500, Deduct	*-96.43*	
		For >500 To 1,000, Deduct	*-130.26*	
		For >1,000, Deduct	*-164.08*	
26 56 19 00-0102	EA	10,000 Lumens, 80 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera SETA SET080)	895.12	161.08
		For >50 To 100, Deduct	*-44.76*	
		For >100 To 250, Deduct	*-67.13*	
		For >250 To 500, Deduct	*-103.84*	
		For >500 To 1,000, Deduct	*-140.54*	
		For >1,000, Deduct	*-177.24*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0103		EA	12,500 Lumens, 100 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera SETA SET100)	990.49	163.92
			For >50 To 100, Deduct	*-49.52*	
			For >100 To 250, Deduct	*-74.29*	
			For >250 To 500, Deduct	*-115.62*	
			For >500 To 1,000, Deduct	*-156.94*	
			For >1,000, Deduct	*-198.27*	

26 56 19 00-0104 Horizontal Tenon Mount, LED Roadway Fixtures (PlanLED GigaTera META) *(26 56 19 00-0095)*

Note: UL wet listed. Includes 3,000K, 4,000K or 5,000K color temperature, 120-277 voltage, integral 20kV surge suppression, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.

26 56 19 00-0105		EA	13,000 Lumens, 100 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera META MT100)	1,053.91	163.92
			For 0 To 10 Volt Dimming, Add	*94.53*	
			For 480 Volt, Add	*94.53*	
			For >50 To 100, Deduct	*-52.70*	
			For >100 To 250, Deduct	*-79.04*	
			For >250 To 500, Deduct	*-123.54*	
			For >500 To 1,000, Deduct	*-168.04*	
			For >1,000, Deduct	*-212.54*	
26 56 19 00-0106		EA	16,900 Lumens, 130 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera META MT130)	1,170.48	165.34
			For 0 To 10 Volt Dimming, Add	*94.53*	
			For 480 Volt, Add	*28.56*	
			For >50 To 100, Deduct	*-58.52*	
			For >100 To 250, Deduct	*-87.79*	
			For >250 To 500, Deduct	*-138.04*	
			For >500 To 1,000, Deduct	*-188.30*	
			For >1,000, Deduct	*-238.56*	
26 56 19 00-0107		EA	19,500 Lumens, 150 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera META MT150)	1,260.81	166.77
			For 0 To 10 Volt Dimming, Add	*94.53*	
			For 480 Volt, Add	*118.07*	
			For >50 To 100, Deduct	*-63.04*	
			For >100 To 250, Deduct	*-94.56*	
			For >250 To 500, Deduct	*-149.26*	
			For >500 To 1,000, Deduct	*-203.96*	
			For >1,000, Deduct	*-258.67*	

26 56 19 00-0108 LED Roadway Lighting (General Electric) *(26 56 19 00-0034)*

26 56 19 00-0109 Horizontal Tenon Mount, LED Cobra Head Street Lights (General Electric) *(26 56 19 00-0108)*

Note: UL wet listed. Includes 4,000K or 5,700K color temperature, 120-480 voltage, die-cast extruded aluminum housing assembly and black or gray powder coat finish. Excludes sensors.

26 56 19 00-0110		EA	2,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 02XX 40 A GRAY)	634.43	157.51
			For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
			For >50 To 100, Deduct	*-31.72*	
			For >100 To 250, Deduct	*-47.58*	
			For >250 To 500, Deduct	*-71.43*	
			For >500 To 1,000, Deduct	*-95.27*	
			For >1,000, Deduct	*-119.12*	
26 56 19 00-0111		EA	3,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 03XX 40 A GRAY)	638.71	159.65
			For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
			For >50 To 100, Deduct	*-31.94*	
			For >100 To 250, Deduct	*-47.90*	
			For >250 To 500, Deduct	*-71.86*	
			For >500 To 1,000, Deduct	*-95.81*	
			For >1,000, Deduct	*-119.76*	
26 56 19 00-0112		EA	4,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 04XX 40 A GRAY)	665.79	162.14
			For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
			For >50 To 100, Deduct	*-33.29*	
			For >100 To 250, Deduct	*-49.93*	
			For >250 To 500, Deduct	*-75.12*	
			For >500 To 1,000, Deduct	*-100.30*	
			For >1,000, Deduct	*-125.48*	
26 56 19 00-0113		EA	5,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 05XX 40 A GRAY)	693.47	163.92
			For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
			For >50 To 100, Deduct	*-34.67*	
			For >100 To 250, Deduct	*-52.01*	
			For >250 To 500, Deduct	*-78.49*	
			For >500 To 1,000, Deduct	*-104.96*	
			For >1,000, Deduct	*-131.44*	
26 56 19 00-0114		EA	7,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 07XX 40 A GRAY)	766.88	167.48
			For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
			For >50 To 100, Deduct	*-38.34*	
			For >100 To 250, Deduct	*-57.52*	
			For >250 To 500, Deduct	*-87.49*	
			For >500 To 1,000, Deduct	*-117.46*	
			For >1,000, Deduct	*-147.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0115	EA	8,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 08XX 40 A GRAY)	805.89	168.91
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >50 To 100, Deduct	*-40.29*	
		For >100 To 250, Deduct	*-60.44*	
		For >250 To 500, Deduct	*-92.29*	
		For >500 To 1,000, Deduct	*-124.14*	
		For >1,000, Deduct	*-155.99*	
26 56 19 00-0116	EA	9,800 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 10XX 40 A GRAY)	879.19	171.41
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >50 To 100, Deduct	*-43.96*	
		For >100 To 250, Deduct	*-65.94*	
		For >250 To 500, Deduct	*-101.33*	
		For >500 To 1,000, Deduct	*-136.72*	
		For >1,000, Deduct	*-172.11*	
26 56 19 00-0117	EA	13,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERLH 0 13XX 40 A GRAY)	1,035.11	176.04
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >50 To 100, Deduct	*-51.76*	
		For >100 To 250, Deduct	*-77.63*	
		For >250 To 500, Deduct	*-120.59*	
		For >500 To 1,000, Deduct	*-163.54*	
		For >1,000, Deduct	*-206.49*	
26 56 19 00-0118	EA	19,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL2 0 19XX 40 A GRAY)	1,214.35	185.31
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >50 To 100, Deduct	*-60.72*	
		For >100 To 250, Deduct	*-91.08*	
		For >250 To 500, Deduct	*-142.53*	
		For >500 To 1,000, Deduct	*-193.98*	
		For >1,000, Deduct	*-245.43*	

26 56 19 00-0119 LED Roadway Lighting (Acuity AEL Autobahn) *(26 56 19 00-0034)*

26 56 19 00-0120 Horizontal Tenon Mount, LED Cobra Head Street Lights (Acuity AEL Autobahn) *(26 56 19 00-0119)*

Note: UL wet listed. Includes 4,000K or 5,000K color temperature, 120-480 voltage, integral 10kV surge suppression, 0-10V dimming, die-cast extruded aluminum housing assembly and white, black, gray, graphite or bronze powder coat finish. Excludes sensors.

26 56 19 00-0121	EA	4,200 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB0 20ALEDE70)	1,234.10	162.14
		For >50 To 100, Deduct	*-61.71*	
		For >100 To 250, Deduct	*-92.56*	
		For >250 To 500, Deduct	*-146.16*	
		For >500 To 1,000, Deduct	*-199.75*	
		For >1,000, Deduct	*-253.35*	
26 56 19 00-0122	EA	6,700 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB0 30BLEDE70)	1,535.13	166.77
		For >50 To 100, Deduct	*-76.76*	
		For >100 To 250, Deduct	*-115.13*	
		For >250 To 500, Deduct	*-183.55*	
		For >500 To 1,000, Deduct	*-251.97*	
		For >1,000, Deduct	*-320.39*	
26 56 19 00-0123	EA	9,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB2 40BLEDE70)	2,145.33	171.41
		For >50 To 100, Deduct	*-107.27*	
		For >100 To 250, Deduct	*-160.90*	
		For >250 To 500, Deduct	*-259.60*	
		For >500 To 1,000, Deduct	*-358.29*	
		For >1,000, Deduct	*-456.99*	
26 56 19 00-0124	EA	13,500 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB2 60BLEDE70)	2,759.66	178.18
		For >50 To 100, Deduct	*-137.98*	
		For >100 To 250, Deduct	*-206.97*	
		For >250 To 500, Deduct	*-336.05*	
		For >500 To 1,000, Deduct	*-465.12*	
		For >1,000, Deduct	*-594.20*	
26 56 19 00-0125	EA	17,800 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB2 80BLEDE70)	3,360.16	183.17
		For >50 To 100, Deduct	*-168.01*	
		For >100 To 250, Deduct	*-252.01*	
		For >250 To 500, Deduct	*-410.86*	
		For >500 To 1,000, Deduct	*-569.71*	
		For >1,000, Deduct	*-728.56*	

26 56 19 00-0126 LED Roadway Lighting (Leotek) *(26 56 19 00-0034)*

26 56 19 00-0127 Horizontal Tenon Mount, LED Cobra Head Street Lights (Leotek) *(26 56 19 00-0126)*

Note: UL wet listed. Includes 4,000K color temperature, 120-277 voltage, integral surge protector, die-cast and extruded aluminum housing assembly and gray powder coat finish. Excludes sensors.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0128	EA	Up To 3,900 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC1-4M2-MV-NW-X-GY-XXX-WL)	649.12	162.14
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.13*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*53.92*	
		For >50 To 100, Deduct	*-32.46*	
		For >100 To 250, Deduct	*-48.68*	
		For >250 To 500, Deduct	*-73.03*	
		For >500 To 1,000, Deduct	*-97.38*	
		For >1,000, Deduct	*-121.73*	
26 56 19 00-0129	EA	Up To 5,150 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC1-4M2-MV-NW-X-GY-1AMP-WL)	663.24	163.92
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.13*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*53.92*	
		For >50 To 100, Deduct	*-33.16*	
		For >100 To 250, Deduct	*-49.74*	
		For >250 To 500, Deduct	*-74.71*	
		For >500 To 1,000, Deduct	*-99.67*	
		For >1,000, Deduct	*-124.64*	
26 56 19 00-0130	EA	Up To 5,950 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC1-6M2-MV-NW-X-GY-XXX-WL)	707.56	164.99
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.13*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*53.92*	
		For >50 To 100, Deduct	*-35.38*	
		For >100 To 250, Deduct	*-53.07*	
		For >250 To 500, Deduct	*-80.20*	
		For >500 To 1,000, Deduct	*-107.32*	
		For >1,000, Deduct	*-134.45*	
26 56 19 00-0131	EA	Up To 9,550 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC3-10M2-MV-NW-X-GY-XXX-WL)	821.63	171.41
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.13*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*53.92*	
		For >50 To 100, Deduct	*-41.08*	
		For >100 To 250, Deduct	*-61.62*	
		For >250 To 500, Deduct	*-94.13*	
		For >500 To 1,000, Deduct	*-126.64*	
		For >1,000, Deduct	*-159.16*	
26 56 19 00-0132	EA	Up To 11,450 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC4-12M2-MV-NW-X-GY-XXX-WL)	961.68	176.04
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.13*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*53.92*	
		For >50 To 100, Deduct	*-48.08*	
		For >100 To 250, Deduct	*-72.13*	
		For >250 To 500, Deduct	*-111.41*	
		For >500 To 1,000, Deduct	*-150.69*	
		For >1,000, Deduct	*-189.97*	
26 56 19 00-0133	EA	Up To 14,550 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC4-15M2-MV-NW-X-GY-XXX-WL)	967.38	178.89
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.13*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*53.92*	
		For >50 To 100, Deduct	*-48.37*	
		For >100 To 250, Deduct	*-72.55*	
		For >250 To 500, Deduct	*-111.98*	
		For >500 To 1,000, Deduct	*-151.40*	
		For >1,000, Deduct	*-190.83*	
26 56 19 00-0134	EA	Up To 16,900 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC7-18M2-MV-NW-X-GY-XXX-WL)	1,186.12	181.74
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.13*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*53.92*	
		For >50 To 100, Deduct	*-59.31*	
		For >100 To 250, Deduct	*-88.96*	
		For >250 To 500, Deduct	*-139.18*	
		For >500 To 1,000, Deduct	*-189.40*	
		For >1,000, Deduct	*-239.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0135	EA	Up To 18,750 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC7-20M2-MV-NW-X-GY-XXX-WL)	1,243.88	185.31
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.13*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*53.92*	
		For >50 To 100, Deduct	*-62.19*	
		For >100 To 250, Deduct	*-93.29*	
		For >250 To 500, Deduct	*-146.22*	
		For >500 To 1,000, Deduct	*-199.15*	
		For >1,000, Deduct	*-252.08*	
26 56 19 00-0136	EA	Up To 22,700 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC7-24M2-MV-NW-X-GY-XXX-WL)	1,388.80	188.15
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.13*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*53.92*	
		For >50 To 100, Deduct	*-69.44*	
		For >100 To 250, Deduct	*-104.16*	
		For >250 To 500, Deduct	*-164.19*	
		For >500 To 1,000, Deduct	*-224.22*	
		For >1,000, Deduct	*-284.26*	
26 56 19 00-0137	EA	Up To 29,150 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC9-30M2-MV-NW-X-GY-XXX-WL)	1,489.42	191.00
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.13*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*53.92*	
		For >50 To 100, Deduct	*-74.47*	
		For >100 To 250, Deduct	*-111.71*	
		For >250 To 500, Deduct	*-176.63*	
		For >500 To 1,000, Deduct	*-241.55*	
		For >1,000, Deduct	*-306.47*	
26 56 19 00-0138	EA	Up To 4,800 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC1-20F-MV-NW-X-GY-XXX-WL)	751.83	163.92
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.13*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*53.92*	
		For >50 To 100, Deduct	*-37.59*	
		For >100 To 250, Deduct	*-56.39*	
		For >250 To 500, Deduct	*-85.78*	
		For >500 To 1,000, Deduct	*-115.18*	
		For >1,000, Deduct	*-144.57*	
26 56 19 00-0139	EA	Up To 7,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC1-30F-MV-NW-X-GY-XXX-WL)	825.76	168.20
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.13*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*53.92*	
		For >50 To 100, Deduct	*-41.29*	
		For >100 To 250, Deduct	*-61.93*	
		For >250 To 500, Deduct	*-94.81*	
		For >500 To 1,000, Deduct	*-127.69*	
		For >1,000, Deduct	*-160.57*	
26 56 19 00-0140	EA	Up To 9,300 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC1-40F-MV-NW-X-GY-XXX-WL)	891.24	171.41
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.13*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*53.92*	
		For >50 To 100, Deduct	*-44.56*	
		For >100 To 250, Deduct	*-66.84*	
		For >250 To 500, Deduct	*-102.83*	
		For >500 To 1,000, Deduct	*-138.83*	
		For >1,000, Deduct	*-174.82*	
26 56 19 00-0141	EA	Up To 12,300 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC1-40F-MV-NW-X-GY-1AMP-WL)	947.59	175.33
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.13*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*53.92*	
		For >50 To 100, Deduct	*-47.38*	
		For >100 To 250, Deduct	*-71.07*	
		For >250 To 500, Deduct	*-109.68*	
		For >500 To 1,000, Deduct	*-148.30*	
		For >1,000, Deduct	*-186.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0142	EA	Up To 13,400 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC1-60F-MV-NW-X-GY-XXX-WL)	1,005.29	176.75
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.13*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*53.92*	
		For >50 To 100, Deduct	*-50.26*	
		For >100 To 250, Deduct	*-75.40*	
		For >250 To 500, Deduct	*-116.82*	
		For >500 To 1,000, Deduct	*-158.25*	
		For >1,000, Deduct	*-199.68*	
26 56 19 00-0143	EA	Up To 17,700 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC1-80F-MV-NW-X-GY-XXX-WL)	1,197.41	183.17
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.13*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*53.92*	
		For >50 To 100, Deduct	*-59.87*	
		For >100 To 250, Deduct	*-89.81*	
		For >250 To 500, Deduct	*-140.52*	
		For >500 To 1,000, Deduct	*-191.23*	
		For >1,000, Deduct	*-241.94*	
26 56 19 00-0144	EA	Up To 19,800 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC2-90F-MV-NW-X-GY-XXX-WL)	1,354.31	186.72
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.13*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*53.92*	
		For >50 To 100, Deduct	*-67.72*	
		For >100 To 250, Deduct	*-101.57*	
		For >250 To 500, Deduct	*-159.95*	
		For >500 To 1,000, Deduct	*-218.33*	
		For >1,000, Deduct	*-276.71*	
26 56 19 00-0145	EA	Up To 22,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC2-100F-MV-NW-X-GY-XXX-WL)	1,440.10	187.44
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.13*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*53.92*	
		For >50 To 100, Deduct	*-72.01*	
		For >100 To 250, Deduct	*-108.01*	
		For >250 To 500, Deduct	*-170.64*	
		For >500 To 1,000, Deduct	*-233.27*	
		For >1,000, Deduct	*-295.91*	
26 56 19 00-0146	EA	Up To 26,400 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC2-120F-MV-NW-X-GY-XXX-WL)	1,522.42	189.58
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.13*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*53.92*	
		For >50 To 100, Deduct	*-76.12*	
		For >100 To 250, Deduct	*-114.18*	
		For >250 To 500, Deduct	*-180.82*	
		For >500 To 1,000, Deduct	*-247.47*	
		For >1,000, Deduct	*-314.11*	
26 56 19 00-0147	EA	Up To 11,720 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCM2-30H-MV-NW-X-GY-1AMP)	807.07	178.89
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.13*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*53.92*	
		For >50 To 100, Deduct	*-40.35*	
		For >100 To 250, Deduct	*-60.53*	
		For >250 To 500, Deduct	*-91.94*	
		For >500 To 1,000, Deduct	*-123.35*	
		For >1,000, Deduct	*-154.76*	
26 56 19 00-0148	EA	Up To 15,430 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCM2-40H-MV-NW-X-GY-1AMP)	873.91	180.67
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.13*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*53.92*	
		For >50 To 100, Deduct	*-43.70*	
		For >100 To 250, Deduct	*-65.54*	
		For >250 To 500, Deduct	*-100.21*	
		For >500 To 1,000, Deduct	*-134.87*	
		For >1,000, Deduct	*-169.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0149	EA	Up To 4,180 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCJ0-15H-MV-NW-X-GY-XXX-WL)	620.33	163.57
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.13*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*53.92*	
		For >50 To 100, Deduct	*-31.02*	
		For >100 To 250, Deduct	*-46.52*	
		For >250 To 500, Deduct	*-69.36*	
		For >500 To 1,000, Deduct	*-92.20*	
		For >1,000, Deduct	*-115.04*	
26 56 19 00-0150	EA	Up To 5,510 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCJ1-20H-MV-NW-X-GY-XXX-WL)	631.63	164.99
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.13*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*53.92*	
		For >50 To 100, Deduct	*-31.58*	
		For >100 To 250, Deduct	*-47.37*	
		For >250 To 500, Deduct	*-70.70*	
		For >500 To 1,000, Deduct	*-94.04*	
		For >1,000, Deduct	*-117.37*	
26 56 19 00-0151	EA	Up To 7,430 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCJ2-20H-MV-NW-X-GY-1AMP-WL)	686.54	168.20
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.13*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*53.92*	
		For >50 To 100, Deduct	*-34.33*	
		For >100 To 250, Deduct	*-51.49*	
		For >250 To 500, Deduct	*-77.41*	
		For >500 To 1,000, Deduct	*-103.33*	
		For >1,000, Deduct	*-129.24*	
26 56 19 00-0152	EA	Up To 16,400 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCL1-60G-MV-NW-X-GY-XXX-WL)	1,057.45	181.74
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.13*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*53.92*	
		For >50 To 100, Deduct	*-52.87*	
		For >100 To 250, Deduct	*-79.31*	
		For >250 To 500, Deduct	*-123.09*	
		For >500 To 1,000, Deduct	*-166.88*	
		For >1,000, Deduct	*-210.67*	
26 56 19 00-0153	EA	Up To 22,100 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCL1-80G-MV-NW-X-GY-XXX-WL)	1,381.04	187.44
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.13*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*53.92*	
		For >50 To 100, Deduct	*-69.05*	
		For >100 To 250, Deduct	*-103.58*	
		For >250 To 500, Deduct	*-163.26*	
		For >500 To 1,000, Deduct	*-222.94*	
		For >1,000, Deduct	*-282.62*	
26 56 19 00-0154	EA	Up To 22,900 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCL2-60G-MV-NW-X-GY-1AMP-WL)	1,230.59	188.15
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*10.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.13*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*53.92*	
		For >50 To 100, Deduct	*-61.53*	
		For >100 To 250, Deduct	*-92.29*	
		For >250 To 500, Deduct	*-144.42*	
		For >500 To 1,000, Deduct	*-196.54*	
		For >1,000, Deduct	*-248.66*	
26 56 19 00-0155	EA	Up To 5,484 Lumens, Horizontal Tenon Mount, LED Security Light (Leotek® SafeGuard™ SG1-01-MV-NW-5-GY)	595.74	163.92
		For Twist Lock Shorting Cap, Add	*10.04*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*30.13*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*53.92*	
		For >50 To 100, Deduct	*-29.79*	
		For >100 To 250, Deduct	*-44.68*	
		For >250 To 500, Deduct	*-66.27*	
		For >500 To 1,000, Deduct	*-87.86*	
		For >1,000, Deduct	*-109.45*	

26 56 19 00-0156 LED, Area Fixtures *(26 56 19)*

26 56 19 00-0157 Pole Mount, LED Area Fixtures *(26 56 19 00-0156)*

26 56 19 00-0158 Pole Mount, Rectangular, LED Architectural Area Fixtures (Lithonia DSX) *(26 56 19 00-0157)*

Note: UL wet listed. Includes 4,000K color temperature, 480 voltage, 700mA remote driver, die-cast extruded aluminum housing assembly and white, black, aluminum or bronze powder coat finish. Excludes sensors.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0159	EA	20 LEDs, 49 Watt, Pole Mount, LED Architectural Area Fixture (Lithonia DSXO LED)	2,501.62	121.16
		For >50 To 100, Deduct	*-125.08*	
		For >100 To 250, Deduct	*-187.62*	
		For >250 To 500, Deduct	*-306.64*	
		For >500 To 1,000, Deduct	*-425.67*	
		For >1,000, Deduct	*-544.69*	
26 56 19 00-0160	EA	40 LEDs, 89 Watt, Pole Mount, LED Architectural Area Fixture (Lithonia DSXO LED)	2,696.63	128.29
		For >50 To 100, Deduct	*-134.83*	
		For >100 To 250, Deduct	*-202.25*	
		For >250 To 500, Deduct	*-330.66*	
		For >500 To 1,000, Deduct	*-459.08*	
		For >1,000, Deduct	*-587.50*	
26 56 19 00-0161	EA	80 LEDs, 188 Watt, Pole Mount, LED Architectural Area Fixture (Lithonia DSX2 LED)	2,905.88	142.54
		For >50 To 100, Deduct	*-145.29*	
		For >100 To 250, Deduct	*-217.94*	
		For >250 To 500, Deduct	*-356.11*	
		For >500 To 1,000, Deduct	*-494.27*	
		For >1,000, Deduct	*-632.44*	
26 56 19 00-0162	EA	100 LEDs, 218 Watt, Pole Mount, LED Architectural Area Fixture (Lithonia DSX2 LED)	2,920.13	149.67
		For >50 To 100, Deduct	*-146.01*	
		For >100 To 250, Deduct	*-219.01*	
		For >250 To 500, Deduct	*-357.53*	
		For >500 To 1,000, Deduct	*-496.06*	
		For >1,000, Deduct	*-634.58*	

26 56 19 00-0163 Arm Mount, Rectangular, LED Area Fixtures (CREE® BetaLED® Edge® ARE-EDG) *(26 56 19 00-0157)*

Note: UL wet listed. Includes 4,000K or 5,700K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Includes Type III Medium optic. Excludes sensors. All fixtures without the backlight control shield are DLC qualified

26 56 19 00-0164	EA	40 LEDs, 47 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	1,392.12	128.29
		For Backlight Shielding, Add	*25.98*	
		For Type II Medium Optic, Add	*44.02*	
		For 480 Volt, Add	*111.02*	
		For Multi-Level Drive Currents, Add	*259.76*	
		For >50 To 100, Deduct	*-69.61*	
		For >100 To 250, Deduct	*-104.41*	
		For >250 To 500, Deduct	*-167.60*	
		For >500 To 1,000, Deduct	*-230.79*	
		For >1,000, Deduct	*-293.98*	
26 56 19 00-0165	EA	60 LEDs, 68 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	1,679.12	135.42
		For Backlight Shielding, Add	*25.98*	
		For Type II Medium Optic, Add	*44.73*	
		For 480 Volt, Add	*111.02*	
		For Multi-Level Drive Currents, Add	*259.76*	
		For >50 To 100, Deduct	*-83.96*	
		For >100 To 250, Deduct	*-125.93*	
		For >250 To 500, Deduct	*-203.12*	
		For >500 To 1,000, Deduct	*-280.30*	
		For >1,000, Deduct	*-357.49*	
26 56 19 00-0166	EA	80 LEDs, 90 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	2,075.60	142.54
		For Backlight Shielding, Add	*25.98*	
		For Type II Medium Optic, Add	*45.44*	
		For 480 Volt, Add	*111.02*	
		For Multi-Level Drive Currents, Add	*259.76*	
		For >50 To 100, Deduct	*-103.78*	
		For >100 To 250, Deduct	*-155.67*	
		For >250 To 500, Deduct	*-252.32*	
		For >500 To 1,000, Deduct	*-348.98*	
		For >1,000, Deduct	*-445.63*	
26 56 19 00-0167	EA	100 LEDs, 111 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	2,362.61	149.67
		For Backlight Shielding, Add	*25.98*	
		For Type II Medium Optic, Add	*46.16*	
		For 480 Volt, Add	*111.02*	
		For Multi-Level Drive Currents, Add	*259.76*	
		For >50 To 100, Deduct	*-118.13*	
		For >100 To 250, Deduct	*-177.20*	
		For >250 To 500, Deduct	*-287.84*	
		For >500 To 1,000, Deduct	*-398.49*	
		For >1,000, Deduct	*-509.14*	
26 56 19 00-0168	EA	120 LEDs, 132 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	2,649.61	156.80
		For Backlight Shielding, Add	*25.98*	
		For Type II Medium Optic, Add	*46.87*	
		For 480 Volt, Add	*111.02*	
		For Multi-Level Drive Currents, Add	*259.76*	
		For >50 To 100, Deduct	*-132.48*	
		For >100 To 250, Deduct	*-198.72*	
		For >250 To 500, Deduct	*-323.36*	
		For >500 To 1,000, Deduct	*-448.00*	
		For >1,000, Deduct	*-572.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0169	EA	140 LEDs, 157 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	3,023.83	163.92
		For Backlight Shielding, Add	*25.98*	
		For Type II Medium Optic, Add	*47.58*	
		For 480 Volt, Add	*111.02*	
		For Multi-Level Drive Currents, Add	*259.76*	
		For >50 To 100, Deduct	*-151.19*	
		For >100 To 250, Deduct	*-226.79*	
		For >250 To 500, Deduct	*-369.78*	
		For >500 To 1,000, Deduct	*-512.78*	
		For >1,000, Deduct	*-655.77*	
26 56 19 00-0170	EA	160 LEDs, 179 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	3,310.83	171.05
		For Backlight Shielding, Add	*25.98*	
		For Type II Medium Optic, Add	*48.30*	
		For 480 Volt, Add	*111.02*	
		For Multi-Level Drive Currents, Add	*259.76*	
		For >50 To 100, Deduct	*-165.54*	
		For >100 To 250, Deduct	*-248.31*	
		For >250 To 500, Deduct	*-405.30*	
		For >500 To 1,000, Deduct	*-562.29*	
		For >1,000, Deduct	*-719.28*	

26 56 19 00-0171 Direct Or Arm Mount, Rectangular, High Output, LED Area Fixtures (CREE® BetaLED® Edge® ARE-EHO) *(26 56 19 00-0157)*

Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 700mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

26 56 19 00-0172	EA	120 LEDs, 267 System Watts, Direct Or Arm Mount, Rectangular, High Output, LED Area Fixture (CREE® BetaLED® Edge® ARE-EHO)	2,448.22	156.80
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*21.88*	
		For Bird Spikes, Add	*50.15*	
		For 5,000K Color Temperature, Add	*54.71*	
		For Fuse, Add	*65.65*	
		For 0 To 10 Volt Dimming, Add	*65.65*	
		For 480 Volt, Add	*98.48*	
		For Multi-Level, Add	*142.23*	
		For 1,000mA Driver, Add	*183.84*	
		For >50 To 100, Deduct	*-122.41*	
		For >100 To 250, Deduct	*-183.62*	
		For >250 To 500, Deduct	*-298.19*	
		For >500 To 1,000, Deduct	*-412.76*	
		For >1,000, Deduct	*-527.33*	
26 56 19 00-0173	EA	240 LEDs, 533 System Watts, Direct Or Arm Mount, Rectangular, High Output, LED Area Fixture (CREE® BetaLED® Edge® ARE-EHO)	4,127.94	192.43
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*21.88*	
		For 5,000K Color Temperature, Add	*54.71*	
		For Fuse, Add	*65.65*	
		For 0 To 10 Volt Dimming, Add	*65.65*	
		For Bird Spikes, Add	*74.40*	
		For Multi-Level, Add	*142.23*	
		For 1,000mA Driver, Add	*183.82*	
		For 480 Volt, Add	*196.94*	
		For >50 To 100, Deduct	*-206.40*	
		For >100 To 250, Deduct	*-309.60*	
		For >250 To 500, Deduct	*-506.37*	
		For >500 To 1,000, Deduct	*-703.15*	
		For >1,000, Deduct	*-899.92*	

26 56 19 00-0174 Wall Mount, LED Area Fixtures *(26 56 19 00-0156)*

26 56 19 00-0175 Wall Mount, LED Architectural Area Fixtures (Lithonia DSXW) *(26 56 19 00-0174)*

Note: UL wet listed. Includes 277 voltage, 700mA remote driver, die-cast extruded aluminum housing assembly and white, black, aluminum or bronze powder coat finish. Excludes sensors.

26 56 19 00-0176	EA	20 LEDs, 47 Watt, 4000K CCT, Wall Mount, LED Architectural Area Fixture (Lithonia DSXW2 LED)	1,111.70	121.16
		For >50 To 100, Deduct	*-55.59*	
		For >100 To 250, Deduct	*-83.38*	
		For >250 To 500, Deduct	*-132.90*	
		For >500 To 1,000, Deduct	*-182.43*	
		For >1,000, Deduct	*-231.96*	
26 56 19 00-0177	EA	30 LEDs, 71 Watt, 4000K CCT, Wall Mount, LED Architectural Area Fixture (Lithonia DSXW2 LED)	1,140.21	135.42
		For >50 To 100, Deduct	*-57.01*	
		For >100 To 250, Deduct	*-85.52*	
		For >250 To 500, Deduct	*-135.76*	
		For >500 To 1,000, Deduct	*-186.00*	
		For >1,000, Deduct	*-236.24*	

26 56 19 00-0178 Surface Mount, LED Parking Structure Fixtures *(26 56 19 00-0156)*

26 56 19 00-0179 Surface Mount, Rectangular, LED Parking Structure Fixtures (CREE® BetaLED® Edge® PKG-EDG) *(26 56 19 00-0178)*

Note: Direct or pendant mount. UL wet listed. Includes 5,700K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0180	EA	40 LEDs, 47 Watt, Surface Mount, Rectangular, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-EDG)	1,228.84	128.29
		For Multi-Level Drive Currents, Add	*259.76*	
		For >50 To 100, Deduct	*-61.44*	
		For >100 To 250, Deduct	*-92.16*	
		For >250 To 500, Deduct	*-147.19*	
		For >500 To 1,000, Deduct	*-202.22*	
		For >1,000, Deduct	*-257.25*	
26 56 19 00-0181	EA	60 LEDs, 68 Watt, Surface Mount, Rectangular, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-EDG)	1,515.84	135.42
		For Multi-Level Drive Currents, Add	*259.76*	
		For >50 To 100, Deduct	*-75.79*	
		For >100 To 250, Deduct	*-113.69*	
		For >250 To 500, Deduct	*-182.71*	
		For >500 To 1,000, Deduct	*-251.73*	
		For >1,000, Deduct	*-320.75*	
26 56 19 00-0182	EA	80 LEDs, 90 Watt, Surface Mount, Rectangular, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-EDG)	1,802.85	142.54
		For Multi-Level Drive Currents, Add	*259.76*	
		For >50 To 100, Deduct	*-90.14*	
		For >100 To 250, Deduct	*-135.21*	
		For >250 To 500, Deduct	*-218.23*	
		For >500 To 1,000, Deduct	*-301.24*	
		For >1,000, Deduct	*-384.26*	
26 56 19 00-0183	EA	100 LEDs, 111 Watt, Surface Mount, Rectangular, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-EDG)	2,089.85	149.67
		For Multi-Level Drive Currents, Add	*259.76*	
		For >50 To 100, Deduct	*-104.49*	
		For >100 To 250, Deduct	*-156.74*	
		For >250 To 500, Deduct	*-253.75*	
		For >500 To 1,000, Deduct	*-350.76*	
		For >1,000, Deduct	*-447.77*	

26 56 19 00-0184 Surface Mount, Square, LED Parking Structure Fixtures (CREE® BetaLED® Edge® PKG-304) *(26 56 19 00-0178)*

Note: Direct or pendant mount. UL wet listed. Includes 5,700K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

26 56 19 00-0185	EA	40 LEDs, 47 Watt, Surface Mount, Square, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-304)	1,184.31	128.29
		For Multi-Level Drive Currents, Add	*259.76*	
		For >50 To 100, Deduct	*-59.22*	
		For >100 To 250, Deduct	*-88.82*	
		For >250 To 500, Deduct	*-141.62*	
		For >500 To 1,000, Deduct	*-194.43*	
		For >1,000, Deduct	*-247.23*	
26 56 19 00-0186	EA	60 LEDs, 68 Watt, Surface Mount, Square, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-304)	1,308.03	135.42
		For Multi-Level Drive Currents, Add	*259.76*	
		For >50 To 100, Deduct	*-65.40*	
		For >100 To 250, Deduct	*-98.10*	
		For >250 To 500, Deduct	*-156.73*	
		For >500 To 1,000, Deduct	*-215.36*	
		For >1,000, Deduct	*-273.99*	

26 56 19 00-0187 Surface Mount, Square, LED Parking Structure Fixtures (CREE® BetaLED® VG) *(26 56 19 00-0178)*

Note: UL wet listed. Includes 4,000K color temperature, 120-277 voltage, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

26 56 19 00-0188	EA	3,700 Lumens, 50 Watt, Surface Mount, Square, LED Parking Structure Fixtures (CREE® BetaLED® VGADM5MA40KUL)	1,037.32	128.29
		For >50 To 100, Deduct	*-51.87*	
		For >100 To 250, Deduct	*-77.80*	
		For >250 To 500, Deduct	*-123.25*	
		For >500 To 1,000, Deduct	*-168.70*	
		For >1,000, Deduct	*-214.15*	

26 56 19 00-0189 Surface Mount, Rectangular, LED Parking Structure Fixtures (Philips Gardco ELG) *(26 56 19 00-0178)*

Note: Direct or pendant mount. UL wet listed. Includes 4,000K color temperature, 120-277 voltage, die-cast extruded aluminum housing assembly and aluminum finish. Excludes sensors.

26 56 19 00-0190	EA	70 Watt, Surface Mount, Rectangular, LED Parking Structure Fixture (Philips Gardco ELG)	2,061.45	135.42
		For >50 To 100, Deduct	*-103.07*	
		For >100 To 250, Deduct	*-154.61*	
		For >250 To 500, Deduct	*-250.91*	
		For >500 To 1,000, Deduct	*-347.21*	
		For >1,000, Deduct	*-443.51*	
26 56 19 00-0191	EA	110 Watt, Surface Mount, Rectangular, LED Parking Structure Fixture (Philips Gardco ELG)	2,089.96	149.67
		For >50 To 100, Deduct	*-104.50*	
		For >100 To 250, Deduct	*-156.75*	
		For >250 To 500, Deduct	*-253.76*	
		For >500 To 1,000, Deduct	*-350.78*	
		For >1,000, Deduct	*-447.79*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0192		Surface Mount, LED Canopy Fixtures *(26 56 19 00-0156)*		
26 56 19 00-0193		Surface Mount, Rectangular, LED Canopy Fixtures (CREE® BetaLED® Edge® CAN-EDG) *(26 56 19 00-0192)* Note: Direct or pendant mount. UL wet listed. Includes 6,000K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0194	EA	40 LEDs, 47 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	1,425.52	128.29
		For Multi-Level Drive Currents, Add	*259.76*	
		For >50 To 100, Deduct	*-71.28*	
		For >100 To 250, Deduct	*-106.91*	
		For >250 To 500, Deduct	*-171.78*	
		For >500 To 1,000, Deduct	*-236.64*	
		For >1,000, Deduct	*-301.50*	
26 56 19 00-0195	EA	60 LEDs, 68 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	1,712.52	135.42
		For Multi-Level Drive Currents, Add	*259.76*	
		For >50 To 100, Deduct	*-85.63*	
		For >100 To 250, Deduct	*-128.44*	
		For >250 To 500, Deduct	*-207.29*	
		For >500 To 1,000, Deduct	*-286.15*	
		For >1,000, Deduct	*-365.00*	
26 56 19 00-0196	EA	80 LEDs, 90 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	1,999.53	142.54
		For Multi-Level Drive Currents, Add	*259.76*	
		For >50 To 100, Deduct	*-99.98*	
		For >100 To 250, Deduct	*-149.96*	
		For >250 To 500, Deduct	*-242.81*	
		For >500 To 1,000, Deduct	*-335.66*	
		For >1,000, Deduct	*-428.51*	
26 56 19 00-0197	EA	100 LEDs, 111 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	2,286.53	149.67
		For Multi-Level Drive Currents, Add	*259.76*	
		For >50 To 100, Deduct	*-114.33*	
		For >100 To 250, Deduct	*-171.49*	
		For >250 To 500, Deduct	*-278.33*	
		For >500 To 1,000, Deduct	*-385.18*	
		For >1,000, Deduct	*-492.02*	
26 56 19 00-0198	EA	120 LEDs, 132 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	2,573.53	156.80
		For Multi-Level Drive Currents, Add	*259.76*	
		For >50 To 100, Deduct	*-128.68*	
		For >100 To 250, Deduct	*-193.01*	
		For >250 To 500, Deduct	*-313.85*	
		For >500 To 1,000, Deduct	*-434.69*	
		For >1,000, Deduct	*-555.53*	
26 56 19 00-0199	EA	140 LEDs, 157 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	2,970.02	163.92
		For Multi-Level Drive Currents, Add	*259.76*	
		For >50 To 100, Deduct	*-148.50*	
		For >100 To 250, Deduct	*-222.75*	
		For >250 To 500, Deduct	*-363.06*	
		For >500 To 1,000, Deduct	*-503.36*	
		For >1,000, Deduct	*-643.67*	
26 56 19 00-0200	EA	160 LEDs, 179 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	3,257.02	171.05
		For Multi-Level Drive Currents, Add	*259.76*	
		For >50 To 100, Deduct	*-162.85*	
		For >100 To 250, Deduct	*-244.28*	
		For >250 To 500, Deduct	*-398.58*	
		For >500 To 1,000, Deduct	*-552.87*	
		For >1,000, Deduct	*-707.17*	
26 56 19 00-0201	EA	200 LEDs, 221 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	3,831.03	185.31
		For Multi-Level Drive Currents, Add	*259.76*	
		For >50 To 100, Deduct	*-191.55*	
		For >100 To 250, Deduct	*-287.33*	
		For >250 To 500, Deduct	*-469.61*	
		For >500 To 1,000, Deduct	*-651.90*	
		For >1,000, Deduct	*-834.19*	
26 56 19 00-0202	EA	240 LEDs, 264 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	4,390.79	192.43
		For Multi-Level Drive Currents, Add	*259.76*	
		For >50 To 100, Deduct	*-219.54*	
		For >100 To 250, Deduct	*-329.31*	
		For >250 To 500, Deduct	*-539.23*	
		For >500 To 1,000, Deduct	*-749.15*	
		For >1,000, Deduct	*-959.06*	
26 56 19 00-0203		Surface Mount, Square, LED Canopy/Soffit Fixtures (CREE® BetaLED® CPY250) *(26 56 19 00-0192)* Note: UL wet listed. Includes 5,700K color temperature, 120-277 voltage, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0204	EA	8,000 Lumens, 82 Watt, Surface Mount, Square, LED Canopy/Soffit Fixture (CREE® BetaLED® CPY250)	984.60	142.54
		For >50 To 100, Deduct	*-49.23*	
		For >100 To 250, Deduct	*-73.85*	
		For >250 To 500, Deduct	*-115.95*	
		For >500 To 1,000, Deduct	*-158.05*	
		For >1,000, Deduct	*-200.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0205		Recessed Mount, LED Soffit Fixtures *(26 56 19 00-0156)*		
26 56 19 00-0206		Recessed Mount, Square, LED Soffit Fixtures (CREE® BetaLED® SFT-304) *(26 56 19 00-0205)* Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0207	EA	40 LEDs, 47 Watt, Recessed Mount, Square, LED Soffit Fixture (CREE® BetaLED® SFT-304)	1,206.57	128.29
		For >50 To 100, Deduct	*-60.33*	
		For >100 To 250, Deduct	*-90.49*	
		For >250 To 500, Deduct	*-144.41*	
		For >500 To 1,000, Deduct	*-198.32*	
		For >1,000, Deduct	*-252.23*	
26 56 19 00-0208	EA	60 LEDs, 68 Watt, Recessed Mount, Square, LED Soffit Fixture (CREE® BetaLED® SFT-304)	1,330.29	135.42
		For >50 To 100, Deduct	*-66.51*	
		For >100 To 250, Deduct	*-99.77*	
		For >250 To 500, Deduct	*-159.52*	
		For >500 To 1,000, Deduct	*-219.26*	
		For >1,000, Deduct	*-279.00*	
26 56 19 00-0209		Surface Mount, LED Area Fixtures *(26 56 19 00-0156)*		
26 56 19 00-0210		Surface Mount, Square, LED Multi-Purpose Area Fixtures (LSI Industries® Crossover® XPG) *(26 56 19 00-0209)* Note: UL wet listed. Includes 5,300K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black or silver powder coat finish. Excludes sensors.		
26 56 19 00-0211	EA	50 LEDs, 59 Watt, Surface Mount, Square, LED Multi-Purpose Area Fixture (LSI Industries® Crossover® XPG)	678.05	128.29
		For >50 To 100, Deduct	*-33.90*	
		For >100 To 250, Deduct	*-50.85*	
		For >250 To 500, Deduct	*-78.34*	
		For >500 To 1,000, Deduct	*-105.83*	
		For >1,000, Deduct	*-133.32*	
26 56 19 00-0212	EA	50 LEDs, 59 Watt, Pendant Mount, Square, LED Multi-Purpose Area Fixture (LSI Industries® Crossover® XPG)	1,502.32	128.29
		For >50 To 100, Deduct	*-75.12*	
		For >100 To 250, Deduct	*-112.67*	
		For >250 To 500, Deduct	*-181.38*	
		For >500 To 1,000, Deduct	*-250.08*	
		For >1,000, Deduct	*-318.78*	
26 56 19 00-0213	EA	68 LEDs, 79 Watt, Surface Mount, Square, LED Multi-Purpose Area Fixture (LSI Industries® Crossover® XPG)	1,249.03	142.54
		For >50 To 100, Deduct	*-62.45*	
		For >100 To 250, Deduct	*-93.68*	
		For >250 To 500, Deduct	*-149.00*	
		For >500 To 1,000, Deduct	*-204.33*	
		For >1,000, Deduct	*-259.65*	
26 56 19 00-0214	EA	68 LEDs, 79 Watt, Pendant Mount, Square, LED Multi-Purpose Area Fixture (LSI Industries® Crossover® XPG)	1,546.48	142.54
		For >50 To 100, Deduct	*-77.32*	
		For >100 To 250, Deduct	*-115.99*	
		For >250 To 500, Deduct	*-186.18*	
		For >500 To 1,000, Deduct	*-256.38*	
		For >1,000, Deduct	*-326.58*	
26 56 19 00-0215		Surface Mount, LED Multi-Purpose Area Fixture (Lumark Crosstour®) *(26 56 19 00-0209)* Note: Wall, inverted, post, bollard, floodlight trunnion, or floodlight knuckle mount. UL wet listed. Includes 5,000K color temperature, 120/277 voltage, die-cast extruded aluminum housing assembly and white or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0216	EA	13 Watt, Surface Mount, LED Multi-Purpose Area Fixture (Lumark Crosstour® XTOR1A)	219.14	46.19
		For Knuckle Mount Or Trunnion Mount Base, Add	*45.00*	
		For >50 To 100, Deduct	*-10.96*	
		For >100 To 250, Deduct	*-16.44*	
		For >250 To 500, Deduct	*-25.47*	
		For >500 To 1,000, Deduct	*-34.50*	
		For >1,000, Deduct	*-43.53*	
26 56 19 00-0217	EA	20 Watt, Surface Mount, LED Multi-Purpose Area Fixture (Lumark Crosstour® XTOR2A)	249.30	46.19
		For Knuckle Mount Or Trunnion Mount Base, Add	*45.00*	
		For >50 To 100, Deduct	*-12.47*	
		For >100 To 250, Deduct	*-18.70*	
		For >250 To 500, Deduct	*-29.24*	
		For >500 To 1,000, Deduct	*-39.78*	
		For >1,000, Deduct	*-50.32*	
26 56 19 00-0218	EA	30 Watt, Surface Mount, LED Multi-Purpose Area Fixture (Lumark Crosstour® XTOR3A)	306.74	46.19
		For Knuckle Mount Or Trunnion Mount Base, Add	*45.00*	
		For >50 To 100, Deduct	*-15.34*	
		For >100 To 250, Deduct	*-23.01*	
		For >250 To 500, Deduct	*-36.42*	
		For >500 To 1,000, Deduct	*-49.83*	
		For >1,000, Deduct	*-63.24*	
26 56 19 00-0219		Surface Mount, LED Facade Fixtures *(26 56 19 00-0156)*		
26 56 19 00-0220		Surface Mount, LED Facade Fixtures (lumenpulse™ lumenfacade™) *(26 56 19 00-0219)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0221	EA	12" Length, Fixed Surface Mount, LED Façade Fixture (lumenpulse™ lumenfacade™)	784.08	53.92
		For >50 To 100, Deduct	*-39.20*	
		For >100 To 250, Deduct	*-58.81*	
		For >250 To 500, Deduct	*-95.96*	
		For >500 To 1,000, Deduct	*-133.11*	
		For >1,000, Deduct	*-170.26*	
26 56 19 00-0222	EA	24" Length, Fixed Surface Mount, LED Façade Fixture (lumenpulse™ lumenfacade™)	1,278.67	49.23
		For >50 To 100, Deduct	*-63.93*	
		For >100 To 250, Deduct	*-95.90*	
		For >250 To 500, Deduct	*-158.08*	
		For >500 To 1,000, Deduct	*-220.25*	
		For >1,000, Deduct	*-282.43*	
26 56 19 00-0223	EA	36" Length, Fixed Surface Mount, LED Façade Fixture (lumenpulse™ lumenfacade™)	1,633.51	41.03
		For >50 To 100, Deduct	*-81.68*	
		For >100 To 250, Deduct	*-122.51*	
		For >250 To 500, Deduct	*-202.72*	
		For >500 To 1,000, Deduct	*-282.93*	
		For >1,000, Deduct	*-363.14*	
26 56 19 00-0224	EA	48" Length, Fixed Surface Mount, LED Façade Fixture (lumenpulse™ lumenfacade™)	1,988.31	32.82
		For >50 To 100, Deduct	*-99.42*	
		For >100 To 250, Deduct	*-149.12*	
		For >250 To 500, Deduct	*-247.37*	
		For >500 To 1,000, Deduct	*-345.61*	
		For >1,000, Deduct	*-443.85*	

26 56 19 00-0225 Post Top, LED Area Fixtures *(26 56 19 00-0156)*

26 56 19 00-0226 Post Top, LED Area Fixtures (Cooper Lighting Invue® MSA) *(26 56 19 00-0225)*

Note: UL wet listed. Includes 4,000K color temperature, 120-480 voltage, 350mA remote driver, die-cast extruded aluminum housing assembly and white, black, grey, dark platinum, graphite metallic or bronze powder coat finish. Excludes sensors.

26 56 19 00-0227	EA	1,800 Lumens, 27 Watt, Post Top Mount, Acorn Style LED Area Fixture (Cooper Lighting Invue® MSA-CO1)	2,193.63	195.99
		For >50 To 100, Deduct	*-109.68*	
		For >100 To 250, Deduct	*-164.52*	
		For >250 To 500, Deduct	*-264.40*	
		For >500 To 1,000, Deduct	*-364.29*	
		For >1,000, Deduct	*-464.17*	
26 56 19 00-0228	EA	3,400 Lumens, 54 Watt, Post Top Mount, Acorn Style LED Area Fixture (Cooper Lighting Invue® MSA-CO2)	2,423.51	195.99
		For >50 To 100, Deduct	*-121.18*	
		For >100 To 250, Deduct	*-181.76*	
		For >250 To 500, Deduct	*-293.14*	
		For >500 To 1,000, Deduct	*-404.51*	
		For >1,000, Deduct	*-515.89*	
26 56 19 00-0229	EA	77 Watt, Post Top Mount, Acorn Style LED Area Fixture (Cooper Lighting Invue® MSA-CO3)	2,605.22	195.99
		For >50 To 100, Deduct	*-130.26*	
		For >100 To 250, Deduct	*-195.39*	
		For >250 To 500, Deduct	*-315.85*	
		For >500 To 1,000, Deduct	*-436.31*	
		For >1,000, Deduct	*-556.78*	

26 56 19 00-0230 Post Top, LED Area Fixtures (General Electric EPAS) *(26 56 19 00-0225)*

Note: UL wet listed. Includes 4,100K color temperature, 120-480 voltage, die-cast extruded aluminum housing assembly and black, green or bronze powder coat finish. Includes photocontrol sensor.

26 56 19 00-0231	EA	3,200 Lumens, 45 Watt, Post Top Mount, Acorn Style LED Area Fixture (General Electric EPAS 0 E5/E3)	2,587.82	195.99
		For >50 To 100, Deduct	*-129.39*	
		For >100 To 250, Deduct	*-194.09*	
		For >250 To 500, Deduct	*-313.68*	
		For >500 To 1,000, Deduct	*-433.27*	
		For >1,000, Deduct	*-552.86*	
26 56 19 00-0232	EA	6,515 Lumens, 80 Watt, Post Top Mount, Acorn Style LED Area Fixture (General Electric EPAS 0 C5/C3)	2,646.88	195.99
		For >50 To 100, Deduct	*-132.34*	
		For >100 To 250, Deduct	*-198.52*	
		For >250 To 500, Deduct	*-321.06*	
		For >500 To 1,000, Deduct	*-443.60*	
		For >1,000, Deduct	*-566.15*	

26 56 19 00-0233 Post Top, LED Area Fixtures (General Electric EPTC) *(26 56 19 00-0225)*

Note: UL wet listed. Includes 4,100K color temperature, 120-480 voltage, die-cast extruded aluminum housing assembly and black, gray or dark bronze powder coat finish. Includes photocontrol sensor.

26 56 19 00-0234	EA	3,200 Lumens, 45 Watt, Post Top Mount, Contemporary Twin Support Style LED Area Fixture (General Electric EPTC 0 E5/E3)	1,788.18	195.99
		For >50 To 100, Deduct	*-89.41*	
		For >100 To 250, Deduct	*-134.11*	
		For >250 To 500, Deduct	*-213.72*	
		For >500 To 1,000, Deduct	*-293.33*	
		For >1,000, Deduct	*-372.94*	
26 56 19 00-0235	EA	6,150 Lumens, 80 Watt, Post Top Mount, Contemporary Twin Support Style LED Area Fixture (General Electric EPTC 0 C5/C3)	1,876.57	195.99
		For >50 To 100, Deduct	*-93.83*	
		For >100 To 250, Deduct	*-140.74*	
		For >250 To 500, Deduct	*-224.77*	
		For >500 To 1,000, Deduct	*-308.80*	
		For >1,000, Deduct	*-392.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0236		Post Top, LED Area Fixtures (General Electric EPST) *(26 56 19 00-0225)* Note: UL wet listed. Includes 4,100K color temperature, 120-480 voltage, die-cast extruded aluminum housing assembly and black or dark bronze powder coat finish. Includes photocontrol sensor.		
26 56 19 00-0237	EA	3,135 Lumens, 45 Watt, Post Top Mount, Utility Carriage Style LED Area Fixture (General Electric EPST 0 E5/E3)	1,386.40	195.99
		For >50 To 100, Deduct	*-69.32*	
		For >100 To 250, Deduct	*-103.98*	
		For >250 To 500, Deduct	*-163.50*	
		For >500 To 1,000, Deduct	*-223.02*	
		For >1,000, Deduct	*-282.54*	
26 56 19 00-0238	EA	6,115 Lumens, 80 Watt, Post Top Mount, Utility Carriage Style LED Area Fixture (General Electric EPST 0 C5/C3)	1,474.79	195.99
		For >50 To 100, Deduct	*-73.74*	
		For >100 To 250, Deduct	*-110.61*	
		For >250 To 500, Deduct	*-174.55*	
		For >500 To 1,000, Deduct	*-238.49*	
		For >1,000, Deduct	*-302.43*	
26 56 19 00-0239		Post Top, LED Area Fixtures (CREE® BetaLED® Edge® ARE-EDR) *(26 56 19 00-0225)* Note: UL wet listed. Includes 4,000K color temperature, 120/277 voltage, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Includes Type V Medium optic. Excludes sensors.		
26 56 19 00-0240	EA	13,800 Lumens, 130 Watt, Post Top Mount, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDR)	3,219.70	195.99
		For >50 To 100, Deduct	*-160.99*	
		For >100 To 250, Deduct	*-241.48*	
		For >250 To 500, Deduct	*-392.66*	
		For >500 To 1,000, Deduct	*-543.85*	
		For >1,000, Deduct	*-695.03*	
26 56 19 00-0241		LED Retrofit For Post Top, Traditional Area Fixtures (CREE® BetaLED® BXRA) *(26 56 19 00-0225)* Note: Includes 2,700K or 4,000K color temperature and 120/277 voltage retrofit assembly. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling.		
26 56 19 00-0242	EA	LED Retrofit For Post Top, Holophane® Utility Granville Acorn Area Fixtures (CREE® BetaLED® BXRAAH53)	891.66	106.91
		For 0 To 10 Volt Dimming, Add	*65.65*	
		For >50 To 100, Deduct	*-44.58*	
		For >100 To 250, Deduct	*-66.87*	
		For >250 To 500, Deduct	*-106.11*	
		For >500 To 1,000, Deduct	*-145.35*	
		For >1,000, Deduct	*-184.59*	
26 56 19 00-0243		LED Retrofit For Post Top, Decorative Area Fixtures (CREE® DPT) *(26 56 19 00-0225)* Note: Includes 3,000K color temperature and 120/277 voltage retrofit assembly. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling.		
26 56 19 00-0244	EA	LED Retrofit For Post Top, Decorative Area Fixtures (CREE® DPT)	559.96	22.81
		For Backlight Control Shield, Add	*43.62*	
		For >50 To 100, Deduct	*-28.00*	
		For >100 To 250, Deduct	*-42.00*	
		For >250 To 500, Deduct	*-67.71*	
		For >500 To 1,000, Deduct	*-93.43*	
		For >1,000, Deduct	*-119.15*	
26 56 19 00-0245		Pole Mount, LED Area Fixtures (ALED20 Area Lights) *(26 56 19 00-0156)* Note: UL wet listed. Includes 5,000K color temperature, 120 voltage.		
26 56 19 00-0246	EA	20 Watts, Pole Mount, LED Area Fixtures (ALED20 Area Lights)	828.84	121.16
26 56 19 00-0247		Surface Mount, LED Strip Fixtures (Sylvania) *(26 56 19 00-0156)*		
26 56 19 00-0248	EA	4' Long, 5,200 Lumens, 40 Watt, Vapor Tight Dimmable LED Fixture (Sylvania VAPOR1B/040UNVD840/48EC/GR/D)	541.69	42.90
		For >50 To 100, Deduct	*-27.08*	
		For >100 To 250, Deduct	*-40.63*	
		For >250 To 500, Deduct	*-66.10*	
		For >500 To 1,000, Deduct	*-91.57*	
		For >1,000, Deduct	*-117.05*	
26 56 21		**HID Exterior Lighting** *(26 56)*		
26 56 21 00-0001		High Mast Fixtures *(26 56 21)*		
26 56 21 00-0002		Metal Halide, High Mast Fixtures *(26 56 21 00-0001)*		
26 56 21 00-0003	EA	400 W High Mast Metal Halide Fixture (VA 25 Type V) As Manufactured By Metrolux	2,017.97	176.40
26 56 21 00-0004	EA	400 W High Mast Metal Halide Fixture (VA 25 Type VS, VF 1 And 3) As Manufactured By Metrolux	2,156.65	176.40
26 56 21 00-0005	EA	750 W High Mast Metal Halide Fixture (VA 25 Type V) As Manufactured By Metrolux	2,138.33	201.52
26 56 21 00-0006	EA	750 W High Mast Metal Halide Fixture (VA 25 Type VS, VF 1 And 3) As Manufactured By Metrolux	2,221.54	201.52
26 56 21 00-0007	EA	1,000 W High Mast Metal Halide Fixture (VA 25 Type V) As Manufactured By Metrolux	2,247.10	251.90
26 56 21 00-0008	EA	1,000 W High Mast Metal Halide Fixture (VA 25 Type VS, VF 1 And 3) As Manufactured By Metrolux	2,330.31	251.90

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 21 00-0009		High Pressure Sodium, High Mast Fixtures *(26 56 21 00-0001)*		
26 56 21 00-0010	EA	400 W High Mast HPS Fixture (VA 25 Type V) As Manufactured By Metrolux	2,084.78	176.40
26 56 21 00-0011	EA	400 W High Mast HPS Fixture (VA 25 Type VS, VF 1 And 3) As Manufactured By Metrolux	2,167.99	176.40
26 56 21 00-0012	EA	600 Watt High Mast HPS Fixture (VA 25 Type V, VS, VF 1 And 3) As Manufactured By Metrolux	2,523.10	186.47
26 56 21 00-0013	EA	750 Watt High Mast HPS Fixture (VA 25 Type V, VS, VF 1 And 3) As Manufactured By Metrolux	2,584.86	201.52
26 56 21 00-0014	EA	1,000 Watt High Mast HPS Fixture (VA 25 Type V, VS, VF 1 And 3) As Manufactured By Metrolux	2,735.23	251.90
26 56 21 00-0015		HID, Pole Mounted *(26 56 21)*		
26 56 21 00-0016		Metal Halide, Pole Mounted *(26 56 21 00-0015)*		
26 56 21 00-0017	EA	175 Watt Metal Halide, Enclosed And Gasketed, Exterior Roadway Fixture	755.32	287.64
26 56 21 00-0018	EA	250 Watt Metal Halide, Enclosed And Gasketed, Exterior Roadway Fixture	851.43	312.22
26 56 21 00-0019	EA	400 Watt Metal Halide, Enclosed And Gasketed, Exterior Roadway Fixture	994.94	335.86
26 56 21 00-0020	EA	1,000 Watt Metal Halide, Enclosed And Gasketed, Exterior Roadway Fixture	1,257.48	393.64
26 56 21 00-0021		High Pressure Sodium, Pole Mounted *(26 56 21 00-0015)*		
26 56 21 00-0022	EA	100 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	861.81	335.86
26 56 21 00-0023	EA	150 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	887.71	335.86
26 56 21 00-0024	EA	175 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	928.78	335.86
26 56 21 00-0025	EA	250 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	1,037.74	335.86
26 56 21 00-0026	EA	400 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	1,197.86	335.86
26 56 21 00-0027	EA	1,000 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	1,204.82	335.86
26 56 21 00-0028		Low Pressure Sodium, Pole Mounted *(26 56 21 00-0015)*		
26 56 21 00-0029	EA	135 Watt Low Pressure Sodium Exterior Roadway Fixture, Enclosed And Gasketed	766.78	182.72
26 56 21 00-0030	EA	135 Watt Low Pressure Sodium Fixture, Enclosed And Gasketed	821.11	268.70
26 56 21 00-0031	EA	180 Watt Low Pressure Sodium Fixture, Enclosed And Gasketed	970.41	268.70
26 56 21 00-0032		Metal Halide, Area Fixtures *(26 56 21)*		
26 56 21 00-0033		Metal Halide, Pole Mount, Area Fixtures *(26 56 21 00-0032)* Note: Includes pulse start ballast.		
26 56 21 00-0034	EA	150 Watt, Metal Halide Area Fixture, Pole Mount	1,187.91	177.58
26 56 21 00-0035	EA	175 Watt, Metal Halide Area Fixture, Pole Mount	1,303.57	195.34
26 56 21 00-0036	EA	250 Watt, Metal Halide Area Fixture, Pole Mount	1,441.87	213.10
26 56 21 00-0037	EA	400 Watt, Metal Halide Area Fixture, Pole Mount	1,523.07	248.61
26 56 21 00-0038		High Pressure Sodium, Area Fixtures *(26 56 21)*		
26 56 21 00-0039		Pole Mount, High Pressure Sodium Area Fixtures *(26 56 21 00-0038)*		
26 56 21 00-0040	EA	100 Watt, High Pressure Sodium Area Fixture, Pole Mount	987.32	142.07
26 56 21 00-0041	EA	150 Watt, High Pressure Sodium Area Fixture, Pole Mount	1,072.69	177.58
26 56 21 00-0042	EA	250 Watt, High Pressure Sodium Area Fixture, Pole Mount	1,161.90	213.10
26 56 21 00-0043	EA	400 Watt, High Pressure Sodium Area Fixture, Pole Mount	1,223.05	248.61
26 56 21 00-0044		Surface Mounted, Rectangular Exterior Area Fixture *(26 56 21)*		
26 56 21 00-0045		Metal Halide, Surface Mounted, Rectangular Exterior Area Fixture *(26 56 21 00-0044)*		
26 56 21 00-0046	EA	175 Watt Metal Halide, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	708.64	268.70
26 56 21 00-0047	EA	250 Watt Metal Halide, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	808.57	302.29
26 56 21 00-0048	EA	400 Watt Metal Halide, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	971.13	335.86
26 56 21 00-0049	EA	1,000 Watt Metal Halide, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	1,235.34	393.64
26 56 21 00-0050		High Pressure Sodium, Surface Mounted, Rectangular Exterior Area Fixture *(26 56 21 00-0044)*		
26 56 21 00-0051	EA	70 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture (LumaPro)	683.31	229.73
26 56 21 00-0052	EA	100 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture (LumaPro)	742.92	244.52
26 56 21 00-0053	EA	150 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture (LumaPro)	801.14	257.95
26 56 21 00-0054	EA	175 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	827.81	268.70
26 56 21 00-0055	EA	250 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	919.77	302.29
26 56 21 00-0056	EA	400 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	992.36	335.86
26 56 21 00-0057	EA	1,000 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	1,362.73	393.64
26 56 21 00-0058		Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixtures *(26 56 21)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 21 00-0059		**High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixtures** *(26 56 21 00-0058)*		
		Note: Includes cast aluminum powder coated housing, polycarbonate lens and tamperproof screws.		
26 56 21 00-0060	EA	35 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	845.29	181.37
26 56 21 00-0061	EA	50 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	875.96	201.52
26 56 21 00-0062	EA	70 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	935.25	229.73
26 56 21 00-0063	EA	100 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	960.62	244.52
26 56 21 00-0064	EA	150 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	986.84	257.95
26 56 21 00-0065	EA	175 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	1,034.10	268.70
26 56 21 00-0066	EA	250 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	1,133.55	302.29
26 56 21 00-0067	EA	400 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	1,379.16	335.86
26 56 21 00-0068		**Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixtures** *(26 56 21 00-0058)*		
		Note: Includes cast aluminum powder coated housing, polycarbonate lens and tamperproof screws.		
26 56 21 00-0069	EA	50 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	930.42	201.52
26 56 21 00-0070	EA	70 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	981.43	229.73
26 56 21 00-0071	EA	100 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	1,014.54	244.52
26 56 21 00-0072	EA	150 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	1,057.34	257.95
26 56 21 00-0073	EA	175 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	1,080.35	268.70
26 56 21 00-0074	EA	250 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	1,182.17	302.29
26 56 21 00-0075	EA	400 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	1,508.37	335.86
26 56 21 00-0076		**Wall Packs** *(26 56 21)*		
26 56 21 00-0077		**Non-Cutoff, Polycarbonate Lens, Mini Wall Packs** *(26 56 21 00-0076)*		
		Note: Polycarbonate body and aluminum reflector. 11" x 6-1/2" x 5-1/4". Lithonia TWS.		
26 56 21 00-0078	EA	13 Watt Compact Fluorescent, Non-Cutoff, Polycarbonate Lens, Mini Wall Pack	381.55	64.14
26 56 21 00-0079	EA	50 Watt Metal Halide, Non-Cutoff, Polycarbonate Lens, Mini Wall Pack	409.33	64.14
26 56 21 00-0080	EA	35 Watt High Pressure Sodium, Non-Cutoff, Polycarbonate Lens, Mini Wall Pack	409.33	64.14
26 56 21 00-0081	EA	70 Watt High Pressure Sodium, Non-Cutoff, Polycarbonate Lens, Mini Wall Pack	544.03	64.14
26 56 21 00-0082		**Semi-Cutoff, Polycarbonate Lens, Mini Wall Packs** *(26 56 21 00-0076)*		
		Note: Polycarbonate body and diffused aluminum reflector. 10" x 11-1/2" x 8-15/16". Lithonia TWA.		
26 56 21 00-0083	EA	42 Watt Compact Fluorescent, Semi-Cutoff, Polycarbonate Lens, Mini Wall Pack	761.45	64.14
26 56 21 00-0084	EA	50 Watt Metal Halide, Semi-Cutoff, Polycarbonate Lens, Mini Wall Pack	771.45	64.14
26 56 21 00-0085	EA	70 Watt Metal Halide, Semi-Cutoff, Polycarbonate Lens, Mini Wall Pack	780.09	64.14
26 56 21 00-0086	EA	100 Watt Metal Halide, Semi-Cutoff, Polycarbonate Lens, Mini Wall Pack	764.33	64.14
26 56 21 00-0087	EA	70 Watt High Pressure Sodium, Semi-Cutoff, Polycarbonate Lens, Mini Wall Pack	699.50	64.14
26 56 21 00-0088	EA	100 Watt High Pressure Sodium, Semi-Cutoff, Polycarbonate Lens, Mini Wall Pack	663.90	64.14
26 56 21 00-0089		**Cutoff, Polycarbonate Lens, Mini Wall Packs** *(26 56 21 00-0076)*		
		Note: Polycarbonate body and diffused aluminum reflector. 10" x 11-1/2" x 8-15/16". Lithonia TWAC.		
26 56 21 00-0090	EA	50 Watt Metal Halide, Cutoff, Polycarbonate Lens, Mini Wall Pack	802.46	64.14
26 56 21 00-0091	EA	70 Watt Metal Halide, Cutoff, Polycarbonate Lens, Mini Wall Pack	811.57	64.14
26 56 21 00-0092	EA	100 Watt Metal Halide, Cutoff, Polycarbonate Lens, Mini Wall Pack	795.83	64.14
26 56 21 00-0093	EA	70 Watt High Pressure Sodium, Cutoff, Polycarbonate Lens, Mini Wall Pack	808.51	64.14
26 56 21 00-0094	EA	100 Watt High Pressure Sodium, Cutoff, Polycarbonate Lens, Mini Wall Pack	808.51	64.14
26 56 21 00-0095		**Non-Cutoff, Borosilicate Glass Lens, Small Wall Packs** *(26 56 21 00-0076)*		
		Note: Aluminum body and reflector. 9" x 13" x 7-3/8". Lithonia TWR1.		
26 56 21 00-0096	EA	70 Watt Metal Halide, Non-Cutoff, Borosilicate Glass Lens, Small Wall Pack	761.89	85.45
26 56 21 00-0097	EA	100 Watt Metal Halide, Non-Cutoff, Borosilicate Glass Lens, Small Wall Pack	761.89	85.45
26 56 21 00-0098	EA	175 Watt Metal Halide, Non-Cutoff, Borosilicate Glass Lens, Small Wall Pack	713.10	85.45
26 56 21 00-0099	EA	70 Watt High Pressure Sodium, Non-Cutoff, Borosilicate Glass Lens, Small Wall Pack	731.80	85.45
26 56 21 00-0100	EA	100 Watt High Pressure Sodium, Non-Cutoff, Borosilicate Glass Lens, Small Wall Pack	731.80	85.45
26 56 21 00-0101	EA	150 Watt High Pressure Sodium, Non-Cutoff, Borosilicate Glass Lens, Small Wall Pack	677.71	85.45
26 56 21 00-0102		**Cutoff, Borosilicate Glass Lens, Small Wall Packs** *(26 56 21 00-0076)*		
		Note: Aluminum body and reflector. 10-1/4" x 13" x 8-15/32". Lithonia TWR1C.		
26 56 21 00-0103	EA	70 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Small Wall Pack	790.79	85.45
26 56 21 00-0104	EA	100 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Small Wall Pack	790.79	85.45
26 56 21 00-0105	EA	175 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Small Wall Pack	790.79	85.45
26 56 21 00-0106	EA	70 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Small Wall Pack	762.10	85.45
26 56 21 00-0107	EA	100 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Small Wall Pack	762.10	85.45
26 56 21 00-0108	EA	150 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Small Wall Pack	762.10	85.45
26 56 21 00-0109		**Full Cutoff, Tempered Glass Lens, Small Wall Packs** *(26 56 21 00-0076)*		
		Note: Aluminum body and reflector. 9-3/8" x 14-3/8" x 8-3/4". Meets Nighttime Friendly criteria. Lithonia TWR1S.		
26 56 21 00-0110	EA	175 Watt Metal Halide, Full Cutoff, Tempered Glass Lens, Small Wall Pack	1,024.30	85.45

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 21 00-0111		Cutoff, Borosilicate Glass Lens, Medium Wall Packs *(26 56 21 00-0076)*		
		Note: Aluminum body and reflector. Lithonia TWR2.		
26 56 21 00-0112	EA	250 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Medium Wall Pack	960.26	105.84
		Note: 9-1/4" x 17-7/8" x 9-3/8".		
26 56 21 00-0113	EA	400 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Medium Wall Pack	1,026.40	105.84
		Note: 9-1/4" x 17-7/8" x 12-1/2".		
26 56 21 00-0114	EA	250 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Medium Wall Pack	1,105.25	105.84
		Note: 9-1/4" x 17-7/8" x 9-3/8".		
26 56 21 00-0115	EA	400 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Medium Wall Pack	1,126.95	105.84
		Note: 9-1/4" x 17-7/8" x 12-1/2".		
26 56 21 00-0116		Cutoff, Tempered Glass Lens, Medium Wall Packs *(26 56 21 00-0076)*		
		Note: Aluminum body and reflector. 10" x 17-1/8" x 14-1/2". Lithonia TWR2C.		
26 56 21 00-0117	EA	250 Watt Metal Halide, Cutoff, Tempered Glass Lens, Medium Wall Pack	1,045.33	105.84
26 56 21 00-0118	EA	400 Watt Metal Halide, Cutoff, Tempered Glass Lens, Medium Wall Pack	1,119.64	105.84
26 56 21 00-0119		Non-Cutoff, Polycarbonate Lens, Large Wall Packs *(26 56 21 00-0076)*		
		Note: Polycarbonate body and powder coated reflector. 15-7/16" x 16-1/8" x 7-3/4". Lithonia TWP.		
26 56 21 00-0120	EA	100 Watt Metal Halide, Non-Cutoff, Polycarbonate Lens, Large Wall Pack	962.03	128.30
26 56 21 00-0121	EA	175 Watt Metal Halide, Non-Cutoff, Polycarbonate Lens, Large Wall Pack	883.32	128.30
26 56 21 00-0122	EA	70 Watt High Pressure Sodium, Non-Cutoff, Polycarbonate Lens, Large Wall Pack	943.81	128.30
26 56 21 00-0123	EA	100 Watt High Pressure Sodium, Non-Cutoff, Polycarbonate Lens, Large Wall Pack	949.84	128.30
26 56 21 00-0124	EA	150 Watt High Pressure Sodium, Non-Cutoff, Polycarbonate Lens, Large Wall Pack	956.15	128.30
26 56 21 00-0125		Non-Cutoff, Borosilicate Glass Lens, Large Wall Packs *(26 56 21 00-0076)*		
		Note: Aluminum body and reflector. 15-3/4" x 16-1/4" x 8". Lithonia TWH.		
26 56 21 00-0126	EA	175 Watt Metal Halide, Non-Cutoff, Borosilicate Glass Lens, Large Wall Pack	962.05	128.30
26 56 21 00-0127	EA	250 Watt Metal Halide, Non-Cutoff, Borosilicate Glass Lens, Large Wall Pack	988.31	128.30
26 56 21 00-0128	EA	400 Watt Metal Halide, Non-Cutoff, Borosilicate Glass Lens, Large Wall Pack	1,067.02	128.30
26 56 21 00-0129	EA	150 Watt High Pressure Sodium, Non-Cutoff, Borosilicate Glass Lens, Large Wall Pack	1,014.55	128.30
26 56 21 00-0130	EA	250 Watt High Pressure Sodium, Non-Cutoff, Borosilicate Glass Lens, Large Wall Pack	1,040.82	128.30
26 56 21 00-0131	EA	400 Watt High Pressure Sodium, Non-Cutoff, Borosilicate Glass Lens, Large Wall Pack	1,093.24	128.30
26 56 21 00-0132		Semi-Cutoff, Induction Wall Packs *(26 56 21 00-0076)*		
26 56 21 00-0133		Semi-Cutoff, Induction Wall Packs (Everlast®) *(26 56 21 00-0132)*		
		Note: UL wet listed. Includes bi-level ballast, die-cast aluminum housing assembly and bronze powder coat finish. Excludes sensors.		
26 56 21 00-0134	EA	70 Watt, Wall Mount, Semi-Cutoff, Bi-Level Induction Wall Pack (Everlast® EOF-ED-70)	1,247.79	121.16
26 56 21 00-0135	EA	80 Watt, Wall Mount, Semi-Cutoff, Bi-Level Induction Wall Pack (Everlast® EOF-ED-80)	1,273.25	128.29
26 56 21 00-0136	EA	100 Watt, Wall Mount, Semi-Cutoff, Bi-Level Induction Wall Pack (Everlast® EOF-ED-100)	1,298.70	135.42
26 56 21 00-0137	EA	120 Watt, Wall Mount, Semi-Cutoff, Bi-Level Induction Wall Pack (Everlast® EOF-ED-120)	1,447.40	142.54
26 56 21 00-0138		Non-Cutoff, Polycarbonate Lens, Small Wall Packs *(26 56 21 00-0076)*		
26 56 21 00-0139	EA	15 Watt, Exterior, Non-Cutoff Small Wall Pack (Sylvania 60066-SMWLPAK1N/015UNV740/NC/BZ/P)	393.79	64.14
26 56 21 00-0140		Induction, Roadway Lighting *(26 56 21)*		
26 56 21 00-0141		Induction Roadway Lighting (US Lighting Tech) *(26 56 21 00-0140)*		
		Note: Includes gray powder coat finish heavy-duty die cast aluminum body and flat glass lens.		
26 56 21 00-0142	EA	40 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511)	689.94	213.81
26 56 21 00-0143	EA	70 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511)	755.63	220.94
26 56 21 00-0144	EA	100 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511)	784.13	235.20
26 56 21 00-0145	EA	150 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511)	812.64	249.45
26 56 21 00-0146	EA	200 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511)	945.19	256.58
26 56 21 00-0147	EA	250 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511)	963.56	263.70
26 56 21 00-0148	EA	40 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (US Lighting Tech Cobra 100, 512)	646.74	213.81
26 56 21 00-0149	EA	70 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (US Lighting Tech Cobra 100, 512)	718.60	220.94
26 56 21 00-0150	EA	100 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (US Lighting Tech Cobra 100, 512)	747.10	235.20
26 56 21 00-0151	EA	150 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (US Lighting Tech Cobra 100, 512)	775.61	249.45
26 56 21 00-0152		Induction, Area Fixtures *(26 56 21)*		
26 56 21 00-0153		Post Top, Induction Area Fixtures *(26 56 21 00-0152)*		
26 56 21 00-0154		Post Top, Induction Area Fixtures (US Lighting Tech) *(26 56 21 00-0153)*		
		Note: Includes black powder coat finish heavy-duty die cast aluminum body and no-lite lid acrylic lens.		
26 56 21 00-0155	EA	40 Watt Induction, Post Top Mount, Acorn Style Area Fixture (US Lighting Tech Acorn, 571)	763.35	195.99
26 56 21 00-0156	EA	70 Watt Induction, Post Top Mount, Acorn Style Area Fixture (US Lighting Tech Acorn, 571)	823.01	195.99
26 56 21 00-0157	EA	100 Watt Induction, Post Top Mount, Acorn Style Area Fixture (US Lighting Tech Acorn, 571)	823.01	195.99
26 56 21 00-0158	EA	150 Watt Induction, Post Top Mount, Acorn Style Area Fixture (US Lighting Tech Acorn, 571)	823.01	195.99
26 56 21 00-0159		Surface Mount, Induction Parking Structure Fixtures *(26 56 21 00-0152)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 21 00-0160		**Surface Mount, Induction Parking Structure Fixtures (Everlast®)** *(26 56 21 00-0159)*		
26 56 21 00-0161	EA	40 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	693.51	178.18
26 56 21 00-0162	EA	55 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	735.61	181.74
26 56 21 00-0163	EA	70 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	746.85	185.31
26 56 21 00-0164	EA	80 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	758.10	188.86
26 56 21 00-0165	EA	100 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	769.33	192.43
26 56 21 00-0166	EA	120 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	784.69	195.99
26 56 21 00-0167	EA	70/28 Watt Bi-Level Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	806.52	185.31
26 56 21 00-0168	EA	80/32 Watt Bi-Level Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	817.76	188.86
26 56 21 00-0169	EA	100/40 Watt Bi-Level Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	829.00	192.43
26 56 21 00-0170	EA	120/48 Watt Bi-Level Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	861.84	195.99
26 56 21 00-0171		**Pole Mount, Induction Area Fixtures** *(26 56 21 00-0152)*		
26 56 21 00-0172		**Pole Mount, Bi-Level Induction Area Fixtures (Everlast® ESB-ED)** *(26 56 21 00-0171)*		
		Note: UL wet listed. Includes bi-level ballast, die-cast aluminum housing assembly and bronze powder coat finish. Excludes sensors.		
26 56 21 00-0173	EA	70 Watt, Pole Mount, Bi-Level Induction Area Fixture (Everlast® ESB-ED-70)	1,303.80	121.16
26 56 21 00-0174	EA	80 Watt, Pole Mount, Bi-Level Induction Area Fixture (Everlast® ESB-ED-80)	1,340.47	128.29
26 56 21 00-0175	EA	100 Watt, Pole Mount, Bi-Level Induction Area Fixture (Everlast® ESB-ED-100)	1,377.12	135.42

END OF SECTION 26

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

27 Communications

Note: Termination costs are included with all communication equipment, panel boards, and devices. Terminations are not included with patch panels.

27 05 Common Work Results for Communications *(27)*

27 05 26 Grounding and Bonding for Communications Systems *(27 05)*

See CSI section 26 05 26 00-0000 for grounding.

27 05 26 00-0001	EA	25 Pair Outdoor, Enclosed Building Entrance Terminal (ADC 6649 1 720-00) Note: Excludes terminations.	1,085.30	131.32
27 05 26 00-0002	EA	50 Pair Outdoor, Enclosed Building Entrance Terminal (ADC 6649 1 820-00) Note: Excludes terminations.	1,387.67	175.14
27 05 26 00-0003	EA	100 Pair Outdoor, Enclosed Building Entrance Terminal (ADC 6649 1 630-00) Note: Excludes terminations.	2,197.78	262.64
27 05 26 00-0004	EA	Lucent 3B1-EW, Gas Tube Protector Unit	13.11	1.93
27 05 26 00-0005	EA	44 Terminal Copper Ground Bus Bar (Siemens ECGK)	86.04	34.70
27 05 26 00-0006	EA	2" x 1/4" x 12", G Pattern, Grounding Bus Bar	192.88	34.70
27 05 26 00-0007	EA	2" x 1/4" x 12", TGB Pattern, Grounding Bus Bar	207.80	34.70
27 05 26 00-0008	EA	4" x 1/4" x 12", TMGB Pattern, Grounding Bus Bar	393.99	34.70
27 05 26 00-0009	EA	#6 AWG, Cable Runway Ground Strap	78.45	6.42
27 05 26 00-0010	EA	1/4" Screw Size, #6 AWG Compression Lug	27.43	6.42
27 05 26 00-0011	EA	3/8" Screw Size, #6 AWG Compression Lug	29.22	6.42
27 05 26 00-0012	EA	Two Mounting Hole, Ground Terminal Block	32.55	6.42

27 05 29 Hangers and Supports for Communications Systems *(27 05)*

See CSI section 26 05 29 00-0000 for hangers and supports.

27 05 29 00-0001 Communications And Low Voltage Cable Hooks (J-Hooks) *(27 05 29)*

27 05 29 00-0002 Screw On Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) *(27 05 29 00-0001)*

Note: Includes screw.

27 05 29 00-0003	EA	3/4" Hook Size, Pre-Galvanized Finish, Screw On, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12)	10.05	3.21
		For >50 To 100, Deduct	*-0.41*	
		For >100 To 250, Deduct	*-0.82*	
		For >250 To 500, Deduct	*-1.56*	
		For >500, Deduct	*-2.29*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.71*	
		For Work In Restricted Working Space, Add	*1.93*	
		For Painted Powder Coated Finish, Add	*0.74*	
27 05 29 00-0004	EA	1-5/16" Hook Size, Pre-Galvanized Finish, Screw On, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21)	10.61	3.21
		For >50 To 100, Deduct	*-0.43*	
		For >100 To 250, Deduct	*-0.85*	
		For >250 To 500, Deduct	*-1.60*	
		For >500, Deduct	*-2.35*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.71*	
		For Work In Restricted Working Space, Add	*1.93*	
		For Painted Powder Coated Finish, Add	*2.58*	
		For Low Friction Xylan® Coated Finish, Add	*9.20*	
27 05 29 00-0005	EA	2" Hook Size, Pre-Galvanized Finish, Screw On, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32)	11.48	3.21
		For >50 To 100, Deduct	*-0.45*	
		For >100 To 250, Deduct	*-0.90*	
		For >250 To 500, Deduct	*-1.66*	
		For >500, Deduct	*-2.43*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.71*	
		For Work In Restricted Working Space, Add	*1.93*	
		For Painted Powder Coated Finish, Add	*3.17*	
		For Low Friction Xylan® Coated Finish, Add	*11.44*	
27 05 29 00-0006	EA	4" Hook Size, Pre-Galvanized Finish, Screw On, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH64)	19.01	3.21
		For >50 To 100, Deduct	*-0.64*	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-3.19*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.71*	
		For Work In Restricted Working Space, Add	*1.93*	
		For Painted Powder Coated Finish, Add	*1.69*	
		For Low Friction Xylan® Coated Finish, Add	*10.14*	

27 05 29 00-0007 Screw On Angle Bracket Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) *(27 05 29 00-0001)*

Note: Includes screw.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 05 29 00-0008	EA	3/4" Hook Size, Pre-Galvanized Finish, Screw On Angle Bracket Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12-RB)	11.37	3.21
		For >50 To 100, Deduct	*-0.44*	
		For >100 To 250, Deduct	*-0.89*	
		For >250 To 500, Deduct	*-1.66*	
		For >500, Deduct	*-2.42*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.71*	
		For Work In Restricted Working Space, Add	*1.93*	
27 05 29 00-0009	EA	1-5/16" Hook Size, Pre-Galvanized Finish, Screw On Angle Bracket Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-RB)	14.76	3.21
		For >50 To 100, Deduct	*-0.53*	
		For >100 To 250, Deduct	*-1.06*	
		For >250 To 500, Deduct	*-1.91*	
		For >500, Deduct	*-2.76*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.71*	
		For Work In Restricted Working Space, Add	*1.93*	
27 05 29 00-0010	EA	2" Hook Size, Pre-Galvanized Finish, Screw On Angle Bracket Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-RB)	16.41	3.21
		For >50 To 100, Deduct	*-0.57*	
		For >100 To 250, Deduct	*-1.14*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.93*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.71*	
		For Work In Restricted Working Space, Add	*1.93*	
27 05 29 00-0011	EA	4" Hook Size, Pre-Galvanized Finish, Screw On Angle Bracket Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH64-RB)	22.31	3.21
		For >50 To 100, Deduct	*-0.72*	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-2.48*	
		For >500, Deduct	*-3.52*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.71*	
		For Work In Restricted Working Space, Add	*1.93*	

27 05 29 00-0012 Strut Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) *(27 05 29 00-0001)*

Note: Excludes strut.

27 05 29 00-0013	EA	3/4" Hook Size, Pre-Galvanized Finish, Strut Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12-SC4)	12.00	3.21
		For >50 To 100, Deduct	*-0.46*	
		For >100 To 250, Deduct	*-0.92*	
		For >250 To 500, Deduct	*-1.70*	
		For >500, Deduct	*-2.48*	
		For Work In Restricted Working Space, Add	*1.93*	
27 05 29 00-0014	EA	1-5/16" Hook Size, Pre-Galvanized Finish, Strut Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-SC4)	14.26	3.21
		For >50 To 100, Deduct	*-0.52*	
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.71*	
		For Work In Restricted Working Space, Add	*1.93*	
27 05 29 00-0015	EA	2" Hook Size, Pre-Galvanized Finish, Strut Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-SC4)	15.43	3.21
		For >50 To 100, Deduct	*-0.55*	
		For >100 To 250, Deduct	*-1.09*	
		For >250 To 500, Deduct	*-1.96*	
		For >500, Deduct	*-2.83*	
		For Work In Restricted Working Space, Add	*1.93*	
27 05 29 00-0016	EA	4" Hook Size, Pre-Galvanized Finish, Strut Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH64-SC4)	21.01	3.21
		For >50 To 100, Deduct	*-0.69*	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-2.38*	
		For >500, Deduct	*-3.39*	
		For Work In Restricted Working Space, Add	*1.93*	

27 05 29 00-0017 T-Bar Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) *(27 05 29 00-0001)*

Note: Excludes T-Bar.

27 05 29 00-0018	EA	3/4" Hook Size, Pre-Galvanized Finish, T-Bar Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12-A28)	14.47	3.21
		For >50 To 100, Deduct	*-0.52*	
		For >100 To 250, Deduct	*-1.04*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.73*	
		For Work In Restricted Working Space, Add	*1.93*	
27 05 29 00-0019	EA	1-5/16" Hook Size, Pre-Galvanized Finish, T-Bar Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-A28)	18.29	3.21
		For >50 To 100, Deduct	*-0.62*	
		For >100 To 250, Deduct	*-1.24*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-3.11*	
		For Work In Restricted Working Space, Add	*1.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 05 29 00-0020	EA	2" Hook Size, Pre-Galvanized Finish, T-Bar Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-A28)	19.29	3.21
		For >50 To 100, Deduct	*-0.64*	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-2.25*	
		For >500, Deduct	*-3.21*	
		For Work In Restricted Working Space, Add	*1.93*	

27 05 29 00-0021 Plain Or Threaded Rod Clip-On Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) *(27 05 29 00-0001)*

Note: Excludes threaded rod. See CSI section 26 05 29 00-0198 for threaded rod.

27 05 29 00-0022	EA	3/4" Hook Size, Pre-Galvanized Finish, Plain Or Threaded Rod Clip-On Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12-W6)	11.70	3.21
		For >50 To 100, Deduct	*-0.45*	
		For >100 To 250, Deduct	*-0.91*	
		For >250 To 500, Deduct	*-1.68*	
		For >500, Deduct	*-2.45*	
		For Work In Restricted Working Space, Add	*1.93*	
27 05 29 00-0023	EA	1-5/16" Hook Size, Pre-Galvanized Finish, Plain Or Threaded Rod Clip-On Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-W6)	12.22	3.21
		For >50 To 100, Deduct	*-0.47*	
		For >100 To 250, Deduct	*-0.93*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.51*	
		For Work In Restricted Working Space, Add	*1.93*	
27 05 29 00-0024	EA	2" Hook Size, Pre-Galvanized Finish, Plain Or Threaded Rod Clip-On Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-W6)	14.86	3.21
		For >50 To 100, Deduct	*-0.53*	
		For >100 To 250, Deduct	*-1.06*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.77*	
		For Work In Restricted Working Space, Add	*1.93*	

27 05 29 00-0025 Threaded Rod Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) *(27 05 29 00-0001)*

Note: Excludes threaded rod, nuts and washers. See CSI section 26 05 29 00-0198 for threaded rod, nuts and washers.

27 05 29 00-0026	EA	1-5/16" Hook Size, Pre-Galvanized Finish, Threaded Rod Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-AB)	14.56	3.21
		For >50 To 100, Deduct	*-0.52*	
		For >100 To 250, Deduct	*-1.05*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.74*	
		For Work In Restricted Working Space, Add	*1.93*	
27 05 29 00-0027	EA	2" Hook Size, Pre-Galvanized Finish, Threaded Rod Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-AB)	15.80	3.21
		For >50 To 100, Deduct	*-0.56*	
		For >100 To 250, Deduct	*-1.11*	
		For >250 To 500, Deduct	*-1.99*	
		For >500, Deduct	*-2.86*	
		For Work In Restricted Working Space, Add	*1.93*	
27 05 29 00-0028	EA	4" Hook Size, Pre-Galvanized Finish, Threaded Rod Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH64-AB)	21.96	3.21
		For >50 To 100, Deduct	*-0.71*	
		For >100 To 250, Deduct	*-1.42*	
		For >250 To 500, Deduct	*-2.45*	
		For >500, Deduct	*-3.48*	
		For Work In Restricted Working Space, Add	*1.93*	

27 05 29 00-0029 Beam Clamp Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) *(27 05 29 00-0001)*

27 05 29 00-0030	EA	3/4" Hook Size, Pre-Galvanized Finish, Beam Clamp Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12-C442A)	14.39	3.21
		For >50 To 100, Deduct	*-0.52*	
		For >100 To 250, Deduct	*-1.04*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.72*	
		For Work In Restricted Working Space, Add	*1.93*	
27 05 29 00-0031	EA	1-5/16" Hook Size, Pre-Galvanized Finish, Beam Clamp Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-C442A)	16.60	3.21
		For >50 To 100, Deduct	*-0.58*	
		For >100 To 250, Deduct	*-1.15*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-2.94*	
		For Work In Restricted Working Space, Add	*1.93*	
27 05 29 00-0032	EA	2" Hook Size, Pre-Galvanized Finish, Beam Clamp Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-C442A)	17.77	3.21
		For >50 To 100, Deduct	*-0.60*	
		For >100 To 250, Deduct	*-1.21*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-3.06*	
		For Work In Restricted Working Space, Add	*1.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 05 29 00-0033	EA	4" Hook Size, Pre-Galvanized Finish, Beam Clamp Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH64-C442A)	24.20	3.21
		For >50 To 100, Deduct	*-0.77*	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-2.62*	
		For >500, Deduct	*-3.70*	
		For Work In Restricted Working Space, Add	*1.93*	
27 05 29 00-0034		Adjustable Cable Supports (Caddy® CableCat CAT425) *(27 05 29)*		
27 05 29 00-0035	EA	Wall Mount, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	41.11	4.23
		For >50 To 100, Deduct	*-1.35*	
		For >100 To 250, Deduct	*-2.70*	
		For >250 To 500, Deduct	*-4.69*	
		For >500, Deduct	*-6.68*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*3.31*	
		For Work In Restricted Working Space, Add	*3.85*	
27 05 29 00-0036	EA	Threaded Rod Or Horizontal Surface Mount, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	41.94	4.23
		For >50 To 100, Deduct	*-1.37*	
		For >100 To 250, Deduct	*-2.74*	
		For >250 To 500, Deduct	*-4.75*	
		For >500, Deduct	*-6.76*	
		For Work In Restricted Working Space, Add	*3.85*	
27 05 29 00-0037	EA	Up To 1/4" Flange, Hammer On Flange Clip, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	46.24	4.23
		For >50 To 100, Deduct	*-1.48*	
		For >100 To 250, Deduct	*-2.95*	
		For >250 To 500, Deduct	*-5.07*	
		For >500, Deduct	*-7.19*	
		For Work In Restricted Working Space, Add	*3.85*	
27 05 29 00-0038	EA	>1/4" To 3/4" Flange, Hammer On Flange Clip, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	40.97	4.23
		For >50 To 100, Deduct	*-1.35*	
		For >100 To 250, Deduct	*-2.69*	
		For >250 To 500, Deduct	*-4.68*	
		For >500, Deduct	*-6.66*	
		For Work In Restricted Working Space, Add	*3.85*	
27 05 29 00-0039	EA	Up To 1/2" Flange, Beam Clamp, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	42.97	4.23
		For >50 To 100, Deduct	*-1.40*	
		For >100 To 250, Deduct	*-2.79*	
		For >250 To 500, Deduct	*-4.83*	
		For >500, Deduct	*-6.86*	
		For Work In Restricted Working Space, Add	*3.85*	
27 05 29 00-0040	EA	>1/2" To 5/8" Flange, Beam Clamp, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	44.94	4.23
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 250, Deduct	*-2.89*	
		For >250 To 500, Deduct	*-4.97*	
		For >500, Deduct	*-7.06*	
		For Work In Restricted Working Space, Add	*3.85*	
27 05 29 00-0041	EA	Up To 1/4" Flange, Hammer On Purlin Clip, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	42.29	4.23
		For >50 To 100, Deduct	*-1.38*	
		For >100 To 250, Deduct	*-2.76*	
		For >250 To 500, Deduct	*-4.78*	
		For >500, Deduct	*-6.80*	
		For Work In Restricted Working Space, Add	*3.85*	

27 05 33 Conduits and Back Boxes for Communications Systems *(27 05)*

See CSI section 26 05 33 00-0000 for conduit and boxes.

27 05 36 Cable Trays for Communications Systems *(27 05)*

See CSI section 26 05 36 00-0000 for cable trays.

27 05 39 Surface Raceways for Communications Systems *(27 05)*

See CSI section 26 05 33 00-0000 for surface raceways.

27 05 43 Underground Ducts and Raceways for Communications Systems *(27 05)*

See CSI section 26 05 43 00-0000 for underground ducts and raceways.

27 05 53 Identification for Communications Systems *(27 05)*

See CSI section 26 05 53 00-0000 for identification.

27 10 Structured Cabling *(27)*

Note: Includes identifying, tagging and testing.

27 11 Communications Equipment Room Fittings *(27 10)*

27 11 16 Communications Cabinets, Racks, Frames, and Enclosures *(27 11)*

27 11 16 00-0001 3/4" Fire Retardant Plywood Backboards *(27 11 16)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 11 16 00-0002	EA	4' x 4' x 3/4" Fire Retardant Plywood Backboard	101.95	33.36
		For Two Coats Of Non-Conductive, Fire Retardant Paint, Add	*49.70*	
27 11 16 00-0003	EA	4' x 8' x 3/4" Fire Retardant Plywood Backboard	203.90	66.71
		For Two Coats Of Non-Conductive, Fire Retardant Paint, Add	*99.42*	
27 11 16 00-0004		**Terminal Cabinets** *(27 11 16)*		
27 11 16 00-0005	EA	12" x 12" x 4" Phone Terminal Cabinet With Wood Backboard	402.30	96.22
27 11 16 00-0006	EA	18" x 12" x 4" Phone Terminal Cabinet With Wood Backboard	511.49	105.84
27 11 16 00-0007	EA	24" x 12" x 4" Phone Terminal Cabinet With Wood Backboard	588.53	121.88
27 11 16 00-0008	EA	18" x 18" x 4" Phone Terminal Cabinet With Wood Backboard	611.02	125.09
27 11 16 00-0009	EA	24" x 18" x 4" Phone Terminal Cabinet With Wood Backboard	752.39	128.30
27 11 16 00-0010	EA	26" x 36" x 4" Phone Terminal Cabinet With Wood Backboard	934.51	144.33
27 11 16 00-0011	EA	24" x 24" x 6" Phone Terminal Cabinet With Wood Backboard	958.06	141.12
27 11 16 00-0012	EA	30" x 24" x 6" Phone Terminal Cabinet With Wood Backboard	1,226.99	201.04
27 11 16 00-0013	EA	36" x 24" x 6" Phone Terminal Cabinet With Wood Backboard	1,311.36	220.92
27 11 16 00-0014	EA	42" x 24" x 6" Phone Terminal Cabinet With Wood Backboard	1,591.19	233.37
27 11 16 00-0015	EA	30" x 30" x 6" Phone Terminal Cabinet With Wood Backboard	1,314.29	192.44
27 11 16 00-0016	EA	36" x 30" x 6" Phone Terminal Cabinet With Wood Backboard	1,421.32	208.49
27 11 16 00-0017	EA	48" x 30" x 6" Phone Terminal Cabinet With Wood Backboard	1,770.45	267.24
27 11 16 00-0018	EA	54" x 30" x 6" Phone Terminal Cabinet With Wood Backboard	2,123.19	334.08
27 11 16 00-0019	EA	48" x 36" x 6" Phone Terminal Cabinet With Wood Backboard	2,417.72	330.36
27 11 16 00-0020	EA	60" x 36" x 6" Phone Terminal Cabinet With Wood Backboard	2,772.37	401.95
27 11 16 00-0021		**Equipment Racks And Cable Managers** *(27 11 16)*		
27 11 16 00-0022		**Equipment Racks** *(27 11 16 00-0021)*		
		Note: Electronics Industries Association EIA-310-D compliant. Includes aluminum construction with clear grained aluminum or black epoxy-polyester hybrid powder coat finish.		
27 11 16 00-0023		**Standard Equipment Racks** *(27 11 16 00-0022)*		
27 11 16 00-0024		**19" Width, Standard Equipment Racks** *(27 11 16 00-0023)*		
27 11 16 00-0025	EA	84" Height, 19" Width, 3" Depth, 45U, Standard Equipment Rack (Chatsworth 55053-X03)	601.08	205.27
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*9.53*	
27 11 16 00-0026	EA	96" Height, 19" Width, 3" Depth, 51U, Standard Equipment Rack (Chatsworth 55053-X15)	812.18	218.11
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*18.80*	
27 11 16 00-0027	EA	108" Height, 19" Width, 3" Depth, 58U, Standard Equipment Rack (Chatsworth 55053-X08)	875.82	230.93
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*20.70*	
27 11 16 00-0028		**Universal Equipment Racks** *(27 11 16 00-0022)*		
27 11 16 00-0029		**Universal Equipment Racks** *(27 11 16 00-0028)*		
27 11 16 00-0030		**19" Width, EIA Universal Equipment Racks** *(27 11 16 00-0029)*		
27 11 16 00-0031	EA	36" Height, 19" Width, 3" Depth, 17U, EIA Universal Equipment Rack (Chatsworth 46353-X31)	753.23	179.62
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*19.70*	
27 11 16 00-0032	EA	48" Height, 19" Width, 3" Depth, 24U, EIA Universal Equipment Rack (Chatsworth 46353-X20)	818.68	182.82
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*22.65*	
27 11 16 00-0033	EA	60" Height, 19" Width, 3" Depth, 31U, EIA Universal Equipment Rack (Chatsworth 46353-X19)	818.74	186.03
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*22.33*	
27 11 16 00-0034	EA	66" Height, 19" Width, 3" Depth, 34U, EIA Universal Equipment Rack (Chatsworth 46353-X00)	839.26	189.24
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*23.04*	
27 11 16 00-0035	EA	72" Height, 19" Width, 3" Depth, 38U, EIA Universal Equipment Rack (Chatsworth 46353-X01)	859.55	192.44
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*23.73*	
27 11 16 00-0036	EA	78" Height, 19" Width, 3" Depth, 41U, EIA Universal Equipment Rack (Chatsworth 46353-X02)	881.45	195.65
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*24.51*	
27 11 16 00-0037	EA	84" Height, 19" Width, 3" Depth, 45U, EIA Universal Equipment Rack (Chatsworth 46353-X03)	761.59	198.86
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*18.19*	
27 11 16 00-0038	EA	90" Height, 19" Width, 3" Depth, 48U, EIA Universal Equipment Rack (Chatsworth 46353-X05)	924.05	202.06
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*26.00*	
27 11 16 00-0039	EA	96" Height, 19" Width, 3" Depth, 51U, EIA Universal Equipment Rack (Chatsworth 46353-X15)	955.47	205.27
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*27.25*	
27 11 16 00-0040	EA	102" Height, 19" Width, 3" Depth, 55U, EIA Universal Equipment Rack (Chatsworth 46353-X17)	983.03	208.49
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*28.30*	
27 11 16 00-0041	EA	108" Height, 19" Width, 3" Depth, 58U, EIA Universal Equipment Rack (Chatsworth 46353-X08)	990.51	211.69
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*28.36*	
27 11 16 00-0042		**23" Width, Universal Equipment Racks** *(27 11 16 00-0029)*		
27 11 16 00-0043	EA	36" Height, 23" Width, 3" Depth, 17U, Universal Equipment Rack (Chatsworth 46383-X31)	793.66	179.62
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*21.72*	
27 11 16 00-0044	EA	48" Height, 23" Width, 3" Depth, 24U, Universal Equipment Rack (Chatsworth 46383-X20)	820.18	182.82
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*22.73*	
27 11 16 00-0045	EA	60" Height, 23" Width, 3" Depth, 31U, Universal Equipment Rack (Chatsworth 46383-X19)	843.64	186.03
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*23.58*	
27 11 16 00-0046	EA	66" Height, 23" Width, 3" Depth, 34U, Universal Equipment Rack (Chatsworth 46383-X00)	886.61	189.24
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*25.41*	
27 11 16 00-0047	EA	72" Height, 23" Width, 3" Depth, 38U, Universal Equipment Rack (Chatsworth 46383-X01)	908.30	192.44
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*26.17*	
27 11 16 00-0048	EA	78" Height, 23" Width, 3" Depth, 41U, Universal Equipment Rack (Chatsworth 46383-X02)	931.81	195.65
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*27.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 11 16 00-0049	EA	84" Height, 23" Width, 3" Depth, 45U, Universal Equipment Rack (Chatsworth 46383-X03)	812.53	198.86
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*20.74*	
27 11 16 00-0050	EA	90" Height, 23" Width, 3" Depth, 48U, Universal Equipment Rack (Chatsworth 46383-X05)	977.50	202.06
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*28.67*	
27 11 16 00-0051	EA	96" Height, 23" Width, 3" Depth, 51U, Universal Equipment Rack (Chatsworth 46383-X15)	1,011.45	205.27
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*30.05*	
27 11 16 00-0052	EA	102" Height, 23" Width, 3" Depth, 55U, Universal Equipment Rack (Chatsworth 46383-X17)	1,041.22	208.49
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*31.21*	
27 11 16 00-0053	EA	108" Height, 23" Width, 3" Depth, 58U, Universal Equipment Rack (Chatsworth 46383-X08)	1,048.79	211.69
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*31.27*	
27 11 16 00-0054		**35" Width, Universal Equipment Racks** *(27 11 16 00-0029)*		
27 11 16 00-0055	EA	72" Height, 35" Width, 3" Depth, 38U, Universal Equipment Rack (Chatsworth 46363-X01)	976.83	192.44
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*29.60*	
27 11 16 00-0056	EA	84" Height, 35" Width, 3" Depth, 45U, Universal Equipment Rack (Chatsworth 46363-X03)	1,027.45	198.86
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*31.49*	
27 11 16 00-0057		**UL Listed Universal Equipment Racks** *(27 11 16 00-0028)*		
		Note: UL listed as a communications circuit accessory.		
27 11 16 00-0058		**19" Width, UL Listed Universal Equipment Racks** *(27 11 16 00-0057)*		
27 11 16 00-0059	EA	36" Height, 19" Width, 3" Depth, 17U, UL Listed Universal Equipment Rack (Chatsworth 48353-X31)	792.64	179.62
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*21.67*	
27 11 16 00-0060	EA	48" Height, 19" Width, 3" Depth, 24U, UL Listed Universal Equipment Rack (Chatsworth 48353-X20)	853.16	182.82
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*24.38*	
27 11 16 00-0061	EA	60" Height, 19" Width, 3" Depth, 31U, UL Listed Universal Equipment Rack (Chatsworth 48353-X19)	866.37	186.03
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*24.72*	
27 11 16 00-0062	EA	66" Height, 19" Width, 3" Depth, 34U, UL Listed Universal Equipment Rack (Chatsworth 48353-X00)	885.37	189.24
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*25.35*	
27 11 16 00-0063	EA	72" Height, 19" Width, 3" Depth, 38U, UL Listed Universal Equipment Rack (Chatsworth 48353-X01)	907.01	192.44
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*26.11*	
27 11 16 00-0064	EA	78" Height, 19" Width, 3" Depth, 41U, UL Listed Universal Equipment Rack (Chatsworth 48353-X02)	930.46	195.65
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*26.96*	
27 11 16 00-0065	EA	84" Height, 19" Width, 3" Depth, 45U, UL Listed Universal Equipment Rack (Chatsworth 48353-X03)	953.03	198.86
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*27.77*	
27 11 16 00-0066	EA	90" Height, 19" Width, 3" Depth, 48U, UL Listed Universal Equipment Rack (Chatsworth 48353-X05)	976.07	202.06
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*28.60*	
27 11 16 00-0067	EA	96" Height, 19" Width, 3" Depth, 51U, UL Listed Universal Equipment Rack (Chatsworth 48353-X15)	1,009.98	205.27
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*29.97*	
27 11 16 00-0068	EA	102" Height, 19" Width, 3" Depth, 55U, UL Listed Universal Equipment Rack (Chatsworth 48353-X17)	1,039.67	208.49
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*31.14*	
27 11 16 00-0069	EA	108" Height, 19" Width, 3" Depth, 58U, UL Listed Universal Equipment Rack (Chatsworth 48353-X08)	1,047.18	211.69
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*31.19*	
27 11 16 00-0070		**23" Width, UL Listed Universal Equipment Racks** *(27 11 16 00-0057)*		
27 11 16 00-0071	EA	36" Height, 23" Width, 3" Depth, 17U, UL Listed Universal Equipment Rack (Chatsworth 48383-X31)	837.15	179.62
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*23.90*	
27 11 16 00-0072	EA	48" Height, 23" Width, 3" Depth, 24U, UL Listed Universal Equipment Rack (Chatsworth 48383-X20)	913.53	182.82
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*27.39*	
27 11 16 00-0073	EA	60" Height, 23" Width, 3" Depth, 31U, UL Listed Universal Equipment Rack (Chatsworth 48383-X19)	925.46	186.03
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*27.67*	
27 11 16 00-0074	EA	66" Height, 23" Width, 3" Depth, 34U, UL Listed Universal Equipment Rack (Chatsworth 48383-X00)	937.41	189.24
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*27.95*	
27 11 16 00-0075	EA	72" Height, 23" Width, 3" Depth, 38U, UL Listed Universal Equipment Rack (Chatsworth 48383-X01)	960.63	192.44
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*28.79*	
27 11 16 00-0076	EA	78" Height, 23" Width, 3" Depth, 41U, UL Listed Universal Equipment Rack (Chatsworth 48383-X02)	985.87	195.65
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*29.73*	
27 11 16 00-0077	EA	84" Height, 23" Width, 3" Depth, 45U, UL Listed Universal Equipment Rack (Chatsworth 48383-X03)	1,010.07	198.86
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*30.62*	
27 11 16 00-0078	EA	90" Height, 23" Width, 3" Depth, 48U, UL Listed Universal Equipment Rack (Chatsworth 48383-X05)	1,034.82	202.06
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*31.53*	
27 11 16 00-0079	EA	96" Height, 23" Width, 3" Depth, 51U, UL Listed Universal Equipment Rack (Chatsworth 48383-X15)	1,071.52	205.27
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*33.05*	
27 11 16 00-0080	EA	102" Height, 23" Width, 3" Depth, 55U, UL Listed Universal Equipment Rack (Chatsworth 48383-X17)	1,103.65	208.49
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*34.33*	
27 11 16 00-0081	EA	108" Height, 23" Width, 3" Depth, 58U, UL Listed Universal Equipment Rack (Chatsworth 48383-X08)	1,111.42	211.69
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*34.40*	
27 11 16 00-0082		**4-Post Equipment Racks And Server Frames** *(27 11 16 00-0022)*		
27 11 16 00-0083		**4-Post Equipment Racks** *(27 11 16 00-0082)*		
27 11 16 00-0084	EA	19" Width, 29" Depth, 84" Height, 4-Post Equipment Rack (Chatsworth 50120-X03)	1,588.35	320.74
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*47.34*	
27 11 16 00-0085	EA	19" Width, 29" Depth, 96" Height, 4-Post Equipment Rack (Chatsworth 50120-X15)	1,728.91	333.57
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*53.09*	
27 11 16 00-0086	EA	19" Width, 29" Depth, 108" Height, 4-Post Equipment Rack (Chatsworth 50120-X08)	1,861.75	346.40
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*58.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 11 16 00-0087		4-Post Server Frame *(27 11 16 00-0082)*		
27 11 16 00-0088	EA	19" Width, 29" Depth, 84" Height, Server Frame (Chatsworth 15053-X03)	1,629.99	320.74
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*49.43*	
27 11 16 00-0089		Cable Managers *(27 11 16 00-0021)*		
27 11 16 00-0090		Horizontal Cable Managers *(27 11 16 00-0089)*		
27 11 16 00-0091		Single-Sided, Horizontal Cable Managers *(27 11 16 00-0090)*		
27 11 16 00-0092	EA	1U Height, 19" Width, 4.96" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30139-719)	90.10	12.83
27 11 16 00-0093	EA	1U Height, 23" Width, 4.96" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30139-723)	99.87	12.83
27 11 16 00-0094	EA	1U Height, 19" Width, 5.9" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 13930-701)	75.89	12.83
27 11 16 00-0095	EA	2U Height, 19" Width, 5.14" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30130-719)	91.57	12.83
27 11 16 00-0096	EA	2U Height, 23" Width, 5.14" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30130-723)	106.70	12.83
27 11 16 00-0097	EA	2U Height, 19" Width, 5.9" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 13930-702)	83.61	12.83
27 11 16 00-0098	EA	3U Height, 19" Width, 5.14" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30131-719)	122.06	12.83
27 11 16 00-0099	EA	3U Height, 23" Width, 5.14" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30131-723)	138.38	12.83
27 11 16 00-0100	EA	3U Height, 19" Width, 5.9" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 13930-703)	99.07	12.83
27 11 16 00-0101		Double-Sided, Horizontal Cable Managers *(27 11 16 00-0090)*		
27 11 16 00-0102	EA	1U Height, 19" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30529-719)	110.93	12.83
27 11 16 00-0103	EA	1U Height, 23" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30529-723)	123.82	12.83
27 11 16 00-0104	EA	2U Height, 19" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30530-719)	116.51	12.83
27 11 16 00-0105	EA	2U Height, 23" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30530-723)	134.96	12.83
27 11 16 00-0106	EA	3U Height, 19" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30531-719)	149.59	12.83
27 11 16 00-0107	EA	3U Height, 23" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30531-723)	167.03	12.83
27 11 16 00-0108		Vertical Cable Managers *(27 11 16 00-0089)*		
27 11 16 00-0109		Single-Sided, Vertical Cable Managers *(27 11 16 00-0108)*		
27 11 16 00-0110	EA	3.6" Width, 9.7" Depth, 70" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13901-701)	198.83	19.24
27 11 16 00-0111	EA	6" Width, 9.8" Depth, 70" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13902-701)	278.03	19.24
27 11 16 00-0112	EA	10" Width, 10.3" Depth, 70" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13904-701)	444.16	19.24
27 11 16 00-0113	EA	12" Width, 10.4" Depth, 70" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13905-701)	502.12	19.24
27 11 16 00-0114	EA	3.6" Width, 9.7" Depth, 80.5" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13901-703)	212.35	19.24
27 11 16 00-0115	EA	6" Width, 9.8" Depth, 80.5" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13902-703)	299.28	19.24
27 11 16 00-0116	EA	10" Width, 10.3" Depth, 80.5" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13904-703)	482.80	19.24
27 11 16 00-0117	EA	12" Width, 10.4" Depth, 80.5" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13905-703)	540.75	19.24
27 11 16 00-0118	EA	3.6" Width, 9.7" Depth, 91" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13901-715)	239.39	19.24
27 11 16 00-0119	EA	6" Width, 9.8" Depth, 91" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13902-715)	328.26	19.24
27 11 16 00-0120	EA	10" Width, 10.3" Depth, 91" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13904-715)	540.75	19.24
27 11 16 00-0121	EA	12" Width, 10.4" Depth, 91" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13905-715)	598.71	19.24
27 11 16 00-0122		Double-Sided, Vertical Cable Managers *(27 11 16 00-0108)*		
27 11 16 00-0123	EA	3.6" Width, 16.4" Depth, 70" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13911-701)	285.76	19.24
27 11 16 00-0124	EA	6" Width, 16.6" Depth, 70" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13912-701)	335.98	19.24
27 11 16 00-0125	EA	10" Width, 17.5" Depth, 70" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13914-701)	540.75	19.24
27 11 16 00-0126	EA	12" Width, 17.8" Depth, 70" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13915-701)	637.34	19.24
27 11 16 00-0127	EA	3.6" Width, 16.4" Depth, 80.5" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13911-703)	308.94	19.24
27 11 16 00-0128	EA	6" Width, 16.6" Depth, 80.5" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13912-703)	359.17	19.24
27 11 16 00-0129	EA	10" Width, 17.5" Depth, 80.5" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13914-703)	579.39	19.24
27 11 16 00-0130	EA	12" Width, 17.8" Depth, 80.5" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13915-703)	675.98	19.24
27 11 16 00-0131	EA	3.6" Width, 16.4" Depth, 91" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13911-715)	339.85	19.24
27 11 16 00-0132	EA	6" Width, 16.6" Depth, 91" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13912-715)	390.07	19.24
27 11 16 00-0133	EA	10" Width, 17.5" Depth, 91" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13914-715)	637.34	19.24
27 11 16 00-0134	EA	12" Width, 17.8" Depth, 91" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13915-715)	733.93	19.24
27 11 16 00-0135		Accessories For Vertical Cable Managers *(27 11 16 00-0108)*		
27 11 16 00-0136	EA	Cable Ring Kit For 3.6" Width x 70" Height, Vertical Cable Managers (Chatsworth 13934-716)	122.25	12.83
27 11 16 00-0137	EA	Cable Ring Kit For 3.6" Width x 80.5" Height, Vertical Cable Managers (Chatsworth 13934-717)	129.98	12.83
27 11 16 00-0138	EA	Cable Ring Kit For 3.6" Width x 91" Height, Vertical Cable Managers (Chatsworth 13934-718)	137.70	12.83
27 11 16 00-0139	EA	Cable Ring Kit For 6" Width x 70" Height, Vertical Cable Managers (Chatsworth 13934-726)	126.11	12.83
27 11 16 00-0140	EA	Cable Ring Kit For 6" Width x 80.5" Height, Vertical Cable Managers (Chatsworth 13934-727)	137.70	12.83
27 11 16 00-0141	EA	Cable Ring Kit For 6" Width x 91" Height, Vertical Cable Managers (Chatsworth 13934-728)	149.29	12.83
27 11 16 00-0142	EA	Cable Ring Kit For 10" Width x 70" Height, Vertical Cable Managers (Chatsworth 13934-746)	141.57	12.83
27 11 16 00-0143	EA	Cable Ring Kit For 10" Width x 80.5" Height, Vertical Cable Managers (Chatsworth 13934-747)	153.16	12.83
27 11 16 00-0144	EA	Cable Ring Kit For 10" Width x 91" Height, Vertical Cable Managers (Chatsworth 13934-748)	164.75	12.83
27 11 16 00-0145	EA	Cable Ring Kit For 12" Width x 70" Height, Vertical Cable Managers (Chatsworth 13934-756)	149.29	12.83
27 11 16 00-0146	EA	Cable Ring Kit For 12" Width x 80.5" Height, Vertical Cable Managers (Chatsworth 13934-757)	164.75	12.83
27 11 16 00-0147	EA	Cable Ring Kit For 12" Width x 91" Height, Vertical Cable Managers (Chatsworth 13934-758)	176.34	12.83
27 11 16 00-0148	EA	Cable Lashing Bar Kit For Vertical Cable Managers (Chatsworth 13928-001)	102.93	12.83
27 11 16 00-0149	EA	Cable Spool Kit For Vertical Cable Managers (Chatsworth 13935-701)	118.39	12.83
27 11 16 00-0150	EA	Cable Distribution Spools For Vertical Cable Managers (Chatsworth 15008-001)	123.60	12.83
27 11 16 00-0151	EA	Cable Distribution Spool Spacer Kit For Vertical Cable Managers (Chatsworth 35505-001)	79.75	12.83

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

27 11 19 Communications Termination Blocks and Patch Panels *(27 11)*

Note: The terminating, testing, and labeling of the cables in question should be done according to the task description as well as the current contract specifications. See CSI section 26 05 53 00-0020 for labeling.

27 11 19 00-0001 Computer Network Components *(27 11 19)*

27 11 19 00-0002 Ethernet Patch Panels *(27 11 19 00-0001)*

27 11 19 00-0003	EA	12 Port, Category 5E Patch Panel	275.43	64.14
27 11 19 00-0004	EA	24 Port, Category 5E Patch Panel	400.97	64.14
27 11 19 00-0005	EA	32 Port, Category 5E Patch Panel	519.76	64.14
27 11 19 00-0006	EA	48 Port, Category 5E Patch Panel	630.44	64.14
27 11 19 00-0007	EA	64 Port, Category 5E Patch Panel	991.87	80.19
27 11 19 00-0008	EA	96 Port, Category 5E Patch Panel	1,158.93	96.22
27 11 19 00-0009	EA	12 Port, Category 6 Patch Panel	372.89	64.14
27 11 19 00-0010	EA	24 Port, Category 6 Patch Panel	409.07	64.14
27 11 19 00-0011	EA	48 Port, Category 6 Patch Panel	689.84	64.14
27 11 19 00-0012	EA	96 Port, Category 6 Patch Panel	1,272.32	96.22
27 11 19 00-0013	EA	16" x 12" x 8" Steel Enclosure, Type 12, Hinged, Lockable (Hoffman A161208LP)	801.24	96.22
27 11 19 00-0014	EA	16" x 16" x 6" Steel Enclosure, Type 12, Hinged, Lockable (Hoffman A161606LP)	842.38	96.22
27 11 19 00-0015	EA	12 Port, Category 6 Modular to 110 Mini Patch Panel (Ortronics-Legrand OR-PMP61289)	315.68	64.14
27 11 19 00-0016	EA	Terminate One End Of A 4 Pair Cable To Category "X" Specifications	45.45	
		For >5 To 10 Cables, Deduct	*-8.18*	
		For >10 Cables, Deduct	*-18.18*	
27 11 19 00-0017	EA	Terminate One End Of A Twisted Pair Of Wires Note: Per each pair	12.50	
		For >20 To 40 Pairs, Deduct	*-2.00*	
		For >40 Pairs, Deduct	*-4.75*	

27 11 19 00-0018 Fiber Optic Cable Patch Panels And Enclosures *(27 11 19 00-0001)*

27 11 19 00-0019 Fiber Optic Cable Connector Housings *(27 11 19 00-0018)*

27 11 19 00-0020 Wall Mount, Fiber Optic Cable Connector Housings *(27 11 19 00-0019)*

Note: Includes mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0048 for connector panels.

27 11 19 00-0021	EA	1-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing	154.17	28.87
27 11 19 00-0022	EA	2-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing	229.22	28.87
27 11 19 00-0023	EA	4-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing	340.26	28.87
27 11 19 00-0024	EA	6-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing	502.41	48.11
27 11 19 00-0025	EA	12-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing	700.11	48.11

27 11 19 00-0026 Rack Mount, Fiber Optic Cable Connector Housings *(27 11 19 00-0019)*

Note: Includes mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0048 for connector panels.

27 11 19 00-0027	EA	2-Panel Capacity, Rack Mount, Fiber Optic Cable Connector Housing	527.08	48.11
27 11 19 00-0028	EA	4-Panel Capacity, Rack Mount, Fiber Optic Cable Connector Housing	598.05	48.11
27 11 19 00-0029	EA	6-Panel Capacity, Rack Mount, Fiber Optic Cable Connector Housing	644.16	48.11
27 11 19 00-0030	EA	12-Panel Capacity, Rack Mount, Fiber Optic Cable Connector Housing	755.57	48.11

27 11 19 00-0031 Rack Mount, Fiber Optic Cable Pretium® Connector Housings *(27 11 19 00-0019)*

Note: Includes mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0048 for connector panels.

27 11 19 00-0032	EA	2-Panel Capacity, Rack Mount, Fiber Optic Cable Pretium® Connector Housing	651.86	48.11
		For Splice Tray Bracket, Add	*82.74*	
27 11 19 00-0033	EA	4-Panel Capacity, Rack Mount, Fiber Optic Cable Pretium® Connector Housing	763.99	48.11
		For Splice Tray Bracket, Add	*90.48*	
27 11 19 00-0034	EA	12-Panel Capacity, Rack Mount, Fiber Optic Cable Pretium® Connector Housing	952.95	48.11
		For Splice Tray Bracket, Add	*329.62*	

27 11 19 00-0035 Rack Mount, Fiber Optic Cable Pretium Edge® Connector Housings *(27 11 19 00-0019)*

Note: Includes mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0048 for connector panels.

27 11 19 00-0036	EA	8 Pretium Edge® Module Or Panel Capacity, Rack Mount, Fiber Optic Cable Pretium Edge® Connector Housing	964.21	48.11
27 11 19 00-0037	EA	12 Pretium Edge® Module Or Panel Capacity, Rack Mount, Fiber Optic Cable Pretium Edge® Connector Housing	1,238.51	48.11
27 11 19 00-0038	EA	24 Pretium Edge® Module Or Panel Capacity, Rack Mount, Fiber Optic Cable Pretium Edge® Connector Housing	1,404.80	48.11
27 11 19 00-0039	EA	48 Pretium Edge® Module Or Panel Capacity, Rack Mount, Fiber Optic Cable Pretium Edge® Connector Housing	1,828.89	48.11

27 11 19 00-0040 Wall Mount, Fiber Optic Cable Industrial Connector Housings *(27 11 19 00-0019)*

Note: Includes powder-coat finish, pad lockable outer door and mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0048 for connector panels.

27 11 19 00-0041	EA	2-Panel Capacity, Wall Mount, Fiber Optic Cable Industrial Connector Housing	739.67	28.87
27 11 19 00-0042	EA	6-Panel Capacity, Wall Mount, Fiber Optic Cable Industrial Connector Housing	1,022.82	48.11
27 11 19 00-0043	EA	12-Panel Capacity, Wall Mount, Fiber Optic Cable Industrial Connector Housing	1,073.44	48.11

27 11 19 00-0044 Wall Mount, Fiber Optic Cable Environmental Connector Housings *(27 11 19 00-0019)*

Note: Includes NEMA 4X enclosure, pad lockable outer door and mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0048 for connector panels.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 11 19 00-0045	EA	2-Panel Capacity, Wall Mount, Fiber Optic Cable Environmental Connector Housing	774.65	28.87
27 11 19 00-0046	EA	6-Panel Capacity, Wall Mount, Fiber Optic Cable Environmental Connector Housing	1,022.20	48.11
27 11 19 00-0047	EA	12-Panel Capacity, Wall Mount, Fiber Optic Cable Environmental Connector Housing	1,201.29	48.11
27 11 19 00-0048		Fiber Optic Cable Connector Panels *(27 11 19 00-0018)*		
27 11 19 00-0049		SC Simplex, Fiber Optic Cable Connector Panels *(27 11 19 00-0048)*		
27 11 19 00-0050	EA	6-Fiber, Multimode, SC Simplex, Fiber Optic Cable Connector Panel	101.70	6.41
27 11 19 00-0051	EA	6-Fiber, Singlemode, SC Simplex, Fiber Optic Cable Connector Panel	110.39	6.41
27 11 19 00-0052	EA	8-Fiber, Multimode, SC Simplex, Fiber Optic Cable Connector Panel	123.88	6.41
27 11 19 00-0053	EA	8-Fiber, Singlemode, SC Simplex, Fiber Optic Cable Connector Panel	135.46	6.41
27 11 19 00-0054	EA	12-Fiber, Multimode, SC Simplex, Fiber Optic Cable Connector Panel	168.26	6.41
27 11 19 00-0055	EA	12-Fiber, Singlemode, SC Simplex, Fiber Optic Cable Connector Panel	185.59	6.41
27 11 19 00-0056		SC Duplex, Fiber Optic Cable Connector Panels *(27 11 19 00-0048)*		
27 11 19 00-0057	EA	6-Fiber, Multimode, SC Duplex, Fiber Optic Cable Connector Panel	97.86	6.41
27 11 19 00-0058	EA	6-Fiber, Singlemode, SC Duplex, Fiber Optic Cable Connector Panel	99.90	6.41
27 11 19 00-0059	EA	8-Fiber, Multimode, SC Duplex, Fiber Optic Cable Connector Panel	118.79	6.41
27 11 19 00-0060	EA	8-Fiber, Singlemode, SC Duplex, Fiber Optic Cable Connector Panel	121.50	6.41
27 11 19 00-0061	EA	12-Fiber, Multimode, SC Duplex, Fiber Optic Cable Connector Panel	160.62	6.41
27 11 19 00-0062	EA	12-Fiber, Singlemode, SC Duplex, Fiber Optic Cable Connector Panel	164.66	6.41
27 11 19 00-0063		LC Duplex, Fiber Optic Cable Connector Panels *(27 11 19 00-0048)*		
27 11 19 00-0064	EA	6-Fiber, Multimode, LC Duplex, Fiber Optic Cable Connector Panel	122.94	6.41
27 11 19 00-0065	EA	6-Fiber, Singlemode, LC Duplex, Fiber Optic Cable Connector Panel	135.08	6.41
27 11 19 00-0066	EA	8-Fiber, Multimode, LC Duplex, Fiber Optic Cable Connector Panel	150.80	6.41
27 11 19 00-0067	EA	8-Fiber, Singlemode, LC Duplex, Fiber Optic Cable Connector Panel	167.00	6.41
27 11 19 00-0068	EA	12-Fiber, Multimode, LC Duplex, Fiber Optic Cable Connector Panel	176.26	6.41
27 11 19 00-0069	EA	12-Fiber, Singlemode, LC Duplex, Fiber Optic Cable Connector Panel	196.71	6.41
27 11 19 00-0070	EA	16-Fiber, Multimode, LC Duplex, Fiber Optic Cable Connector Panel	262.37	6.41
27 11 19 00-0071	EA	16-Fiber, Singlemode, LC Duplex, Fiber Optic Cable Connector Panel	294.69	6.41
27 11 19 00-0072	EA	24-Fiber, Multimode, LC Duplex, Fiber Optic Cable Connector Panel	373.89	6.41
27 11 19 00-0073	EA	24-Fiber, Singlemode, LC Duplex, Fiber Optic Cable Connector Panel	326.86	6.41
27 11 19 00-0074		ST Simplex, Fiber Optic Cable Connector Panels *(27 11 19 00-0048)*		
27 11 19 00-0075	EA	6-Fiber, Multimode, ST Simplex, Fiber Optic Cable Connector Panel	84.50	6.41
27 11 19 00-0076	EA	6-Fiber, Singlemode, ST Simplex, Fiber Optic Cable Connector Panel	91.07	6.41
27 11 19 00-0077	EA	8-Fiber, Multimode, ST Simplex, Fiber Optic Cable Connector Panel	100.95	6.41
27 11 19 00-0078	EA	8-Fiber, Singlemode, ST Simplex, Fiber Optic Cable Connector Panel	109.72	6.41
27 11 19 00-0079	EA	12-Fiber, Multimode, ST Simplex, Fiber Optic Cable Connector Panel	133.83	6.41
27 11 19 00-0080	EA	12-Fiber, Singlemode, ST Simplex, Fiber Optic Cable Connector Panel	147.00	6.41
27 11 19 00-0081		MT-RJ, Fiber Optic Cable Connector Panels *(27 11 19 00-0048)*		
27 11 19 00-0082	EA	12-Fiber, Multimode, MT-RJ, Fiber Optic Cable Connector Panel	105.09	6.41
27 11 19 00-0083	EA	12-Fiber, Singlemode, MT-RJ, Fiber Optic Cable Connector Panel	157.35	6.41
27 11 19 00-0084		Fiber Optic Cable Pretium Edge® Modules *(27 11 19 00-0048)*		
27 11 19 00-0085	EA	12-Fiber, Singlemode, LC Duplex To MTP, Fiber Optic Cable Pretium Edge® Module	1,073.25	6.41
27 11 19 00-0086	EA	12-Fiber, Multimode, LC Duplex To MTP, Fiber Optic Cable Pretium Edge® Module	1,076.98	6.41
27 11 19 00-0087		Fiber Optic Cable Splice Housings *(27 11 19 00-0018)*		
27 11 19 00-0088		Wall Mount, Fiber Optic Cable Splice Housings *(27 11 19 00-0087)* Note: Includes mounting hardware. Excludes splice trays.		
27 11 19 00-0089	EA	12 Splice Tray Capacity, Wall Mount, Fiber Optic Splice Housing With Locking Door	404.54	64.14
27 11 19 00-0090		Rack Mount, Fiber Optic Cable Splice Housings *(27 11 19 00-0087)* Note: Includes mounting hardware. Excludes splice trays.		
27 11 19 00-0091	EA	12 Splice Tray Capacity, Rack Mount, Fiber Optic Cable Splice Housing	615.44	48.11
27 11 19 00-0092	EA	22 Splice Tray Capacity, Rack Mount, Fiber Optic Cable Splice Housing	635.10	48.11
27 11 19 00-0093		Fiber Optic Cable Splice Trays *(27 11 19 00-0087)*		
27 11 19 00-0094	EA	Fiber Optic Cable Splice Tray	116.61	16.03
27 11 19 00-0095		Fiber Optic Cable Jumper Management Panels *(27 11 19 00-0018)* Note: Includes mounting hardware.		
27 11 19 00-0096	EA	Rack Mount, Fiber Optic Cable Jumper Management Panel	219.73	48.11
27 11 19 00-0097		Miscellaneous Accessories *(27 11 19 00-0001)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 11 19 00-0098	EA	Wall Mount Bracket For 12 Or 24 Port Patch Panel	71.58	
27 11 19 00-0099	EA	Wall Mount Bracket For 32 Or 48 Port Patch Panel	95.11	
27 11 19 00-0100	EA	Wall Mount Bracket For 64 Or 72 Port Patch Panel	104.00	
27 11 19 00-0101	EA	Wall Mount Bracket For 96 Port Patch Panel	115.96	
27 11 19 00-0102	EA	Lightning Protection Plus Stainless Steel Modules, Siemon	548.15	64.14
27 11 19 00-0103		Telephone Components *(27 11 19)*		
27 11 19 00-0104		Terminal Blocks With Wide Range Of 22-8 AWG *(27 11 19 00-0103)*		
27 11 19 00-0105	EA	Terminal Block, Circuit Isolation Switch With Wire Range 22-8 AWG	37.85	12.85
27 11 19 00-0106	EA	Terminal Block, Fuse Holder 600 Volt, 6.3 Amperes With Wire Range 22-8 AWG	72.30	12.85
27 11 19 00-0107	EA	Terminal Block, Fuse Holder 600 Volt, 10 Amperes With Wire Range 22-8 AWG	58.20	12.85
27 11 19 00-0108	EA	Terminal Block, Solderless Box With Lugs And Wire Range 22-8 AWG	29.16	12.85
27 11 19 00-0109	EA	Flat Terminal Block Connection With Wire Range 22-8 AWG	20.67	8.99
27 11 19 00-0110	EA	Ground Terminal Block With Wire Range 22-8 AWG	39.34	12.85
27 11 19 00-0111	EA	Terminal Block, Solderless Box With Lug 600 Volt, 60 Amperes With Wire Range 22-8 AWG	29.16	12.85
27 11 19 00-0112	EA	Terminal Block, Mini Box Lug 300 Volt, 30 Amperes With Wire Range 22-8 AWG	20.45	8.99
27 11 19 00-0113	EA	Flat Terminal Block Connection 300 Volt, 20 Amperes With Wire Range 22-8 AWG	20.30	8.99
27 11 19 00-0114	EA	Self Lifting Terminal Block, 300 Volt, 40 Amperes, Wire Connection With Wire Range 22-12 AWG	20.98	8.99
27 11 19 00-0115		Terminal Block Mounting Channel *(27 11 19 00-0103)*		
27 11 19 00-0116	EA	Terminal Block Mounting Channel, .5 M Galvanized Steel	20.02	6.42
27 11 19 00-0117	EA	Terminal Block Mounting Channel, 1 M Galvanized Steel	25.83	6.42
27 11 19 00-0118	EA	Terminal Block Mounting Channel, 2 M Galvanized Steel	36.04	6.42
27 11 19 00-0119	EA	Terminal Block Mounting Channel, .5 M Bi-Chrome Zinc	25.63	7.71
27 11 19 00-0120	EA	Terminal Block Mounting Channel, 1 M Bi-Chrome Zinc	35.29	7.71
27 11 19 00-0121	EA	Terminal Block Mounting Channel, 2 M Bi-Chrome Zinc	51.23	7.71
27 11 19 00-0122		Outlet Termination Hardware *(27 11 19 00-0103)*		
27 11 19 00-0123	EA	Telephone Outlet Blocks	38.69	6.42
27 11 19 00-0124	EA	Phone Outlet Block For Floor Box Note: Excludes box.	107.87	48.75
27 11 19 00-0125	EA	Fiber Optic "SC" Type Modular Bulkhead	95.09	28.87
27 11 19 00-0126	EA	Fiber Optic "ST" Type Modular Bulkhead	95.09	28.87
27 11 19 00-0127	EA	Type "F" Coaxial Connector Male	55.61	19.24
27 11 19 00-0128	EA	Modular Plate For 3-RJ-45, 4 - "SC" And 1 -"F" Connector	143.50	32.08
27 11 19 00-0129	EA	Modular Plate For 3-RJ-45, 4 - "ST" And 1 -"F" Connector	143.50	32.08
27 11 19 00-0130	EA	Access Floor Box With 3-RJ-45, 4 - "SC" And 1 -"F" Connector	173.06	32.08
27 11 19 00-0131	EA	Access Floor Box With 3-RJ-45, 4 - "ST" And 1 -"F" Connector	173.06	32.08
27 11 19 00-0132	EA	Access Floor Box With 2-RJ-45, 4 - "SC" And 1 -25 Pin Connector	157.50	32.08
27 11 19 00-0133	EA	Terminal Type - Punch Down Block 110 Type - 300 Pair Category 5	1,366.41	160.36
27 11 19 00-0134	EA	Wiring (Punch Down) Block with Stand-Off Legs, 100 Pair, Category V Note: Excludes cable terminations.	67.15	12.83
27 11 19 00-0135	EA	5-Pair, Connecting Block	4.02	1.28
27 11 19 00-0136	EA	4-Pair, Connecting Block	4.35	1.28
27 11 19 00-0137	EA	Plastic Label Holder, Transparent	16.29	3.21
27 11 19 00-0138	EA	Marked Label, White, 5-Pair	4.41	
27 11 19 00-0139	EA	Marked Label, Blue, 4-Pair	4.41	
27 11 19 00-0140		Terminations in Manhole or Junction Box *(27 11 19 00-0103)*		
27 11 19 00-0141	EA	25 Pair Cable Termination In Manhole Or Junction Box	205.27	
27 11 19 00-0142	EA	50 Pair Cable Termination In Manhole Or Junction Box	410.55	
27 11 19 00-0143	EA	100 Pair Cable Termination In Manhole Or Junction Box	821.09	
27 11 19 00-0144	EA	150 Pair Cable Termination In Manhole Or Junction Box	1,231.64	
27 11 19 00-0145	EA	200 Pair Cable Termination In Manhole Or Junction Box	1,440.76	
27 11 19 00-0146	EA	300 Pair Cable Termination In Manhole Or Junction Box	2,160.50	
27 11 19 00-0147	EA	400 Pair Cable Termination In Manhole Or Junction Box	2,717.30	
27 11 19 00-0148	EA	500 Pair Cable Termination In Manhole Or Junction Box	3,397.26	
27 11 19 00-0149	EA	750 Pair Cable Termination In Manhole Or Junction Box	5,095.87	
27 11 19 00-0150	EA	1,000 Pair Cable Termination In Manhole Or Junction Box	6,179.95	
27 11 19 00-0151	EA	1,200 Pair Cable Termination In Manhole Or Junction Box	7,043.49	
27 11 23		**Communications Cable Management and Ladder Rack** *(27 11)*		
27 11 23 00-0001		Equipment Supports *(27 11 23)*		
27 11 23 00-0002	EA	12" x 5'-11" Tubular Runway	129.12	30.79
27 11 23 00-0003	EA	12" x 9'-11" Tubular Runway	222.56	51.32
27 11 23 00-0004	EA	Shelf Bracket Support For Tubular Runway	40.86	9.62
27 11 23 00-0005	EA	Straight Clamp Hardware For Tubular Runway	17.30	6.41
27 11 23 00-0006	EA	Corner Clamp Hardware For Tubular Runway	18.41	6.41
27 11 23 00-0007	EA	90 Degree Edge Clamp Hardware For Tubular Runway	42.49	11.54
27 11 23 00-0008	EA	Wall Angle Assembly Hardware For 12" Wide Tubular Runway	90.90	19.24
27 11 23 00-0009	EA	J-Bolt Hardware For Tubular Runway	8.19	2.83
27 11 23 00-0010	EA	T Bracket Hardware For Tubular Runway	46.44	16.03
27 11 23 00-0011	EA	110 Jumper Trough (Commscope 107831133)	37.52	6.41
27 11 23 00-0012	LF	Velcro CMP	3.11	1.28

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

27 13 Communications Backbone Cabling *(27 10)*

27 13 13 Communications Copper Backbone Cabling *(27 13)*

27 13 13 13 Communications Copper Cable Splicing and Terminations *(27 13 13)*

27 13 13 13-0001 Building Entrance Terminals *(27 13 13 13)*

27 13 13 13-0002	EA	25 Pair Gas Protective Unit Assembly Complete With Gas Protector	2,969.51	281.31
27 13 13 13-0003	EA	50 Pair Gas Protective Unit Assembly Complete With Gas Protector	3,930.02	468.86
27 13 13 13-0004	EA	100 Pair Gas Protective Unit Assembly Complete With Gas Protector	5,531.24	750.77

27 13 13 13-0005 Modular Plugs For Copper Communications Cable *(27 13 13 13)*

27 13 13 13-0006	EA	Modular Plug For Non Shielded Copper Communications Cable	32.17
		Note: Up to 8-position/8-contact non-shielded modular plug for solid or stranded wire. Includes termination.	
		For >10, Deduct	*-7.68*
		For >5 To 10, Deduct	*-3.84*
27 13 13 13-0007	EA	Modular Plug For Shielded Copper Communications Cable	36.77
		Note: Up to 8-position/8-contact shielded modular plug for solid or stranded wire. Includes termination.	
		For >10, Deduct	*-8.64*
		For >5 To 10, Deduct	*-4.32*

27 13 13 13-0008 Testing And Certification Of Copper Communications Cable *(27 13 13 13)*

Note: Use for existing systems.

27 13 13 13-0009	EA	Test 1-Pair Of A Copper Communications Cable For Continuity	6.41
		For >25-Pair, Deduct	*-2.56*
27 13 13 13-0010	EA	Certify 1-Pair Of A Copper Communications Cable	9.62
		For >25-Pair, Deduct	*-3.84*
27 13 13 13-0011	EA	Certify And Document 1-Pair Of A Copper Communications Cable	15.39
		For >25-Pair, Deduct	*-6.14*
27 13 13 13-0012	EA	Test 4-Pair Category 5-7 Telecommunications Cable For Continuity	25.66
		For >25-Pair, Deduct	*-10.24*
27 13 13 13-0013	EA	Certify 4-Pair Category 5-7 Telecommunications Cable	38.49
		For >25-Pair, Deduct	*-15.36*
27 13 13 13-0014	EA	Certify And Document 4-Pair Category 5-7 Telecommunications Cable	61.58
		For >25-Pair, Deduct	*-24.58*

27 13 13 13-0015 Communications Termination Blocks *(27 13 13 13)*

27 13 13 13-0016	EA	100-Pair, 110 Block With Legs	64.16	16.03
27 13 13 13-0017	EA	300-Pair, 110 Block With Legs	110.82	16.03
27 13 13 13-0018	EA	Clear Label Holder For 110 Wiring Block	13.74	6.41
27 13 13 13-0019	EA	4-Pair, 110C Connecting Block	7.82	3.21
27 13 13 13-0020	EA	5-Pair, 110C Connecting Block	7.99	3.21
27 13 13 13-0021	EA	100-Pair, 110 Jack Panel System Note: Includes twelve 8-pin modular jacks and mounting legs.	360.00	19.24
27 13 13 13-0022	EA	300-Pair, 110 Jack Panel System Note: Includes twelve 8-pin modular jacks and mounting legs.	683.26	19.24

27 13 23 Communications Optical Fiber Backbone Cabling *(27 13)*

27 13 23 13 Communications Optical Fiber Splicing and Terminations *(27 13 23)*

27 13 23 13-0001 Fiber Optic Cable Connectors *(27 13 23 13)*

27 13 23 13-0002	EA	ST Connector For Multimode Fiber Optic Cable	37.15
27 13 23 13-0003	EA	ST Connector For Singlemode Fiber Optic Cable	42.86
27 13 23 13-0004	EA	SC Connector For Multimode Fiber Optic Cable	41.38
27 13 23 13-0005	EA	SC Connector For Singlemode Fiber Optic Cable	48.66
27 13 23 13-0006	EA	LC Connector For Multimode Fiber Optic Cable	56.56
27 13 23 13-0007	EA	LC Connector For Singlemode Fiber Optic Cable	58.26
27 13 23 13-0008	EA	MT-RJ Connector For Multimode Fiber Optic Cable	84.57

27 13 23 13-0009 Fiber Optic Cable Fan Out Kits *(27 13 23 13)*

27 13 23 13-0010 Buffer Tube Fan Out Kits For Fiber Optic Cable *(27 13 23 13-0009)*

27 13 23 13-0011	EA	6-Fiber, Indoor Buffer Tube Fan Out Kit For Fiber Optic Cable	278.26
27 13 23 13-0012	EA	12-Fiber, Indoor Buffer Tube Fan Out Kit For Fiber Optic Cable	282.40
27 13 23 13-0013	EA	6-Fiber, Outdoor Buffer Tube Fan Out Kit For Fiber Optic Cable	317.34
27 13 23 13-0014	EA	12-Fiber, Outdoor Buffer Tube Fan Out Kit For Fiber Optic Cable	343.54

27 13 23 13-0015 Spider Fan Out Kits For Fiber Optic Cable *(27 13 23 13-0009)*

Note: For tight buffered or loose tube non-armored cables. Includes aramid yarn strength member, outer protective PVDF jacket and one meter fan out lengths.

27 13 23 13-0016	EA	6-Fiber, Spider Fan Out Kit For Fiber Optic Cable	329.23
27 13 23 13-0017	EA	12-Fiber, Spider Fan Out Kit For Fiber Optic Cable	356.99
27 13 23 13-0018	EA	18-Fiber, Spider Fan Out Kit For Fiber Optic Cable	521.58
27 13 23 13-0019	EA	24-Fiber, Spider Fan Out Kit For Fiber Optic Cable	677.64

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 13 23 13-0020		**Fiber Optic Cable Splice Closures** *(27 13 23 13)* Note: Includes mounting hardware. Excludes splicing and splice trays.		
27 13 23 13-0021	EA	Up To 144-Fiber Capacity, Pedestal Fiber Optic Cable Splice Closure	1,017.37	128.30
27 13 23 13-0022	EA	Up To 144-Fiber Capacity, Underground Fiber Optic Cable Splice Closure	1,273.95	256.60
27 13 23 13-0023	EA	Up To 144-Fiber Capacity, Aerial Fiber Optic Cable Splice Closure	1,273.95	256.60
27 13 23 13-0024	EA	Up To 288-Fiber Capacity, Pedestal Fiber Optic Cable Splice Closure	1,705.75	128.30
27 13 23 13-0025	EA	Up To 288-Fiber Capacity, Underground Fiber Optic Cable Splice Closure	1,962.33	256.60
27 13 23 13-0026	EA	Up To 288-Fiber Capacity, Aerial Fiber Optic Cable Splice Closure	1,962.33	256.60
27 13 23 13-0027	EA	Splice Tray For Fiber Optic Cable Splice Closure Note: Up to 12-fiber, mechanical or fusion splice tray. Excludes splice.	70.43	16.03
27 13 23 13-0028		**Fiber Optic Cable Testing** *(27 13 23 13)* Note: Price based on testing one wavelength.		
27 13 23 13-0029		**Fiber Optic Cable Testing Using An OTDR** *(27 13 23 13-0028)* Note: Testing using an optical time domain reflectometer.		
27 13 23 13-0030	EA	Test 1-Strand Of Fiber Optic Cable Using A Single Directional OTDR Test	25.66	
		For >12 To 48 Strands, Deduct	*-1.92*	
		For >48 Strands, Deduct	*-2.57*	
27 13 23 13-0031	EA	Test 1-Strand Of Fiber Optic Cable Using A Multi-Directional OTDR Test	38.49	
		For >12 To 48 Strands, Deduct	*-2.89*	
		For >48 Strands, Deduct	*-3.85*	
27 13 23 13-0032	EA	Test 1-Strand Of Fiber Optic Cable Using A Single Directional OTDR Test With Documentation	64.14	
		For >12 To 48 Strands, Deduct	*-4.81*	
		For >48 Strands, Deduct	*-6.41*	
27 13 23 13-0033	EA	Test 1-Strand Of Fiber Optic Cable Using A Multi-Directional OTDR Test With Documentation	96.22	
		For >12 To 48 Strands, Deduct	*-7.22*	
		For >48 Strands, Deduct	*-9.62*	
27 13 23 13-0034		**Fiber Optic Cable Testing Using A Power Meter** *(27 13 23 13-0028)*		
27 13 23 13-0035	EA	Test 1-Strand Of Fiber Optic Cable Using A Single Directional Power Meter Test	25.66	
		For >12 To 48 Strands, Deduct	*-1.92*	
		For >48 Strands, Deduct	*-2.57*	
27 13 23 13-0036	EA	Test 1-Strand Of Fiber Optic Cable Using A Multi-Directional Power Meter Test	38.49	
		For >12 To 48 Strands, Deduct	*-2.89*	
		For >48 Strands, Deduct	*-3.85*	
27 13 23 13-0037		**Fiber Optic Cable Light Source/Continuity Testing** *(27 13 23 13-0028)*		
27 13 23 13-0038	EA	Test 1-Strand Of Fiber Optic Cable Using A Light Source/Continuity Test	25.66	
		For >12 To 48 Strands, Deduct	*-1.92*	
		For >48 Strands, Deduct	*-2.57*	
27 13 23 13-0039		**Fiber Optic Cable Splicing** *(27 13 23 13)*		
27 13 23 13-0040	EA	Single Strand, Fusion Splice Of Fiber Optic Cable	38.49	
27 13 23 13-0041	EA	12-Strand Ribbon, Fusion Splice Of Fiber Optic Cable	128.30	
27 13 23 13-0042		**Other Fiber Optic Cable Splicing** *(27 13 23 13)*		
27 13 23 13-0043	EA	Fiber Optic Finger Splice	44.54	24.12
27 13 23 13-0044	EA	Fiber Optic Splice Box - Manholes	7,011.22	

27 15 Communications Horizontal Cabling *(27 10)*

27 15 01 Communications Horizontal Cabling Applications *(27 15)*

27 15 01 13 Video Surveillance Communications Conductors and Cables *(27 15 01)*

Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc. See CSI section 26 05 19 00-0000 for low-voltage electrical power cable, 26 05 23 00-0000 for control-voltage electrical power cable, 27 13 00 00-0000 for conductors and cables.

27 15 01 15 Access Control Communications Conductors and Cables *(27 15 01)*

Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc. See CSI section 26 05 19 00-0000 for low-voltage electrical power cable, 26 05 23 00-0000 for control-voltage electrical power cable, 27 13 00 00-0000 for conductors and cables.

27 15 01 16 Voice Communications Horizontal Cabling *(27 15 01)*

Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc. See CSI section 26 05 19 00-0000 for low-voltage electrical power cable, 26 05 23 00-0000 for control-voltage electrical power cable, 27 13 00 00-0000 for conductors and cables.

27 15 01 17 Intrusion Detection Communications Conductors and Cables *(27 15 01)*

Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc. See CSI section 26 05 19 00-0000 for low-voltage electrical power cable, 26 05 23 00-0000 for control-voltage electrical power cable, 27 13 00 00-0000 for conductors and cables, 27 15 01 19-0000 for Type FPLP Cable.

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CSI		MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 01 19			**Fire Alarm Communications Conductors and Cables** *(27 15 01)*		
			Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc.		
27 15 01 19-0001			Fire Alarm/Life Safety Cable *(27 15 01 19)*		
27 15 01 19-0002			Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable *(27 15 01 19-0001)*		
27 15 01 19-0003			Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit *(27 15 01 19-0002)*		
27 15 01 19-0004		MLF	1-Pair, 18 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,102.98	872.92
27 15 01 19-0005		MLF	2-Pair, 18 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,585.31	904.49
27 15 01 19-0006		MLF	1-Pair, 16 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,398.04	992.24
27 15 01 19-0007		MLF	2-Pair, 16 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	3,167.18	1,027.65
27 15 01 19-0008		MLF	1-Pair, 14 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,755.57	1,110.78
27 15 01 19-0009		MLF	2-Pair, 14 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	3,851.25	1,150.81
27 15 01 19-0010		MLF	1-Pair, 12 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	3,532.51	1,270.13
27 15 01 19-0011		MLF	2-Pair, 12 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	5,235.14	1,315.42
27 15 01 19-0012			Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed *(27 15 01 19-0002)*		
27 15 01 19-0013		MLF	1-Pair, 18 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,557.85	1,746.11
27 15 01 19-0014		MLF	2-Pair, 18 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	4,092.78	1,808.97
27 15 01 19-0015		MLF	1-Pair, 16 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	4,051.78	1,984.73
27 15 01 19-0016		MLF	2-Pair, 16 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	4,879.92	2,055.30
27 15 01 19-0017		MLF	1-Pair, 14 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	4,606.87	2,222.08
27 15 01 19-0018		MLF	2-Pair, 14 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	5,769.26	2,301.63
27 15 01 19-0019		MLF	1-Pair, 12 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	5,649.39	2,540.25
27 15 01 19-0020		MLF	2-Pair, 12 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	7,427.71	2,631.35
27 15 01 19-0021			Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit *(27 15 01 19-0001)*		
27 15 01 19-0022		MLF	2 Conductors, #22 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,331.56	714.35
27 15 01 19-0023		MLF	4 Conductors, #22 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,440.51	739.75
27 15 01 19-0024		MLF	2 Conductors, #18 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,619.85	872.92
27 15 01 19-0025		MLF	3 Conductors, #18 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,728.32	888.71
27 15 01 19-0026		MLF	4 Conductors, #18 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,794.04	904.49
27 15 01 19-0027		MLF	6 Conductors, #18 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,006.38	936.04
27 15 01 19-0028		MLF	8 Conductors, #18 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,311.29	967.61
27 15 01 19-0029		MLF	2 Conductors, #16 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,890.29	992.24
27 15 01 19-0030		MLF	4 Conductors, #16 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,127.35	1,027.65
27 15 01 19-0031		MLF	2 Conductors, #14 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,190.33	1,110.78
27 15 01 19-0032		MLF	4 Conductors, #14 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,560.90	1,150.81
27 15 01 19-0033		MLF	2 Conductors, #12 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,674.56	1,270.13
27 15 01 19-0034		MLF	4 Conductors, #12 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	3,272.50	1,315.42
27 15 01 19-0035			Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable *(27 15 01 19-0001)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 01 19-0036		Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit *(27 15 01 19-0035)*		
27 15 01 19-0037	MLF	2/c #22 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,320.47	714.35
27 15 01 19-0038	MLF	2/c #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,612.64	872.92
27 15 01 19-0039	MLF	3/c #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,797.99	888.71
27 15 01 19-0040	MLF	4/c #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,813.33	904.49
27 15 01 19-0041	MLF	6/c #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,107.05	936.04
27 15 01 19-0042	MLF	2/c #16 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,879.39	992.24
27 15 01 19-0043	MLF	4/c #16 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,151.79	1,027.65
27 15 01 19-0044	MLF	2/c #14 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,141.31	1,110.78
27 15 01 19-0045	MLF	4/c #14 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,755.74	1,150.81
27 15 01 19-0046	MLF	2/c #12 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,658.54	1,270.13
27 15 01 19-0047	MLF	4/c #12 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	3,568.29	1,315.42
27 15 01 19-0048		Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed *(27 15 01 19-0035)*		
27 15 01 19-0049	MLF	2/c #22 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,511.05	1,429.21
27 15 01 19-0050	MLF	2/c #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,067.51	1,746.11
27 15 01 19-0051	MLF	3/c #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,278.53	1,776.89
27 15 01 19-0052	MLF	4/c #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,320.80	1,808.97
27 15 01 19-0053	MLF	6 Conductors, #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,667.13	1,871.84
27 15 01 19-0054	MLF	2 Conductors, #16 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,533.13	1,984.73
27 15 01 19-0055	MLF	4/c #16 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,864.53	2,055.30
27 15 01 19-0056	MLF	2 Conductors, #14 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,992.61	2,222.08
27 15 01 19-0057	MLF	4 Conductors, #14 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	4,673.75	2,301.63
27 15 01 19-0058	MLF	2 Conductors, #12 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	4,775.42	2,540.25
27 15 01 19-0059	MLF	4 Conductors, #12 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	5,760.86	2,631.35
27 15 01 19-0060		Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable *(27 15 01 19-0001)*		
27 15 01 19-0061		Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit *(27 15 01 19-0060)*		
27 15 01 19-0062	MLF	2 Conductors, #22 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,366.14	714.35
27 15 01 19-0063	MLF	2 Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,645.26	872.92
27 15 01 19-0064	MLF	3 Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,919.05	888.71
27 15 01 19-0065	MLF	4 Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,846.70	904.49
27 15 01 19-0066	MLF	6 Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,141.18	936.04
27 15 01 19-0067	MLF	2 Conductors, #16 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,954.35	992.24
27 15 01 19-0068	MLF	4 Conductors, #16 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,186.46	1,027.65
27 15 01 19-0069	MLF	2 Conductors, #14 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,302.98	1,110.78
27 15 01 19-0070	MLF	4 Conductors, #14 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,674.67	1,150.81
27 15 01 19-0071	MLF	2 Conductors, #12 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,778.17	1,270.13
27 15 01 19-0072	MLF	4 Conductors, #12 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	3,322.16	1,315.42

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CSI		MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 01 19-0073			Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed *(27 15 01 19-0060)*		
	27 15 01 19-0074	MLF	2 Conductors, #22 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,556.72	1,429.21
	27 15 01 19-0075	MLF	2 Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,100.13	1,746.11
	27 15 01 19-0076	MLF	3 Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,399.59	1,776.89
	27 15 01 19-0077	MLF	4 Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,354.17	1,808.97
	27 15 01 19-0078	MLF	6 Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,701.26	1,871.84
	27 15 01 19-0079	MLF	2/c #16 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,608.09	1,984.73
	27 15 01 19-0080	MLF	4/c #16 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,899.20	2,055.30
	27 15 01 19-0081	MLF	2/c #14 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	4,154.28	2,222.08
	27 15 01 19-0082	MLF	4 Conductors, #14 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	4,592.68	2,301.63
	27 15 01 19-0083	MLF	2 Conductors, #12 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	4,895.05	2,540.25
	27 15 01 19-0084	MLF	4 Conductors, #12 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	5,514.73	2,631.35
27 15 01 19-0085			Non-Shielded, Riser Rated, FPLR (Red), Fire Alarm/Life Safety Cable *(27 15 01 19-0001)*		
27 15 01 19-0086			Non-Shielded, Riser Rated, FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit *(27 15 01 19-0085)*		
	27 15 01 19-0087	MLF	2 Conductors, #22 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,315.52	714.35
	27 15 01 19-0088	MLF	2 Conductors, #18 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,652.46	872.92
	27 15 01 19-0089	MLF	3 Conductors, #18 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,776.60	888.71
	27 15 01 19-0090	MLF	4 Conductors, #18 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,881.23	904.49
	27 15 01 19-0091	MLF	6 Conductors, #18 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,110.00	936.04
	27 15 01 19-0092	MLF	2 Conductors, #16 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,904.30	992.24
	27 15 01 19-0093	MLF	4 Conductors, #16 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,216.00	1,027.65
	27 15 01 19-0094	MLF	2 Conductors, #14 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,223.13	1,110.78
	27 15 01 19-0095	MLF	4 Conductors, #14 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,780.11	1,150.81
	27 15 01 19-0096	MLF	2 Conductors, #12 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,664.87	1,270.13
27 15 01 19-0097			Non-Shielded, Riser Rated, FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed *(27 15 01 19-0085)*		
	27 15 01 19-0098	MLF	2 Conductors, #22 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,506.10	1,429.21
	27 15 01 19-0099	MLF	2 Conductors, #18 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,107.33	1,746.11
	27 15 01 19-0100	MLF	3 Conductors, #18 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,257.14	1,776.89
	27 15 01 19-0101	MLF	4 Conductors, #18 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,388.70	1,808.97
	27 15 01 19-0102	MLF	6 Conductors, #18 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,670.08	1,871.84
	27 15 01 19-0103	MLF	2 Conductors, #16 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,558.04	1,984.73
	27 15 01 19-0104	MLF	4 Conductors, #16 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,928.74	2,055.30
	27 15 01 19-0105	MLF	2 Conductors, #14 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	4,074.43	2,222.08
	27 15 01 19-0106	MLF	4 Conductors, #14 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	4,698.12	2,301.63
	27 15 01 19-0107	MLF	2 Conductors, #12 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	4,781.75	2,540.25

27 15 13 Communications Copper Horizontal Cabling *(27 15)*

Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc.

27 15 13 00-0001 Solid Conductor Low Voltage Cable *(27 15 13)*

27 15 13 00-0002 Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0001)*

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0003		#14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0002)*			
27 15 13 00-0004	MLF	1 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit		1,972.24	1,015.10
		For Work In Restricted Working Space, Add		*507.43*	
27 15 13 00-0005	MLF	2 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit		2,270.55	1,051.43
		For Work In Restricted Working Space, Add		*525.71*	
27 15 13 00-0006	MLF	3 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit		2,535.26	1,087.77
		For Work In Restricted Working Space, Add		*544.00*	
27 15 13 00-0007	MLF	4 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit		2,813.94	1,125.28
		For Work In Restricted Working Space, Add		*562.64*	
27 15 13 00-0008	MLF	5 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit		3,144.27	1,201.47
		For Work In Restricted Working Space, Add		*600.62*	
27 15 13 00-0009	MLF	6 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit		3,449.19	1,276.48
		For Work In Restricted Working Space, Add		*637.89*	
27 15 13 00-0010	MLF	8 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit		3,772.57	1,427.70
		For Work In Restricted Working Space, Add		*713.85*	
27 15 13 00-0011	MLF	12 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit		4,992.97	1,881.32
		For Work In Restricted Working Space, Add		*940.66*	
27 15 13 00-0012	MLF	24 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit		7,418.55	2,779.21
		For Work In Restricted Working Space, Add		*1,389.72*	
27 15 13 00-0013		#16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0002)*			
27 15 13 00-0014	MLF	1 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit		1,758.18	906.08
		For Work In Restricted Working Space, Add		*453.27*	
27 15 13 00-0015	MLF	2 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit		1,961.61	938.90
		For Work In Restricted Working Space, Add		*469.45*	
27 15 13 00-0016	MLF	3 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit		2,254.47	971.72
		For Work In Restricted Working Space, Add		*485.63*	
27 15 13 00-0017	MLF	4 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit		2,501.46	1,004.55
		For Work In Restricted Working Space, Add		*502.51*	
27 15 13 00-0018	MLF	5 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit		2,793.39	1,072.53
		For Work In Restricted Working Space, Add		*536.27*	
27 15 13 00-0019	MLF	6 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit		3,063.85	1,139.34
		For Work In Restricted Working Space, Add		*569.67*	
27 15 13 00-0020	MLF	7 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit		3,207.28	1,207.33
		For Work In Restricted Working Space, Add		*603.43*	
27 15 13 00-0021	MLF	8 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit		3,351.88	1,275.32
		For Work In Restricted Working Space, Add		*637.54*	
27 15 13 00-0022	MLF	9 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit		3,691.13	1,356.19
		For Work In Restricted Working Space, Add		*677.98*	
27 15 13 00-0023	MLF	12 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit		4,435.37	1,679.71
		For Work In Restricted Working Space, Add		*839.91*	
27 15 13 00-0024	MLF	24 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit		6,589.47	2,481.47
		For Work In Restricted Working Space, Add		*1,240.79*	
27 15 13 00-0025		#18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0002)*			
27 15 13 00-0026	MLF	1 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit		1,503.83	798.25
		For Work In Restricted Working Space, Add		*398.77*	
27 15 13 00-0027	MLF	2 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit		1,699.48	826.37
		For Work In Restricted Working Space, Add		*413.19*	
27 15 13 00-0028	MLF	3 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit		1,874.23	854.51
		For Work In Restricted Working Space, Add		*427.61*	
27 15 13 00-0029	MLF	4 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit		2,056.95	883.81
		For Work In Restricted Working Space, Add		*442.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0030	MLF	5 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,283.26	943.59
		For Work In Restricted Working Space, Add	*471.91*	
27 15 13 00-0031	MLF	6 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,494.06	1,002.20
		For Work In Restricted Working Space, Add	*501.45*	
27 15 13 00-0032	MLF	8 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,735.80	1,121.76
		For Work In Restricted Working Space, Add	*560.88*	
27 15 13 00-0033	MLF	12 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,618.82	1,478.10
		For Work In Restricted Working Space, Add	*739.17*	
27 15 13 00-0034	MLF	24 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,371.95	2,183.74
		For Work In Restricted Working Space, Add	*1,091.87*	

27 15 13 00-0035 #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0002)*

27 15 13 00-0036	MLF	1 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,342.67	725.57
		For Work In Restricted Working Space, Add	*362.55*	
27 15 13 00-0037	MLF	2 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,500.20	751.36
		For Work In Restricted Working Space, Add	*375.56*	
27 15 13 00-0038	MLF	3 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,640.19	777.74
		For Work In Restricted Working Space, Add	*388.57*	
27 15 13 00-0039	MLF	4 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,786.98	804.11
		For Work In Restricted Working Space, Add	*401.93*	
27 15 13 00-0040	MLF	5 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,975.25	858.03
		For Work In Restricted Working Space, Add	*428.84*	
27 15 13 00-0041	MLF	6 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,151.24	911.95
		For Work In Restricted Working Space, Add	*455.74*	
27 15 13 00-0042	MLF	8 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,374.98	1,019.79
		For Work In Restricted Working Space, Add	*509.89*	
27 15 13 00-0043	MLF	12 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,127.55	1,344.48
		For Work In Restricted Working Space, Add	*672.00*	
27 15 13 00-0044	MLF	24 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,640.32	1,985.64
		For Work In Restricted Working Space, Add	*992.70*	
27 15 13 00-0045	MLF	25 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,869.10	2,032.54
		For Work In Restricted Working Space, Add	*1,016.27*	
27 15 13 00-0046	MLF	36 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,759.76	2,366.60
		For Work In Restricted Working Space, Add	*1,183.30*	
27 15 13 00-0047	MLF	40 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,175.27	2,533.05
		For Work In Restricted Working Space, Add	*1,266.64*	
27 15 13 00-0048	MLF	50 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	7,487.78	3,166.02
		For Work In Restricted Working Space, Add	*1,582.77*	
27 15 13 00-0049	MLF	100 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	10,076.25	4,168.22
		For Work In Restricted Working Space, Add	*2,083.86*	

27 15 13 00-0050 #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0002)*

27 15 13 00-0051	MLF	1 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,157.96	652.90
		For Work In Restricted Working Space, Add	*326.33*	
27 15 13 00-0052	MLF	2 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,222.50	676.34
		For Work In Restricted Working Space, Add	*337.94*	
27 15 13 00-0053	MLF	3 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,298.07	699.78
		For Work In Restricted Working Space, Add	*349.89*	
27 15 13 00-0054	MLF	4 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,378.54	723.23
		For Work In Restricted Working Space, Add	*361.85*	
27 15 13 00-0055	MLF	5 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,508.20	772.45
		For Work In Restricted Working Space, Add	*386.11*	
27 15 13 00-0056	MLF	6 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,637.22	818.17
		For Work In Restricted Working Space, Add	*409.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0057		**Triad** *(27 15 13 00-0002)*		
27 15 13 00-0058	MLF	1 Triad #16 AWG, Stranded, Low Voltage, Installed In Conduit	3,082.90	971.72
27 15 13 00-0059	MLF	4 Triad #20 AWG, Stranded, Low Voltage, Installed In Conduit	4,000.70	1,344.48
27 15 13 00-0060	MLF	8 Triad #20 AWG, Stranded, Low Voltage, Installed In Conduit	6,274.38	1,985.64
27 15 13 00-0061	MLF	12 Triad #20 AWG, Stranded, Low Voltage, Installed In Conduit	7,836.39	2,366.60
27 15 13 00-0062	MLF	24 Triad #20 AWG, Stranded, Low Voltage, Installed In Conduit	12,875.24	3,666.53
27 15 13 00-0063	MLF	36 Triad #20 AWG, Stranded, Low Voltage, Installed In Conduit	14,822.97	4,168.22
27 15 13 00-0064		**Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed** *(27 15 13 00-0001)*		
27 15 13 00-0065		**#12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed** *(27 15 13 00-0064)*		
27 15 13 00-0066	MLF	1 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,162.36	2,320.89
		For Work In Restricted Working Space, Add	*1,160.54*	
		For #10 AWG, Add	*870.68*	
27 15 13 00-0067	MLF	2 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,548.40	2,402.94
		For Work In Restricted Working Space, Add	*1,201.82*	
		For #10 AWG, Add	*980.18*	
27 15 13 00-0068	MLF	3 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,899.93	2,487.34
		For Work In Restricted Working Space, Add	*1,243.31*	
		For #10 AWG, Add	*1,078.21*	
27 15 13 00-0069	MLF	4 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,269.74	2,571.73
		For Work In Restricted Working Space, Add	*1,286.26*	
		For #10 AWG, Add	*1,181.64*	
27 15 13 00-0070	MLF	5 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,772.15	2,745.21
		For Work In Restricted Working Space, Add	*1,373.01*	
		For #10 AWG, Add	*1,309.84*	
27 15 13 00-0071	MLF	6 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	6,246.40	2,916.35
		For Work In Restricted Working Space, Add	*1,458.56*	
		For #10 AWG, Add	*1,429.27*	
27 15 13 00-0072	MLF	8 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	6,895.83	3,263.31
		For Work In Restricted Working Space, Add	*1,631.35*	
		For #10 AWG, Add	*1,568.71*	
27 15 13 00-0073	MLF	12 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	9,112.36	4,301.84
		For Work In Restricted Working Space, Add	*2,150.51*	
		For #10 AWG, Add	*2,075.19*	
27 15 13 00-0074	MLF	24 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	13,501.84	6,353.13
		For Work In Restricted Working Space, Add	*3,175.75*	
		For #10 AWG, Add	*3,079.45*	
27 15 13 00-0075		**#14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed** *(27 15 13 00-0064)*		
27 15 13 00-0076	MLF	1 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,663.67	2,030.19
		For Work In Restricted Working Space, Add	*1,014.86*	
27 15 13 00-0077	MLF	2 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,022.94	2,102.87
		For Work In Restricted Working Space, Add	*1,051.43*	
27 15 13 00-0078	MLF	3 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,348.60	2,175.54
		For Work In Restricted Working Space, Add	*1,088.00*	
27 15 13 00-0079	MLF	4 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,689.41	2,250.56
		For Work In Restricted Working Space, Add	*1,125.28*	
27 15 13 00-0080	MLF	5 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,146.34	2,402.94
		For Work In Restricted Working Space, Add	*1,201.24*	
27 15 13 00-0081	MLF	6 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,575.50	2,552.97
		For Work In Restricted Working Space, Add	*1,275.78*	
27 15 13 00-0082	MLF	8 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	6,152.07	2,855.39
		For Work In Restricted Working Space, Add	*1,427.70*	
27 15 13 00-0083	MLF	12 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	8,128.50	3,762.65
		For Work In Restricted Working Space, Add	*1,881.32*	
27 15 13 00-0084	MLF	24 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	12,050.95	5,558.41
		For Work In Restricted Working Space, Add	*2,779.44*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0085		#16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 15 13 00-0064)*		
27 15 13 00-0086	MLF	1 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,269.11	1,812.17
		For Work In Restricted Working Space, Add	*906.55*	
27 15 13 00-0087	MLF	2 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,526.46	1,877.81
		For Work In Restricted Working Space, Add	*938.90*	
27 15 13 00-0088	MLF	3 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,873.24	1,943.45
		For Work In Restricted Working Space, Add	*971.26*	
27 15 13 00-0089	MLF	4 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,176.48	2,009.09
		For Work In Restricted Working Space, Add	*1,005.02*	
27 15 13 00-0090	MLF	5 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,580.95	2,145.07
		For Work In Restricted Working Space, Add	*1,072.53*	
27 15 13 00-0091	MLF	6 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,962.75	2,278.69
		For Work In Restricted Working Space, Add	*1,139.34*	
27 15 13 00-0092	MLF	7 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,218.71	2,414.66
		For Work In Restricted Working Space, Add	*1,206.86*	
27 15 13 00-0093	MLF	8 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,477.02	2,550.63
		For Work In Restricted Working Space, Add	*1,275.08*	
27 15 13 00-0094	MLF	9 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,951.06	2,712.39
		For Work In Restricted Working Space, Add	*1,355.96*	
27 15 13 00-0095	MLF	12 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	7,235.09	3,359.42
		For Work In Restricted Working Space, Add	*1,679.83*	
27 15 13 00-0096	MLF	24 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	10,725.46	4,962.95
		For Work In Restricted Working Space, Add	*2,481.59*	
27 15 13 00-0097		#18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 15 13 00-0064)*		
27 15 13 00-0098	MLF	1 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,833.07	1,596.49
		For Work In Restricted Working Space, Add	*797.54*	
27 15 13 00-0099	MLF	2 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,076.78	1,652.76
		For Work In Restricted Working Space, Add	*826.38*	
27 15 13 00-0100	MLF	3 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,299.59	1,709.02
		For Work In Restricted Working Space, Add	*855.21*	
27 15 13 00-0101	MLF	4 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,530.35	1,767.62
		For Work In Restricted Working Space, Add	*884.05*	
27 15 13 00-0102	MLF	5 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,856.31	1,887.19
		For Work In Restricted Working Space, Add	*943.83*	
27 15 13 00-0103	MLF	6 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,165.56	2,004.40
		For Work In Restricted Working Space, Add	*1,002.90*	
27 15 13 00-0104	MLF	8 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,605.39	2,243.52
		For Work In Restricted Working Space, Add	*1,121.76*	
27 15 13 00-0105	MLF	12 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	6,082.71	2,956.20
		For Work In Restricted Working Space, Add	*1,478.33*	
27 15 13 00-0106	MLF	24 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	9,011.51	4,367.49
		For Work In Restricted Working Space, Add	*2,183.74*	
27 15 13 00-0107		#20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 15 13 00-0064)*		
27 15 13 00-0108	MLF	1 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,551.17	1,451.14
		For Work In Restricted Working Space, Add	*725.10*	
27 15 13 00-0109	MLF	2 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,752.08	1,502.72
		For Work In Restricted Working Space, Add	*751.13*	
27 15 13 00-0110	MLF	3 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,935.44	1,555.46
		For Work In Restricted Working Space, Add	*777.15*	
27 15 13 00-0111	MLF	4 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,126.77	1,608.21
		For Work In Restricted Working Space, Add	*803.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0112	MLF	5 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,404.70	1,716.05
		For Work In Restricted Working Space, Add	*857.67*	
27 15 13 00-0113	MLF	6 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,670.37	1,823.89
		For Work In Restricted Working Space, Add	*911.48*	
27 15 13 00-0114	MLF	8 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,074.62	2,039.56
		For Work In Restricted Working Space, Add	*1,019.78*	
27 15 13 00-0115	MLF	12 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,367.56	2,688.94
		For Work In Restricted Working Space, Add	*1,344.01*	
27 15 13 00-0116	MLF	24 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	7,949.33	3,971.30
		For Work In Restricted Working Space, Add	*1,985.41*	
27 15 13 00-0117	MLF	25 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	8,256.63	4,065.06
		For Work In Restricted Working Space, Add	*2,032.52*	
27 15 13 00-0118	MLF	36 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	9,704.12	4,733.21
		For Work In Restricted Working Space, Add	*2,366.61*	
27 15 13 00-0119	MLF	40 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	10,397.40	5,066.09
		For Work In Restricted Working Space, Add	*2,533.28*	
27 15 13 00-0120	MLF	50 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	12,763.68	6,332.03
		For Work In Restricted Working Space, Add	*3,165.54*	
27 15 13 00-0121	MLF	100 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	17,022.44	8,336.44
		For Work In Restricted Working Space, Add	*4,167.72*	

27 15 13 00-0122 #22 AWG, Shielded, Low Voltage Cable, Installed Exposed *(27 15 13 00-0064)*

27 15 13 00-0123	MLF	1 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,245.73	1,305.79
		For Work In Restricted Working Space, Add	*652.66*	
27 15 13 00-0124	MLF	2 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,348.96	1,352.68
		For Work In Restricted Working Space, Add	*675.87*	
27 15 13 00-0125	MLF	3 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,464.37	1,399.57
		For Work In Restricted Working Space, Add	*699.78*	
27 15 13 00-0126	MLF	4 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,584.71	1,446.45
		For Work In Restricted Working Space, Add	*723.70*	
27 15 13 00-0127	MLF	5 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,795.24	1,544.92
		For Work In Restricted Working Space, Add	*772.22*	
27 15 13 00-0128	MLF	6 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,001.62	1,636.35
		For Work In Restricted Working Space, Add	*818.64*	

27 15 13 00-0129 Triad, Installed Exposed *(27 15 13 00-0064)*

27 15 13 00-0130	MLF	1 Triad, #16 AWG, Stranded, Low Voltage Copper Communication Cable, Installed Exposed	3,082.90	971.72
27 15 13 00-0131	MLF	4 Triad, #20 AWG, Stranded, Low Voltage Copper Communication Cable, Installed Exposed	4,000.70	1,344.48
27 15 13 00-0132	MLF	8 Triad, #20 AWG, Stranded, Low Voltage Copper Communication Cable, Installed Exposed	6,274.38	1,985.64
27 15 13 00-0133	MLF	12 Triad, #20 AWG, Stranded, Low Voltage Copper Communication Cable, Installed Exposed	7,836.39	2,366.60
27 15 13 00-0134	MLF	24 Triad, #20 AWG, Stranded, Low Voltage Copper Communication Cable, Installed Exposed	12,875.24	3,666.53
27 15 13 00-0135	MLF	36 Triad, #20 AWG, Stranded, Low Voltage Copper Communication Cable, Installed Exposed	14,822.97	4,168.22

27 15 13 00-0136 Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0001)*

27 15 13 00-0137 #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0136)*

27 15 13 00-0138	MLF	1 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,905.57	1,015.10
		For Work In Restricted Working Space, Add	*507.43*	
27 15 13 00-0139	MLF	2 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,147.52	1,051.43
		For Work In Restricted Working Space, Add	*525.71*	
27 15 13 00-0140	MLF	3 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,363.86	1,087.77
		For Work In Restricted Working Space, Add	*544.00*	
27 15 13 00-0141	MLF	4 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,591.12	1,125.28
		For Work In Restricted Working Space, Add	*562.64*	
27 15 13 00-0142	MLF	5 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,870.75	1,200.30
		For Work In Restricted Working Space, Add	*599.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0143	MLF	6 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,133.94	1,275.32
		For Work In Restricted Working Space, Add	*637.54*	
27 15 13 00-0144	MLF	8 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,441.81	1,427.70
		For Work In Restricted Working Space, Add	*713.85*	
27 15 13 00-0145	MLF	12 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,551.96	1,881.32
		For Work In Restricted Working Space, Add	*940.66*	
27 15 13 00-0146	MLF	24 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,757.04	2,779.21
		For Work In Restricted Working Space, Add	*1,389.72*	

27 15 13 00-0147 #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0136)*

27 15 13 00-0148	MLF	1 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,699.47	906.08
		For Work In Restricted Working Space, Add	*453.27*	
27 15 13 00-0149	MLF	2 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,912.79	938.90
		For Work In Restricted Working Space, Add	*469.45*	
27 15 13 00-0150	MLF	3 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,103.53	971.72
		For Work In Restricted Working Space, Add	*485.63*	
27 15 13 00-0151	MLF	4 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,305.24	1,004.55
		For Work In Restricted Working Space, Add	*502.51*	
27 15 13 00-0152	MLF	5 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,553.41	1,071.36
		For Work In Restricted Working Space, Add	*535.91*	
27 15 13 00-0153	MLF	6 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,787.26	1,139.34
		For Work In Restricted Working Space, Add	*569.67*	
27 15 13 00-0154	MLF	7 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,923.36	1,207.33
		For Work In Restricted Working Space, Add	*603.43*	
27 15 13 00-0155	MLF	8 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,121.08	1,275.32
		For Work In Restricted Working Space, Add	*637.54*	
27 15 13 00-0156	MLF	9 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,421.75	1,356.19
		For Work In Restricted Working Space, Add	*677.94*	
27 15 13 00-0157	MLF	12 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,047.03	1,679.71
		For Work In Restricted Working Space, Add	*839.92*	
27 15 13 00-0158	MLF	24 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,007.52	2,481.47
		For Work In Restricted Working Space, Add	*1,240.97*	

27 15 13 00-0159 #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0136)*

27 15 13 00-0160	MLF	1 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,486.60	797.07
		For Work In Restricted Working Space, Add	*398.77*	
27 15 13 00-0161	MLF	2 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,659.48	826.37
		For Work In Restricted Working Space, Add	*413.19*	
27 15 13 00-0162	MLF	3 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,772.65	855.68
		For Work In Restricted Working Space, Add	*427.61*	
27 15 13 00-0163	MLF	4 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,918.41	883.81
		For Work In Restricted Working Space, Add	*442.03*	
27 15 13 00-0164	MLF	5 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,104.85	943.59
		For Work In Restricted Working Space, Add	*471.91*	
27 15 13 00-0165	MLF	6 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,290.15	1,003.38
		For Work In Restricted Working Space, Add	*501.45*	
27 15 13 00-0166	MLF	8 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,716.17	1,121.76
		For Work In Restricted Working Space, Add	*560.88*	
27 15 13 00-0167	MLF	12 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,537.73	1,478.10
		For Work In Restricted Working Space, Add	*739.17*	
27 15 13 00-0168	MLF	24 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,812.42	2,183.74
		For Work In Restricted Working Space, Add	*1,091.87*	

27 15 13 00-0169 #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0136)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0170	MLF	1 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,319.59	725.57
		For Work In Restricted Working Space, Add	*362.55*	
27 15 13 00-0171	MLF	2 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,441.24	751.36
		For Work In Restricted Working Space, Add	*375.56*	
27 15 13 00-0172	MLF	3 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,688.40	855.68
		For Work In Restricted Working Space, Add	*427.61*	
27 15 13 00-0173	MLF	4 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,840.22	899.52
		For Work In Restricted Working Space, Add	*449.76*	
27 15 13 00-0174	MLF	5 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,989.24	943.59
		For Work In Restricted Working Space, Add	*471.91*	
27 15 13 00-0175	MLF	6 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,153.54	1,003.38
		For Work In Restricted Working Space, Add	*501.45*	
27 15 13 00-0176	MLF	8 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,376.39	1,116.61
		For Work In Restricted Working Space, Add	*558.42*	
27 15 13 00-0177	MLF	12 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,916.82	1,344.48
		For Work In Restricted Working Space, Add	*672.00*	
27 15 13 00-0178	MLF	24 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,324.23	1,985.64
		For Work In Restricted Working Space, Add	*992.70*	
27 15 13 00-0179	MLF	25 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,517.34	2,032.54
		For Work In Restricted Working Space, Add	*1,016.27*	
27 15 13 00-0180	MLF	36 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,328.73	2,366.60
		For Work In Restricted Working Space, Add	*1,183.30*	
27 15 13 00-0181	MLF	40 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,711.53	2,533.05
		For Work In Restricted Working Space, Add	*1,266.64*	
27 15 13 00-0182	MLF	50 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,962.62	3,166.02
		For Work In Restricted Working Space, Add	*1,582.77*	
27 15 13 00-0183	MLF	100 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	9,333.09	4,168.22
		For Work In Restricted Working Space, Add	*2,083.86*	
27 15 13 00-0184		#22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0136)*		
27 15 13 00-0185	MLF	1 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,161.42	652.90
		For Work In Restricted Working Space, Add	*326.33*	
27 15 13 00-0186	MLF	2 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,227.23	676.34
		For Work In Restricted Working Space, Add	*337.94*	
27 15 13 00-0187	MLF	3 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,309.61	699.78
		For Work In Restricted Working Space, Add	*349.89*	
27 15 13 00-0188	MLF	4 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,398.26	723.23
		For Work In Restricted Working Space, Add	*361.85*	
27 15 13 00-0189	MLF	5 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,524.82	772.45
		For Work In Restricted Working Space, Add	*386.11*	
27 15 13 00-0190	MLF	6 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,657.72	818.17
		For Work In Restricted Working Space, Add	*409.32*	
27 15 13 00-0191		Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 15 13 00-0001)*		
27 15 13 00-0192		#14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 15 13 00-0191)*		
27 15 13 00-0193	MLF	1 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,597.00	2,030.19
		For Work In Restricted Working Space, Add	*1,014.86*	
27 15 13 00-0194	MLF	2 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,899.91	2,102.87
		For Work In Restricted Working Space, Add	*1,051.43*	
27 15 13 00-0195	MLF	3 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,177.20	2,175.54
		For Work In Restricted Working Space, Add	*1,088.00*	
27 15 13 00-0196	MLF	4 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,466.59	2,250.56
		For Work In Restricted Working Space, Add	*1,125.28*	

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27 15 13 00-0197	MLF	5 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,870.46	2,400.59
		For Work In Restricted Working Space, Add	*1,199.83*	
27 15 13 00-0198	MLF	6 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,259.07	2,550.63
		For Work In Restricted Working Space, Add	*1,275.08*	
27 15 13 00-0199	MLF	8 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,821.31	2,855.39
		For Work In Restricted Working Space, Add	*1,427.70*	
27 15 13 00-0200	MLF	12 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	7,687.49	3,762.65
		For Work In Restricted Working Space, Add	*1,881.32*	
27 15 13 00-0201	MLF	24 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	11,389.44	5,558.41
		For Work In Restricted Working Space, Add	*2,779.44*	

27 15 13 00-0202 #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 15 13 00-0191)*

27 15 13 00-0203	MLF	1 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,210.40	1,812.17
		For Work In Restricted Working Space, Add	*906.55*	
27 15 13 00-0204	MLF	2 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,477.64	1,877.81
		For Work In Restricted Working Space, Add	*938.90*	
27 15 13 00-0205	MLF	3 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,722.30	1,943.45
		For Work In Restricted Working Space, Add	*971.26*	
27 15 13 00-0206	MLF	4 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,980.26	2,009.09
		For Work In Restricted Working Space, Add	*1,005.02*	
27 15 13 00-0207	MLF	5 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,339.79	2,142.72
		For Work In Restricted Working Space, Add	*1,071.83*	
27 15 13 00-0208	MLF	6 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,686.16	2,278.69
		For Work In Restricted Working Space, Add	*1,139.34*	
27 15 13 00-0209	MLF	7 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,934.79	2,414.66
		For Work In Restricted Working Space, Add	*1,206.86*	
27 15 13 00-0210	MLF	8 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,246.22	2,550.63
		For Work In Restricted Working Space, Add	*1,275.08*	
27 15 13 00-0211	MLF	9 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,681.57	2,712.39
		For Work In Restricted Working Space, Add	*1,355.89*	
27 15 13 00-0212	MLF	12 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	6,846.74	3,359.42
		For Work In Restricted Working Space, Add	*1,679.83*	
27 15 13 00-0213	MLF	24 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	10,144.08	4,962.95
		For Work In Restricted Working Space, Add	*2,481.94*	

27 15 13 00-0214 #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 15 13 00-0191)*

27 15 13 00-0215	MLF	1 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,815.84	1,594.14
		For Work In Restricted Working Space, Add	*797.54*	
27 15 13 00-0216	MLF	2 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,036.78	1,652.76
		For Work In Restricted Working Space, Add	*826.38*	
27 15 13 00-0217	MLF	3 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,198.01	1,711.36
		For Work In Restricted Working Space, Add	*855.21*	
27 15 13 00-0218	MLF	4 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,391.81	1,767.62
		For Work In Restricted Working Space, Add	*884.05*	
27 15 13 00-0219	MLF	5 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,677.90	1,887.19
		For Work In Restricted Working Space, Add	*943.83*	
27 15 13 00-0220	MLF	6 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,961.65	2,006.74
		For Work In Restricted Working Space, Add	*1,002.90*	
27 15 13 00-0221	MLF	8 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,585.76	2,243.52
		For Work In Restricted Working Space, Add	*1,121.76*	
27 15 13 00-0222	MLF	12 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	6,001.62	2,956.20
		For Work In Restricted Working Space, Add	*1,478.33*	
27 15 13 00-0223	MLF	24 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	8,451.98	4,367.49
		For Work In Restricted Working Space, Add	*2,183.74*	

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27 15 13 00-0224		#20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 15 13 00-0191)*		
27 15 13 00-0225	MLF	1 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,528.09	1,451.14
		For Work In Restricted Working Space, Add	*725.10*	
27 15 13 00-0226	MLF	2 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,693.12	1,502.72
		For Work In Restricted Working Space, Add	*751.13*	
27 15 13 00-0227	MLF	3 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,113.76	1,711.36
		For Work In Restricted Working Space, Add	*855.21*	
27 15 13 00-0228	MLF	4 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,339.41	1,799.04
		For Work In Restricted Working Space, Add	*899.52*	
27 15 13 00-0229	MLF	5 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,562.29	1,887.19
		For Work In Restricted Working Space, Add	*943.83*	
27 15 13 00-0230	MLF	6 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,825.04	2,006.74
		For Work In Restricted Working Space, Add	*1,002.90*	
27 15 13 00-0231	MLF	8 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,237.78	2,233.21
		For Work In Restricted Working Space, Add	*1,116.84*	
27 15 13 00-0232	MLF	12 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,156.83	2,688.94
		For Work In Restricted Working Space, Add	*1,344.01*	
27 15 13 00-0233	MLF	24 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	7,633.24	3,971.30
		For Work In Restricted Working Space, Add	*1,985.41*	
27 15 13 00-0234	MLF	25 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	7,904.87	4,065.06
		For Work In Restricted Working Space, Add	*2,032.52*	
27 15 13 00-0235	MLF	36 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	9,273.09	4,733.21
		For Work In Restricted Working Space, Add	*2,366.61*	
27 15 13 00-0236	MLF	40 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	9,933.66	5,066.09
		For Work In Restricted Working Space, Add	*2,533.28*	
27 15 13 00-0237	MLF	50 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	12,238.52	6,332.03
		For Work In Restricted Working Space, Add	*3,165.54*	
27 15 13 00-0238	MLF	100 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	16,279.28	8,336.44
		For Work In Restricted Working Space, Add	*4,167.72*	
27 15 13 00-0239		#22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 15 13 00-0191)*		
27 15 13 00-0240	MLF	1 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,249.19	1,305.79
		For Work In Restricted Working Space, Add	*652.66*	
27 15 13 00-0241	MLF	2 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,353.69	1,352.68
		For Work In Restricted Working Space, Add	*675.87*	
27 15 13 00-0242	MLF	3 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,475.91	1,399.57
		For Work In Restricted Working Space, Add	*699.78*	
27 15 13 00-0243	MLF	4 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,604.43	1,446.45
		For Work In Restricted Working Space, Add	*723.70*	
27 15 13 00-0244	MLF	5 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,811.86	1,544.92
		For Work In Restricted Working Space, Add	*772.22*	
27 15 13 00-0245	MLF	6 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,022.12	1,636.35
		For Work In Restricted Working Space, Add	*818.64*	
27 15 13 00-0246		Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0001)*		
27 15 13 00-0247	MLF	1 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,704.22	906.08
27 15 13 00-0248	MLF	2 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,021.33	938.90
27 15 13 00-0249	MLF	3 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,246.90	971.72
27 15 13 00-0250	MLF	4 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,371.65	1,004.55
27 15 13 00-0251	MLF	5 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,814.68	1,071.36
27 15 13 00-0252	MLF	6 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,040.16	1,139.34

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0253	MLF	8 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,768.53	1,275.32
27 15 13 00-0254	MLF	12 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,704.58	1,679.71
27 15 13 00-0255	MLF	24 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	7,126.64	2,481.47
27 15 13 00-0256	MLF	1 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,475.96	797.07
27 15 13 00-0257	MLF	2 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,736.75	826.37
27 15 13 00-0258	MLF	3 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,953.72	855.68
27 15 13 00-0259	MLF	4 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,064.77	883.81
27 15 13 00-0260	MLF	5 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,443.74	943.59
27 15 13 00-0261	MLF	6 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,730.52	1,003.38
27 15 13 00-0262	MLF	8 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,081.54	1,121.76
27 15 13 00-0263	MLF	12 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,988.67	1,478.10
27 15 13 00-0264	MLF	24 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,329.38	2,183.74
27 15 13 00-0265	MLF	1 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,308.93	725.57
27 15 13 00-0266	MLF	2 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,476.47	751.36
27 15 13 00-0267	MLF	3 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,639.04	777.14
27 15 13 00-0268	MLF	4 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,744.24	804.11
27 15 13 00-0269	MLF	5 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,895.17	858.03
27 15 13 00-0270	MLF	6 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,063.15	911.95
27 15 13 00-0271	MLF	8 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,310.44	1,019.79
27 15 13 00-0272	MLF	12 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,171.27	1,344.48
27 15 13 00-0273	MLF	24 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,804.94	1,985.64
27 15 13 00-0274	MLF	25 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,052.19	2,032.54
27 15 13 00-0275	MLF	36 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,950.27	2,366.60
27 15 13 00-0276	MLF	40 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,416.80	2,533.05
27 15 13 00-0277	MLF	50 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	7,761.31	3,166.02
27 15 13 00-0278	MLF	100 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	10,463.32	4,168.22
27 15 13 00-0279	MLF	250 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	20,111.87	7,677.68
27 15 13 00-0280	MLF	500 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	30,033.93	10,160.33
27 15 13 00-0281	MLF	750 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	40,016.86	12,803.56
27 15 13 00-0282	MLF	1200 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	56,239.74	17,562.55
27 15 13 00-0283	MLF	1 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,272.75	725.57
27 15 13 00-0284	MLF	2 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,395.54	751.36
27 15 13 00-0285	MLF	3 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,515.17	777.14
27 15 13 00-0286	MLF	4 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,598.50	804.11
27 15 13 00-0287	MLF	5 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,727.58	858.03
27 15 13 00-0288	MLF	6 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,867.12	911.95
27 15 13 00-0289	MLF	8 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,090.35	1,019.79
27 15 13 00-0290	MLF	12 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,835.72	1,344.48
27 15 13 00-0291	MLF	24 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,265.93	1,985.64
27 15 13 00-0292	MLF	25 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,452.38	2,032.54
27 15 13 00-0293	MLF	36 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,249.23	2,366.60
27 15 13 00-0294	MLF	40 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,626.00	2,533.05

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0295	MLF	50 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,865.75	3,166.02
27 15 13 00-0296	MLF	100 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	9,196.03	4,168.22
27 15 13 00-0297	MLF	250 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	17,429.95	7,677.68
27 15 13 00-0298	MLF	500 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	25,298.95	10,160.33
27 15 13 00-0299	MLF	750 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	33,267.67	12,803.56
27 15 13 00-0300	MLF	1200 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	46,496.05	17,562.55

27 15 13 00-0301 Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0001)*

27 15 13 00-0302	MLF	1 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,713.78	906.08
27 15 13 00-0303	MLF	2 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,928.60	938.90
27 15 13 00-0304	MLF	3 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,066.47	971.72
27 15 13 00-0305	MLF	4 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,247.49	1,004.55
27 15 13 00-0306	MLF	5 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,473.12	1,071.36
27 15 13 00-0307	MLF	6 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,696.41	1,139.34
27 15 13 00-0308	MLF	8 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,216.44	1,275.32
27 15 13 00-0309	MLF	12 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,185.43	1,679.71
27 15 13 00-0310	MLF	24 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,235.24	2,481.47
27 15 13 00-0311	MLF	1 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,501.67	797.07
27 15 13 00-0312	MLF	2 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,686.50	826.37
27 15 13 00-0313	MLF	3 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,805.91	855.68
27 15 13 00-0314	MLF	4 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,961.02	883.81
27 15 13 00-0315	MLF	5 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,155.78	943.59
27 15 13 00-0316	MLF	6 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,349.39	1,003.38
27 15 13 00-0317	MLF	8 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,797.23	1,121.76
27 15 13 00-0318	MLF	12 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,641.26	1,478.10
27 15 13 00-0319	MLF	24 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,423.44	2,183.74
27 15 13 00-0320	MLF	1 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,330.22	725.57
27 15 13 00-0321	MLF	2 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,489.72	751.36
27 15 13 00-0322	MLF	3 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,604.46	777.14
27 15 13 00-0323	MLF	4 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,804.84	804.11
27 15 13 00-0324	MLF	5 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,992.49	858.03
27 15 13 00-0325	MLF	6 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,333.97	911.95
27 15 13 00-0326	MLF	8 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,609.07	1,019.79
27 15 13 00-0327	MLF	12 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,317.33	1,344.48
27 15 13 00-0328	MLF	24 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,987.95	1,985.64
27 15 13 00-0329	MLF	25 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,254.85	2,032.54
27 15 13 00-0330	MLF	36 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,232.62	2,366.60
27 15 13 00-0331	MLF	40 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,683.99	2,533.05
27 15 13 00-0332	MLF	50 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	8,063.89	3,166.02
27 15 13 00-0333	MLF	100 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	10,891.51	4,168.22
27 15 13 00-0334	MLF	250 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	21,018.73	7,677.68
27 15 13 00-0335	MLF	500 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	31,634.67	10,160.33

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0336	MLF	750 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	42,298.23	12,803.56
27 15 13 00-0337	MLF	1200 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	59,533.20	17,561.37
27 15 13 00-0338	MLF	1 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,286.36	725.57
27 15 13 00-0339	MLF	2 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,404.02	751.36
27 15 13 00-0340	MLF	3 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,493.05	777.14
27 15 13 00-0341	MLF	4 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,637.26	804.11
27 15 13 00-0342	MLF	5 Pair #22 AWG, Solid, Low Voltage, Plenum Rated, Non-Shielded, Installed In Conduit	1,789.82	858.03
27 15 13 00-0343	MLF	6 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,040.37	911.95
27 15 13 00-0344	MLF	8 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,281.39	1,019.79
27 15 13 00-0345	MLF	12 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,929.15	1,344.48
27 15 13 00-0346	MLF	24 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,382.99	1,985.64
27 15 13 00-0347	MLF	25 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,582.02	2,032.54
27 15 13 00-0348	MLF	36 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,408.10	2,366.60
27 15 13 00-0349	MLF	40 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,796.93	2,533.05
27 15 13 00-0350	MLF	50 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	7,059.31	3,166.02
27 15 13 00-0351	MLF	100 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	9,469.93	4,168.22
27 15 13 00-0352	MLF	250 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	18,010.01	7,677.68
27 15 13 00-0353	MLF	500 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	26,323.00	10,160.33
27 15 13 00-0354	MLF	750 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	34,727.55	12,803.56
27 15 13 00-0355	MLF	1200 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	48,603.76	17,562.55

27 15 13 00-0356 Copper Telecommunications Cable *(27 15 13)*

27 15 13 00-0357 Indoor Telecommunications Cable *(27 15 13 00-0356)*

Note: Shielded twisted pair cables (STP) includes a metallic foil wrap. Un-shielded twisted pair cables (UTP) excludes any shielding.

27 15 13 00-0358 Category 3, Indoor Telecommunications Cable *(27 15 13 00-0357)*

Note: Un-shielded twisted pair cables (UTP).

27 15 13 00-0359 Category 3, Indoor Telecommunications Riser Cable *(27 15 13 00-0358)*

27 15 13 00-0360 24 AWG, Category 3, Indoor Telecommunications Riser Cable *(27 15 13 00-0359)*

27 15 13 00-0361 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit *(27 15 13 00-0360)*

27 15 13 00-0362	MLF	2-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	1,008.88	538.85
27 15 13 00-0363	MLF	3-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	1,056.17	538.85
27 15 13 00-0364	MLF	4-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	1,072.88	538.85
27 15 13 00-0365	MLF	6-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	1,295.26	615.82
27 15 13 00-0366	MLF	12-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	1,643.37	615.82
27 15 13 00-0367	MLF	25-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	2,196.10	615.82
27 15 13 00-0368	MLF	50-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	3,497.75	769.78
27 15 13 00-0369	MLF	100-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	6,322.94	1,231.64
27 15 13 00-0370	MLF	150-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	8,556.55	1,385.59
27 15 13 00-0371	MLF	200-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	11,363.44	1,539.55
27 15 13 00-0372	MLF	300-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	16,618.88	2,155.37
27 15 13 00-0373	MLF	400-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	21,779.55	2,663.42
27 15 13 00-0374	MLF	600-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	34,502.82	3,694.92
27 15 13 00-0375	MLF	900-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	56,065.66	7,389.83
27 15 13 00-0376	MLF	1,200-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	76,242.04	11,084.75

27 15 13 00-0377 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed *(27 15 13 00-0360)*

27 15 13 00-0378	MLF	2-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	1,906.95	1,077.68
		For Work In Restricted Working Space, Add	*538.84*	
27 15 13 00-0379	MLF	3-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	1,954.24	1,077.68
		For Work In Restricted Working Space, Add	*538.84*	
27 15 13 00-0380	MLF	4-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	1,970.95	1,077.68
		For Work In Restricted Working Space, Add	*538.84*	
27 15 13 00-0381	MLF	6-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	2,065.04	1,077.68
		For Work In Restricted Working Space, Add	*538.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0382	MLF	12-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	2,413.15	1,077.68
		For Work In Restricted Working Space, Add	*538.84*	
27 15 13 00-0383	MLF	25-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	3,222.47	1,231.64
		For Work In Restricted Working Space, Add	*615.82*	
27 15 13 00-0384	MLF	50-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	4,780.71	1,539.55
		For Work In Restricted Working Space, Add	*769.78*	
27 15 13 00-0385	MLF	100-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	7,349.31	1,847.46
		For Work In Restricted Working Space, Add	*923.73*	
27 15 13 00-0386	MLF	150-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	9,711.21	2,078.39
		For Work In Restricted Working Space, Add	*1,039.19*	
27 15 13 00-0387	MLF	200-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	12,646.39	2,309.32
		For Work In Restricted Working Space, Add	*1,154.66*	
27 15 13 00-0388	MLF	300-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	18,415.02	3,233.05
		For Work In Restricted Working Space, Add	*1,616.53*	
27 15 13 00-0389	MLF	400-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	24,011.90	4,002.83
		For Work In Restricted Working Space, Add	*2,001.41*	
27 15 13 00-0390	MLF	600-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	37,581.92	5,542.37
		For Work In Restricted Working Space, Add	*2,771.19*	
27 15 13 00-0391	MLF	900-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	62,223.85	11,084.75
		For Work In Restricted Working Space, Add	*5,542.37*	
27 15 13 00-0392	MLF	1,200-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	85,479.34	16,627.13
		For Work In Restricted Working Space, Add	*8,313.56*	

27 15 13 00-0393 22 AWG, Category 3, Indoor Telecommunications Riser Cable *(27 15 13 00-0359)*

27 15 13 00-0394 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit *(27 15 13 00-0393)*

27 15 13 00-0395	MLF	25-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	3,572.82	615.82
27 15 13 00-0396	MLF	50-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	5,325.13	769.78
27 15 13 00-0397	MLF	100-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	9,729.36	1,231.64
27 15 13 00-0398	MLF	200-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	17,296.76	1,539.55
27 15 13 00-0399	MLF	300-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	25,442.62	2,155.37
27 15 13 00-0400	MLF	400-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	33,144.33	2,663.42
27 15 13 00-0401	MLF	600-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	49,148.03	3,694.92

27 15 13 00-0402 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed *(27 15 13 00-0393)*

27 15 13 00-0403	MLF	25-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	4,599.19	1,231.64
		For Work In Restricted Working Space, Add	*615.82*	
27 15 13 00-0404	MLF	50-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	6,608.09	1,539.55
		For Work In Restricted Working Space, Add	*769.78*	
27 15 13 00-0405	MLF	100-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	10,755.73	1,847.46
		For Work In Restricted Working Space, Add	*923.73*	
27 15 13 00-0406	MLF	200-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	18,579.71	2,309.32
		For Work In Restricted Working Space, Add	*1,154.66*	
27 15 13 00-0407	MLF	300-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	27,238.76	3,233.05
		For Work In Restricted Working Space, Add	*1,616.53*	
27 15 13 00-0408	MLF	400-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	35,376.68	4,002.83
		For Work In Restricted Working Space, Add	*2,001.41*	
27 15 13 00-0409	MLF	600-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	52,227.13	5,542.37
		For Work In Restricted Working Space, Add	*2,771.19*	

27 15 13 00-0410 Category 3, Indoor Telecommunications Plenum Cable *(27 15 13 00-0358)*

27 15 13 00-0411 24 AWG, Category 3, Indoor Telecommunications Plenum Cable *(27 15 13 00-0410)*

27 15 13 00-0412 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit *(27 15 13 00-0411)*

27 15 13 00-0413	MLF	2-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,047.12	538.85
27 15 13 00-0414	MLF	3-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,094.22	538.85
27 15 13 00-0415	MLF	4-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,129.44	538.85
27 15 13 00-0416	MLF	6-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,358.78	615.82
27 15 13 00-0417	MLF	12-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,738.24	615.82
27 15 13 00-0418	MLF	25-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	2,766.83	615.82
27 15 13 00-0419	MLF	50-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	4,659.71	769.78
27 15 13 00-0420	MLF	100-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	8,757.55	1,231.64
27 15 13 00-0421	MLF	200-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	15,178.62	1,539.55
27 15 13 00-0422	MLF	300-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	22,750.42	2,155.37

27 15 13 00-0423 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed *(27 15 13 00-0411)*

27 15 13 00-0424	MLF	2-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	1,945.19	1,077.68
		For Work In Restricted Working Space, Add	*538.84*	
27 15 13 00-0425	MLF	3-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	1,992.29	1,077.68
		For Work In Restricted Working Space, Add	*538.84*	
27 15 13 00-0426	MLF	4-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	2,027.51	1,077.68
		For Work In Restricted Working Space, Add	*538.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0427	MLF	6-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	2,128.56	1,077.68
		For Work In Restricted Working Space, Add	*538.84*	
27 15 13 00-0428	MLF	12-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	2,508.02	1,077.68
		For Work In Restricted Working Space, Add	*538.84*	
27 15 13 00-0429	MLF	25-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	3,793.20	1,231.64
		For Work In Restricted Working Space, Add	*615.82*	
27 15 13 00-0430	MLF	50-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	5,942.67	1,539.55
		For Work In Restricted Working Space, Add	*769.78*	
27 15 13 00-0431	MLF	100-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	9,783.92	1,847.46
		For Work In Restricted Working Space, Add	*923.73*	
27 15 13 00-0432	MLF	200-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	16,461.57	2,309.32
		For Work In Restricted Working Space, Add	*1,154.66*	
27 15 13 00-0433	MLF	300-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	24,546.56	3,233.05
		For Work In Restricted Working Space, Add	*1,616.53*	
27 15 13 00-0434		Category 5E, Indoor Telecommunications Cable *(27 15 13 00-0357)*		
27 15 13 00-0435		Category 5E, Indoor Telecommunications Riser Cable *(27 15 13 00-0434)*		
27 15 13 00-0436		Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit *(27 15 13 00-0435)*		
27 15 13 00-0437	MLF	4-Pair Solid UTP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit	1,085.06	538.85
27 15 13 00-0438	MLF	4-Pair Stranded UTP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit	1,128.86	538.85
27 15 13 00-0439	MLF	4-Pair Solid STP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit	1,257.99	615.82
27 15 13 00-0440	MLF	4-Pair Stranded STP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit	1,301.77	615.82
27 15 13 00-0441		Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed *(27 15 13 00-0435)*		
27 15 13 00-0442	MLF	4-Pair Solid UTP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed	1,983.13	1,077.68
		For Work In Restricted Working Space, Add	*538.84*	
27 15 13 00-0443	MLF	4-Pair Stranded UTP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed	2,026.93	1,077.68
		For Work In Restricted Working Space, Add	*538.84*	
27 15 13 00-0444	MLF	4-Pair Solid STP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed	2,284.36	1,231.64
		For Work In Restricted Working Space, Add	*615.82*	
27 15 13 00-0445	MLF	4-Pair Stranded STP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed	2,328.14	1,231.64
		For Work In Restricted Working Space, Add	*615.82*	
27 15 13 00-0446		Category 5E, Indoor Telecommunications Plenum Cable *(27 15 13 00-0434)*		
27 15 13 00-0447		Category 5E, Indoor Telecommunications Plenum Cable, Installed In Conduit *(27 15 13 00-0446)*		
27 15 13 00-0448	MLF	4-Pair Solid UTP, 24 AWG, Category 5E, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,246.12	538.85
27 15 13 00-0449	MLF	4-Pair Solid STP, 24 AWG, Category 5E, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,716.64	615.82
27 15 13 00-0450		Category 5E, Indoor Telecommunications Plenum Cable, Installed Exposed *(27 15 13 00-0446)*		
27 15 13 00-0451	MLF	4-Pair Solid UTP, 24 AWG, Category 5E, Indoor Telecommunications Plenum Cable, Installed Exposed	2,144.19	1,077.68
		For Work In Restricted Working Space, Add	*538.84*	
27 15 13 00-0452	MLF	4-Pair Solid STP, 24 AWG, Category 5E, Indoor Telecommunications Plenum Cable, Installed Exposed	2,743.01	1,231.64
		For Work In Restricted Working Space, Add	*615.82*	
27 15 13 00-0453		Category 6, Indoor Telecommunications Cable *(27 15 13 00-0357)*		
27 15 13 00-0454		Category 6, Indoor Telecommunications Riser Cable *(27 15 13 00-0453)*		
27 15 13 00-0455		Category 6, Indoor Telecommunications Riser Cable, Installed In Conduit *(27 15 13 00-0454)*		
27 15 13 00-0456	MLF	4-Pair Solid UTP, 23 AWG, Category 6, Indoor Telecommunications Riser Cable, Installed In Conduit	1,191.55	538.85
27 15 13 00-0457	MLF	4-Pair Stranded UTP, 23 AWG, Category 6, Indoor Telecommunications Riser Cable, Installed In Conduit	1,224.36	538.85
27 15 13 00-0458		Category 6, Indoor Telecommunications Riser Cable, Installed Exposed *(27 15 13 00-0454)*		
27 15 13 00-0459	MLF	4-Pair Solid UTP, 23 AWG, Category 6, Indoor Telecommunications Riser Cable, Installed Exposed	2,089.62	1,077.68
		For Work In Restricted Working Space, Add	*538.84*	
27 15 13 00-0460	MLF	4-Pair Stranded UTP, 23 AWG, Category 6, Indoor Telecommunications Riser Cable, Installed Exposed	2,122.43	1,077.68
		For Work In Restricted Working Space, Add	*538.84*	
27 15 13 00-0461		Category 6, Indoor Telecommunications Plenum Cable *(27 15 13 00-0453)*		
27 15 13 00-0462		Category 6, Indoor Telecommunications Plenum Cable, Installed In Conduit *(27 15 13 00-0461)*		
27 15 13 00-0463	MLF	4-Pair Solid UTP, 23 AWG, Category 6, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,419.79	538.85
27 15 13 00-0464		Category 6, Indoor Telecommunications Plenum Cable, Installed Exposed *(27 15 13 00-0461)*		
27 15 13 00-0465	MLF	4-Pair Solid UTP, 23 AWG, Category 6, Indoor Telecommunications Plenum Cable, Installed Exposed	2,317.86	1,077.68
		For Work In Restricted Working Space, Add	*538.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0466		Category 6A, Indoor Telecommunications Cable *(27 15 13 00-0357)*		
27 15 13 00-0467		Category 6a, Indoor Telecommunications Riser Cable *(27 15 13 00-0466)*		
27 15 13 00-0468		Category 6a Indoor Telecommunications Riser Cable, Installed In Conduit *(27 15 13 00-0467)*		
27 15 13 00-0469	MLF	4-Pair Solid UTP, 23 AWG, Category 6A, Indoor Telecommunications Riser Cable, Installed In Conduit	1,243.98	538.85
27 15 13 00-0470		Category 6a, Indoor Telecommunications Riser Cable, Installed Exposed *(27 15 13 00-0467)*		
27 15 13 00-0471	MLF	4-Pair Solid UTP, 23 AWG, Category 6A, Indoor Telecommunications Riser Cable, Installed Exposed	2,142.05	1,077.68
		For Work In Restricted Working Space, Add	*538.84*	
27 15 13 00-0472		Category 6A, Indoor Telecommunications Plenum Cable *(27 15 13 00-0466)*		
27 15 13 00-0473		Category 6A, Indoor Telecommunications Plenum Cable, Installed In Conduit *(27 15 13 00-0472)*		
27 15 13 00-0474	MLF	4-Pair Solid UTP, 23 AWG, Category 6A, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,555.39	538.85
27 15 13 00-0475		Category 6a, Indoor Telecommunications Plenum Cable, Installed Exposed *(27 15 13 00-0472)*		
27 15 13 00-0476	MLF	4-Pair Solid UTP, 23 AWG, Category 6A, Indoor Telecommunications Plenum Cable, Installed Exposed	2,453.46	1,077.68
		For Work In Restricted Working Space, Add	*538.84*	
27 15 13 00-0477		Category 7, Indoor Telecommunications Cable *(27 15 13 00-0357)*		
27 15 13 00-0478		Category 7, Indoor Telecommunications Cable, Installed In Conduit *(27 15 13 00-0477)*		
27 15 13 00-0479	MLF	4-Pair Solid STP, 22 AWG, Category 7, Indoor Telecommunications Riser Cable, Installed In Conduit	2,359.87	615.82
27 15 13 00-0480	MLF	4-Pair Solid STP, 22 AWG, Category 7, Indoor Telecommunications Plenum Cable, Installed In Conduit	3,870.63	615.82
27 15 13 00-0481		Category 7, Indoor Telecommunications Cable, Installed Exposed *(27 15 13 00-0477)*		
27 15 13 00-0482	MLF	4-Pair Solid STP, 22 AWG, Category 7, Indoor Telecommunications Riser Cable, Installed Exposed	3,386.24	1,231.64
		For Work In Restricted Working Space, Add	*615.82*	
27 15 13 00-0483	MLF	4-Pair Solid STP, 22 AWG, Category 7, Indoor Telecommunications Plenum Cable, Installed Exposed	4,897.00	1,231.64
		For Work In Restricted Working Space, Add	*615.82*	
27 15 13 00-0484		Outdoor Telecommunications Cable *(27 15 13 00-0356)* Note: Cable buried in trench excludes excavation.		
27 15 13 00-0485		PE-89 Outdoor Telecommunications Cable *(27 15 13 00-0484)* Note: Includes foam-skin polyolefin insulated conductors.		
27 15 13 00-0486		24 AWG, PE-89 Outdoor Telecommunications Cable *(27 15 13 00-0485)*		
27 15 13 00-0487		24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit *(27 15 13 00-0486)*		
27 15 13 00-0488	MLF	6-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	2,038.34	615.82
27 15 13 00-0489	MLF	12-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	2,466.38	1,077.68
27 15 13 00-0490	MLF	25-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	3,516.75	692.80
27 15 13 00-0491	MLF	50-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	5,401.66	769.78
27 15 13 00-0492	MLF	75-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	7,660.80	1,077.68
27 15 13 00-0493	MLF	100-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	9,667.41	1,231.64
27 15 13 00-0494	MLF	200-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	16,758.68	1,385.59
27 15 13 00-0495	MLF	300-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	24,643.59	2,001.41
27 15 13 00-0496	MLF	400-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	32,661.52	2,617.24
27 15 13 00-0497	MLF	600-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	44,360.49	3,540.96
27 15 13 00-0498	MLF	900-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	69,731.17	7,081.92
27 15 13 00-0499	MLF	1,200-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	95,137.92	10,468.93
27 15 13 00-0500		24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench *(27 15 13 00-0486)*		
27 15 13 00-0501	MLF	6-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	1,845.90	
27 15 13 00-0502	MLF	12-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	2,273.94	
27 15 13 00-0503	MLF	25-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	3,260.16	
27 15 13 00-0504	MLF	50-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	5,145.06	
27 15 13 00-0505	MLF	75-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	7,275.92	
27 15 13 00-0506	MLF	100-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	9,025.94	
27 15 13 00-0507	MLF	200-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	16,502.09	
27 15 13 00-0508	MLF	300-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	23,873.82	
27 15 13 00-0509	MLF	400-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	31,057.82	
27 15 13 00-0510	MLF	600-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	41,537.99	
27 15 13 00-0511	MLF	900-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	62,033.42	
27 15 13 00-0512	MLF	1,200-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	83,847.89	

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CSI		MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0513			22 AWG, PE-89 Outdoor Telecommunications Cable *(27 15 13 00-0485)*		
27 15 13 00-0514			22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit *(27 15 13 00-0513)*		
	27 15 13 00-0515	MLF	6-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	2,310.46	615.82
	27 15 13 00-0516	MLF	12-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	2,974.77	615.82
	27 15 13 00-0517	MLF	25-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	4,557.40	692.80
	27 15 13 00-0518	MLF	50-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	7,253.89	769.78
	27 15 13 00-0519	MLF	75-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	10,555.32	1,077.68
	27 15 13 00-0520	MLF	100-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	13,602.45	1,231.64
	27 15 13 00-0521	MLF	200-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	24,349.92	1,385.59
	27 15 13 00-0522	MLF	300-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	35,470.22	2,001.41
	27 15 13 00-0523	MLF	400-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	47,256.75	2,617.24
	27 15 13 00-0524	MLF	600-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	69,848.35	3,540.96
	27 15 13 00-0525	MLF	900-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	101,920.23	7,081.92
	27 15 13 00-0526	MLF	1,200-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	143,295.72	10,468.93
27 15 13 00-0527			22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench *(27 15 13 00-0513)*		
	27 15 13 00-0528	MLF	6-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	2,118.02	
	27 15 13 00-0529	MLF	12-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	2,782.33	
	27 15 13 00-0530	MLF	25-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	4,300.81	
	27 15 13 00-0531	MLF	50-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	6,997.29	
	27 15 13 00-0532	MLF	75-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	10,170.44	
	27 15 13 00-0533	MLF	100-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	13,217.56	
	27 15 13 00-0534	MLF	200-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	24,093.33	
	27 15 13 00-0535	MLF	300-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	34,700.45	
	27 15 13 00-0536	MLF	400-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	45,653.05	
	27 15 13 00-0537	MLF	600-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	67,025.85	
	27 15 13 00-0538	MLF	900-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	94,222.48	
	27 15 13 00-0539	MLF	1,200-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	132,005.69	
27 15 13 00-0540			19 AWG, PE-89 Outdoor Telecommunications Cable *(27 15 13 00-0485)*		
27 15 13 00-0541			19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit *(27 15 13 00-0540)*		
	27 15 13 00-0542	MLF	25-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	7,765.50	692.80
	27 15 13 00-0543	MLF	50-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	13,524.69	769.78
	27 15 13 00-0544	MLF	75-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	21,709.92	1,077.68
	27 15 13 00-0545	MLF	100-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	26,023.09	1,231.64
27 15 13 00-0546			19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench *(27 15 13 00-0540)*		
	27 15 13 00-0547	MLF	25-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	7,508.91	
	27 15 13 00-0548	MLF	50-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	13,268.09	
	27 15 13 00-0549	MLF	75-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	21,325.04	
	27 15 13 00-0550	MLF	100-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	25,638.20	
27 15 13 00-0551			PE-39 Outdoor Telecommunications Cable *(27 15 13 00-0484)* Note: Includes solid polyolefin insulated conductors.		
27 15 13 00-0552			24 AWG, PE-39 Outdoor Telecommunications Cable *(27 15 13 00-0551)*		
27 15 13 00-0553			24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit *(27 15 13 00-0552)*		
	27 15 13 00-0554	MLF	6-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	2,846.38	1,077.68
	27 15 13 00-0555	MLF	12-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	3,370.04	1,077.68
	27 15 13 00-0556	MLF	25-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	4,426.50	1,077.68
	27 15 13 00-0557	MLF	50-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	6,328.98	1,077.68
	27 15 13 00-0558	MLF	100-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	10,187.49	1,077.68
	27 15 13 00-0559	MLF	200-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	18,534.90	1,385.59
	27 15 13 00-0560	MLF	300-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	27,066.43	2,001.41
	27 15 13 00-0561	MLF	400-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	35,613.73	2,617.24
	27 15 13 00-0562	MLF	600-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	48,670.95	3,540.96
	27 15 13 00-0563	MLF	900-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	75,305.65	7,081.92
	27 15 13 00-0564	MLF	1,200-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	109,595.88	10,468.93
27 15 13 00-0565			24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench *(27 15 13 00-0552)*		
	27 15 13 00-0566	MLF	6-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	2,461.50	
	27 15 13 00-0567	MLF	12-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	2,985.16	
	27 15 13 00-0568	MLF	25-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	4,041.62	
	27 15 13 00-0569	MLF	50-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	5,944.10	
	27 15 13 00-0570	MLF	100-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	9,802.61	
	27 15 13 00-0571	MLF	200-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	18,278.31	
	27 15 13 00-0572	MLF	300-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	26,296.66	
	27 15 13 00-0573	MLF	400-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	34,010.03	
	27 15 13 00-0574	MLF	600-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	45,848.45	
	27 15 13 00-0575	MLF	900-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	67,607.90	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0576	MLF	1,200-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	98,305.85	
27 15 13 00-0577		**22 AWG, PE-39 Outdoor Telecommunications Cable** *(27 15 13 00-0551)*		
27 15 13 00-0578		**22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit** *(27 15 13 00-0577)*		
27 15 13 00-0579	MLF	6-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	3,149.13	1,077.68
27 15 13 00-0580	MLF	12-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	3,918.62	1,077.68
27 15 13 00-0581	MLF	25-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	5,556.15	1,077.68
27 15 13 00-0582	MLF	50-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	8,568.61	1,077.68
27 15 13 00-0583	MLF	100-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	14,855.22	1,077.68
27 15 13 00-0584	MLF	200-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	27,517.84	1,385.59
27 15 13 00-0585	MLF	300-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	40,326.36	2,001.41
27 15 13 00-0586	MLF	400-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	51,651.36	2,617.24
27 15 13 00-0587	MLF	600-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	72,169.76	3,540.96
27 15 13 00-0588	MLF	900-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	113,355.67	7,081.92
27 15 13 00-0589		**22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench** *(27 15 13 00-0577)*		
27 15 13 00-0590	MLF	6-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	2,764.25	
27 15 13 00-0591	MLF	12-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	3,533.74	
27 15 13 00-0592	MLF	25-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	5,171.27	
27 15 13 00-0593	MLF	50-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	8,183.73	
27 15 13 00-0594	MLF	100-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	14,470.34	
27 15 13 00-0595	MLF	200-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	27,261.25	
27 15 13 00-0596	MLF	300-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	39,556.59	
27 15 13 00-0597	MLF	400-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	50,047.66	
27 15 13 00-0598	MLF	600-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	69,347.26	
27 15 13 00-0599	MLF	900-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	105,657.92	
27 15 13 00-0600		**19 AWG, PE-39 Outdoor Telecommunications Cable** *(27 15 13 00-0551)*		
27 15 13 00-0601		**19 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit** *(27 15 13 00-0600)*		
27 15 13 00-0602	MLF	25-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	9,183.64	1,077.68
27 15 13 00-0603	MLF	50-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	15,293.31	1,077.68
27 15 13 00-0604	MLF	100-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	27,962.61	1,077.68
27 15 13 00-0605		**19 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench** *(27 15 13 00-0600)*		
27 15 13 00-0606	MLF	25-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	8,798.76	
27 15 13 00-0607	MLF	50-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	14,908.43	
27 15 13 00-0608	MLF	100-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	27,577.73	
27 15 13 00-0609		**(Aerial) Outdoor Telecommunications Cable** *(27 15 13 00-0484)* Note: Includes support wire.		
27 15 13 00-0610		**24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles** *(27 15 13 00-0609)*		
27 15 13 00-0611	MLF	6-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	8,180.46	2,149.55
27 15 13 00-0612	MLF	12-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	8,616.17	2,149.55
27 15 13 00-0613	MLF	25-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	9,697.95	2,149.55
27 15 13 00-0614	MLF	50-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	11,700.85	2,149.55
27 15 13 00-0615	MLF	100-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	15,569.42	2,149.55
27 15 13 00-0616	MLF	200-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	23,749.08	2,364.51
27 15 13 00-0617	MLF	300-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	31,976.61	2,579.47
27 15 13 00-0618		**22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles** *(27 15 13 00-0609)*		
27 15 13 00-0619	MLF	6-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	8,701.74	2,149.55
27 15 13 00-0620	MLF	12-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	9,345.48	2,149.55
27 15 13 00-0621	MLF	25-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	10,895.98	2,149.55
27 15 13 00-0622	MLF	50-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	13,959.13	2,149.55
27 15 13 00-0623	MLF	100-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	20,737.58	2,149.55
27 15 13 00-0624	MLF	200-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	33,011.09	2,364.51
27 15 13 00-0625		**19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles** *(27 15 13 00-0609)*		
27 15 13 00-0626	MLF	6-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	9,390.92	2,149.55
27 15 13 00-0627	MLF	12-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	10,846.70	2,149.55
27 15 13 00-0628	MLF	25-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	13,709.00	2,149.55
27 15 13 00-0629	MLF	50-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	19,433.65	2,149.55
27 15 13 00-0630	MLF	100-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	30,973.53	2,149.55

27 15 23 Communications Optical Fiber Horizontal Cabling *(27 15)*

Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc.

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0001		Indoor Fiber Optic Cable *(27 15 23)*			
		Note: Distribution cables contain multiple tight-buffered fibers bundled under the same jacket with Kevlar strength members. Break-out cables contain multiple individually reinforced and jacketed simplex cables bundled together.			
27 15 23 00-0002		Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0001)*			
		Note: Excludes conduit or innerduct.			
27 15 23 00-0003		Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0002)*			
27 15 23 00-0004		Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0003)*			
27 15 23 00-0005		Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0004)*			
27 15 23 00-0006	MLF	1-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit		1,075.83	461.86
27 15 23 00-0007	MLF	2-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit		1,168.07	461.86
27 15 23 00-0008	MLF	4-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit		1,198.86	461.86
27 15 23 00-0009	MLF	6-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit		1,308.54	461.86
		For Aluminum Armored Cable, Add		*836.29*	
		For Steel Armored Cable, Add		*1,656.58*	
27 15 23 00-0010	MLF	8-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit		1,339.98	461.86
27 15 23 00-0011	MLF	12-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit		1,530.06	461.86
		For Aluminum Armored Cable, Add		*884.22*	
		For Steel Armored Cable, Add		*1,743.68*	
27 15 23 00-0012	MLF	18-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit		2,578.35	538.85
27 15 23 00-0013	MLF	24-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit		3,593.70	538.85
		For Aluminum Armored Cable With Sub-Units, Add		*1,742.52*	
		For Steel Armored Cable, Add		*2,401.69*	
27 15 23 00-0014	MLF	36-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit		4,365.36	538.85
		For Aluminum Armored Cable With Sub-Units, Add		*1,836.94*	
		For Steel Armored Cable, Add		*2,219.85*	
27 15 23 00-0015	MLF	48-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit		4,515.03	538.85
		For Aluminum Armored Cable With Sub-Units, Add		*1,927.32*	
		For Steel Armored Cable, Add		*2,324.45*	
27 15 23 00-0016	MLF	60-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit		5,458.83	538.85
27 15 23 00-0017	MLF	72-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit		5,709.82	538.85
27 15 23 00-0018	MLF	96-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit		7,030.01	538.85
27 15 23 00-0019	MLF	120-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit		9,427.76	615.82
27 15 23 00-0020	MLF	144-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit		11,228.06	615.82
27 15 23 00-0021		50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0004)*			
27 15 23 00-0022	MLF	1-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit		1,102.39	461.86
27 15 23 00-0023	MLF	2-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit		1,223.86	461.86
27 15 23 00-0024	MLF	4-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit		1,493.47	461.86
27 15 23 00-0025	MLF	6-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit		1,777.27	461.86
		For Aluminum Armored Cable, Add		*876.82*	
		For Steel Armored Cable, Add		*1,165.21*	
27 15 23 00-0026	MLF	8-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit		2,046.88	461.86
27 15 23 00-0027	MLF	12-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit		2,600.29	461.86
		For Aluminum Armored Cable, Add		*833.93*	
		For Steel Armored Cable, Add		*1,209.69*	
27 15 23 00-0028	MLF	18-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit		2,870.48	538.85
27 15 23 00-0029	MLF	24-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit		4,871.27	538.85
		For Aluminum Armored Cable With Sub-Units, Add		*912.06*	
		For Steel Armored Cable, Add		*912.06*	
27 15 23 00-0030	MLF	36-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit		6,857.87	538.85
27 15 23 00-0031	MLF	48-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit		8,844.47	538.85
		For Aluminum Armored Cable With Sub-Units, Add		*1,627.59*	
27 15 23 00-0032	MLF	60-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit		10,831.07	538.85
27 15 23 00-0033	MLF	72-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit		12,817.67	538.85
27 15 23 00-0034	MLF	96-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit		16,805.06	538.85
		For Aluminum Armored Cable With Sub-Units, Add		*7,009.86*	
27 15 23 00-0035	MLF	120-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit		20,906.55	615.82
27 15 23 00-0036	MLF	144-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit		24,879.75	615.82

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0037		62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0004)*		
27 15 23 00-0038	MLF	1-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,119.02	461.86
27 15 23 00-0039	MLF	2-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,246.56	461.86
27 15 23 00-0040	MLF	4-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,529.65	461.86
27 15 23 00-0041	MLF	6-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,827.64	461.86
27 15 23 00-0042	MLF	8-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,110.74	461.86
27 15 23 00-0043	MLF	12-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,691.82	461.86
27 15 23 00-0044	MLF	18-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,969.10	538.85
27 15 23 00-0045	MLF	24-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,069.93	538.85
27 15 23 00-0046	MLF	36-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	7,155.86	538.85
27 15 23 00-0047	MLF	48-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	9,241.79	538.85
27 15 23 00-0048	MLF	60-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	11,327.72	538.85
27 15 23 00-0049	MLF	72-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	13,413.65	538.85
27 15 23 00-0050	MLF	96-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	17,600.41	538.85
27 15 23 00-0051	MLF	120-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	21,900.56	615.82
27 15 23 00-0052	MLF	144-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	26,072.42	615.82
27 15 23 00-0053		Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0003)*		
27 15 23 00-0054		Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0053)*		
27 15 23 00-0055	MLF	2-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,930.70	461.86
27 15 23 00-0056	MLF	4-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,274.69	461.86
27 15 23 00-0057	MLF	6-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,031.45	461.86
27 15 23 00-0058	MLF	8-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,392.60	461.86
27 15 23 00-0059	MLF	12-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,853.02	461.86
27 15 23 00-0060	MLF	18-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,186.75	538.85
27 15 23 00-0061	MLF	24-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	7,771.93	538.85
27 15 23 00-0062	MLF	36-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	10,916.45	538.85
27 15 23 00-0063	MLF	48-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	13,367.32	538.85
27 15 23 00-0064		50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0053)*		
27 15 23 00-0065	MLF	2-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,306.97	461.86
27 15 23 00-0066	MLF	4-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,791.64	461.86
27 15 23 00-0067	MLF	6-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,590.75	461.86
27 15 23 00-0068	MLF	8-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,778.46	461.86
27 15 23 00-0069	MLF	12-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,271.67	461.86
27 15 23 00-0070	MLF	18-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	7,036.66	538.85
27 15 23 00-0071	MLF	24-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	8,816.63	538.85
27 15 23 00-0072	MLF	36-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	10,033.59	538.85
27 15 23 00-0073	MLF	48-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	15,258.35	538.85
27 15 23 00-0074		62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0053)*		
27 15 23 00-0075	MLF	2-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,383.83	461.86
27 15 23 00-0076	MLF	4-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,892.74	461.86
27 15 23 00-0077	MLF	6-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,731.80	461.86
27 15 23 00-0078	MLF	8-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,978.89	461.86
27 15 23 00-0079	MLF	12-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,496.77	461.86

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0080	MLF	18-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	7,343.59	538.85
27 15 23 00-0081	MLF	24-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	9,212.56	538.85
27 15 23 00-0082	MLF	36-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	10,490.37	538.85
27 15 23 00-0083	MLF	48-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	15,976.36	538.85
27 15 23 00-0084		Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0002)*		
27 15 23 00-0085		Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0084)*		
27 15 23 00-0086		Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0085)*		
27 15 23 00-0087	MLF	1-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,079.64	461.86
27 15 23 00-0088	MLF	2-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,084.32	461.86
27 15 23 00-0089	MLF	4-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,329.79	461.86
27 15 23 00-0090	MLF	6-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,358.51	461.86
		For Aluminum Armored Cable, Add	*975.69*	
		For Steel Armored Cable, Add	*5,370.90*	
27 15 23 00-0091	MLF	8-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,503.11	461.86
27 15 23 00-0092	MLF	12-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,530.16	461.86
		For Aluminum Armored Cable, Add	*1,021.93*	
		For Steel Armored Cable, Add	*5,764.99*	
27 15 23 00-0093	MLF	18-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,376.95	538.85
27 15 23 00-0094	MLF	24-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,306.53	538.85
		For Aluminum Armored Cable With Sub-Units, Add	*927.38*	
		For Steel Armored Cable, Add	*6,052.59*	
27 15 23 00-0095	MLF	36-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,767.02	538.85
27 15 23 00-0096	MLF	48-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,940.34	538.85
		For Aluminum Armored Cable With Sub-Units, Add	*1,421.87*	
		For Steel Armored Cable, Add	*7,569.86*	
27 15 23 00-0097	MLF	60-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	8,350.82	538.85
27 15 23 00-0098	MLF	72-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	9,856.77	538.85
27 15 23 00-0099	MLF	96-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	12,986.44	538.85
27 15 23 00-0100		50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0085)*		
27 15 23 00-0101	MLF	1-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,100.60	461.86
27 15 23 00-0102	MLF	2-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,544.48	461.86
27 15 23 00-0103	MLF	4-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,019.07	461.86
27 15 23 00-0104	MLF	6-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,503.17	461.86
		For Aluminum Armored Cable, Add	*153.66*	
		For Steel Armored Cable, Add	*505.83*	
27 15 23 00-0105	MLF	8-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,967.04	461.86
27 15 23 00-0106	MLF	12-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,370.07	461.86
		For Aluminum Armored Cable, Add	*40.15*	
		For Steel Armored Cable, Add	*439.92*	
27 15 23 00-0107	MLF	18-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,291.62	538.85
27 15 23 00-0108	MLF	24-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	7,733.99	538.85
		For Aluminum Armored Cable With Sub-Units, Add	*2,030.76*	
		For Steel Armored Cable, Add	*4,736.32*	
27 15 23 00-0109	MLF	36-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	11,151.95	538.85
27 15 23 00-0110	MLF	48-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	14,569.91	538.85
		For Aluminum Armored Cable With Sub-Units, Add	*6,030.26*	
27 15 23 00-0111	MLF	60-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	17,987.87	538.85
27 15 23 00-0112	MLF	72-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	21,405.83	538.85
27 15 23 00-0113	MLF	96-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	28,266.16	538.85
		For Aluminum Armored Cable With Sub-Units, Add	*12,060.52*	
27 15 23 00-0114		62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0085)*		
27 15 23 00-0115	MLF	1-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,117.14	461.86

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0116	MLF	2-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,583.22	461.86
27 15 23 00-0117	MLF	4-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,081.53	461.86
27 15 23 00-0118	MLF	6-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,589.84	461.86
27 15 23 00-0119	MLF	8-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,076.90	461.86
27 15 23 00-0120	MLF	12-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,500.08	461.86
27 15 23 00-0121	MLF	18-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,461.29	538.85
27 15 23 00-0122	MLF	24-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	8,075.79	538.85
27 15 23 00-0123	MLF	36-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	11,664.64	538.85
27 15 23 00-0124	MLF	48-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	15,253.50	538.85
27 15 23 00-0125	MLF	60-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	18,842.36	538.85
27 15 23 00-0126	MLF	72-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	22,431.22	538.85
27 15 23 00-0127	MLF	96-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	29,634.57	538.85

27 15 23 00-0128 Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0084)*

27 15 23 00-0129 Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0128)*

27 15 23 00-0130	MLF	2-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,982.70	461.86
27 15 23 00-0131	MLF	4-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,401.22	461.86
27 15 23 00-0132	MLF	6-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,407.36	461.86
27 15 23 00-0133	MLF	8-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,393.41	461.86
27 15 23 00-0134	MLF	12-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,967.12	461.86
27 15 23 00-0135	MLF	18-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	9,910.31	538.85
27 15 23 00-0136	MLF	24-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	14,243.91	538.85
27 15 23 00-0137	MLF	36-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	17,208.43	538.85
27 15 23 00-0138	MLF	48-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	21,445.11	538.85

27 15 23 00-0139 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0128)*

27 15 23 00-0140	MLF	2-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,148.89	461.86
27 15 23 00-0141	MLF	4-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,427.72	461.86
27 15 23 00-0142	MLF	6-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	8,710.38	461.86
27 15 23 00-0143	MLF	8-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	9,873.76	461.86
27 15 23 00-0144	MLF	12-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	11,678.52	461.86
27 15 23 00-0145	MLF	18-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	15,985.92	538.85
27 15 23 00-0146	MLF	24-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	18,777.44	538.85
27 15 23 00-0147	MLF	36-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	20,715.62	538.85
27 15 23 00-0148	MLF	48-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	33,124.55	538.85

27 15 23 00-0149 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0128)*

27 15 23 00-0150	MLF	2-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,367.85	461.86
27 15 23 00-0151	MLF	4-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,710.62	461.86
27 15 23 00-0152	MLF	6-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	9,107.41	461.86
27 15 23 00-0153	MLF	8-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	10,328.96	461.86
27 15 23 00-0154	MLF	12-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	12,223.95	461.86
27 15 23 00-0155	MLF	18-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	16,740.31	538.85
27 15 23 00-0156	MLF	24-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	19,671.41	538.85
27 15 23 00-0157	MLF	36-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	21,706.50	538.85

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0158	MLF	48-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	34,735.87	538.85

27 15 23 00-0159 Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0001)*

Note: For non-conduit installations such as cable trays, surface runways, etc.

27 15 23 00-0160 Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0159)*

27 15 23 00-0161 Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0160)*

27 15 23 00-0162 Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0161)*

27 15 23 00-0163	MLF	1-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,332.41	615.82
		For Work In Restricted Working Space, Add	*307.91*	
27 15 23 00-0164	MLF	2-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,424.65	615.82
		For Work In Restricted Working Space, Add	*307.91*	
27 15 23 00-0165	MLF	4-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,455.44	615.82
		For Work In Restricted Working Space, Add	*307.91*	
27 15 23 00-0166	MLF	6-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,565.12	615.82
		For Aluminum Armored Cable, Add	*836.29*	
		For Steel Armored Cable, Add	*1,656.58*	
		For Work In Restricted Working Space, Add	*307.91*	
27 15 23 00-0167	MLF	8-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,596.56	615.82
		For Work In Restricted Working Space, Add	*307.91*	
27 15 23 00-0168	MLF	12-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,786.64	615.82
		For Aluminum Armored Cable, Add	*884.22*	
		For Steel Armored Cable, Add	*1,743.68*	
		For Work In Restricted Working Space, Add	*307.91*	
27 15 23 00-0169	MLF	18-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,834.94	692.80
		For Work In Restricted Working Space, Add	*346.40*	
27 15 23 00-0170	MLF	24-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,850.29	692.80
		For Aluminum Armored Cable With Sub-Units, Add	*1,742.52*	
		For Steel Armored Cable, Add	*2,401.69*	
		For Work In Restricted Working Space, Add	*346.40*	
27 15 23 00-0171	MLF	36-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,621.95	692.80
		For Aluminum Armored Cable With Sub-Units, Add	*1,836.94*	
		For Steel Armored Cable, Add	*2,219.85*	
		For Work In Restricted Working Space, Add	*346.40*	
27 15 23 00-0172	MLF	48-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,771.62	692.80
		For Aluminum Armored Cable With Sub-Units, Add	*1,927.32*	
		For Steel Armored Cable, Add	*2,324.45*	
		For Work In Restricted Working Space, Add	*346.40*	
27 15 23 00-0173	MLF	60-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,715.42	692.80
		For Work In Restricted Working Space, Add	*346.40*	
27 15 23 00-0174	MLF	72-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,966.41	692.80
		For Work In Restricted Working Space, Add	*346.40*	
27 15 23 00-0175	MLF	96-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	7,286.60	692.80
		For Work In Restricted Working Space, Add	*346.40*	
27 15 23 00-0176	MLF	120-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	9,684.36	769.78
		For Work In Restricted Working Space, Add	*384.89*	
27 15 23 00-0177	MLF	144-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	11,484.66	769.78
		For Work In Restricted Working Space, Add	*384.89*	

27 15 23 00-0178 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0161)*

27 15 23 00-0179	MLF	1-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,358.97	615.82
		For Work In Restricted Working Space, Add	*307.91*	
27 15 23 00-0180	MLF	2-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,480.44	615.82
		For Work In Restricted Working Space, Add	*307.91*	
27 15 23 00-0181	MLF	4-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,750.05	615.82
		For Work In Restricted Working Space, Add	*307.91*	
27 15 23 00-0182	MLF	6-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,033.85	615.82
		For Aluminum Armored Cable, Add	*876.82*	
		For Steel Armored Cable, Add	*1,165.21*	
		For Work In Restricted Working Space, Add	*307.91*	
27 15 23 00-0183	MLF	8-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,303.46	615.82
		For Work In Restricted Working Space, Add	*307.91*	
27 15 23 00-0184	MLF	12-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,856.87	615.82
		For Aluminum Armored Cable, Add	*833.93*	
		For Steel Armored Cable, Add	*1,209.69*	
		For Work In Restricted Working Space, Add	*307.91*	
27 15 23 00-0185	MLF	18-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,127.07	692.80
		For Work In Restricted Working Space, Add	*346.40*	
27 15 23 00-0186	MLF	24-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,127.86	692.80
		For Aluminum Armored Cable With Sub-Units, Add	*912.06*	
		For Steel Armored Cable, Add	*912.06*	
		For Work In Restricted Working Space, Add	*346.40*	
27 15 23 00-0187	MLF	36-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	7,114.46	692.80
		For Work In Restricted Working Space, Add	*346.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0188	MLF	48-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	9,101.06	692.80
		For Aluminum Armored Cable With Sub-Units, Add	*1,627.59*	
		For Work In Restricted Working Space, Add	*346.40*	
27 15 23 00-0189	MLF	60-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	11,087.66	692.80
		For Work In Restricted Working Space, Add	*346.40*	
27 15 23 00-0190	MLF	72-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	13,074.26	692.80
		For Work In Restricted Working Space, Add	*346.40*	
27 15 23 00-0191	MLF	96-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	17,061.65	692.80
		For Aluminum Armored Cable With Sub-Units, Add	*7,009.86*	
		For Work In Restricted Working Space, Add	*346.40*	
27 15 23 00-0192	MLF	120-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	21,163.15	769.78
		For Work In Restricted Working Space, Add	*384.89*	
27 15 23 00-0193	MLF	144-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	25,136.35	769.78
		For Work In Restricted Working Space, Add	*384.89*	

27 15 23 00-0194 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0161)*

27 15 23 00-0195	MLF	1-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,375.60	615.82
		For Work In Restricted Working Space, Add	*307.91*	
27 15 23 00-0196	MLF	2-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,503.14	615.82
		For Work In Restricted Working Space, Add	*307.91*	
27 15 23 00-0197	MLF	4-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,786.23	615.82
		For Work In Restricted Working Space, Add	*307.91*	
27 15 23 00-0198	MLF	6-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,084.22	615.82
		For Work In Restricted Working Space, Add	*307.91*	
27 15 23 00-0199	MLF	8-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,367.32	615.82
		For Work In Restricted Working Space, Add	*307.91*	
27 15 23 00-0200	MLF	12-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,948.40	615.82
		For Work In Restricted Working Space, Add	*307.91*	
27 15 23 00-0201	MLF	18-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,225.69	692.80
		For Work In Restricted Working Space, Add	*346.40*	
27 15 23 00-0202	MLF	24-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,326.52	692.80
		For Work In Restricted Working Space, Add	*346.40*	
27 15 23 00-0203	MLF	36-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	7,412.45	692.80
		For Work In Restricted Working Space, Add	*346.40*	
27 15 23 00-0204	MLF	48-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	9,498.38	692.80
		For Work In Restricted Working Space, Add	*346.40*	
27 15 23 00-0205	MLF	60-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	11,584.31	692.80
		For Work In Restricted Working Space, Add	*346.40*	
27 15 23 00-0206	MLF	72-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	13,670.24	692.80
		For Work In Restricted Working Space, Add	*346.40*	
27 15 23 00-0207	MLF	96-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	17,857.00	692.80
		For Work In Restricted Working Space, Add	*346.40*	
27 15 23 00-0208	MLF	120-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	22,157.16	769.78
		For Work In Restricted Working Space, Add	*384.89*	
27 15 23 00-0209	MLF	144-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	26,329.02	769.78
		For Work In Restricted Working Space, Add	*384.89*	

27 15 23 00-0210 Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0160)*

27 15 23 00-0211 Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0210)*

27 15 23 00-0212	MLF	2-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,187.28	615.82
		For Work In Restricted Working Space, Add	*307.91*	
27 15 23 00-0213	MLF	4-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,531.27	615.82
		For Work In Restricted Working Space, Add	*307.91*	
27 15 23 00-0214	MLF	6-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,288.03	615.82
		For Work In Restricted Working Space, Add	*307.91*	
27 15 23 00-0215	MLF	8-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,649.18	615.82
		For Work In Restricted Working Space, Add	*307.91*	
27 15 23 00-0216	MLF	12-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	6,109.60	615.82
		For Work In Restricted Working Space, Add	*307.91*	
27 15 23 00-0217	MLF	18-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	6,443.34	692.80
		For Work In Restricted Working Space, Add	*346.40*	

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	MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0218	MLF 24-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	8,028.52	692.80
	For Work In Restricted Working Space, Add	*346.40*	
27 15 23 00-0219	MLF 36-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	11,173.04	692.80
	For Work In Restricted Working Space, Add	*346.40*	
27 15 23 00-0220	MLF 48-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	13,623.91	692.80
	For Work In Restricted Working Space, Add	*346.40*	
27 15 23 00-0221	50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0210)*		
27 15 23 00-0222	MLF 2-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,563.55	615.82
	For Work In Restricted Working Space, Add	*307.91*	
27 15 23 00-0223	MLF 4-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,048.22	615.82
	For Work In Restricted Working Space, Add	*307.91*	
27 15 23 00-0224	MLF 6-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,847.33	615.82
	For Work In Restricted Working Space, Add	*307.91*	
27 15 23 00-0225	MLF 8-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,035.04	615.82
	For Work In Restricted Working Space, Add	*307.91*	
27 15 23 00-0226	MLF 12-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,528.25	615.82
	For Work In Restricted Working Space, Add	*307.91*	
27 15 23 00-0227	MLF 18-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	7,293.25	692.80
	For Work In Restricted Working Space, Add	*346.40*	
27 15 23 00-0228	MLF 24-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	9,073.22	692.80
	For Work In Restricted Working Space, Add	*346.40*	
27 15 23 00-0229	MLF 36-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	10,290.18	692.80
	For Work In Restricted Working Space, Add	*346.40*	
27 15 23 00-0230	MLF 48-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	15,514.94	692.80
	For Work In Restricted Working Space, Add	*346.40*	
27 15 23 00-0231	62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0210)*		
27 15 23 00-0232	MLF 2-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,640.41	615.82
	For Work In Restricted Working Space, Add	*307.91*	
27 15 23 00-0233	MLF 4-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,149.32	615.82
	For Work In Restricted Working Space, Add	*307.91*	
27 15 23 00-0234	MLF 6-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,988.38	615.82
	For Work In Restricted Working Space, Add	*307.91*	
27 15 23 00-0235	MLF 8-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,235.47	615.82
	For Work In Restricted Working Space, Add	*307.91*	
27 15 23 00-0236	MLF 12-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,753.35	615.82
	For Work In Restricted Working Space, Add	*307.91*	
27 15 23 00-0237	MLF 18-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	7,600.18	692.80
	For Work In Restricted Working Space, Add	*346.40*	
27 15 23 00-0238	MLF 24-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	9,469.15	692.80
	For Work In Restricted Working Space, Add	*346.40*	
27 15 23 00-0239	MLF 36-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	10,746.96	692.80
	For Work In Restricted Working Space, Add	*346.40*	
27 15 23 00-0240	MLF 48-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	16,232.95	692.80
	For Work In Restricted Working Space, Add	*346.40*	
27 15 23 00-0241	Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0159)*		
27 15 23 00-0242	Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0241)*		
27 15 23 00-0243	Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0242)*		
27 15 23 00-0244	MLF 1-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,336.22	615.82
	For Work In Restricted Working Space, Add	*307.91*	
27 15 23 00-0245	MLF 2-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,340.90	615.82
	For Work In Restricted Working Space, Add	*307.91*	
27 15 23 00-0246	MLF 4-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,586.37	615.82
	For Work In Restricted Working Space, Add	*307.91*	
27 15 23 00-0247	MLF 6-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,615.09	615.82
	For Aluminum Armored Cable, Add	*975.69*	
	For Steel Armored Cable, Add	*5,370.90*	
	For Work In Restricted Working Space, Add	*307.91*	
27 15 23 00-0248	MLF 8-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,759.69	615.82
	For Work In Restricted Working Space, Add	*307.91*	
27 15 23 00-0249	MLF 12-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,786.74	615.82
	For Aluminum Armored Cable, Add	*1,021.93*	
	For Steel Armored Cable, Add	*5,764.99*	
	For Work In Restricted Working Space, Add	*307.91*	
27 15 23 00-0250	MLF 18-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,633.54	692.80
	For Work In Restricted Working Space, Add	*346.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0251	MLF	24-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,563.12	692.80
		For Aluminum Armored Cable With Sub-Units, Add	*927.38*	
		For Steel Armored Cable, Add	*6,052.59*	
		For Work In Restricted Working Space, Add	*346.40*	
27 15 23 00-0252	MLF	36-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	7,023.61	692.80
		For Work In Restricted Working Space, Add	*346.40*	
27 15 23 00-0253	MLF	48-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	7,196.93	692.80
		For Aluminum Armored Cable With Sub-Units, Add	*1,421.87*	
		For Steel Armored Cable, Add	*7,569.86*	
		For Work In Restricted Working Space, Add	*346.40*	
27 15 23 00-0254	MLF	60-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	8,607.41	692.80
		For Work In Restricted Working Space, Add	*346.40*	
27 15 23 00-0255	MLF	72-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	10,113.36	692.80
		For Work In Restricted Working Space, Add	*346.40*	
27 15 23 00-0256	MLF	96-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	13,243.03	692.80
		For Work In Restricted Working Space, Add	*346.40*	

27 15 23 00-0257 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0242)*

27 15 23 00-0258	MLF	1-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,357.18	615.82
		For Work In Restricted Working Space, Add	*307.91*	
27 15 23 00-0259	MLF	2-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,801.06	615.82
		For Work In Restricted Working Space, Add	*307.91*	
27 15 23 00-0260	MLF	4-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,275.65	615.82
		For Work In Restricted Working Space, Add	*307.91*	
27 15 23 00-0261	MLF	6-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,759.75	615.82
		For Aluminum Armored Cable, Add	*153.66*	
		For Steel Armored Cable, Add	*505.83*	
		For Work In Restricted Working Space, Add	*307.91*	
27 15 23 00-0262	MLF	8-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,223.62	615.82
		For Work In Restricted Working Space, Add	*307.91*	
27 15 23 00-0263	MLF	12-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,626.65	615.82
		For Aluminum Armored Cable, Add	*40.15*	
		For Steel Armored Cable, Add	*439.92*	
		For Work In Restricted Working Space, Add	*307.91*	
27 15 23 00-0264	MLF	18-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,548.21	692.80
		For Work In Restricted Working Space, Add	*346.40*	
27 15 23 00-0265	MLF	24-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	7,990.58	692.80
		For Aluminum Armored Cable With Sub-Units, Add	*2,030.76*	
		For Steel Armored Cable, Add	*4,736.32*	
		For Work In Restricted Working Space, Add	*346.40*	
27 15 23 00-0266	MLF	36-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	11,408.54	692.80
		For Work In Restricted Working Space, Add	*346.40*	
27 15 23 00-0267	MLF	48-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	14,826.50	692.80
		For Aluminum Armored Cable With Sub-Units, Add	*6,030.26*	
		For Work In Restricted Working Space, Add	*346.40*	
27 15 23 00-0268	MLF	60-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	18,244.46	692.80
		For Work In Restricted Working Space, Add	*346.40*	
27 15 23 00-0269	MLF	72-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	21,662.42	692.80
		For Work In Restricted Working Space, Add	*346.40*	
		For Work In Restricted Working Space, Add	*346.40*	
27 15 23 00-0270	MLF	96-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	28,522.75	692.80
		For Work In Restricted Working Space, Add	*346.40*	
		For Aluminum Armored Cable With Sub-Units, Add	*12,060.52*	
		For Work In Restricted Working Space, Add	*346.40*	

27 15 23 00-0271 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0242)*

27 15 23 00-0272	MLF	1-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,373.72	615.82
		For Work In Restricted Working Space, Add	*307.91*	
27 15 23 00-0273	MLF	2-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,839.80	615.82
		For Work In Restricted Working Space, Add	*307.91*	
27 15 23 00-0274	MLF	4-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,338.11	615.82
		For Work In Restricted Working Space, Add	*307.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0275	MLF	6-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,846.42	615.82
		For Work In Restricted Working Space, Add	*307.91*	
27 15 23 00-0276	MLF	8-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,333.48	615.82
		For Work In Restricted Working Space, Add	*307.91*	
27 15 23 00-0277	MLF	12-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,756.66	615.82
		For Work In Restricted Working Space, Add	*307.91*	
27 15 23 00-0278	MLF	18-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,717.88	692.80
		For Work In Restricted Working Space, Add	*346.40*	
27 15 23 00-0279	MLF	24-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	8,332.38	692.80
		For Work In Restricted Working Space, Add	*346.40*	
27 15 23 00-0280	MLF	36-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	11,921.23	692.80
		For Work In Restricted Working Space, Add	*346.40*	
27 15 23 00-0281	MLF	48-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	15,510.09	692.80
		For Work In Restricted Working Space, Add	*346.40*	
27 15 23 00-0282	MLF	60-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	19,098.95	692.80
		For Work In Restricted Working Space, Add	*346.40*	
27 15 23 00-0283	MLF	72-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	22,687.81	692.80
		For Work In Restricted Working Space, Add	*346.40*	
27 15 23 00-0284	MLF	96-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	29,891.16	692.80
		For Work In Restricted Working Space, Add	*346.40*	

27 15 23 00-0285 Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0241)*

27 15 23 00-0286 Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0285)*

27 15 23 00-0287	MLF	2-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,239.28	615.82
		For Work In Restricted Working Space, Add	*307.91*	
27 15 23 00-0288	MLF	4-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,657.80	615.82
		For Work In Restricted Working Space, Add	*307.91*	
27 15 23 00-0289	MLF	6-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,663.94	615.82
		For Work In Restricted Working Space, Add	*307.91*	
27 15 23 00-0290	MLF	8-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,649.99	615.82
		For Work In Restricted Working Space, Add	*307.91*	
27 15 23 00-0291	MLF	12-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	7,223.70	615.82
		For Work In Restricted Working Space, Add	*307.91*	
27 15 23 00-0292	MLF	18-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	10,166.90	692.80
		For Work In Restricted Working Space, Add	*346.40*	
27 15 23 00-0293	MLF	24-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	14,500.50	692.80
		For Work In Restricted Working Space, Add	*346.40*	
27 15 23 00-0294	MLF	36-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	17,465.02	692.80
		For Work In Restricted Working Space, Add	*346.40*	
27 15 23 00-0295	MLF	48-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	21,701.70	692.80
		For Work In Restricted Working Space, Add	*346.40*	

27 15 23 00-0296 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0285)*

27 15 23 00-0297	MLF	2-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,405.47	615.82
		For Work In Restricted Working Space, Add	*307.91*	
27 15 23 00-0298	MLF	4-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	6,684.30	615.82
		For Work In Restricted Working Space, Add	*307.91*	
27 15 23 00-0299	MLF	6-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	8,966.96	615.82
		For Work In Restricted Working Space, Add	*307.91*	
27 15 23 00-0300	MLF	8-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	10,130.34	615.82
		For Work In Restricted Working Space, Add	*307.91*	
27 15 23 00-0301	MLF	12-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	11,935.10	615.82
		For Work In Restricted Working Space, Add	*307.91*	
27 15 23 00-0302	MLF	18-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	16,242.51	692.80
		For Work In Restricted Working Space, Add	*346.40*	
27 15 23 00-0303	MLF	24-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	19,034.03	692.80
		For Work In Restricted Working Space, Add	*346.40*	
27 15 23 00-0304	MLF	36-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	20,972.21	692.80
		For Work In Restricted Working Space, Add	*346.40*	
27 15 23 00-0305	MLF	48-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	33,381.14	692.80
		For Work In Restricted Working Space, Add	*346.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0306		62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0285)*		
27 15 23 00-0307	MLF	2-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,624.43	615.82
		For Work In Restricted Working Space, Add	*307.91*	
27 15 23 00-0308	MLF	4-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	6,967.20	615.82
		For Work In Restricted Working Space, Add	*307.91*	
27 15 23 00-0309	MLF	6-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	9,363.99	615.82
		For Work In Restricted Working Space, Add	*307.91*	
27 15 23 00-0310	MLF	8-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	10,585.54	615.82
		For Work In Restricted Working Space, Add	*307.91*	
27 15 23 00-0311	MLF	12-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	12,480.53	615.82
		For Work In Restricted Working Space, Add	*307.91*	
27 15 23 00-0312	MLF	18-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	16,996.90	692.80
		For Work In Restricted Working Space, Add	*346.40*	
27 15 23 00-0313	MLF	24-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	19,928.00	692.80
		For Work In Restricted Working Space, Add	*346.40*	
27 15 23 00-0314	MLF	36-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	21,963.09	692.80
		For Work In Restricted Working Space, Add	*346.40*	
27 15 23 00-0315	MLF	48-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	34,992.46	692.80
		For Work In Restricted Working Space, Add	*346.40*	
27 15 23 00-0316		Hybrid, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0001)* Note: Singlemode and multimode combination cable. Excludes conduit or innerduct.		
27 15 23 00-0317		Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0316)*		
27 15 23 00-0318	MLF	6-Fiber, 2 Singlemode/4 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	1,519.38	461.86
27 15 23 00-0319	MLF	12-Fiber, 6 Singlemode/6 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	2,533.17	461.86
27 15 23 00-0320	MLF	24-Fiber, 12 Singlemode/12 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	5,783.08	538.85
27 15 23 00-0321	MLF	48-Fiber, 24 Singlemode/24 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	9,077.69	538.85
27 15 23 00-0322		Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0316)*		
27 15 23 00-0323	MLF	6-Fiber, 2 Singlemode/4 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	1,799.84	461.86
27 15 23 00-0324	MLF	12-Fiber, 6 Singlemode/6 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	2,572.64	461.86
27 15 23 00-0325	MLF	24-Fiber, 12 Singlemode/12 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	6,851.45	538.85
27 15 23 00-0326	MLF	48-Fiber, 24 Singlemode/24 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	11,769.83	538.85
27 15 23 00-0327		Hybrid, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0001)* Note: Singlemode and multimode combination cable. For non-conduit installations such as cable trays, surface runways, etc.		
27 15 23 00-0328		Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0327)*		
27 15 23 00-0329	MLF	6-Fiber, 2 Singlemode/4 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	1,775.96	615.82
		For Work In Restricted Working Space, Add	*307.91*	
27 15 23 00-0330	MLF	12-Fiber, 6 Singlemode/6 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	2,789.75	615.82
		For Work In Restricted Working Space, Add	*307.91*	
27 15 23 00-0331	MLF	24-Fiber, 12 Singlemode/12 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	6,039.67	692.80
		For Work In Restricted Working Space, Add	*346.40*	
27 15 23 00-0332	MLF	48-Fiber, 24 Singlemode/24 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	9,334.28	692.80
		For Work In Restricted Working Space, Add	*346.40*	
27 15 23 00-0333		Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0327)*		
27 15 23 00-0334	MLF	6-Fiber, 2 Singlemode/4 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	2,056.42	615.82
		For Work In Restricted Working Space, Add	*307.91*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0335	MLF	12-Fiber, 6 Singlemode/6 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	2,829.22	615.82
		For Work In Restricted Working Space, Add	*307.91*	
27 15 23 00-0336	MLF	24-Fiber, 12 Singlemode/12 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	7,108.04	692.80
		For Work In Restricted Working Space, Add	*346.40*	
27 15 23 00-0337	MLF	48-Fiber, 24 Singlemode/24 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	12,026.42	692.80
		For Work In Restricted Working Space, Add	*346.40*	

27 15 23 00-0338 Outdoor Fiber Optic Cable *(27 15 23)*

Note: Cable buried in trench excludes excavation.

27 15 23 00-0339 Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0338)*

Note: Excludes conduit or innerduct.

27 15 23 00-0340 Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0339)*

27 15 23 00-0341 Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0340)*

27 15 23 00-0342	MLF	2-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,088.83	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*268.30*	
27 15 23 00-0343	MLF	4-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,122.24	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*270.53*	
27 15 23 00-0344	MLF	6-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,155.68	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*272.67*	
27 15 23 00-0345	MLF	8-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,189.11	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*275.29*	
27 15 23 00-0346	MLF	12-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,255.53	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*249.10*	
27 15 23 00-0347	MLF	18-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,391.39	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*277.53*	
27 15 23 00-0348	MLF	24-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,461.23	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*218.48*	
27 15 23 00-0349	MLF	36-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,482.78	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*255.38*	
27 15 23 00-0350	MLF	48-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,882.47	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*280.95*	
27 15 23 00-0351	MLF	60-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,102.82	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*280.93*	
27 15 23 00-0352	MLF	72-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,388.72	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*332.04*	
27 15 23 00-0353	MLF	96-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,892.04	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*318.79*	
27 15 23 00-0354	MLF	120-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	4,441.98	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*387.10*	
27 15 23 00-0355	MLF	144-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	5,017.55	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*259.12*	

27 15 23 00-0356 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0340)*

27 15 23 00-0357	MLF	2-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,922.31	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*-4.02*	
27 15 23 00-0358	MLF	4-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,000.80	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*41.21*	
27 15 23 00-0359	MLF	6-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,165.23	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*106.57*	
27 15 23 00-0360	MLF	8-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,389.46	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*-64.62*	
27 15 23 00-0361	MLF	12-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,482.89	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*-34.32*	
27 15 23 00-0362	MLF	18-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,800.56	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*-16.15*	
27 15 23 00-0363	MLF	24-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	4,473.25	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*-87.85*	
27 15 23 00-0364	MLF	36-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	5,463.61	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*0.01*	
27 15 23 00-0365	MLF	48-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	6,566.08	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*-200.97*	
27 15 23 00-0366	MLF	60-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	7,332.21	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*-100.97*	
27 15 23 00-0367	MLF	72-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	8,322.57	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*464.14*	
27 15 23 00-0368	MLF	96-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	10,620.95	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*-208.04*	
27 15 23 00-0369	MLF	120-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	12,900.64	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*-278.22*	
27 15 23 00-0370	MLF	144-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	15,180.33	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*-330.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0371		62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0340)*		
27 15 23 00-0372	MLF	2-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,857.06	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*114.74*	
27 15 23 00-0373	MLF	4-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,967.37	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*123.04*	
27 15 23 00-0374	MLF	6-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,077.52	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*131.15*	
27 15 23 00-0375	MLF	8-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,213.58	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*149.30*	
27 15 23 00-0376	MLF	12-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,408.45	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*155.69*	
27 15 23 00-0377	MLF	18-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,752.96	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*165.93*	
27 15 23 00-0378	MLF	24-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,079.31	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*190.82*	
27 15 23 00-0379	MLF	36-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,703.90	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*212.05*	
27 15 23 00-0380	MLF	48-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	4,434.44	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*243.81*	
27 15 23 00-0381	MLF	60-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	5,109.20	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*262.35*	
27 15 23 00-0382	MLF	72-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	5,821.37	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*296.94*	
27 15 23 00-0383	MLF	96-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	7,261.76	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*333.87*	
27 15 23 00-0384	MLF	120-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	8,725.27	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*378.90*	
27 15 23 00-0385	MLF	144-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	10,211.37	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*348.05*	
27 15 23 00-0386		Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0339)*		
27 15 23 00-0387		Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0386)*		
27 15 23 00-0388	MLF	2-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,280.12	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*212.03*	
27 15 23 00-0389	MLF	4-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,345.26	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*304.32*	
27 15 23 00-0390	MLF	6-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,364.81	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*291.65*	
27 15 23 00-0391	MLF	8-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,442.83	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*242.79*	
27 15 23 00-0392	MLF	12-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,467.18	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*290.17*	
27 15 23 00-0393	MLF	18-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,576.53	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*275.21*	
27 15 23 00-0394	MLF	24-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,674.58	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*278.47*	
27 15 23 00-0395	MLF	36-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,830.99	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*353.13*	
27 15 23 00-0396	MLF	48-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,051.35	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*357.74*	
27 15 23 00-0397	MLF	60-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,270.85	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*370.62*	
27 15 23 00-0398	MLF	72-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,568.44	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*318.80*	
27 15 23 00-0399	MLF	96-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	4,049.80	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*415.76*	
27 15 23 00-0400	MLF	120-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	4,679.56	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*409.39*	
27 15 23 00-0401	MLF	144-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	5,194.90	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*327.02*	
27 15 23 00-0402		50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0386)*		
27 15 23 00-0403	MLF	2-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,499.71	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*300.05*	
27 15 23 00-0404	MLF	4-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,727.75	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*168.03*	
27 15 23 00-0405	MLF	6-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,027.80	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*36.01*	
27 15 23 00-0406	MLF	8-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,171.82	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*60.01*	
27 15 23 00-0407	MLF	12-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,315.85	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*60.01*	
27 15 23 00-0408	MLF	18-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,651.90	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*72.01*	
27 15 23 00-0409	MLF	24-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,951.95	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*276.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0410	MLF	36-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	4,600.06	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*540.09*	
27 15 23 00-0411	MLF	48-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	5,248.17	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*900.15*	
27 15 23 00-0412	MLF	60-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	5,788.26	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*990.16*	
27 15 23 00-0413	MLF	72-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	6,496.38	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*1,260.21*	
27 15 23 00-0414	MLF	96-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	7,972.62	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*1,860.31*	
27 15 23 00-0415	MLF	120-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	8,716.75	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*1,404.23*	
27 15 23 00-0416	MLF	144-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	10,625.06	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*3,420.57*	

27 15 23 00-0417 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0386)*

27 15 23 00-0418	MLF	2-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,931.55	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*144.02*	
27 15 23 00-0419	MLF	4-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,039.57	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*155.69*	
27 15 23 00-0420	MLF	6-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,147.41	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*167.34*	
27 15 23 00-0421	MLF	8-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,255.42	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*178.98*	
27 15 23 00-0422	MLF	12-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,535.24	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*192.51*	
27 15 23 00-0423	MLF	18-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,809.62	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*225.59*	
27 15 23 00-0424	MLF	24-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,145.83	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*245.03*	
27 15 23 00-0425	MLF	36-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,796.59	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*302.75*	
27 15 23 00-0426	MLF	48-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	4,459.52	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*346.87*	
27 15 23 00-0427	MLF	60-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	5,124.73	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*386.26*	
27 15 23 00-0428	MLF	72-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	5,824.19	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*430.74*	
27 15 23 00-0429	MLF	96-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	7,243.58	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*507.90*	
27 15 23 00-0430	MLF	120-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	9,075.61	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*525.04*	
27 15 23 00-0431	MLF	144-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	10,149.24	923.73
		For Corrugated Coated Steel Tape Armored Cable, Add	*542.01*	

27 15 23 00-0432 Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0338)*

Note: Excludes trenching.

27 15 23 00-0433 Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0432)*

27 15 23 00-0434 Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0433)*

27 15 23 00-0435	MLF	2-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,960.54	
		For Corrugated Coated Steel Tape Armored Cable, Add	*268.30*	
27 15 23 00-0436	MLF	4-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,993.95	
		For Corrugated Coated Steel Tape Armored Cable, Add	*270.53*	
27 15 23 00-0437	MLF	6-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,027.39	
		For Corrugated Coated Steel Tape Armored Cable, Add	*272.67*	
27 15 23 00-0438	MLF	8-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,060.82	
		For Corrugated Coated Steel Tape Armored Cable, Add	*275.29*	
27 15 23 00-0439	MLF	12-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,127.24	
		For Corrugated Coated Steel Tape Armored Cable, Add	*249.10*	
27 15 23 00-0440	MLF	18-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,263.10	
		For Corrugated Coated Steel Tape Armored Cable, Add	*277.53*	
27 15 23 00-0441	MLF	24-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,332.94	
		For Corrugated Coated Steel Tape Armored Cable, Add	*218.48*	
27 15 23 00-0442	MLF	36-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,354.49	
		For Corrugated Coated Steel Tape Armored Cable, Add	*255.38*	
27 15 23 00-0443	MLF	48-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,754.18	
		For Corrugated Coated Steel Tape Armored Cable, Add	*280.95*	
27 15 23 00-0444	MLF	60-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,255.46	
		For Corrugated Coated Steel Tape Armored Cable, Add	*280.93*	
27 15 23 00-0445	MLF	72-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,592.47	
		For Corrugated Coated Steel Tape Armored Cable, Add	*332.04*	
27 15 23 00-0446	MLF	96-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,763.75	
		For Corrugated Coated Steel Tape Armored Cable, Add	*318.79*	
27 15 23 00-0447	MLF	120-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,313.69	
		For Corrugated Coated Steel Tape Armored Cable, Add	*387.10*	
27 15 23 00-0448	MLF	144-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,889.26	
		For Corrugated Coated Steel Tape Armored Cable, Add	*259.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

27 15 23 00-0449 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0433)*

27 15 23 00-0450	MLF	2-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,794.02	
		For Corrugated Coated Steel Tape Armored Cable, Add	*-4.02*	
27 15 23 00-0451	MLF	4-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,872.51	
		For Corrugated Coated Steel Tape Armored Cable, Add	*41.21*	
27 15 23 00-0452	MLF	6-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,036.94	
		For Corrugated Coated Steel Tape Armored Cable, Add	*106.57*	
27 15 23 00-0453	MLF	8-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,261.17	
		For Corrugated Coated Steel Tape Armored Cable, Add	*-64.62*	
27 15 23 00-0454	MLF	12-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,354.60	
		For Corrugated Coated Steel Tape Armored Cable, Add	*-34.32*	
27 15 23 00-0455	MLF	18-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,672.27	
		For Corrugated Coated Steel Tape Armored Cable, Add	*-16.15*	
27 15 23 00-0456	MLF	24-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,344.96	
		For Corrugated Coated Steel Tape Armored Cable, Add	*-87.85*	
27 15 23 00-0457	MLF	36-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	5,335.32	
		For Corrugated Coated Steel Tape Armored Cable, Add	*0.01*	
27 15 23 00-0458	MLF	48-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	6,437.79	
		For Corrugated Coated Steel Tape Armored Cable, Add	*-200.97*	
27 15 23 00-0459	MLF	60-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	7,203.92	
		For Corrugated Coated Steel Tape Armored Cable, Add	*-100.97*	
27 15 23 00-0460	MLF	72-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	8,194.28	
		For Corrugated Coated Steel Tape Armored Cable, Add	*464.14*	
27 15 23 00-0461	MLF	96-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	10,492.66	
		For Corrugated Coated Steel Tape Armored Cable, Add	*-208.04*	
27 15 23 00-0462	MLF	120-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	12,772.35	
		For Corrugated Coated Steel Tape Armored Cable, Add	*-278.22*	
27 15 23 00-0463	MLF	144-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	15,052.04	
		For Corrugated Coated Steel Tape Armored Cable, Add	*-330.75*	

27 15 23 00-0464 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0433)*

27 15 23 00-0465	MLF	2-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,728.77	
		For Corrugated Coated Steel Tape Armored Cable, Add	*114.74*	
27 15 23 00-0466	MLF	4-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,839.08	
		For Corrugated Coated Steel Tape Armored Cable, Add	*123.04*	
27 15 23 00-0467	MLF	6-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,949.23	
		For Corrugated Coated Steel Tape Armored Cable, Add	*131.15*	
27 15 23 00-0468	MLF	8-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,085.29	
		For Corrugated Coated Steel Tape Armored Cable, Add	*149.30*	
27 15 23 00-0469	MLF	12-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,280.16	
		For Corrugated Coated Steel Tape Armored Cable, Add	*155.69*	
27 15 23 00-0470	MLF	18-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,624.67	
		For Corrugated Coated Steel Tape Armored Cable, Add	*165.93*	
27 15 23 00-0471	MLF	24-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,951.02	
		For Corrugated Coated Steel Tape Armored Cable, Add	*190.82*	
27 15 23 00-0472	MLF	36-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,575.61	
		For Corrugated Coated Steel Tape Armored Cable, Add	*212.05*	
27 15 23 00-0473	MLF	48-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,306.15	
		For Corrugated Coated Steel Tape Armored Cable, Add	*243.81*	
27 15 23 00-0474	MLF	60-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,980.91	
		For Corrugated Coated Steel Tape Armored Cable, Add	*262.35*	
27 15 23 00-0475	MLF	72-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	5,693.08	
		For Corrugated Coated Steel Tape Armored Cable, Add	*296.94*	
27 15 23 00-0476	MLF	96-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	7,133.47	
		For Corrugated Coated Steel Tape Armored Cable, Add	*333.87*	
27 15 23 00-0477	MLF	120-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	8,596.98	
		For Corrugated Coated Steel Tape Armored Cable, Add	*378.90*	
27 15 23 00-0478	MLF	144-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	10,083.08	
		For Corrugated Coated Steel Tape Armored Cable, Add	*348.05*	

27 15 23 00-0479 Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0432)*

27 15 23 00-0480 Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0479)*

27 15 23 00-0481	MLF	2-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,151.83	
		For Corrugated Coated Steel Tape Armored Cable, Add	*212.03*	
27 15 23 00-0482	MLF	4-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,216.97	
		For Corrugated Coated Steel Tape Armored Cable, Add	*304.32*	
27 15 23 00-0483	MLF	6-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,236.52	
		For Corrugated Coated Steel Tape Armored Cable, Add	*291.65*	
27 15 23 00-0484	MLF	8-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,314.54	
		For Corrugated Coated Steel Tape Armored Cable, Add	*242.79*	
27 15 23 00-0485	MLF	12-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,338.89	
		For Corrugated Coated Steel Tape Armored Cable, Add	*290.17*	
27 15 23 00-0486	MLF	18-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,448.24	
		For Corrugated Coated Steel Tape Armored Cable, Add	*275.21*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0487	MLF	24-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,546.29	
		For Corrugated Coated Steel Tape Armored Cable, Add	*278.47*	
27 15 23 00-0488	MLF	36-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,702.70	
		For Corrugated Coated Steel Tape Armored Cable, Add	*353.13*	
27 15 23 00-0489	MLF	48-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,923.06	
		For Corrugated Coated Steel Tape Armored Cable, Add	*357.74*	
27 15 23 00-0490	MLF	60-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,142.56	
		For Corrugated Coated Steel Tape Armored Cable, Add	*370.62*	
27 15 23 00-0491	MLF	72-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,440.15	
		For Corrugated Coated Steel Tape Armored Cable, Add	*318.80*	
27 15 23 00-0492	MLF	96-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,921.51	
		For Corrugated Coated Steel Tape Armored Cable, Add	*415.76*	
27 15 23 00-0493	MLF	120-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,551.27	
		For Corrugated Coated Steel Tape Armored Cable, Add	*409.39*	
27 15 23 00-0494	MLF	144-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	5,066.61	
		For Corrugated Coated Steel Tape Armored Cable, Add	*327.02*	

27 15 23 00-0495 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0479)*

27 15 23 00-0496	MLF	2-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,371.42	
		For Corrugated Coated Steel Tape Armored Cable, Add	*300.05*	
27 15 23 00-0497	MLF	4-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,599.46	
		For Corrugated Coated Steel Tape Armored Cable, Add	*168.03*	
27 15 23 00-0498	MLF	6-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,899.51	
		For Corrugated Coated Steel Tape Armored Cable, Add	*36.01*	
27 15 23 00-0499	MLF	8-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,043.53	
		For Corrugated Coated Steel Tape Armored Cable, Add	*60.01*	
27 15 23 00-0500	MLF	12-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,187.56	
		For Corrugated Coated Steel Tape Armored Cable, Add	*60.01*	
27 15 23 00-0501	MLF	18-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,523.61	
		For Corrugated Coated Steel Tape Armored Cable, Add	*72.01*	
27 15 23 00-0502	MLF	24-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,823.66	
		For Corrugated Coated Steel Tape Armored Cable, Add	*276.05*	
27 15 23 00-0503	MLF	36-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,471.77	
		For Corrugated Coated Steel Tape Armored Cable, Add	*540.09*	
27 15 23 00-0504	MLF	48-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	5,119.88	
		For Corrugated Coated Steel Tape Armored Cable, Add	*900.15*	
27 15 23 00-0505	MLF	60-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	5,659.97	
		For Corrugated Coated Steel Tape Armored Cable, Add	*990.16*	
27 15 23 00-0506	MLF	72-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	6,368.09	
		For Corrugated Coated Steel Tape Armored Cable, Add	*1,260.21*	
27 15 23 00-0507	MLF	96-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	7,844.33	
		For Corrugated Coated Steel Tape Armored Cable, Add	*1,860.31*	
27 15 23 00-0508	MLF	120-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	8,588.46	
		For Corrugated Coated Steel Tape Armored Cable, Add	*1,404.23*	
27 15 23 00-0509	MLF	144-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	10,496.77	
		For Corrugated Coated Steel Tape Armored Cable, Add	*3,420.57*	

27 15 23 00-0510 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0479)*

27 15 23 00-0511	MLF	2-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,803.26	
		For Corrugated Coated Steel Tape Armored Cable, Add	*144.02*	
27 15 23 00-0512	MLF	4-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,911.28	
		For Corrugated Coated Steel Tape Armored Cable, Add	*155.69*	
27 15 23 00-0513	MLF	6-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,019.12	
		For Corrugated Coated Steel Tape Armored Cable, Add	*167.34*	
27 15 23 00-0514	MLF	8-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,127.13	
		For Corrugated Coated Steel Tape Armored Cable, Add	*178.98*	
27 15 23 00-0515	MLF	12-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,406.95	
		For Corrugated Coated Steel Tape Armored Cable, Add	*192.51*	
27 15 23 00-0516	MLF	18-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,681.33	
		For Corrugated Coated Steel Tape Armored Cable, Add	*225.59*	
27 15 23 00-0517	MLF	24-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,017.54	
		For Corrugated Coated Steel Tape Armored Cable, Add	*245.03*	
27 15 23 00-0518	MLF	36-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,668.30	
		For Corrugated Coated Steel Tape Armored Cable, Add	*302.75*	
27 15 23 00-0519	MLF	48-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,331.23	
		For Corrugated Coated Steel Tape Armored Cable, Add	*346.87*	
27 15 23 00-0520	MLF	60-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,996.44	
		For Corrugated Coated Steel Tape Armored Cable, Add	*386.26*	
27 15 23 00-0521	MLF	72-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	5,695.90	
		For Corrugated Coated Steel Tape Armored Cable, Add	*430.74*	
27 15 23 00-0522	MLF	96-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	7,115.29	
		For Corrugated Coated Steel Tape Armored Cable, Add	*507.90*	
27 15 23 00-0523	MLF	120-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	8,627.51	
		For Corrugated Coated Steel Tape Armored Cable, Add	*525.04*	
27 15 23 00-0524	MLF	144-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	10,020.95	
		For Corrugated Coated Steel Tape Armored Cable, Add	*542.01*	

27 15 23 00-0525 (Aerial) Outdoor Fiber Optic Cable, Installed On Poles *(27 15 23 00-0338)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0526		Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles *(27 15 23 00-0525)*		
27 15 23 00-0527		Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles *(27 15 23 00-0526)*		
27 15 23 00-0528	MLF	2-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	9,813.70	3,409.57
		For Corrugated Coated Steel Tape Armored Cable, Add	*179.45*	
27 15 23 00-0529	MLF	4-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	9,846.89	3,409.57
		For Corrugated Coated Steel Tape Armored Cable, Add	*184.10*	
27 15 23 00-0530	MLF	6-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	9,880.52	3,409.57
		For Corrugated Coated Steel Tape Armored Cable, Add	*188.62*	
27 15 23 00-0531	MLF	8-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	9,913.71	3,409.57
		For Corrugated Coated Steel Tape Armored Cable, Add	*185.01*	
27 15 23 00-0532	MLF	12-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	9,980.12	3,409.57
		For Corrugated Coated Steel Tape Armored Cable, Add	*215.69*	
27 15 23 00-0533	MLF	18-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	10,111.25	3,409.57
		For Corrugated Coated Steel Tape Armored Cable, Add	*224.23*	
27 15 23 00-0534	MLF	24-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	10,211.27	3,409.57
		For Corrugated Coated Steel Tape Armored Cable, Add	*247.84*	
27 15 23 00-0535	MLF	36-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	10,449.05	3,409.57
		For Corrugated Coated Steel Tape Armored Cable, Add	*237.64*	
27 15 23 00-0536	MLF	48-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	10,657.00	3,409.57
		For Corrugated Coated Steel Tape Armored Cable, Add	*276.08*	
27 15 23 00-0537	MLF	60-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	10,828.90	3,409.57
		For Corrugated Coated Steel Tape Armored Cable, Add	*264.74*	
27 15 23 00-0538	MLF	72-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	11,043.34	3,409.57
		For Corrugated Coated Steel Tape Armored Cable, Add	*302.68*	
27 15 23 00-0539	MLF	96-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	11,606.15	3,409.57
		For Corrugated Coated Steel Tape Armored Cable, Add	*307.42*	
27 15 23 00-0540	MLF	120-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	12,209.98	3,409.57
		For Corrugated Coated Steel Tape Armored Cable, Add	*366.83*	
27 15 23 00-0541	MLF	144-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	12,354.74	3,409.57
		For Corrugated Coated Steel Tape Armored Cable, Add	*393.89*	
27 15 23 00-0542		Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0338)*		
		Note: Singlemode and multimode combination cable. Excludes conduit or innerduct.		
27 15 23 00-0543		Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0542)*		
27 15 23 00-0544	MLF	12-Fiber, 6 Singlemode/6 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	3,858.02	769.78
27 15 23 00-0545	MLF	24-Fiber, 12 Singlemode/12 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	4,829.72	769.78
27 15 23 00-0546	MLF	48-Fiber, 24 Singlemode/24 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	6,994.32	769.78
27 15 23 00-0547		Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0542)*		
27 15 23 00-0548	MLF	12-Fiber, 6 Singlemode/6 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	5,097.37	769.78
27 15 23 00-0549	MLF	24-Fiber, 12 Singlemode/12 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	5,649.57	769.78
27 15 23 00-0550	MLF	48-Fiber, 24 Singlemode/24 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	8,065.05	769.78
27 15 23 00-0551		Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0338)*		
		Note: Singlemode and multimode combination cable. Excludes trenching.		
27 15 23 00-0552		Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0551)*		
27 15 23 00-0553	MLF	12-Fiber, 6 Singlemode/6 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench	3,729.73	705.62
27 15 23 00-0554	MLF	24-Fiber, 12 Singlemode/12 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench	4,701.43	705.62
27 15 23 00-0555	MLF	48-Fiber, 24 Singlemode/24 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench	6,866.03	705.62
27 15 23 00-0556		Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0551)*		
27 15 23 00-0557	MLF	12-Fiber, 6 Singlemode/6 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench	4,969.08	705.62
27 15 23 00-0558	MLF	24-Fiber, 12 Singlemode/12 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench	5,521.28	705.62
27 15 23 00-0559	MLF	48-Fiber, 24 Singlemode/24 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench	7,936.76	705.62
27 15 33		**Communications Coaxial Horizontal Cabling** *(27 15)*		
		Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc.		
27 15 33 00-0001		Indoor Coaxial Cable *(27 15 33)*		
27 15 33 00-0002		Coaxial, Indoor Telecommunications Cable *(27 15 33 00-0001)*		
27 15 33 00-0003		Coaxial, Indoor Telecommunications Cable, Installed In Conduit *(27 15 33 00-0002)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 33 00-0004	MLF	RG 59/U Coaxial, Indoor Telecommunications Cable, Installed In Conduit (Belden 9108)	1,898.77	538.85
27 15 33 00-0005	MLF	RG 59/U Plenum Coaxial, Indoor Telecommunications Cable, Installed In Conduit (Belden 82108)	4,753.09	538.85
27 15 33 00-0006	MLF	RG 6/U Coaxial, Indoor Telecommunications Cable, Installed In Conduit (Belden 9114)	1,508.24	615.82
27 15 33 00-0007	MLF	RG 6/U Plenum Coaxial, Indoor Telecommunications Cable, Installed In Conduit (Belden 82120)	6,005.77	615.82
27 15 33 00-0008		Coaxial, Indoor Telecommunications Cable, Installed Exposed *(27 15 33 00-0002)*		
27 15 33 00-0009	MLF	RG 59/U Coaxial, Indoor Telecommunications Cable, Installed Exposed (Belden 9108)	2,796.84	1,077.68
		For Work In Restricted Working Space, Add	*538.84*	
27 15 33 00-0010	MLF	RG 59/U Plenum Coaxial, Indoor Telecommunications Cable, Installed Exposed (Belden 82108)	5,651.16	1,077.68
		For Work In Restricted Working Space, Add	*538.84*	
27 15 33 00-0011	MLF	RG 6/U Coaxial, Indoor Telecommunications Cable, Installed Exposed (Belden 9114)	2,534.61	1,231.64
		For Work In Restricted Working Space, Add	*615.82*	
27 15 33 00-0012	MLF	RG 6/U Plenum Coaxial, Indoor Telecommunications Cable, Installed Exposed (Belden 82120)	7,032.14	1,231.64
		For Work In Restricted Working Space, Add	*615.82*	

27 15 43 Communications Faceplates and Connectors *(27 15)*

27 15 43 00-0001		Wall Mounted Telephone Faceplates *(27 15 43)* Note: Includes standard telephone mounting studs.		
27 15 43 00-0002		Plastic Faceplates For Wall Mounted Telephones *(27 15 43 00-0001)*		
27 15 43 00-0003	EA	Single Gang, 6-Position RJ25 Jack, Flush, Plastic Faceplate For Wall Mounted Telephones	42.70	16.03
27 15 43 00-0004		Stainless Steel Faceplates For Wall Mounted Telephones *(27 15 43 00-0001)*		
27 15 43 00-0005	EA	Single Gang, Keystone Opening, Flush, Stainless Steel Faceplate For Wall Mounted Telephones Note: Requires one snap-in modular jack.	36.60	6.41
27 15 43 00-0006	EA	Single Gang, 6-Position RJ25 Jack, Flush, Stainless Steel Faceplate For Wall Mounted Telephones	64.19	16.03
27 15 43 00-0007	EA	Single Gang, 8-Position RJ45 Jack, Flush, Stainless Steel Faceplate For Wall Mounted Telephones	74.77	19.24
27 15 43 00-0008	EA	Single Gang, Keystone Opening, Recessed, Stainless Steel Faceplate For Wall Mounted Telephones Note: Requires one snap-in modular jack.	35.22	6.41
27 15 43 00-0009	EA	Single Gang, 6-Position RJ25 Jack, Recessed, Stainless Steel Faceplate For Wall Mounted Telephones	58.32	16.03
27 15 43 00-0010	EA	Single Gang, 8-Position RJ45 Jack, Recessed, Stainless Steel Faceplate For Wall Mounted Telephones	69.06	19.24
27 15 43 00-0011		Plastic Communications Faceplates *(27 15 43)* Note: Excludes modular jacks. See CSI section 27 15 43 00-0051 for modular jacks.		
27 15 43 00-0012	EA	One Port, Single Gang, Plastic Communication Faceplate With Station ID	10.24	3.21
27 15 43 00-0013	EA	Two Port, Single Gang, Plastic Communication Faceplate With Station ID	10.24	3.21
27 15 43 00-0014	EA	Three Port, Single Gang, Plastic Communication Faceplate With Station ID	10.24	3.21
27 15 43 00-0015	EA	Four Port, Single Gang, Plastic Communication Faceplate With Station ID	10.24	3.21
27 15 43 00-0016	EA	Six Port, Single Gang, Plastic Communication Faceplate With Station ID	10.24	3.21
27 15 43 00-0017	EA	Four Port, Double Gang, Plastic Communications Faceplate With Station ID	17.72	3.21
27 15 43 00-0018	EA	Six Port, Double Gang, Plastic Communication Faceplate With Station ID	17.72	3.21
27 15 43 00-0019	EA	Eight Port, Double Gang, Plastic Communication Faceplate With Station ID	17.72	3.21
27 15 43 00-0020	EA	Nine Port, Double Gang, Plastic Communication Faceplate With Station ID	17.72	3.21
27 15 43 00-0021	EA	Twelve Port, Double Gang, Plastic Communication Faceplate With Station ID	17.72	3.21
27 15 43 00-0022		Stainless Steel Communications Faceplates *(27 15 43)* Note: Excludes modular jacks. See CSI section 27 15 43 00-0051 for modular jacks.		
27 15 43 00-0023		Stainless Steel Communications Faceplates *(27 15 43 00-0022)*		
27 15 43 00-0024	EA	One Port, Single Gang, Stainless Steel Communications Faceplate	19.50	3.21
27 15 43 00-0025	EA	Two Port, Single Gang, Stainless Steel Communications Faceplate	19.50	3.21
27 15 43 00-0026	EA	Three Port, Single Gang, Stainless Steel Communications Faceplate	19.50	3.21
27 15 43 00-0027	EA	Four Port, Single Gang, Stainless Steel Communications Faceplate	20.85	3.21
27 15 43 00-0028	EA	Six Port, Single Gang, Stainless Steel Communications Faceplate	20.85	3.21
27 15 43 00-0029	EA	Four Port, Double Gang, Stainless Steel Communications Faceplate	28.16	3.21
27 15 43 00-0030	EA	Six Port, Double Gang, Stainless Steel Communications Faceplate	29.01	3.21
27 15 43 00-0031	EA	Eight Port, Double Gang, Stainless Steel Communications Faceplate	33.59	3.21
27 15 43 00-0032	EA	Nine Port, Double Gang, Stainless Steel Communication Faceplate	33.59	3.21
27 15 43 00-0033	EA	Twelve Port, Double Gang, Stainless Steel Communications Faceplate	33.59	3.21
27 15 43 00-0034		Stainless Steel Communications Faceplates With Station ID *(27 15 43 00-0022)*		
27 15 43 00-0035	EA	One Port, Single Gang, Stainless Steel Communications Faceplate With Station ID	27.99	3.21
27 15 43 00-0036	EA	Two Port, Single Gang, Stainless Steel Communications Faceplate With Station ID	27.99	3.21
27 15 43 00-0037	EA	Three Port, Single Gang, Stainless Steel Communications Faceplate With Station ID	27.99	3.21
27 15 43 00-0038	EA	Four Port, Single Gang, Stainless Steel Communications Faceplate With Station ID	27.99	3.21
27 15 43 00-0039	EA	Six Port, Single Gang, Stainless Steel Communications Faceplate With Station ID	27.99	3.21
27 15 43 00-0040	EA	Four Port, Double Gang, Stainless Steel Communications Faceplate With Station ID	60.42	3.21
27 15 43 00-0041	EA	Six Port, Double Gang, Stainless Steel Communications Faceplate With Station ID	60.42	3.21
27 15 43 00-0042	EA	Eight Port, Double Gang, Stainless Steel Communications Faceplate With Station ID	60.42	3.21
27 15 43 00-0043	EA	Nine Port, Double Gang, Stainless Steel Communication Faceplate With Station ID	60.42	3.21
27 15 43 00-0044	EA	Twelve Port, Double Gang, Stainless Steel Communications Faceplate With Station ID	60.42	3.21
27 15 43 00-0045		Surface Mount Plastic Communication Boxes *(27 15 43)* Note: Excludes modular jacks. See CSI section 27 15 43 00-0051 for modular jacks.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 43 00-0046	EA	One Port, Surface Mount Plastic Communication Box With Station ID	36.97	16.06
27 15 43 00-0047	EA	Two Port, Surface Mount Plastic Communication Box With Station ID	37.82	16.06
27 15 43 00-0048	EA	Four Port, Surface Mount Plastic Communication Box With Station ID	43.68	16.06
27 15 43 00-0049	EA	Six Port, Surface Mount Plastic Communication Box With Station ID	50.64	16.06
27 15 43 00-0050	EA	Twelve Port, Surface Mount Plastic Communication Box With Station ID	57.94	16.06
27 15 43 00-0051		**Snap-In Modular Jacks** *(27 15 43)*		
		Note: Includes termination.		
27 15 43 00-0052	EA	Cat 3, Snap-In Modular Jack	35.38	12.85
27 15 43 00-0053	EA	Category 5E, Snap-In Modular Jack	37.25	12.85
27 15 43 00-0054	EA	Category 5E Shielded, Snap-In Modular Jack	42.85	12.85
27 15 43 00-0055	EA	Cat 6, Snap-In Modular Jack	42.85	12.85
27 15 43 00-0056	EA	Cat 6 Shielded, Snap-In Modular Jack	49.13	12.85
27 15 43 00-0057	EA	Cat 6A, Snap-In Modular Jack	50.09	12.85
27 15 43 00-0058	EA	Voice, RJ-11, Snap-In Modular Jack	25.81	6.42
27 15 43 00-0059	EA	SC Type Fiber Optic, Snap-In Modular Jack	39.63	12.85
27 15 43 00-0060	EA	ST Type Fiber Optic, Snap-In Modular Jack	44.38	12.85
27 15 43 00-0061	EA	LC Type Fiber Optic, Snap-In Modular Jack	53.72	12.85
27 15 43 00-0062	EA	Blank Fill In, Snap-In Modular Jack	7.30	3.21
27 15 43 00-0063	EA	Open Cable Pass Through Insert, Snap-In Modular Jack	8.70	3.21
27 15 43 00-0064	EA	Coaxial F-Type Coupler, Snap-In Modular Jack	29.63	9.63
		Note: Includes female to female connection.		
		For Gold Bulkhead, Add	*1.81*	
27 15 43 00-0065	EA	RCA Jack Pass-Through Coupler, Snap-In Modular Jack	29.97	9.63
		Note: Includes female to female connection.		
27 15 43 00-0066	EA	RCA Solder Coupler, Snap-In Modular Jack	59.38	12.85
27 15 43 00-0067	EA	RCA Jack With 110 Punch Down, Snap-In Modular Jack	73.14	12.85
27 15 43 00-0068	EA	3.5 m Mini Stereo Jack, Snap-In Modular Jack	36.74	12.85
27 15 43 00-0069	EA	MT-RJ Pass-Through Coupler, Snap-In Modular Jack	39.14	6.42
27 15 43 00-0070	EA	BNC Connector, Snap-In Modular Jack	42.34	12.85
27 15 43 00-0071	EA	S-Video With 110 Punch Down, Snap-In Modular Jack	47.44	12.85
27 15 43 00-0072	PR	Speaker Connectors, Snap-In Modular Jack	66.10	19.27
		Note: Includes a pair of binding posts, banana jacks or spring clip connectors. Requires two open ports.		
27 15 43 00-0073	EA	USB Audio Video Connector, Snap-In Modular Jack	70.87	12.85
27 15 53		**Communications Cable Innerduct** *(27 15)*		
		Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc.		
27 15 53 00-0001		**Indoor Innerduct** *(27 15 53)*		
27 15 53 00-0002		**Indoor Innerduct, Installed In Conduit** *(27 15 53 00-0001)*		
27 15 53 00-0003		**Riser Rated, Indoor Innerduct, Installed In Conduit** *(27 15 53 00-0002)*		
27 15 53 00-0004	MLF	1" Riser Rated, Indoor Innerduct, Installed In Conduit	5,082.83	1,924.44
27 15 53 00-0005	MLF	1-1/4" Riser Rated, Indoor Innerduct, Installed In Conduit	6,575.83	2,565.92
27 15 53 00-0006	MLF	1-1/2" Riser Rated, Indoor Innerduct, Installed In Conduit	8,751.44	3,207.40
27 15 53 00-0007	MLF	2" Riser Rated, Indoor Innerduct, Installed In Conduit	10,218.18	3,848.87
27 15 53 00-0008		**Plenum Rated, Indoor Innerduct, Installed In Conduit** *(27 15 53 00-0002)*		
27 15 53 00-0009	MLF	3/4" Plenum Rated, Indoor Innerduct, Installed In Conduit	7,551.80	1,282.96
27 15 53 00-0010	MLF	1" Plenum Rated, Indoor Innerduct, Installed In Conduit	8,457.17	1,924.44
27 15 53 00-0011	MLF	1-1/4" Plenum Rated, Indoor Innerduct, Installed In Conduit	10,681.40	2,565.92
27 15 53 00-0012	MLF	1-1/2" Plenum Rated, Indoor Innerduct, Installed In Conduit	13,729.25	3,207.40
27 15 53 00-0013	MLF	2" Plenum Rated, Indoor Innerduct, Installed In Conduit	16,522.16	3,848.87
27 15 53 00-0014		**Indoor Innerduct, Installed Exposed** *(27 15 53 00-0001)*		
27 15 53 00-0015		**Riser Rated, Indoor Innerduct, Installed Exposed** *(27 15 53 00-0014)*		
27 15 53 00-0016	MLF	1" Riser Rated, Indoor Innerduct, Installed Exposed	6,365.79	2,565.92
		For Work In Restricted Working Space, Add	*1,539.55*	
27 15 53 00-0017	MLF	1-1/4" Riser Rated, Indoor Innerduct, Installed Exposed	7,858.79	3,207.40
		For Work In Restricted Working Space, Add	*1,924.44*	
27 15 53 00-0018	MLF	1-1/2" Riser Rated, Indoor Innerduct, Installed Exposed	10,034.40	3,848.87
		For Work In Restricted Working Space, Add	*2,309.33*	
27 15 53 00-0019	MLF	2" Riser Rated, Indoor Innerduct, Installed Exposed	11,501.12	4,490.35
		For Work In Restricted Working Space, Add	*2,694.21*	
27 15 53 00-0020		**Plenum Rated, Indoor Innerduct, Installed Exposed** *(27 15 53 00-0014)*		
27 15 53 00-0021	MLF	3/4" Plenum Rated, Indoor Innerduct, Installed Exposed	8,834.76	1,924.44
27 15 53 00-0022	MLF	1" Plenum Rated, Indoor Innerduct, Installed Exposed	9,740.13	2,565.92
		For Work In Restricted Working Space, Add	*1,539.55*	
27 15 53 00-0023	MLF	1-1/4" Plenum Rated, Indoor Innerduct, Installed Exposed	11,964.36	3,207.40
		For Work In Restricted Working Space, Add	*1,924.44*	
27 15 53 00-0024	MLF	1-1/2" Plenum Rated, Indoor Innerduct, Installed Exposed	15,012.21	3,848.87
		For Work In Restricted Working Space, Add	*2,309.33*	
27 15 53 00-0025	MLF	2" Plenum Rated, Indoor Innerduct, Installed Exposed	17,805.10	4,490.35
		For Work In Restricted Working Space, Add	*2,694.21*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 53 00-0026		Outdoor Innerduct *(27 15 53)*		
27 15 53 00-0027		Outdoor Innerduct, Installed In Conduit *(27 15 53 00-0026)*		
27 15 53 00-0028	MLF	1" Outdoor Innerduct, Installed In Conduit	4,767.78	1,924.44
27 15 53 00-0029	MLF	1-1/4" Outdoor Innerduct, Installed In Conduit	6,111.24	2,565.92
27 15 53 00-0030	MLF	1-1/2" Outdoor Innerduct, Installed In Conduit	7,812.05	3,207.40
27 15 53 00-0031	MLF	2" Outdoor Innerduct, Installed In Conduit	9,329.20	3,848.87
27 15 53 00-0032		Outdoor Innerduct, Buried In Trench *(27 15 53 00-0026)*		
27 15 53 00-0033	MLF	1" Outdoor Innerduct, Buried In Trench	3,484.83	
27 15 53 00-0034	MLF	1-1/4" Outdoor Innerduct, Buried In Trench	4,828.28	
27 15 53 00-0035	MLF	1-1/2" Outdoor Innerduct, Buried In Trench	6,529.09	
27 15 53 00-0036	MLF	2" Outdoor Innerduct, Buried In Trench	8,046.24	

27 16 Communications Connecting Cords, Devices, and Adapters *(27 10)*

27 16 16 Communications Media Converters, Adapters, and Transceivers *(27 16)*

27 16 16 00-0001		Fiber Optic Receivers *(27 16 16)*		
27 16 16 00-0002	EA	Fiber Optic Receiver, Range 6.2 Miles	989.13	64.14
27 16 16 00-0003		Fiber Optic Transmitters *(27 16 16)*		
27 16 16 00-0004	EA	Fiber Optic Transmitter, Range 6.2 Miles	989.12	64.14
27 16 16 00-0005		Fiber Optic Repeaters *(27 16 16)*		
		Note: Consist of transmitter and receiver, back-to-back. Excludes power source.		
27 16 16 00-0006	EA	Fiber Optic Repeater, 6.2 Miles Transmitter And Receiver Back-Back, No Power	1,117.42	128.30
27 16 16 00-0007	EA	Fiber Optic Digital Repeater, 2,000 Miles Transmitter And Receiver Back-Back, No Power	1,754.68	256.60
27 16 16 00-0008		Fiber Optic Transceivers *(27 16 16)*		
27 16 16 00-0009	EA	Fiber Optic Transceivers, 3,000 Miles Range	1,170.75	256.60
27 16 16 00-0010	EA	Fiber Optic Transceivers, Digital 2,000 Miles Range	1,170.75	256.60
27 16 16 00-0011	EA	Fiber Optic Ethernet Transceiver	1,537.55	384.88
27 16 16 00-0012	EA	Transceiver (Low Cost Bi- Directional)	557.44	96.22

27 16 19 Communications Patch Cords, Station Cords, and Cross Connect Wire *(27 16)*

27 16 19 00-0001		Cross Connect Wire *(27 16 19)*		
		Note: Up to 20' length.		
27 16 19 00-0002	EA	2-Pair Cross Connect Wire	20.47	
27 16 19 00-0003	EA	3-Pair Cross Connect Wire	27.41	
27 16 19 00-0004	EA	4-Pair Cross Connect Wire	34.29	
27 16 19 00-0005		Fiber Optic Patch Cords *(27 16 19)*		
27 16 19 00-0006		Simplex Fiber Optic Patch Cables *(27 16 19 00-0005)*		
27 16 19 00-0007		Singlemode, Simplex Fiber Optic Patch Cables *(27 16 19 00-0006)*		
27 16 19 00-0008	EA	ST To ST Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable	57.86	
		For Each Additional Meter In Length, Add	*0.26*	
27 16 19 00-0009	EA	ST To SC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable	46.98	
		For Each Additional Meter In Length, Add	*0.26*	
27 16 19 00-0010	EA	ST To LC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable	61.12	
		For Each Additional Meter In Length, Add	*0.26*	
27 16 19 00-0011	EA	SC To SC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable	49.47	
		For Each Additional Meter In Length, Add	*0.26*	
27 16 19 00-0012	EA	SC To LC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable	57.41	
		For Each Additional Meter In Length, Add	*0.26*	
27 16 19 00-0013	EA	LC To LC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable	56.53	
		For Each Additional Meter In Length, Add	*0.26*	
27 16 19 00-0014		Duplex Fiber Optic Patch Cables *(27 16 19 00-0005)*		
27 16 19 00-0015		Singlemode, Duplex Fiber Optic Patch Cables *(27 16 19 00-0014)*		
27 16 19 00-0016	EA	ST To ST Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable	101.58	
		For Each Additional Meter In Length, Add	*0.51*	
27 16 19 00-0017	EA	ST To SC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable	98.52	
		For Each Additional Meter In Length, Add	*0.51*	
27 16 19 00-0018	EA	ST To LC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable	109.41	
		For Each Additional Meter In Length, Add	*0.51*	
27 16 19 00-0019	EA	SC To SC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable	84.83	
		For Each Additional Meter In Length, Add	*0.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 16 19 00-0020	EA	SC To LC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable	100.68	
		For Each Additional Meter In Length, Add	*0.51*	
27 16 19 00-0021	EA	LC To LC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable	98.94	
		For Each Additional Meter In Length, Add	*0.51*	
27 16 19 00-0022		Multimode, Duplex Fiber Optic Patch Cables *(27 16 19 00-0014)*		
27 16 19 00-0023	EA	ST To ST Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	76.44	
		For Each Additional Meter In Length, Add	*1.48*	
27 16 19 00-0024	EA	ST To SC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	83.55	
		For Each Additional Meter In Length, Add	*1.48*	
27 16 19 00-0025	EA	ST To MTRJ Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	84.28	
		For Each Additional Meter In Length, Add	*1.48*	
27 16 19 00-0026	EA	ST To LC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	86.56	
		For Each Additional Meter In Length, Add	*1.48*	
27 16 19 00-0027	EA	SC To SC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	76.74	
		For Each Additional Meter In Length, Add	*1.48*	
27 16 19 00-0028	EA	SC To MTRJ Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	86.96	
		For Each Additional Meter In Length, Add	*1.48*	
27 16 19 00-0029	EA	SC To LC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	102.38	
		For Each Additional Meter In Length, Add	*1.48*	
27 16 19 00-0030	EA	MTRJ To MTRJ Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	70.19	
		For Each Additional Meter In Length, Add	*1.48*	
27 16 19 00-0031	EA	LC To LC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	85.63	
		For Each Additional Meter In Length, Add	*1.48*	
27 16 19 00-0032		Fiber Optic Cable Pig Tail *(27 16 19)*		
27 16 19 00-0033	EA	Simplex Fiber Optic Cable Pig Tail	89.07	44.90
27 16 19 00-0034	EA	Duplex Fiber Optic Cable Pig Tail	114.87	44.90
27 16 19 00-0035		Ethernet Patch Cords *(27 16 19)*		
27 16 19 00-0036	EA	3' Category 5E Patch Cables With Boots	16.16	
27 16 19 00-0037	EA	5' Category 5E Patch Cables With Boots	17.60	
27 16 19 00-0038	EA	7' Category 5E Patch Cables With Boots	19.06	
27 16 19 00-0039	EA	10' Category 5E Patch Cables With Boots	27.76	
27 16 19 00-0040	EA	15' Category 5E Patch Cables With Boots	34.90	
27 16 19 00-0041	EA	25' Category 5E Patch Cables With Boots	45.90	
27 16 19 00-0042	EA	3' Category 6 Patch Cables With Boots	17.88	
27 16 19 00-0043	EA	5' Category 6 Patch Cables With Boots	21.54	
27 16 19 00-0044	EA	7' Category 6 Patch Cables With Boots	21.62	
27 16 19 00-0045	EA	10' Category 6 Patch Cables With Boots	26.01	
27 16 19 00-0046	EA	15' Category 6 Patch Cables With Boots	34.35	
27 16 19 00-0047	EA	25' Category 6 Patch Cables With Boots	42.93	
27 16 19 00-0048	EA	50' Category 6 Patch Cables With Boots	67.04	
27 16 19 00-0049	EA	100' Category 6 Patch Cables With Boots	116.76	
27 16 19 00-0050	EA	3' Category 6A Patch Cables With Boots	20.79	
27 16 19 00-0051	EA	5' Category 6A Patch Cables With Boots	21.98	
27 16 19 00-0052	EA	7' Category 6A Patch Cables With Boots	22.87	
27 16 19 00-0053	EA	10' Category 6A Patch Cables With Boots	27.41	
27 16 19 00-0054	EA	15' Category 6A Patch Cables With Boots	33.88	
27 16 19 00-0055	EA	25' Category 6A Patch Cables With Boots	41.53	
27 16 19 00-0056	EA	50' Category 6A Patch Cables With Boots	58.71	
27 16 19 00-0057	EA	100' Category 6A Patch Cables With Boots	102.10	
27 16 19 00-0058	EA	3' Category 5E Patch Cables With Plastic Arch	16.16	
27 16 19 00-0059	EA	5' Category 5E Patch Cables With Plastic Arch	17.60	
27 16 19 00-0060	EA	7' Category 5E Patch Cables With Plastic Arch	19.06	
27 16 19 00-0061	EA	10' Category 5E Patch Cables With Plastic Arch	27.76	
27 16 19 00-0062	EA	15' Category 5E Patch Cables With Plastic Arch	34.90	
27 16 19 00-0063	EA	25' Category 5E Patch Cables With Plastic Arch	45.90	
27 16 19 00-0064	EA	3' Category 6 Patch Cables With Plastic Arch	17.88	
27 16 19 00-0065	EA	5' Category 6 Patch Cables With Plastic Arch	21.54	
27 16 19 00-0066	EA	7' Category 6 Patch Cables With Plastic Arch	21.62	
27 16 19 00-0067	EA	10' Category 6 Patch Cables With Plastic Arch	26.01	
27 16 19 00-0068	EA	15' Category 6 Patch Cables With Plastic Arch	34.35	
27 16 19 00-0069	EA	25' Category 6 Patch Cables With Plastic Arch	42.93	
27 16 19 00-0070	EA	3' Category 6A Patch Cables With Plastic Arch	32.79	
27 16 19 00-0071	EA	5' Category 6A Patch Cables With Plastic Arch	34.97	
27 16 19 00-0072	EA	7' Category 6A Patch Cables With Plastic Arch	36.60	
27 16 19 00-0073	EA	10' Category 6A Patch Cables With Plastic Arch	42.25	
27 16 19 00-0074	EA	15' Category 6A Patch Cables With Plastic Arch	51.43	
27 16 19 00-0075	EA	25' Category 6A Patch Cables With Plastic Arch	65.47	

27 20 Data Communications *(27)*

27 21 Data Communications Network Equipment *(27 20)*

Note: Includes testing of new devices and certification.

27 21 16 Data Communications Routers, CSU/DSU, Multiplexers, Codecs, and Modems *(27 21)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 21 16 00-0001		**Fiber Optic Modems** *(27 21 16)*		
27 21 16 00-0002	EA	Fiber Optic Modems, Range 6.2 Miles	1,947.89	256.60
27 21 16 00-0003	EA	Fiber Optic Modem, Range 3.1 Miles, 12 Channel	3,741.27	256.60
27 21 16 00-0004		**Ethernet Hubs and Switches** *(27 21 16)*		
27 21 16 00-0005	EA	16 Port Managed Hub With Fiberport And Standard Management	4,243.22	192.74
27 21 16 00-0006	EA	16 Port Unmanaged Hub	650.64	128.50
27 21 16 00-0007	EA	8 Port, Hardened POE Network Switch (Etherwan EX17082A)	890.29	
27 21 16 00-0008	EA	16 Port, Hardened POE Network Switch (Etherwan EX17162A)	1,195.56	
27 21 16 00-0009	EA	12 Port, Industrial Ethernet Switch (Cisco IE-4000-4GC4GP4G-E)	5,846.92	128.50
27 21 16 00-0010	EA	Power Supply (Cisco PWR-IE170W-PC-AC)	1,730.77	64.24
27 21 16 00-0011		**Network Equipment** *(27 21 16)*		
27 21 16 00-0012		**Communications Entrance Protection** *(27 21 16 00-0011)*		
27 21 16 00-0013	EA	100-Pair, 5 Pin Configuration, 110 Termination, Building Entrance Terminal With Cover (Porta 24100-110-M110C) Note: Excludes terminations.	1,208.61	96.37
27 21 16 00-0014	EA	Solid State Protector Module With 4 OHM Heat Coils (CommScope 4C1S)	14.57	1.28
27 21 16 00-0015		**Communications Cabinets, Racks, Frames And Enclosures** *(27 21 16 00-0011)*		
27 21 16 00-0016	EA	19" Width x 36" Height x 24" Depth, Wall Mounted Telecommunications Enclosure (Chatsworth 11840-736)	1,468.73	96.37
		For Fan Kit (Chatsworth 12804-701), Add	*204.97*	
27 21 16 00-0017	EA	10 Outlet, 125 Volt, 20 Amperes, Telecommunications Cabinet Power Strip (Chatsworth 13239-757)	1,344.92	6.42
27 21 16 00-0018	EA	26" Width x 36" Height x 8.5" Depth, Wall Mounted Enclosure (Chatsworth 13050-722)	1,404.27	
		For Fan Kit (Chatsworth 13051-001), Add	*249.92*	
27 21 16 00-0019		**Communications Termination Blocks And Patch Panels** *(27 21 16 00-0011)*		
27 21 16 00-0020		**Communications Termination Blocks** *(27 21 16 00-0019)*		
27 21 16 00-0021	EA	4-Pair, 300-Pair Count, 110 Patch Panel System Terminal Block (CommScope 107058810)	377.59	19.24
27 21 16 00-0022	EA	5-Pair, 300-Pair Count, 110 Patch Panel System Terminal Block (CommScope 107058802)	351.33	19.24
27 21 16 00-0023	EA	4-Pair, 900-Pair Count, 110 Patch Panel System Terminal Block (CommScope 107058869)	843.55	19.24
27 21 16 00-0024	EA	5-Pair, 900-Pair Count, 110 Patch Panel System Terminal Block (CommScope 107058851)	784.49	19.24
27 21 16 00-0025	EA	110 Connector System Mounting Brackets (CommScope 107535593)	117.68	19.24
27 21 16 00-0026	EA	110 Connector System Mounting Brackets (CommScope 107535585)	127.22	19.24
27 21 16 00-0027	EA	110 Connector System Mounting Brackets (CommScope 107098816)	145.08	19.24
27 21 16 00-0028		**Communications Copper Patch Panels** *(27 21 16 00-0019)* Note: Excludes cabinet and terminations.		
27 21 16 00-0029	EA	24 Port, Category 5E Patch Panel (CommScope 108208919)	371.86	41.76
27 21 16 00-0030	EA	48 Port, Category 5E Patch Panel (CommScope 108208935)	679.46	51.40
27 21 16 00-0031	EA	24 Port, Category 6 Patch Panel (CommScope 760062372)	551.74	41.76
27 21 16 00-0032	EA	48 Port, Category 6 Patch Panel (CommScope 760062380)	1,031.74	51.40
27 21 16 00-0033		**Communications Optical Fiber Patch Panels** *(27 21 16 00-0019)*		
27 21 16 00-0034		**Closet Connector Housings** *(27 21 16 00-0033)*		
27 21 16 00-0035	EA	48 Fiber Total Capacity, Closet Connector Housing (Corning CCH-01U) Note: Accepts up to 2 closet connector housing panels. Excludes panels.	454.21	25.70
27 21 16 00-0036	EA	96 Fiber Total Capacity, Closet Connector Housing (Corning CCH-02U) Note: Accepts up to 4 closet connector housing panels. Excludes panels.	530.39	25.70
27 21 16 00-0037	EA	288 Fiber Total Capacity, Closet Connector Housing (Corning CCH-04U) Note: Accepts up to 12 closet connector housing panels. Excludes panels.	661.75	25.70
27 21 16 00-0038	EA	SC Duplex Multimode, 62.5 Micron, 12 Fiber, Closet Connector Housing Panel (Corning CCH-CP-91)	99.78	12.85
27 21 16 00-0039	EA	SC Duplex Singlemode, 12 Fiber, Closet Connector Housing Panel (Corning CCH-CP-59)	132.92	12.85
27 21 16 00-0040	EA	SC Simplex Multimode, 62.5 Micron, 12 Fiber, Closet Connector Housing Panel (Corning CCH-CP-56)	111.48	12.85
27 21 16 00-0041	EA	SC Simplex Singlemode, 12 Fiber, Closet Connector Housing Panel (Corning CCH-CP-3C)	143.63	12.85
27 21 16 00-0042		**Communications Cable Management** *(27 21 16 00-0011)*		
27 21 16 00-0043		**Horizontal Communication Cable Management** *(27 21 16 00-0042)*		
27 21 16 00-0044	EA	1.7" Height, 19" Width, 3.7" Depth, 1 RU, Front Only, Horizontal Cable Manager (Panduit WMPFSE)	165.89	25.70
27 21 16 00-0045	EA	3-1/2" Height, 19" Width, 3.7" Depth, Horizontal Cable Manager (Panduit WMPF1E)	171.82	25.70
27 21 16 00-0046		**Vertical Communication Cable Management** *(27 21 16 00-0042)*		
27 21 16 00-0047	EA	6" Width x 84" Height, Double-Sided Vertical Cabling Section (Chatsworth 11729-703)	1,029.08	64.24
27 21 16 00-0048	EA	19" Width x 84" Height, Universal Rack (Chatsworth 48353-703)	1,067.45	64.24
27 21 16 00-0049	EA	23" Width x 84" Height, Universal Rack (Chatsworth 48383-703)	1,153.86	64.24
27 21 16 00-0050		**Communications Patch Cords, Station Cords, And Cross Connect Wire** *(27 21 16 00-0011)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 21 16 00-0051		**Premise Cross-Connect Wire** *(27 21 16 00-0050)*		
27 21 16 00-0052	LF	1-Pair, 22 AWG Premise Cross-Connect Wire (General Cable 7041973)	1.31	0.64
27 21 16 00-0053		**Pathways For Communications Systems** *(27 21 16 00-0011)*		
27 21 16 00-0054		**Conduits And Back Boxes For Communication Systems** *(27 21 16 00-0053)*		
27 21 16 00-0055		**Flexible Conduit For Communication Systems** *(27 21 16 00-0054)*		
27 21 16 00-0056	CLF	1" Diameter, Riser Rated, Non-Metallic Flexible Conduit With Pull Tape (Carlon DF4X1C)	574.84	230.93
27 21 16 00-0057	CLF	1" Diameter, Plenum Rated, Non-Metallic Flexible Conduit With Pull Tape (Carlon CF4X1C)	885.15	230.93
27 21 16 00-0058		**Tube Cables For Communication Systems** *(27 21 16 00-0054)*		
27 21 16 00-0059		**Outdoor/All-Dielectric Tube Cables** *(27 21 16 00-0058)*		
27 21 16 00-0060	CLF	Two Tube, Outdoor/All-Dielectric Tube Cable (Sumitomo TC02TOX)	397.80	153.95
27 21 16 00-0061	CLF	Seven Tube, Outdoor/All-Dielectric Tube Cable (Sumitomo TC07TOX)	577.35	192.44
27 21 16 00-0062	CLF	Nineteen Tube, Outdoor/All-Dielectric Tube Cable (Sumitomo TC19TOX)	921.18	230.93
27 21 16 00-0063		**Indoor/Riser Rated Tube Cables** *(27 21 16 00-0058)*		
27 21 16 00-0064	CLF	Two Tube, Indoor/Riser Rated Tube Cable (Sumitomo TC02TRX)	446.68	153.95
27 21 16 00-0065	CLF	Four Tube, Indoor/Riser Rated Tube Cable (Sumitomo TC04TRX)	539.84	173.20
27 21 16 00-0066	CLF	Seven Tube, Indoor/Riser Rated Tube Cable (Sumitomo TC07TRX)	611.29	192.44
27 21 16 00-0067	CLF	Nineteen Tube, Indoor/Riser Rated Tube Cable (Sumitomo TC19TRX)	1,074.61	230.93
27 21 16 00-0068		**Indoor/Plenum Rated Tube Cables** *(27 21 16 00-0058)*		
27 21 16 00-0069	CLF	Single Tube, Indoor/Plenum Rated Tube Cable (Sumitomo TC01TPX)	344.85	153.95
27 21 16 00-0070	CLF	Two Tube, Indoor/Plenum Rated Tube Cable (Sumitomo TC02TP2)	469.76	153.95
27 21 16 00-0071	CLF	Four Tube, Indoor/Plenum Rated Tube Cable (Sumitomo TC04TP2)	697.34	173.20
27 21 16 00-0072	CLF	Seven Tube, Indoor/Plenum Rated Tube Cable (Sumitomo TC07TP2)	990.10	192.44
27 21 16 00-0073	CLF	Nineteen Tube, Indoor/Plenum Rated Tube Cable (Sumitomo TC19TP2)	2,927.91	230.93
27 21 16 00-0074		**Unjacketed Single Tube Cables** *(27 21 16 00-0058)*		
27 21 16 00-0075	CLF	Single Tube, Unjacketed Single Tube Cable (Sumitomo TC01TGX)	306.84	153.95
27 21 16 00-0076		**Multimode Fiber Bundles** *(27 21 16 00-0058)* Note: Includes optical fiber cables.		
27 21 16 00-0077	CLF	2-Fiber, 62.5 Micron, Multimode Fiber Bundle (Sumitomo FR02M6)	123.14	46.19
27 21 16 00-0078	CLF	4-Fiber, 62.5 Micron, Multimode Fiber Bundle (Sumitomo FB04M6)	176.09	46.19
27 21 16 00-0079	CLF	6-Fiber, 62.5 Micron, Multimode Fiber Bundle (Sumitomo FB06M6)	233.12	46.19
27 21 16 00-0080	CLF	12-Fiber, 62.5 Micron, Multimode Fiber Bundle (Sumitomo FB12M6)	406.91	46.19
27 21 16 00-0081	CLF	18-Fiber, 62.5 Micron, Multimode Fiber Bundle (Sumitomo FB18M6)	584.02	53.88
27 21 16 00-0082	CLF	24-Fiber, 62.5 Micron, Multimode Fiber Bundle (Sumitomo FB24M6)	757.81	53.88
27 21 16 00-0083		**Singlemode Fiber Bundles** *(27 21 16 00-0058)* Note: Includes optical fiber cables.		
27 21 16 00-0084	CLF	2-Fiber, Singlemode Fiber Bundle (Sumitomo FR02SX)	112.28	46.19
27 21 16 00-0085	CLF	4-Fiber, Singlemode Fiber Bundle (Sumitomo FB04SX)	135.36	46.19
27 21 16 00-0086	CLF	6-Fiber, Singlemode Fiber Bundle (Sumitomo FB06SX)	154.37	46.19
27 21 16 00-0087	CLF	12-Fiber, Singlemode Fiber Bundle (Sumitomo FB12SX)	191.03	46.19
27 21 16 00-0088	CLF	18-Fiber, Singlemode Fiber Bundle (Sumitomo FB18SX)	285.32	53.88
27 21 16 00-0089	CLF	24-Fiber, Singlemode Fiber Bundle (Sumitomo FB24SX)	368.14	53.88
27 21 16 00-0090		**Tube Distribution Cabinets** *(27 21 16 00-0058)*		
27 21 16 00-0091	EA	Modular Tube Distribution Cabinet (Sumitomo DE06MDU) Note: Up to six 7-tube cables or two 19-tube cables.	234.09	64.24
27 21 16 00-0092		**Modular Fiber Termination Cabinets** *(27 21 16 00-0058)*		
27 21 16 00-0093	EA	24-Fiber Capacity, Wall Mount, Modular Fiber Termination Cabinet (Sumitomo FT24WFM)	287.33	64.24
27 21 16 00-0094	EA	48-Fiber Capacity, Wall Mount, Modular Fiber Termination Cabinet (Sumitomo FT48WFM)	304.16	64.24
27 21 16 00-0095		**Tube Distribution Accessories** *(27 21 16 00-0058)*		
27 21 16 00-0096	EA	Plastic Push/Pull Quick Release Pneumatic Cap For 8 mm Tube (Sumitomo DE08MA)	14.74	6.42
27 21 16 00-0097	EA	Plastic Push/Pull Quick Release Pneumatic Coupling For 8 mm Tube (Sumitomo DE08MC2)	15.92	6.42
27 21 16 00-0098	EA	Brass Push/Pull Quick Release Pneumatic Coupling For 8 mm Bulkhead Tube (Sumitomo DE08MB)	18.96	6.42
27 21 16 00-0099		**Communications Optical Fiber Cabling** *(27 21 16 00-0011)*		
27 21 16 00-0100		**Communications Optical Fiber Cable Splicing And Terminations** *(27 21 16 00-0099)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 21 16 00-0101		Field Installed Fiber Connectors *(27 21 16 00-0100)*		
27 21 16 00-0102	EA	SC Type, Singlemode, Field Installed Fiber Connector (Corning 95-200-42)	38.39	9.63
27 21 16 00-0103	EA	SC Type, 62.5 Micron Multimode, Field Installed Fiber Connector (Corning 95-000-41)	34.49	9.63
27 21 16 00-0104		Buffer Tube Fan-Out Kits *(27 21 16 00-0100)*		
27 21 16 00-0105		Buffer Tube Breakout Kits (Sumitomo) *(27 21 16 00-0104)*		
		Note: Includes 900 micron tubing.		
27 21 16 00-0106	EA	2-Fiber Breakout Kit (Sumitomo FTFLD02)	272.89	128.30
27 21 16 00-0107	EA	4-Fiber Breakout Kit (Sumitomo FTFLD04)	276.97	128.30
27 21 16 00-0108	EA	6-Fiber Breakout Kit (Sumitomo FTFLD06)	280.56	128.30
27 21 16 00-0109	EA	12-Fiber Breakout Kit (Sumitomo FTFLD12)	291.74	128.30
27 21 16 00-0110	EA	18-Fiber Breakout Kit (Sumitomo FTFLD18)	307.03	128.30
27 21 16 00-0111	EA	24-Fiber Breakout Kit (Sumitomo FTFLD24)	318.38	128.30
27 21 16 00-0112		Buffer Tube Fan-Out Kits (Corning) *(27 21 16 00-0104)*		
27 21 16 00-0113	EA	12 Fiber, 25" Tube Length, Indoor Buffer Tube Fan-Out Kit (Corning Fan-BT25-12)	274.78	128.30
27 21 16 00-0114	EA	12 Fiber, 25" Tube Length, Outdoor Buffer Tube Fan-Out Kit (Corning Fan-OD25-12)	315.12	128.30
27 21 16 00-0115		Communications Copper Cabling *(27 21 16 00-0011)*		
27 21 16 00-0116		Copper Communications Cable Splicing And Terminations *(27 21 16 00-0115)*		
27 21 16 00-0117		Copper Communications Cable Splice Cases *(27 21 16 00-0116)*		
27 21 16 00-0118	EA	6.5" x 28.4" Copper Communications Cable Splice Case (Preformed Line Products 8000626)	1,270.24	256.60
27 21 16 00-0119	EA	9.5" x 28.4" Copper Communications Cable Splice Case (Preformed Line Products 8000630)	1,486.61	256.60
27 21 16 00-0120	EA	12.5" x 28.4" Copper Communications Cable Splice Case (Preformed Line Products 8006219)	2,205.60	256.60
27 21 16 00-0121		Modular Splice Connectors *(27 21 16 00-0116)*		
27 21 16 00-0122	EA	25-Pair, Straight Body Only, 26-24 Gauge Cable, Filled Modular Splice Connector (3M 710-SC1-25)	138.80	64.14
27 21 16 00-0123	EA	25-Pair, Straight/Half Tap Body, 26-24 Gauge Cable, Dry Modular Splice Connector (3M 710-SD1-25)	136.46	64.14
27 21 16 00-0124	EA	25-Pair, Straight/Half Tap Body, 26-24 Gauge Cable, Filled Modular Splice Connector (3M 710-TC1-25)	138.85	64.14
27 21 16 00-0125	EA	25-Pair, Bridge Body, 26-22 Gauge Cable, Filled Modular Splice Connector (3M 710-BC1-25)	138.52	64.14
27 21 26		**Data Communications Network Management** *(27 21)*		
27 21 26 00-0001		Data Communications Network Management *(27 21 26)*		
27 21 26 00-0002	EA	3 Port, Terminal/Serial Device Server (Comtrol 99560-9)	714.83	32.08
27 21 26 00-0003	EA	2 Port, Terminal/Serial Device Server (Comtrol 99550-0)	549.07	32.08
27 21 26 00-0004	EA	4 Port, DB9 Terminal/Serial Device Server (Comtrol 99445-9)	768.06	32.08
27 21 26 00-0005	EA	4 Port, DB9 Terminal/Serial Device Server (Comtrol 99448-0)	1,207.19	32.08
27 21 26 00-0006	EA	24 Watt, Din Rail Mountable, Power Adapter (Comtrol PS1020)	111.70	
27 21 26 00-0007	EA	Remote Data Port, Spectra Positioning System (Pelco IPS_RDPE_2)	532.69	19.24
27 21 26 00-0008	EA	Sennetech Code Translator (Pelco SCT_100_AD232)	886.55	32.08
27 21 26 00-0009	EA	VPN Router (Cisco 819HG)	5,262.42	411.18
27 21 26 00-0010	EA	Cisco Catalyst 3000 Series Switches (Cisco IE-3000 - 8TC)	3,759.06	411.18
27 21 26 00-0011	EA	WS-C4507R+E Chassis, Two WS-X4648-RJ45V+E, Sup7L-E, LAN Base (Cisco WS-C4507RE+96V+)	19,690.84	153.95
27 21 26 00-0012	EA	SMARTnet Extended Service Agreement, SNTC-8X5XNBD WS-C4507R+E Chassis,2 WS-X4648-RJ45V+E (Cisco CON-SNT-C4507REV)	619.48	
27 21 26 00-0013	EA	Sup8-E And WS-X4748-RJ45V+E Upgrade For Bundle (Cisco C4500E-S7L-S8)	13,413.06	153.95
27 21 26 00-0014	EA	Catalyst 4500 E-Series Redundant Supervisor 8-E (Cisco WS-X45-SUP8-E/2)	29,140.77	153.95
27 21 26 00-0015	EA	Catalyst 4500 2GB SD Memory Card (Cisco SD-X45-2GB-E)	686.77	12.85
27 21 26 00-0016	EA	Catalyst 4500 4200W AC Dual Input Power Supply (Data + PoE) (Cisco PWR-C45-4200ACV)	5,037.38	16.03
27 21 26 00-0017	EA	Catalyst 4500 4200W AC Dual Input Power Supply (Data + PoE) (Cisco PWR-C45-4200ACV/2)	4,368.40	16.03
27 21 26 00-0018	EA	13', NEMA 6-20 To IEC-C19 Power Cable (Cisco CAB-US620P-C19-US)	78.06	6.42
27 21 26 00-0019	EA	1000BASE-SX SFP Transceiver Module, MMF, 850nm, DOM (Cisco GLC-SX-MMD=)	250.56	64.14
27 21 26 00-0020	EA	Cisco Catalyst 3850 24 Port Data IP Base (Cisco WS-C3850--24TS)	3,833.44	153.95
27 21 26 00-0021	EA	SMARTnet Extended Service Agreement, 8X5XNBD Cisco Catalyst 3850 24 Port Data IP Base (Cisco CON-SNT-WSC384TS)	815.08	
27 21 26 00-0022	EA	North America AC Type A Power Cable (Cisco CAB-TA-NA)	25.99	6.42
27 21 26 00-0023	EA	350 Watt AC Power Supply (Cisco PWR-C1-350WAC)	340.19	16.03
27 21 26 00-0024	EA	Cisco Catalyst 3850 4x1GE Network Module (Cisco C3850-NM-4-1G)	847.23	16.06
27 21 26 00-0025	EA	1' (30cm), Catalyst 3750X Stack Power Cable (Cisco CAB-SPWR-30CM)	124.09	6.42
27 21 26 00-0026	EA	Rack Mount Switch 16 100 SFP 8 10/100 PoE 2 Geuplinks (Cisco IE-3010-16S-8PC)	4,539.44	153.95
27 21 26 00-0027	EA	SMARTnet Extended Service Agreement, 8X5XNBD IA Rack Mount Switch 16 100 SFP 8 10/10 (Cisco CON-SNT-301016S8)	818.34	
27 21 26 00-0028	EA	IE 3010 Power Supply (Cisco PWR-RGD-AC-DC/IA)	724.92	16.03
27 21 26 00-0029	EA	IE 3010 AC-DC Redundant Power Supply (Cisco PWR-RGD-AC-DC/IAR)	736.33	16.03
27 21 26 00-0030	EA	4 Ethernet 10/100 Ports And 2 Dual-Purpose Uplinks, Industrial Ethernet Switch (Cisco IE-3000-4TC)	1,565.88	153.95
27 21 26 00-0031	EA	Expansion Power Module For Cisco IE-3000-4TC (Cisco PWR-IE50W-AC-IEC)	398.93	16.06
27 21 26 00-0032	EA	4 Port, Expansion SFP Module for IE-3000-4TC (Cisco IEM-3000-4SM)	1,874.26	16.06
27 21 26 00-0033	EA	Router (CISCO IR829)	1,677.19	64.24
27 21 29		**Data Communications Switches and Hubs** *(27 21)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 21 29 00-0001		**Data Communications Multimedia Modular Patch Panels** *(27 21 29)* Note: Unloaded multimedia patch panels that accept modular jacks for category 3, 5e, 6, fiber optic, etc. Excludes rack, modular jacks and terminations. See CSI section 27 15 43 00-0051 for modular jacks.		
27 21 29 00-0002	EA	12 Port, Wall Mount Multimedia Modular Patch Panel, Unloaded	125.08	6.41
27 21 29 00-0003	EA	16 Port, Rack Mount Multimedia Modular Patch Panel, Unloaded	138.11	6.41
27 21 29 00-0004	EA	24 Port, Rack Mount Multimedia Modular Patch Panel, Unloaded	163.31	6.41
27 21 29 00-0005	EA	36 Port, Rack Mount Multimedia Modular Patch Panel, Unloaded	171.05	6.41
27 21 29 00-0006	EA	48 Port, Rack Mount Multimedia Modular Patch Panel, Unloaded	187.00	8.02
27 21 29 00-0007	EA	24 Port, Rack Mount Multimedia Modular Angled Patch Panel, Unloaded	177.47	6.41
27 21 29 00-0008	EA	48 Port, Rack Mount Multimedia Modular Angled Patch Panel, Unloaded	222.72	8.02
27 21 29 00-0009	EA	Rack Mount Rear Cable Management Bar	69.34	8.02
27 21 33		**Data Communications Wireless Access Points** *(27 21)*		
27 21 33 00-0001		Data Communications Wireless Access Points *(27 21 33)*		
27 21 33 00-0002	EA	Base Station Unit, 300 Mbps, MIMO 2x2, Type-N Connectors US PoE (Proxim Wireless MP-8200-BSU)	5,147.27	192.44
27 21 33 00-0003	EA	Base Station Unit, 300 Mbps, MIMO 2x2, 23 dBi, 10° Panel Antenna - US PoE (Proxim Wireless MP-8250-BS1)	12,365.14	192.44
27 21 33 00-0004	EA	Base Station Unit, 300 Mbps, MIMO 2x2, 16 dBi, 90 Degree Sector Antenna US PoE (Proxim Wireless MP-8250-BS9)	12,365.14	192.44
27 21 33 00-0005	EA	Subscriber Unit, 300 Mbps, MIMO 2x2, Type-N Connectors US PoE (Proxim Wireless MP-8200-SUA)	2,014.68	192.44
27 21 33 00-0006	EA	Subscriber Unit, 300 Mbps, MIMO 2x2, 23 dBi, Panel Antenna US PoE (Proxim Wireless MP-8250-SUR)	2,360.60	213.81
27 21 33 00-0007	EA	Base Station Unit, 300 Mbps, MIMO 3x3, GPS Sync Ready, Type-N Connectors - US PoE (Proxim Wireless MP-8200-BSU-G)	6,613.07	213.81
27 21 33 00-0008	EA	Base Station Unit, 300 Mbps, MIMO 2x2, GPS Sync Ready, 23 dBi, 10° Panel Antenna - US PoE (Proxim Wireless MP-8250-BS1-G)	10,050.18	213.81
27 21 33 00-0009	EA	Base Station Unit, 300 Mbps, MIMO 2x2, GPS Sync Ready, 16 dBi, 90° Sector Antenna - US PoE (Proxim Wireless MP-8250-BS9-G)	10,050.18	213.81
27 21 33 00-0010	EA	50 Mbps (upgradable to 100 Mbps), MIMO 2x2, 15 dBi integrated antenna - US PoE (Proxim Wireless QB-825-LNK-50)	2,061.08	71.27
27 21 33 00-0011	EA	100 Mbps, MIMO 2x2, 15 dBi integrated antenna - US PoE (Proxim Wireless QB-825-LNK-100)	2,089.94	71.27
27 21 33 00-0012	EA	Surge, Gigabit Surge Protector With Shielded RJ45 (Proxim Wireless ETH-SURGE-1G)	193.98	35.64
27 21 33 00-0013	EA	FlexPort uWave AdaptRate And Modulation Feature Upgrade (BridgeWave Communications FPUWAVE-UPG-ARM)	1,793.22	
27 21 33 00-0014	EA	1' High Performance Dish Antenna, Low Profile, 21.2-23.6 GHz, WR42 Flange, SOI (Radio Waves HPLP1-23RR)	640.18	64.14
27 21 33 00-0015	EA	Cellular Phone / Wi-Fi Antenna (Sierra Wireless AP-CWG-Q-S222-WH)	530.55	64.14
27 21 33 00-0016	EA	Cell LTE MIMO Antenna (Sierra Wireless 1810075)	94.03	25.66
27 21 33 00-0017	EA	AirLink GX400 Power Adapter (Sierra Wireless 2700384)	82.92	
27 21 33 00-0018	EA	AirLink GX400 Power Cable (Sierra Wireless 2000380)	48.38	
27 21 33 00-0019	EA	Cellular/PCS/LTE, Hockey Puck Antenna (Sierra Wireless AP-C-Q-S2-BL)	340.12	64.14
27 21 33 00-0020	EA	Cellular/PCS/LTE/GPS, Multi-Band Antenna (Sierra Wireless AP-CG-Q-S22-BL)	342.25	64.14
27 21 33 00-0021	EA	2 Way, RF Power Divider, 790-920 MHZ (Telewave ANTPD28D)	467.25	64.24
27 21 33 00-0022	EA	Wireless Cellular Modem (Sierra Wireless AirLink GX400 EVDO/GPS)	1,180.98	96.37
27 21 33 00-0023	EA	Wireless Cellular Modem (Sierra Wireless AirLink GX450 Rugged)	1,510.94	96.37
27 21 33 00-0024	EA	Magnetic Mount Cellular Antenna (Wilson Electronics 301125)	84.71	19.24
27 21 33 00-0025	EA	Yagi Antenna, 890-960 MHz, 10 dBd Gain (PCTEL Bluewave Antennas BGYD890K)	319.36	71.27
27 21 33 00-0026	EA	Andrew® Omni Antenna, 890–960 MHz, 360° Horizontal Beamwidth, Fixed Electrical Tilt, Fits On 38–51 mm (1-1/2 to 2 in) OD Pipe (Commscope DB583-Y)	1,050.31	71.27
27 21 33 00-0027	EA	Single Channel Bluetooth Sensor With Bluetooth Module And Antenna (DeepBlue SC)	5,173.97	64.24
27 21 33 00-0028	EA	Point-to-Point Wireless Bridge (Proxim Tsunami® QB-10150)	2,627.51	64.14

27 30 Voice Communications *(27)*

27 32 Voice Communications Terminal Equipment *(27 30)*

Note: Includes testing of new devices and certification.

27 32 13 Telephone Sets *(27 32)*

27 32 13 00-0001		Interior Telephone Components *(27 32 13)*		
27 32 13 00-0002	EA	Solid State Exchange Unit With Power Supply	7,962.94	1,172.37
27 32 13 00-0003	EA	Dial Telephone - Handset In Cabinet	956.76	95.84
27 32 13 00-0004	EA	Elevator Cab Telephone With Trailer Cable	484.43	102.76
27 32 13 00-0005	EA	Loud Ring Bell, 6"	379.73	95.32
27 32 13 00-0006	EA	Audio/Visual Indicator	484.68	89.81
27 32 13 00-0007	EA	Administrative Telephone With Digital Display	505.19	80.57
27 32 13 00-0008	EA	Processing Unit For 16 Station System	2,496.49	657.26
27 32 13 00-0009	EA	Handset For 16 Station System	355.97	65.43
27 32 13 00-0010	EA	Handset In Cabinet, For 16 Station System	482.20	88.26
27 32 13 00-0011	MLF	20 Conductor Unshielded Cable, #22	3,200.23	1,414.71
27 32 13 00-0012	EA	Power Supply For 16 Station System	445.19	174.61
27 32 13 00-0013	EA	Intercom Terminal Board	392.29	196.55
27 32 13 00-0014	EA	Power Supply For Five Station System, 24 Volt DC	462.96	174.61
27 32 13 00-0015	EA	Telephone Communication Board, Insulated Blueboard 24" x 24" x 1/2" Thick	226.14	71.73
27 32 13 00-0016	EA	Telephone Cabinet With Backboard 24" High x 24" Wide x 6" Deep	709.12	157.89
27 32 13 00-0017	EA	Telephone Cabinet With Backboard 30" High x 24" Wide x 6" Deep	837.65	179.46
27 32 13 00-0018	EA	Telephone Cabinet With Backboard 30" High x 30" Wide x 6" Deep	1,016.05	212.40
27 32 13 00-0019	EA	Telephone Cabinet With Backboard 36" High x 30" Wide x 6" Deep	1,199.77	229.63
27 32 13 00-0020	EA	Telephone Cabinet With Backboard 48" High x 30" Wide x 6" Deep	1,873.77	261.28
27 32 13 00-0021	EA	Ring Rung 3"	13.87	7.15
27 32 13 00-0022	EA	G66B50 Telephone Blocks Including 50 Terminators, Exterior Ring, Marking, ID	34.79	12.70

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 32 13 00-0023	EA	G110 Data Blocks Including Terminator, Exterior Ring, Marking, ID And Testing	63.08	26.04
27 32 13 00-0024		**Interior Telephone Accessories** *(27 32 13)*		
27 32 13 00-0025	EA	Blank Telephone Receptacle, Exposed Devices - Complete	14.29	6.92
27 32 13 00-0026	EA	4-Pin Telephone Receptacle, Exposed Devices - Complete	30.64	26.69
27 32 13 00-0027	EA	Dual Flush Mounted, Level 5, RJ-45 Jack, Complete	74.84	29.30
27 32 13 00-0028	EA	Wall Mount, Level 5, RJ-45 Jack, Complete	71.23	29.30
27 32 13 00-0029	EA	Terminating Strips, Inside	144.27	58.61
27 32 13 00-0030	EA	Dual Outlet, 4-Pin Telephone Receptacle, Concealed Type RJ-45 - Complete	64.46	30.15
27 32 13 00-0031	EA	Ready Access Closure 3 To 25 Pair	174.31	70.69
27 32 13 00-0032	EA	Ready Access Closure 25 To 100 Pair	202.97	79.03
27 32 13 00-0033	EA	Termination Block With Bracket 25 Pair	65.19	23.74
27 32 13 00-0034	EA	RJ-11 Telephone Receptacle, Concealed Devices - Complete	63.30	29.76
27 32 13 00-0035	EA	Interior Protected Terminal 25 Pair	718.26	171.41
27 32 13 00-0036	EA	Interior Protected Terminal 50 Pair	844.40	174.09
27 32 13 00-0037	EA	Pedestal 6" x 6" x 50" 3 To 100 Pair	286.74	71.33
27 32 13 00-0038	EA	Pedestal 8" x 8" x 50" 100 To 300 Pair	295.39	71.33
27 32 13 00-0039	EA	Pedestal 10" x 10" x 43" 300 To 600 Pair	389.36	91.22
27 32 13 00-0040	EA	Pedestal 10" x 16" x 439 600 Pair	801.92	164.34
27 32 13 00-0041	EA	Entrance Protector Terminal 100 Pair	1,099.92	187.57
27 32 13 00-0042	EA	Gas Protection Module	17.89	6.41
27 32 13 00-0043	EA	Terminating Boxes, Outside With 3 Element Protectors, Per Pair	29.75	5.86

27 32 26 Ring-Down Emergency Telephones *(27 32)*

27 32 26 00-0001 Emergency Telephone *(27 32 26)*

Note: Includes CB3000 speakerphone, 3 auxiliary Inputs, 2 auxiliary outputs, phone line surge suppressor, analog telephone connection, 70 watt area light with blue beacon, high power strobe, lighted faceplate, 110VAC power, ultra weather resistant finish, vandal resistant hardware, UV resistant Lens, dome vent; flat area for directory, access control or other options; 12.75" diameter/8'-6" height, 1/4" thick steel construction, foundation anchor kit, ADA compliant.

27 32 26 00-0002	EA	Code Blue 1-Standard Emergency Telephone Pedestal Unit (CB 1-s) Note: Includes IA4100 FP1 analog speakerphone with single red 'Push For Help' button, 'Push For Help' bezel, hard wire phone line, passive vent at top, 24V AC, and standard color.	11,883.22	526.42
27 32 26 00-0003	EA	Code Blue 1-Dual Emergency Telephone Pedestal Unit (CB 1-d) Note: Includes IA4100 FP1 analog speakerphone with single red 'Push For Help' button, 'Push For Help' bezel, blank stainless steel plate second opening, hard wire phone line, passive vent at top, 24V AC, and standard color.	12,500.65	526.42
27 32 26 00-0004	EA	Analog Speakerphone With Black Info Button And Red Push For Help Button Code Blue Option (Code Blue IA4100 FP2)	205.81	
27 32 26 00-0005	EA	Analog Speakerphone With Black Call Button, Keypad And Red Push For Help Button Code Blue Option (Code Blue IA4100 FP2-K)	308.71	
27 32 26 00-0006	EA	IP Speakerphone With Single Red Push For Help Button Code Blue Option (Code Blue IP5000 FP1)	771.78	
27 32 26 00-0007	EA	IP Speakerphone With Back Info Button And Red Push For Help Button Code Blue Option (Code Blue IP5000 FP2)	1,049.63	
27 32 26 00-0008	EA	IP Speakerphone With Black Call Button, Keypad And Red Push For Help Button Code Blue Option (Code Blue IP5000 FP2-K)	1,152.53	
27 32 26 00-0009	EA	EMERGENCY (Raised Letters With Braille) Main Bezel Code Blue Option	20.58	
27 32 26 00-0010	EA	EMERGENCY/EMERGENCIA (Raised Letters With Braille) Main Bezel Code Blue Option	20.58	
27 32 26 00-0011	EA	Directory, Second Opening Code Blue Option	185.23	
27 32 26 00-0012	EA	Camera Enclosure With Color IP Camera, Second Opening Code Blue Option	1,955.19	
27 32 26 00-0013	EA	HID Card Reader, Second Opening Code Blue Option	905.56	
27 32 26 00-0014	EA	HID Card Reader And Color IP Camera, Second Opening Code Blue Option	2,932.78	
27 32 26 00-0015	EA	IP Wireless Communication Code Blue Option Note: 802.11g or secure mesh 5.8. (system UPS backup or unit Night Charge recommended). IP5000 VoIP Speakerphone option must be ordered when selecting IP Wireless Communications. Requires Base Unit(s) and site survey.	6,163.98	
27 32 26 00-0016	EA	Active Venting Code Blue Option	329.29	
27 32 26 00-0017	EA	Night Charge Power Code Blue Option Note: Requires 120V AC external power supplied to Code Blue unit.	2,871.04	
27 32 26 00-0018	EA	Power Transformer Kit, Alternate Incoming Power Code Blue Option	720.33	
27 32 26 00-0019	EA	Overhead Camera Mount Code Blue Option Note: Excludes camera.	1,636.18	
27 32 26 00-0020	EA	Custom Color For Overhead Camera Mount Code Blue Option	72.03	

27 32 26 00-0021 City Police Call System *(27 32 26)*

27 32 26 00-0022 Components *(27 32 26 00-0021)*

27 32 26 00-0023	EA	City Police Call System	925.93	149.59
27 32 26 00-0024	EA	Concrete Foundation For Police Department Telephone Post	825.44	216.69

27 40 Audio-Video Communications *(27)*

27 41 Audio-Video Systems *(27 40)*

27 41 16 Integrated Audio-Video Systems and Equipment *(27 41)*

Note: Includes testing of new devices and certification.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 41 16 00-0001		**Television Distribution System** *(27 41 16)* See CSI section 26 05 19 16-0012 for basic wiring.		
27 41 16 00-0002		**Mounted Television Support** *(27 41 16 00-0001)*		
27 41 16 00-0003	EA	Ceiling Mounted Television Support, 19" To 20"	510.69	143.91
27 41 16 00-0004	EA	Ceiling Mounted Television Support, 19" To 20" With Rack	660.81	160.61
27 41 16 00-0005	EA	Ceiling Mounted Television Support, 25" To 27"	533.53	143.91
27 41 16 00-0006	EA	Ceiling Mounted Television Support, 25" To 27" With Rack	683.65	160.61
27 41 16 00-0007	EA	Wall Mounted Television Support, 13"	404.75	115.65
27 41 16 00-0008	EA	Wall Mounted Television Support, 13" With Rack	554.86	128.50
27 41 16 00-0009	EA	Wall Mounted Television Support, 19" To 20"	434.73	115.65
27 41 16 00-0010	EA	Wall Mounted Television Support, 19" To 20" With Rack	584.84	128.50
27 41 16 00-0011	EA	Wall Mounted Television Support, 25" To 27"	464.72	115.65
27 41 16 00-0012	EA	Wall Mounted Television Support, 25" To 27" With Rack	614.83	128.50
27 41 16 00-0013		**Distribution System** *(27 41 16 00-0001)* See CSI section 26 05 13 16-0001 for wire and cabling.		
27 41 16 00-0014		**TV Distribution Rack** *(27 41 16 00-0013)*		
27 41 16 00-0015	EA	Steel Rack Cabinet With Shelves	1,808.47	235.93
27 41 16 00-0016	EA	Switch And Pilot Light	277.92	104.82
27 41 16 00-0017	LF	Surface Raceway With Outlets	33.18	14.24
27 41 16 00-0018	EA	Service Label	39.22	19.63
27 41 16 00-0019		**Head End Amplifier** *(27 41 16 00-0013)*		
27 41 16 00-0020	EA	Head End Amplifier	1,206.57	157.04
27 41 16 00-0021		**UHF In-Line Booster Amplifier And Power Supply** *(27 41 16 00-0013)*		
27 41 16 00-0022	EA	UHF In-Line Booster	701.35	157.04
27 41 16 00-0023		**Preamplifiers** *(27 41 16 00-0013)*		
27 41 16 00-0024	EA	VHF Preamplifier	879.25	157.04
27 41 16 00-0025	EA	UHF Preamplifier	701.35	157.04
27 41 16 00-0026		**Power Supplies** *(27 41 16 00-0013)*		
27 41 16 00-0027	EA	Common Power Supply	1,256.06	224.39
27 41 16 00-0028		**Line Splitter And Mixer** *(27 41 16 00-0013)*		
27 41 16 00-0029	EA	Line Splitter	106.94	52.35
27 41 16 00-0030	EA	Two-Way Splitter	121.10	52.35
27 41 16 00-0031	EA	Frequency Filter	270.69	78.64
27 41 16 00-0032	EA	Line Splitter And Mixer	326.62	115.46
27 41 16 00-0033		**Power Line Filters** *(27 41 16 00-0013)*		
27 41 16 00-0034	EA	120-Volt Power Supply Line Filter	526.97	104.82
27 41 16 00-0035		**Wall Box And Receiver Outlets** *(27 41 16 00-0013)*		
27 41 16 00-0036	EA	Wall Box With Lockable Cover, Excluding Outlet Plug	270.69	78.64
27 41 16 00-0037	EA	TV Receiver Outlet Plug	121.10	52.35
27 41 16 00-0038	EA	TV Camera Outlet Plug	121.10	52.35
27 41 16 00-0039	EA	Audio Outlet Plug	103.36	52.35
27 41 16 00-0040	EA	12 Ft RG 6U Cable With G-59 And TV Set Fittings	215.65	104.82
27 41 16 00-0041	EA	Male Plug PL-259	121.10	52.35
27 41 16 00-0042	EA	Wall Box And Receiver Outlet Television Outlets	142.24	54.91
27 41 33		**Master Antenna Television Systems** *(27 41)*		
27 41 33 00-0001		**Antenna Systems** *(27 41 33)*		
27 41 33 00-0002		**Antenna** *(27 41 33 00-0001)*		
27 41 33 00-0003	EA	Amateur Radio Antenna	1,141.07	192.44
27 41 33 00-0004	EA	Multi-Band Radio Antenna	886.22	192.44
27 41 33 00-0005		**Receptacles** *(27 41 33 00-0001)*		
27 41 33 00-0006	EA	Amateur Radio Antenna System Receptacle With Mating Plugs And Adapter	252.92	78.64
27 41 33 00-0007	EA	Multi-Band Radio Antenna System Receptacle With Mating Plugs	252.92	78.64

27 50 Distributed Communications and Monitoring Systems *(27)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

27 51 Distributed Audio-Video Communications Systems *(27 50)*

27 51 17 Video Intercom and Exterior Gate Control System *(27 51)*

27 51 17 00-0001 Video Intercom And Exterior Gate Control System *(27 51 17)*

27 51 17 00-0002	EA	Audio Video Master Control Station With Handset, White Finish (Aiphone IX-MV7-HW)	1,573.84	160.61
27 51 17 00-0003	EA	Audio Video Master Control Station (Aiphone AX-8MV)	1,266.38	160.61
27 51 17 00-0004	EA	16-call Add-on Selector For AX Masters (Aiphone AX-16SW)	534.75	160.61
27 51 17 00-0005	EA	Central Exchange Unit (Aiphone AX-084C)	1,497.21	80.31
27 51 17 00-0006	EA	Central Exchange Unit (Aiphone AX-248C)	2,039.53	80.31
27 51 17 00-0007	EA	Touch Tone Programmable Dialer (Viking K-1900-5)	154.68	32.13
27 51 17 00-0008	EA	Surface Mount Audio/Video Door Station (Aiphone IX-DV)	1,078.39	32.13
27 51 17 00-0009	EA	Surface Or Flush Wall Mount Audio/Video Door Station (Aiphone IX-DVF)	1,481.97	32.13
27 51 17 00-0010	EA	Surface Mount Audio/Video Door Station (Aiphone AX-DV)	481.30	32.13
27 51 17 00-0011	EA	Flush Mount Audio/Video Door Station (Aiphone AX-DVF)	542.51	32.13
27 51 17 00-0012	EA	12 Volt, 2.5 Amperes, DC Power Supply (Aiphone PS-1225UL) Note: UL Listed	147.42	16.06
27 51 17 00-0013	EA	24 Volt, 2 Amperes, DC Power Supply (Aiphone PS-2420UL) Note: UL Listed	160.25	16.06
27 51 17 00-0014	EA	IP Video Master Station (Aiphone IX-MV)	1,920.77	160.61
27 51 17 00-0015	EA	Handset Only For IX-MV (Aiphone 285999)	65.77	6.42
27 51 17 00-0016	EA	Hands Free Sub Master Video Monitor (Aiphone JF-2HD)	818.00	160.61
27 51 17 00-0017	EA	Stainless Steel Video Door Station With HID ProxPoint Plus Reader, Flush Mount (Aiphone AX-DVF-P)	771.68	32.13
27 51 17 00-0018	EA	Stainless Steel Surface Mount Box For IS-SS, IS-DVF, IS-IPDVF, IX-DF(SS) (Aiphone SBX-IDVF)	235.05	32.13
27 51 17 00-0019	EA	Stainless Steel Surface Mount Box For AX-DVF (Aiphone SBX-AXDVF)	262.10	32.13
27 51 17 00-0020	EA	Stainless Steel Security Lock Box For IS-DV, IS-DVF, IX-DF, IX-SS, IX-DF-HID, And IX-DF-RP10 (Aiphone LB-SDVF/A)	321.28	48.18
27 51 17 00-0021	EA	Front Case With Lens Cover For AX-DV And AX-DVF Cameras (Aiphone 240880)	71.72	16.06

27 51 43 Sound Reinforcement *(27 51)*

Note: Includes testing of new devices and certification.

27 51 43 00-0001 Amplifiers *(27 51 43)*

27 51 43 00-0002	EA	10 Watt PA/Paging System Amplifier, 70 Volt (Bogen C10)	579.89	128.50
27 51 43 00-0003	EA	35 Watt PA/Paging System Amplifier, 70 Volt (Bogen C35)	821.94	128.50
27 51 43 00-0004	EA	60 Watt PA/Paging System Amplifier, 70 Volt (Bogen C60)	977.31	128.50
27 51 43 00-0005	EA	100 Watt PA/Paging System Amplifier, 70 Volt (Bogen 100)	1,088.16	128.50
27 51 43 00-0006	EA	150 Watt PA/Paging System Amplifier, 70 Volt (Bogen GS150)	1,356.77	128.50
27 51 43 00-0007	EA	250 Watt PA/Paging System Amplifier, 70 Volt (Bogen GS250)	1,758.45	128.50
27 51 43 00-0008	EA	Rack Mount Kit For PA/Paging System Amplifiers (Bogen GSRPK)	69.71	6.42

27 51 43 00-0009 Splitters *(27 51 43)*

27 51 43 00-0010	EA	24 Watt, 5 Output, Isolated Splitter (Doug Fleenor 125EE)	3,513.03	96.22
27 51 43 00-0011	EA	1-in/11-out Splitter (Doug Fleenor DMX)	3,168.78	96.22

27 51 43 00-0012 Speakers *(27 51 43)*

27 51 43 00-0013	EA	8", 5 Watt Recessed Ceiling Mounted Speaker With Transformer And Baffle (Atlas Sound FD72W)	225.78	34.38
27 51 43 00-0014	EA	8" Steel Baffle (Atlas Sound 51-8)	72.49	6.41
27 51 43 00-0015	EA	T-Bar Support (Atlas Sound EZ95-8)	80.94	6.41
27 51 43 00-0016	EA	8" Cylindrical Enclosure With Undercoating (Atlas Sound Q408)	126.24	6.41
27 51 43 00-0017	EA	Plate Mounted 10 Watt Attenuator With Priority Relay (Atlas Sound AT10-PA)	116.83	11.54

27 51 43 00-0018 Accessories *(27 51 43)*

27 51 43 00-0019	EA	Microphone And Stand For Audio/Video System (Bogen MBS-1000A)	339.50	16.06
27 51 43 00-0020	EA	5 Disk CD Player For Audio/Video System (Bogen DCM290-P)	763.25	16.06
27 51 43 00-0021	EA	Weather Proof Horn For Audio/Video System (Bogen SPT5A)	192.84	32.13
27 51 43 00-0022	EA	Trumpet Driver And Line Matching Transformer For Audio/Video System (Atlas PD-60A)	357.68	32.13
27 51 43 00-0023	EA	Headset Microphone For Audio/Video System (Audio Technica Pro8Hex)	261.31	32.08
27 51 43 00-0024	EA	Microphone Jack For Audio/Video System	120.61	32.13
27 51 43 00-0025	EA	Terminal Cabinet For Audio/Video System (Atlas 121-18)	1,022.49	128.50
27 51 43 00-0026	EA	Volume Control For Audio/Video System (Bogen AT10A)	115.27	32.13
27 51 43 00-0027	EA	Round Bridge for 8" (S86/S810) Reccessed Speakers (Bogen Communications TB8)	80.70	32.13

27 51 43 00-0028 Removal And Reinstallation Of Speakers *(27 51 43)*

Note: Includes storage, cleaning and supply materials.

27 51 43 00-0029	EA	Removal And Reinstallation Of Ceiling Mounted Speaker	179.62	

27 53 Distributed Systems *(27 50)*

27 53 13 Clock Systems *(27 53)*

27 53 13 13 Wireless Clock Systems *(27 53 13)*

27 53 13 13-0001 Wireless Synchronized GPS Clock System (Sapling) *(27 53 13 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 53 13 13-0002		**Master Clock (Sapling SMA 2000 Series)** *(27 53 13 13-0001)* Note: Includes Sapling standard 2 year "material" warranty and applies to Master Clocks, Analog Clocks, Digital Clocks and Converter Boxes.		
27 53 13 13-0003	EA	Master Clock, 900 MHz Transmitter, GPS, Surface Wall Mount (Sapling SMA-2S0-1100-1	8,290.55	96.22
27 53 13 13-0004	EA	Master Clock, 900 MHz Transmitter, GPS, Rack Mount And Wall Mount Antenna (Sapling SMA-2R0-1100-1)	8,766.91	96.22
27 53 13 13-0005	EA	Master Clock, 900 MHz Transmitter, Surface Wall Mount (Sapling SMA-2S0-1000-1)	4,717.85	96.22
27 53 13 13-0006	EA	Master Clock, 900 MHz Transmitter, Rack Mount And Wall Mount Antenna (Sapling SMA-2R0-1000-1)	5,194.21	96.22
27 53 13 13-0007	EA	NTP Server Upgrade (Sapling SMA-000-SERV-0)	3,260.40	
27 53 13 13-0008		**Wireless Repeaters (Sapling)** *(27 53 13 13-0001)*		
27 53 13 13-0009	EA	Wireless Repeater, 900 MHz, RS485 Input, Surface Wall Mount (Sapling SMA-1SR-0000-1)	2,028.07	64.14
27 53 13 13-0010	EA	Wireless Network Repeater, 900 MHz, 110 VAC - 230 VAC, With TCP/IP For Campus Environments, Surface Wall Mount (Sapling SMA-1SM-0000-1)	2,271.92	64.14
27 53 13 13-0011		**Wireless Round Analog Clocks (Sapling SAL-4 Series)** *(27 53 13 13-0001)* Note: Includes Sapling standard 2 year "material" warranty and applies to Master Clocks, Analog Clocks, Digital Clocks and Converter Boxes.		
27 53 13 13-0012	EA	Analog, Wireless Slim Line, 900 MHz, 12" Round, Battery-Operated, Surface Wall Mount, Black Case (Sapling SAL-4BS-12R-0)	439.61	32.08
27 53 13 13-0013	EA	Double Mount Housing With Metal Pole For Slim Line 12" Round Analog Clock, Black (Sapling SAH-1BD-12R-0)	278.02	32.08
27 53 13 13-0014	EA	Analog, Wireless Slim Line, 900 MHz, 16" Round, Battery-Operated, Surface Wall Mount, Black Case (Sapling SAL-4BS-16R-0)	525.44	32.08
27 53 13 13-0015	EA	Double Mount Housing With Metal Pole For Slim Line 16" Round Analog Clock, Black (Sapling SAH-1BD-16R-0)	313.66	32.08
27 53 13 13-0016		**Wireless GPS Accesories (Sapling)** *(27 53 13 13-0001)*		
27 53 13 13-0017	EA	GPS Mounting Kit (Sapling M-GPS-MTG-KIT-1)	87.18	25.66
27 53 13 13-0018	EA	Wall Mount, L-Shape, GPS Mounting Kit (Sapling M-GPS-MTG90-KIT-1)	123.05	25.66
27 53 13 13-0019	EA	GPS Antenna Cable, 150 Foot (45.7 Meters) Length (Sapling E-ANT-CBL150F-1)	1,053.69	56.13
27 53 13 13-0020	EA	GPS Antenna Cable, 300 Foot (91.4 Meters) Length (Sapling E-ANT-CBL300F-1)	1,872.07	80.19
27 53 13 13-0021	EA	GPS Surge Protector/Arrestor (Sapling E-GPS-SURGE-1)	654.72	6.41
27 53 13 13-0022		**2.4 GHz, 2.5", 6-Digit, Digital Messaging Wireless Clock System (Sapling SLDG 3000 Series)** *(27 53 13 13)* Note: Includes Sapling standard 2 year "material" warranty and applies to Master Clocks, Analog Clocks, Digital Clocks and Converter Boxes. Quantities over 25 for all digital clocks are Non-Cancelable, Non-Returnable (NCNR). (50) Clock Mininum Quantity Required Per System order for SDLG-32S-256-4R. (25) Clock Mininum Quantity Required Per System order for SDLG-32S-256-1R. All digital clocks are available without bezel or without the housing. Contact Sapling for details. Contact Sapling for Factory Customized Message Options. All digital clocks are pre-loaded and shipped with the following messages below: (1) Tornado Warning (2) Inclement Weather (3) Take Cover (4) Evacuate (5) Lockdown (6) Fire (7) Early Dismissal (8) Flood Warning (9) Earthquake (10) Code Blue (11) All Clear (12) Operation in Progress (13) Test in Progress (14) Lunch Break (15) Shift Break.		
27 53 13 13-0023	EA	3200 Digital Messaging Wireless Clock, 2.4 GHz, 2.5", Dot Matrix Red Display, 24 VAC/VDC, Surface Wall Mount (Sapling SDLG-32S-256-4R) Note: Capability to interface with either Sapling's Elapsed Timer Control Panel Or Sapling Temperature Sensor.	1,390.47	96.22
27 53 13 13-0024	EA	3200 Digital Messaging Wireless Clock, 2.4 GHz, 2.5", Dot Matrix Red Display, 110 Volt, Surface Wall Mount (Sapling SDLG-32S-256-1R) Note: Capability to interface with either Sapling's Elapsed Timer Control Panel Or Sapling Temperature Sensor.	1,422.13	96.22
27 53 13 13-0025	EA	3300 Digital Messaging Wireless Clock, 2.4 GHz, 2.5", Dot Matrix Red Display, 24 VAC/VDC, Surface Wall Mount And Relay Output/Input (Sapling SDLG-33S-256-4R) Note: Capability to interface with either Sapling's Elapsed Timer Control Panel Or Sapling Temperature Sensor.	1,702.46	96.22
27 53 13 13-0026	EA	3300 Digital Messaging Wireless Clock, 2.4 GHz, 2.5", Dot Matrix Red Display, 110 Volt, Surface Wall Mount And Relay Output/Input (Sapling SDLG-33S-256-1R) Note: Capability to interface with either Sapling's Elapsed Timer Control Panel Or Sapling Temperature Sensor.	1,734.13	96.22
27 53 13 13-0027	EA	Short Metal Pole For Ceiling Mount Only For Double/Flag Mount, 8.5", Digital Or Square Analog Clock, Black (Sapling SAB-1BD-01S-0)	187.49	25.66
27 53 13 13-0028	EA	Metal Pole For Double/Flag Mount, Wall Or Ceiling, 13.5", Digital Or Square Analog Clock, Black (Sapling SAB-1BD-00S-0)	187.49	25.66
27 53 13 13-0029	EA	Clock Message Setup Fee, Per Clock (Sapling CLK-MSG-SETUP)	32.60	
27 53 13 13-0030	EA	USB Programming Cable + Software For 3200/3300 Digital Clocks (Sapling D-USB485-INTF-1)	263.17	3.21
27 53 13 13-0031	EA	Elapsed Timer Control Panel For 3200/3300 Clock Model (Sapling SBD-ELT-001-0)	526.34	6.41
27 53 13 13-0032	EA	Elapsed Timer Specialty Buttons Kit (Sapling SBD-ELT-BUT-0)	96.07	3.21
27 53 13 13-0033	EA	Elapsed Timer Clear Protective Cover - Set of 2 Covers (Sapling A-ELT-CLR-GUARD-1)	19.21	0.64
27 53 13 13-0034	EA	Temperature Sensor for 3200/3300 Digital Clock Model (Sapling SBD-TEMP-000-0)	120.42	6.41
27 53 13 13-0035		**2.4 GHz Wireless Message System/Master Clock And Transmitter (Sapling SMM 3000 Series)** *(27 53 13 13)* Note: Includes Sapling standard 2 year "material" warranty and applies to Master Clocks, Analog Clocks, Digital Clocks and Converter Boxes.		
27 53 13 13-0036	EA	Master Clock With 2.4 GHz Transmitter For Time Data And Messages, Rack Mount And Wall Remote Mount Antenna, 8 Programmable Relays/Zones (Sapling SMM-3R0-G008-1)	6,881.80	96.22
27 53 13 13-0037	EA	Master Clock With 2.4 GHz Transmitter And GPS For Time Data And Messages, Rack Mount And Wall Remote Mount Antenna, 8 Programmable Relays/Zones (Sapling SMM-3R0-G108-1)	9,469.91	96.22
27 53 13 13-0038	EA	Message Input Box, 16 Inputs, Rack Mount, For SMM Master Clock (Sapling SMI-000-0016-0)	3,038.21	64.14
27 53 13 13-0039	EA	Wireless Network Repeater, 2.4 GHz, 110 VAC - 230 VAC, with TCP/IP for Campus Environments, Surface Wall Mount (Sapling SMA-1SM-G000-1	1,745.87	64.14
27 53 13 13-0040	EA	NTP Server Upgrade (Sapling SMA-000-SERV-0)	3,260.40	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 53 13 13-0041	EA	Countdown Feature Upgrade (Sapling SMA-000-CDOW-0)	1,613.90	

27 53 13 13-0042 Clear Polycarbonate Protective Covers For Wireless Clocks (Sapling) *(27 53 13 13)*

Note: For applications requiring defense against constant moisture or fine dust, a silicone sealant betwen the cover and wall is recommended.

27 53 13 13-0043	EA	Clear Polycarbonate Protective Cover For 9" Square And 12" Round Analog Clock (Sapling SAG-CLR-COVR-12)	442.89	16.03
27 53 13 13-0044	EA	Clear Polycarbonate Protective Cover For 2.5" Digital Clock (Sapling SDG-CLR-COVR-25)	442.89	16.03

27 53 13 13-0045 Wire Guards For Wireless Synchronized Clocks (Sapling) *(27 53 13 13)*

27 53 13 13-0046	EA	Wire Guard For Round Or Square Analog Clocks (Sapling SAG-1200)	245.47	16.03
27 53 13 13-0047	EA	Wire Guard for 2.5" or 4.0" Digital Clocks (Sapling SDG-2017)	341.70	16.03

27 53 13 13-0048 Wireless Synchronized Clock Transmitters *(27 53 13 13)*

27 53 13 13-0049 Analog, Wireless Synchronized Clocks (Primex Traditional Series) *(27 53 13 13-0048)*

27 53 13 13-0050	EA	12.5", Battery Operated, Single Sided, Analog, Wireless Synchronized Clock	349.44	32.08
		For >100 To 250, Deduct	*-60.96*	
		For >250, Deduct	*-72.37*	
27 53 13 13-0051	EA	12.5", Battery Operated, Dual Sided, Analog, Wireless Synchronized Clock	634.74	32.08
		For >100 To 250, Deduct	*-40.98*	
		For >250, Deduct	*-49.54*	
27 53 13 13-0052	EA	16", Battery Operated, Single Sided, Analog, Wireless Synchronized Clock	408.46	32.08
		For >100 To 250, Deduct	*-71.58*	
		For >250, Deduct	*-85.35*	
27 53 13 13-0053	EA	12.5", Electric, Single Sided, Analog, Wireless Synchronized Clock	398.63	32.08
		For >100 To 250, Deduct	*-69.81*	
		For >250, Deduct	*-83.19*	
27 53 13 13-0054	EA	12.5", Electric, Dual Sided, Analog, Wireless Synchronized Clock	733.11	32.08
		For >100 To 250, Deduct	*-46.39*	
		For >250, Deduct	*-56.43*	
27 53 13 13-0055	EA	16", Electric, Single Sided, Analog, Wireless Synchronized Clock	457.65	32.08
		For >100 To 250, Deduct	*-52.89*	
		For >250, Deduct	*-68.63*	

27 53 13 13-0056 Digital, Wireless Synchronized Clocks (Primex Digital Series) *(27 53 13 13-0048)*

27 53 13 13-0057 4-Digit, Digital, Wireless Synchronized Clocks *(27 53 13 13-0056)*

27 53 13 13-0058	EA	2.5", Single Sided, 4-Digit, Red LED Digital, Wireless Synchronized Clock	516.68	32.08
		For Green LED, Add	*45.25*	
		For >100 To 250, Deduct	*-45.80*	
		For >250, Deduct	*-68.43*	
27 53 13 13-0059	EA	2.5", Dual Sided, 4-Digit, Red LED Digital, Wireless Synchronized Clock	969.22	32.08
		For Green LED, Add	*90.51*	
		For >100 To 250, Deduct	*-100.11*	
		For >250, Deduct	*-253.97*	
27 53 13 13-0060	EA	4", Single Sided, 4-Digit, Red LED Digital, Wireless Synchronized Clock	575.71	32.08
		For Green LED, Add	*51.16*	
		For >100 To 250, Deduct	*-32.62*	
		For >250, Deduct	*-47.97*	
27 53 13 13-0061	EA	4", Dual Sided, 4-Digit, Red LED Digital, Wireless Synchronized Clock	1,087.28	32.08
		For Green LED, Add	*102.31*	
		For >100 To 250, Deduct	*-91.45*	
		For >250, Deduct	*-285.85*	

27 53 13 13-0062 6-Digit, Digital, Wireless Synchronized Clocks *(27 53 13 13-0056)*

27 53 13 13-0063	EA	2.5", Single Sided, 6-Digit, Red LED Digital, Wireless Synchronized Clock	575.71	32.08
		For Green LED, Add	*51.16*	
		For >100 To 250, Deduct	*-37.74*	
		For >250, Deduct	*-54.11*	
27 53 13 13-0064	EA	2.5", Dual Sided, 6-Digit, Red LED Digital, Wireless Synchronized Clock	1,087.28	32.08
		For Green LED, Add	*102.31*	
		For >100 To 250, Deduct	*-82.24*	
		For >250, Deduct	*-193.77*	
27 53 13 13-0065	EA	2.5", Flush Mount, 6-Digit, Red LED Digital, Wireless Synchronized Clock	674.09	32.08
		For Green LED, Add	*61.00*	
		For >100 To 250, Deduct	*-30.95*	
		For >250, Deduct	*-46.20*	

27 53 13 13-0066 Wire Guards For Wireless Synchronized Clocks *(27 53 13 13-0048)*

27 53 13 13-0067	EA	18" x 18" Analog Clock Wire Guard For 16" Wireless Synchronized Clocks	179.65	16.03
27 53 13 13-0068	EA	Digital Clock Wire Guard For 2.5" Wireless Synchronized Clocks	81.27	16.03
27 53 13 13-0069	EA	Digital Clock Wire Guard For 4" Wireless Synchronized Clocks	91.11	16.03

27 53 13 13-0070 Wireless Synchronized Clock Transmitters *(27 53 13 13-0048)*

Note: Includes 16 channel transmitter with daylight savings bypass and time zone switch, GPS receiver, 16' cable and window installation hardware.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 53 13 13-0071	EA	Internal Antenna, One Watt GPS Wireless Clock Transmitter (Primex 14000)	3,920.99	96.22
		For Roof Mounted GPS Receiver, Add	*564.90*	
27 53 13 13-0072	EA	External Antenna, One Watt GPS Wireless Clock Transmitter (Primex 14000-E) Note: Includes 100' antenna cable, 29.4" high x 41.5" wide ground plane antenna with direct ground lightning protection.	6,390.29	96.22
		For Roof Mounted GPS Receiver, Add	*811.83*	
27 53 13 13-0073	EA	Repeater, Satellite Transmitter (Primex 14006) Note: Includes 100' antenna cable, 29.4" high x 41.5" wide ground plane antenna with direct ground lightning protection.	3,856.85	64.14

27 53 13 13-0074 Accessories For Wireless Synchronized Clock Transmitters *(27 53 13 13-0048)*

27 53 13 13-0075	EA	External Antenna Mounting Kit For Wireless Synchronized Clock Transmitters	346.46	25.66
27 53 13 13-0076	EA	Transmitter Rack For Wireless Synchronized Clock Transmitters	153.63	25.66
27 53 13 13-0077	EA	Surge Protector And Battery Back Up For Wireless Synchronized Clock Transmitters	233.20	12.83
27 53 13 13-0078	EA	50' GPS Receiver Cable For Wireless Synchronized Clock Transmitters	195.97	32.08
27 53 13 13-0079	EA	100' GPS Receiver Cable For Wireless Synchronized Clock Transmitters	273.30	48.11
27 53 13 13-0080	EA	200' GPS Receiver Cable For Wireless Synchronized Clock Transmitters	403.76	64.14

27 53 13 16 Wired Clock Systems *(27 53 13)*

27 53 13 16-0001 Wired Self-Corrective Clock Systems *(27 53 13 16)*

27 53 13 16-0002 Wired Self-Corrective Clocks *(27 53 13 16-0001)*

27 53 13 16-0003 Analog, Wired Self-Corrective Clocks (Telecor) *(27 53 13 16-0002)*

27 53 13 16-0004 24 Volt AC, Analog, Wired Self-Corrective Clocks *(27 53 13 16-0003)*

27 53 13 16-0005	EA	12", Single Sided, 24 Volt AC, Analog, Wired Self-Corrective Clock, Semi-Flush Mount	297.30	32.08
		For >50 To 100, Deduct	*-18.93*	
		For >100, Deduct	*-28.25*	
27 53 13 16-0006	EA	12", Dual Sided, 24 Volt AC, Analog, Wired Self-Corrective Clock, Surface Mount	713.44	32.08
		For >50 To 100, Deduct	*-35.57*	
		For >100, Deduct	*-61.55*	
27 53 13 16-0007	EA	16", Single Sided, 24 Volt AC, Analog, Wired Self-Corrective Clock, Semi-Flush Mount	374.03	32.08
		For >50 To 100, Deduct	*-25.10*	
		For >100, Deduct	*-37.49*	
27 53 13 16-0008	EA	16", Dual Sided, 24 Volt AC, Analog, Wired Self-Corrective Clock, Surface Mount	943.64	32.08
		For >50 To 100, Deduct	*-97.55*	
		For >100, Deduct	*-132.73*	

27 53 13 16-0009 120 Volt AC, Analog, Wired Self-Corrective Clocks *(27 53 13 16-0003)*

27 53 13 16-0010	EA	12", Single Sided, 120 Volt AC, Analog, Wired Self-Corrective Clock, Semi-Flush Mount	297.30	32.08
		For >50 To 100, Deduct	*-18.93*	
		For >100, Deduct	*-28.25*	
27 53 13 16-0011	EA	12", Dual Sided, 120 Volt AC, Analog, Wired Self-Corrective Clock, Surface Mount	713.44	32.08
		For >50 To 100, Deduct	*-35.57*	
		For >100, Deduct	*-61.55*	
27 53 13 16-0012	EA	16", Single Sided, 120 Volt AC, Analog, Wired Self-Corrective Clock, Semi-Flush Mount	374.03	32.08
		For >50 To 100, Deduct	*-25.10*	
		For >100, Deduct	*-37.49*	
27 53 13 16-0013	EA	16", Dual Sided, 120 Volt AC, Analog, Wired Self-Corrective Clock, Surface Mount	943.64	32.08
		For >50 To 100, Deduct	*-97.55*	
		For >100, Deduct	*-132.73*	

27 53 13 16-0014 Accessories For Analog Wired Self-Corrective Clocks *(27 53 13 16-0003)*

27 53 13 16-0015	EA	Wire Guards For 12", 15" Or 16" Analog Wired Self-Corrective Clocks	246.05	16.03
27 53 13 16-0016	EA	Back Box For 10", 12" Or 15" Flush Mount Analog Wired Self-Corrective Clocks	61.59	16.03
27 53 13 16-0017	EA	Surface Mounting Rings For 12" Analog Wired Self-Corrective Clocks	78.57	16.03
27 53 13 16-0018	EA	Surface Mounting Rings For 15" Analog Wired Self-Corrective Clocks	96.28	16.03
27 53 13 16-0019	EA	Combination Back Box For Speaker And Clock	164.17	25.66

27 53 13 16-0020 Digital, Wired Self-Corrective Clocks (Telecor) *(27 53 13 16-0002)*

27 53 13 16-0021 24 Volt AC, Digital, Wired Self-Corrective Clocks *(27 53 13 16-0020)*

27 53 13 16-0022	EA	2.5", 24 Volt AC, Digital, Wired Self-Corrective Clock, Flush Mount	368.13	32.08
		For Surface Mount, Add	*60.80*	
		For >50 To 100, Deduct	*-18.24*	
		For >100, Deduct	*-30.40*	
27 53 13 16-0023	EA	4", 24 Volt AC, Digital, Wired Self-Corrective Clock, Flush Mount	568.82	32.08
		For Surface Mount, Add	*100.94*	
		For >50 To 100, Deduct	*-30.28*	
		For >100, Deduct	*-50.47*	

27 53 13 16-0024 120 Volt AC, Digital, Wired Self-Corrective Clocks *(27 53 13 16-0020)*

27 53 13 16-0025	EA	2.5", 120 Volt AC, Digital, Wired Self-Corrective Clock, Flush Mount	368.13	32.08
		For Surface Mount, Add	*60.80*	
		For >50 To 100, Deduct	*-18.24*	
		For >100, Deduct	*-30.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 53 13 16-0026	EA	4", 120 Volt AC, Digital, Wired Self-Corrective Clock, Flush Mount	568.82	32.08
		For Surface Mount, Add	*100.94*	
		For >50 To 100, Deduct	*-30.28*	
		For >100, Deduct	*-50.47*	
27 53 13 16-0027		**Replacement Modules For 24 Volt AC, Digital, Wired Self-Corrective Clocks** *(27 53 13 16-0020)*		
27 53 13 16-0028	EA	2.5", Replacement Module For 24 Volt AC, Digital, Wired Self-Corrective Clocks	314.28	32.08
		For >50 To 100, Deduct	*-15.01*	
		For >100, Deduct	*-25.01*	
27 53 13 16-0029	EA	4" Replacement Module For 24 Volt AC, Digital, Wired Self-Corrective Clocks	520.12	32.08
		For >50 To 100, Deduct	*-27.36*	
		For >100, Deduct	*-45.60*	
27 53 13 16-0030		**Replacement Modules For 120 Volt AC, Digital, Wired Self-Corrective Clocks** *(27 53 13 16-0020)*		
27 53 13 16-0031	EA	2.5", Replacement Module For 120 Volt AC, Digital, Wired Self-Corrective Clocks	314.28	32.08
		For >50 To 100, Deduct	*-15.01*	
		For >100, Deduct	*-25.01*	
27 53 13 16-0032	EA	4" Replacement Module For 120 Volt AC, Digital, Wired Self-Corrective Clocks	520.12	32.08
		For >50 To 100, Deduct	*-27.36*	
		For >100, Deduct	*-45.60*	
27 53 13 16-0033		**Accessories For Digital Wired Self-Corrective Clocks** *(27 53 13 16-0020)*		
27 53 13 16-0034	EA	Wire Guard For 4" Surface Mount Analog Wired Self-Corrective Clocks	336.07	16.03
27 53 13 16-0035	EA	2.5", Recessed Back Box For Flush Mount Digital Wired Self-Corrective Clocks	79.30	16.03
27 53 13 16-0036	EA	4", Recessed Back Box For Flush Mount Digital Wired Self-Corrective Clocks	110.29	16.03
27 53 13 16-0037	EA	Dual Mounting Kit For Surface Mount Digital Wired Self-Corrective Clocks	293.27	16.03
27 53 13 16-0038	EA	4 Gang Extension Ring For Surface Mount Digital Wired Self-Corrective Clocks	81.52	16.03
27 53 13 16-0039		**Wired Self-Corrective Master Clocks** *(27 53 13 16-0001)*		
27 53 13 16-0040		**Wired Self-Corrective Master Clocks** *(27 53 13 16-0039)*		
27 53 13 16-0041	EA	24 Volt AC, Wired Self-Corrective Master Clock, Surface Mount (Telecor 2400-S-24)	3,458.63	256.60
27 53 13 16-0042	EA	120 Volt AC, Wired Self-Corrective Master Clock, Surface Mount (Telecor 2400-S-120)	3,679.98	256.60
27 53 13 16-0043		**Accessories For Wired Self-Corrective Master Clocks** *(27 53 13 16-0039)*		
27 53 13 16-0044	EA	5 Amperes Power Transformer For 24 Volt AC, Wired Self-Corrective Clock Systems (Telecor 2405)	351.88	64.14
27 53 13 16-0045	EA	10 Amperes Power Transformer For 24 Volt AC, Wired Self-Corrective Clock Systems (Telecor 2406)	398.35	64.14
27 53 13 16-0046		**Other Clock And Program Systems** *(27 53 13 16)*		
27 53 13 16-0047	EA	4 Circuit Master Clock And Signal Control (Lathem LTR4-512)	2,052.19	128.30
27 53 13 16-0048	EA	8 Circuit Master Clock And Signal Control (Lathem LTR8-512)	2,479.02	256.60
27 53 13 16-0049	EA	Program Bell (Lathem 906-6)	301.21	64.14
27 53 13 16-0050	EA	Combination Clock And Speaker	683.48	160.36

END OF SECTION 27

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

28 Electronic Safety and Security

Note: Termination costs are included with all safety and security equipment, panel boards, and devices. Terminations are not included with patch panels.

28 05 Common Work Results for Electronic Safety and Security *(28)*

28 05 26 Grounding and Bonding for Electronic Safety and Security *(28 05)*

See CSI section 26 05 26 00-0000 for grounding and bonding.

28 05 53 Identification for Electronic Safety and Security *(28 05)*

See CSI section 26 05 53 00-0000 for identification.

28 10 Access Control *(28)*

Note: Includes testing of new devices and certification.

28 15 Integrated Access Control Hardware Devices *(28 10)*

28 15 11 Integrated Credential Readers and Field Entry Management *(28 15)*

28 15 11 13 Keypads *(28 15 11)*

28 15 11 13-0001 Vindicator Security Alarm System *(28 15 11 13)*

28 15 11 13-0002	EA	Switch, Balanced Magnetic Door (Security) Vindicator #192-30894-00	1,717.73	267.50
28 15 11 13-0003	EA	Detector, Passive Infrared (Security) Vindicator #316-30812-00	2,171.29	347.69
28 15 11 13-0004	EA	Premise Control Unit (Security) Vindicator #548-32004-01	11,934.38	762.08
28 15 11 13-0005	EA	Access Manager (Security Key Pad) Vindicator #548-31894-01	5,655.32	649.44
28 15 11 13-0006	EA	ALS Duress Switch (Security) Vindicator #192-30810-00	1,377.14	355.25

28 16 Access Control Interfaces *(28 10)*

28 16 11 Access Control Interfaces to Access Control Hardware *(28 16)*

28 16 11 00-0001 Stand-Alone Access Controls *(28 16 11)*

28 16 11 00-0002 Push Button Controls, Stand-Alone Access Controls *(28 16 11 00-0001)*

28 16 11 00-0003 Interior Mount, Push Button Controls, Stand-Alone Access Controls *(28 16 11 00-0002)*

28 16 11 00-0004	EA	Exit Push Button, Push Button Controls, Interior Stand-Alone Access Controls Note: Controls mount to a standard mullion.	150.69	32.08
28 16 11 00-0005	EA	Exit Push Button, Push Button Controls, Interior Stand-Alone Access Controls Note: Controls mount into a single gang electrical box. Excludes electrical box.	157.90	32.08
28 16 11 00-0006	EA	Three Button, Push Button Controls, Interior Stand-Alone Access Controls For Gate Operators Note: Controls mount into a single gang electrical box. Excludes electrical box.	199.37	32.08

28 16 11 00-0007 Exterior Mount, Push Button Controls, Stand-Alone Access Controls *(28 16 11 00-0002)*

Note: Includes a lockable, gasketed 16 gauge steel enclosure. Excludes mounting posts.

28 16 11 00-0008	EA	Handicap/Push To Open, Push Button Controls, Exterior Stand-Alone Access Controls Note: Controls mount into a single gang electrical box. Excludes electrical box.	189.15	32.08
28 16 11 00-0009	EA	42" High Aluminum Post With Handicap/Push To Open, Push Button Controls, Exterior Stand-Alone Access Controls Note: Includes post, mounting base and push button control. Excludes concrete foundation.	911.27	96.22
28 16 11 00-0010	EA	Three Button, Exterior Stand-Alone Access Controls For Gate Operators Note: Includes open, close and stop controls.	307.56	32.08

28 16 11 00-0011 Key Controls, Stand-Alone Access Controls *(28 16 11 00-0001)*

28 16 11 00-0012 Interior Mount, Key Controls, Stand-Alone Access Controls *(28 16 11 00-0011)*

28 16 11 00-0013	EA	Standard Mortise Key, Key Controls, Interior Stand-Alone Access Controls Note: Controls mount into a single gang electrical box. Excludes electrical box.	212.89	32.08

28 16 11 00-0014 Exterior Mount, Key Controls, Stand-Alone Access Controls *(28 16 11 00-0011)*

Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts.

28 16 11 00-0015	EA	Postal Or Fire Department Lock Box, Key Controls, Exterior Stand-Alone Access Controls Note: Opens door or gate with a postal or fire department key.	326.64	64.14
28 16 11 00-0016	EA	Standard Mortise Key, Key Controls, Exterior Stand-Alone Access Controls	517.76	64.14
28 16 11 00-0017	EA	Ace Key, Key Controls, Exterior Stand-Alone Access Controls	517.76	64.14
28 16 11 00-0018	EA	Standard Mortise Key And Push Button Intercom, Key Controls, Exterior Stand-Alone Access Controls	791.83	64.14

28 16 11 00-0019 Keypad Controls, Stand-Alone Access Controls *(28 16 11 00-0001)*

28 16 11 00-0020 Interior Mount, Keypad Controls, Stand-Alone Access Controls *(28 16 11 00-0019)*

28 16 11 00-0021	EA	One Code Memory, Keypad Control, Interior Stand-Alone Access Controls Note: Stores one 4-digit entry code and one 4-digit hold code. Controls mount into a single gang electrical box. Excludes electrical box.	298.54	32.08

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0022		Exterior Mount, Keypad Controls, Stand-Alone Access Controls *(28 16 11 00-0019)*		
		Note: Includes a surface mounted lockable NEMA rain resistant steel enclosure. Excludes mounting posts.		
28 16 11 00-0023		Keypad Controls, Exterior Stand-Alone Access Controls *(28 16 11 00-0022)*		
28 16 11 00-0024	EA	1000 Code Memory, Keypad Control, Exterior Stand-Alone Access Controls	1,248.29	128.30
		Note: Includes lighted keypad. Stores one thousand 4-digit entry codes and six 5-digit entry codes.		
		For Flush Mount, Add	*223.13*	
28 16 11 00-0025		Keypad Controls With Push Button Intercom, Exterior Stand-Alone Access Controls *(28 16 11 00-0022)*		
		Note: Includes intercom sub-station. Excludes additional receiving intercoms.		
28 16 11 00-0026	EA	1000 Code Memory, Keypad Controls With Push Button Intercom, Exterior Stand-Alone Access Controls	1,514.75	144.33
		Note: Includes lighted keypad. Stores one thousand 4-digit entry codes and six 5-digit entry codes.		
		For Flush Mount, Add	*275.87*	
28 16 11 00-0027		RF Controls, Stand-Alone Access Controls *(28 16 11 00-0001)*		
28 16 11 00-0028		Exterior Mount, RF Controls, Stand-Alone Access Controls *(28 16 11 00-0027)*		
		Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts and transmitters.		
28 16 11 00-0029		RF Receivers, RF Controls, Exterior Stand-Alone Access Controls *(28 16 11 00-0028)*		
		Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts and transmitters.		
28 16 11 00-0030	EA	50 Code Memory, RF Receiver, RF Controls, Exterior Stand-Alone Access Controls	743.43	128.30
28 16 11 00-0031	EA	100 Code Memory, RF Receiver, RF Controls, Exterior Stand-Alone Access Controls	840.80	128.30
28 16 11 00-0032	EA	250 Code Memory, RF Receiver, RF Controls, Exterior Stand-Alone Access Controls	934.56	128.30
28 16 11 00-0033	EA	500 Code Memory, RF Receiver, RF Controls, Exterior Stand-Alone Access Controls	1,035.53	128.30
28 16 11 00-0034	EA	1000 Code Memory, RF Receiver, RF Controls, Exterior Stand-Alone Access Controls	1,129.29	128.30
28 16 11 00-0035	EA	5000 Code Memory, RF Receiver, RF Controls, Exterior Stand-Alone Access Controls	1,230.26	128.30
28 16 11 00-0036	EA	16000 Code Memory, RF Receiver, RF Controls, Exterior Stand-Alone Access Controls	1,324.02	128.30
28 16 11 00-0037		RF Transmitters, RF Controls, Exterior Stand-Alone Access Controls *(28 16 11 00-0028)*		
28 16 11 00-0038	EA	1 Button, RF Transmitter, RF Controls, Exterior Stand-Alone Access Controls	61.30	
		For >40 To 110, Deduct	*-3.07*	
		For >110, Deduct	*-6.13*	
		For Built In Proximity Tags, Add	*12.26*	
28 16 11 00-0039	EA	2 Button, RF Transmitter, RF Controls, Exterior Stand-Alone Access Controls	64.91	
		For >40 To 110, Deduct	*-3.25*	
		For >110, Deduct	*-6.49*	
		For Built In Proximity Tags, Add	*12.98*	
28 16 11 00-0040	EA	3 Button, RF Transmitter, RF Controls, Exterior Stand-Alone Access Controls	68.52	
		For >40 To 110, Deduct	*-3.43*	
		For >110, Deduct	*-6.85*	
		For Built In Proximity Tags, Add	*13.70*	
28 16 11 00-0041		Accessories For RF Receivers, Exterior Stand-Alone Access Controls *(28 16 11 00-0028)*		
28 16 11 00-0042	EA	Coax Antenna Kit For RF Receivers, Exterior Stand-Alone Access Controls	278.99	96.22
		Note: Includes 15' of coax cable.		
28 16 11 00-0043	EA	Antenna Amplifier For RF Receivers, Exterior Stand-Alone Access Controls	553.06	96.22
		Note: Includes 20' of coax cable.		
28 16 11 00-0044	EA	Yagi High-Gain Antenna Kit For RF Receivers, Exterior Stand-Alone Access Controls	502.57	96.22
		Note: Includes 15' of coax cable.		
28 16 11 00-0045		Proximity Card Controls, Stand-Alone Access Controls *(28 16 11 00-0001)*		
28 16 11 00-0046		Exterior Mount, Proximity Card Controls, Stand-Alone Access Controls *(28 16 11 00-0045)*		
		Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts.		
28 16 11 00-0047		DKS Proximity Card Controls, Exterior Stand-Alone Access Controls *(28 16 11 00-0046)*		
28 16 11 00-0048		DKS Proximity Card Readers, Exterior Stand-Alone Access Controls *(28 16 11 00-0047)*		
28 16 11 00-0049	EA	DKS Proximity Card Reader, Exterior Stand-Alone Access Controls	1,428.60	128.30
28 16 11 00-0050		AWID Proximity Card Controls, Exterior Stand-Alone Access Controls *(28 16 11 00-0046)*		
28 16 11 00-0051		AWID Proximity Card Readers, Exterior Stand-Alone Access Controls *(28 16 11 00-0050)*		
28 16 11 00-0052	EA	AWID Proximity Card Reader, Exterior Stand-Alone Access Controls	1,554.81	128.30
28 16 11 00-0053		HID Proximity Card Controls, Exterior Stand-Alone Access Controls *(28 16 11 00-0046)*		
28 16 11 00-0054		HID Proximity Card Readers, Exterior Stand-Alone Access Controls *(28 16 11 00-0053)*		
28 16 11 00-0055	EA	HID Proximity Card Reader, Exterior Stand-Alone Access Controls	1,843.31	128.30

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0056		Magnetic Stripe Card Controls, Stand-Alone Access Controls *(28 16 11 00-0001)*		
28 16 11 00-0057		Interior Mount, Magnetic Stripe Card Controls, Stand-Alone Access Controls *(28 16 11 00-0056)*		
28 16 11 00-0058	EA	Magnetic Stripe Reader, Interior Stand-Alone Access Controls	851.61	128.30
28 16 11 00-0059		Exterior Mount, Magnetic Stripe Card Controls, Stand-Alone Access Controls *(28 16 11 00-0056)*		
		Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts.		
28 16 11 00-0060	EA	Magnetic Stripe Reader, Exterior Stand-Alone Access Controls	1,055.24	128.30
28 16 11 00-0061		Other Stand-Alone Access Controls *(28 16 11 00-0001)*		
28 16 11 00-0062	EA	Toggle Switch, Interior Access Controls For Gate Operators	145.28	32.08
		Note: Controls mount into a single gang electrical box. Excludes electrical box.		
28 16 11 00-0063	EA	Request To Exit Motion Detector (Bosch Security Systems DS160)	155.21	25.66
28 16 11 00-0064		Wiegand Output Access Controls *(28 16 11)*		
		Note: Excludes controllers.		
28 16 11 00-0065		Proximity Card Controls, Wiegand Output Access Controls *(28 16 11 00-0064)*		
28 16 11 00-0066		DKS, Proximity Card Controls, Wiegand Output Access Controls *(28 16 11 00-0065)*		
28 16 11 00-0067		DKS, Proximity Cards *(28 16 11 00-0066)*		
28 16 11 00-0068	EA	Clamshell Type, DKS Proximity Card (DKS 170)	9.59	
28 16 11 00-0069	EA	ISO Compliant Graphics Card, DKS Proximity Card (DKS 80)	15.82	
28 16 11 00-0070	EA	DKS Proximity Key Fob (DKS 50)	16.66	
28 16 11 00-0071	EA	Active Tag, DKS Proximity Tag (DKS 150)	94.24	
		Note: Battery powered tag to boost signal.		
28 16 11 00-0072	EA	Active Tag, DKS Proximity Tag (DKS 200)	122.85	
		Note: Battery powered tag to boost signal.		
28 16 11 00-0073		DKS, Proximity Card Readers, Wiegand Output Access Controls *(28 16 11 00-0066)*		
28 16 11 00-0074	EA	Up To 2" Read Range, 12 Volt DC, DKS Proximity Card Reader, Wiegand Output Access Controls (DKS Small)	512.59	160.36
28 16 11 00-0075	EA	Up To 3" Read Range, 12 Volt DC, DKS Proximity Card Reader, Wiegand Output Access Controls (DKS Mullion)	512.59	160.36
28 16 11 00-0076	EA	Up To 4" Read Range, 12 Volt DC, DKS Proximity Card Reader, Wiegand Output Access Controls (DKS Single Gang)	512.59	160.36
28 16 11 00-0077	EA	Up To 30" Read Range, 12 Volt DC, DKS Proximity Card Reader, Wiegand Output Access Controls (DKS)	1,411.24	160.36
		Note: Includes mounting bracket and 12 Volt DC regulated power supply.		
28 16 11 00-0078		AWID, Proximity Card Controls, Wiegand Output Access Controls *(28 16 11 00-0065)*		
28 16 11 00-0079		AWID, Proximity Cards *(28 16 11 00-0078)*		
28 16 11 00-0080	EA	Clamshell Type, AWID Proximity Card (AWID Prox-Linc CS)	8.08	
28 16 11 00-0081	EA	ISO Compliant Graphics Card, AWID Proximity Card (AWID Prox-Linc GR)	12.62	
28 16 11 00-0082	EA	AWID Proximity Key Fob (AWID Prox-Linc KT)	13.46	
28 16 11 00-0083	EA	Windshield Tag For LR 2000 Readers, AWID Proximity Tag	47.12	
28 16 11 00-0084	EA	Metal Mount Tag For LR 2000 Readers, AWID Proximity Tag	47.12	
28 16 11 00-0085		AWID, Proximity Card Readers, Wiegand Output Access Controls *(28 16 11 00-0078)*		
28 16 11 00-0086	EA	Up To 4" Read Range, 5-12 Volt DC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID SR 2400)	623.66	160.36
		Note: For mullion mounting.		
28 16 11 00-0087	EA	Up To 8" Read Range, 5-12 Volt DC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID MM 6800)	865.99	160.36
		Note: For mullion mounting.		
28 16 11 00-0088	EA	Up To 8" Read Range, 5-12 Volt DC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID MM 6820)	865.99	160.36
		Note: For single gang electrical box mounting.		
28 16 11 00-0089	EA	Up To 24" Read Range, 5-12 Volt DC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID MR 1824)	1,414.61	160.36
		Note: Includes 12 Volt DC regulated power supply.		
28 16 11 00-0090	EA	Up To 11' Read Range, 12 Volt DC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID LR 2000)	7,997.99	160.36
		Note: Includes mounting bracket and 12 Volt DC regulated power supply.		
28 16 11 00-0091		HID, Proximity Card Controls, Wiegand Output Access Controls *(28 16 11 00-0065)*		
28 16 11 00-0092		HID, Proximity Cards *(28 16 11 00-0091)*		
28 16 11 00-0093	EA	Clamshell Type, HID Proximity Card (HID ProxCard II)	19.38	
28 16 11 00-0094	EA	ISO Compliant Graphics Card, HID Proximity Card (HID ISOProx II)	25.44	
28 16 11 00-0095	EA	HID Proximity Key Fob (HID ProxKey II)	26.11	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0096		HID, Proximity Card Readers, Wiegand Output Access Controls *(28 16 11 00-0091)*		
28 16 11 00-0097	EA	Up To 3" Read Range, 5-16 Volt DC, HID Proximity Card Reader, Wiegand Output Access Controls (HID ProxPoint Plus) Note: For mullion mounting. (HID P/N 6005).	574.51	160.36
28 16 11 00-0098	EA	Up To 5" Read Range, 5-16 Volt DC, HID Proximity Card Reader, Wiegand Output Access Controls (HID ThinLine II) Note: For single gang electrical box mounting. (HID P/N 5395).	677.05	160.36
28 16 11 00-0099	EA	Up To 5" Read Range, 5-16 Volt DC, HID Proximity Card Reader, Wiegand Output Access Controls (HID MiniProx) Note: For mullion mounting. (HID P/N 5365).	753.95	160.36
28 16 11 00-0100	EA	EntryProx Single-Door Proximity Access Control Note: (HID P/N 4045) Stores up to 2,000 users and 1,000 time-stamped transactions 12 position keypad for Pin entry or programming optional use with card/key fob, code only or card plus pin code Wiegand output mode. Continental Instrument CICR2358P.	961.58	160.36
28 16 11 00-0101		Contactless Smart Card Controls, Wiegand Output Access Controls *(28 16 11 00-0064)*		
28 16 11 00-0102		HID, Contactless Smart Cards *(28 16 11 00-0101)*		
28 16 11 00-0103	EA	2K Bits, Clamshell Type, HID iClass, Contactless Smart Card	14.81	
28 16 11 00-0104	EA	16K Bits, ISO Compliant Graphics Card, HID iClass, Contactless Smart Card	16.17	
28 16 11 00-0105	EA	16K Bits, Contactless Smartcard Key Fob, HID iClass, Contactless Smart Card	21.16	
28 16 11 00-0106	EA	16K Bits, Contactless Smartcard Tag, HID iClass, Contactless Smart Card Note: Battery powered tag to boost signal.	11.45	
28 16 11 00-0107		HID, Contactless Smart Card Readers, Wiegand Output Access Controls *(28 16 11 00-0101)*		
28 16 11 00-0108	EA	Up To 3-1/4" Read Range, 5-16 Volt DC, HID iClass Contactless Smart Card Reader, Wiegand Output Access Controls (HID R10) Note: For mullion mounting.	587.84	160.36
28 16 11 00-0109	EA	Up To 4-1/4" Read Range, 5-12 Volt DC, HID iClass Contactless Smart Card Reader, Wiegand Output Access Controls (HID R40) Note: For mullion mounting.	809.97	160.36
28 16 11 00-0110	EA	Up To 4-1/4" Read Range, 5-12 Volt DC, HID iClass Contactless Smart Card Reader With Keypad, Wiegand Output Access Controls (HID RK40) Note: For mullion mounting.	1,309.79	160.36
28 16 11 00-0111		HID, Contactless Smart Card Programmer, Wiegand Output Access Controls *(28 16 11 00-0101)*		
28 16 11 00-0112	EA	HID iClass Contactless Smart Card Programmer, Wiegand Output Access Controls (HID CP400) Note: For mullion mounting.	4,120.90	160.36
28 16 11 00-0113		Call Station Controls, Wiegand Output Access Controls *(28 16 11 00-0064)* Note: Includes intercom sub-station. Excludes additional receiving intercoms.		
28 16 11 00-0114	EA	Call Station With Entry Keypad, Exterior Wiegand Output Access Controls Note: For mullion mounting.	1,618.95	160.36
28 16 11 00-0115	EA	Call Station With Proximity Card Reader, Exterior Wiegand Output Access Controls Note: For mullion mounting.	1,348.49	160.36
28 16 11 00-0116		Biometrics Readers, Wiegand Output Access Controls *(28 16 11 00-0064)*		
28 16 11 00-0117	EA	Palm Reader Recognition System, Biometrics Readers, Wiegand Output Access Controls	7,043.92	128.30
28 16 11 00-0118	EA	CCD Camera, Face Image, Biometrics Readers, Wiegand Output Access Controls	8,603.59	128.30
28 16 11 00-0119	EA	Video Grabber Card For DFR Reader, Biometrics Readers, Wiegand Output Access Controls	3,391.62	128.30
28 16 11 00-0120	EA	Fingerprint Reader, Biometrics Readers, Wiegand Output Access Controls (Bioscrypt V-Pass)	2,094.53	128.30
28 16 11 00-0121	EA	Fingerprint Reader With HID Card Reader, Biometrics Readers, Wiegand Output Access Controls (Bioscrypt V-Prox)	2,332.54	128.30
28 16 11 00-0122	EA	Fingerprint Reader With Contactless Smart Card Reader, Biometrics Readers, Wiegand Output Access Controls (Bioscrypt V-Smart)	2,094.53	128.30
28 16 11 00-0123		Exterior Mounting Posts For Gate Operator Access Controls *(28 16 11)* Note: Includes mounting plate for access controls, baked on enamel finish and mounting bolt covers. Excludes concrete pads and electrical connections.		
28 16 11 00-0124		2" x 2" Steel, Exterior Mounting Posts For Gate Operator Access Controls *(28 16 11 00-0123)*		
28 16 11 00-0125	EA	44" Tall, Gooseneck Style, Single Mount, 2" x 2" Steel, Exterior Mounting Post For Gate Operator Access Controls Note: Includes a 5" x 5" base plate.	488.86	51.51
28 16 11 00-0126	EA	73" Tall, Gooseneck Style, Dual Mount, 2" x 2" Steel, Exterior Mounting Post For Gate Operator Access Controls Note: Includes an 8" x 8" base plate.	914.38	51.51
28 16 11 00-0127	EA	Anchor Post For 2" x 2" Steel, Exterior Mounting Post For Gate Operator Access Controls Note: Includes a 24" in-ground post with matching base plate, conduit access and mounting hardware.	445.58	51.51
28 16 11 00-0128		4" x 4" Steel, Exterior Mounting Posts For Gate Operator Access Controls *(28 16 11 00-0123)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0129	EA	59" Tall, Straight Style, Single Mount, 4" x 4" Steel, Exterior Mounting Post For Vehicular Gate Operator Access Controls Note: Includes an 8" x 8" base plate.	866.48	61.81
28 16 11 00-0130	EA	49" Tall, Offset Style, Single Mount, 4" x 4" Steel, Exterior Mounting Post For Vehicular Gate Operator Access Controls Note: Includes an 8" x 8" base plate and a 14" offset from back of post.	1,025.15	61.81
28 16 11 00-0131	EA	Anchor Post For 4" x 4" Steel, Exterior Mounting Post For Vehicular Gate Operator Access Controls Note: Includes a 24" in-ground post with matching base plate, conduit access and mounting hardware.	646.50	61.81
28 16 11 00-0132		**4" x 8" Steel, Exterior Mounting Posts For Gate Operator Access Controls** *(28 16 11 00-0123)*		
28 16 11 00-0133	EA	59" Tall, Straight Style, Single Mount, 4" x 8" Steel, Exterior Mounting Post For Gate Operator Access Controls Note: Includes a 11" x 13" base plate.	2,732.91	77.26
28 16 11 00-0134	EA	50" Tall, Offset Style, Single Mount, 4" x 8" Steel, Exterior Mounting Post For Gate Operator Access Controls Note: Includes a 10" x 14" base plate and a 14" offset from back of post.	2,859.12	77.26
28 16 11 00-0135	EA	Anchor Post For 4" x 8" Steel, Exterior Mounting Post For Gate Operator Access Controls Note: Includes a 24" in-ground post with matching base plate, conduit access and mounting hardware.	1,218.32	25.75
28 16 11 00-0136	EA	48" Light Tower For 4" x 8" Steel, Exterior Mounting Post For Gate Operator Access Controls	1,903.49	77.26
28 16 11 00-0137		**Access Control Accessories** *(28 16 11)*		
28 16 11 00-0138	EA	6 Volt DC, 12 Volt DC, Or 24 Volt DC, At 4 Amperes, Power Supply/Charger (Altronix SMP-5)	672.42	
28 16 11 00-0139	EA	7 Amperes, 12 Volt, Battery	88.64	
28 16 11 00-0140	EA	18 Amperes, 12 Volt, Battery	197.57	
28 16 11 00-0141	EA	Door Personality Module (Sensormatic RM-4)	732.44	32.08
28 16 11 00-0142	EA	Mini-Alert Door Ajar Sounder (System Sensor PA400)	296.86	64.14
28 16 11 00-0143	EA	Recessed Contact For Steel Doors, Door Monitor Switch (Sentrol 1078C)	90.06	38.49
28 16 11 00-0144	EA	Access Control Systems Power Supply (Altronix AL400ULACMCB)	807.49	25.66
28 16 11 00-0145	EA	Surge Suppressor (Tripp-Lite IBAR4)	121.78	6.42
28 16 11 00-0146	EA	Door Strike Relay (Altronix RBSN-TTL)	84.94	25.66
28 16 11 00-0147	EA	4" Diameter x 74" High, Powder Coated Steel, Burial Mount Gooseneck For Access Control Devices (GNB-1) Note: Set in concrete.	510.30	
28 16 11 00-0148	EA	16-Zone Input, Door Controller Expansion Module With 16" SPI Cable (Kantech KT-MOD-INP16)	718.54	160.36
28 16 11 00-0149		**Access Controllers** *(28 16 11)*		
28 16 11 00-0150		**Microterm Controller** *(28 16 11 00-0149)*		
28 16 11 00-0151	EA	Microterm Stand-Alone One Or Two Door Processing Panel (Continental Instruments CICP1100) Note: Up to 1,000 card capacity. Includes 2 alarm inputs, tamper alarm, and 3 relay outputs.	1,858.26	160.36
28 16 11 00-0152	EA	Microterm PC Board (Continental Instruments CICP1100PCB)	1,343.71	96.22
28 16 11 00-0153	EA	Battery Standby For Microterm (Continental Instruments CICP1100BAT-2) Note: Input 120 Volt AC, output 12 Volt DC to temporarily power the Microterm only.	639.91	
28 16 11 00-0154		**Miniterm Controller** *(28 16 11 00-0149)*		
28 16 11 00-0155	EA	Miniterm Two Reader Processing Panel (Continental Instrument CICP1200) Note: Up to 3,000 card capacity. Includes 8 EOL Class A supervised alarm inputs, temper alarm, and 5 relay outputs. Complete in a lockable steel enclosure with battery standby for memory and system operation.	2,913.84	160.36
28 16 11 00-0156	EA	Miniterm PC Board (Continental Instrument CICP1200PCB)	2,206.47	96.22
28 16 11 00-0157		**Super-2 Controller** *(28 16 11 00-0149)*		
28 16 11 00-0158	EA	Super-Two - Two Reader Processing Panel (Continental Instruments CICP1300) Note: For use with CA3000 V2.0.25 and above. Up to a 125,000 card capacity, 8 EOL supervised alarm inputs, tamper, 5 relay outputs. Support for on-board LAN adapter, 57,600 baud rate, 6 access groups per card-holder and compressed data mode. Complete in a lockable steel enclosure with battery standby for memory and system operation.	2,154.93	160.36
28 16 11 00-0159	EA	Super-Two - PC Board (Continental Instruments CICP1300BD)	1,481.15	96.22
28 16 11 00-0160	EA	Network Interface Board For Super-2 (Continental Instruments CICP1300NETBD) Note: Optional on-board adapter allows for communication over TCP/IP.	406.64	96.22
28 16 11 00-0161		**Smarterm Controller** *(28 16 11 00-0149)*		
28 16 11 00-0162	EA	Smarterm Four Reader Processing Panel (Continental Instrument CICP1400) Note: Card capacity up to 2,500. Includes 16 alarm inputs, tamper alarm, and 9 relay outputs. Complete in a lockable steel enclosure with battery standby for memory and system operation.	6,127.11	192.44
28 16 11 00-0163	EA	Smarterm PC Board (Continental Instrument CICP1400PCB)	4,721.31	96.22
28 16 11 00-0164	EA	Smarterm Memory Board - 256K (Continental Instrument CICP1400MB256-1) Note: Up to 10,000 cardholders.	1,834.25	96.22
28 16 11 00-0165	EA	Smarterm Memory Board - 2MB (Continental Instrument CICP1400MB2-1) Note: Up to 50,000 cardholders.	2,609.73	96.22
28 16 11 00-0166	EA	Smarterm Relay Expander Board (Continental Instrument CICP1400RB) Note: 16 Output relays, 8 alarm inputs.	2,028.64	96.22
28 16 11 00-0167	EA	Smarterm Alarm Expander Board (Continental Instrument CICP1400RB) Note: (Supervised) 16 alarm inputs.	2,028.64	96.22
28 16 11 00-0168		**Superterm-4 Controller** *(28 16 11 00-0149)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0169	EA	Superterm-4 - Four Reader Processing Panel (Continental Instrument CICP1400UL) Note: 20,000 card capacity, 12 supervised alarm inputs, tamper alarm, and 9 relay outputs. Complete in a painted steel enclosure with 7 AH battery standby for system operation.	5,653.89	192.44
28 16 11 00-0170	EA	Superterm-4 PC Board (Continental Instrument CICP1400ULPCB)	4,641.76	96.22
28 16 11 00-0171		**Superterm-8 Controller** *(28 16 11 00-0149)*		
28 16 11 00-0172	EA	Superterm-8 - Eight Reader Processing Panel (Continental Instrument CICP1800) Note: Up to 20,000 card capacity, 24 supervised alarm inputs, tamper alarm, and 17 relay outputs. Complete in a steel enclosure including 7 AH battery standby for memory and system operation.	7,521.04	320.74
28 16 11 00-0173	EA	Superterm-8 - Eight Reader Processing Panel, Expanded Power (Continental Instrument CICP1800EXP) Note: With expanded power supply. (required if more than 1 relay expander board is used.) Up to 20,000 card capacity, 24 supervised alarm inputs, tamper alarm, and 17 relay outputs. Complete in a steel enclosure including 7 AH battery standby for memory and system operation.	8,167.26	320.74
28 16 11 00-0174	EA	Superterm-8 PC Board (Continental Instrument CICP1800PCB)	6,252.31	96.22
28 16 11 00-0175		**Turbo Superterm-4 Controller** *(28 16 11 00-0149)*		
28 16 11 00-0176	EA	Turbo Superterm-4 - Four Reader Processing Panel (Continental Instrument CICP1400ULT) Note: 20,000 Card capacity, 12 supervised alarm inputs, tamper alarm, and 9 relay outputs. Complete in a painted steel enclosure with 7 AH battery standby for system operation.	5,653.89	192.44
28 16 11 00-0177	EA	Turbo Superterm-4 PC Board (Continental Instrument CICP1400ULTPCB)	4,641.76	96.22
28 16 11 00-0178		**Turbo Superterm-8 Controller** *(28 16 11 00-0149)*		
28 16 11 00-0179	EA	Turbo Superterm-8 - Eight Reader Processing Panel (Continental Instrument CICP1800T) Note: For use with CA3000 V2.0.25 and above. Up to 40,000 card capacity, 24 supervised alarm inputs, tamper alarm, and 17 relay outputs. Complete in a steel enclosure including a 7 AH battery standby for memory and system operation.	7,521.04	320.74
28 16 11 00-0180	EA	Turbo Superterm-8 -Eight Reader Processing Panel, Expanded Power (Continental Instrument CICP1800TEXP) Note: Required if more than one relay expander board is used. Up to 40,000 card capacity, 24 supervised alarm inputs, tamper alarm, and 17 relay outputs. Complete in a steel enclosure including a 7 AH battery standby for memory and system operation.	8,167.26	320.74
28 16 11 00-0181	EA	Turbo Superterm-8 PC Board (Continental Instrument CICP1800TPCB)	6,252.31	96.22
28 16 11 00-0182	EA	Superterm Memory Board - 2MB (Continental Instrument CICP1800MB2) Note: Up to 140,000 cardholders.	2,609.73	96.22
28 16 11 00-0183	EA	Turbo/Superterm-8 Memory Board - 2MB (Continental Instrument CICP1800MB2X2) Note: Up to 140,000 cardholders.	2,196.13	96.22
28 16 11 00-0184	EA	Turbo Superterm-8 Relay Expander Board (Continental Instrument CICP1800RB) Note: 16 Output relays, 8 alarm inputs.	2,030.73	96.22
28 16 11 00-0185	EA	Turbo Superterm-8 Alarm Expander Board (Continental Instrument CICP1800RB) Note: (Supervised) 16 Alarm inputs.	2,030.73	96.22
28 16 11 00-0186	EA	Expanded Power Supply For Superterm Or Turbo Superterm (Continental Instrument CICPEXPPWS)	828.90	
28 16 11 00-0187		**Intelligent Controller** *(28 16 11 00-0149)*		
28 16 11 00-0188	EA	Intelligent Controller With Paired Reader Interface for One Physical Barrier (Mercury Security EP-1501)	1,454.28	96.22
28 16 11 00-0189	EA	Up To 64 Doors, Access Controller (Mercury Security EP-1502)	2,509.55	160.36
28 16 11 00-0190		**Access Control Bundled System** *(28 16 11)*		
28 16 11 00-0191	EA	CA 3000 Bundled System, Supports 25 Users (Continental Instrument CA3B250P4O3V0R0) Note: System includes PC, monitor, keyboard, mouse, OS, Card Access 3000 file server software, MS SQL 2000, 1 SQL host license, and security key.	41,034.41	
28 16 11 00-0192		**Magnetic Locks** *(28 16 11)* Note: Excludes access controls.		
28 16 11 00-0193		**Magnetic Door Locks** *(28 16 11 00-0192)*		
28 16 11 00-0194		**300 Lb. Magnetic Door Locks** *(28 16 11 00-0193)*		
28 16 11 00-0195	EA	Single Door, Surface Mount, 300 Lb. Magnetic Door Lock	685.73	128.30
28 16 11 00-0196		**600 Lb. Magnetic Door Locks** *(28 16 11 00-0193)*		
28 16 11 00-0197	EA	600 Lb., Single Door, Surface Mount, Magnetic Door Lock	983.24	128.30
		For LED Status Indicator And Signal Relay, Add	*90.83*	
		For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add	*181.66*	
		For Mortise Mount, Deduct	*-145.33*	
28 16 11 00-0198	EA	600 Lb., Dual Doors, Surface Mount, Magnetic Door Lock	1,471.87	128.30
		For LED Status Indicator And Signal Relay, Add	*151.91*	
		For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add	*303.82*	
28 16 11 00-0199		**1,200 Lb. Magnetic Door Locks** *(28 16 11 00-0193)*		
28 16 11 00-0200	EA	1,200 Lb., Single Door, Surface Mount, Magnetic Door Lock	1,028.32	128.30
		For LED Status Indicator And Signal Relay, Add	*177.50*	
		For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add	*231.52*	
28 16 11 00-0201	EA	Dual Doors, Surface Mount, 1,200 Lb. Magnetic Door Lock	1,569.24	128.30
		For LED Status Indicator And Signal Relay, Add	*301.91*	
		For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add	*393.79*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0202		2,000 Lb. Shear Lock, Magnetic And Mechanical Locks *(28 16 11 00-0193)*		
		Note: Includes LED status indicator and built-in signal relay.		
28 16 11 00-0203	EA	Single Door, Mortise Mount, 2,000 Lb. Shear Lock, Magnetic And Mechanical Door Lock	1,077.00	128.30
28 16 11 00-0204		Magnetic Gate Locks *(28 16 11 00-0192)*		
28 16 11 00-0205		600 Lb. Magnetic Gate Locks *(28 16 11 00-0204)*		
28 16 11 00-0206	EA	600 Lb. Magnetic Gate Lock	804.73	128.30
28 16 11 00-0207		1,200 Lb. Magnetic Gate Locks *(28 16 11 00-0204)*		
28 16 11 00-0208	EA	1,200 Lb. Magnetic Gate Lock	968.81	128.30
		For LED Status Indicator And Signal Relay, Add	*89.03*	
		For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add	*178.05*	
		For Mortise Mount, Deduct	*-142.44*	
28 16 11 00-0209		Magnetic Lock Power Supply And Chargers *(28 16 11 00-0192)*		
		Note: Includes lockable metal enclosure, batteries, battery charger and electronically regulated outputs.		
28 16 11 00-0210	EA	12/24 Volt DC At 1 Ampere, Magnetic Lock Backup Power Supply And Charger	594.81	128.30
28 16 11 00-0211	EA	12/24 Volt DC At 2-1/2 Amperes, Magnetic Lock Backup Power Supply And Charger	758.29	128.30
28 16 11 00-0212	EA	12 Volt DC At 4 Amperes And 24 Volt DC At 3 Amperes, Magnetic Lock Backup Power Supply And Charger	854.46	128.30
28 16 11 00-0213	EA	12/24 Volt DC At 6 Amperes, Magnetic Lock Backup Power Supply And Charger	1,075.63	128.30
28 16 11 00-0214		Master Door Buzzer Stations *(28 16 11)*		
28 16 11 00-0215		Master Stations *(28 16 11 00-0214)*		
28 16 11 00-0216	EA	Master Stations, 5 Station Intercommunication Equipment	1,219.51	200.14
28 16 11 00-0217	EA	Master Stations, 10 Station Intercommunication Equipment	1,829.96	387.45
28 16 11 00-0218	EA	Master Station, Desk Style Remote Intercommunication Equipment	523.76	100.07
28 16 11 00-0219	EA	Master Station, Flush Wall Remote Intercommunication Equipment	669.17	166.79
28 16 11 00-0220	EA	Sound System Outlet, Protector	171.13	65.31
28 16 11 00-0221	EA	Sound System Microphone Outlet	298.79	133.68
28 16 11 00-0222	EA	Ceiling Or Wall, Sound System Speaker	229.66	65.31
28 16 11 00-0223	EA	Sound System Monitor Panel	672.62	133.68
28 16 11 00-0224	EA	Sound System Volume Control	198.12	65.31
28 16 11 00-0225	EA	250 Watt, Sound System Amplifier	3,114.34	534.61
28 16 11 00-0226	EA	Sound System Cabinet	1,812.25	534.61
28 16 11 00-0227		Master Door Stations *(28 16 11 00-0214)*		
28 16 11 00-0228	EA	Master Door Stations, Button Buzzer Type, 25 Station	2,670.14	
		For Intercom Type Master Door Station, Add	*224.87*	
28 16 11 00-0229	EA	Master Door Stations, Button Buzzer Type, 50 Station	4,421.67	
		For Intercom Type Master Door Station, Add	*364.28*	
28 16 11 00-0230	EA	Master Door Stations, Button Buzzer Type, 75 Station	6,066.21	
		For Intercom Type Master Door Station, Add	*472.22*	
28 16 11 00-0231	EA	Master Door Stations, Button Buzzer Type, 100 Station	6,934.99	
		For Intercom Type Master Door Station, Add	*553.17*	
28 16 11 00-0232	EA	Master Door Stations, Button Buzzer Type, 150 Station	8,425.87	
		For Intercom Type Master Door Station, Add	*809.51*	
28 16 11 00-0233	EA	Master Door Stations, Button Buzzer Type, 200 Station	9,892.70	
		For Intercom Type Master Door Station, Add	*1,043.37*	
28 16 11 00-0234	EA	Master Door Stations, Button Buzzer Type, 250 Station	12,456.09	
		For Intercom Type Master Door Station, Add	*1,349.19*	
28 16 11 00-0235	EA	Master Door Stations, Button Buzzer Type, 300 Station	14,876.28	
		For Intercom Type Master Door Station, Add	*1,547.07*	
28 16 11 00-0236	EA	Transformer	186.76	
28 16 11 00-0237	EA	Door Opener	276.35	
28 16 11 00-0238	EA	Buzzer With Door Release And Plate	340.55	
28 16 11 00-0239	EA	Amplifier For Intercom Type Unit	561.37	
28 16 11 00-0240	EA	Speaker With Door Release	235.49	

28 20 Video Surveillance *(28)*

Note: Includes testing of new devices and certification.

28 21 Surveillance Cameras *(28 20)*

28 21 31 Proprietary Surveillance Camera Systems *(28 21)*

Note: Includes programming of equipment, testing and certification of new devices.

28 21 31 00-0001 Closed Circuit Television And Surveillance Systems *(28 21 31)*

28 21 31 00-0002 Cameras And Accessories *(28 21 31 00-0001)*

28 21 31 00-0003 Cameras *(28 21 31 00-0002)*

28 21 31 00-0004 General Use Video Camera *(28 21 31 00-0003)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0005	EA	Camera, Day/Night With Auto Iris Lens (Samsung SHC-721A)	1,658.45	126.35
28 21 31 00-0006	EA	Camera With Auto Iris Lens (Panasonic WV-CW 474S)	739.85	126.35
28 21 31 00-0007	EA	Camera With Auto Iris Lens (Panasonic CW244)	1,447.12	126.35
28 21 31 00-0008	EA	Dome (Panasonic WC-CW-244)	1,204.64	126.35
28 21 31 00-0009	EA	Camera, Zoom Day Night Pole Mounted (Pelco PTZ 23X)	3,337.69	126.35
28 21 31 00-0010	EA	Arecont Vision AV8365 8 Megapixel 360 Degree IP Camera	3,625.33	126.35
28 21 31 00-0011	EA	Arecont Vision AV8155 8 Megapixel 360 Degree IP Camera	6,453.88	126.35
28 21 31 00-0012	EA	Arecont Vision 8 Megapixel 180 Degree IP Camera	3,620.67	126.35
28 21 31 00-0013	EA	Arecont Vision AV3155 3 Megapixel Day/Night Camera	2,588.43	126.35
28 21 31 00-0014	EA	Arecont Vision AV5155 5 Megapixel Day/Night Camera	2,733.92	126.35
28 21 31 00-0015	EA	JVC 920U Hi-Res Day/Night Camera	559.76	126.35
28 21 31 00-0016	EA	NUVICO Vandal Dome Camera D/N 580TVL 2.8-10MM 12/24	562.08	126.35
28 21 31 00-0017	EA	NUVICO Indoor Dome Camera 580TVL 2.8-10MM, 12/24	534.25	126.35
28 21 31 00-0018	EA	Fixed Dome Network Camera, 2048 x 1536 Max Resolution, Remote Focus, Extreme Weather (Vivitek FD9371-EHTV)	1,850.32	126.35
28 21 31 00-0019		Camera Power Supply *(28 21 31 00-0003)*		
28 21 31 00-0020	EA	100 VA Outdoor Power Supply	385.18	63.17
28 21 31 00-0021	EA	Surge Protector, Isolated Coax Protector For CCTV	152.95	31.18
28 21 31 00-0022	EA	Altronics Power Supply With 8 Fused Outputs	643.99	126.35
28 21 31 00-0023		Camera Mounting *(28 21 31 00-0002)*		
28 21 31 00-0024		Camera Wall Mounts *(28 21 31 00-0023)*		
28 21 31 00-0025	EA	Parapet Camera Wall Mount, 1.5" Diameter Pipe	667.77	126.20
28 21 31 00-0026	EA	Spectra Wall Mount, Gray	196.46	63.17
28 21 31 00-0027	EA	Spectra Wall Mount Pole Adapter For SWM-GY	160.58	63.17
28 21 31 00-0028	EA	Wall Mount Bracket For Exterior CCTV	516.70	126.35
28 21 31 00-0029		Video Monitor *(28 21 31 00-0002)*		
28 21 31 00-0030	EA	17" Color Video Monitor Note: JVC model number TM-H1700GU.	1,471.01	256.60
28 21 31 00-0031		Digital Video Recorders *(28 21 31 00-0002)*		
28 21 31 00-0032	EA	Dedicated Micros 16 Channel 500 GB HD; DMSP 16MINA	5,907.46	
28 21 31 00-0033	EA	Dedicated Micros 4 Channel 80 GB HD; D4A-DX4C	1,502.35	
28 21 31 00-0034	EA	Dedicated Micros Digital Sprite 2; DS2PD 16500	6,889.30	
28 21 31 00-0035	EA	Enterprise Class Timesight NVR, Video Lifecycle Management Server; DM-SDEXC16MAX-A Note: (Hybrid NVR/DVR 8 Analog & 4 IP Channels)	11,585.74	
28 21 31 00-0036	EA	Enterprise Class Timesight NVR, Video Lifecycle Management Server; DM-SDACP32MAX-A Note: (Hybrid NVR/DVR 8 Analog & 4 IP Channels)	974.48	
28 21 31 00-0037	EA	Enterprise Class Timesight NVR, Video Lifecycle Management Server; DM-SDACP16MAX-A Note: (Hybrid NVR/DVR 8 Analog & 4 IP Channels)	9,550.32	
28 21 31 00-0038	EA	Enterprise Class Timesight NVR, Video Lifecycle Management Server; DM-SDACP16MIN-A Note: (Hybrid NVR/DVR 8 Analog & 4 IP Channels)	7,584.26	
28 21 31 00-0039	EA	Enterprise Class Timesight NVR, Video Lifecycle Management Server; DM-SDACP08MIN-A Note: (Hybrid NVR/DVR 8 Analog & 4 IP Channels)	6,447.84	
28 21 31 00-0040	EA	Prodigy 8 Channel 1000 GB HD	4,694.26	
28 21 31 00-0041		Wireless Hardware *(28 21 31 00-0002)*		
28 21 31 00-0042	EA	MIMO PB24M24 Outdoor Wireless Box	1,902.71	
28 21 31 00-0043	EA	VLRM24 Wireless 2.4GHz MIMO Access Point	1,184.56	
28 21 31 00-0044		Network Video Recorders *(28 21 31 00-0002)*		
28 21 31 00-0045	EA	16-Channel 2U Rack-Mountable, Network Video Recorder (NUUO TP-8160R Titan Pro)	9,746.62	
28 21 31 00-0046		Closed Circuit Television And Surveillance Systems (Pelco) *(28 21 31)*		
28 21 31 00-0047		Cameras And Accessories *(28 21 31 00-0046)*		
28 21 31 00-0048		Cameras *(28 21 31 00-0047)*		
28 21 31 00-0049		Compact, 1/3" Format Cameras *(28 21 31 00-0048)*		
28 21 31 00-0050		High Resolution Color, Compact, 1/3" Format Cameras *(28 21 31 00-0049)*		
28 21 31 00-0051	EA	High Resolution Day/Night, Compact, 1/3" Format Camera (Pelco C10DN-6)	693.61	32.13
28 21 31 00-0052		Day/Night, Compact, 1/3" Format Cameras *(28 21 31 00-0049)*		
28 21 31 00-0053	EA	High Resolution Color, Compact, 1/3" Format Camera (Pelco C10CH-6)	408.16	32.13
28 21 31 00-0054		Camerapaks *(28 21 31 00-0047)* Note: Includes camera and lens.		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0055		Camerapaks *(28 21 31 00-0054)*		
28 21 31 00-0056		High Resolution Color, Camerapaks *(28 21 31 00-0055)*		
28 21 31 00-0057		Fixed Focus, High Resolution Color, Camerapaks *(28 21 31 00-0056)*		
28 21 31 00-0058		Manual Iris, Fixed Focus, High Resolution Color, Camerapaks *(28 21 31 00-0057)*		
28 21 31 00-0059	EA	2.3 mm, Manual Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F2.3)	531.97	32.13
28 21 31 00-0060	EA	2.8 mm, Manual Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F2.8)	499.87	32.13
28 21 31 00-0061	EA	4 mm, Manual Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F4)	484.97	32.13
28 21 31 00-0062	EA	8 mm, Manual Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F8)	481.53	32.13
28 21 31 00-0063		Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapaks *(28 21 31 00-0057)*		
28 21 31 00-0064	EA	2.3 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F2.3A)	580.12	32.13
28 21 31 00-0065	EA	2.8 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F2.8A)	531.97	32.13
28 21 31 00-0066	EA	4 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F4A)	520.51	32.13
28 21 31 00-0067	EA	8 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F8A)	511.34	32.13
28 21 31 00-0068		Varifocal, High Resolution Color, Camerapaks *(28 21 31 00-0056)*		
28 21 31 00-0069		Manual Iris, Varifocal, High Resolution Color, Camerapaks *(28 21 31 00-0068)*		
28 21 31 00-0070	EA	1-3 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V1)	627.12	32.13
28 21 31 00-0071	EA	2.5-6 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V2)	565.22	32.13
28 21 31 00-0072	EA	2.8-12 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V21)	514.78	32.13
28 21 31 00-0073	EA	3-8 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V3)	494.14	32.13
28 21 31 00-0074	EA	5-40 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V5)	570.95	32.13
28 21 31 00-0075		Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapaks *(28 21 31 00-0068)*		
28 21 31 00-0076	EA	1-3 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V1A)	677.56	32.13
28 21 31 00-0077	EA	2.5-6 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V2A)	635.15	32.13
28 21 31 00-0078	EA	2.8-12 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V21A)	562.92	32.13
28 21 31 00-0079	EA	3-8 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V3A)	502.16	32.13
28 21 31 00-0080	EA	5-40 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V5A)	595.02	32.13
28 21 31 00-0081	EA	5-50 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V50A)	672.98	32.13
28 21 31 00-0082	EA	5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V55A)	772.72	32.13
28 21 31 00-0083		Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapaks *(28 21 31 00-0068)*		
28 21 31 00-0084	EA	3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6R3A)	528.53	32.13
28 21 31 00-0085	EA	7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6R75A)	632.85	32.13
28 21 31 00-0086		High Resolution Day/Night, Camerapaks *(28 21 31 00-0055)*		
28 21 31 00-0087		Varifocal, High Resolution Day/Night, Camerapaks *(28 21 31 00-0086)*		
28 21 31 00-0088		Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapaks *(28 21 31 00-0087)*		
28 21 31 00-0089	EA	2.5-6 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V2A)	1,073.07	32.13
28 21 31 00-0090	EA	2.8-12 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V21A)	1,000.85	32.13
28 21 31 00-0091	EA	3-8 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V3A)	940.09	32.13
28 21 31 00-0092	EA	5-40 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V5A)	1,032.95	32.13
28 21 31 00-0093	EA	5-50 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V50A)	1,110.90	32.13
28 21 31 00-0094	EA	5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V55A)	1,209.49	32.13
28 21 31 00-0095		Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapaks *(28 21 31 00-0087)*		
28 21 31 00-0096	EA	3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6R3A)	966.46	32.13
28 21 31 00-0097	EA	7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6R75A)	1,070.78	32.13
28 21 31 00-0098		Compact Camerapaks *(28 21 31 00-0054)*		
28 21 31 00-0099		High Resolution Color, Compact Camerapaks *(28 21 31 00-0098)*		
28 21 31 00-0100		DSS, High Resolution Color, Compact Camerapaks *(28 21 31 00-0099)*		
28 21 31 00-0101		Fixed Focus, DSS, High Resolution Color, Camerapaks *(28 21 31 00-0100)*		
28 21 31 00-0102		Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapaks *(28 21 31 00-0101)*		
28 21 31 00-0103	EA	2.3 mm, Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F2.3)	831.18	32.13
28 21 31 00-0104	EA	2.8 mm, Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F2.8)	799.08	32.13

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0105	EA	4 mm, Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F4)	783.03	32.13
28 21 31 00-0106	EA	8 mm, Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F8)	779.59	32.13
28 21 31 00-0107		**Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapaks** *(28 21 31 00-0101)*		
28 21 31 00-0108	EA	2.3 mm, Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F2.3A)	878.18	32.13
28 21 31 00-0109	EA	2.8 mm, Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F2.8A)	831.18	32.13
28 21 31 00-0110	EA	4 mm, Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F4A)	819.72	32.13
28 21 31 00-0111	EA	8 mm, Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F8A)	810.55	32.13
28 21 31 00-0112		**Varifocal, DSS, High Resolution Color, Camerapaks** *(28 21 31 00-0100)*		
28 21 31 00-0113		**Manual Iris, Varifocal, DSS, High Resolution Color, Camerapaks** *(28 21 31 00-0112)*		
28 21 31 00-0114	EA	1-3 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V1)	926.33	32.13
28 21 31 00-0115	EA	2.5-6 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V2)	863.28	32.13
28 21 31 00-0116	EA	2.8-12 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V21)	813.99	32.13
28 21 31 00-0117	EA	3-8 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V3)	793.35	32.13
28 21 31 00-0118	EA	5-40 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V5)	869.01	32.13
28 21 31 00-0119	EA	5-50 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V50)	918.31	32.13
28 21 31 00-0120	EA	5.5-82.5 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V55)	1,035.24	32.13
28 21 31 00-0121		**Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapaks** *(28 21 31 00-0112)*		
28 21 31 00-0122	EA	1-3 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V1A)	975.63	32.13
28 21 31 00-0123	EA	2.5-6 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V2A)	934.36	32.13
28 21 31 00-0124	EA	2.8-12 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V21A)	862.13	32.13
28 21 31 00-0125	EA	3-8 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V3A)	800.23	32.13
28 21 31 00-0126	EA	5-40 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V5A)	894.23	32.13
28 21 31 00-0127	EA	5-50 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V50A)	972.19	32.13
28 21 31 00-0128	EA	5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V55A)	1,070.78	32.13
28 21 31 00-0129		**Infrared Corrected, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapaks** *(28 21 31 00-0112)*		
28 21 31 00-0130	EA	3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2R3A)	827.74	32.13
28 21 31 00-0131	EA	7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2R75A)	932.06	32.13
28 21 31 00-0132		**EDR, High Resolution Color, Compact Camerapaks** *(28 21 31 00-0099)*		
28 21 31 00-0133		**Fixed Focus, EDR, High Resolution Color, Camerapaks** *(28 21 31 00-0132)*		
28 21 31 00-0134		**Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapaks** *(28 21 31 00-0133)*		
28 21 31 00-0135	EA	2.3 mm, Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F2.3)	831.18	32.13
28 21 31 00-0136	EA	2.8 mm, Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F2.8)	620.24	32.13
28 21 31 00-0137	EA	4 mm, Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F4)	604.19	32.13
28 21 31 00-0138	EA	8 mm, Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F8)	600.76	32.13
28 21 31 00-0139		**Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapaks** *(28 21 31 00-0133)*		
28 21 31 00-0140	EA	2.3 mm, Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F2.3A)	699.35	32.13
28 21 31 00-0141	EA	2.8 mm, Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F2.8A)	652.34	32.13
28 21 31 00-0142	EA	4 mm, Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F4A)	640.88	32.13
28 21 31 00-0143	EA	8 mm, Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F8A)	640.88	32.13
28 21 31 00-0144		**Varifocal, EDR, High Resolution Color, Camerapaks** *(28 21 31 00-0132)*		
28 21 31 00-0145		**Manual Iris, Varifocal, EDR, High Resolution Color, Camerapaks** *(28 21 31 00-0144)*		
28 21 31 00-0146	EA	1-3 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V1)	747.49	32.13
28 21 31 00-0147	EA	2.5-6 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V2)	684.44	32.13
28 21 31 00-0148	EA	2.8-12 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V21)	635.15	32.13
28 21 31 00-0149	EA	3-8 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V3)	614.51	32.13
28 21 31 00-0150	EA	5-40 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V5)	690.17	32.13
28 21 31 00-0151	EA	5-50 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V50)	739.47	32.13
28 21 31 00-0152	EA	5.5-82.5 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V55)	856.40	32.13
28 21 31 00-0153		**Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapaks** *(28 21 31 00-0144)*		
28 21 31 00-0154	EA	1-3 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V1A)	796.79	32.13
28 21 31 00-0155	EA	2.5-6 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V2A)	755.52	32.13
28 21 31 00-0156	EA	2.8-12 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V21A)	682.15	32.13
28 21 31 00-0157	EA	3-8 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V3A)	621.39	32.13
28 21 31 00-0158	EA	5-40 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V5A)	715.40	32.13

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0159	EA	5-50 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V50A)	793.35	32.13
28 21 31 00-0160	EA	5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V55A)	891.94	32.13
28 21 31 00-0161		Infrared Corrected, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapaks *(28 21 31 00-0144)*		
28 21 31 00-0162	EA	3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2R3A)	648.90	32.13
28 21 31 00-0163	EA	7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2R75A)	753.23	32.13
28 21 31 00-0164		High Resolution Day/Night, Compact Camerapaks *(28 21 31 00-0098)*		
28 21 31 00-0165		Fixed Focus, High Resolution Day/Night, Compact Camerapaks *(28 21 31 00-0164)*		
28 21 31 00-0166		Manual Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapaks *(28 21 31 00-0165)*		
28 21 31 00-0167	EA	8 mm, Manual Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6F8)	766.98	32.13
28 21 31 00-0168		DC-Drive Auto Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapaks *(28 21 31 00-0165)*		
28 21 31 00-0169	EA	2.3 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6F2.3A)	865.57	32.13
28 21 31 00-0170	EA	2.8 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6F2.8A)	817.42	32.13
28 21 31 00-0171		Varifocal, High Resolution Day/Night, Compact Camerapaks *(28 21 31 00-0164)*		
28 21 31 00-0172		Manual Iris, Varifocal, High Resolution Day/Night, Compact Camerapaks *(28 21 31 00-0171)*		
28 21 31 00-0173	EA	2.8-12 mm, Manual Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V21)	800.23	32.13
28 21 31 00-0174	EA	3-8 mm, Manual Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V3)	779.59	32.13
28 21 31 00-0175	EA	5-50 mm, Manual Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V50)	905.70	32.13
28 21 31 00-0176		Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapaks *(28 21 31 00-0171)*		
28 21 31 00-0177	EA	2.5-6 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V2A)	920.60	32.13
28 21 31 00-0178	EA	2.8-12 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V21A)	848.38	32.13
28 21 31 00-0179	EA	3-8 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V3A)	787.62	32.13
28 21 31 00-0180	EA	5-40 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V5A)	880.48	32.13
28 21 31 00-0181	EA	5-50 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V50A)	958.43	32.13
28 21 31 00-0182	EA	5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V55A)	1,058.17	32.13
28 21 31 00-0183		Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapaks *(28 21 31 00-0171)*		
28 21 31 00-0184	EA	3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6R3A)	813.99	32.13
28 21 31 00-0185	EA	7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6R75A)	918.31	32.13
28 21 31 00-0186		Camera Systems *(28 21 31 00-0047)*		
28 21 31 00-0187		Camera Dome Systems *(28 21 31 00-0186)*		
28 21 31 00-0188		Spectra®, Pan/Tilt Camera Dome Systems *(28 21 31 00-0187)*		
28 21 31 00-0189		Spectra®, Pan/Tilt Camera Dome Systems *(28 21 31 00-0188)* Note: Includes dome drive, camera, lens, back box, clear or smoked lower dome and mounting hardware.		
28 21 31 00-0190		Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0189)*		
28 21 31 00-0191		Black And White, Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0190)*		
28 21 31 00-0192	EA	22X, Surface Mount, Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-SMB)	3,398.22	192.74
28 21 31 00-0193	EA	22X, In-Ceiling Mount, Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-F)	3,868.24	192.74
28 21 31 00-0194	EA	22X, Pendant Mount, Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-PB)	4,079.18	192.74
28 21 31 00-0195	EA	22X, Environmental Pendant Mount, Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-PG-E)	5,656.63	192.74
28 21 31 00-0196		Color, Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0190)*		
28 21 31 00-0197	EA	16X, Surface Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-SMB)	2,865.14	192.74
28 21 31 00-0198	EA	16X, In-Ceiling Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-F)	3,102.45	192.74

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0199	EA	16X, Pendant Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-PB)	3,314.53	192.74
28 21 31 00-0200	EA	16X, Environmental In-Ceiling Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-F-E)	3,436.05	192.74
28 21 31 00-0201	EA	16X, Environmental Pendant Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-PG-E)	3,436.05	192.74
28 21 31 00-0202	EA	22X, Surface Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-SMB)	3,599.99	192.74
28 21 31 00-0203	EA	22X, In-Ceiling Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-F)	4,071.16	192.74
28 21 31 00-0204	EA	22X, Pendant Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-PB)	4,283.24	192.74
28 21 31 00-0205	EA	22X, Environmental In-Ceiling Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-F-E)	4,404.76	192.74
28 21 31 00-0206	EA	22X, Environmental Pendant Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-PG-E)	4,404.76	192.74
28 21 31 00-0207		Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0190)*		
28 21 31 00-0208	EA	23X, Surface Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-SMB)	4,188.09	192.74
28 21 31 00-0209	EA	23X, In-Ceiling Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-F)	4,659.26	192.74
28 21 31 00-0210	EA	23X, Pendant Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-PB)	4,871.34	192.74
28 21 31 00-0211	EA	23X, Environmental In-Ceiling Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-F-E)	4,992.86	192.74
28 21 31 00-0212	EA	23X, Environmental Pendant Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-PG-E)	4,992.86	192.74
28 21 31 00-0213		Day/Night, Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0190)*		
28 21 31 00-0214	EA	18X, Surface Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-SMB)	3,802.90	192.74
28 21 31 00-0215	EA	18X, In-Ceiling Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-F)	4,041.35	192.74
28 21 31 00-0216	EA	18X, Pendant Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-PB)	4,252.29	192.74
28 21 31 00-0217	EA	18X, Environmental In-Ceiling Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-F-E)	4,373.81	192.74
28 21 31 00-0218	EA	18X, Environmental Pendant Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-PG-E)	4,373.81	192.74
28 21 31 00-0219	EA	35X, Surface Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-SMB)	4,574.43	192.74
28 21 31 00-0220	EA	35X, In-Ceiling Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-F)	4,949.30	192.74
28 21 31 00-0221	EA	35X, Pendant Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-PB)	5,160.24	192.74
28 21 31 00-0222	EA	35X, Environmental In-Ceiling Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-F-E)	5,281.75	192.74
28 21 31 00-0223	EA	35X, Environmental Pendant Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-PG-E)	5,281.75	192.74
28 21 31 00-0224		Heavy-Duty Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0189)*		
28 21 31 00-0225		Color, Heavy-Duty Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0224)*		
28 21 31 00-0226	EA	16X, In-Ceiling Mount, Color, Heavy-Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-HF)	3,721.50	192.74
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0227	EA	16X, Pendant Mount, Color, Heavy-Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-HP)	3,925.56	192.74
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0228	EA	16X, Environmental Pendant Mount, Color, Heavy-Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-HPE)	4,088.35	192.74
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0229	EA	22X, In-Ceiling Mount, Color, Heavy-Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-HF)	4,619.14	192.74
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0230	EA	22X, Pendant Mount, Color, Heavy-Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-HP)	4,823.19	192.74
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0231	EA	22X, Environmental Pendant Mount, Color, Heavy-Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-HPE)	4,987.13	192.74
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0232		Day/Night, Heavy-Duty Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0224)*		
28 21 31 00-0233	EA	18X, In-Ceiling Mount, Day/Night, Heavy-Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-HF)	4,659.26	192.74
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0234	EA	18X, Pendant Mount, Day/Night, Heavy-Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-HP)	4,863.32	192.74
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0235	EA	18X, Environmental Pendant Mount, Day/Night, Heavy-Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-HPE)	5,027.25	192.74
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0236	EA	35X, In-Ceiling Mount, Day/Night, Heavy-Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-HF)	5,497.28	192.74
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0237	EA	35X, Pendant Mount, Day/Night, Heavy-Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-HP)	5,700.19	192.74
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0238	EA	35X, Environmental Pendant Mount, Day/Night, Heavy-Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-HPE)	5,864.13	192.74
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0239		Pressurized Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0189)*		
28 21 31 00-0240		Day/Night, Pressurized Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0239)*		
28 21 31 00-0241	EA	18X, Environmental Pendant Mount, Day/Night, Pressurized Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-PRE)	6,164.48	192.74
28 21 31 00-0242	EA	35X, Environmental Pendant Mount, Day/Night, Pressurized Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-PRE)	7,002.50	192.74
28 21 31 00-0243		Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0189)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0244		Black And White, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0243)*		
28 21 31 00-0245	EA	22X, Environmental Pendant Mount, Black And White, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-PSGE)	5,359.71	192.74
28 21 31 00-0246		Color, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0243)*		
28 21 31 00-0247	EA	16X, Environmental Pendant Mount, Color, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-PSGE)	4,664.99	192.74
28 21 31 00-0248	EA	22X, Environmental Pendant Mount, Color, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-PSGE)	5,563.77	192.74
28 21 31 00-0249		Color/Black And White, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0243)*		
28 21 31 00-0250	EA	23X, Environmental Pendant Mount, Color/Black And White, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-PSGE)	6,151.87	192.74
28 21 31 00-0251		Day/Night, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0243)*		
28 21 31 00-0252	EA	18X, Environmental Pendant Mount, Day/Night, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-PSGE)	5,603.89	192.74
28 21 31 00-0253	EA	35X, Environmental Pendant Mount, Day/Night, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-PSGE)	6,440.76	192.74
28 21 31 00-0254		Miniature Spectra®, Mini Pan/Tilt Camera Dome Systems *(28 21 31 00-0189)*		
28 21 31 00-0255		Color, Miniature Spectra®, Mini Pan/Tilt Camera Dome Systems *(28 21 31 00-0254)*		
28 21 31 00-0256	EA	10X, In-Ceiling Mount, Color, Miniature Spectra®, Mini Pan/Tilt Camera Dome System (Pelco SD4-B)	2,147.50	192.74
28 21 31 00-0257		Spectra® IP Network, Pan/Tilt Camera Dome Systems *(28 21 31 00-0188)* Note: Includes simultaneous IP and analog video and control, dome drive, camera, lens, back box, clear or smoked lower dome and mounting hardware.		
28 21 31 00-0258		Spectra® IV IP Network, Pan/Tilt Camera Dome Systems *(28 21 31 00-0257)*		
28 21 31 00-0259		Color, Spectra® IV IP Network, Pan/Tilt Camera Dome Systems *(28 21 31 00-0258)*		
28 21 31 00-0260	EA	16X, In-Ceiling Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NTC-F)	3,958.81	192.74
28 21 31 00-0261	EA	16X, Pendant Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NTC-PB)	4,170.89	192.74
28 21 31 00-0262	EA	16X, Environmental In-Ceiling Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NTC-F-E)	4,292.41	192.74
28 21 31 00-0263	EA	16X, Environmental Pendant Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NTC-PG-E)	4,292.41	192.74
28 21 31 00-0264	EA	22X, In-Ceiling Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NC22-F1)	4,927.52	192.74
28 21 31 00-0265	EA	22X, Pendant Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NC22-PB-1)	5,139.60	192.74
28 21 31 00-0266	EA	22X, Environmental In-Ceiling Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NC22-F-E1)	5,261.12	192.74
28 21 31 00-0267	EA	22X, Environmental Pendant Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NC22-PG-E1)	5,261.12	192.74
28 21 31 00-0268		Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome Systems *(28 21 31 00-0258)*		
28 21 31 00-0269	EA	23X, In-Ceiling Mount, Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NCBW-F1)	5,515.62	192.74
28 21 31 00-0270	EA	23X, Pendant Mount, Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NCBW-PB-1)	5,727.70	192.74
28 21 31 00-0271	EA	23X, Environmental In-Ceiling Mount, Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NCBW-F-E1)	5,849.22	192.74
28 21 31 00-0272	EA	23X, Environmental Pendant Mount, Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NCBW-PG-E1)	5,849.22	192.74
28 21 31 00-0273		Heavy-Duty Spectra® IV IP Network, Pan/Tilt Camera Dome Systems *(28 21 31 00-0257)*		
28 21 31 00-0274		Color, Heavy-Duty Spectra® IV IP Network, Pan/Tilt Camera Dome Systems *(28 21 31 00-0273)*		
28 21 31 00-0275	EA	16X, In-Ceiling Mount, Color, Heavy-Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NTC-HF1)	4,577.86	192.74
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0276	EA	16X, Pendant Mount, Color, Heavy-Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NTC-HP1)	4,781.92	192.74
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0277	EA	16X, Environmental Pendant Mount, Color, Heavy-Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NTC-HPE1)	4,944.71	192.74
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0278	EA	22X, In-Ceiling Mount, Color, Heavy-Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NC22-HF1)	5,475.50	192.74
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0279	EA	22X, Pendant Mount, Color, Heavy-Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NC22-HP1)	5,679.56	192.74
		For Protective Lower Dome Cage, Add	*34.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0280	EA	22X, Environmental Pendant Mount, Color, Heavy-Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NC22-HPE1)	5,843.49	192.74
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0281		**Day/Night, Heavy-Duty Spectra® IV IP Network, Pan/Tilt Camera Dome Systems** *(28 21 31 00-0273)*		
28 21 31 00-0282	EA	18X, In-Ceiling Mount, Day/Night, Heavy-Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N18-HF1)	5,515.62	192.74
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0283	EA	18X, Pendant Mount, Day/Night, Heavy-Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N18-HP1)	5,719.68	192.74
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0284	EA	18X, Environmental Pendant Mount, Day/Night, Heavy-Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N18-HPE1)	5,883.61	192.74
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0285	EA	35X, In-Ceiling Mount, Day/Night, Heavy-Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-HF1)	6,353.64	192.74
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0286	EA	35X, Pendant Mount, Day/Night, Heavy-Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-HP1)	6,556.55	192.74
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0287	EA	35X, Environmental Pendant Mount, Day/Night, Heavy-Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-HPE1)	6,720.49	192.74
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0288		**Stainless Steel Spectra® IV IP Network, Pan/Tilt Camera Dome Systems** *(28 21 31 00-0257)*		
28 21 31 00-0289		**Color, Stainless Steel Spectra® IV IP Network, Camera Dome Systems** *(28 21 31 00-0288)*		
28 21 31 00-0290	EA	16X, Environmental Pendant Mount, Color, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4NTC-PSGE1)	5,521.35	192.74
28 21 31 00-0291	EA	22X, Environmental Pendant Mount, Color, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4NC22-PSGE1)	6,420.13	192.74
28 21 31 00-0292		**Color/Black And White, Stainless Steel Spectra® IV IP Network, Camera Dome Systems** *(28 21 31 00-0288)*		
28 21 31 00-0293	EA	23X, Environmental Pendant Mount, Color/Black And White, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-PSGE1)	7,008.23	192.74
28 21 31 00-0294		**Day/Night, Stainless Steel Spectra® IV IP Network, Camera Dome Systems** *(28 21 31 00-0288)*		
28 21 31 00-0295	EA	18X, Environmental Pendant Mount, Day/Night, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4N18-PSGE1)	6,460.25	192.74
28 21 31 00-0296	EA	35X, Environmental Pendant Mount, Day/Night, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-PSGE1)	7,297.13	192.74
28 21 31 00-0297		**Miniature Spectra® IP Network, Mini Pan/Tilt Camera Dome Systems** *(28 21 31 00-0257)*		
28 21 31 00-0298		**Color, Miniature Spectra® IP Network, Mini Camera Dome Systems** *(28 21 31 00-0297)*		
28 21 31 00-0299	EA	10X, In-Ceiling Mount, Color, Miniature Spectra® IP Network, Black Mini Camera Dome System (Pelco SD4N-W1)	2,700.06	192.74
28 21 31 00-0300		**Spectra®, Pan/Tilt Dome Drives** *(28 21 31 00-0188)*		
		Note: Includes dome drive, camera and lens.		
28 21 31 00-0301	EA	10X, Color Camera, Spectra® Mini Dome Drive (Pelco DD4)	1,997.27	160.61
28 21 31 00-0302	EA	10X, Color Camera, Spectra® IP Network, Mini Dome Drive (Pelco DD4N)	2,547.54	160.61
28 21 31 00-0303	EA	22X, Black And White Camera, Spectra® IV Dome Drive (Pelco DD4M22)	3,227.35	160.61
28 21 31 00-0304	EA	16X, Color Camera, Spectra® IV Dome Drive (Pelco DD4TC16)	2,532.64	160.61
28 21 31 00-0305	EA	22X, Color Camera, Spectra® IV Dome Drive (Pelco DD4C22)	3,430.27	160.61
28 21 31 00-0306	EA	18X, Day/Night Camera, Spectra® IV Dome Drive (Pelco DD4CBW18)	3,470.39	160.61
28 21 31 00-0307	EA	23X, Day/Night Camera, Spectra® IV Dome Drive (Pelco DD4CBW23)	4,018.37	160.61
28 21 31 00-0308	EA	35X, Day/Night Camera, Spectra® IV Dome Drive (Pelco DD4CBW35)	4,308.41	160.61
28 21 31 00-0309	EA	35X, Color/Black And White Camera, Spectra® IV Horizon Dome Drive (Pelco DD4H35)	4,308.41	160.61
28 21 31 00-0310		**Accessories For Spectra® Pan/Tilt Camera Dome Systems** *(28 21 31 00-0188)*		
28 21 31 00-0311	EA	Upgrade To Chrome Lower Dome (Pelco Spectra)	161.64	
28 21 31 00-0312	EA	Upgrade To Gold Lower Dome (Pelco Spectra)	210.94	
28 21 31 00-0313	EA	Wall Mount For Spectra® Systems (Pelco IWM-BK)	174.28	16.06
28 21 31 00-0314	EA	24 Volt Out, Wall Mount For Spectra® Systems (Pelco IWM24-BK)	441.39	16.06
28 21 31 00-0315	EA	Wall Arm Mount For Spectra® Systems (Pelco IDM4018)	169.70	16.06
28 21 31 00-0316	EA	Wall Arm Mount With Feed Through For Stainless Steel Spectra® IV Systems (Pelco IDM4012SS)	304.41	16.06
28 21 31 00-0317	EA	Pole Mount Adapter For Spectra® Systems (Pelco PA402)	113.78	9.56

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0318		Camclosure®, Camera Dome Systems *(28 21 31 00-0187)*		
28 21 31 00-0319		Camclosure® IS Integrated, Camera Dome Systems *(28 21 31 00-0318)*		
28 21 31 00-0320		Camclosure® IS Integrated, Camera Dome Systems *(28 21 31 00-0319)*		
28 21 31 00-0321		High Resolution Color, Camclosure® IS Integrated, Camera Dome Systems *(28 21 31 00-0320)*		
28 21 31 00-0322	EA	12 mm, Indoor Surface/In-Ceiling Mount, High Resolution Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS90-CH12)	792.45	192.74
28 21 31 00-0323	EA	9-22 mm, Indoor Surface/In-Ceiling Mount, High Resolution Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS90-CHV22)	861.24	192.74
28 21 31 00-0324	EA	12 mm, Environmental Surface Mount, High Resolution Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS110-CH12)	958.68	192.74
28 21 31 00-0325	EA	12 mm, Environmental In-Ceiling Mount, High Resolution Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS150-CH12)	958.68	192.74
28 21 31 00-0326		Wide Dynamic Range Color, Camclosure® IS Integrated, Camera Dome Systems *(28 21 31 00-0320)*		
28 21 31 00-0327	EA	9-22 mm, Indoor Surface/In-Ceiling Mount, Wide Dynamic Range Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS90B-CWV22)	971.29	192.74
28 21 31 00-0328	EA	9-22 mm, Environmental Surface Mount, Wide Dynamic Range Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS111-CWV22)	1,060.71	192.74
28 21 31 00-0329	EA	9-22 mm, Environmental In-Ceiling Mount, Wide Dynamic Range Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS151-CWV22)	1,060.71	192.74
28 21 31 00-0330		Day/Night, Camclosure® IS Integrated, Camera Dome Systems *(28 21 31 00-0320)*		
28 21 31 00-0331	EA	9-22 mm, Indoor Surface/In-Ceiling Mount, Day/Night, Camclosure® IS Integrated, White Camera Dome System (Pelco IS90-DNV22)	1,115.74	192.74
28 21 31 00-0332	EA	9-22 mm, Environmental Surface Mount, Day/Night, Camclosure® IS Integrated, Camera Dome System (Pelco IS111-DNV22)	1,336.99	192.74
28 21 31 00-0333	EA	9-22 mm, Environmental In-Ceiling Mount, Day/Night, Camclosure® IS Integrated, Camera Dome System (Pelco IS151-DNV22)	1,336.99	192.74
28 21 31 00-0334		Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Camera Dome Systems *(28 21 31 00-0320)*		
28 21 31 00-0335	EA	9-22 mm, Indoor Surface/In-Ceiling Mount, Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Camera Dome System (Pelco IS90-DWV22)	1,221.21	192.74
28 21 31 00-0336	EA	9-22 mm, Environmental In-Ceiling Mount, Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Camera Dome System (Pelco IS151-DWV22)	1,363.36	192.74
28 21 31 00-0337		Camclosure® IS Integrated, Bullet Style Camera Systems *(28 21 31 00-0319)*		
28 21 31 00-0338		High Resolution Color, Camclosure® IS Integrated, Bullet Style Camera Systems *(28 21 31 00-0337)*		
28 21 31 00-0339	EA	3.6 mm, Wall/Ceiling Mount, High Resolution Color, Camclosure® IS Integrated, Bullet Style Camera System (Pelco IS310-CH3.6)	880.63	128.50
28 21 31 00-0340		Wide Dynamic Range Color, Camclosure® IS Integrated, Bullet Style Camera Systems *(28 21 31 00-0337)*		
28 21 31 00-0341	EA	9-22 mm, Wall/Ceiling Mount, Wide Dynamic Range Color, Camclosure® IS Integrated, Bullet Style Camera System (Pelco IS310-CWV22)	1,010.17	128.50
28 21 31 00-0342		Day/Night, Camclosure® IS Integrated, Bullet Style Camera Systems *(28 21 31 00-0337)*		
28 21 31 00-0343	EA	9-22 mm, Wall/Ceiling Mount, Day/Night, Camclosure® IS Integrated, Bullet Style Camera System (Pelco IS310-DNV22)	1,113.35	128.50
28 21 31 00-0344		Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Bullet Style Camera Systems *(28 21 31 00-0337)*		
28 21 31 00-0345	EA	9-22 mm, Wall/Ceiling Mount, Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Bullet Style Camera System (Pelco IS310-DWV22)	1,164.94	128.50
28 21 31 00-0346		Camclosure® IS Integrated Cameras *(28 21 31 00-0319)*		
28 21 31 00-0347	EA	12 mm, High Resolution Color, Camclosure® IS Integrated Camera (Pelco IS-CH12)	616.96	128.50
28 21 31 00-0348	EA	9-22 mm, High Resolution Color, Camclosure® IS Integrated Camera (Pelco IS-CHV22)	616.96	128.50
28 21 31 00-0349	EA	9-22 mm, Wide Dynamic Range Color, Camclosure® IS Integrated Camera (Pelco IS-CWV22)	718.99	128.50
28 21 31 00-0350	EA	9-22 mm, Day/Night, Camclosure® IS Integrated Camera (Pelco IS-DNV22)	995.27	128.50
28 21 31 00-0351	EA	9-22 mm, Wide Dynamic Range Day/Night, Camclosure® IS Integrated Camera (Pelco IS-DWV22)	1,021.64	128.50
28 21 31 00-0352		Camclosure® ICS Integrated, Camera Dome Systems *(28 21 31 00-0318)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0353		Camclosure® ICS Integrated, Camera Dome Systems *(28 21 31 00-0352)*		
28 21 31 00-0354		Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome Systems *(28 21 31 00-0353)*		
28 21 31 00-0355	EA	12 mm, Indoor Surface/In-Ceiling Mount, Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS090B-CA12)	678.96	192.74
28 21 31 00-0356	EA	12 mm, UTP, Indoor Surface/In-Ceiling Mount, Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS090B-CA12T)	728.25	192.74
28 21 31 00-0357	EA	12 mm, Environmental Surface Mount, Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS110-CA12)	925.43	192.74
28 21 31 00-0358	EA	12 mm, Environmental In-Ceiling Mount, Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS150-CA12)	925.43	192.74
28 21 31 00-0359		High Resolution Color, Camclosure® ICS Integrated, Camera Dome Systems *(28 21 31 00-0353)*		
28 21 31 00-0360	EA	3–9 mm, Environmental In-Ceiling Mount, High Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS151-CDV39A)	1,146.69	192.74
28 21 31 00-0361		Camclosure® ICS Integrated, Bullet Style Camera Systems *(28 21 31 00-0352)*		
28 21 31 00-0362		Standard Resolution, Camclosure® ICS Integrated, Bullet Style Camera Systems *(28 21 31 00-0361)*		
28 21 31 00-0363	EA	12 mm, Wall/Ceiling Mount, Standard Resolution, Camclosure® ICS Integrated, Bullet Style Camera System (Pelco ICS310-CA12)	796.94	128.50
28 21 31 00-0364		Camclosure® ICS Integrated, Wedge Style Camera Systems *(28 21 31 00-0352)*		
28 21 31 00-0365		High Resolution Color, Camclosure® ICS Integrated, Wedge Style Camera Systems *(28 21 31 00-0364)*		
28 21 31 00-0366	EA	9-22 mm, High Resolution, Camclosure® ICS Integrated, Wedge Style Camera System (Pelco IS210-CHV22)	1,060.71	192.74
28 21 31 00-0367		Wide Dynamic Range Color, Camclosure® ICS Integrated, Wedge Style Camera Systems *(28 21 31 00-0364)*		
28 21 31 00-0368	EA	9-22 mm, Wide Dynamic Range, Camclosure® ICS Integrated, Wedge Style Camera System (Pelco IS210-CWV22)	1,163.89	192.74
28 21 31 00-0369		Day/Night, Camclosure® ICS Integrated, Wedge Style Camera Systems *(28 21 31 00-0364)*		
28 21 31 00-0370	EA	9-22 mm, Day/Night, Camclosure® ICS Integrated, Wedge Style Camera System (Pelco IS210-DNV22)	1,293.43	192.74
28 21 31 00-0371		Wide Dynamic Range Day/Night, Camclosure® ICS Integrated, Wedge Style Camera Systems *(28 21 31 00-0364)*		
28 21 31 00-0372	EA	9-22 mm, Wide Dynamic Range Day/Night, Camclosure® ICS Integrated, Wedge Style Camera System (Pelco IS210-DWV22)	1,345.02	192.74
28 21 31 00-0373		Camclosure® IP Network, Camera Dome Systems *(28 21 31 00-0318)*		
28 21 31 00-0374		Camclosure® IP Network, Camera Dome Systems *(28 21 31 00-0373)*		
28 21 31 00-0375		High Resolution Color, Camclosure® IP Network, Camera Dome Systems *(28 21 31 00-0374)*		
28 21 31 00-0376	EA	3-9.5 mm, Environmental Surface Mount, High Resolution Color, Camclosure® IP Network, Camera Dome System (Pelco IP111-CHV9)	1,913.63	192.74
28 21 31 00-0377	EA	9-22 mm, Environmental Surface Mount, High Resolution Color, Camclosure® IP Network, Camera Dome System (Pelco IP111-CHV22)	1,913.63	192.74
28 21 31 00-0378		Wide Dynamic Range Color, Camclosure® IP Network, Camera Dome Systems *(28 21 31 00-0374)*		
28 21 31 00-0379	EA	3-9.5 mm, Environmental Surface Mount, Wide Dynamic Range Color, Camclosure® IP Network, Camera Dome System (Pelco IP111-CWV9)	2,055.78	192.74
28 21 31 00-0380	EA	9-22 mm, Environmental Surface Mount, Wide Dynamic Range Color, Camclosure® IP Network, Camera Dome System (Pelco IP111-CWV22)	2,055.78	192.74
28 21 31 00-0381		Day/Night, Camclosure® IP Network, Camera Dome Systems *(28 21 31 00-0374)*		
28 21 31 00-0382	EA	3-9.5 mm, Environmental Surface Mount, Day/Night, Camclosure® IP Network, Camera Dome System (Pelco IP111-DNV9)	2,274.75	192.74
28 21 31 00-0383	EA	9-22 mm, Environmental Surface Mount, Day/Night, Camclosure® IP Network, Camera Dome System (Pelco IP111-DNV22)	2,274.75	192.74

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0384		Wide Dynamic Range Day/Night, Camclosure® IP Network, Camera Dome Systems *(28 21 31 00-0374)*		
28 21 31 00-0385	EA	3-9.5 mm, Environmental Surface Mount, Wide Dynamic Range Day/Night, Camclosure® IP Network, Camera Dome System (Pelco IP110-DWV9)	2,429.51	192.74
28 21 31 00-0386	EA	9-22 mm, Environmental Surface Mount, Wide Dynamic Range Day/Night, Camclosure® IP Network, Camera Dome System (Pelco IP110-DWV22)	2,429.51	192.74
28 21 31 00-0387		Accessories For Camclosure® Camera Dome Systems *(28 21 31 00-0318)*		
28 21 31 00-0388	EA	4S Gangbox Adapter Plate For ICS110 Camclosure® Systems (Pelco ICS110-AP)	39.91	9.63
28 21 31 00-0389	EA	4S Adapter Plate For ICS310 Camclosure® Systems (Pelco ICS310-AP)	39.91	9.63
28 21 31 00-0390	EA	Sun Shield For ICS310 Camclosure® Systems (Pelco ICS310-SS)	52.77	16.06
28 21 31 00-0391	EA	Conduit Adapter For ICS310 Camclosure® Systems (Pelco ICS310-COND)	84.86	16.06
28 21 31 00-0392	EA	2' x 2' Ceiling Panel For ICS150 Camclosure® Systems (Pelco ICS150-P)	88.05	9.63
28 21 31 00-0393	EA	Pendant Mount Adapter For Camclosure® ICS110 Systems (Pelco ICS110-PG)	84.86	16.06
28 21 31 00-0394	EA	Corner Mount Adapter For ICS200 Camclosure® Systems (Pelco ICS210-CM)	107.79	16.06
28 21 31 00-0395	EA	Smoked, Surface Mount, Dome For Camclosure® ICS Systems (Pelco ICS-DO110A)	288.93	32.13
28 21 31 00-0396	EA	Clear, Surface Mount, Dome For Camclosure® ICS Systems (Pelco ICS-DO111A)	288.93	32.13
28 21 31 00-0397	EA	Smoked, In-Ceiling Mount, Dome For Camclosure® ICS Systems (Pelco ICS-DO150A)	288.93	32.13
28 21 31 00-0398	EA	Clear, In-Ceiling Mount, Dome For Camclosure® ICS Systems (Pelco ICS-DO151A)	288.93	32.13
28 21 31 00-0399	EA	Pendant Mount Adapter For Camclosure® IP Systems (Pelco IP110-P)	102.06	16.06
28 21 31 00-0400	EA	Smoked Lower Dome For Surface Mount Camclosure® IP Systems (Pelco IP110-LD)	115.83	32.13
28 21 31 00-0401	EA	Clear Lower Dome For Surface Mount Camclosure® IP Systems (Pelco IP111-LD)	115.83	32.13
28 21 31 00-0402	EA	Smoked Lower Dome For Surface Mount Camclosure® IS Systems (Pelco IS110-LD)	115.83	32.13
28 21 31 00-0403	EA	Clear Lower Dome For Surface Mount Camclosure® IS Systems (Pelco IS111-LD)	115.83	32.13
28 21 31 00-0404	EA	Smoked Lower Dome For Ceiling Mount Camclosure® IS Systems (Pelco IS150-LD)	115.83	32.13
28 21 31 00-0405	EA	Clear Lower Dome For Ceiling Mount Camclosure® IS Systems (Pelco IS151-LD)	115.83	32.13
28 21 31 00-0406	EA	Ceiling Mount Enclosure Only, Environmental, Camclosure® IS Systems (Pelco IS150-ENC)	337.14	43.88
28 21 31 00-0407	EA	Black Pendant Mount For Indoor Camclosure® IS Systems (Pelco IS90B-P)	72.25	16.06
28 21 31 00-0408	EA	Black Pendant Wall Mount For Indoor Camclosure® IS Systems (Pelco IS90B-PW)	123.84	16.06
28 21 31 00-0409	EA	White Pendant Mount For Indoor Camclosure® IS Systems (Pelco IS90-P)	72.25	16.06
28 21 31 00-0410	EA	White Pendant Wall Mount For Indoor Camclosure® IS Systems (Pelco IS90-PW)	123.84	16.06
28 21 31 00-0411	EA	Surface Mount Enclosure Only, Environmental, IP Camclosure® (Pelco IP110-ENC)	1,784.09	192.74
28 21 31 00-0412		Pan/Tilt Camera Systems *(28 21 31 00-0186)*		
28 21 31 00-0413		Esprit® CBZ, Pan/Tilt Camera Systems *(28 21 31 00-0412)*		
		Note: Includes powder coated aluminum pan/tilt enclosure, receiver, camera, lens, built in heater, window defroster/defogger, sun shroud, insulation blanket, 24V power supply and mounting hardware.		
28 21 31 00-0414		EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera Systems *(28 21 31 00-0413)*		
28 21 31 00-0415		Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera Systems *(28 21 31 00-0414)*		
28 21 31 00-0416	EA	10X, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ10N)	5,064.09	289.11
28 21 31 00-0417	EA	20X, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ20N)	5,753.08	289.11
28 21 31 00-0418	EA	30X, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ30N)	6,708.03	289.11
28 21 31 00-0419	EA	10X, Preset Positioning, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ10PN)	5,211.98	289.11
28 21 31 00-0420	EA	20X, Preset Positioning, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ20PN)	5,931.92	289.11
28 21 31 00-0421	EA	30X, Preset Positioning, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ30PN)	6,886.87	289.11
28 21 31 00-0422		Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera Systems *(28 21 31 00-0414)*		
28 21 31 00-0423	EA	10X, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ10W)	5,111.10	289.11
28 21 31 00-0424	EA	20X, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ20W)	5,800.08	289.11
28 21 31 00-0425	EA	30X, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ30W)	6,755.03	289.11
28 21 31 00-0426	EA	10X, Preset Positioning, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ10PW)	5,260.13	289.11
28 21 31 00-0427	EA	20X, Preset Positioning, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ20PW)	5,978.92	289.11
28 21 31 00-0428	EA	30X, Preset Positioning, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ30PW)	6,933.87	289.11
28 21 31 00-0429		Esprit® CLZ, Pan/Tilt Camera Systems *(28 21 31 00-0412)*		
28 21 31 00-0430		DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera Systems *(28 21 31 00-0429)*		
28 21 31 00-0431		Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera Systems *(28 21 31 00-0430)*		
28 21 31 00-0432	EA	10X, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ10N)	5,242.93	289.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0433	EA	20X, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ20N)	5,931.92	289.11
28 21 31 00-0434	EA	30X, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ30N)	6,886.87	289.11
28 21 31 00-0435	EA	10X, Preset Positioning, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ10PN)	5,390.82	289.11
28 21 31 00-0436	EA	20X, Preset Positioning, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ20PN)	6,110.76	289.11
28 21 31 00-0437	EA	30X, Preset Positioning, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ30PN)	7,065.71	289.11
28 21 31 00-0438		Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera Systems *(28 21 31 00-0430)*		
28 21 31 00-0439	EA	10X, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ10W)	5,289.93	289.11
28 21 31 00-0440	EA	20X, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ20W)	5,978.92	289.11
28 21 31 00-0441	EA	30X, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ30W)	6,933.87	289.11
28 21 31 00-0442	EA	10X, Preset Positioning, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ10PW)	5,438.97	289.11
28 21 31 00-0443	EA	20X, Preset Positioning, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ20PW)	6,157.76	289.11
28 21 31 00-0444	EA	30X, Preset Positioning, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ30PW)	7,112.71	289.11
28 21 31 00-0445		Esprit® AJZ, Pan/Tilt Camera Systems *(28 21 31 00-0412)*		
28 21 31 00-0446		High Resolution Color, Esprit® AJZ, Pan/Tilt Camera Systems *(28 21 31 00-0445)*		
28 21 31 00-0447		Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera Systems *(28 21 31 00-0446)*		
28 21 31 00-0448	EA	6 x 10, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ10N)	4,943.72	289.11
28 21 31 00-0449	EA	5.6 x 20, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ20N)	5,632.71	289.11
28 21 31 00-0450	EA	5.5 x 30, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ30N)	6,587.66	289.11
28 21 31 00-0451	EA	6 x 10, Preset Positioning, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ10PN)	5,092.75	289.11
28 21 31 00-0452	EA	5.6 x 20, Preset Positioning, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ20PN)	5,811.55	289.11
28 21 31 00-0453	EA	5.5 x 30, Preset Positioning, Preset Positioning, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ30PN)	6,766.50	289.11
28 21 31 00-0454		Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera Systems *(28 21 31 00-0446)*		
28 21 31 00-0455	EA	6 x 10, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ10W)	4,991.87	289.11
28 21 31 00-0456	EA	5.6 x 20, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ20W)	5,679.71	289.11
28 21 31 00-0457	EA	5.5 x 30, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ30W)	6,635.81	289.11
28 21 31 00-0458	EA	6 x 8, Preset Positioning, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ8PW)	5,025.12	289.11
28 21 31 00-0459	EA	6 x 10, Preset Positioning, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ10W)	5,139.76	289.11
28 21 31 00-0460	EA	5.6 x 20, Preset Positioning, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ20PW)	5,858.55	289.11
28 21 31 00-0461	EA	5.5 x 30, Preset Positioning, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ30PW)	6,814.65	289.11
28 21 31 00-0462		Esprit® AMZ, Pan/Tilt Camera Systems *(28 21 31 00-0412)*		
28 21 31 00-0463		Day/Night, Esprit® AMZ, Pan/Tilt Camera Systems *(28 21 31 00-0462)*		
28 21 31 00-0464		Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera Systems *(28 21 31 00-0463)*		
28 21 31 00-0465	EA	5.6 x 20, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ20N)	5,918.16	289.11
28 21 31 00-0466	EA	5.5 x 30, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ30N)	6,873.11	289.11
28 21 31 00-0467	EA	6 x 10, Preset Positioning, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ10PN)	5,378.21	289.11
28 21 31 00-0468	EA	5.6 x 20, Preset Positioning, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ20PN)	6,097.00	289.11
28 21 31 00-0469	EA	5.5 x 30, Preset Positioning, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ30PN)	7,051.95	289.11
28 21 31 00-0470		Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera Systems *(28 21 31 00-0463)*		
28 21 31 00-0471	EA	6 x 10, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ10W)	5,277.32	289.11
28 21 31 00-0472	EA	5.6 x 20, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ20W)	5,965.16	289.11
28 21 31 00-0473	EA	5.5 x 30, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ30W)	6,921.26	289.11
28 21 31 00-0474	EA	6 x 10, Preset Positioning, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ10PW)	5,425.21	289.11
28 21 31 00-0475	EA	5.6 x 20, Preset Positioning, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ20PW)	6,144.00	289.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0476	EA	5.5 x 30, Preset Positioning, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ30PW)	7,100.10	289.11
28 21 31 00-0477		Esprit® KWZ, Pan/Tilt Camera Systems *(28 21 31 00-0412)*		
28 21 31 00-0478		Day/Night, Esprit® KWZ, Pan/Tilt Camera Systems *(28 21 31 00-0477)*		
28 21 31 00-0479		Pedestal Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera Systems *(28 21 31 00-0478)*		
28 21 31 00-0480	EA	5.5 x 30, Pedestal Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ30N)	7,025.58	289.11
28 21 31 00-0481	EA	6 x 10, Preset Positioning, Pedestal Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ10PN)	5,529.53	289.11
28 21 31 00-0482	EA	5.5 x 30, Preset Positioning, Pedestal Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ30PN)	7,204.42	289.11
28 21 31 00-0483		Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera Systems *(28 21 31 00-0478)*		
28 21 31 00-0484	EA	6 x 10, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ10W)	5,428.65	289.11
28 21 31 00-0485	EA	5.5 x 30, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ30W)	7,073.73	289.11
28 21 31 00-0486	EA	6 x 10, Preset Positioning, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ10PW)	5,577.68	289.11
28 21 31 00-0487	EA	5.6 x 20, Preset Positioning, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ20PW)	6,296.47	289.11
28 21 31 00-0488	EA	5.5 x 30, Preset Positioning, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ30PW)	7,252.57	289.11
28 21 31 00-0489		Esprit® IOC, Pan/Tilt Camera Systems *(28 21 31 00-0412)*		
28 21 31 00-0490		Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems *(28 21 31 00-0489)*		
28 21 31 00-0491		Pedestal Mount, Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems *(28 21 31 00-0490)*		
28 21 31 00-0492	EA	16X, Pedestal Mount, Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PC16-2N)	5,908.99	289.11
28 21 31 00-0493		Wall Mount, Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems *(28 21 31 00-0490)*		
28 21 31 00-0494	EA	16X, Wall Mount, Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PC16-2W)	5,955.99	289.11
28 21 31 00-0495		High Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems *(28 21 31 00-0489)*		
28 21 31 00-0496		Pedestal Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems *(28 21 31 00-0495)*		
28 21 31 00-0497	EA	22X, Pedestal Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PC22-2N)	7,025.58	289.11
28 21 31 00-0498	EA	24X, Pedestal Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PCBW24-2N)	6,791.72	289.11
28 21 31 00-0499	EA	35X, Pedestal Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PCBW35-2N)	7,726.03	289.11
28 21 31 00-0500		Wall Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems *(28 21 31 00-0495)*		
28 21 31 00-0501	EA	22X, Wall Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PC22-2W)	7,071.44	289.11
28 21 31 00-0502	EA	24X, Wall Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PCBW24-2W)	6,791.72	289.11
28 21 31 00-0503	EA	35X, Wall Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PCBW35-2W)	7,777.62	289.11
28 21 31 00-0504		Esprit® IOP, Pan/Tilt Camera Systems *(28 21 31 00-0412)*		
28 21 31 00-0505		High Resolution Color, Esprit® IOP, Pan/Tilt Camera Systems *(28 21 31 00-0504)*		
28 21 31 00-0506		Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera Systems *(28 21 31 00-0505)*		
28 21 31 00-0507	EA	16X, Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30C16-2N)	4,534.46	289.11
28 21 31 00-0508	EA	22X, Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30C22-2N)	5,652.20	289.11
28 21 31 00-0509	EA	24X, Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30CBW24-2N)	5,421.77	289.11
28 21 31 00-0510	EA	35X, Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30CBW35-2N)	6,149.73	289.11
28 21 31 00-0511		Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera Systems *(28 21 31 00-0505)*		
28 21 31 00-0512	EA	16X, Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30C16-2W)	4,580.31	289.11
28 21 31 00-0513	EA	22X, Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30C22-2W)	5,699.20	289.11
28 21 31 00-0514	EA	24X, Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30CBW24-2W)	5,468.77	289.11
28 21 31 00-0515	EA	35X, Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30CBW35-2W)	6,201.32	289.11
28 21 31 00-0516		Esprit® Thermal, Pan/Tilt Camera Systems *(28 21 31 00-0412)*		
28 21 31 00-0517		Esprit® Thermal, Pan/Tilt Camera Systems *(28 21 31 00-0516)*		
28 21 31 00-0518		Pedestal Mount, Esprit® Thermal, Pan/Tilt Camera Systems *(28 21 31 00-0517)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0519	EA	14.25 mm, Pedestal Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3014TI-2N)	29,360.89	289.11
28 21 31 00-0520	EA	35 mm, Pedestal Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3035TI-2N)	31,576.89	289.11
28 21 31 00-0521	EA	50 mm, Pedestal Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3050TI-2N)	32,320.90	289.11
28 21 31 00-0522		**Wall Mount, Esprit® Thermal, Pan/Tilt Camera Systems** *(28 21 31 00-0517)*		
28 21 31 00-0523	EA	14.25 mm, Wall Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3014TI-2W)	29,409.04	289.11
28 21 31 00-0524	EA	35 mm, 30 Hertz, Wall Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3035TI-2W)	31,623.89	289.11
28 21 31 00-0525	EA	50 mm, Wall Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3050TI-2W)	32,367.90	289.11
28 21 31 00-0526		**Accessories For Esprit® Pan/Tilt Camera Systems** *(28 21 31 00-0412)*		
28 21 31 00-0527	EA	Wiper Blade Replacement For Esprit® Systems (Pelco ES-REPLBLADE)	12.50	3.21
28 21 31 00-0528	EA	Marine Mounting Kit For Esprit® Systems (Pelco ES-MKIT)	72.25	16.06
28 21 31 00-0529	EA	Indoor/Outdoor Wall Mount For Esprit® Systems (Pelco EWM)	113.52	16.06
28 21 31 00-0530	EA	Wall Mount For High Security Enclosures (Pelco HSWM12)	144.48	16.06
28 21 31 00-0531	EA	Ground Isolation Transformer (Pelco GIT100)	417.39	43.88
28 21 31 00-0532	EA	High Security, Indoor Wedge Style Enclosure (Pelco HS2100)	588.90	43.88
28 21 31 00-0533	EA	High Security, Indoor 10" Length Enclosure (Pelco HS3000)	501.08	43.88
28 21 31 00-0534	EA	High Security, Indoor Medium Corner Mount Enclosure (Pelco HS1500)	683.54	43.88
28 21 31 00-0535	EA	High Security, Ceiling Mount, Lexan Window, Aluminum Enclosure (Pelco HS8080)	386.44	43.88
28 21 31 00-0536	EA	High Security, Ceiling Mount, Lexan Window, Steel Enclosure (Pelco HS8134)	979.07	43.88
28 21 31 00-0537	EA	Bullet-Resistant, Outdoor Enclosure (Pelco HS4514)	1,579.84	43.88
28 21 31 00-0538	EA	Bullet-Resistant, Outdoor Enclosure With Mount (Pelco HS4514/MT)	1,879.05	43.88
28 21 31 00-0539	EA	24X, Color/Black And White, Esprit® Camera Module (Pelco ESIOPCBW24)	1,946.69	43.88
28 21 31 00-0540	EA	35X, Color/Black And White, Esprit® Camera Module (Pelco ESIOPCBW35)	2,053.30	43.88
28 21 31 00-0541	EA	24 Volt AC, Esprit® Pan Tilt Enclosure Receiver (Pelco ES3012-2)	2,499.86	43.88
28 21 31 00-0542	EA	24 Volt AC, Pedestal Mount, Esprit® Pan/Tilt Enclosure Receiver (Pelco ES3012-2N)	2,529.51	43.88
28 21 31 00-0543	EA	24 Volt AC, Wall Mount, Esprit® Pan/Tilt Enclosure Receiver (Pelco ES3012-2W)	2,557.97	43.88
28 21 31 00-0544	EA	30X, 24 Volt AC, DSS, Color High Resolution, Esprit® CLZ Pan/Tilt Camera System (Pelco ES3012-2CLZ30)	6,449.75	43.88
28 21 31 00-0545	EA	30X, 24 Volt AC, Preset Positioning, DSS, Color High Resolution, Esprit® CLZ Pan/Tilt Camera System (Pelco ES3012-2CLZ30P)	6,628.59	43.88
28 21 31 00-0546	EA	Esprit® Camera Pole Mount Adapter (Pelco EPM)	115.21	10.34
28 21 31 00-0547	EA	Pole Mount Adapter For Esprit® Systems (Pelco EPM)	115.21	10.34
28 21 31 00-0548		**Camera Lenses** *(28 21 31 00-0047)*		
28 21 31 00-0549		**Fixed Focus Camera Lenses** *(28 21 31 00-0548)*		
		Note: 1/3" format and manual focus.		
28 21 31 00-0550		**Manual Iris, Fixed Focus Camera Lenses** *(28 21 31 00-0549)*		
28 21 31 00-0551	EA	2.3 mm, Manual Iris, Fixed Focus Camera Lens (Pelco 13FA2.3)	184.12	15.07
28 21 31 00-0552	EA	2.8 mm, Manual Iris, Fixed Focus Camera Lens (Pelco 13FA2.8)	152.02	15.07
28 21 31 00-0553	EA	4 mm, Manual Iris, Fixed Focus Camera Lens (Pelco 13FA4)	135.97	15.07
28 21 31 00-0554	EA	8 mm, Manual Iris, Fixed Focus Camera Lens (Pelco 13FA8)	132.53	15.07
28 21 31 00-0555		**Direct Drive Auto Iris, Fixed Focus Camera Lenses** *(28 21 31 00-0549)*		
		Note: Includes spot filter. Excludes amplifier.		
28 21 31 00-0556	EA	2.3 mm, Direct Drive Auto Iris, Fixed Focus Camera Lens (Pelco 13FD2.3)	231.12	15.07
28 21 31 00-0557	EA	2.8 mm, Direct Drive Auto Iris, Fixed Focus Camera Lens (Pelco 13FD2.8)	184.12	15.07
28 21 31 00-0558	EA	4 mm, Direct Drive Auto Iris, Fixed Focus Camera Lens (Pelco 13FD4)	172.66	15.07
28 21 31 00-0559	EA	8 mm, Direct Drive Auto Iris, Fixed Focus Camera Lens (Pelco 13FD8)	122.22	15.07
28 21 31 00-0560		**Video Drive Auto Iris, Fixed Focus Camera Lenses** *(28 21 31 00-0549)*		
		Note: Includes LDC100 adapter to convert DC auto iris to video drive.		
28 21 31 00-0561	EA	2.3 mm, Video Drive Auto Iris, Fixed Focus Camera Lenses (Pelco 13FV2.3S)	273.54	15.07
28 21 31 00-0562	EA	2.8 mm, Video Drive Auto Iris, Fixed Focus Camera Lenses (Pelco 13FV2.8S)	225.39	15.07
28 21 31 00-0563	EA	4 mm, Video Drive Auto Iris, Fixed Focus Camera Lenses (Pelco 13FV4S)	213.93	15.07
28 21 31 00-0564	EA	8 mm, Video Drive Auto Iris, Fixed Focus Camera Lenses (Pelco 13FV8S)	204.76	15.07
28 21 31 00-0565		**Varifocal Camera Lenses** *(28 21 31 00-0548)*		
		Note: 1/3" format and manual focus and zoom.		
28 21 31 00-0566		**Manual Iris, Varifocal Camera Lenses** *(28 21 31 00-0565)*		
28 21 31 00-0567	EA	1.6-3.4 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA1-3)	246.26	15.07
28 21 31 00-0568	EA	2.5-6 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA2.5-6)	216.22	15.07
28 21 31 00-0569	EA	2.8-12 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA2.8-12)	166.93	15.07
28 21 31 00-0570	EA	3-8 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA3-8)	146.29	15.07
28 21 31 00-0571	EA	5.5-82.5 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA5.5-82.5)	388.18	15.07
28 21 31 00-0572	EA	5-40 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA5-40)	191.47	15.07
28 21 31 00-0573	EA	5-50 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA5-50)	203.92	15.07
28 21 31 00-0574		**Direct Drive Auto Iris, Varifocal Camera Lenses** *(28 21 31 00-0565)*		
		Note: Includes spot filter.		
28 21 31 00-0575	EA	1.6-3.4 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD1-3)	242.11	15.07
28 21 31 00-0576	EA	2.5-6 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD2.5-6)	213.88	15.07
28 21 31 00-0577	EA	2.8-12 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD2.8-12)	164.08	15.07

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0578	EA	3-8 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD3-8)	122.57	15.07
28 21 31 00-0579	EA	5.5-82.5 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD5.5-82.5)	423.72	15.07
28 21 31 00-0580	EA	5-50 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD5-50)	239.62	15.07
28 21 31 00-0581		**Video Drive Auto Iris, Varifocal Camera Lenses** *(28 21 31 00-0565)*		
		Note: Includes spot filter.		
28 21 31 00-0582	EA	1.6-3.4 mm, Video Drive Auto Iris, Varifocal Camera Lens (Pelco 13VV1-3S)	370.98	15.07
28 21 31 00-0583	EA	2.5-6 mm, Video Drive Auto Iris, Varifocal Camera Lens (Pelco 13VV2.5-6S)	328.57	15.07
28 21 31 00-0584	EA	3-8 mm, Video Drive Auto Iris, Varifocal Camera Lens (Pelco 13VV3-8S)	195.59	15.07
28 21 31 00-0585	EA	5-50 mm, Video Drive Auto Iris, Varifocal Camera Lens (Pelco 13VV5-50S)	366.40	15.07
28 21 31 00-0586		**Infrared Corrected, Direct Drive Auto Iris, Varifocal Camera Lenses** *(28 21 31 00-0565)*		
28 21 31 00-0587	EA	3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VDIR3-8.5)	141.66	15.07
28 21 31 00-0588	EA	7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VDIR7.5-50)	212.22	15.07
28 21 31 00-0589		**Motorized Zoom Camera Lenses** *(28 21 31 00-0548)*		
		Note: 1/3" format.		
28 21 31 00-0590		**Manual Iris, Motorized Zoom Camera Lenses** *(28 21 31 00-0589)*		
28 21 31 00-0591	EA	8X Zoom, 6-48 mm, Manual Iris, Motorized Zoom Camera Lens (Pelco 13ZM6X8)	677.07	15.07
28 21 31 00-0592	EA	10X Zoom, 6-60 mm, Manual Iris, Motorized Zoom Camera Lens (Pelco 13ZM6X10)	846.74	15.07
28 21 31 00-0593	EA	15X Zoom, 6-90 mm, Manual Iris, Motorized Zoom Camera Lens (Pelco 13ZM6X15)	902.91	15.07
28 21 31 00-0594		**Direct Drive Auto Iris, Motorized Zoom Camera Lenses** *(28 21 31 00-0589)*		
		Note: Includes spot filter.		
28 21 31 00-0595	EA	6X Zoom, 6-48 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD6X8)	561.71	15.07
28 21 31 00-0596	EA	10X Zoom, 6-60 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD6X10)	648.87	15.07
28 21 31 00-0597	EA	15X Zoom, 6-90 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD6X15)	998.07	15.07
28 21 31 00-0598	EA	20X Zoom, 5.6-112 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD5.6X20)	1,112.08	15.07
28 21 31 00-0599	EA	30X Zoom, 5.5-165 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD5.5X30)	2,205.37	15.07
28 21 31 00-0600		**Video Drive Auto Iris, Motorized Zoom Camera Lenses** *(28 21 31 00-0589)*		
		Note: Includes spot filter.		
28 21 31 00-0601	EA	8X Zoom, 6-48 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV6X8S)	694.27	15.07
28 21 31 00-0602	EA	10X Zoom, 6-60 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV6X10S)	827.25	15.07
28 21 31 00-0603	EA	15X Zoom, 6-90 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV6X15S)	1,040.48	15.07
28 21 31 00-0604	EA	20X Zoom, 5.6-112 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV5.6X20S)	1,516.24	15.07
28 21 31 00-0605	EA	30X Zoom, 5.5-165 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV5.5X30S)	2,471.19	15.07
28 21 31 00-0606		**Camera Power Supplies** *(28 21 31 00-0047)*		
28 21 31 00-0607	EA	20 VA, 24 Volt AC, Camera Power Transformer (Pelco TF2000)	46.34	12.85
28 21 31 00-0608	EA	50 VA, 24 Volt AC, Camera Power Transformer (Pelco TF9000)	80.73	12.85
28 21 31 00-0609	EA	2 Amperes, 4 Outputs, Camera Power Supply (Pelco MCS4-2)	321.19	25.70
28 21 31 00-0610	EA	5 Amperes, 8 Outputs, Camera Power Supply (Pelco MCS8-5)	371.80	38.55
28 21 31 00-0611	EA	10 Amperes, 16 Outputs, Camera Power Supply (Pelco MCS16-10)	419.90	51.40
		For Switchable Outputs, Add	*190.27*	
28 21 31 00-0612	EA	20 Amperes, 16 Outputs, Camera Power Supply (Pelco MCS16-20)	470.51	64.24
		For Switchable Outputs, Add	*205.21*	
28 21 31 00-0613		**Camera Illuminators** *(28 21 31 00-0047)*		
28 21 31 00-0614		**Camera Illuminators** *(28 21 31 00-0613)*		
		Note: Includes lamp and mounting bracket.		
28 21 31 00-0615	EA	Narrow Spot Lamp, Low Light Level Camera Illuminator (Pelco LL27MF)	1,807.68	25.70
28 21 31 00-0616	EA	Infrared Narrow Spot Lamp, Low Light Level Camera Illuminator (Pelco LL27NS)	1,807.68	25.70
28 21 31 00-0617	EA	Flood Lamp, Low Light Level Camera Illuminator (Pelco LL27WF)	1,807.68	25.70
28 21 31 00-0618		**Camera Illuminator Accessories** *(28 21 31 00-0613)*		
28 21 31 00-0619	EA	Removal And Replacement Of Lamp For Low Light Level Camera Illuminator (Pelco PAR56)	148.84	25.70
28 21 31 00-0620		**Camera Receivers** *(28 21 31 00-0047)*		
28 21 31 00-0621	EA	24 Volt AC, Coaxitron® Outdoor Camera Receiver With Preset Positioning (Pelco CX9024RX-PP)	1,749.51	43.88
28 21 31 00-0622	EA	120 Volt AC, Coaxitron® Outdoor Camera Receiver With Preset Positioning (Pelco CX9115RX-PP)	1,749.51	43.88
28 21 31 00-0623		**Pan And Tilt Drives** *(28 21 31 00-0047)*		
28 21 31 00-0624	EA	15 Lb. Load, 24 Volt AC, Outdoor Pan And Tilt Drive (Pelco PT270-24P)	1,239.40	96.37
28 21 31 00-0625	EA	40 Lb. Load, 24/120 Volt AC, Outdoor Pan And Tilt Drive (Pelco PT570-24P)	1,574.15	96.37
		For Preset Positioning, Add	*165.00*	
28 21 31 00-0626	EA	100 Lb. Load, 120 Volt AC, Outdoor Pan And Tilt Drive (Pelco PT1250P)	3,330.44	96.37
		For Preset Positioning, Add	*165.00*	

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28 21 31 00-0627	EA	100 Lb. Load, 120 Volt DC, Outdoor Pan And Tilt Drive (Pelco PT1250DC)	3,806.19	96.37
		For Preset Positioning, Add	*165.00*	
28 21 31 00-0628	EA	100 Lb. Load, 120 Volt DC, 360 Degree Outdoor Pan And Tilt Drive (Pelco PT1280SL)	4,404.61	96.37
		For Preset Positioning, Add	*165.00*	
28 21 31 00-0629	EA	100 Lb. Load, 120 Volt DC, Explosion Proof Outdoor Pan And Tilt Drive (Pelco PT1260EX)	5,677.12	96.37
		For Preset Positioning, Add	*165.00*	
28 21 31 00-0630		**Scanners** *(28 21 31 00-0047)*		
28 21 31 00-0631	EA	35 Lb. Load, 24 Volt AC, Indoor/Outdoor Scanner (Pelco PS20-24)	1,414.80	96.37
		For Wall Mount, Add	*39.05*	
		For Pressure Sensor Alarm, Add	*51.15*	
28 21 31 00-0632	EA	35 Lb. Load, 120 Volt AC, Indoor/Outdoor Scanner (Pelco PS20)	1,487.03	96.37
		For Wall Mount, Add	*39.05*	
		For Pressure Sensor Alarm, Add	*51.15*	
28 21 31 00-0633		**Camera Monitors** *(28 21 31 00-0046)*		
28 21 31 00-0634		**Camera Monitors** *(28 21 31 00-0633)*		
28 21 31 00-0635		**Monochrome Camera Monitors** *(28 21 31 00-0634)*		
28 21 31 00-0636	EA	9" Monochrome Camera Monitor (Pelco PMM9A)	275.85	19.27
28 21 31 00-0637	EA	12" Monochrome Camera Monitor (Pelco PMM12A)	315.98	19.27
28 21 31 00-0638	EA	15" Monochrome Camera Monitor (Pelco PMM15A)	485.65	19.27
28 21 31 00-0639	EA	20" Monochrome Camera Monitor (Pelco PMM20A)	782.56	19.27
28 21 31 00-0640		**Color Camera Monitors** *(28 21 31 00-0634)*		
28 21 31 00-0641	EA	9", High Resolution Color, Camera Monitor (Pelco PMC9A)	883.45	19.27
28 21 31 00-0642	EA	15", High Resolution Color, Camera Monitor (Pelco PMCS15A)	716.07	19.27
28 21 31 00-0643	EA	17", High Resolution Color, Camera Monitor (Pelco PMCS17A)	1,041.65	19.27
28 21 31 00-0644	EA	19", High Resolution Color, Camera Monitor (Pelco PMCS19A)	1,385.57	19.27
28 21 31 00-0645		**LCD Camera Monitors** *(28 21 31 00-0633)*		
28 21 31 00-0646		**VGA Signal, Color LCD Camera Monitors (Pelco 200 Series)** *(28 21 31 00-0645)*		
		Note: Displays VGA computer signals.		
28 21 31 00-0647	EA	17", VGA Signal, High Resolution Color, LCD Camera Monitor (Pelco PMCL217)	999.23	19.27
28 21 31 00-0648	EA	19", VGA Signal, High Resolution Color, LCD Camera Monitor (Pelco PMCL219)	1,301.88	19.27
28 21 31 00-0649		**Multimode, Color LCD Camera Monitors (Pelco 300 Series)** *(28 21 31 00-0645)*		
		Note: Displays VGA computer signals and/or composite video signals.		
28 21 31 00-0650	EA	15", Multimode, High Resolution Color, LCD Camera Monitor (Pelco PMCL315)	1,136.80	19.27
28 21 31 00-0651	EA	17", Multimode, High Resolution Color, LCD Camera Monitor (Pelco PMCL317)	1,361.50	19.27
28 21 31 00-0652	EA	19", Multimode, High Resolution Color, LCD Camera Monitor (Pelco PMCL319)	1,675.61	19.27
28 21 31 00-0653		**Multimode With PIP, Color LCD Camera Monitors (Pelco 400 Series)** *(28 21 31 00-0645)*		
		Note: Displays VGA computer signals and/or composite video signals. Includes picture in picture option.		
28 21 31 00-0654	EA	15", Multimode With PIP, High Resolution Color, LCD Camera Monitor (Pelco PMCL415)	1,460.09	19.27
28 21 31 00-0655	EA	17", Multimode With PIP, High Resolution Color, LCD Camera Monitor (Pelco PMCL417)	1,693.95	19.27
28 21 31 00-0656	EA	19", Multimode With PIP, High Resolution Color, LCD Camera Monitor (Pelco PMCL419)	2,126.14	19.27
28 21 31 00-0657		**Camera Monitor Mounting Accessories** *(28 21 31 00-0633)*		
28 21 31 00-0658		**Camera Monitor Mounts** *(28 21 31 00-0657)*		
28 21 31 00-0659	EA	Up To 14", Camera Monitor Mount (Pelco)	338.00	25.70
28 21 31 00-0660	EA	>14" To 17", Camera Monitor Mount (Pelco)	394.17	25.70
28 21 31 00-0661	EA	>17" To 21", Camera Monitor Mount (Pelco)	462.96	25.70
28 21 31 00-0662		**Camera Monitor Rack Mount Kits** *(28 21 31 00-0657)*		
28 21 31 00-0663	EA	Camera Monitor Rack Mount Kit (Pelco PMCL-RM)	203.87	25.70
28 21 31 00-0664		**Video Transmission Equipment** *(28 21 31 00-0046)*		
28 21 31 00-0665		**UTP Cable, Video Transmission Equipment** *(28 21 31 00-0664)*		
28 21 31 00-0666		**UTP Cable, Active Video Receivers** *(28 21 31 00-0665)*		
28 21 31 00-0667	EA	Single Channel, UTP Cable, Active Video Receiver (Pelco TW3001AR)	425.36	32.13
28 21 31 00-0668	EA	Four Channel, UTP Cable, Active Video Receiver (Pelco TW3004AR)	1,472.02	32.13
28 21 31 00-0669	EA	Eight Channel, 4 Outputs, UTP Cable, Active Video Receiver (Pelco TW3008AR-4-US)	2,899.29	32.13
28 21 31 00-0670	EA	Sixteen Channel, UTP Cable, Active Video Receiver (Pelco TW3016AR1-US)	4,764.48	32.13
28 21 31 00-0671	EA	Sixteen Channel, 2 Outputs, UTP Cable, Active Video Receiver (Pelco TW3016AR-2-US)	5,563.52	32.13

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0672		**UTP Cable, Passive Video Transceivers** *(28 21 31 00-0665)*		
28 21 31 00-0673	EA	Single Channel, UTP Cable, Passive Video Transceiver (Pelco TW3001P)	122.71	32.13
28 21 31 00-0674	EA	Four Channel, UTP Cable, Passive Video Transceiver (Pelco TW3004P)	425.36	32.13
28 21 31 00-0675	EA	Eight Channel, UTP Cable, Passive Video Transceiver (Pelco TW3008P)	787.62	32.13
28 21 31 00-0676	EA	Sixteen Channel, UTP Cable, Passive Video Transceiver (Pelco TW3016P)	1,500.68	32.13
28 21 31 00-0677	EA	Thirty Two Channel, UTP Cable, Passive Video Transceiver (Pelco TW3032P)	2,938.26	32.13
28 21 31 00-0678		**UTP Cable, Active Video Transmitters** *(28 21 31 00-0665)*		
28 21 31 00-0679	EA	Single Channel, UTP Cable, Active Video Transmitter (Pelco TW3001AT)	444.84	32.13
28 21 31 00-0680		**Fiber Optics, Video Transmission Equipment** *(28 21 31 00-0664)*		
28 21 31 00-0681		**Data Only, Fiber Optics Transmission Equipment** *(28 21 31 00-0680)*		
28 21 31 00-0682		**Bidirectional Data, Fiber Optics Transmitters** *(28 21 31 00-0681)*		
28 21 31 00-0683	EA	Single-Channel, Single Mode, Bidirectional Data, Fiber Optics Transmitter (Pelco FT8101AS)	2,590.97	64.24
28 21 31 00-0684	EA	Single-Channel, Multimode, Bidirectional Data, Fiber Optics Transmitter (Pelco FT8101AM)	1,057.08	64.24
28 21 31 00-0685	EA	Four-Channel, Single Mode, Bidirectional Data, Fiber Optics Transmitter (Pelco FT8104S)	1,892.81	64.24
28 21 31 00-0686	EA	Four-Channel, Multimode, Bidirectional Data, Fiber Optics Transmitter (Pelco FT8104M)	1,304.71	64.24
28 21 31 00-0687		**Bidirectional Data, Fiber Optics Receivers** *(28 21 31 00-0681)*		
28 21 31 00-0688	EA	Single-Channel, Single Mode, Bidirectional Data, Fiber Optics Receiver (Pelco FR8101AS)	2,590.97	64.24
28 21 31 00-0689	EA	Single-Channel, Multimode, Bidirectional Data, Fiber Optics Receiver (Pelco FR8101AM)	1,057.08	64.24
28 21 31 00-0690	EA	Four-Channel, Single Mode, Bidirectional Data, Fiber Optics Receiver (Pelco FR8104S)	1,892.81	64.24
28 21 31 00-0691	EA	Four-Channel, Multimode, Bidirectional Data, Fiber Optics Receiver (Pelco FR8104M)	1,304.71	64.24
28 21 31 00-0692		**Video Only, Fiber Optics Transmission Equipment** *(28 21 31 00-0680)*		
28 21 31 00-0693		**Digitally Encoded Video, Fiber Optics Transmitters** *(28 21 31 00-0692)*		
28 21 31 00-0694	EA	Single-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8301AS)	1,148.80	64.24
28 21 31 00-0695	EA	Single-Channel, Multimode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8301AM)	499.93	64.24
28 21 31 00-0696	EA	Four-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8304S)	3,188.24	64.24
28 21 31 00-0697	EA	Four-Channel, Multimode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8304M)	1,915.74	64.24
28 21 31 00-0698	EA	Eight-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8308S)	5,224.25	64.24
28 21 31 00-0699	EA	Eight-Channel, Multimode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8308M)	4,343.81	64.24
28 21 31 00-0700	EA	Sixteen-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8316S)	12,973.91	64.24
28 21 31 00-0701	EA	Sixteen-Channel, Multimode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8316M)	11,546.64	64.24
28 21 31 00-0702		**Digitally Encoded Video, Fiber Optics Receivers** *(28 21 31 00-0692)*		
28 21 31 00-0703	EA	Single-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8301AS)	1,148.80	64.24
28 21 31 00-0704	EA	Single-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8301AM)	499.93	64.24
28 21 31 00-0705	EA	Two-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8302AS)	1,962.74	64.24
28 21 31 00-0706	EA	Two-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8302AM)	794.56	64.24
28 21 31 00-0707	EA	Four-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8304S)	3,188.24	64.24
28 21 31 00-0708	EA	Four-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8304M)	1,915.74	64.24
28 21 31 00-0709	EA	Eight-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8308S)	5,224.25	64.24
28 21 31 00-0710	EA	Eight-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8308M)	4,343.81	64.24
28 21 31 00-0711	EA	Sixteen-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8316S)	12,973.91	64.24
28 21 31 00-0712	EA	Sixteen-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8316M)	11,546.64	64.24
28 21 31 00-0713		**Video And Data, Fiber Optics Transmission Equipment** *(28 21 31 00-0680)*		
28 21 31 00-0714		**Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitters** *(28 21 31 00-0713)*		
28 21 31 00-0715	EA	Single-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85011AS)	1,982.23	64.24
28 21 31 00-0716	EA	Single-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85011AM)	1,180.90	64.24
28 21 31 00-0717	EA	Four-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85041S)	4,617.80	64.24
28 21 31 00-0718	EA	Four-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85041M)	3,997.60	64.24
28 21 31 00-0719	EA	Eight-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85081S)	7,475.78	64.24
28 21 31 00-0720	EA	Eight-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85081M)	5,419.14	64.24
28 21 31 00-0721		**Digitally Encoded Video With Bidirectional Data, Fiber Optics Receivers** *(28 21 31 00-0713)*		
28 21 31 00-0722	EA	Single-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85011AS)	1,982.23	64.24
28 21 31 00-0723	EA	Single-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85011AM)	1,180.90	64.24
28 21 31 00-0724	EA	Four-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85041S)	4,617.80	64.24

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0725	EA	Four-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85041M)	3,997.60	64.24
28 21 31 00-0726	EA	Eight-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85081S)	7,475.78	64.24
28 21 31 00-0727	EA	Eight-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85081M)	5,419.14	64.24
28 21 31 00-0728		Video, Audio And Data, Fiber Optics Transmission Equipment *(28 21 31 00-0680)*		
28 21 31 00-0729		Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Transmitters *(28 21 31 00-0728)*		
28 21 31 00-0730	EA	Single-Channel, Single Mode, Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Transmitter (Pelco FT86011S)	2,554.28	64.24
28 21 31 00-0731	EA	Single-Channel, Multimode, Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Transmitter (Pelco FT86011M)	2,031.52	64.24
28 21 31 00-0732		Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Receivers *(28 21 31 00-0728)*		
28 21 31 00-0733	EA	Single-Channel, Single Mode, Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Receiver (Pelco FR86011S)	2,554.28	64.24
28 21 31 00-0734	EA	Single-Channel, Multimode, Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Receiver (Pelco FR86011M)	2,031.52	64.24
28 21 31 00-0735		Video Amplifiers *(28 21 31 00-0664)*		
28 21 31 00-0736		Video Distribution Amplifiers *(28 21 31 00-0735)*		
28 21 31 00-0737	EA	1 Input, 4 Outputs, Video Distribution Amplifier (Pelco DA104DT)	315.29	16.06
28 21 31 00-0738	EA	16 Channel, Master, Video Distribution Amplifier (Pelco CM9760-MDA) Note: Inserts time-date and title on up to 16 video inputs.	2,566.82	16.06
28 21 31 00-0739		Video Equalizing Amplifiers *(28 21 31 00-0735)*		
28 21 31 00-0740	EA	Video Equalizing Amplifier (Pelco EA2010)	342.80	16.06
28 21 31 00-0741	EA	Half-Duplex, Video Equalizing Amplifier (Pelco EA2000)	538.84	16.06
28 21 31 00-0742		Network Video Equipment *(28 21 31 00-0046)*		
28 21 31 00-0743		Video Encoders/Decoders *(28 21 31 00-0742)*		
28 21 31 00-0744	EA	MPEG4 IP Video Receiver (Pelco NET300R)	1,270.31	32.13
28 21 31 00-0745	EA	MPEG4 IP Video Transmitter (Pelco NET300T)	1,270.31	32.13
28 21 31 00-0746	EA	MPEG4 IP Video Receiver With Audio (Pelco NET350R)	1,462.91	32.13
28 21 31 00-0747	EA	MPEG4 IP Video Transmitter With Audio And Local Storage (Pelco NET350T)	1,462.91	32.13
28 21 31 00-0748		Network Video Recorders *(28 21 31 00-0742)*		
28 21 31 00-0749	EA	16 Device Or 100MBPS, Network Video Recorder (Pelco NVR316)	8,068.47	64.24
28 21 31 00-0750	EA	32 Device Or 100MBPS, Network Video Recorder (Pelco NVR332)	9,390.27	64.24
28 21 31 00-0751	EA	64 Device Or 100MBPS, Network Video Recorder (Pelco NVR364)	12,036.16	64.24
28 21 31 00-0752	EA	64 Device Or 100MBPS, PelcoNet Network Video Recorder (Pelco NVR300)	7,968.73	64.24
28 21 31 00-0753		Network Video Recorder Software *(28 21 31 00-0742)*		
28 21 31 00-0754	EA	10 User, License Pack (Pelco VMX300-LIC-10)	797.89	
28 21 31 00-0755	EA	20 User, License Pack (Pelco VMX300-LIC-20)	1,438.73	
28 21 31 00-0756	EA	50 User, License Pack (Pelco VMX300-LIC-50)	3,195.02	
28 21 31 00-0757	EA	100 User, License Pack (Pelco VMX300-LIC-100)	5,588.70	
28 21 31 00-0758	EA	10 User, Enterprise License Pack (Pelco VMX300-E-LIC10)	1,332.12	
28 21 31 00-0759	EA	20 User, Enterprise License Pack (Pelco VMX300-E-LIC20)	2,395.98	
28 21 31 00-0760	EA	50 User, Enterprise License Pack (Pelco VMX300-E-LIC50)	5,325.03	
28 21 31 00-0761	EA	100 User, Enterprise License Pack (Pelco VMX300-E-LIC100)	9,316.79	
28 21 31 00-0762	EA	200 User, Enterprise License Pack (Pelco VMX300-E-LIC200)	15,970.50	
28 21 31 00-0763	EA	500 User, Enterprise License Pack (Pelco VMX300-E-LIC500)	33,270.82	
28 21 31 00-0764	EA	0 Analog Inputs, No Monitors, Video Management Client Software Installed On Pelco Workstation (Pelco VMX300-CL-0)	7,180.68	
28 21 31 00-0765	EA	1 Analog Inputs, No Monitors, Video Management Client Software Installed On Pelco Workstation (Pelco VMX300-CL-1)	7,624.34	
28 21 31 00-0766	EA	4 Analog Inputs, No Monitors, Video Management Client Software Installed On Pelco Workstation (Pelco VMX300-CL-4)	12,062.05	
28 21 31 00-0767	EA	0 Analog Inputs, No Monitors, Video Management Client/Server Software Installed On Pelco Workstation (Pelco VMX300-CSVR-0)	7,979.72	
28 21 31 00-0768	EA	1 Analog Input, No Monitors, Video Management Client/Server Software Installed On Pelco Workstation (Pelco VMX300-CSVR-1)	8,423.38	
28 21 31 00-0769	EA	4 Analog Inputs, No Monitors, Video Management Client/Server Software Installed On Pelco Workstation (Pelco VMX300-CSVR-4)	12,858.80	
28 21 31 00-0770	EA	0 Analog Inputs, No Monitors, Enterprise Video Management Client Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CL-0)	7,713.76	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0771	EA	1 Analog Input, No Monitors, Enterprise Video Management Client Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CL-1)	8,158.56	
28 21 31 00-0772	EA	4 Analog Inputs, No Monitors, Enterprise Video Management Client Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CL-4)	12,595.13	
28 21 31 00-0773	EA	0 Analog Inputs, No Monitors, Enterprise Video Management Client/Server Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CSVR-0)	9,043.58	
28 21 31 00-0774	EA	1 Analog Input, No Monitors, Enterprise Video Management Client/Server Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CSVR-1)	9,487.24	
28 21 31 00-0775	EA	4 Analog Inputs, No Monitors, Enterprise Video Management Client/Server Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CSVR-4)	13,924.95	
28 21 31 00-0776		Video Recording Equipment *(28 21 31 00-0046)*		
28 21 31 00-0777		Digital Video Recorders *(28 21 31 00-0776)*		
28 21 31 00-0778	EA	8 Channel, 1TB Hard Drive, 8 Channel Audio, Digital Video Recorder With DVD (Pelco DX8108-1000A)	12,636.87	64.24
28 21 31 00-0779	EA	8 Channel, 2 TB Hard Drive, 8 Channel Audio, Digital Video Recorder With DVD (Pelco DX8108-2000A)	17,330.23	64.24
28 21 31 00-0780	EA	8 Channel, 3 TB Hard Drive, 8 Channel Audio, Digital Video Recorder With DVD (Pelco DX8108-3000A)	22,024.74	64.24
28 21 31 00-0781	EA	16 Channel, 1 TB Hard Drive, 16 Channel Audio, Digital Video Recorder With DVD (Pelco DX8116-1000A)	15,215.12	64.24
28 21 31 00-0782	EA	16 Channel, 2 TB Hard Drive, 16 Channel Audio, Digital Video Recorder With DVD (Pelco DX8116-2000A)	19,908.49	64.24
28 21 31 00-0783	EA	16 Channel, 3 TB Hard Drive, 16 Channel Audio, Digital Video Recorder With DVD (Pelco DX8116-3000A)	24,602.99	64.24
28 21 31 00-0784	EA	24 Channel, 1 TB Hard Drive, 24 Channel Audio, Digital Video Recorder With DVD (Pelco DX8124-1000A)	16,633.22	64.24
28 21 31 00-0785	EA	24 Channel, 2 TB Hard Drive, 24 Channel Audio, Digital Video Recorder With DVD (Pelco DX8124-2000A)	21,326.58	64.24
28 21 31 00-0786	EA	24 Channel, 3 TB Hard Drive, 24 Channel Audio, Digital Video Recorder With DVD (Pelco DX8124-3000A)	26,021.09	64.24
28 21 31 00-0787	EA	32 Channel, 1 TB Hard Drive, 32 Channel Audio, Digital Video Recorder With DVD (Pelco DX8132-1000A)	19,211.47	64.24
28 21 31 00-0788	EA	32 Channel, 2 TB Hard Drive, 32 Channel Audio, Digital Video Recorder With DVD (Pelco DX8132-2000A)	23,904.84	64.24
28 21 31 00-0789	EA	32 Channel, 3 TB Hard Drive, 32 Channel Audio, Digital Video Recorder With DVD (Pelco DX8132-3000A)	28,599.34	64.24
28 21 31 00-0790	EA	16 Channel, 30 IPS, Digital Video Recorder (Pelco DX9116F-1500)	13,949.84	64.24
28 21 31 00-0791		Digital Video Recorder Accessories *(28 21 31 00-0776)*		
28 21 31 00-0792	EA	16 Channel, Multiplexed Analog Output Display Card (Pelco DX8000-MUX16)	1,229.04	32.13
28 21 31 00-0793		Matrix Systems And Controls *(28 21 31 00-0046)*		
28 21 31 00-0794		Video Multiplexers *(28 21 31 00-0793)*		
28 21 31 00-0795		Monochrome Duplex, Video Multiplexers *(28 21 31 00-0794)*		
28 21 31 00-0796	EA	9 Channel, Monochrome Duplex, Video Multiplexer (Pelco MX4009MD)	2,322.71	64.24
28 21 31 00-0797	EA	16 Channel, Monochrome Duplex, Video Multiplexer (Pelco MX4016MD)	2,195.46	64.24
28 21 31 00-0798		Color Duplex, Video Multiplexers *(28 21 31 00-0794)*		
28 21 31 00-0799	EA	4 Channel, Color Duplex, Video Multiplexer (Pelco MX4004CD)	1,569.52	64.24
28 21 31 00-0800	EA	9 Channel, Color Duplex, Video Multiplexer (Pelco MX4009CD)	2,992.21	64.24
28 21 31 00-0801	EA	16 Channel, Color Duplex, Video Multiplexer (Pelco MX4016CD)	3,243.27	64.24
28 21 31 00-0802		Color Simplex, Video Multiplexers *(28 21 31 00-0794)*		
28 21 31 00-0803	EA	9 Channel, Monochrome Simplex, Video Multiplexer (Pelco MX4009CS)	2,515.30	64.24
28 21 31 00-0804	EA	16 Channel, Monochrome Simplex, Video Multiplexer (Pelco MX4016CS)	2,937.18	64.24
28 21 31 00-0805		Video Multiplexer Accessories *(28 21 31 00-0794)*		
28 21 31 00-0806	EA	Pushbutton/Joystick Desktop Controls For PTZ, Fixed/Variable-Speed, Multiplexer Controller (Pelco KBD4000)	1,386.10	43.88
28 21 31 00-0807	EA	Pushbutton Desktop Controls For PTZ, Fixed/Variable-Speed, Multiplexer Controller (Pelco KBD4002)	815.19	43.88
28 21 31 00-0808	EA	Video Multiplexer Server (Pelco MX4000SVR)	2,322.71	64.24
28 21 31 00-0809		Quad Video Processor *(28 21 31 00-0793)*		
28 21 31 00-0810	EA	Monochrome, Quad Video Processor (Pelco QD104M)	718.83	32.13
28 21 31 00-0811	EA	Color, Quad Video Processor (Pelco QD104C)	1,177.39	32.13
28 21 31 00-0812		Switcher *(28 21 31 00-0793)*		
28 21 31 00-0813		Terminating Manual Switchers *(28 21 31 00-0812)*		
28 21 31 00-0814		Terminating Manual Switchers *(28 21 31 00-0813)*		
28 21 31 00-0815	EA	4 Inputs, Terminating Manual Switcher (Pelco MS504DT)	249.73	25.70
28 21 31 00-0816	EA	8 Inputs, Terminating Manual Switcher (Pelco MS508DT)	339.15	25.70
28 21 31 00-0817	EA	12 Inputs, Terminating Manual Switcher (Pelco MS512DT)	412.52	25.70
28 21 31 00-0818	EA	18 Inputs, Terminating Manual Switcher (Pelco MS518DT)	675.04	25.70
28 21 31 00-0819		Audio Follow, Terminating Manual Switchers *(28 21 31 00-0813)*		
28 21 31 00-0820	EA	4 Inputs, Audio Follow, Terminating Manual Switcher (Pelco MS504AF)	323.10	25.70
28 21 31 00-0821	EA	8 Inputs, Audio Follow, Terminating Manual Switcher (Pelco MS508AF)	569.57	25.70
28 21 31 00-0822	EA	18 Inputs, Audio Follow, Terminating Manual Switcher (Pelco MS518AF)	994.89	25.70

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28 21 31 00-0823		**Balanced Audio Follow, Terminating Manual Switchers** *(28 21 31 00-0813)*		
28 21 31 00-0824	EA	4 Inputs, Balanced Audio Follow, Terminating Manual Switcher (Pelco MS504BAF)	432.00	25.70
28 21 31 00-0825	EA	8 Inputs, Balanced Audio Follow, Terminating Manual Switcher (Pelco MS508BAF)	791.97	25.70
28 21 31 00-0826		**Looping Manual Switchers** *(28 21 31 00-0812)*		
28 21 31 00-0827		**Looping Manual Switchers** *(28 21 31 00-0826)*		
28 21 31 00-0828	EA	4 Inputs, Looping Manual Switcher (Pelco MS504LDT)	279.53	25.70
28 21 31 00-0829	EA	8 Inputs, Looping Manual Switcher (Pelco MS508LDT)	383.86	25.70
28 21 31 00-0830	EA	12 Inputs, Looping Manual Switcher (Pelco MS512LDT)	489.32	25.70
28 21 31 00-0831	EA	18 Inputs, Looping Manual Switcher (Pelco MS518LDT)	806.88	25.70
28 21 31 00-0832		**Audio Follow, Looping Manual Switchers** *(28 21 31 00-0826)*		
28 21 31 00-0833	EA	4 Inputs, Audio Follow, Looping Manual Switcher (Pelco MS504AFL)	348.32	25.70
28 21 31 00-0834	EA	8 Inputs, Audio Follow, Looping Manual Switcher (Pelco MS508AFL)	608.55	25.70
28 21 31 00-0835	EA	12 Inputs, Audio Follow, Looping Manual Switcher (Pelco MS512AFL)	835.54	25.70
28 21 31 00-0836		**Balanced Audio Follow, Looping Manual Switchers** *(28 21 31 00-0826)*		
28 21 31 00-0837	EA	4 Inputs, Balanced Audio Follow, Looping Manual Switcher (Pelco MS504BAFL)	462.96	25.70
28 21 31 00-0838	EA	8 Inputs, Balanced Audio Follow, Looping Manual Switcher (Pelco MS508BAFL)	838.98	25.70
28 21 31 00-0839	EA	12 Inputs, Balanced Audio Follow, Looping Manual Switcher (Pelco MS512BAFL)	1,055.65	25.70
28 21 31 00-0840		**Sequential Switchers** *(28 21 31 00-0812)*		
28 21 31 00-0841		**Single Output, Sequential Switchers** *(28 21 31 00-0840)*		
28 21 31 00-0842	EA	4 Inputs, Single Output, Sequential Desktop Switcher (Pelco VA6104)	490.47	25.70
28 21 31 00-0843	EA	8 Inputs, Single Output, Sequential Desktop Switcher (Pelco VA6108)	731.22	25.70
28 21 31 00-0844		**Dual Outputs, Sequential Switchers** *(28 21 31 00-0840)*		
28 21 31 00-0845	EA	4 Inputs, Dual Outputs, Sequential Desktop Switcher (Pelco VA6204)	613.14	25.70
28 21 31 00-0846	EA	8 Inputs, Dual Outputs, Sequential Desktop Switcher (Pelco VA6208)	849.29	25.70
28 21 31 00-0847		**Controls** *(28 21 31 00-0793)*		
28 21 31 00-0848		**Direct/Multi-Cable Controls** *(28 21 31 00-0847)*		
28 21 31 00-0849	EA	Scanner Control Module (Pelco MPS524DT)	421.98	64.24
28 21 31 00-0850	EA	120 Volt AC Pan/Tilt Control Module (Pelco MPT115DT)	450.64	64.24
28 21 31 00-0851	EA	24 Volt AC Pan/Tilt Control Module (Pelco MPT24DT)	499.93	64.24
28 21 31 00-0852	EA	Motorized Zoom Lens Control Module (Pelco MLZ6DT)	522.86	64.24
28 21 31 00-0853	EA	120 Volt AC Pan/Tilt, Scanner And Lens Control Module (Pelco MPTAZ115DT)	825.51	64.24
28 21 31 00-0854	EA	24 Volt AC Pan/Tilt, Scanner And Lens Control Module (Pelco MPTAZ24DT)	909.20	64.24
28 21 31 00-0855		**Coaxitron Controls** *(28 21 31 00-0847)*		
28 21 31 00-0856	EA	Desktop Keyboard, Fixed Speed Coaxitron Controller And Transmitter (Pelco KBD9000)	601.96	43.88
28 21 31 00-0857	EA	8 Position Joystick Pan/Tilt Controls, Switch Camera Lens Controls, Desktop Coaxitron Controller And Transmitter (Pelco MPT9000)	1,141.92	43.88
28 21 31 00-0858	EA	Integral Switcher, 8 Position Joystick Pan/Tilt Controls, Switch Camera Lens Controls, Desktop Coaxitron Controller And Transmitter (Pelco MPT9008)	1,296.68	43.88
28 21 31 00-0859		**Digital Controls** *(28 21 31 00-0847)*		
28 21 31 00-0860	EA	Pushbutton Desktop Controls For Pan/Tilt/Zoom, Fixed/Variable-Speed, Digital Controller (Pelco KBD200A)	809.46	43.88
28 21 31 00-0861	EA	Pushbutton/Joystick Desktop Controls For Pan/Tilt/Zoom, Fixed/Variable-Speed, Digital Controller (Pelco KBD300A)	1,374.63	43.88
28 21 31 00-0862		**Lock Boxes** *(28 21 31 00-0793)*		
28 21 31 00-0863	EA	VCR Lock Box (Pelco LB1000)	496.46	48.18
		For Wall Mount, Add	*165.00*	
28 21 31 00-0864	EA	Computer Disk Drive Lock Box (Pelco LB2000)	507.93	48.18
28 21 31 00-0865	EA	VCR And Multiplexer Lock Box (Pelco LB3000) Note: Includes storage for 32 VCR tapes.	932.10	48.18
28 21 31 00-0866		**Closed Circuit Television Cameras And Accessories** *(28 21 31)*		
28 21 31 00-0867	EA	Camera (Hikvision DS-2CD2143G0-I 2.8 DM IP 67 4MP2.8MM WDR POE/12)	384.45	64.14
28 21 31 00-0868	EA	Camera (Hikvision DS-2CD6986F-H OUTDOOR DARKFIGHTER 8MP 180 Degree Multi-Imager (4X2MP) WDR)	1,762.17	115.46
28 21 31 00-0869	EA	Network Video Recorder (ExacqVision IP04-30T-R2A IP 2U) Note: Includes recorder with 4 IP cameras licenses. ExacqVision Professional, 30 TB, client, web/mobile software pre-installed with 3 years software upgrades and hardware warranty. Win10 or Ubuntu Linux 16.04 on SSD. HDMI, DVI-D, DisplayPort (2 max simultaneous), Dual GB NICs. Keyboard and mouse included. ***** 30 TB version *** **** 30 days recording, based on 5 MP cameras, 24/7 - 10 fps	12,228.01	32.08
28 21 31 00-0870	EA	License (ExacqVision EXQ-EVIP-01 Exacq NVR)	304.95	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0871	EA	POE Switch UniFi Switch PoE+ 24 (Ubiquiti US-24-250W)	1,064.22	32.08
28 21 31 00-0872	EA	Transmitter/Receiver Antenna (Ubiquiti AF-5XHD)	1,227.71	64.14
28 21 31 00-0873		Test And Certification Of Surveillance Camera System *(28 21 31)*		
28 21 31 00-0874	DAY	Test And Certification Of Surveillance Camera System To Tie Into Existing Systems	1,020.22	
28 21 31 00-0875	HR	Test And Certification Of Surveillance Camera System	318.82	
28 21 31 00-0876		Programming Of Surveillance Camera System *(28 21 31)*		
28 21 31 00-0877	HR	Programming Of Surveillance Camera (CCTV) System	255.06	
28 21 31 00-0878		Removal And Reinstallation Of Cameras *(28 21 31)* Note: Includes storage, cleaning and supply materials.		
28 21 31 00-0879	EA	Removal And Reinstallation Of Camera System	578.23	

28 40 Life Safety *(28)*

Note: Includes testing of new devices and certification.

28 41 Radiation Detection and Alarm *(28 40)*

28 41 15 Radiation Detection Sensors *(28 41)*

28 41 15 00-0001 Wall Mount, Battery Operated, Home Radon Detector *(28 41 15)*
Note: Long term and 7 day average display.

28 41 15 00-0002	EA	Wall Mount, Battery Operated, Home Radon Detector	216.42	

28 42 Gas Detection and Alarm *(28 40)*

28 42 11 Gas Detection and Alarm Control, GUI, and Logic Systems *(28 42)*

28 42 11 00-0001 Monitoring System For Underground Tanks *(28 42 11)*

28 42 11 00-0002 Continuous Leak Detection System *(28 42 11 00-0001)*
Note: Includes calibration, electronic control module and probes. Excludes sample wells, electrical power supply and sensor cable.

28 42 11 00-0003	EA	Single Channel Underground Tank Monitoring System	9,889.91	526.01
28 42 11 00-0004	EA	2 Channel Underground Tank Monitoring System	13,345.57	701.78
28 42 11 00-0005	EA	3 Channel Underground Tank Monitoring System	18,932.83	751.81
28 42 11 00-0006	EA	4 Channel Underground Tank Monitoring System	20,256.87	1,052.03
28 42 11 00-0007	EA	Control Panel, 1-8 Tanks, Single Wall Tank Monitoring System	14,369.39	89.81
28 42 11 00-0008	EA	Control Panel, 1-4 Tanks, Double Wall Tank Monitoring System	12,958.45	80.19
28 42 11 00-0009	EA	Control Panel, 1-8 Tanks, Double Wall Tank Monitoring System	17,043.21	89.81
28 42 11 00-0010	EA	Tank Leak Detection Probe	5,277.46	19.24
28 42 11 00-0011	EA	Secondary Containment Collar Probe	643.12	7.70
28 42 11 00-0012	EA	Interstitial Leak Detection Probe	1,178.38	16.03
28 42 11 00-0013	EA	Liquid Phase Detection	3,889.84	48.11
28 42 11 00-0014	EA	Hydrocarbon Vapor, Fixed	3,589.72	48.11
28 42 11 00-0015	EA	Hydrocarbon Vapor, Float Mounted	4,196.03	54.52
28 42 11 00-0016	EA	Liquid And Vapor Hydrocarbon	4,796.28	54.52

28 42 15 Gas Detection Sensors *(28 42)*

28 42 15 00-0001 Hydrogen Gas Detection *(28 42 15)*

28 42 15 00-0002	EA	Hydrogen Gas Detector Sensor, 1% Fan Relay, 2% Alarm (SBS HGDI-DR)	2,077.01	48.18
28 42 15 00-0003	EA	Hydrogen Gas Detector Junction Box (SBS HGDI-JB)	109.59	16.06
28 42 15 00-0004	EA	Remote Display With 25' Cable For Hydrogen Gas Detector (SBS HGDI-REM)	527.91	48.18

28 43 Fuel Oil Detection and Alarm *(28 40)*

See CSI section 28 42 00 00-0000 for detection and alarms.

28 46 Fire Detection and Alarm *(28 40)*

28 46 13 Fire-Alarm Systems *(28 46)*

28 46 13 31 Proprietary Supervising-Station Fire-Alarm Systems *(28 46 13)*

Note: Includes programming of equipment, testing and certification of new devices.

28 46 13 31-0001 Edwards Fire Alarm *(28 46 13 31)*

28 46 13 31-0002 EST3 Life Safety And Security Control *(28 46 13 31-0001)*

28 46 13 31-0003 EST3 Network *(28 46 13 31-0002)*

28 46 13 31-0004 Remote Annunciators *(28 46 13 31-0003)*

28 46 13 31-0005	EA	Remote LCD Command Module Annunciator (EST3 3-LCDANN) Note: Includes LCD display, CPU and doors. Order surface or semi-flush mount wallbox separately.	1,677.75	96.37

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0006	EA	Six Position Base Annunciator (EST3 3-6ANN) Note: Includes door, CPU card, two annunciator support modules and five blank filler plates. Space provided for up to four Control/Display Modules and one 3-LCD Liquid Crystal Display Module.	1,367.09	96.37
28 46 13 31-0007	EA	Ten Position Base Annunciator (EST3 3-10ANN) Note: Includes door, CPU card, two annunciator support modules and nine blank filler plates. Space provided for up to eight Control/Display Modules and one 3-LCD Liquid Crystal Display Module.	1,729.33	96.37
28 46 13 31-0008	EA	Annunciator CPU (EST3 3-ANNCPU3) Note: One Required per graphic annunciator.	1,101.92	96.37
28 46 13 31-0009	EA	Annunciator Support Module (EST3 3-ANNSM) Note: Takes one space in Annunciator box. Supports one Control/Display module.	202.59	32.13
28 46 13 31-0010	EA	Liquid Crystal Display Module (EST3 3-LCD) Note: Mounts over 3-CPU(1).	708.10	96.37
28 46 13 31-0011	EA	Liquid Crystal Display Module (EST3 3-LCDXL) Note: Mounts over 3-ANNCPU plus two spaces.	639.61	96.37
28 46 13 31-0012	EA	LED/SWITCH Driver Module Assembly For Third Part Graphics (EST3 3-EVDVRA) Note: Assembled version of 3-EVDVR, comes packaged with cables, mounting hardware installation instructions used for third party graphics. Mounts in 3-EVDVRX.	798.91	96.37
28 46 13 31-0013	EA	Power Supply Assembly With 19" Rail Mounting Chassis Assembly (EST3 3-EVPWRA) Note: Assembled version of 3-EVPWR, comes packaged with cables, mounting hardware and mounting plate for 3-ANNCPU1. Used for third party graphics.	931.64	64.24
28 46 13 31-0014	EA	Plastic Mounting Extrusion 19" Mounting (EST3 3-EVDVRX) Note: Mounts up to three 3-EVDVRA modules.	140.92	32.13
28 46 13 31-0015	EA	Central Processor Unit Module (EST3 3-CPU3) Note: Includes LCD display, CPU and doors. Order surface or semi-flush mount wallbox separately.	1,987.07	96.37
28 46 13 31-0016	EA	120 Volt AC, 50/60 Hertz, Primary Power Supply With Local Rail Module (EST3 3-CPU3) Note: Includes LCD display, CPU and doors. Order surface or semi-flush mount wallbox separately.	1,754.12	32.13
28 46 13 31-0017		**Remote Annunciators Cabinets** *(28 46 13 31-0003)*		
28 46 13 31-0018	EA	Remote LCD Command Module Flush Mount LCD Wallbox (EST3 RLCM/B)	151.95	32.13
28 46 13 31-0019	EA	Remote LCD Command Module Surface Mount LCD Wallbox (EST3 RLCM/B-S)	139.11	25.70
28 46 13 31-0020	EA	Six Position LED/LCD Flush Wallbox (EST3 6ANN/B)	171.42	32.13
28 46 13 31-0021	EA	Six Position LED/LCD Surface Wallbox (EST3 6ANN/B-S)	158.58	25.70
28 46 13 31-0022	EA	Ten Position LED/LCD Flush Wallbox (EST3 10ANN/B)	189.68	32.13
28 46 13 31-0023	EA	Ten Position LED/LCD Surface Wallbox (EST3 10ANN/B-S)	176.84	25.70
28 46 13 31-0024		**Audio And Telephone Masters** *(28 46 13 31-0003)*		
28 46 13 31-0025	EA	Audio Source Unit With Local Microphone And Firefighters' Telephone (EST3 3-ASU/FT)	5,469.59	128.50
28 46 13 31-0026	EA	Audio Source Unit With Local Microphone (Provides Four Local Rail Spaces) (EST3 3-ASU/4)	3,045.19	128.50
28 46 13 31-0027	EA	Audio Source Unit With Local Microphone And Inner Door Filler Plate (EST3 3-ASU)	1,723.25	128.50
28 46 13 31-0028	EA	Fire Fighters Telephone Control Unit With Inner Door Filler Plate (EST3 3-FTCU)	2,878.50	128.50
28 46 13 31-0029	EA	Audio Source Unit Memory Expansion, 100 Minutes (EST3 3-ASUMX/100)	3,287.56	128.50
28 46 13 31-0030	EA	Zoned Amplifier, 95 Watt, Class B. 95 Watt Selectable For 25 Or 70 Vrms Class B Output. Mounts In 2 LRM Spaces (EST3 3-ZA95)	1,671.18	64.24
28 46 13 31-0031		**Battery Distribution Unit** *(28 46 13 31-0003)*		
28 46 13 31-0032	EA	Battery Distribution Unit (EST3 3-BTSEN)	602.49	474.00
28 46 13 31-0033		**Remote Booster Power Supply** *(28 46 13 31-0003)*		
28 46 13 31-0034	EA	6.5 Amperes, 120 Volt AC, Booster Power Supply (EST3 BPS6A)	950.47	96.37
28 46 13 31-0035	EA	10 Amperes, 110 Volt AC Booster Power Supply (EST3 BPS10)	1,085.29	96.37
28 46 13 31-0036	EA	10 Amperes, 220 Volt AC Booster Power Supply (EST3 BPS10220)	1,184.63	96.37
28 46 13 31-0037	EA	Tamper Switch - For CAB7, 14 And 21 Series Cabinets (EST3 3-TAMP)	155.22	32.13
28 46 13 31-0038		**Batteries And Battery Cabinets** *(28 46 13 31-0003)*		
28 46 13 31-0039	EA	1.2 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V1A2 (1.2 Ampere Hours))	118.19	32.13
28 46 13 31-0040	EA	4 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V4A (4.5 Ampere Hours))	147.48	32.13
28 46 13 31-0041	EA	24 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V24A (26 Ampere Hours))	349.55	32.13
28 46 13 31-0042	EA	6.5 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V6A5 (7.2 Ampere Hours))	159.21	32.13
28 46 13 31-0043	EA	40 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V40A (40 Ampere Hours))	443.36	32.13
28 46 13 31-0044	EA	10 Amperes Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V10A (11 Ampere Hours))	249.17	32.13
28 46 13 31-0045	EA	50 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V50A (50 Ampere Hours))	900.39	32.13
28 46 13 31-0046	EA	17 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V17A (18 Ampere Hours))	255.21	32.13
28 46 13 31-0047	EA	65 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V65A (65 Amp Hours))	1,084.16	32.13
28 46 13 31-0048	EA	8 Ampere Hours, 6 Volt DC, Sealed Lead Acid Battery (EST3 6V8A (8 Amp Hours))	141.77	32.13
28 46 13 31-0049	EA	10 Ampere Hours, 6 Volt DC, Sealed Lead Acid Battery (EST3 6V10A (12 Amp Hours))	127.14	32.13
28 46 13 31-0050	EA	14" x 18-1/4" x 7-1/4" Free Standing Battery Cabinet With Key Lock (EST3 BC-1) Note: Supports up to 40 Ah batteries will hold up to two 12V24A batteries.	455.26	64.24
28 46 13 31-0051	EA	22" x 15" x 3-3/4" Grey Battery Cabinet (EST3 BC-2) Note: Holds up to two 12V17A batteries.	376.38	64.24
28 46 13 31-0052	EA	Remote Closet Enclosure (EST3 3-RCC7R)	1,287.50	128.50
28 46 13 31-0053	EA	Remote Closet Enclosure (EST3 3-RCC14R)	1,598.06	128.50
28 46 13 31-0054	EA	Remote Closet Enclosure (EST3 3-RCC21R)	2,242.05	128.50
28 46 13 31-0055		**Serial Printer** *(28 46 13 31-0003)*		
28 46 13 31-0056	EA	System Printer - Desk Top Style (EST3 PT-1S)	872.86	32.13

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0057		Intelligent Analog Initiating Devices *(28 46 13 31-0002)*		
28 46 13 31-0058		Detectors, Signature *(28 46 13 31-0057)*		
28 46 13 31-0059	EA	Intelligent 4D Multisensor Detector For Ionization, Photoelectric, And Heat (EST3 SIGA-IPHS)	273.03	48.18
28 46 13 31-0060	EA	Black, Intelligent 4D Multisensor Detector For Ionization, Photoelectric, And Heat (EST3 SIGA-IPHSB)	307.12	48.18
28 46 13 31-0061	EA	Intelligent 3D Multisensor Detector For Photoelectric And Heat (EST3 SIGA-PHS)	262.87	48.18
28 46 13 31-0062	EA	Intelligent Photoelectric Smoke Detector (EST3 SIGA-PS)	232.40	48.18
28 46 13 31-0063	EA	Intelligent Ionization Smoke Detector (EST3 SIGA-IS)	242.56	48.18
28 46 13 31-0064	EA	135 Degrees Fahrenheit, 15 Degrees Fahrenheit Per Minute, Intelligent Fixed Temperature/Rate-of-Rise Heat Detector (EST3 SIGA-HRS)	198.42	48.18
28 46 13 31-0065	EA	135 Degree Fahrenheit, Intelligent Fixed Temperature Heat Detector (EST3 SIGA-HFS)	198.42	48.18
28 46 13 31-0066	EA	Passive Infrared Motion Detector (EST3 SIGA-MD)	316.19	48.18
28 46 13 31-0067	EA	Passive Infrared Motion Detector With Swivel Mount For Single Gang Boxes (EST3 SIGA-MDS)	349.47	48.18
28 46 13 31-0068	EA	Intelligent Photoelectric Smoke Detector (EST3 SIGA2-PS)	294.40	48.18
28 46 13 31-0069	EA	Intelligent Combination Photo Electric And CO Sensor (EST3 SIGA2-PCOS)	426.48	48.18
28 46 13 31-0070	EA	135 Degree Fahrenheit, Intelligent Fixed Temperature Heat Detector (EST3 SIGA2-HFS)	245.10	48.18
28 46 13 31-0071	EA	135 Degrees Fahrenheit, 15 Degrees Fahrenheit Per Minute, Intelligent Fixed Temperature/Rate-of-Rise Heat Detector (EST3 SIGA2-HRS)	245.10	48.18
28 46 13 31-0072	EA	Photoelectric, Heat, Intelligent 3D Multisensor Detector (EST3 SIGA2-PHS)	338.78	48.18
28 46 13 31-0073		Detectors, Duct Housings and Accessories, Signature *(28 46 13 31-0057)*		
28 46 13 31-0074	EA	Superduct, Signature Duct Smoke Detector (EST3 SIGA-SD)	553.10	80.31
28 46 13 31-0075	EA	Superduct, Test Magnet Kit (EST3 SD-MAG)	23.70	
28 46 13 31-0076	EA	Superduct, 120" Air Sample Tube (EST3 SD-T120)	72.36	19.27
28 46 13 31-0077	EA	Superduct, Remote Test Station, Keyed, 2-Wire And SIGA (EST3 SD-TRK)	144.26	25.70
28 46 13 31-0078	EA	Duct Smoke Detector Test Station, 2-Gang Plastic Plate With Key Switch, 2 Keys, Use With Duct Detector Only (EST3 SIGA-DTS)	195.82	25.70
28 46 13 31-0079	EA	High Temp Heat Detector, 194 Degree F, Combination Rate-Of-Rise And Fixed Temperature (EST3 282B-PL)	85.44	25.70
28 46 13 31-0080		Modules, Signature *(28 46 13 31-0057)*		
28 46 13 31-0081	EA	Universal Class A/B Module - UIO Mount (EST3 SIGA-MAB)	257.85	32.13
28 46 13 31-0082	EA	Class B Single Input Module (One Gang Standard Mount) (EST3 SIGA-CT1)	113.46	32.13
28 46 13 31-0083	EA	Class B Dual Input Module (One Gang Standard Mount) (EST3 SIGA-CT2)	147.79	32.13
28 46 13 31-0084	EA	Class B Dual Input UIO (Plug In) Module (EST3 SIGA-MCT2)	230.67	32.13
28 46 13 31-0085	EA	Single Input (Riser) Module, Features A Built-In Ring Tone Generator, Use For Switching A Single Signal Or Audio Circuit (EST3 SIGA-CC1)	160.74	32.13
28 46 13 31-0086	EA	Dual Input (Riser) Module, Use For Switching (Selecting) Either Of Two Signal Or Audio Input Circuits To One Signal Output Circuit (EST3 SIGA-CC2)	167.86	32.13
28 46 13 31-0087	EA	Control Relay Module (One Gang Standard Mount) (EST3 SIGA-CR) Note: Select for either N.O. or N.C. operation. Rated at 2 amperes (24 Volt DC).	131.59	32.13
28 46 13 31-0088	EA	Control Relay UIO (Plug In) Module (EST3 SIGA-MCR)	200.27	32.13
28 46 13 31-0089	EA	Single Input (Riser) Module With Strobe Synchronization Output (EST3 SIGA-CC1S)	268.18	32.13
28 46 13 31-0090	EA	Universal Input/Output Module - Input With Programmable Output (EST3 SIGA-IO)	261.36	32.13
28 46 13 31-0091	EA	Input/Output Module - UIO Mount, Multifunction Module With Input And Program (EST3 SIGA-MIO)	251.20	32.13
28 46 13 31-0092	EA	Waterflow/Tamper Module (One Gang Standard Mount) (EST3 SIGA-WTM)	230.14	198.03
28 46 13 31-0093	EA	Monitor Module (One Gang Standard Mount) (EST3 SIGA-MM1) Note: Factory programmed for non-latching monitor operation.	167.89	32.13
28 46 13 31-0094	EA	Single Input (Riser) Module, With Synchronization Output (EST3 SIGA-MCC1S)	269.29	32.13
28 46 13 31-0095		Module Accessories, Signature *(28 46 13 31-0057)* Note: Universal I/O motherboards are required for UIO plug-in modules. Module mounting plates can be used to mount multiple 1 and 2-gang modules.		
28 46 13 31-0096	EA	Module Mounting Bracket - For 4" Square Box, Mounting Kit Allows Installing 2 Single Gang Signature Modules Into A Single 4" Square Box (EST3 SIGA-MB4)	66.25	16.06
28 46 13 31-0097	EA	Universal Input/Output Module Motherboard - 6 Position, Use For M Series Modules (EST3 SIGA-UIO6)	227.38	32.13
28 46 13 31-0098	EA	Transient Protector - For Bell And Horn Circuits, Provides Transient Protection To -CC1, -MCC1, -CC2, -MCC2, -UM And -MAB Modules (EST3 235196P)	24.35	9.63
28 46 13 31-0099	EA	Signature Module Mounting Plate, 1 Footprint, Space For Up To Four 2-Gang Signature Modules Or Eight 1-Gang Signature Modules (EST3 SIGA-MP1)	78.01	16.06
28 46 13 31-0100	EA	Signature Module Mounting Plate, 1/2 Footprint, Space For Up To Two 2-Gang Signature Modules Or Four 1-Gang Signature Modules (EST3 SIGA-MP2)	69.57	16.06
28 46 13 31-0101	EA	Signature Module Mounting Plate, 1/2 Extended Footprint, Space For Up To Three 2-Gang Signature Modules Or Six 1-Gang Signature Modules (EST3 SIGA-MP2L)	72.90	16.06
28 46 13 31-0102		Single Action Pull Stations, Signature *(28 46 13 31-0057)*		
28 46 13 31-0103	EA	One Stage Fire Alarm Station, English Markings (EST3 SIGA-270)	281.48	66.81
28 46 13 31-0104	EA	Two Stage (Pre Signal) Fire Alarm Station, English Markings (EST3 SIGA-270P)	332.44	66.81
28 46 13 31-0105	EA	GA Key - For Pre Signal Station (EST3 276-K2)	38.73	32.30
28 46 13 31-0106	EA	20 Glass Rods For SIGA-270 Series Stations (EST3 270-GLR)	48.54	42.11
28 46 13 31-0107	EA	Surface Mount Box, Red - For SIGA-270 Series (EST3 276B-RSB)	73.41	47.71
28 46 13 31-0108		Double Action Pull Stations, Signature *(28 46 13 31-0057)*		
28 46 13 31-0109	EA	Double Action (One Stage) Fire Alarm Station, English Markings (EST3 SIGA-278)	205.57	66.81
28 46 13 31-0110	EA	12 Glass Rods For SIGA-278 Series (EST3 276-GLR)	49.27	6.42

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0111		**Detector Bases and Accessories, Signature** *(28 46 13 31-0057)*		
		Note: For raised floor and plenum applications. Order detector mounting base and detector separately. Compatible with -PS, and -PHS detectors and -SB, -RB and -IB bases.		
28 46 13 31-0112	EA	Audible (Sounder) Base (EST3 SIGA-AB4G)	141.63	16.06
28 46 13 31-0113	EA	Surface Box - For Sounder Base, Use With -AB4G Models Only (EST3 AB4G-SB)	52.61	16.06
28 46 13 31-0114	EA	Audible (Sounder) Base, Mounts To 4" Square, 2-1/8" Deep Box (EST3 SIGA-AB4)	176.99	16.06
28 46 13 31-0115	EA	Detector (Smoke) Guard, Covers Detectors Mounted To Flush Boxes, Compatible With -IPHS And -PS Signature Detectors (EST3 SIGA-DG)	100.21	16.06
28 46 13 31-0116	EA	Detector (Smoke) Guard Surface Box - For SIGA-DG (EST3 SIGA-DGSB)	117.18	16.06
28 46 13 31-0117	EA	Detector Mounting Plate (EST3 SIGA-DMP)	185.11	16.06
		Note: For raised floor and plenum applications. Order detector mounting base and detector separately. Compatible with -PS, -PHS and -IPHS detectors and -SB, -RB and -IB bases. SIGA-IPHS 4D detector is limited to operation in air velocities less than 500 feet per minute.		
28 46 13 31-0118	EA	Remote Alarm LED, Use With -SB And -SB4 Standard Base Only (EST3 SIGA-LED)	66.25	16.06
28 46 13 31-0119	EA	Trim Skirt/Ring - For Octagon Box (EST3 SIGA-TS)	24.49	9.63
28 46 13 31-0120	EA	Trim Skirt/Ring - For 4" Square Box, Use To Hide Imperfections Around Electric Boxes Not Completely Hidden By Standard Bases, With All 4" Bases (EST3 SIGA-TS4)	24.49	9.63
28 46 13 31-0121	EA	Detector (Smoke) Guard Mounting Flange, Provides Secure Mounting While Offering Easy Guard Removal, With Tamper Hardware (EST3 SIGA-DGMF)	70.37	9.63
28 46 13 31-0122	EA	Detector Base With Isolator (EST3 SIGA-IB)	115.46	16.06
28 46 13 31-0123	EA	Detector Base With Isolator - For 4" Square Box, With TS4 Skirt (EST3 SIGA-IB4)	122.74	16.06
28 46 13 31-0124	EA	Detector Base With Form 'C' Relay (EST3 SIGA-RB)	65.81	16.06
28 46 13 31-0125	EA	Detector Base With Form 'C' Relay - For 4" Square Box, With TS4 Skirt (EST3 SIGA-RB4)	102.77	16.06
28 46 13 31-0126	EA	Detector Base - Standard, For 4" Square Box, With TS4 Skirt (EST3 SIGA-SB4)	43.14	16.06
28 46 13 31-0127		**Controllers, Signature** *(28 46 13 31-0057)*		
28 46 13 31-0128	EA	Signature Dual Driver Controller (EST3 3-SDDC1)	3,922.41	96.37
28 46 13 31-0129	EA	Single Signature Loop Controller (EST3 3-SSDC1)	2,248.07	96.37
28 46 13 31-0130	EA	Signature Loop Controller (EST3 3-SDC1)	2,019.53	96.37
28 46 13 31-0131	EA	Analog Addressable Loop Controller (EST3 3-AADC1)	3,237.39	96.37
28 46 13 31-0132		**Relays And Accessories** *(28 46 13 31-0057)*		
28 46 13 31-0133	EA	Multi Voltage Relay (EST3 MR101)	208.00	32.13
28 46 13 31-0134	EA	Single SPDT Auxiliary Relay With LED Track Mounting (EST3 MR101/T)	61.92	16.06
28 46 13 31-0135		**Notification Appliances** *(28 46 13 31-0002)*		
28 46 13 31-0136		**Wall Strobes, Horns And Chimes** *(28 46 13 31-0135)*		
28 46 13 31-0137	EA	Strobe (15, 30, 75, Or 110 cd Output), White (EST3 G1-VM)	168.99	48.18
28 46 13 31-0138	EA	Strobe (15, 30, 75, Or 110 cd Output), Red (EST3 G1R-VM)	168.99	48.18
28 46 13 31-0139	EA	Horn-Strobe (15, 30, 75, Or 110 cd Output, High Or Low dB Output), White (EST3 G1-HDVM)	192.64	48.18
28 46 13 31-0140	EA	Temporal Horn (Selectable High Or Low dB Output), White (EST3 G1-HD)	142.34	48.18
28 46 13 31-0141	EA	Temporal Horn (Selectable High Or Low dB Output), Red (EST3 G1R-HD)	142.34	48.18
28 46 13 31-0142	EA	Temporal Horn, Hi/Lo dB Output, 24 Volt DC, White, With The Word "FIRE" On Housing (EST3 G1F-HD)	142.34	48.18
28 46 13 31-0143	EA	Temporal Horn, Hi/Lo dB Output, 24 Volt DC, Red, With The Word "FIRE" On Housing (EST3 G1RF-HD)	142.34	48.18
28 46 13 31-0144	EA	Horn (Steady Tone), 24 Volt DC, White, Not Compatible With Signal Master (EST3 G1-P)	119.95	48.18
28 46 13 31-0145	EA	Horn (Steady Tone) - 24 Volt DC, Red, Not Compatible With Signal Master (EST3 G1R-P)	119.95	48.18
28 46 13 31-0146	EA	Horn (Steady Tone), 24 Volt DC, Red, With The Word "FIRE" On Housing, Not Compatible With Signal Master (EST3 G1RF-P)	119.95	48.18
28 46 13 31-0147	EA	Genesis Chime-Strobe (15, 30, 75, Or 110 cd Output, High Or Low dB Output), White (EST3 G1-CVM)	289.18	48.18
28 46 13 31-0148	EA	Genesis Chime-Strobe (15, 30, 75, Or 110 cd Output, High Or Low dB Output), Red (EST3 G1R-CVM)	289.18	48.18
28 46 13 31-0149	EA	Genesis Chime (Selectable High Or Low dB Output), White (EST3 G1-C)	189.76	48.18
28 46 13 31-0150	EA	Genesis Chime (Selectable High Or Low dB Output), Red (EST3 G1R-C)	189.76	48.18
28 46 13 31-0151	EA	Wall Strobe, 15/75 cd, White, With The Word "FIRE" On Housing (EST3 G1F-V1575)	168.99	48.18
28 46 13 31-0152	EA	Multi-cd Strobe, 24 Volt DC, White, With The Word "FIRE" On Housing (EST3 G1F-VM)	168.99	48.18
28 46 13 31-0153	EA	Multi-Candela Strobe, 24 Volt DC, Red, With The Word "FIRE" On Housing (EST3 G1RF-VM)	168.99	48.18
28 46 13 31-0154	EA	Wall Strobe, 15/75 cd, Red, With The Word "FIRE" On Housing (EST3 G1RF-V1575)	168.99	48.18
28 46 13 31-0155	EA	Genesis Ceiling Strobe, 15-95 Multi-cd, FIRE Marking, Mounts To 4" Square x 2-1/8" Box (EST3 GCF-VM)	175.64	48.18
28 46 13 31-0156	EA	Genesis Ceiling Strobe, 15-95 Multi-cd, FIRE Marking, Mounts To 4" Square x 2-1/8" Box (EST3 GCFR-VM)	175.64	48.18
28 46 13 31-0157	EA	Genesis Ceiling Strobe, 95-177 Multi-cd, FIRE Marking, Mounts To 4" Square x 2-1/8" Box (EST GCF-VMH)	191.19	48.18
28 46 13 31-0158	EA	Genesis Ceiling Strobe, 15-95 Multi-cd, Mounts To 4" Square x 2-1/8" Box (EST3 GC-VM)	175.64	48.18
28 46 13 31-0159	EA	Genesis Ceiling Strobe, 95-177 Multi-cd, Mounts To 4" Square x 2-1/8" Box (EST3 GC-VMH)	175.64	48.18
28 46 13 31-0160	EA	Genesis Trim Plate (For Two-Gang Or 4" Square Boxes) With "FIRE" Markings, White (EST3 G1T-FIRE)	105.39	48.18
28 46 13 31-0161	EA	Genesis Trim Plate (For Two-Gang Or 4" Square Boxes) With "FIRE" Markings, Red (EST3 G1RT-FIRE)	105.39	48.18
28 46 13 31-0162		**Wall Speakers And Speaker Strobes** *(28 46 13 31-0135)*		
28 46 13 31-0163	EA	Multi-Wattage 25 VRMS Speaker (EST3 G4-S2)	140.33	48.18
28 46 13 31-0164	EA	Multi-Candela/Wattage 25 VRMS Speaker-Strobe (EST3 G4-S2VM)	215.35	48.18
28 46 13 31-0165	EA	Multi-Wattage 70 VRMS Speaker (EST3 G4-S7)	140.33	48.18
28 46 13 31-0166	EA	Multi-Candela/Wattage 70 VRMS Speaker-Strobe (EST3 G4-S7VM)	215.35	48.18
28 46 13 31-0167	EA	Surface Box, White, For Genesis Speaker (EST3 G4B)	69.68	25.70
28 46 13 31-0168	EA	Surface Box, Red, For Genesis Speaker (EST3 G4RB)	69.68	25.70
28 46 13 31-0169		**Ceiling Speakers And Speaker Strobes** *(28 46 13 31-0135)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0170	EA	Genesis Ceiling Speaker, 70 VRMS, Mounts To 4" Square x 2-1/8" Box (EST3 GC-S7)	167.54	48.18
28 46 13 31-0171	EA	Genesis Ceiling Speaker/Strobe, 70 VRMS, 15-95 Multi-cd, Mounts To 4" Square x 2-1/8" Box (EST3 GC-S7VM)	215.35	48.18
28 46 13 31-0172	EA	Genesis Ceiling Speaker/Strobe, 70 VRMS, 95-177 Multi-cd, Mounts To 4" Square x 2-1/8" Box (EST3 GC-S7VMH)	230.49	48.18
28 46 13 31-0173		**Harsh Environment Signals** *(28 46 13 31-0135)*		
28 46 13 31-0174	EA	Temporal Horn, Self-Synchronized, 24 Volt DC (EST3 757-1A-T)	148.92	48.18
28 46 13 31-0175	EA	15/75 Candela Temporal Horn/Strobe, 24 Volt DC (EST3 757-7A-T)	208.63	48.18
28 46 13 31-0176	EA	110 Candela Temporal Horn/Strobe, 24 Volt DC (EST3 757-8A-T)	208.63	48.18
28 46 13 31-0177	EA	15 Candela Synchronized, 24 Volt DC, Strobe (EST3 405-5A-T)	190.88	48.18
28 46 13 31-0178	EA	15/75 Candela Synchronized, 24 Volt DC, Strobe (EST3 405-7A-T)	179.08	48.18
28 46 13 31-0179	EA	30 Candela Synchronized, 24 Volt DC, Strobe (EST3 405-3A-T)	190.88	48.18
28 46 13 31-0180	EA	60 Candela Synchronized, 24 Volt DC, Strobe (EST3 405-6A-T)	190.88	48.18
28 46 13 31-0181	EA	110 Candela Synchronized, 24 Volt DC, Strobe (EST3 405-8A-T)	190.88	48.18
28 46 13 31-0182	EA	15/75 Candela Synchronized, 24 Volt DC, Red, Outdoor Listed, Strobe (EST3 CS405-7A-T)	211.05	54.61
28 46 13 31-0183	EA	110 Candela Synchronized, 24 Volt DC, Red, Outdoor Listed, Strobe (EST3 CS405-8A-T)	211.05	54.61
28 46 13 31-0184	EA	15 Candela Temporal Horn/Strobe, 24 Volt DC (EST3 757-5A-T)	156.12	48.18
28 46 13 31-0185	EA	30 Candela Temporal Horn/Strobe, 24 Volt DC (EST3 757-3A-T)	202.96	48.18
28 46 13 31-0186		**Fire Alarm Bells** *(28 46 13 31-0135)*		
28 46 13 31-0187	EA	10" Single Stroke Fire Alarm Bells, 24 Volt DC (EST3 323D-10AW)	225.19	48.18
28 46 13 31-0188	EA	6" Vibrating Fire Alarm Bells, 24 Volt DC (EST3 439D-6AW)	180.60	48.18
28 46 13 31-0189	EA	10" Vibrating Fire Alarm Bells, 24 Volt DC (EST3 439D-10AW)	199.63	48.18
28 46 13 31-0190		**Multiple Tone Signal** *(28 46 13 31-0135)*		
28 46 13 31-0191	EA	27 Tone Selectable Signal, 24 Volt DC (EST3 5530MD-24AW)	1,434.42	1,386.23
28 46 13 31-0192		**Multi-Purpose Loudspeaker** *(28 46 13 31-0135)*		
28 46 13 31-0193	EA	15 Watt Loudspeaker, Gray (EST3 HPSA15G2570)	296.31	48.18
28 46 13 31-0194	EA	15 Watt Loudspeaker, Red (EST3 HPSA15R2570)	296.31	48.18
28 46 13 31-0195		**Bell/Strobe Plate** *(28 46 13 31-0135)*		
28 46 13 31-0196	EA	Bell/Strobe Plate - 15cd (EST3 403-5A-R)	149.95	25.70
28 46 13 31-0197		**Mounting Accessories** *(28 46 13 31-0135)*		
28 46 13 31-0198	EA	Surface Mount Box - Indoor, Red, 1-Gang (EST3 27193-11)	71.06	25.70
28 46 13 31-0199	EA	One Gang Surface Mount Box, Red, No Bottom KO (EST3 27193-11-NY)	71.06	25.70
28 46 13 31-0200	EA	Surface Mount Box - Indoor, White, 1-Gang (EST3 27193-16)	71.06	25.70
28 46 13 31-0201	EA	Surface Mount Box - Indoor, Red, 2-Gang (EST3 27193-21)	71.06	25.70
28 46 13 31-0202	EA	Surface Mount Box - Indoor, White, 2-Gang (EST3 27193-26)	71.06	25.70
28 46 13 31-0203		**Firefighters' Telephones** *(28 46 13 31-0135)*		
28 46 13 31-0204	EA	Remote Telephone Warden Station - Flush, Red, 5' Armored Cable, Hinged Door With Magnetic Latch, 4-State (EST3 6830-NY-F4)	1,286.11	80.31
28 46 13 31-0205	EA	Four State Remote Telephone Warden Station - Surface, Armored Cord (EST3 6830-NY-S4)	723.37	80.31
28 46 13 31-0206	EA	Remote Telephone Warden Station - Flush, Armored Cord (EST3 6830-NY-F)	520.72	80.31
28 46 13 31-0207	EA	Telephone Handset Assembly - Red c/w 60" Coiled Cord (EST3 6830-1)	379.44	80.31
28 46 13 31-0208	EA	Remote Telephone Handset Station - 4-State, Red, 5' Coiled Cord (EST3 6830-4)	698.15	80.31
28 46 13 31-0209	EA	Three State Telephone Handset Assembly - Red, 60" Coiled Cord, Push To Talk Button (EST3 6830-5A)	429.86	80.31
28 46 13 31-0210	EA	Remote Telephone Handset Station - 4-State, Red, 'Push To Talk' Button, 5' Coiled Cord (EST3 6830-5A-4)	787.46	80.31
28 46 13 31-0211	EA	Three State Telephone Handset Assembly - Red, 60" Armored Cord, Push To Talk Button (EST3 6830-6A)	446.67	80.31
28 46 13 31-0212	EA	Remote Telephone Handset Station - 4-State, Red, 'Push To Talk' Button, 5' Armored Cable (EST3 6830-6A-4)	901.82	80.31
28 46 13 31-0213	EA	Portable Handset Receptacle, 1 Gang Stainless Steel Faceplate (EST3 6833-1)	98.56	25.70
28 46 13 31-0214	EA	Portable Telephone Receptacle - 1-Gang, SS, 4-State (EST3 6833-4)	113.19	25.70
28 46 13 31-0215	EA	Portable Telephone Handset - Black, Coiled Cord (EST3 6830-3)	158.38	
28 46 13 31-0216	EA	Portable Telephone Handset - Red, Coiled Cord (EST3 6700-0061)	158.38	
28 46 13 31-0217	EA	Frontplate - Flush Mount, Red Finish, Break Glass Type, With Two Keys (EST3 6831-1)	239.81	32.13
28 46 13 31-0218	EA	Frontplate - Flush Mount, Red Finish, Non-Break Glass Type With Two Keys (EST3 6831-2)	298.04	32.13
28 46 13 31-0219	EA	Frontplate - Surface Mount, Red Finish, Break Glass Type, With Two Keys (EST3 6831-3)	210.69	32.13
28 46 13 31-0220	EA	Frontplate - Surface Mount, Red Finish, Non-Break Glass Type, With Two Keys (EST3 6831-4)	202.13	32.13
28 46 13 31-0221	EA	Wallbox - Flush Or Surface Mount, Red Finish, 14" x 8-1/2" x 3-1/2" (EST3 6832-1)	149.57	48.18
28 46 13 31-0222	EA	Portable Handset Storage Cabinet, Surface Mount, With Keylock, Red Finish (EST3 TCS-6)	1,327.52	64.24
28 46 13 31-0223		**Mass Notification EC Appliances** *(28 46 13 31-0135)*		
28 46 13 31-0224	EA	G1 Wall, Strobe, White Housing, Alert Markings, Amber Lens (EST3 G1WA-VMA)	175.69	48.18
28 46 13 31-0225	EA	G1 Wall, Strobe, White Housing, Alert Markings, Clear Lens (EST3 G1WA-VMC)	169.64	48.18
28 46 13 31-0226	EA	G1 Wall, Strobe, White Housing, No Markings, Amber Lens (EST3 G1WN-VMA)	175.69	48.18
28 46 13 31-0227	EA	G1 Wall, Strobe, White Housing, No Markings, Clear Lens (EST3 G1WN-VMC)	169.64	48.18
28 46 13 31-0228	EA	G1 Wall, White Trim Ring, Alert Marking (EST3 G1WT-ALERT)	26.50	9.63

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0229		Hazardous Location Devices *(28 46 13 31-0002)*			
28 46 13 31-0230		Detectors, Rate Compensation Heat, For Explosion/Weather/Moisture Proof And Ordinary Location *(28 46 13 31-0229)*			
28 46 13 31-0231	EA	Heat Detector, Rate Compensation, Interior Vertical Surface Mount FM And UL, 135 Degree F (EST3 302-135)		152.66	48.18
28 46 13 31-0232	EA	Heat Detector, Rate Compensation, Interior Vertical Surface Mount FM And UL, 194 Degree F (EST3 302-194)		152.66	48.18
28 46 13 31-0233	EA	Heat Detector - Rate Compensation, All-Weather Vertical Mounting, FM And UL, 135 Degree F (EST3 302-AW-135)		158.73	48.18
28 46 13 31-0234	EA	Heat Detector - Rate Compensation, All-Weather Vertical Mounting, FM And UL, 194 Degree F (EST3 302-AW-194)		158.73	48.18
28 46 13 31-0235	EA	Heat Detector, Rate Compensation, Explosion Proof Mounting, Interior Vertical Surface Mount FM And UL, 135 Degree F, Requires JALX-11 Or Equal (EST3 302-EPM-135)		214.79	48.18
28 46 13 31-0236	EA	Heat Detector, Rate Compensation, Explosion Proof Mounting, Interior Vertical Surface Mount FM And UL, 194 Degree F, Requires JALX-11 Or Equal (EST3 302-EPM-194)		214.79	48.18
28 46 13 31-0237	EA	Heat Detector, Rate Compensation, All-Weather Vertical, Box Mount (1/2" NPT), FM And UL, 135 Degree F, Requires STONCO27 Or Equal (EST3 302-ET-135)		158.73	48.18
28 46 13 31-0238	EA	Heat Detector, Rate Compensation, All-Weather Vertical, Box Mount (1/2" NPT), FM And UL, 194 Degree F, Requires STONCO27 Or Equal (EST3 302-ET-194)		158.73	48.18
28 46 13 31-0239		Hazardous Locations Fire Alarm Station *(28 46 13 31-0229)*			
28 46 13 31-0240	EA	Hazardous Location Fire Alarm Station (EST3 XAL53)		1,362.41	80.31
28 46 13 31-0241	EA	Explosion Proof, Weatherproof, Fire Alarm Station, Single Action, Cat 45 Key Reset, Terminal Connections, DPDT (EST3 MPSR1-D45WX-GE)		1,297.11	80.31
28 46 13 31-0242		Hazardous Location Strobes *(28 46 13 31-0229)*			
28 46 13 31-0243	EA	Explosion Proof Strobe (EST3 116DEXSTC-FJ)		2,023.15	48.18
28 46 13 31-0244	EA	Wall Bracket Mounting Elbow (EST3 116EX-B)		377.78	16.06
28 46 13 31-0245	EA	Ceiling / Wall Mounting Module (EST3 116EX-C)		494.18	19.27
28 46 13 31-0246	EA	Pendant Mounting Module (EST3 116EX-P)		362.77	19.27
28 46 13 31-0247		Hazardous Location Bells *(28 46 13 31-0229)*			
28 46 13 31-0248	EA	6" Hazardous Location Bells, 24 Volt DC (EST3 439DEX-6AW)		1,460.29	48.18
28 46 13 31-0249	EA	8" Hazardous Location Bells, 24 Volt DC (EST3 439DEX-8AW)		1,498.09	48.18
28 46 13 31-0250	EA	10" Hazardous Location Bells, 24 Volt DC (EST3 439DEX-10AW)		1,511.70	48.18
28 46 13 31-0251		Hazardous Location Horns *(28 46 13 31-0229)*			
28 46 13 31-0252	EA	Hazardous Location Horns (EST3 888D-N5)		1,427.72	48.18
28 46 13 31-0253	EA	Explosion Proof Horn, Diode Polarized, 24 Volt DC (EST3 889D-AW)		1,166.15	48.18
28 46 13 31-0254		Door Holders And Relays *(28 46 13 31-0002)*			
28 46 13 31-0255		Electromagnetic Door Holders *(28 46 13 31-0254)*			
28 46 13 31-0256	EA	24 Volt AC / 24 Volt DC / 120 Volt AC, Door Holder, Single, Floor Mount (EST3 1501-AQN5)		256.34	48.18
28 46 13 31-0257	EA	24 Volt AC / 24 Volt DC / 120 Volt AC, Door Holder, Double, Floor Mount (EST3 1502-AQN5)		332.20	48.18
28 46 13 31-0258	EA	24 Volt AC / 24 Volt DC / 120 Volt AC, Door Holder, Flush, Wall Mount (EST3 1504-AQN5)		217.60	48.18
28 46 13 31-0259	EA	24 Volt AC / 24 Volt DC / 120 Volt AC, Door Holder, Flush, Wall Mount, Short Catch Plate (EST3 1505-AQN5)		217.60	48.18
28 46 13 31-0260	EA	24 Volt AC / 24 Volt DC / 120 Volt AC, Door Holder, Surface, Wall Mount (EST3 1508-AQN5)		221.11	48.18
28 46 13 31-0261	EA	24 Volt AC / 24 Volt DC / 120 Volt AC, Door Holder, Completely Flush, Wall Mount (EST3 1509-AQN5)		224.44	48.18
28 46 13 31-0262		Control Relays, Multi-Voltage *(28 46 13 31-0254)*			
28 46 13 31-0263	EA	Single SPDT With LED, Adhesive Tape Mounting (EST3 PAM1)		51.82	9.63
28 46 13 31-0264		FireShield Plus *(28 46 13 31-0002)*			
28 46 13 31-0265		3 Zone System *(28 46 13 31-0264)*			
28 46 13 31-0266	EA	Conventional Fire Alarm Control Panel, 3 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Red Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries (EST3 FSP302R)		1,390.66	385.48
28 46 13 31-0267	EA	Conventional Fire Alarm Control Panel, 3 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Red Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP302RD)		2,025.50	513.97
28 46 13 31-0268	EA	Conventional Fire Alarm Control Panel, 3 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Gray Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries (EST3 FSP302G)		1,390.66	385.48
28 46 13 31-0269	EA	Conventional Fire Alarm Control Panel, 3 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Gray Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP302GD)		2,025.50	513.97
28 46 13 31-0270	EA	Semi-Flush Trim Kit For 3 Or 5 Zone Enclosures, Gray (EST3 F-TRIM35G)		97.50	16.06
28 46 13 31-0271	EA	Semi-Flush Trim Kit For 3 Or 5 Zone Enclosures, Red (EST3 F-TRIM35R)		97.50	16.06
28 46 13 31-0272		5 Zone System *(28 46 13 31-0264)*			
28 46 13 31-0273	EA	Conventional Fire Alarm Control Panel, 5 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Red Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries (EST3 FSP502R)		1,496.46	385.48

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0274	EA	Conventional Fire Alarm Control Panel, 5 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Red Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP502RD)	2,125.25	513.97
28 46 13 31-0275	EA	Conventional Fire Alarm Control Panel, 5 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Gray Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries (EST3 FSP502G)	1,496.46	385.48
28 46 13 31-0276	EA	Conventional Fire Alarm Control Panel, 5 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Gray Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP502GD)	2,125.25	513.97
28 46 13 31-0277	EA	Semi-Flush Trim Kit For 3 Or 5 Zone Enclosures, Gray (EST3 F-TRIM35G)	97.50	16.06
28 46 13 31-0278	EA	Semi-Flush Trim Kit For 3 Or 5 Zone Enclosures, Red (EST3 F-TRIM35R)	97.50	16.06
28 46 13 31-0279		10 Zone System *(28 46 13 31-0264)*		
28 46 13 31-0280	EA	Conventional Fire Alarm Control Panel, 10 Class B IDC Zones, 4 Class B NAC's, 3.5 Amperes NAC Power, Red Enclosure, 120 Volt AC, Capacity For (2) 17 Amp Hours Batteries (EST3 FSP1004R)	2,161.53	513.97
28 46 13 31-0281	EA	Conventional Fire Alarm Control Panel, 10 Class B IDC Zones, 4 Class B NAC's, 3.5 Amperes NAC Power, Red Enclosure, 120 Volt AC, Capacity For (2) 17 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP1004RD)	2,796.38	642.47
28 46 13 31-0282	EA	Conventional Fire Alarm Control Panel, 10 Class B IDC Zones, 4 Class B NAC's, 3.5 Amperes NAC Power, Gray Enclosure, 120 Volt AC, Capacity For (2) 17 Amp Hours Batteries (EST3 FSP1004G)	2,116.19	513.97
28 46 13 31-0283	EA	Conventional Fire Alarm Control Panel, 10 Class B IDC Zones, 4 Class B NAC's, 3.5 Amperes NAC Power, Gray Enclosure, 120 Volt AC, Capacity For (2) 17 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP1004GD)	2,796.38	642.47
28 46 13 31-0284	EA	Semi-Flush Trim Kit For 10 Zone Enclosures, Gray (EST3 F-TRIM10G)	113.87	16.06
28 46 13 31-0285	EA	NAC Power Expansion Transformer, 120 Volt AC, Increases 10 Zone FACP NAC (EST3 F-XTR120)	208.18	32.13
28 46 13 31-0286		FireShield Plus Off Premise Communication Options *(28 46 13 31-0264)*		
28 46 13 31-0287	EA	F-Series Upload/Download DACT And Modem, Dual Line, With 2x16 LCD (EST3 F-DACT)	457.21	32.13
28 46 13 31-0288		FireShield Plus Remote LED Annunciators *(28 46 13 31-0264)*		
28 46 13 31-0289	EA	Remote System Indicator, Power, Alarm, Supervisory, Trouble And Ground Fault LED's With Local Buzzer, Single Gang, And White Trim Plate (EST3 FSRSI)	194.46	48.18
28 46 13 31-0290	EA	Remote Zone Indicator, Contains 5 Red LED's For Alarm Zone Indication, With Jumper Selectable Zone Settings, Single Gang, And White Trim Plate (EST3 FSRZI-A)	194.46	48.18
28 46 13 31-0291	EA	Remote Zone Indicator, Contains 5 Bi-Color LED's (Red/Yellow) For Alarm Or Supervisory Zone Indication, With Jumper Selectable Zone Settings, Single Gang, And White Trim Plate (EST3 FSRZI-SA)	202.17	48.18
28 46 13 31-0292	EA	Remote Annunciator Trim Plate - 2 Gang - White (EST3 FSAT2)	38.93	9.63
28 46 13 31-0293	EA	Remote Annunciator Trim Plate - 3 Gang - White (EST3 FSAT3)	48.80	9.63
28 46 13 31-0294	EA	Remote Annunciator Trim Plate - 4 Gang - White (EST3 FSAT4)	72.50	9.63
28 46 13 31-0295		FireShield Plus Remote 10 Zone LED Annunciators *(28 46 13 31-0264)*		
28 46 13 31-0296	EA	Remote LED Annunciator, With Common System Indicators, 10 Zone Indicators, White Housing, Mounts To 4" Electrical Box, For Use With 10 Zone Panels Only (EST3 FSRA10)	610.26	48.18
28 46 13 31-0297	EA	Remote LED Annunciator, With Common System Indicators, 10 Zone Indicators And Common Control Switches, White Housing, Mounts To 4" Electrical Box, For Use With 10 Zone Panels Only (EST3 FSRA10C)	670.72	48.18
28 46 13 31-0298	EA	Single Unit Remote Annunciator Enclosure, 4" Box Mount, Key Locked Door, Plexiglas Window, Gray (EST3 RA-ENC1)	215.38	32.13
28 46 13 31-0299		FireShield Plus Remote Relays And Interfaces *(28 46 13 31-0264)*		
28 46 13 31-0300	EA	Remote Relay Module, 5 Form C Contacts, Jumper Selectable Operation, With Mounting Track (EST3 FSRRM24)	227.72	32.13
28 46 13 31-0301	EA	11" Snap Track Holds 2-4 RRMs, Used To Mount FSRRMs In MFC-A Or Other Listed Enclosure, MFC-A Will Hold Two FSRRM-11S (EST3 FSRRM-S11)	94.24	19.27
28 46 13 31-0302	EA	Common Function Graphic Driver/Interface - 9 Relays And 5 Switch Inputs For Common System Indicators And Controls (EST3 FSUIM)	363.50	32.13
28 46 13 31-0303		FireShield Plus Accessories *(28 46 13 31-0264)*		
28 46 13 31-0304	EA	Resistor Kit With 1-3.6K And 1-1.1K (46071-0409) (EST3 EOL3.6-1.1)	21.19	
28 46 13 31-0305	EA	4.7k UL End Of Line Resistor With Fireshield Panels (EST3 EOL47PK7)	12.92	
28 46 13 31-0306		iO Series Fire Control Panels *(28 46 13 31-0002)*		
28 46 13 31-0307		Intelligent Analog Control Panels *(28 46 13 31-0306)*		
28 46 13 31-0308	EA	FACP, 1 Intelligent Loop Supporting 125 Detectors/125 Modules, 2nd Loop Optional, 4 Class B NAC's, 6.5 Amperes Power Supply, Gray Door, 115 Volt AC, Capacity For Up (2) 18a/h Batteries, English (EST3 iO500G)	4,165.96	642.47
28 46 13 31-0309	EA	FACP, 1 Intelligent Loop Supporting 125 Detectors/125 Modules, 2nd Loop Optional, 4 Class B NAC's, 6.5 Amperes Power Supply, Gray Door, 115 Volt AC, Capacity For Up (2) 18 Amp/hour Batteries, With Dual Line Dialer/Modem, English (EST3 iO500GD)	4,459.18	642.47
28 46 13 31-0310	EA	FACP, 1 Loop, 64 Intelligent Devices Max, 2 Class B NAC's, 4.25 Amperes Power Supply, Gray Door, 115 Volt AC, Capacity For Up (2) 10 Amp/hour Batteries, English (EST3 iO64G)	3,325.52	513.97
28 46 13 31-0311	EA	FACP, 1 Loop, 64 Intelligent Devices Max, 2 Class B NAC's, 4.25 Amperes Power Supply, Gray Door, 115 Volt AC, Capacity For Up (2) 10 Amp/hour Batteries, With Dual Line Dialer/Modem, English (EST3 iO64GD)	3,461.55	513.97
28 46 13 31-0312		Option Modules And Accessories For iO Series *(28 46 13 31-0306)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0313	EA	16 Zone LED Annunciator, 2 LED's Per Zone, Customizable Insert Labels, Left Side Mounting, Zones 1-16 (EST3 D16L-iO-1)	398.66	48.18
28 46 13 31-0314	EA	16 Zone LED Annunciator, 2 LED's Per Zone, Customizable Insert Labels, Right Side Mounting, Zones 17-32, Requires D16L-iO-1 (EST3 D16L-iO-2)	247.51	48.18
28 46 13 31-0315	EA	Serial Interface, RS232, 4 Terminal Connections For Supervised/Unsupervised Printers And Connection To PC's (EST3 SA-232)	247.51	48.18
28 46 13 31-0316	EA	Class A NAC Module, For 64 Point Systems Only, Mounts To Main Board (EST3 SA-CLA)	215.38	32.13
28 46 13 31-0317	EA	Dialer/Modem, Two Telephone Line Connections, RJ31, Mounts To Base Plate (EST3 SA-DACT)	444.37	25.70
28 46 13 31-0318	EA	Ethernet Port Interface, RJ45, Mounts To Base Plate (EST3 SA-ETH)	807.12	25.70
28 46 13 31-0319	EA	Trim Kit For Semi-Flush Mounting 64 Point Systems (EST3 SA-TRIM1)	95.61	16.06
28 46 13 31-0320	EA	Trim Kit For Semi-Flush Mounting 500 Point Systems (EST3 SA-TRIM2)	110.72	16.06
28 46 13 31-0321	EA	Expansion Loop For iO500 Systems, 125 Detectors/125 Modules, Mounts On Main Board (EST3 XAL250)	1,488.79	64.24
28 46 13 31-0322		**Remote Annunciators For iO Series** *(28 46 13 31-0306)*		
28 46 13 31-0323	EA	Remote Annunciator, 80 Character LCD, Common System Indicators, Beige Housing, Mounts To 4" Box With Supplied Ring (EST3 RLCD)	814.29	48.18
28 46 13 31-0324	EA	Remote Annunciator, 80 Character LCD, Common System Indicators And Controls, Beige Housing, Mounts To 4" Box With Supplied Ring (EST3 RLCD-C)	852.09	48.18
28 46 13 31-0325		**Remote Annunciator Accessories** *(28 46 13 31-0306)*		
28 46 13 31-0326	EA	24 Expander Cable Assembly, With Cable And Hardware (EST3 730073)	92.59	16.06
28 46 13 31-0327	EA	12 Expander Cable (Cable Only) (EST3 7120313-01)	62.36	16.06
28 46 13 31-0328	EA	24 Expander Cable (Cable Only) (EST3 7120313-02)	85.02	16.06
28 46 13 31-0329	EA	Single Unit Remote Annunciator Enclosure, 4" Box Mount, Key Locked Door, Plexiglas Window, Beige (EST3 RA-ENC1)	247.51	48.18
28 46 13 31-0330	EA	Dual Unit Remote Annunciator Enclosure, 4" Box Mount, Key Locked Door, Plexiglas Window, Beige (EST3 RA-ENC2)	285.29	48.18
28 46 13 31-0331	EA	Three Unit Remote Annunciator Enclosure, 4" Box Mount, Key Locked Door, Plexiglas Window, Beige (EST3 RA-ENC3)	323.09	48.18
28 46 13 31-0332	EA	Blank Zone Card Insert For RLEDx Controllers (EST3 RA-LED16ZC)	62.36	16.06
28 46 13 31-0333	EA	Blank Zone Card Insert For RLED24x Controllers (EST3 RA-LED24ZC)	62.36	16.06
28 46 13 31-0334	EA	Remote Key Switch, Single Gang Mount, Provides Keyed Control To Enable/Disable Common Control Switches On Remote Annunciators (EST3 RKEY)	128.40	16.06
28 46 13 31-0335		**System Accessories** *(28 46 13 31-0306)*		
28 46 13 31-0336	EA	Battery Cabinet, 14" x 18.25" x 7.25" Free Standing Cabinet With Key Lock, Supports Up To 40 Amp Hours Batteries, Will Hold Up To Two 12 Volt DC, 24 Ampere Batteries (EST3 BC-1)	455.26	64.24
28 46 13 31-0337	EA	Isolator Module - RS232, For Use With Short Haul Modems, VDU-3, CCA Series, CGP Series And FCOM-232, Requires 1/2 Size Cabinet Footprint (EST3 IOP3A)	2,059.35	513.97
28 46 13 31-0338		**Conventional Initiating Devices** *(28 46 13 31-0002)*		
28 46 13 31-0339		**Detectors, Heat, Double Pole** *(28 46 13 31-0338)*		
		Note: WARNING, Heat detectors are not Life Safety Devices, use for property protection only.		
28 46 13 31-0340	EA	Heat Detector, 135 Degree F Fixed Temperature (CF135-2)	177.82	48.18
28 46 13 31-0341	EA	Heat Detector, 200 Degree F Fixed Temperature (CF200-2)	177.82	48.18
28 46 13 31-0342	EA	Heat Detector, 135 Degree F ROR/Fixed Temperature (CR135-2)	177.82	48.18
28 46 13 31-0343	EA	Heat Detector, 200 Degree F ROR/Fixed Temperature (CR200-2)	177.82	48.18
28 46 13 31-0344		**Detectors, Rate Compensation Heat, Accessories** *(28 46 13 31-0338)*		
28 46 13 31-0345	EA	Heat Detector, Rate Compensation, Adapter Plate For Mounting 302 And 302-AW To Any 3 Outlet Box Or 4" Octagon Outlet Box (GE AP-P)	108.90	48.18
28 46 13 31-0346	EA	Explosion Proof Outlet Body With Cover, 1/2" Threaded Hubs On Back, Four Sides And Cover (GE JALX11)	298.48	25.70
28 46 13 31-0347	EA	4" Weatherproof, Octagon Back Box And Cover, 1/2" Threaded Hubs On Back, Four Sides And Cover (GE STONCO27)	93.69	32.13
28 46 13 31-0348		**Detectors, Heat, Fire-Lite** *(28 46 13 31-0338)*		
		Note: WARNING, Heat detectors are not Life Safety Devices, use for property protection only.		
28 46 13 31-0349	EA	Explosion Heat Detector, 135 Degree F Fixed Temperature, Rate-Anticipation Heat Detector, All-Weather Vertical Mounting (302-EPM-135)	166.19	48.18
28 46 13 31-0350	EA	Explosion Heat Detector, 194 Degree F Fixed Temperature, Rate-Anticipation Heat Detector, All-Weather Vertical Mounting (302-EPM-194)	166.19	48.18
28 46 13 31-0351		**Audio Notification Systems (Standalone Voice Evacuation)** *(28 46 13 31-0002)*		
28 46 13 31-0352		**Audio Notification Panels** *(28 46 13 31-0351)*		
28 46 13 31-0353	EA	Audio Notification Panel, 100 Watt Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Gray Cabinet (GE ANS100MDG)	5,773.91	642.47
28 46 13 31-0354	EA	Audio Notification Panel, 100 Watt Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Red Cabinet (GE ANS100MDR)	5,773.91	642.47
28 46 13 31-0355	EA	Audio Notification Panel, 25 Watt Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Gray Cabinet (GE ANS25MDG)	4,307.82	642.47
28 46 13 31-0356	EA	Audio Notification Panel, 25 Watt Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Red Cabinet (GE ANS25MDR)	4,307.82	642.47

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0357	EA	Audio Notification Panel, 50 Watt Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Gray Cabinet (GE ANS50MDG)	5,033.30	642.47
28 46 13 31-0358	EA	Audio Notification Panel, 50 Watt Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Red Cabinet (GE ANS50MDR)	5,033.30	642.47
28 46 13 31-0359		**Audio Notification Expander Panels** *(28 46 13 31-0351)*		
28 46 13 31-0360	EA	Audio Expander Panel, 100W With Out DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Gray Cabinet (GE ANS100XG)	4,428.73	642.47
28 46 13 31-0361	EA	Audio Expander Panel, 100W With Out DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Red Cabinet (GE ANS100XR)	4,428.73	642.47
28 46 13 31-0362	EA	Audio Expander Panel, 25 Watt Without DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Gray Cabinet (GE ANS25XG)	3,007.98	642.47
28 46 13 31-0363	EA	Audio Expander Panel, 25 Watt Without DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Red Cabinet (GE ANS25XR)	3,007.98	642.47
28 46 13 31-0364	EA	Audio Expander Panel, 50W With Out DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Gray Cabinet (GE ANS50XG)	3,839.27	642.47
28 46 13 31-0365	EA	Audio Expander Panel, 50W With Out DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Red Cabinet (GE ANS50XR)	3,839.27	642.47
28 46 13 31-0366		**Audio Notification Output Accessories** *(28 46 13 31-0351)*		
28 46 13 31-0367	EA	Zone Adapter, 1 Circuit To 2 Circuit's (GE ANSZC2B)	168.16	16.06
28 46 13 31-0368	EA	Zone Splitter, 2 Class A Circuits With Zone Selection Switches And All-Call Switch (GE ANSZS2A)	744.39	32.13
28 46 13 31-0369	EA	Zone Splitter, 4 Class B Circuits With Zone Selection Switches And All-Call Switch (GE ANSZS4B)	744.39	32.13
28 46 13 31-0370	EA	Class A Converter (GE ANSZSC4A)	532.79	32.13
28 46 13 31-0371		**Audio Notification Remote Microphone** *(28 46 13 31-0351)*		
28 46 13 31-0372	EA	Microphone (GE ANSMIKE)	200.27	32.13
28 46 13 31-0373	EA	Remote Microphone, Supervised In Surface/Semi-Flush Gray Cabinet, Requires EVX-SC Card In Evacuation Panel (GE ANSREMG)	819.96	32.13
28 46 13 31-0374	EA	Remote Microphone, Supervised In Surface/Semi-Flush Red Cabinet, Requires EVX-SC Card In Evacuation Panel (GE ANSREMR)	819.96	32.13
28 46 13 31-0375	EA	Remote Microphone Supervisory Card, One Per System, Supervises Up To 5 Remote Microphones (GE ANSREMSUP)	183.27	16.06
28 46 13 31-0376	EA	Relay Card For Supervision/Zone Splitter To Remote Microphone (GE ANSZSR)	100.13	16.06
28 46 13 31-0377		**Audio Notification Accessories** *(28 46 13 31-0351)*		
28 46 13 31-0378	EA	Audio Matching - Line Input/Output Card (GE ANSAUX)	336.30	32.13
28 46 13 31-0379	EA	Class B Backup Amplifier Switching Module (GE ANSBKUP)	336.30	32.13
28 46 13 31-0380	EA	Class A Backup Amplifier Switching Module (GE ANSBKUPA)	336.30	32.13
28 46 13 31-0381	EA	Eight Input Remote Serial Interface Module, Accepts Dry Contact Interface To Control Up To 8 Messages, Message Recording Included With Module, For Industrial Signaling Only, Not UL Listed For Fire Alarm / Life Safety Applications (GE ANSRSI8)	744.39	32.13
28 46 13 31-0382		**Audio Notification Modules, Without Cabinet And Transformer** *(28 46 13 31-0351)*		
28 46 13 31-0383	EA	100W Expander Module (No Microphone OR DMR), Requires Transformer Ordered Separately (GE ANS100A) Note: Excludes cabinet.	2,713.06	64.24
28 46 13 31-0384	EA	100W Expander Module With Microphone (No DMR), Requires Transformer Ordered Separately (GE ANS100AM) Note: Excludes cabinet.	2,849.09	64.24
28 46 13 31-0385	EA	100W Audio Notification Module With DMR And Microphone, Requires Transformer Ordered Separately (GE ANS100AMD) Note: Excludes cabinet.	3,937.32	64.24
28 46 13 31-0386	EA	25 Watt Expander Module (No Microphone Or DMR), Requires Transformer Ordered Separately (GE ANS25A) Note: Excludes cabinet.	1,488.79	64.24
28 46 13 31-0387	EA	25 Watt Expander Module With Microphone (No DMR), Requires Transformer (GE ANS25AM) Note: Excludes cabinet.	1,488.79	64.24
28 46 13 31-0388	EA	25 Watt Audio Notification Module With DMR And Microphone, Requires Transformer Ordered Separately (GE ANS25AMD)	2,713.06	64.24
28 46 13 31-0389	EA	50W Expander Module (No Microphone Or DMR) (GE ANS50A) Note: Excludes cabinet.	2,168.94	64.24
28 46 13 31-0390	EA	50W Expander Module With Microphone (No DMR) (GE ANS50AM) Note: Excludes cabinet.	2,304.97	64.24
28 46 13 31-0391	EA	50W Audio Notification Module With DMR And Microphone (GE ANS50AMD) Note: Excludes cabinet.	3,393.20	64.24
28 46 13 31-0392	EA	Power Transformer, Open Frame, 28 Volt AC At 180 VA (EVAX 50/100) (GE ANST28180)	168.16	16.06
28 46 13 31-0393	EA	Power Transformer, Open Frame, 28 Volt AC At 100 VA (EVAX 25) (GE ANST2885)	124.39	16.06
28 46 13 31-0394		**Simplex Fire Alarm** *(28 46 13 31)*		
28 46 13 31-0395		**4100 Fire Alarm Control Panel** *(28 46 13 31-0394)*		
28 46 13 31-0396	EA	4100U Master Controller Assembly With LCD And Operator Interface, 9 Amperes System Power Supply/Battery Charger (SPS), 250 Point IDNet Interface, 3 NACS, Auxiliary Relay And External RUI Communications Interface, 120 Volt AC Input (Simplex 4100-9111)	7,148.29	641.48

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0397	EA	4100ES NDU With Master Controller, LCD And Operator Interface, Network Interface Module (Select Media Card Separately), 9 Amperes System Power Supply/Battery Charger, And External RUI Communications Interface (Power Supply/Battery Charger Is An SPS With Its IDNet Channel And NACs Disabled), 120 Volt AC Input (Simplex 4100-9141)	7,804.71	641.48
28 46 13 31-0398	EA	4100ES NDU With VCC Includes The First Bay Equipment Described For The NDU And A Second Bay Assembly With Separate: Master Controller For Voice Functions, Network Interface (Select Media Card Separately), And A Standard SPS With 250 Point IDNet Channel; And 3, 3 A Class A/B NACs Capable Of SmartSync Two-Wire Operation, 120 V Input (Simplex 4100-9142)	11,242.69	641.48
28 46 13 31-0399	EA	Up To 127 Points, IDNet Module, (Simplex 4100-3104) Note: Add-on module.	4,568.71	641.48
28 46 13 31-0400	EA	Up To 64 Points, IDNet Module, (Simplex 4100-3105) Note: Add-on module.	3,567.63	641.48
28 46 13 31-0401	EA	Expansion Power Supply, 3 NACs, 120 Volt AC (Simplex 4100-5101) Note: Add-on module.	2,285.26	160.36
28 46 13 31-0402	EA	Alarm Relay, 3 Form C Relays, 2 Amperes At 32 Volt DC, For SPS Or RPS (Simplex 4100-6033) Note: Add-on module.	478.08	32.08
28 46 13 31-0403	EA	Dual Port RS-232 Interface Card (Simplex 4100-6038) Note: Add-on module.	1,373.84	32.08
28 46 13 31-0404		**4100U Back Box** *(28 46 13 31-0394)*		
28 46 13 31-0405	EA	2 Bay Back Box With Glass Door And Dress Panel (Simplex 2975-9425) Note: 24" x 40" beige backbox.	2,380.57	128.30
28 46 13 31-0406	EA	3 Bay Back Box With Glass Door And Dress Panel (Simplex 2975-9443) Note: 24" x 56" beige backbox.	3,354.49	128.30
28 46 13 31-0407		**DACT (Digital Alarm Communicator Transmitter)** *(28 46 13 31-0394)*		
28 46 13 31-0408	EA	6 Zone Fire Control Communicator (Silent Knight SK-5104)	1,303.62	64.14
28 46 13 31-0409		**4010 Fire Alarm Control Panel** *(28 46 13 31-0394)*		
28 46 13 31-0410	EA	120 Volt AC Fire Alarm Control Panel With Door, Cabinet, Power Supply/Battery Charger, IDNet Interface, 4 NACs, 2 Programmable Auxiliary Relays, External N2 Communications Interface, And Internal Common Event Reporting DACT (Simplex 4010-9101)	6,745.88	641.48
28 46 13 31-0411	EA	240 Volt AC Fire Alarm Control Panel With Door, Cabinet, Power Supply/Battery Charger, IDNet Interface, 4 NACs, 2 Programmable Auxiliary Relays, And External N2 Communications Interface (Simplex 4010-9201)	6,546.27	641.48
28 46 13 31-0412	EA	Dual Circuit Class A NAC Adapter Module (Simplex 4010-9806)	245.40	32.08
28 46 13 31-0413	EA	Dual RS-232 Interface Module Expansion Slot Option (Simplex 4010-9811)	1,069.89	32.08
28 46 13 31-0414	EA	Single RS-232 Interface Module With Service Modem Connection Expansion Slot Option (Simplex 4010-9812)	1,471.48	32.08
28 46 13 31-0415	EA	120 Volt AC, 4 Amperes, Expansion Power Supply Expansion Module (Simplex 4010-9813)	755.38	32.08
28 46 13 31-0416	EA	240 Volt AC, 4 Amperes, Expansion Power Supply Expansion Module (Simplex 4010-9823)	817.55	32.08
28 46 13 31-0417	EA	Battery Meter Module Expansion Module (Simplex 4010-9820)	305.80	32.08
28 46 13 31-0418		**Printer** *(28 46 13 31-0394)*		
28 46 13 31-0419	EA	24 Pin Dot Matrix Printer (Simplex 4190-9013)	2,370.75	32.08
28 46 13 31-0420		**NAC Panel / Power Booster** *(28 46 13 31-0394)*		
28 46 13 31-0421	EA	120 Volt AC, IDNet NAC Extender With 4, Class B (Style Y) NACs And 8 Amperes Power Supply (Simplex 4009-9201) Note: Power supply for horns and strobes.	1,526.85	160.36
28 46 13 31-0422		**Battery** *(28 46 13 31-0394)*		
28 46 13 31-0423	EA	50 Ampere Hours Sealed Lead Acid Battery (Simplex 2081-9296) Note: Two required for 24 volt DC.	957.84	32.08
28 46 13 31-0424	EA	33 Ampere Hours Sealed Lead Acid Battery (Simplex 2081-9276) Note: Two required for 24 volt DC.	635.78	32.08
28 46 13 31-0425	EA	6.2 Ampere Hours Sealed Lead Acid Battery (Simplex 2081-9272) Note: Two required for 24 volt DC.	227.86	32.08
28 46 13 31-0426		**Interface Modules** *(28 46 13 31-0394)*		
28 46 13 31-0427	EA	Supervised Individual Addressable Modules (Simplex 4090-9001) Note: Monitor modules for waterflow / tamper, etc.	183.60	32.08
28 46 13 31-0428	EA	Relay Individual Addressable Modules (Simplex 4090-9002) Note: Control modules for gas shutdown, door holders, etc.	382.39	32.08
28 46 13 31-0429	EA	Relay SPDT With LED MR-801/T (Simplex 2088-9032) Note: Interface relay for 120VAC	89.94	32.08
28 46 13 31-0430	EA	SmartSync™ Adapter Module For Non-Addressable Notification Appliance Circuits (NACs) (Simplex 4905-9815)	185.79	32.08
28 46 13 31-0431	EA	Surface Mount Cover Plate For SmartSync Adapter Module (Simplex 4905-9817)	82.58	16.03
28 46 13 31-0432	EA	Flush Mount Cover Plate For SmartSync Adapter Module (Simplex 4905-9818)	78.38	16.03
28 46 13 31-0433		**Pull Stations** *(28 46 13 31-0394)*		
28 46 13 31-0434	EA	Addressable Single Action Manual Pull Station (Simplex 4099-9001)	226.24	32.08
28 46 13 31-0435	EA	N.O. Contacts, Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9101)	160.96	32.08
28 46 13 31-0436	EA	N.C. Contacts, Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9102)	173.57	32.08
28 46 13 31-0437	EA	Break-Glass, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9103)	155.27	32.08

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0438	EA	N.O. Contacts, Break-Glass, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9104)	182.00	32.08
28 46 13 31-0439	EA	N.C. Contacts, Break-Glass, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9105)	278.05	32.08
28 46 13 31-0440	EA	Single Action, Pre-Signal, N.O. Contacts, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9107)	232.50	32.08
28 46 13 31-0441	EA	Break-Glass, Pre-Signal, N.O. Contacts, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9108)	274.60	32.08
28 46 13 31-0442	EA	Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9754)	125.88	32.08
28 46 13 31-0443	EA	Local Alarm Cover, Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9755)	133.58	32.08
28 46 13 31-0444	EA	Push, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9756)	158.39	32.08
28 46 13 31-0445	EA	N.C. Contacts, Push, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9758)	248.55	32.08
28 46 13 31-0446	EA	Pre-Signal, N.O. Contacts, Push, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9759)	432.94	32.08
28 46 13 31-0447	EA	Institutional Cover, Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9762)	139.91	32.08
28 46 13 31-0448	EA	Surface Mount Steel Box For Manual Pull Station (Simplex 2975-9178)	86.81	16.03
28 46 13 31-0449		**Weatherproof Pull Stations** *(28 46 13 31-0394)*		
28 46 13 31-0450	EA	Weather Proof Single Action Pull Station, Cast Metal, B Lock, SPST (Simplex 2099-9138)	220.12	38.49
28 46 13 31-0451	EA	Surface Mount Cast Aluminum Box For Exterior Pull Station (Simplex 2975-9211)	142.73	16.03
28 46 13 31-0452		**Heat / Smoke Sensor** *(28 46 13 31-0394)*		
28 46 13 31-0453	EA	32 To 122 Degree F Heat Sensor (Simplex 4098-9733)	220.21	48.11
28 46 13 31-0454	EA	Photoelectric Smoke Sensor (Simplex 4098-9714)	323.54	48.11
28 46 13 31-0455	EA	Sensor Base With Relay Driver (Simplex 4098-9791)	640.23	16.03
28 46 13 31-0456	EA	Standard Sensor Base (Simplex 4098-9792)	324.37	16.03
28 46 13 31-0457	EA	Remote Supervised Relay Accessory For Sensor Base With Relay Driver (Simplex 2098-9737) Note: Relay for 4098-9791	184.37	32.08
28 46 13 31-0458		**Explosion Proof Heat Detector** *(28 46 13 31-0394)*		
28 46 13 31-0459	EA	135 Degree F Explosion Proof Heat Detector (Simplex 2098-9488)	233.43	48.11
28 46 13 31-0460	EA	Explosion Proof Back Box (Killark JLX-21)	154.17	16.03
28 46 13 31-0461	EA	Explosion Proof Back Box Plugs (Killark CUP-2)	13.87	3.21
28 46 13 31-0462		**Weatherproof Heat Detector** *(28 46 13 31-0394)*		
28 46 13 31-0463	EA	194 Degree F Fixed Hardwired Weatherproof Heat Detector (Simplex 2098-9490)	167.04	48.11
28 46 13 31-0464		**200 Degree F Heat Detector** *(28 46 13 31-0394)*		
28 46 13 31-0465	EA	194 Degree F Heat Detector, ROR/Fixed Temperature (Simplex 5604) Note: Used in kiln rooms and kitchens.	137.36	48.11
28 46 13 31-0466		**Duct Smoke Sensor** *(28 46 13 31-0394)*		
28 46 13 31-0467	EA	Duct Sensor Housing (Simplex 4098-9755)	516.09	25.66
28 46 13 31-0468	EA	Duct Sensor Housing With Supervised Output For Multiple Remote Relays, 4-Wire (Simplex 4098-9756) Note: Relay output for AHU shutdown.	693.14	57.73
28 46 13 31-0469	EA	46" To 71" Duct Sampling Tube (Simplex 2098-9798) Note: 25", 49", 73" or 97" sampling tube length.	75.99	16.03
28 46 13 31-0470	EA	Remote Duct Test Station With Key Switch And Red LED Status Indicator (Simplex 2098-9806)	179.56	48.11
28 46 13 31-0471		**Interior Horn** *(28 46 13 31-0394)*		
28 46 13 31-0472	EA	Red With White FIRE Lettering, TrueAlert Addressable Electronic Horn (Simplex 4901-9850)	165.75	48.11
28 46 13 31-0473	EA	White With Red FIRE Lettering, TrueAlert Addressable Electronic Horn (Simplex 4901-9853)	165.75	48.11
28 46 13 31-0474		**Interior Horn Strobe** *(28 46 13 31-0394)*		
28 46 13 31-0475	EA	75Cd, Wall Mounted Horn Strobe, Red (Simplex 4903-9426)	231.41	48.11
28 46 13 31-0476	EA	110Cd, Wall Mounted Horn Strobe, Red (Simplex 4903-9427)	231.41	48.11
28 46 13 31-0477	EA	Wall Mount, Red Housing, White Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9127)	216.43	48.11
28 46 13 31-0478	EA	Ceiling Mount, Red Housing, White Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9128)	216.43	48.11
28 46 13 31-0479	EA	Wall Mount, White Housing, Red Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9129)	216.43	48.11
28 46 13 31-0480	EA	Ceiling Mount, White Housing, Red Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9130)	216.43	48.11
28 46 13 31-0481	EA	Weatherproof, Red Housing, White Lettering, Horn And Intensity Selectable (15, 60 Or 75 Candela) Multi-Candela Strobe (Simplex 4906-9131)	221.45	48.11
28 46 13 31-0482	EA	Weatherproof, White Housing, Red Lettering, Horn And Intensity Selectable (15, 60 Or 75 Candela) Multi-Candela Strobe (Simplex 4906-9132)	221.45	48.11
28 46 13 31-0483	EA	Wall Mount, Red Housing, White Lettering, Horn And Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9139)	230.28	48.11
28 46 13 31-0484	EA	Ceiling Mount, Red Housing, White Lettering, Horn And Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9140)	226.21	48.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0485	EA	Wall Mount, White Housing, Red Lettering, Horn And Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9141)	230.28	48.11
28 46 13 31-0486	EA	Ceiling Mount, White Housing, Red Lettering, Horn And Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9142)	226.21	48.11
28 46 13 31-0487	EA	Wall Mount, Red Housing, White Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9227)	216.43	48.11
28 46 13 31-0488	EA	Ceiling Mount, Red Housing, White Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9228)	216.43	48.11
28 46 13 31-0489	EA	Wall Mount, White Housing, Red Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9229)	216.43	48.11
28 46 13 31-0490	EA	Ceiling Mount, White Housing, Red Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9230)	216.43	48.11

28 46 13 31-0491 Interior Strobe *(28 46 13 31-0394)*

28 46 13 31-0492	EA	Wall Mount, Red Housing, White Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9101)	184.61	48.11
28 46 13 31-0493	EA	Ceiling Mount, Red Housing, White Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9102)	184.61	48.11
28 46 13 31-0494	EA	Wall Mount, White Housing, Red Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9103)	184.54	48.11
28 46 13 31-0495	EA	Ceiling Mount, White Housing, Red Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9104)	184.61	48.11
28 46 13 31-0496	EA	Weatherproof, Red Housing, White Lettering, Intensity Selectable (15, 60 Or 75 Candela) Multi-Candela Strobe (Simplex 4906-9105)	203.64	48.11
28 46 13 31-0497	EA	Weatherproof, White Housing, Red Lettering, Intensity Selectable (15, 60 Or 75 Candela) Multi-Candela Strobe (Simplex 4906-9106)	203.64	48.11
28 46 13 31-0498	EA	Wall Mount, Red Housing, White Lettering, Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9109)	204.86	48.11
28 46 13 31-0499	EA	Ceiling Mount, Red Housing, White Lettering, Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9110)	208.18	48.11
28 46 13 31-0500	EA	Wall Mount, White Housing, Red Lettering, Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9111)	208.18	48.11
28 46 13 31-0501	EA	Ceiling Mount, White Housing, Red Lettering, Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9112)	208.18	48.11
28 46 13 31-0502	EA	Wall Mount, Red Housing, White Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9201)	184.61	48.11
28 46 13 31-0503	EA	Ceiling Mount, Red Housing, White Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9202)	184.61	48.11
28 46 13 31-0504	EA	Wall Mount, White Housing, Red Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9203)	184.61	48.11
28 46 13 31-0505	EA	Ceiling Mount, White Housing, Red Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9204)	184.61	48.11

28 46 13 31-0506 Interior Speakers *(28 46 13 31-0394)*

28 46 13 31-0507	EA	Red With White FIRE Lettering, Wall Mount Speaker, Rectangular Housing (Simplex 4902-9716)	149.64	48.11
28 46 13 31-0508	EA	White With Red FIRE Lettering, Wall Mount Speaker, Rectangular Housing (Simplex 4902-9717)	149.64	48.11
28 46 13 31-0509	EA	Ceiling Or Wall Mount, Round Housing Speaker (Simplex 4902-9721)	149.64	48.11

28 46 13 31-0510 Interior Speaker Strobe *(28 46 13 31-0394)*

28 46 13 31-0511	EA	Red Housing, White Lettering, Multi-Tapped Speaker And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9151)	246.24	48.11
28 46 13 31-0512	EA	White Housing, Red Lettering, Multi-Tapped Speaker And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9153)	246.24	48.11

28 46 13 31-0513 Surge Suppressors *(28 46 13 31-0394)*

28 46 13 31-0514	EA	Overvoltage Suppressor (Simplex 2081-9044)	160.94	9.62
28 46 13 31-0515	EA	Isolated Loop Circuit Protector (Simplex 2081-9028)	102.63	9.62
28 46 13 31-0516	EA	120 Volt AC, 20 Amperes, Multi Stage Hybrid Surge Protector With EMI/RFI Filtering (Ditek 120S20A)	345.71	9.62
28 46 13 31-0517	EA	24 Volt AC, Data And Loop Circuit Surge Protector (Ditek DTK-2MHLP24B)	117.65	9.62
28 46 13 31-0518	EA	Mounting Base For Two DTK-2MHLP (Ditek DTK-2MB)	177.18	16.03
28 46 13 31-0519	EA	120 Volt AC, 22,500 Amperes, Equipment Panel/Dedicated Circuit Surge Protector (Ditek DTK-120HW)	120.63	9.62
28 46 13 31-0520	EA	<105 Volt AC, 9,000 Amperes, RJ31 Connection, Alarm Dialer Surge Protection (Ditek DTK-MRJ31SCWP)	90.58	9.62

28 46 13 31-0521 Boxes And Adapters *(28 46 13 31-0394)*

28 46 13 31-0522	EA	Semi-Flush Mount Modular Adapter Using Standard 4" Square Electrical Box (Simplex 4905-9921)	78.38	16.03
28 46 13 31-0523	EA	Surface Mount Modular Adapter Using Simplex Box (Simplex 4905-9925)	74.17	16.03
28 46 13 31-0524	EA	Red, Surface Mount Adapter Skirt (Simplex 4905-9937)	65.92	16.03
28 46 13 31-0525	EA	White, Surface Mount Adapter Skirt (Simplex 4905-9940)	54.21	16.03

28 46 13 31-0526 Accessories *(28 46 13 31-0394)*

28 46 13 31-0527	EA	End-Of-Line Resistor Harness, 10 k Ohms, 1/2 Watt, Two Required, One Each For Audible And Visible Output (Simplex 4081-9008)	36.97	16.03

28 46 13 31-0528 Siemens Fire Alarm *(28 46 13 31)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0529		Conventional Control Panels *(28 46 13 31-0528)*		
28 46 13 31-0530		SXL Batteries And Power Supplies *(28 46 13 31-0529)*		
28 46 13 31-0531	EA	6 Amperes Notification Appliance Circuit Expander With Built-In Auxiliary Power Output (Siemens PAD-3)	1,361.63	64.14
28 46 13 31-0532	EA	Main Board Only For PAD-3 (Siemens PAD-3-MB)	1,095.62	64.14
28 46 13 31-0533		Digital Fire Communicators *(28 46 13 31-0529)*		
28 46 13 31-0534	EA	Four Channel Digital Slave Fire Communicator (Siemens 5129)	1,060.55	64.14
28 46 13 31-0535		Addressable Control Panels *(28 46 13 31-0528)*		
28 46 13 31-0536		Fireseeker Equipment *(28 46 13 31-0535)*		
28 46 13 31-0537		FS-250 System Panels *(28 46 13 31-0536)*		
28 46 13 31-0538	EA	FS-250 Electronics Package Including One FS-250-CON And Two FS-NPE, Excludes Enclosure (Siemens FS-250-EKIT) Note: FS-250-CON is an electronics package for releasing water or agent. FS-NPE is a system transformer.	3,236.95	641.48
28 46 13 31-0539	EA	FS-250 Electronics Package Including One FS-250-CON, Two FS-NPE, One FS-RPT And One FS-REL, Excludes Enclosure (Siemens FS-250-REL-EKIT) Note: FS-250-CON is an electronics package for releasing water or agent. FS-NPE is a system transformer. FS-RPT is a releasing power transformer. FS-REL is a Releasing Module.	4,049.50	641.48
28 46 13 31-0540	EA	FS-250-SRX Releasing Electronics Package Including One FS-250-CON2-SRX, Two FS-NPE, One FS-RPT And One FS-REL, Excludes Enclosure (Siemens FS-250-SRX-EKIT) Note: FS-250-CON2-SRX is an electronics package for releasing water or agent. FS-NPE is a system transformer. FS-RPT is a releasing power transformer. FS-REL is a Releasing Module.	2,404.79	513.18
28 46 13 31-0541	EA	Electronics Package For Releasing Water Or Agent (Siemens FS-250-CON)	3,241.78	641.48
28 46 13 31-0542		FS-250 Optional Modules *(28 46 13 31-0536)*		
28 46 13 31-0543	EA	Main Board Module (Siemens FS-MB2)	1,371.31	64.14
28 46 13 31-0544	EA	Display Board Module (Siemens FS-DB2)	1,070.15	32.08
28 46 13 31-0545	EA	Device Loop Card (Siemens FS-DLC)	876.69	32.08
28 46 13 31-0546	EA	Releasing Module (Siemens FS-REL)	388.19	32.08
28 46 13 31-0547	EA	Remote LCD Annunciator (Siemens FS-RD2)	870.64	32.08
28 46 13 31-0548	EA	Relay Processor Card (Siemens FS-RU2)	755.77	32.08
28 46 13 31-0549	EA	Relay Expander Board (Siemens FS-RE8)	644.53	32.08
28 46 13 31-0550	EA	Serial Annunciator Processor Card (Siemens FS-SAU2)	870.64	32.08
28 46 13 31-0551	EA	16 Output Annunciator Extender (Siemens FS-SAE16)	678.39	32.08
28 46 13 31-0552	EA	Digital Alarm Communication Transmitter (Siemens FS-DACT)	616.72	32.08
28 46 13 31-0553	EA	Municipal Tie Module (Siemens FS-MT)	523.62	32.08
28 46 13 31-0554	EA	Configuration Tool Including Laptop To FS-250 Cable And Software (Siemens FS-CT2)	475.33	
28 46 13 31-0555	EA	Programming Cable Kit (Siemens CBL-UD)	125.18	16.03
28 46 13 31-0556	EA	Notification Appliance Circuit Power Expander Transformer (Siemens FS-NPE)	224.96	32.08
28 46 13 31-0557	EA	Releasing Power Transformer (Siemens FS-RPT-A)	228.58	32.08
28 46 13 31-0558	EA	Surface Mounted Box For Remote LCD Annunciator (Siemens FS-RD-SB)	259.29	25.66
28 46 13 31-0559	EA	Cabinet Trim Kit (Siemens RD-CAB-TK)	423.84	16.03
28 46 13 31-0560		Firefinder Systems *(28 46 13 31-0535)*		
28 46 13 31-0561		XLS Basic Fire System Packages Without Back Box *(28 46 13 31-0560)*		
28 46 13 31-0562	EA	500 Point Firefinder Package Including Two DLC, One PMI, One ZIC-4A, One CC-5, One PSC-12 And One ID-SP (Siemens XLS-500-ID-SP) Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. ID-SP is an inner door blank single plate.	11,456.80	641.48
28 46 13 31-0563	EA	250 Point Firefinder Package Including One DLC, One PMI, One ZIC-4A, One CC-5, One PSC-12 And One ID-SP (Siemens XLS-250-ID-SP) Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. ID-SP is an inner door blank single plate.	10,075.95	641.48
28 46 13 31-0564	EA	250 Point Firefinder Package Including One DLC, One PMI-INT, One ZIC-4A, One CC-5, One PSC-12 And One ID-SP (Siemens XLS-250-INT-ID-SP) Note: DLC is a device loop card. PMI-INT is a person machine interface with multilingual overlays. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. ID-SP is an inner door blank single plate.	10,075.95	641.48
28 46 13 31-0565	EA	250 Point Firefinder Package Including One DLC, One PMI, One ZIC-4A, One CC-5, One PSC-12, One CAB2-BD And One OD-LP (Siemens XLS-250-CAB2-BD) Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. CAB2-BD is a two row inner and outer door set. OD-LP is an outer door clear plastic lens plate.	16,939.09	641.48
28 46 13 31-0566	EA	250 Point Firefinder Package Including One DLC, One PMI, One ZIC-4A, One CC-5, One PSC-12, One CAB3-BD, One BCL, One ID-SP And One OD-LP (Siemens XLS-250-CAB3-BD) Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. CAB3-BD is a three row inner and outer door set. ID-SP is an inner door blank single plate. OD-LP is an outer door clear plastic lens plate.	17,512.22	641.48
28 46 13 31-0567	EA	250 Point Firefinder Package Including One DLC, One PMI, One ZIC-4A, One CC-5, And One PSC-12 (Siemens XLS-250-ZIC4A-EP) Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module.	9,936.90	641.48

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0568	EA	250 Point Firefinder Package Including One DLC, One PMI-INT, One ZIC-4A, One CC-5, And One PSC-12 (Siemens XLS-250-ZIC4A-INT-EP) Note: DLC is a device loop card. PMI-INT is a person machine interface with multilingual overlays. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module.	9,936.90	641.48
28 46 13 31-0569	EA	250 Point Firefinder Package Including One DLC, One PMI, One ZIC-8B, One CC-5, And One PSC-12 (Siemens XLS-250-ZIC8B-EP) Note: DLC is a device loop card. PMI is a person machine interface. ZIC-8B is an eight circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module.	11,552.32	641.48
28 46 13 31-0570		**Firefinder - XLS Basic System Equipment** *(28 46 13 31-0560)*		
28 46 13 31-0571	EA	Person Machine Interface With Central Processor (Siemens PMI) Note: Includes inner door.	5,313.06	641.48
28 46 13 31-0572	EA	Person Machine Interface With Central Processor, DE-2 And DPU (Siemens PMI-DPU-ENC) Note: Includes inner door.	8,881.26	641.48
28 46 13 31-0573	EA	Person Machine Interface With Multilingual Overlays And Central Processor (Siemens PMI-INT) Note: Includes inner door.	5,313.06	641.48
28 46 13 31-0574	EA	Two Slot Card Cage (Siemens CC-2)	663.88	32.08
28 46 13 31-0575	EA	Five Slot Card Cage (Siemens CC-5)	1,124.56	32.08
28 46 13 31-0576	EA	Four Circuit Zone Indicating Card (Siemens ZIC-4A)	1,608.22	32.08
28 46 13 31-0577	EA	Eight Circuit Zone Indicating Card (Siemens ZIC-8B)	1,679.56	32.08
28 46 13 31-0578	EA	Two Channel Adapter Card For ZIC-8B (Siemens ZIC-2C)	528.45	32.08
28 46 13 31-0579	EA	Device Loop Card (Siemens DLC) Note: Interfaces with up to 252 detectors and devices.	1,906.88	32.08
28 46 13 31-0580	EA	Controllable Relay Card (Siemens CRC-6) Note: Provides six programmable relays.	1,078.62	32.08
28 46 13 31-0581	EA	12 Amperes Power Supply Charger Module (Siemens PSC-12)	4,094.24	32.08
28 46 13 31-0582	EA	Person Machine Interface With Central Processor And GPMI-UK Software Upgrade Kit (Siemens GPMI) Note: Software kit provides interface with multiple FireFinder XLS and MXL systems.	6,926.06	641.48
28 46 13 31-0583	EA	Network Interface Card (Siemens NIC-C) Note: Provides HNET Or XNET communication between enclosures.	1,262.41	32.08
28 46 13 31-0584	EA	12 Amperes Power Supply Extender (Siemens PSX-12) Note: Extends PSC-12 with an additional 24 volt DC.	3,405.02	32.08
28 46 13 31-0585	EA	Power Termination Board (Siemens PTB) Note: Used with systems requiring more than one PSX-12.	571.98	32.08
28 46 13 31-0586	EA	Conventional Detector Card (Siemens CDC-4)	1,216.46	32.08
28 46 13 31-0587	EA	Multi-Mode Network Fiber Optic Interface Module (Siemens D2300CPS)	2,385.71	32.08
28 46 13 31-0588	EA	Single-Mode Network Fiber Optic Interface Module (Siemens D2325CPS)	8,586.23	32.08
28 46 13 31-0589		**Remote Lobby Enclosure** *(28 46 13 31-0560)*		
28 46 13 31-0590	EA	14-1/2" x 18-1/2" x 5" Two Module Remote Enclosure (Siemens REMBOX2) Note: Flush mounted. Includes clear lens plate on cover.	1,570.95	128.30
28 46 13 31-0591	EA	24" x 18-1/2" x 5" Four Module Remote Enclosure (Siemens REMBOX4) Note: Flush mounted. Includes clear lens plate on cover.	2,030.42	128.30
28 46 13 31-0592	EA	Optional Mounting Plate For REMBOX2 (Siemens REMBOX2-MP) Note: Required to mount up to four SIM-16 or OCM-16 modules.	249.14	32.08
28 46 13 31-0593	EA	Optional Mounting Plate For REMBOX4 (Siemens REMBOX4-MP) Note: Required to mount up to eight SIM-16 or OCM-16 modules.	272.11	32.08
28 46 13 31-0594		**Battery Enclosures** *(28 46 13 31-0560)*		
28 46 13 31-0595	EA	Enclosure For 100 Ampere Hours Batteries (Siemens CAB-BATT)	971.21	128.30
28 46 13 31-0596		**Graphic Annunciator Output Drivers And Inputs** *(28 46 13 31-0560)*		
28 46 13 31-0597	EA	Output Control Module (Siemens OCM-16)	778.75	32.08
28 46 13 31-0598	EA	Supervised Input Module (Siemens SIM-16)	778.75	32.08
28 46 13 31-0599		**Remote LCD Displays** *(28 46 13 31-0560)*		
28 46 13 31-0600	EA	Remote LED/LCD System Status Display (Siemens SSD) Note: No control or menu capability.	1,804.24	96.22
28 46 13 31-0601	EA	Remote LED/LCD System Status Display, Buttons To Acknowledge Events, Silence Audible Circuits And Resetting (Siemens SSD-C)	2,035.18	96.22
28 46 13 31-0602		**Voice Equipment** *(28 46 13 31-0560)*		
28 46 13 31-0603	EA	40 Watts Zone Amplifier Card (Siemens ZAC-40)	1,795.64	32.08
28 46 13 31-0604	EA	180 Watts Zone Amplifier Module (Siemens ZAM-180)	3,980.58	32.08
28 46 13 31-0605	EA	Live Voice Module (Siemens LVM) Note: Includes a dynamic microphone with a push-to-talk switch and ready-to-page indicator light, as well as a small local speaker and volume control for monitoring audio signals.	1,675.94	32.08
28 46 13 31-0606		**MXL Series Equipment** *(28 46 13 31-0535)*		
28 46 13 31-0607		**MXL Optional Equipment** *(28 46 13 31-0606)*		
28 46 13 31-0608	EA	Two Circuit Analog Loop Driver (Siemens ALD-2I)	1,932.35	64.14
28 46 13 31-0609	EA	CXL/MXL Interface Module (Siemens CMI-300)	4,997.47	32.08
28 46 13 31-0610	EA	Four Relay Programmable Relay Module (Siemens CRM-4)	857.34	32.08

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0611	EA	Two Circuit Controllable Signal/Releasing Module (Siemens CSM-4)	1,035.09	32.08
28 46 13 31-0612	EA	Remote Conventional Zone Module (Siemens CZM-1B6)	389.40	32.08
28 46 13 31-0613	EA	Short Circuit Line Isolator Module (Siemens Model LIM-1)	240.68	32.08
28 46 13 31-0614	EA	Four Circuit Conventional Zone Module (Siemens CZM-4)	1,007.28	32.08
28 46 13 31-0615	EA	12" x 16" x 3" Enclosure For PAD-3 (Siemens EN-PAD)	362.23	48.11
28 46 13 31-0616	EA	Lexan Window For RCC (Siemens GENBOX-WD)	245.99	25.66
28 46 13 31-0617	EA	Input Driver Module (Siemens MID-16)	660.25	32.08
28 46 13 31-0618	EA	Programmable Output Driver Module (Siemens MOD-16)	660.25	32.08
28 46 13 31-0619	EA	MXL Output/Input Module (Siemens MOI-7)	1,056.85	32.08
28 46 13 31-0620	EA	Two Slot Network Option Module Card Cage (Siemens MOM-2)	562.31	32.08
28 46 13 31-0621	EA	Four Slot Network Option Module Card Cage (Siemens MOM-4)	885.15	32.08
28 46 13 31-0622	EA	12 Amperes, 220 Volt AC, Power Supply For MXL (Siemens MPS-12/220)	2,176.66	96.22
28 46 13 31-0623	EA	12 Amperes, 240 Volt AC, Power Supply For MXL (Siemens MPS-12/240)	2,176.66	96.22
28 46 13 31-0624	EA	Network Interface Module (Siemens NIM-1W)	1,576.79	32.08
28 46 13 31-0625	EA	U.L. Listed Parallel Printer (Siemens PAL-1)	4,125.88	128.30
28 46 13 31-0626	EA	Peripheral Interface Module, Model PIM-1 (Siemens 500-691324)	461.95	32.08
28 46 13 31-0627	EA	Surface Mounted Remote Command Center (Siemens RCC-1)	4,505.34	641.48
28 46 13 31-0628	EA	Enclosure And Door With Lens For RCC-1 (Siemens RCC-1DL)	555.13	64.14
28 46 13 31-0629	EA	Flush Mounted Remote Command Center (Siemens RCC-1F)	4,505.34	641.48
28 46 13 31-0630	EA	Enclosure And Door With Lens For RCC-1F (Siemens RCC-1FDL)	569.64	64.14
28 46 13 31-0631	EA	Remote Control Center With System Control Functions And Sequential Event Display (Siemens RCC-2)	3,459.43	641.48
28 46 13 31-0632	EA	MXL/MXLV Remote Annunciator/Keyboard With Enhanced Display (Siemens RCC-3)	5,187.31	641.48
28 46 13 31-0633	EA	RCC-2/RSE-1 Trim Ring (Siemens RCF-1)	86.49	16.03
28 46 13 31-0634	EA	Remote Diagnostics Module For MXL (Siemens RDM-MXL)	6,415.88	64.14
28 46 13 31-0635	EA	Remote Diagnostics Module For PC (Siemens RDM-PC)	13,667.15	64.14
28 46 13 31-0636	EA	Releasing End Of Line Module (Siemens REL-EOL)	195.94	32.08
28 46 13 31-0637	EA	36 Zone Tabular Graphic Annunciator With Restart System Key (Siemens RSA-MBSC)	4,090.68	64.14
28 46 13 31-0638	EA	36 Zone Tabular Graphic Annunciator (Siemens RSA-MBTL)	3,905.68	64.14
28 46 13 31-0639	EA	8-3/8" x 6-1/4" Remote Control Enclosure (Siemens RSE-1)	2,071.53	128.30
28 46 13 31-0640		**Complete MXL And MXLV System Packages Without Enclosure** *(28 46 13 31-0606)*		
28 46 13 31-0641	EA	MXL System Electronics Package Including One MMB-3, One Display/Control Keyboard, One MDL-1, One MKB-2, One Mps-6, One MOM-2, One ALD-2I And One PIM-1 (Siemens MXL-SS-EP) Note: MMB-3 is a MXL/MXLV main control board. MDL-1 is a clear lens. MKB-2 is a MXL/MXLV display/keyboard module with hinged frame. MPS-6 is a 6 Amp power supply for MXL. MOM-2 is a two slot network option module card cage. ALD-2I is a two circuit analog loop driver. PIM-1 is a peripheral interface module.	14,957.29	641.48
28 46 13 31-0642	EA	MXL Voice System Electronics Package Including One MMB-3, One MKB-2, One MPS-6, One ACM-1, One TBM-2, One MMM-1, One OMM-2, One ZAC-30, One OCC-1, One MHD-5, One VSM-1 And Four VSB-1 (Siemens MXLV-SS-EP) Note: MMB-3 is a MXL/MXLV main control board. MKB-2 is a MXL/MXLV display/keyboard module with hinged frame. MPS-6 is a 6 Amp power supply for MXL. ACM-1 is an audio control module. TBM-2 is a voice terminal module. MMM-1 is a master microphone module. OMM-2 is a two half width slot card cage. ZAC-30 is a MXLV zone amplifier card. OCC-1 is a MXLV output control card. MHD-5 is a deadfront panel for MSE-2 backbox. VSM-1 is an eight switch module. VSB-1 is a module blank with overlay.	19,489.18	641.48
28 46 13 31-0643	EA	MXLV Demonstration Panel (Siemens MXLV DEMO)	40,654.14	641.48
28 46 13 31-0644		**MXL Basic System** *(28 46 13 31-0606)*		
28 46 13 31-0645	EA	MXL/MXLV Main Control Board (Siemens MMB-3)	9,254.94	641.48
28 46 13 31-0646	EA	MXL System Electronics Package Including One MMB-3, One DE-2 And One DPU (Siemens MMB-DPU-ENCL) Note: MMB-3 is a MXL/MXLV main control board. DE-2 is an enclosure for document storage. DPU is a handheld device programming and testing unit.	11,962.22	641.48
28 46 13 31-0647	EA	MXL/MXLV Display/Keyboard Module With Hinged Frame (Siemens MKB-2)	3,449.84	64.14
28 46 13 31-0648	EA	MXL/MXLV Keyboard With Enhanced Display With Hinged Frame (Siemens MKB-5)	4,322.84	64.14
28 46 13 31-0649	EA	6 Amperes Power Supply For MXL (Siemens MPS-6)	1,498.32	96.22
28 46 13 31-0650	EA	220/240 Volt AC Adapter Cable (Siemens CIA-12)	110.67	16.03
28 46 13 31-0651		**MXL/MXLR System Expansion Accessories** *(28 46 13 31-0606)*		
28 46 13 31-0652	EA	MXL Remote Power Supply Module (Siemens PSR-1)	1,840.51	96.22
28 46 13 31-0653	EA	Style 4 Communication Module (Siemens NET-4)	377.31	32.08
28 46 13 31-0654	EA	Style 7 Communication Module (Siemens NET-7)	688.06	32.08
28 46 13 31-0655	EA	MXL/MXL-IQ/MXLV Intelligent Control Point, B6 Chip (Siemens ICP-B6)	412.38	32.08
28 46 13 31-0656		**Peripheral Devices** *(28 46 13 31-0535)*		
28 46 13 31-0657		**Thermal Detectors** *(28 46 13 31-0656)*		
28 46 13 31-0658	EA	Rate Of Rise And 135 Degree F Fixed Temperature Thermal Detector (Siemens DT-135R)	155.47	48.11
28 46 13 31-0659	EA	Rate Of Rise And 200 Degree F Fixed Temperature Thermal Detector (Siemens DT-200R)	155.47	48.11
28 46 13 31-0660	EA	135 Degree F Fixed Temperature Thermal Detector (Siemens DT-135F)	155.47	48.11
28 46 13 31-0661	EA	200 Degree F Fixed Temperature Thermal Detector (Siemens DT-200F)	155.47	48.11
28 46 13 31-0662	EA	Weatherproof 135 Degree F Rate Compensation/Fixed Temperature Thermal Detector (Siemens DT-135WP)	246.15	48.11
28 46 13 31-0663	EA	Weatherproof 200 Degree F Rate Compensation/Fixed Temperature Thermal Detector (Siemens DT-200WP)	246.15	48.11
28 46 13 31-0664	EA	Explosion Proof 190 Degree F Rate Compensation/Fixed Temperature Thermal Detector (Siemens DT-190EP)	612.53	48.11
28 46 13 31-0665		**Beam Smoke Detector** *(28 46 13 31-0656)*		
28 46 13 31-0666	EA	Linear Beam Smoke Detector (Siemens PBA-1191)	2,907.93	48.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0667	EA	Base For Linear Beam Smoke Detector (Siemens PBB-1191)	331.95	16.03
28 46 13 31-0668	EA	20cm x 20cm Flat Reflector For Linear Beam Smoke Detector (Siemens PBR-1192)	335.58	16.03
28 46 13 31-0669	EA	10cm x 10cm Flat Reflector For Linear Beam Smoke Detector (Siemens PBR-1193)	171.13	16.03
28 46 13 31-0670		**Bases For Detectors** *(28 46 13 31-0656)*		
28 46 13 31-0671	EA	Detector Base (Siemens DB-11)	50.22	16.03
28 46 13 31-0672	EA	Universal Base (Siemens DB-3S)	46.59	16.03
28 46 13 31-0673		**Manual Stations** *(28 46 13 31-0656)*		
28 46 13 31-0674	EA	Weatherproof Metal Manual Pull Station With Key (Siemens MSM-K-WP)	365.97	38.49
28 46 13 31-0675		**Addressable Devices** *(28 46 13 31-0535)*		
28 46 13 31-0676		**Intelligent Detectors And Devices For Firefinder XLS And FS-250** *(28 46 13 31-0675)*		
28 46 13 31-0677	EA	Addressable Fireprint Fire Detector (Siemens HFP-11)	304.19	48.11
28 46 13 31-0678	EA	Addressable Thermal Fire Detector (Siemens HFPT-11)	261.87	48.11
28 46 13 31-0679	EA	Relay Base For H-Series Intelligent Detectors (Siemens DB-HR)	212.30	48.11
28 46 13 31-0680	EA	Ceiling Mounted Remote Alarm Indicator (Siemens RL-HC)	140.96	48.11
28 46 13 31-0681	EA	Wall Mounted Remote Alarm Indicator (Siemens RL-HW)	140.96	48.11
28 46 13 31-0682	EA	Addressable Single Action Manual Pull Station (Siemens HMS-S)	319.27	32.08
28 46 13 31-0683	EA	Addressable Double Action Manual Pull Station (Siemens HMS-D)	304.76	32.08
28 46 13 31-0684	EA	Single Input Intelligent Initiating Devices Interface Module (Siemens HTRI-S)	240.68	32.08
28 46 13 31-0685	EA	Dual Input Intelligent Initiating Devices Interface Module (Siemens HTRI-D)	295.09	32.08
28 46 13 31-0686	EA	Single Input Intelligent Initiating Devices Interface Module With Relay (Siemens HTRI-R)	295.09	32.08
28 46 13 31-0687	EA	Mini Single Input Intelligent Initiating Devices Interface Module (Siemens HTRI-M)	222.54	32.08
28 46 13 31-0688	EA	Line Isolator Module (Siemens HLIM)	229.79	32.08
28 46 13 31-0689	EA	Remote Convention Zone Module (Siemens HZM)	341.04	32.08
28 46 13 31-0690	EA	Intelligent Control Point Module (Siemens HCP)	432.93	32.08
28 46 13 31-0691	EA	Handheld Programming And Testing Unit (Siemens DPU)	1,918.35	
28 46 13 31-0692	EA	DPU Carrying Case (Siemens DPU-C1)	294.93	
28 46 13 31-0693	EA	Label Printer And Carrying Case (Siemens DPU-PRT)	3,285.32	32.08
28 46 13 31-0694		**Air Duct Housings And Detectors** *(28 46 13 31-0675)*		
28 46 13 31-0695	EA	Air-Duct Housing (Siemens AD2-P)	349.98	25.66
28 46 13 31-0696	EA	Air-Duct Housing With Relay (Siemens AD2-XHR)	395.93	25.66
28 46 13 31-0697	EA	Weatherproof Enclosure For Duct Housing (Siemens WP-2000)	316.85	32.08
28 46 13 31-0698	EA	6" To 1' Duct Sampling Tube (Siemens ST-10)	43.42	9.62
28 46 13 31-0699	EA	>1' To 3' Duct Sampling Tube (Siemens ST-25)	53.47	12.83
28 46 13 31-0700	EA	>3' To 5' Duct Sampling Tube (Siemens ST-50)	67.15	16.03
28 46 13 31-0701	EA	>5' To 10' Duct Sampling Tube (Siemens ST-100)	78.39	19.24
28 46 13 31-0702		**Intelligent Initiating Devices For MXL, MXL-LQ And MXLV** *(28 46 13 31-0675)*		
28 46 13 31-0703	EA	Addressable Fireprint Fire Detector (Siemens FP-11)	317.49	48.11
28 46 13 31-0704	EA	Addressable Thermal Fire Detector (Siemens FPT-11)	272.76	48.11
28 46 13 31-0705	EA	Intelligent Ionization Smoke Detector (Siemens ILI-1)	351.35	48.11
28 46 13 31-0706	EA	Addressable Single Action Manual Pull Station (Siemens MSI-10B)	310.81	32.08
28 46 13 31-0707	EA	Addressable Double Action Manual Pull Station (Siemens MSI-20B)	343.45	32.08
28 46 13 31-0708	EA	Single Input Intelligent Initiating Devices Interface Module (Siemens TRI-S)	314.43	32.08
28 46 13 31-0709	EA	Dual Input Intelligent Initiating Devices Interface Module (Siemens TRI-D)	348.29	32.08
28 46 13 31-0710	EA	Single Input Intelligent Initiating Devices Interface Module With Relay (Siemens TRI-R)	348.29	32.08
28 46 13 31-0711		**Detector Universal Bases** *(28 46 13 31-0675)*		
28 46 13 31-0712	EA	Detector Base With Relay (Siemens DB-X11RS)	146.95	16.03
28 46 13 31-0713	EA	PE-11 To DB-3 Base Adapter (Siemens DB-ADPT)	74.40	16.03
28 46 13 31-0714	EA	Locking Kit (Siemens LK-11)	13.80	
28 46 13 31-0715	EA	Detector Base With Relay (Siemens DB-X3RS)	146.95	16.03
28 46 13 31-0716	EA	Audible Base For Addressable Fireprint Fire Detector (Siemens ADBX-11)	171.13	16.03
28 46 13 31-0717	EA	Retrofit Adapter Box For Audible Bases Ionization Detector Air Duct (Siemens ADB-BOX)	70.77	16.03
28 46 13 31-0718	EA	Flush Trim Ring For Bases (Siemens RA-ADB)	33.75	9.62
28 46 13 31-0719	EA	Seal For DB-11 (Siemens DB11-SEAL)	16.71	
28 46 13 31-0720	EA	Gasket For DB-11 (Siemens DB-SEAL)	18.30	
28 46 13 31-0721	EA	Detector Guard Housing (Siemens DGH-11)	215.87	16.03
28 46 13 31-0722	EA	Small Detector Base (Siemens DB-11E)	55.05	16.03
28 46 13 31-0723	EA	Audible Base For Series 3 (Siemens ADBI-60A)	192.90	16.03
28 46 13 31-0724	EA	Base Plug (Siemens DB-11-DP)	13.75	
28 46 13 31-0725		**Air Duct Smoke Detectors** *(28 46 13 31-0675)*		
28 46 13 31-0726	EA	Intelligent Remote Duct Relay Module (Siemens DA-X3SR)	162.08	32.08
28 46 13 31-0727	EA	Weatherproof Enclosure For Duct Housing (Siemens EAD-3)	846.46	32.08
28 46 13 31-0728		**Notification Devices** *(28 46 13 31-0535)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0729		**Synchronization Control Devices** *(28 46 13 31-0728)*		
28 46 13 31-0730	EA	Dual Synchronization Control Module (Siemens DSC)	240.68	32.08
28 46 13 31-0731		**Stand-Alone Strobes** *(28 46 13 31-0728)*		
28 46 13 31-0732	EA	Wall Mounted Multi-Candela Strobe (Siemens ZR-MC-R)	199.00	48.11
28 46 13 31-0733	EA	Wall Mounted High, Multi-Candela Strobe (Siemens ZR-HMC-R)	217.14	48.11
28 46 13 31-0734	EA	Ceiling Mounted Multi-Candela Strobe (Siemens ZR-MC-CR)	199.00	48.11
28 46 13 31-0735	EA	Ceiling Mounted High, Multi-Candela Strobe (Siemens ZR-HMC-CR)	217.14	48.11
28 46 13 31-0736	EA	Ceiling Mounted High Multi-Candela Strobe (Siemens ST-HMC-CW)	217.14	48.11
28 46 13 31-0737	EA	Ceiling Mounted Multi-Candela Strobe (Siemens ST-MC-CW)	199.00	48.11
28 46 13 31-0738	EA	Retrofit Plate Multi-Candela Strobe (Siemens ST-MC-RETRO-R)	230.44	48.11
28 46 13 31-0739	EA	Weatherproof Ceiling Mounted Strobe (Siemens ST-75-CR-WP)	220.76	48.11
28 46 13 31-0740	EA	Weatherproof Wall Mounted Strobe (Siemens ST-75-R-WP)	220.76	48.11
28 46 13 31-0741	EA	Weatherproof Ceiling Mounted High Multi-Candela Strobe (Siemens ST-HMC-CR-WP)	236.48	48.11
28 46 13 31-0742	EA	Weatherproof Wall Mounted High Multi-Candela Strobe (Siemens ST-HMC-R-WP)	236.48	48.11
28 46 13 31-0743		**Horns And Strobes** *(28 46 13 31-0728)*		
28 46 13 31-0744	EA	Wall Mounted Multi-Candela Horn/Strobe (Siemens SE-MC-R)	270.34	48.11
28 46 13 31-0745	EA	Wall Mounted High Multi-Candela Horn/Strobe (Siemens SE-HMC-R)	286.06	48.11
28 46 13 31-0746	EA	Wall Mounted Horn (Siemens SE-R)	155.47	48.11
28 46 13 31-0747	EA	Ceiling Mounted Multi-Candela Horn/Strobe (Siemens SE-MC-CR)	270.34	48.11
28 46 13 31-0748	EA	Ceiling Mounted High Multi-Candela Horn/Strobe (Siemens SE-HMC-CR)	286.06	48.11
28 46 13 31-0749	EA	Ceiling Mounted Horn (Siemens SEC-R)	162.72	48.11
28 46 13 31-0750	EA	Wall Mounted Low Profile Multi-Candela Horn/Strobe (Siemens SEF-MC-R)	270.34	48.11
28 46 13 31-0751	EA	Wall Mounted Low Profile High Multi-Candela Horn/Strobe (Siemens SEF-HMC-R)	286.06	48.11
28 46 13 31-0752	EA	Wall Mounted Low Profile Horn (Siemens SEF-R)	155.47	48.11
28 46 13 31-0753	EA	Ceiling Mounted Low Profile Multi-Candela Horn/Strobe (Siemens SEF-MC-CW)	270.34	48.11
28 46 13 31-0754	EA	Ceiling Mounted Low Profile High Multi-Candela Horn/Strobe (Siemens SEF-HMC-CW)	286.06	48.11
28 46 13 31-0755	EA	Ceiling Mounted Low Profile Horn (Siemens SEF-CR)	162.72	48.11
28 46 13 31-0756	EA	Mini Horn (Siemens MH-R)	128.87	48.11
28 46 13 31-0757	EA	Indoor/Outdoor Multi Tone Horn (Siemens MTH-R)	165.14	48.11
28 46 13 31-0758	EA	Indoor/Outdoor Multi Tone, Multi-Candela Horn/Strobe (Siemens MTH-MC-R)	254.62	48.11
28 46 13 31-0759	EA	Industrial Tri-Tone Horn (Siemens ASR)	731.02	48.11
28 46 13 31-0760	EA	Wall Mounted Horn (Siemens HS-R)	165.14	48.11
28 46 13 31-0761	EA	Wall Mounted Multi-Candela Horn/Strobe (Siemens HS-MC-R)	255.83	48.11
28 46 13 31-0762	EA	Wall Mounted High Multi-Candela Horn/Strobe (Siemens HS-HMC-R)	275.17	48.11
28 46 13 31-0763	EA	6" Motor Bell (Siemens MBDC-6)	189.32	48.11
28 46 13 31-0764	EA	10" Motor Bell (Siemens MBDC-10)	207.46	48.11
28 46 13 31-0765		**Mounting Accessories** *(28 46 13 31-0728)*		
28 46 13 31-0766	EA	Concealed Conduit Adapter Plate (Siemens APS-R)	46.59	16.03
28 46 13 31-0767	EA	4" x 1-1/2" Surface Mounted Back Box (Siemens BBS-R)	46.59	16.03
28 46 13 31-0768	EA	4" x 2-1/8" Surface Mounted Back Box (Siemens DBBS-R)	47.80	16.03
28 46 13 31-0769	EA	Red Weatherproof Surface Mount Back Box (Siemens MT-SUR-BOX)	76.82	16.03
28 46 13 31-0770	EA	White Weatherproof Surface Mount Back Box (Siemens MT-SUR-BOX-W)	61.10	16.03
28 46 13 31-0771	EA	Surface Mounted Speaker Back Box (Siemens SBBS-R)	64.73	16.03
28 46 13 31-0772	EA	Surface Mounted Speaker Back Box (Siemens SBL2S-R)	69.56	16.03
28 46 13 31-0773	EA	Square Semi-Flush Extension Ring (Siemens SERS-R)	55.05	16.03
28 46 13 31-0774	EA	Semi-Flush Plate (Siemens SFPS-R)	45.38	16.03
28 46 13 31-0775	EA	Square Surface Back Box (Siemens SHBBS-R)	55.05	16.03
28 46 13 31-0776	EA	Horn Adapter Plate (Siemens SHMPS-R)	52.64	16.03
28 46 13 31-0777	EA	Ceiling Speaker Extension Ring (Siemens SPEXT-R)	46.59	16.03
28 46 13 31-0778	EA	Wall Mounted Surface Mounted Speaker Back Box (Siemens SPSB-R)	61.10	16.03
28 46 13 31-0779	EA	Wall Mounted Surface Mounted Speaker/Strobe Back Box (Siemens SPSSB-R)	64.73	16.03
28 46 13 31-0780	EA	Weatherproof Speaker Back Box (Siemens WBBS-R)	62.31	16.03
28 46 13 31-0781	EA	Weatherproof Speaker Back Box With 3/4" Knockout (Siemens WBBS-R-3/4T-3/4B)	69.56	16.03
28 46 13 31-0782	EA	Weatherproof Flush Plate (Siemens WFPAS-R)	69.56	16.03
28 46 13 31-0783	EA	Weatherproof Horn Flush Plate (Siemens WFPS-R)	69.56	16.03
28 46 13 31-0784	EA	Weatherproof Horn Back Box (Siemens WPBBS-R)	64.73	16.03
28 46 13 31-0785	EA	Weatherproof Strobe Back Box (Siemens WPSBBS-R)	64.73	16.03
28 46 13 31-0786	EA	Surface Mounted Weatherproof Back Box Kit (Siemens WPS-KIT)	46.59	16.03
28 46 13 31-0787	EA	Z Series Back Box (Siemens ZBB-R)	52.64	16.03
28 46 13 31-0788		**Door Holders** *(28 46 13 31-0728)*		
28 46 13 31-0789	EA	120 Volt AC Concealed Wiring Fire Door Holder (Siemens SDH-2A)	408.18	48.11
28 46 13 31-0790	EA	24 Volt DC Concealed Wiring Fire Door Holder (Siemens SDH-2D)	408.18	48.11
28 46 13 31-0791		**Voice Equipment** *(28 46 13 31-0535)*		
28 46 13 31-0792		**Voicecom** *(28 46 13 31-0791)*		
28 46 13 31-0793	EA	Emergency Voice Alarm Communication System, 3.5 Amp Power Supply And Battery Charger, 50W Amplifier, Battery Cables, Main Control Board With One Speaker Circuit, Paging Microphone And Enclosure With Deadfront And Space For Five Modules (Siemens VOICECOM)	6,258.61	641.48

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0794	EA	Emergency Voice Alarm Communication System, 3.5 Amp Power Supply And Battery Charger, Two 50W Amplifier, Battery Cables, Main Control Board With One Speaker Circuit, Paging Microphone, Enclosure With Deadfront And Space For 11 Modules, Auxiliary Power Supply, Four PS-AUX Strobe Zone Cables And One AM-25-50 Speaker Zone Cables (Siemens VOICECOM-L)	9,946.52	641.48
28 46 13 31-0795		**Johnson Controls Fire Alarm** *(28 46 13 31)*		
28 46 13 31-0796	EA	Intelligent Addressable ION Detector; With FlashScan. (Johnson Controls, Inc. #1951J)	237.16	48.11
28 46 13 31-0797	EA	Intelligent Addressable Photo Detector; With FlashScan. (Johnson Controls, Inc. #2951J)	234.54	48.11
28 46 13 31-0798	EA	Intelligent Addressable Photo/Thermal Detector; With FlashScan. (Johnson Controls, Inc. #2951TJ)	294.58	48.11
28 46 13 31-0799	EA	Acclimate™ Intelligent Photo Thermal Detector; With FlashScan. (Johnson Controls, Inc. #2951TMJ)	293.74	48.11
28 46 13 31-0800	EA	411UD, 4 Channel Dual. (Johnson Controls, Inc. #411UD)	817.48	64.14
28 46 13 31-0801	EA	Intelligent Addressable High Temperature Heat Detector; With FlashScan. (Johnson Controls, Inc. #5951HJ)	223.78	48.11
28 46 13 31-0802	EA	Intelligent Addressable High Temperature Heat Detector; With FlashScan. (Johnson Controls, Inc. #5951J)	198.94	48.11
28 46 13 31-0803	EA	Intelligent Addressable Rate-of-Rise Thermal Detector; With FlashScan. (Johnson Controls, Inc. #5951RJ)	193.67	48.11
28 46 13 31-0804	EA	Intelligent Addressable Laser Detector; Low Profile, Use With IFC Series Panels Only. (Johnson Controls, Inc. #7351J)	598.55	48.11
28 46 13 31-0805	EA	100 Watts Audio Amplifier At 70.7 VRMS With Built-in Tone Generator, 120 Volt AC (Johnson Controls, Inc. #AA-100)	2,931.10	96.22
28 46 13 31-0806	EA	AUDIO Amplifier, 100 Watts, 230 Voltage AC (Johnson Controls, Inc. #AA-100E)	2,839.52	96.22
28 46 13 31-0807	EA	120 Watts Audio Amplifier At 25 VRMS With Built-in Tone Generator, 120 Voltage AC (Johnson Controls, Inc. #AA-120)	2,888.93	96.22
28 46 13 31-0808	EA	AUDIO Amplifier, 120 Watts, 230 Voltage AC (Johnson Controls, Inc. #AA-120E)	2,765.57	96.22
28 46 13 31-0809	EA	30 Watts Audio Amplifier At 25 VRMS, 120 Voltage AC (Johnson Controls, Inc. #AA-30)	1,340.39	96.22
28 46 13 31-0810	EA	AUDIO Amplifier, 30 Watts, 230 Voltage AC (Johnson Controls, Inc. #AA-30E)	1,340.39	96.22
28 46 13 31-0811	EA	Annunciator Control Module With; 16 Red Alarm LED's, 16 Yellow Trouble LED's, And 16 Control Switches, On-line, System Trouble Led, And Local Sounder, Local Acknowledge And Lamp Test Switch, Supports 1, 2 Or 3 AEM-16AT Expander Modules. (Johnson Controls, Inc. #ACM-16AT)	1,350.72	32.08
28 46 13 31-0812	EA	IFC Series ACS Annunciator; Up To 96 Points Of Annunciation With Alarm Or Active LED, Trouble LED And Switch Per Circuit. Active/Alarm LEDs Can Be Programmed (By Powered Up Switch Selection) By Point To Be Red, Green Or Yellow And The Trouble LED Is Always Yellow. Expandable With One, Two Or Three AEM-24AT's. (Johnson Controls, Inc. #ACM-24AT)	1,405.09	32.08
28 46 13 31-0813	EA	Annunciator Control Module; Includes 32 Red Alarm LED's, System Trouble LED And On-line LED, Local Acknowledge, Lamp Test Switch, And Local Piezo Sounder, Supports One AEM-32A Expander Module. (Johnson Controls, Inc. #ACM-32A)	1,030.92	32.08
28 46 13 31-0814	EA	IFC Series ACS Annunciator; Up To 96 Points Of Annunciation With Alarm Or Active LED Per Circuit. Active/Alarm LEDs Can Be Programmed (By Powered Up Switch Selection) In Groups Of 24 To Be Red, Green Or Yellow. Expandable To 96 Points With One AEM-48A. (Johnson Controls, Inc. #ACM-48A)	1,030.92	32.08
28 46 13 31-0815	EA	Annunciator, Relay, Form C. (Johnson Controls, Inc. #ACM-8R)	725.93	32.08
28 46 13 31-0816	EA	Charger Power Supply - 6 Or 10 Amperes; Mounts In CAB-PS1, CAB-3/4, EQ Cabx, BB-25, Or CHS-PS1; Comes With The PK-PPS Programming Utility. Windows® PC And USB Cable Required For Programming. (Johnson Controls, Inc. #ACPS-610)	2,346.51	64.14
28 46 13 31-0817	EA	Annunciator Expander Module With: 16 Red Alarm LED's, 16 Yellow Trouble LED's, 16 Control Switches, Cable For Connection To The ACM-16AT Master. (Johnson Controls, Inc. #AEM-16AT)	1,030.92	32.08
28 46 13 31-0818	EA	Annunciator Expander Module; 24 Alarm And Trouble LEDs, Expands The ACM-24AT To 48, 72 Or 96 Points. (Johnson Controls, Inc. #AEM-24AT)	1,071.79	32.08
28 46 13 31-0819	EA	Annunciator Expander Module With: 32 Red Alarm LED's, Cable For Connection To The ACM-32A Master. (Johnson Controls, Inc. #AEM-32A)	923.68	32.08
28 46 13 31-0820	EA	Annunciator Expander Module; 48 Alarm LEDs, Expands The ACM-48A To 96 Points. (Johnson Controls, Inc. #AEM-48A)	923.68	32.08
28 46 13 31-0821	EA	Back Box, Flush Or Surface Mount; Requires A Door And Telephone Chassis. (Johnson Controls, Inc. #AFAWS-BX)	152.00	28.87
28 46 13 31-0822	EA	Receiver, Multimode Fiber. (Johnson Controls, Inc. #AFL-RM)	1,411.19	64.14
28 46 13 31-0823	EA	Receiver, Singlemode Fiber. (Johnson Controls, Inc. #AFL-RS)	3,085.92	64.14
28 46 13 31-0824	EA	Transmit, Multimode Fiber. (Johnson Controls, Inc. #AFL-TM)	1,411.19	64.14
28 46 13 31-0825	EA	Transmit, Singlemode Fiber. (Johnson Controls, Inc. #AFL-TS)	3,085.92	64.14
28 46 13 31-0826	EA	Base, Smoke Detector, 2 Wire. (Johnson Controls, Inc. #B110LP)	54.26	16.03
28 46 13 31-0827	EA	Base, Smoke Detector, Intelligent. (Johnson Controls, Inc. #B224BI)	149.67	16.03
28 46 13 31-0828	EA	Base, Smoke Detector, Intelligent. (Johnson Controls, Inc. #B224RB)	141.04	16.03
28 46 13 31-0829	EA	Base, Smoke Detector, 2 Wire. (Johnson Controls, Inc. #B401)	57.94	16.03
28 46 13 31-0830	EA	Intelligent Detector Base, Without Flange. (Johnson Controls, Inc. #B501J)	51.82	16.03
28 46 13 31-0831	EA	Battery Cabinet, Lockable. (Johnson Controls, Inc. #BB-100)	1,026.77	64.14
28 46 13 31-0832	EA	Projected Beam Smoke Detector, Single-ended Reflected Type, Includes Trouble Relay, Transmitter/Receiver In One Unit. (Johnson Controls, Inc. #Beam1224)	2,410.65	96.22
28 46 13 31-0833	EA	Same As Beam1224 With Built-in Sensitivity Test Filter. (Johnson Controls, Inc. #Beam1224S)	2,549.30	96.22
28 46 13 31-0834	EA	Mounting Kit, Long RG, Beam. (Johnson Controls, Inc. #BeamLRK)	281.63	16.03
28 46 13 31-0835	EA	Mounting Kit, Beam Detect. (Johnson Controls, Inc. #BeamMMK)	189.22	16.03
28 46 13 31-0836	EA	Digital Audio Amplifier, 50 Watts, 25 VRMS (Johnson Controls, Inc. #DAA-5025)	2,412.69	96.22
28 46 13 31-0837	EA	Digital Audio Amplifier, 50 Watts, 25 VRMS, Multi-Fiber (Johnson Controls, Inc. #DAA-5025F)	2,225.80	96.22
28 46 13 31-0838	EA	Digital Audio Amplifier, 50 Watts, 25 VRMS, Single-Fiber (Johnson Controls, Inc. #DAA-5025SF)	2,225.80	96.22
28 46 13 31-0839	EA	Digital Audio Amplifier, 50 Watts, 70 VRMS (Johnson Controls, Inc. #DAA-5070)	2,614.58	96.22
28 46 13 31-0840	EA	Amplifier, Digital Audio. (Johnson Controls, Inc. #DAA-5070E)	2,410.65	96.22
28 46 13 31-0841	EA	Digital Audio Amplifier, 50 Watts, 70 VRMS, Multi-Fiber (Johnson Controls, Inc. #DAA-5070F)	2,410.65	96.22
28 46 13 31-0842	EA	Digital Audio Amplifier, 50 Watts, 70 VRMS, Single-Fiber (Johnson Controls, Inc. #DAA-5070SF)	2,410.65	96.22
28 46 13 31-0843	EA	Digital Audio Amplifier, 75 Watts, 25 VRMS (Johnson Controls, Inc. #DAA-7525)	2,885.98	96.22
28 46 13 31-0844	EA	Digital Audio Amplifier, 75 Watts, 25 VRMS, Multi Fiber (Johnson Controls, Inc. #DAA-7525F)	2,885.98	96.22
28 46 13 31-0845	EA	Digital Audio Amplifier, 75 Watts, 25 VRMS, Single Fiber (Johnson Controls, Inc. #DAA-7525SF)	2,885.98	96.22
28 46 13 31-0846	EA	Innovairflex Intelligent. (Johnson Controls, Inc. #DNR)	297.18	32.08
28 46 13 31-0847	EA	Innovairflex Duct Detect. (Johnson Controls, Inc. #DNRW)	458.81	32.08
28 46 13 31-0848	EA	Innovairflex Sample Tube. (Johnson Controls, Inc. #DST1)	40.39	12.83
28 46 13 31-0849	EA	Innovairflex Sample Tube. (Johnson Controls, Inc. #DST1.5)	44.19	12.83
28 46 13 31-0850	EA	Innovairflex Sample Tube. (Johnson Controls, Inc. #DST10)	109.59	19.24
28 46 13 31-0851	EA	Innovairflex Sample Tube. (Johnson Controls, Inc. #DST3)	52.71	12.83

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0852	EA	Innovairflex Sample Tube. (Johnson Controls, Inc. #DST5)	65.07	16.03
28 46 13 31-0853	EA	Digital Voice Command, Analog Output. (Johnson Controls, Inc. #DVC-AO)	461.55	32.08
28 46 13 31-0854	EA	Digital Voice Command, Keypad. (Johnson Controls, Inc. #DVC-KD)	766.06	64.14
28 46 13 31-0855	EA	Equipment Cabinet Used To House DAA Digital Amplifiers, XP10/6 Series Transponders, AA-Amplifiers, ACPS-610 Or Amperes-24; B Size, Black. (Johnson Controls, Inc. #EQBB-B4)	630.84	96.22
28 46 13 31-0856	EA	Equipment Cabinet Used To House DAA Digital Amplifiers, XP10/6 Series Transponders, AA-Amplifiers, ACPS-610 Or Amperes-24; C Size, Black. (Johnson Controls, Inc. #EQBB-C4)	879.77	96.22
28 46 13 31-0857	EA	Equipment Cabinet Used To House DAA Digital Amplifiers, XP10/6 Series Transponders, AA-Amplifiers, ACPS-610 Or AMPS-24; D Size, Black. (Johnson Controls, Inc. #EQBB-D4)	962.95	96.22
28 46 13 31-0858	EA	Equipment Cabinet Door; B Size Black. (Johnson Controls, Inc. #EQDR-B4)	514.21	12.83
28 46 13 31-0859	EA	Equipment Cabinet Door; C Size Black. (Johnson Controls, Inc. #EQDR-C4)	776.13	12.83
28 46 13 31-0860	EA	Equipment Cabinet Door; D Size Black. (Johnson Controls, Inc. #EQDR-D4)	853.17	12.83
28 46 13 31-0861	EA	6.0 Amperes, 120 Volt AC Remote Charger Power Supply (Johnson Controls, Inc. #FCPS-24S6) Note: Includes Main Printed Circuit Board, Transformers And Installation Instructions	1,016.51	128.30
28 46 13 31-0862	EA	8 Amperes, 120 Volt AC Remote Charger Power Supply (Johnson Controls, Inc. #FCPS-24S8) Note: Includes Main Printed Circuit Board, Transformers And Installation Instructions	1,339.20	128.30
28 46 13 31-0863	EA	80 Character Display Annunciator. "Security Keypad" Mechanical Design. For Use With The IFC-320, JCPU2-640, JCPU-640 And IFC-400/300 (Rev 3.62+) Only. (Johnson Controls, Inc. #FDU-80G)	1,273.84	96.22
28 46 13 31-0864	EA	Fireman's Telephone Hand Set. (Johnson Controls, Inc. #FHS)	235.42	16.03
28 46 13 31-0865	EA	Fire Phone Storage Cabinet, Recessed, Holds 6 Phones. (Johnson Controls, Inc. #FHSC-R)	668.61	32.08
28 46 13 31-0866	EA	Door Holder, Magnetic, Floor. (Johnson Controls, Inc. #FM980)	349.30	48.11
28 46 13 31-0867	EA	Door Holder, Magnetic, Wall. (Johnson Controls, Inc. #FM996)	283.74	48.11
28 46 13 31-0868	EA	Door Holder, Magnetic, Wall. (Johnson Controls, Inc. #FM998)	298.66	48.11
28 46 13 31-0869	EA	Addressable Beam Detector. (Johnson Controls, Inc. #FSB-200)	2,460.53	64.14
28 46 13 31-0870	EA	Addressable Beam Detector With Remote Test Feature. (Johnson Controls, Inc. #FSB-200S)	3,007.60	64.14
28 46 13 31-0871	EA	Intelligent Addressable HARSH (Hostile Area Smoke Head) Detector; Photo, Requires B501B-FTXJ Base. (Johnson Controls, Inc. #FTX-P2J)	906.93	32.08
28 46 13 31-0872	EA	IFC-320 Intelligent Fire Alarm Panel; Single Printed Circuit Board With One SLC Loop (318 Devices), Back-lit, 80 Character Display, System And Programming Keypad And 6.0 Amperes Power Supply, 120 Volt AC, (Johnson Controls, Inc. #IFC-320) Note: Includes Door, Dress Panel And Back Box, Black	6,132.51	513.18
28 46 13 31-0873	EA	Upgrade Kit, ORG BLD, 640. (Johnson Controls, Inc. #IFC-640UG)	3,034.16	64.14
28 46 13 31-0874	EA	Workstation Only Workstation GUI Software And Hardware Package. (Johnson Controls, Inc. #IFI)	40,049.37	769.78
28 46 13 31-0875	EA	Workstation With NFN Fiber PC Card Workstation GUI Software And Hardware Package. Includes NFN Gateway (JNFN-GW-PC-F) Fiber Version. (Johnson Controls, Inc. #IFI-F)	43,746.39	769.78
28 46 13 31-0876	EA	Workstation With Echelon Wire PC Card Workstation GUI Software And Hardware Package For Building Systems Integration, WSSUP Workstation Supervisor. Includes Echelon® Gateway (ECH-GW-PC-W) Wire Version. (Johnson Controls, Inc. #IFI-IP)	49,291.93	769.78
28 46 13 31-0877	EA	Workstation With NFN Wire PC Card Workstation GUI Software And Hardware Package. Includes NFN Gateway (JNFN-GW-PC-W) Wire Version. (Johnson Controls, Inc. #IFI-W)	43,746.39	769.78
28 46 13 31-0878	EA	Annunciator Flush Box. Mounts One Annunciator Module. (Johnson Controls, Inc. #JABF-1B)	293.59	19.24
28 46 13 31-0879	EA	Annunciator Flush Box. One Module. Attractive Glass Door And Key Lock. (Johnson Controls, Inc. #JABF-1DB)	330.56	19.24
28 46 13 31-0880	EA	Annunciator Flush Box. Mounts Two Annunciator Modules. (Johnson Controls, Inc. #JABF-2B)	360.14	19.24
28 46 13 31-0881	EA	Annunciator Flush Box. Mounts Four Annunciator Modules. (Johnson Controls, Inc. #JABF-4B)	674.39	19.24
28 46 13 31-0882	EA	Annunciator Surface Box. Deep With Trim Cover. (Johnson Controls, Inc. #JABS-1TB)	217.89	12.83
28 46 13 31-0883	EA	Surface (or Semi-flush) Mount Back Box (Johnson Controls, Inc. #JABS-2D) Note: Used With The INA, ACS Annunciators, SCS Series, JNCA And JNCA-2 Black.	339.32	28.87
28 46 13 31-0884	EA	Surface (or Semi-flush) Mount Back Box (Johnson Controls, Inc. #JABS-2DR) Note: Used With The INA, ACS Annunciators, SCS Series, JNCA And JNCA-2 Red.	360.52	28.87
28 46 13 31-0885	EA	Surface (or Semi-flush) Mount INA, ACS, Or SCS Back Box, Black. (Johnson Controls, Inc. #JABS-4D)	664.03	28.87
28 46 13 31-0886	EA	Audio Command Door For CAB-B4, Black; Required When Using CA-2. (Johnson Controls, Inc. #JADDR-B4)	663.42	12.83
28 46 13 31-0887	EA	Audio Command Door For CAB-C4, Black; Required When Using CA-2. (Johnson Controls, Inc. #JADDR-C4)	894.48	12.83
28 46 13 31-0888	EA	Audio Command Door For CAB-D4, Black; Required When Using CA-2. (Johnson Controls, Inc. #JADDR-D4)	1,107.06	12.83
28 46 13 31-0889	EA	Addressable Pull Station; With FlashScan. (Johnson Controls, Inc. #JBG-12LX)	309.38	32.08
28 46 13 31-0890	EA	Battery Dress Panel For CAB-4 Series; For Use With The JCPU2-3030, JCPU2-640, JNCA-2, And DVC Systems. (Johnson Controls, Inc. #JBP2-4)	144.54	12.83
28 46 13 31-0891	EA	JCPU2-3030 CPU With 640-character Display; Required For Single Panel (One CPU2-3030) Systems. Includes: CPU, 640-Character Backlit LCD Display, QWERTY Programming And Control Keypad, Installation, Programming And Operating Manuals. Supports One To 10 Signaling Line Circuits (Up To Five LCM-320 And Five LEM-320). Order One Per System Or As Necessary (Up To 103 Network Nodes) For A Networked System. Requires Top Row Of A Cabinet. (Johnson Controls, Inc. #JCPU2-3030D)	6,118.52	513.18
28 46 13 31-0892	EA	Central Processing Unit For The JCPU2-640 With Integral 120 Volt AC Power Supply (Johnson Controls, Inc. #JCPU2-640) Note: Includes CHS2-M2 Chassis	4,416.16	384.88
28 46 13 31-0893	EA	Main Board, CPU, IFC3030, DI. (Johnson Controls, Inc. #JCPU-3030D)	7,953.73	513.18
28 46 13 31-0894	EA	Main Board, CPU, IFC640. (Johnson Controls, Inc. #JCPU-640)	7,646.39	384.88
28 46 13 31-0895	EA	Main Board, CPU, IFC640, EUR. (Johnson Controls, Inc. #JCPU-640E)	5,502.50	384.88
28 46 13 31-0896	EA	Digital Voice Command, Extended Memory. (Johnson Controls, Inc. #JDVC-EM)	3,022.99	48.11
28 46 13 31-0897	EA	Digital Voice Command, Extended Memory, Multi-Fiber. (Johnson Controls, Inc. #JDVC-EMF)	3,053.84	48.11
28 46 13 31-0898	EA	Digital Voice Command, Extended Memory, Single-Fiber. (Johnson Controls, Inc. #JDVC-EMSF)	3,053.84	48.11
28 46 13 31-0899	EA	Annunciator, Network Control. (Johnson Controls, Inc. #JNCA)	3,613.70	64.14
28 46 13 31-0900	EA	Network Control Annunciator-2, 640-characters; On Single Panel (one JCPU2-640) JCPU2-640 Systems, The JNCA-2 Can Be The Primary Display For The Panel And Connects Directly To The JCPU2-640. On Network Systems (Two Or More JCPU2-640's), One Network Display (Either JNCA-2 Or IFW) Is Required For Every System And Each JNCA-2 Connects To And Requires An NCM Network Control Module. Mounts In A Row Of FACP Node Or In Two Annunciator Module Positions. (Johnson Controls, Inc. #JNCA-2) Note: Mounting Includes: NCA/640-2-Kit (directly Mounting To The CHS2-M2), CA-2, ADP-4B, Or In An Annunciator Box, Such As The ABS-2DB (requires The CHS-2D).	3,061.89	64.14
28 46 13 31-0901	EA	Mass Notification Voice Paging; Requires JNOTIFY-PAA Hardware Package (Sold Separately). (Johnson Controls, Inc. #JNOTIFY-IP)	2,618.30	384.88
28 46 13 31-0902	EA	160 Character Display Annunciator; For Use With JCPU-3030 And JCPU2-3030. (Johnson Controls, Inc. #LCD-160)	2,173.90	64.14
28 46 13 31-0903	EA	80 Character LCD Annunciator. Mounts In ABS-1T, ABF-1D, ABF-2D, Or Flush Back Box. (Johnson Controls, Inc. #LCD-80)	1,787.49	64.14

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0904	EA	Loop Control Module. Each LCM May Be Expanded To Two Loops By Adding A LEM-320. IFC2- 3030 And IFC-3030 Only. (Johnson Controls, Inc. #LCM-320)	2,879.60	64.14
28 46 13 31-0905	EA	Lamp Driver Annunciator Control Module. For Use With Custom Graphic Annunciators. 32 Points. (Johnson Controls, Inc. #LDM-32)	891.62	16.03
28 46 13 31-0906	EA	Cable 24": LDM TO Annunciator. (Johnson Controls, Inc. #LDM-CBL24)	286.28	12.83
28 46 13 31-0907	EA	Cable 48": LDM TO Annunciator. (Johnson Controls, Inc. #LDM-CBL48)	352.83	12.83
28 46 13 31-0908	EA	Lamp Driver Annunciator Expander Module. For Use With Custom Graphic Annunciators. 32 Points. (Johnson Controls, Inc. #LDM-E32)	717.90	16.03
28 46 13 31-0909	EA	Relay Module. 32 Form-A Contacts. Connects To LDM-32 Or LDM-E32. (Johnson Controls, Inc. #LDM-R32)	1,318.66	16.03
28 46 13 31-0910	EA	Loop Expander Module. Mounts As Daughter Board To LCM-320 To Provide Even Numbered SLC Loops. (Johnson Controls, Inc. #LEM-320)	2,390.36	16.03
28 46 13 31-0911	EA	Addressable Control Module With FlashScan; Configured For One Class A Or Class B NAC. (Johnson Controls, Inc. #M300CJ)	186.22	16.03
28 46 13 31-0912	EA	Addressable Dual Monitor Module; With FlashScan, Two Class B Circuits. (Johnson Controls, Inc. #M300DJ)	297.50	16.03
28 46 13 31-0913	EA	Addressable Monitor Module; With FlashScan; Supervises Either A Class A Or Class B Circuit Of N.D. Dry-contact Input Devices. (Johnson Controls, Inc. #M300MJ)	145.91	16.03
28 46 13 31-0914	EA	Addressable Relay Module With FlashScan; Provides Two Form-C Dry Contacts That Switch Together. (Johnson Controls, Inc. #M300RJ)	205.27	16.03
28 46 13 31-0915	EA	Addressable Mini Module With FlashScan; Supervises A Class B Circuit Of N.D. Dry-contact Devises. (Johnson Controls, Inc. #M301MJ)	161.50	16.03
28 46 13 31-0916	EA	Addressable 2-Wire Detector Monitor Module; With FlashScan. (Johnson Controls, Inc. #M302MJ)	264.17	16.03
28 46 13 31-0917	EA	Addressable Firephone Control Module With Flashscan. (Johnson Controls, Inc. #M500FPJ)	301.44	16.03
28 46 13 31-0918	EA	SLC Loop Isolator Module; Isolates Against Short Circuits On The SLC. (Johnson Controls, Inc. #M500XJ)	169.43	16.03
28 46 13 31-0919	EA	Network INTFC, P2P, Wire. (Johnson Controls, Inc. #MIB-W)	2,521.47	48.11
28 46 13 31-0920	EA	Network Adapter, Fiber. (Johnson Controls, Inc. #NAM-232F)	2,243.52	32.08
28 46 13 31-0921	EA	Network Adapter, Wire. (Johnson Controls, Inc. #NAM-232W)	2,073.46	32.08
28 46 13 31-0922	EA	Plate, Retrofit, NCA-2. (Johnson Controls, Inc. #NCA-2RETRO)	77.53	6.41
28 46 13 31-0923	EA	Network Control Module - Multi Mode Fiber; Order One NCM Per Network Node (JCPU-640/3030, JNCA, JCPU2-640/3030, JNCA-2, DVC, Etc). (Johnson Controls, Inc. #NCM-F)	1,813.59	32.08
28 46 13 31-0924	EA	Network Control Module - Wire; Order One NCM Per Network Node (JCPU-640/3030, JNCA, JCPU2-640/3030, JNCA-2, DVC, Etc). (Johnson Controls, Inc. #NCM-W)	1,726.83	32.08
28 46 13 31-0925	EA	NFV-25/50. (Johnson Controls, Inc. #NFV-25/50)	4,410.10	64.14
28 46 13 31-0926	EA	NU-RPT101-1U RS485. (Johnson Controls, Inc. #NU-RPT101-1U)	1,223.92	32.08
28 46 13 31-0927	EA	Key Switch, Remote Control. (Johnson Controls, Inc. #RKS-S)	334.34	12.83
28 46 13 31-0928	EA	Microphone Assembly For Mounting To An ADP-4 Dress Panel. (Johnson Controls, Inc. #RM-1)	772.14	32.08
28 46 13 31-0929	EA	Microphone Assembly For Mounting In An CAB-RM Cabinet. (Johnson Controls, Inc. #RM-1SA)	772.14	32.08
28 46 13 31-0930	EA	Remote Page Jack. Allows Remote All-Call Paging. (Johnson Controls, Inc. #RPJ-1)	206.83	12.83
28 46 13 31-0931	EA	SA-WBB, Weatherproof. (Johnson Controls, Inc. #SA-WBB)	54.63	6.41
28 46 13 31-0932	EA	SA-WBBC, Weatherproof. (Johnson Controls, Inc. #SA-WBBC)	54.63	6.41
28 46 13 31-0933	EA	Strobe, Standard, 12/24 Volt DC, Red (Johnson Controls, Inc. #SCR)	207.15	48.11
28 46 13 31-0934	EA	Strobe, HI, 12/24 Volt DC, Red (Johnson Controls, Inc. #SCRH)	233.01	48.11
28 46 13 31-0935	EA	Strobe, HI, Outdoor, Red. (Johnson Controls, Inc. #SCRHK)	275.42	54.52
28 46 13 31-0936	EA	Strobe, Standard, Outdoor, Red. (Johnson Controls, Inc. #SCRK)	271.71	54.52
28 46 13 31-0937	EA	Smoke Control Master; Includes Eight On/off/auto Switches. Supports One SCE-8. Includes Manual, Slide-in Labels. Mounts In ADP-4 Or ABS-4D. (Johnson Controls, Inc. #SCS-8)	1,844.48	128.30
28 46 13 31-0938	EA	Smoke Control Lamp Driver. Outputs For 8 On/off/auto Switches With LED's. Intended For Custom Built Smoke Control Stations. Support One SCE-8L. (Johnson Controls, Inc. #SCS-8L)	1,437.79	128.30
28 46 13 31-0939	EA	Strobe, Standard, 12/24 Volt DC, White (Johnson Controls, Inc. #SCW)	207.15	48.11
28 46 13 31-0940	EA	Strobe, HI, 12/24 Volt DC, Red (Johnson Controls, Inc. #SCWH)	233.01	48.11
28 46 13 31-0941	EA	Strobe, Standard, 12/24 Volt DC, White (Johnson Controls, Inc. #SCW-P)	207.15	48.11
28 46 13 31-0942	EA	Mounting Kit, M300/M500. (Johnson Controls, Inc. #SMB500)	37.40	12.83
28 46 13 31-0943	EA	SMK-MOV Kit-LON. (Johnson Controls, Inc. #SMK-MOVKit-LON)	42.50	6.41
28 46 13 31-0944	EA	SMK-MOV Kit-MSTP. (Johnson Controls, Inc. #SMK-MOVKit-MSTP)	48.44	6.41
28 46 13 31-0945	EA	SPBBS, Wall, Back Box. (Johnson Controls, Inc. #SPBBS)	42.55	6.41
28 46 13 31-0946	EA	Strobe, Standard, 12/24 Volt DC, Red (Johnson Controls, Inc. #SR)	189.31	48.11
28 46 13 31-0947	EA	Strobe, HI, 12/24 Volt DC, Red (Johnson Controls, Inc. #SRH)	233.01	48.11
28 46 13 31-0948	EA	Strobe, HI, Outdoor, Red. (Johnson Controls, Inc. #SRHK)	275.42	54.52
28 46 13 31-0949	EA	Strobe, HI, 12/24 Volt DC, Red (Johnson Controls, Inc. #SRH-P)	233.01	48.11
28 46 13 31-0950	EA	Strobe, Standard, Outdoor, Red. (Johnson Controls, Inc. #SRK)	271.71	54.52
28 46 13 31-0951	EA	Strobe, Standard, 12/24 Volt DC, Red (Johnson Controls, Inc. #SR-P)	207.15	48.11
28 46 13 31-0952	EA	Strobe, Standard, 12/24 Volt DC, White (Johnson Controls, Inc. #SW)	207.15	48.11
28 46 13 31-0953	EA	Strobe, HI, 12/24 Volt DC, White (Johnson Controls, Inc. #SWH)	233.01	48.11
28 46 13 31-0954	EA	Strobe, HI, 12/24 Volt DC, White (Johnson Controls, Inc. #SWH-P)	233.01	48.11
28 46 13 31-0955	EA	Strobe, Standard, 12/24 Volt DC, White (Johnson Controls, Inc. #SW-P)	207.15	48.11
28 46 13 31-0956	EA	Firefighter's Telephone Handset Only. (Johnson Controls, Inc. #TELH-1)	289.01	16.03
28 46 13 31-0957	EA	Universal Digital Alarm Communicator Transmitter. (Johnson Controls, Inc. #UDACT)	1,275.74	64.14
28 46 13 31-0958	EA	Speaker Strobe, Ceiling, White, 2 W (MAX), Dual Voltage, Multi (Johnson Controls, Inc. #SPSCW)	307.43	64.14
28 46 13 31-0959	EA	Speaker, White, Ceiling Mount. (Johnson Controls, Inc. #SPCW)	131.23	32.08
28 46 13 31-0960	EA	Speaker, White, Ceiling Mount, High Db. (Johnson Controls, Inc. #SPCWV)	131.23	32.08
28 46 13 31-0961	EA	Speaker Strobe, Red, Ceiling Mount, Standard Candela. (Johnson Controls, Inc. #SPSCR)	243.27	32.08
28 46 13 31-0962	EA	Speaker Strobe, Red, Ceiling Mount, High Candela. (Johnson Controls, Inc. #SPSCRH)	264.70	32.08
28 46 13 31-0963	EA	Speaker Strobe, Red, Ceiling Mount, High Candela, High Db. (Johnson Controls, Inc. #SPSCRVH)	264.70	32.08
28 46 13 31-0964	EA	Speaker Strobe, White, Ceiling Mount, High Db. (Johnson Controls, Inc. #SPSCWV)	234.75	32.08
28 46 13 31-0965	EA	Speaker Strobe Wall, WP, White, 2W (MAX), Dual Volt, Multi D (Johnson Controls, Inc. #SPSWK)	320.56	32.08
28 46 13 31-0966	EA	Speaker Strobe, Wall, White, Standard Candela. (Johnson Controls, Inc. #SPSW)	243.27	32.08
28 46 13 31-0967	EA	Wall Mount Speaker, White. (Johnson Controls, Inc. #SPW)	131.23	32.08
28 46 13 31-0968	EA	Wall Mount Speaker, Red. (Johnson Controls, Inc. #SPR)	131.23	32.08
28 46 13 31-0969	EA	Speaker Strobe, Wall, White, High Cd. (Johnson Controls, Inc. #SPSWH)	264.70	32.08
28 46 13 31-0970	EA	Speaker Strobe, Wall, Red, High Cd. (Johnson Controls, Inc. #SPSR)	243.27	32.08
28 46 13 31-0971	EA	Speaker Strobe, Wall, Red, High Db, High Candela. (Johnson Controls, Inc. #SPSRV)	243.27	32.08

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0972		Honeywell Fire Alarm *(28 46 13 31)*		
28 46 13 31-0973		Notifier Fire Alarm *(28 46 13 31-0972)*		
28 46 13 31-0974		Fire Alarm Control Panel And Accessories *(28 46 13 31-0973)*		
28 46 13 31-0975	EA	NFS2-3030 CPU For Intelligent Fire Alarm Control Panel (Notifier CPU2-3030D)	6,685.40	641.48
28 46 13 31-0976	EA	NFS2-640 CPU For Intelligent Fire Alarm Control Panel (Notifier CPU2-640)	5,491.23	641.48
28 46 13 31-0977	EA	Central Processing Unit for NFS2-640 With Integral 240 Volt Power Supply Includes Chassis (Notifier CPU2-640E)	4,776.43	641.48
28 46 13 31-0978	EA	Black, 120 Volt AC, Intelligent Fire Alarm Control Panel (Notifier NFS-320)	6,671.35	641.48
28 46 13 31-0979	EA	Supports Installation Of Optional ACM-Series Annunciator In Same Cabinet, Black, 120 Volt AC, Intelligent Fire Alarm Control Panel (Notifier NFS-320C)	6,089.90	641.48
28 46 13 31-0980	EA	Black, 240 Volt AC, Intelligent Fire Alarm Control Panel (Notifier NFS-320E)	5,937.73	641.48
28 46 13 31-0981	EA	Red, 120 Volt AC, Intelligent Fire Alarm Control Panel (Notifier NFS-320R)	5,792.42	641.48
28 46 13 31-0982	EA	Two-Tone Sequential Module (Notifier 2TTM)	383.36	32.08
28 46 13 31-0983	EA	5', Not Low Loss, Antenna Cable (Notifier 7626-5C)	96.35	6.41
28 46 13 31-0984	EA	25', Low Loss, Antenna Cable (Notifier 7626-25HC)	184.70	12.83
28 46 13 31-0985	EA	50', Low Loss, Antenna Cable (Notifier 7626-50HC)	280.48	19.24
28 46 13 31-0986	EA	IPGSM-COM, IPGSM-COMa Handheld Programmer (Notifier 7720P)	443.93	
28 46 13 31-0987	EA	RJ45-DB9F Serial Programming Cable (Notifier ALMSC-119)	62.76	
28 46 13 31-0988	EA	120 Volt AC Power Supply, Chassis, 80-Character Display, Keypad, NFS-320SYS CPU (Notifier CPU-320SYS)	5,678.01	641.48
28 46 13 31-0989	EA	240 Volt AC Power Supply, Chassis, 80-Character Display, Keypad, NFS-320SYS CPU (Notifier CPU-320SYSE)	5,734.07	641.48
28 46 13 31-0990	EA	3 dB Gain External/Remote Antenna (Notifier GSM-ANT3dB)	238.23	6.41
28 46 13 31-0991	EA	Plug In Transformer Box For IPGSM Communicator (Notifier HPTCOVER)	73.47	6.41
28 46 13 31-0992	EA	Mounting Bracket Kit For SFB-5UD, SFB-10UD, NFW2-100 And NFW-50 (Notifier IPBRKT)	104.32	12.83
28 46 13 31-0993	EA	Chassis To Mount IP Communicator In CHSA Series Chassis (Notifier IPCHSKIT)	103.02	16.03
28 46 13 31-0994	EA	IP Communicator (Notifier IPDACT-2)	773.51	32.08
28 46 13 31-0995	EA	IP Communicator With Upload/Download Capability (Notifier IPDACT-2UD)	897.08	32.08
28 46 13 31-0996	EA	Red, IP Communicator External Mounting Enclosure (Notifier IPENC) Note: Includes IPBRKT.	210.59	32.08
28 46 13 31-0997	EA	Black, IP Communicator External Mounting Enclosure (Notifier IPENC-B) Note: Includes IPBRKT	210.02	32.08
28 46 13 31-0998	EA	Dual 8TPC To Single 8TPC Y-Splitter With Two 9" Cables For Combining Panel Phone Jacks To One IPDACT Input (Notifier IPSPLT)	53.92	12.83
28 46 13 31-0999	EA	Loop Control Module (Notifier LCM-320)	2,483.85	64.14
28 46 13 31-1000	EA	Loop Expander Module (Notifier LEM-320)	1,773.59	64.14
28 46 13 31-1001	EA	Keyboard Display Module For CPU2-640 (Notifier KDM-R2)	1,882.86	64.14
28 46 13 31-1002	EA	7' DACT Phone Cord (Notifier MCBL-7)	26.22	
28 46 13 31-1003	EA	Back Box For UDACT, With Viewing Window And Optional Relay Mount (Notifier UBS-1)	222.58	16.03
28 46 13 31-1004	EA	Red, Metal Enclosure With Solid Door For Remote Mounting Of The UDACT-2 (Notifier UBS-1R)	254.64	32.08
28 46 13 31-1005	EA	Black, Metal Enclosure With Solid Door For Remote Mounting Of The UDACT-2 (Notifier UBS-1B)	254.64	32.08
28 46 13 31-1006	EA	Universal Digital Alarm Communicator Transmitter (Notifier UDACT-2)	812.25	32.08
28 46 13 31-1007	EA	Universal Zone Coder (Notifier UZC-256)	1,129.24	32.08
28 46 13 31-1008	EA	Hardware Kit To Connect UZC-256 To A PC (Notifier UZC-HI) Note: Includes null modem cable, AC power adapter, and 9-pin to 25-pin converter.	352.01	
28 46 13 31-1009	EA	Programming Software For ONYX Series Products, DVC And Associated Amplifiers, DVC-RPU And UDACT-2 (Notifier VERIFIRE-TCD)	873.16	
28 46 13 31-1010	EA	ONYX Series Verifire Tools Upgrade (Notifier VERIFIREUG-TCD)	564.88	
28 46 13 31-1011	EA	Central Station Receiver For Fire And Security (Notifier VISORALARM-PLUS)	4,994.18	19.24
28 46 13 31-1012	EA	Surface Back Box For NBG-12LRA (Notifier SBA-10)	57.37	16.03
28 46 13 31-1013	EA	Up To 50 Addressable Devices Supported, Addressable Fire Alarm Control Panel (Notifier NFW-50X)	2,480.14	641.48
28 46 13 31-1014	EA	Up To 198 Addressable Devices Supported, Addressable Fire Alarm Control Panel (Notifier NFW-100X)	3,636.21	641.48
28 46 13 31-1015		ONYX Cabinets *(28 46 13 31-0973)*		
28 46 13 31-1016	EA	Red, Two Tier Door For CA-2 Chassis Configuration (Notifier ADDR-B4R)	653.72	16.03
28 46 13 31-1017	EA	Red, Three Tier Door For CA-2 Chassis Configuration (Notifier ADDR-C4R)	877.31	16.03
28 46 13 31-1018	EA	Red, Four Tier Door For CA-2 Chassis Configuration (Notifier ADDR-D4R)	1,083.95	16.03
28 46 13 31-1019	EA	Battery Dress Plate For NFS-640 And NFS-3030 (Notifier BP-4)	133.45	19.24
28 46 13 31-1020	EA	Chassis Bridge (Notifier CB-1)	121.04	16.03
28 46 13 31-1021	EA	Four Position Chassis (Notifier CHS-4)	201.99	16.03
28 46 13 31-1022	EA	Low Profile 1st Row Chassis Assembly For CPU-640 / CPU-640E (Notifier CHS-M2)	248.34	32.08
28 46 13 31-1023	EA	Black, Dress Panel Blank, Covers Unused Cabinet Row(s) (Notifier DP-1B)	118.01	19.24
28 46 13 31-1024	EA	Dress Plate For Top Row With CPU2-3030D (Notifier DP-DISP)	149.19	19.24
28 46 13 31-1025	EA	One Tier, "A" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-A4)	463.76	32.08
28 46 13 31-1026	EA	One Tier, "A" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-A4B)	293.61	32.08
28 46 13 31-1027	EA	Two Tier, "B" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-B4)	586.37	48.11
28 46 13 31-1028	EA	Two Tier, "B" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-B4B)	360.03	48.11
28 46 13 31-1029	EA	Three Tier, "C" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-C4)	876.02	64.14
28 46 13 31-1030	EA	Three Tier, "C" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-C4B)	531.04	64.14
28 46 13 31-1031	EA	Four Tier, "D" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-D4)	1,062.62	80.19
28 46 13 31-1032	EA	Four Tier, "D" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-D4B)	616.17	80.19
28 46 13 31-1033	EA	Black, One Tier, "AA" Size Door Assembly With Window, Lock And Keys (Notifier DR-AA4)	318.12	16.03
28 46 13 31-1034	EA	Black, One Tier, "AA" Size Door Assembly, Lock And Keys (Notifier DR-AA4B)	219.72	16.03
28 46 13 31-1035	EA	Red, One Tier, "AA" Size Door Assembly, Lock And Keys (Notifier DR-AA4BR)	219.72	16.03
28 46 13 31-1036	EA	Red, One Tier, "AA" Size Door Assembly With Window, Lock And Keys (Notifier DR-AA4R)	323.84	16.03
28 46 13 31-1037	EA	Red, One Tier, "A" Size Blank Door Assembly, Lock And Keys (Notifier DR-A4BR)	247.18	16.03
28 46 13 31-1038	EA	Red, One Tier, "A" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-A4R)	409.65	16.03
28 46 13 31-1039	EA	Red, Two Tier, "B" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-B4BR)	280.93	16.03
28 46 13 31-1040	EA	Red, Two Tier, "B" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-B4R)	487.45	16.03
28 46 13 31-1041	EA	Red, Three Tier, "C" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-C4BR)	402.78	16.03

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1042	EA	Red, Three Tier, "C" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-C4R)	722.00	16.03
28 46 13 31-1043	EA	Red, Four Tier, "D" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-D4BR)	450.84	16.03
28 46 13 31-1044	EA	Red, Four Tier, "D" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-D4R)	863.88	16.03
28 46 13 31-1045	EA	Black, Two Tiers, Equipment Back Box Assembly (Notifier EQBB-B4)	419.97	32.08
28 46 13 31-1046	EA	Black, Three Tiers, Equipment Back Box Assembly (Notifier EQBB-C4)	616.76	32.08
28 46 13 31-1047	EA	Black, Four Tiers, Equipment Back Box Assembly (Notifier EQBB-D4)	722.03	32.08
28 46 13 31-1048	EA	Black, Vented, Two Tiers, Equipment Door Assembly (Notifier EQDR-B4)	439.42	32.08
28 46 13 31-1049	EA	Black, Vented, Three Tiers, Equipment Door Assembly (Notifier EQDR-C4)	660.24	32.08
28 46 13 31-1050	EA	Black, Vented, Four Tiers, Equipment Door Assembly (Notifier EQDR-D4)	770.08	32.08
28 46 13 31-1051	EA	Red, Two Tiers, Equipment Back Box Assembly (Notifier EQBB-B4R)	423.40	32.08
28 46 13 31-1052	EA	Red, Three Tiers, Equipment Back Box Assembly (Notifier EQBB-C4R)	616.76	32.08
28 46 13 31-1053	EA	Red, Four Tiers, Equipment Back Box Assembly (Notifier EQBB-D4R)	731.18	32.08
28 46 13 31-1054	EA	Red, Vented, Two Tiers, Equipment Door Assembly (Notifier EQDR-B4R)	460.02	32.08
28 46 13 31-1055	EA	Red, Vented, Three Tiers, Equipment Door Assembly (Notifier EQDR-C4R)	660.24	32.08
28 46 13 31-1056	EA	Red, Vented, Four Tiers, Equipment Door Assembly (Notifier EQDR-D4R)	770.08	32.08
28 46 13 31-1057	EA	Back Box With Door For ONYX Firstvision™ (Notifier FIRSTVISION-ENC)	3,441.60	160.36
28 46 13 31-1058	EA	CAB-4 Series Mounting Kit (Notifier P40-KITB) Note: Includes chassis, hinged dress plate, and mounting hardware.	394.80	32.08
28 46 13 31-1059	EA	Black, One Tier Back Box Assembly (Notifier SBB-A4)	495.72	96.22
28 46 13 31-1060	EA	Black, Two Tier Back Box Assembly (Notifier SBB-B4)	704.38	128.30
28 46 13 31-1061	EA	Black, Three Tier Back Box Assembly (Notifier SBB-C4)	945.22	128.30
28 46 13 31-1062	EA	Black, Four Tier Back Box Assembly (Notifier SBB-D4)	1,148.52	160.36
28 46 13 31-1063	EA	Black, Mini, One Tier, Back Box (Notifier SBB-AA4)	250.64	32.08
28 46 13 31-1064	EA	Red, Mini, One Tier, Back Box (Notifier SBB-AA4R)	250.64	32.08
28 46 13 31-1065	EA	Red, One Tier Back Box Assembly (Notifier SBB-A4R)	303.27	32.08
28 46 13 31-1066	EA	Red, Two Tier Back Box Assembly (Notifier SBB-B4R)	418.83	32.08
28 46 13 31-1067	EA	Red, Three Tier Back Box Assembly (Notifier SBB-C4R)	609.90	32.08
28 46 13 31-1068	EA	Red, Four Tier Back Box Assembly (Notifier SBB-D4R)	719.74	32.08
28 46 13 31-1069	EA	Trim Ring For NFS-320 Cabinet (Notifier TR-320)	239.29	19.24
28 46 13 31-1070	EA	Red, Trim Ring For NFS-320 Cabinet (Notifier TR-320R)	239.29	19.24
28 46 13 31-1071	EA	Black, AA Size Trim Ring For CAB-4 Or CAB-3 Series Cabinet (Notifier TR-AA4)	321.10	19.24
28 46 13 31-1072	EA	Black, A Size Trim Ring For CAB-4 Or CAB-3 Series Cabinet (Notifier TR-A4)	254.73	19.24
28 46 13 31-1073	EA	Black, B Size Trim Ring For CAB-4 Or CAB-3 Series Cabinet (Notifier TR-B4)	256.45	19.24
28 46 13 31-1074	EA	Black, C Size Trim Ring For CAB-4 Or CAB-3 Series Cabinet (Notifier TR-C4)	253.59	19.24
28 46 13 31-1075	EA	Black, D Size Trim Ring For CAB-4 Or CAB-3 Series Cabinet (Notifier TR-D4)	259.88	19.24
28 46 13 31-1076	EA	2" Filler Dress Plate For ADP-4B Installed In The Top Row Of A CAB-4 Series Back Box (Notifier VP-2B)	95.01	19.24
28 46 13 31-1077	EA	Wire Trays For Routing Wire In A CAB-4 Series Back Box (Notifier WC-2)	64.55	6.41
28 46 13 31-1078		**NFS2-3030/640 Cabinet Mechanicals** *(28 46 13 31-0973)*		
28 46 13 31-1079	EA	Dress Plate For Middle Rows With CPU2-640 (Notifier ADP2-640)	168.72	19.24
28 46 13 31-1080	EA	Blank Module Dress Plate (Notifier BM-1B)	138.39	19.24
28 46 13 31-1081	EA	Battery Dress Plate For NFS2-3030, NFS2-640, NCA-2 And DVC System (Notifier BP2-4)	158.02	19.24
28 46 13 31-1082	EA	Four Position Expansion Chassis (Notifier CHS-4MB)	312.40	16.03
28 46 13 31-1083	EA	Standard 1st Row Chassis Assembly For CPU-3030 (Notifier CHS-M3)	353.12	48.11
28 46 13 31-1084	EA	Dress Plate For Top Row With CPU2-640 (Notifier DP-DISP2)	175.86	19.24
28 46 13 31-1085		**NFS-3030/640 Cabinet Mechanicals** *(28 46 13 31-0973)*		
28 46 13 31-1086	EA	Annunciator Dress Plate (Notifier ADP-4B)	159.80	19.24
28 46 13 31-1087	EA	Blank Module Dress Plate (Notifier BMP-1)	97.36	19.24
28 46 13 31-1088	EA	Low Profile Four Position Chassis For AA-30 Or LDM (Notifier CHS-4L)	223.81	32.08
28 46 13 31-1089	EA	Module Dress Plate (Notifier MP-1B)	161.59	19.24
28 46 13 31-1090		**Battery Cabinets** *(28 46 13 31-0973)*		
28 46 13 31-1091	EA	Six Position Chassis (Notifier CHS-6)	139.60	32.08
28 46 13 31-1092	EA	Black, 24" x 14" x 7-3/4" Battery Back Box (Notifier NFS-LBB)	716.94	96.22
28 46 13 31-1093		**Digital Voice** *(28 46 13 31-0973)*		
28 46 13 31-1094	EA	Chassis Used With BB-XP (Notifier 18439)	61.26	16.03
28 46 13 31-1095	EA	220 Volt AC, 100 Watt, 70.7 VRMS, Tone Generator, Audio Amplifier (Notifier AA-100E)	2,303.56	48.11
28 46 13 31-1096	EA	220 Volt AC, 120 Watt, 25 VRMS, Tone Generator, Audio Amplifier (Notifier AA-120E)	2,239.11	48.11
28 46 13 31-1097	EA	220 Volt AC, 30 Watt, 25 VRMS Audio Amplifier (Notifier AA-30E)	1,130.68	48.11
28 46 13 31-1098	EA	Black, Two Tier Door For CA-2 Chassis Configuration (Notifier ADDR-B4)	750.95	48.11
28 46 13 31-1099	EA	Black, Three Tier Door For CA-2 Chassis Configuration (Notifier ADDR-C4)	1,018.52	64.14
28 46 13 31-1100	EA	Black, Four Tier Door For CA-2 Chassis Configuration (Notifier ADDR-D4)	1,268.22	80.19
28 46 13 31-1101	EA	Multimode Audio Fiber Link Receiver (Notifier AFL-RM)	980.26	32.08
28 46 13 31-1102	EA	Multimode Audio Fiber Link Transmitter (Notifier AFL-TM)	980.26	32.08
28 46 13 31-1103	EA	Single Mode Audio Fiber Link Transmitter (Notifier AFL-TS)	2,093.96	32.08
28 46 13 31-1104	EA	15" x 8-3/8" x 3-3/8", Flush Or Surface Mounted Back Box (Notifier AFAWS-BX)	125.61	16.03
28 46 13 31-1105	EA	Flush Mounted, Key Lock, Door (Notifier AFAWS-KR)	210.57	16.03
28 46 13 31-1106	EA	Surface Mounted, Key Lock, Door (Notifier AFAWS-KS)	211.71	16.03
28 46 13 31-1107	EA	Flush Mounted, Latch Style Lock, Door (Notifier AFAWS-LR)	204.85	16.03
28 46 13 31-1108	EA	Surface Mounted, Latch Style Lock, Door (Notifier AFAWS-LS)	207.14	16.03
28 46 13 31-1109	EA	Armored Coil Cord, Telephone Chassis (Notifier AFAWS-TELA)	419.95	16.03
28 46 13 31-1110	EA	Coil Cord, Telephone Chassis (Notifier AFAWS-TELC)	321.55	16.03
28 46 13 31-1111	EA	Hammer Attached To Chain, Breakglass Insert (Notifier BRKG-B)	131.82	
28 46 13 31-1112	EA	For 25 VRMS DAX Or DAA2 Series, Back-Up Digital Amplifier (Notifier BDA-25V)	587.18	32.08

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1113	EA	For 70 VRMS DAX Or DAA2 Series, Back-Up Digital Amplifier (Notifier BDA-70V)	592.46	32.08
28 46 13 31-1114	EA	Blank Dress Plate For CA-2 (Notifier BP-CA2)	123.90	16.03
28 46 13 31-1115	EA	One Tier Chassis For Digital Voice Command Panel (Notifier CA-1)	192.59	32.08
28 46 13 31-1116	EA	Two Tier Chassis For Digital Voice Command Panel, With MIC-1 (Notifier CA-2)	620.72	48.11
28 46 13 31-1117	EA	Black, 6.08" x 8.301" x 3.655", Remote Cabinet (Notifier CAB-RM)	248.92	32.08
28 46 13 31-1118	EA	Red, 6.08" x 8.301" x 3.655", Remote Cabinet (Notifier CAB-RMR)	248.92	32.08
28 46 13 31-1119	EA	Chassis, Phone Well, TELH-1 And Hardware (Notifier CFFT-1)	318.12	16.03
28 46 13 31-1120	EA	Chassis With Paging Microphone With Well (Notifier CMIC-1)	314.69	16.03
28 46 13 31-1121	EA	120 Volt AC, 50 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA-5025)	2,629.53	32.08
28 46 13 31-1122	EA	Multi-Mode Fiber-Optic Media 50 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA-5025F)	1,979.43	32.08
28 46 13 31-1123	EA	Single-Mode Fiber-Optic Media 50 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA-5025SF)	1,979.43	32.08
28 46 13 31-1124	EA	120 Volt AC, 50 Watt, 70 VRMS Digital Audio Amplifier (Notifier DAA-5070)	2,715.16	32.08
28 46 13 31-1125	EA	Multi-Mode Fiber-Optic Media 50 Watt, 70 VRMS Digital Audio Amplifier (Notifier DAA-5070F)	2,095.51	32.08
28 46 13 31-1126	EA	120 Volt AC, 75 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA-7525)	2,820.42	32.08
28 46 13 31-1127	EA	Single-Mode Fiber-Optic Media 75 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA-7525SF)	2,588.85	32.08
28 46 13 31-1128	EA	Single-Mode Fiber-Optic Media 75 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA-7525SF)	2,588.85	32.08
28 46 13 31-1129	EA	220-240 Volt AC, 50 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA2-5025E)	1,872.07	32.08
28 46 13 31-1130	EA	220-240 Volt AC, 50 Watt, 70 VRMS Digital Audio Amplifier (Notifier DAA2-5070E)	1,924.90	32.08
28 46 13 31-1131	EA	220-240 Volt AC, 75 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA2-7525E)	2,007.32	32.08
28 46 13 31-1132	EA	120 Volt AC, 35 Watt, 25 VRMS, Digital Audio Amplifier (Notifier DAX-3525)	1,272.95	32.08
28 46 13 31-1133	EA	220-240 Volt AC, 35 Watt, 25 VRMS, Digital Audio Amplifier (Notifier DAX-3525E)	1,306.76	32.08
28 46 13 31-1134	EA	120 Volt AC, 35 Watt, 70 VRMS, Digital Audio Amplifier (Notifier DAX-3570)	1,337.40	32.08
28 46 13 31-1135	EA	220-240 Volt AC, 35 Watt, 70 VRMS, Digital Audio Amplifier (Notifier DAX-3570E)	1,381.78	32.08
28 46 13 31-1136	EA	120 Volt AC, 50 Watt, 25 VRMS, Digital Audio Amplifier (Notifier DAX-5025)	1,391.29	32.08
28 46 13 31-1137	EA	220-240 Volt AC, 50 Watt, 25 VRMS, Digital Audio Amplifier (Notifier DAX-5025E)	1,432.50	32.08
28 46 13 31-1138	EA	120 Volt AC, 50 Watt, 70 VRMS, Digital Audio Amplifier (Notifier DAX-5070)	1,473.71	32.08
28 46 13 31-1139	EA	220-240 Volt AC, 50 Watt, 70 VRMS, Digital Audio Amplifier (Notifier DAX-5070E)	1,547.68	32.08
28 46 13 31-1140	EA	Dress Plate For CFFT-1 (Notifier DP-CFFT)	143.35	16.03
28 46 13 31-1141	EA	Dress Panel For One Tier Chassis For Digital Voice Command Panel (Notifier DPA-1)	150.88	19.24
28 46 13 31-1142	EA	Dress Panel For One Tier Chassis For Digital Voice Command Panel, Supports Keypad (Notifier DPA-1A4)	175.86	19.24
28 46 13 31-1143	EA	Dress Panel For Two Tier Chassis For Digital Voice Command Panel (Notifier DPA-2B)	309.66	19.24
28 46 13 31-1144	EA	WPS Power Amplifier (Notifier DPA3204P)	696.02	32.08
28 46 13 31-1145	EA	WPS Power Amplifier (Notifier DPA4001P)	587.18	32.08
28 46 13 31-1146	EA	Modem Interface For Direct Wire (No Dial-Up Capabilities) For Interconnecting Panels (Notifier DPI-232)	1,322.61	32.08
28 46 13 31-1147	EA	120 Volt AC,125 Watt, 25 VRMS Digital Series Amplifier (Notifier DS-AMP) Note: Can Be Converted To 70 VRMS, 100 Watts With A DS-XF70V	989.77	32.08
28 46 13 31-1148	EA	220-240 Volt AC, 125 Watt, 25 VRMS Digital Series Amplifier (Notifier DS-AMPE) Note: Can Be Converted To 70 VRMS, 100 Watts With A DS-XF70V	1,001.39	32.08
28 46 13 31-1149	EA	Digital Series Distribution Board, Supports One To Four DS-AMP Or DS-AMPE (Notifier DS-DB)	1,667.08	32.08
28 46 13 31-1150	EA	125 Watt, 25 VRMS DS Series Backup Amplifier Board (Can Be Converted To 70 VRMS, 100 Watt Amplifier With A DS-XF70V) (Notifier DS-BDA)	650.58	32.08
28 46 13 31-1151	EA	Converts One DAX Or DAA2 DAL Port To Multi-Mode Fiber, Fiber Option Module (Notifier DS-FM)	370.77	32.08
28 46 13 31-1152	EA	Converts One DAX Or DAA2 Port To ST Style Multi-Mode Fiber (For Connection To DVC-EMF Or DAA-XXXF Series Amplifier), Fiber Option Module (Notifier DS-RFM)	370.77	32.08
28 46 13 31-1153	EA	Converts One DAX Or DAA2 DAL Port To Single-Mode Fiber, Fiber Option Module (Notifier DS-SFM)	370.77	32.08
28 46 13 31-1154	EA	Converts DS-AMP, DS-AMPE, Or DS-BDA To 70 VRMS, 100 Watt, DS Series Transformer (Notifier DS-XF70V)	159.39	32.08
28 46 13 31-1155	EA	Analog Output Board For Digital Voice Command (Notifier DVC-AO)	447.70	32.08
28 46 13 31-1156	EA	Extended Memory For Digital Voice Command (Notifier DVC-EM)	2,650.94	32.08
28 46 13 31-1157	EA	Keypad For Digital Voice Command (Notifier DVC-KD)	743.78	64.14
28 46 13 31-1158	EA	Microphone For NFC-50/100, NFC-LOC, NFC-RPU And NFC-RM (Notifier ECC-MICROPHONE)	293.15	
28 46 13 31-1159	EA	Portable Fireman's Telephone Handset (Notifier FHS)	175.87	
28 46 13 31-1160	EA	Red, Fireman's Telephone Handset (Notifier FHS-F)	203.90	
28 46 13 31-1161	EA	Recessed, Fireman's Handset Storage Cabinet, Holds Six Handsets (Notifier FHSC-R)	510.36	32.08
28 46 13 31-1162	EA	Surface Mounted, Fireman's Handset Storage Cabinet, Holds Six Handsets (Notifier FHSC-S)	510.36	32.08
28 46 13 31-1163	EA	Fireman's Phone Jack On A Single Gang Plate (Notifier FPJ)	83.54	9.62
28 46 13 31-1164	EA	Paging Microphone Only (Notifier MIC-1)	297.84	32.08
28 46 13 31-1165	EA	Firefighter's Telephone Handset (Notifier TELH-1)	201.04	
28 46 13 31-1166	EA	Remote Microphone Assembly For Mounting On An ADP-4 Dress Plate (Notifier RM-1)	758.12	32.08
28 46 13 31-1167	EA	Remote Microphone Assembly For Mounting In A Stand-Alone Cabinet (Notifier RM-1SA)	758.12	32.08
28 46 13 31-1168		Amplifiers *(28 46 13 31-0973)*		
28 46 13 31-1169	EA	30 Watt Audio Amplifier At 25 VRMS, 120 Volt AC (Notifier AA-30)	1,471.72	32.08
28 46 13 31-1170	EA	100 Watt Audio Amplifier At 70.7 VRMS, 120 Volt AC, Tone Generator (Notifier AA-100)	3,228.96	32.08
28 46 13 31-1171	EA	120 Watt Audio Amplifier At 25 VRMS, 120 Volt AC, Tone Generator (Notifier AA-120)	3,136.19	32.08
28 46 13 31-1172	EA	Audio Coupling Transformer (Notifier ACT-1)	212.21	32.08
28 46 13 31-1173	EA	Audio Coupling Transformer For DVC-AO (Notifier ACT-4)	251.46	32.08
28 46 13 31-1174	EA	Audio Coupling Transformer For DAA-5025 (Notifier ACT-25)	251.46	32.08
28 46 13 31-1175	EA	Audio Coupling Transformer For DAA-5070 (Notifier ACT-70)	251.46	32.08
28 46 13 31-1176	EA	50 Watt, 25 Volt, 120 VAC Digital Amplifier (Notifier DAA2-5025)	1,792.82	32.08
28 46 13 31-1177	EA	50 Watt, 70 Volt, 120 VAC Digital Amplifier (Notifier DAA2-5070)	1,854.11	32.08
28 46 13 31-1178	EA	75 Watt, 25 Volt, 120 VAC Digital Amplifier (Notifier DAA2-7525)	1,925.96	32.08
28 46 13 31-1179	EA	Distributed Amplifier With Backup Capability (Notifier NFC-50/100DA) Note: Requires NFC-BDA-BU	3,508.82	32.08
28 46 13 31-1180	EA	50 Watt, 25 Volt Amplifier For A Second Speaker Circuit Or Backup (Notifier NFC-BDA-25V) Note: Requires NFC-BDA-BU	703.41	32.08
28 46 13 31-1181	EA	50 Watt, 70 Volt Amplifier For A Second Speaker Circuit Or Backup (Notifier NFC-BDA-70V) Note: Requires NFC-BDA-BU	706.58	32.08
28 46 13 31-1182		FireVoice-25/50 Emergency Voice Evacuation Control Panels *(28 46 13 31-0973)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1183	EA	25 Watt, 25 VRMS Voice Evacuation Control Panel (Notifier NFV-25/50)	5,296.37	641.48
28 46 13 31-1184	EA	Single Channel 25 Watt, 25 VRMS Voice Evacuation Control Panel (Notifier NFV-25/50DA)	3,720.61	641.48
28 46 13 31-1185	EA	Single Channel 25 Watt, 25 VRMS Voice Evacuation Control Panel Used With NFV-25/50ZS (Notifier NFV-25/50DAZS)	4,852.37	641.48
28 46 13 31-1186	EA	Zoned System 25 Watt, 25 VRMS Voice Evacuation Control Panel (Notifier NFV-25/50ZS)	6,332.37	641.48
28 46 13 31-1187	EA	Zoned System With Telephone 25 Watt, 25 VRMS Voice Evacuation Control Panel (Notifier NFV-25/50ZST)	7,011.43	641.48
28 46 13 31-1188		**System Printer** *(28 46 13 31-0973)*		
28 46 13 31-1189	EA	80 Column, 120 Volt AC, Desktop Printer (Notifier PRN-6)	3,207.55	32.08
28 46 13 31-1190		**Batteries** *(28 46 13 31-0973)*		
28 46 13 31-1191	EA	5 Ampere Hours, 12 Volt DC, Sealed Battery Pack (Notifier BAT-1250-BP)	660.24	32.08
28 46 13 31-1192	EA	7 Ampere Hours, 12 Volt DC, Sealed Battery Pack (Notifier BAT-1270-BP)	674.27	32.08
28 46 13 31-1193	EA	12 Ampere Hours, 12 Volt DC, Sealed Battery Pack (Notifier BAT-12120-BP)	891.92	32.08
28 46 13 31-1194	EA	18 Ampere Hours, 12 Volt DC, Sealed Battery Pack (Notifier BAT-12180-BP)	513.71	32.08
28 46 13 31-1195	EA	26 Ampere Hours, 12 Volt DC, Sealed Battery Pack (Notifier BAT-12260-BP)	724.22	32.08
28 46 13 31-1196	EA	55 Ampere Hours, 12 Volt DC, Sealed Battery (Notifier BAT-12550)	722.44	32.08
28 46 13 31-1197	EA	100 Ampere Hours, 12 Volt DC, Sealed Battery (Notifier BAT-121000)	1,159.16	32.08
28 46 13 31-1198		**Battery Back Boxes And Miscellaneous Mechanicals** *(28 46 13 31-0973)*		
28 46 13 31-1199	EA	14-1/2" x 8-1/4" x 4-3/4", Holds Up To Two BAT-12180 Batteries, Battery Back Box (Notifier BB-17)	182.33	25.66
28 46 13 31-1200	EA	24" x 12.55" x 5.218", Mounts Up To Six XP6 Boards Or ACPS-610, Cabinet (Notifier BB-25) Note: XP6 modules require a CHS-6.	305.32	25.66
28 46 13 31-1201	EA	15.6" x 15.5" x 5.152", Mounts Up To Two 26 Ampere Hours And Charger, Battery Back Box (Notifier BB-26)	538.47	128.30
28 46 13 31-1202	EA	Holds Up To Two BAT-12120 12 Ampere Hours Batteries, Battery Holder (Notifier CHS-BH)	234.13	64.14
28 46 13 31-1203	EA	Holds Up To Two BAT-12120 12 Ampere Hours Batteries, Battery Holder (Notifier CHS-BH1)	131.05	16.03
28 46 13 31-1204	EA	Battery Bracket For Two 26 Ampere Hours Batteries (Notifier SEISKIT-BB25)	354.52	25.66
28 46 13 31-1205	EA	Two 26 Ampere Hours Battery Bracket Seismic Kit For CAB-4 Series Cabinets (Notifier SEISKIT-CAB)	243.54	25.66
28 46 13 31-1206	EA	Two 12 Ampere Hours Battery Bracket Seismic Kit For DAX, DAA, And DAA2 Series Amplifiers (Notifier SEISKIT-DAA)	270.42	25.66
28 46 13 31-1207	EA	Two 55 Ampere Hours Battery Bracket Seismic Kit For NFS-LBB (Notifier SEISKIT-LBB)	288.16	25.66
28 46 13 31-1208	EA	Two 7, 12, Or 18 Ampere Hour Battery Bracket Seismic Kit For FIREVOICE 25/50 Series (Notifier SEISKIT-2550)	427.75	25.66
28 46 13 31-1209	EA	Two 26 Ampere Hour Battery Bracket Seismic Kit For NFS-320 And BB-26 Series (Notifier SEISKIT-320/B26)	253.83	25.66
28 46 13 31-1210	EA	Two 100 Ampere Hour Battery Bracket Seismic Kit For BB-100 And BB-200 Series (Notifier SEISKIT-BB100) Note: Two kits are required for the BB-200	359.10	25.66
28 46 13 31-1211	EA	Two 18 Ampere Hour Battery Bracket Seismic Kit For BB-17 Series (Notifier SEISKIT-BB17) Note: Two kits are required for the BB-200	311.04	25.66
28 46 13 31-1212	EA	Two 26 Ampere Hour Battery Bracket Seismic Kit For BB-25 Series (Notifier SEISKIT-BB25) Note: Two kits are required for the BB-200	317.91	25.66
28 46 13 31-1213	EA	Two 7, 12, Or 18 Ampere Hour Battery Bracket Seismic Kit For SFP-5UD, SFP-10UD, Firewarden 100-2, RP-2001, And RP-2002 Series (Notifier SEISKIT-COMMENC) Note: Two kits are required for the BB-200	277.86	25.66
28 46 13 31-1214	EA	Two 7 Or 12 Ampere Hour Battery Bracket Seismic Kit For FCPS-24S6/8, CAB-PS1, SFP-2402 And SFP-2404 Series (Notifier SEISKIT-PS/2/4) Note: Two kits are required for the BB-200	260.70	25.66
28 46 13 31-1215		**Power Supplies And Chargers** *(28 46 13 31-0973)*		
28 46 13 31-1216	EA	120 Volt AC, 6 Or 10 Amperes, Addressable Charging Power Supply (Notifier ACPS-610)	1,552.28	48.11
28 46 13 31-1217	EA	220/240 Volt AC, 6 Or 10 Amperes, Addressable Charging Power Supply (Notifier ACPS-610E)	1,628.36	48.11
28 46 13 31-1218	EA	Addressable Power Supply, 120 Volt AC For NFS-3030, NFS2-3030 And NCA-2 (Notifier AMPS-24)	2,256.68	32.08
28 46 13 31-1219	EA	6A Auxiliary Power Supply (Notifier APS-6R)	1,061.83	32.08
28 46 13 31-1220	EA	10 Amperes Battery Charger (Notifier BC10A)	1,187.74	48.11
28 46 13 31-1221	EA	33.34" x 22.5" x 7.5", Combination Power Supply And Battery Enclosure For NFS-3030 Or NFS2-3030 (Notifier BB-100) Note: Holds four 55 ampere hour or two 100 ampere hour batteries	652.49	38.49
28 46 13 31-1222	EA	Red, 33.34" x 22.5" x 7.5", Combination Power Supply And Battery Enclosure For NFS-3030 Or NFS2-3030 (Notifier BB-100R) Note: Holds four 55 ampere hour or two 100 ampere hour batteries	660.50	38.49
28 46 13 31-1223	EA	30.34" x 36.5" x 7.5", Combination Power Supply And Battery Enclosure For NFS2-3030 (Notifier BB-200) Note: Holds four 55 ampere hour or four 100 ampere hour batteries	917.02	38.49
28 46 13 31-1224	EA	30.34" x 36.5" x 7.5", Holds Four 55 Ampere Hours Or Four 100 Ampere Hours Batteries, For NFS2-3030, Red, Combination Power Supply And Battery Enclosure (Notifier BB-200R)	917.02	38.49
28 46 13 31-1225	EA	15.218" x 14.5" x 3.562" ACPS Stand-Alone Cabinet (Notifier CAB-PS1)	228.90	32.08
28 46 13 31-1226	EA	25 To 120 Ampere Hours Battery Charger (Notifier CHG-120)	1,735.75	32.08
28 46 13 31-1227	EA	Mounts XPIQ-Ps And/or CHS-BH In A CAB-3/4 Row, Also Mount One ACPS-610 In CAB-3 Row, Chassis Assembly (Notifier CHS-PS)	103.02	16.03
28 46 13 31-1228	EA	Door Used For Mounting ACPS-610 (E) In a CAB-PS1 Cabinet When Replacing ACPS-2406 (Notifier DR-PS1)	161.94	16.03
28 46 13 31-1229	EA	8 Amperes, 120 Volt AC Remote Charger Power Supply (Notifier FCPS-24S8)	1,145.24	32.08
28 46 13 31-1230	EA	8.0 Amperes, 240 Volt AC Remote Charger Power Supply (Notifier FCPS-24S8E)	923.64	96.22
28 46 13 31-1231	EA	Red, 8 Amperes, 240 Volt AC Remote Charger Power Supply (Notifier FCPS-24S8R)	884.55	96.22
28 46 13 31-1232	EA	8 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPFF8)	1,020.85	96.22
28 46 13 31-1233	EA	8 Amperes, 24 Volt DC, 220 Volt AC, NAC Fire Alarm Power Supply (Notifier HPFF8E)	1,012.40	96.22
28 46 13 31-1234	EA	Chassis Mounted, 8 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPFF8CM)	979.58	48.11
28 46 13 31-1235	EA	Chassis Mounted, 8 Amperes, 24 Volt DC, 220 Volt AC, NAC Fire Alarm Power Supply (Notifier HPFF8CME)	979.58	48.11
28 46 13 31-1236	EA	12 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPFF12)	1,213.10	48.11
28 46 13 31-1237	EA	12 Amperes, 24 Volt DC, 220 Volt AC, NAC Fire Alarm Power Supply (Notifier HPFF12E)	1,159.21	48.11
28 46 13 31-1238	EA	12 Amperes, 24 Volt DC, 120 Volt AC, Chassis Mounted, NAC Fire Alarm Power Supply (Notifier HPFF12CM)	1,231.06	96.22
28 46 13 31-1239	EA	12 Amperes, 24 Volt DC, 220 Volt AC, Chassis Mounted, NAC Fire Alarm Power Supply (Notifier HPFF12CME)	1,231.06	96.22

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1240	EA	6 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPF24S6)	865.53	96.22
28 46 13 31-1241	EA	6 Amperes, 24 Volt DC, 220 Volt AC, NAC Fire Alarm Power Supply (Notifier HPF24S6E)	865.53	96.22
28 46 13 31-1242	EA	8 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPF24S8)	933.15	96.22
28 46 13 31-1243	EA	8 Amperes, 24 Volt DC, 220 Volt AC, NAC Fire Alarm Power Supply (Notifier HPF24S8E)	933.15	96.22
28 46 13 31-1244	EA	6 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPF602ULADA)	752.46	96.22
28 46 13 31-1245	EA	9 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPF902ULADA)	884.55	96.22
28 46 13 31-1246	EA	Class A Adapter HPFF8/HPFF12 (Notifier HPP31076)	189.52	16.03
28 46 13 31-1247	EA	Up To 3 Amperes, Main Power Supply And Charger (Notifier MPS-24A)	1,544.14	32.08
28 46 13 31-1248	EA	Class A (Style Y) NAC Option Module For FCPS-2406 And FCPS-2408 (Notifier ZNAC-4)	226.61	32.08
28 46 13 31-1249	EA	240 Volt AC Addressable Power Supply (Notifier AMPS-24E)	1,773.50	32.08
28 46 13 31-1250	EA	6 Amperes, 120 Volt AC Auxiliary Power Supply (Notifier APS2-6R)	896.17	96.22
28 46 13 31-1251	EA	6 Amperes, 220-240 Volt AC Auxiliary Power Supply (Notifier APS2-6RE)	933.15	96.22
28 46 13 31-1252	EA	25 To 75 Ampere Hour Sealed Lead Acid Battery Charger (Notifier CHG-75)	841.83	32.08
28 46 13 31-1253	EA	6 Amperes, 240 Volt AC Remote Charger Power Supply (Notifier FCPS-24S6E)	864.47	96.22
28 46 13 31-1254	EA	6 Amperes, 120 Volt AC Remote Charger Power Supply (Notifier FCPS-24S6R)	844.39	96.22
28 46 13 31-1255		**Network Control Annunciators** *(28 46 13 31-0973)*		
28 46 13 31-1256	EA	Network Control Annunciator For NFS2-3030, NFS-3030, NFS-320, NFS-640 And NFS2-640 (Notifier NCA-2)	3,136.04	96.22
28 46 13 31-1257	EA	Retro-Fit Plate For Mounting NCA2 (Notifier NCA-2RETRO)	111.63	19.24
28 46 13 31-1258	EA	Kit For Mounting NCA-2 To CHS-M2 (Notifier NCA/640-2-Kit)	77.74	19.24
28 46 13 31-1259		**FIRSTVISION Firefighter's Display** *(28 46 13 31-0973)*		
28 46 13 31-1260	EA	ONYX Firstvision™ Touchscreen Assembly (Notifier FIRSTVISION-LCD)	23,973.92	641.48
28 46 13 31-1261		**FlashScan Addressable Modules** *(28 46 13 31-0973)*		
28 46 13 31-1262	EA	Intelligent Addressable Control Module (Notifier FCM-1)	258.60	32.08
28 46 13 31-1263	EA	Addressable Dual Monitor Module (Notifier FDM-1)	290.71	32.08
28 46 13 31-1264	EA	Intelligent Addressable Monitor Module (Notifier FMM-1)	212.21	32.08
28 46 13 31-1265	EA	Intelligent Addressable Miniature Monitor Module (Notifier FMM-101)	187.24	32.08
28 46 13 31-1266	EA	Intelligent Addressable 4 - 20mA Analog Input Module (Notifier FMM-4-20)	403.10	32.08
28 46 13 31-1267	EA	Intelligent Addressable Relay Module (Notifier FRM-1)	191.43	32.08
28 46 13 31-1268	EA	Intelligent Addressable 2-Wire Detector Monitor Module (Notifier FZM-1)	329.96	32.08
28 46 13 31-1269	EA	SLC Loop Powered Fault Isolator Module (Notifier ISO-X)	208.64	32.08
28 46 13 31-1270		**Addressable Device Bases And Accessories** *(28 46 13 31-0973)*		
28 46 13 31-1271	EA	Intelligent Detector Base With Flange (Notifier B710LP)	65.16	16.03
28 46 13 31-1272	EA	Weatherproof Device Housing (Notifier DH400OE-1)	690.32	32.08
28 46 13 31-1273	EA	Detector Base For All Wireless Smoke And Heat Detectors (Notifier B210W)	61.26	16.03
28 46 13 31-1274	EA	Swift AV Base Ceiling (Notifier WAV-CRL)	328.41	16.03
28 46 13 31-1275	EA	Swift AV Base Wall (Notifier WAV-RL)	328.41	16.03
28 46 13 31-1276		**XP6/XP10 Transponder** *(28 46 13 31-0973)*		
28 46 13 31-1277	EA	Synchronization Daughter Module For XP6-C (Notifier SYNC-1)	186.34	32.08
28 46 13 31-1278	EA	Six Circuit Supervised Control Module (Notifier XP6-C)	998.96	32.08
28 46 13 31-1279	EA	Six Zone Intelligent To Conventional Interface Module (Notifier XP6-MA)	1,213.04	32.08
28 46 13 31-1280	EA	Six Relay Control Module (Notifier XP6-R)	959.71	32.08
28 46 13 31-1281	EA	Ten Input Monitor Module (Notifier XP10-M)	1,159.52	32.08
28 46 13 31-1282		**LCD Display Annunciators** *(28 46 13 31-0973)*		
28 46 13 31-1283	EA	80 Character LCD Fire Annunciator For FireWarden-100-2, NFS-640, NFS2-640 And NFS-320 (Notifier FDU-80)	1,253.92	96.22
28 46 13 31-1284	EA	80 Character LCD Annunciator For NFS-640, NFS-3030, NFS2-640, NFS2-3030 And NFS-320 (Notifier LCD-80)	1,780.20	96.22
28 46 13 31-1285	EA	640 Character LCD Annunciator For NFS-3030 And NFS2-3030 (Notifier LCD-160)	1,844.42	96.22
28 46 13 31-1286	EA	8 To 16 Switch Smoke Control Expander (Notifier SCE-8)	938.27	32.08
28 46 13 31-1287	EA	8 To 16 Switch Smoke Control Lamp Driver Expander (Notifier SCE-8L)	497.77	32.08
28 46 13 31-1288	EA	Eight Switch Smoke Control Master Module (Notifier SCS-8)	1,215.15	32.08
28 46 13 31-1289	EA	White, 80 Character Display, Remote LCD Annunciator (Notifier N-ANN-80-W)	623.55	96.22
28 46 13 31-1290		**ONYX ACM And AEM Series LED Annunciators** *(28 46 13 31-0973)*		
28 46 13 31-1291	EA	Remote, Eight Form C Relay Module (Notifier ACM-8R)	537.82	32.08
28 46 13 31-1292	EA	16 Alarm LEDs, 16 Trouble LEDs, 16 Controls Switches, Annunciator Control Module (Notifier ACM-16AT)	1,329.00	32.08
28 46 13 31-1293	EA	16 Alarm LEDs, 16 Trouble LEDs, 16 Control Switches, Annunciator Expander Module (Notifier AEM-16AT)	1,013.23	32.08
28 46 13 31-1294	EA	24 Alarm LEDs, 24 Trouble LEDs, 24 Control Switches, Annunciator Control Module (Notifier ACM-24AT)	1,329.00	32.08
28 46 13 31-1295	EA	24 Alarm LEDs, 24 Trouble LEDs, 24 Control Switches, Annunciator Expander Module (Notifier AEM-24AT)	1,013.23	32.08
28 46 13 31-1296	EA	32 Alarm LEDs And 1 Trouble LED, Control Module (Notifier ACM-32A)	1,013.23	32.08
28 46 13 31-1297	EA	32 Alarm And 1 Trouble LED, Annunciator Expander Module (Notifier AEM-32A)	906.19	32.08
28 46 13 31-1298	EA	48 Alarm And 1 Trouble LED Annunciator Control Module (Notifier ACM-48A)	1,013.23	32.08
28 46 13 31-1299	EA	48 Alarm And 1 Trouble LED, Annunciator Expander Module (Notifier AEM-48A)	906.19	32.08
28 46 13 31-1300		**Graphic Annunciator - Lamp Driver Modules** *(28 46 13 31-0973)*		
28 46 13 31-1301	EA	Single Annunciator Flush Mounted Back Box (Notifier ABF-1B)	388.76	64.14
28 46 13 31-1302	EA	Single Annunciator Flush Mounted Back Box With Glass Door And Key Lock (Notifier ABF-1DB)	426.23	64.14

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1303	EA	Two Annunciator Flush Mounted Back Box (Notifier ABF-2B)	486.83	80.19
28 46 13 31-1304	EA	Two Annunciator Flush Mounted Back Box With Glass Door And Key Lock (Notifier ABF-2DB)	535.00	80.19
28 46 13 31-1305	EA	Four Annunciator Flush Mounted Back Box (Notifier ABF-4B)	870.33	112.25
28 46 13 31-1306	EA	Annunciator Blank Plate Used With ACM-32A/ACM-16AT (Notifier ABM-1)	155.34	19.24
28 46 13 31-1307	EA	Single Annunciator Surface Mounted Back Box (Notifier ABS-1B)	236.23	64.14
28 46 13 31-1308	EA	Single Annunciator Surface Mounted Back Box With Trim (Notifier ABS-1TB)	193.63	16.03
28 46 13 31-1309	EA	Two Annunciator Surface Mounted Back Box (Notifier ABS-2B)	304.92	64.14
28 46 13 31-1310	EA	12" x 12" x 3-3/4" Surface Or Semi-Flush Mount Back Box (Notifier ABS-2D)	559.98	80.19
28 46 13 31-1311	EA	Red, Surface (Or Semi-Flush) Mounted Back Box For ACS Annunciators, SCS Series, NCA And NCA-2 (Notifier ABS-2DR)	364.07	16.03
28 46 13 31-1312	EA	Black, 12" x 20" x 3-1/2" Surface Or Semi-Flush Back Box (Notifier ABS-4D)	918.50	112.25
28 46 13 31-1313	EA	Red, 12" x 20" x 3-1/2" Surface Or Semi-Flush Back Box (Notifier ABS-4DR)	615.03	19.24
28 46 13 31-1314	EA	Black, 9-15/16" x 4-5/8" x 2-1/2" Surface Back Box (Notifier ABS-8RB)	233.62	25.66
28 46 13 31-1315	EA	Annunciator Key Switch (Notifier AKS-1B)	116.78	9.62
28 46 13 31-1316	EA	Chassis Used To Mount NCA-2 In ABS-2D (Notifier CHS-2D)	139.96	32.08
28 46 13 31-1317	EA	32 Alarm Lamp Driver Annunciator Control Module (Notifier LDM-32)	906.19	32.08
28 46 13 31-1318	EA	24" Lamp Driver Annunciator Cable (Notifier LDM-CBL24)	204.48	6.41
28 46 13 31-1319	EA	48" Lamp Driver Annunciator Cable (Notifier LDM-CBL48)	255.96	6.41
28 46 13 31-1320	EA	32 Alarm Lamp Driver Annunciator Expander Module (Notifier LDM-E32)	743.84	32.08
28 46 13 31-1321	EA	Lamp Driver Module (Notifier LDM-R32)	996.62	32.08
28 46 13 31-1322	EA	Eight Switch Smoke Control Lamp Driver Master Module (Notifier SCS-8L)	924.54	32.08
28 46 13 31-1323	EA	48" Cable Assembly For Smoke Control Lamp Driver (Notifier SCS8L-CBL48)	262.83	6.41
28 46 13 31-1324	EA	Black, Trim Ring For ABS-2D Cabinet (Notifier TR-ABS2D)	237.00	19.24
28 46 13 31-1325	EA	Black, Trim Ring For ABS-4D Cabinet (Notifier TR-ABS4D)	140.76	19.24
28 46 13 31-1326	EA	Red, Trim Ring For ABS-4D Cabinet (Notifier TR-ABS4DR)	140.76	19.24
28 46 13 31-1327	EA	Graphic Annunciator Dress Plate (Notifier DP-GDIS1)	226.70	19.24
28 46 13 31-1328	EA	Graphic Annunciator Dress Plate (Notifier DP-GDIS2)	226.70	19.24
28 46 13 31-1329	EA	Input/Output Module For Driving Graphic Annunciators Or Relays (Notifier N-ANN-RLED)	591.35	32.08

28 46 13 31-1330 Network Gateways *(28 46 13 31-0973)*

28 46 13 31-1331	EA	Common Alerting Protocol Gateway (Notifier CAP-GW)	3,339.76	32.08
28 46 13 31-1332	EA	Fiber-Optic Cable Interface (Multi-Mode), High-Speed Network Communications Module (Notifier HS-NCM-MF)	2,485.98	32.08
28 46 13 31-1333	EA	Fiber-Optic Cable Interface (Multi-Mode Fiber To Single-Mode Fiber), High-Speed Network Communications Module (Notifier HS-NCM-MFSF)	2,800.86	32.08
28 46 13 31-1334	EA	Fiber-Optic Cable Interface (Single-Mode), High-Speed Network Communications Module (Notifier HS-NCM-SF)	3,086.16	32.08
28 46 13 31-1335	EA	Twisted-Pair Wire Interface, High-Speed Network Communications Module (Notifier HS-NCM-W)	2,508.17	32.08
28 46 13 31-1336	EA	Wire And Fiber-Optic Cable Interface, High-Speed Network Communications Module (Multi-Mode) (Notifier HS-NCM-WMF)	2,440.55	32.08
28 46 13 31-1337	EA	Wire And Fiber-Optic Cable Interface (Single-Mode), High-Speed Network Communications Module (Notifier HS-NCM-WSF)	2,748.03	32.08
28 46 13 31-1338	EA	Modbus Gateway (Notifier MODBUS-GW)	2,737.46	32.08
28 46 13 31-1339	EA	22" Widescreen HD LED Color Monitor With Speakers (Notifier MON-22LCDW)	3,170.10	21.16
28 46 13 31-1340	EA	Capacitive Touch-Screen, 22" Widescreen HD LED Color Monitor With Speakers (Notifier MON-22LCDW-TS)	4,712.81	21.16
28 46 13 31-1341	EA	1920x1080P Wide Screen (Notifier MON-42LCDW)	14,930.61	21.16
28 46 13 31-1342	EA	Single Monitor, Wall Mounted, Horizontal, Tilt, Bracket (Notifier MON-42HORZ-SD)	748.35	48.11
28 46 13 31-1343	EA	Single Monitor, Vertical Mounted, Bracket (Notifier MON-42VERT-SD)	1,378.25	48.11
28 46 13 31-1344	EA	Dual Monitors, Vertical Wall Mounted, Fixed Position, Bracket (Notifier MON-42VERT-DD)	2,015.55	48.11
28 46 13 31-1345	EA	Mass Notification Voice Paging (Notifier NOTIFY-IP)	1,251.07	
28 46 13 31-1346	EA	Embedded NFN Gateway (Notifier NFN-GW-EM)	3,881.90	32.08
28 46 13 31-1347	EA	NFN Gateway PC Card With Fiber (Notifier NFN-GW-PC-F)	3,881.90	32.08
28 46 13 31-1348	EA	High Speed NFN Gateway PC Card For Multimode Fiber (Included With ONYXworks-HNMF) (Notifier NFN-GW-PC-HNMF)	3,794.11	32.08
28 46 13 31-1349	EA	High Speed NFN Gateway PC Card For Single Mode Fiber (Included With ONYXworks-HNSF) (Notifier NFN-GW-PC-HNSF)	4,417.54	32.08
28 46 13 31-1350	EA	High Speed NFN Gateway PC Card For Wire (Included With ONYXworks-HNW) (Notifier NFN-GW-PC-HNW)	3,794.11	32.08
28 46 13 31-1351	EA	NFN Gateway PC Card With Wire (Notifier NFN-GW-PC-W)	3,881.90	32.08
28 46 13 31-1352	EA	Alpha-Numeric Pager Option For ONYXworks (Notifier ONYX-PAGER)	1,778.53	
28 46 13 31-1353	EA	ONYXWorks Workstation (Notifier ONYXWORKS-WS)	28,248.50	769.78
28 46 13 31-1354	EA	Fiber Network Graphical User Interface (Notifier ONYXWorks-Lite OW-LITE-NW) Note: Includes PC slot network fiber card, workstation software and security key with a four node license. Excludes PC workstation.	7,031.96	
28 46 13 31-1355	EA	Wired Network Graphical User Interface (Notifier ONYXWorks-Lite OW-LITE-NF) Note: Includes PC slot network fiber card, workstation software and security key with a four node license. Excludes PC workstation.	7,031.96	
28 46 13 31-1356	EA	Fiber Optics, Standard Network Repeater Board (Notifier RPT-F)	1,163.06	32.08
28 46 13 31-1357	EA	Wire, Standard Network Repeater Board (Notifier RPT-W)	948.56	32.08
28 46 13 31-1358	EA	Wire To Fiber Optics, Standard Network Repeater Board (Notifier RPT-WF)	1,127.13	32.08
28 46 13 31-1359	EA	Signaling Line Circuit Integration Module (Notifier SLC-IM)	1,257.10	32.08
28 46 13 31-1360	EA	VESDA Gateway That Provides A Communication Link Between The Noti-Fire-Net™ Network And Vesda™ Detectors On The Vesdanet™ (Notifier VESDA-HLI-GW)	2,610.67	32.08
28 46 13 31-1361	EA	Vesda™ High Level Interface Card Used With SLC-IM And Vesda-HLI-GW To Provide A Communication Link Between The Noti-Fire-Net™ Network And Vesda™ Detectors On The Vesdanet™ (Notifier VHX-1420-HFS)	2,672.65	32.08
28 46 13 31-1362	EA	Windows Hard Drive Upgrade (Notifier WIN7-UG-US-3)	2,964.22	
28 46 13 31-1363	EA	Intuitive Color 10" Touch Screen Providing Color Coded Information Of Detailed System Status (Notifier NCD)	1,612.60	21.16
28 46 13 31-1364	EA	SWIFT Wireless Gateway With Flashscan (Notifier FWSG)	509.42	32.08

28 46 13 31-1365 NOTI-FIRE-NET Network Components *(28 46 13 31-0973)*

28 46 13 31-1366	EA	Interface Between NOTI-FIRE-NET 50 And BACnet (Notifier BACNET-GW-3)	3,881.90	32.08
28 46 13 31-1367	EA	Fiber Optic Network Communications Module (Notifier NCM-F)	1,717.91	32.08
28 46 13 31-1368	EA	NOTI-FIRE-NET Web Server (Notifier NWS)	3,881.90	32.08

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1369	EA	Wired Network Communications Module (Notifier NCM-W)	1,635.84	32.08
28 46 13 31-1370	EA	Fiber Optic Converter Module Mounting Kit (Notifier SMF-Kit)	140.03	16.03
28 46 13 31-1371		FireWarden Addressable Fire Panels *(28 46 13 31-0973)*		
28 46 13 31-1372	EA	50 Point, Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW-50)	2,986.68	641.48
28 46 13 31-1373	EA	Black, One SLC Loop, 120 Volt AC, 198 Point Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW2-100)	3,620.00	641.48
28 46 13 31-1374	EA	Black, One DC Loop, 120 Volt AC, 198 Point Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW2-100C)	3,085.60	320.74
28 46 13 31-1375	EA	Black, One SLC Loop, 240 Volt AC, 198 Point Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW2-100E)	3,085.60	320.74
28 46 13 31-1376	EA	Red, One SLC Loop, 120 Volt AC, 198 Point Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW2-100R)	3,072.93	320.74
28 46 13 31-1377	EA	Black, Built In Digital Alarm Communicator/Transmitter (DACT) With Modem For Remote Upload/Download, Built In Annunciator, 50 Point Addessable Fire Alarm Control Panel (Notifier NFW-50C)	3,506.15	320.74
28 46 13 31-1378	EA	Red, Built In Digital Alarm Communicator/Transmitter (DACT) With Modem For Remote Upload/Download, 50 Point Addessable Fire Alarm Control Panel (NFW-50R)	2,559.39	320.74
28 46 13 31-1379		FireWarden Accessories *(28 46 13 31-0973)*		
28 46 13 31-1380	EA	Intelligent Multicriteria Photo/Thermal Detector With Base (Notifier NP-A100)	231.23	48.11
28 46 13 31-1381	EA	Intelligent Addressable Photo/Thermal Detector With Base (Notifier NP-100T)	219.79	48.11
28 46 13 31-1382		FireWarden Devices *(28 46 13 31-0973)*		
28 46 13 31-1383	EA	SLC Loop Powered Fault Isolator Module (Notifier N100-ISO)	206.86	32.08
28 46 13 31-1384	EA	Intelligent Addressable Control Module (Notifier NC-100)	249.68	32.08
28 46 13 31-1385	EA	Intelligent Addressable Relay Module (Notifier NC-100R)	238.97	32.08
28 46 13 31-1386	EA	Intelligent Addressable Low Flow Duct Photoelectric Smoke Detector (Notifier ND-100)	494.95	48.11
28 46 13 31-1387	EA	Intelligent Addressable Low Flow Duct Photoelectric Smoke Detector With DPDT Relay (Notifier ND-100R)	599.42	48.11
28 46 13 31-1388	EA	Two Zone Intelligent Addressable, Two Wire Detector Monitor Module (Notifier NDM-100)	238.97	32.08
28 46 13 31-1389	EA	Intelligent Addressable Thermal Detector With Base (Notifier NH-100)	235.37	48.11
28 46 13 31-1390	EA	Intelligent Addressable High Temperature Thermal Detector With Base (Notifier NH-100H)	235.37	48.11
28 46 13 31-1391	EA	Intelligent Addressable Rate-Of-Rise Thermal Detector With Base (Notifier NH-100R)	235.37	48.11
28 46 13 31-1392	EA	Intelligent Addressable Ionization Smoke Detector With Base (Notifier NI-100)	328.14	48.11
28 46 13 31-1393	EA	Intelligent Addressable Monitor Module (Notifier NMM-100)	203.29	32.08
28 46 13 31-1394	EA	Intelligent Addressable Mini Monitor Module (Notifier NMM-100P)	182.78	32.08
28 46 13 31-1395	EA	Intelligent Addressable Manual Pull Station (Notifier NOT-BG12LX)	282.68	32.08
28 46 13 31-1396	EA	Intelligent Addressable Photoelectric Smoke Detector With Base (Notifier NP-100)	247.86	48.11
28 46 13 31-1397	EA	Intelligent Addressable 2-Wire Detector Monitor Module (Notifier NZM-100)	319.25	32.08
28 46 13 31-1398	EA	Six Zone Intelligent Addressable 2-Wire Detector Monitor Module (Notifier NZM-100-6)	1,184.49	32.08
28 46 13 31-1399		SFP-2402 And SFP-2404 2 And 4-Zone Control Panels And Accessories *(28 46 13 31-0973)*		
28 46 13 31-1400	EA	120 Volt AC, Two Zone Conventional Fire Alarm Control Panel (Notifier SFP-2402)	1,918.36	513.18
28 46 13 31-1401	EA	120 Volt AC, Four Zone Conventional Fire Alarm Control Panel (Notifier SFP-2404)	2,148.50	513.18
28 46 13 31-1402	EA	240 Volt AC, Two Zone Conventional Fire Alarm Control Panel (Notifier SFP-2402E)	1,290.26	160.36
28 46 13 31-1403	EA	240 Volt AC, Four Zone Conventional Fire Alarm Control Panel (Notifier SFP-2404E)	1,458.27	160.36
28 46 13 31-1404	EA	Class A Converter Module (Notifier CAC-4)	445.14	32.08
28 46 13 31-1405	EA	Internal Dress Plate, Required For FM And ULC (Notifier DP-4X)	162.34	19.24
28 46 13 31-1406	EA	Remote Zone Annunciator (Notifier RZA-4X)	236.95	48.11
28 46 13 31-1407	EA	Red, Dress Panel (Notifier DP-51050)	195.81	19.24
28 46 13 31-1408	EA	Black, Dress Panel (Notifier DP-51050B)	198.10	19.24
28 46 13 31-1409		SFP-5UD 5 Zone Control Panels And Accessories *(28 46 13 31-0973)*		
28 46 13 31-1410	EA	120 Volt AC, Five Zone Conventional Fire Alarm Control Panel (Notifier SFP-5UD)	3,058.04	641.48
28 46 13 31-1411	EA	120 Volt AC, Five Zone Conventional Fire Alarm Control Panel (Notifier SFB-5UDC)	4,499.08	481.10
28 46 13 31-1412	EA	240 Volt AC, Five Zone Conventional Fire Alarm Control Panel (Notifier SFB-5UDE)	2,968.33	320.74
28 46 13 31-1413	EA	Red, 120 Volt AC, Five Zone Conventional Fire Alarm Control Panel (Notifier SFB-5UDR)	2,968.33	320.74
28 46 13 31-1414	EA	Class A Converter Module (Notifier N-CAC-5X)	461.16	32.08
28 46 13 31-1415	EA	Red, Trim Ring For NFW2-100, NFW-50, SFB-5UD, SFB-10UD, RP-2001, RP-2002 Cabinet (Notifier TR-CE)	175.79	19.24
28 46 13 31-1416	EA	Five Zone Conventional Fire Control Panel With DACT And 7 Amperes Power Supply, ULC/UL Listed (Notifier SFP-5UDC) Note: Includes internal dress panel with built-in annunciator module	3,869.73	481.10
28 46 13 31-1417	EA	240 Volt AC, Five Zone Conventional Fire Control Panel With DACT And 3 Amperes Power Supply (Notifier SFP-5UDE)	2,563.62	320.74
28 46 13 31-1418	EA	Red, 120 Volt AC, Five Zone Conventional Fire Control Panel Wth DACT And 3 Amperes Power Supply (Notifier SFP-5UDR)	2,541.43	320.74
28 46 13 31-1419		SFP-10UD 10 Zone Control Panels And Accessories *(28 46 13 31-0973)*		
28 46 13 31-1420	EA	120 Volt AC, 10 Zone Conventional Fire Alarm Control Panel With Built-In Digital Alarm Communicator Transmitter (Notifier SFB-10UDC)	5,470.86	641.48
28 46 13 31-1421	EA	240 Volt AC, 10 Zone Conventional Fire Alarm Control Panel With Built-In Digital Alarm Communicator Transmitter (Notifier SFB-10UDE)	4,090.86	481.10
28 46 13 31-1422	EA	120 Volt AC, 10 Zone Conventional Fire Alarm Control Panel With Built-In Digital Alarm Communicator Transmitter (Notifier SFP-10UD)	3,557.56	641.48

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1423	EA	Red, 120 Volt AC, 10 Zone Conventional Fire Alarm Control Panel With Built-In Digital Alarm Communicator Transmitter (Notifier SFB-10UDR)	4,732.34	641.48
28 46 13 31-1424	EA	Four Channel, Dual Line, Stand-Alone Fire Alarm Communicator (Fire-Lite 411UDAC)	955.99	96.22
28 46 13 31-1425	EA	10 Zone Conventional Fire Control Panel With DACT And 7 Amperes Power Supply, ULC/UL Listed (Notifier SFP-10UDC) Note: Includes internal dress panel with built-in annunciator module	4,765.87	641.48
28 46 13 31-1426	EA	240 Volt AC, 10 Zone Conventional Fire Control Panel With DACT And 7 Amperes Power Supply (Notifier SFP-10UDE)	3,555.91	481.10
28 46 13 31-1427	EA	Red, 10 Zone Conventional Fire Control Panel With DACT And 7 Amperes Power Supply (Notifier SFP-10UDR)	4,170.97	641.48

28 46 13 31-1428 Smoke Detectors *(28 46 13 31-0973)*

28 46 13 31-1429	EA	Low Profile Intelligent Addressable Ionization Smoke Detector (Notifier FSI-851)	353.12	48.11
28 46 13 31-1430	EA	Intelligent Addressable Laser Smoke Detector (Notifier FSL-751)	613.58	48.11
28 46 13 31-1431	EA	Intelligent Addressable Laser Duct Smoke Detector (Notifier FSL-751D)	1,489.16	48.11
28 46 13 31-1432	EA	Remote Test Capable Intelligent Addressable Photo Detector (Notifier NP-100R) Note: For use with DNR(W) duct detector housing.	207.20	48.11
28 46 13 31-1433	EA	Filters For Harsh Detector (Notifier RF-FTX)	25.23	
28 46 13 31-1434	EA	Key Activated Remote Test Station For Duct Smoke Detector (Notifier RTS151KEY)	211.77	32.08
28 46 13 31-1435	EA	Addressable Beam Detector With Reflector, UL Listed (Notifier FS-OSI-RI)	1,835.47	48.11
28 46 13 31-1436	EA	Intelligent Addressable Photo Detector With Flashscan, White (Notifier FSP-951)	215.50	48.11
28 46 13 31-1437	EA	Intelligent Addressable Photo Detector With Flashscan And Clip, Ivory (Notifier FSP-951-IV)	234.38	48.11
28 46 13 31-1438	EA	Remote Test Capable Intelligent Photo Detector With Flashscan, White (Notifier FSP-951R)	224.94	48.11
28 46 13 31-1439	EA	Remote Test Capable Intelligent Photo Detector With Flashscan And Clip, Ivory (Notifier FSP-951R-IV)	242.10	48.11
28 46 13 31-1440	EA	Intelligent Addressable Photo/Thermal Detector With Flashscan, White (Notifier FSP-951T)	226.08	48.11
28 46 13 31-1441	EA	Intelligent Addressable Photo/Thermal Detector With Flashscan, Ivory (Notifier FSP-951T-IV)	243.24	48.11
28 46 13 31-1442	EA	Intelligent Addressable 135 Degree Thermal Detector With Flashscan, White (Notifier FST-951)	185.46	48.11
28 46 13 31-1443	EA	Intelligent Addressable High Temperature 190 Degree Heat Detector With Flashscan (Notifier FST-951H)	185.46	48.11
28 46 13 31-1444	EA	Intelligent Addressable High Temperature 190 Degree Heat Detector With Flashscan And Clip, Ivory (Notifier FST-951H-IV)	201.48	48.11
28 46 13 31-1445	EA	Intelligent Addressable 135 Degree Thermal Detector With Flashscan And Clip, Ivory (Notifier FST-951-IV)	201.48	48.11
28 46 13 31-1446	EA	Intelligent Addressable Rate-of-Rise Thermal Detector With Flashscan, White (Notifier FST-951R)	185.46	48.11
28 46 13 31-1447	EA	Intelligent Addressable Rate-of-Rise Thermal Detector With Flashscan And Clip, Ivory (Notifier FST-951R-IV)	201.48	48.11
28 46 13 31-1448	EA	Low Profile Intelligent Addressable High Sensitivity Detector With Flashscan, White (Notifier FSV-951R)	482.94	48.11
28 46 13 31-1449	EA	Low Profile Intelligent Addressable High Sensitivity Detector With Flashscan, Ivory (Notifier FSV-951R-IV)	517.27	48.11
28 46 13 31-1450	EA	Wireless Photo-Heat Detector, Acclimate, With Flashscan (Notifier FWD-200ACCLIMATE) Note: Requires B210W base, ordered separately	481.80	48.11
28 46 13 31-1451	EA	Wireless Photo Detector With Flashscan (Notifier FWD-200P) Note: Requires B210W base, ordered separately	444.04	48.11
28 46 13 31-1452	EA	Wireless Fixed Temp Heat Detector, 135 Degree, With Flashscan (Notifier FWH-200FIX135) Note: Requires B210W base, ordered separately	404.00	48.11
28 46 13 31-1453	EA	Wireless ROR Heat Detector, 135 Degree, With Flashscan (Notifier FWH-200ROR135) Note: Requires B210W base, ordered separately	404.00	48.11
28 46 13 31-1454	EA	Intelligent Addressable Carbon Monoxide Detector With Flashscan (Notifier FPC-951)	296.45	48.11
28 46 13 31-1455	EA	Built In Circular Display, 3 Alarm Levels, Smoke Detector (Notifier VLF-250) Note: Use for areas up to 2,500 square feet. Adjustable sensitivity range is 0.008 - 6% ro 6.4 /Ft. Obs.	2,819.21	48.11
28 46 13 31-1456	EA	Built In Circular Display, 3 Alarm Levels, Smoke Detector (Notifier VLF-500) Note: Use for areas up to 2,500 square feet. Adjustable sensitivity range is 0.008 - 6% ro 6.4 /Ft. Obs.	3,453.30	48.11

28 46 13 31-1457 Pull Stations *(28 46 13 31-0973)*

28 46 13 31-1458	EA	Trim Ring For NBG12 Series Pull Station (Notifier BG12TR)	36.63	6.41
28 46 13 31-1459	EA	One End Tapped For 1/2" Conduit, Aluminum, Surface Mounted Back Box (Notifier BG-2)	93.06	16.03
28 46 13 31-1460	EA	Red, One End Tapped For 1/2" Conduit, Aluminum, Surface Mounted Back Box (Notifier BG-2R)	79.68	16.03
28 46 13 31-1461	EA	Red Letters, Spring Retainer, Aluminum Single Action Pull Station (Notifier BNG-1)	122.58	32.08
28 46 13 31-1462	EA	DPDT Switch, Red Letters, Spring Retainer, Aluminum Single Action Pull Station (Notifier BNG-1F)	135.28	32.08
28 46 13 31-1463	EA	Terminal Switch, DPDT Switch, Red Letters, Spring Retainer, Aluminum Single Action Pull Station (Notifier BNG-1FTS)	185.25	32.08
28 46 13 31-1464	EA	Red Body, Silver Letters, Spring Retainer, Aluminum Single Action Pull Station (Notifier BNG-1R)	122.58	32.08
28 46 13 31-1465	EA	Red Letters, Spring Retainer, Aluminum Single Action Pull Station With Terminal Strip (Notifier BNG-1TS)	141.21	32.08
28 46 13 31-1466	EA	Standard Local Style Red Letters, Spring Retainer, Aluminum Single Action Pull Station With Terminal Strip (Notifier BNG-1TSL)	141.21	32.08
28 46 13 31-1467	EA	Terminal Strip, Red Body, Red Letters, Spring Retainer, Aluminum Single Action Pull Station (Notifier BNG-1TSR)	141.21	32.08
28 46 13 31-1468	EA	Red Letters, Breakglass, Aluminum Single Action Pull Station (Notifier BRG-1)	133.59	32.08
28 46 13 31-1469	EA	Red Body, Silver Letters, Breakglass, Aluminum Single Action Pull Station (Notifier BRG-1R)	144.60	32.08
28 46 13 31-1470	EA	Hazardous, Non-Hazardous, Weatherproof, Harsh Locations Fire Alarm Pull Station (Notifier HAZ-WP-PULL)	939.21	38.49
28 46 13 31-1471	EA	Red, Single Action Fire Alarm Pull Station (Notifier NBG-12S)	106.59	32.08
28 46 13 31-1472	EA	Red, Dual Action Fire Alarm Pull Station (Notifier NBG-12)	111.51	32.08
28 46 13 31-1473	EA	Red, Key Lock, Dual Action Fire Alarm Pull Station (Notifier NBG-12L)	137.73	32.08
28 46 13 31-1474	EA	Red, Outdoor, Key Lock, Dual Action Fire Alarm Pull Station (Notifier NBG-12LOB)	335.66	38.49
28 46 13 31-1475	EA	Red, Presignal, Key Lock, Dual Action Fire Alarm Pull Station (Notifier NBG-12LPS)	165.68	32.08
28 46 13 31-1476	EA	Red, Agent Releasing, Key Lock, Dual Action Fire Alarm Pull Station (Notifier NBG-12LR)	139.65	32.08
28 46 13 31-1477	EA	Addressable Manual Dual Action Fire Alarm Pull Station (Notifier NBG-12LX)	284.46	32.08
28 46 13 31-1478	EA	Pull Station Trim Plate For New York City, For Use With All NBG Series Pull Stations (Notifier NY-PLATE)	68.73	6.41
28 46 13 31-1479	EA	Dual Action, Wireless Pull Station (Notifier NBG-12WL)	471.71	38.49

28 46 13 31-1480 Rate Compensation Heat Detectors *(28 46 13 31-0973)*

28 46 13 31-1481	EA	135 Degree F Explosion Proof Rate Compensation Heat Detectors (Edwards Signaling 302-EPM-135)	253.21	48.11
28 46 13 31-1482	EA	194 Degree F Explosion Proof Rate Compensation Heat Detectors (Edwards Signaling 302-EPM-194)	253.21	48.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1483		**FM Series Door Releases** *(28 46 13 31-0973)*		
28 46 13 31-1484	EA	1/2" Door Holder Spacer (Notifier FM900-50)	40.65	9.62
28 46 13 31-1485	EA	3/4" Door Holder Spacer (Notifier FM900-75)	40.65	9.62
28 46 13 31-1486	EA	1" Door Holder Spacer (Notifier FM900-100)	40.65	9.62
28 46 13 31-1487	EA	Door Holder Extension Kit (Notifier FM900)	43.32	9.62
28 46 13 31-1488	EA	90 Degree Door Holder Extension Kit (Notifier FM900-Z)	44.22	9.62
28 46 13 31-1489	EA	12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Floor Mounted, Door Holder (Notifier FM980)	285.10	48.11
28 46 13 31-1490	EA	12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Surface Mounted, Door Holder (Notifier FM996)	246.08	48.11
28 46 13 31-1491	EA	12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Recessed Mounted, Concealed Wiring, Door Holder (Notifier FM998)	246.08	48.11
28 46 13 31-1492		**Multicriteria Fire Detector** *(28 46 13 31-0973)*		
28 46 13 31-1493	EA	Intelligent Addressable Combination Multi-Criteria Fire/Carbon Monoxide Detector With Flashscan (Notifier FCO-851)	353.65	48.11
28 46 13 31-1494	EA	Intelligent Addressable Multicriteria Fire Detector (Notifier FSC-851) Note: Detects fire, thermal, photo, CO and IR, with Flashscan.	352.51	48.11
28 46 13 31-1495	EA	Multi-Criteria Photo/Temp/Infrared Detector, White (Notifier FPTI-951)	231.23	48.11
28 46 13 31-1496	EA	Multi-Criteria Photo/Temp/Infrared Detector, Ivory (Notifier FPTI-951-IV)	239.24	48.11
28 46 13 31-1497	EA	Intelligent Addressable Combination Multi-Criteria Photoelectric And Carbon Monoxide Detector With Flashscan (Notifier FSCO-951)	353.65	48.11
28 46 13 31-1498		**Modules** *(28 46 13 31-0973)*		
28 46 13 31-1499	EA	Intelligent Addressable Dual Monitor/Dual Relay Module (Notifier FDRM-1)	419.97	32.08
28 46 13 31-1500	EA	Addressable Firephone Control Module (Notifier FTM-1)	260.93	32.08
28 46 13 31-1501	EA	Wireless Monitor Module With Flashscan (Notifier FW-MM)	406.24	32.08
28 46 13 31-1502	EA	Wireless Relay Module With Flashscan (Notifier FW-RM)	469.17	32.08
28 46 13 31-1503	EA	Wireless Sync Module (Notifier W-SYNC)	447.70	32.08
28 46 13 31-1504		**DH Series Door Releases** *(28 46 13 31-0973)*		
28 46 13 31-1505	EA	Semi-Flush, Powder Coated Chrome, Electromagnetic Door Holder (Notifier DH24120FPC)	219.50	48.11
28 46 13 31-1506	EA	Semi-Flush, Plated Brass, Electromagnetic Door Holder (Notifier DH24120FB)	233.52	48.11
28 46 13 31-1507	EA	Semi-Flush, Powder Coated Dark Bronze, Electromagnetic Door Holder (Notifier DH24120FD)	246.68	48.11
28 46 13 31-1508	EA	Surface Mounted, Powder Coated Chrome, Electromagnetic Door Holder (Notifier DH24120SPC)	243.24	48.11
28 46 13 31-1509	EA	Surface Mounted, Plated Brass, Electromagnetic Door Holder (Notifier DH24120SB)	254.68	48.11
28 46 13 31-1510	EA	Surface Mounted, Powder Coated Dark Bronze, Electromagnetic Door Holder (Notifier DH24120SPD)	264.41	48.11
28 46 13 31-1511	EA	Recessed, Powder Coated Chrome, Electromagnetic Door Holder (Notifier DH24120WPC)	219.50	48.11
28 46 13 31-1512	EA	Recessed, Plated Brass, Electromagnetic Door Holder (Notifier DH24120WB)	231.80	48.11
28 46 13 31-1513	EA	Recessed, Powder Coated Dark Bronze, Electromagnetic Door Holder (Notifier DH24120WD)	246.68	48.11
28 46 13 31-1514	EA	Floor Mounted, Single Door, Powder Coated Chrome, Electromagnetic Door Holder (Notifier DH24120GPC1)	278.14	48.11
28 46 13 31-1515	EA	Floor Mounted, Single Door, Plated Brass, Electromagnetic Door Holder (Notifier DH24120GB1)	296.45	48.11
28 46 13 31-1516	EA	Floor Mounted, Single Door, Powder Coated Dark Bronze, Electromagnetic Door Holder (Notifier DH24120GPD1)	317.61	48.11
28 46 13 31-1517	EA	Floor Mounted, Double Door, Powder Coated Chrome, Electromagnetic Door Holder (Notifier DH24120GPC2)	322.76	48.11
28 46 13 31-1518	EA	Floor Mounted, Double Door, Plated Brass, Electromagnetic Door Holder (Notifier DH24120GB2)	344.50	48.11
28 46 13 31-1519	EA	Floor Mounted, Double Door, Powder Coated Dark Bronze, Electromagnetic Door Holder (Notifier DH24120GPD2)	370.82	48.11
28 46 13 31-1520	EA	0.5" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE.5PC)	25.36	6.41
28 46 13 31-1521	EA	0.5" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE.5B)	25.36	6.41
28 46 13 31-1522	EA	0.5" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE.5D)	27.70	6.41
28 46 13 31-1523	EA	1" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE1PC)	25.36	6.41
28 46 13 31-1524	EA	1" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE1B)	25.36	6.41
28 46 13 31-1525	EA	1" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE1D)	27.70	6.41
28 46 13 31-1526	EA	1.5" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE1.5PC)	26.56	6.41
28 46 13 31-1527	EA	1.5" Adjustable Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE1.5APC)	26.56	6.41
28 46 13 31-1528	EA	1.5" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE1.5B)	27.70	6.41
28 46 13 31-1529	EA	1.5" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE1.5D)	29.02	6.41
28 46 13 31-1530	EA	2" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE2PC)	29.02	6.41
28 46 13 31-1531	EA	2" Adjustable Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE2APC)	29.02	6.41
28 46 13 31-1532	EA	2" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE2B)	30.22	6.41
28 46 13 31-1533	EA	2" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE2D)	30.22	6.41
28 46 13 31-1534	EA	3" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE3PC)	30.22	6.41
28 46 13 31-1535	EA	3" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE3B)	31.54	6.41
28 46 13 31-1536	EA	3" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE3D)	31.54	6.41
28 46 13 31-1537	EA	4" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE4PC)	32.74	6.41
28 46 13 31-1538	EA	4" Adjustable Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE4APC)	32.74	6.41
28 46 13 31-1539	EA	4" Adjustable Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE4AB)	34.05	6.41
28 46 13 31-1540	EA	4" Adjustable Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE4AD)	37.77	6.41
28 46 13 31-1541	EA	5" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE5PC)	36.51	6.41
28 46 13 31-1542	EA	5" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE5B)	35.26	6.41
28 46 13 31-1543	EA	5" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE5D)	37.77	6.41
28 46 13 31-1544	EA	Catch Plate, Powder Coated Chrome For Electromagnetic Door Holder (Notifier DHCPC)	35.43	9.62
28 46 13 31-1545	EA	Catch Plate, Plated Brass For Electromagnetic Door Holder (Notifier DHCPB)	36.63	9.62
28 46 13 31-1546	EA	Catch Plate, Powder Coated Dark Bronze For Electromagnetic Door Holder (Notifier DHCPD)	40.46	9.62
28 46 13 31-1547	EA	Swivel Base, Powder Coated Chrome, For Electromagnetic Door Holder (Notifier DHSBPC)	65.35	9.62
28 46 13 31-1548	EA	Swivel Base, Plated Brass, For Electromagnetic Door Holder (Notifier DHSBB)	69.01	9.62

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1549	EA	Swivel Base, Powder Coated Dark Bronze, For Electromagnetic Door Holder (Notifier DHSBD)	72.67	9.62
28 46 13 31-1550	EA	Surface Mounted Back Box, Powder Coated Chrome For Electromagnetic Door Holder (Notifier DHBBPC)	60.68	16.03
28 46 13 31-1551	EA	Surface Mounted Back Box, Plated Brass For Electromagnetic Door Holder (Notifier DHBBB)	63.20	16.03
28 46 13 31-1552	EA	Surface Mounted Back Box, Powder Coated Dark Bronze For Electromagnetic Door Holder (Notifier DHBBD)	68.24	16.03
28 46 13 31-1553	EA	Swivel Base Mounting Drill Fixture For Electromagnetic Door Holder (Notifier DHDF)	353.54	
28 46 13 31-1554		First Command *(28 46 13 31-0973)*		
28 46 13 31-1555	EA	Black, 120 Volt AC, 50 Watt, 25 VRMS, One Class A/B Speaker Circuit, Primary Operating Console (Notifier NFC-50/100)	6,662.65	801.84
28 46 13 31-1556	EA	Black, 220-240 Volt AC, 50 Watt, 25 VRMS, One Class A/B Speaker Circuit, Primary Operating Console (Notifier NFC-50/100E)	6,726.04	801.84
28 46 13 31-1557	EA	Black, 120 Volt AC, 50 Watt, 25 VRMS Or 70 VRMS), Four Class A/B Speaker Circuits, Distributed (Remote) Audio Amplifier (Notifier NFC-50DA)	1,798.25	64.14
28 46 13 31-1558	EA	Black, 220-240 Volt AC, 50 Watt, 25 VRMS Or 70 VRMS), Four Class A/B Speaker Circuits, Distributed (Remote) Audio Amplifier (Notifier NFC-50DAE)	1,845.80	64.14
28 46 13 31-1559	EA	Black, 120 Volt AC, 125 Watt, 25 VRMS, Four Class A/B Speaker Outputs, Distributed Audio Amplifier (Notifier NFC-125DA)	3,278.62	64.14
28 46 13 31-1560	EA	Black, , 220-240 Volt AC, 125 Watt, 25 VRMS, Four Class A/B Speaker Outputs, Distributed Audio Amplifier (Notifier NFC-125DAE)	3,384.28	64.14
28 46 13 31-1561	EA	50 Watt, 25 VRMS Audio Amplifier Module For A Second Speaker Circuit Or Backup (Notifier NFC-BDA-25 Volt)	842.25	32.08
28 46 13 31-1562	EA	50 Watt, 70 VRMS Audio Amplifier Module For A Second Speaker Circuit Or Backup (Notifier NFC-BDA-70 Volt)	842.25	32.08
28 46 13 31-1563	EA	Circuit Expander Module For NFC-50/125DA(E), Four Additional Class A/B Speaker Circuits (Notifier NFC-CE4)	526.38	32.08
28 46 13 31-1564	EA	Circuit Expander Module For NFC-50/100(E), Six Additional Class A/B Speaker Circuits (Notifier NFC-CE6)	686.51	32.08
28 46 13 31-1565	EA	Standalone Firefighter Telephone System (Notifier NFC-FFT) Note: Includes onboard SLC supports up to 24 monitor modules, built-in handset, black.	2,428.02	64.14
28 46 13 31-1566	EA	Local Operator Console (Notifier NFC-LOC) Note: Includes built-in microphone, message and zone control switches, black.	2,377.30	64.14
28 46 13 31-1567	EA	Black, Remote Microphone (Notifier NFC-RM)	689.09	
28 46 13 31-1568	EA	Remote Page Unit (Notifier NFC-RPU) Note: Includes built-in microphone, message control switches, black.	2,012.75	64.14
28 46 13 31-1569	EA	70 V Conversion Module For NFC-50/100 (Notifier NFC-XRM-70V)	399.38	32.08
28 46 13 31-1570	EA	Firefighters Phone Jack (Notifier N-FPJ)	182.28	9.62
28 46 13 31-1571	EA	Thumblatch Option For NFC-LOC And NFC-RPU (Notifier THUMBLTCH)	50.82	9.62
28 46 13 31-1572	EA	Black, Trim Ring For NFC-RPU Cabinet (Notifier TR-6-B)	163.49	19.24
28 46 13 31-1573		LED Displays *(28 46 13 31-0973)*		
28 46 13 31-1574	EA	2.1" x 27" Programmable LED Indoor Display (Notifier ALPHA-215)	1,885.96	38.49
28 46 13 31-1575	EA	Instant And Integrated Emergency Notification System (Notifier LEDSIGN-GW)	2,650.21	51.32
28 46 13 31-1576	EA	4" x 45-1/2" Programmable LED Array, Mass Notification Device (Notifier MEGADOT)	2,680.86	51.32
28 46 13 31-1577	EA	8 Messages, FACP Interface For LED Arrays (Notifier MNS-CONTROL8)	2,575.19	51.32
28 46 13 31-1578	EA	16 Messages, FACP Interface For LED Arrays (Notifier MNS-CONTROL16)	3,600.14	51.32
28 46 13 31-1579	EA	LED Sign, Instant And Integrated Emergency Notification System (Notifier OAX2-24V)	2,733.69	51.32
28 46 13 31-1580		Control Relays *(28 46 13 31-0973)*		
28 46 13 31-1581	EA	Single SPDT Relay With LED With Metal Back Box And Red Plastic Cover (Notifier MR-101/CR)	80.94	16.03
28 46 13 31-1582	EA	Single SPDT Relay With LED With Track Mounting Hardware (Notifier MR-101/T)	61.60	16.03
28 46 13 31-1583	EA	Four Position SPDT Relay With LEDs With Metal Back Box And Red Plastic Cover (Notifier MR-104/CR)	221.46	32.08
28 46 13 31-1584	EA	Four Position SPDT Relay With LED With Track Mounting Hardware (Notifier MR-104/T)	123.90	16.03
28 46 13 31-1585	EA	Four Position DSPDT Relay With LED With Track Mounting Hardware (Notifier MR-204/T)	147.64	16.03
28 46 13 31-1586	EA	24 Volt DC, 30 Amperes Contacts, DPDT Relay In Steel Enclosure (Notifier MR-199X-13C)	227.75	32.08
28 46 13 31-1587	EA	120 Volt AC, 30 Amperes Contacts, DPDT Relay In Steel Enclosure (Notifier MR-199X-14C)	227.75	32.08
28 46 13 31-1588	EA	Single DPDT Relay With LED With Metal Back Box And Red Plastic Cover (Notifier MR-201/CR)	116.77	32.08
28 46 13 31-1589	EA	Single DPDT Relay With LED With Track Mounting Hardware (Notifier MR-201/T)	66.63	16.03
28 46 13 31-1590	EA	Four Position DPDT Relay With LEDs With Metal Back Box And Red Plastic Cover (Notifier MR-204/CR)	242.06	32.08
28 46 13 31-1591	EA	24 Volt DC / 24 Volt AC / 115 Volt AC, 10 Amperes, Form C, Multi-Voltage Relay Module (Notifier PAM-1)	84.96	32.08
28 46 13 31-1592	EA	12/24 Volt DC, 7 Amperes, Form C, Multi-Voltage Relay Module (Notifier PAM-2)	84.96	32.08
28 46 13 31-1593	EA	9 To 40 Volt DC, 10 Amperes, Form C, Multi-Voltage Relay Module (Notifier PAM-4)	84.96	32.08
28 46 13 31-1594		Gamewell-FCI Fire Control Instruments *(28 46 13 31-0973)*		
28 46 13 31-1595		7100 Series And NetSOLO® *(28 46 13 31-1594)*		
28 46 13 31-1596		7100 Compact Analog Addressable Fire Alarm Control Panels *(28 46 13 31-1595)*		
28 46 13 31-1597	EA	Enclosure With Metal Door (Gamewell-FCI 7100-ENCL-M)	1,182.83	384.88
28 46 13 31-1598	EA	Basic Systems Kit, 2 Signaling Line Circuits (SLC) (Gamewell-FCI BK-7100-2)	5,098.36	641.48
28 46 13 31-1599	EA	Basic Systems Kit, With Digital Alarm Communicator Transmitter (DACT), 2 Signaling Line Circuits (SLC) (Gamewell-FCI BK-7100-2D)	5,579.12	641.48
28 46 13 31-1600	EA	Basic Systems Kit, 2 Signaling Line Circuits (SLC), 240 Volt AC (Gamewell-FCI BK-7100-2-E)	5,098.36	641.48
28 46 13 31-1601	EA	Basic Systems Kit, With Digital Alarm Communicator Transmitter (DACT), 2 Signaling Line Circuits (SLC), 240 Volt AC (Gamewell-FCI BK-7100-2D-E)	5,579.12	641.48
28 46 13 31-1602	EA	Removal And Replacement Of Board For 7100-1D (Gamewell-FCI BSM-7100-1)	1,609.51	
28 46 13 31-1603	EA	Removal And Replacement Of Board For 7100-2 (Gamewell-FCI BSM-7100-1D)	1,931.14	
28 46 13 31-1604	EA	Analog Loop Unit (Gamewell-FCI ALU)	1,931.14	64.14
28 46 13 31-1605		NetSOLO® Intelligent Network *(28 46 13 31-1595)*		
28 46 13 31-1606	EA	Intelligent Network Interface Module, Fiber Optic (Gamewell-FCI INI-7100-FO) Note: Mounted in 7100 panel.	2,142.74	64.14

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1607	EA	Intelligent Network Interface Module, Unshielded Twisted Pair (Gamewell-FCI INI-7100-UTP) Note: Mounted in 7100 panel.	1,700.92	64.14
28 46 13 31-1608		**Components And Accessories** *(28 46 13 31-1595)*		
28 46 13 31-1609	EA	Remote Serial Annunciator, LCD Display (Gamewell-FCI LCD-7100)	1,054.35	48.11
28 46 13 31-1610	EA	Remote LED Driver Module, Outputs For Remote Panel Switches And 33 Remote LEDs (Gamewell-FCI LDM-7100)	798.65	64.14
28 46 13 31-1611	EA	Fiber Optic Line Driver Module (Gamewell-FCI FLD-1)	1,470.70	64.14
28 46 13 31-1612	EA	Class "A" Optional Module For Both Signaling Line Circuits (SLC) (Gamewell-FCI CAOM)	588.74	64.14
28 46 13 31-1613	EA	Enclosure Box (Gamewell-FCI EN-7100)	471.59	128.30
28 46 13 31-1614	EA	Serial Printer (Order RJAA To Db25 Connector Separately) (Gamewell-FCI P7200-TR-2)	1,540.27	32.08
28 46 13 31-1615		**E3 Series® Basic System** *(28 46 13 31-1594)*		
28 46 13 31-1616	EA	Intelligent Loop Interface, Mother Board (Gamewell-FCI ILI-MB-E3)	1,408.16	64.14
28 46 13 31-1617	EA	Intelligent Loop Interface, Supplemental (Gamewell-FCI ILI-S-E3)	1,209.10	64.14
28 46 13 31-1618	EA	Intelligent Loop Interface, Mother Board, XP95 Protocol (Gamewell-FCI ILI95-MB-E3)	1,408.16	64.14
28 46 13 31-1619	EA	Intelligent Loop Interface, Supplemental, XP95 Protocol (Gamewell-FCI ILI95-S-E3)	1,209.10	64.14
28 46 13 31-1620	EA	LCD Keypad Display (Gamewell-FCI LCD-E3)	896.92	64.14
28 46 13 31-1621	EA	Power Supply Module (Gamewell-FCI PM-9)	1,176.58	64.14
28 46 13 31-1622	EA	Transponder 9 Amperes Power Supply (Gamewell-FCI PM-9 INX)	989.56	64.14
28 46 13 31-1623	EA	Power Supply And Charger, 120/220 Volt AC (Gamewell-FCI PM-9G 9A)	982.07	32.08
28 46 13 31-1624	EA	Digital Alarm Communication Transmitter (Gamewell-FCI DACT-E3)	559.61	64.14
28 46 13 31-1625	EA	Network Repeater, Fiber Optic (Gamewell-FCI RPT-E3-FO)	1,510.74	64.14
28 46 13 31-1626	EA	Network Repeater, Unshielded Twisted Pair (Gamewell-FCI RPT-E3-UTP)	1,264.65	64.14
28 46 13 31-1627	EA	Local Operating Console (Gamewell-FCI 1100-0455)	843.62	48.11
28 46 13 31-1628	EA	Network Graphic Annunciator (Gamewell-FCI 1100-0505)	2,730.52	48.11
28 46 13 31-1629	EA	70.7 VRMS Audio Output Series Amplifier Module (Gamewell-FCI AM-50-70)	1,078.95	64.14
28 46 13 31-1630	EA	INI-VGE-UTP Classic Enabled Voice Gateway Module (Gamewell-FCI 1100-1326)	3,301.94	64.14
28 46 13 31-1631	EA	8-1/4" Wide x 10" High x 4-1/2" Deep Cabinet (Gamewell-FCI E3BB-BAA1)	751.13	128.30
28 46 13 31-1632	EA	C Size, Black, Command Center Enclosure (Gamewell-FCI E3BB-BC/INCC)	549.48	128.30
28 46 13 31-1633	EA	Double Size, Blank, Inner Door Panel (Gamewell-FCI E3-BP)	120.15	32.08
28 46 13 31-1634	EA	Programmable Switch Module (Gamewell-FCI ASM-16)	754.53	64.14
28 46 13 31-1635	EA	LED Driver module (Gamewell-FCI ANU-48)	754.53	64.14
28 46 13 31-1636	EA	Network Graphic Annunciator (Gamewell-FCI NGA)	2,288.75	48.11
28 46 13 31-1637		**Addressable Devices, Module, Pulls And Accessories** *(28 46 13 31-1594)*		
28 46 13 31-1638		**Velociti® Series Sensors And Bases** *(28 46 13 31-1637)*		
28 46 13 31-1639	EA	Analog Addressable Plug-In Ionization Smoke Sensor (Gamewell-FCI ASD-IL2F)	235.03	48.11
28 46 13 31-1640	EA	Analog Addressable Plug-In Photoelectric Smoke Sensor (Gamewell-FCI ASD-PL2F)	240.11	48.11
28 46 13 31-1641	EA	Analog Addressable Plug-In Photoelectric Smoke Sensor With 135 Degree F Fixed Temperature Thermal Sensing (Gamewell-FCI ASD-PTL2F)	255.34	48.11
28 46 13 31-1642	EA	Addressable Plug-In Thermal Sensor, 15 Degree F Rate Of Rise, 135 Degree F (Gamewell-FCI ATD-RL2F)	194.40	48.11
28 46 13 31-1643	EA	Addressable Plug-In Thermal Sensor, 190 Degree F (Gamewell-FCI ATD-HL2F)	202.87	48.11
28 46 13 31-1644	EA	Addressable Plug-In Thermal Sensor, 135 Degree F (Gamewell-FCI ATD-L2F)	194.40	48.11
28 46 13 31-1645	EA	Addressable Plug-In Multi-Criteria Analog Sensor (Gamewell-FCI MCS-ACCLIMATE2F)	290.89	48.11
28 46 13 31-1646	EA	Analog Addressable Laser Smoke Sensor, Low Profile (Gamewell-FCI ASD-LS)	646.38	48.11
28 46 13 31-1647	EA	Analog Addressable Low Flow Photoelectric Smoke Duct Detector Without Relay (Gamewell-FCI ADPF)	541.24	80.19
28 46 13 31-1648	EA	Analog Addressable Low Flow Photoelectric Smoke Duct Detector With Relay (Gamewell-FCI ADPRF)	608.95	80.19
28 46 13 31-1649	EA	Removal And Replacement Of Duct Detector Board (Gamewell-FCI ADP-F-SB)	290.71	
28 46 13 31-1650	EA	Flanged Mounting Base, For Use With Analog Sensor Or Velociti Sensors (Gamewell-FCI ADB-FLF)	59.16	16.03
28 46 13 31-1651	EA	Harsh Environment Analog Addressable Photoelectric Smoke Sensor (Gamewell-FCI ASD-FILTREX-F)	697.17	48.11
28 46 13 31-1652	EA	Flanged Mounting Base, For Use With ASD-FILTREX Or ASD-FILTREX-F (Gamewell-FCI ADB-FILTREXF)	137.88	16.03
28 46 13 31-1653	EA	Addressable Single-Ended Reflected Beam Smoke Sensor (Gamewell-FCI ABD-2F)	2,477.73	96.22
28 46 13 31-1654		**Velociti® Series Modules And Pull Station** *(28 46 13 31-1637)*		
28 46 13 31-1655	EA	Style B, Class B Addressable Monitor Module (Gamewell-FCI AMM-2F)	171.63	32.08
28 46 13 31-1656	EA	Dual Style B, Class B Addressable Monitor Module (Gamewell-FCI AMM-2IF)	279.13	32.08
28 46 13 31-1657	EA	Style D, Class A Addressable Monitor Module (Gamewell-FCI AMM-4F)	188.56	32.08
28 46 13 31-1658	EA	Subloop Style D, Class A Addressable Monitor Module (Gamewell-FCI AMM-4SF)	267.28	32.08
28 46 13 31-1659	EA	Addressable Output Relay Control Module (Gamewell-FCI AOM-2RF)	222.42	32.08
28 46 13 31-1660	EA	Addressable Output Supervised Module (Gamewell-FCI AOM-2SF)	230.88	32.08
28 46 13 31-1661	EA	Addressable Double Action Station, With AMM-2SF Mini-Mod (Gamewell-FCI MS-7AF)	320.43	64.14
28 46 13 31-1662	EA	Addressable Single Action Pull Station (Gamewell-FCI MS-7ASF)	238.50	32.08
28 46 13 31-1663	EA	Telephone Filters (Gamewell-FCI AOM-TEL-FL)	38.22	6.41
28 46 13 31-1664		**Components And Accessories** *(28 46 13 31-1637)*		
28 46 13 31-1665	EA	Remote LED Annunciator Alarm (Gamewell-FCI RA400Z) Note: Mounts on single gang box.	93.64	25.66
28 46 13 31-1666	EA	Up To 2' Wide Ducts Metal Sampling Tube (Gamewell-FCI ST-1.5)	46.82	12.83
28 46 13 31-1667	EA	>2' To 4' Wide Ducts Metal Sampling Tube (Gamewell-FCI ST-3)	50.21	12.83
28 46 13 31-1668	EA	>4' To 8' Wide Ducts Metal Sampling Tube (Gamewell-FCI ST-5)	60.01	16.03
28 46 13 31-1669	EA	>8' To 10' Wide Ducts Metal Sampling Tube (Gamewell-FCI ST-10)	97.74	19.24
28 46 13 31-1670	EA	Remote Test Station With LED Alarm And Magnet Test Switch (Gamewell-FCI RTS451) Note: Mounts on single gang box.	146.12	25.66

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1671		**Fixed And Rate of Rise Heat Detectors** *(28 46 13 31-1637)*		
28 46 13 31-1672	EA	135 Degree F Fixed Temperature And Rate Of Rise Heat Detector (Gamewell-FCI 5601P)	125.00	48.11
28 46 13 31-1673	EA	194 Degree F Fixed Temperature And Rate Of Rise Heat Detector (Gamewell-FCI 5602)	125.00	48.11
28 46 13 31-1674	EA	135 Degree F Fixed Temperature Heat Detector (Gamewell-FCI 5603)	123.34	48.11
28 46 13 31-1675	EA	194 Degree F Fixed Temperature Heat Detector (Gamewell-FCI 5604)	123.34	48.11
28 46 13 31-1676		**NAC Expander/Power Supply** *(28 46 13 31-1637)*		
28 46 13 31-1677	EA	FireForce 8 NAC Expander/Power Supply, 12/24 Volt DC, 8 Amperes, 4 Notification Appliance Circuits, Built-in Synchronization Protocols For Gamewell, Wheelock, Gentex, Faraday, And System Sensor (Gamewell-FCI FF8)	2,245.18	513.18
28 46 13 31-1678	EA	6A Supplementary Notification Appliance Circuit Power Supply With Sync (Gamewell-FCI GFPS-6)	1,923.55	513.18
28 46 13 31-1679	EA	9A Supplementary Notification Appliance Circuit Power Supply With Sync (Gamewell-FCI GFPS-9)	2,084.37	513.18
28 46 13 31-1680		**Batteries And Accessories** *(28 46 13 31-1594)*		
28 46 13 31-1681	EA	B-17R, 12 Volt DC, 17 Ampere Hours Sealed Lead Acid Battery (Gamewell-FCI 100-2010A)	355.30	32.08
28 46 13 31-1682	EA	B-55R, 12 Volt DC, 55 Ampere Hours Sealed Lead Acid Battery (Gamewell-FCI 100-2710A)	907.16	32.08
28 46 13 31-1683	EA	B-7R, 12 Volt DC, 7 Ampere Hours Sealed Lead Acid Battery (Gamewell-FCI 100-2311A)	186.02	32.08
28 46 13 31-1684	EA	BC-1, Battery Cabinet, Beige (Gamewell-FCI 1100-0653)	434.70	64.14
28 46 13 31-1685	EA	BC-1R, Battery Cabinet, Red (Gamewell-FCI 1100-0654)	434.70	64.14
28 46 13 31-1686	EA	12" High x 12" Wide x 24" Length Vented Steel Battery Cabinet With Hinged Key Lockable Cover (Gamewell-FCI GW70970)	385.61	64.14
28 46 13 31-1687		**Electronic Door Holders** *(28 46 13 31-1594)* Note: Rixson products.		
28 46 13 31-1688	EA	XK-996, Door Holder Extender Kit, 1-1/2" Spacer (Gamewell-FCI 140-30000)	62.60	6.41
28 46 13 31-1689	EA	FM-980, 12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Floor Mount Door Holder(Gamewell-FCI 140-90000)	502.49	48.11
28 46 13 31-1690	EA	FM-981, 12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Floor Mount Holder For Double Doors (Gamewell-FCI 140-90001)	687.01	48.11
28 46 13 31-1691	EA	FM-990, 12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Low Profile Mount Door Holder (Gamewell-FCI 140-90002)	318.66	48.11
28 46 13 31-1692	EA	FM-996, 12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Surface Mount Door Holder (Gamewell-FCI 140-90003)	303.42	48.11
28 46 13 31-1693	EA	FM-997, 12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Recessed Mount Door Holder (Gamewell-FCI 140-90004)	318.66	48.11
28 46 13 31-1694	EA	FM-998, 12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Recessed Mount Door Holder With Concealed Wiring (Gamewell-FCI 140-90005)	317.98	48.11
28 46 13 31-1695		**Fire Alarm Programming** *(28 46 13 31-1594)* Note: For device replacement projects only. Tasks not to be used on projects where a fire alarm panel is replaced.		
28 46 13 31-1696	EA	Program And Test Up To 5 Total Fire Alarm Devices	500.00	
28 46 13 31-1697	EA	Program And Test >5 To 20 Total Fire Alarm Devices	1,000.00	
28 46 13 31-1698	EA	Program And Test >20 To 50 Total Fire Alarm Devices	2,000.00	
28 46 13 31-1699		**Fire-Lite Fire Alarm** *(28 46 13 31-0972)*		
28 46 13 31-1700		**Intelligent Addressable Fire Alarm Control Panel** *(28 46 13 31-1699)*		
28 46 13 31-1701	EA	50 Point, Addressable Fire Alarm Control Panels (Fire-Lite ES-50X)	1,351.83	256.60
28 46 13 31-1702	EA	198 Point, Addressable Fire Alarm Control Panels (Fire-Lite ES-200X)	1,738.58	288.66
28 46 13 31-1703	EA	954 Point, Addressable Fire Alarm Control Panels (Fire-Lite ES-1000X)	2,589.49	320.74
28 46 13 31-1704	EA	Loop Expander Module (Fire-Lite SLC-3LS)	767.04	48.11
28 46 13 31-1705	EA	Optional Cabinet For 1 Or 2 Modules (Fire-Lite BB-2F)	214.70	32.08
28 46 13 31-1706	EA	Optional Cabinet For Up To 6 Modules Mounted On CHS-6 (Fire-Lite BB-6F)	302.95	32.08
28 46 13 31-1707	EA	Battery Back Box (Fire-Lite BB-26)	186.13	19.24
28 46 13 31-1708	EA	Battery Box (Fire-Lite BB-55F)	342.77	19.24
28 46 13 31-1709	EA	Chassis, Mounts Up To 6 Multi-Modules In A BB-6F Cabinet (Fire-Lite CHS-6)	94.48	12.83
28 46 13 31-1710	EA	Chassis, Mounts Up To Six Multi-Modules In A BB-6F Cabine (Fire-Lite CHG-75)	803.39	32.08
28 46 13 31-1711	EA	Battery Charger For Lead-Acid Batteries With A Rating Of 25 To 75 AH (Fire-Lite CHG-120F)	1,712.25	64.14
28 46 13 31-1712	EA	6 AMP, NAC Expander Power Supply (Fire-Lite FL-PS6)	931.39	32.08
28 46 13 31-1713	EA	10 AMP, NAC Expander Power Supply (Fire-Lite FL-PS10)	962.34	32.08
28 46 13 31-1714	EA	Remote, Red LCD Annunciator Mimics The Information Displayed On The Face LCD Display (Fire-Lite ANN-80)	377.57	32.08
28 46 13 31-1715	EA	Led Driver Module Provides Connections To A User Supplied Graphic Annunciator (Fire-Lite ANN-I/O)	461.79	32.08
28 46 13 31-1716	EA	Annunciator Module Provides Three Leds For Each Zone: Alarm, Trouble, And Supervisory. Ships With Red Enclosure (Fire-Lite ANN-LED)	404.03	32.08
28 46 13 31-1717	EA	Provides Alarm (Red) Indicators For Up To 30 Input Zones Or Addressable Points (Fire-Lite ANN-RLED)	404.03	32.08
28 46 13 31-1718	EA	Relay Module Provides 10 Programmable Form-C Relays (Fire-Lite ANN-RLY)	325.15	32.08
28 46 13 31-1719	EA	Serial/Parallel Printer Gateway Module (Fire-Lite ANN-S/PG)	318.02	32.08
28 46 13 31-1720	EA	Addressable Low-Profile Photoelectric Smoke Detector (Fire-Lite SD365(A))	165.76	48.11
28 46 13 31-1721	EA	Addressable Low-Profile Photoelectric Smoke Detector With Thermal Sensor (Fire-Lite SD365T(A))	185.24	48.11
28 46 13 31-1722	EA	Remote Test Capable Addressable Photoelectric Smoke Detector For Use With DNR (W) Duct Detector Housing (Fire-Lite SD365R(A))	190.82	48.11
28 46 13 31-1723	EA	Addressable, Low-Profile Device That Provides Fire, Heat, And Carbon Monoxide (CO) Detection (Fire-Lite SD365CO)	338.11	48.11
28 46 13 31-1724	EA	Low-Profile 135°F Fixed Thermal Sensor (Fire-Lite H365(A))	158.80	48.11
28 46 13 31-1725	EA	Low-Profile, Intelligent, Rate-Of-Rise Thermal Sensor (Fire-Lite H365R(A))	178.20	48.11
28 46 13 31-1726	EA	Low-Profile Intelligent 190°F/88°C Fixed Thermal Sensor (Fire-Lite H365HT(A))	209.83	48.11
28 46 13 31-1727	EA	Low-Flow Non-Relay Duct-Detector Housing (Fire-Lite D365PL)	652.32	48.11
28 46 13 31-1728	EA	Addressable Low-Profile Ionization Smoke Detector (Fire-Lite CP355(A))	244.27	48.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1729	EA	Addressable Low-Profile Photoelectric Smoke Detector (Fire-Lite SD355(A))	165.76	48.11
28 46 13 31-1730	EA	Addressable Low-Profile Photoelectric Smoke Detector With Thermal Sensor (Fire-Lite SD355T(A))	212.78	48.11
28 46 13 31-1731	EA	Remote Test Capable Addressable Photoelectric Smoke Detector For Use With DNR (W) Duct Detector Housing (Fire-Lite SD355R(A))	237.69	48.11
28 46 13 31-1732	EA	Addressable, Low-Profile Device That Provides Fire, Heat, And Carbon Monoxide (Co) Detection (Fire-Lite SD355CO)	176.19	48.11
28 46 13 31-1733	EA	Fast-Response, Low-Profile Heat Detector (Fire-Lite H355(A))	212.13	48.11
28 46 13 31-1734	EA	Fast-Response, Low-Profile Heat Detector With Rate-Of-Rise Option (Fire-Lite H355R(A))	205.45	48.11
28 46 13 31-1735	EA	Fast-Response, Low-Profile Heat Detector That Activates At 190°F/88°C (Fire-Lite H355HT(A))	239.89	48.11
28 46 13 31-1736	EA	Low-Profile, Intelligent, “Adapt” Multi-Sensor Detector (B350LP Base Included) (Fire-Lite AD355(A))	234.40	48.11
28 46 13 31-1737	EA	Programmable, Addressable Sounder Base (Fire-Lite B200S(A)-WH)	149.08	32.08
28 46 13 31-1738	EA	Addressable Sounder Base (Fire-Lite B200SR(A)-WH)	171.69	32.08
28 46 13 31-1739	EA	Programmable, Addressable Sounder Base, Low-Frequency (Fire-Lite B200S-LF-WH)	196.06	32.08
28 46 13 31-1740	EA	Addressable Sounder Base, Low-Frequency (Fire-Lite B200SR-LF-WH)	200.16	32.08
28 46 13 31-1741	EA	Intelligent Beam Smoke Detector (Fire-Lite BEAM355)	1,779.65	48.11
28 46 13 31-1742	EA	Intelligent Beam Smoke Detector With Integral Sensitivity Test (Fire-Lite BEAM355S)	2,036.28	48.11
28 46 13 31-1743	EA	Innovairflex Low-Flow Non-Relay Duct-Detector Housing (Includes SD355R) (Fire-Lite D355PL(A))	289.83	32.08
28 46 13 31-1744	EA	Innovairflex Low-Flow Non-Relay Duct-Detector Housing (Fire-Lite DNR(A))	177.05	32.08
28 46 13 31-1745	EA	Innovairflex Low-Flow Non-Relay Duct-Detector Housing, With NEMA-4 Rating, Watertight (Fire-Lite DNRW)	270.81	32.08
28 46 13 31-1746	EA	Addressable Control Module For One Class B Or A Zone Of Supervised Polarized Notification Appliances (Fire-Lite CMF-300)	115.19	19.24
28 46 13 31-1747	EA	Six-Circuit Supervised Control Module (Fire-Lite CMF-300-6)	591.74	32.08
28 46 13 31-1748	EA	Addressable Relay Module Containing Two Isolated Sets Of Form-C Contacts, Which Operate As A Dpdt Switch (Fire-Lite CRF-300)	173.91	32.08
28 46 13 31-1749	EA	Six-Relay Control Module (Form-C Relays) (Fire-Lite CRF-300-6)	494.62	32.08
28 46 13 31-1750	EA	Module Isolates The SLC (DCL) Loop From Short Circuit Conditions (Fire-Lite I300)	94.26	16.03
28 46 13 31-1751	EA	Six-Fault Isolator Module (Fire-Lite ISO-6)	443.37	32.08
28 46 13 31-1752	EA	Dual Monitor Module (Fire-Lite MDF-300)	211.08	32.08
28 46 13 31-1753	EA	Addressable Monitor Module For One Zone Of Normally-Open Dry-Contact Initiating Devices (Fire-Lite MMF-300)	94.00	16.03
28 46 13 31-1754	EA	Ten-Input Monitor Module (Fire-Lite MMF-300-10)	640.28	32.08
28 46 13 31-1755	EA	Miniature Version Of MMF-300 (Fire-Lite MMF-301)	125.02	25.66
28 46 13 31-1756	EA	Addressable Monitor Module For One Zone Of Conventional Two-Wire Detectors (Fire-Lite MMF-302)	177.71	32.08
28 46 13 31-1757	EA	Six-Zone Interface Module (Fire-Lite MMF-302-6)	633.28	32.08
28 46 13 31-1758	EA	Mount For Modules (Fire-Lite SMB500)	18.96	3.21
28 46 13 31-1759		**Addressable Control Panels** *(28 46 13 31-1699)*		
28 46 13 31-1760	EA	25 Point Intelligent Control (Fire Lite MS-25)	2,198.09	641.48
28 46 13 31-1761	EA	50 Point Intelligent Control (Fire Lite MS-9050UD)	2,420.74	641.48
28 46 13 31-1762	EA	198-Point Intelligent Control (Fire Lite MS-9200UDLS)	3,405.40	641.48
28 46 13 31-1763	EA	636-Point Intelligent Control (Fire Lite MS-9600LS)	5,023.29	641.48
28 46 13 31-1764	EA	636-Point Intelligent Control (Fire Lite MS-9600UDLS)	4,923.09	641.48
28 46 13 31-1765	EA	IP And 4G Cellur Fire Alram Communicator For Fire Alarm Control Panel (Fire-Lite IPGSM-4G)	693.74	
28 46 13 31-1766		**Silent Knight Fire Alarm** *(28 46 13 31-0972)*		
28 46 13 31-1767		**Addressable Fire Alarm Control Panel** *(28 46 13 31-1766)*		
28 46 13 31-1768	EA	Addressable Fire Alarm Control Panel (Silent Knight 6820)	2,667.36	320.74
28 46 13 31-1769		**Intelligent Addressable Fire Alarm Control Panel with Emergency Voice System** *(28 46 13 31-1766)*		
28 46 13 31-1770	EA	Intelligent Fire Alarm Control Panel with Emergency Voice System (Silent Knight 6820EVS)	5,153.78	320.74
28 46 13 31-1771		**Compatable EVS Equipment** *(28 46 13 31-1766)*		
28 46 13 31-1772	EA	50 Watt Amplifier (Silent Knight EVS-50W)	940.70	64.14
28 46 13 31-1773	EA	125 Watt Amplifier (Silent Knight EVS-125W)	1,644.66	64.14
28 46 13 31-1774	EA	50/100 Watt Amplifier (Silent Knight EVS-100W)	2,042.91	64.14
28 46 13 31-1775	EA	External Backup Amplifier (Silent Knight EVS-100WBU)	721.87	64.14
28 46 13 31-1776	EA	50 Watt Internal Amplifier (Silent Knight EVS-INT50W)	679.15	64.14
28 46 13 31-1777	EA	4 Additional Audio Circuits (Silent Knight EVS-CE4)	246.51	16.03
28 46 13 31-1778	EA	Remote Voice Module (Silent Knight EVS-RVM)	1,094.70	25.66
28 46 13 31-1779	EA	24 Switch Expander (Silent Knight EVS-SW24)	436.34	32.08
28 46 13 31-1780	EA	Network Voice Control Module (Silent Knight EVS-VCM)	1,309.75	25.66
28 46 13 31-1781	EA	Local Operator Consoule (Silent Knight EVS-LOC)	1,766.28	64.14
28 46 13 31-1782		**Compatable SBUS Devices** *(28 46 13 31-1766)*		
28 46 13 31-1783	EA	4x40 LCD Remote Fire Annunciator With Four Programmable Buttons, Red (Silent Knight 6860)	1,060.50	64.14
28 46 13 31-1784	EA	4x20 LCD Remote Fire Annunciator, Gray (Silent Knight 5860)	479.35	64.14
28 46 13 31-1785	EA	4x20 LCD Remote Fire Annunciator, Red (Silent Knight 5860R)	569.62	64.14
28 46 13 31-1786	EA	4x20 LCD Remote Fire Annunciator, Red (Silent Knight 6855)	377.03	64.14
28 46 13 31-1787	EA	LED Annunciators- Display Up To 30 LEDs (15 Red/15 Yellow) (Silent Knight 5865-3)	482.74	64.14
28 46 13 31-1788	EA	LED Annunciators- Display Up To 30 LEDs (15 Red/15 Yellow) With Key Switches For Silence And Reset, And A System Trouble Led (Silent Knight 5865-4)	509.89	64.14
28 46 13 31-1789	EA	LED I/O Module With 40 Programmable LED Outputs And Eight Supervised Dry Contact Inputs (Silent Knight 5880)	398.11	48.11
28 46 13 31-1790	EA	Relay Interface. Provides 10 Form C Relays (Silent Knight 5883)	241.77	32.08
28 46 13 31-1791	EA	Serial/Parallel Printer Interface Module For Printer Connection (Silent Knight 5824)	326.20	32.08

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1792		**SK Compatible Addressable Device** *(28 46 13 31-1766)*		
28 46 13 31-1793	EA	Multi Criteria Photoelectric Smoke Detector With Thermal 135°F Fixed Temperature (Silent Knight SK-ACCLIMATE)	173.39	48.11
28 46 13 31-1794	EA	Reflected Beam Smoke Detector Without Test Feature (Silent Knight SK-BEAM)	969.15	48.11
28 46 13 31-1795	EA	Reflected Beam Smoke Detector With Test Feature (Silent Knight SK-BEAM-T)	1,098.18	48.11
28 46 13 31-1796	EA	Reflected Beam Smoke Detector, SK Protocol (Silent Knight OSI-RI-SK)	1,238.10	48.11
28 46 13 31-1797	EA	Supervised Control Module (Silent Knight SK-CONTROL)	171.69	48.11
28 46 13 31-1798	EA	Six Circuit Supervised Control Module (Silent Knight SK-CONTROL-6)	508.77	64.14
28 46 13 31-1799	EA	Photoelectric Duct Smoke Detector With Extended Air Speed Range (Silent Knight SK-DUCT)	276.35	48.11
28 46 13 31-1800	EA	Four Criteria Fire And Carbon Monoxide Detector (Silent Knight SK-FIRE-CO)	249.75	48.11
28 46 13 31-1801	EA	Four Criteria Fire And Carbon Monoxide Detector, White (Silent Knight SK-FIRE-CO-W)	278.49	48.11
28 46 13 31-1802	EA	Fixed Thermal Detector (135°F) (Silent Knight SK-HEAT)	157.98	48.11
28 46 13 31-1803	EA	Fixed Thermal Detector (135°F), White (Silent Knight SK-HEAT-W)	162.35	48.11
28 46 13 31-1804	EA	Fixed Rate Of Rise Detector (Silent Knight SK-HEAT-ROR)	159.70	48.11
28 46 13 31-1805	EA	Fixed Rate Of Rise Detector, White (Silent Knight SK-HEAT-ROR-W)	162.35	48.11
28 46 13 31-1806	EA	Fixed High Temperature Heat Detector (190°F) (Silent Knight SK-HEAT-HT)	157.98	48.11
28 46 13 31-1807	EA	Fixed High Temperature Heat Detector (190°F), White (Silent Knight SK-HEAT-HT-W)	162.35	48.11
28 46 13 31-1808	EA	Fault Isolator Module (Silent Knight SK-ISO)	157.98	48.11
28 46 13 31-1809	EA	Mini Monitor Module (Silent Knight SK-MINIMON)	145.96	48.11
28 46 13 31-1810	EA	Monitor Module (Silent Knight SK-MONITOR)	154.85	48.11
28 46 13 31-1811	EA	Dual Input Monitor Module (Silent Knight SK-MONITOR-2)	199.16	48.11
28 46 13 31-1812	EA	10 Input Monitor Module (Silent Knight SK-MON-10)	573.28	64.14
28 46 13 31-1813	EA	Photoelectric Smoke Detector (Silent Knight SK-PHOTO)	161.41	48.11
28 46 13 31-1814	EA	Photoelectric Smoke Detector, White (Silent Knight SK-PHOTO-W)	170.41	48.11
28 46 13 31-1815	EA	Photoelectric Detector With Remote Test Capability (Silent Knight SK-PHOTO-R)	163.97	48.11
28 46 13 31-1816	EA	Photoelectric Detector With Remote Test Capability, White (Silent Knight SK-PHOTO-R-W)	173.10	48.11
28 46 13 31-1817	EA	Photoelectric Smoke Detector With Fixed Thermal Heat (135°F) (Silent Knight SK-PHOTO-T)	168.27	48.11
28 46 13 31-1818	EA	Photoelectric Smoke Detector With Fixed Thermal Heat (135°F), White (Silent Knight SK-PHOTO-T-W)	177.38	48.11
28 46 13 31-1819	EA	Multi Criteria Photoelectric Smoke Detector With Thermal 135°F Fixed Temperature, White (Silent Knight SK-PTIR-W)	188.12	48.11
28 46 13 31-1820	EA	Addressable Single Action Pull Station (Silent Knight SK-PULL-SA)	150.89	32.08
28 46 13 31-1821	EA	Addressable Dual Action Pull Station (Silent Knight SK-PULL-DA)	150.89	32.08
28 46 13 31-1822	EA	Addressable Relay Module (Silent Knight SK-RELAY)	139.61	32.08
28 46 13 31-1823	EA	Addressable Six Relay Control Module (Silent Knight SK-RELAY-6)	495.53	64.14
28 46 13 31-1824	EA	Addressable Dual Relay/Monitor Module (Silent Knight SK-RELAYMON-2)	310.65	48.11
28 46 13 31-1825	EA	Addressable Zone Interface Module (Silent Knight SK-ZONE)	185.43	48.11
28 46 13 31-1826	EA	Six Zone Interface Module (Silent Knight SK-ZONE-6)	596.45	64.14
28 46 13 31-1827		**SK Bases** *(28 46 13 31-1766)*		
28 46 13 31-1828	EA	6" Mounting Base (Silent Knight B210LP)	46.23	16.03
28 46 13 31-1829	EA	4" Flangeless Mounting Base (Silent Knight B501)	49.09	16.03
28 46 13 31-1830	EA	Intelligent Sounder Base (Silent Knight B200S)	93.82	16.03
28 46 13 31-1831	EA	Low-Frequency Intelligent Sounder Base (Silent Knight B200-LF)	129.87	16.03
28 46 13 31-1832	EA	Relay Base (Silent Knight B224RB)	77.38	16.03
28 46 13 31-1833	EA	Isolator Base (Silent Knight B224BI)	76.50	16.03
28 46 13 31-1834		**SD Compatible Addressable Device** *(28 46 13 31-1766)*		
28 46 13 31-1835	EA	Addressable Smoke 4" Detector Base (Silent Knight SD505-4AB)	44.42	16.03
28 46 13 31-1836	EA	Addressable Smoke 6" Detector Base (Silent Knight SD505-6AB)	59.50	16.03
28 46 13 31-1837	EA	6" Addressable Relay Base (Silent Knight SD505-6RB)	160.35	16.03
28 46 13 31-1838	EA	6" Addressable Sounder Base (Silent Knight SD505-6SB)	166.00	16.03
28 46 13 31-1839	EA	Addressable Input Module (Silent Knight SD500-AIM)	269.04	48.11
28 46 13 31-1840	EA	Addressable Notification Module (Silent Knight SD500-ANM)	257.49	48.11
28 46 13 31-1841	EA	Addressable Relay Module (Silent Knight SD500-ARM)	277.46	48.11
28 46 13 31-1842		**System Expanders** *(28 46 13 31-1766)*		
28 46 13 31-1843	EA	SLC Expander For IDP Or SK Devices (Silent Knight 6815)	568.02	64.14
28 46 13 31-1844	EA	SLC Expander For SD Devices (Silent Knight 5815XL)	501.40	64.14
28 46 13 31-1845	EA	6A Power Supply With 6 Flexput Circuits And 2 Form C Relays (Silent Knight RPS-1000)	884.64	32.08
28 46 13 31-1846	EA	6 AMP NAC Power Expander With 4 Power-Limited Output Ckts (Silent Knight 5496)	624.91	96.22
28 46 13 31-1847		**Miscellaneous Accessories** *(28 46 13 31-1766)*		
28 46 13 31-1848	EA	Remote Battery Box Accessory Cabinet (Silent Knight RBB)	151.62	32.08
28 46 13 31-1849		**Silent Knight Fire Alarm** *(28 46 13 31-0972)*		
28 46 13 31-1850	EA	Addressable Fire Alarm Control Panel With Integrated Emergency Communication System (Silent Knight 5820XL-EVS)	5,569.02	320.74
28 46 13 31-1851	EA	Supervised Remote Command Unit (Silent Knight EVS-RCU)	2,301.65	192.44
28 46 13 31-1852	EA	Voice Evacuation System (Silent Knight SKE-450)	2,765.57	128.30
28 46 13 31-1853	EA	Fire Fighters Telephone (Silent Knight SK-FFT)	2,290.89	128.30
28 46 13 31-1854	EA	Multi-Loop Addressable Fire Alarm Control/Communicator System (Silent Knight 5820XL)	2,433.07	192.44
28 46 13 31-1855	EA	Single Loop Addressable Fire Alarm Control/Communicator System (Silent Knight 5808)	1,739.36	128.30
28 46 13 31-1856	EA	Single Loop Addressable Fire Alarm Control/Communicator System (Silent Knight 5700)	1,324.73	128.30

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1857	EA	Hybrid Conventional Fire Alarm Control/Communicator System (Silent Knight 5600)	1,139.46	128.30
28 46 13 31-1858	EA	Ionization Smoke Detector (Silent Knight SK-ION)	215.69	48.11
28 46 13 31-1859	EA	Sounder Base (Silent Knight B200SR)	123.19	16.03
28 46 13 31-1860	EA	Intelligent Sounder Base (Silent Knight B200S)	130.59	16.03
28 46 13 31-1861	EA	Isolator Base (Silent Knight B224BI)	102.28	16.03
28 46 13 31-1862	EA	Relay Base (Silent Knight B224RB)	103.49	16.03
28 46 13 31-1863	EA	Analog Ionization Smoke Detector (Silent Knight SD505-AIS)	210.96	48.11
28 46 13 31-1864	EA	Addressable Heat Sensor (Silent Knight SD505-AHS)	192.85	48.11
28 46 13 31-1865	EA	Addressable Photoelectric Smoke Detector (Silent Knight SD505-APS)	197.18	48.11
28 46 13 31-1866	EA	6" Isolator Base (Silent Knight SD505-6IB)	129.37	16.03
28 46 13 31-1867	EA	SLC Annunciator Driver Module (Silent Knight SD500-LED)	858.02	96.22
28 46 13 31-1868	EA	Loop Isolation Module (Silent Knight SD500-LIM)	204.58	48.11
28 46 13 31-1869	EA	Addressable Mini Input Module (Silent Knight SD500-MIM)	161.43	32.08
28 46 13 31-1870	EA	Single Action Addressable Pull Station (Silent Knight SD500-PS)	208.81	32.08
28 46 13 31-1871	EA	Dual Action Addressable Pull Station (Silent Knight SD500-PSDA)	199.32	32.08
28 46 13 31-1872	EA	Back Box (Silent Knight SK-PSSMBB)	91.03	25.66
28 46 13 31-1873	EA	Smoke Detector Module (Silent Knight SD500-SDM)	229.02	48.11
28 46 13 31-1874	EA	Addressable Duct Housing (Silent Knight SD505-DUCT)	333.22	48.11
28 46 13 31-1875	EA	Addressable Duct Housing With Built-In Relay (Silent Knight SD505-DUCTR)	487.40	48.11
28 46 13 31-1876	EA	Addressable Duct Detector Test Switch (Silent Knight SD505-DTS)	202.12	48.11
28 46 13 31-1877	EA	Intelligent Power Module (Silent Knight 5895XL)	1,237.81	128.30
28 46 13 31-1878	EA	Addressable Pull Station (Silent Knight SK-Pull-DA/SA)	199.32	32.08
28 46 13 31-1879	EA	Digital Fire Communicator with Cabinet (Silent Knight SK-5104)	695.61	96.22
28 46 13 31-1880	EA	Communicator (Silent Knight IPGSM-4G)	1,034.19	64.14
28 46 13 31-1881	EA	Ten Zone Conventional Fire Alarm Control Panel (Silent Knight SK-5208)	1,633.13	128.30
28 46 13 31-1882	EA	10 Zone Expander (Silent Knight SK-5217)	457.64	32.08
28 46 13 31-1883	EA	Remote Annunciator (Silent Knight SK-5235)	456.98	64.14
28 46 13 31-1884	EA	Status Display Module (Silent Knight 5280)	131.88	32.08
28 46 13 31-1885	EA	Four Zone Conventional Fire Alarm Control Panel (Silent Knight SK-4)	926.75	128.30
28 46 13 31-1886	EA	Four Zone Conventional Fire Alarm Control Panel (Silent Knight SK-4E)	945.04	128.30
28 46 13 31-1887	EA	Dress Panel (Silent Knight SK-DP2/4)	174.96	32.08
28 46 13 31-1888	EA	Class A Convertor (Silent Knight SK-CAC4)	457.31	48.11
28 46 13 31-1889	EA	Transmitter Module (Silent Knight SK-4XTM	240.89	48.11
28 46 13 31-1890	EA	LED Interface Module (Silent Knight SK-4XLM	221.91	48.11
28 46 13 31-1891	EA	110 Volt AC, 3-6 Amperes, Transformer (Silent Knight SK-XRM24)	227.78	32.08
28 46 13 31-1892	EA	Remote Annunciator (Silent Knight SK-RZA4)	221.91	48.11
28 46 13 31-1893	EA	Zone Relay Module (Silent Knight SK-4XZM)	238.51	48.11
28 46 13 31-1894	EA	Two Zone Conventional Fire Alarm Control Panel (Silent Knight SK-2)	800.94	128.30
28 46 13 31-1895	EA	Manual Pull Station (single action) (Silent Knight PS-SATK)	110.06	32.08
28 46 13 31-1896	EA	Manual Pull Station (dual action) (Silent Knight PS-DATK)	119.22	32.08
28 46 13 31-1897	EA	Manual Pull Station (dual action) (Silent Knight PS-DA)	116.65	32.08
28 46 13 31-1898	EA	Dual Action Manual Pull Station, Hex Key (Silent Knight PS-DAH)	104.08	32.08
28 46 13 31-1899	EA	Dual Action Listed Outdoor Manual Pull Station With Black Box (Silent Knight PS-DALOB)	233.51	38.49
28 46 13 31-1900	EA	6 Amperes, 24 Volt DC, Distributed Power Module (with cabinet) (Silent Knight SK-5495)	809.98	96.22
28 46 13 31-1901	EA	9 Amperes, 24 Volt DC, Distributed Power Module (with cabinet) (Silent Knight SK-5499)	910.62	96.22
28 46 13 31-1902	EA	Detector (Silent Knight IDP-PhotoR)	278.74	48.11
28 46 13 31-1903	EA	Monitoring Module (Silent Knight IDP)	288.35	48.11
28 46 13 31-1904	EA	I/O Input-Output Module (Silent Knight SK-2880)	736.60	32.08
28 46 13 31-1905	EA	Remote Annunciator (Silent Knight RA-2000)	2,113.74	96.22
28 46 13 31-1906	EA	Power Supply (Silent Knight 5195/96)	1,312.98	32.08
28 46 13 31-1907	EA	8 Zone Expander (Silent Knight SK-5210)	1,024.79	32.08
28 46 13 31-1908	EA	LCD Remote Annunciator (Silent Knight SK-5230)	433.83	64.14
28 46 13 31-1909	EA	Ionization Smoke Detector (Silent Knight SK-ION)	215.69	48.11
28 46 13 31-1910	EA	Addressable Relay Module (Silent Knight IDP-Relay)	240.32	48.11
28 46 13 31-1911	EA	Telephone Line Monitor (Silent Knight SK-7150)	150.60	32.08
28 46 13 31-1912	EA	Serial Driver Board (Silent Knight SK-2884)	277.40	32.08
28 46 13 31-1913	EA	Smoke Detector Base (Silent Knight IDP-6AB)	80.11	16.03
28 46 13 31-1914	EA	Mini Input Module (Silent Knight IDP-MINIMON)	208.24	32.08
28 46 13 31-1915	EA	Status Display Module (Silent Knight SK-4180)	755.81	32.08
28 46 13 31-1916	EA	8-Channel Digital Communicator (Silent Knight SK-1420)	448.40	32.08
28 46 13 31-1917	EA	Serial Parallel Module (Silent Knight SK-4824)	409.97	32.08
28 46 13 31-1918	EA	Power Supply (Silent Knight SK-5197 / SK-5198)	1,505.12	32.08
28 46 13 31-1919	EA	4-Zone Fire Alarm Control Panel, Complete (Silent Knight SK-5204)	2,562.16	128.30
28 46 13 31-1920	EA	Intelligent Ionization Smoke Detector (Silent Knight IDP-ION)	288.35	48.11
28 46 13 31-1921	EA	Intelligent Photoelectric Smoke Detector (Silent Knight IDP-Photo)	240.32	48.11
28 46 13 31-1922		**Alerton Fire Alarm** *(28 46 13 31)*		
28 46 13 31-1923	EA	UL Listed Surge Protector In CHS-M3 Or CPU2-640 Chassis (Alerton ESD-100)	616.49	9.62
28 46 13 31-1924		**Cooper Fire Alarm** *(28 46 13 31)*		
28 46 13 31-1925	EA	Single Circuit Class A / Multiple B, 12 Or 24 Volt DC, Sync Module (Cooper DSM-12/24-R)	204.87	32.08
28 46 13 31-1926	EA	Red Lens, 21 Joules, 24 Volt DC, Class I, Div 1, Groups C, D, NEMA 4X And 6, Strobe (Cooper EP109205-001)	4,696.21	54.52
28 46 13 31-1927	EA	Red, 100 dB, 24 Volt DC, Class I, Div 1, Groups C, D, NEMA 4X, Multitone Horn (Cooper EP109206-002)	6,195.82	54.52
28 46 13 31-1928	EA	Red Lens, 5 Joules, 24 Volt DC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109201-001)	2,256.09	64.14
28 46 13 31-1929	EA	Clear Lens, 5 Joules, 24 Volt DC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109201-002)	2,269.42	64.14
28 46 13 31-1930	EA	Amber Lens, 5 Joules, 110 Volt AC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109201-007)	2,269.42	64.14

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1931	EA	Red Lens, 10 Joules, 24 Volt DC, Wire Guard, Black Finish, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-001)	1,679.57	64.14
28 46 13 31-1932	EA	Amber Lens, 10 Joules, 120 Volt AC, Wire Guard, Black Finish, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-003)	1,679.57	64.14
28 46 13 31-1933	EA	Red Lens, 10 Joules, 120 Volt AC, Wire Guard, Black Finish, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-004)	1,679.57	64.14
28 46 13 31-1934	EA	Amber Lens, 15 Joules, 120 Volt AC, Wire Guard, Black Finish, Backstrap, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-005)	2,269.42	64.14
28 46 13 31-1935	EA	Amber Lens, 15 Joules, 120 Volt AC, Wire Guard, Black Finish, Pendant Mounted, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-006)	2,269.42	64.14
28 46 13 31-1936	EA	Red Lens, 15 Joules, 120 Volt AC, Wire Guard, Black Finish, Blackstrap, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-007)	2,269.42	64.14
28 46 13 31-1937	EA	Red Lens, 15 Joules, 120 Volt AC, Wire Guard, Black Finish, Pendant Mounted, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-008)	2,269.42	64.14
28 46 13 31-1938	EA	Red Lens, 15 Joules, 24 Volt DC, Wire Guard, Blackstrap, Black Finish, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109203-002)	2,269.42	64.14
28 46 13 31-1939	EA	Red Lens, 21 Joules, 24 Volt DC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109204-001)	2,614.33	64.14
28 46 13 31-1940	EA	Red Lens, 21 Joules, 24 Volt DC, Black Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109204-003)	2,427.71	64.14
28 46 13 31-1941	EA	Amber Lens, 21 Joules, 110 Volt AC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109204-005)	2,427.71	64.14
28 46 13 31-1942	EA	Red Lens, 21 Joules, 110 Volt AC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109204-006)	2,427.71	64.14
28 46 13 31-1943		**Light Engineered Displays Message Boards** *(28 46 13 31)*		
28 46 13 31-1944	EA	Two Message Sign, Announcement And Evacuate (LED SP-2/MNS)	967.95	38.49
28 46 13 31-1945	EA	Four Message Sign, Fire, Weather, Announcement, E Voltuate (LED SP-4)	853.27	38.49
28 46 13 31-1946		**Safety Technology International Fire Alarm** *(28 46 13 31)*		
28 46 13 31-1947		**Enclosures** *(28 46 13 31-1946)*		
28 46 13 31-1948	EA	6" Height x 6" Width x 4" Depth, Opaque, Fiberglass Enclosure (STI EF060604-O)	152.02	19.24
28 46 13 31-1949	EA	6" Height x 6" Width x 4" Depth, Opaque, Fiberglass Enclosure With Window (STI EF060604-W)	197.64	19.24
28 46 13 31-1950	EA	8" Height x 6" Width x 4" Depth, Opaque, Fiberglass Enclosure (STI EF080604-O)	155.06	19.24
28 46 13 31-1951	EA	8" Height x 6" Width x 4" Depth, Opaque, Fiberglass Enclosure With Window (STI EF080604-W)	198.65	19.24
28 46 13 31-1952	EA	8" Height x 8" Width x 4" Depth, Opaque, Fiberglass Enclosure (STI EF080804-O)	159.12	19.24
28 46 13 31-1953	EA	8" Height x 8" Width x 4" Depth, Opaque, Fiberglass Enclosure With Window (STI EF080804-W)	229.06	19.24
28 46 13 31-1954	EA	10" Height x 8" Width x 6" Depth, Opaque, Fiberglass Enclosure (STI EF100806-O)	166.21	19.24
28 46 13 31-1955	EA	10" Height x 8" Width x 6" Depth, Opaque, Fiberglass Enclosure With Window (STI EF100806-W)	228.05	19.24
28 46 13 31-1956	EA	12" Height x 10" Width x 6" Depth, Opaque, Fiberglass Enclosure (STI EF121006-O)	178.38	19.24
28 46 13 31-1957	EA	12" Height x 10" Width x 6" Depth, Opaque, Fiberglass Enclosure With Window (STI EF121006-W)	247.31	19.24
28 46 13 31-1958	EA	14" Height x 12" Width x 6" Depth, Opaque, Fiberglass Enclosure (STI EF141206-O)	211.83	19.24
28 46 13 31-1959	EA	14" Height x 12" Width x 6" Depth, Opaque, Fiberglass Enclosure With Window (STI EF141206-W)	320.29	19.24
28 46 13 31-1960	EA	14" Height x 12" Width x 8" Depth, Opaque, Fiberglass Enclosure (STI EF141208-O)	228.05	19.24
28 46 13 31-1961	EA	14" Height x 12" Width x 8" Depth, Opaque, Fiberglass Enclosure With Window (STI EF141208-W)	403.41	19.24
28 46 13 31-1962	EA	16" Height x 14" Width x 8" Depth, Opaque, Fiberglass Enclosure (STI EF161408-O)	242.24	19.24
28 46 13 31-1963	EA	16" Height x 14" Width x 8" Depth, Opaque, Fiberglass Enclosure With Window (STI EF161408-W)	415.58	19.24
28 46 13 31-1964	EA	18" Height x 16" Width x 10" Depth, Opaque, Fiberglass Enclosure (STI EF181610-O)	287.85	19.24
28 46 13 31-1965	EA	18" Height x 16" Width x 10" Depth, Opaque, Fiberglass Enclosure With Window (STI EF181610-W)	426.73	19.24
28 46 13 31-1966	EA	20" Height x 16" Width x 10" Depth, Opaque, Fiberglass Enclosure (STI EF201610-O)	415.58	19.24
28 46 13 31-1967	EA	20" Height x 16" Width x 10" Depth, Opaque, Fiberglass Enclosure With Window (STI EF201610-W)	616.28	19.24
28 46 13 31-1968	EA	6" Height x 6" Width x 5" Depth, Opaque, Polycarbonate Enclosure (STI EP060605-O)	113.50	19.24
28 46 13 31-1969	EA	6" Height x 6" Width x 5" Depth, Tinted, Polycarbonate Enclosure (STI EP060605-T)	123.64	19.24
28 46 13 31-1970	EA	8" Height x 6" Width x 5" Depth, Opaque, Polycarbonate Enclosure (STI EP080605-O)	118.06	19.24
28 46 13 31-1971	EA	8" Height x 6" Width x 5" Depth, Tinted, Polycarbonate Enclosure (STI EP080605-T)	126.68	19.24
28 46 13 31-1972	EA	8" Height x 8" Width x 5" Depth, Opaque, Polycarbonate Enclosure (STI EP080805-O)	122.12	19.24
28 46 13 31-1973	EA	8" Height x 8" Width x 5" Depth, Tinted, Polycarbonate Enclosure (STI EP080805-T)	132.25	19.24
28 46 13 31-1974	EA	10" Height x 8" Width x 6" Depth, Opaque, Polycarbonate Enclosure (STI EP100806-O)	123.64	19.24
28 46 13 31-1975	EA	10" Height x 8" Width x 6" Depth, Tinted, Polycarbonate Enclosure (STI EP100806-T)	144.42	19.24
28 46 13 31-1976	EA	10" Height x 8" Width x 7" Depth, Opaque, Polycarbonate Enclosure (STI EP100807-O)	129.72	19.24
28 46 13 31-1977	EA	10" Height x 8" Width x 7" Depth, Tinted, Polycarbonate Enclosure (STI EP100807-T)	148.47	19.24
28 46 13 31-1978	EA	10" Height x 10" Width x 6" Depth, Opaque, Polycarbonate Enclosure (STI EP101006-O)	135.30	19.24
28 46 13 31-1979	EA	10" Height x 10" Width x 6" Depth, Tinted, Polycarbonate Enclosure (STI EP101006-T)	151.01	19.24
28 46 13 31-1980	EA	12" Height x 10" Width x 7" Depth, Opaque, Polycarbonate Enclosure (STI EP121007-O)	136.82	19.24
28 46 13 31-1981	EA	12" Height x 10" Width x 7" Depth, Tinted, Polycarbonate Enclosure (STI EP121007-T)	156.08	19.24
28 46 13 31-1982	EA	14" Height x 12" Width x 7" Depth, Opaque, Polycarbonate Enclosure (STI EP141207-O)	160.13	19.24
28 46 13 31-1983	EA	14" Height x 12" Width x 7" Depth, Tinted, Polycarbonate Enclosure (STI EP141207-T)	198.65	19.24
28 46 13 31-1984	EA	16" Height x 14" Width x 9" Depth, Opaque, Polycarbonate Enclosure (STI EP161409-O)	176.35	19.24
28 46 13 31-1985	EA	16" Height x 14" Width x 9" Depth, Tinted, Polycarbonate Enclosure (STI EP161409-T)	237.17	19.24
28 46 13 31-1986	EA	18" Height x 16" Width x 5" Depth, Opaque, Polycarbonate Enclosure (STI EP181604-O)	195.61	19.24
28 46 13 31-1987	EA	18" Height x 16" Width x 5" Depth, Tinted, Polycarbonate Enclosure (STI EP181604-T)	254.40	19.24
28 46 13 31-1988	EA	18" Height x 16" Width x 11" Depth, Opaque, Polycarbonate Enclosure (STI EP181611-O)	221.96	19.24
28 46 13 31-1989	EA	18" Height x 16" Width x 11" Depth, Tinted, Polycarbonate Enclosure (STI EP181611-T)	297.99	19.24
28 46 13 31-1990	EA	20" Height x 16" Width x 9" Depth, Opaque, Polycarbonate Enclosure (STI EP201608-O)	352.73	19.24
28 46 13 31-1991	EA	20" Height x 16" Width x 9" Depth, Tinted, Polycarbonate Enclosure (STI EP201608-T)	368.95	19.24
28 46 13 31-1992	EA	24" Height x 24" Width x 10" Depth, Opaque, Polycarbonate Enclosure (STI EP242410-O)	531.13	19.24
28 46 13 31-1993	EA	24" Height x 24" Width x 10" Depth, Tinted, Polycarbonate Enclosure (STI EP242410-T)	615.27	19.24

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1994		STI® Fire Alarm Devices *(28 46 13 31-1946)*		
28 46 13 31-1995	EA	Pull Station Polycarbonate Cover, Semi-Flush With Horn (STI-1100) Note: Includes 9 Volt DC self contained battery.	181.92	19.24
28 46 13 31-1996	EA	Surface Mounted, Manual Pull Station Polycarbonate Cover With Horn (STI-1130)	198.65	19.24
28 46 13 31-1997	EA	Flush Mounted, Manual Pull Station Polycarbonate Cover (STI-1200)	116.80	19.24
28 46 13 31-1998	EA	Surface Mounted, Horn Strobe Polycarbonate Cover (STI-1210D) Note: For surface mounted horn strobes.	117.81	19.24
28 46 13 31-1999	EA	Flush Mounted, Horn Strobe Polycarbonate Cover (STI-1210E)	104.63	19.24
28 46 13 31-2000	EA	Strobe Damage Stopper And Open Back Box With Conduit Knockout (STI-1221D) Note: For surface mounted strobe.	117.81	19.24
28 46 13 31-2001	EA	Strobe Damage Stopper And Open Back Box, Semi-Flush (STI-1221E)	94.75	19.24
28 46 13 31-2002	EA	NEMA 4X Rated Polycarbonate Dome Cover (STI-1229)	223.99	19.24
28 46 13 31-2003	EA	Surface Mounted, Manual Pull Station Polycarbonate Cover (STI-1230) Note: For surface mounted pull stations.	148.98	19.24
28 46 13 31-2004	EA	Backplate For Polycarbonate Cover (STI-1280)	70.52	19.24
28 46 13 31-2005	EA	Conduit Gasket For Polycarbonate Cover (STI-3003)	50.65	19.24
28 46 13 31-2006	EA	Conduit Spacer For Surface Mounted Polycarbonate Cover (STI-3100)	71.64	19.24
28 46 13 31-2007	EA	Weather Resistant, Surface Mounted, Manual Pull Station Polycarbonate Cover (STI-3150)	166.72	19.24
28 46 13 31-2008	EA	8.5" x 6.5" x 4.6", Thumb Lock, Lockable Enclosure (STI-7511A)	137.83	19.24
28 46 13 31-2009	EA	Flush Mounted, Smoke Detector Polycarbonate Cover (STI-8100)	101.34	19.24
28 46 13 31-2010	EA	Flush Mounted, Low Profile, Smoke Detector Steel Wire Cover (STI-9601)	95.76	19.24
28 46 13 31-2011	EA	Surface Mounted, Low Profile, Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9602)	92.47	19.24
28 46 13 31-2012	EA	Flush Mounted, Mini Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9604)	95.76	19.24
28 46 13 31-2013	EA	Surface Mounted, Mini Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9605)	92.47	19.24
28 46 13 31-2014	EA	Flush Mounted, High Profile, Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9609)	95.76	19.24
28 46 13 31-2015	EA	Surface Mounted, High Profile, Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9610)	92.47	19.24
28 46 13 31-2016	EA	Beam Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9625)	182.94	19.24
28 46 13 31-2017	EA	White, Flush Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9705)	85.83	19.24
28 46 13 31-2018	EA	Red, Flush Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9705-R)	110.14	19.24
28 46 13 31-2019	EA	Flush Mounted, Beam Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9706)	131.24	19.24
28 46 13 31-2020	EA	Surface Mounted, Beam Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9707)	131.24	19.24
28 46 13 31-2021	EA	White, Surface Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9708)	94.75	19.24
28 46 13 31-2022	EA	Red, Surface Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9708-R)	94.75	19.24
28 46 13 31-2023	EA	White, Flush Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9711)	85.83	19.24
28 46 13 31-2024	EA	Flush Mounted, Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9713)	94.75	19.24
28 46 13 31-2025	EA	White, Surface Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9714)	94.75	19.24
28 46 13 31-2026	EA	Yellow, High Threat, Push Button Station (STI SS-2201)	133.79	9.62
28 46 13 31-2027	EA	Gasket Kit For STI Covers (STI SUB-121)	55.51	
28 46 13 31-2028	EA	Universal Cover With Horn, Flush Mount, Momentary Button, Exit Label, Green Stopper Station (STI SS-2144XT)	237.17	19.24
28 46 13 31-2029	EA	No Cover, Push And Turn-To-Reset Button, Evacuation Label, Yellow Stopper Station (STI SS-2201EV)	129.21	19.24
28 46 13 31-2030	EA	No Cover, Push And Key-To-Rest Button, Emergency Label, Blue Stopper Station (STI SS-2400EM)	129.21	19.24
28 46 13 31-2031	EA	Universal Cover With Horn, Flush Mount, Push And Key-To-Reset Button, Emergency Label, Blue Stopper Station (STI SS-2440EM)	237.17	19.24
28 46 13 31-2032	EA	Flush Mounted, Weather Stopper II (STI-1250)	139.10	19.24
28 46 13 31-2033	EA	Flush Mounted, Clear, Universal Stopper (STI-13000NC)	92.47	19.24
28 46 13 31-2034	EA	Flush Mounted, Universal, Fire Label, Red, Stopper With Horn (STI-13020FR)	158.61	19.24
28 46 13 31-2035	EA	Surface Mounted, Clear, Universal Stopper (STI-13200NC)	111.47	19.24
28 46 13 31-2036	EA	Surface Mounted, Fire Label, Red, Universal Stopper (STI-13210FR)	121.61	19.24
28 46 13 31-2037	EA	Surface Mounted, No Label, White, Universal Stopper (STI-13210NW)	132.25	19.24
28 46 13 31-2038	EA	Surface Mounted, No Label, Yellow, Universal Stopper (STI-13210NY)	132.25	19.24
28 46 13 31-2039	EA	Surface Mounted, Fire Label, Red, Universal Stopper With Horn (STI-13220FR)	177.36	19.24
28 46 13 31-2040	EA	Surface Mounted, No Label, Yellow, Universal Stopper With Horn (STI-13220NY)	187.50	19.24
28 46 13 31-2041	EA	Surface Mounted, Fire Label, Red, Universal Stopper With Horn And Relay (STI-13230FR)	222.98	19.24
28 46 13 31-2042	EA	Stopper II, Weather Gasket (STI-3002)	49.59	19.24
28 46 13 31-2043	EA	Large, Break Glass Stopper (STI-4100)	131.24	19.24
28 46 13 31-2044	EA	Stopper "G" Standard Break Glass Cover (STI-6100)	126.68	19.24
28 46 13 31-2045	EA	Clear, Polycarbonate Enclosure With Deep Back Box And Exterior Key Lock (STI-7510A)	122.37	19.24
28 46 13 31-2046	EA	Polycarbonate Multi-Purpose Enclosure With Backplate And Key Lock (STI-7530)	326.37	19.24
28 46 13 31-2047	EA	Heated, Metal, Protective Cabinet (STI-7560AH)	4,559.46	19.24
28 46 13 31-2048	EA	Stainless Steel Guard (STI-9604SS)	88.16	19.24
28 46 13 31-2049	EA	5-3/4" Width x 4-1/2" Depth, Motion Detector Guard (STI-9621)	79.29	19.24
28 46 13 31-2050		System Sensor Fire Alarm *(28 46 13 31)*		
28 46 13 31-2051		Smoke Detectors *(28 46 13 31-2050)*		
28 46 13 31-2052	EA	Beam Detector Heater Kit (System Sensor BEAMHK)	63.74	6.41
28 46 13 31-2053	EA	Reflectors, Beam Detector Heater Kit (System Sensor BEAMHKR) Note: Four used with long range kit.	267.98	6.41
28 46 13 31-2054	EA	Projected Beam Smoke Detector Long Range Kit (System Sensor BEAMLRK)	327.38	64.14
28 46 13 31-2055	EA	Wall Or Ceiling Mounted, Projected Beam Smoke Detector Multi-Mount Kit (System Sensor BEAMMMK)	239.85	64.14
28 46 13 31-2056	EA	Projected Beam Smoke Detector Surface Mounted Kit (System Sensor BEAMSMK)	195.23	64.14
28 46 13 31-2057	EA	Two Wire, Photoelectric Smoke Detector (System Sensor 2W-B)	212.18	48.11
28 46 13 31-2058	EA	Two Wire, Photoelectric Smoke Detector With Thermal Sensor (System Sensor 2WT-B)	179.46	48.11
28 46 13 31-2059	EA	Two Wire, Photoelectric Smoke Detector With Thermal Sensor And Built In Sounder (System Sensor 2WTA-B)	224.67	48.11
28 46 13 31-2060	EA	Four Wire, Photoelectric Smoke Detector (System Sensor 4W-B)	216.19	48.11
28 46 13 31-2061	EA	Four Wire, Photoelectric Smoke Detector With Thermal Sensor, 12/24 Volt DC (System Sensor 4WT-B)	190.90	48.11
28 46 13 31-2062	EA	Four Wire, Photoelectric Smoke Detector With Thermal Sensor And Built In Sounder (System Sensor 4WTA-B)	230.91	48.11
28 46 13 31-2063	EA	Four Wire, Photoelectric Smoke Detector With Isolated Thermal Sensor, Built In Sounder, Form C Relay (System Sensor 4WITAR-B)	276.17	48.11
28 46 13 31-2064	EA	Photoelectric, Low-Profile, Smoke Detector Head (System Sensor 2151)	160.78	32.08

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-2065	EA	Photoelectric With Thermal Sensor, Low-Profile, Smoke Detector Head (System Sensor 2151T) Note: Requires B100 series base.	184.11	32.08
28 46 13 31-2066	EA	Heavy-Duty Multi-Mount Kit (System Sensor 6500-MMK)	308.96	16.03
28 46 13 31-2067	EA	Surface-Mount Kit For Use With Beam1224 And FSB-200 When Using 6500-MMK Heavy-Duty Multi-Mount Kit (System Sensor 6500-SMK)	105.59	16.03
28 46 13 31-2068	EA	Four Wire, Low Profile, Plug In Detector (System Sensor 2D51)	204.04	48.11
28 46 13 31-2069		**Duct Smoke Detectors** *(28 46 13 31-2050)*		
28 46 13 31-2070	EA	Two Wire Conventional Photoelectric Duct Detector (Includes 2151 Detector) (System Sensor D2)	395.99	48.11
28 46 13 31-2071	EA	Four Wire Conventional Photoelectric Duct Detector (Includes 2D51 Detector) (System Sensor D4120)	392.55	48.11
28 46 13 31-2072	EA	Watertight, Four Wire Conventional Photoelectric Duct Detector (Includes 2D51 Detector) (System Sensor D4120W)	515.22	54.52
28 46 13 31-2073	EA	Sensor Only, Four Wire Conventional Photoelectric Duct Detector (System Sensor D4S)	258.65	32.08
28 46 13 31-2074	EA	Duct Accessory Coil (Required On DNR If A Remote Test Station Is Used) (System Sensor DCOIL)	70.15	9.62
28 46 13 31-2075	EA	Intelligent, Non-Relay, Duct Smoke Detector Housing (System Sensor DNR)	221.80	25.66
28 46 13 31-2076	EA	Watertight, Intelligent, Non-Relay, Duct Smoke Detector Housing (System Sensor DNRW)	360.47	32.08
28 46 13 31-2077	EA	1' Steel Sampling Tube (System Sensor DST1)	40.42	12.83
28 46 13 31-2078	EA	1.5' Steel Sampling Tube (System Sensor DST1.5)	44.31	12.83
28 46 13 31-2079	EA	3' Steel Sampling Tube (System Sensor DST3)	50.20	12.83
28 46 13 31-2080	EA	5' Steel Sampling Tube (System Sensor DST5)	68.65	16.03
28 46 13 31-2081	EA	10' Steel Sampling Tube (System Sensor DST10)	95.58	19.24
28 46 13 31-2082	EA	1' Steel, Exhaust Tube Duct (System Sensor ETX)	45.91	12.83
28 46 13 31-2083	EA	Remote Test Station For Duct Smoke Detector (System Sensor RTS151)	105.31	16.03
28 46 13 31-2084	EA	Detector Installation/Removal Tool Kit For 700 Series Detectors (System Sensor XR2)	229.40	
28 46 13 31-2085	EA	Detector Installation/Removal Tool Kit For 800 And 355 Series Detectors (System Sensor XR2B)	246.56	
28 46 13 31-2086		**Heat Detectors** *(28 46 13 31-2050)*		
28 46 13 31-2087	EA	Single Circuit, 135 Degree F, Fixed And Rate-Of-Rise, Heat Detector (System Sensor 5601P)	133.68	48.11
28 46 13 31-2088	EA	Single Circuit, 194 Degree F, Fixed And Rate-Of-Rise, Heat Detector (System Sensor 5602)	123.34	48.11
28 46 13 31-2089	EA	Dual Circuit, 135 Degree F, Fixed And Rate-Of-Rise, Heat Detector (System Sensor 5621)	143.70	48.11
28 46 13 31-2090	EA	Dual Circuit, 194 Degree F, Fixed And Rate-Of-Rise, Heat Detector (System Sensor 5622)	143.70	48.11
28 46 13 31-2091	EA	Dual Circuit, 135 Degree F, Fixed Temperature Heat Detector (System Sensor 5623)	155.99	48.11
28 46 13 31-2092	EA	Dual Circuit, 194 Degree F, Fixed Temperature Heat Detector (System Sensor 5624)	155.99	48.11
28 46 13 31-2093		**Horns** *(28 46 13 31-2050)*		
28 46 13 31-2094	EA	Red, Mini Horn (System Sensor MHR)	132.55	48.11
28 46 13 31-2095	EA	White, Mini Horn (System Sensor MHW)	132.55	48.11
28 46 13 31-2096	EA	White, 12/24 Volt DC, Wall Mounted Horn Only (System Sensor HWL)	134.32	48.11
28 46 13 31-2097	EA	Red, Outdoor, Wall Mounted Replacement Horn (System Sensor HRK-R)	168.89	54.52
28 46 13 31-2098	EA	Red, Indoor, Wall Mounted, Horn (System Sensor HRL)	134.32	48.11
28 46 13 31-2099	EA	Red, Outdoor, Wall Mounted, Horn (System Sensor HRK)	212.18	48.11
28 46 13 31-2100	EA	White, Indoor, Wall Mounted, Compact Horn (System Sensor HGRL)	134.89	48.11
28 46 13 31-2101	EA	Red, Indoor, Wall Mounted, Compact Horn (System Sensor HGWL)	134.89	48.11
28 46 13 31-2102		**Wall Mounted Horns/Strobes** *(28 46 13 31-2050)*		
28 46 13 31-2103	EA	Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2RL)	182.03	48.11
28 46 13 31-2104	EA	Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2RH)	232.85	48.11
28 46 13 31-2105	EA	Outdoor Back Box, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2RHK)	269.23	54.52
28 46 13 31-2106	EA	Plain, Outdoor Back Box, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2RHK-P)	262.94	54.52
28 46 13 31-2107	EA	Outdoor Back Box, Red, 120 Volt AC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2RHK-120)	275.24	54.52
28 46 13 31-2108	EA	Outdoor Back Box, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2RK)	268.37	54.52
28 46 13 31-2109	EA	Plain, Outdoor Back Box, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2RK-P)	254.93	54.52
28 46 13 31-2110	EA	Outdoor, Red, , Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2RK-R)	221.79	48.11
28 46 13 31-2111	EA	Plain, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2RL-P)	178.03	48.11
28 46 13 31-2112	EA	White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2WL)	182.03	48.11
28 46 13 31-2113	EA	White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2WH)	234.52	48.11
28 46 13 31-2114	EA	Outdoor Back Box, White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2WHK)	260.65	54.52
28 46 13 31-2115	EA	Plain, Outdoor Back Box, White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2WHK-P)	262.94	54.52
28 46 13 31-2116	EA	Plain, White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2WH-P)	232.85	48.11
28 46 13 31-2117	EA	Outdoor Back Box, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2WK)	276.95	54.52
28 46 13 31-2118	EA	Plain, Outdoor Back Box, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2WK-P)	254.93	54.52

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-2119	EA	Plain, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2WL-P)	177.17	48.11
28 46 13 31-2120	EA	Red, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P4RL)	218.07	48.11
28 46 13 31-2121	EA	Red, Four Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P4RH)	276.40	48.11
28 46 13 31-2122	EA	Outdoor Back Box, Red, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P4RK)	319.56	54.52
28 46 13 31-2123	EA	Outdoor, Red, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P4RK-R)	249.21	54.52
28 46 13 31-2124	EA	White, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P4WL)	218.07	48.11
28 46 13 31-2125	EA	Outdoor Back Box, White, Four Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor PC4WHK)	295.67	54.52
28 46 13 31-2126	EA	Outdoor Back Box, White, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P4WK)	263.51	54.52
28 46 13 31-2127	EA	Red, 24 Volt DC, Low-frequency, Selectable Intensity (15, 30, 75, 95, 110, 135 And 185 Candela) Multi-Candela, Wall Mounted, Horn/Strobe (System Sensor P2RL-LF)	267.84	48.11
28 46 13 31-2128	EA	White, 24 Volt DC, Low-frequency, Selectable Intensity (15, 30, 75, 95, 110, 135 And 185 Candela) Multi-Candela, Wall Mounted, Horn/Strobe (System Sensor P2WL-LF)	267.84	48.11
28 46 13 31-2129	EA	Red, 12/24 Volt DC, Two Wire, Selectable Intensity (15, 30, 75, 95, 110, 135 And 185 Candela) Multi-Candela, Wall Mounted, Compact Horn Strobe (System Sensor P2GRL)	181.46	48.11
28 46 13 31-2130	EA	White, 12/24 Volt DC, Two Wire, Selectable Intensity (15, 30, 75, 95, 110, 135 And 185 Candela) Multi-Candela, Wall Mounted, Compact Horn Strobe (System Sensor P2GWL)	181.46	48.11

28 46 13 31-2131 Ceiling Mounted Horns/Strobes *(28 46 13 31-2050)*

28 46 13 31-2132	EA	Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2RL)	184.89	48.11
28 46 13 31-2133	EA	Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2RH)	236.18	48.11
28 46 13 31-2134	EA	Outdoor Back Box, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2RHK)	260.65	54.52
28 46 13 31-2135	EA	Outdoor Back Box, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2RK)	253.21	54.52
28 46 13 31-2136	EA	Plain, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2R-P)	224.52	48.11
28 46 13 31-2137	EA	White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2WL)	184.89	48.11
28 46 13 31-2138	EA	White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2WH)	236.18	48.11
28 46 13 31-2139	EA	Outdoor Back Box, White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2WHK)	260.65	54.52
28 46 13 31-2140	EA	Plain, White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2WH-P)	236.18	48.11
28 46 13 31-2141	EA	Outdoor Back Box, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2WK)	253.21	54.52
28 46 13 31-2142	EA	Plain, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2W-P)	222.85	48.11
28 46 13 31-2143	EA	Red, Ceiling Mounted, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Horn/Strobe (System Sensor PC4RL)	219.50	48.11
28 46 13 31-2144	EA	Red, Ceiling Mounted, Four Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Horn/Strobe (System Sensor PC4RH)	276.40	48.11
28 46 13 31-2145	EA	White, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC4WL)	219.50	48.11

28 46 13 31-2146 Wall Mounted Strobes *(28 46 13 31-2050)*

28 46 13 31-2147	EA	White Strobe Expander Plate Back Box Skirt (System Sensor SEP-BBSW)	83.45	16.03
28 46 13 31-2148	EA	White Strobe Expander Plate With Standard Candela (System Sensor SEP-SW)	160.51	16.03
28 46 13 31-2149	EA	Red, Selectable Candela (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SRL)	164.58	48.11
28 46 13 31-2150	EA	Red, Selectable Candela (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Strobe (System Sensor SRH)	230.02	48.11
28 46 13 31-2151	EA	Red, Outdoor, Selectable Candela (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Strobe (System Sensor SRHK)	282.10	54.52
28 46 13 31-2152	EA	Red, Outdoor, Selectable Candela (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SRK)	278.53	54.52
28 46 13 31-2153	EA	Red, Plain, Outdoor, Selectable Candela (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SRK-P)	234.33	54.52
28 46 13 31-2154	EA	Red, Outdoor, Selectable Candela (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SRK-R)	206.30	54.52
28 46 13 31-2155	EA	Red, Plain, Selectable Candela (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SRL-P)	163.15	48.11
28 46 13 31-2156	EA	White, 12/24 Volt DC, Selectable (15, 15 /75, 30, 75 , 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SWL)	164.01	48.11
28 46 13 31-2157	EA	White, Amber Lens, 12/24 Volt DC, Selectable (15, 15 /75, 30, 75 , 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SWL-ALERT)	177.45	48.11
28 46 13 31-2158	EA	White, Clear Lens, 12/24 Volt DC, Selectable (15, 15 /75, 30, 75 , 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SWL-CLR-ALERT)	211.19	48.11
28 46 13 31-2159	EA	White, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Strobe (System Sensor SWH)	221.19	48.11
28 46 13 31-2160	EA	White, Amber Lens, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Strobe (System Sensor SWH-ALERT)	219.52	48.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-2161	EA	White, Plain, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Strobe (System Sensor SWH-P)	219.52	48.11
28 46 13 31-2162	EA	Red, Plain, Outdoor, Selectable Candela (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Strobe (System Sensor SRHK-P)	237.77	54.52
28 46 13 31-2163	EA	White, Outdoor, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Strobe (System Sensor SWHK)	235.19	54.52
28 46 13 31-2164	EA	White, Plain, Outdoor, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Strobe (System Sensor SWHK-P)	237.19	54.52
28 46 13 31-2165	EA	Red, Outdoor, Selectable Candela (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Strobe (System Sensor SRHK-R)	237.35	54.52
28 46 13 31-2166	EA	White, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Strobe (System Sensor SWK)	232.90	54.52
28 46 13 31-2167	EA	White, Plain, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Strobe (System Sensor SWK-P)	234.05	54.52
28 46 13 31-2168	EA	White, Plain, 12/24 Volt DC, Selectable (15, 15 /75, 30, 75 , 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SWL-P)	162.87	48.11
28 46 13 31-2169	EA	Amber, Wall Strobe Lens Attachment (System Sensor LENS-A)	28.56	6.41
28 46 13 31-2170	EA	Blue, Wall Strobe Lens Attachment (System Sensor LENS-B)	28.56	6.41
28 46 13 31-2171	EA	Green, Wall Strobe Lens Attachment (System Sensor LENS-G)	28.56	6.41
28 46 13 31-2172	EA	Red, Wall Strobe Lens Attachment (System Sensor LENS-R)	28.56	6.41
28 46 13 31-2173	EA	Red, 12/24 Volt DC, Wall Mounted, L-Series Compact Strobe (System Sensor SGRL)	166.87	48.11
28 46 13 31-2174	EA	White, 12/24 Volt DC, Wall Mounted, L-Series Compact Strobe (System Sensor SGWL)	163.72	48.11
28 46 13 31-2175	EA	L-Series, Amber, Wall Strobe Lens Attachment (System Sensor LENS-A2, AC2)	28.56	6.41
28 46 13 31-2176	EA	L-Series, Blue, Wall Strobe Lens Attachment (System Sensor LENS-B2, BC2)	28.56	6.41
28 46 13 31-2177	EA	L-Series, Green, Wall Strobe Lens Attachment (System Sensor LENS-G2, GC2)	28.56	6.41
28 46 13 31-2178	EA	L-Series, Red, Wall Strobe Lens Attachment (System Sensor LENS-R2, RC2)	28.56	6.41
28 46 13 31-2179	EA	Red, 8 Multi-tone, 12 VDC, 1575CD, Wall Mounted Strobe (Wheelock MT-121575W-FR)	242.73	48.11
28 46 13 31-2180	EA	White, 8 Multi-tone, 12 VDC,1575CD, No Lettering, Wall Mounted Strobe (Wheelock MT-121575W-NW)	242.73	48.11
28 46 13 31-2181		**Ceiling Mounted Strobes** *(28 46 13 31-2050)*		
28 46 13 31-2182	EA	Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Strobe (System Sensor SCRL)	167.73	48.11
28 46 13 31-2183	EA	Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Strobe (System Sensor SCRH)	233.59	48.11
28 46 13 31-2184	EA	Outdoor Back Box, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Strobe (System Sensor SCRHK)	282.10	54.52
28 46 13 31-2185	EA	Outdoor Back Box, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Strobe (System Sensor SCRK)	282.10	54.52
28 46 13 31-2186	EA	White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Strobe (System Sensor SCWL)	167.73	48.11
28 46 13 31-2187	EA	Clear Lens, White, Two Wire, 12/24 Volt DC, Standard Candela, Ceiling Mounted Strobe (System Sensor SCWL-CLR-ALERT)	179.17	48.11
28 46 13 31-2188	EA	White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Strobe (System Sensor SCWH)	224.52	48.11
28 46 13 31-2189	EA	Outdoor Back Box, White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Strobe (System Sensor SCWHK)	235.19	54.52
28 46 13 31-2190	EA	Outdoor Back Box, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Strobe (System Sensor SCWK)	232.90	54.52
28 46 13 31-2191	EA	Plain, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Strobe (System Sensor SCW-P)	199.53	48.11
28 46 13 31-2192	EA	Blue, Ceiling Strobe Lens Attachment (System Sensor LENS-BC)	28.56	6.41
28 46 13 31-2193	EA	Red, Ceiling Strobe Lens Attachment (System Sensor LENS-RC)	28.56	6.41
28 46 13 31-2194	EA	Green, Ceiling Strobe Lens Attachment (System Sensor LENS-GC)	28.56	6.41
28 46 13 31-2195	EA	Amber, Ceiling Strobe Lens Attachment (System Sensor LENS-AC)	28.56	6.41
28 46 13 31-2196		**Wall Mounted Speakers** *(28 46 13 31-2050)*		
28 46 13 31-2197	EA	24 Volt DC, 4 Field Selectable Sound Pulse Patterns, Directional Sound Speaker With Voice And Integral Audio Amplifier (System Sensor PF24V)	429.17	48.11
28 46 13 31-2198	EA	Red, Wall Mounted Speaker (System Sensor SPRL)	141.41	48.11
28 46 13 31-2199	EA	Red, Outdoor, Wall Mounted Speaker (System Sensor SPRK)	224.94	48.11
28 46 13 31-2200	EA	Red, Outdoor, Wall Mounted Speaker (System Sensor SPRK-R)	188.00	54.52
28 46 13 31-2201	EA	Red, High dB, Wall Mounted Speaker (System Sensor SPRV)	185.42	48.11
28 46 13 31-2202	EA	White, Wall Mounted Speaker (System Sensor SPWL)	141.41	48.11
28 46 13 31-2203	EA	White, Outdoor, Wall Mounted Speaker (System Sensor SPWK)	236.62	54.52
28 46 13 31-2204	EA	White, High dB, Wall Mounted Speaker (System Sensor SPWV)	159.03	48.11
28 46 13 31-2205		**Ceiling Mounted Speakers** *(28 46 13 31-2050)*		
28 46 13 31-2206	EA	Red, Ceiling Mounted Speaker (System Sensor SPCRL)	138.27	48.11
28 46 13 31-2207	EA	Outdoor, Ceiling Mounted Speaker (System Sensor SPCRK)	257.67	48.11
28 46 13 31-2208	EA	Red, High dB, Ceiling Mounted Speaker (System Sensor SPCRV)	185.42	48.11
28 46 13 31-2209	EA	White, Ceiling Mounted Speaker (System Sensor SPCWL)	140.84	48.11
28 46 13 31-2210	EA	White, High dB, Ceiling Mounted Speaker (System Sensor SPCWV)	179.53	48.11
28 46 13 31-2211	EA	White, Outdoor, Ceiling Mounted Speaker (System Sensor SPCWK)	237.77	54.52
28 46 13 31-2212		**Wall Mounted Speakers/Strobes** *(28 46 13 31-2050)*		
28 46 13 31-2213	EA	White Speaker Strobe Expander Plate With Standard Candela (System Sensor SEP-SPSWL)	158.51	16.03
28 46 13 31-2214	EA	White Speaker Strobe Expander Plate Back Box Skirt (System Sensor SPSEP-BBSWL)	80.02	16.03

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	28 46 13 31-2215	EA	Red, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRL)	227.80	48.11
	28 46 13 31-2216	EA	Red, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRH)	297.81	48.11
	28 46 13 31-2217	EA	Red, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRK)	401.63	54.52
	28 46 13 31-2218	EA	Red, Plain, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRK-P)	325.87	54.52
	28 46 13 31-2219	EA	Red, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRK-R)	278.38	54.52
	28 46 13 31-2220	EA	Red, Plain, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRL-P)	225.22	48.11
	28 46 13 31-2221	EA	Red, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRV)	287.11	48.11
	28 46 13 31-2222	EA	White, Amber Lens, Wall Mounted, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWL-ALERT)	228.94	48.11
	28 46 13 31-2223	EA	White, Clear Lens, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWK-CLR-ALERT)	329.87	54.52
	28 46 13 31-2224	EA	White, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWL)	227.80	48.11
	28 46 13 31-2225	EA	White, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWH)	284.51	48.11
	28 46 13 31-2226	EA	White, Plain, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWH-P)	284.51	48.11
	28 46 13 31-2227	EA	White, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWK)	341.31	54.52
	28 46 13 31-2228	EA	White, Plain, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWK-P)	324.72	54.52
	28 46 13 31-2229	EA	White, Plain, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWL-P)	224.08	48.11
	28 46 13 31-2230	EA	White, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWV)	274.51	48.11
	28 46 13 31-2231	EA	White, Plain, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWV-P)	274.51	48.11
	28 46 13 31-2232	EA	L-Series, White, Clear Lens, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWL-CLR-ALERT)	238.91	54.52
	28 46 13 31-2233		**Ceiling Mounted Speakers/Strobes** *(28 46 13 31-2050)*		
	28 46 13 31-2234	EA	Red, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCRL)	212.35	48.11
	28 46 13 31-2235	EA	Red, Selectable Candela (135, 150, 177, 185) Candela, High-Candela, Ceiling Mounted Speaker/Strobe (System Sensor SPSCRH)	301.38	48.11
	28 46 13 31-2236	EA	Red, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115), Ceiling Mounted Speaker/Strobe (System Sensor SPSCRV)	287.11	48.11
	28 46 13 31-2237	EA	White, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWL)	212.35	48.11
	28 46 13 31-2238	EA	White, Clear Lens, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWL-CLR-ALERT)	226.65	48.11
	28 46 13 31-2239	EA	White, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWH)	284.51	48.11
	28 46 13 31-2240	EA	White, Outdoor, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWHK)	343.03	54.52
	28 46 13 31-2241	EA	White, Plain, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWH-P)	284.51	48.11
	28 46 13 31-2242	EA	White, Outdoor, Clear Lens, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWK-CLR-ALERT)	330.44	54.52
	28 46 13 31-2243	EA	White, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWK)	341.31	54.52
	28 46 13 31-2244	EA	White, Plain, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWL-P)	212.35	48.11
	28 46 13 31-2245	EA	White, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWV)	274.51	48.11
	28 46 13 31-2246	EA	White, High-Candela/High dB, Selectable Candela (135, 150, 177, 185 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWVH)	284.51	48.11
	28 46 13 31-2247	EA	White, Plain, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWV-P)	274.51	48.11
	28 46 13 31-2248	EA	High-Candela/High dB, Ceiling Mounted Speaker/Strobe (System Sensor SPSCRVH)	284.27	48.11
	28 46 13 31-2249		**Electric Alarm Bells** *(28 46 13 31-2050)*		
	28 46 13 31-2250	EA	6" Diameter, 24 Volt DC Alarm Bell (System Sensor SSM24-6)	174.88	48.11
	28 46 13 31-2251	EA	8" Diameter, 24 Volt DC Alarm Bell (System Sensor SSM24-8)	188.90	48.11
	28 46 13 31-2252	EA	10" Diameter, 24 Volt DC Alarm Bell (System Sensor SSM24-10)	204.34	48.11
	28 46 13 31-2253	EA	6" 120 Volt AC Alarm Bell (System Sensor SSV120-6)	191.20	48.75
	28 46 13 31-2254	EA	8" 120 Volt AC Alarm Bell (System Sensor SSV120-8)	193.40	48.75
	28 46 13 31-2255	EA	10" 120 Volt AC Alarm Bell (System Sensor SSV120-10)	207.28	48.75
	28 46 13 31-2256		**Device Bases** *(28 46 13 31-2050)*		
	28 46 13 31-2257	EA	High Or Low Volume Output, Code 3 Or 4, Continuous, March Or Custom Tone, Intelligent, Addressable, Programmable Plug-In Sounder Base (System Sensor B200S)	135.34	16.03
	28 46 13 31-2258	EA	Code 3 Or Continuous Tone, Intelligent Plug-In Sounder Base (System Sensor B200SR)	131.05	16.03

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-2259	EA	Intelligent Isolator Base (System Sensor B224BI)	107.88	16.03
28 46 13 31-2260	EA	Intelligent Relay Base (System Sensor B224RB)	109.02	16.03
28 46 13 31-2261	EA	Flangeless, Intelligent Detector Base (System Sensor B501)	67.78	16.03
28 46 13 31-2262	EA	High Or Low Volume Output, Code 3 Or 4, Continuous, March Or Custom Tone, Intelligent, Addressable, Programmable Plug-In Sounder Base, Ivory (System Sensor B200S-IV)	135.34	16.03
28 46 13 31-2263	EA	Code 3 Or Continuous Tone, Intelligent Plug-In Sounder Base, Ivory (System Sensor B200SR-IV)	131.05	16.03
28 46 13 31-2264	EA	Low-Frequency, Code 3 Or Continuous Tone, Intelligent Plug-In Sounder Base (System Sensor B200SR-LF)	195.69	16.03
28 46 13 31-2265	EA	Low-Frequency, Code 3 Or Continuous Tone, Intelligent Plug-In Sounder Base, Ivory (System Sensor B200SR-LF-IV)	195.69	16.03
28 46 13 31-2266	EA	Low-Frequency, Code 3 Or Continuous Tone, Intelligent Plug-In Sounder Base, White (System Sensor B200SR-LF-WH)	189.40	16.03
28 46 13 31-2267	EA	Code 3 Or Continuous Tone, Intelligent Plug-In Sounder Base, White (System Sensor B200SR-WH)	148.38	16.03
28 46 13 31-2268	EA	High Or Low Volume Output, Code 3 Or 4, Continuous, March Or Custom Tone, Intelligent, Addressable, Programmable Plug-In Sounder Base, White (System Sensor B200S-WH)	128.47	16.03
28 46 13 31-2269	EA	Intelligent Isolator Base, Ivory (System Sensor B224BI-IV)	107.88	16.03
28 46 13 31-2270	EA	Intelligent Isolator Base, White (System Sensor B224BI-WH)	101.02	16.03
28 46 13 31-2271	EA	Intelligent Relay Base, Ivory (System Sensor B224RB-IV)	109.02	16.03
28 46 13 31-2272	EA	Intelligent Relay Base, White (System Sensor B224RB-WH)	102.45	16.03
28 46 13 31-2273	EA	Flangeless, Intelligent Detector Base, Black (System Sensor B501-BL)	67.78	16.03
28 46 13 31-2274	EA	Flangeless, Intelligent Detector Base, Ivory (System Sensor B501-IV)	67.78	16.03
28 46 13 31-2275	EA	Flangeless, Intelligent Detector Base, White (System Sensor B501-WHITE)	60.34	16.03
28 46 13 31-2276	EA	Intelligent, Addressable, Programmable Low Frequency Plug-In Sounder Base (System Sensor B200S-LF)	199.13	16.03
28 46 13 31-2277	EA	Intelligent, Addressable, Programmable Low Frequency Plug-In Sounder Base, Ivory (System Sensor B200S-LF-IV)	199.13	16.03
28 46 13 31-2278	EA	Intelligent, Addressable, Programmable Low Frequency Plug-In Sounder Base, White (System Sensor B200S-LF-WH)	191.69	16.03
28 46 13 31-2279	EA	6" Intelligent Flanged Mounting Base (System Sensor B300-6)	53.53	16.03
28 46 13 31-2280	EA	6" Intelligent Flanged Mounting Base, Ivory (System Sensor B300-6-IV)	60.68	16.03
28 46 13 31-2281	EA	Two Wire, Flanged, 12/24 Volt DC, Low-Profile, Adapter Base (System Sensor B110LP)	59.57	16.03
28 46 13 31-2282	EA	Four Wire, Form A And C, 24 Volt DC Low-Profile, Adapter Base (System Sensor B112LP)	119.30	19.24

28 46 13 31-2283 Boxes, Plates And Decals *(28 46 13 31-2050)*

28 46 13 31-2284	EA	120 Volt AC, Mounting Plate, For Spectralert Advance Devices (System Sensor MP120K)	60.91	16.03
28 46 13 31-2285	EA	Red, Wall Mounted, Metal, Weatherproof Back Box (System Sensor MWBB)	91.92	16.03
28 46 13 31-2286	EA	White, Ceiling Mounted, Metal, Weatherproof Back Box (System Sensor MWBBCW)	100.16	16.03
28 46 13 31-2287	EA	White, Wall Mounted, Metal, Weatherproof Back Box (System Sensor MWBBW)	91.92	16.03
28 46 13 31-2288	EA	Red Retrofit Plate (System Sensor RFP)	42.35	9.62
28 46 13 31-2289	EA	White Retrofit Plate (System Sensor RFPW)	42.01	9.62
28 46 13 31-2290	EA	Red, Wall Mounted, Weatherproof Back Box (System Sensor SA-WBB)	77.62	16.03
28 46 13 31-2291	EA	Red, Ceiling Mounted, Weatherproof Back Box (System Sensor SA-WBBC)	87.46	16.03
28 46 13 31-2292	EA	Red, Ceiling Mounted, Surface Mounted, Back Box (System Sensor SBBCRL)	61.60	16.03
28 46 13 31-2293	EA	White, Ceiling Mounted, Surface Mounted, Back Box (System Sensor SBBCWL)	61.60	16.03
28 46 13 31-2294	EA	Red, Wall Mounted, Surface Mounted, Back Box (System Sensor SBBRL)	53.25	16.03
28 46 13 31-2295	EA	Red, Wall Mounted, Surface Mounted, Back Box For Speaker (System Sensor SBBSPRL)	59.54	16.03
28 46 13 31-2296	EA	White, Wall Mounted, Surface Mounted, Back Box For Speaker (System Sensor SBBSPWL)	59.54	16.03
28 46 13 31-2297	EA	White, Wall Mounted, Surface Mounted, Back Box (System Sensor SBBWL)	53.25	16.03
28 46 13 31-2298	EA	Surface Mounted Box For Intelligent Control Or Monitor Modules (System Sensor SMB500)	58.74	16.03
28 46 13 31-2299	EA	Surface Mounted Box For 400 And 500 Series Detectors And Sounder Bases (System Sensor SMB600)	53.53	16.03
28 46 13 31-2300	EA	Red, Wall Mounted Horn/Strobe Trim Ring (System Sensor TR-HS)	19.37	6.41
28 46 13 31-2301	EA	Red Decals, Two Pack, Spectralert Advance Wall Products (System Sensor DECAL-R)	28.79	
28 46 13 31-2302	EA	Red Decals, Three Pack, Spectralert Advance Ceiling Products (System Sensor DECAL-RC)	40.06	
28 46 13 31-2303	EA	White Decals, Two Pack, Spectralert Advance Wall Products (System Sensor DECAL-W)	28.79	
28 46 13 31-2304	EA	White Decals, Three Pack, Spectralert Advance Wall Products (System Sensor DECAL-WC)	40.06	
28 46 13 31-2305	EA	Red, Wall Mounted, L-Series Trim Ring, Pack Of 5 (System Sensor TR-2)	21.46	6.41
28 46 13 31-2306	EA	White, Wall Mounted, L-Series Trim Ring, Pack Of 5 (System Sensor TR-2W)	21.46	6.41
28 46 13 31-2307	EA	Red, Ceiling Mounted, L-Series Trim Ring, Pack Of 5 (System Sensor TRC-2)	21.46	6.41
28 46 13 31-2308	EA	White, Ceiling Mounted, L-Series Trim Ring, Pack Of 5 (System Sensor TRC-2W)	21.46	6.41
28 46 13 31-2309	EA	Red, Wall/Surface Mounted, L-Series Compact Back Box (System Sensor SBBGRL)	53.25	16.03
28 46 13 31-2310	EA	White, Wall/Surface Mounted, L-Series Compact Back Box (System Sensor SBBGWL)	53.25	16.03
28 46 13 31-2311	EA	Red, AGENT Lettering, Compact, L-Series Wall Mounted Bezel (System Sensor BZGR-AG)	25.99	6.41
28 46 13 31-2312	EA	Red, ALERT Lettering, Compact, L-Series Wall Mounted Bezel (System Sensor BZGR-AL)	25.99	6.41
28 46 13 31-2313	EA	Red, EVAC Lettering, Compact, L-Series Wall Mounted Bezel (System Sensor BZGR-EV)	25.99	6.41
28 46 13 31-2314	EA	Red, FIRE Lettering, Compact, L-Series Wall Mounted Bezel (System Sensor BZGR-F)	25.99	6.41
28 46 13 31-2315	EA	White, AGENT Lettering, L-Series Wall Mounted Bezel (System Sensor BZGW-AG)	25.99	6.41
28 46 13 31-2316	EA	White, ALERT Lettering, L-Series Wall Mounted Bezel (System Sensor BZGW-AL)	25.99	6.41
28 46 13 31-2317	EA	White, EVAC Marking, L-Series Wall Mounted Bezel (System Sensor BZGW-EV)	25.99	6.41
28 46 13 31-2318	EA	White, FIRE Marking, L-Series Wall Mounted Bezel (System Sensor BZGW-F)	25.99	6.41
28 46 13 31-2319	EA	Red, Plain, L-Series Wall Mounted Bezel (System Sensor BZGR-P)	25.99	6.41
28 46 13 31-2320	EA	White, Plain, L-Series Wall Mounted Bezel (System Sensor BZGW-P)	25.99	6.41
28 46 13 31-2321	EA	Red, AGENT Marking, L-Series Wall Mounted Bezel (System Sensor BZR-AG)	25.99	6.41
28 46 13 31-2322	EA	Red, ALERT Marking, L-Series Wall Mounted Bezel (System Sensor BZR-AL)	25.99	6.41
28 46 13 31-2323	EA	Red, AGENT Marking, L-Series Ceiling Mounted Bezel (System Sensor BZRC-AG)	28.39	6.41
28 46 13 31-2324	EA	Red, ALERT Marking, L-Series Ceiling Mounted Bezel (System Sensor BZRC-AL)	28.39	6.41
28 46 13 31-2325	EA	Red, EVAC Marking, L-Series Ceiling Mounted Bezel (System Sensor BZRC-EV)	28.39	6.41
28 46 13 31-2326	EA	Red, FIRE Marking, L-Series Ceiling Mounted Bezel, Pack Of 5 (System Sensor BZRC-F)	28.39	6.41
28 46 13 31-2327	EA	Red, PLAIN Marking, L-Series Ceiling Mounted Bezel (System Sensor BZRC-P)	28.39	6.41
28 46 13 31-2328	EA	Red, EVAC Marking, L-Series Wall Mounted Bezel (System Sensor BZR-EV)	25.99	6.41
28 46 13 31-2329	EA	Red, FIRE Marking, L-Series Wall Mounted Bezel (System Sensor BZR-F)	25.99	6.41
28 46 13 31-2330	EA	Red, PLAIN Marking, L-Series Wall Mounted Bezel (System Sensor BZR-P)	25.99	6.41
28 46 13 31-2331	EA	Red, AGENT Marking, L-Series Wall Mounted Bezel (System Sensor BZR-AG)	25.99	6.41

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-2332	EA	White, AGENT Marking, L-Series Wall Mounted Bezel (System Sensor BZSPW-AG)	25.99	6.41
28 46 13 31-2333	EA	White, ALERT Marking, L-Series Wall Mounted Bezel (System Sensor BZSPW-AL)	25.99	6.41
28 46 13 31-2334	EA	White, AGENT Marking, L-Series Ceiling Mounted Bezel (System Sensor BZSPWC-AG)	28.39	6.41
28 46 13 31-2335	EA	White, ALERT Marking, L-Series Ceiling Mounted Bezel (System Sensor BZSPWC-AL)	28.39	6.41
28 46 13 31-2336	EA	White, EVAC Marking, L-Series Ceiling Mounted Bezel (System Sensor BZSPWC-EV)	28.39	6.41
28 46 13 31-2337	EA	White, FIRE Marking, L-Series Ceiling Mounted Bezel (System Sensor BZSPWC-F)	28.39	6.41
28 46 13 31-2338	EA	White, PLAIN Marking, L-Series Ceiling Mounted Bezel (System Sensor BZSPWC-P)	28.39	6.41
28 46 13 31-2339	EA	White, EVAC Marking, L-Series Wall Mounted Bezel (System Sensor BZSPW-EV)	25.99	6.41
28 46 13 31-2340	EA	White, FIRE Marking, L-Series Wall Mounted Bezel (System Sensor BZSPW-F)	25.99	6.41
28 46 13 31-2341	EA	Replacement Dust Cover For Low Profile Detectors (System Sensor C58-227-01)	5.09	
28 46 13 31-2342	EA	Control Module Barrier (System Sensor CB500)	38.92	9.62
28 46 13 31-2343	EA	White Detector Conversion Kit For SSD Intelligent Low Profile Photo, Ion, And Laser Detectors (System Sensor CK300)	35.83	9.62
28 46 13 31-2344	EA	Black Detector Conversion Kit For SSD Intelligent Low Profile Photo, Ion, And Laser Detectors (System Sensor CK300-BL)	43.21	9.62
28 46 13 31-2345	EA	PTIR Color Kit, White (System Sensor CK-300-IR) Note: Includes cover and trim ring	161.11	9.62
28 46 13 31-2346	EA	PTIR Color Kit, Black (System Sensor CK-300-IR-BL) Note: Includes cover and trim ring	233.77	9.62
28 46 13 31-2347	EA	PTIR Color Kit, Ivory (System Sensor CK-300-IR-IV) Note: Includes cover and trim ring	233.77	9.62
28 46 13 31-2348	EA	Accessory Flange Ring For B210LP Base (System Sensor F210) Note: Includes cover and trim ring	29.37	9.62
28 46 13 31-2349	EA	Black Faceplate (System Sensor FP-BLACK-BP)	28.54	9.62
28 46 13 31-2350	EA	White Faceplate, 2 In/2 Out (System Sensor FP-WHITE-2-BP)	28.97	9.62
28 46 13 31-2351	EA	White Faceplate (System Sensor FP-WHITE-BP)	27.56	9.62
28 46 13 31-2352	EA	White, Back Box (System Sensor SMB500-WH)	50.56	16.03
28 46 13 31-2353	EA	Accessory Flange Ring For B210LP Base, White (System Sensor TR300)	19.98	6.41
28 46 13 31-2354	EA	Accessory Flange Ring For B210LP Base, Ivory (System Sensor TR300-IV)	28.33	6.41
28 46 13 31-2355	EA	White Faceplate Swift (System Sensor FP-WHITE-SWIFT-BP)	30.31	9.62
28 46 13 31-2356	EA	Red, ALERT Marking, L-Series Wall Mounted Bezel For Speakers And Speaker Strobes (System Sensor BZSPR-AL)	25.99	6.41
28 46 13 31-2357	EA	Red, AGENT Marking, L-Series Ceiling Mounted Bezel For Speakers And Speaker Strobes (System Sensor BZSPRC-AG)	28.39	6.41
28 46 13 31-2358	EA	Red, ALERT Marking, L-Series Ceiling Mounted Bezel For Speakers And Speaker Strobes (System Sensor BZSPRC-AL)	28.39	6.41
28 46 13 31-2359	EA	Red, EVAC Marking, L-Series Ceiling Mounted Bezel For Speakers And Speaker Strobes (System Sensor BZSPRC-EV)	28.39	6.41
28 46 13 31-2360	EA	Red, FIRE Marking, L-Series Ceiling Mounted Bezel For Speakers And Speaker Strobes (System Sensor BZSPRC-F)	28.39	6.41
28 46 13 31-2361	EA	Red, Plain, L-Series Ceiling Mounted Bezel For Speakers And Speaker Strobes (System Sensor BZSPRC-P)	28.39	6.41
28 46 13 31-2362	EA	Red, EVAC Marking, L-Series Wall Mounted Bezel For Speakers And Speaker Strobes (System Sensor BZSPR-EV)	25.99	6.41
28 46 13 31-2363	EA	Red, FIRE Marking, L-Series Wall Mounted Bezel For Speakers And Speaker Strobes (System Sensor BZSPR-F)	25.99	6.41
28 46 13 31-2364	EA	Red, Plain, L-Series Wall Mounted Bezel For Speakers And Speaker Strobes (System Sensor BZSPR-P)	25.99	6.41
28 46 13 31-2365	EA	L Series, 120 VAC Adapter Mounting Plate (System Sensor MP120KL)	78.07	16.03
28 46 13 31-2366	EA	White, Amber Lens, Universal Expander Plate (System Sensor SEP-SPSWL-P)	153.65	16.03

28 46 13 31-2367 Chimes *(28 46 13 31-2050)*

28 46 13 31-2368	EA	Red, 12/24 Volt DC, Ceiling Or Wall Mounted Chime (System Sensor CHRL)	163.32	48.11
28 46 13 31-2369	EA	White, 12/24 Volt DC, Ceiling Or Wall Mounted Chime (System Sensor CHWL)	168.87	48.11

28 46 13 31-2370 Chime/Strobes *(28 46 13 31-2050)*

28 46 13 31-2371	EA	Red, 15, 15/75, 30, 75 , 110 Multi-Candela, 24 Volt DC, Ceiling Or Wall Mounted Chime/Strobe (System Sensor CHSRL)	244.96	48.11
28 46 13 31-2372	EA	White, 15, 15/75, 30, 75 , 110 Multi-Candela, 24 Volt DC, Ceiling Or Wall Mounted Chime/Strobe (System Sensor CHSWL)	244.96	48.11
28 46 13 31-2373	EA	L-Series, Red, 15, 30, 75, 95, 115, 150, 177 Multi-Candela, 24 Volt DC, Ceiling Mounted Chime/Strobe (System Sensor CHSCRL)	246.68	48.11
28 46 13 31-2374	EA	L-Series, White, 15, 30, 75, 95, 115, 150, 177 Multi-Candela, 24 Volt DC, Ceiling Mounted Chime/Strobe (System Sensor CHSCWL)	246.68	48.11

28 46 13 31-2375 Carbon Monoxide Detectors *(28 46 13 31-2050)*

28 46 13 31-2376	EA	Conventional Carbon Monoxide Detector (System Sensor CO1224)	353.98	64.14
28 46 13 31-2377	EA	Round, Sounder And Trouble Relay With Test Function, 12/24 Volt DC, Conventional Carbon Monoxide Detector (System Sensor CO1224TR)	242.67	48.11
28 46 13 31-2378	EA	CO Detector Plate For Replacing Round CO Detectors With The CO1224T (System Sensor CO-PLATE)	19.74	6.41
28 46 13 31-2379	EA	Intelliquad Plus Intelligent Addressable Combination Multi-Criteria Fire And Carbon Monoxide Detector With Flashscan (System Sensor FCO-951)	362.81	48.11
28 46 13 31-2380	EA	12/24 VDC, Conventional Carbon Monoxide Detector With Sounder And Trouble Relay With Test Function, UL2075 Listed (System Sensor CO1224T)	274.75	64.14
28 46 13 31-2381	EA	Intelliquad Plus Intelligent Addressable Combination Multi-Criteria Fire And Carbon Monoxide Detector With Flashscan, Ivory (System Sensor FCO-951-IV)	375.39	48.11

28 46 13 31-2382 Switches *(28 46 13 31-2050)*

28 46 13 31-2383	EA	SPDT Switch, 4 - 20 PSI, Waterflow Alarm Pressure Switch (System Sensor EPS10-1)	220.65	25.66
28 46 13 31-2384	EA	Two SPDT Switches, 4 - 20 PSI, Waterflow Alarm Pressure Switch (System Sensor EPS10-2)	246.40	25.66

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-2385	EA	SPDT Switch, 10 - 100 PSI, Waterflow Alarm Pressure Switch (System Sensor EPS40-1)	220.65	25.66
28 46 13 31-2386	EA	Two SPDT Switches, 10 - 100 PSI, Waterflow Alarm Pressure Switch (System Sensor EPS40-2)	246.40	25.66
28 46 13 31-2387	EA	Outside Screw And Yoke Valve, Two SPDT, Supervisory Switch (System Sensor OSY2)	229.81	25.66
28 46 13 31-2388	EA	Post Indicator Butterfly Valve, SPDT, Supervisory Switch (System Sensor PIBV2)	214.93	25.66
28 46 13 31-2389		**Low Frequency Sounders** *(28 46 13 31-2050)*		
28 46 13 31-2390	EA	Red, Low Frequency Sounder (System Sensor HR-LF)	226.19	48.11
28 46 13 31-2391	EA	White, Low Frequency Sounder (System Sensor HW-LF)	226.19	48.11
28 46 13 31-2392	EA	Red, Ceiling Mounted, Low-frequency Compact Sounder (System Sensor HCRL-LF)	200.62	48.11
28 46 13 31-2393	EA	White, Ceiling Mounted, Low-frequency Compact Sounder (System Sensor HCWL-LF)	200.62	48.11
28 46 13 31-2394	EA	Red, Wall Mounted, Low-frequency Compact Sounder (System Sensor HGRL-LF)	199.19	48.11
28 46 13 31-2395	EA	White, Wall Mounted, Low-frequency Compact Sounder (HGWL-LF)	199.19	48.11
28 46 13 31-2396		**Sync Modules** *(28 46 13 31-2050)*		
28 46 13 31-2397	EA	Red, 12/24 Volt DC, Sync Module (System Sensor MDL3R)	175.69	32.08
28 46 13 31-2398	EA	White, 12/24 Volt DC, Sync Module (System Sensor MDL3W)	172.83	32.08
28 46 13 31-2399		**Relays** *(28 46 13 31-2050)*		
28 46 13 31-2400	EA	Metal Enclosure, SPDT, Track Mounted, Multivoltage, Relay (System Sensor R-10E)	99.60	25.66
28 46 13 31-2401	EA	SPDT, Track Mounted, Multivoltage, Relay (System Sensor R-10T)	64.23	16.03
28 46 13 31-2402	EA	4-Gang Relay, Metal Enclosure, SPDT, Track Mounted, Multivoltage, Relay (System Sensor R-14E)	186.54	16.03
28 46 13 31-2403	EA	4-Gang Relay, SPDT, Track Mounted, Multivoltage, Relay (System Sensor R-14T)	137.34	16.03
28 46 13 31-2404	EA	Metal Enclosure, DPDT, Track Mounted, Multivoltage, Relay (System Sensor R-20E)	107.27	25.66
28 46 13 31-2405	EA	DPDT, Track Mounted, Multivoltage, Relay (System Sensor R-20T)	66.29	16.03
28 46 13 31-2406	EA	4-Gang Relay, Metal Enclosure, DPDT, Track Mounted, Multivoltage, Relay (System Sensor R-24E)	210.00	16.03
28 46 13 31-2407	EA	4-Gang Relay, DPDT, Track Mounted, Multivoltage, Relay (System Sensor R-24T)	157.08	16.03
28 46 13 31-2408	EA	18 To 35 Volt DC, 18 To 35 Volt AC, 120 Volt AC, SPDT Multivoltage Relay (System Sensor PR-1)	55.88	16.03
28 46 13 31-2409	EA	10 To 40 Volt DC, SPDT Multivoltage Relay (System Sensor PR-2)	55.88	16.03
28 46 13 31-2410	EA	Redundant Power Input, 10 To 40 Volt DC, SPDT Multivoltage Relay (System Sensor PR-3)	55.88	16.03
28 46 13 31-2411		**Remote Annunciator** *(28 46 13 31-2050)*		
28 46 13 31-2412	EA	Remote Annunciator (System Sensor RA100Z)	132.26	48.11
28 46 13 31-2413	EA	Remote LED Annunciator (System Sensor RA100ZA)	128.52	48.11
28 46 13 31-2414	EA	Remote Annunciator With Piezo Alarm (System Sensor APA151)	160.12	48.11
28 46 13 31-2415		**Remote Test Station** *(28 46 13 31-2050)*		
28 46 13 31-2416	EA	Remote Test Station With Key (System Sensor RTS151KEY)	206.63	48.11
28 46 13 31-2417		**Fire Alarm Digital Cellular Communicator** *(28 46 13 31)*		
28 46 13 31-2418	EA	Digital Cellular Communicator With Antenna And Red Enclosure (Telular Telguard TG-7FS)	781.96	64.14
28 46 13 31-2419		**Wheelock Fire Alarm** *(28 46 13 31)*		
28 46 13 31-2420		**Ceiling Mounted Chimes/Strobes** *(28 46 13 31-2419)*		
28 46 13 31-2421	EA	White, Round, Selectable Candela (15, 30, 75, 100 Candela), 24 Volt DC, Ceiling Mounted Chime/Strobe (Wheelock CH90-24MCC-FW)	270.80	48.11
28 46 13 31-2422		**Wall Mounted Chimes/Strobes** *(28 46 13 31-2419)*		
28 46 13 31-2423	EA	Red, Selectable Candela (15, 30, 75, 110 Candela), 24 Volt DC, Wall Mounted Chime/Strobe (Wheelock CH70-24MCW-FR)	270.80	48.11
28 46 13 31-2424	EA	White, Selectable Candela (15, 30, 75, 110 Candela), 24 Volt DC, Wall Mounted Chime/Strobe (Wheelock CH70-24MCW-FW)	270.80	48.11
28 46 13 31-2425		**Ceiling Mounted Horns/Strobes** *(28 46 13 31-2419)*		
28 46 13 31-2426	EA	Red, Two Wire, 12/24 Volt DC, Multi-Candela, Ceiling Mounted Horn/Strobe (Wheelock HSRC)	176.49	48.11
28 46 13 31-2427	EA	White, Two Wire, 12/24 Volt DC, Multi-Candela, Ceiling Mounted Horn/Strobe (Wheelock HSWC)	200.91	48.11
28 46 13 31-2428		**Wall Mounted Horns/Strobes** *(28 46 13 31-2419)*		
28 46 13 31-2429	EA	Red, Weatherproof, 24 Volt DC, 75 Candela, Wall Mounted, Horn/Strobe (Wheelock ASWP-2475W-FR)	180.22	48.11
28 46 13 31-2430	EA	Red, 24 Volt DC, 15/75 Candela, Continuous Or Code 3 Tone, Wall Mounted Horn/Strobe (Wheelock HS4-241575 Watt-FR)	286.17	48.11
28 46 13 31-2431	EA	Red, 24 Volt DC, Selectable Candela (15, 30, 75, 110 Candela), Wall Mounted Horn/Strobe (Wheelock HS4-24MCW-FR)	240.96	48.11
28 46 13 31-2432	EA	White, 24 Volt DC, Selectable Candela (15, 30, 75, 110 Candela), Wall Mounted Horn/Strobe (Wheelock HS4-24MCW-FW)	240.96	48.11
28 46 13 31-2433	EA	Red, Flush, 24 Volt AC, 15/75 Candela, Sync/Non-Sync, Wall Mounted Horn/Strobe (Wheelock MT-241575 Watt-FR)	271.18	48.11
28 46 13 31-2434	EA	Red, 24 Volt AC, Multi-Candela, Wall Mounted Horn/Strobe (Wheelock MT-24MCW-FR)	201.50	48.11
28 46 13 31-2435	EA	Red, 115 Volt AC, Wall Mounted Horn/Strobe (Wheelock MT4-115-WH-VFR)	199.30	48.11
28 46 13 31-2436	EA	Red, Weatherproof, 24 Volt DC, 75 Candela, Wall Mounted Horn/Strobe (Wheelock MTWP-2475W-FR)	220.03	54.52

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-2437	EA	Red, Two Wire, 12/24 Volt DC, Multi-Candela, Wall Mounted Horn/Strobe (Wheelock HSR)	179.35	48.11
28 46 13 31-2438	EA	White, Two Wire, 12/24 Volt DC, Multi-Candela, Wall Mounted Horn/Strobe (Wheelock HSW)	179.35	48.11
28 46 13 31-2439	EA	White, 24 Volt AC, Multi-Candela, Wall Mounted Horn/Strobe (Wheelock MT-24MCW-FW)	198.43	48.11
28 46 13 31-2440	EA	Red, 24 Volt DC, 15/30/75/110 Selectable Candela, Wall Mounted Horn/Strobe (Wheelock HS4-24MCW-FR)	240.96	48.11
28 46 13 31-2441	EA	White, 24 Volt DC, 15/30/75/110 Selectable Candela, Wall Mounted Horn/Strobe (Wheelock HS4-24MCW-FW)	240.96	48.11
28 46 13 31-2442		**Ceiling Mounted Strobes** *(28 46 13 31-2419)*		
28 46 13 31-2443	EA	Red, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Strobe (Wheelock RSS-24MCC-FR)	168.60	48.11
28 46 13 31-2444	EA	White, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Strobe (Wheelock RSS-24MCC-FW)	168.60	48.11
28 46 13 31-2445	EA	Red, Two Wire, 12/24 Volt DC, Multi-Candela, Ceiling Mounted Strobe (Wheelock STRC)	182.03	48.11
28 46 13 31-2446	EA	White, Two Wire, 12/24 Volt DC, Multi-Candela, Ceiling Mounted Strobe (Wheelock STWC)	162.02	48.11
28 46 13 31-2447	EA	White, 24 Volt DC, Amber Lens, Multi- Candela (15, 30, 75, 95 Candela), Ceiling Mounted Strobe, No Lettering (Wheelock RSSA-24MCC-NW)	180.00	48.11
28 46 13 31-2448	EA	White, 24 Volt DC, Amber Lens, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Strobe, Red ALERT Lettering (Wheelock RSSA-24MCC-ALW)	181.54	48.11
28 46 13 31-2449	EA	White, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Strobe With Fire Lettering (Wheelock RSS-24MCCH-FW)	182.20	48.11
28 46 13 31-2450	EA	Red, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Weatherproof Strobe With Fire Lettering (Wheelock RSSWP-2475C-FR)	190.90	48.11
28 46 13 31-2451		**Wall Mounted Strobes** *(28 46 13 31-2419)*		
28 46 13 31-2452	EA	Red, Multi-Candela, 24 Volt DC, Wall Mounted Strobe (Wheelock AMT-24MCW-FR)	254.57	48.11
28 46 13 31-2453	EA	Red, Retrofit Plate, 12 Volt DC, 15/75 Candela, Wall Mounted Strobe (Wheelock RSSP-121575W-FR)	205.01	48.11
28 46 13 31-2454	EA	Red, 24 Volt DC, 15/75 Candela, Wall Mounted Strobe (Wheelock RSS-241575W-FR)	227.85	48.11
28 46 13 31-2455	EA	Red, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Wall Mounted Strobe (Wheelock RSS-24MCW-FR)	166.84	48.11
28 46 13 31-2456	EA	White, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Wall Mounted Strobe (Wheelock RSS-24MCW-FW)	166.84	48.11
28 46 13 31-2457	EA	Red, Retrofit Plate, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Wall Mounted Strobe (Wheelock RSSP-24MCW-FR)	178.25	48.11
28 46 13 31-2458	EA	Outdoor, Red, 24 Volt DC, 75 Candela, Wall Mounted Strobe (Wheelock RSSWP-2475W-FR) Note: Requires WPSBB-R.	186.25	54.52
28 46 13 31-2459	EA	Red, Two Wire, 12/24 Volt DC, Multi-Candela, Wall Mounted Strobe (Wheelock STR)	163.11	48.11
28 46 13 31-2460	EA	White, Two Wire, 12/24 Volt DC, Multi-Candela, Wall Mounted Strobe (Wheelock STW)	163.11	48.11
28 46 13 31-2461	EA	Interior, White, 24 Volt DC, Multi-Candela 135/185, Wall Mounted Strobe, No Lettering (Wheelock RSS-24MCWH-NW)	193.60	48.11
28 46 13 31-2462	EA	White, 24 Volt DC, Multi-Candela (15, 30, 75, 110 Candela), Wall Mounted Strobe, No Lettering (Wheelock RSS-24MCW-NW)	168.82	48.11
28 46 13 31-2463	EA	Weatherproof, White, 24 Volt DC, 75 Candela, Wall Mounted Strobe (Wheelock RSSWP-2475W-FW) Note: Requires WPSBB-R.	207.45	54.52
28 46 13 31-2464	EA	Interior, White, 24 Volt DC, Multi-Candela 135/185, Weatherproof Wall Mounted Strobe (Wheelock RSSWP-24MCWH-FW)	204.63	48.11
28 46 13 31-2465		**Ceiling Mounted Speakers/Strobes** *(28 46 13 31-2419)*		
28 46 13 31-2466	EA	Red, 24 Volt DC, Selectable Candela (15, 30, 75, 110 Candela), Ceiling Mounted Speaker/Strobe (Wheelock E60-24MCC-FR)	205.01	48.11
28 46 13 31-2467	EA	White, 24 Volt DC, Selectable Candela (15, 30, 75, 110 Candela), Ceiling Mounted Speaker/Strobe (Wheelock E60-24MCC-FW)	205.01	48.11
28 46 13 31-2468	EA	White, 24 Volt DC, Selectable Candela (15, 30, 75, 110 Candela), Ceiling Mounted Speaker/Strobe (Wheelock E70-24MCC-FW)	205.01	48.11
28 46 13 31-2469	EA	White, 24 Volt DC, Multi-Candela (15, 30, 75, 110 Candela), Ceiling Mounted Speaker/Strobe (Wheelock E90-24MCC-FW)	207.20	48.11
28 46 13 31-2470	EA	White, 24 Volt DC, Multi-Candela 115/177, Ceiling Mounted Speaker/Strobe (Wheelock E90-24MCCH-FW)	219.48	48.11
28 46 13 31-2471	EA	White, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Speaker/Strobe (Wheelock ET90-24MCC-FW)	236.59	48.11
28 46 13 31-2472	EA	Red, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Speaker/Strobe (Wheelock ET90-24MCC-FR)	236.59	48.11
28 46 13 31-2473	EA	Red, 24 Volt DC, Multi-Candela (15, 30, 75, 110 Candela), Ceiling Mounted Speaker/Strobe (Wheelock E90-24MCC-FR)	208.95	48.11
28 46 13 31-2474	EA	White, 2 Watts, 24 Volt DC, 15/30/75/95 Candela, Square, No Lettering, Ceiling Mounted Speaker/Strobe (Wheelock E70-24MCC-NW)	229.51	48.11
28 46 13 31-2475	EA	Round, 2 Watt, 24 Volt DC, 15/30/75/95CD, No Lettering, Ceiling Mounted Speaker/Strobe (Wheelock E90-24MCC-NW)	243.24	48.11
28 46 13 31-2476	EA	White, 8 Watts, 24 Volt DC, 75 Candela, Weatherproof, Ceiling Mounted, Speaker/Strobe (Wheelock ET70WP-2475C-FW)	256.97	48.11
28 46 13 31-2477		**Wall Mounted Speakers/Strobes** *(28 46 13 31-2419)*		
28 46 13 31-2478	EA	Red, Square, 24 Volt DC, 15/75 Candela, 25/70.7 VRMS, Wall Mounted Speaker/Strobe (Wheelock E50-241575 Watt-FR)	314.50	48.11
28 46 13 31-2479	EA	White, Square, 24 Volt DC, 15/75 Candela, 25/70.7 VRMS, Wall Mounted Speaker/Strobe (Wheelock E50-241575 Watt-FW)	314.50	48.11
28 46 13 31-2480	EA	Red, 24 Volt DC, Multi-Candela 115/177, Wall Mounted Speaker/Strobe (Wheelock E60-24MCCH-FR)	219.48	48.11
28 46 13 31-2481	EA	White, 24 Volt DC, Multi-Candela 115/177, Wall Mounted Speaker/Strobe (Wheelock E60-24MCCH-FW)	219.48	48.11
28 46 13 31-2482	EA	Red, Square, 24 Volt DC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock E50-24MCW-FR)	205.01	48.11
28 46 13 31-2483	EA	White, Square, 24 Volt DC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock E50-24MCW-FW)	201.50	48.11
28 46 13 31-2484	EA	Red, 24 Volt DC, Multi-Candela 135/185, Wall Mounted Speaker/Strobe (Wheelock E50-24MCWH-FR)	219.48	48.11
28 46 13 31-2485	EA	White, 24 Volt DC, Multi-Candela 135/185, Wall Mounted Speaker/Strobe (Wheelock E50-24MCWH-FW)	219.48	48.11

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28 46 13 31-2486	EA	Red, Square, 24 Volt DC, 15/75 Candela, 25/70.7 VRMS, Wall Mounted Speaker/Strobe (Wheelock E70-241575 Watt-FR)	311.16	48.11
28 46 13 31-2487	EA	Red, Square, 24 Volt DC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock E70-24MCW-FR)	207.20	48.11
28 46 13 31-2488	EA	White, Square, 24 Volt DC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock E70-24MCW-FW)	205.45	48.11
28 46 13 31-2489	EA	Red, 24 Volt DC, Multi-Candela 135/185, Wall Mounted Speaker/Strobe (Wheelock E70-24MCWH-FR)	303.67	48.11
28 46 13 31-2490	EA	White, 24 Volt DC, Multi-Candela 135/185, Wall Mounted Speaker/Strobe (Wheelock E70-24MCWH-FW)	311.16	48.11
28 46 13 31-2491	EA	Red, 24 Volt DC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock ET70-24MCW-FR)	236.59	48.11
28 46 13 31-2492	EA	White, 24 Volt DC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock ET70-24MCW-FW)	236.59	48.11
28 46 13 31-2493	EA	Weatherproof, Red, 24 Volt DC, 75 Candela, Wall Mounted Speaker Strobe/(Wheelock ET70WP-2475 W-FR) Note: Requires weatherproof backbox (IOB).	338.16	54.52
28 46 13 31-2494	EA	Interior, Red, 24 Volt DC, Multi-Candela 135/185, Wall Mounted Speaker/Strobe (Wheelock RSS-24MCWH-FR)	188.78	48.11
28 46 13 31-2495	EA	Interior, White, 24 Volt DC, Multi-Candela 135/185, Wall Mounted Speaker/Strobe (Wheelock RSS-24MCWH-FW)	182.20	48.11
28 46 13 31-2496	EA	White, 2 Watts, 24 Volt DC, 15/30/75/95 Candela, Round, Wall Mounted Speaker/Strobe (Wheelock E60-24MCW-FW)	243.24	48.11
28 46 13 31-2497	EA	Red, 24 Volt DC, 135/185 Multi-Candela, Wall Mounted Speaker/Strobe (Wheelock E70-24MCWH-FR)	256.97	48.11
28 46 13 31-2498	EA	White, 24 Volt DC, 135/185 Multi-Candela, Wall Mounted Speaker/Strobe (Wheelock E70-24MCWH-FW)	262.12	48.11
28 46 13 31-2499	EA	White, 8 Watt, 24 VDC, 15/30/75/110 Candela, No Lettering, Wall Mounted, Speaker/Strobe (Wheelock ET70-24MCW-NW)	270.70	48.11
28 46 13 31-2500	EA	Red, 8 Watts, Weatherproof, 185 Candela, Wall Mounted, Speaker/Strobe (Wheelock ET70WP-24185W-FR)	277.00	48.11
28 46 13 31-2501	EA	Red, 24 Volt DC, 75 Candela, Weatherproof, Wall Mounted, Speaker/Strobe (Wheelock ET70WP-2475W-FR) Note: Requires IOB	272.99	48.11
28 46 13 31-2502	EA	White, 8 Watts, 24 Volt DC, 75 Candela, Weatherproof, Wall Mounted, Speaker/Strobe (Wheelock ET70WP-2475W-FW) Note: Requires IOB	270.70	48.11
28 46 13 31-2503		**Electric Alarm Bells** *(28 46 13 31-2419)*		
28 46 13 31-2504	EA	6" Diameter, 24 Volt DC, Red, Vibrating Bell (Wheelock 43T-G6-24-R)	199.74	48.11
28 46 13 31-2505	EA	6" Diameter, 115 Volt AC, Red, Vibrating Bell (Wheelock 43T-G6-115-R)	192.72	48.11
28 46 13 31-2506	EA	10" Diameter, 115 Volt AC, Red, Vibrating Bell (Wheelock 43T-G10-115-R)	239.66	48.11
28 46 13 31-2507	EA	10" Diameter, 115 Volt AC, Single Stroke, Red, Explosion Proof Bell (Wheelock CSX10-115-R)	1,860.16	54.52
28 46 13 31-2508	EA	10" Diameter, Outdoor, 115 Volt AC, Single Stroke, Red, Explosion Proof Bell (Wheelock CSXG10-115-R)	3,004.17	54.52
28 46 13 31-2509	EA	10" Diameter, Vibrating, Outdoor, 115 Volt AC, Single Stroke, Red, Explosion Proof Bell (Wheelock CVXG10-115-R)	3,399.87	54.52
28 46 13 31-2510	EA	6", ADA, 24 Volt DC, Red, Motor Bell (Wheelock MB-G6-24-R)	160.04	48.11
28 46 13 31-2511	EA	10", ADA, 24 Volt DC, Red, Motor Bell (Wheelock MB-G10-24-R)	215.21	48.11
28 46 13 31-2512	EA	6", ADA, 12 Volt DC, Red, Motor Bell (Wheelock MB-G6-12-R)	162.68	48.11
28 46 13 31-2513	EA	10", ADA, 12 Volt DC, Red, Indoor/Outdoor Motor Bell (Wheelock MB-G10-12-R)	213.21	48.11
28 46 13 31-2514		**Horns** *(28 46 13 31-2419)*		
28 46 13 31-2515	EA	Two Wire, 24 Volt DC, Indoor Or Outdoor, Continuous Or Code 3, Sync Or Non-Sync Horn (Wheelock AH-24WP-R)	162.87	48.11
28 46 13 31-2516	EA	Red, Two Wire, 12/24 Volt DC, Wall Mounted Horn (Wheelock HNR)	135.35	48.11
28 46 13 31-2517	EA	White, Two Wire, 12/24 Volt DC, Wall Mounted Horn (Wheelock HNW)	135.35	48.11
28 46 13 31-2518	EA	Red, Two Wire, 12/24 Volt DC, Ceiling Mounted Horn (Wheelock HNRC)	136.31	48.11
28 46 13 31-2519	EA	White, Two Wire, 12/24 Volt DC, Ceiling Mounted Horn (Wheelock HNWC)	136.31	48.11
28 46 13 31-2520	EA	Red, 24 Volt DC, Sync With Built-In Temporal, Mini-Horn (Wheelock MIZ-24S-R)	120.08	48.11
28 46 13 31-2521	EA	White, 24 Volt DC, Sync With Built-In Temporal, Mini-Horn (Wheelock MIZ-24S-W)	120.08	48.11
28 46 13 31-2522	EA	Red, Flush, 12/24 Volt AC, Horn (Wheelock MT-12/24-R)	136.31	48.11
28 46 13 31-2523	EA	Red, 24 Volt DC, Four Wire, Wall Mounted Horn (Wheelock HS-24-R)	161.44	48.11
28 46 13 31-2524		**Speakers** *(28 46 13 31-2419)*		
28 46 13 31-2525	EA	Red, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Wall Mounted Speaker (Wheelock E50-R)	139.12	48.11
28 46 13 31-2526	EA	White, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Wall Mounted Speaker (Wheelock E50-W)	139.12	48.11
28 46 13 31-2527	EA	Red, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Ceiling Mounted Speaker (Wheelock E60-R)	139.12	48.11
28 46 13 31-2528	EA	White, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Ceiling Mounted Speaker (Wheelock E60-W)	137.19	48.11
28 46 13 31-2529	EA	Red, Flush, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Wall Or Ceiling Mounted Speaker (Wheelock E70-R)	139.12	48.11
28 46 13 31-2530	EA	White, Flush, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Wall Or Ceiling Mounted Speaker (Wheelock E70-W)	139.12	48.11
28 46 13 31-2531	EA	Red, Round, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Wall Or Ceiling Mounted Speaker (Wheelock E90-R)	139.12	48.11
28 46 13 31-2532	EA	White, Round, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Wall Or Ceiling Mounted Speaker (Wheelock E90-W)	139.12	48.11
28 46 13 31-2533	EA	Red, Flush Or Surface, Square, 1/8 - 8 Watt, Wall Mounted Speaker (Wheelock ET70-R)	160.26	48.11
28 46 13 31-2534	EA	White, Flush Or Surface, Square, 1/8 - 8 Watt, Wall Mounted Speaker (Wheelock ET70-W)	160.26	48.11
28 46 13 31-2535	EA	White, Round, 25 Or 70.7 VRMS, 1/8 - 8 Watt Ceiling Mounted Speaker (Wheelock ET90-W)	162.02	48.11
28 46 13 31-2536	EA	Red, Surface Mounted, Vandal Resistant, Square, 1/8 - 8 Watt, Wall Or Ceiling Mounted Speaker (Wheelock ET-1010-R)	214.64	48.11
28 46 13 31-2537	EA	Red, Flush Mounted, Vandal Resistant, Square, 1/8 - 8 Watt, Wall Or Ceiling Mounted Speaker (Wheelock ET-1080-R)	194.62	48.11
28 46 13 31-2538	EA	Grey, 1 To 15 Watt, 25/70/100 Volt Transformer, Loud Speaker (Wheelock STH-15S)	298.00	48.11
28 46 13 31-2539	EA	Red, 1 To 15 Watt, 25/70/100 Volt Transformer, Loud Speaker (Wheelock STH-15SR)	298.00	48.11
28 46 13 31-2540	EA	Red, 1/8 To 8 Watts, Square, Surface Mounted, Vandal Resistant Speaker (Wheelock ET-1010-R)	214.64	48.11
28 46 13 31-2541	EA	White, 8 Watts, Wall/Ceiling Mounted, Vandal Resistant Speaker (Wheelock ET-1010-W)	216.93	48.11
28 46 13 31-2542	EA	Red, 1/8 To 8 Watts, Square, Flush Mounted, Vandal Resistant Speaker (Wheelock ET-1080-R)	194.62	48.11
28 46 13 31-2543	EA	White, 8", 25/70 Volt, 15/30/75/95 Candela, Round, Ceiling Mounted, Speaker (Wheelock S8-24MCC-FW)	285.58	48.11
28 46 13 31-2544	EA	White, 8", 25/70 Volt, Round, Ceiling Mounted, Speaker (Wheelock S8-70/25)	208.35	48.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-2545		**Sync Modules** *(28 46 13 31-2419)*		
28 46 13 31-2546	EA	12 Or 24 Volt DC, Single Circuit Class B, Sync Module (Wheelock SM-12/24-R)	194.11	32.08
28 46 13 31-2547		**Boxes, Plates And Rings** *(28 46 13 31-2419)*		
28 46 13 31-2548	EA	4" Square, Red, Surface Back Box (Wheelock BB-R)	41.69	16.03
28 46 13 31-2549	EA	Standard 4" Square Box (Wheelock BB-STD)	41.00	16.03
28 46 13 31-2550	EA	Black, Back Box For UZC-256 (Wheelock BB-UZC)	248.92	32.08
28 46 13 31-2551	EA	Red, Back Box For UZC-256 (Wheelock BB-UZC-R)	248.92	32.08
28 46 13 31-2552	EA	9" x 12" x 2.75", For Two XP Boards, Surface Mounted Cabinet (Wheelock BB-XP)	192.05	25.66
28 46 13 31-2553	EA	Red, Extender Ring For E60 Series (Wheelock E60EXT-R)	21.43	6.41
28 46 13 31-2554	EA	White, Extender Ring For E60 Series (Wheelock E60EXT-W)	21.43	6.41
28 46 13 31-2555	EA	Red, Surface Mounted Back Box For E50 Speakers (Wheelock E50SB-R)	52.08	16.03
28 46 13 31-2556	EA	White, Surface Mounted Back Box For E50 Speakers (Wheelock E50SB-W)	49.28	16.03
28 46 13 31-2557	EA	Red, Surface Mounted Back Box For E50 Speaker Strobe (Wheelock E50SSB-R)	52.08	16.03
28 46 13 31-2558	EA	White, Surface Mounted Back Box For E50 Speaker Strobe (Wheelock E50SSB-W)	52.08	16.03
28 46 13 31-2559	EA	4" Square Back Box (Wheelock DBB-R)	43.48	16.03
28 46 13 31-2560	EA	Red, Surface Back Box (Wheelock IOB-R)	50.24	16.03
28 46 13 31-2561	EA	White, Surface, Back Box (Wheelock IOB-W)	50.24	16.03
28 46 13 31-2562	EA	White, Indoor, Surface Extender (Wheelock ISP2-W)	20.51	6.41
28 46 13 31-2563	EA	Red, RS/RSS Strobe Trim Plate (Wheelock NATP-R)	26.99	6.41
28 46 13 31-2564	EA	White, RS/RSS Strobe Trim Plate (Wheelock NATP-W)	26.99	6.41
28 46 13 31-2565	EA	Red Retrofit Plate (Wheelock RP-R)	24.23	6.41
28 46 13 31-2566	EA	4" Speaker/Strobe Ceiling Tile Support Bracket (Wheelock SSB-4)	41.78	6.41
28 46 13 31-2567	EA	Red, Surface Mounted, Back Box For Chimes, Speakers (Wheelock SBB-R)	52.52	16.03
28 46 13 31-2568	EA	White, Surface Mounted, Back Box For Chimes, Speaker (Wheelock SBB-W)	53.14	16.03
28 46 13 31-2569	EA	Red, Surface Mounted, Back Box For With RSSP (Wheelock SBL2-R)	56.38	16.03
28 46 13 31-2570	EA	Red, Semi-Flush Plate (Wheelock SFB-R)	28.24	6.41
28 46 13 31-2571	EA	White, Semi-Flush Plate (Wheelock SFB-W)	28.24	6.41
28 46 13 31-2572	EA	Red, Shallow Surface Mounted, Back Box (Wheelock SHBB-R)	46.42	16.03
28 46 13 31-2573	EA	White, Shallow Surface Mounted, Back Box (Wheelock SHBB-W)	46.42	16.03
28 46 13 31-2574	EA	Red, Adapter Plate For Mounting Sth-15S And Sth-15SR (Wheelock SHMP-R)	30.03	6.41
28 46 13 31-2575	EA	Red, Weather Resistant Back Box (Wheelock WBB-R)	51.73	16.03
28 46 13 31-2576	EA	Silver, Weather Resistant Back Box (Wheelock WBB-S)	51.73	16.03
28 46 13 31-2577	EA	White, Weather Resistant Back Box (Wheelock WBB-W)	51.73	16.03
28 46 13 31-2578	EA	Red, Flush Outdoor Mounting Plate For RS, ET, AH And MT Series (Wheelock WFP-R)	36.69	6.41
28 46 13 31-2579	EA	White, Flush Outdoor Mounting Plate For RS, ET, AH And MT Series (Wheelock WFP-W)	36.69	6.41
28 46 13 31-2580	EA	Red, Flush Outdoor Mounting Plate For ASWP Series (Wheelock WFPA-R)	36.69	6.41
28 46 13 31-2581	EA	White, Flush Outdoor Mounting Plate For ASWP Series (Wheelock WFPA-W)	36.69	6.41
28 46 13 31-2582	EA	Gasket Kit For Rear Wiring To Outdoor Back Box (Wheelock WP-KIT)	25.36	6.41
28 46 13 31-2583	EA	Weather Resistant Back Box For ASWP (Wheelock WPBB-R)	63.20	16.03
28 46 13 31-2584	EA	Weather Resistant Back Box For RSSWP (Wheelock WPSBB-R)	58.17	16.03
28 46 13 31-2585	EA	Red Plate For RSS (Wheelock RSSCP-R)	20.51	6.41
28 46 13 31-2586	EA	White Plate For RSS (Wheelock RSSCP-W)	20.51	6.41
28 46 13 31-2587	EA	Red Fire Plate For RSS (Wheelock RSSCPW-FR)	21.43	6.41
28 46 13 31-2588	EA	White Fire Plate For RSS (Wheelock RSSCPW-FW)	21.43	6.41
28 46 13 31-2589	EA	Red, Indoor, Surface Extender (Wheelock ISP2-R)	20.90	6.41
28 46 13 31-2590	EA	Red, 24 Volt DC, 135/185 Candela, Wall Mounted Strobe Plate (Wheelock RSSP-24MCHW-FR)	150.13	6.41
28 46 13 31-2591	EA	White, 24 Volt DC, 15/30/75/110 Candela, Amber Lens, Ceiling Mounted Strobe Plate (Wheelock RSSPA-24MCC-ALW)	134.68	6.41
28 46 13 31-2592	EA	White, 24 Volt DC, 15/30/75/110 Candela, Amber Lens, No Lettering, Ceiling Mounted Strobe Plate (Wheelock RSSPA-24MCC-NW)	132.39	6.41
28 46 13 31-2593	EA	White, 24 Volt DC, 15/30/75/110 Candela, Amber Lens, ALERT Lettering, Wall Mounted Strobe Plate (Wheelock RSSPA-24MCW-ALW)	134.68	6.41
28 46 13 31-2594	EA	Red, Square Grill Plate For CH70, E70, ET70 (Wheelock ECHG70-R)	23.53	6.41
28 46 13 31-2595	EA	White, Square Grill Plate For CH70, E70, ET70 (Wheelock ECHG70-W)	22.84	6.41
28 46 13 31-2596	EA	Red, Round Grill Plate For CH70, E70, ET70 (Wheelock ECHG90-R)	24.04	6.41
28 46 13 31-2597	EA	White, Round Grill Plate For CH70, E70, ET70 (Wheelock ECHG90-W)	24.04	6.41
28 46 13 31-2598	EA	White, Fire Lettered, Grill Plate For E50 Speaker/Strobe (Wheelock ECHSG50-FW)	22.84	6.41
28 46 13 31-2599	EA	Red, Square, Fire Lettered, Grill Plate For CH70,E70,ET70 Speaker/Strobe (Wheelock ECHSG70W-FR)	23.93	6.41
28 46 13 31-2600	EA	White, Square, Fire Lettered, Grill Plate For CH70,E70,ET70 Speaker/Strobe (Wheelock ECHSG70W-FW)	23.93	6.41
28 46 13 31-2601	EA	Red, Round, Fire Lettered, Grill Plate For CH70, E70, ET70 Speaker Strobe (Wheelock ECHSG90-R)	22.84	6.41
28 46 13 31-2602	EA	White, Round, Fire Lettered, Grill Plate For CH70, E70, ET70 Speaker Strobe (Wheelock ECHSG90-W)	22.84	6.41
28 46 13 31-2603	EA	Red, Surface Mounted, Extender Ring (Wheelock SER-R)	31.54	6.41
28 46 13 31-2604	EA	White, Surface Mounted, Extender Ring (Wheelock SER-W)	31.88	6.41
28 46 13 31-2605	EA	Red, Semi-Flush, Plate (Wheelock SFP-R)	25.36	6.41
28 46 13 31-2606	EA	Silver, Semi-Flush, Plate (Wheelock SFP-S)	24.04	6.41
28 46 13 31-2607	EA	White, Semi-Flush, Plate (Wheelock SFP-W)	25.36	6.41
28 46 13 31-2608	EA	Red, Weather Resistant Back Box For ASWP (Wheelock WPBB-R)	63.20	16.03
28 46 13 31-2609	EA	Red, Weather Resistant Back Box For RSSWP (Wheelock WPSBB-R)	58.17	16.03
28 46 13 31-2610	EA	White, Weather Resistant Back Box For RSSWP Series (Wheelock WPSBB-W)	58.17	16.03
28 46 13 31-2611		**Manual Pull Station** *(28 46 13 31-2419)*		
28 46 13 31-2612	EA	SPST, Single Action, Manual Pull Station (Eaton Wheelock MPS-100)	141.48	32.08
28 46 13 31-2613	EA	SPST, Double Action, Manual Pull Station (Eaton Wheelock MPS-200)	141.48	32.08
28 46 13 31-2614	EA	Explosion Proof, Single Action Manual Pull Station (Eaton Wheelock MPS-400X)	1,232.01	32.08
28 46 13 31-2615		**Potter Fire Alarm** *(28 46 13 31)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-2616		**Electric Alarm Bells** *(28 46 13 31-2615)*		
28 46 13 31-2617	EA	6" Alarm Bell, 12 Volt DC (Potter MBA-6-12)	136.30	48.11
28 46 13 31-2618	EA	8" Alarm Bell, 12 Volt DC (Potter MBA-8-12)	148.95	48.11
28 46 13 31-2619	EA	10" Alarm Bell, 12 Volt DC (Potter MBA-10-12)	155.28	48.11
28 46 13 31-2620	EA	6" Alarm Bell, 24 Volt DC (Potter MBA-6-24)	136.30	48.11
28 46 13 31-2621	EA	8" Alarm Bell, 24 Volt DC (Potter MBA-8-24)	148.95	48.11
28 46 13 31-2622	EA	10" Alarm Bell, 24 Volt DC (Potter MBA-10-24)	155.28	48.11
28 46 13 31-2623	EA	6" Alarm Bell, 24 Volt AC (Potter PBA246)	147.04	48.11
28 46 13 31-2624	EA	8" Alarm Bell, 24 Volt AC (Potter PBA248)	153.11	48.11
28 46 13 31-2625	EA	10" Alarm Bell, 24 Volt AC (Potter PBA2410)	188.90	48.11
28 46 13 31-2626	EA	6" Alarm Bell, 120 Volt AC (Potter PBA1206)	138.12	48.11
28 46 13 31-2627	EA	8" Alarm Bell, 120 Volt AC (Potter PBA1208)	153.11	48.11
28 46 13 31-2628	EA	10" Alarm Bell, 120 Volt AC (Potter PBA12010)	165.65	48.11
28 46 13 31-2629		**Manual Pull Station** *(28 46 13 31-2615)*		
28 46 13 31-2630	EA	SPST, Single Action, Manual Pull Station (Potter P32-1T)	100.02	32.08
28 46 13 31-2631	EA	DPST, Single Action, Manual Pull Station (Potter RMS-2T)	105.76	32.08
28 46 13 31-2632	EA	DPST, Single Action, Manual Pull Station (Potter RMS-6T)	170.45	32.08
28 46 13 31-2633	EA	DPST, Single Action, Key Reset Manual Pull Station (Potter RMS-1T-KL)	109.34	32.08
28 46 13 31-2634	EA	SPST, Dual Action, Manual Pull Station (Potter P32-1T-LP)	103.27	32.08
28 46 13 31-2635	EA	SPST, Weather Proof, Manual Pull Station (Potter RMS-1T-WP)	190.68	32.08
28 46 13 31-2636	EA	SPST, Weather Proof Dual Action, Manual Pull Station (Potter RMS-1T-WP-LP)	238.93	32.08
28 46 13 31-2637		**Fire Alarm Terminal Cabinets** *(28 46 13 31)*		
28 46 13 31-2638	EA	18 Point Lockable Fire Alarm Terminal Cabinet	263.58	64.24
28 46 13 31-2639	EA	32 Point Lockable Fire Alarm Terminal Cabinet	344.65	64.24
28 46 13 31-2640	EA	64 Point Lockable Fire Alarm Terminal Cabinet	506.77	64.24
28 46 13 31-2641	EA	128 Point Lockable Fire Alarm Terminal Cabinet	668.85	64.24
28 46 13 31-2642		**Test And Certification Of Fire Alarm System To Tie In To Existing Systems** *(28 46 13 31)*		
28 46 13 31-2643	DAY	Test And Certification Of Fire Alarm System To Tie Into Existing Systems	1,020.22	
28 46 13 31-2644	HR	Test And Certification Of Fire Alarm System To Tie In To Existing Systems	318.82	
28 46 13 31-2645		**Programming Of Existing Fire Alarm System** *(28 46 13 31)*		
28 46 13 31-2646	HR	Fire Alarm Techanician For Programming Of Existing Fire Alarm System	255.06	
28 46 13 31-2647		**Removal And Reinstallation Of Smoke Detector** *(28 46 13 31)*		
		Note: Includes storage, cleaning and supply materials.		
28 46 13 31-2648	EA	Removal And Reinstallation Of Ceiling Mounted Smoke Detector	179.62	
28 46 13 31-2649	EA	Removal And Reinstallation Of Wall Mounted Smoke Detector	144.33	
28 46 13 31-2650		**Kidde Fire Safety Equipment** *(28 46 13 31)*		
28 46 13 31-2651		**Smoke Detectors** *(28 46 13 31-2650)*		
28 46 13 31-2652	EA	Combination Smoke And Carbon Monoxide Detector, Intelligent Sensor, 120 Volt Hardwired, With10 Year Sealed Battery Back-up (Kidde P4010ACS-CO)	167.00	48.11
28 46 13 31-2653	EA	Combination Smoke And Carbon Monoxide Detector, 120 Volt Wired, With 10 Year Sealed Battery Back-up (Kidde i12010SCO)	147.04	48.11
28 46 13 31-2654	EA	Combination Smoke And Carbon Monoxide Detector, With 10 Year Sealed Battery (Kidde P3010K-CO)	136.41	48.11
28 46 31		**Fire-Alarm Initiating Devices** *(28 46)*		
28 46 31 11		**Heat-Sensing Fire Detectors** *(28 46 31)*		
28 46 31 11-0001		**Protectowire Fire Alarm** *(28 46 31 11)*		
28 46 31 11-0002		**Linear Heat Detector Cable** *(28 46 31 11-0001)*		
28 46 31 11-0003	LF	Multi-Purpose Linear Heat Detector, EPC Type, 155 To 220 Degree F (Protectowire PHSC-EPC)	5.97	
28 46 31 11-0004	LF	Multi-Purpose Linear Heat Detector With Messenger Wire, EPC Type, 155 To 220 Degree F (Protectowire PHSC-EPC-M	6.47	
28 46 31 11-0005	LF	High Performance Linear Heat Detector, XCR Type, 155 To 220 Degree F (Protectowire PHSC-XCR)	6.47	
28 46 31 11-0006	LF	High Performance Linear Heat Detector With Messenger Wire, XCR Type, 155 To 220 Degree F (Protectowire PHSC-XCR-M	6.97	
28 46 31 11-0007	LF	Multi-Purpose Linear Heat Detector, XLT Type, 135 Degree F (Protectowire PHSC-XLT)	7.58	
28 46 31 11-0008	LF	Multi-Purpose Linear Heat Detector With Messenger Wire, XLT Type, 135 Degree F (Protectowire PHSC-XLT-M)	8.08	
28 46 31 11-0009	EA	Flexible Lead Connector For Linear Heat Detector (Protectowire PFL)	74.89	
28 46 31 11-0010	EA	Splicing Connector For Linear Heat Detector (Protectowire PWSC)	29.61	
28 46 31 11-0011	EA	Cable Tray Clip For Linear Heat Detector (Protectowire CC-2N And CC-2W)	9.91	
28 46 31 11-0012	EA	Cable Tray Spring Clip For Linear Heat Detector (Protectowire HPC-2)	9.91	
28 46 31 11-0013	EA	Adhesive Cable Mount For Linear Heat Detector (Protectowire EMS-A-CO)	11.01	
28 46 31 11-0014	EA	Beam Clamp For Linear Heat Detector (Protectowire BC-2)	17.16	
28 46 31 11-0015	EA	Beam Clamp With Polypropylene Clip For Linear Heat Detector (Protectowire BC-3P)	17.83	
28 46 31 11-0016	EA	Pipe Mounting Straps Nylon (3/4" to 2" Pipe) (Protectowire PM-3A)	1.70	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 31 11-0017	EA	Pipe Mounting Straps Nylon (2-1/2" to 3-1/2" Pipe) (Protectowire PM-3B)	2.32	
28 46 31 11-0018	EA	Pipe Mounting Straps Nylon (4" to 6" Pipe) (Protectowire PM-3C)	10.18	

28 46 41 Fire-Alarm Notification Appliances *(28 46)*

28 46 41 11 Audible Fire-Alarm Notification Appliances *(28 46 41)*

See CSI section 28 46 13 31-0000 for fire alarm speakers.

28 46 41 31 Combination Fire-Alarm Notification Appliances *(28 46 41)*

See CSI section 28 46 13 31-0000 for fire alarm horns and strobes.

28 47 Mass Notification *(28 40)*

28 47 15 Mass Notification Control Panels *(28 47)*

28 47 15 00-0001 Central Station Controls *(28 47 15)*

28 47 15 00-0002	EA	Desktop 18 Function Base Station Control/Encoder (Whelen E747)	984.68	
28 47 15 00-0003	EA	Desktop 35 Function Base Station Control/Encoder (Whelen E969)	1,600.92	
28 47 15 00-0004	EA	Desktop Central Station Control Encoder/Decoder (Whelen E2010)	4,793.77	64.14
28 47 15 00-0005	EA	Siren Status Printer And Cable Option For E2010 (Whelen E2010P)	1,463.78	32.08
28 47 15 00-0006	EA	Rack Mounted Central Station Control Encoder/Decoder (Whelen E2010R)	5,588.57	128.30
28 47 15 00-0007	EA	Internal Option To Convert E2010 To FSK Format (Whelen E2010FSK)	813.95	32.08
28 47 15 00-0008	EA	Option To Convert Activation Controls To FSK Format (Whelen FSKCEO)	873.19	32.08

28 47 17 Notification Devices and Methods *(28 47)*

28 47 17 17 Notification Appliances and Methods Public Methods *(28 47 17)*

28 47 17 17-0001 Voice Capable Omni-Directional Speakers *(28 47 17 17)*

28 47 17 17-0002	EA	1 Cell, 109 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2901A) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	13,790.26	816.88
28 47 17 17-0003	EA	2 Cells, 115 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2902A) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	16,843.41	852.39
28 47 17 17-0004	EA	3 Cells, 119 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2903A) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	19,858.76	887.91
28 47 17 17-0005	EA	4 Cells, 121 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2904A) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	22,874.10	923.43
28 47 17 17-0006	EA	5 Cells, 123 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2905A) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	25,965.06	958.94
28 47 17 17-0007	EA	6 Cells, 125 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2906A) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	31,135.37	994.46
28 47 17 17-0008	EA	7 Cells, 126 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2907A) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	34,188.51	1,029.98
28 47 17 17-0009	EA	8 Cells, 127 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2908A) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	37,859.17	1,065.49
28 47 17 17-0010	EA	9 Cells, 128 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2909A) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	40,874.51	1,101.01
28 47 17 17-0011	EA	10 Cells, 129 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2910A) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	43,927.66	1,136.52
28 47 17 17-0012	EA	3 Cells, 127 dB, Voice Capable Rotating Directional Speaker (Whelen WPS4003) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	30,001.18	994.46
28 47 17 17-0013	EA	4 Cells, 129 dB, Voice Capable Rotating Directional Speaker (Whelen WPS4004) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	31,957.94	1,029.98
28 47 17 17-0014	EA	One-Way Control, 10 Digit DTMF Landline (Whelen D2030LL)	543.54	32.08
28 47 17 17-0015	EA	VHF High-Band Narrow-Band, One-Way Control, 10 Digit DTMF (Whelen D2030NV)	2,231.70	32.08
28 47 17 17-0016	EA	UHF Narrow-Band, One-Way Control, 10 Digit DTMF (Whelen D2030NU)	2,231.70	32.08
28 47 17 17-0017	EA	UHF Wide Band, One-Way Control, 10 Digit DTMF (Whelen D2030WU)	2,017.47	32.08
28 47 17 17-0018	EA	VHF High-Band Wide Band, One-Way Control, 10 Digit DTMF (Whelen D2030WV)	1,954.46	32.08
28 47 17 17-0019	EA	Two-Tone Sequential Option (Whelen WPSTT)	502.35	32.08
28 47 17 17-0020	EA	Full Function Auxiliary/Status Board For Contact Closure Activation (Two Way) (Whelen AUXCS)	643.08	32.08
28 47 17 17-0021	EA	Landline, 10 Digit DTMF (Whelen C2030LL)	668.25	32.08
28 47 17 17-0022	EA	VHF High-Band Narrow-Band, Two-Way Control, 10 Digit DTMF (Whelen C2030NV)	3,178.66	32.08
28 47 17 17-0023	EA	UHF Narrow-Band, Two-Way Control, 10 Digit DTMF (Whelen C2030NU)	2,445.94	32.08
28 47 17 17-0024	EA	UHF Wide-Band, 10 Digit DTMF (Whelen C2030WU)	2,445.94	32.08
28 47 17 17-0025	EA	VHF High-Wide Band, 10 Digit DTMF (Whelen C2030WV)	2,445.94	32.08
28 47 17 17-0026	EA	Option To Convert WPS Activation Controls To FSK Format (Whelen FSKXMOD)	873.19	32.08
28 47 17 17-0027	EA	Cabinet Window LED Status Indicator (Whelen STATUS)	605.67	32.08
28 47 17 17-0028	EA	Paging Interface Whelen Tones With Existing In-Plant Systems (Whelen PGINT)	413.11	32.08
28 47 17 17-0029	EA	Intrusion Alarm (Whelen INTRUWPS)	313.56	32.08
28 47 17 17-0030	EA	Custom Pre-Recorded Messages (One Time Set-Up Charge Per Message) (Whelen MSGPROG)	218.53	
28 47 17 17-0031	EA	Whelen Library Messages (Whelen MSGPROGL)	43.76	
28 47 17 17-0032	EA	Noise Cancelling Microphone Includes Local Microphone Input Harness (Whelen WPSNCMIC)	169.97	32.08
28 47 17 17-0033	EA	One Pair Of Whelen Approved Batteries (Whelen WPSBATT)	1,144.71	48.11
28 47 17 17-0034	EA	WPS And OA Series, Rooftop Mounted (Whelen RTM)	10,800.12	781.36
28 47 17 17-0035	EA	Two 80 Watt Panels, Solar Power System (Whelen SBC280) Note: Includes mounting bracket and regulator.	4,505.77	192.44
28 47 17 17-0036	EA	Amber, 6 LED Lights For The Base Of WPS Series (Whelen VALERTA)	2,288.99	48.11
28 47 17 17-0037	EA	Blue, 6 LED Lights For The Base Of WPS Series (Whelen VALERTB)	2,288.99	48.11
28 47 17 17-0038	EA	Clear, 6 LED Lights For The Base Of WPS Series (Whelen VALERTC)	2,288.99	48.11
28 47 17 17-0039	EA	Green, 6 LED Lights For The Base Of WPS Series (Whelen VALERTG)	2,288.99	48.11
28 47 17 17-0040	EA	Red, 6 LED Lights For The Base Of WPS Series Products (Whelen VALERTR)	2,288.99	48.11
28 47 17 17-0041	EA	Amber, 24 Volt DC, LED, Beacon (Whelen L31HAF4)	814.75	48.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 47 17 17-0042	EA	Blue, 24 Volt DC, LED, Beacon (Whelen L31HBF4)	814.75	48.11
28 47 17 17-0043	EA	Red, 24 Volt DC, LED, Beacon (Whelen L31HRF4)	814.75	48.11
28 47 17 17-0044	EA	Amber, 24 Volt DC, Strobe (Whelen ISB24A)	637.40	48.11
28 47 17 17-0045	EA	Blue, 24 Volt DC, Strobe (Whelen ISB24B)	637.40	48.11
28 47 17 17-0046	EA	Clear, 24 Volt DC, Strobe (Whelen ISB24C)	637.40	48.11
28 47 17 17-0047	EA	Green, 24 Volt DC, Strobe (Whelen ISB24G)	637.40	48.11
28 47 17 17-0048	EA	Red, 24 Volt DC, Strobe (Whelen ISB24R)	637.40	48.11
28 47 17 17-0049	EA	Strobe/LED Controller With Mounting Plate, Hardware And Harnessing For ISB24 (Whelen SCWPS)	887.06	32.08
28 47 17 17-0050	EA	Strobe Controller (Whelen STCTRL)	673.97	32.08
28 47 17 17-0051	EA	LED Controller (Whelen LEDCTRL)	673.97	32.08
28 47 17 17-0052	EA	Speaker Driver Handle/Plate Assembly Only (Less Speaker Driver) (Whelen EZ-PULL)	429.47	48.11
28 47 17 17-0053	EA	Siren Diagnostic and Programming Software In CD Format (Whelen SDPTS)	567.81	
28 47 17 17-0054	EA	400 Watt Speaker Driver (Whelen SPKDRV)	934.84	32.08
28 47 17 17-0055	EA	Cabinet Window LED Status Indicator (Whelen STATUS)	469.17	32.08
28 47 17 17-0056	EA	Noise Cancelling Microphone Option For Encoder (Whelen WPSMIC)	169.97	32.08
28 47 17 17-0057	EA	Notifier/Whelen Interface Board (Whelen NAUXCS)	924.54	32.08

28 47 17 17-0058 Tone Only, Omni-Alert Sirens *(28 47 17 17)*

28 47 17 17-0059	EA	One Cell, Tone Only, Omni-Alert Siren (Whelen OA1) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	11,140.38	781.36
28 47 17 17-0060	EA	Two Cell, Tone Only, Omni-Alert Siren (Whelen OA2) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	13,916.28	816.88
28 47 17 17-0061	EA	Three Cell, Tone Only, Omni-Alert Siren (Whelen OA3) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	16,666.98	852.39
28 47 17 17-0062	EA	Four Cell, Tone Only, Omni-Alert Siren (Whelen OA4) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	19,480.69	887.91
28 47 17 17-0063	EA	One Way Controls, Auxiliary Board For Contact Closure Activation (Whelen OAUXIN)	318.70	32.08
28 47 17 17-0064	EA	One Way Landline Activation, 10 Digit DTMF (Whelen OD2030LL)	543.54	32.08
28 47 17 17-0065	EA	VHF High-Narrow Band, 10 Digit DTMF (Whelen OD230NV)	2,231.70	32.08
28 47 17 17-0066	EA	UHF Narrow-Band, 10 Digit DTMF (Whelen OD230NU)	2,231.70	32.08
28 47 17 17-0067	EA	UHF Wide-Band, 10 Digit DTMF (Whelen OD230WU)	2,017.47	32.08
28 47 17 17-0068	EA	VHF High-Wide Band, 10 Digit DTMF (Whelen OD230WV)	1,954.46	32.08
28 47 17 17-0069	EA	One-Way Control Two-Tone Sequential Option (Whelen OTT)	438.28	32.08
28 47 17 17-0070	EA	Two Way Controls, Contact Closure Activation Board (Whelen OAUXCS)	701.81	32.08
28 47 17 17-0071	EA	Two Way Landline Activation (Whelen OC2030LL)	729.53	32.08
28 47 17 17-0072	EA	VHF High-Narrow Band, 10 Digit DTMF (Whelen OC230NV)	2,445.94	32.08
28 47 17 17-0073	EA	UHF Narrow-Band, 10 Digit DTMF (Whelen OC230NU)	2,445.94	32.08
28 47 17 17-0074	EA	UHF, 10 Digit DTMF (Whelen OC230WU)	2,445.94	32.08
28 47 17 17-0075	EA	VHF High Band, 10 Digit DTMF (Whelen OC230WV)	2,445.94	32.08
28 47 17 17-0076	EA	Converts The Omni-Alert Siren Activation Controls To FSK Format (Whelen OFSKXMOD)	873.19	32.08
28 47 17 17-0077	EA	Paging Interface To Interface Whelen Tones With Existing In-Plant Systems (Whelen OPGINT)	413.11	32.08
28 47 17 17-0078	EA	Cabinet Window LED Status Indicator (Whelen OSTATUS)	469.17	32.08
28 47 17 17-0079	EA	Intrusion Alarm (Whelen OINTRU)	251.78	32.08
28 47 17 17-0080	EA	80 Watt Solar Power Option (Whelen OSBC280)	4,505.77	192.44
28 47 17 17-0081	EA	One Pair Of Whelen Approved Batteries For Omnialert (Whelen BSETO)	952.04	48.11

28 47 17 17-0082 Tone-Only Rotating Directional Speakers *(28 47 17 17)*

28 47 17 17-0083	EA	3 Cells, 127 dB, Tone-Only Rotating Directional Speaker (Whelen VORTEXR3) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	23,126.14	923.43
28 47 17 17-0084	EA	4 Cells, 129 dB, Tone-Only Rotating Directional Speaker (Whelen VORTEXR4) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	24,528.42	958.94
28 47 17 17-0085	EA	Limited Function Auxiliary Board For Contact Closure Activation (Whelen VAUXIN)	295.26	32.08
28 47 17 17-0086	EA	Landline, 10 Digit DTMF (Whelen VD2030LL)	592.17	32.08
28 47 17 17-0087	EA	VHF High-Narrow Band, 10 Digit DTMF (Whelen VD230NV)	2,231.70	32.08
28 47 17 17-0088	EA	UHF Narrow-Band, 10 Digit DTMF (Whelen VD230NU)	2,231.70	32.08
28 47 17 17-0089	EA	UHF Wide-Band, 10 Digit DTMF (Whelen VD230WU)	2,017.47	32.08
28 47 17 17-0090	EA	VHF High-Wide Band, 10 Digit DTMF (Whelen VD230WV)	1,954.46	32.08
28 47 17 17-0091	EA	Two-Tone Sequential Option (Order One-Way Control Option, Above, VD2020LI, VD2020H, VD2020U) (Whelen VORTT)	438.28	32.08
28 47 17 17-0092	EA	Full Function Auxiliary/Status Control Board For Contact Closure Activation (Whelen VAUXCS)	687.94	32.08
28 47 17 17-0093	EA	Landline, 10 Digit DTMF (Whelen VC2030LL)	729.53	32.08
28 47 17 17-0094	EA	VHF High-Narrow Band, 10 Digit DTMF (Whelen VC230NV)	2,445.94	32.08
28 47 17 17-0095	EA	UHF Narrow-Band, 10 Digit DTMF (Whelen VC230NU)	2,445.94	32.08
28 47 17 17-0096	EA	UHF, 10 Digit DTMF (Whelen VC230WU)	2,445.94	32.08
28 47 17 17-0097	EA	VHF High Band, 10 Digit DTMF (Whelen VC230WV)	2,445.94	32.08
28 47 17 17-0098	EA	Option To Convert The Vortex Activation Controls To FSK Format (Whelen VFSKXMOD)	873.19	32.08
28 47 17 17-0099	EA	Cabinet Window LED Status Indicator (Whelen VSTATUS)	510.25	32.08
28 47 17 17-0100	EA	Paging Interface To Interface Whelen Tones With Existing In-Plant Systems (Whelen VPGINT)	413.11	32.08
28 47 17 17-0101	EA	Vortex Intrusion Alarm (Whelen VINTRU)	251.78	32.08
28 47 17 17-0102	EA	Speaker Pole Top Bracket (Whelen VPTB)	701.81	32.08
28 47 17 17-0103	EA	80 Watt Solar Power Option (Whelen VSBC280)	4,505.77	192.44
28 47 17 17-0104	EA	One Pair Of Whelen Approved Batteries For Vortex Series (Whelen BSETVOR)	952.04	48.11
28 47 17 17-0105	EA	Program Charge For Custom VROM Message (Whelen VPROG)	3,714.05	

28 47 17 17-0106 Uni-Directional Rotating Speakers *(28 47 17 17)*

28 47 17 17-0107	EA	118 dB, Uni-Directional Rotating Speaker (Whelen HORNET)	14,748.02	816.88
28 47 17 17-0108	EA	One Way Contact Closure Activation Control Board (Whelen HAUXIN)	295.26	32.08
28 47 17 17-0109	EA	Landline, One Way Control, 10 Digit DTMF (Whelen HD2030LL)	592.17	32.08

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 47 17 17-0110	EA	VHF High-Narrow Band, One Way Control, 10 Digit DTMF (Whelen HD230NV)	2,231.70	32.08
28 47 17 17-0111	EA	UHF Narrow-Band, One Way Control, 10 Digit DTMF (Whelen HD230NU)	2,231.70	32.08
28 47 17 17-0112	EA	UHF Wide-Band, One Way Control, 10 Digit DTMF (Whelen HD230WU)	2,017.47	32.08
28 47 17 17-0113	EA	VHF High-Wide Band, One Way Control, 10 Digit DTMF (Whelen HD230WV)	1,954.46	32.08
28 47 17 17-0114	EA	Two-Tone Sequential Option For Hornet (Whelen HORTT)	476.23	32.08
28 47 17 17-0115	EA	Two Way Contact Closure Activation And Status Control Board (Whelen HAUXCS)	630.49	32.08
28 47 17 17-0116	EA	Landline, Two Way Control, 10 Digit DTMF (Whelen HC2030LL)	668.25	32.08
28 47 17 17-0117	EA	VHF High-Narrow Band, Two Way Control, 10 Digit DTMF (Whelen HC230NV)	2,445.94	32.08
28 47 17 17-0118	EA	UHF Narrow-Band, Two Way Control, 10 Digit DTMF (Whelen HC230NU)	2,445.94	32.08
28 47 17 17-0119	EA	UHF, Two Way Control, 10 Digit DTMF (Whelen HC230WU)	2,445.94	32.08
28 47 17 17-0120	EA	VHF High Band, Two Way Control, 10 Digit DTMF (Whelen HC230WV)	2,445.94	32.08
28 47 17 17-0121	EA	Converts Siren Activation Controls To FSK Format (Whelen HFSKXMOD)	873.19	32.08
28 47 17 17-0122	EA	LED Status Indicator (Whelen HSTATUS)	469.17	32.08
28 47 17 17-0123	EA	Option For Paging Interface (Whelen HPGINT)	413.11	32.08
28 47 17 17-0124	EA	Intrusion Alarm (Whelen HINTRU)	251.78	32.08
28 47 17 17-0125	EA	Solar Power Option (Whelen HSBC280)	4,505.77	192.44
28 47 17 17-0126	EA	Pole Top Bracket For Speaker (Whelen HPTB)	664.82	32.08
28 47 17 17-0127	EA	One Pair Of Whelen Approved Batteries (Whelen BSETF)	952.04	48.11

28 47 17 17-0128 All Hazard In-Plant Personnel Warning System *(28 47 17 17)*

28 47 17 17-0129	EA	400 Watt, Voice Capable, In-Plant Personnel Warning System (Whelen IPS400)	7,396.02	1,026.36
28 47 17 17-0130	EA	800 Watt, Voice Capable, In-Plant Personnel Warning System (Whelen IPS800)	8,975.83	1,154.66
28 47 17 17-0131	EA	15 Watt, Wide Angle Speaker (Whelen WS15T)	420.01	48.11
28 47 17 17-0132	EA	Recess Mounted, 15 Watt Speaker (Whelen WS15TR)	401.71	48.11
28 47 17 17-0133	EA	With Grill, Recess Mounted, 15 Watt Speaker (Whelen WS15TEN)	767.84	48.11
28 47 17 17-0134	EA	30 Watt, Wide Angle Speaker (Whelen WS30T)	524.13	48.11
28 47 17 17-0135	EA	60 Watt, Wide Angle Speaker (Whelen WS60T)	1,059.59	48.11
28 47 17 17-0136	EA	Explosion-Proof, 60 Watt, Wide Angle Speaker (Whelen WSXPL6T)	1,785.13	54.52
28 47 17 17-0137	EA	100 Watt, Wide Angle Speaker (Whelen WS100)	675.16	48.11
28 47 17 17-0138	EA	Weatherproof Housing, 100 Watt, Wide Angle Speaker (Whelen WS100TCH)	1,054.12	54.52
28 47 17 17-0139	EA	Intrusion Alarm For Whelen Outdoor Speaker Cabinets (Whelen INTRU)	251.78	32.08

28 47 17 17-0140 Firehouse Siren *(28 47 17 17)*

28 47 17 17-0141	EA	Auxiliary Board Contact Closure (Whelen FAUXIN)	295.26	32.08
28 47 17 17-0142	EA	Two-Tone Sequential Option (Whelen FTT)	438.28	32.08
28 47 17 17-0143	EA	Auxiliary/Status Control Board (Whelen FAUXCS)	687.94	32.08
28 47 17 17-0144	EA	Landline, 10 Digit DTMF (Whelen FC2030LL)	668.25	32.08
28 47 17 17-0145	EA	VHF High-Narrow Band, 10 Digit DTMF (Whelen FC230NV)	2,445.94	32.08
28 47 17 17-0146	EA	UHF Narrow-Band, 10 Digit DTMF (Whelen FC230NU)	2,445.94	32.08
28 47 17 17-0147	EA	UHF, 10 Digit DTMF (Whelen FC230WU)	2,445.94	32.08
28 47 17 17-0148	EA	VHF High Band, 10 Digit DTMF (Whelen FC230WV)	2,445.94	32.08
28 47 17 17-0149	EA	Paging Interface Control Option (Whelen FPGINT)	413.11	32.08
28 47 17 17-0150	EA	Intrusion Alarm Control Option (Whelen FINTRU)	251.78	32.08
28 47 17 17-0151	EA	Solar Power Option (Whelen FSBC280) Note: Two 80 watt panels, with brackets and solar regulator.	4,505.77	192.44

28 47 17 17-0152 Alert Monitor And Message Display *(28 47 17 17)*

28 47 17 17-0153	EA	Alert Monitor With Radio Receiver VHF High Band (Whelen V2000H)	2,042.67	32.08
28 47 17 17-0154	EA	Alert Monitor VHF High-Narrow Band (Whelen V2000NH)	2,042.67	32.08
28 47 17 17-0155	EA	Alert Monitor UHF Narrow-Band (Whelen V2000NU)	2,042.67	32.08
28 47 17 17-0156	EA	Alert Monitor With Radio Receiver UHF (Whelen V2000U)	2,042.67	32.08
28 47 17 17-0157	EA	Internal Battery And Charger For VA2000 Series (Whelen VA2BATT)	264.41	48.11
28 47 17 17-0158	EA	Mounting Bracket For Under Cabinet Or Vehicle Mounting - VA2000 Series (Whelen VA2MTG)	76.73	32.08
28 47 17 17-0159	EA	Factory Programming Of 1 To 15 VA2000 Display Messages (Whelen VA2PROGA)	162.47	
28 47 17 17-0160	EA	Factory Programming Of 16 To 45 VA2000 Display Messages (Whelen VA2PROGB)	255.15	

28 47 17 17-0161 Portable Test Set *(28 47 17 17)*

28 47 17 17-0162	EA	VHF High Band, Portable Test Set (Whelen PT2010H)	8,229.17	
28 47 17 17-0163	EA	VHF Low Band, Portable Test Set (Whelen PT2010L)	8,229.17	
28 47 17 17-0164	EA	UHF, Portable Test Set (Whelen PT2010U)	8,229.17	

28 47 17 17-0165 Replacement Warning Lights *(28 47 17 17)*

28 47 17 17-0166	EA	Amber, Incandescent, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024IA)	413.84	51.32
28 47 17 17-0167	EA	Blue, Incandescent, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024IB)	413.84	51.32
28 47 17 17-0168	EA	Clear, Incandescent, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024IC)	413.84	51.32
28 47 17 17-0169	EA	Green, Incandescent, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024IG)	413.84	51.32
28 47 17 17-0170	EA	Red, Incandescent, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024IR)	413.84	51.32
28 47 17 17-0171	EA	Amber, Incandescent, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120IA)	444.73	51.32
28 47 17 17-0172	EA	Blue, Incandescent, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120IB)	290.27	51.32
28 47 17 17-0173	EA	Clear, Incandescent, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120IC)	440.15	51.32
28 47 17 17-0174	EA	Green, Incandescent, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120IG)	440.15	51.32
28 47 17 17-0175	EA	Red, Incandescent, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120IR)	440.15	51.32
28 47 17 17-0176	EA	Amber, Halogen, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024HA)	413.84	51.32
28 47 17 17-0177	EA	Blue, Halogen, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024HB)	413.84	51.32
28 47 17 17-0178	EA	Clear, Halogen, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024HC)	413.84	51.32

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 47 17 17-0179	EA	Green, Halogen, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024HG)	413.84	51.32
28 47 17 17-0180	EA	Red, Halogen, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024HR)	413.84	51.32
28 47 17 17-0181	EA	Amber, Halogen, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120HA)	463.04	51.32
28 47 17 17-0182	EA	Blue, Halogen, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120HB)	463.04	51.32
28 47 17 17-0183	EA	Clear, Halogen, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120HC)	301.71	51.32
28 47 17 17-0184	EA	Green, Halogen, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120HG)	301.71	51.32
28 47 17 17-0185	EA	Red, Halogen, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120HR)	301.71	51.32
28 47 17 17-0186		Antenna *(28 47 17 17)*		
28 47 17 17-0187	EA	50' Antenna Cable (Honeywell Ademco 7626-50HC)	317.58	
28 47 17 17-0188	EA	External/Remote Weatherproof Antenna (Honeywell Ademco GSM-ANT3DB)	285.14	
28 47 17 17-0189	EA	80GHz Millimeter Wave Radio (BridgeWave Flex4G-1000)	15,555.34	
28 47 21		**Mass Notification System Interfaces** *(28 47)*		
28 47 21 21		**Notification Interfaces to Fire Detection and Alarm** *(28 47 21)*		
28 47 21 21-0001		Emergency Command Center (Honeywell Fire-Lite) *(28 47 21 21)*		
28 47 21 21-0002	EA	Emergency Command Center Multipurpose Emergency Voice Eevacuation Panels (Fire-Lite ECC-50/100(E))	2,748.19	320.74
28 47 21 21-0003	EA	Circuit Expander Module (Fire-Lite ECC_CE6)	534.95	25.66
28 47 21 21-0004	EA	25V, 50 Watt Audio Amplifier Module (Fire-Lite ECC_50W_25V)	469.79	32.08
28 47 21 21-0005	EA	75V, 50 Watt Audio Amplifier Module (Fire-Lite ECC_50W_70V)	484.43	32.08
28 47 21 21-0006	EA	70V Transformer Conversion Module (Fire-Lite ECC_XRM_70V)	248.71	32.08
28 47 21 21-0007	EA	Local Operator Console (Fire-Lite ECC-LOC)	1,477.18	64.14
28 47 21 21-0008	EA	Remote Page Unit Hand Held Micorphone (Fire-Lite ECC-RPU)	1,170.81	16.03
28 47 21 21-0009	EA	Distributed (Remote) Audio Amplifier, 50 Watts (Fire-Lite ECC-50DA)	1,122.95	64.14
28 47 21 21-0010	EA	Distributed (Remote) Audio Amplifier, 125 Watts (Fire-Lite ECC-125DA)	1,936.99	64.14
28 47 21 21-0011	EA	Distributed (Remote) Audio Amplifier With Backup, 50/100 Watts (Fire-Lite ECC50BDA)	3,075.87	64.14
28 47 21 21-0012	EA	100 Watt Primary / 50 Watt Back-up Remote Amplifier Expander Card (Fire-Lite ECC-50WBU)	1,507.40	32.08
28 47 21 21-0013	EA	Distributed Audio Speaker Circuit/Zone Expander Module (Fire-Lite ECC-CE4)	464.44	32.08
28 47 21 21-0014	EA	Addressable Mini-Monitor Module (Fire-Lite MMF-301)	107.88	32.08
28 47 21 21-0015	EA	Thumb Latch (Fire-Lite THUMBLTCH)	60.03	12.83
28 47 21 21-0016	EA	25-120 Ampere-Hours (AH) Battery Charger (Fire-Lite CHG-120F)	842.68	12.83
28 47 21 21-0017	EA	Replacement Microphone (Fire-Lite ECC-MICROPHONE)	173.54	12.83
28 47 21 21-0018	EA	12 Volt, 7 Ampere-Hour (AH) Battery (Fire-Lite BAT-1270)	321.84	32.08
28 47 21 21-0019	EA	12 Volt, 12 Ampere-Hour (AH) Battery (Fire-Lite BAT-12120)	413.93	32.08
28 47 21 21-0020	EA	12 Volt, 18 Ampere-Hour (AH) Battery (Fire-Lite BAT-12180)	306.89	32.08
28 49		**Electronic Personal Protection Systems** *(28 40)*		
28 49 11		**Electronic Personal Safety Detection Systems** *(28 49)*		
28 49 11 00-0001		Personnel Alarm Locating System *(28 49 11)* Note: Includes a central computer, 17" VGA color monitor, keyboard and mouse, personal alarm locating software, a printer, interface cards and panels, eighty (80) personal alarm transmitters with lithium batteries, eighty (80) lapel readers, two hundred fifty (250) IR locators, twenty one (21) repeaters and receivers, back boxes, cables.		
28 49 11 00-0002	EA	Personnel Alarm Locating System Note: Includes Pentium III central computer, 17" VGA color monitor, keyboard and mouse, personal alarm locating software, a printer, interface cards and panels.	24,545.70	1,029.62
28 49 11 00-0003	EA	Personnel Alarm Transmitters With Lithium Batteries	194.88	
28 49 11 00-0004	EA	Lapel Reader	74.96	
28 49 11 00-0005	EA	IR Locator	271.95	38.55
28 49 11 00-0006	EA	Repeaters And Receivers	661.75	128.50
28 49 17		**Electronic Personal Safety Emergency Aid Devices** *(28 49)*		
28 49 17 00-0001		Electronic Personal Safety Emergency Aid Devices (Edwards Signaling) *(28 49 17)*		
28 49 17 00-0002		Call For Assistance Kits, Emergency Aid Devices (Edwards Signaling) *(28 49 17 00-0001)*		
28 49 17 00-0003	EA	Pull Cord Call For Assistance Kit With Strobe/Buzzer, Emergency Aid Devices (Edwards Signaling 7008B-N5) Note: Includes 1 high intensity strobe/buzzer (7007B-N5) and 1 emergency pull cord station (6537).	352.56	77.10
28 49 17 00-0004	EA	Push Button Call For Assistance Kit With Strobe/Horn, Emergency Aid Devices (Edwards Signaling 7005-G5) Note: Includes 1 high intensity strobe/horn (6536-G5), 1 emergency pull cord station (6537), and 1 transformer 592.	418.41	89.95
28 49 17 00-0005	EA	Pull Cord Call For Assistance Kit With Strobe/Horn, Emergency Aid Devices (Edwards Signaling 6538-G5) Note: Includes 1 high intensity strobe/horn (6536-G5), 1 wall mounted push button (620/147-10), and 1 transformer 592.	421.55	89.95
28 49 17 00-0006		Audible/Visual Signaling Devices, Emergency Aid Devices (Edwards Signaling) *(28 49 17 00-0001)*		
28 49 17 00-0007	EA	High Intensity Strobe/Buzzer, Emergency Aid Devices (Edwards Signaling 7007B-N5)	259.89	48.18
28 49 17 00-0008	EA	High Intensity Strobe/Horn, Emergency Aid Devices (Edwards Signaling 6536-G5)	253.51	38.55
28 49 17 00-0009	EA	Transformer For High Intensity Strobe/Horns, Emergency Aid Devices (Edwards Signaling 592)	116.67	38.55
28 49 17 00-0010	EA	1 Lamp, Dome Station, Emergency Aid Devices (Edwards Signaling 7641-1N5)	204.92	38.55
28 49 17 00-0011	EA	2 Lamp, Dome Station, Emergency Aid Devices (Edwards Signaling 7641-2N5)	236.48	38.55

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 49 17 00-0012	EA	4 Lamp, Dome Station, Emergency Aid Devices (Edwards Signaling 7641-4G5)	269.22	38.55
28 49 17 00-0013	EA	2 Lamp, Dome Station/Buzzer, Emergency Aid Devices (Edwards Signaling 7633-2)	374.48	38.55
28 49 17 00-0014	EA	4 Lamp, Dome Station/Buzzer, Emergency Aid Devices (Edwards Signaling 7633-4)	419.77	38.55
28 49 17 00-0015		Call Activation Devices, Emergency Aid Devices (Edwards Signaling) *(28 49 17 00-0001)*		
28 49 17 00-0016	EA	Double Pole Single Throw Switch, Pull Cord Station With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 6537)	156.27	38.55
28 49 17 00-0017	EA	Pushbutton Wall Station/Indicator Lamp With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 7603E)	231.48	38.55
28 49 17 00-0018	EA	Pushbutton Wall Station/Indicator Lamp With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 7613E)	304.10	38.55
28 49 17 00-0019	EA	3 Maintained Contacts, Pull Cord Station With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 7302)	327.31	12.85
28 49 17 00-0020	EA	Bedside Wall Station Receptacle, Emergency Aid Devices (Edwards Signaling 7930)	238.20	38.55
28 49 17 00-0021	EA	Bedside Wall Station Receptacle With Lamp, Emergency Aid Devices (Edwards Signaling 7930L)	281.63	38.55
28 49 17 00-0022	EA	Locking Button, Pull Cord Station With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 7932L)	479.53	38.55
28 49 17 00-0023	EA	Pendant Push Button, Emergency Aid Devices (Edwards Signaling 7620)	226.26	38.55
28 49 17 00-0024	EA	Single 6' Calling Cord Set For Bedside Wall Station Receptacles, Emergency Aid Devices (Edwards Signaling 7675)	276.56	12.85
28 49 17 00-0025	EA	Double 6' Calling Cord Set For Bedside Wall Station Receptacles, Emergency Aid Devices (Edwards Signaling 7676)	428.13	12.85
28 49 17 00-0026	EA	Single 15' Calling Cord Set For Bedside Wall Station Receptacles, Emergency Aid Devices (Edwards Signaling 7685)	437.45	12.85
28 49 17 00-0027	EA	Double 15' Calling Cord Set For Bedside Wall Station Receptacles, Emergency Aid Devices (Edwards Signaling 7686)	576.64	12.85

END OF SECTION 28

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

31 Earthwork

31 01 Maintenance of Earthwork *(31)*

31 01 20 Maintenance of Earth Moving *(31 01)*

31 01 20 00-0001 Rip Settling Basins *(31 01 20)*

Note: Rip through light soil and sand in settling basin. 8' on center (machine width).

31 01 20 00-0002	ACR	Rip Light Soil And Sand, By Dozer	718.21
31 01 20 00-0003	ACR	Rip Light Soil And Sand, By Grader With Rear Ripper	1,143.60
31 01 20 00-0004	ACR	Rip Light Soil And Sand, By Rubber Tire Front End Loader	982.13

31 05 Common Work Results for Earthwork *(31)*

31 05 13 Soils for Earthwork *(31 05)*

Note: Includes delivery up to 15 miles from the closest approved source and dumping. Excludes spreading or backfilling. See CSI section 01 74 19 00-0040 for hauling greater than 15 miles.

31 05 13 00-0001 Fill Material (Loose, Purchased Material) *(31 05 13)*

Note: Includes delivery up to 15 miles from the closest approved source, loading and dumping. Excludes spreading or backfilling. See CSI section 01 74 19 00-0040 for hauling greater than 15 miles.

31 05 13 00-0002	CY	Bank Run/Fill Sand	34.27
		For Up To 8, Add	*6.85*
		For >8 To 16, Add	*3.43*
		For >48 To 64, Deduct	*-2.55*
		For >64 To 96, Deduct	*-4.27*
		For >96 To 168, Deduct	*-5.98*
		For >168 To 240, Deduct	*-7.25*
		For >240, Deduct	*-8.53*
31 05 13 00-0003	CY	Screened/Washed Filter/Septic Sand	40.31
		For Up To 8, Add	*8.06*
		For >8 To 16, Add	*4.03*
		For >48 To 64, Deduct	*-2.85*
		For >64 To 96, Deduct	*-4.87*
		For >96 To 168, Deduct	*-6.88*
		For >168 To 240, Deduct	*-8.31*
		For >240, Deduct	*-9.74*
31 05 13 00-0004	CY	3/8" Minus, ASTM C33, Screened/Washed Bedding Sand	54.81
		For Up To 8, Add	*10.96*
		For >8 To 16, Add	*5.48*
		For >48 To 64, Deduct	*-3.58*
		For >64 To 96, Deduct	*-6.32*
		For >96 To 168, Deduct	*-9.06*
		For >168 To 240, Deduct	*-10.85*
		For >240, Deduct	*-12.64*
31 05 13 00-0005	CY	3/16" Minus, Screened/Washed Concrete Sand	49.37
		For Up To 8, Add	*9.87*
		For >8 To 16, Add	*4.94*
		For >48 To 64, Deduct	*-3.31*
		For >64 To 96, Deduct	*-5.78*
		For >96 To 168, Deduct	*-8.24*
		For >168 To 240, Deduct	*-9.90*
		For >240, Deduct	*-11.55*
31 05 13 00-0006	CY	3/32" Minus, Screened/Washed Masonry/Mortar Sand	86.81
		For Up To 8, Add	*17.36*
		For >8 To 16, Add	*8.68*
		For >48 To 64, Deduct	*-5.18*
		For >64 To 96, Deduct	*-9.52*
		For >96 To 168, Deduct	*-13.86*
		For >168 To 240, Deduct	*-16.45*
		For >240, Deduct	*-19.04*
31 05 13 00-0007	CY	Common Fill, Native Soil/Dirt	37.11
		For Up To 8, Add	*7.42*
		For >8 To 16, Add	*3.71*
		For >48 To 64, Deduct	*-2.69*
		For >64 To 96, Deduct	*-4.55*
		For >96 To 168, Deduct	*-6.40*
		For >168 To 240, Deduct	*-7.75*
		For >240, Deduct	*-9.10*
31 05 13 00-0008	CY	Lime Rock Screening	41.20
		For Up To 8, Add	*8.24*
		For >8 To 16, Add	*4.12*
		For >48 To 64, Deduct	*-2.90*
		For >64 To 96, Deduct	*-4.96*
		For >96 To 168, Deduct	*-7.02*
		For >168 To 240, Deduct	*-8.47*
		For >240, Deduct	*-9.92*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 05 13 00-0009	CY	Crushed Lime Rock Maximum 3-1/2"	41.20	
		For Up To 8, Add	*8.24*	
		For >8 To 16, Add	*4.12*	
		For >48 To 64, Deduct	*-2.90*	
		For >64 To 96, Deduct	*-4.96*	
		For >96 To 168, Deduct	*-7.02*	
		For >168 To 240, Deduct	*-8.47*	
		For >240, Deduct	*-9.92*	
31 05 13 00-0010	CY	Sand/Clay	35.81	
		For Up To 8, Add	*7.16*	
		For >8 To 16, Add	*3.58*	
		For >48 To 64, Deduct	*-2.63*	
		For >64 To 96, Deduct	*-4.42*	
		For >96 To 168, Deduct	*-6.21*	
		For >168 To 240, Deduct	*-7.52*	
		For >240, Deduct	*-8.84*	
31 05 13 00-0011	CY	Recycled Concrete Aggregate	36.96	
		For Up To 8, Add	*7.39*	
		For >8 To 16, Add	*3.70*	
		For >48 To 64, Deduct	*-2.69*	
		For >64 To 96, Deduct	*-4.53*	
		For >96 To 168, Deduct	*-6.38*	
		For >168 To 240, Deduct	*-7.73*	
		For >240, Deduct	*-9.07*	
31 05 13 00-0012	CY	Pit Run Clay	51.64	
		For Up To 8, Add	*10.33*	
		For >8 To 16, Add	*5.16*	
		For >48 To 64, Deduct	*-3.42*	
		For >64 To 96, Deduct	*-6.00*	
		For >96 To 168, Deduct	*-8.58*	
		For >168 To 240, Deduct	*-10.29*	
		For >240, Deduct	*-12.00*	
31 05 13 00-0013	CY	Light Clay / Loam	42.87	
		For Up To 8, Add	*8.57*	
		For >8 To 16, Add	*4.29*	
		For >48 To 64, Deduct	*-2.98*	
		For >64 To 96, Deduct	*-5.13*	
		For >96 To 168, Deduct	*-7.27*	
		For >168 To 240, Deduct	*-8.76*	
		For >240, Deduct	*-10.25*	
31 05 13 00-0014	CY	Heavy Clay	51.64	
		For Up To 8, Add	*10.33*	
		For >8 To 16, Add	*5.16*	
		For >48 To 64, Deduct	*-3.42*	
		For >64 To 96, Deduct	*-6.00*	
		For >96 To 168, Deduct	*-8.58*	
		For >168 To 240, Deduct	*-10.29*	
		For >240, Deduct	*-12.00*	

31 05 16 Aggregates for Earthwork *(31 05)*

See CSI section 01 74 19 00-0040 for hauling greater than 15 miles.

31 05 16 00-0001 Aggregate (Loose, Purchased Material) *(31 05 16)*

Note: Includes delivery up to 15 miles from the closest approved source, loading and dumping. Excludes spreading or backfilling. See CSI section 01 74 19 00-0040 for hauling greater than 15 miles.

31 05 16 00-0002	CY	#2 Stone Aggregate Fill (1-1/2" To 2-1/2" Clean)	55.10	
		For Up To 8, Add	*11.02*	
		For >8 To 16, Add	*5.51*	
		For >48 To 64, Deduct	*-3.59*	
		For >64 To 96, Deduct	*-6.35*	
		For >96 To 168, Deduct	*-9.10*	
		For >168 To 240, Deduct	*-10.90*	
		For >240, Deduct	*-12.70*	
31 05 16 00-0003	CY	#3 Stone Aggregate Fill (1" To 2" Clean)	57.35	
		For Up To 8, Add	*11.47*	
		For >8 To 16, Add	*5.74*	
		For >48 To 64, Deduct	*-3.71*	
		For >64 To 96, Deduct	*-6.57*	
		For >96 To 168, Deduct	*-9.44*	
		For >168 To 240, Deduct	*-11.29*	
		For >240, Deduct	*-13.15*	
31 05 16 00-0004	CY	#4 Stone Aggregate Fill (3/4" To 1-1/2" Clean)	55.10	
		For Up To 8, Add	*11.02*	
		For >8 To 16, Add	*5.51*	
		For >48 To 64, Deduct	*-3.59*	
		For >64 To 96, Deduct	*-6.35*	
		For >96 To 168, Deduct	*-9.10*	
		For >168 To 240, Deduct	*-10.90*	
		For >240, Deduct	*-12.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 05 16 00-0005	CY	#5 Stone Aggregate Fill (1/2" To 1" Clean)	58.98	
		For Up To 8, Add	*11.80*	
		For >8 To 16, Add	*5.90*	
		For >48 To 64, Deduct	*-3.79*	
		For >64 To 96, Deduct	*-6.74*	
		For >96 To 168, Deduct	*-9.69*	
		For >168 To 240, Deduct	*-11.58*	
		For >240, Deduct	*-13.47*	
31 05 16 00-0006	CY	#6 Stone Aggregate Fill (3/8" To 3/4" Clean)	61.26	
		For Up To 8, Add	*12.25*	
		For >8 To 16, Add	*6.13*	
		For >48 To 64, Deduct	*-3.90*	
		For >64 To 96, Deduct	*-6.96*	
		For >96 To 168, Deduct	*-10.03*	
		For >168 To 240, Deduct	*-11.98*	
		For >240, Deduct	*-13.93*	
31 05 16 00-0007	CY	#56 Stone Aggregate Fill (3/8" To 1")	59.33	
		For Up To 8, Add	*11.87*	
		For >8 To 16, Add	*5.93*	
		For >48 To 64, Deduct	*-3.80*	
		For >64 To 96, Deduct	*-6.77*	
		For >96 To 168, Deduct	*-9.74*	
		For >168 To 240, Deduct	*-11.64*	
		For >240, Deduct	*-13.54*	
31 05 16 00-0008	CY	#57 Stone Aggregate Fill (3/8" To 1")	63.32	
		For Up To 8, Add	*12.66*	
		For >8 To 16, Add	*6.33*	
		For >48 To 64, Deduct	*-4.00*	
		For >64 To 96, Deduct	*-7.17*	
		For >96 To 168, Deduct	*-10.34*	
		For >168 To 240, Deduct	*-12.34*	
		For >240, Deduct	*-14.34*	
31 05 16 00-0009	CY	#67 Or #68 Stone Aggregate Fill (3/16" To 3/4")	57.22	
		For Up To 8, Add	*11.44*	
		For >8 To 16, Add	*5.72*	
		For >48 To 64, Deduct	*-3.70*	
		For >64 To 96, Deduct	*-6.56*	
		For >96 To 168, Deduct	*-9.42*	
		For >168 To 240, Deduct	*-11.27*	
		For >240, Deduct	*-13.12*	
31 05 16 00-0010	CY	#7 Stone Aggregate Fill (3/8" To 1/2")	58.33	
		For Up To 8, Add	*11.67*	
		For >8 To 16, Add	*5.83*	
		For >48 To 64, Deduct	*-3.75*	
		For >64 To 96, Deduct	*-6.67*	
		For >96 To 168, Deduct	*-9.59*	
		For >168 To 240, Deduct	*-11.46*	
		For >240, Deduct	*-13.34*	
31 05 16 00-0011	CY	#78 Stone Aggregate Fill (3/32" To 1/2")	58.81	
		For Up To 8, Add	*11.76*	
		For >8 To 16, Add	*5.88*	
		For >48 To 64, Deduct	*-3.78*	
		For >64 To 96, Deduct	*-6.72*	
		For >96 To 168, Deduct	*-9.66*	
		For >168 To 240, Deduct	*-11.55*	
		For >240, Deduct	*-13.44*	
31 05 16 00-0012	CY	#8 Stone Aggregate Fill (3/32" To 3/8")	61.26	
		For Up To 8, Add	*12.25*	
		For >8 To 16, Add	*6.13*	
		For >48 To 64, Deduct	*-3.90*	
		For >64 To 96, Deduct	*-6.96*	
		For >96 To 168, Deduct	*-10.03*	
		For >168 To 240, Deduct	*-11.98*	
		For >240, Deduct	*-13.93*	
31 05 16 00-0013	CY	#89 Stone Aggregate Fill (1/16" To 3/8")	61.95	
		For Up To 8, Add	*12.39*	
		For >8 To 16, Add	*6.20*	
		For >48 To 64, Deduct	*-3.94*	
		For >64 To 96, Deduct	*-7.03*	
		For >96 To 168, Deduct	*-10.13*	
		For >168 To 240, Deduct	*-12.10*	
		For >240, Deduct	*-14.07*	
31 05 16 00-0014	CY	#9 Stone Aggregate Fill (3/32" To 3/16")	61.26	
		For Up To 8, Add	*12.25*	
		For >8 To 16, Add	*6.13*	
		For >48 To 64, Deduct	*-3.90*	
		For >64 To 96, Deduct	*-6.96*	
		For >96 To 168, Deduct	*-10.03*	
		For >168 To 240, Deduct	*-11.98*	
		For >240, Deduct	*-13.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 05 16 00-0015	CY	#10 Stone Aggregate Fill (1/16" To 3/16")	62.67	
		For Up To 8, Add	*12.53*	
		For >8 To 16, Add	*6.27*	
		For >48 To 64, Deduct	*-3.97*	
		For >64 To 96, Deduct	*-7.11*	
		For >96 To 168, Deduct	*-10.24*	
		For >168 To 240, Deduct	*-12.22*	
		For >240, Deduct	*-14.21*	
31 05 16 00-0016	CY	#610 Modified Stone Aggregate Fill (1/16" To 3/4")	61.95	
		For Up To 8, Add	*12.39*	
		For >8 To 16, Add	*6.20*	
		For >48 To 64, Deduct	*-3.94*	
		For >64 To 96, Deduct	*-7.03*	
		For >96 To 168, Deduct	*-10.13*	
		For >168 To 240, Deduct	*-12.10*	
		For >240, Deduct	*-14.07*	
31 05 16 00-0017	CY	Screenings Stone Aggregate Fill (3/16" Max)	51.95	
		For Up To 8, Add	*10.39*	
		For >8 To 16, Add	*5.20*	
		For >48 To 64, Deduct	*-3.44*	
		For >64 To 96, Deduct	*-6.03*	
		For >96 To 168, Deduct	*-8.63*	
		For >168 To 240, Deduct	*-10.35*	
		For >240, Deduct	*-12.07*	
31 05 16 00-0018	CY	Over 6" To 12" Stone Aggregate Fill, Random Size	56.47	
		For Up To 8, Add	*11.29*	
		For >8 To 16, Add	*5.65*	
		For >48 To 64, Deduct	*-3.66*	
		For >64 To 96, Deduct	*-6.49*	
		For >96 To 168, Deduct	*-9.31*	
		For >168 To 240, Deduct	*-11.14*	
		For >240, Deduct	*-12.97*	
31 05 16 00-0019	CY	Over 6" To 12" Graded Stone Aggregate Fill	56.47	
		For Up To 8, Add	*11.29*	
		For >8 To 16, Add	*5.65*	
		For >48 To 64, Deduct	*-3.66*	
		For >64 To 96, Deduct	*-6.49*	
		For >96 To 168, Deduct	*-9.31*	
		For >168 To 240, Deduct	*-11.14*	
		For >240, Deduct	*-12.97*	
31 05 16 00-0020	CY	3" To 7" Surge Stone Aggregate Fill, Random Size	60.99	
		For Up To 8, Add	*12.20*	
		For >8 To 16, Add	*6.10*	
		For >48 To 64, Deduct	*-3.89*	
		For >64 To 96, Deduct	*-6.94*	
		For >96 To 168, Deduct	*-9.99*	
		For >168 To 240, Deduct	*-11.93*	
		For >240, Deduct	*-13.87*	
31 05 16 00-0021	CY	3" To 7" Surge Stone Graded Aggregate Fill	64.21	
		For Up To 8, Add	*12.84*	
		For >8 To 16, Add	*6.42*	
		For >48 To 64, Deduct	*-4.05*	
		For >64 To 96, Deduct	*-7.26*	
		For >96 To 168, Deduct	*-10.47*	
		For >168 To 240, Deduct	*-12.49*	
		For >240, Deduct	*-14.52*	
31 05 16 00-0022	CY	Crusher Run Aggregate Fill (2-1/2" Minus)	36.22	
		For Up To 8, Add	*7.24*	
		For >8 To 16, Add	*3.62*	
		For >48 To 64, Deduct	*-2.65*	
		For >64 To 96, Deduct	*-4.46*	
		For >96 To 168, Deduct	*-6.27*	
		For >168 To 240, Deduct	*-7.60*	
		For >240, Deduct	*-8.92*	
31 05 16 00-0023	CY	Crusher Run Aggregate Fill (1-1/2" Minus)	39.76	
		For Up To 8, Add	*7.95*	
		For >8 To 16, Add	*3.98*	
		For >48 To 64, Deduct	*-2.83*	
		For >64 To 96, Deduct	*-4.81*	
		For >96 To 168, Deduct	*-6.80*	
		For >168 To 240, Deduct	*-8.22*	
		For >240, Deduct	*-9.63*	
31 05 16 00-0024	CY	Crusher Run Aggregate Fill (3/4" Minus)	37.46	
		For Up To 8, Add	*7.49*	
		For >8 To 16, Add	*3.75*	
		For >48 To 64, Deduct	*-2.71*	
		For >64 To 96, Deduct	*-4.58*	
		For >96 To 168, Deduct	*-6.46*	
		For >168 To 240, Deduct	*-7.81*	
		For >240, Deduct	*-9.17*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 05 16 00-0025	CY	Miscellaneous Crushed Base, Processed Concrete, Paving		65.98	
		For Up To 8, Add		*13.20*	
		For >8 To 16, Add		*6.60*	
		For >48 To 64, Deduct		*-4.14*	
		For >64 To 96, Deduct		*-7.44*	
		For >96 To 168, Deduct		*-10.74*	
		For >168 To 240, Deduct		*-12.80*	
		For >240, Deduct		*-14.87*	

31 05 36 Equipment Delivery, Pickup, Mobilization and Demobilization *(31 05)*

See CSI section 01 71 13 00-0001 for equipment delivery, pickup, mobilization and demobilization.

31 10 Site Clearing *(31)*

31 11 Clearing and Grubbing *(31 10)*

31 11 00 00-0001 Clear And Grub Roots And Stumps *(31 11)*

Note: Tree diameter (diameter at breast height) is the diameter of the tree trunk measured at 4.5' above ground level. Based on tree density (light, medium or heavy) to be removed. Excludes loading. See CSI section 31 13 13 00-0001 for small areas or individual trees removal.

31 11 00 00-0002	ACR	Clear And Grub Light Trees Up To 6" Diameter, Cut And Chip Note: Includes grub and removal of stump		8,274.94	
31 11 00 00-0003	ACR	Clear And Grub Light Stumps Only Up To 6" Diameter		2,246.98	
31 11 00 00-0004	ACR	Clear And Grub Medium Trees Up To 10" Diameter, Cut And Chip Note: Includes grub and removal of stump		11,033.25	
31 11 00 00-0005	ACR	Clear And Grub Medium Stumps Only Up To 10" Diameter		3,744.97	
31 11 00 00-0006	ACR	Clear And Grub Heavy Trees Up To 16" Diameter, Cut And Chip Note: Includes grub and removal of stump		15,170.71	
31 11 00 00-0007	ACR	Clear And Grub Heavy Stumps Only Up To 16" Diameter		5,617.47	
31 11 00 00-0008	ACR	Clear And Grub Heavy Trees Up To 24" Diameter, Cut And Chip Note: Includes grub and removal of stump		22,066.49	
31 11 00 00-0009	ACR	Clear And Grub Heavy Stumps Only Up To 24" Diameter		7,864.45	
31 11 00 00-0010	ACR	Clearing By Machine - Light Brush Without Grub		369.63	
31 11 00 00-0011	ACR	Clearing By Machine - Medium Brush Without Grub		756.98	
31 11 00 00-0012	ACR	Clearing By Machine - Heavy Brush Without Grub		1,072.40	
31 11 00 00-0013	ACR	Chipping - Light Brush		2,942.73	
31 11 00 00-0014	ACR	Chipping - Medium Brush		3,783.69	
31 11 00 00-0015	ACR	Chipping - Heavy Brush		5,297.65	

31 11 00 00-0016 Loading Of Cleared And Grubbed Material *(31 11)*

See CSI section 01 74 19 00-0040 for hauling.

31 11 00 00-0017	CY	Machine Loading Of Cleared And Grubbed Material		12.61	
31 11 00 00-0018	CY	Chute Loading Of Cleared And Grubbed Material		15.13	
31 11 00 00-0019	CY	Hand Loading Of Cleared And Grubbed Material		46.82	
31 11 00 00-0020	CY	Wheel And Ramp Loading Of Cleared And Grubbed Material		36.79	

31 13 Selective Tree and Shrub Removal and Trimming *(31 10)*

31 13 13 Selective Tree and Shrub Removal *(31 13)*

31 13 13 00-0001 Individual Tree Removal *(31 13 13)*

Note: Includes sawing and chipping branches. Tree diameter, D.B.H. (Diameter At Breast Height) is the diameter of the tree trunk measured at 4.5' above ground elevation. Excludes stump removal or grinding.

31 13 13 00-0002	EA	Up To 6" D.B.H. (Diameter At Breast Height) Tree Removal Note: Includes cutting up tree, chipping and loading.		689.57	
		For >25, Deduct		*-86.20*	
31 13 13 00-0003	EA	>6" To 12" D.B.H. (Diameter At Breast Height) Tree Removal Note: Includes cutting up tree, chipping and loading.		1,034.36	
		For >25, Deduct		*-129.30*	
31 13 13 00-0004	EA	>12" To 24" D.B.H. (Diameter At Breast Height) Tree Removal Note: Includes cutting up tree, chipping and loading.		1,379.16	
		For >10, Deduct		*-137.92*	
31 13 13 00-0005	EA	>24" To 36" D.B.H. (Diameter At Breast Height) Tree Removal Note: Includes cutting up tree, chipping and loading.		2,068.73	
		For >10, Deduct		*-206.87*	
31 13 13 00-0006	EA	>36" To 48" D.B.H. (Diameter At Breast Height) Tree Removal Note: Includes cutting up tree, chipping and loading.		2,758.31	
		For >10, Deduct		*-275.83*	

31 13 13 00-0007 Stump Removal *(31 13 13)*

Note: Measured by diameter of stump.

31 13 13 00-0008 Stump Removal By Machine *(31 13 13 00-0007)*

31 13 13 00-0009	EA	Up To 6" Diameter Stump Removal Note: Includes excavation necessary to remove stump and loading.		112.35	
		For >10. Deduct		*-16.85*	
31 13 13 00-0010	EA	>6" To 12" Diameter Stump Removal Note: Includes excavation necessary to remove stump and loading.		215.34	
		For >10. Deduct		*-32.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 13 13 00-0011	EA	>12" To 24" Diameter Stump Removal Note: Includes excavation necessary to remove stump and loading.	280.87	
		For >10. Deduct	*-42.13*	
31 13 13 00-0012	EA	>24" To 36" Diameter Stump Removal Note: Includes excavation necessary to remove stump and loading.	421.32	
		For >10. Deduct	*-63.20*	
31 13 13 00-0013	EA	>36" To 48" Diameter Stump Removal Note: Includes excavation necessary to remove stump and loading.	496.24	
		For >10. Deduct	*-74.44*	

31 13 13 00-0014 Stump Removal By Hand *(31 13 13 00-0007)*

31 13 13 00-0015	EA	Up To 6" Diameter Stump Removal By Hand Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	716.70	
31 13 13 00-0016	EA	>6" To 12" Diameter Stump Removal By Hand Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	895.87	
31 13 13 00-0017	EA	>12" To 24" Diameter Stump Removal By Hand Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	1,313.94	
31 13 13 00-0018	EA	>24" To 36" Diameter Stump Removal By Hand Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	1,791.74	
31 13 13 00-0019	EA	>36" To 48" Diameter Stump Removal By Hand Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	2,388.98	

31 13 13 00-0020 Stump Grinding *(31 13 13)*

Note: Measured by diameter of stump.

31 13 13 00-0021 Stump Grinding, 18" Deep Below Surface Of Soil *(31 13 13 00-0020)*

Note: Level soil to match existing surface area.

31 13 13 00-0022	EA	Stump Grinding Up To 6" Tree	139.59	
		For 24" Depth, Add	*27.92*	
		For >10, Deduct	*-17.45*	
31 13 13 00-0023	EA	Stump Grinding >6" To 12" Tree	174.49	
		For 24" Depth, Add	*34.90*	
		For >10, Deduct	*-21.81*	
31 13 13 00-0024	EA	Stump Grinding >12" To 15" Tree	209.39	
		For 24" Depth, Add	*41.88*	
		For >10, Deduct	*-26.17*	
31 13 13 00-0025	EA	Stump Grinding >15" To 18" Tree	232.65	
		For 24" Depth, Add	*46.53*	
		For >10, Deduct	*-29.08*	
31 13 13 00-0026	EA	Stump Grinding >18" To 21" Tree	250.10	
		For 24" Depth, Add	*50.02*	
		For >10, Deduct	*-31.26*	
31 13 13 00-0027	EA	Stump Grinding >21" To 24" Tree	267.55	
		For 24" Depth, Add	*53.51*	
		For >10, Deduct	*-33.44*	
31 13 13 00-0028	EA	Stump Grinding >24" To 27" Tree	290.81	
		For 24" Depth, Add	*58.16*	
		For >10, Deduct	*-36.35*	
31 13 13 00-0029	EA	Stump Grinding >27" To 30" Tree	317.01	
		For 24" Depth, Add	*63.40*	
		For >10, Deduct	*-39.63*	
31 13 13 00-0030	EA	Stump Grinding >30" To 33" Tree	352.23	
		For 24" Depth, Add	*70.45*	
		For >10, Deduct	*-44.03*	
31 13 13 00-0031	EA	Stump Grinding >33" To 36" Tree	387.45	
		For 24" Depth, Add	*77.49*	
		For >10, Deduct	*-48.43*	
31 13 13 00-0032	EA	Stump Grinding >36" To 42" Tree	422.67	
		For 24" Depth, Add	*84.53*	
		For >10, Deduct	*-52.83*	
31 13 13 00-0033	EA	Stump Grinding >42" To 48" Tree	469.64	
		For 24" Depth, Add	*93.93*	
		For >10, Deduct	*-58.71*	

31 13 13 00-0034 Shrub Removal *(31 13 13)*

31 13 13 00-0035	EA	Removal Of 18" To 24" Shrub, Broadleaf Evergreen	52.72	
31 13 13 00-0036	EA	Removal Of 2' To 3' Shrub, Broadleaf Evergreen	82.68	
31 13 13 00-0037	EA	Removal Of 3' To 4' Shrub, Broadleaf Evergreen	95.86	
31 13 13 00-0038	EA	Removal Of 4' To 5' Shrub, Broadleaf Evergreen	143.79	
31 13 13 00-0039	EA	Removal Of 12" To 15" Shrub, Deciduous	26.36	
31 13 13 00-0040	EA	Removal Of 18" To 24" Shrub, Deciduous	40.74	
31 13 13 00-0041	EA	Removal Of 2' To 3' Shrub, Deciduous	52.72	
31 13 13 00-0042	EA	Removal Of 3' To 4' Shrub, Deciduous	57.51	
31 13 13 00-0043	EA	Removal Of 18" To 24" Shrub, Evergreen	52.72	
31 13 13 00-0044	EA	Removal Of 24" To 30" Shrub, Evergreen	57.51	
31 13 13 00-0045	EA	Removal Of 30" To 36" Shrub, Evergreen	82.68	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 13 13 00-0046	EA	Removal Of 36" To 42" Shrub, Evergreen	143.79	

31 13 13 00-0047 Fallen Tree Removal *(31 13 13)*

Note: Includes sawing and chipping branches. Tree diameter, D.B.H. (Diameter At Breast Height) is the diameter of the tree trunk measured at 4.5' above ground elevation. Excludes stump removal or grinding. Excludes removing tree from ground.

31 13 13 00-0048	EA	Up To 6" D.B.H. (Diameter At Breast Height) Fallen Tree Removal Note: Includes cutting up tree, chipping and loading.	551.66	
		For >25, Deduct	*-68.96*	
		For Tree Removal Without Chipping Or Cutting Up Tree Into Smaller Pieces, Deduct	*-137.92*	
31 13 13 00-0049	EA	>6" To 12" D.B.H. (Diameter At Breast Height) Fallen Tree Removal Note: Includes cutting up tree, chipping and loading.	827.49	
		For >25, Deduct	*-103.44*	
		For Tree Removal Without Chipping Or Cutting Up Tree Into Smaller Pieces, Deduct	*-206.87*	
31 13 13 00-0050	EA	>12" To 24" D.B.H. (Diameter At Breast Height) Fallen Tree Removal Note: Includes cutting up tree, chipping and loading.	1,103.32	
		For >10, Deduct	*-110.33*	
		For Tree Removal Without Chipping Or Cutting Up Tree Into Smaller Pieces, Deduct	*-275.83*	
31 13 13 00-0051	EA	>24" To 36" D.B.H. (Diameter At Breast Height) Fallen Tree Removal Note: Includes cutting up tree, chipping and loading.	1,654.99	
		For >10, Deduct	*-165.50*	
		For Tree Removal Without Chipping Or Cutting Up Tree Into Smaller Pieces, Deduct	*-413.75*	
31 13 13 00-0052	EA	>36" To 48" D.B.H. (Diameter At Breast Height) Fallen Tree Removal Note: Includes cutting up tree, chipping and loading.	2,206.65	
		For >10, Deduct	*-220.67*	
		For Tree Removal Without Chipping Or Cutting Up Tree Into Smaller Pieces, Deduct	*-551.66*	
31 13 13 00-0053	EA	>48" To 60" D.B.H. (Diameter At Breast Height) Fallen Tree Removal Note: Includes cutting up tree, chipping and loading.	2,758.31	
		For >10, Deduct	*-275.83*	
		For Tree Removal Without Chipping Or Cutting Up Tree Into Smaller Pieces, Deduct	*-689.58*	

31 13 16 Selective Tree and Shrub Trimming *(31 13)*

See CSI section 32 01 90 23-0000 for tree pruning.

31 13 16 00-0001 Tree Trimming For Pole Line Construction And Maintenance *(31 13 16)*

Note: Area to be vertical cleared (including overhanging limbs) is minimum 20' wide (10' each side of structure) and 16' above ground. All materials to 6" D.B.H. (Diameter At Breast Height) to be chipped in place. Larger material may be chipped or disposed. Trees greater than 18" diameter use individual tree removal tasks. Quantity based on running foot of power line to be cleared.

31 13 16 00-0002	LF	Tree Trimming, Light Cutting To 6" Diameter For Pole Line Construction	2.30	
31 13 16 00-0003	LF	Tree Trimming, Medium Cutting >6" To 12" Diameter For Pole Line Construction	3.45	
31 13 16 00-0004	LF	Tree Trimming, Heavy Cutting >12" To 18" Diameter For Pole Line Construction	4.06	

31 13 16 00-0005 Tree Branch Trimming And Removal For Maintenance Along Building Or Structure *(31 13 16)*

Note: Includes pick-up and placement of cut branches into chipper for removal. Excludes transportation from site or disposal fee. See CSI section 01 22 23 00-0105 for bucket truck where required for additional height.

31 13 16 00-0006	EA	Trim Tree Branch Minimum Charge	850.84	
31 13 16 00-0007	EA	Up To 1" Diameter Branch, Up To 5' Length And Up To 10' From Ground, Trim Tree Branch From Building Or Structure	21.27	
31 13 16 00-0008	EA	>1" To 2" Diameter Branch, Up To 5' Length And Up To 10' From Ground, Trim Tree Branch From Building Or Structure	23.93	
31 13 16 00-0009	EA	>2" To 3" Diameter Branch, Up To 5' Length And Up To 10' From Ground, Trim Tree Branch From Building Or Structure	29.25	
31 13 16 00-0010	EA	Up To 1" Diameter Branch, >5' To 10' Length And Up To 10' From Ground, Trim Tree Branch From Building Or Structure	26.59	
31 13 16 00-0011	EA	>1" To 2" Diameter Branch, >5' To 10' Length And Up To 10' From Ground, Trim Tree Branch From Building Or Structure	29.91	
31 13 16 00-0012	EA	>2" To 3" Diameter Branch, >5' To 10' Length And Up To 10' From Ground, Trim Tree Branch From Building Or Structure	36.56	

31 20 Earth Moving *(31)*

Note: Per OSHA -Soil Classification - 1926 Subpart P App A. Light material: Class A site material, normally referred to as "easy digging". Consisting of loose, soft, free running materials. Close lying, which will fill blade, digger or bucket to capacity, and frequently provide a heaped load. Materials such as dry sand, small gravel, unpacked earth, loam, etc., would fall into this category. Medium material: Class B site material, normally referred to as "medium and tough, wet and sticky clay would be examples of this medium digging", consisting of harder materials that are not difficult to dig without assistance such as ripping, blasting, etc. Material break up with some bulkiness causing voids in digger or bucket. Materials such as packed earth, common earth with some clay, soil with less that 25% rock content would be examples of this category. Heavy/wet material: Class C site material, normally referred to as "hard digging", consisting of materials which may require some assistance in breaking up. Bulky and somewhat hard to penetrate materials would be found in this category and voids in dipper or bucket would be common. Materials such as very hard packed soil, with up to 50% to 70% rock content and hard category. Soil conditions will be determined by soil analysis to provide appropriate percentage (%) for the various types of soil conditions. Apply the percentages to the various soil types to generate an appropriate representation of the soil condition.

31 22 Grading *(31 20)*

31 22 13 Rough Grading *(31 22)*

See CSI section 31 23 16 00-0000 for rough grading.

31 22 16 Fine Grading *(31 22)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

31 22 16 13 Roadway Subgrade Reshaping *(31 22 16)*
See CSI section 31 23 16 00-0000 for bulk shaping and grading, 31 24 13 00-0000 for roadway shaping and grading.

31 22 19 Finish Grading *(31 22)*

31 22 19 13 Spreading and Grading Topsoil *(31 22 19)*

31 22 19 13-0001 Site Grading For Areas Outside Of Structures And Slabs *(31 22 19 13)*
Note: Use of bobcat type equipment or hand for finish grading for positive drainage.

31 22 19 13-0002 Hand Digging And Grading *(31 22 19 13-0001)*

31 22 19 13-0003	SF	Trim And Shape Machine Excavated Area By Hand Finish Grade	1.28
31 22 19 13-0004	SF	Trim And Shape Area On Grade By Hand, Finish Grade	1.17
31 22 19 13-0005	SF	Fine Grade Gravel Bedding By Hand Finish Grade	1.22
31 22 19 13-0006	SF	Fine Grade Gravel By Hand Finish Grade	1.02

31 22 19 13-0007 Machine Operations *(31 22 19 13-0001)*

31 22 19 13-0008 Machine Operations With Grader *(31 22 19 13-0007)*

31 22 19 13-0009	CSY	Semi-Grade, 2 Passes With Grader	460.75
31 22 19 13-0010	CSY	Fine Grade, 3 Passes With Grader	639.92

31 23 Excavation and Fill *(31 20)*

31 23 16 Excavation *(31 23)*

31 23 16 13 Trenching *(31 23 16)*
Note: Use this section for trenching operations even if the total project volume exceeds 500 CY. Use tasks for work by hand only for areas not accessible by machine.

31 23 16 13-0001 Excavation For Trenching By Machine *(31 23 16 13)*
Note: Includes stockpiling excess materials and trimming sides and bottom of trench.

31 23 16 13-0002	CY	12" Wide or Less, Excavation for Trenching by Machine in Soil	12.25
		For Up To 20, Add	*12.25*
		For >20 To 50, Add	*9.19*
		For >50 To 250, Add	*4.90*
		For Excavation In Light Material (Class A), Deduct	*-1.53*
		For Excavation In Heavy/Wet Material (Class C), Add	*4.90*
		For >250 To 500, Add	*1.84*
		For >1,000, Deduct	*-1.84*
31 23 16 13-0003	CY	Over 12" Wide, Excavation for Trenching by Machine in Soil	7.86
		For Up To 20, Add	*7.86*
		For >20 To 50, Add	*5.90*
		For >50 To 250, Add	*3.14*
		For Excavation In Light Material (Class A), Deduct	*-0.98*
		For Excavation In Heavy/Wet Material (Class C), Add	*3.14*
		For >250 To 500, Add	*1.18*
		For >1,000, Deduct	*-1.18*
31 23 16 13-0004	CY	12" Wide or Less, Excavation for Trenching by Machine in Loose Rock Note: Includes compacted aggregate	20.27
		For Up To 20, Add	*20.27*
		For >20 To 50, Add	*15.20*
		For >50 To 250, Add	*8.11*
		For >250 To 500, Add	*3.04*
		For >1,000, Deduct	*-3.04*
31 23 16 13-0005	CY	Over 12" Wide, Excavation for Trenching by Machine in Loose Rock Note: Includes compacted aggregate	13.96
		For Up To 20, Add	*13.96*
		For >20 To 50, Add	*10.47*
		For >50 To 250, Add	*5.58*
		For >250 To 500, Add	*2.09*
		For >1,000, Deduct	*-2.09*

31 23 16 13-0006 Excavation For Trenching By Hand *(31 23 16 13)*

31 23 16 13-0007	CY	Excavation For Trenching By Hand In Soil Note: Includes stockpiling excess materials and trimming sides and bottom of trench.	154.49
31 23 16 13-0008	CY	Excavation For Trenching By Hand In Loose Rock Or Compacted Aggregate Note: Includes stockpiling excess materials and trimming sides and bottom of trench.	265.01
31 23 16 13-0009	SF	Trim Bottom Of Excavation Hand Labor Note: For use with machine excavation.	1.20
31 23 16 13-0010	SF	Trim Slopes/Sides Of Excavation Hand Labor Note: For use with machine excavation.	1.38

31 23 16 13-0011 Backfilling Or Placing Subbase For Trenches *(31 23 16 13)*
Note: With imported or stockpiled materials.

31 23 16 13-0012	CY	Backfilling or Placing Subbase for Trenches with Imported or Stockpiled Materials by Machine	4.40
		For Up To 20, Add	*4.40*
		For >20 To 50, Add	*3.30*
		For >50 To 250, Add	*1.76*
		For >250 To 500, Add	*0.66*
		For >1,000, Deduct	*-0.66*
31 23 16 13-0013	CY	Backfilling or Placing Subbase for Trenches with Imported or Stockpiled Materials by Hand	42.92

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 23 16 13-0014		**Compaction Of Fill Or Subbase For Trenches** *(31 23 16 13)* Note: Includes restoration of final grade.		
31 23 16 13-0015	CY	Compaction of Fill or Subbase for Trenches by Vibratory Plate, Air Tamper, Etcetera	8.94	
		For Up To 20, Add	*8.94*	
		For >20 To 50, Add	*6.71*	
		For >50 To 250, Add	*3.58*	
		For >250 To 500, Add	*1.34*	
		For >1,000, Deduct	*-1.34*	
31 23 16 13-0016	CY	Compaction of Fill or Subbase for Trenches by Hand	48.41	
31 23 16 13-0017		**Loading Excess Material For Removal From Excavation For Trenches** *(31 23 16 13)* Note: Includes handwork by laborer for clean-up. Not to be used when excavated material can be loaded directly into truck instead of stockpiling. See CSI section 01 74 19 00-0040 for hauling.		
31 23 16 13-0018	CY	Load Excess Material by Machine for Removal from Excavation for Trenching	7.66	
		For Up To 20, Add	*7.66*	
		For >20 To 50, Add	*5.75*	
		For >50 To 250, Add	*3.06*	
		For >250 To 500, Add	*1.15*	
		For >1,000, Deduct	*-1.15*	
31 23 16 13-0019	CY	Load Excess Material by Hand for Removal from Excavation for Trenching	113.29	
31 23 16 13-0020		**Spread Excess Or Imported Material For Trenches** *(31 23 16 13)* Note: Includes hand work by laborer for clean-up.		
31 23 16 13-0021	CY	Spread Excess Or Imported Material On Site With Machine	3.55	
		For Up To 20, Add	*3.55*	
		For >20 To 50, Add	*2.66*	
		For >50 To 250, Add	*1.42*	
		For >250 To 500, Add	*0.53*	
		For >1,000, Deduct	*-0.53*	
31 23 16 13-0022		**Direct Burial (Plowed-in) Cable Or Piping By Machine** *(31 23 16 13)* Note: Includes trench, backfill, compaction and restoration of final grade.		
31 23 16 13-0023	LF	Direct Burial of Cable or Piping up to 12" Deep	2.59	
31 23 16 13-0024	LF	Direct Burial of Cable or Piping >12" to 24" Deep	2.86	
31 23 16 13-0025	LF	Direct Burial of Cable or Piping >24" to 36" Deep	4.06	
31 23 16 13-0026	LF	Direct Burial of Cable or Piping >36" to 48" Deep	4.58	
31 23 16 13-0027		**Utility Chain Trencher** *(31 23 16 13)*		
31 23 16 13-0028		**Utility Trench, Chain Trencher** *(31 23 16 13-0027)* Note: Earth left adjacent to trench.		
31 23 16 13-0029	LF	4" Wide, 12" Deep Trench, Medium Soil, Chain Trencher	1.48	
		For >100 To 250, Deduct	*-0.10*	
		For >250 To 500, Deduct	*-0.22*	
		For >500, Deduct	*-0.44*	
31 23 16 13-0030	LF	4" Wide, 18" Deep Trench, Medium Soil, Chain Trencher	1.61	
		For >100 To 250, Deduct	*-0.11*	
		For >250 To 500, Deduct	*-0.24*	
		For >500, Deduct	*-0.48*	
31 23 16 13-0031	LF	4" Wide, 24" Deep Trench, Medium Soil, Chain Trencher	1.67	
		For >100 To 250, Deduct	*-0.12*	
		For >250 To 500, Deduct	*-0.25*	
		For >500, Deduct	*-0.50*	
31 23 16 13-0032	LF	6" Wide, 12" Deep Trench, Medium Soil, Chain Trencher	1.77	
		For >100 To 250, Deduct	*-0.12*	
		For >250 To 500, Deduct	*-0.27*	
		For >500, Deduct	*-0.53*	
31 23 16 13-0033	LF	6" Wide, 18" Deep Trench, Medium Soil, Chain Trencher	1.94	
		For >100 To 250, Deduct	*-0.14*	
		For >250 To 500, Deduct	*-0.29*	
		For >500, Deduct	*-0.58*	
31 23 16 13-0034	LF	6" Wide, 24" Deep Trench, Medium Soil, Chain Trencher	2.21	
		For >100 To 250, Deduct	*-0.15*	
		For >250 To 500, Deduct	*-0.33*	
		For >500, Deduct	*-0.66*	
31 23 16 13-0035	LF	6" Wide, 36" Deep Trench, Medium Soil, Chain Trencher	2.65	
		For >100 To 250, Deduct	*-0.19*	
		For >250 To 500, Deduct	*-0.40*	
		For >500, Deduct	*-0.80*	
31 23 16 13-0036	LF	8" Wide, 12" Deep Trench, Medium Soil, Chain Trencher	2.51	
		For >100 To 250, Deduct	*-0.18*	
		For >250 To 500, Deduct	*-0.38*	
		For >500, Deduct	*-0.75*	
31 23 16 13-0037	LF	8" Wide, 18" Deep Trench, Medium Soil, Chain Trencher	2.95	
		For >100 To 250, Deduct	*-0.21*	
		For >250 To 500, Deduct	*-0.44*	
		For >500, Deduct	*-0.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 23 16 13-0038	LF	8" Wide, 24" Deep Trench, Medium Soil, Chain Trencher	3.35	
		For >100 To 250, Deduct	*-0.23*	
		For >250 To 500, Deduct	*-0.50*	
		For >500, Deduct	*-1.01*	
31 23 16 13-0039	LF	8" Wide, 36" Deep Trench, Medium Soil, Chain Trencher	3.98	
		For >100 To 250, Deduct	*-0.28*	
		For >250 To 500, Deduct	*-0.60*	
		For >500, Deduct	*-1.19*	

31 23 16 13-0040 Backfill Trenches With Compaction *(31 23 16 13-0027)*

31 23 16 13-0041	LF	Backfill 4" Wide, 12" Deep Trench, With Compaction	0.23	
		For >100 To 250, Deduct	*-0.02*	
		For >250 To 500, Deduct	*-0.03*	
		For >500, Deduct	*-0.07*	
31 23 16 13-0042	LF	Backfill 4" Wide, 18" Deep Trench, With Compaction	0.36	
		For >100 To 250, Deduct	*-0.03*	
		For >250 To 500, Deduct	*-0.05*	
		For >500, Deduct	*-0.11*	
31 23 16 13-0043	LF	Backfill 4" Wide, 24" Deep Trench, With Compaction	0.48	
		For >100 To 250, Deduct	*-0.03*	
		For >250 To 500, Deduct	*-0.07*	
		For >500, Deduct	*-0.14*	
31 23 16 13-0044	LF	Backfill 6" Wide, 12" Deep Trench, With Compaction	0.36	
		For >100 To 250, Deduct	*-0.03*	
		For >250 To 500, Deduct	*-0.05*	
		For >500, Deduct	*-0.11*	
31 23 16 13-0045	LF	Backfill 6" Wide, 18" Deep Trench, With Compaction	0.48	
		For >100 To 250, Deduct	*-0.03*	
		For >250 To 500, Deduct	*-0.07*	
		For >500, Deduct	*-0.14*	
31 23 16 13-0046	LF	Backfill 6" Wide, 24" Deep Trench, With Compaction	0.72	
		For >100 To 250, Deduct	*-0.05*	
		For >250 To 500, Deduct	*-0.11*	
		For >500, Deduct	*-0.22*	
31 23 16 13-0047	LF	Backfill 6" Wide, 36" Deep Trench, With Compaction	1.03	
		For >100 To 250, Deduct	*-0.07*	
		For >250 To 500, Deduct	*-0.15*	
		For >500, Deduct	*-0.31*	
31 23 16 13-0048	LF	Backfill 8" Wide, 12" Deep Trench, With Compaction	0.48	
		For >100 To 250, Deduct	*-0.03*	
		For >250 To 500, Deduct	*-0.07*	
		For >500, Deduct	*-0.14*	
31 23 16 13-0049	LF	Backfill 8" Wide, 18" Deep Trench, With Compaction	0.72	
		For >100 To 250, Deduct	*-0.05*	
		For >250 To 500, Deduct	*-0.11*	
		For >500, Deduct	*-0.22*	
31 23 16 13-0050	LF	Backfill 8" Wide, 24" Deep Trench, With Compaction	0.96	
		For >100 To 250, Deduct	*-0.07*	
		For >250 To 500, Deduct	*-0.14*	
		For >500, Deduct	*-0.29*	
31 23 16 13-0051	LF	Backfill 8" Wide, 36" Deep Trench, With Compaction	1.44	
		For >100 To 250, Deduct	*-0.10*	
		For >250 To 500, Deduct	*-0.22*	
		For >500, Deduct	*-0.43*	

31 23 16 16 Structural Excavation for Minor Structures *(31 23 16)*

31 23 16 16-0001 Post Holes *(31 23 16 16)*

Note: Excludes spreading of excess material on site or loading and removal of excavated material from site.

31 23 16 16-0002 Drilling Post Hole In Soil *(31 23 16 16-0001)*

Note: Auger by machine unless otherwise notified by owner.

31 23 16 16-0003	VLF	Up To 2-1/2" Diameter Hole, Auger By Machine Post Hole In Soil	10.96
31 23 16 16-0004	VLF	2-1/2" Diameter Hole, Auger By Machine Post Hole In Soil	12.33
31 23 16 16-0005	VLF	3" Diameter Hole, Auger By Machine Post Hole In Soil	14.61
31 23 16 16-0006	VLF	4" Diameter Hole, Auger By Machine Post Hole In Soil	16.44
31 23 16 16-0007	VLF	6" Diameter Hole, Auger By Machine Post Hole In Soil	17.93
31 23 16 16-0008	VLF	8" Diameter Hole, Auger By Machine Post Hole In Soil	19.72
31 23 16 16-0009	VLF	10" Diameter Hole, Auger By Machine Post Hole In Soil	21.92
31 23 16 16-0010	VLF	12" Diameter Hole, Auger By Machine Post Hole In Soil	24.66
31 23 16 16-0011	VLF	18" Diameter Hole, Auger By Machine Post Hole In Soil	28.18
31 23 16 16-0012	VLF	24" Diameter Hole, Auger By Machine Post Hole In Soil	32.88
31 23 16 16-0013	VLF	30" Diameter Hole, Auger By Machine Post Hole In Soil	39.46
31 23 16 16-0014	VLF	36" Diameter Hole, Auger By Machine Post Hole In Soil	49.31

31 23 16 16-0015 Drilling Post Hole In Rock *(31 23 16 16-0001)*

31 23 16 16-0016	CF	Jackhammer Post Hole, Rock	84.05
31 23 16 16-0017	CF	Rock Drill Post Hole, Rock	22.34

31 23 16 16-0018 Post Hole Fill *(31 23 16 16-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 23 16 16-0019		**Concrete Fill** *(31 23 16 16-0018)*		
31 23 16 16-0020	VLF	Concrete Fill, Up To 2-1/2" Diameter Hole	6.76	
31 23 16 16-0021	VLF	Concrete Fill, 2-1/2" Diameter Hole	8.69	
31 23 16 16-0022	VLF	Concrete Fill, 3" Diameter Hole	9.55	
31 23 16 16-0023	VLF	Concrete Fill, 4" Diameter Hole	10.97	
31 23 16 16-0024	VLF	Concrete Fill, 6" Diameter Hole	15.45	
31 23 16 16-0025	VLF	Concrete Fill, 8" Diameter Hole	20.63	
31 23 16 16-0026	VLF	Concrete Fill, 10" Diameter Hole	25.23	
31 23 16 16-0027	VLF	Concrete Fill, 12" Diameter Hole	29.41	
31 23 16 16-0028	VLF	Concrete Fill, 18" Diameter Hole	40.00	
31 23 16 16-0029	VLF	Concrete Fill, 24" Diameter Hole	49.59	
31 23 16 16-0030	VLF	Concrete Fill, 30" Diameter Hole	58.92	
31 23 16 16-0031	VLF	Concrete Fill, 36" Diameter Hole	68.61	
31 23 16 16-0032		**Grout Fill** *(31 23 16 16-0018)*		
31 23 16 16-0033	VLF	Grout Fill, Up To 2-1/2" Diameter Hole	8.03	
31 23 16 16-0034	VLF	Grout Fill, 2-1/2" Diameter Hole	10.34	
31 23 16 16-0035	VLF	Grout Fill, 3" Diameter Hole	11.25	
31 23 16 16-0036	VLF	Grout Fill, 4" Diameter Hole	12.63	
31 23 16 16-0037	VLF	Grout Fill, 6" Diameter Hole	17.63	
31 23 16 16-0038	VLF	Grout Fill, 8" Diameter Hole	23.53	
31 23 16 16-0039	VLF	Grout Fill, 10" Diameter Hole	28.68	
31 23 16 16-0040	VLF	Grout Fill, 12" Diameter Hole	33.27	
31 23 16 16-0041	VLF	Grout Fill, 18" Diameter Hole	44.43	
31 23 16 16-0042	VLF	Grout Fill, 24" Diameter Hole	54.23	
31 23 16 16-0043	VLF	Grout Fill, 30" Diameter Hole	63.71	
31 23 16 16-0044	VLF	Grout Fill, 36" Diameter Hole	73.42	
31 23 16 16-0045		**Earth Fill, Compacted** *(31 23 16 16-0018)*		
31 23 16 16-0046	VLF	Earth Fill, Up To 2-1/2" Diameter Hole	5.73	
31 23 16 16-0047	VLF	Earth Fill, 2-1/2" Diameter Hole	7.46	
31 23 16 16-0048	VLF	Earth Fill, 3" Diameter Hole	7.80	
31 23 16 16-0049	VLF	Earth Fill, 4" Diameter Hole	8.03	
31 23 16 16-0050	VLF	Earth Fill, 6" Diameter Hole	10.73	
31 23 16 16-0051	VLF	Earth Fill, 8" Diameter Hole	14.30	
31 23 16 16-0052	VLF	Earth Fill, 10" Diameter Hole	17.17	
31 23 16 16-0053	VLF	Earth Fill, 12" Diameter Hole	19.46	
31 23 16 16-0054	VLF	Earth Fill, 18" Diameter Hole	23.71	
31 23 16 16-0055	VLF	Earth Fill, 24" Diameter Hole	26.61	
31 23 16 16-0056	VLF	Earth Fill, 30" Diameter Hole	29.18	
31 23 16 16-0057	VLF	Earth Fill, 36" Diameter Hole	31.48	

31 23 16 33 Bulk Excavation *(31 23 16)*

Note: For excavations where the total quantity for a project is greater than 500 cubic yards. See CSI section 31 05 16 00-0000 for imported material, 31 23 16 36-0000 for less than 500 CY excavation.

31 23 16 33-0001		**Excavation** *(31 23 16 33)* Note: For bulk excavation. Includes stockpiling excavated materials within 100' of point of excavation.		
31 23 16 33-0002	CY	Bulk Excavation by Dozer in Soil	11.10	
		For Excavation In Light Material (Class A), Deduct	*-1.39*	
		For Excavation In Heavy/Wet Material (Class C), Add	*4.44*	
		For >1,000, Deduct	*-1.67*	
31 23 16 33-0003	CY	Bulk Excavation by Hydraulic Excavator, Front End Loader, Backhoe in Soil	6.33	
		For Excavation In Light Material (Class A), Deduct	*-0.79*	
		For Excavation In Heavy/Wet Material (Class C), Add	*2.53*	
		For >1,000, Deduct	*-0.95*	
31 23 16 33-0004	CY	Bulk Excavation by Dozer in Loose Rock Note: Includes compacted aggregate	13.67	
		For >1,000, Deduct	*-2.05*	
31 23 16 33-0005	CY	Bulk Excavation by Hydraulic Excavator, Front End Loader, Backhoe in Loose Rock Note: Includes compacted aggregate	7.81	
		For >1,000, Deduct	*-1.17*	
31 23 16 33-0006		**Spreading, Shaping And Rough Grading** *(31 23 16 33)* Note: Imported or stockpiled material for bulk excavation.		
31 23 16 33-0007	CY	Spreading, Shaping, and Rough Grading Imported or Stockpiled Material for Bulk Excavation by Machine	6.85	
		For >1,000, Deduct	*-1.03*	
31 23 16 33-0008		**Cutting, Shaping and Rough Grading Of Existing Elevations** *(31 23 16 33)*		
31 23 16 33-0009	CY	Cutting, Shaping and Rough Grading Existing Elevations For Bulk Excavation by Machine	7.62	
		For >1,000, Deduct	*-1.14*	
31 23 16 33-0010		**Relocating On Site Excavated Material From Excavation** *(31 23 16 33)* Note: For bulk excavation.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 23 16 33-0011	CY	Relocating On Site Excavated Material From Bulk Excavation >100' to 300'	6.09	
		For >1,000, Deduct	*-0.91*	
31 23 16 33-0012	CY	Relocating On Site Excavated Material From Bulk Excavation >300' to 500'	9.14	
		For >1,000, Deduct	*-1.37*	
31 23 16 33-0013	CY	Relocating On Site Excavated Material From Bulk Excavation >500' To 1,000'	13.71	
		For >1,000, Deduct	*-2.06*	
31 23 16 33-0014	CY	Relocating On Site Excavated Material From Bulk Excavation >1,000'	18.29	
		For >1,000, Deduct	*-2.74*	

31 23 16 33-0015 Finish Grading For Bulk Excavation *(31 23 16 33)*

31 23 16 33-0016	SY	Finish Grading for Bulk Excavation by Machine	0.76	

31 23 16 33-0017 Compaction Of Fill Or Subbase, Per Lift *(31 23 16 33)*

Note: For bulk excavation.

31 23 16 33-0018	SY	Compaction of Fill or Subbase for Bulk Excavation by Machine Note: Per Lift	0.78	

31 23 16 33-0019 Loading Excess Material For Removal From Excavation *(31 23 16 33)*

Note: For bulk excavation. Includes handwork by laborer for clean-up. Not to be used when excavated material can be loaded directly into truck instead of stockpiling. See CSI section 01 74 19 00-0040 for hauling.

31 23 16 33-0020	CY	Loading Excess Material For Removal From Bulk Excavation	6.27	
		For >1,000, Deduct	*-0.94*	

31 23 16 36 Excavation for Building Foundations and Other Structures *(31 23 16)*

Note: Use of a Bobcat is limited to access restricted areas and by owner's approval. See CSI section 31 05 16 00-0000 for imported material, 31 23 16 33-0000 for bulk excavation operations over 500 CY.

31 23 16 36-0001 Excavation *(31 23 16 36)*

Note: For building foundations and other structures by machine. Includes stockpiling of excess materials on ground in reach of excavated area.

31 23 16 36-0002 Excavation For Building Foundations And Other Structures By Skid-Steer Loader *(31 23 16 36-0001)*

31 23 16 36-0003	CY	Excavation For Building Foundations And Other Structures By Skid-Steer Loader In Soil	10.27	
		For Excavation In Light Material (Class A), Deduct	*-1.28*	
		For Excavation In Heavy/Wet Material (Class C), Add	*4.11*	
		For Up To 20, Add	*10.27*	
		For >20 To 50, Add	*7.70*	
		For >50 To 250, Add	*4.11*	
		For >250 To 500, Add	*1.54*	
31 23 16 36-0004	CY	Excavation For Building Foundations And Other Structures By Skid-Steer Loader In Loose Rock Note: Includes compacted aggregate	12.75	
		For Up To 20, Add	*12.75*	
		For >20 To 50, Add	*9.56*	
		For >50 To 250, Add	*5.10*	
		For >250 To 500, Add	*1.91*	

31 23 16 36-0005 Excavation For Building Foundations And Other Structures By Hydraulic Excavator, Backhoe, Loader *(31 23 16 36-0001)*

31 23 16 36-0006	CY	Excavation For Building Foundations And Other Structures By Hydraulic Excavator, Backhoe, Loader in Soil	7.61	
		For Excavation In Light Material (Class A), Deduct	*-0.95*	
		For Excavation In Heavy/Wet Material (Class C), Add	*3.04*	
		For Up To 20, Add	*7.61*	
		For >20 To 50, Add	*5.71*	
		For >50 To 250, Add	*3.04*	
		For >250 To 500, Add	*1.14*	
31 23 16 36-0007	CY	Excavation For Building Foundations And Other Structures By Hydraulic Excavator, Backhoe, Loader in Loose Rock Note: Includes compacted aggregate	9.06	
		For Up To 20, Add	*9.06*	
		For >20 To 50, Add	*6.80*	
		For >50 To 250, Add	*3.62*	
		For >250 To 500, Add	*1.36*	

31 23 16 36-0008 Excavation For Building Foundations And Other Structures By Hand *(31 23 16 36-0001)*

Note: For areas not accessible by machine and only with owner's approval.

31 23 16 36-0009	CY	Excavation For Building Foundations And Other Structures By Hand in Soil	154.49	
		For Excavation In Light Material (Class A), Deduct	*-19.31*	
		For Excavation In Heavy/Wet Material (Class C), Add	*61.80*	
31 23 16 36-0010	CY	Excavation For Building Foundations And Other Structures By Hand in Loose Rock Note: Includes compacted aggregate	265.01	

31 23 16 36-0011 Relocating On Site Excavated Stockpiled Material From Excavation *(31 23 16 36)*

Note: For building foundations and other structures.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 23 16 36-0012	CY	Relocating On Site Excavated Stockpiled Material With Dozer From Excavation For Building Foundations and Other Structures >100' to 300'	6.09	
		For Up To 20, Add	*6.09*	
		For >20 To 50, Add	*4.57*	
		For >50 To 250, Add	*2.44*	
		For >250 To 500, Add	*0.91*	
31 23 16 36-0013	CY	Relocating On Site Excavated Stockpiled Material With Dozer From Excavation For Building Foundations and Other Structures >300' to 500'	9.14	
		For Up To 20, Add	*9.14*	
		For >20 To 50, Add	*6.86*	
		For >50 To 250, Add	*3.66*	
		For >250 To 500, Add	*1.37*	
31 23 16 36-0014	CY	Relocating On Site Excavated Stockpiled Material With Dozer From Excavation For Building Foundations and Other Structures >500' to 1,000'	13.71	
		For Up To 20, Add	*13.71*	
		For >20 To 50, Add	*10.28*	
		For >50 To 250, Add	*5.48*	
		For >250 To 500, Add	*2.06*	
31 23 16 36-0015	CY	Relocating On Site Excavated Stockpiled Material With Dozer From Excavation For Building Foundations and Other Structures >1,000'	18.29	
		For Up To 20, Add	*18.29*	
		For >20 To 50, Add	*13.72*	
		For >50 To 250, Add	*7.32*	
		For >250 To 500, Add	*2.74*	

31 23 16 36-0016 Backfilling *(31 23 16 36)*

Note: For building foundations and other structures with imported or stockpiled materials. Includes rough grading each backfill lift.

31 23 16 36-0017	CY	Backfilling Around Building Foundations And Other Structures By Skid-Steer Loader	5.06	
		For Up To 20, Add	*5.06*	
		For >20 To 50, Add	*3.80*	
		For >50 To 250, Add	*2.02*	
		For >250 To 500, Add	*0.76*	
31 23 16 36-0018	CY	Backfilling Around Building Foundations And Other Structures By Hydraulic Excavator, Backhoe, Loader	5.89	
		For Up To 20, Add	*5.89*	
		For >20 To 50, Add	*4.42*	
		For >50 To 250, Add	*2.36*	
		For >250 To 500, Add	*0.88*	
31 23 16 36-0019	CY	Backfilling Around Building Foundations And Other Structures By Hand	73.57	

31 23 16 36-0020 Compaction Of Fill Or Subbase *(31 23 16 36)*

Note: For building foundations and other structures.

31 23 16 36-0021	CY	Compaction Of Fill Or Subbase For Building Foundations and Other Structures by Vibratory Plate, Air Tamper, Etcetera	14.17	
		For Up To 20, Add	*14.17*	
		For >20 To 50, Add	*10.63*	
		For >50 To 250, Add	*5.67*	
		For >250 To 500, Add	*2.13*	
31 23 16 36-0022	CY	Compaction Of Fill Or Subbase For Building Foundations and Other Structures by Hand	48.40	

31 23 16 36-0023 Grading For Building Foundations And Other Structures *(31 23 16 36)*

31 23 16 36-0024	SY	Rough Grading For Building Foundations And Other Structures by Machine	1.31	
31 23 16 36-0025	SY	Finish Grading For Building Foundations And Other Structures by Machine	2.12	
31 23 16 36-0026	SY	Finish Grading For Building Foundations And Other Structures by Hand	14.30	

31 23 16 36-0027 Loading Excess Material For Removal From Excavation *(31 23 16 36)*

Note: For building foundations and other structures. Includes hand work by laborer for clean-up. Not to be used when excavated material can be loaded directly into truck instead of stockpiling. See CSI section 01 74 19 00-0040 for hauling.

31 23 16 36-0028	CY	Load Excess Material For Removal From Excavation For Building Foundations and Other Structures by Machine	6.53	
		For Up To 20, Add	*6.53*	
		For >20 To 50, Add	*4.90*	
		For >50 To 250, Add	*2.61*	
		For >250 To 500, Add	*0.98*	
31 23 16 36-0029	CY	Load Excess Material For Removal From Excavation For Building Foundations and Other Structures by Hand	113.29	

31 23 16 36-0030 Spread Excess Or Imported Material And Grade On Site *(31 23 16 36)*

Note: For building foundations and other structures.

31 23 16 36-0031	CY	Spread Excess Or Imported Material And Rough Grade On Site By Machine	3.55	
		For Up To 20, Add	*3.55*	
		For >20 To 50, Add	*2.66*	
		For >50 To 250, Add	*1.42*	
		For >250 To 500, Add	*0.53*	
31 23 16 36-0032	CY	Spread Excess Or Imported Material And Rough Grade On Site By Hand	62.51	

31 23 16 46 Excavation Operations to Expose Underground Pipes and Structures *(31 23 16)*

Note: Includes work above, beside and under pipe. Pipes up to 82" in diameter. Use this section for trenching operations even if the total project volume exceeds 500 CY. Use tasks for work by hand only for areas not accessible by machine. See CSI section 31 23 16 13-0017 for loading excess material, 31 23 16 13-0020 for spreading excess material.

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

31 23 16 46-0001 Excavation To Expose Underground Pipe Or Structures *(31 23 16 46)*
Note: Includes stockpiling excess materials and trimming sides and bottom of trench. Excludes rock breaking.

31 23 16 46-0002 Excavation By Machine To Expose Underground Pipe Or Structure *(31 23 16 46-0001)*

31 23 16 46-0003	CY	Excavation By Hydraulic Excavator, Backhoe, Loader in Soil/Common Excavation To Expose Underground Pipes And Structures		15.22	
		For Excavation In Light Material (Class A), Deduct		*-1.90*	
		For Excavation In Heavy/Wet Material (Class C), Add		*6.09*	
		For Up To 20, Add		*15.22*	
		For >20 To 50, Add		*11.42*	
		For >50 To 250, Add		*6.09*	
		For >250 To 500, Add		*2.28*	
31 23 16 46-0004	CY	Excavation By Hydraulic Excavator, Backhoe, Loader in Loose Rock To Expose Underground Pipes And Structures		18.08	
		For Up To 20, Add		*18.08*	
		For >20 To 50, Add		*13.56*	
		For >50 To 250, Add		*7.23*	
		For >250 To 500, Add		*2.71*	

31 23 16 46-0005 Excavation By Hand To Expose Underground Pipe Or Structure *(31 23 16 46-0001)*

31 23 16 46-0006	CY	Excavation By Hand In Soil To Expose Underground Pipes And Structures Note: Includes stockpiling excess materials and trimming sides and bottom of trench.		193.12	
31 23 16 46-0007	CY	Excavation By Hand In Loose Rock To Expose Underground Pipes And Structures Note: Includes stockpiling excess materials and trimming sides and bottom of trench.		288.39	

31 23 16 46-0008 Backfilling Or Placing Subbase At Exposed Underground Pipe Or Structures *(31 23 16 46)*
Note: With imported or stockpiled materials

31 23 16 46-0009	CY	Backfilling By Hydraulic Excavator, Backhoe, Loader At Exposed Underground Pipes And Structures		11.42	
		For >20 To 50, Add		*8.57*	
		For >50 To 250, Add		*4.57*	
		For >250 To 500, Add		*1.71*	
31 23 16 46-0010	CY	Backfilling by Hand At Exposed Underground Pipes And Structures		87.55	

31 23 16 46-0011 Compaction Of Fill Or Subbase At Exposed Underground Pipe Or Structures *(31 23 16 46)*
Note: With imported or stockpiled materials

31 23 16 46-0012	CY	Compaction of Fill or Subbase by Mechanical Means At Exposed Underground Pipe Or Structures		17.85	
		For Up To 20, Add		*17.85*	
		For >20 To 50, Add		*13.39*	
		For >50 To 250, Add		*7.14*	
		For >250 To 500, Add		*2.68*	
31 23 16 46-0013	CY	Compaction of Fill or Subbase by Hand At Exposed Underground Pipe Or Structures		58.10	

31 23 16 46-0014 Loading Excess Material For Removal From Excavation At Exposed Underground Pipe Or Structures *(31 23 16 46)*
Note: Includes hand work by laborer for clean-up. Not to be used when excavated material can be loaded directly into truck instead of stockpiling. See CSI section 01 74 19 00-0040 for hauling.

31 23 16 46-0015	CY	Load Excess Material by Machine for Removal from Excavation At Exposed Underground Pipe Or Structures		7.66	
		For Up To 20, Add		*7.66*	
		For >20 To 50, Add		*5.75*	
		For >50 To 250, Add		*3.06*	
		For >250 To 500, Add		*1.15*	
		For >1,000, Deduct		*-1.15*	
31 23 16 46-0016	CY	Load Excess Material by Hand for Removal from Excavation At Exposed Underground Pipe Or Structures		113.29	

31 23 16 46-0017 Spread Excess Or Imported Material And Grade At Exposed Underground Pipe Or Structures *(31 23 16 46)*
Note: Includes hand work by laborer for clean-up.

31 23 16 46-0018	CY	Spread Excess Or Imported Material And Grade On Site By Machine At Exposed Underground Pipe Or Structures		3.55	
		For Up To 20, Add		*3.55*	
		For >20 To 50, Add		*2.66*	
		For >50 To 250, Add		*1.42*	
		For >250 To 500, Add		*0.53*	
		For >1,000, Deduct		*-0.53*	
31 23 16 46-0019	CY	Spread Excess Or Imported Material And Grade On Site By Hand At Exposed Underground Pipe Or Structures		62.51	

31 23 23 Fill *(31 23)*

31 23 23 23 Compaction *(31 23 23)*

31 23 23 23-0001 Compaction Water, Water Truck And Operator *(31 23 23 23)*

31 23 23 23-0002	MGL	Compaction Water, Water Truck And Operator Note: Use this task in situations where earth fill, base material, etc. requires additional moisture to comply with the compaction specification. Includes delivery up to 15 miles. (Per each 1,000 gallons of water)		302.12	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

31 23 23 33 Flowable Fill *(31 23 23)*

31 23 23 33-0001 Flowable Fill (Fly Ash) Cement Backfill For Trenches *(31 23 23 33)*
Note: Includes compaction and restoration of final grade.

31 23 23 33-0002	CY	Flowable Fill (Fly Ash) Cement Backfill for Trenches	151.33	
		For Up To 20, Add	*62.42*	
		For >20 To 50, Add	*40.48*	
		For >50 To 250, Add	*20.24*	
		For >500 To 1,000, Deduct	*-10.97*	
		For >1,000, Deduct	*-21.94*	

31 24 Embankments *(31 20)*

31 24 13 Roadway Embankments *(31 24)*

31 24 13 00-0001 Roadway, Parking Areas, Landscaping And Embankment Excavation And Shaping Operations *(31 24 13)*
Note: Use this section for excavation and shaping operations even if the total quantity for the project exceeds 500 CY.

31 24 13 00-0002 Cutting, Shaping And Rough Grading *(31 24 13 00-0001)*
Note: For roadways, parking areas, landscaping, and embankments. Includes loading or stockpiling excess materials within 300' of initial cut.

31 24 13 00-0003 Cutting, Shaping, And Rough Grading *(31 24 13 00-0002)*

31 24 13 00-0004	CY	Cut, Shape, and Rough Grading for Roadways, Parking Areas, Landscaping and Embankments by Machine in Soil	7.62	
		For Up To 20, Add	*7.62*	
		For >20 To 50, Add	*5.72*	
		For >50 To 250, Add	*3.05*	
		For >250 To 500, Add	*1.14*	
		For >1,000, Deduct	*-1.14*	
31 24 13 00-0005	CY	Cut, Shape, and Rough Grading for Roadways, Parking Areas, Landscaping and Embankments by Machine in Loose Rock Note: Includes compacted aggregate	9.45	
		For Up To 20, Add	*9.45*	
		For >20 To 50, Add	*7.09*	
		For >50 To 250, Add	*3.78*	
		For >250 To 500, Add	*1.42*	
		For >1,000, Deduct	*-1.42*	

31 24 13 00-0006 Cutting, Shaping, And Rough Grading By Hand *(31 24 13 00-0002)*

31 24 13 00-0007	SY	Shape Embankment/Slope By Hand Up To 1 On 4 Slope	7.92
31 24 13 00-0008	SY	Shape Embankment/Slope By Hand Greater Than 1 On 4 Slope	10.30

31 24 13 00-0009 Scarify Soil *(31 24 13 00-0001)*
Note: For roadways, parking areas, landscaping and embankments by machine.

31 24 13 00-0010	CSF	Scarify Soil For Roadways, Parking Areas, Landscaping And Embankments By Machine	7.06	
		For Up To 20, Add	*3.53*	
		For >20 To 50, Add	*1.77*	
		For >250 To 500, Deduct	*-0.71*	
		For >500, Deduct	*-1.41*	

31 24 13 00-0011 Relocating On Site Excavated Material *(31 24 13 00-0001)*

31 24 13 00-0012	CY	>500' To 1,000', Relocating On Site Excavated Material For Roadways, Parking Areas, Landscaping And Embankments By Machine	13.71	
		For Up To 20, Add	*13.71*	
		For >20 To 50, Add	*10.28*	
		For >50 To 250, Add	*5.48*	
		For >250 To 500, Add	*2.06*	
		For >1,000, Deduct	*-2.06*	
31 24 13 00-0013	CY	>1,000', Relocating On Site Excavated Material For Roadways, Parking Areas, Landscaping And Embankments By Machine	18.29	
		For Up To 20, Add	*18.29*	
		For >20 To 50, Add	*13.72*	
		For >50 To 250, Add	*7.32*	
		For >250 To 500, Add	*2.74*	
		For >1,000, Deduct	*-2.74*	

31 24 13 00-0014 Spread And Shape Imported Or Stockpiled Material *(31 24 13 00-0001)*
Note: For roadways, parking areas, landscaping and embankments. See CSI section 31 23 16 36-0032 for spreading material by hand.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 24 13 00-0015	CY	Spread And Shape Imported Or Stockpiled Material For Roadways, Parking Areas, Landscaping and Embankments By Machine	8.38	
		For Up To 20, Add	*8.38*	
		For >20 To 50, Add	*6.29*	
		For >50 To 250, Add	*3.35*	
		For >250 To 500, Add	*1.26*	
		For >1,000, Deduct	*-1.26*	

31 24 13 00-0016 Grading *(31 24 13 00-0001)*

Note: For roadways, parking areas, landscaping and embankments by machine.

31 24 13 00-0017	SY	Rough Grade Roadway, Parking Areas, Landscaping And Embankments By Machine	0.87	
31 24 13 00-0018	SY	Finish Grade Roadway, Parking Areas, Landscaping And Embankments By Machine	1.17	
31 24 13 00-0019	LF	Finish Grade For Curb	1.31	
31 24 13 00-0020	LF	Finish Grade For Curb And Gutter	1.60	

31 24 13 00-0021 Compaction Of Fill Or Subbase *(31 24 13 00-0001)*

Note: For roadways, parking areas, landscaping and embankments by machine, per lift.

31 24 13 00-0022	SY	Compaction Of Fill Or Subbase For Roadways, Parking Areas, Landscaping And Embankments By Machine Per Lift	0.78	
		For Up To 250, Add	*0.78*	
		For >250 To 500, Add	*0.59*	
		For >500 To 1,000, Add	*0.31*	
		For >5,000, Deduct	*-0.12*	

31 24 13 00-0023 Loading Excess Material For Removal From Excavation *(31 24 13 00-0001)*

Note: For roadways, parking areas, landscaping and embankments by machine. Includes handwork by laborer for clean-up.

31 24 13 00-0024	CY	Load Excess Material For Removal For Roadways, Parking Areas, Landscaping and Embankments by Machine	6.27	
		For Up To 20, Add	*6.27*	
		For >20 To 50, Add	*4.70*	
		For >50 To 250, Add	*2.51*	
		For >250 To 500, Add	*0.94*	
		For >1,000, Deduct	*-0.94*	

31 25 Erosion and Sedimentation Controls *(31 20)*

31 25 14 Stabilization Measures for Erosion and Sedimentation Control *(31 25)*

31 25 14 13 Hydraulically-Applied Erosion Control *(31 25 14)*

31 25 14 13-0001 Bonded Fiber Matrix *(31 25 14 13)*

31 25 14 13-0002	MSF	Up To 25,000 SF Bonded Fiber Matrix, Hydraulically Applied	65.83
31 25 14 13-0003	MSF	>25,000 To 50,000 SF Bonded Fiber Matrix, Hydraulically Applied	60.37
31 25 14 13-0004	MSF	>50,000 To 100,000 SF Bonded Fiber Matrix, Hydraulically Applied	55.75
31 25 14 13-0005	MSF	>100,000 Bonded Fiber Matrix, Hydraulically Applied	53.11

31 25 14 16 Rolled Erosion Control Mats and Blankets *(31 25 14)*

Note: Includes all staples and stakes for erosion control blankets and turf reinforcement mats.

31 25 14 16-0001 Erosion Control Blankets And Turf Reinforcement Mats *(31 25 14 16)*

31 25 14 16-0002 Erosion Control Blankets, Short Term, Light Duty *(31 25 14 16-0001)*

31 25 14 16-0003	SY	S75 Single Net Erosion Control Blanket Note: Straw matrix with degradable thread to a single standard photodegradable polypropylene netting as manufactured by North American Green.	3.42
31 25 14 16-0004	SY	S75BN Single Net Erosion Control Blanket Note: Straw Matrix with Biodegradable Thread to a Single Natural Fiber Netting as manufactured by North American Green.	4.40
31 25 14 16-0005	SY	Curlex 1, Single Net Erosion Control Blanket Note: As manufactured by American Excelsior	3.25
31 25 14 16-0006	SY	Curlex 1, Single Net Erosion Control Blanket Note: As manufactured by American Green.	3.42
31 25 14 16-0007	SY	Futerra Erosion Control Blanket, Wood Fibers With Biodegradable Netting	3.04

31 25 14 16-0008 Erosion Control Blankets, Intermediate Duration *(31 25 14 16-0001)*

31 25 14 16-0009	SY	S150 Double Net Erosion Control Blanket Note: Straw matrix with degradable thread to a double standard photodegradable polypropylene netting as manufactured by North American Green.	4.41
31 25 14 16-0010	SY	S150 BN Double Net Erosion Control Blanket Note: Straw matrix with biodegradable thread to a double natural fiber netting as manufactured by North American Green.	5.94
31 25 14 16-0011	SY	Curlex II, Double Net Erosion Control Blanket, Natural Note: As manufactured by American Excelsior.	3.69
31 25 14 16-0012	SY	Curlex II, Double Net Erosion Control Blanket, Green Note: As manufactured by American Excelsior.	3.86
31 25 14 16-0013	SY	Enforcer Double Net Erosion Control Blanket Note: As manufactured by American Excelsior.	4.12

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 25 14 16-0014		**Turf Reinforcement Mats (TRM)** *(31 25 14 16-0001)* Note: Permanent, UV stabilized.		
31 25 14 16-0015	SY	P300 Permanent Polypropylene Turf Reinforcement Mat Note: 100% synthetic, UV stabilized, two layer netting.	15.48	
31 25 14 16-0016	SY	C350 Permanent Turf Reinforcement Mat Note: 100% synthetic, UV stabilized netting incorporating natural coconut fibers as manufactured by North American Green.	14.27	
31 25 14 16-0017	SY	Recyclex TRM, Permanent Turf Reinforcement Mat Note: As manufactured by American Excelsior, 100% recycled	18.17	
31 25 14 16-0018		**Jute Mesh Erosion Control Blankets** *(31 25 14 16-0001)*		
31 25 14 16-0019	SY	Jute Mesh, Open Uniform Weave	4.94	
31 25 14 16-0020		**Revegetation Mat** *(31 25 14 16-0001)*		
31 25 14 16-0021	SY	3-Dimensional Webbed Revegetation Mat, Polyolefin Fiber Note: Polyolefin fibers oriented and mechanically bonded between two nets. Landlok TRM 450 or equal.	11.81	
31 25 14 16-0022	SY	Webbed Revegetation Mat, Polypropylene Fiber Note: Polypropylene fibers positioned between two high strength biaxially oriented nets and mechanically held together by parallel stitching with polypropylene thread. Landlok TRM 1060 or equal.	16.88	

31 25 14 23 Stabilization Measures for Erosion Control *(31 25 14)*

See CSI section 01 74 19 00-0040 for hauling greater than 15 miles.

31 25 14 23-0001		**Sand Bags** *(31 25 14 23)* Note: Bags filled on site with delivered material. Includes material and placement of bags.		
31 25 14 23-0002	BAG	50 Lb. Capacity Sand Bag With Sand	7.56	3.26
		For >2,500 To 5,000, Deduct	*-0.65*	
		For >5,000, Deduct	*-1.41*	
31 25 14 23-0003	BAG	75 Lb. Capacity Sand Bag With Sand	9.71	4.05
		For >2,500 To 5,000, Deduct	*-0.81*	
		For >5,000, Deduct	*-1.78*	
31 25 14 23-0004	BAG	100 Lb. Capacity Sand Bag With Sand	12.20	4.84
		For >2,500 To 5,000, Deduct	*-0.97*	
		For >5,000, Deduct	*-2.19*	
31 25 14 23-0005	BAG	125 Lb. Capacity Sand Bag With Sand	15.02	6.05
		For >2,500 To 5,000, Deduct	*-1.21*	
		For >5,000, Deduct	*-2.71*	
31 25 14 23-0006	BAG	150 Lb. Capacity Sand Bag With Sand	18.27	7.25
		For >2,500 To 5,000, Deduct	*-1.45*	
		For >5,000, Deduct	*-3.28*	
31 25 14 23-0007	BAG	175 Lb. Capacity Sand Bag With Sand	21.27	8.25
		For >2,500 To 5,000, Deduct	*-1.65*	
		For >5,000, Deduct	*-3.78*	
31 25 14 23-0008	BAG	2,000 Lb. Capacity Sand Bag With Sand	160.39	55.46
		For >2,500 To 5,000, Deduct	*-9.82*	
		For >5,000, Deduct	*-25.86*	
31 25 14 23-0009	BAG	3,000 Lb. Capacity Sand Bag With Sand	205.72	61.00
		For >2,500 To 5,000, Deduct	*-10.81*	
		For >5,000, Deduct	*-31.38*	
31 25 14 23-0010		**Gravel Bags** *(31 25 14 23)* Note: Bags filled on site with delivered material. Includes material and placement of bags.		
31 25 14 23-0011	BAG	30 Lb. Capacity Gravel Bag With Gravel	7.05	2.17
		For >2,500 To 5,000, Deduct	*-0.43*	
		For >5,000, Deduct	*-1.13*	
31 25 14 23-0012	BAG	50 Lb. Capacity Gravel Bag With Gravel	12.57	3.26
		For >2,500 To 5,000, Deduct	*-0.65*	
		For >5,000, Deduct	*-1.91*	
31 25 14 23-0013		**Floating Turbidity Curtain** *(31 25 14 23)* Note: Type 2 DOT fabric - 18 oz. nominal laminated vinyl/polyester. EPS flotation, 6" x 6", 13.5 lb/ft. buoyancy in fresh water and 14.4 lb/ft buoyancy in saltwater.		
31 25 14 23-0014	LF	3' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	28.20	
		For Type 1, Deduct	*-4.23*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-2.58*	
		For 22 Oz PVC Fabric, Type 2 Heavy-Duty, Add	*3.13*	
31 25 14 23-0015	LF	4' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	30.54	
		For Type 1, Deduct	*-4.66*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-2.84*	
		For 22 Oz PVC Fabric, Type 2 Heavy-Duty, Add	*3.44*	
31 25 14 23-0016	LF	5' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	33.74	
		For Type 1, Deduct	*-5.28*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-3.21*	
		For 22 Oz PVC Fabric, Type 2 Heavy-Duty, Add	*3.90*	
31 25 14 23-0017	LF	6' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	36.49	
		For Type 1, Deduct	*-5.79*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-3.52*	
		For 22 Oz PVC Fabric, Type 2 Heavy-Duty, Add	*4.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 25 14 23-0018	LF	7' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	38.29	
		For Type 1, Deduct	*-6.07*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-3.69*	
		For 22 Oz PVC Fabric, Type 2 Heavy-Duty, Add	*4.49*	
31 25 14 23-0019	LF	8' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	40.11	
		For Type 1, Deduct	*-6.35*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-3.87*	
		For 22 Oz PVC Fabric, Type 2 Heavy-Duty, Add	*4.70*	
31 25 14 23-0020	LF	9' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	42.21	
		For Type 1, Deduct	*-6.69*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-4.07*	
		For 22 Oz PVC Fabric, Type 2 Heavy-Duty, Add	*4.95*	
31 25 14 23-0021	LF	10' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	45.08	
		For Type 1, Deduct	*-7.20*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-4.38*	
		For 22 Oz PVC Fabric, Type 2 Heavy-Duty, Add	*5.32*	
31 25 14 23-0022	LF	12' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	47.36	
		For Type 1, Deduct	*-7.57*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-4.61*	
		For 22 Oz PVC Fabric, Type 2 Heavy-Duty, Add	*5.59*	
31 25 14 23-0023	LF	13' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	50.42	
		For Type 1, Deduct	*-8.10*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-4.93*	
		For 22 Oz PVC Fabric, Type 2 Heavy-Duty, Add	*5.99*	
31 25 14 23-0024	LF	14' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	53.26	
		For Type 1, Deduct	*-8.58*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-5.22*	
		For 22 Oz PVC Fabric, Type 2 Heavy-Duty, Add	*6.34*	
31 25 14 23-0025	LF	15' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	56.03	
		For Type 1, Deduct	*-9.03*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-5.50*	
		For 22 Oz PVC Fabric, Type 2 Heavy-Duty, Add	*6.68*	
31 25 14 23-0026	LF	16' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	60.92	
		For Type 1, Deduct	*-9.97*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-6.07*	
		For 22 Oz PVC Fabric, Type 2 Heavy-Duty, Add	*7.37*	
31 25 14 23-0027	LF	17' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	63.88	
		For Type 1, Deduct	*-10.45*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-6.36*	
		For 22 Oz PVC Fabric, Type 2 Heavy-Duty, Add	*7.72*	
31 25 14 23-0028	LF	18' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	66.77	
		For Type 1, Deduct	*-10.90*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-6.63*	
		For 22 Oz PVC Fabric, Type 2 Heavy-Duty, Add	*8.05*	
31 25 14 23-0029	LF	19' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	69.83	
		For Type 1, Deduct	*-11.38*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-6.93*	
		For 22 Oz PVC Fabric, Type 2 Heavy-Duty, Add	*8.41*	
31 25 14 23-0030	LF	20' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	72.80	
		For Type 1, Deduct	*-11.83*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-7.20*	
		For 22 Oz PVC Fabric, Type 2 Heavy-Duty, Add	*8.74*	

31 25 14 23-0031 Turbidity Curtain Anchors *(31 25 14 23)*

31 25 14 23-0032	EA	14 Lb., Turbidity Curtain Anchor System Note: Includes anchor, anchor chain, and marker buoy and rope.	740.37
31 25 14 23-0033	EA	25 Lb., Turbidity Curtain Anchor System Note: Includes anchor, anchor chain, and marker buoy and rope.	1,013.02
31 25 14 23-0034	EA	40 Lb., Turbidity Curtain Anchor System Note: Includes anchor, anchor chain, and marker buoy and rope.	1,286.85
31 25 14 23-0035	EA	65 Lb., Turbidity Curtain Anchor System Note: Includes anchor, anchor chain, and marker buoy and rope.	1,681.16

31 25 14 23-0036 Filter Bags *(31 25 14 23)*

31 25 14 23-0037 Non-Woven Filter Bags *(31 25 14 23-0036)*

31 25 14 23-0038	EA	6' x 15' Non-Woven Filter Bag	260.09
31 25 14 23-0039	EA	13' x 15' Non-Woven Filter Bag	376.07
31 25 14 23-0040	EA	15' x 15' Non-Woven Filter Bag	432.71

31 25 14 23-0041 Monofilament Filter Bags *(31 25 14 23-0036)*

31 25 14 23-0042	EA	5' x 15' Monofilament Filter Bag	270.32
31 25 14 23-0043	EA	10' x 15' Monofilament Filter Bag	373.93

31 25 14 23-0044 Cable Articulating Concrete Block *(31 25 14 23)*

Note: 4000 PSI Compressive strength, 12 LB/CF maximum absorption. Interlocking block with longitudinal revetment cable. Includes anchoring block to 12" x 12" x 6" concrete pier every 5' with anchor and filling cells with stockpiled material. Excludes site preparation and imported materials.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 25 14 23-0045	SF	4.75" Open Cell Articulated Concrete Block With Earth Backfill	45.39	
		For Up To 500, Add	*10.39*	
		For >500 To 1,000, Add	*5.85*	
31 25 14 23-0046	SF	6" Open Cell Articulated Concrete Block With Earth Backfill	51.59	
		For Up To 500, Add	*11.75*	
		For >500 To 1,000, Add	*6.59*	
31 25 14 23-0047	SF	7.5" Open Cell Articulated Concrete Block With Earth Backfill	58.72	
		For Up To 500, Add	*13.32*	
		For >500 To 1,000, Add	*7.45*	
31 25 14 23-0048	SF	9" Open Cell Articulated Concrete Block With Earth Backfill	66.10	
		For Up To 500, Add	*14.97*	
		For >500 To 1,000, Add	*8.36*	
31 25 14 23-0049	SF	4.75" Closed Cell Articulated Concrete Block	48.27	
		For Up To 500, Add	*10.97*	
		For >500 To 1,000, Add	*6.14*	
31 25 14 23-0050	SF	6" Closed Cell Articulated Concrete Block	55.03	
		For Up To 500, Add	*12.44*	
		For >500 To 1,000, Add	*6.94*	
31 25 14 23-0051	SF	7.5" Closed Cell Articulated Concrete Block	62.80	
		For Up To 500, Add	*14.14*	
		For >500 To 1,000, Add	*7.86*	
31 25 14 23-0052	SF	9" Closed Cell Articulated Concrete Block	70.76	
		For Up To 500, Add	*15.90*	
		For >500 To 1,000, Add	*8.83*	

31 25 14 26 Stabilization Measures for Sedimentation Control *(31 25 14)*

31 25 14 26-0001 Silt Fences And Dike Barriers *(31 25 14 26)*

Note: Includes stakes and embedding.

31 25 14 26-0002 Silt Fences 2' High *(31 25 14 26-0001)*

See CSI section 31 25 14 26-0014 for removal of silt fence.

31 25 14 26-0003	LF	2' High Silt Fence with Stakes at 4' On Center	5.51
31 25 14 26-0004	LF	2' High Silt Fence with Stakes at 6' On Center	4.25
31 25 14 26-0005	LF	2' High Silt Fence with Stakes at 8' On Center	2.97
31 25 14 26-0006	LF	2' High Silt Fence with Stakes at 10' On Center	2.51

31 25 14 26-0007 Silt Fences 3' High *(31 25 14 26-0001)*

See CSI section 31 25 14 26-0014 for removal of silt fence.

31 25 14 26-0008	LF	3' High Silt Fence with Stakes at 4' On Center	6.54
31 25 14 26-0009	LF	3' High Silt Fence with Stakes at 6' On Center	5.04
31 25 14 26-0010	LF	3' High Silt Fence with Stakes at 8' On Center	3.50
31 25 14 26-0011	LF	3' High Silt Fence with Stakes at 10' On Center	2.84

31 25 14 26-0012 Silt Dike Barrier *(31 25 14 26-0001)*

31 25 14 26-0013	LF	Silt Dike Barrier With Stakes	4.16

31 25 14 26-0014 Silt Fences Removal *(31 25 14 26-0001)*

31 25 14 26-0015	LF	Removal Of Silt Fence And Stakes	1.03

31 25 14 26-0016 Hay And Straw Bales *(31 25 14 26)*

Note: Includes trench for placement, and stakes.

31 25 14 26-0017	LF	Place Sterilized Straw Bales Note: Includes securing in ground with stakes. See CSI section 31 25 14 26-0019 for removal of straw bale.	5.45
31 25 14 26-0018	LF	Place Hay Bales Note: Includes securing in ground with stakes. See CSI section 31 25 14 26-0019 for removal of hay bale.	5.10
31 25 14 26-0019	LF	Removal Of Hay Or Straw Bales Note: Includes removal of stakes.	1.84

31 25 14 26-0020 Sediment Logs (Degradable) *(31 25 14 26)*

31 25 14 26-0021 Sediment Logs (Degradable) *(31 25 14 26-0020)*

Note: Includes stakes and removal after use. Curlex sediment logs as manufactured by American Excelsior.

31 25 14 26-0022	LF	9" Sediment Fiber Roll Log	6.56
31 25 14 26-0023	LF	12" Sediment Fiber Roll Log	7.52
31 25 14 26-0024	LF	20" Sediment Fiber Roll Log	11.30

31 25 14 26-0025 Wattles (Degradable) With UV Stabilized Synthetic Netting *(31 25 14 26-0020)*

Note: Includes trench for placement, 24" wood staking at 4' on-center

31 25 14 26-0026	EA	Wattles (Sterile Straw Filled Rolls), 8" x 25'	131.29
31 25 14 26-0027	EA	Wattles (Sterile Straw Filled Rolls), 9" x 25'	136.55
31 25 14 26-0028	EA	Wattles (Sterile Straw Filled Rolls), 12" x 20'	141.56
31 25 14 26-0029	EA	Wattles (Sterile Straw Filled Rolls), 20" x 10'	143.24

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 25 14 26-0030		Inlet Protection Sediment Bags *(31 25 14 26)*		
		Note: Includes removal, cleaning, and replacement per each location.		
31 25 14 26-0031	EA	2' x 2' x 3' Inlet Protection Sediment Bag	73.19	
31 25 14 26-0032	EA	2' x 3' x 3' Inlet Protection Sediment Bag	84.95	
31 25 14 26-0033	EA	2' x 4' x 3' Inlet Protection Sediment Bag	93.19	

31 30 Earthwork Methods *(31)*

31 31 Soil Treatment *(31 30)*

31 31 19 Vegetation Control *(31 31)*

31 31 19 13 Chemical Vegetation Control *(31 31 19)*

31 31 19 13-0001 Soil Sterilants *(31 31 19 13)*

31 31 19 13-0002	MSF	Soil Sterilant	34.51
		Note: Use only in areas where complete control of all vegetation is desired, such as industrial sites, right-of-way, lumberyards, petroleum tank farms, around farm buildings, along fence lines, etc. When applied to the soil, this product usually inhibits plant growth for a year or more.	
		For >45 To 90, Deduct	*-0.53*
		For >90 To 225, Deduct	*-2.78*
		For >225, Deduct	*-3.84*

31 32 Soil Stabilization *(31 30)*

31 32 13 Soil Mixing Stabilization *(31 32)*

31 32 13 16 Cement Soil Stabilization *(31 32 13)*

31 32 13 16-0001 Cementitious Soil Binder *(31 32 13 16)*

31 32 13 16-0002	CY	Cementitious Soil Binder, 4% Cement Mix By Volume	42.62
31 32 13 16-0003	CY	Cementitious Soil Binder, 6% Cement Mix By Volume	48.94
31 32 13 16-0004	CY	Cementitious Soil Binder, 9% Cement Mix By Volume	59.36
31 32 13 16-0005	CY	Cementitious Soil Binder, 12% Cement Mix By Volume	69.62

31 32 13 19 Lime Soil Stabilization *(31 32 13)*

Note: Includes delivery up to 15 miles from the closest approved source, the cost for loading, and dumping. The price excludes the cost for spreading or backfilling. See CSI section 01 74 19 00-0040 for hauling greater than 15 miles.

31 32 13 19-0001 Lime Slurry *(31 32 13 19)*

31 32 13 19-0002	LCY	Soil Stabilization With Lime Slurry 10% Lime Slurry By Volume	38.16
31 32 13 19-0003	TON	Cement Stabilized Base Material	131.94
31 32 13 19-0004	CWT	Lime For Soil Stabilization	21.23
		Note: Excludes the cost for spreading or backfilling	
31 32 13 19-0005	LCY	Roller, Grader - Lime Stabilization	18.86
31 32 13 19-0006	LCY	Roller, Grader - Cement Stabilization	4.45

31 32 13 19-0007 Lime Stabilized Subgrade *(31 32 13 19)*

Note: Based on soil weight of 110 LB/CF using lime weight of 5.5 LB/CF (5%).

31 32 13 19-0008	SY	6" Thick Lime Stabilized Subgrade, 25 Lb.	13.20
		For 4% Lime Instead Of 5%, Deduct	*-0.38*
		For 6% Lime Instead Of 5%, Add	*0.38*
31 32 13 19-0009	SY	7" Thick Lime Stabilized Subgrade, 29 Lb.	15.31
		For 4% Lime Instead Of 5%, Deduct	*-0.43*
		For 6% Lime Instead Of 5%, Add	*0.43*
31 32 13 19-0010	SY	8" Thick Lime Stabilized Subgrade, 33 Lb.	17.47
		For 4% Lime Instead Of 5%, Deduct	*-0.50*
		For 6% Lime Instead Of 5%, Add	*0.50*

31 32 13 29 Liquid Soil Stabilization *(31 32 13)*

31 32 13 29-0001	GAL	Polyacrylamide And Calcium Solution	2.94

31 32 19 Geosynthetic Soil Stabilization and Layer Separation *(31 32)*

31 32 19 13 Geogrid Soil Stabilization *(31 32 19)*

31 32 19 13-0001 Geogrid Fabrics *(31 32 19 13)*

Note: For reinforcement of over steepened earth slopes, segmental retaining walls and other mechanically stabilized earth applications. Includes stakes.

31 32 19 13-0002	SY	5.3 Ounce/SY, 1,700 Lb./FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric (Carthage Mills GX-150)	5.47
		For Up To 50, Add	*1.22*
		For >50 To 150, Add	*0.90*
		For >150 To 250, Add	*0.59*
		For >250 To 500, Add	*0.29*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 32 19 13-0003	SY	6.9 Ounce/SY, 3,100 Lb./FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric (Carthage Mills GX-300)	6.24	
		For Up To 50, Add	*1.38*	
		For >50 To 150, Add	*1.02*	
		For >150 To 250, Add	*0.67*	
		For >250 To 500, Add	*0.33*	
31 32 19 13-0004	SY	8.7 Ounce/SY, 4,280 Lb./FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric (Carthage Mills GX-500)	6.81	
		For Up To 50, Add	*1.50*	
		For >50 To 150, Add	*1.11*	
		For >150 To 250, Add	*0.73*	
		For >250 To 500, Add	*0.36*	
31 32 19 13-0005	SY	12.6 Ounce/SY, 7,315 Lb./FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric (Carthage Mills GX-800)	9.79	
		For Up To 50, Add	*2.10*	
		For >50 To 150, Add	*1.56*	
		For >150 To 250, Add	*1.03*	
		For >250 To 500, Add	*0.51*	
31 32 19 13-0006	SY	14.1 Ounce/SY, 9,790 Lb./FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric (Carthage Mills GX-1000)	11.20	
		For Up To 50, Add	*2.39*	
		For >50 To 150, Add	*1.78*	
		For >150 To 250, Add	*1.17*	
		For >250 To 500, Add	*0.59*	
31 32 19 13-0007	SY	4.3 Ounce/SY, 1,658 Lb./FT Wide Width Tensile Ultimate Bi-Axial Extruded Polypropylene Geogrid Fabric (Carthage Mills Enkagrid Max 20)	5.56	
		For Up To 50, Add	*1.24*	
		For >50 To 150, Add	*0.92*	
		For >150 To 250, Add	*0.60*	
		For >250 To 500, Add	*0.30*	
31 32 19 13-0008	SY	5.9 Ounce/SY, 2,192 Lb./FT Wide Width Tensile Ultimate Bi-Axial Extruded Polypropylene Geogrid Fabric (Carthage Mills Enkagrid Max 30)	8.18	
		For Up To 50, Add	*1.77*	
		For >50 To 150, Add	*1.32*	
		For >150 To 250, Add	*0.86*	
		For >250 To 500, Add	*0.43*	

31 32 19 16 Geotextile Soil Stabilization *(31 32 19)*

31 32 19 16-0001 Nonwoven Polypropylene Geotextiles *(31 32 19 16)*

Note: For drainage, filtration and separation. Includes stakes.

31 32 19 16-0002	SY	3.0 Ounce/SY, 40 Mil, 80 Lb. Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-30HS)	1.70	
		For Up To 50, Add	*0.39*	
		For >50 To 150, Add	*0.29*	
		For >150 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.09*	
31 32 19 16-0003	SY	3.5 Ounce/SY, 50 Mil, 95 Lb. Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-35HS)	1.82	
		For Up To 50, Add	*0.41*	
		For >50 To 150, Add	*0.31*	
		For >150 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.10*	
31 32 19 16-0004	SY	4.0 Ounce/SY, 60 Mil, 115 Lb. Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-40HS)	1.97	
		For Up To 50, Add	*0.44*	
		For >50 To 150, Add	*0.33*	
		For >150 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.11*	
31 32 19 16-0005	SY	4.5 Ounce/SY, 55 Mil, 120 Lb. Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-45HS)	2.12	
		For Up To 50, Add	*0.47*	
		For >50 To 150, Add	*0.35*	
		For >150 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.11*	
31 32 19 16-0006	SY	6.0 Ounce/SY, 70 Mil, 160 Lb. Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-60HS)	2.52	
		For Up To 50, Add	*0.55*	
		For >50 To 150, Add	*0.41*	
		For >150 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.13*	
31 32 19 16-0007	SY	7.0 Ounce/SY, 85 Mil, 180 Lb. Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-70HS)	2.96	
		For Up To 50, Add	*0.66*	
		For >50 To 150, Add	*0.49*	
		For >150 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.16*	
31 32 19 16-0008	SY	8.0 Ounce/SY, 85 Mil, 205 Lb. Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-80HS)	3.26	
		For Up To 50, Add	*0.72*	
		For >50 To 150, Add	*0.53*	
		For >150 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 32 19 16-0009	SY	10 Ounce/SY, 115 Mil, 250 Lb. Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-100HS)	4.02	
		For Up To 50, Add	*0.87*	
		For >50 To 150, Add	*0.65*	
		For >150 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.21*	

31 32 19 16-0010 Woven Geotextiles Fabric *(31 32 19 16)*

Note: Includes stakes.

31 32 19 16-0011	SY	200 Lb. Grab Tensile Woven Slit Film Geotextile Fabric (Carthage Mills FX-55)	2.46	
		For Up To 50, Add	*0.54*	
		For >50 To 150, Add	*0.40*	
		For >150 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.13*	
31 32 19 16-0012	SY	315 Lb. Grab Tensile Woven Slit Film Geotextile Fabric (Carthage Mills FX-66)	3.45	
		For Up To 50, Add	*0.74*	
		For >50 To 150, Add	*0.55*	
		For >150 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.18*	
31 32 19 16-0013	SY	4 To 6% Open Area, 370 x 250 Lb. Grab Tensile Woven Monofilament Geotextile Fabric (Carthage Mills Carthage 6%)	6.10	
		For Up To 50, Add	*1.28*	
		For >50 To 150, Add	*0.96*	
		For >150 To 250, Add	*0.63*	
		For >250 To 500, Add	*0.32*	
31 32 19 16-0014	SY	11 To 15% Open Area, 370 x 220 Lb. Grab Tensile Woven Monofilament Geotextile Fabric (Carthage Mills Carthage 15%)	5.95	
		For Up To 50, Add	*1.25*	
		For >50 To 150, Add	*0.93*	
		For >150 To 250, Add	*0.62*	
		For >250 To 500, Add	*0.31*	
31 32 19 16-0015	SY	6.9 Oz/SY, 250 Lb./IN Wide Width Tensile Ultimate Woven Twill Weave Geotextile Fabric (Carthage Mills FX-250TF)	5.20	
		For Up To 50, Add	*1.10*	
		For >50 To 150, Add	*0.82*	
		For >150 To 250, Add	*0.54*	
		For >250 To 500, Add	*0.27*	
31 32 19 16-0016	SY	9.1 Oz/SY, 333 Lb./IN Wide Width Tensile Ultimate Woven Twill Weave Geotextile Fabric (Carthage Mills FX-330TF)	5.56	
		For Up To 50, Add	*1.18*	
		For >50 To 150, Add	*0.88*	
		For >150 To 250, Add	*0.58*	
		For >250 To 500, Add	*0.29*	
31 32 19 16-0017	SY	12.1 Oz/SY, 400 Lb./IN Wide Width Tensile Ultimate Woven Twill Weave Geotextile Fabric (Carthage Mills FX-400TF)	7.10	
		For Up To 50, Add	*1.48*	
		For >50 To 150, Add	*1.11*	
		For >150 To 250, Add	*0.73*	
		For >250 To 500, Add	*0.37*	
31 32 19 16-0018	SY	12.1 Oz/SY, 400 Lb./IN Wide Width Tensile Ultimate Woven Monofilament And Fibrillated Geotextile Fabric (Carthage Mills FX-400MF)	10.12	
		For Up To 50, Add	*2.09*	
		For >50 To 150, Add	*1.56*	
		For >150 To 250, Add	*1.03*	
		For >250 To 500, Add	*0.52*	

31 32 19 16-0019 Geomembranes *(31 32 19 16)*

Note: Includes stakes.

31 32 19 16-0020 Polyvinyl Chloride (PVC) Geomembrane *(31 32 19 16-0019)*

31 32 19 16-0021	SF	20 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	1.52
31 32 19 16-0022	SF	30 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	1.75
31 32 19 16-0023	SF	40 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	2.12
31 32 19 16-0024	SF	50 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	2.54
31 32 19 16-0025	SF	60 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	2.90
31 32 19 16-0026	SF	70 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	3.17
31 32 19 16-0027	SF	80 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	3.44
31 32 19 16-0028	SF	90 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	3.80
31 32 19 16-0029	SF	100 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	4.14

31 32 19 16-0030 High-Density Polyethylene (HDPE) Geomembrane *(31 32 19 16-0019)*

31 32 19 16-0031	SF	20 Mil High-Density Polyethylene (HDPE) Membrane (US Fabrics)	1.07
31 32 19 16-0032	SF	30 Mil High-Density Polyethylene (HDPE) Membrane (US Fabrics)	0.95
31 32 19 16-0033	SF	40 Mil High-Density Polyethylene (HDPE) Membrane (US Fabrics)	1.06
31 32 19 16-0034	SF	50 Mil High-Density Polyethylene (HDPE) Membrane (US Fabrics)	1.53
31 32 19 16-0035	SF	60 Mil High-Density Polyethylene (HDPE) Membrane (US Fabrics)	1.26
31 32 19 16-0036	SF	80 Mil High-Density Polyethylene (HDPE) Membrane (US Fabrics)	1.47
31 32 19 16-0037	SF	100 Mil High-Density Polyethylene (HDPE) Membrane (US Fabrics)	1.69
31 32 19 16-0038	SF	120 Mil High-Density Polyethylene (HDPE) Membrane (US Fabrics)	2.78
31 32 19 16-0039	SF	140 Mil High-Density Polyethylene (HDPE) Membrane (US Fabrics)	2.87

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

31 32 19 23 Geotextile Layer Separation *(31 32 19)*

31 32 19 23-0001 Polyethylene Plastic Sheeting Barrier *(31 32 19 23)*

Note: Includes stakes.

31 32 19 23-0002	SY	4 Mil Polyethylene Plastic Sheeting Barrier	0.78	
31 32 19 23-0003	SY	6 Mil Polyethylene Plastic Sheeting Barrier	0.92	
31 32 19 23-0004	SY	8 Mil Polyethylene Plastic Sheeting Barrier	1.41	

31 32 19 26 Geoweb Cellular Confinement System *(31 32 19)*

Note: Includes staples, stakes and filling cells with stockpiled material. Excludes site preparation and imported materials.

31 32 19 26-0001 Geoweb Cellular Confinement System *(31 32 19 26)*

Note: Includes staples, stakes and filling cells with stockpiled material. Excludes site preparation and imported materials.

31 32 19 26-0002	SF	4" Geoweb Cellular Confinement System (Presto Geosystems)	8.03	
		For >20,000, Deduct	*-0.19*	
		For >2:1 Slope, Add	*1.39*	
31 32 19 26-0003	SF	6" Geoweb Cellular Confinement System (Presto Geosystems)	9.75	
		For >20,000, Deduct	*-0.28*	
		For >2:1 Slope, Add	*1.39*	
31 32 19 26-0004	SF	8" Geoweb Cellular Confinement System (Presto Geosystems)	11.80	
		For >20,000, Deduct	*-0.38*	
		For >2:1 Slope, Add	*1.39*	

31 32 36 Soil Nailing *(31 32)*

31 32 36 11 Soil Nailing Stabilization *(31 32 36)*

31 32 36 11-0001 Landslide and Slip-Out Stabilization *(31 32 36 11)*

Note: Work shall consist of the Contractor stabilizing identified slides by internally reinforcing the soil mass with reinforcing elements (nails) by using one or more of the installation methods specified in this contract. The Owner will identify locations for work to be performed as specified herein. The Contractor shall review all locations with Owner representatives to determine the method to be used. The Contractor will provide all necessary engineering plans and details required to successfully repair slides as noted. These plans shall be stamped by a registered professional engineer with a current California license who is knowledgeable in the design and implementation of slope stabilization with soil nails and related work. The contractor shall furnish all labor, materials, and equipment required to complete the work. Any necessary installation methods and associated costs are the responsibility of the contractor. The Contractor and the Contractor's Engineer will also warrant the stability of the repaired roadway section for a period of 5 years.

31 32 36 11-0002 BioWall® *(31 32 36 11-0001)*

Note: Furnish and install the BioWall® to integrate with Launched Soil Nails™, SuperNails® or Self Drilling SuperNails®. The BioWall® is a confined soil/compost mass capable of sustaining vegetation at slope angles up to ¼(H):1(V), and is composed of 2 layers of galvanized wire mesh and 2 layers of lightweight geosynthetic encasing a seeded compost and/or topsoil mix, tied to the soil nails by steel plates. Furnish equipment and incidentals necessary to complete the work. BioWall® to soil nail connection details will be determined by the Contractor's Engineer and identified in the Contractor's stamped plans and submittals. Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).

31 32 36 11-0003	SF	BioWall® Construction	25.00	

31 32 36 11-0004 Green Terra Mesh *(31 32 36 11-0001)*

Note: Furnish and install the Green Terra Mesh. Furnish equipment and incidentals necessary to complete the work. Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).

31 32 36 11-0005	EA	Green Terra Mesh	635.25	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 32 36 11-0006		**GeoSynthetically Confined Soil™ (GCS®) Components** *(31 32 36 11-0001)* Note: Furnish and install geosynthetic reinforcement, backfill and facing element to construct a Geosynthetically Confined Soil Wall™ (GCS®). Designs shall comply with the Design Standards for Geosynthetically Confined Soil Walls (adapted from the NCHRP Report 556 – Design and Construction Guidelines for Geosynthetic – Reinforced Soil Bridge Abutments with a Flexible Facing) noted below. Reinforcement Selection and Placement: Geosynthetic reinforcement shall consist of high-tenacity geotextiles manufactured for soil reinforcement applications. Geotextiles shall not be exposed to sunlight and extreme temperatures for an extended period of time. Damaged or improperly handled geosynthetic reinforcement shall be rejected. Use a woven polypropylene geotextile with ultimate tensile strength of 2,400 lb/ft (Amoco 2044 or similar) in the cross-machine direction (as per ASTM D4595). The geosynthetic reinforcement perpendicular to the wall face should consist of one continuous piece of material. Overlap of reinforcement in the design strength direction is not permitted. Adjacent sections of geosynthetic reinforcement should be placed so as to ensure that horizontal coverage shown on the plans is provided. Tracked construction equipment shall not be operated directly on the geosynthetic reinforcement. A minimum backfill thickness of 150 mm (6 in.) is required before operation of tracked vehicles over the geosynthetic reinforcement. Turning of tracked vehicles should be kept to a minimum to prevent displacing the fill and damaging or moving the geosynthetic reinforcement. Rubber-tired equipment may pass over the geosynthetic reinforcement at slow speeds less than 17 km/hr (10 miles/hr). Sudden braking and sharp turning should be avoided. Backfill Specifications: Structure backfill material should consist of material free from organic or other unsuitable material as determined by the Contractor's Engineer. Grading of the backfill should be as follows: 100 percent passing 100 mm (4 in.) sieve, 0-60 percent passing No. 40 (0.425 mm) sieve, and 0-15 percent passing No. 200 (0.075mm) sieve; plasticity index (PI) as determined by AASHTO T90, should not exceed 6. The backfill should exhibit an angle of internal friction of not less than 34 degrees, as determined by the standard direct shear test on the portion finer than 2 mm (No.10) sieve, using a sample compacted to 95 percent of AASHTO T-99, Methods C or D, at optimum moisture content. No testing is required for backfills where 80 percent of sizes are greater than 19 mm. The backfill should be substantially free of shale or other soft, poor durability particles and should have an organic content not larger than 1 percent. The backfill should have a pH between 4.5 and 9. Backfill Placement: Reinforced fill should be placed as specified in construction plans in compacted lift thickness of 8in, but in no case in lifts greater than 12in. Reinforced fill should be placed and compacted at or within 2 percent dry of the optimum moisture content. If the reinforced fill is free draining (i.e., with less than 5 percent passing a No. 200 sieve), water content of the fill may be within ±3 percent of the optimum. A minimum density of 90 percent of standard Proctor density is required. Optimum compaction is 100 percent of AASHTO T-99 (or 95 percent of AASHTO T-180) but this may not be possible throughout the wall structure. If significant percentage of the backfill is coarse material (i.e., greater than 30 percent retained on the 19 mm, or 3/4 in., sieve), a procedural specification may be used to verify compaction, (no less than two passes with a conventional vibratory plate compaction equipment). Backfill should be placed, spread, and compacted so as to prevent the development of wrinkles or movement of the geosynthetic reinforcement and the wall facing units. Only hand-operated compaction equipment should be allowed within 0.5 m (1.5 ft) of the front of th See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).		
31 32 36 11-0007	SF	GeoSynthetically Confined Soil™ (GCS®) Wall Construction Note: Installation sold per square face foot (excludes materials)	23.75	
31 32 36 11-0008	EA	GeoSynthetically Confined Soil™ (GCS®) Wall Galvanized Wire Basket Units (approximately 10" x 120")	108.50	
31 32 36 11-0009	EA	GeoSynthetically Confined Soil™ (GCS®) Wall Concrete Masonry Units (approximately 8" x 8" x 16")	6.50	
31 32 36 11-0010	SF	GeoSynthetically Confined Soil™ (GCS®) Wall Woven Geotextile	0.75	
31 32 36 11-0011		**Turf** *(31 32 36 11-0001)* Note: Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).		
31 32 36 11-0012		**Permanent Turf Reinforcing Mat (TRM)** *(31 32 36 11-0011)* Note: Furnish a web of mechanically bonded synthetic fibers that are entangled to form a strong and dimensionally stable mat. Place fibers between 2 or 3 high-strength, biaxially oriented nets mechanically bound together by stitching with polyolefin thread. The netting material must be resistant to biological, chemical, and ultra-violet degradation.		
31 32 36 11-0013	SF	Permanent Turf Reinforcement Mat Note: sold per square face foot	1.50	
31 32 36 11-0014		**Biodegradable Turf Reinforcing Mat (TRM)** *(31 32 36 11-0011)* Note: Furnish a geotextile composed of seed free processed natural fiber matrix mechanically bound together with 100% degradable binding fiber or netting to form a continuous matrix.		
31 32 36 11-0015	SF	Biodegradable Turf Reinforcement Mat Note: sold per square face foot	0.75	
31 32 36 11-0016		**Shotcrete or Gunite** *(31 32 36 11-0001)* Note: Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).		

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

31 32 36 11-0017 **Wet-Mix Shotcrete for use with Launched Soil Nails™, SuperNails®, SuperMicropiles™, Self-Drilling SuperNails® / SuperMicropiles™** *(31 32 36 11-0016)*

Note: Furnish steel reinforced shotcrete to integrate with Launched Soil Nails™, SuperNails®, SuperMicropiles™, Self Drilling SuperMicropiles™ or Self Drilling SuperNails® and complying with the requirements of ACI 506.2, "Specifications for Materials, Proportioning and Application of Shotcrete", except as otherwise specified. Shotcreting consists applying of one or more layers of concrete conveyed through a hose pneumatically projected at a high velocity against a prepared surface. Produce shotcrete by a wet-mix. The wet-mix process consists of thoroughly mixing all the ingredients except accelerating admixtures, but including the mixing water, introducing the mixture into the delivery equipment and delivering it, by positive displacement, to the nozzle. Air jet the wet-mix shotcrete from the nozzle at high velocity onto the surface. For additional descriptive information, refer to the American Concrete Institute ACI 506R "Guide to Shotcrete." The Contractor's Engineer shall provide all necessary details required to successfully construct the temporary or permanent facing and facing drainage system to satisfy the design intent of the facing. Comply with AASHTO Specifications, or accepted industry standards for any specific items that may not be addressed herein or elsewhere in this Contract Document. Use materials for shotcrete conforming to the following requirements: Cement AASHTO M85/ ASTM C150, Type I, II, III or V. Fine Aggregate AASHTO M6/ASTM C33 clean, natural. Coarse Aggregate AASHTO M80, Class B for quality Water Clean and Potable. AASHTO M157/ASTM C94 Chemical Admixtures Accelerator Fluid type, applied at nozzle, meeting requirements of AASHTO M194/ASTM C494/ASTM C1141. Water-reducer and Superplastisizer AASHTO M194/ASTM C494 Type A, C, D, E, F, or G Retarders AASHTO M194/ ASTM C494 Type B or D. Mineral Admixtures Fly Ash AASHTO M295/ASTM C618 Type F or C, cement replacement up to 35 percent by weight of cement. Silica Fume ASTM C1240, 90 percent minimum silicon dioxide solids content, not to exceed 12 percent by weight of cement. Welded Wire Fabric AASHTO M55/ASTM A185 or A497. Double twisted hexagonal ASTM A975-97 guidelines for Double Twisted Hexagonal Mesh Gabions Prepackaged Shotcrete ASTM C928. PVC Drain Pipes: Pipe ASTM 1785 Schedule 40 PVC, solid and perforated wall, cell classification 12454-B or 12354-C, wall thickness SDR 35, with solvent weld or elastomeric gasket joints. Deliver, store and handle materials to prevent contamination, segregation, corrosion or damage. Store liquid admixtures to prevent evaporation and freezing. Use aggregate for shotcrete meeting the strength and durability requirements of AASHTO M6/M80, as applicable, and the following gradation requirements: Sieve Size Percent Passing by Weight 1/2" 100 3/8" 90-100 No. 4 70-85 No. 8 100

Proportion the shotcrete to be pumpable with the concrete pump furnished for the work, with a cementing materials content of at least 390 kilograms per cubic meter and water/cement ratio not greater than 0.50. Do not use admixtures unless approved by the Contractor's Engineer. Thoroughly mix admixtures into the shotcrete at the rate specified by the manufacturer. Use only accelerators compatible with the cement used, non-corrosive to steel, and not promoting other detrimental effects such as cracking or excessive shrinkage. The maximum allowable chloride ion content of all ingredients is 0.10% when tested to AASHTO T260. Air entrainment is not required for temporary shotcrete construction facings. Provide shotcrete with a design compressive strength of 2000 psi in 3 days and 4000 psi in 28 days. Batch aggregate and cement by weight or by volume in accordance with the requirements of ASTM C94 or AASHTO M241/ASTM C685. Use mixing equipment that thoroughly blends the materials in sufficient quantity to maintain placing continuity. Produce ready mix shotcrete complying

31 32 36 11-0018 SFI Wet-Mix Reinforced Shotcrete 5.50

Note: sold per inch thickness over one square face foot of area (includes reinforcing steel).

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

31 32 36 11-0019 Dry-Mix Shotcrete for use with Launched Soil Nails™, SuperNails®, SuperMicropiles™, Self-Drilling SuperNails® / SuperMicropiles™ *(31 32 36 11-0016)*

Note: Furnish steel reinforced shotcrete to integrate with Launched Soil Nails™, SuperNails®, SuperMicropiles™, Self Drilling SuperMicropiles™ or Self Drilling SuperNails® and complying with the requirements of ACI 506.2, "Specifications for Materials, Proportioning and Application of Shotcrete", except as otherwise specified. Shotcreting consists applying of one or more layers of concrete conveyed through a hose pneumatically projected at a high velocity against a prepared surface. Produce shotcrete by a dry-mix. The dry-mix process consists of thoroughly mixing Portland cement and aggregate (and or synthetic fiber) thoroughly mixed dry, passed through a cement gun and conveyed by air through a flexible tube, hydrated at a nozzle at the end of such flexible tube and deposited by air pressure in its place of final repose. For additional descriptive information, refer to the American Concrete Institute ACI 506R "Guide to Shotcrete." The Contractor's Engineer shall provide all necessary details required to successfully construct the temporary or permanent facing and facing drainage system to satisfy the design intent of the facing. Comply with AASHTO Specifications, or accepted industry standards for any specific items that may not be addressed herein or elsewhere in this Contract Document. Use materials for shotcrete conforming to the following requirements: Cement AASHTO M85/ ASTM C150, Type I, II, or III. Fine Aggregate AASHTO M6/ASTM C33 clean, natural. Coarse Aggregate AASHTO M80, Class B for quality Fiber Reinforcement ASTM C116-00 Water Clean and Potable. AASHTO M157/ASTM C94 and shall be maintained at a uniform pressure which shall be at least 15 pounds per square inch above air pressure at the nozzle. Chemical Admixtures Accelerator Fluid type, applied at nozzle, meeting requirements of AASHTO M194/ASTM C494/ASTM C1141. Water-reducer and Superplastisizer AASHTO M194/ASTM C494 Type A, C, D, E, F, or G Retarders AASHTO M194/ ASTM C494 Type B or D. Mineral Admixtures Fly Ash AASHTO M295/ASTM C618 Type F or C, cement replacement up to 35 percent by weight of cement. Silica Fume ASTM C1240, 90 percent minimum silicon dioxide solids content, not to exceed 12 percent by weight of cement. Welded Wire Fabric AASHTO M55/ASTM A185 or A497. Double twisted hexagonal ASTM A975-97 guidelines for Double Twisted Hexagonal Mesh Gabions Prepackaged Shotcrete ASTM C928. PVC Drain Pipes: Pipe ASTM 1785 Schedule 40 PVC, solid and perforated wall, cell classification 12454-B or 12354-C, wall thickness SDR 35, with solvent weld or elastomeric gasket joints. Deliver, store and handle materials to prevent contamination, segregation, corrosion or damage. Store liquid admixtures to prevent evaporation and freezing. Use aggregate for shotcrete meeting the strength and durability requirements of AASHTO M6/M80, as applicable, and the following gradation requirements: Sieve Size Percent Passing by Weight 1/2" 100 3/8" 90-100 No. 4 70-85 No. 8 100

Proportion the shotcrete to be pumpable with the concrete pump furnished for the work, with a cementing materials content of at least 390 kilograms per cubic meter and water/cement ratio not greater than 0.50. Do not use admixtures unless approved by the Contractor's Engineer. Thoroughly mix admixtures into the shotcrete at the rate specified by the manufacturer. Use only accelerators compatible with the cement used, non-corrosive to steel, and not promoting other detrimental effects such as cracking or excessive shrinkage. The maximum allowable chloride ion content of all ingredients is 0.10% when tested to AASHTO T260. Air entrainment is not required for temporary shotcrete construction facings. Provide shotcrete with a design compressive strength of 2000 psi in 3 days and 4000 psi in 28 days. Batch aggregate and cement by weight or by volume in accordance with the requirements of ASTM C94 or AASHTO M241/ASTM C6

31 32 36 11-0020	SFI	Dry-Mix Reinforced Gunite Note: sold per inch thickness over one square face foot of area (includes reinforcing steel).	8.50	

31 32 36 11-0021 Steel Fiber Reinforcement for use with Launched Soil Nails™, SuperNails®, SuperMicropiles™, Self-Drilling SuperNails® / SuperMicropiles™ *(31 32 36 11-0016)*

31 32 36 11-0022	SFI	Steel Fiber Reinforcement Note: sold per inch thickness over one square face foot of area	1.25	

31 32 36 11-0023 Steel Mesh and Steel Plates for use with Launched Soil Nails™, SuperNails® and Self Drilling SuperNails® *(31 32 36 11-0001)*

Note: Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).

31 32 36 11-0024 Steel Mesh Surface Treatment for use with Launched Soil Nails™, SuperNails® and Self Drilling SuperNails® *(31 32 36 11-0023)*

Note: Furnish Galfan® Coated Steel Mesh for use with Launched Soil Nails™, SuperNails®, or Self Drilling SuperNails® that is a double twisted hexagonal galvanized steel wire mesh manufactured according to ASTM A975-97 guidelines for Double Twisted Hexagonal Mesh Gabions. Alternately, the mesh may be a diamond shaped, three dimensional mesh made with high capacity 3-millimeter diameter wire. Furnish steel plates to connect the mesh to the nail systems described herein. Furnish equipment and incidentals necessary to complete the work. Soil Nail to mesh connection details will be determined by the Contractor's Engineer and identified in the Contractor's stamped plans and submittals.

31 32 36 11-0025	SF	High Capacity Diamond Mesh Note: sold per square face foot	11.00	
31 32 36 11-0026	SF	Double Twist Wire Mesh Note: sold per square face foot	13.75	

31 32 36 11-0027 Steel Plates *(31 32 36 11-0023)*

31 32 36 11-0028	EA	Galvanized Steel Plates (8x8)	35.00	
31 32 36 11-0029	EA	Galvanized Steel Plates (10x10)	54.75	
31 32 36 11-0030	EA	Galvanized Steel Plates (12x12)	78.75	
31 32 36 11-0031	EA	Epoxy Coated Steel Plates (8x8)	76.00	
31 32 36 11-0032	EA	Epoxy Coated Steel Plates (10x10)	89.25	
31 32 36 11-0033	EA	Epoxy Coated Steel Plates (12x12)	105.25	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 32 36 11-0034		Drilled Horizontal Drains *(31 32 36 11-0001)*		
		Note: Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).		
31 32 36 11-0035	LF	Drilled PVC Horizontal Drains (up to 2" Diameter)	26.00	
31 32 36 11-0036	LF	Stripdrain - 6" Wide	3.25	
31 32 36 11-0037	LF	Stripdrain - 12" Wide	4.00	
31 32 36 11-0038	LF	PVC Drain Collector Pipe System	26.75	
31 32 36 11-0039		Rockfall Stabilization *(31 32 36 11-0001)*		
		Note: Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).		
31 32 36 11-0040	SF	Scaling	3.75	
31 32 36 11-0041	SF	Trim Blasting	155.00	
31 32 36 11-0042	SY	Slope Drape - Double Twist Wire Mesh	45.00	
31 32 36 11-0043	SY	Slope Drape - Cable Net	135.00	
31 32 36 11-0044	SY	Slope Drape - Tecco Mesh (4mm)	135.00	
31 32 36 11-0045	LF	Temporary Rockfall Barrier	500.00	
31 32 36 11-0046	LF	Low Reach Drilling (<25 feet)	25.00	
31 32 36 11-0047	LF	High Reach Drilling (>25 feet)	45.00	
31 32 36 11-0048	LF	Limited Access Drilling	100.00	
31 32 36 11-0049	LF	F&I Rock Dowel - #8 Grade 75 All-Thread Bar (Galvanized)	18.50	
31 32 36 11-0050	LF	F&I Rock Dowel - #8 Grade 75 All-Thread Bar (Epoxy Coated)	15.25	
31 32 36 11-0051	LF	F&I Rock Dowel - #8 Grade 150 All-Thread Bar (Galvanized)	23.25	
31 32 36 11-0052	LF	F&I Rock Dowel - #8 Grade 150 All-Thread Bar (Epoxy Coated)	17.25	
31 32 36 11-0053	LF	F&I Rock Dowel - #10 Grade 75 All-Thread Bar (Galvanized)	23.50	
31 32 36 11-0054	LF	F&I Rock Dowel - #10 Grade 75 All-Thread Bar (Epoxy Coated)	18.75	
31 32 36 11-0055	LF	F&I Rock Dowel - #10 Grade 150 All-Thread Bar (Galvanized)	26.50	
31 32 36 11-0056	LF	F&I Rock Dowel - #10 Grade 150 All-Thread Bar (Epoxy Coated)	21.00	
31 32 36 11-0057	LF	F&I Rock Dowel - #11 Grade 75 All-Thread Bar (Galvanized)	29.25	
31 32 36 11-0058	LF	F&I Rock Dowel - #11 Grade 75 All-Thread Bar (Epoxy Coated)	21.00	
31 32 36 11-0059	LF	F&I Rock Dowel - #11 Grade 150 All-Thread Bar (Galvanized)	34.50	
31 32 36 11-0060	LF	F&I Rock Dowel - #11 Grade 150 All-Thread Bar (Epoxy Coated)	31.75	
31 32 36 11-0061	EA	Rock Anchor Testing	825.00	
31 32 36 11-0062		Mobilization / Demobilization *(31 32 36 11-0001)*		
31 32 36 11-0063	EA	Mobilization - In State	10,000.00	
31 32 36 11-0064	EA	Mobilization - Out Of State	25,000.00	
31 32 36 11-0065	EA	Mobilization - Specialty Equipment Adder	9,800.00	
31 32 36 11-0066		Daily Crew Rates (DCR) *(31 32 36 11-0001)*		
31 32 36 11-0067	DAY	Soils Stabilization Crew - DCR , Per Workday	13,150.00	
31 32 36 11-0068	DAY	Rockfall Stabilization Crew - DCR, Per Workday	15,200.00	
31 32 36 11-0069	DAY	Compaction Grouting Crew - DCR, Per Workday	12,925.00	
31 32 36 11-0070	DAY	Additional Crew Member/Crew - DCR, Per Workday	2,050.00	
31 32 36 11-0071	EA	Out of State Crew Rotation	4,950.00	
31 32 36 11-0072	EA	Spider Excavation	5,500.00	
31 32 36 13		**Driven Soil Nailing** *(31 32 36)*		
31 32 36 13-0001		Large Diameter Micropiles *(31 32 36 13)*		
		Note: Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).		
31 32 36 13-0002	LF	5" Micropiles (with up to 5.5" steel casing)	94.50	
31 32 36 13-0003	LF	7" Micropiles (with up to 7.625" steel casing)	130.25	
31 32 36 13-0004	LF	10" Micropiles (with up to 9.625" steel casing)	166.50	
31 32 36 13-0005	LF	12" Micropiles (with up to 11.875" steel casing)	213.25	
31 32 36 16		**Grouted Soil Nailing** *(31 32 36)*		
31 32 36 16-0001		Grouting *(31 32 36 16)*		
		Note: Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

31 32 36 16-0002 Compaction Grouting *(31 32 36 16-0001)*

Note: A. Furnish compaction grout material manufactured on-site (at the project location) in volumetric batching equipment so that grout rheology can be controlled real-time. The grout shall have a slump of 0.50" to 3.0" depending on the specific requirements of the project and shall conform to the engineering plans developed and submitted by the Contractor. Grout components shall consist of Type I/II cement, potable water and aggregate. Fly Ash may be added to the mix per the engineering plans. All aggregate for the compaction grout material shall meet the following requirements: a. 100% passing the 1/2" sieve b. Less than 2% organics c. No bentonite or other clay of medium to high plasticity shall be used. Site conditions and re-leveling requirements shall determine the exact proportions of cement, water and soil. The grout mix shall generally consist of aggregate with up to 12% cement by weight and water to form a very stiff mortar-like mixture. No admixtures shall be used without the Project Manager's approval, and previous testing. Mix design and test results of grout mixture must be submitted and approved by the Project Manager 15 Days prior to the commencement of the work. A. Gradations of the aggregate material to be utilized shall be submitted as part of the submittal process and prior to any work taking place. B. The compaction grouting mixer shall be of a type to ensure complete mixing of the stiff grout, as approved by the Project Manager. The compaction grout mixer shall be of sufficient capacity to continuously deliver grout having a slump of less than 1.5 inches at pressures up to 1,000 psi, at flow rates ranging from 0.1 to 5.0 cubic feet per minute. Gauges shall be provided at the pump and the grout pipe head to measure pressure the rate of flow. Type and location of gauges shall be as specified by the Contractor. A dial gauge or meter capable of measuring to 0.5 cubic feet or less shall be provided to measure the amount of grout pumped into the hole. A pressure gauge shall be graduated in 10-psi increments or less and used to measure the applied pressure. Compaction grout hose shall have a minimum inside diameter of 2 inches with non-restrictive full flow couplings. The hose shall be of sufficient strength for the pressures anticipated, and shall be in good condition.

31 32 36 16-0003	LF	Compaction Grouting Casing Installation	52.75	
31 32 36 16-0004	CF	Compaction Grout Injection for Soils Densification	55.50	
31 32 36 16-0005	CF	Compaction Grout For Void Fill	39.00	

31 32 36 16-0006 Polyurethane Grouting *(31 32 36 16-0001)*

Note: The material shall be a two part 1:1 ratio by volume, polyurethane-forming mixture, having a water insoluble diluent, which permits the formation of polyurethanes in excess water. The material shall reach 90% Compressive strength in 30 minutes such that traffic may be returned to roadway within 30 minutes after last injection of material. Polyurethane Free-rise Physical Properties Property I Units ASTM Minimum Maximum Density - lb/cf D 1622 3.0 lb/cf 6.0 lb/cf Tensile Strength - psi D 1623 80 psi Compressive Strength at Yield Point - psi D 1621 60 psi Furnish equipment and incidentals necessary to complete the work. Polyurethane grout shall not be used for deep injection (deeper than 3' below bottom of structure) or soils densification, it shall only be used for void filling under structures and for re-leveling. The Contractor shall prepare a profile to determine the areas that require void filling and re-leveling and determine the locations of the injection holes for each treated area. The Contractor shall obtain approval for the final proposed grades and the location of injection holes. The Contractor shall submit a plan for approval of the proposed polyurethane injection methods for the designated project areas. The plan shall include, but not be limited to: proposed diameter of casing (if required), depth of placement, angle of inclination, injection tube spacing, and project staging. The plan shall include monitoring procedures to ensure that damage will not occur to any existing structures due to the injection process. Monitoring devices shall be installed on mechanically stabilized earth retaining systems and between approach slabs and approach slab footings or other components to help prevent damage. The Contractor shall drill a pattern of holes as proposed in his plan. The holes shall be located in a manner that the void filling and structure lifting process does not affect any adjoining structures, such as mechanically stabilized earth retaining walls. Holes shall not be drilled within 4" of the edge of the slab, construction joints or major cracks. No more holes shall be drilled and tubes installed during the day than can be filled during that day. On bridge approach and roadway projects, and as applicable, the initial lift shall be at the sleeper footer. The Contractor shall lift the sleeper footer and the approach slab to the desired elevation by injecting material under the structures with care to assure that polyurethane material is not placed between the sleeper footer and the approach slab. The amount of rise shall be controlled by regulating the rate of injection of the high density polyurethane material. When the nozzle is removed from the hole, any excessive polyurethane material shall be removed from the area.

31 32 36 16-0007	LB	Polyurethane Grouting For Void Fill and Re-Leveling	11.50	

31 32 36 19 Corrosion-Protected Soil Nailing *(31 32 36)*

31 32 36 19-0001 Self-Drilling SuperNails® / SuperMicropiles™ *(31 32 36 19)*

Note: Furnish Self-Drilling SuperNails® / SuperMicropiles™ that consist of a hollow, threaded bar with a sacrificial drill bit. Multiple bars may be coupled to produce final length. Bar thread pattern should be continuous and conform to the pullout requirements of ASTM A 615 (Williams Form Engineering B7X or Ischebeck Titan bars, or approved equivalent). R-thread bars, bars/couplers made from high carbon (>0.20%) or high phosphorous (>0.06%) steels, or bars/couplers made from steels that do not meet the tensile ductility requirements of ASTM A 615 shall not be used for any tensile applications. Bar outer diameters shall be a minimum of 1.5 inches and up to and 3 inches depending on design load. Corrosion Protection for Self Drilling Nails shall follow current FHWA guidance. Inserted length and spacing of Self-Drilling SuperNails® / SuperMicropiles™ will be determined by the Contractor's Engineer and identified in the Contractor's stamped plans and submittals. Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).

31 32 36 19-0002 Self-Drilling SuperNails® *(31 32 36 19-0001)*

31 32 36 19-0003	EA	Self Drilling SuperNails® Up To 10 Ft. Length	559.00	
31 32 36 19-0004	EA	Self Drilling SuperNails® Up To 20 Ft. Length	939.25	
31 32 36 19-0005	EA	Self Drilling SuperNails® Up To 30 Ft. Length	1,305.75	
31 32 36 19-0006	EA	Self Drilling SuperNails® Up To 40 Ft. Length	1,735.75	
31 32 36 19-0007	EA	Self Drilling SuperNails® Up To 50 Ft. Length	2,119.75	
31 32 36 19-0008	EA	Self Drilling SuperNails® Up To 60 Ft. Length	2,459.25	
31 32 36 19-0009	EA	Self Drilling SuperNails® Up To 70 Ft. Length	2,879.25	
31 32 36 19-0010	EA	Self Drilling SuperNails® Up To 80 Ft. Length	3,253.50	
31 32 36 19-0011	EA	Additional Cost for 10' High Capacity X-51 Bar	129.50	

31 32 36 19-0012 SuperNail® Testing *(31 32 36 19)*

Note: Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 32 36 19-0013	EA	SuperNail® Proof Testing	769.00	
31 32 36 19-0014	EA	SuperNail® Verification Testing	2,339.75	

31 32 36 26 Launched Soil Nailing *(31 32 36)*

31 32 36 26-0001 Launched SuperDrain™ (Horizontal Drains) *(31 32 36 26)*

Note: Furnish Launched SuperDrain™ up to 20 feet in length composed of a tube (1.5 inch outside diameter, 0.120 inch wall thickness hot-dipped galvanized 36ksi steel (ASTM A513) that is mechanically deformed or GalvaDized™ to produce a plurality of surficial asperities). Drainage perforations consist of 0.5-inch diameter holes drilled or torch-cut at 6 inch spacing along the distal 5 feet of nail. Every other hole is rotated 90° about the longitudinal axis of the nail. Furnish equipment and incidentals necessary to complete the work. Insert Launched SuperDrain™ with a single stroke at initial velocities in excess of 200 miles per hour. Inserted length and spacing will be determined by the Contractor's Engineer and identified in the Contractor's stamped plans and submittals. Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).

31 32 36 26-0002	EA	GalvaDized™ SuperDrain™ - Up To 20'	605.00	
		Note: perforated GalvaDized™ steel tube up to 20 ft. length.		
31 32 36 26-0003	EA	Fiberglass SuperNail® - Up To 20'	621.50	
		Note: perforated fiberglass tube up to 20 ft. length, pressure grouted with #6 epoxy coated inner Bar.		
31 32 36 26-0004	EA	GalvaDized™ SuperNail® - Up To 20'	478.50	
		Note: perforated GalvaDized™ steel tube up to 20 ft. length, pressure grouted with #6 epoxy coated inner Bar.		
31 32 36 26-0005	EA	Temporary Launched Soil Nail	379.50	
		Note: bare steel tube up to 20 ft. length.		
31 32 36 26-0006	EA	Fiberglass SuperDrain™	495.00	
		Note: perforated fiberglass tube up to 20 ft. length.		
31 32 36 26-0007	EA	GalvaDized™ SuperDrain™	379.50	
		Note: perforated GalvaDized™ steel tube up to 20 ft. length.		

31 32 36 29 Drilled Soil Nailing *(31 32 36)*

31 32 36 29-0001 Drilled SuperNails® (Permanently Cased Soil Nails) *(31 32 36 29)*

Note: Furnish SuperNails® that are a three stage construction including installation of (1) an outer tube (1.5 inch outside diameter, 0.120 inch wall thickness hot-dipped galvanized steel tube that is mechanically deformed or GalvaDized™ to produce a plurality of surficial asperities); (2) neat cement grout that completely encases and fills the outer tube; and (3) immediately install an epoxy coated, #6 (or greater) grade 75 thread bar as the inner bar. SuperNails® may be in lengths up to 60 feet. Although field adjustments in design may be allowed on certain projects (subject to approval by the Contractor's Engineer and the Owner) bidding an equivalent system is not allowed (i.e. the winning bidder must have the ability to install the above system). Furnish equipment and incidentals necessary to complete the work. Insert SuperNail® outer tubes with a single stroke at initial velocities in excess of 200 miles per hour or by drilling a hole to a prescribed depth and inserting the outer tube. Fill the outer tube with neat cement grout and immediately insert a #6 or larger epoxy coated inner thread bar. Inserted length and spacing will be determined by the Contractor's Engineer and identified in the Contractor's stamped plans and submittals. Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).

31 32 36 29-0002	EA	Drilled GalvaDized™ SuperNail® Up To 10 Ft. Length	602.25	
		Note: GalvaDized™ steel tube, drilled and grouted with #6 epoxy coated inner Bar.		
31 32 36 29-0003	EA	Drilled GalvaDized™ SuperNail® Up To 20 Ft. Length	693.50	
		Note: GalvaDized™ steel tube, drilled and grouted with #6 epoxy coated inner Bar.		
31 32 36 29-0004	EA	Drilled GalvaDized™ SuperNail® Up To 30 Ft. Length	921.50	
		Note: GalvaDized™ steel tube, drilled and grouted with #6 epoxy coated inner Bar.		
31 32 36 29-0005	EA	Drilled GalvaDized™ SuperNail® Up To 40 Ft. Length	1,056.00	
		Note: GalvaDized™ steel tube, drilled and grouted with #6 epoxy coated inner Bar.		
31 32 36 29-0006	EA	Drilled GalvaDized™ SuperNail® Up To 50 Ft. Length	1,171.50	
		Note: GalvaDized™ steel tube, drilled and grouted with #6 epoxy coated inner Bar.		
31 32 36 29-0007	EA	Drilled GalvaDized™ SuperNail® Up To 60 Ft. Length	1,376.50	
		Note: GalvaDized™ steel tube, drilled and grouted with #6 epoxy coated inner Bar.		
31 32 36 29-0008	EA	Drilled GalvaDized™ SuperNail® Up To 70 Ft. Length	1,624.75	
		Note: GalvaDized™ steel tube, drilled and grouted with #6 epoxy coated inner Bar.		
31 32 36 29-0009	EA	Drilled GalvaDized™ SuperNail® Up To 80 Ft. Length	1,872.75	
		Note: GalvaDized™ steel tube, drilled and grouted with #6 epoxy coated inner Bar.		

31 32 36 33 Drilled / Launched Soil Nailing *(31 32 36)*

31 32 36 33-0001 Drilled / Launched SuperMicropiles™ *(31 32 36 33)*

Note: Furnish SuperMicropiles™ that are a three stage construction including installation of (1) an outer tube (1.5 inch outside diameter, 0.120 inch wall thickness hot-dipped galvanized steel tube that is mechanically deformed or GalvaDized™ to produce a plurality of surficial asperities); (2) neat cement grout that completely encases and fills the outer tube; and (3) immediately install an epoxy coated, #6 (or greater) grade 75 thread bar as the inner bar. SuperMicropiles™ may be in lengths up to 60 feet. Although field adjustments in design may be allowed on certain projects (subject to approval by the Contractor's Engineer and the Owner) bidding an equivalent system is not allowed (i.e. the winning bidder must have the ability to install the above system). Furnish equipment and incidentals necessary to complete the work. Insert SuperMicropile™ outer tubes with a single stroke at initial velocities in excess of 200 miles per hour or by drilling a hole to a prescribed depth and inserting the outer tube. Fill the outer tube with neat cement grout and immediately insert a #6 or larger epoxy coated inner thread bar. Inserted length and spacing will be determined by the Contractor's Engineer and identified in the Contractor's stamped plans and submittals.

31 32 36 33-0002	EA	Drilled / Launched GalvaDized™ SuperMicropiles™ Up To 20 Ft. Length	695.00	
		Note: GalvaDized™ steel tube, grouted with #6 epoxy coated inner Bar.		
31 32 36 33-0003	EA	Drilled / Launched GalvaDized™ SuperMicropiles™ Up To 30 Ft. Length	1,020.00	
		Note: GalvaDized™ steel tube, grouted with #6 epoxy coated inner Bar.		
31 32 36 33-0004	EA	Drilled / Launched GalvaDized™ SuperMicropiles™ Up To 40 Ft. Length	1,280.00	
		Note: GalvaDized™ steel tube, grouted with #6 epoxy coated inner Bar.		
31 32 36 33-0005	EA	Drilled / Launched GalvaDized™ SuperMicropiles™ Up To 50 Ft. Length	1,540.00	
		Note: GalvaDized™ steel tube, grouted with #6 epoxy coated inner Bar.		

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

31 35 Slope Protection *(31 30)*

31 35 19 Geosynthetic Slope Protection *(31 35)*

31 35 19 19 Slope Protection with Mulch Control Netting *(31 35 19)*

Note: Includes stakes.

31 35 19 19-0001 Erosion Control Fabric *(31 35 19 19)*

31 35 19 19-0002	SY	26.6 OZ/SY Erosion Control Fabric (Belton Industries Geocoir 900)	5.60	

31 36 Gabions *(31 30)*

Note: Includes the cost for loading, hauling up to 15 miles from the closest approved source, unloading and placing. See CSI section 01 74 19 00-0040 for hauling greater than 15 miles.

31 36 13 Gabion Boxes *(31 36)*

31 36 13 00-0001 Stone Filled Gabion Slope Protection *(31 36 13)*

Note: Machine placed by SY of total top face area for depth indicated.

31 36 13 00-0002	SY	6" Deep Stone Filled Gabion Slope Protection	78.76	
31 36 13 00-0003	SY	9" Deep Stone Filled Gabion Slope Protection	92.84	
31 36 13 00-0004	SY	12" Deep Stone Filled Gabion Slope Protection	111.68	
31 36 13 00-0005	SY	15" Deep Stone Filled Gabion Slope Protection	132.05	
31 36 13 00-0006	SY	18" Deep Stone Filled Gabion Slope Protection	155.11	
31 36 13 00-0007	SY	24" Deep Stone Filled Gabion Slope Protection	212.19	
31 36 13 00-0008	SY	36" Deep Stone Filled Gabion Slope Protection	268.10	

31 37 Riprap *(31 30)*

Note: Includes the cost for loading, hauling up to 15 miles from the closest approved source, and dumping. See CSI section 01 74 19 00-0040 for hauling greater than 15 miles.

31 37 13 Machined Riprap *(31 37)*

31 37 13 00-0001 Random - Filter Stone *(31 37 13)*

31 37 13 00-0002	CY	10 To 50 Lb. Average Pieces Random, Dumped From Truck, Rip Rap	86.86	
		For Chinking Material, Add		*14.19*
31 37 13 00-0003	CY	>50 To 100 Lb. Average Pieces Random, Dumped From Truck, Rip Rap	101.73	
		For Chinking Material, Add		*14.19*
31 37 13 00-0004	CY	>100 To 200 Lb. Average Pieces Random, Dumped From Truck, Rip Rap	108.74	
		For Chinking Material, Add		*14.19*
31 37 13 00-0005	CY	>200 To 300 Lb. Average Pieces Random, Dumped From Truck, Rip Rap	116.72	
		For Chinking Material, Add		*14.19*
31 37 13 00-0006	CY	>300 To 600 Lb. Average Pieces Random, Dumped From Truck, Rip Rap	123.15	
		For Chinking Material, Add		*14.19*
31 37 13 00-0007	CY	>600 Lb. Average Pieces Random, Dumped From Truck, Rip Rap	133.67	
31 37 13 00-0008	CY	3/8 To 1/4 CY Pieces Random, Dumped From Truck, Machine Spread And Placed Slope Protection (Keyed) Rip Rap	152.76	
31 37 13 00-0009	TON	10 To 50 Lb. Average Pieces Random, Dumped From Truck, Rip Rap	57.09	
31 37 13 00-0010	TON	>50 To 100 Lb. Average Pieces Random, Dumped From Truck, Rip Rap	66.53	
31 37 13 00-0011	TON	>100 To 200 Lb. Average Pieces Random, Dumped From Truck, Rip Rap	70.98	
31 37 13 00-0012	TON	>200 To 300 Lb. Average Pieces Random, Dumped From Truck, Rip Rap	76.04	
31 37 13 00-0013	TON	>300 To 600 Lb. Average Pieces Random, Dumped From Truck, Rip Rap	80.13	
31 37 13 00-0014	TON	>600 Lb. Average Pieces Random, Dumped From Truck, Rip Rap	86.88	
31 37 13 00-0015	TON	3/8 To 1/4 CY Pieces Random, Dumped From Truck, Machine Spread And Placed Slope Protection (Keyed) Rip Rap	102.33	

31 37 16 Non-Machined Riprap *(31 37)*

31 37 16 13 Rubble-Stone Riprap *(31 37 16)*

31 37 16 13-0001 Rock Slope Protection *(31 37 16 13)*

31 37 16 13-0002	TON	1 Lb. Average Pieces Random, Dumped From Truck, Rock Slope Protection	51.52	
31 37 16 13-0003	TON	5 Lb. Average Pieces Random, Dumped From Truck, Rock Slope Protection	54.86	
31 37 16 13-0004	TON	25 Lb. Average Pieces Random, Dumped From Truck, Rock Slope Protection	57.09	
31 37 16 13-0005	TON	75 Lb. Average Pieces Random, Dumped From Truck, Rock Slope Protection	66.53	
31 37 16 13-0006	TON	200 Lb. Average Pieces Random, Dumped From Truck, Rock Slope Protection	70.98	
31 37 16 13-0007	TON	1/4 Ton Average Pieces Random, Dumped From Truck, Rock Slope Protection	80.13	
31 37 16 13-0008	TON	1 Ton Average Pieces Random, Dumped From Truck, Rock Slope Protection	86.88	
31 37 16 13-0009	TON	2 Ton Average Pieces Random, Dumped From Truck, Rock Slope Protection	94.31	
31 37 16 13-0010	TON	4 Ton Average Pieces Random, Dumped From Truck, Rock Slope Protection	105.46	

31 40 Shoring and Underpinning *(31)*

31 41 Shoring *(31 40)*

31 41 13 Timber Shoring *(31 41)*

31 41 13 00-0001 Wood Sheet Piling *(31 41 13)*

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 41 13 00-0002			**Pull And Salvage** *(31 41 13 00-0001)* Note: Includes soldier beams and lagging (wales, braces and spacers). Excludes tie-back (rock bolting) where required and excavation.		
	31 41 13 00-0003	SF	8' Deep Excavation, Wood Shoring, Pull And Salvage	15.25	
			For Wood Sheeting Left In Place	*-1.44*	
	31 41 13 00-0004	SF	10' Deep Excavation, Wood Shoring, Pull And Salvage	16.51	
			For Wood Sheeting Left In Place	*-1.68*	
	31 41 13 00-0005	SF	12' Deep Excavation, Wood Shoring, Pull And Salvage	17.87	
			For Wood Sheeting Left In Place	*-1.94*	
	31 41 13 00-0006	SF	14' Deep Excavation, Wood Shoring, Pull And Salvage	19.36	
			For Wood Sheeting Left In Place	*-2.24*	
	31 41 13 00-0007	SF	16' Deep Excavation, Wood Shoring, Pull And Salvage	20.99	
			For Wood Sheeting Left In Place	*-2.56*	
	31 41 13 00-0008	SF	18' Deep Excavation, Wood Shoring, Pull And Salvage	22.73	
			For Wood Sheeting Left In Place	*-2.93*	
	31 41 13 00-0009	SF	20' Deep Excavation, Wood Shoring, Pull And Salvage	24.65	
			For Wood Sheeting Left In Place	*-3.33*	

31 41 16 Sheet Piling *(31 41)*

31 41 16 13 Steel Sheet Piling *(31 41 16)*

31 41 16 13-0001			**Standard Carbon Grade Steel Sheeting - Pull And Salvage** *(31 41 16 13)* Note: Up to 3 months. 38.5 KSI steel per SF minimum. PSF indicated is for the weight of the material per square foot. Includes soldier beams and lagging (wales, braces and spacers). Excludes tie-back (rock bolting) where required and excavation.		
	31 41 16 13-0002	TON	Driven Steel Sheet Piling, 15' Excavation, 22 PSF Steel Sheeting, Pull And Salvage	2,136.15	
			For Standard Sheeting Left In Place, Add	*1,369.68*	
			For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add	*1,321.89*	
			For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add	*107.55*	
			For High Strength Sheeting 55,000 PSI Grade, Add	*119.50*	
			For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add	*370.44*	
			For Each Additional Month >3 Months, Add	*59.75*	
	31 41 16 13-0003	TON	Driven Steel Sheet Piling, 20' Excavation, 27 PSF Steel Sheeting, Pull And Salvage	2,219.04	
			For Standard Sheeting Left In Place, Add	*1,328.24*	
			For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add	*1,280.44*	
			For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add	*107.55*	
			For High Strength Sheeting 55,000 PSI Grade, Add	*119.50*	
			For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add	*370.44*	
			For Each Additional Month >3 Months, Add	*59.75*	
	31 41 16 13-0004	TON	Driven Steel Sheet Piling, 25' Excavation, 38 PSF Steel Sheeting, Pull And Salvage	2,604.43	
			For Standard Sheeting Left In Place, Add	*1,135.54*	
			For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add	*1,087.75*	
			For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add	*107.55*	
			For High Strength Sheeting 55,000 PSI Grade, Add	*119.50*	
			For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add	*370.44*	
			For Each Additional Month >3 Months, Add	*59.75*	
	31 41 16 13-0005	TON	Driven Steel Sheet Piling, 30' Excavation, 38 PSF Steel Sheeting, Pull And Salvage	2,975.28	
			For Standard Sheeting Left In Place, Add	*950.12*	
			For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add	*902.32*	
			For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add	*107.55*	
			For High Strength Sheeting 55,000 PSI Grade, Add	*119.50*	
			For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add	*370.44*	
			For Each Additional Month >3 Months, Add	*59.75*	
	31 41 16 13-0006	TON	Driven Steel Sheet Piling, 35' Excavation, 38 PSF Steel Sheeting, Pull And Salvage	3,193.43	
			For Standard Sheeting Left In Place, Add	*841.04*	
			For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add	*793.25*	
			For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add	*107.55*	
			For High Strength Sheeting 55,000 PSI Grade, Add	*119.50*	
			For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add	*370.44*	
			For Each Additional Month >3 Months, Add	*59.75*	
	31 41 16 13-0007	TON	Driven Steel Sheet Piling, 40' Excavation, 38 PSF Steel Sheeting, Pull And Salvage	3,415.94	
			For Standard Sheeting Left In Place, Add	*729.79*	
			For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add	*681.99*	
			For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add	*107.55*	
			For High Strength Sheeting 55,000 PSI Grade, Add	*119.50*	
			For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add	*370.44*	
			For Each Additional Month >3 Months, Add	*59.75*	
31 41 16 13-0008			**Steel Shoring Plates** *(31 41 16 13)*		
	31 41 16 13-0009	EA	1/2" x 12" x 12" Steel Plate For Shoring	39.80	

31 43 Concrete Raising *(31 40)*

31 43 13 Pressure Grouting *(31 43)*

31 43 13 16 Polyurethane Pressure Grouting *(31 43 13)*

31 43 13 16-0001			**PolyLift™ Concrete Injection For Lifting And Leveling** *(31 43 13 16)*		
	31 43 13 16-0002	EA	Mobilization PolyLift™ Concrete Lifting And Leveling Minimum Charge	3,603.47	
	31 43 13 16-0003	LB	Up To 1,000 Lb. PolyLift™ Concrete Injection For Lifting And Leveling Note: Per pound of material.	32.07	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 43 13 16-0004	LB	>1,000 Lb. PolyLift™ Concrete Injection For Lifting And Leveling Note: Per pound of material.	26.86	

31 45 Vibroflotation and Densification *(31 40)*

31 45 13 Vibroflotation *(31 45)*

31 45 13 00-0001	LCY	Soil Stabilization, Vibroflotation	18.08	

31 50 Excavation Support and Protection *(31)*

31 52 Cofferdams *(31 50)*

31 52 21 Portable Cofferdams *(31 52)*

31 52 21 00-0001 Portable Cofferdams *(31 52 21)*
Note: Excludes dewatering and pumps.

31 52 21 00-0002 Portable Cofferdam Rental *(31 52 21 00-0001)*
Note: Excludes delivery and installation.

31 52 21 00-0003	LF	3' High x 7' Width, Portable Cofferdam, Rental Per Month Note: Minimum 40'	51.69	
31 52 21 00-0004	LF	4' High x 9' Width, Portable Cofferdam, Rental Per Month Note: Minimum 40'	66.16	
31 52 21 00-0005	LF	5' High x 11' Width, Portable Cofferdam, Rental Per Month Note: Minimum 40'	93.04	
31 52 21 00-0006	LF	6' High x 13' Width, Portable Cofferdam, Rental Per Month Note: Minimum 40'	119.92	
31 52 21 00-0007	LF	8' High x 17' Width, Portable Cofferdam, Rental Per Month Note: Minimum 40'	155.06	
31 52 21 00-0008	LF	10' High x 21' Width, Portable Cofferdam, Rental Per Month Note: Minimum 40'	310.12	
31 52 21 00-0009	LF	12' High x 25' Width, Portable Cofferdam, Rental Per Month Note: Minimum 40'	434.18	
31 52 21 00-0010	LF	16' High x 33' Width, Portable Cofferdam, Rental Per Month Note: Minimum 40'	614.05	

31 52 21 00-0011 Portable Cofferdam Delivery And Set-up *(31 52 21 00-0001)*
Note: Excludes crane usage where required. See CSI section 01 22 23 00-0788 for crane lifting equipment.

31 52 21 00-0012	LF	Up To 5' High, Portable Cofferdam, Delivery And Set-up In Dynamic (Rivers Or Streams) Water	12.88	
31 52 21 00-0013	LF	6' To 8' High, Portable Cofferdam, Delivery And Set-up In Dynamic (Rivers Or Streams) Water	20.60	
31 52 21 00-0014	LF	10' To 12' High, Portable Cofferdam, Delivery And Set-up In Dynamic (Rivers Or Streams) Water	30.90	
31 52 21 00-0015	LF	16' High, Portable Cofferdam, Delivery And Set-up In Dynamic (Rivers Or Streams) Water	41.21	
31 52 21 00-0016	LF	Up To 5' High, Portable Cofferdam, Delivery And Set-up In Static (Lakes Or Ponds) Water	7.72	
31 52 21 00-0017	LF	6' To 8' High, Portable Cofferdam, Delivery And Set-up In Static (Lakes Or Ponds) Water	12.88	
31 52 21 00-0018	LF	10' To 12' High, Portable Cofferdam, Delivery And Set-up In Static (Lakes Or Ponds) Water	20.60	
31 52 21 00-0019	LF	16' High, Portable Cofferdam, Delivery And Set-up In Static (Lakes Or Ponds) Water	28.33	

31 52 21 00-0020 Portable Cofferdam Repositioning *(31 52 21 00-0001)*

31 52 21 00-0021	LF	Up To 5' High, Portable Cofferdam, Repositioning	6.44	
31 52 21 00-0022	LF	6' To 8' High, Portable Cofferdam, Repositioning	10.30	
31 52 21 00-0023	LF	10' To 12' High, Portable Cofferdam, Repositioning	15.45	
31 52 21 00-0024	LF	16' High, Portable Cofferdam, Repositioning	20.60	

31 60 Special Foundations and Load-bearing Elements *(31)*

31 62 Driven Piles *(31 60)*

31 62 13 Concrete Piles *(31 62)*

31 62 13 23 Prestressed Concrete Piles *(31 62 13)*

31 62 13 23-0001 Square Prestressed Driven Concrete Piles *(31 62 13 23)*

31 62 13 23-0002	VLF	10" Square Prestressed Driven Concrete Pile	35.14	
		For Piles Driven In Water, Add		*16.02*
31 62 13 23-0003	VLF	12" Square Prestressed Driven Concrete Pile	44.41	
		For Piles Driven In Water, Add		*18.11*
31 62 13 23-0004	VLF	14" Square Prestressed Driven Concrete Pile	54.16	
		For Piles Driven In Water, Add		*20.01*
31 62 13 23-0005	VLF	16" Square Prestressed Driven Concrete Pile	66.71	
		For Piles Driven In Water, Add		*22.30*
31 62 13 23-0006	VLF	18" Square Prestressed Driven Concrete Pile	81.32	
		For Piles Driven In Water, Add		*24.96*
31 62 13 23-0007	VLF	20" Square Prestressed Driven Concrete Pile	94.27	
		For Piles Driven In Water, Add		*27.66*
31 62 13 23-0008	VLF	24" Square Prestressed Driven Concrete Pile	120.78	
		For Piles Driven In Water, Add		*31.97*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 62 13 23-0009		Octagonal Prestressed Driven Concrete Piles *(31 62 13 23)*		
31 62 13 23-0010	VLF	12" Octagonal Prestressed Driven Concrete Pile	39.67	
		For Piles Driven In Water, Add	*16.84*	
31 62 13 23-0011	VLF	14" Octagonal Prestressed Driven Concrete Pile	49.01	
		For Piles Driven In Water, Add	*18.57*	
31 62 13 23-0012	VLF	16" Octagonal Prestressed Driven Concrete Pile	58.49	
		For Piles Driven In Water, Add	*20.44*	
31 62 13 23-0013	VLF	18" Octagonal Prestressed Driven Concrete Pile	70.22	
		For Piles Driven In Water, Add	*22.66*	
31 62 13 23-0014	VLF	20" Octagonal Prestressed Driven Concrete Pile	74.71	
		For Piles Driven In Water, Add	*24.30*	
31 62 13 23-0015	VLF	24" Octagonal Prestressed Driven Concrete Pile	79.45	
		For Piles Driven In Water, Add	*26.18*	
31 62 13 23-0016		Straight Cylinder Prestressed Driven Concrete Piles *(31 62 13 23)*		
31 62 13 23-0017	VLF	12" Diameter, 2-3/8" Wall, Straight Cylinder Prestressed Driven Concrete Pile	57.95	
		For Piles Driven In Water, Add	*17.95*	
31 62 13 23-0018	VLF	14" Diameter, 2-1/2" Wall, Straight Cylinder Prestressed Driven Concrete Pile	68.89	
		For Piles Driven In Water, Add	*19.76*	
31 62 13 23-0019	VLF	16" Diameter, 3" Wall, Straight Cylinder Prestressed Driven Concrete Pile	81.85	
		For Piles Driven In Water, Add	*21.86*	
31 62 13 23-0020	VLF	18" Diameter, 3-1/2" Wall, Straight Cylinder Prestressed Driven Concrete Pile	92.75	
		For Piles Driven In Water, Add	*23.86*	
31 62 13 23-0021	VLF	20" Diameter, 4" Wall, Straight Cylinder Prestressed Driven Concrete Pile	116.95	
		For Piles Driven In Water, Add	*27.33*	
31 62 13 23-0022	VLF	24" Diameter, 5" Wall, Straight Cylinder Prestressed Driven Concrete Pile	144.89	
		For Piles Driven In Water, Add	*31.32*	
31 62 16		**Steel Piles** *(31 62)*		
31 62 16 16		**Steel H Piles** *(31 62 16)*		
31 62 16 16-0001		Rolled, Driven Steel H Piles *(31 62 16 16)*		
31 62 16 16-0002	VLF	8" x 8" x 36 Lb./FT, Rolled, Driven Steel H Pile	35.04	
		For Piles Driven In Water, Add	*17.18*	
31 62 16 16-0003	VLF	10" x 10" x 42 Lb./FT, Rolled, Driven Steel H Pile	39.11	
		For Piles Driven In Water, Add	*18.27*	
31 62 16 16-0004	VLF	10" x 10" x 57 Lb./FT, Rolled, Driven Steel H Pile	47.38	
		For Piles Driven In Water, Add	*19.09*	
31 62 16 16-0005	VLF	12" x 12" x 53 Lb./FT, Rolled, Driven Steel H Pile	45.65	
		For Piles Driven In Water, Add	*19.34*	
31 62 16 16-0006	VLF	12" x 12" x 63 Lb./FT, Rolled, Driven Steel H Pile	51.16	
		For Piles Driven In Water, Add	*19.89*	
31 62 16 16-0007	VLF	12" x 12" x 74 Lb./FT, Rolled, Driven Steel H Pile	58.60	
		For Piles Driven In Water, Add	*21.87*	
31 62 16 16-0008	VLF	12" x 12" x 84 Lb./FT, Rolled, Driven Steel H Pile	64.11	
		For Piles Driven In Water, Add	*22.42*	
31 62 16 16-0009	VLF	14" x 14" x 73 Lb./FT, Rolled, Driven Steel H Pile	58.49	
		For Piles Driven In Water, Add	*22.26*	
31 62 16 16-0010	VLF	14" x 14" x 89 Lb./FT, Rolled, Driven Steel H Pile	67.86	
		For Piles Driven In Water, Add	*23.19*	
31 62 16 16-0011	VLF	14" x 14" x 102 Lb./FT, Rolled, Driven Steel H Pile	76.00	
		For Piles Driven In Water, Add	*25.38*	
31 62 16 16-0012	VLF	14" x 14" x 117 Lb./FT, Rolled, Driven Steel H Pile	84.82	
		For Piles Driven In Water, Add	*26.26*	
31 62 16 16-0013		Splices, Caps, And Points For H-Piles *(31 62 16 16)*		
31 62 16 16-0014		Rolled Steel H Pile Splices *(31 62 16 16-0013)*		
31 62 16 16-0015	EA	8" Rolled Steel H Pile Splice	335.34	
31 62 16 16-0016	EA	10" Rolled Steel H Pile Splice	374.51	
31 62 16 16-0017	EA	12" Rolled Steel H Pile Splice	514.56	
31 62 16 16-0018	EA	14" Rolled Steel H Pile Splice	534.14	
31 62 16 16-0019		Rolled Steel H Driving Caps *(31 62 16 16-0013)*		
31 62 16 16-0020	EA	8" Rolled Steel H Driving Cap	3,262.15	
31 62 16 16-0021	EA	10" Rolled Steel H Driving Cap	3,262.15	
31 62 16 16-0022	EA	12" Rolled Steel H Driving Cap	3,325.37	
31 62 16 16-0023	EA	14" Rolled Steel H Driving Cap	4,990.13	
31 62 16 16-0024		Rolled Steel H Standard Pile Points *(31 62 16 16-0013)*		
31 62 16 16-0025	EA	8" Rolled Steel H Standard Pile Point	354.93	
31 62 16 16-0026	EA	10" Rolled Steel H Standard Pile Point	374.51	
31 62 16 16-0027	EA	12" Rolled Steel H Standard Pile Point	514.56	
31 62 16 16-0028	EA	14" Rolled Steel H Standard Pile Point	573.31	
31 62 16 16-0029	EA	10" Rolled Steel H Standard Pile Point	514.56	
31 62 16 16-0030	EA	14" Rolled Steel H Standard Pile Point	611.25	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

31 62 16 19 Unfilled Tubular Steel Piles *(31 62 16)*

31 62 16 19-0001 Unfilled Tubular Driven Steel Piles *(31 62 16 19)*

31 62 16 19-0002	VLF	8" Diameter x 29 Lb./FT, Unfilled Tubular Driven Steel Pile	55.62	
		For Piles Driven In Water, Add	*23.07*	
31 62 16 19-0003	VLF	8" Diameter x 36 Lb./FT, Unfilled Tubular Driven Steel Pile	64.66	
		For Piles Driven In Water, Add	*23.97*	
31 62 16 19-0004	VLF	8" Diameter x 43 Lb./FT, Unfilled Tubular Driven Steel Pile	74.42	
		For Piles Driven In Water, Add	*24.95*	
31 62 16 19-0005	VLF	10" Diameter x 34 Lb./FT, Unfilled Tubular Driven Steel Pile	64.66	
		For Piles Driven In Water, Add	*23.97*	
31 62 16 19-0006	VLF	10" Diameter x 41 Lb./FT, Unfilled Tubular Driven Steel Pile	73.25	
		For Piles Driven In Water, Add	*24.83*	
31 62 16 19-0007	VLF	10" Diameter x 55 Lb./FT, Unfilled Tubular Driven Steel Pile	92.23	
		For Piles Driven In Water, Add	*26.73*	
31 62 16 19-0008	VLF	12" Diameter x 42 Lb./FT, Unfilled Tubular Driven Steel Pile	76.33	
		For Piles Driven In Water, Add	*26.06*	
31 62 16 19-0009	VLF	12" Diameter x 50 Lb./FT, Unfilled Tubular Driven Steel Pile	86.38	
		For Piles Driven In Water, Add	*27.06*	
31 62 16 19-0010	VLF	12" Diameter x 54 Lb./FT, Unfilled Tubular Driven Steel Pile	91.97	
		For Piles Driven In Water, Add	*27.62*	
31 62 16 19-0011	VLF	12" Diameter x 65 Lb./FT, Unfilled Tubular Driven Steel Pile	107.61	
		For Piles Driven In Water, Add	*29.18*	
31 62 16 19-0012	VLF	14" Diameter x 46 Lb./FT, Unfilled Tubular Driven Steel Pile	82.49	
		For Piles Driven In Water, Add	*28.61*	
31 62 16 19-0013	VLF	14" Diameter x 55 Lb./FT, Unfilled Tubular Driven Steel Pile	93.87	
		For Piles Driven In Water, Add	*29.75*	
31 62 16 19-0014	VLF	14" Diameter x 64 Lb./FT, Unfilled Tubular Driven Steel Pile	105.25	
		For Piles Driven In Water, Add	*30.88*	
31 62 16 19-0015	VLF	14" Diameter x 72 Lb./FT, Unfilled Tubular Driven Steel Pile	116.62	
		For Piles Driven In Water, Add	*32.02*	
31 62 16 19-0016	VLF	16" Diameter x 52 Lb./FT, Unfilled Tubular Driven Steel Pile	91.76	
		For Piles Driven In Water, Add	*31.91*	
31 62 16 19-0017	VLF	16" Diameter x 63 Lb./FT, Unfilled Tubular Driven Steel Pile	105.07	
		For Piles Driven In Water, Add	*33.24*	
31 62 16 19-0018	VLF	16" Diameter x 83 Lb./FT, Unfilled Tubular Driven Steel Pile	131.00	
		For Piles Driven In Water, Add	*35.83*	
31 62 16 19-0019	VLF	18" Diameter x 59 Lb./FT, Unfilled Tubular Driven Steel Pile	113.80	
		For Piles Driven In Water, Add	*36.04*	
31 62 16 19-0020	VLF	18" Diameter x 71 Lb./FT, Unfilled Tubular Driven Steel Pile	131.07	
		For Piles Driven In Water, Add	*37.77*	
31 62 16 19-0021	VLF	18" Diameter x 93 Lb./FT, Unfilled Tubular Driven Steel Pile	163.90	
		For Piles Driven In Water, Add	*41.05*	

31 62 16 19-0022 Splices And Points For Pipe Piles *(31 62 16 19)*

31 62 16 19-0023 Steel Pipe Pile Splices *(31 62 16 19-0022)*

31 62 16 19-0024	EA	8" Diameter, Steel Pipe Pile Splice	377.42
31 62 16 19-0025	EA	10" Diameter, Steel Pipe Pile Splice	415.75
31 62 16 19-0026	EA	12" Diameter, Steel Pipe Pile Splice	530.87
31 62 16 19-0027	EA	14" Diameter, Steel Pipe Pile Splice	568.67
31 62 16 19-0028	EA	16" Diameter, Steel Pipe Pile Splice	701.57
31 62 16 19-0029	EA	18" Diameter, Steel Pipe Pile Splice	861.11

31 62 16 19-0030 Steel Pipe Standard Pile Points *(31 62 16 19-0022)*

31 62 16 19-0031	EA	8" Diameter, Steel Pipe Standard Pile Point	355.06
31 62 16 19-0032	EA	10" Diameter, Steel Pipe Standard Pile Point	385.75
31 62 16 19-0033	EA	12" Diameter, Steel Pipe Standard Pile Point	441.17
31 62 16 19-0034	EA	14" Diameter, Steel Pipe Standard Pile Point	525.58
31 62 16 19-0035	EA	16" Diameter, Steel Pipe Standard Pile Point	602.32
31 62 16 19-0036	EA	18" Diameter, Steel Pipe Standard Pile Point	690.98

31 62 16 19-0037 Steel Pipe Heavy-Duty Pile Points *(31 62 16 19-0022)*

31 62 16 19-0038	EA	10" Diameter, Steel Pipe Heavy-Duty Pile Point	508.73
31 62 16 19-0039	EA	12" Diameter, Steel Pipe Heavy-Duty Pile Point	547.10
31 62 16 19-0040	EA	14" Diameter, Steel Pipe Heavy-Duty Pile Point	619.85
31 62 16 19-0041	EA	16" Diameter, Steel Pipe Heavy-Duty Pile Point	773.32
31 62 16 19-0042	EA	18" Diameter, Steel Pipe Heavy-Duty Pile Point	894.26

31 62 19 Timber Piles *(31 62)*

31 62 19 00-0001 Friction Or End Bearing, Driven Treated Wood Piles *(31 62 19)*

Note: 12 LB Penta-treated/CF.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 62 19 00-0002	LF	Up To 30', 12" Butt x 8" Tip, Friction Or End Bearing, Driven Treated Wood Pile	35.01	
		For Piles Driven In Water, Add	*15.66*	
		For Untreated Pile, Deduct	*-7.96*	
		For Each Pile Tip Point, Add	*12.50*	
		For Each Pile Butt, Driving Cap, Add	*20.10*	
		For Each Splice For Pile >50', Add	*139.40*	
31 62 19 00-0003	LF	>30' To 39', 12" Butt x 8" Tip, Friction Or End Bearing, Driven Treated Wood Pile	36.93	
		For Piles Driven In Water, Add	*17.36*	
		For Untreated Pile, Deduct	*-8.04*	
		For Each Pile Tip Point, Add	*12.50*	
		For Each Pile Butt, Driving Cap, Add	*20.10*	
		For Each Splice For Pile >50', Add	*139.40*	
31 62 19 00-0004	LF	39' To 49', 12" Butt x 7" Tip, Friction Or End Bearing, Driven Treated Wood Pile	38.94	
		For Piles Driven In Water, Add	*18.48*	
		For Untreated Pile, Deduct	*-8.41*	
		For Each Pile Tip Point, Add	*12.50*	
		For Each Pile Butt, Driving Cap, Add	*20.10*	
		For Each Splice For Pile >50', Add	*139.40*	
31 62 19 00-0005	LF	>49' To 59', 13" Butt x 7" Tip, Friction Or End Bearing, Driven Treated Wood Pile	41.98	
		For Piles Driven In Water, Add	*20.61*	
		For Untreated Pile, Deduct	*-8.79*	
		For Each Pile Tip Point, Add	*12.50*	
		For Each Pile Butt, Driving Cap, Add	*20.10*	
		For Each Splice For Pile >50', Add	*139.40*	
31 62 19 00-0006	LF	>59' To 69', 13" Butt x 6" Tip, Friction Or End Bearing, Driven Treated Wood Pile	52.04	
		For Piles Driven In Water, Add	*23.44*	
		For Untreated Pile, Deduct	*-11.76*	
		For Each Pile Tip Point, Add	*12.50*	
		For Each Pile Butt, Driving Cap, Add	*20.10*	
		For Each Splice For Pile >50', Add	*139.40*	
31 62 19 00-0007	LF	>69' To 79', 13" Butt x 6" Tip, Friction Or End Bearing, Driven Treated Wood Pile	64.95	
		For Piles Driven In Water, Add	*28.37*	
		For Untreated Pile, Deduct	*-15.04*	
		For Each Pile Tip Point, Add	*12.50*	
		For Each Pile Butt, Driving Cap, Add	*20.10*	
		For Each Splice For Pile >50', Add	*139.40*	

31 62 23 Composite Piles *(31 62)*

31 62 23 13 Concrete-Filled Steel Piles *(31 62 23)*

31 62 23 13-0001 Concrete-Filled Driven Steel Pipe Piles *(31 62 23 13)*

Note: Includes 4,000 PSI concrete grout. Excludes reinforcing.

31 62 23 13-0002	VLF	8" Diameter x 29 Lb./FT, Concrete-Filled Driven Steel Pipe Pile	59.64	
		For 5,000 PSI Concrete Grout Fill, Add	*6.99*	
		For Piles Driven In Water, Add	*24.99*	
31 62 23 13-0003	VLF	8" Diameter x 36 Lb./FT, Concrete-Filled Driven Steel Pipe Pile	68.68	
		For 5,000 PSI Concrete Grout Fill, Add	*7.89*	
		For Piles Driven In Water, Add	*25.89*	
31 62 23 13-0004	VLF	8" Diameter x 43 Lb./FT, Concrete-Filled Driven Steel Pipe Pile	78.45	
		For 5,000 PSI Concrete Grout Fill, Add	*8.87*	
		For Piles Driven In Water, Add	*26.87*	
31 62 23 13-0005	VLF	10" Diameter x 34 Lb./FT, Concrete-Filled Driven Steel Pipe Pile	70.52	
		For 5,000 PSI Concrete Grout Fill, Add	*9.79*	
		For Piles Driven In Water, Add	*26.49*	
31 62 23 13-0006	VLF	10" Diameter x 41 Lb./FT, Concrete-Filled Driven Steel Pipe Pile	79.11	
		For 5,000 PSI Concrete Grout Fill, Add	*10.65*	
		For Piles Driven In Water, Add	*27.35*	
31 62 23 13-0007	VLF	10" Diameter x 55 Lb./FT, Concrete-Filled Driven Steel Pipe Pile	98.10	
		For 5,000 PSI Concrete Grout Fill, Add	*12.55*	
		For Piles Driven In Water, Add	*29.25*	
31 62 23 13-0008	VLF	12" Diameter x 42 Lb./FT, Concrete-Filled Driven Steel Pipe Pile	84.59	
		For 5,000 PSI Concrete Grout Fill, Add	*13.18*	
		For Piles Driven In Water, Add	*29.55*	
31 62 23 13-0009	VLF	12" Diameter x 50 Lb./FT, Concrete-Filled Driven Steel Pipe Pile	94.64	
		For 5,000 PSI Concrete Grout Fill, Add	*14.18*	
		For Piles Driven In Water, Add	*30.55*	
31 62 23 13-0010	VLF	12" Diameter x 54 Lb./FT, Concrete-Filled Driven Steel Pipe Pile	100.23	
		For 5,000 PSI Concrete Grout Fill, Add	*14.74*	
		For Piles Driven In Water, Add	*31.11*	
31 62 23 13-0011	VLF	12" Diameter x 65 Lb./FT, Concrete-Filled Driven Steel Pipe Pile	115.87	
		For 5,000 PSI Concrete Grout Fill, Add	*16.30*	
		For Piles Driven In Water, Add	*32.67*	
31 62 23 13-0012	VLF	14" Diameter x 46 Lb./FT, Concrete-Filled Driven Steel Pipe Pile	93.60	
		For 5,000 PSI Concrete Grout Fill, Add	*16.22*	
		For Piles Driven In Water, Add	*34.02*	
31 62 23 13-0013	VLF	14" Diameter x 55 Lb./FT, Concrete-Filled Driven Steel Pipe Pile	104.98	
		For 5,000 PSI Concrete Grout Fill, Add	*17.36*	
		For Piles Driven In Water, Add	*35.16*	
31 62 23 13-0014	VLF	14" Diameter x 64 Lb./FT, Concrete-Filled Driven Steel Pipe Pile	116.35	
		For 5,000 PSI Concrete Grout Fill, Add	*18.50*	
		For Piles Driven In Water, Add	*36.30*	
31 62 23 13-0015	VLF	14" Diameter x 72 Lb./FT, Concrete-Filled Driven Steel Pipe Pile	127.73	
		For 5,000 PSI Concrete Grout Fill, Add	*19.63*	
		For Piles Driven In Water, Add	*37.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 62 23 13-0016	VLF	16" Diameter x 52 Lb./FT, Concrete-Filled Driven Steel Pipe Pile	103.89	
		For 5,000 PSI Concrete Grout Fill, Add	*20.04*	
		For Piles Driven In Water, Add	*36.52*	
31 62 23 13-0017	VLF	16" Diameter x 63 Lb./FT, Concrete-Filled Driven Steel Pipe Pile	117.19	
		For 5,000 PSI Concrete Grout Fill, Add	*21.37*	
		For Piles Driven In Water, Add	*37.85*	
31 62 23 13-0018	VLF	16" Diameter x 83 Lb./FT, Concrete-Filled Driven Steel Pipe Pile	143.13	
		For 5,000 PSI Concrete Grout Fill, Add	*23.96*	
		For Piles Driven In Water, Add	*40.44*	
31 62 23 13-0019	VLF	18" Diameter x 59 Lb./FT, Concrete-Filled Driven Steel Pipe Pile	128.44	
		For 5,000 PSI Concrete Grout Fill, Add	*25.62*	
		For Piles Driven In Water, Add	*41.08*	
31 62 23 13-0020	VLF	18" Diameter x 71 Lb./FT, Concrete-Filled Driven Steel Pipe Pile	145.72	
		For 5,000 PSI Concrete Grout Fill, Add	*27.35*	
		For Piles Driven In Water, Add	*42.81*	
31 62 23 13-0021	VLF	18" Diameter x 93 Lb./FT, Concrete-Filled Driven Steel Pipe Pile	178.55	
		For 5,000 PSI Concrete Grout Fill, Add	*30.63*	
		For Piles Driven In Water, Add	*46.09*	

31 62 23 13-0022 7 Gauge, Constant Diameter Concrete-Filled Driven Steel Piles *(31 62 23 13)*

Note: End bearing, with fluted steel casing, up to 50'. Includes 4,000 PSI concrete. Excludes reinforcing.

31 62 23 13-0023	VLF	12" Diameter, 7 Gauge, Constant Diameter Concrete-Filled Driven Steel Pile	78.47	
		For Piles Driven In Water, Add	*22.44*	
31 62 23 13-0024	VLF	14" Diameter, 7 Gauge, Constant Diameter Concrete-Filled Driven Steel Pile	95.56	
		For Piles Driven In Water, Add	*25.19*	
31 62 23 13-0025	VLF	16" Diameter, 7 Gauge, Constant Diameter Concrete-Filled Driven Steel Pile	108.30	
		For Piles Driven In Water, Add	*27.66*	
31 62 23 13-0026	VLF	18" Diameter, 7 Gauge, Constant Diameter Concrete-Filled Driven Steel Pile	117.83	
		For Piles Driven In Water, Add	*30.02*	

31 62 23 13-0027 Tapered Friction Concrete-Filled Driven Steel Piles *(31 62 23 13)*

Note: With fluted steel casing, up to 50'. Includes 4,000 PSI concrete. Excludes reinforcing.

31 62 23 13-0028	VLF	12" Diameter, 7 Gauge, Tapered Friction Concrete-Filled Driven Steel Pile	76.94	
		For Piles Driven In Water, Add	*22.28*	
31 62 23 13-0029	VLF	14" Diameter, 7 Gauge, Tapered Friction Concrete-Filled Driven Steel Pile	78.87	
		For Piles Driven In Water, Add	*23.52*	
31 62 23 13-0030	VLF	16" Diameter, 7 Gauge, Tapered Friction Concrete-Filled Driven Steel Pile	96.60	
		For Piles Driven In Water, Add	*26.49*	
31 62 23 13-0031	VLF	18" Diameter, 7 Gauge, Tapered Friction Concrete-Filled Driven Steel Pile	111.64	
		For Piles Driven In Water, Add	*29.40*	

31 62 23 13-0032 Thin Wall Shell Straight Sided Driven Steel Piles *(31 62 23 13)*

31 62 23 13-0033	VLF	8" Diameter, 16 Gauge, Thin Wall Shell Straight Sided Driven Steel Pile	45.66	
		For Piles Driven In Water, Add	*16.87*	
		For Thick Wall Shell, Add	*0.08*	
31 62 23 13-0034	VLF	10" Diameter, 16 Gauge, Thin Wall Shell Straight Sided Driven Steel Pile	50.40	
		For Piles Driven In Water, Add	*18.71*	
		For Thick Wall Shell, Add	*0.09*	
31 62 23 13-0035	VLF	12" Diameter, 16 Gauge, Thin Wall Shell Straight Sided Driven Steel Pile	55.08	
		For Piles Driven In Water, Add	*20.55*	
		For Thick Wall Shell, Add	*0.10*	
31 62 23 13-0036	VLF	14" Diameter, 16 Gauge, Thin Wall Shell Straight Sided Driven Steel Pile	59.82	
		For Piles Driven In Water, Add	*22.39*	
		For Thick Wall Shell, Add	*0.10*	
31 62 23 13-0037	VLF	16" Diameter, 16 Gauge, Thin Wall Shell Straight Sided Driven Steel Pile	64.55	
		For Piles Driven In Water, Add	*24.23*	
		For Thick Wall Shell, Add	*0.11*	

31 63 Bored Piles *(31 60)*

31 63 36 Drilled Steel Piles *(31 63)*

31 63 36 00-0001 Drill Hole *(31 63 36)*

Note: Excludes removal of excess material.

31 63 36 00-0002 Drilling Mobilization *(31 63 36 00-0001)*

31 63 36 00-0003	EA	>12" To 24" Diameter Hole, Drilling Mobilization	1,014.25	
31 63 36 00-0004	EA	>24" Diameter Hole, Drilling Mobilization	1,352.32	

31 63 36 00-0005 Drill Hole In Soil *(31 63 36 00-0001)*

31 63 36 00-0006	LF	18" Diameter, Up To 24' Depth, Drilled/Augered Hole	58.81	
31 63 36 00-0007	LF	20" Diameter, Up To 24' Depth, Drilled/Augered Hole	68.39	
31 63 36 00-0008	LF	22" Diameter, Up To 24' Depth, Drilled/Augered Hole	80.36	
31 63 36 00-0009	LF	24" Diameter, Up To 24' Depth, Drilled/Augered Hole	94.72	
31 63 36 00-0010	LF	26" Diameter, Up To 24' Depth, Drilled/Augered Hole	102.38	
31 63 36 00-0011	LF	28" Diameter, Up To 24' Depth, Drilled/Augered Hole	112.64	
31 63 36 00-0012	LF	30" Diameter, Up To 24' Depth, Drilled/Augered Hole	123.38	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

31 63 36 00-0013 Steel H Piles *(31 63 36)*

31 63 36 00-0014 Placed In Drilled Hole, Rolled Steel H-Section Piles *(31 63 36 00-0013)*

Note: Includes guides, bracing and alignment.

31 63 36 00-0015	VLF	8" x 8" x 36 Lb./FT, Placed In Drilled Hole, Rolled Steel H Pile	33.60	
		For >2,400 To 3,600, Deduct	*-1.18*	
		For >3,600 To 4,800, Deduct	*-2.37*	
		For >4,800 To 6,000, Deduct	*-4.05*	
		For >6,000, Deduct	*-5.73*	
31 63 36 00-0016	VLF	10" x 10" x 42 Lb./FT, Placed In Drilled Hole, Rolled Steel H Pile	37.60	
		For >2,400 To 3,600, Deduct	*-1.30*	
		For >3,600 To 4,800, Deduct	*-2.60*	
		For >4,800 To 6,000, Deduct	*-4.48*	
		For >6,000, Deduct	*-6.36*	
31 63 36 00-0017	VLF	10" x 10" x 57 Lb./FT, Placed In Drilled Hole, Rolled Steel H Pile	45.87	
		For >2,400 To 3,600, Deduct	*-1.51*	
		For >3,600 To 4,800, Deduct	*-3.02*	
		For >4,800 To 6,000, Deduct	*-5.31*	
		For >6,000, Deduct	*-7.60*	
31 63 36 00-0018	VLF	12" x 12" x 53 Lb./FT, Placed In Drilled Hole, Rolled Steel H Pile	44.10	
		For >2,400 To 3,600, Deduct	*-1.47*	
		For >3,600 To 4,800, Deduct	*-2.95*	
		For >4,800 To 6,000, Deduct	*-5.15*	
		For >6,000, Deduct	*-7.36*	
31 63 36 00-0019	VLF	12" x 12" x 63 Lb./FT, Placed In Drilled Hole, Rolled Steel H Pile	49.61	
		For >2,400 To 3,600, Deduct	*-1.61*	
		For >3,600 To 4,800, Deduct	*-3.22*	
		For >4,800 To 6,000, Deduct	*-5.70*	
		For >6,000, Deduct	*-8.19*	
31 63 36 00-0020	VLF	12" x 12" x 74 Lb./FT, Placed In Drilled Hole, Rolled Steel H Pile	56.92	
		For >2,400 To 3,600, Deduct	*-1.83*	
		For >3,600 To 4,800, Deduct	*-3.65*	
		For >4,800 To 6,000, Deduct	*-6.50*	
		For >6,000, Deduct	*-9.34*	
31 63 36 00-0021	VLF	12" x 12" x 84 Lb./FT, Placed In Drilled Hole, Rolled Steel H Pile	62.43	
		For >2,400 To 3,600, Deduct	*-1.96*	
		For >3,600 To 4,800, Deduct	*-3.93*	
		For >4,800 To 6,000, Deduct	*-7.05*	
		For >6,000, Deduct	*-10.17*	
31 63 36 00-0022	VLF	14" x 14" x 73 Lb./FT, Placed In Drilled Hole, Rolled Steel H Pile	56.77	
		For >2,400 To 3,600, Deduct	*-1.83*	
		For >3,600 To 4,800, Deduct	*-3.66*	
		For >4,800 To 6,000, Deduct	*-6.50*	
		For >6,000, Deduct	*-9.34*	
31 63 36 00-0023	VLF	14" x 14" x 89 Lb./FT, Placed In Drilled Hole, Rolled Steel H Pile	66.14	
		For >2,400 To 3,600, Deduct	*-2.07*	
		For >3,600 To 4,800, Deduct	*-4.13*	
		For >4,800 To 6,000, Deduct	*-7.44*	
		For >6,000, Deduct	*-10.75*	
31 63 36 00-0024	VLF	14" x 14" x 102 Lb./FT, Placed In Drilled Hole, Rolled Steel H Pile	74.13	
		For >2,400 To 3,600, Deduct	*-2.30*	
		For >3,600 To 4,800, Deduct	*-4.60*	
		For >4,800 To 6,000, Deduct	*-8.31*	
		For >6,000, Deduct	*-12.01*	
31 63 36 00-0025	VLF	14" x 14" x 117 Lb./FT, Placed In Drilled Hole, Rolled Steel H Pile	82.95	
		For >2,400 To 3,600, Deduct	*-2.52*	
		For >3,600 To 4,800, Deduct	*-5.04*	
		For >4,800 To 6,000, Deduct	*-9.19*	
		For >6,000, Deduct	*-13.34*	

31 63 36 00-0026 Welded Steel Stud Pins *(31 63 36 00-0013)*

Note: Includes welding to steel piles.

31 63 36 00-0027	EA	5/8" Diameter x 2-1/2" Long, Welded Steel Stud Pins	14.57	
		For >50 To 150, Deduct	*-0.65*	
		For >150 To 250, Deduct	*-1.35*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.73*	
31 63 36 00-0028	EA	5/8" Diameter x 5" Long, Welded Steel Stud Pins	16.10	
		For >50 To 150, Deduct	*-0.65*	
		For >150 To 250, Deduct	*-1.38*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-2.84*	
31 63 36 00-0029	EA	5/8" Diameter x 7" Long, Welded Steel Stud Pins	17.57	
		For >50 To 150, Deduct	*-0.65*	
		For >150 To 250, Deduct	*-1.42*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.95*	
31 63 36 00-0030	EA	3/4" Diameter x 2-1/2" Long, Welded Steel Stud Pins	16.14	
		For >50 To 150, Deduct	*-0.69*	
		For >150 To 250, Deduct	*-1.43*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-2.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 63 36 00-0031	EA	3/4" Diameter x 5" Long, Welded Steel Stud Pins	18.45	
		For >50 To 150, Deduct	*-0.69*	
		For >150 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-2.30*	
		For >500, Deduct	*-3.10*	
31 63 36 00-0032	EA	3/4" Diameter x 7" Long, Welded Steel Stud Pins	20.07	
		For >50 To 150, Deduct	*-0.69*	
		For >150 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-2.38*	
		For >500, Deduct	*-3.22*	
31 63 36 00-0033	EA	7/8" Diameter x 2-1/2" Long, Welded Steel Stud Pins	18.07	
		For >50 To 150, Deduct	*-0.72*	
		For >150 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-3.14*	
31 63 36 00-0034	EA	7/8" Diameter x 5" Long, Welded Steel Stud Pins	21.84	
		For >50 To 150, Deduct	*-0.72*	
		For >150 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.52*	
		For >500, Deduct	*-3.43*	
31 63 36 00-0035	EA	7/8" Diameter x 7" Long, Welded Steel Stud Pins	23.68	
		For >50 To 150, Deduct	*-0.72*	
		For >150 To 250, Deduct	*-1.67*	
		For >250 To 500, Deduct	*-2.62*	
		For >500, Deduct	*-3.56*	

31 63 36 00-0036 Concrete Fill *(31 63 36)*

See CSI section 03 37 16 00-0001 for pumping equipment.

31 63 36 00-0037	VLF	18" Diameter Hole Pumped Concrete Fill For Drilled Pile	48.13
31 63 36 00-0038	VLF	20" Diameter Hole Pumped Concrete Fill For Drilled Pile	53.47
31 63 36 00-0039	VLF	22" Diameter Hole Pumped Concrete Fill For Drilled Pile	58.82
31 63 36 00-0040	VLF	24" Diameter Hole Pumped Concrete Fill For Drilled Pile	64.18
31 63 36 00-0041	VLF	26" Diameter Hole Pumped Concrete Fill For Drilled Pile	69.52
31 63 36 00-0042	VLF	28" Diameter Hole Pumped Concrete Fill For Drilled Pile	74.86
31 63 36 00-0043	VLF	30" Diameter Hole Pumped Concrete Fill For Drilled Pile	88.06

31 64 Caissons *(31 60)*

31 64 13 Box Caissons *(31 64)*

31 64 13 00-0001 Caisson In Stable Ground No Casing Or Ground Water *(31 64 13)*

Note: Up to 50' deep. See CSI section 31 64 13 00-0070 for equipment set-up.

31 64 13 00-0002 Caisson In Stable Ground *(31 64 13 00-0001)*

Note: Includes 3000 PSI concrete and reinforcing.

31 64 13 00-0003	VLF	18" Diameter Caisson, No Casing Stable Ground, No Ground Water Note: 0.066 CY Concrete per VLF, 9 Lb. rebar per VLF.	61.75
		For >50' To 100' Deep, Add	*5.98*
		For >100' To 150' Deep, Add	*15.44*
		For >150' To 200' Deep, Add	*20.60*
		For Right Angle Drilling, Add	*16.43*
31 64 13 00-0004	VLF	24" Diameter Caisson, No Casing Stable Ground, No Ground Water Note: 0.116 CY Concrete per VLF, 14 Lb. rebar per VLF.	77.41
		For >50' To 100' Deep, Add	*8.20*
		For >100' To 150' Deep, Add	*19.35*
		For >150' To 200' Deep, Add	*26.70*
		For Right Angle Drilling, Add	*18.40*
31 64 13 00-0005	VLF	30" Diameter Caisson, No Casing Stable Ground, No Ground Water Note: 0.182 CY Concrete per VLF, 23 Lb. rebar per VLF.	109.31
		For >50' To 100' Deep, Add	*12.08*
		For >100' To 150' Deep, Add	*27.33*
		For >150' To 200' Deep, Add	*38.33*
		For Right Angle Drilling, Add	*24.41*
31 64 13 00-0006	VLF	36" Diameter Caisson, No Casing Stable Ground, No Ground Water Note: 0.262 CY Concrete per VLF, 33 Lb. rebar per VLF.	144.41
		For >50' To 100' Deep, Add	*16.48*
		For >100' To 150' Deep, Add	*36.10*
		For >150' To 200' Deep, Add	*51.29*
		For Right Angle Drilling, Add	*30.63*
31 64 13 00-0007	VLF	42" Diameter Caisson, No Casing Stable Ground, No Ground Water Note: 0.356 CY Concrete per VLF, 48 Lb. rebar per VLF.	184.59
		For >50' To 100' Deep, Add	*21.83*
		For >100' To 150' Deep, Add	*46.15*
		For >150' To 200' Deep, Add	*66.51*
		For Right Angle Drilling, Add	*36.77*
31 64 13 00-0008	VLF	48" Diameter Caisson No Casing Stable Ground, No Ground Water Note: 0.465 CY Concrete per VLF, 57 Lb. rebar per VLF.	222.08
		For >50' To 100' Deep, Add	*26.75*
		For >100' To 150' Deep, Add	*55.52*
		For >150' To 200' Deep, Add	*80.63*
		For Right Angle Drilling, Add	*42.72*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 64 13 00-0009	VLF	54" Diameter Caisson No Casing Stable Ground, No Ground Water	267.47	
		Note: 0.589 CY Concrete per VLF, 76 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*33.19*	
		For >100' To 150' Deep, Add	*66.87*	
		For >150' To 200' Deep, Add	*98.33*	
		For Right Angle Drilling, Add	*48.39*	
31 64 13 00-0010	VLF	60" Diameter Caisson No Casing Stable Ground, No Ground Water	313.83	
		Note: 0.727 CY Concrete per VLF, 93 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*39.78*	
		For >100' To 150' Deep, Add	*78.46*	
		For >150' To 200' Deep, Add	*116.42*	
		For Right Angle Drilling, Add	*54.17*	
31 64 13 00-0011	VLF	66" Diameter Caisson No Casing Stable Ground, No Ground Water	366.27	
		Note: 0.88 CY Concrete per VLF, 113 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*47.19*	
		For >100' To 150' Deep, Add	*91.57*	
		For >150' To 200' Deep, Add	*136.83*	
		For Right Angle Drilling, Add	*60.83*	
31 64 13 00-0012	VLF	72" Diameter Caisson No Casing Stable Ground, No Ground Water	426.33	
		Note: 1.047 CY Concrete per VLF, 134 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*55.75*	
		For >100' To 150' Deep, Add	*106.58*	
		For >150' To 200' Deep, Add	*160.28*	
		For Right Angle Drilling, Add	*68.27*	
31 64 13 00-0013	VLF	78" Diameter Caisson No Casing Stable Ground, No Ground Water	486.21	
		Note: 1.229 CY Concrete per VLF, 157 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*64.43*	
		For >100' To 150' Deep, Add	*121.55*	
		For >150' To 200' Deep, Add	*183.86*	
		For Right Angle Drilling, Add	*75.17*	
31 64 13 00-0014	VLF	84" Diameter Caisson No Casing Stable Ground, No Ground Water	550.09	
		Note: 1.425 CY Concrete per VLF, 183 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*73.76*	
		For >100' To 150' Deep, Add	*137.52*	
		For >150' To 200' Deep, Add	*209.10*	
		For Right Angle Drilling, Add	*82.35*	
31 64 13 00-0015		For Bell Excavation And Concrete, Add *(31 64 13 00-0001)*		
31 64 13 00-0016	EA	Bell Excavation And Concrete, 4' Bell Diameter Stable Ground, 24" Shaft, 0.44 CY	478.06	
		For >50' To 100' Deep, Add	*38.89*	
		For >100' To 150' Deep, Add	*119.52*	
		For >150' To 200' Deep, Add	*150.21*	
31 64 13 00-0017	EA	Bell Excavation And Concrete, 6' Bell Diameter Stable Ground, 30" Shaft, 1.57 CY	1,680.60	
		For >50' To 100' Deep, Add	*136.95*	
		For >100' To 150' Deep, Add	*420.15*	
		For >150' To 200' Deep, Add	*528.32*	
31 64 13 00-0018	EA	Bell Excavation And Concrete, 7' Bell Diameter Stable Ground, 36" Shaft, 2.33 CY	2,541.90	
		For >50' To 100' Deep, Add	*210.42*	
		For >100' To 150' Deep, Add	*635.48*	
		For >150' To 200' Deep, Add	*803.18*	
31 64 13 00-0019	EA	Bell Excavation And Concrete, 8' Bell Diameter Stable Ground, 42" Shaft, 3.30 CY	3,528.41	
		For >50' To 100' Deep, Add	*292.65*	
		For >100' To 150' Deep, Add	*882.10*	
		For >150' To 200' Deep, Add	*1,115.60*	
31 64 13 00-0020	EA	Bell Excavation And Concrete, 9' Bell Diameter Stable Ground, 48" Shaft, 4.48 CY	4,788.16	
		For >50' To 100' Deep, Add	*390.08*	
		For >100' To 150' Deep, Add	*1,197.04*	
		For >150' To 200' Deep, Add	*1,505.09*	
31 64 13 00-0021	EA	Bell Excavation And Concrete, 10' Bell Diameter Stable Ground, 60" Shaft, 5.24 CY	5,630.17	
		For >50' To 100' Deep, Add	*458.48*	
		For >100' To 150' Deep, Add	*1,407.54*	
		For >150' To 200' Deep, Add	*1,769.51*	
31 64 13 00-0022	EA	Bell Excavation And Concrete, 12' Bell Diameter Stable Ground, 72" Shaft, 8.74 CY	9,548.68	
		For >50' To 100' Deep, Add	*776.02*	
		For >100' To 150' Deep, Add	*2,387.17*	
		For >150' To 200' Deep, Add	*2,999.12*	
31 64 13 00-0023	EA	Bell Excavation And Concrete, 14' Bell Diameter Stable Ground, 84" Shaft, 13.6 CY	13,806.18	
		For >50' To 100' Deep, Add	*1,133.38*	
		For >100' To 150' Deep, Add	*3,451.55*	
		For >150' To 200' Deep, Add	*4,350.54*	
31 64 13 00-0024		Caisson In Wet Ground, Casing Pulled *(31 64 13)*		
		Note: Up to 50' deep. See CSI section 31 64 13 00-0070 for equipment set-up.		
31 64 13 00-0025		Caisson In Wet Ground *(31 64 13 00-0024)*		
		Note: Includes 3000 PSI concrete and reinforcing.		
31 64 13 00-0026	VLF	18" Diameter Caisson Wet Ground, Casing Pulled	68.33	
		Note: 0.066 CY Concrete per VLF, 9 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*6.43*	
		For >100' To 150' Deep, Add	*17.08*	
		For >150' To 200' Deep, Add	*22.56*	
		For Right Angle Drilling, Add	*18.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 64 13 00-0027	VLF	24" Diameter Caisson Wet Ground, Casing Pulled	114.29	
		Note: 0.116 CY Concrete per VLF, 14 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*10.78*	
		For >100' To 150' Deep, Add	*28.57*	
		For >150' To 200' Deep, Add	*37.77*	
		For Right Angle Drilling, Add	*31.31*	
31 64 13 00-0028	VLF	30" Diameter Caisson Wet Ground, Casing Pulled	150.81	
		Note: 0.182 CY Concrete per VLF, 23 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*14.99*	
		For >100' To 150' Deep, Add	*37.70*	
		For >150' To 200' Deep, Add	*50.78*	
		For Right Angle Drilling, Add	*38.93*	
31 64 13 00-0029	VLF	36" Diameter Caisson Wet Ground, Casing Pulled	206.88	
		Note: 0.262 CY Concrete per VLF, 33 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*20.85*	
		For >100' To 150' Deep, Add	*51.72*	
		For >150' To 200' Deep, Add	*70.03*	
		For Right Angle Drilling, Add	*52.49*	
31 64 13 00-0030	VLF	42" Diameter Caisson Wet Ground, Casing Pulled	261.70	
		Note: 0.356 CY Concrete per VLF, 48 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*27.23*	
		For >100' To 150' Deep, Add	*65.43*	
		For >150' To 200' Deep, Add	*89.64*	
		For Right Angle Drilling, Add	*63.76*	
31 64 13 00-0031	VLF	48" Diameter Caisson Wet Ground, Casing Pulled	313.53	
		Note: 0.465 CY Concrete per VLF, 57 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*33.15*	
		For >100' To 150' Deep, Add	*78.38*	
		For >150' To 200' Deep, Add	*108.06*	
		For Right Angle Drilling, Add	*74.72*	
31 64 13 00-0032	VLF	54" Diameter Caisson Wet Ground, Casing Pulled	404.52	
		Note: 0.589 CY Concrete per VLF, 76 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*42.79*	
		For >100' To 150' Deep, Add	*101.13*	
		For >150' To 200' Deep, Add	*139.45*	
		For Right Angle Drilling, Add	*96.36*	
31 64 13 00-0033	VLF	60" Diameter Caisson Wet Ground, Casing Pulled	495.30	
		Note: 0.727 CY Concrete per VLF, 93 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*52.49*	
		For >100' To 150' Deep, Add	*123.83*	
		For >150' To 200' Deep, Add	*170.86*	
		For Right Angle Drilling, Add	*117.69*	
31 64 13 00-0034	VLF	66" Diameter Caisson Wet Ground, Casing Pulled	564.78	
		Note: 0.87 CY Concrete per VLF, 113 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*61.09*	
		For >100' To 150' Deep, Add	*141.20*	
		For >150' To 200' Deep, Add	*196.38*	
		For Right Angle Drilling, Add	*130.31*	
31 64 13 00-0035	VLF	72" Diameter Caisson Wet Ground, Casing Pulled	641.83	
		Note: 1.047 CY Concrete per VLF, 134 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*70.83*	
		For >100' To 150' Deep, Add	*160.46*	
		For >150' To 200' Deep, Add	*224.93*	
		For Right Angle Drilling, Add	*143.70*	
31 64 13 00-0036	VLF	78" Diameter Caisson Wet Ground, Casing Pulled	729.86	
		Note: 1.229 CY Concrete per VLF, 157 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*81.49*	
		For >100' To 150' Deep, Add	*182.47*	
		For >150' To 200' Deep, Add	*256.96*	
		For Right Angle Drilling, Add	*160.45*	
31 64 13 00-0037	VLF	84" Diameter Caisson Wet Ground, Casing Pulled	822.37	
		Note: 1.425 CY Concrete per VLF, 183 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*92.82*	
		For >100' To 150' Deep, Add	*205.59*	
		For >150' To 200' Deep, Add	*290.78*	
		For Right Angle Drilling, Add	*177.65*	
31 64 13 00-0038		For Bell Excavation And Concrete, Add *(31 64 13 00-0024)*		
31 64 13 00-0039	EA	Bell Excavation And Concrete, 4' Bell Diameter Wet Ground 24" Shaft, 0.44 CY	549.77	
		For >50' To 100' Deep, Add	*43.91*	
		For >100' To 150' Deep, Add	*137.44*	
		For >150' To 200' Deep, Add	*171.72*	
31 64 13 00-0040	EA	Bell Excavation And Concrete, 6' Bell Diameter Wet Ground, 30" Shaft, 1.57 CY	1,915.32	
		For >50' To 100' Deep, Add	*153.38*	
		For >100' To 150' Deep, Add	*478.83*	
		For >150' To 200' Deep, Add	*598.73*	
31 64 13 00-0041	EA	Bell Excavation And Concrete, 7' Bell Diameter Wet Ground, 36" Shaft, 2.33 CY	2,632.69	
		For >50' To 100' Deep, Add	*196.66*	
		For >100' To 150' Deep, Add	*658.17*	
		For >150' To 200' Deep, Add	*805.27*	
31 64 13 00-0042	EA	Bell Excavation And Concrete, 8' Bell Diameter Wet Ground, 42" Shaft, 3.3 CY	4,207.77	
		For >50' To 100' Deep, Add	*340.20*	
		For >100' To 150' Deep, Add	*1,051.94*	
		For >150' To 200' Deep, Add	*1,319.40*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 64 13 00-0043	EA	Bell Excavation And Concrete, 9' Bell Diameter Wet Ground, 48" Shaft, 4.48 CY	5,457.14	
		For >50' To 100' Deep, Add	*436.91*	
		For >100' To 150' Deep, Add	*1,364.29*	
		For >150' To 200' Deep, Add	*1,705.78*	
31 64 13 00-0044	EA	Bell Excavation And Concrete, 10' Bell Diameter Wet Ground, 60" Shaft, 5.24 CY	6,417.21	
		For >50' To 100' Deep, Add	*513.57*	
		For >100' To 150' Deep, Add	*1,604.30*	
		For >150' To 200' Deep, Add	*2,005.62*	
31 64 13 00-0045	EA	Bell Excavation And Concrete, 12' Bell Diameter Wet Ground, 72" Shaft, 8.74 CY	10,886.63	
		For >50' To 100' Deep, Add	*869.67*	
		For >100' To 150' Deep, Add	*2,721.66*	
		For >150' To 200' Deep, Add	*3,400.50*	
31 64 13 00-0046	EA	Bell Excavation And Concrete, 14' Bell Diameter Wet Ground, 84" Shaft, 13.6 CY	15,717.56	
		For >50' To 100' Deep, Add	*1,267.17*	
		For >100' To 150' Deep, Add	*3,929.39*	
		For >150' To 200' Deep, Add	*4,923.95*	
31 64 13 00-0047		**Caisson In Soft Rock And Medium Hard Shale** *(31 64 13)*		
		Note: Up to 50' deep. See CSI section 31 64 13 00-0070 for equipment set-up.		
31 64 13 00-0048		**Caisson In Soft Rock** *(31 64 13 00-0047)*		
		Note: Includes 3000 PSI concrete and reinforcing.		
31 64 13 00-0049	VLF	18" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water	265.56	
		Note: 0.066 CY Concrete per VLF, 9 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*20.24*	
		For >100' To 150' Deep, Add	*66.39*	
		For >150' To 200' Deep, Add	*81.73*	
		For Right Angle Drilling, Add	*87.79*	
31 64 13 00-0050	VLF	24" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water	443.05	
		Note: 0.116 CY Concrete per VLF, 14 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*33.80*	
		For >100' To 150' Deep, Add	*110.76*	
		For >150' To 200' Deep, Add	*136.39*	
		For Right Angle Drilling, Add	*146.37*	
31 64 13 00-0051	VLF	30" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water	667.74	
		Note: 0.182 CY Concrete per VLF, 23 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*51.17*	
		For >100' To 150' Deep, Add	*166.94*	
		For >150' To 200' Deep, Add	*205.86*	
		For Right Angle Drilling, Add	*219.86*	
31 64 13 00-0052	VLF	36" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water	853.14	
		Note: 0.262 CY Concrete per VLF, 33 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*66.09*	
		For >100' To 150' Deep, Add	*213.29*	
		For >150' To 200' Deep, Add	*263.91*	
		For Right Angle Drilling, Add	*278.68*	
31 64 13 00-0053	VLF	42" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water	1,095.31	
		Note: 0.356 CY Concrete per VLF, 48 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*85.58*	
		For >100' To 150' Deep, Add	*273.83*	
		For >150' To 200' Deep, Add	*339.73*	
		For Right Angle Drilling, Add	*355.52*	
31 64 13 00-0054	VLF	48" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water	1,320.82	
		Note: 0.465 CY Concrete per VLF, 57 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*103.66*	
		For >100' To 150' Deep, Add	*330.21*	
		For >150' To 200' Deep, Add	*410.25*	
		For Right Angle Drilling, Add	*427.27*	
31 64 13 00-0055	VLF	54" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water	1,615.10	
		Note: 0.589 CY Concrete per VLF, 76 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*127.53*	
		For >100' To 150' Deep, Add	*403.78*	
		For >150' To 200' Deep, Add	*502.62*	
		For Right Angle Drilling, Add	*520.06*	
31 64 13 00-0056	VLF	60" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water	1,909.45	
		Note: 0.727 CY Concrete per VLF, 93 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*151.48*	
		For >100' To 150' Deep, Add	*477.36*	
		For >150' To 200' Deep, Add	*595.10*	
		For Right Angle Drilling, Add	*612.64*	
31 64 13 00-0057	VLF	66" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water	2,097.26	
		Note: 0.88 CY Concrete per VLF, 113 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*168.37*	
		For >100' To 150' Deep, Add	*524.32*	
		For >150' To 200' Deep, Add	*656.12*	
		For Right Angle Drilling, Add	*666.68*	
31 64 13 00-0058	VLF	72" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water	2,291.72	
		Note: 1.047 CY Concrete per VLF, 134 Lb. rebar per VLF.		
		For >50' To 100' Deep, Add	*186.32*	
		For >100' To 150' Deep, Add	*572.93*	
		For >150' To 200' Deep, Add	*719.89*	
		For Right Angle Drilling, Add	*721.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 64 13 00-0059	VLF	78" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water Note: 1.229 CY Concrete per VLF, 157 Lb. rebar per VLF.	2,347.94	
		For >50' To 100' Deep, Add	*194.76*	
		For >100' To 150' Deep, Add	*586.99*	
		For >150' To 200' Deep, Add	*742.38*	
		For Right Angle Drilling, Add	*726.78*	
31 64 13 00-0060	VLF	84" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water Note: 1.425 CY Concrete per VLF, 183 Lb. rebar per VLF.	2,803.73	
		For >50' To 100' Deep, Add	*231.52*	
		For >100' To 150' Deep, Add	*700.93*	
		For >150' To 200' Deep, Add	*885.19*	
		For Right Angle Drilling, Add	*871.13*	

31 64 13 00-0061 For Bell Excavation And Concrete, Add *(31 64 13 00-0047)*

31 64 13 00-0062	EA	Bell Excavation And Concrete, 4' Bell Diameter Soft Rock/Shale 24" Shaft 0.44 CY	943.25	
		For >50' To 100' Deep, Add	*71.46*	
		For >100' To 150' Deep, Add	*235.81*	
		For >150' To 200' Deep, Add	*289.76*	
31 64 13 00-0063	EA	Bell Excavation And Concrete, 6' Bell Diameter Soft Rock/Shale 30" Shaft 1.57 CY	3,319.28	
		For >50' To 100' Deep, Add	*251.66*	
		For >100' To 150' Deep, Add	*829.82*	
		For >150' To 200' Deep, Add	*1,019.92*	
31 64 13 00-0064	EA	Bell Excavation And Concrete, 7' Bell Diameter Soft Rock/Shale 36" Shaft 2.33 CY	4,973.91	
		For >50' To 100' Deep, Add	*380.66*	
		For >100' To 150' Deep, Add	*1,243.48*	
		For >150' To 200' Deep, Add	*1,532.78*	
31 64 13 00-0065	EA	Bell Excavation And Concrete, 8' Bell Diameter Soft Rock/Shale 42" Shaft 3.3 CY	7,081.70	
		For >50' To 100' Deep, Add	*541.38*	
		For >100' To 150' Deep, Add	*1,770.43*	
		For >150' To 200' Deep, Add	*2,181.58*	
31 64 13 00-0066	EA	Bell Excavation And Concrete, 9' Bell Diameter Soft Rock/Shale 48" Shaft 4.48 CY	9,360.49	
		For >50' To 100' Deep, Add	*710.14*	
		For >100' To 150' Deep, Add	*2,340.12*	
		For >150' To 200' Deep, Add	*2,876.79*	
31 64 13 00-0067	EA	Bell Excavation And Concrete, 10" Bell Diameter Soft Rock/Shale 60" Shaft 5.24 CY	11,406.24	
		For >50' To 100' Deep, Add	*862.80*	
		For >100' To 150' Deep, Add	*2,851.56*	
		For >150' To 200' Deep, Add	*3,502.33*	
31 64 13 00-0068	EA	Bell Excavation And Concrete, 12' Bell Diameter Soft Rock/Shale 72" Shaft 8.74 CY	17,247.65	
		For >50' To 100' Deep, Add	*1,314.94*	
		For >100' To 150' Deep, Add	*4,311.91*	
		For >150' To 200' Deep, Add	*5,308.81*	
31 64 13 00-0069	EA	Bell Excavation And Concrete, 14' Bell Diameter Soft Rock/Shale 84" Shaft 13.6 CY	25,940.62	
		For >50' To 100' Deep, Add	*1,982.79*	
		For >100' To 150' Deep, Add	*6,485.16*	
		For >150' To 200' Deep, Add	*7,990.87*	

31 64 13 00-0070 Caisson Setup And Removal *(31 64 13)*

Note: Includes mobilization of equipment, erection, dismantling of equipment, move off of site.

31 64 13 00-0071	EA	Erect, Set Up, Dismantle And Removal Of Caisson 18" To 36" Diameter, Complete	3,876.76
31 64 13 00-0072	EA	Erect, Set Up, Dismantle And Removal Of Caisson 48" To 84" Diameter, Complete	5,476.06
31 64 13 00-0073	EA	Dismantle, Relocate, Erect And Set Up On Site At Different Location (During Same Phase Of Work), Caisson 18" To 36" Diameter	1,823.23
31 64 13 00-0074	EA	Dismantle, Relocate, Erect And Set Up On Site At Different Location (During Same Phase Of Work), Caisson 48" To 84" Diameter	2,430.98
31 64 13 00-0075	EA	Relocate Caisson Equipment To Different Hole On-Site Without Dismantling	151.94

31 66 Special Foundation *(31 60)*

31 66 15 Helical Foundation Piles *(31 66)*

31 66 15 00-0001 Helical Pier Restoration (Atlas) *(31 66 15)*

31 66 15 00-0002	EA	Structural Steel Piers (Atlas Pier System Or Equal) Note: Includes heavy-duty bracket, pier platform, and 14' of 3.5" diameter pier sections, non-corrosive coating, hydraulic lifting, fasteners, and other related activities and materials. Excludes excavation and core drilling	3,900.01
31 66 15 00-0003	EA	Pressure Injecting Grout For Slab Repairs, Per Location Note: Includes preparation, installing and removing grout injection pipes, and finishing. Excludes grout and core drilling.	470.77
31 66 15 00-0004	CY	Pressure Injected Non-Shrink Grout	482.11

END OF SECTION 31

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

32 Exterior Improvements

32 01 Operation and Maintenance of Exterior Improvements *(32)*

32 01 11 Paving Cleaning *(32 01)*

32 01 11 53 Paint Removal from Paving *(32 01 11)*

32 01 11 53-0001 Remove Painted Or Epoxy Pavement Markings *(32 01 11 53)*

Note: Includes stripe removal by grinding, vacuuming of removed striped area and containment of debris.

32 01 11 53-0002	LF	Removal Of 4" Wide Painted Or Epoxy Pavement Striping	2.56	
		For Up To 250, Add	*1.28*	
		For >250 To 1,000, Add	*0.64*	
		For >5,000 To 10,000, Deduct	*-0.38*	
		For >10,000 To 25,000, Deduct	*-0.64*	
		For >25,000 To 50,000, Deduct	*-0.90*	
		For >50,000, Deduct	*-1.02*	
32 01 11 53-0003	LF	Removal Of 6" Wide Painted Or Epoxy Pavement Striping	3.07	
		For Up To 250, Add	*1.54*	
		For >250 To 1,000, Add	*0.77*	
		For >5,000 To 10,000, Deduct	*-0.46*	
		For >10,000 To 25,000, Deduct	*-0.77*	
		For >25,000 To 50,000, Deduct	*-1.07*	
		For >50,000, Deduct	*-1.23*	
32 01 11 53-0004	LF	Removal Of 8" Wide Painted Or Epoxy Pavement Striping	3.67	
		For Up To 250, Add	*1.84*	
		For >250 To 1,000, Add	*0.92*	
		For >5,000 To 10,000, Deduct	*-0.55*	
		For >10,000 To 25,000, Deduct	*-0.92*	
		For >25,000 To 50,000, Deduct	*-1.28*	
		For >50,000, Deduct	*-1.47*	
32 01 11 53-0005	LF	Removal Of 12" Wide Painted Or Epoxy Pavement Striping	4.40	
		For Up To 250, Add	*2.20*	
		For >250 To 1,000, Add	*1.10*	
		For >5,000 To 10,000, Deduct	*-0.66*	
		For >10,000 To 25,000, Deduct	*-1.10*	
		For >25,000 To 50,000, Deduct	*-1.54*	
		For >50,000, Deduct	*-1.76*	
32 01 11 53-0006	SF	Removal Of Painted Or Epoxy Pavement Marking, Letters Or Symbols	4.40	
		For Up To 250, Add	*2.20*	
		For >250 To 1,000, Add	*1.10*	
		For >5,000 To 10,000, Deduct	*-0.66*	
		For >10,000 To 25,000, Deduct	*-1.10*	
		For >25,000 To 50,000, Deduct	*-1.54*	
		For >50,000, Deduct	*-1.76*	
32 01 11 53-0007	LF	Removal Of 4" Wide Thermoplastic Pavement Striping	3.28	
		For Up To 250, Add	*1.64*	
		For >250 To 1,000, Add	*0.82*	
		For >5,000 To 10,000, Deduct	*-0.49*	
		For >10,000 To 25,000, Deduct	*-0.82*	
		For >25,000 To 50,000, Deduct	*-1.15*	
		For >50,000, Deduct	*-1.31*	
32 01 11 53-0008	LF	Removal Of 6" Wide Thermoplastic Pavement Striping	3.88	
		For Up To 250, Add	*1.94*	
		For >250 To 1,000, Add	*0.97*	
		For >5,000 To 10,000, Deduct	*-0.58*	
		For >10,000 To 25,000, Deduct	*-0.97*	
		For >25,000 To 50,000, Deduct	*-1.36*	
		For >50,000, Deduct	*-1.55*	
32 01 11 53-0009	LF	Removal Of 8" Wide Thermoplastic Pavement Striping	4.68	
		For Up To 250, Add	*2.34*	
		For >250 To 1,000, Add	*1.17*	
		For >5,000 To 10,000, Deduct	*-0.70*	
		For >10,000 To 25,000, Deduct	*-1.17*	
		For >25,000 To 50,000, Deduct	*-1.64*	
		For >50,000, Deduct	*-1.87*	
32 01 11 53-0010	LF	Removal Of 12" Wide Thermoplastic Pavement Striping	5.60	
		For Up To 250, Add	*2.80*	
		For >250 To 1,000, Add	*1.40*	
		For >5,000 To 10,000, Deduct	*-0.84*	
		For >10,000 To 25,000, Deduct	*-1.40*	
		For >25,000 To 50,000, Deduct	*-1.96*	
		For >50,000, Deduct	*-2.24*	
32 01 11 53-0011	SF	Removal Of Thermoplastic Pavement Marking, Letters Or Symbols	5.60	
		For Up To 250, Add	*2.80*	
		For >250 To 1,000, Add	*1.40*	
		For >5,000 To 10,000, Deduct	*-0.84*	
		For >10,000 To 25,000, Deduct	*-1.40*	
		For >25,000 To 50,000, Deduct	*-1.96*	
		For >50,000, Deduct	*-2.24*	

32 01 13 Flexible Paving Surface Treatment *(32 01)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 13 61		**Slurry Seal (Latex Modified)** *(32 01 13)*		
32 01 13 61-0001		Asphalt Seal Coating, For Roads And Parking Lot *(32 01 13 61)* Note: Includes sweeping and cleaning of area.		
32 01 13 61-0002	EA	Asphalt Seal Coating Minimum Charge Note: For projects where the total charges are less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	935.40	
32 01 13 61-0003	SY	Up To 500 SY, Type O Asphalt Seal Coating, No Aggregate, Per Coat	3.48	
32 01 13 61-0004	SY	>500 To 1,000 SY, Type O Asphalt Seal Coating, No Aggregate, Per Coat	3.22	
32 01 13 61-0005	SY	>1,000 SY, Type O Asphalt Seal Coating, No Aggregate. Per Coat	3.02	
32 01 13 61-0006	SY	Up To 500 SY, Type I Slurry Seal Asphalt Coating, Per Coat Note: 1/8" thick.	3.71	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.31*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.37*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.47*	
		For Each 0.5% Of Latex Addition, Add	*0.33*	
32 01 13 61-0007	SY	>500 To 1,000 SY, Type I Slurry Seal Asphalt Coating, Per Coat Note: 1/8" thick.	3.52	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.30*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.36*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.46*	
		For Each 0.5% Of Latex Addition, Add	*0.33*	
32 01 13 61-0008	SY	>1,000 To 5,000 SY, Type I Slurry Seal Asphalt Coating, Per Coat Note: 1/8" thick.	3.36	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.29*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.35*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.45*	
		For Each 0.5% Of Latex Addition, Add	*0.33*	
32 01 13 61-0009	SY	>5,000 To 20,000 SY, Type I Slurry Seal Asphalt Coating, Per Coat Note: 1/8" thick.	3.21	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.28*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.34*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.44*	
		For Each 0.5% Of Latex Addition, Add	*0.33*	
32 01 13 61-0010	SY	>20,000 To 50,000 SY, Type I Slurry Seal Asphalt Coating, Per Coat Note: 1/8" thick.	3.21	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.28*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.34*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.44*	
		For Each 0.5% Of Latex Addition, Add	*0.33*	
32 01 13 61-0011	SY	>50,000 SY, Type I Slurry Seal Asphalt Coating, Per Coat Note: 1/8" thick.	2.96	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.27*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.33*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.43*	
		For Each 0.5% Of Latex Addition, Add	*0.33*	
32 01 13 61-0012	SY	Up To 500 SY, Type II Slurry Seal Asphalt Coating, Per Coat Note: 1/4" thick, 14 to 18 Lb/SY.	5.03	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.33*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.39*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.49*	
		For Each 0.5% Of Latex Addition, Add	*0.49*	
32 01 13 61-0013	SY	>500 To 1,000 SY, Type II Slurry Seal Asphalt Coating, Per Coat Note: 1/4" thick, 14 to 18 Lb/SY.	4.71	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.32*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.38*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.48*	
		For Each 0.5% Of Latex Addition, Add	*0.49*	
32 01 13 61-0014	SY	>1,000 To 5,000 SY, Type II Slurry Seal Asphalt Coating, Per Coat Note: 1/4" thick, 14 to 18 Lb/SY.	4.47	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.30*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.36*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.46*	
		For Each 0.5% Of Latex Addition, Add	*0.49*	
32 01 13 61-0015	SY	>5,000 To 20,000 SY, Type II Slurry Seal Asphalt Coating, Per Coat Note: 1/4" thick, 14 to 18 Lb/SY.	4.25	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.29*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.35*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.45*	
		For Each 0.5% Of Latex Addition, Add	*0.49*	
32 01 13 61-0016	SY	>20,000 To 50,000 SY, Type II Slurry Seal Asphalt Coating, Per Coat Note: 1/4" thick, 14 to 18 Lb/SY.	4.04	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.28*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.34*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.44*	
		For Each 0.5% Of Latex Addition, Add	*0.49*	
32 01 13 61-0017	SY	>50,000 SY, Type II Slurry Seal Asphalt Coating, Per Coat Note: 1/4" thick, 14 to 18 Lb/SY.	3.85	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.27*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.33*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.43*	
		For Each 0.5% Of Latex Addition, Add	*0.49*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 13 61-0018	SY	Up To 500 SY, Type III Slurry Seal Asphalt Coating, Per Coat Note: 3/8" thick, 25 to 30 Lb/SY.	6.36	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.34*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.40*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.50*	
		For Each 0.5% Of Latex Addition, Add	*0.80*	
32 01 13 61-0019	SY	>500 To 1,000 SY, Type III Slurry Seal Asphalt Coating, Per Coat Note: 3/8" thick, 25 to 30 Lb/SY.	6.02	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.33*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.39*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.49*	
		For Each 0.5% Of Latex Addition, Add	*0.80*	
32 01 13 61-0020	SY	>1,000 To 5,000 SY, Type III Slurry Seal Asphalt Coating, Per Coat Note: 3/8" thick, 25 to 30 Lb/SY.	5.77	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.31*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.37*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.47*	
		For Each 0.5% Of Latex Addition, Add	*0.80*	
32 01 13 61-0021	SY	>5,000 To 20,000 SY, Type III Slurry Seal Asphalt Coating, Per Coat Note: 3/8" thick, 25 to 30 Lb/SY.	5.52	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.30*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.36*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.46*	
		For Each 0.5% Of Latex Addition, Add	*0.80*	
32 01 13 61-0022	SY	>20,000 To 50,000 SY, Type III Slurry Seal Asphalt Coating, Per Coat Note: 3/8" thick, 25 to 30 Lb/SY.	5.30	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.29*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.35*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.45*	
		For Each 0.5% Of Latex Addition, Add	*0.80*	
32 01 13 61-0023	SY	>50,000 SY, Type III Slurry Seal Asphalt Coating, Per Coat Note: 3/8" thick, 25 to 30 Lb/SY.	5.10	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.28*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.34*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.44*	
		For Each 0.5% Of Latex Addition, Add	*0.80*	

32 01 13 62 Asphalt Surface Treatment *(32 01 13)*

32 01 13 62-0001 Polymer-Modified, Microsurfacing Emulsion (MSE Microsurfacing) *(32 01 13 62)*
Note: Use a blend of emulsified quickset polymer-modified emulsion asphalt and latex-based polymer. Includes sweeping and cleaning of area.

32 01 13 62-0002	SY	Up To 200 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE)	11.46
32 01 13 62-0003	SY	Up To 500 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE)	10.94
32 01 13 62-0004	SY	>500 To 1,000 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE)	10.48
32 01 13 62-0005	SY	>1,000 To 5,000 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE)	10.09
32 01 13 62-0006	SY	>5,000 To 10,000 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE)	9.73
32 01 13 62-0007	SY	>10,000 To 20,000 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE)	9.43
32 01 13 62-0008	SY	>20,000 To 50,000 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE)	9.21
32 01 13 62-0009	SY	>50,000 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE)	9.09

32 01 16 Flexible Paving Rehabilitation *(32 01)*

32 01 16 71 Cold Milling Asphalt Pavement *(32 01 16)*

32 01 16 71-0001 Removal Of Asphalt Surface Course *(32 01 16 71)*
Note: Includes direct loading into truck.

32 01 16 71-0002 Production Cold Milling Of Roads And Parking Areas *(32 01 16 71-0001)*
Note: For removal of entire lanes of roads or parking areas. Includes work around manholes, scuppers, drainage structures, catch basins, etc. Includes sweeping and loading into truck. See CSI section 01 74 19 00-0040 for hauling.

32 01 16 71-0003	SY	Up To 3" Depth, Production Cold Milling Of Asphalt	4.55
		For Up To 2,500, Add	*3.41*
		For >2,500 To 5,000, Add	*1.14*
		For >10,000 To 25,000, Deduct	*-0.80*
		For >25,000, Deduct	*-1.14*
32 01 16 71-0004	SY	>3" To 6" Depth, Production Cold Milling Of Asphalt	5.75
		For Up To 2,500, Add	*4.31*
		For >2,500 To 5,000, Add	*1.44*
		For >10,000 To 25,000, Deduct	*-1.01*
		For >25,000, Deduct	*-1.44*
32 01 16 71-0005	SY	>6" To 12" Depth, Production Cold Milling Of Asphalt	7.65
		For Up To 2,500, Add	*5.74*
		For >2,500 To 5,000, Add	*1.91*
		For >10,000 To 25,000, Deduct	*-1.34*
		For >25,000, Deduct	*-1.91*

32 01 16 71-0006 Limited Production Cold Milling *(32 01 16 71-0001)*
Note: For cross sections of roadways, trenching, partial shoulders, and other small or narrow areas. Includes work around manholes, scuppers, drainage structures, catch basins, etc. Includes sweeping and loading into truck. See CSI section 01 74 19 00-0040 for hauling.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 16 71-0007	SY	Up To 3" Depth, Limited Cold Milling Of Asphalt	30.28	
		For >100 To 1,000, Deduct	*-15.14*	
		For >1,000, Deduct	*-22.71*	
32 01 16 71-0008	SY	>3" To 6" Depth, Limited Cold Milling Of Asphalt	40.09	
		For >100 To 1,000, Deduct	*-20.05*	
		For >1,000, Deduct	*-30.07*	
32 01 16 71-0009	SY	>6" To 12" Depth, Limited Cold Milling Of Asphalt	53.39	
		For >100 To 1,000, Deduct	*-26.70*	
		For >1,000, Deduct	*-40.04*	

32 01 16 71-0010 Grind, Leave In-Place Asphalt Grindings *(32 01 16 71)*

Note: For use as subbase material, includes spreading and rolling.

32 01 16 71-0011	SY	Grind, Leave In-Place As Subbase Course, 6-9" Depth	8.21	

32 01 16 74 In Place Hot Reused Asphalt Paving *(32 01 16)*

32 01 16 74-0001 Rejuvenate And Respread Asphalt Pavement *(32 01 16 74)*

Note: Includes direct loading into truck.

32 01 16 74-0002	SY	Removal, Rejuvenation, And Respreading Of Asphalt Grindings To 1/2" Deep	11.77	
32 01 16 74-0003	SY	Removal, Rejuvenation, And Respreading Of Asphalt Grindings To 1/2" Deep, Previously Sealed Cold Tar	14.45	
32 01 16 74-0004	TON	Removal, Rejuvenation, And Respreading Of Asphalt Grindings	208.14	

32 01 16 74-0005 Reclamation, Pulverize And Blending With Existing *(32 01 16 74)*

Note: Includes direct loading into truck.

32 01 16 74-0006	SY	Up To 2" Thick Pavement, Up To 1,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	16.31	
32 01 16 74-0007	SY	Up To 2" Thick Pavement, >1,000 To 5,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	8.15	
32 01 16 74-0008	SY	Up To 2" Thick Pavement, >5,000 To 15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	4.08	
32 01 16 74-0009	SY	Up To 2" Thick Pavement, >15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	3.86	
32 01 16 74-0010	SY	>2" To 3" Thick Pavement, >5,000 To 15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	4.45	
32 01 16 74-0011	SY	>2" To 3" Thick Pavement, Up To 1,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	17.79	
32 01 16 74-0012	SY	>2" To 3" Thick Pavement, >1,000 To 5,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	8.90	
32 01 16 74-0013	SY	>2" To 3" Thick Pavement, >15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	4.19	
32 01 16 74-0014	SY	>3" To 4" Thick Pavement, Up To 1,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	19.57	
32 01 16 74-0015	SY	>3" To 4" Thick Pavement, >1,000 To 5,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	9.78	
32 01 16 74-0016	SY	>3" To 4" Thick Pavement, >5,000 To 15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	4.89	
32 01 16 74-0017	SY	>3" To 4" Thick Pavement, >15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	4.52	
32 01 16 74-0018	SY	>4" To 8" Thick Pavement, Up To 1,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	21.35	
32 01 16 74-0019	SY	>4" To 8" Thick Pavement, >1,000 To 5,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	10.67	
32 01 16 74-0020	SY	>4" To 8" Thick Pavement, >5,000 To 15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	5.34	
32 01 16 74-0021	SY	>4" To 8" Thick Pavement, >15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	4.97	
32 01 16 74-0022	EA	Mobilization And Demobilization For Reclamation, Pulverizing And Blending Crew	1,834.71	

32 01 17 Flexible Paving Repair *(32 01)*

See CSI section 32 12 16 00-0000 for large area resurfacing.

32 01 17 61 Sealing Cracks in Asphalt Paving *(32 01 17)*

Note: Includes removing loose materials and cleaning.

32 01 17 61-0001 Hot-Applied, Pourable, Self-Adhesive Asphalt Binder Compounded With Standard Weight Aggregate Longitudinal Crack And Sealing Repair *(32 01 17 61)*

Note: Includes removing loose materials and cleaning.

32 01 17 61-0002	LF	Up To 200 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.	1.89	
		For 3/4" x 1/2" Fill, Add	*0.55*	
		For 1" x 1/2" Fill, Add	*1.05*	
		For Backer Rod, Add	*1.19*	
32 01 17 61-0003	LF	>200 To 500 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.	1.54	
		For 3/4" x 1/2" Fill, Add	*0.46*	
		For 1" x 1/2" Fill, Add	*0.87*	
		For Backer Rod, Add	*1.07*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 17 61-0004	LF	>500 To 2,000 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler	1.24	
		Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.		
		For 3/4" x 1/2" Fill, Add	*0.38*	
		For 1" x 1/2" Fill, Add	*0.72*	
		For Backer Rod, Add	*0.96*	
32 01 17 61-0005	LF	>2,000 To 5,000 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler	1.07	
		Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.		
		For 3/4" x 1/2" Fill, Add	*0.33*	
		For 1" x 1/2" Fill, Add	*0.63*	
		For Backer Rod, Add	*0.90*	
32 01 17 61-0006	LF	>5,000 To 10,000 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler	0.95	
		Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.		
		For 3/4" x 1/2" Fill, Add	*0.29*	
		For 1" x 1/2" Fill, Add	*0.55*	
		For Backer Rod, Add	*0.84*	
32 01 17 61-0007	LF	>10,000 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler	0.87	
		Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.		
		For 3/4" x 1/2" Fill, Add	*0.26*	
		For 1" x 1/2" Fill, Add	*0.50*	
		For Backer Rod, Add	*0.80*	
32 01 17 61-0008	LF	Up To 200 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler	3.61	
		For 3/8" x 1/4" Fill, Add	*0.83*	
		For 1/2" x 1/4" Fill, Add	*1.53*	
		For 1/2" x 1/2" Fill, Add	*3.60*	
32 01 17 61-0009	LF	>200 To 500 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler	2.92	
		For 3/8" x 1/4" Fill, Add	*0.69*	
		For 1/2" x 1/4" Fill, Add	*1.26*	
		For 1/2" x 1/2" Fill, Add	*3.01*	
32 01 17 61-0010	LF	>500 To 2,000 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler	2.25	
		For 3/8" x 1/4" Fill, Add	*0.54*	
		For 1/2" x 1/4" Fill, Add	*1.00*	
		For 1/2" x 1/2" Fill, Add	*2.41*	
32 01 17 61-0011	LF	>2,000 To 5,000 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler	1.98	
		For 3/8" x 1/4" Fill, Add	*0.48*	
		For 1/2" x 1/4" Fill, Add	*0.89*	
		For 1/2" x 1/2" Fill, Add	*2.14*	
32 01 17 61-0012	LF	>5,000 To 10,000 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler	1.79	
		For 3/8" x 1/4" Fill, Add	*0.43*	
		For 1/2" x 1/4" Fill, Add	*0.79*	
		For 1/2" x 1/2" Fill, Add	*1.91*	
32 01 17 61-0013	LF	>10,000 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler	1.66	
		For 3/8" x 1/4" Fill, Add	*0.40*	
		For 1/2" x 1/4" Fill, Add	*0.73*	
		For 1/2" x 1/2" Fill, Add	*1.76*	
32 01 17 61-0014	LF	For Routing And Cleaning Of Crack, Add Per 1/2" Depth	0.61	
32 01 17 61-0015	LF	Crack Fill Backer Material, Up To 1" Diameter, As Required	1.98	

32 01 17 63 Flexible Pavement Repair *(32 01 17)*

32 01 17 63-0001 Temporary Pot Hole Repair *(32 01 17 63)*

Note: Includes removal of loose material and moisture, bonding agent, compaction, safety cones and hauling up to 15 miles. Excludes signage, barricades, flagmen, field survey or marking. See CSI section 01 74 19 00-0040 for hauling greater than 15 miles.

32 01 17 63-0002	EA	Temporary Pot Hole Repairs With Cold Mix Modified, Up To 3 Tons	1,956.70
32 01 17 63-0003	TON	Temporary Pot Hole Repairs With Cold Mix Modified	593.87
		Note: Use for each ton over 3 tons.	
32 01 17 63-0004	EA	Temporary Pot Hole Repairs With Cold Mix, Up To 3 Tons	1,862.17
32 01 17 63-0005	TON	Temporary Pot Hole Repairs With Cold Mix	562.36
		Note: Use for each ton over 3 tons.	
32 01 17 63-0006	EA	Temporary Pot Hole Repairs With Hot Mix Modified, Up To 3 Tons	1,814.91
32 01 17 63-0007	TON	Temporary Pot Hole Repairs With Hot Mix Modified	546.60
		Note: Use for each ton over 3 tons.	
32 01 17 63-0008	EA	Temporary Pot Hole Repairs With Hot Mix, Up To 3 Tons	1,767.64
32 01 17 63-0009	TON	Temporary Pot Hole Repairs With Hot Mix	530.85
		Note: Use for each ton over 3 tons.	

32 01 17 63-0010 Permanent Pot Hole Repair *(32 01 17 63)*

Note: Includes removal of loose material and moisture, saw cutting, chipping, squaring off, bonding agent, compaction and hauling up to 15 miles Tasks do not include signage, barricades, flagmen, field survey or marking. See CSI section 01 74 19 00-0040 for hauling greater than 15 miles.

32 01 17 63-0011	EA	Permanent Pot Hole Repairs With Cold Mix, Up To 3 Tons	2,056.61
32 01 17 63-0012	TON	Permanent Pot Hole Repairs With Cold Mix	669.02
		Note: Use for each ton over 3 tons.	
32 01 17 63-0013	EA	Permanent Pot Hole Repairs With Hot Mix Modified, Up To 3 Tons	2,009.35
32 01 17 63-0014	TON	Permanent Pot Hole Repairs With Hot Mix Modified	653.26
		Note: Use for each ton over 3 tons.	
32 01 17 63-0015	EA	Permanent Pot Hole Repairs With Hot Mix, Up To 3 Tons	1,962.08
32 01 17 63-0016	TON	Permanent Pot Hole Repairs With Hot Mix	637.51
		Note: Use for each ton over 3 tons.	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 17 63-0017		Asphalt Placement For Small Repairs *(32 01 17 63)* Note: This section is used for placing up to 100 tons of asphalt after a small area of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc. Includes mobilization of paving equipment such as a roller, placing the asphalt, compaction and hauling up to 15 miles. Excludes saw cutting, demolition of existing pavement, and new subbase material. Use approximately 0.055 tons per square yard per inch of depth. See CSI section 02 41 19 13-0057 for saw cutting, 32 12 16 13-0000 for areas requiring more than 100 tons.		
32 01 17 63-0018	EA	Asphalt Placement For Small Repair Areas, Cold Mix Modified, Up To 3 Tons Note: For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.	2,695.87	
32 01 17 63-0019	TON	Asphalt Placement For Small Repair Areas, Cold Mix Modified Note: For each ton over 3 to 100 tons. For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.	386.87	
32 01 17 63-0020	EA	Asphalt Placement For Small Repair Areas, Cold Mix, Up To 3 Tons Note: For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.	2,601.34	
32 01 17 63-0021	TON	Asphalt Placement For Small Repair Areas, Cold Mix Note: For each ton over 3 to 100 tons. For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.	355.36	
32 01 17 63-0022	EA	Asphalt Placement For Small Repair Areas, Hot Mix Modified, Up To 3 Tons Note: For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.	2,554.08	
32 01 17 63-0023	TON	Asphalt Placement For Small Repair Areas, Hot Mix Modified Note: For each ton over 3 to 100 tons. For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.	339.60	
32 01 17 63-0024	EA	Asphalt Placement For Small Repair Areas, Hot Mix, Up To 3 Tons Note: For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.	2,506.81	
32 01 17 63-0025	TON	Asphalt Placement For Small Repair Areas, Hot Mix Note: For each ton over 3 to 100 tons. For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.	323.85	
32 01 17 63-0026		Grind Asphalt *(32 01 17 63)*		
32 01 17 63-0027	SY	Grinding Asphalt To Level Bump Or Raised Area	25.66	

32 01 26 Rigid Paving Rehabilitation *(32 01)*

32 01 26 71 Grooving of Concrete Paving *(32 01 26)*

32 01 26 71-0001		Roadway Grooving *(32 01 26 71)*		
32 01 26 71-0002	EA	First 500 SY Of Pavement Grooving, Concrete, Longitudinal	4,183.13	
32 01 26 71-0003	SY	Each SY Over First 500 SY Of Pavement Grooving, Concrete, Longitudinal	3.87	
32 01 26 71-0004	EA	First 500 SY Of Pavement Grooving, Concrete, Traverse	4,660.15	
32 01 26 71-0005	SY	Each SY Over First 500 SY Of Pavement Grooving, Concrete, Traverse	5.05	
32 01 26 71-0006		Rumble Strips *(32 01 26 71)*		
32 01 26 71-0007	EA	First 5280 LF Of MIARDS, Rumble Strips, Asphalt	5,072.33	
32 01 26 71-0008	LF	Each LF Over First 5280 LF Of MIARDS, Rumble Strips, Asphalt	0.92	
32 01 26 71-0009	EA	First 2,000 LF Of MIARDS, Rumble Strips, Concrete	5,652.66	
32 01 26 71-0010	LF	Each LF Over First 2,000 LF Of MIARDS, Rumble Strips, Concrete	1.03	

32 01 26 73 Milling Of Concrete Paving *(32 01 26)*

32 01 26 73-0001		Removal Of Concrete *(32 01 26 73)* Note: Includes direct loading into truck.		
32 01 26 73-0002		Production Milling Of Roads And Parking Areas *(32 01 26 73-0001)* Note: For removal of entire lanes of roads or parking areas. Includes work around manholes, scuppers, drainage structures, catch basins, etc. Includes sweeping and loading into truck. See CSI section 01 74 19 00-0040 for hauling.		
32 01 26 73-0003	SY	Production Milling Of Concrete Per Inch	7.25	
32 01 26 73-0004		Limited Production Milling *(32 01 26 73-0001)* Note: For cross sections of roadways, trenching, partial shoulders, and other small or narrow areas. Includes work around manholes, scuppers, drainage structures, catch basins, etc. Includes sweeping and loading into truck. See CSI section 01 74 19 00-0040 for hauling.		
32 01 26 73-0005	SY	Limited Production Milling Of Concrete Per Inch	45.50	

32 01 29 Rigid Paving Repair *(32 01)*

32 01 29 61 Partial Depth Patching of Rigid Paving *(32 01 29)*

32 01 29 61-0001		Hot Applied Flexible Concrete Repair *(32 01 29 61)* Note: Excludes saw cutting (where required), flagmen.		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 29 61-0002	EA	Hot Applied Flexible Concrete Repair Minimum Charge Note: For projects where the total Hot Applied Flexible Concrete Repair In Asphalt charge is less than the minimum charge, use task "Minimum Charge For Hot Applied Flexible Concrete Repair" exclusively. Task "Minimum Charge For Hot Applied Flexible Concrete Repair" should not be used in conjunction with any other tasks in this section.	1,311.76	
32 01 29 61-0003	SF	Up To 2" Depth, Hot Applied Flexible Concrete Repair	71.81	
		For >25 SF Quantity, Deduct	*-7.18*	
32 01 29 61-0004	SF	>2" To 4" Depth, Hot Applied Flexible Concrete Repair	134.70	
		For >25 SF Quantity, Deduct	*-13.47*	
32 01 29 61-0005	SF	>4" To 6" Depth, Hot Applied Flexible Concrete Repair	196.99	
		For >25 SF Quantity, Deduct	*-19.70*	
32 01 29 61-0006	SF	>6" To 8" Depth, Hot Applied Flexible Concrete Repair	259.28	
		For >25 SF Quantity, Deduct	*-25.93*	
32 01 29 61-0007	SF	>8" To 10" Depth, Hot Applied Flexible Concrete Repair	321.57	
		For >25 SF Quantity, Deduct	*-32.16*	
32 01 29 61-0008	CF	>10" Depth, Hot Applied Flexible Concrete Repair	383.27	

32 01 29 61-0009 Cold Applied Flexible Concrete Repair *(32 01 29 61)*

32 01 29 61-0010	SF	1/8" To 1/4" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with water)	7.14	
32 01 29 61-0011	SF	1/4" To 1/2" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with water)	10.24	
32 01 29 61-0012	SF	1/2" To 3/4" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with water)	13.46	
32 01 29 61-0013	SF	3/4" To 1" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with water)	16.79	
32 01 29 61-0014	SF	1" To 1-1/2" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with water)	23.93	
32 01 29 61-0015	SF	1/8" To 1/4" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with SikaLatex R)	7.23	
32 01 29 61-0016	SF	1/4" To 1/2" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with SikaLatex R)	10.33	
32 01 29 61-0017	SF	1/2" To 3/4" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with SikaLatex R)	13.55	
32 01 29 61-0018	SF	3/4" To 1" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with SikaLatex R)	16.88	
32 01 29 61-0019	SF	1" To 1-1/2" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with SikaLatex R)	24.02	
32 01 29 61-0020	SF	1/8" To 1/4" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with diluted SikaLatex R)	7.18	
32 01 29 61-0021	SF	1/4" To 1/2" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with diluted SikaLatex R)	10.28	
32 01 29 61-0022	SF	1/2" To 3/4" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with diluted SikaLatex R)	13.50	
32 01 29 61-0023	SF	3/4" To 1" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with diluted SikaLatex R)	16.83	
32 01 29 61-0024	SF	1" To 1-1/2" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with diluted SikaLatex R)	23.97	

32 01 90 Operation and Maintenance of Planting *(32 01)*

Note: These tasks are to be used as requested by the owner to maintain existing conditions.

32 01 90 13 Fertilizing *(32 01 90)*

32 01 90 13-0001	MSF	Fertilizer - 2 Lb. Of Nitrogen/MSF (Granular)	17.50	
32 01 90 13-0002	MSF	Fertilizer - 2 Lb. Of Nitrogen/MSF (Liquid)	12.82	
32 01 90 13-0003	MSF	Fertilizer - 0.5 Lb. Of Nitrogen/MSF (Granular)	14.01	
32 01 90 13-0004	MSF	Fertilizer - 0.5 Lb. Of Nitrogen/MSF (Liquid)	11.51	

32 01 90 19 Mowing *(32 01 90)*

32 01 90 19-0001	ACR	Vegetation Cutting By Bush Hog Note: Includes normal debris removal, cutting, and trimming.	217.25	
		For <1 Acre, Add	*54.31*	

32 01 90 23 Pruning *(32 01 90)*

32 01 90 23-0001 Tree Pruning *(32 01 90 23)*

Note: Types of pruning for mature trees (these standards are established by the ISA - International Society of Arboriculture). Includes loading onto truck or dumpster.

32 01 90 23-0002 Tree Pruning; Crown Cleaning *(32 01 90 23-0001)*

Note: Crown cleaning or cleaning out is the removal of dead, dying, diseased, crowded, weakly attached, and low-vigor branches and waterspouts from a tree crown.

32 01 90 23-0003	EA	1-1/2" Caliper, Tree Pruning (Crown Cleaning), By Hand	36.76	
		For >25, Deduct	*-4.60*	
32 01 90 23-0004	EA	2" Caliper, Tree Pruning (Crown Cleaning), By Hand	42.01	
		For >25, Deduct	*-5.25*	
32 01 90 23-0005	EA	2-1/2" Caliper, Tree Pruning (Crown Cleaning), By Hand	47.26	
		For >25, Deduct	*-5.91*	
32 01 90 23-0006	EA	3" Caliper, Tree Pruning (Crown Cleaning), By Hand	52.51	
		For >25, Deduct	*-6.56*	
32 01 90 23-0007	EA	4" Caliper, Tree Pruning (Crown Cleaning), By Hand	79.80	
		For >25, Deduct	*-9.98*	
32 01 90 23-0008	EA	4" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment	129.33	
		For >25, Deduct	*-16.17*	
32 01 90 23-0009	EA	6" Caliper, Tree Pruning (Crown Cleaning), By Hand	139.66	
		For >25, Deduct	*-17.46*	
32 01 90 23-0010	EA	6" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment	246.31	
		For >25, Deduct	*-30.79*	
32 01 90 23-0011	EA	9" Caliper, Tree Pruning (Crown Cleaning), By Hand	223.64	
		For >25, Deduct	*-27.96*	
32 01 90 23-0012	EA	9" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment	394.02	
		For >25, Deduct	*-49.25*	
32 01 90 23-0013	EA	12" Caliper, Tree Pruning (Crown Cleaning), By Hand	258.42	
		For >25, Deduct	*-32.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 90 23-0014	EA	12" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment	455.66	
		For >25, Deduct	*-56.96*	
32 01 90 23-0015	EA	18" Caliper, Tree Pruning (Crown Cleaning), By Hand	300.40	
		For >25, Deduct	*-30.04*	
32 01 90 23-0016	EA	18" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment	529.55	
		For >25, Deduct	*-52.96*	
32 01 90 23-0017	EA	24" Caliper, Tree Pruning (Crown Cleaning), By Hand	365.67	
		For >25, Deduct	*-36.57*	
32 01 90 23-0018	EA	24" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment	640.49	
		For >25, Deduct	*-64.05*	
32 01 90 23-0019	EA	30" Caliper, Tree Pruning (Crown Cleaning), By Hand	454.25	
		For >25, Deduct	*-45.43*	
32 01 90 23-0020	EA	30" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment	807.21	
		For >25, Deduct	*-80.72*	
32 01 90 23-0021	EA	36" Caliper, Tree Pruning (Crown Cleaning), By Hand	622.17	
		For >25, Deduct	*-62.22*	
32 01 90 23-0022	EA	36" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment	1,094.05	
		For >25, Deduct	*-109.41*	
32 01 90 23-0023	EA	48" Caliper, Tree Pruning (Crown Cleaning), By Hand	987.05	
		For >25, Deduct	*-98.71*	
32 01 90 23-0024	EA	48" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment	1,759.41	
		For >25, Deduct	*-175.94*	

32 01 90 23-0025 Tree Pruning; Crown Thinning *(32 01 90 23-0001)*

Note: Crown thinning includes crown cleaning and the selective removal of branches to increase light penetration and air movement into the crown. Increased light and air stimulates and maintains interior foliage, which in turn improves branch taper and strength. Thinning reduces the wind-sail effect of the crown and the weight of the heavy limbs. Thinning the crown can emphasize the structural beauty of the trunk and branches as well as improve the growth of plants beneath the tree by increasing light penetration. When thinning the crown of mature trees, seldom should more than one-third of the live foliage be removed. At least one-half of the foliage should be on branches that arise in the lower two- thirds of the trees. Likewise, when thinning laterals from a limb, an effort should be made to retain inner lateral branches and leave the same distribution of foliage along the branch. Trees and branches so pruned will have stress more evenly distributed throughout the tree or along a branch.

32 01 90 23-0026	EA	1-1/2" Caliper, Tree Pruning (Crown Thinning), By Hand	45.05	
		For >25, Deduct	*-5.63*	
32 01 90 23-0027	EA	2" Caliper, Tree Pruning (Crown Thinning), By Hand	51.46	
		For >25, Deduct	*-6.43*	
32 01 90 23-0028	EA	2-1/2" Caliper, Tree Pruning (Crown Thinning), By Hand	57.86	
		For >25, Deduct	*-7.23*	
32 01 90 23-0029	EA	3" Caliper, Tree Pruning (Crown Thinning), By Hand	64.38	
		For >25, Deduct	*-8.05*	
32 01 90 23-0030	EA	4" Caliper, Tree Pruning (Crown Thinning), By Hand	97.78	
		For >25, Deduct	*-12.22*	
32 01 90 23-0031	EA	4" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment	158.38	
		For >25, Deduct	*-19.80*	
32 01 90 23-0032	EA	6" Caliper, Tree Pruning (Crown Thinning), By Hand	171.09	
		For >25, Deduct	*-21.39*	
32 01 90 23-0033	EA	6" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment	301.74	
		For >25, Deduct	*-37.72*	
32 01 90 23-0034	EA	9" Caliper, Tree Pruning (Crown Thinning), By Hand	274.00	
		For >25, Deduct	*-34.25*	
32 01 90 23-0035	EA	9" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment	482.65	
		For >25, Deduct	*-60.33*	
32 01 90 23-0036	EA	12" Caliper, Tree Pruning (Crown Thinning), By Hand	316.53	
		For >25, Deduct	*-39.57*	
32 01 90 23-0037	EA	12" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment	558.15	
		For >25, Deduct	*-69.77*	
32 01 90 23-0038	EA	18" Caliper, Tree Pruning (Crown Thinning), By Hand	367.99	
		For >25, Deduct	*-36.80*	
32 01 90 23-0039	EA	18" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment	648.68	
		For >25, Deduct	*-64.87*	
32 01 90 23-0040	EA	24" Caliper, Tree Pruning (Crown Thinning), By Hand	447.92	
		For >25, Deduct	*-44.79*	
32 01 90 23-0041	EA	24" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment	784.65	
		For >25, Deduct	*-78.47*	
32 01 90 23-0042	EA	30" Caliper, Tree Pruning (Crown Thinning), By Hand	556.40	
		For >25, Deduct	*-55.64*	
32 01 90 23-0043	EA	30" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment	988.84	
		For >25, Deduct	*-98.88*	
32 01 90 23-0044	EA	36" Caliper, Tree Pruning (Crown Thinning), By Hand	762.15	
		For >25, Deduct	*-76.22*	
32 01 90 23-0045	EA	36" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment	1,340.21	
		For >25, Deduct	*-134.02*	
32 01 90 23-0046	EA	48" Caliper, Tree Pruning (Crown Thinning), By Hand	1,209.11	
		For >25, Deduct	*-120.91*	
32 01 90 23-0047	EA	48" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment	2,155.27	
		For >25, Deduct	*-215.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 90 23-0048		**Tree Pruning; Crown Raising** *(32 01 90 23-0001)* Note: Crown raising removes the lower branches of a tree in order to provide clearance for buildings, vehicles, pedestrians, and vistas. It is important that a tree have at least one-half of its foliage on branches that originate in the lower two-thirds of its trunk to ensure a well-formed, tapered structure and to uniformly distribute stress within a tree. When pruning for view, it is preferable to develop "windows" through the foliage of the tree, rather than to severely raise or reduce the crown.		
32 01 90 23-0049	EA	1-1/2" Caliper, Tree Pruning (Crown Raising), By Hand	49.67	
		For >25, Deduct	*-6.21*	
32 01 90 23-0050	EA	2" Caliper, Tree Pruning (Crown Raising), By Hand	56.71	
		For >25, Deduct	*-7.09*	
32 01 90 23-0051	EA	2-1/2" Caliper, Tree Pruning (Crown Raising), By Hand	63.86	
		For >25, Deduct	*-7.98*	
32 01 90 23-0052	EA	3" Caliper, Tree Pruning (Crown Raising), By Hand	70.89	
		For >25, Deduct	*-8.86*	
32 01 90 23-0053	EA	4" Caliper, Tree Pruning (Crown Raising), By Hand	107.75	
		For >25, Deduct	*-13.47*	
32 01 90 23-0054	EA	4" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment	174.64	
		For >25, Deduct	*-21.83*	
32 01 90 23-0055	EA	6" Caliper, Tree Pruning (Crown Raising), By Hand	188.51	
		For >25, Deduct	*-23.56*	
32 01 90 23-0056	EA	6" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment	332.53	
		For >25, Deduct	*-41.57*	
32 01 90 23-0057	EA	9" Caliper, Tree Pruning (Crown Raising), By Hand	301.94	
		For >25, Deduct	*-37.74*	
32 01 90 23-0058	EA	9" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment	531.92	
		For >25, Deduct	*-66.49*	
32 01 90 23-0059	EA	12" Caliper, Tree Pruning (Crown Raising), By Hand	348.88	
		For >25, Deduct	*-43.61*	
32 01 90 23-0060	EA	12" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment	615.18	
		For >25, Deduct	*-76.90*	
32 01 90 23-0061	EA	18" Caliper, Tree Pruning (Crown Raising), By Hand	405.60	
		For >25, Deduct	*-40.56*	
32 01 90 23-0062	EA	18" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment	714.93	
		For >25, Deduct	*-71.49*	
32 01 90 23-0063	EA	24" Caliper, Tree Pruning (Crown Raising), By Hand	493.71	
		For >25, Deduct	*-49.37*	
32 01 90 23-0064	EA	24" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment	864.70	
		For >25, Deduct	*-86.47*	
32 01 90 23-0065	EA	30" Caliper, Tree Pruning (Crown Raising), By Hand	613.22	
		For >25, Deduct	*-61.32*	
32 01 90 23-0066	EA	30" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment	1,089.70	
		For >25, Deduct	*-108.97*	
32 01 90 23-0067	EA	36" Caliper, Tree Pruning (Crown Raising), By Hand	839.96	
		For >25, Deduct	*-84.00*	
32 01 90 23-0068	EA	36" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment	1,476.92	
		For >25, Deduct	*-147.69*	
32 01 90 23-0069	EA	48" Caliper, Tree Pruning (Crown Raising), By Hand	1,332.52	
		For >25, Deduct	*-133.25*	
32 01 90 23-0070	EA	48" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment	2,375.24	
		For >25, Deduct	*-237.52*	
32 01 90 23-0071		**Tree Pruning; Crown Reduction** *(32 01 90 23-0001)* Note: Crown reduction is used to reduce the height and/or spread of a tree. Thinning cuts are most effective in maintaining the structural integrity and natural form of a tree and in delaying the time when it will need to be pruned again. The lateral to which a branch or trunk is cut should be at least one-half the diameter of the cut being made.		
32 01 90 23-0072	EA	1-1/2" Caliper, Tree Pruning (Crown Reduction), By Hand	53.35	
		For >25, Deduct	*-6.67*	
32 01 90 23-0073	EA	2" Caliper, Tree Pruning (Crown Reduction), By Hand	60.91	
		For >25, Deduct	*-7.61*	
32 01 90 23-0074	EA	2-1/2" Caliper, Tree Pruning (Crown Reduction), By Hand	68.58	
		For >25, Deduct	*-8.57*	
32 01 90 23-0075	EA	3" Caliper, Tree Pruning (Crown Reduction), By Hand	76.14	
		For >25, Deduct	*-9.52*	
32 01 90 23-0076	EA	4" Caliper, Tree Pruning (Crown Reduction), By Hand	115.74	
		For >25, Deduct	*-14.47*	
32 01 90 23-0077	EA	4" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment	187.57	
		For >25, Deduct	*-23.45*	
32 01 90 23-0078	EA	6" Caliper, Tree Pruning (Crown Reduction), By Hand	202.48	
		For >25, Deduct	*-25.31*	
32 01 90 23-0079	EA	6" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment	357.16	
		For >25, Deduct	*-44.65*	
32 01 90 23-0080	EA	9" Caliper, Tree Pruning (Crown Reduction), By Hand	324.30	
		For >25, Deduct	*-40.54*	
32 01 90 23-0081	EA	9" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment	571.33	
		For >25, Deduct	*-71.42*	
32 01 90 23-0082	EA	12" Caliper, Tree Pruning (Crown Reduction), By Hand	374.72	
		For >25, Deduct	*-46.84*	
32 01 90 23-0083	EA	12" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment	660.74	
		For >25, Deduct	*-82.59*	
32 01 90 23-0084	EA	18" Caliper, Tree Pruning (Crown Reduction), By Hand	435.63	
		For >25, Deduct	*-43.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 90 23-0085	EA	18" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment	767.89	
		For >25, Deduct	*-76.79*	
32 01 90 23-0086	EA	24" Caliper, Tree Pruning (Crown Reduction), By Hand	530.25	
		For >25, Deduct	*-53.03*	
32 01 90 23-0087	EA	24" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment	928.73	
		For >25, Deduct	*-92.87*	
32 01 90 23-0088	EA	30" Caliper, Tree Pruning (Crown Reduction), By Hand	658.69	
		For >25, Deduct	*-65.87*	
32 01 90 23-0089	EA	30" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment	1,170.50	
		For >25, Deduct	*-117.05*	
32 01 90 23-0090	EA	36" Caliper, Tree Pruning (Crown Reduction), By Hand	902.13	
		For >25, Deduct	*-90.21*	
32 01 90 23-0091	EA	36" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment	1,586.40	
		For >25, Deduct	*-158.64*	
32 01 90 23-0092	EA	48" Caliper, Tree Pruning (Crown Reduction), By Hand	1,431.24	
		For >25, Deduct	*-143.12*	
32 01 90 23-0093	EA	48" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment	2,551.10	
		For >25, Deduct	*-255.11*	

32 01 90 23-0094 Tree Pruning; Crown Restoration *(32 01 90 23-0001)*

Note: Crown restoration can improve the structure and appearance of trees that have been topped or severely pruned using heading cuts. One to three sprouts on main branch stubs should be selected to reform a more natural appearing crown. Selected vigorous sprouts may need to be thinned to a lateral, or even headed, to control length growth in order to ensure adequate attachment for the size of the sprout. Restoration may require several pruning's over a number of years.

32 01 90 23-0095	EA	1-1/2" Caliper, Tree Pruning (Crown Restoration), By Hand	61.23	
		For >25, Deduct	*-7.65*	
32 01 90 23-0096	EA	2" Caliper, Tree Pruning (Crown Restoration), By Hand	70.05	
		For >25, Deduct	*-8.76*	
32 01 90 23-0097	EA	2-1/2" Caliper, Tree Pruning (Crown Restoration), By Hand	78.77	
		For >25, Deduct	*-9.85*	
32 01 90 23-0098	EA	3" Caliper, Tree Pruning (Crown Restoration), By Hand	87.48	
		For >25, Deduct	*-10.94*	
32 01 90 23-0099	EA	4" Caliper, Tree Pruning (Crown Restoration), By Hand	132.96	
		For >25, Deduct	*-16.62*	
32 01 90 23-0100	EA	4" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment	215.53	
		For >25, Deduct	*-26.94*	
32 01 90 23-0101	EA	6" Caliper, Tree Pruning (Crown Restoration), By Hand	232.73	
		For >25, Deduct	*-29.09*	
32 01 90 23-0102	EA	6" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment	410.49	
		For >25, Deduct	*-51.31*	
32 01 90 23-0103	EA	9" Caliper, Tree Pruning (Crown Restoration), By Hand	372.72	
		For >25, Deduct	*-46.59*	
32 01 90 23-0104	EA	9" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment	656.68	
		For >25, Deduct	*-82.09*	
32 01 90 23-0105	EA	12" Caliper, Tree Pruning (Crown Restoration), By Hand	430.69	
		For >25, Deduct	*-53.84*	
32 01 90 23-0106	EA	12" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment	759.39	
		For >25, Deduct	*-94.92*	
32 01 90 23-0107	EA	18" Caliper, Tree Pruning (Crown Restoration), By Hand	500.64	
		For >25, Deduct	*-50.06*	
32 01 90 23-0108	EA	18" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment	882.56	
		For >25, Deduct	*-88.26*	
32 01 90 23-0109	EA	24" Caliper, Tree Pruning (Crown Restoration), By Hand	609.44	
		For >25, Deduct	*-60.94*	
32 01 90 23-0110	EA	24" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment	1,067.53	
		For >25, Deduct	*-106.75*	
32 01 90 23-0111	EA	30" Caliper, Tree Pruning (Crown Restoration), By Hand	757.10	
		For >25, Deduct	*-75.71*	
32 01 90 23-0112	EA	30" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment	1,345.38	
		For >25, Deduct	*-134.54*	
32 01 90 23-0113	EA	36" Caliper, Tree Pruning (Crown Restoration), By Hand	1,036.98	
		For >25, Deduct	*-103.70*	
32 01 90 23-0114	EA	36" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment	1,823.48	
		For >25, Deduct	*-182.35*	
32 01 90 23-0115	EA	48" Caliper, Tree Pruning (Crown Restoration), By Hand	1,645.06	
		For >25, Deduct	*-164.51*	
32 01 90 23-0116	EA	48" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment	2,932.40	
		For >25, Deduct	*-293.24*	

32 01 90 23-0117 Palm Tree Pruning *(32 01 90 23)*

32 01 90 23-0118	EA	Trim Mexican Palm Tree	111.35	
		For >25, Deduct	*-13.92*	
32 01 90 23-0119	EA	Trim Date Palm Tree	251.24	
		For >25, Deduct	*-31.41*	
32 01 90 23-0120	LF	Skin Palm Tree	28.55	
		For >25, Deduct	*-3.57*	
32 01 90 23-0121	EA	Trim And Skin Palm Tree, Up To 30' Height	104.69	
		For >25, Deduct	*-13.09*	
32 01 90 23-0122	EA	Trim And Skin Palm Tree, >30' To 60' Height	129.32	
		For >25, Deduct	*-16.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 90 23-0123	EA	Trim And Skin Palm Tree, >60' To 80' Height	144.71	
		For >25, Deduct	*-18.09*	

32 01 90 23-0124 Shrub Pruning *(32 01 90 23)*

32 01 90 23-0125	MSF	Shrub Pruning, Prune, Shrub Bed	119.66	
32 01 90 23-0126	EA	Shrub Pruning, Prune, Shrub Under 3' Height	4.20	
32 01 90 23-0127	EA	Shrub Pruning, Prune, Shrub 4' Height	9.45	
32 01 90 23-0128	EA	Shrub Pruning, Prune, Shrub Over 6'	16.80	
32 01 90 23-0129	EA	Shrub Pruning, Prune Trees From Ground	42.01	
32 01 90 23-0130	EA	Shrub Pruning, Prune Trees From Ground, High Work	105.02	

32 01 90 23-0131 Root Pruning *(32 01 90 23)*

Note: Cut roots cleanly after excavation with clean, sharp tools, to promote callus formation and wound closure. Wounds to be dressed with a tree rooting hormone compound. Mix soil improvements (e.g., peat moss) with fill soil to promote new root growth. Backfill the excavation and water the soil around the roots to avoid leaving air pockets.

32 01 90 23-0132	EA	Root Pruning, One Side Of Up To 1-1/2" Caliper Tree	21.01	
32 01 90 23-0133	EA	Root Pruning, One Side Of 2" Caliper Tree	26.25	
32 01 90 23-0134	EA	Root Pruning, One Side Of 2-1/2" Caliper Tree	31.51	
32 01 90 23-0135	EA	Root Pruning, One Side Of 3" Caliper Tree	42.01	
32 01 90 23-0136	EA	Root Pruning, One Side Of 4" Caliper Tree	63.02	
32 01 90 23-0137	EA	Root Pruning, One Side Of >4" To 6" Caliper Tree	78.77	
32 01 90 23-0138	EA	Root Pruning, One Side Of >6" To 9" Caliper Tree	110.28	
32 01 90 23-0139	EA	Root Pruning, One Side Of >9" To 12" Caliper Tree	126.03	
32 01 90 23-0140	EA	Root Pruning, One Side Of >12" To 18" Caliper Tree	147.03	
32 01 90 23-0141	EA	Root Pruning, One Side Of >18' To 24" Caliper Tree	183.79	
32 01 90 23-0142	EA	Root Pruning, One Side Of >24" To 30" Caliper Tree	225.80	
32 01 90 23-0143	EA	Root Pruning, One Side Of >30" To 36" Caliper Tree	262.55	
32 01 90 23-0144	EA	Root Pruning, One Side Of >36" To 42" Caliper Tree	288.81	
32 01 90 23-0145	EA	Root Pruning, One Side Of >42" To 48" Caliper Tree	315.07	

32 01 90 26 Watering *(32 01 90)*

Note: Includes delivered water. Not to be used as basis if watering with irrigation system or on-site owner provided water from hose or hydrant.

32 01 90 26-0001 Watering Lawns, Plants And Trees *(32 01 90 26)*

Note: Includes delivered water and watering truck. Not to be used as basis if watering with irrigation system or on-site owner provided water from hose or hydrant. These tasks are to be used as requested by the owner for additional watering beyond inital watering at installation for extended watering period of lawns, plants and trees.

32 01 90 26-0002	MSF	Watering Sod/Grass, Per Inch Of Water	48.40	
32 01 90 26-0003	CSF	Watering Groundcover	7.45	
32 01 90 26-0004	CSF	Watering Annuals And Perennials	13.15	
32 01 90 26-0005	EA	Watering Trees, 1-1/2" To 5" Diameter By Hand	25.32	
32 01 90 26-0006	EA	Watering Trees, 6" To 12" Diameter By Hand	33.29	
32 01 90 26-0007	EA	Watering Trees, 13" To 18" Diameter By Hand	41.25	
32 01 90 26-0008	EA	Watering Trees, >18" Diameter By Hand	50.79	
32 01 90 26-0009	EA	Watering Shrub Or Bush By Hand	12.73	

32 01 90 36 Weed and Brush Control *(32 01 90)*

32 01 90 36-0001 Herbicide, Push Or Hand Spreader Applied *(32 01 90 36)*

32 01 90 36-0002	MSF	Non-Selective Post Emergent Weed Herbicide (70.4 oz/acre or 1.62 oz/MSF)	9.61	
		For >45 To 90, Deduct	*-0.52*	
		For >90 To 225, Deduct	*-1.48*	
		For >225 To 870, Deduct	*-2.44*	
		For >870, Deduct	*-2.97*	
32 01 90 36-0003	MSF	Non-Selective Post Emergent Woody Brush And Tree Herbicide (128 oz/acre or 2.94 oz/MSF)	10.29	
		For >45 To 90, Deduct	*-0.59*	
		For >90 To 225, Deduct	*-1.62*	
		For >225 To 870, Deduct	*-2.65*	
		For >870, Deduct	*-3.24*	
32 01 90 36-0004	MSF	Selective Weed Herbicide (56 oz/Acre or 1.28 oz/MSF) Note: Includes pre and post emergent.	10.25	
		For >45 To 90, Deduct	*-0.59*	
		For >90 To 225, Deduct	*-1.61*	
		For >225 To 870, Deduct	*-2.64*	
		For >870, Deduct	*-3.22*	
32 01 90 36-0005	MSF	Selective Woody Brush And Tree Herbicide (72 oz/acre or 1.65 oz/MSF) Note: Includes pre and post emergent.	10.67	
		For >45 To 90, Deduct	*-0.63*	
		For >90 To 225, Deduct	*-1.70*	
		For >225 To 870, Deduct	*-2.76*	
		For >870, Deduct	*-3.39*	

32 01 90 39 Pesticides *(32 01 90)*

32 01 90 39-0001	MSF	Pesticide - Surface Eating	13.34	
32 01 90 39-0002	MSF	Pesticide - Subsurface Eating	13.39	
32 01 90 39-0003	MSF	Pesticide - Fungicide Application	14.45	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

32 01 90 43 Weed and Cultivate Beds *(32 01 90)*

32 01 90 43-0001	MSF	Weed Mulched Bed	51.50
32 01 90 43-0002	MSF	Weed Unmulched Bed	147.13
32 01 90 43-0003	MSF	Cultivate Bed	79.22

32 01 90 46 Hedge Trimming *(32 01 90)*

32 01 90 46-0001	LF	Trim 0-5' High Hedge, 0-3' Wide	6.78
32 01 90 46-0002	LF	Trim 0-5' High Hedge, 4-6' Wide	10.17
32 01 90 46-0003	LF	Trim 5-10' High Hedge, 0-3' Wide	15.41
32 01 90 46-0004	LF	Trim 5-10' High Hedge, 4-6' Wide	15.69

32 01 90 53 Plant Growth Regulator Application *(32 01 90)*

32 01 90 53-0001	EA	Plant Growth Regulator Application	7.49

32 10 Bases, Ballasts, and Paving *(32)*

32 11 Base Courses *(32 10)*

32 11 16 Subbase Courses *(32 11)*

32 11 16 16 Aggregate Subbase Courses *(32 11 16)*

32 11 16 16-0001 Base And Subbase Courses For Roadways And Parking Areas *(32 11 16 16)*

Note: Includes 3/4" To 1-1/2" aggregate material, hauling up to 15 miles, dumping, spreading, grading, compacting and watering. See CSI section 01 74 19 00-0040 for hauling greater than 15 miles.

32 11 16 16-0002 Base And Subbase Courses By The CY *(32 11 16 16-0001)*

32 11 16 16-0003	CY	Class II Graded Crushed Aggregate Roadway Base Course	110.48
32 11 16 16-0004	CY	Class III Graded Crushed Aggregate Roadway Base Course	105.92

32 11 16 16-0005 Class II Base Courses By The SY *(32 11 16 16-0001)*

32 11 16 16-0006	SY	2" Class II Graded Crushed Aggregate Base Course	6.04
		For Up To 500, Add	*1.53*
		For >500 To 1,000, Add	*0.60*
		For >5,000 To 10,000, Deduct	*-0.23*
		For >10,000, Deduct	*-0.39*
32 11 16 16-0007	SY	4" Class II Crushed Aggregate Base Course	12.08
		For Up To 500, Add	*3.07*
		For >500 To 1,000, Add	*1.21*
		For >5,000 To 10,000, Deduct	*-0.46*
		For >10,000, Deduct	*-0.79*
32 11 16 16-0008	SY	6" Class II Crushed Aggregate Base Course	18.12
		For Up To 500, Add	*4.60*
		For >500 To 1,000, Add	*1.81*
		For >5,000 To 10,000, Deduct	*-0.69*
		For >10,000, Deduct	*-1.18*
32 11 16 16-0009	SY	9" Class II Crushed Aggregate Base Course	27.19
		For Up To 500, Add	*6.90*
		For >500 To 1,000, Add	*2.72*
		For >5,000 To 10,000, Deduct	*-1.03*
		For >10,000, Deduct	*-1.77*
32 11 16 16-0010	SY	12" Class II Crushed Aggregate Base Course	36.26
		For Up To 500, Add	*9.21*
		For >500 To 1,000, Add	*3.63*
		For >5,000 To 10,000, Deduct	*-1.38*
		For >10,000, Deduct	*-2.36*

32 11 23 Aggregate Base Courses *(32 11)*

32 11 23 16 Aggregate Base Courses *(32 11 23)*

32 11 23 16-0001 Base Courses For Sidewalk (Asphalt Or Concrete) *(32 11 23 16)*

Note: Includes material, hauling up to 15 miles, placement, spreading, grading, and compaction. See CSI section 01 74 19 00-0040 for hauling greater than 15 miles.

32 11 23 16-0002	SF	2" Crushed Aggregate Base Course For Sidewalks	0.76
		For Up To 1,000, Add	*0.21*
		For >1,000 To 2,500, Add	*0.08*
32 11 23 16-0003	SF	3" Crushed Aggregate Base Course For Sidewalks	1.05
		For Up To 1,000, Add	*0.29*
		For >1,000 To 2,500, Add	*0.11*
32 11 23 16-0004	SF	4" Crushed Aggregate Base Course For Sidewalks	1.36
		For Up To 1,000, Add	*0.38*
		For >1,000 To 2,500, Add	*0.14*
32 11 23 16-0005	SF	5" Crushed Aggregate Base Course For Sidewalks	1.78
		For Up To 1,000, Add	*0.49*
		For >1,000 To 2,500, Add	*0.18*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 11 23 16-0006	SF	6" Crushed Aggregate Base Course For Sidewalks	2.19	
		For Up To 1,000, Add	*0.60*	
		For >1,000 To 2,500, Add	*0.22*	
32 11 23 16-0007	SF	7" Crushed Aggregate Base Course For Sidewalks	2.52	
		For Up To 1,000, Add	*0.69*	
		For >1,000 To 2,500, Add	*0.25*	
32 11 23 16-0008	SF	8" Crushed Aggregate Base Course For Sidewalks	2.85	
		For Up To 1,000, Add	*0.79*	
		For >1,000 To 2,500, Add	*0.29*	

32 11 26 Asphaltic Base Courses *(32 11)*

32 11 26 19 Bituminous-Stabilized Base Courses *(32 11 26)*

32 11 26 19-0001 Bituminous-Stabilized Base Courses *(32 11 26 19)*

32 11 26 19-0002	CY	Bituminous Stabilized Base Course Note: 3/4" ASTM C33.	128.75	

32 12 Flexible Paving *(32 10)*

32 12 13 Preparatory Coats *(32 12)*

32 12 13 13 Tack Coats *(32 12 13)*

32 12 13 13-0001	SY	Tack Coat, 0.04 Gallon/SY	0.66	
		For Up To 150, Add	*0.13*	
		For >150 To 300, Add	*0.07*	
		For >300 To 500, Add	*0.03*	
		For >3,500 To 5,000, Deduct	*-0.02*	
		For >5,000, Deduct	*-0.04*	
32 12 13 13-0002	SY	Tack Coat, 0.05 Gallon/SY	0.73	
		For Up To 150, Add	*0.14*	
		For >150 To 300, Add	*0.07*	
		For >300 To 500, Add	*0.04*	
		For >3,500 To 5,000, Deduct	*-0.02*	
		For >5,000, Deduct	*-0.05*	
32 12 13 13-0003	SY	Tack Coat, 0.07 Gallon/SY	0.86	
		For Up To 150, Add	*0.18*	
		For >150 To 300, Add	*0.09*	
		For >300 To 500, Add	*0.04*	
		For >3,500 To 5,000, Deduct	*-0.02*	
		For >5,000, Deduct	*-0.05*	
32 12 13 13-0004	SY	Tack Coat, 0.08 Gallon/SY	0.93	
		For Up To 150, Add	*0.19*	
		For >150 To 300, Add	*0.09*	
		For >300 To 500, Add	*0.05*	
		For >3,500 To 5,000, Deduct	*-0.02*	
		For >5,000, Deduct	*-0.06*	
32 12 13 13-0005	SY	Tack Coat, 0.10 Gallon/SY	1.07	
		For Up To 150, Add	*0.23*	
		For >150 To 300, Add	*0.11*	
		For >300 To 500, Add	*0.05*	
		For >3,500 To 5,000, Deduct	*-0.03*	
		For >5,000, Deduct	*-0.07*	
32 12 13 13-0006	SY	Tack Coat, 0.11 Gallon/SY	1.13	
		For Up To 150, Add	*0.24*	
		For >150 To 300, Add	*0.11*	
		For >300 To 500, Add	*0.06*	
		For >3,500 To 5,000, Deduct	*-0.03*	
		For >5,000, Deduct	*-0.08*	

32 12 13 19 Prime Coats *(32 12 13)*

32 12 13 19-0001	SY	Surface Prime Coat, 0.26 Gallon/SY	1.89	
		For Up To 150, Add	*0.43*	
		For >150 To 300, Add	*0.19*	
		For >300 To 500, Add	*0.09*	
		For >3,500 To 5,000, Deduct	*-0.05*	
		For >5,000, Deduct	*-0.13*	
32 12 13 19-0002	SY	Surface Prime Coat, 0.28 Gallon/SY	2.00	
		For Up To 150, Add	*0.45*	
		For >150 To 300, Add	*0.20*	
		For >300 To 500, Add	*0.10*	
		For >3,500 To 5,000, Deduct	*-0.05*	
		For >5,000, Deduct	*-0.14*	
32 12 13 19-0003	SY	Surface Prime Coat, 0.30 Gallon/SY	2.10	
		For Up To 150, Add	*0.48*	
		For >150 To 300, Add	*0.21*	
		For >300 To 500, Add	*0.11*	
		For >3,500 To 5,000, Deduct	*-0.05*	
		For >5,000, Deduct	*-0.15*	

32 12 16 Asphalt Paving *(32 12)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

32 12 16 13 Plant-Mix Asphalt Paving *(32 12 16)*

Note: Includes delivery up to 15 miles, placement, rolling, finishing and sweeping. Excludes base, tack or price coat, seal coats and roadway fabrics (where required). See CSI section 01 74 19 00-0040 for hauling greater than 15 miles, 32 11 00 00-0000 for base courses, 32 12 13 13-0000 for tack coats, 32 12 13 19-0000 for prime coats, 32 12 16 39-0000 for roadway fabrics, 32 12 36 00-0000 for seal coats.

32 12 16 13-0001 Intermediate Binder Courses, Hot Mix Asphalt (HMA) *(32 12 16 13)*

Note: S (3/4") aggregate gradation

32 12 16 13-0002	TON	Bituminous Hot Mix Intermediate Binder Course 3,954 Lb./CY Note: Includes Type A and Type B with 1/2" to 3/4" course or medium aggregate, placement, rolling, finishing and sweeping. Used for applications not described elsewhere in this section.	179.97	
		For PG64-10 Asphalt, Add	*21.71*	
		For Warm Mix Additive, Add	*9.41*	
		For Up To 25, Add	*24.34*	
		For >25 To 50, Add	*13.40*	
		For >500 To 1,000, Deduct	*-7.76*	
		For >1,000 To 2,500, Deduct	*-14.08*	
		For >2,500 To 5,000, Deduct	*-21.84*	
		For >5,000, Deduct	*-31.31*	
32 12 16 13-0003	SY	1" Thick Bituminous Hot Mix Intermediate Binder Course Note: Includes placement, rolling, finishing and sweeping.	10.18	
		For PG64-10 Asphalt, Add	*1.19*	
		For Up To 1,000, Add	*1.42*	
		For >1,000 To 2,000, Add	*0.79*	
		For >10,000 To 20,000, Deduct	*-0.44*	
		For >20,000 To 50,000, Deduct	*-0.80*	
		For >50,000 To 100,000, Deduct	*-1.25*	
		For >100,000, Deduct	*-1.79*	
32 12 16 13-0004	SY	1-1/2" Thick Bituminous Hot Mix Intermediate Binder Course Note: Includes placement, rolling, finishing and sweeping.	15.11	
		For PG64-10 Asphalt, Add	*1.79*	
		For Up To 700, Add	*2.09*	
		For >700 To 1,400, Add	*1.15*	
		For >7,000 To 14,000, Deduct	*-0.66*	
		For >14,000 To 32,000, Deduct	*-1.20*	
		For >32,000 To 64,000, Deduct	*-1.86*	
		For >64,000, Deduct	*-2.67*	
32 12 16 13-0005	SY	2" Thick Bituminous Hot Mix Intermediate Binder Course Note: Includes placement, rolling, finishing and sweeping.	19.58	
		For PG64-10 Asphalt, Add	*2.39*	
		For Up To 500, Add	*2.62*	
		For >500 To 1,000, Add	*1.44*	
		For >5,000 To 10,000, Deduct	*-0.87*	
		For >10,000 To 24,000, Deduct	*-1.58*	
		For >24,000 To 48,000, Deduct	*-2.45*	
		For >48,000, Deduct	*-3.51*	
32 12 16 13-0006	SY	2-1/2" Thick Bituminous Hot Mix Intermediate Binder Course Note: Includes placement, rolling, finishing and sweeping.	24.71	
		For PG64-10 Asphalt, Add	*2.98*	
		For Up To 400, Add	*3.34*	
		For >400 To 800, Add	*1.84*	
		For >4,000 To 8,000, Deduct	*-1.09*	
		For >8,000 To 20,000, Deduct	*-1.98*	
		For >20,000 To 40,000, Deduct	*-3.07*	
		For >40,000, Deduct	*-4.41*	
32 12 16 13-0007	SY	3" Thick Bituminous Hot Mix Intermediate Binder Course Note: Includes placement, rolling, finishing and sweeping.	29.65	
		For PG64-10 Asphalt, Add	*3.58*	
		For Up To 340, Add	*4.01*	
		For >340 To 680, Add	*3.40*	
		For >3,400 To 6,800, Deduct	*-1.31*	
		For >6,800 To 17,000, Deduct	*-2.38*	
		For >17,000 To 34,000, Deduct	*-3.69*	
		For >34,000, Deduct	*-5.29*	
32 12 16 13-0008	SY	3-1/2" Thick Bituminous Hot Mix Intermediate Binder Course Note: Includes placement, rolling, finishing and sweeping.	34.59	
		For PG64-10 Asphalt, Add	*4.17*	
		For Up To 280, Add	*4.68*	
		For >280 To 560, Add	*2.58*	
		For >2,800 To 5,600, Deduct	*-1.53*	
		For >5,600 To 14,000, Deduct	*-2.77*	
		For >14,000 To 28,000, Deduct	*-4.30*	
		For >28,000, Deduct	*-6.17*	
32 12 16 13-0009	SY	4" Thick Bituminous Hot Mix Intermediate Binder Course Note: Includes placement, rolling, finishing and sweeping.	39.53	
		For PG64-10 Asphalt, Add	*4.77*	
		For Up To 250, Add	*5.35*	
		For >250 To 500, Add	*2.94*	
		For >2,500 To 5,000, Deduct	*-1.74*	
		For >5,000 To 12,000, Deduct	*-3.17*	
		For >12,000 To 24,000, Deduct	*-4.92*	
		For >24,000, Deduct	*-7.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 12 16 13-0010	SY	5" Thick Bituminous Hot Mix Intermediate Binder Course Note: Includes placement, rolling, finishing and sweeping.	49.42	
		For PG64-10 Asphalt, Add	*5.96*	
		For Up To 200, Add	*6.68*	
		For >200 To 400, Add	*3.68*	
		For >2,000 To 4,000, Deduct	*-2.18*	
		For >4,000 To 10,000, Deduct	*-3.96*	
		For >10,000 To 20,000, Deduct	*-6.14*	
		For >20,000, Deduct	*-8.82*	
32 12 16 13-0011	SY	6" Thick Bituminous Hot Mix Intermediate Binder Course Note: Includes placement, rolling, finishing and sweeping.	59.29	
		For PG64-10 Asphalt, Add	*7.15*	
		For Up To 160, Add	*8.02*	
		For >160 To 320, Add	*4.41*	
		For >1,600 To 3,200, Deduct	*-2.62*	
		For >3,200 To 8,000, Deduct	*-4.76*	
		For >8,000 To 16,000, Deduct	*-7.37*	
		For >16,000, Deduct	*-10.58*	

32 12 16 13-0012 Surface Wearing Courses, Hot Mix Asphalt (HMA) *(32 12 16 13)*

Note: SX (1/2") aggregate gradation

32 12 16 13-0013	TON	Bituminous Hot Mix Surface Wearing Course 3,774 Lb./CY Note: Includes Type A and Type B with 1/2" to 3/4" course or medium aggregate, placement, rolling, finishing and sweeping. Used for applications not described elsewhere in this section.	182.17	
		For PG64-10 Asphalt, Add	*10.36*	
		For Warm Mix Additive, Add	*8.98*	
		For Up To 25, Add	*26.14*	
		For >25 To 50, Add	*14.61*	
		For >500 To 1,000, Deduct	*-7.56*	
		For >1,000 To 2,500, Deduct	*-13.74*	
		For >2,500 To 5,000, Deduct	*-21.31*	
		For >5,000, Deduct	*-30.58*	
32 12 16 13-0014	TON	Tire Rubber Modified Paving Asphalt (TRMAC) Surface Course (MAC-15TR) Note: Includes 1/2" to 3/4" course or medium aggregate, placement, rolling, finishing and sweeping.	201.94	
		For Warm Mix Additive, Add	*9.79*	
		For Up To 25, Add	*29.44*	
		For >25 To 50, Add	*16.52*	
		For >500 To 1,000, Deduct	*-8.29*	
		For >1,000 To 2,500, Deduct	*-15.08*	
		For >2,500 To 5,000, Deduct	*-23.37*	
		For >5,000, Deduct	*-33.55*	
32 12 16 13-0015	TON	Asphalt Rubberized Hot Mix (ARHM) Surface Course Note: Includes 1/2" to 3/4" course or medium aggregate, placement, rolling, finishing and sweeping.	215.75	
		For Warm Mix Additive, Add	*10.68*	
		For Up To 25, Add	*30.82*	
		For >25 To 50, Add	*17.21*	
		For >500 To 1,000, Deduct	*-8.98*	
		For >1,000 To 2,500, Deduct	*-16.32*	
		For >2,500 To 5,000, Deduct	*-25.31*	
		For >5,000, Deduct	*-36.32*	
32 12 16 13-0016	SY	1" Thick Bituminous Hot Mix Surface Wearing Course Note: Includes placement, rolling, finishing and sweeping.	9.89	
		For PG64-10 Asphalt, Add	*0.54*	
		For Up To 1,000, Add	*1.47*	
		For >1,000 To 2,000, Add	*0.83*	
		For >10,000 To 20,000, Deduct	*-0.42*	
		For >20,000 To 50,000, Deduct	*-0.76*	
		For >50,000 To 100,000, Deduct	*-1.17*	
		For >100,000, Deduct	*-1.69*	
32 12 16 13-0017	SY	1-1/2" Thick Bituminous Hot Mix Surface Wearing Course Note: Includes placement, rolling, finishing and sweeping.	14.66	
		For PG64-10 Asphalt, Add	*0.81*	
		For Up To 700, Add	*2.15*	
		For >700 To 1,400, Add	*1.21*	
		For >7,000 To 14,000, Deduct	*-0.62*	
		For >14,000 To 32,000, Deduct	*-1.13*	
		For >32,000 To 64,000, Deduct	*-1.75*	
		For >64,000, Deduct	*-2.51*	
32 12 16 13-0018	SY	2" Thick Bituminous Hot Mix Surface Wearing Course Note: Includes placement, rolling, finishing and sweeping.	18.88	
		For PG64-10 Asphalt, Add	*1.09*	
		For Up To 500, Add	*2.68*	
		For >500 To 1,000, Add	*1.49*	
		For >5,000 To 10,000, Deduct	*-0.81*	
		For >10,000 To 24,000, Deduct	*-1.48*	
		For >24,000 To 48,000, Deduct	*-2.29*	
		For >48,000, Deduct	*-3.29*	
32 12 16 13-0019	SY	2-1/2" Thick Bituminous Hot Mix Surface Wearing Course Note: Includes placement, rolling, finishing and sweeping.	23.87	
		For PG64-10 Asphalt, Add	*1.36*	
		For Up To 400, Add	*3.43*	
		For >400 To 800, Add	*1.91*	
		For >4,000 To 8,000, Deduct	*-1.02*	
		For >8,000 To 20,000, Deduct	*-1.86*	
		For >20,000 To 40,000, Deduct	*-2.88*	
		For >40,000, Deduct	*-4.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 12 16 13-0020	SY	3" Thick Bituminous Hot Mix Surface Wearing Course Note: Includes placement, rolling, finishing and sweeping.	28.64	
		For PG64-10 Asphalt, Add	*1.63*	
		For Up To 340, Add	*4.11*	
		For >340 To 680, Add	*3.38*	
		For >3,400 To 6,800, Deduct	*-1.22*	
		For >6,800 To 17,000, Deduct	*-2.23*	
		For >17,000 To 34,000, Deduct	*-3.46*	
		For >34,000, Deduct	*-4.97*	
32 12 16 13-0021	CSF	Type F Asphalt Surface Cap 1/8" To 1/4" Thick For Use Only On Top Concrete Filled Trench	99.54	

32 12 16 13-0022 Hand Placed, Hot Mix Asphalt (HMA) *(32 12 16 13)*

32 12 16 13-0023	TON	Hand Placed Hot Mixed Asphalt 3,954 Lb./CY Note: For small areas not reachable by machine. Includes placement, rolling, finishing and sweeping.	431.50	

32 12 16 19 Cold-Mix Asphalt Paving *(32 12 16)*

Note: 0.5 Gal asphalt/SY per inch depth; well graded granular aggregate.

32 12 16 19-0001 Cold Mix Asphalt (CMA) Pavement *(32 12 16 19)*

Note: 0.5 Gal asphalt/SY per inch depth; well-graded granular aggregate.

32 12 16 19-0002	SY	Cold Laid Asphalt Pavement, Traveling Plant Mixed In Windrows, Compacted 4" Course	16.01	
32 12 16 19-0003	SY	Cold Laid Asphalt Pavement, Rotary Plant Mixed In Place, Compacted 4" Course	15.60	
32 12 16 19-0004	SY	Cold Laid Asphalt Pavement, Central Stationary Plant, Mixed, Compacted 4" Course	25.47	

32 12 16 39 Paving Fabrics *(32 12 16)*

See CSI section 31 32 19 16-0000 for geotextile fabric.

32 12 16 39-0001 Geotextile Paving Fabrics *(32 12 16 39)*

32 12 16 39-0002	SY	3.6 Ounce/SY, 90 Lb. Grab Tensile Nonwoven Polypropylene Geotextile Paving Fabric (Carthage Mills FX-38A/O)	1.97	
		For Up To 50, Add	*0.44*	
		For >50 To 150, Add	*0.33*	
		For >150 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.11*	
32 12 16 39-0003	SY	4.1 Ounce/SY, 101 Lb. Grab Tensile Nonwoven Polypropylene Geotextile Paving Fabric (Carthage Mills FX-42 A/O)	2.12	
		For Up To 50, Add	*0.47*	
		For >50 To 150, Add	*0.35*	
		For >150 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.11*	

32 12 16 43 Waterproofing Membranes *(32 12 16)*

32 12 16 43-0001 Waterproofing Membranes *(32 12 16 43)*

32 12 16 43-0002	SY	Up To 500 SY, Preformed Rubberized Asphalt Membrane	41.22	
32 12 16 43-0003	SY	>500 To 1,000 SY, Preformed Rubberized Asphalt Membrane	31.04	
32 12 16 43-0004	SY	>1,000 SY, Preformed Rubberized Asphalt Membrane	19.50	

32 12 33 Flexible Paving Surface Treatments *(32 12)*

32 12 33 00-0001 Bituminous Surface Treatment For Roadways *(32 12 33)*

Note: 0.25 Gal bitumen per SY and 30 lb of gravel/SY.

32 12 33 00-0002	SY	Single Course Bituminous Treatment, Prepare And Clean Surface Roadway	3.68	
32 12 33 00-0003	SY	Double Course Bituminous Treatment, Prepare And Clean Surface Roadway	6.58	

32 12 33 00-0004 Bituminous Surface Treatment For Trails *(32 12 33)*

Note: 0.25 Gal bitumen per SY and 20 lb of gravel/SY.

32 12 33 00-0005	SY	Bituminous Surface Treatment, For Trails	2.58	

32 12 36 Seal Coats *(32 12)*

See CSI section 32 01 13 62-0000 for slurry seal.

32 12 36 13 Asphaltic Seal and Fog Coats *(32 12 36)*

32 12 36 13-0001 Asphalt Emulsion Seal Coat (Chip Seal) *(32 12 36 13)*

Note: Includes initial sweeping prior to placement, cleaning of area, rolling and final sweeping. Excludes crack repair, fog sealer, and any additional consecutive days sweeping following final sweeping.

32 12 36 13-0002 Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) *(32 12 36 13-0001)*

Note: 12 to 20 Pounds Per SY of 1/4" No. 10 with 0.15 to 0.30 gallons asphalt emulsion per SY.

32 12 36 13-0003	SY	Up To 200 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.42	
		For Each Additional 0.5% Latex Additive, Add	*0.63*	
32 12 36 13-0004	SY	>200 To 500 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.91	
		For Each Additional 0.5% Latex Additive, Add	*0.63*	
32 12 36 13-0005	SY	>500 To 1,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.70	
		For Each Additional 0.5% Latex Additive, Add	*0.63*	
32 12 36 13-0006	SY	>1,000 To 5,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.44	
		For Each Additional 0.5% Latex Additive, Add	*0.63*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 12 36 13-0007	SY	>5,000 To 10,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.31	
		For Each Additional 0.5% Latex Additive, Add	*0.63*	
32 12 36 13-0008	SY	>10,000 To 20,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.20	
		For Each Additional 0.5% Latex Additive, Add	*0.63*	
32 12 36 13-0009	SY	>20,000 To 50,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.07	
		For Each Additional 0.5% Latex Additive, Add	*0.63*	
32 12 36 13-0010	SY	>50,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.00	
		For Each Additional 0.5% Latex Additive, Add	*0.63*	

32 12 36 13-0011 Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) *(32 12 36 13-0001)*

Note: 16 to 25 Pounds Per SY of 5/16" No. 8 with 0.25 to 0.35 gallons asphalt emulsion per SY.

32 12 36 13-0012	SY	Up To 200 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	6.31	
		For Each Additional 0.5% Latex Additive, Add	*0.78*	
32 12 36 13-0013	SY	>200 To 500 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.74	
		For Each Additional 0.5% Latex Additive, Add	*0.78*	
32 12 36 13-0014	SY	>500 To 1,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.46	
		For Each Additional 0.5% Latex Additive, Add	*0.78*	
32 12 36 13-0015	SY	>1,000 To 5,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.31	
		For Each Additional 0.5% Latex Additive, Add	*0.78*	
32 12 36 13-0016	SY	>5,000 To 10,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.00	
		For Each Additional 0.5% Latex Additive, Add	*0.78*	
32 12 36 13-0017	SY	>10,000 To 20,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.81	
		For Each Additional 0.5% Latex Additive, Add	*0.78*	
32 12 36 13-0018	SY	>20,000 To 50,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.66	
		For Each Additional 0.5% Latex Additive, Add	*0.78*	
32 12 36 13-0019	SY	>50,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.57	
		For Each Additional 0.5% Latex Additive, Add	*0.78*	

32 12 36 13-0020 Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)

(32 12 36 13-0001)

Note: 20 to 30 Pounds Per SY of 3/8" No. 6 with 0.25 to 0.40 gallons asphalt emulsion per SY.

32 12 36 13-0021	SY	Up To 200 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	7.10	
		For Each Additional 0.5% Latex Additive, Add	*0.93*	
32 12 36 13-0022	SY	>200 To 500 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	6.46	
		For Each Additional 0.5% Latex Additive, Add	*0.93*	
32 12 36 13-0023	SY	>500 To 1,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	6.14	
		For Each Additional 0.5% Latex Additive, Add	*0.93*	
32 12 36 13-0024	SY	>1,000 To 5,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.79	
		For Each Additional 0.5% Latex Additive, Add	*0.93*	
32 12 36 13-0025	SY	>5,000 To 10,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.59	
		For Each Additional 0.5% Latex Additive, Add	*0.93*	
32 12 36 13-0026	SY	>10,000 To 20,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.32	
		For Each Additional 0.5% Latex Additive, Add	*0.93*	
32 12 36 13-0027	SY	>20,000 To 50,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.13	
		For Each Additional 0.5% Latex Additive, Add	*0.93*	
32 12 36 13-0028	SY	>50,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.04	
		For Each Additional 0.5% Latex Additive, Add	*0.93*	

32 12 36 13-0029 Course Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)

(32 12 36 13-0001)

Note: 23 to 35 Pounds Per SY of 1/2" No. 4 with 0.30 to 0.40 gallons asphalt emulsion per SY.

32 12 36 13-0030	SY	Up To 200 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	7.18	
		For Each Additional 0.5% Latex Additive, Add	*1.07*	
32 12 36 13-0031	SY	>200 To 500 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	6.53	
		For Each Additional 0.5% Latex Additive, Add	*1.07*	
32 12 36 13-0032	SY	>500 To 1,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	6.22	
		For Each Additional 0.5% Latex Additive, Add	*1.07*	
32 12 36 13-0033	SY	>1,000 To 5,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.86	
		For Each Additional 0.5% Latex Additive, Add	*1.07*	
32 12 36 13-0034	SY	>5,000 To 10,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.67	
		For Each Additional 0.5% Latex Additive, Add	*1.07*	
32 12 36 13-0035	SY	>10,000 To 20,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.49	
		For Each Additional 0.5% Latex Additive, Add	*1.07*	
32 12 36 13-0036	SY	>20,000 To 50,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.22	
		For Each Additional 0.5% Latex Additive, Add	*1.07*	
32 12 36 13-0037	SY	>50,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.12	
		For Each Additional 0.5% Latex Additive, Add	*1.07*	

32 12 36 13-0038 Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) *(32 12 36 13-0001)*

Note: First coat 23 to 30 Pounds Per SY of 1/2" No. 4 with 0.20 to 0.35 gallons asphalt emulsion per SY, Second coat 12 to 20 Pounds Per SY of 1/4" No. 10 with 0.20 to 0.30 gallons asphalt emulsion per SY.

32 12 36 13-0039	SY	Up To 200 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	10.87	
		For Each Additional 0.5% Latex Additive, Add	*1.54*	
32 12 36 13-0040	SY	>200 To 500 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	10.04	
		For Each Additional 0.5% Latex Additive, Add	*1.54*	
32 12 36 13-0041	SY	>500 To 1,000 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	9.57	
		For Each Additional 0.5% Latex Additive, Add	*1.54*	
32 12 36 13-0042	SY	>1,000 To 5,000 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	9.03	
		For Each Additional 0.5% Latex Additive, Add	*1.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 12 36 13-0043	SY	>5,000 To 10,000 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	8.75	
		For Each Additional 0.5% Latex Additive, Add	*1.54*	
32 12 36 13-0044	SY	>10,000 To 20,000 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	8.41	
		For Each Additional 0.5% Latex Additive, Add	*1.54*	
32 12 36 13-0045	SY	>20,000 To 50,000 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	8.13	
		For Each Additional 0.5% Latex Additive, Add	*1.54*	
32 12 36 13-0046	SY	>50,000 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	7.99	
		For Each Additional 0.5% Latex Additive, Add	*1.54*	

32 12 36 13-0047 Asphalt Emulsion Seal Coat (Scrub Seal) *(32 12 36 13)*

Note: Includes initial sweeping prior to placement, cleaning of area, towed broom sled of scrub brush and final sweeping. Excludes crack repair, fog sealer, and any additional consecutive days sweeping following final sweeping. See CSI section 32 12 36 13-0084 for fog seal.

32 12 36 13-0048 Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal) *(32 12 36 13-0047)*

Note: 12 to 20 Pounds Per SY of 1/4" No. 10 with 0.15 to 0.30 gallons asphalt emulsion per SY.

32 12 36 13-0049	SY	Up To 200 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.92	
		For Each Additional 0.5% Latex Additive, Add	*0.63*	
32 12 36 13-0050	SY	>200 To 500 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.64	
		For Each Additional 0.5% Latex Additive, Add	*0.63*	
32 12 36 13-0051	SY	>500 To 1,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.43	
		For Each Additional 0.5% Latex Additive, Add	*0.63*	
32 12 36 13-0052	SY	>1,000 To 5,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.22	
		For Each Additional 0.5% Latex Additive, Add	*0.63*	
32 12 36 13-0053	SY	>5,000 To 10,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.12	
		For Each Additional 0.5% Latex Additive, Add	*0.63*	
32 12 36 13-0054	SY	>10,000 To 20,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.01	
		For Each Additional 0.5% Latex Additive, Add	*0.63*	
32 12 36 13-0055	SY	>20,000 To 50,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	3.90	
		For Each Additional 0.5% Latex Additive, Add	*0.63*	
32 12 36 13-0056	SY	>50,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	3.86	
		For Each Additional 0.5% Latex Additive, Add	*0.63*	

32 12 36 13-0057 Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal) *(32 12 36 13-0047)*

Note: 16 to 25 Pounds Per SY of 5/16" No. 8 with 0.25 to 0.35 gallons asphalt emulsion per SY.

32 12 36 13-0058	SY	Up To 200 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	5.84	
		For Each Additional 0.5% Latex Additive, Add	*0.78*	
32 12 36 13-0059	SY	>200 To 500 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	5.50	
		For Each Additional 0.5% Latex Additive, Add	*0.78*	
32 12 36 13-0060	SY	>500 To 1,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	5.27	
		For Each Additional 0.5% Latex Additive, Add	*0.78*	
32 12 36 13-0061	SY	>1,000 To 5,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	5.12	
		For Each Additional 0.5% Latex Additive, Add	*0.78*	
32 12 36 13-0062	SY	>5,000 To 10,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.82	
		For Each Additional 0.5% Latex Additive, Add	*0.78*	
32 12 36 13-0063	SY	>10,000 To 20,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.64	
		For Each Additional 0.5% Latex Additive, Add	*0.78*	
32 12 36 13-0064	SY	>20,000 To 50,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.49	
		For Each Additional 0.5% Latex Additive, Add	*0.78*	
32 12 36 13-0065	SY	>50,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.44	
		For Each Additional 0.5% Latex Additive, Add	*0.78*	

32 12 36 13-0066 Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal) *(32 12 36 13-0047)*

Note: 20 to 30 Pounds Per SY of 3/8" No. 6 with 0.25 to 0.40 gallons asphalt emulsion per SY.

32 12 36 13-0067	SY	Up To 200 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	6.68	
		For Each Additional 0.5% Latex Additive, Add	*0.93*	
32 12 36 13-0068	SY	>200 To 500 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	6.25	
		For Each Additional 0.5% Latex Additive, Add	*0.93*	
32 12 36 13-0069	SY	>500 To 1,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	5.94	
		For Each Additional 0.5% Latex Additive, Add	*0.93*	
32 12 36 13-0070	SY	>1,000 To 5,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	5.60	
		For Each Additional 0.5% Latex Additive, Add	*0.93*	
32 12 36 13-0071	SY	>5,000 To 10,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	5.41	
		For Each Additional 0.5% Latex Additive, Add	*0.93*	
32 12 36 13-0072	SY	>10,000 To 20,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	5.14	
		For Each Additional 0.5% Latex Additive, Add	*0.93*	
32 12 36 13-0073	SY	>20,000 To 50,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.96	
		For Each Additional 0.5% Latex Additive, Add	*0.93*	
32 12 36 13-0074	SY	>50,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.90	
		For Each Additional 0.5% Latex Additive, Add	*0.93*	

32 12 36 13-0075 Course Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal) *(32 12 36 13-0047)*

Note: 23 to 35 Pounds Per SY of 1/2" No. 4 with 0.30 to 0.40 gallons asphalt emulsion per SY.

32 12 36 13-0076	SY	Up To 200 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	6.77	
		For Each Additional 0.5% Latex Additive, Add	*1.07*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 12 36 13-0077	SY	>200 To 500 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	6.34	
		For Each Additional 0.5% Latex Additive, Add	*1.07*	
32 12 36 13-0078	SY	>500 To 1,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	6.02	
		For Each Additional 0.5% Latex Additive, Add	*1.07*	
32 12 36 13-0079	SY	>1,000 To 5,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	5.66	
		For Each Additional 0.5% Latex Additive, Add	*1.07*	
32 12 36 13-0080	SY	>5,000 To 10,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	5.48	
		For Each Additional 0.5% Latex Additive, Add	*1.07*	
32 12 36 13-0081	SY	>10,000 To 20,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	5.31	
		For Each Additional 0.5% Latex Additive, Add	*1.07*	
32 12 36 13-0082	SY	>20,000 To 50,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	5.07	
		For Each Additional 0.5% Latex Additive, Add	*1.07*	
32 12 36 13-0083	SY	>50,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	5.00	
		For Each Additional 0.5% Latex Additive, Add	*1.07*	

32 12 36 13-0084 Fog Seal, CQS-1h *(32 12 36 13)*

Note: A fog seal is a light application of diluted, slow-setting asphalt emulsion without aggregate cover. Includes sweeping and cleaning of area.

32 12 36 13-0085	SY	Up To 200 SY, CQS-1h, Fog Seal	2.02	
32 12 36 13-0086	SY	>200 To 500 SY, CQS-1h, Fog Seal	1.48	
32 12 36 13-0087	SY	>500 To 1,000 SY, CQS-1h, Fog Seal	1.26	
32 12 36 13-0088	SY	>1,000 To 5,000 SY, CQS-1h, Fog Seal	1.08	
32 12 36 13-0089	SY	>5,000 To 10,000 SY, CQS-1h, Fog Seal	0.99	
32 12 36 13-0090	SY	>10,000 To 20,000 SY, CQS-1h, Fog Seal	0.92	
32 12 36 13-0091	SY	>20,000 To 50,000 SY, CQS-1h, Fog Seal	0.85	
32 12 36 13-0092	SY	>50,000 SY, CQS-1h, Fog Seal	0.83	

32 12 36 13-0093 Sand Sealer *(32 12 36 13)*

Note: A sand seal is an application of asphalt binder followed by placement of a layer of sand or fine aggregate, and then rolled to embed the sand or fine aggregate into the binder. Includes sweeping and cleaning of area.

32 12 36 13-0094	SY	Up To 200 SY, Sand Seal	2.90	
32 12 36 13-0095	SY	>200 To 500 SY, Sand Seal	1.93	
32 12 36 13-0096	SY	>500 To 1,000 SY, Sand Seal	1.92	
32 12 36 13-0097	SY	>1,000 To 5,000 SY, Sand Seal	1.69	
32 12 36 13-0098	SY	>5,000 To 10,000 SY, Sand Seal	1.57	
32 12 36 13-0099	SY	>10,000 To 20,000 SY, Sand Seal	1.47	
32 12 36 13-0100	SY	>20,000 To 50,000 SY, Sand Seal	1.39	
32 12 36 13-0101	SY	>50,000 SY, Sand Seal	1.37	

32 12 36 16 Coal Tar Seal Coats *(32 12 36)*

32 12 36 16-0001 Thermoplastic Coal-Tar Asphalt Seal *(32 12 36 16)*

Note: Includes sweeping and cleaning of area.

32 12 36 16-0002	SY	Up To 500 SY, Type I Thermoplastic Coal-Tar Asphalt Seal	17.36	
32 12 36 16-0003	SY	>500 To 1,000 SY, Type I Thermoplastic Coal-Tar Asphalt Seal	16.36	
32 12 36 16-0004	SY	>1,000 To 5,000 SY, Type I Thermoplastic Coal-Tar Asphalt Seal	14.43	
32 12 36 16-0005	SY	>5,000 To 20,000 SY, Type I Thermoplastic Coal-Tar Asphalt Seal	12.98	
32 12 36 16-0006	SY	>20,000 To 50,000 SY, Type I Thermoplastic Coal-Tar Asphalt Seal	11.06	
32 12 36 16-0007	SY	>50,000 SY, Type I Thermoplastic Coal-Tar Asphalt Seal	9.13	
32 12 36 16-0008	SY	Up To 500 SY, Type II Thermoplastic Coal-Tar Asphalt Seal	21.18	
32 12 36 16-0009	SY	>500 To 1,000 SY, Type II Thermoplastic Coal-Tar Asphalt Seal	20.04	
32 12 36 16-0010	SY	>1,000 To 5,000 SY, Type II Thermoplastic Coal-Tar Asphalt Seal	17.72	
32 12 36 16-0011	SY	>5,000 To 20,000 SY, Type II Thermoplastic Coal-Tar Asphalt Seal	16.01	
32 12 36 16-0012	SY	>20,000 To 50,000 SY, Type II Thermoplastic Coal-Tar Asphalt Seal	13.69	
32 12 36 16-0013	SY	>50,000 SY, Type II Thermoplastic Coal-Tar Asphalt Seal	11.37	

32 12 36 23 Fuel-Resistant Sealers *(32 12 36)*

32 12 36 23-0001 Guardtop Seal Coat *(32 12 36 23)*

Note: Includes sweeping and cleaning of area.

32 12 36 23-0002	SY	GuardTop® Asphalt Based Sealcoat (Two Coats)	3.32	
		For 3% Polyglass Additive, Add	*0.40*	
		For 6% Polyglass Additive, Add	*0.72*	
		For Guardtop Black Sand 60 Mesh Additive (At 3 Pounds Per Gallon), Add	*0.27*	
32 12 36 23-0003	LF	GuardTop® Cold Pour Crack Filler	1.38	
32 12 36 23-0004	LF	GuardTop® Hot Pour Crack Filler	1.58	
32 12 36 23-0005	SY	GuardTop® Oil Spot Primer For Asphalt	6.11	
32 12 36 23-0006	SY	GuardTop® Ultra, Polymer Modified, Asphalt Based Sealcoat (Two Coats)	4.43	
		For 3% Polyglass Additive, Add	*0.40*	
		For 6% Polyglass Additive, Add	*0.72*	
		For Guardtop Black Sand 60 Mesh Additive (At 3 Pounds Per Gallon), Add	*0.27*	

32 12 43 Porous Flexible Paving *(32 12)*

32 12 43 00-0001 Flexible Recycled Plastic Porous Grid *(32 12 43)*

Note: Includes sand fill in rings. Excludes base, earthwork and grass or sod.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 12 43 00-0002	SY	1" Thick, Recycled Plastic Flexible Pavement With Sand Fill Note: Includes sand fill in rings. Excludes base, earthwork and grass or sod. Invisible Structures, Inc.; Grasspave2.	39.61	
		For Up To 100, Add	*13.17*	
		For >100 To 500, Add	*3.29*	
		For >1,000 To 5,000, Deduct	*-1.31*	
		For >5,000, Deduct	*-2.76*	

32 12 73 Asphalt Paving Joint Sealants *(32 12)*

32 12 73 00-0001 Expansion Joint In Sidewalk *(32 12 73)*

32 12 73 00-0002	LF	For Hot Asphalt Poured Over Expansion Joint In Sidewalk	3.80	

32 13 Rigid Paving *(32 10)*

32 13 13 Concrete Paving *(32 13)*

Note: The following section includes spreading and placing delivered Portland cement concrete mix.

32 13 13 33 Plain Concrete Paving *(32 13 13)*

32 13 13 33-0001 Concrete Paving Assemblies *(32 13 13 33)*

Note: Includes forms, wire mesh (where necessary), two mat layers #3-#6 reinforcing rods at 12" on center with chairs (where necessary), vapor barrier, concrete, curing, latex or hot asphalt expansion joints, control joints, screed, float and finish. Excludes excavation, base and earthwork. Includes concrete paving machine. To be used for roadways, driveways, parking areas, or other areas of vehicular traffic. See CSI section 03 05 13 00-0001 for color additive.

32 13 13 33-0002 4,500 PSI Concrete Paving Assembly *(32 13 13 33-0001)*

32 13 13 33-0003	SY	4" 4,500 PSI Concrete Paving Assembly	66.81	
		For 2,500 PSI Concrete, Deduct	*-3.92*	
		For 3,000 PSI Concrete, Deduct	*-2.56*	
		For 3,500 PSI Concrete, Deduct	*-2.05*	
		For 4,000 PSI Concrete, Deduct	*-0.89*	
		For 5,000 PSI Concrete, Add	*0.55*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*4.43*	
		For <12' Wide Pass, Add	*11.59*	
		For 24' Or Greater Wide Pass, Deduct	*-13.36*	
		For Air Entrainment, Add	*1.71*	
		For Slipforming, Deduct	*-6.68*	
		For Up To 100, Add	*26.44*	
		For >100 To 250, Add	*14.93*	
		For >250 To 500, Add	*7.46*	
		For >1,000 To 2,000, Deduct	*-1.71*	
		For >2,000 To 5,000, Deduct	*-3.38*	
		For >5,000 To 10,000, Deduct	*-5.05*	
		For >10,000 To 20,000, Deduct	*-6.72*	
		For >20,000, Deduct	*-8.39*	
32 13 13 33-0004	SY	5" 4,500 PSI Concrete Paving Assembly	79.14	
		For 2,500 PSI Concrete, Deduct	*-4.92*	
		For 3,000 PSI Concrete, Deduct	*-3.21*	
		For 3,500 PSI Concrete, Deduct	*-2.57*	
		For 4,000 PSI Concrete, Deduct	*-1.11*	
		For 5,000 PSI Concrete, Add	*0.68*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*5.57*	
		For <12' Wide Pass, Add	*13.36*	
		For 24' Or Greater Wide Pass, Deduct	*-15.83*	
		For Air Entrainment, Add	*2.14*	
		For Slipforming, Deduct	*-7.91*	
		For Up To 100, Add	*30.36*	
		For >100 To 250, Add	*17.32*	
		For >250 To 500, Add	*8.66*	
		For >1,000 To 2,000, Deduct	*-2.14*	
		For >2,000 To 5,000, Deduct	*-4.12*	
		For >5,000 To 10,000, Deduct	*-6.10*	
		For >10,000 To 20,000, Deduct	*-8.08*	
		For >20,000, Deduct	*-10.05*	
32 13 13 33-0005	SY	6" 4,500 PSI Concrete Paving Assembly	84.52	
		For 2,500 PSI Concrete, Deduct	*-5.19*	
		For 3,000 PSI Concrete, Deduct	*-3.39*	
		For 3,500 PSI Concrete, Deduct	*-2.71*	
		For 4,000 PSI Concrete, Deduct	*-1.17*	
		For 5,000 PSI Concrete, Add	*0.72*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*5.87*	
		For <12' Wide Pass, Add	*14.36*	
		For 24' Or Greater Wide Pass, Deduct	*-16.90*	
		For Air Entrainment, Add	*2.26*	
		For Slipforming, Deduct	*-8.45*	
		For Up To 100, Add	*32.65*	
		For >100 To 250, Add	*18.58*	
		For >250 To 500, Add	*9.29*	
		For >1,000 To 2,000, Deduct	*-2.26*	
		For >2,000 To 5,000, Deduct	*-4.37*	
		For >5,000 To 10,000, Deduct	*-6.48*	
		For >10,000 To 20,000, Deduct	*-8.60*	
		For >20,000, Deduct	*-10.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 13 13 33-0006	SY	7" 4,500 PSI Concrete Paving Assembly	100.55	
		For 2,500 PSI Concrete, Deduct	*-6.55*	
		For 3,000 PSI Concrete, Deduct	*-4.27*	
		For 3,500 PSI Concrete, Deduct	*-3.42*	
		For 4,000 PSI Concrete, Deduct	*-1.48*	
		For 5,000 PSI Concrete, Add	*0.91*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*7.40*	
		For <12' Wide Pass, Add	*16.60*	
		For 24' Or Greater Wide Pass, Deduct	*-20.11*	
		For Air Entrainment, Add	*2.85*	
		For Slipforming, Deduct	*-10.06*	
		For Up To 100, Add	*37.55*	
		For >100 To 250, Add	*21.62*	
		For >250 To 500, Add	*10.81*	
		For >1,000 To 2,000, Deduct	*-2.85*	
		For >2,000 To 5,000, Deduct	*-5.36*	
		For >5,000 To 10,000, Deduct	*-7.88*	
		For >10,000 To 20,000, Deduct	*-10.39*	
		For >20,000, Deduct	*-12.90*	
32 13 13 33-0007	SY	8" 4,500 PSI Concrete Paving Assembly	114.82	
		For 2,500 PSI Concrete, Deduct	*-7.19*	
		For 3,000 PSI Concrete, Deduct	*-4.69*	
		For 3,500 PSI Concrete, Deduct	*-3.75*	
		For 4,000 PSI Concrete, Deduct	*-1.63*	
		For 5,000 PSI Concrete, Add	*1.00*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*8.13*	
		For <12' Wide Pass, Add	*19.33*	
		For 24' Or Greater Wide Pass, Deduct	*-22.96*	
		For Air Entrainment, Add	*3.13*	
		For Slipforming, Deduct	*-11.48*	
		For Up To 100, Add	*43.89*	
		For >100 To 250, Add	*25.07*	
		For >250 To 500, Add	*12.54*	
		For >1,000 To 2,000, Deduct	*-3.13*	
		For >2,000 To 5,000, Deduct	*-6.00*	
		For >5,000 To 10,000, Deduct	*-8.87*	
		For >10,000 To 20,000, Deduct	*-11.74*	
		For >20,000, Deduct	*-14.61*	
32 13 13 33-0008	SY	9" 4,500 PSI Concrete Paving Assembly	129.99	
		For 2,500 PSI Concrete, Deduct	*-8.31*	
		For 3,000 PSI Concrete, Deduct	*-5.42*	
		For 3,500 PSI Concrete, Deduct	*-4.33*	
		For 4,000 PSI Concrete, Deduct	*-1.88*	
		For 5,000 PSI Concrete, Add	*1.16*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*9.39*	
		For <12' Wide Pass, Add	*21.66*	
		For 24' Or Greater Wide Pass, Deduct	*-26.00*	
		For Air Entrainment, Add	*3.61*	
		For Slipforming, Deduct	*-13.00*	
		For Up To 100, Add	*49.11*	
		For >100 To 250, Add	*28.16*	
		For >250 To 500, Add	*14.08*	
		For >1,000 To 2,000, Deduct	*-3.61*	
		For >2,000 To 5,000, Deduct	*-6.86*	
		For >5,000 To 10,000, Deduct	*-10.11*	
		For >10,000 To 20,000, Deduct	*-13.36*	
		For >20,000, Deduct	*-16.61*	
32 13 13 33-0009	SY	10" 4,500 PSI Concrete Paving Assembly	144.85	
		For 2,500 PSI Concrete, Deduct	*-9.14*	
		For 3,000 PSI Concrete, Deduct	*-5.96*	
		For 3,500 PSI Concrete, Deduct	*-4.77*	
		For 4,000 PSI Concrete, Deduct	*-2.07*	
		For 5,000 PSI Concrete, Add	*1.27*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*10.33*	
		For <12' Wide Pass, Add	*24.30*	
		For 24' Or Greater Wide Pass, Deduct	*-28.97*	
		For Air Entrainment, Add	*3.97*	
		For Slipforming, Deduct	*-14.49*	
		For Up To 100, Add	*55.13*	
		For >100 To 250, Add	*31.54*	
		For >250 To 500, Add	*15.77*	
		For >1,000 To 2,000, Deduct	*-3.97*	
		For >2,000 To 5,000, Deduct	*-7.59*	
		For >5,000 To 10,000, Deduct	*-11.22*	
		For >10,000 To 20,000, Deduct	*-14.84*	
		For >20,000, Deduct	*-18.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 13 13 33-0010	SY	12" 4,500 PSI Concrete Paving Assembly	172.56	
		For 2,500 PSI Concrete, Deduct	*-10.82*	
		For 3,000 PSI Concrete, Deduct	*-7.06*	
		For 3,500 PSI Concrete, Deduct	*-5.64*	
		For 4,000 PSI Concrete, Deduct	*-2.45*	
		For 5,000 PSI Concrete, Add	*1.51*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*12.23*	
		For <12' Wide Pass, Add	*29.03*	
		For 24' Or Greater Wide Pass, Deduct	*-34.51*	
		For Air Entrainment, Add	*4.70*	
		For Slipforming, Deduct	*-17.26*	
		For Up To 100, Add	*65.90*	
		For >100 To 250, Add	*37.66*	
		For >250 To 500, Add	*18.83*	
		For >1,000 To 2,000, Deduct	*-4.70*	
		For >2,000 To 5,000, Deduct	*-9.02*	
		For >5,000 To 10,000, Deduct	*-13.33*	
		For >10,000 To 20,000, Deduct	*-17.65*	
		For >20,000, Deduct	*-21.96*	
32 13 13 33-0011	SY	15" 4,500 PSI Concrete Paving Assembly	219.69	
		For 2,500 PSI Concrete, Deduct	*-13.29*	
		For 3,000 PSI Concrete, Deduct	*-8.66*	
		For 3,500 PSI Concrete, Deduct	*-6.93*	
		For 4,000 PSI Concrete, Deduct	*-3.00*	
		For 5,000 PSI Concrete, Add	*1.85*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*15.02*	
		For <12' Wide Pass, Add	*37.59*	
		For 24' Or Greater Wide Pass, Deduct	*-43.94*	
		For Air Entrainment, Add	*5.78*	
		For Slipforming, Deduct	*-21.97*	
		For Up To 100, Add	*85.60*	
		For >100 To 250, Add	*48.58*	
		For >250 To 500, Add	*24.29*	
		For >1,000 To 2,000, Deduct	*-5.78*	
		For >2,000 To 5,000, Deduct	*-11.27*	
		For >5,000 To 10,000, Deduct	*-16.76*	
		For >10,000 To 20,000, Deduct	*-22.25*	
		For >20,000, Deduct	*-27.75*	

32 13 16 Decorative Concrete Paving *(32 13)*

32 13 16 13 Patterned Concrete Paving *(32 13 16)*

32 13 16 13-0001	SF	For Patterned (Tactile) Finish In Concrete Sidewalk	5.20	

32 13 43 Pervious Concrete Paving *(32 13)*

32 13 43 00-0001 Pervious Concrete Assemblies *(32 13 43)*

Note: Pervious concrete is a special concrete mix with high porosity that allows water to pass through it. For paving and sidewalks.

32 13 43 00-0002	SF	6" Thick, 15-25% Porosity, Minimum 115 PCF, Pervious Concrete Paving Note: Includes filter fabric, concrete, curing, finish, and control joints. Excludes excavation, base, forms and expansion joints along existing.	19.29	
		For >5,000 To 30,000, Deduct	*-2.07*	
		For >30,000 To 100,000, Deduct	*-3.79*	
		For >100,000, Deduct	*-4.71*	
32 13 43 00-0003	SF	9" Thick, 15-25% Porosity, Minimum 115 PCF, Pervious Concrete Paving Note: Includes filter fabric, concrete, curing, finish, and control joints. Excludes excavation, base, forms and expansion joints along existing.	24.44	
		For >5,000 To 30,000, Deduct	*-2.55*	
		For >30,000 To 100,000, Deduct	*-4.58*	
		For >100,000, Deduct	*-5.69*	

32 13 73 Concrete Paving Joint Sealants *(32 13)*

32 13 73 13 Fuel-Resistant Concrete Paving Joint Sealants *(32 13 73)*

32 13 73 13-0001 Concrete Pavement Joint And Crack Repair *(32 13 73 13)*

Note: Includes cutting joint, removal of existing material, sweeping and cleaning area.

32 13 73 13-0002 Silicone Concrete Pavement Joint And Crack Repair *(32 13 73 13-0001)*

32 13 73 13-0003	CLF	1/4" x 1/4" Joint, Silicone Concrete Pavement Joint And Crack Repair	663.93	
		For Custom Match Coloring, Add	*20.74*	
		For 1 Part Mildew Resistant, Add	*30.25*	
		For High-Modulus Non-Acid Curing, Add	*17.29*	
32 13 73 13-0004	CLF	1/4" x 3/8" Joint, Silicone Concrete Pavement Joint And Crack Repair	745.65	
		For Custom Match Coloring, Add	*31.12*	
		For 1 Part Mildew Resistant, Add	*45.38*	
		For High-Modulus Non-Acid Curing, Add	*25.93*	
32 13 73 13-0005	CLF	1/4" x 1/2" Joint, Silicone Concrete Pavement Joint And Crack Repair	827.35	
		For Custom Match Coloring, Add	*41.49*	
		For 1 Part Mildew Resistant, Add	*60.50*	
		For High-Modulus Non-Acid Curing, Add	*34.57*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 13 73 13-0006	CLF	3/8" x 3/8" Joint, Silicone Concrete Pavement Joint And Crack Repair	848.96	
		For Custom Match Coloring, Add	*46.67*	
		For 1 Part Mildew Resistant, Add	*68.06*	
		For High-Modulus Non-Acid Curing, Add	*38.89*	
32 13 73 13-0007	CLF	3/8" x 1/2" Joint, Silicone Concrete Pavement Joint And Crack Repair	933.04	
		For Custom Match Coloring, Add	*62.23*	
		For 1 Part Mildew Resistant, Add	*90.75*	
		For High-Modulus Non-Acid Curing, Add	*51.86*	
32 13 73 13-0008	CLF	3/8" x 5/8" Joint, Silicone Concrete Pavement Joint And Crack Repair	1,017.10	
		For Custom Match Coloring, Add	*77.79*	
		For 1 Part Mildew Resistant, Add	*113.44*	
		For High-Modulus Non-Acid Curing, Add	*64.82*	
32 13 73 13-0009	CLF	3/8" x 3/4" Joint, Silicone Concrete Pavement Joint And Crack Repair	1,120.43	
		For Custom Match Coloring, Add	*93.35*	
		For 1 Part Mildew Resistant, Add	*136.13*	
		For High-Modulus Non-Acid Curing, Add	*77.79*	
32 13 73 13-0010	CLF	1/2" x 1/2" Joint, Silicone Concrete Pavement Joint And Crack Repair	1,038.71	
		For Custom Match Coloring, Add	*82.97*	
		For 1 Part Mildew Resistant, Add	*121.00*	
		For High-Modulus Non-Acid Curing, Add	*69.14*	
32 13 73 13-0011	CLF	1/2" x 5/8" Joint, Silicone Concrete Pavement Joint And Crack Repair	1,202.14	
		For Custom Match Coloring, Add	*103.72*	
		For 1 Part Mildew Resistant, Add	*151.25*	
		For High-Modulus Non-Acid Curing, Add	*86.43*	
32 13 73 13-0012	CLF	1/2" x 3/4" Joint, Silicone Concrete Pavement Joint And Crack Repair	1,327.08	
		For Custom Match Coloring, Add	*124.46*	
		For 1 Part Mildew Resistant, Add	*181.50*	
		For High-Modulus Non-Acid Curing, Add	*103.72*	
32 13 73 13-0013	CLF	1/2" x 7/8" Joint, Silicone Concrete Pavement Joint And Crack Repair	1,452.01	
		For Custom Match Coloring, Add	*145.20*	
		For 1 Part Mildew Resistant, Add	*211.75*	
		For High-Modulus Non-Acid Curing, Add	*121.00*	
32 13 73 13-0014	CLF	1/2" x 1" Joint, Silicone Concrete Pavement Joint And Crack Repair	1,557.68	
		For Custom Match Coloring, Add	*165.95*	
		For 1 Part Mildew Resistant, Add	*242.00*	
		For High-Modulus Non-Acid Curing, Add	*138.29*	
32 13 73 13-0015	CLF	3/4" x 3/4" Joint, Silicone Concrete Pavement Joint And Crack Repair	1,663.36	
		For Custom Match Coloring, Add	*186.69*	
		For 1 Part Mildew Resistant, Add	*272.25*	
		For High-Modulus Non-Acid Curing, Add	*155.57*	
32 13 73 13-0016	CLF	3/4" x 1" Joint, Silicone Concrete Pavement Joint And Crack Repair	2,004.37	
		For Custom Match Coloring, Add	*259.29*	
		For 1 Part Mildew Resistant, Add	*378.13*	
		For High-Modulus Non-Acid Curing, Add	*216.08*	
32 13 73 13-0017	CLF	1" x 1" Joint, Silicone Concrete Pavement Joint And Crack Repair	2,345.37	
		For Custom Match Coloring, Add	*331.89*	
		For 1 Part Mildew Resistant, Add	*484.01*	
		For High-Modulus Non-Acid Curing, Add	*276.58*	

32 13 73 16 Field-Molded Concrete Paving Joint Sealants *(32 13 73)*

32 13 73 16-0001 Preformed Elastomeric Concrete Pavement Joint And Crack Repair *(32 13 73 16)*

Note: Includes cutting joint, removal of existing material, sweeping and cleaning area.

32 13 73 16-0002	LF	Joint Sealing, Concrete Pavement Preformed Elastomeric	15.76	

32 13 73 19 Compression Concrete Paving Joint Sealants *(32 13 73)*

32 13 73 19-0001 Silicone Joint Sealant For Concrete Pavement *(32 13 73 19)*

Note: Installation includes high pressure water wash, sand blast, sweeping, cleaning area, backer rod and Dow Corning 888 silicone sealant. Demolition includes removal of existing material where saw cutting is not required. Excludes saw cutting.

32 13 73 19-0002	LF	1/4" x 1/4" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement	12.51	2.88
32 13 73 19-0003	LF	3/8" x 1/4" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement	13.19	2.94
32 13 73 19-0004	LF	1/2" x 1/4" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement	14.12	3.00
32 13 73 19-0005	LF	3/4" x 3/8" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement	17.20	3.05
32 13 73 19-0006	LF	1" x 1/2" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement	20.32	3.13
32 13 73 19-0007	LF	1-1/2" x 1/2" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement	26.43	3.18
32 13 73 19-0008	LF	2" x 1/2" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement	40.09	3.25

32 14 Unit Paving *(32 10)*

32 14 09 Paver Restraints *(32 14)*

32 14 09 00-0001 Paver Restraints *(32 14 09)*

Note: Paver restraints are used along the edge of a group of pavers as a locking border. Flexible or rigid sections. Includes stakes and connecting devices. Excludes pavers, bedding, excavation, base course and compaction.

32 14 09 00-0002	LF	Up To 2" Height, Vinyl Paver Restraint	5.47	1.30
		For >1,000 To 2,000, Deduct	*-0.75*	
		For >2,000 To 4,000, Deduct	*-1.09*	
		For >4,000, Deduct	*-1.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 14 09 00-0003	LF	Up To 2" Height, Galvanized Steel Paver Restraint	5.92	1.30
		For >500 To 1,000, Deduct	*-0.19*	
		For >1,000 To 2,000, Deduct	*-0.39*	
		For >2,000, Deduct	*-0.58*	
32 14 09 00-0004	LF	Up To 1" Height, Aluminum Paver Restraint	5.70	1.30
		For >250 To 500, Deduct	*-0.36*	
		For >500 To 1,000, Deduct	*-0.54*	
		For >1,000 To 1,500, Deduct	*-0.91*	
32 14 09 00-0005	LF	>1" To 2" Height, Aluminum Paver Restraint	6.71	1.30
		For >250 To 500, Deduct	*-0.46*	
		For >500 To 1,000, Deduct	*-0.70*	
		For >1,000 To 1,500, Deduct	*-1.16*	
32 14 09 00-0006	LF	>2" To 3" Height, Aluminum Paver Restraint	8.67	1.30
		For >250 To 500, Deduct	*-0.66*	
		For >500 To 1,000, Deduct	*-0.99*	
		For >1,000 To 1,500, Deduct	*-1.65*	
32 14 09 00-0007	LF	>3" To 4" Height, Aluminum Paver Restraint	10.17	1.30
		For >250 To 500, Deduct	*-0.81*	
		For >500 To 1,000, Deduct	*-1.22*	
		For >1,000 To 1,500, Deduct	*-2.03*	

32 14 11 Bedding for Unit Paving *(32 14)*

32 14 11 00-0001 Bedding For Brick, Precast Concrete Paver And Stone Sidewalk *(32 14 11)*

Note: Includes delivery up to 15 miles from the closest approved source, the cost for loading, and dumping. See CSI section 01 74 19 00-0040 for hauling greater than 15 miles.

32 14 11 00-0002	SF	1" To 2" Screeded Sand Bedding	1.04	
		For Up To 100, Add	*0.47*	
		For >100 To 500, Add	*0.14*	
		For >1,000 To 5,000, Deduct	*-0.08*	
		For >5,000, Deduct	*-0.13*	
32 14 11 00-0003	SF	1" To 2" Screeded Stone Dust Bedding	1.21	
		For Up To 100, Add	*0.51*	
		For >100 To 500, Add	*0.14*	
		For >1,000 To 5,000, Deduct	*-0.08*	
		For >5,000, Deduct	*-0.14*	
32 14 11 00-0004	SF	3" Screeded Stone Dust Bedding	1.55	
		For Up To 100, Add	*0.63*	
		For >100 To 500, Add	*0.18*	
		For >1,000 To 5,000, Deduct	*-0.10*	
		For >5,000, Deduct	*-0.16*	
32 14 11 00-0005	SF	4" Screeded Stone Dust Bedding	1.96	
		For Up To 100, Add	*0.79*	
		For >100 To 500, Add	*0.22*	
		For >1,000 To 5,000, Deduct	*-0.12*	
		For >5,000, Deduct	*-0.20*	
32 14 11 00-0006	SF	1" Mortar Bedding	3.43	
		For Up To 100, Add	*1.54*	
		For >100 To 500, Add	*0.44*	
		For >1,000 To 5,000, Deduct	*-0.27*	
		For >5,000, Deduct	*-0.43*	
32 14 11 00-0007	SF	2" Mortar Bedding	5.06	
		For Up To 100, Add	*2.17*	
		For >100 To 500, Add	*0.62*	
		For >1,000 To 5,000, Deduct	*-0.36*	
		For >5,000, Deduct	*-0.59*	
32 14 11 00-0008	SF	Thin-Set Latex Portland Cement Mortar	1.71	
		For Up To 100, Add	*0.79*	
		For >100 To 500, Add	*0.23*	
		For >1,000 To 5,000, Deduct	*-0.15*	
		For >5,000, Deduct	*-0.23*	

32 14 13 Precast Concrete Unit Paving *(32 14)*

32 14 13 16 Precast Concrete Unit Paving Slabs *(32 14 13)*

32 14 13 16-0001 Precast Concrete Paver Sidewalk *(32 14 13 16)*

Note: Square, rectangular, or interlocking pervious pavers. Includes sand joints and all finishes. Excludes bedding, excavation, base course and compaction. See CSI section 32 11 23 16-0001 for base course, 32 14 11 00-0001 for bedding.

32 14 13 16-0002	SF	2-3/8" Thick, Up To 32 SI Precast Concrete Paver Note: Includes 2-1/2" x 5", 4" x 4", 4" x 6", 5" x 5", 4" x 8" and other similar size pavers.	12.60	3.39
		For 2-3/4" Concrete Paver, Add	*1.21*	
		For 3-1/8" Concrete Paver, Add	*1.96*	
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.97*	
		For Up To 100, Add	*4.85*	
		For >100 To 500, Add	*1.31*	
		For >1,000 To 5,000, Deduct	*-0.68*	
		For >5,000, Deduct	*-1.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 14 13 16-0003	SF	2-3/8" Thick, >32 to 64 SI Precast Concrete Paver Note: Includes 5" x 7", 6" x 6", 8" x 8" and other similar size pavers.	11.98	3.09
		For 2-3/4" Concrete Paver, Add	*1.18*	
		For 3-1/8" Concrete Paver, Add	*1.91*	
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.91*	
		For Up To 100, Add	*4.54*	
		For >100 To 500, Add	*1.22*	
		For >1,000 To 5,000, Deduct	*-0.62*	
		For >5,000, Deduct	*-1.10*	
32 14 13 16-0004	SF	2-3/8" Thick, >64 to 144 SI Precast Concrete Paver Note: Includes 6" x 12", 12" x 12" and other similar size pavers.	11.41	2.46
		For 2-3/4" Concrete Paver, Add	*1.15*	
		For 3-1/8" Concrete Paver, Add	*1.87*	
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.85*	
		For Up To 100, Add	*4.26*	
		For >100 To 500, Add	*1.13*	
		For >1,000 To 5,000, Deduct	*-0.56*	
		For >5,000, Deduct	*-1.02*	
32 14 13 16-0005	SF	2-3/8" Thick, >144 SI Precast Concrete Paver Note: Includes 16" x 16", 12" x 24", 18" x 18", 24" x 24", 24" x 36", 36" x 36" and other similar size pavers.	10.90	2.55
		For 2-3/4" Concrete Paver, Add	*1.12*	
		For 3-1/8" Concrete Paver, Add	*1.83*	
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.80*	
		For Up To 100, Add	*4.00*	
		For >100 To 500, Add	*1.06*	
		For >1,000 To 5,000, Deduct	*-0.51*	
		For >5,000, Deduct	*-0.94*	
32 14 13 16-0006	SF	2-3/8" Thick, Precast Concrete Paver, Combinations And Patterns Note: Patterns made by combining pavers from two or more size groups.	11.69	2.94
		For 2-3/4" Concrete Paver, Add	*1.16*	
		For 3-1/8" Concrete Paver, Add	*1.89*	
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.88*	
		For Up To 100, Add	*4.40*	
		For >100 To 500, Add	*1.17*	
		For >1,000 To 5,000, Deduct	*-0.59*	
		For >5,000, Deduct	*-1.06*	

32 14 13 19 Porous Precast Concrete Unit Paving *(32 14 13)*

32 14 13 19-0001 Turf Block *(32 14 13 19)*
Note: Grass grid, open-cell unit paver, geoblock.

32 14 13 19-0002	SF	3-1/8" Thick, Precast Concrete Turf Block	12.77	2.94
		For Up To 100, Add	*4.67*	
		For >100 To 500, Add	*1.23*	
		For >1,000 To 5,000, Deduct	*-0.59*	
		For >5,000, Deduct	*-1.09*	

32 14 16 Brick Unit Paving *(32 14)*

32 14 16 00-0001 Brick Paver Sidewalk *(32 14 16)*
Note: Includes sand joints. Excludes bedding, excavation, base course and compaction. See CSI section 32 11 23 16-0001 for base course, 32 14 11 00-0001 for bedding.

32 14 16 00-0002	SF	4" x 8" x 2-1/4" Brick Paver, Laid Flat	15.84	3.39
		For 1-3/8" Thick Paver, Deduct	*-3.50*	
		For 2-3/4" Thick Paver (Vehicular), Add	*8.05*	
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*1.13*	
		For Up To 100, Add	*5.66*	
		For >100 To 500, Add	*1.47*	
		For >1,000 To 5,000, Deduct	*-0.68*	
		For >5,000, Deduct	*-1.29*	
32 14 16 00-0003	SF	4" x 8" x 2-1/4" Brick, Laid On Edge	23.80	3.88
		For 1-3/8" Thick Paver, Deduct	*-6.01*	
		For 2-3/4" Thick Paver (Vehicular), Add	*14.09*	
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*1.58*	
		For Up To 100, Add	*7.89*	
		For >100 To 500, Add	*1.96*	
		For >1,000 To 5,000, Deduct	*-0.77*	
		For >5,000, Deduct	*-1.64*	

32 14 33 Plastic Paving *(32 14)*

32 14 33 13 Permeable Plastic Paving *(32 14 33)*

32 14 33 13-0001 Turf Block Plastic Paving *(32 14 33 13)*

32 14 33 13-0002	SF	4" Thick Recycled Polyvinyl Chloride (PVC) Plastic Turf Block	19.53	2.94
		For Up To 100, Add	*6.36*	
		For >100 To 500, Add	*1.57*	
		For >1,000 To 5,000, Deduct	*-0.59*	
		For >5,000, Deduct	*-1.29*	

32 14 40 Stone Paving *(32 14)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 14 40 00-0001		**Slate Paver Sidewalk** *(32 14 40)* Note: Includes sand joints and all finishes. Excludes bedding, excavation, base course and compaction. See CSI section 32 11 23 16-0001 for base course, 32 14 11 00-0001 for bedding.		
32 14 40 00-0002	SF	1" Thick, Up to 54 SI Slate Paver Note: Includes 3" x 9", 6" x 6", 6" x 9" and other similar size pavers.	16.40	2.81
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*1.10*	
		For 1/4" Thick Paver, Deduct	*-8.30*	
		For 1/2" Thick Paver, Deduct	*-5.80*	
		For Up To 100, Add	*5.51*	
		For >100 To 500, Add	*1.38*	
		For >1,000 To 5,000, Deduct	*-0.56*	
		For >5,000, Deduct	*-1.17*	
32 14 40 00-0003	SF	1" Thick, >54 to 108 SI Slate Paver Note: Includes 6" x 12", 9" x 9", 6" x 18", 9" x 12" and other similar size pavers.	15.89	2.55
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*1.05*	
		For 1/4" Thick Paver, Deduct	*-8.18*	
		For 1/2" Thick Paver, Deduct	*-5.73*	
		For Up To 100, Add	*5.25*	
		For >100 To 500, Add	*1.31*	
		For >1,000 To 5,000, Deduct	*-0.51*	
		For >5,000, Deduct	*-1.09*	
32 14 40 00-0004	SF	1" Thick, >108 to 216 SI Slate Paver Note: Includes 12" x 12", 6" x 24", 9" x 18", 9" x 24", 12" x 18" and other similar size pavers.	15.01	2.11
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.96*	
		For 1/4" Thick Paver, Deduct	*-7.96*	
		For 1/2" Thick Paver, Deduct	*-5.59*	
		For Up To 100, Add	*4.81*	
		For >100 To 500, Add	*1.17*	
		For >1,000 To 5,000, Deduct	*-0.42*	
		For >5,000, Deduct	*-0.96*	
32 14 40 00-0005	SF	1" Thick, >216 SI Slate Paver Note: Includes 16" x 16", 12" x 24", 18" x 18", 24" x 24", 24" x 36", 36" x 36" and other similar size pavers.	14.63	1.92
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.92*	
		For 1/4" Thick Paver, Deduct	*-7.86*	
		For 1/2" Thick Paver, Deduct	*-5.54*	
		For Up To 100, Add	*4.62*	
		For >100 To 500, Add	*1.12*	
		For >1,000 To 5,000, Deduct	*-0.39*	
		For >5,000, Deduct	*-0.90*	
32 14 40 00-0006	SF	1" Thick, Slate Paver, Combinations And Patterns Note: Patterns made by combining pavers from two or more size groups.	15.41	2.31
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*1.00*	
		For 1/4" Thick Paver, Deduct	*-8.06*	
		For 1/2" Thick Paver, Deduct	*-5.65*	
		For Up To 100, Add	*5.01*	
		For >100 To 500, Add	*1.23*	
		For >1,000 To 5,000, Deduct	*-0.46*	
		For >5,000, Deduct	*-1.02*	
32 14 40 00-0007		**Granite Paver Sidewalk** *(32 14 40)* Note: Includes sand joints and all finishes. Excludes bedding, excavation, base course and compaction. See CSI section 32 11 23 16-0001 for base course, 32 14 11 00-0001 for bedding.		
32 14 40 00-0008	SF	1" Thick, Up to 54 SI Granite Paver Note: Includes 3" x 9", 6" x 6", 6" x 9" and other similar size pavers.	31.12	2.81
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*1.84*	
		For 2" Granite Paver, Add	*1.56*	
		For 3" Granite Paver, Add	*3.11*	
		For 4" Granite Paver, Add	*3.39*	
		For Up To 100, Add	*9.19*	
		For >100 To 500, Add	*2.12*	
		For >1,000 To 5,000, Deduct	*-0.56*	
		For >5,000, Deduct	*-1.61*	
32 14 40 00-0009	SF	1" Thick, >54 to 108 SI Granite Paver Note: Includes 6" x 12", 9" x 9", 6" x 18", 9" x 12" and other similar size pavers.	30.61	2.55
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*1.79*	
		For 2" Granite Paver, Add	*1.53*	
		For 3" Granite Paver, Add	*3.06*	
		For 4" Granite Paver, Add	*3.32*	
		For Up To 100, Add	*8.93*	
		For >100 To 500, Add	*2.04*	
		For >1,000 To 5,000, Deduct	*-0.51*	
		For >5,000, Deduct	*-1.53*	
32 14 40 00-0010	SF	1" Thick, >108 to 216 SI Granite Paver Note: Includes 12" x 12", 6" x 24", 9" x 18", 9" x 24", 12" x 18" and other similar size pavers.	29.73	2.11
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*1.70*	
		For 2" Granite Paver, Add	*1.49*	
		For 3" Granite Paver, Add	*2.97*	
		For 4" Granite Paver, Add	*3.18*	
		For Up To 100, Add	*8.49*	
		For >100 To 500, Add	*1.91*	
		For >1,000 To 5,000, Deduct	*-0.42*	
		For >5,000, Deduct	*-1.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 14 40 00-0011	SF	1" Thick, >216 SI Granite Paver Note: Includes 16" x 16", 12" x 24", 18" x 18", 24" x 24" and other similar size pavers.	29.35	1.92
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*1.66*	
		For 2" Granite Paver, Add	*1.47*	
		For 3" Granite Paver, Add	*2.94*	
		For 4" Granite Paver, Add	*3.13*	
		For Up To 100, Add	*8.30*	
		For >100 To 500, Add	*1.85*	
		For >1,000 To 5,000, Deduct	*-0.39*	
		For >5,000, Deduct	*-1.34*	
32 14 40 00-0012	SF	1" Thick, Granite Paver, Combinations And Patterns Note: Patterns made by combining pavers from two or more size groups.	30.13	2.31
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*1.74*	
		For 2" Granite Paver, Add	*1.51*	
		For 3" Granite Paver, Add	*3.01*	
		For 4" Granite Paver, Add	*3.24*	
		For Up To 100, Add	*8.69*	
		For >100 To 500, Add	*1.97*	
		For >1,000 To 5,000, Deduct	*-0.46*	
		For >5,000, Deduct	*-1.46*	

32 15 Aggregate Surfacing *(32 10)*

32 15 40 Crushed Stone Surfacing *(32 15)*

Note: Includes delivery up to 15 miles from supplier, placement, rolling and compaction water. See CSI section 01 74 19 00-0040 for hauling greater than 15 miles.

32 15 40 00-0001 Gravel Surfacing And Spreading *(32 15 40)*

Note: Includes delivered material, placement, rolling and compaction water.

32 15 40 00-0002	CY	Gravel Surfacing And Spreading	105.64	

32 15 40 00-0003 Limestone Screenings *(32 15 40)*

Note: Includes delivered material, placement, rolling and compaction water. For trail maintenance.

32 15 40 00-0004	CY	Limestone Screenings For Trail	79.42	

32 15 40 00-0005 Decomposed Granite *(32 15 40)*

Note: Includes delivered material, placement, rolling and compaction water.

32 15 40 00-0006	SY	3" To 4" Thick Decomposed Granite Screenings With Stabilizer Pathway Note: Placed in 2 lifts.	20.10	
		For Additional 2" Lift	*10.05*	
		For >45 To 180, Deduct	*-1.34*	
		For >180 To 450, Deduct	*-1.68*	
		For >450, Deduct	*-2.01*	

32 16 Curbs, Gutters, Sidewalks, and Driveways *(32 10)*

32 16 13 Curbs and Gutters *(32 16)*

Note: Includes transitions. Demolition Includes two saw cuts (each end) of curbs and gutters for lengths up to 100'. See CSI section 02 41 19 13-0057 for additional saw cuts within the 100'.

32 16 13 13 Cast-In-Place Concrete Curbs and Gutters *(32 16 13)*

Note: Includes concrete, forms, rebar (where required), rebar chairs (where necessary), expansion joints, finish and curing.

32 16 13 13-0001 CALTRANs Cast In Place Concrete Curbs Assemblies *(32 16 13 13)*

Note: Includes delivered concrete, forms, rebar, chairs (where necessary), expansion joints, finish and curing.

32 16 13 13-0002	LF	CALTRANs Type A1-6 Straight Concrete Curb Assembly	27.08	11.06
		For Up To 20, Add	*15.10*	
		For >20 To 50, Add	*8.52*	
		For >50 To 100, Add	*3.29*	
		For >500 To 1,000, Deduct	*-3.29*	
		For >1,000, Deduct	*-5.61*	
32 16 13 13-0003	LF	CALTRANs Type A1-6 Radius Concrete Curb Assembly	30.19	12.72
		For Up To 20, Add	*17.24*	
		For >20 To 50, Add	*9.74*	
		For >50 To 100, Add	*3.75*	
		For >500 To 1,000, Deduct	*-3.75*	
		For >1,000, Deduct	*-6.38*	
32 16 13 13-0004	LF	CALTRANs Type A1-8 Straight Concrete Curb Assembly	28.09	11.06
		For Up To 20, Add	*16.41*	
		For >20 To 50, Add	*9.28*	
		For >50 To 100, Add	*3.56*	
		For >500 To 1,000, Deduct	*-3.56*	
		For >1,000, Deduct	*-6.05*	
32 16 13 13-0005	LF	CALTRANs Type A1-8 Radius Concrete Curb Assembly	30.10	12.72
		For Up To 20, Add	*17.78*	
		For >20 To 50, Add	*10.06*	
		For >50 To 100, Add	*3.86*	
		For >500 To 1,000, Deduct	*-3.86*	
		For >1,000, Deduct	*-6.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 13 13-0006	LF	CALTRANs Type A3-6 Straight Concrete Curb Assembly	14.44	7.48
		For Up To 20, Add	*8.42*	
		For >20 To 50, Add	*4.76*	
		For >50 To 100, Add	*1.83*	
		For >500 To 1,000, Deduct	*-1.83*	
		For >1,000, Deduct	*-3.10*	
32 16 13 13-0007	LF	CALTRANs Type A3-6 Radius Concrete Curb Assembly	16.65	8.63
		For Up To 20, Add	*9.97*	
		For >20 To 50, Add	*5.65*	
		For >50 To 100, Add	*2.16*	
		For >500 To 1,000, Deduct	*-2.16*	
		For >1,000, Deduct	*-3.66*	
32 16 13 13-0008	LF	CALTRANs Type A3-8 Straight Concrete Curb Assembly	16.06	7.74
		For Up To 20, Add	*9.18*	
		For >20 To 50, Add	*5.19*	
		For >50 To 100, Add	*2.00*	
		For >500 To 1,000, Deduct	*-2.00*	
		For >1,000, Deduct	*-3.40*	
32 16 13 13-0009	LF	CALTRANs Type A3-8 Radius Concrete Curb Assembly	18.39	9.29
		For Up To 20, Add	*10.81*	
		For >20 To 50, Add	*6.12*	
		For >50 To 100, Add	*2.35*	
		For >500 To 1,000, Deduct	*-2.35*	
		For >1,000, Deduct	*-3.98*	
32 16 13 13-0010	LF	CALTRANs Type B1-4 Straight Concrete Curb Assembly	24.68	11.06
		For Up To 20, Add	*13.79*	
		For >20 To 50, Add	*7.78*	
		For >50 To 100, Add	*3.00*	
		For >500 To 1,000, Deduct	*-3.00*	
		For >1,000, Deduct	*-5.12*	
32 16 13 13-0011	LF	CALTRANs Type B1-4 Straight Concrete Curb Assembly	27.52	12.72
		For Up To 20, Add	*15.74*	
		For >20 To 50, Add	*8.89*	
		For >50 To 100, Add	*3.42*	
		For >500 To 1,000, Deduct	*-3.42*	
		For >1,000, Deduct	*-5.82*	
32 16 13 13-0012	LF	CALTRANs Type B1-6 Straight Concrete Curb Assembly	27.72	11.06
		For Up To 20, Add	*15.22*	
		For >20 To 50, Add	*8.58*	
		For >50 To 100, Add	*3.32*	
		For >500 To 1,000, Deduct	*-3.32*	
		For >1,000, Deduct	*-5.68*	
32 16 13 13-0013	LF	CALTRANs Type B1-6 Radius Concrete Curb Assembly	30.83	12.72
		For Up To 20, Add	*17.37*	
		For >20 To 50, Add	*9.80*	
		For >50 To 100, Add	*3.78*	
		For >500 To 1,000, Deduct	*-3.78*	
		For >1,000, Deduct	*-6.44*	
32 16 13 13-0014	LF	CALTRANs Type B3-4 Straight Concrete Curb Assembly	102.21	6.75
		For Up To 20, Add	*70.22*	
		For >20 To 50, Add	*40.09*	
		For >50 To 100, Add	*15.07*	
		For >500 To 1,000, Deduct	*-15.07*	
		For >1,000, Deduct	*-25.16*	
32 16 13 13-0015	LF	CALTRANs Type B3-4 Radius Concrete Curb Assembly	14.59	7.74
		For Up To 20, Add	*8.89*	
		For >20 To 50, Add	*5.04*	
		For >50 To 100, Add	*1.92*	
		For >500 To 1,000, Deduct	*-1.92*	
		For >1,000, Deduct	*-3.25*	
32 16 13 13-0016	LF	CALTRANs Type B3-6 Straight Concrete Curb Assembly	14.18	6.97
		For Up To 20, Add	*8.20*	
		For >20 To 50, Add	*4.64*	
		For >50 To 100, Add	*1.78*	
		For >500 To 1,000, Deduct	*-1.78*	
		For >1,000, Deduct	*-3.03*	
32 16 13 13-0017	LF	CALTRANs Type B3-6 Radius Concrete Curb Assembly	16.28	8.40
		For Up To 20, Add	*9.67*	
		For >20 To 50, Add	*5.48*	
		For >50 To 100, Add	*2.10*	
		For >500 To 1,000, Deduct	*-2.10*	
		For >1,000, Deduct	*-3.55*	
32 16 13 13-0018	LF	CALTRANs Type D-4 Straight Concrete Curb Assembly	28.19	11.06
		For Up To 20, Add	*14.49*	
		For >20 To 50, Add	*8.13*	
		For >50 To 100, Add	*3.18*	
		For >500 To 1,000, Deduct	*-3.18*	
		For >1,000, Deduct	*-5.47*	
32 16 13 13-0019	LF	CALTRANs Type D-4 Radius Concrete Curb Assembly	31.03	12.72
		For Up To 20, Add	*16.44*	
		For >20 To 50, Add	*9.24*	
		For >50 To 100, Add	*3.60*	
		For >500 To 1,000, Deduct	*-3.60*	
		For >1,000, Deduct	*-6.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 13 13-0020	LF	CALTRANs Type D-6 Straight Concrete Curb Assembly	33.23	11.06
		For Up To 20, Add	*15.50*	
		For >20 To 50, Add	*8.63*	
		For >50 To 100, Add	*3.43*	
		For >500 To 1,000, Deduct	*-3.43*	
		For >1,000, Deduct	*-5.98*	
32 16 13 13-0021	LF	CALTRANs Type D-6 Radius Concrete Curb Assembly	36.07	12.72
		For Up To 20, Add	*17.45*	
		For >20 To 50, Add	*9.75*	
		For >50 To 100, Add	*3.85*	
		For >500 To 1,000, Deduct	*-3.85*	
		For >1,000, Deduct	*-6.68*	

32 16 13 13-0022 CALTRANs Cast In Place Concrete Curb And Gutter Assemblies *(32 16 13 13)*

Note: Includes concrete, forms, rebar, chairs (where necessary), transitions, expansion joints, finish and curing.

32 16 13 13-0023	LF	CALTRANs Type A2-6 Straight Concrete Curb And Gutter Assembly	55.89	20.96
		For Up To 20, Add	*37.73*	
		For >20 To 50, Add	*20.96*	
		For >50 To 100, Add	*8.38*	
		For >500 To 1,000, Deduct	*-6.99*	
		For >1,000, Deduct	*-11.88*	
		For Mountable Or Rolled Curb And Gutter, Add	*3.42*	
32 16 13 13-0024	LF	CALTRANs Type A2-6 Radius Concrete Curb And Gutter Assembly	60.30	23.17
		For Up To 20, Add	*40.81*	
		For >20 To 50, Add	*22.72*	
		For >50 To 100, Add	*9.05*	
		For >500 To 1,000, Deduct	*-7.65*	
		For >1,000, Deduct	*-12.98*	
		For Mountable Or Rolled Curb And Gutter, Add	*3.86*	
32 16 13 13-0025	LF	CALTRANs Type A2-8 Straight Concrete Curb And Gutter Assembly	60.06	20.96
		For Up To 20, Add	*40.54*	
		For >20 To 50, Add	*22.52*	
		For >50 To 100, Add	*9.01*	
		For >500 To 1,000, Deduct	*-7.51*	
		For >1,000, Deduct	*-12.77*	
		For Mountable Or Rolled Curb And Gutter, Add	*3.68*	
32 16 13 13-0026	LF	CALTRANs Type A2-8 Radius Concrete Curb And Gutter Assembly	64.81	23.17
		For Up To 20, Add	*43.87*	
		For >20 To 50, Add	*24.42*	
		For >50 To 100, Add	*9.72*	
		For >500 To 1,000, Deduct	*-8.22*	
		For >1,000, Deduct	*-13.95*	
		For Mountable Or Rolled Curb And Gutter, Add	*4.16*	
32 16 13 13-0027	LF	CALTRANs Type B2-4 Straight Concrete Curb And Gutter Assembly	31.78	12.03
		For Up To 20, Add	*20.92*	
		For >20 To 50, Add	*11.39*	
		For >50 To 100, Add	*4.77*	
		For >500 To 1,000, Deduct	*-3.44*	
		For >1,000, Deduct	*-5.96*	
		For Mountable Or Rolled Curb And Gutter, Add	*1.12*	
32 16 13 13-0028	LF	CALTRANs Type B2-4 Radius Concrete Curb And Gutter Assembly	33.54	13.23
		For Up To 20, Add	*22.15*	
		For >20 To 50, Add	*12.09*	
		For >50 To 100, Add	*5.03*	
		For >500 To 1,000, Deduct	*-3.71*	
		For >1,000, Deduct	*-6.40*	
		For Mountable Or Rolled Curb And Gutter, Add	*1.30*	
32 16 13 13-0029	LF	CALTRANs Type B2-6 Straight Concrete Curb And Gutter Assembly	37.64	13.23
		For Up To 20, Add	*24.90*	
		For >20 To 50, Add	*13.61*	
		For >50 To 100, Add	*5.65*	
		For >500 To 1,000, Deduct	*-4.20*	
		For >1,000, Deduct	*-7.24*	
		For Mountable Or Rolled Curb And Gutter, Add	*1.52*	
32 16 13 13-0030	LF	CALTRANs Type B2-6 Radius Concrete Curb And Gutter Assembly	39.84	17.65
		For Up To 20, Add	*26.44*	
		For >20 To 50, Add	*14.49*	
		For >50 To 100, Add	*5.98*	
		For >500 To 1,000, Deduct	*-4.53*	
		For >1,000, Deduct	*-7.79*	
		For Mountable Or Rolled Curb And Gutter, Add	*1.74*	
32 16 13 13-0031	LF	CALTRANs Type B4-6 Straight Concrete Curb And Gutter Assembly	59.73	23.05
		For Up To 20, Add	*40.45*	
		For >20 To 50, Add	*22.53*	
		For >50 To 100, Add	*8.96*	
		For >500 To 1,000, Deduct	*-7.60*	
		For >1,000, Deduct	*-12.89*	
		For Mountable Or Rolled Curb And Gutter, Add	*3.86*	
32 16 13 13-0032	LF	CALTRANs Type B4-6 Radius Concrete Curb And Gutter Assembly	63.91	25.16
		For Up To 20, Add	*43.38*	
		For >20 To 50, Add	*24.20*	
		For >50 To 100, Add	*9.59*	
		For >500 To 1,000, Deduct	*-8.23*	
		For >1,000, Deduct	*-13.94*	
		For Mountable Or Rolled Curb And Gutter, Add	*4.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 13 13-0033	LF	CALTRANs Type E Straight Concrete Curb And Gutter Assembly	63.92	24.27
		For Up To 20, Add	*43.21*	
		For >20 To 50, Add	*24.03*	
		For >50 To 100, Add	*9.59*	
		For >500 To 1,000, Deduct	*-8.05*	
		For >1,000, Deduct	*-13.67*	
		For Mountable Or Rolled Curb And Gutter, Add	*4.01*	
32 16 13 13-0034	LF	CALTRANs Type E Radius Concrete Curb And Gutter Assembly	68.33	26.48
		For Up To 20, Add	*46.29*	
		For >20 To 50, Add	*25.79*	
		For >50 To 100, Add	*10.25*	
		For >500 To 1,000, Deduct	*-8.71*	
		For >1,000, Deduct	*-14.78*	
		For Mountable Or Rolled Curb And Gutter, Add	*4.45*	

32 16 13 13-0035 Cast In Place Concrete Curbs Assemblies *(32 16 13 13)*

Note: Includes delivered concrete, forms, rebar, chairs (where necessary), expansion joints, finish and curing.

32 16 13 13-0036	LF	6" x 12" Cast In Place Concrete Curb	24.06	11.06
		For Mountable Curb, Add	*1.42*	
		For Up To 20, Add	*13.66*	
		For >20 To 50, Add	*7.72*	
		For >50 To 100, Add	*2.97*	
		For >500 To 1,000, Deduct	*-2.97*	
		For >1,000, Deduct	*-5.06*	
32 16 13 13-0037	LF	6" x 12" Cast In Place Concrete Curb - Radius	27.25	12.72
		For Mountable Curb, Add	*1.67*	
		For Up To 20, Add	*15.69*	
		For >20 To 50, Add	*8.87*	
		For >50 To 100, Add	*3.41*	
		For >500 To 1,000, Deduct	*-3.41*	
		For >1,000, Deduct	*-5.80*	
32 16 13 13-0038	LF	6" x 14" Cast In Place Concrete Curb	26.21	11.06
		For Mountable Curb, Add	*1.56*	
		For Up To 20, Add	*14.92*	
		For >20 To 50, Add	*8.43*	
		For >50 To 100, Add	*3.25*	
		For >500 To 1,000, Deduct	*-3.25*	
		For >1,000, Deduct	*-5.53*	
32 16 13 13-0039	LF	6" x 14" Cast In Place Concrete Curb - Radius	29.71	12.72
		For Mountable Curb, Add	*1.84*	
		For Up To 20, Add	*17.14*	
		For >20 To 50, Add	*9.69*	
		For >50 To 100, Add	*3.73*	
		For >500 To 1,000, Deduct	*-3.73*	
		For >1,000, Deduct	*-6.33*	
32 16 13 13-0040	LF	6" x 16" Cast In Place Concrete Curb	28.67	11.06
		For Mountable Curb, Add	*1.68*	
		For Up To 20, Add	*16.24*	
		For >20 To 50, Add	*9.17*	
		For >50 To 100, Add	*3.54*	
		For >500 To 1,000, Deduct	*-3.54*	
		For >1,000, Deduct	*-6.02*	
32 16 13 13-0041	LF	6" x 16" Cast In Place Concrete Curb - Radius	32.37	16.60
		For Mountable Curb, Add	*1.99*	
		For Up To 20, Add	*18.64*	
		For >20 To 50, Add	*10.54*	
		For >50 To 100, Add	*4.05*	
		For >500 To 1,000, Deduct	*-4.05*	
		For >1,000, Deduct	*-6.89*	
32 16 13 13-0042	LF	6" x 18" Cast In Place Concrete Curb	30.58	11.06
		For Mountable Curb, Add	*1.78*	
		For Up To 20, Add	*17.30*	
		For >20 To 50, Add	*9.77*	
		For >50 To 100, Add	*3.77*	
		For >500 To 1,000, Deduct	*-3.77*	
		For >1,000, Deduct	*-6.41*	
32 16 13 13-0043	LF	6" x 18" Cast In Place Concrete Curb - Radius	34.27	12.72
		For Mountable Curb, Add	*2.06*	
		For Up To 20, Add	*19.58*	
		For >20 To 50, Add	*11.06*	
		For >50 To 100, Add	*4.26*	
		For >500 To 1,000, Deduct	*-4.26*	
		For >1,000, Deduct	*-7.24*	
32 16 13 13-0044	LF	6" x 24" Cast In Place Concrete Curb	34.95	12.17
		For Mountable Curb, Add	*1.89*	
		For Up To 20, Add	*19.29*	
		For >20 To 50, Add	*10.87*	
		For >50 To 100, Add	*4.21*	
		For >500 To 1,000, Deduct	*-4.21*	
		For >1,000, Deduct	*-7.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 13 13-0045	LF	6" x 24" Cast In Place Concrete Curb - Radius	38.84	13.82
		For Mountable Curb, Add	*2.15*	
		For Up To 20, Add	*21.60*	
		For >20 To 50, Add	*12.18*	
		For >50 To 100, Add	*4.71*	
		For >500 To 1,000, Deduct	*-4.71*	
		For >1,000, Deduct	*-8.03*	
32 16 13 13-0046	LF	12" x 24" Cast In Place Concrete Curb	44.88	13.82
		For Mountable Curb, Add	*1.82*	
		For Up To 20, Add	*22.81*	
		For >20 To 50, Add	*12.79*	
		For >50 To 100, Add	*5.01*	
		For >500 To 1,000, Deduct	*-5.01*	
		For >1,000, Deduct	*-8.64*	
32 16 13 13-0047	LF	12" x 24" Cast In Place Concrete Curb - Radius	49.70	15.49
		For Mountable Curb, Add	*2.07*	
		For Up To 20, Add	*25.43*	
		For >20 To 50, Add	*14.26*	
		For >50 To 100, Add	*5.58*	
		For >500 To 1,000, Deduct	*-5.58*	
		For >1,000, Deduct	*-9.62*	
32 16 13 13-0048	EA	Additional Finish For Handicap Drop Section In Curb	82.97	

32 16 13 13-0049 Cast In Place Concrete Curb And Gutter Assemblies *(32 16 13 13)*

Note: Includes concrete, forms, rebar, chairs (where necessary), transitions, expansion joints, finish and curing.

32 16 13 13-0050	LF	6" x 12" Cast In Place Concrete Gutter With 6" Curb And Face - Straight	31.87	13.23
		For Up To 20, Add	*21.44*	
		For >20 To 50, Add	*11.88*	
		For >50 To 100, Add	*4.78*	
		For >500 To 1,000, Deduct	*-3.91*	
		For >1,000, Deduct	*-6.66*	
		For Mountable Or Rolled Curb And Gutter, Add	*1.84*	
32 16 13 13-0051	LF	6" x 12" Cast In Place Concrete Gutter With 6" Curb And Face - Radius	34.52	17.65
		For Up To 20, Add	*23.25*	
		For >20 To 50, Add	*12.89*	
		For >50 To 100, Add	*5.18*	
		For >500 To 1,000, Deduct	*-4.26*	
		For >1,000, Deduct	*-7.26*	
		For Mountable Or Rolled Curb And Gutter, Add	*2.03*	
32 16 13 13-0052	LF	6" x 18" Cast In Place Concrete Gutter With 6" Curb And Face - Straight	39.83	14.67
		For Up To 20, Add	*26.82*	
		For >20 To 50, Add	*14.87*	
		For >50 To 100, Add	*5.97*	
		For >500 To 1,000, Deduct	*-4.92*	
		For >1,000, Deduct	*-8.37*	
		For Mountable Or Rolled Curb And Gutter, Add	*2.34*	
32 16 13 13-0053	LF	6" x 18" Cast In Place Concrete Gutter With 6" Curb And Face - Radius	43.73	16.33
		For Up To 20, Add	*29.49*	
		For >20 To 50, Add	*16.37*	
		For >50 To 100, Add	*6.56*	
		For >500 To 1,000, Deduct	*-5.44*	
		For >1,000, Deduct	*-9.25*	
		For Mountable Or Rolled Curb And Gutter, Add	*2.64*	
32 16 13 13-0054	LF	6" x 24" Cast In Place Concrete Gutter With 6" Curb And Face - Straight	47.76	17.65
		For Up To 20, Add	*32.19*	
		For >20 To 50, Add	*17.86*	
		For >50 To 100, Add	*7.16*	
		For >500 To 1,000, Deduct	*-5.92*	
		For >1,000, Deduct	*-10.07*	
		For Mountable Or Rolled Curb And Gutter, Add	*2.84*	
32 16 13 13-0055	LF	6" x 24" Cast In Place Concrete Gutter With 6" Curb And Face - Radius	52.93	19.86
		For Up To 20, Add	*35.73*	
		For >20 To 50, Add	*19.85*	
		For >50 To 100, Add	*7.94*	
		For >500 To 1,000, Deduct	*-6.62*	
		For >1,000, Deduct	*-11.25*	
		For Mountable Or Rolled Curb And Gutter, Add	*3.24*	
32 16 13 13-0056	LF	6" x 30" Cast In Place Concrete Gutter With 6" Curb And Face - Straight	56.28	20.96
		For Up To 20, Add	*37.96*	
		For >20 To 50, Add	*21.08*	
		For >50 To 100, Add	*8.44*	
		For >500 To 1,000, Deduct	*-7.01*	
		For >1,000, Deduct	*-11.92*	
		For Mountable Or Rolled Curb And Gutter, Add	*3.40*	
32 16 13 13-0057	LF	6" x 30" Cast In Place Concrete Gutter With 6" Curb And Face - Radius	61.59	23.17
		For Up To 20, Add	*41.59*	
		For >20 To 50, Add	*23.11*	
		For >50 To 100, Add	*9.24*	
		For >500 To 1,000, Deduct	*-7.71*	
		For >1,000, Deduct	*-13.11*	
		For Mountable Or Rolled Curb And Gutter, Add	*3.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 13 13-0058	LF	6" x 36" Cast In Place Concrete Gutter With 6" Curb And Face - Straight	64.78	24.27
		For Up To 20, Add	*43.72*	
		For >20 To 50, Add	*24.29*	
		For >50 To 100, Add	*9.72*	
		For >500 To 1,000, Deduct	*-8.09*	
		For >1,000, Deduct	*-13.76*	
		For Mountable Or Rolled Curb And Gutter, Add	*3.96*	
32 16 13 13-0059	LF	6" x 36" Cast In Place Concrete Gutter With 6" Curb And Face - Radius	70.25	26.48
		For Up To 20, Add	*47.45*	
		For >20 To 50, Add	*26.37*	
		For >50 To 100, Add	*10.54*	
		For >500 To 1,000, Deduct	*-8.81*	
		For >1,000, Deduct	*-14.97*	
		For Mountable Or Rolled Curb And Gutter, Add	*4.34*	
32 16 13 13-0060	LF	6" x 42" Cast In Place Concrete Gutter With 6" Curb And Face - Straight	73.28	27.58
		For Up To 20, Add	*49.48*	
		For >20 To 50, Add	*27.50*	
		For >50 To 100, Add	*10.99*	
		For >500 To 1,000, Deduct	*-9.18*	
		For >1,000, Deduct	*-15.60*	
		For Mountable Or Rolled Curb And Gutter, Add	*4.52*	
32 16 13 13-0061	LF	6" x 42" Cast In Place Concrete Gutter With 6" Curb And Face - Radius	81.12	30.89
		For Up To 20, Add	*54.85*	
		For >20 To 50, Add	*30.51*	
		For >50 To 100, Add	*12.17*	
		For >500 To 1,000, Deduct	*-10.23*	
		For >1,000, Deduct	*-17.38*	
		For Mountable Or Rolled Curb And Gutter, Add	*5.11*	

32 16 13 14 Machine Formed, Slip Form Curbs *(32 16 13)*

Note: Includes delivered concrete, steel, expansion joints and finish.

32 16 13 14-0001 Curbs, Machine Formed, Slip Form *(32 16 13 14)*

Note: Includes delivered concrete, steel, expansion joints and finish.

32 16 13 14-0002	EA	Machine Formed Concrete Curb Minimum Set-Up Charge (One Time Per Job) Note: For projects where the total curbing charge is less than the minimum set-up charge, use this task exclusively. This task shall not be used in conjunction with any other tasks in this section.	1,608.40
32 16 13 14-0003	LF	6" x 12" Straight Concrete Curb, Machine Formed	14.15
32 16 13 14-0004	LF	6" x 12" Curved Concrete Curb, Machine Formed	19.13
32 16 13 14-0005	LF	6" x 18" Straight Concrete Curb, Machine Formed	18.71
32 16 13 14-0006	LF	6" x 18" Curved Concrete Curb, Machine Formed	24.52

32 16 13 16 Steel Faced Curbs *(32 16 13)*

Note: Fabrication includes handicap and other curb access cuts.

32 16 13 16-0001 Sidewalk/Curb Facing *(32 16 13 16)*

Note: Fabrication includes handicap and other curb access cuts.

32 16 13 16-0002	LF	3" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center	16.72	6.03
		For Curved Section, Add	*3.92*	
32 16 13 16-0003	LF	4" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center	18.49	6.85
		For Curved Section, Add	*4.42*	
32 16 13 16-0004	LF	6" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center	24.41	7.68
		For Curved Section, Add	*5.33*	
32 16 13 16-0005	LF	8" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center	29.65	8.63
		For Curved Section, Add	*6.18*	
32 16 13 16-0006	LF	10" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center	35.92	9.45
		For Curved Section, Add	*7.13*	
32 16 13 16-0007	LF	12" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center	46.86	12.05
		For Curved Section, Add	*9.19*	
32 16 13 16-0008	LF	13" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center	54.62	15.62
		For Curved Section, Add	*11.30*	
32 16 13 16-0009	EA	Sidewalk/Curb Steel Facing, Pedestrian Ramps, Two Drops Per Section	165.12	

32 16 13 19 Cast-In-Place Concrete Drainage Ditches *(32 16 13)*

Note: Includes concrete, forms, rebar (where required), rebar chairs (where necessary), expansion joints, finish and curing.

32 16 13 19-0001 Valley Gutter, Cast In Place *(32 16 13 19)*

Note: Includes concrete, forms, rebar, expansion joints, finish and curing.

32 16 13 19-0002	LF	2' Wide Cast In Place Concrete Valley Gutter, 6" Thick	24.88	
		For Up To 20, Add	*11.45*	
		For >20 To 50, Add	*6.37*	
		For >50 To 100, Add	*2.54*	
		For >500 To 1,000, Deduct	*-2.54*	
		For >1,000, Deduct	*-4.43*	
32 16 13 19-0003	LF	2-1/2' Wide Cast In Place Concrete Valley Gutter, 6" Thick	30.49	
		For Up To 20, Add	*13.88*	
		For >20 To 50, Add	*7.72*	
		For >50 To 100, Add	*3.08*	
		For >500 To 1,000, Deduct	*-3.08*	
		For >1,000, Deduct	*-5.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 13 19-0004	LF	3' Wide Cast In Place Concrete Valley Gutter, 6" Thick	36.06	
		For Up To 20, Add	*16.29*	
		For >20 To 50, Add	*9.05*	
		For >50 To 100, Add	*3.62*	
		For >500 To 1,000, Deduct	*-3.62*	
		For >1,000, Deduct	*-6.33*	
32 16 13 19-0005	LF	3-1/2' Wide Cast In Place Concrete Valley Gutter, 6" Thick	41.59	
		For Up To 20, Add	*18.67*	
		For >20 To 50, Add	*10.37*	
		For >50 To 100, Add	*4.15*	
		For >500 To 1,000, Deduct	*-4.15*	
		For >1,000, Deduct	*-7.26*	
32 16 13 19-0006	LF	4' Wide Cast In Place Concrete Valley Gutter, 6" Thick	47.14	
		For Up To 20, Add	*21.06*	
		For >20 To 50, Add	*11.70*	
		For >50 To 100, Add	*4.68*	
		For >500 To 1,000, Deduct	*-4.68*	
		For >1,000, Deduct	*-8.20*	
32 16 13 19-0007	LF	5' Wide Cast In Place Concrete Valley Gutter, 6" Thick	56.01	
		For Up To 20, Add	*24.29*	
		For >20 To 50, Add	*13.45*	
		For >50 To 100, Add	*5.42*	
		For >500 To 1,000, Deduct	*-5.42*	
		For >1,000, Deduct	*-9.53*	
32 16 13 19-0008	LF	6' Wide Cast In Place Concrete Valley Gutter, 6" Thick	64.56	
		For Up To 20, Add	*27.29*	
		For >20 To 50, Add	*15.08*	
		For >50 To 100, Add	*6.10*	
		For >500 To 1,000, Deduct	*-6.10*	
		For >1,000, Deduct	*-10.77*	
32 16 13 19-0009	SF	>6' Wide Cast In Place Concrete Valley Gutter, 6" Thick	10.76	
		For Up To 100, Add	*4.55*	
		For >100 To 250, Add	*2.51*	
		For >250 To 500, Add	*1.02*	
		For >2,500 To 5,000, Deduct	*-1.02*	
		For >5,000, Deduct	*-1.79*	
32 16 13 19-0010	LF	2' Wide Cast In Place Concrete Valley Gutter, 7" Thick	27.35	
		For Up To 20, Add	*12.28*	
		For >20 To 50, Add	*6.82*	
		For >50 To 100, Add	*2.73*	
		For >500 To 1,000, Deduct	*-2.73*	
		For >1,000, Deduct	*-4.78*	
32 16 13 19-0011	LF	2-1/2' Wide Cast In Place Concrete Valley Gutter, 7" Thick	33.79	
		For Up To 20, Add	*15.07*	
		For >20 To 50, Add	*8.37*	
		For >50 To 100, Add	*3.35*	
		For >500 To 1,000, Deduct	*-3.35*	
		For >1,000, Deduct	*-5.87*	
32 16 13 19-0012	LF	3' Wide Cast In Place Concrete Valley Gutter, 7" Thick	39.74	
		For Up To 20, Add	*17.52*	
		For >20 To 50, Add	*9.72*	
		For >50 To 100, Add	*3.90*	
		For >500 To 1,000, Deduct	*-3.90*	
		For >1,000, Deduct	*-6.85*	
32 16 13 19-0013	LF	3-1/2' Wide Cast In Place Concrete Valley Gutter, 7" Thick	45.90	
		For Up To 20, Add	*20.11*	
		For >20 To 50, Add	*11.15*	
		For >50 To 100, Add	*4.48*	
		For >500 To 1,000, Deduct	*-4.48*	
		For >1,000, Deduct	*-7.87*	
32 16 13 19-0014	LF	4' Wide Cast In Place Concrete Valley Gutter, 7" Thick	52.03	
		For Up To 20, Add	*22.69*	
		For >20 To 50, Add	*12.57*	
		For >50 To 100, Add	*5.06*	
		For >500 To 1,000, Deduct	*-5.06*	
		For >1,000, Deduct	*-8.89*	
32 16 13 19-0015	LF	5' Wide Cast In Place Concrete Valley Gutter, 7" Thick	61.96	
		For Up To 20, Add	*26.20*	
		For >20 To 50, Add	*14.48*	
		For >50 To 100, Add	*5.86*	
		For >500 To 1,000, Deduct	*-5.86*	
		For >1,000, Deduct	*-10.34*	
32 16 13 19-0016	LF	6' Wide Cast In Place Concrete Valley Gutter, 7" Thick	71.54	
		For Up To 20, Add	*29.48*	
		For >20 To 50, Add	*16.26*	
		For >50 To 100, Add	*6.61*	
		For >500 To 1,000, Deduct	*-6.61*	
		For >1,000, Deduct	*-11.71*	
32 16 13 19-0017	SF	>6' Wide Cast In Place Concrete Valley Gutter, 7" Thick	11.93	
		For Up To 100, Add	*4.92*	
		For >100 To 250, Add	*2.71*	
		For >250 To 500, Add	*1.10*	
		For >2,500 To 5,000, Deduct	*-1.10*	
		For >5,000, Deduct	*-1.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 13 19-0018	LF	2' Wide Cast In Place Concrete Valley Gutter, 8" Thick	27.53	
		For Up To 20, Add	*12.68*	
		For >20 To 50, Add	*7.06*	
		For >50 To 100, Add	*2.81*	
		For >500 To 1,000, Deduct	*-2.81*	
		For >1,000, Deduct	*-4.90*	
32 16 13 19-0019	LF	2-1/2' Wide Cast In Place Concrete Valley Gutter, 8" Thick	33.78	
		For Up To 20, Add	*15.40*	
		For >20 To 50, Add	*8.57*	
		For >50 To 100, Add	*3.42*	
		For >500 To 1,000, Deduct	*-3.42*	
		For >1,000, Deduct	*-5.97*	
32 16 13 19-0020	LF	3' Wide Cast In Place Concrete Valley Gutter, 8" Thick	39.92	
		For Up To 20, Add	*18.05*	
		For >20 To 50, Add	*10.03*	
		For >50 To 100, Add	*4.01*	
		For >500 To 1,000, Deduct	*-4.01*	
		For >1,000, Deduct	*-7.01*	
32 16 13 19-0021	LF	3-1/2' Wide Cast In Place Concrete Valley Gutter, 8" Thick	46.08	
		For Up To 20, Add	*20.72*	
		For >20 To 50, Add	*11.51*	
		For >50 To 100, Add	*4.60*	
		For >500 To 1,000, Deduct	*-4.60*	
		For >1,000, Deduct	*-8.06*	
32 16 13 19-0022	LF	4' Wide Cast In Place Concrete Valley Gutter, 8" Thick	52.24	
		For Up To 20, Add	*23.38*	
		For >20 To 50, Add	*12.98*	
		For >50 To 100, Add	*5.20*	
		For >500 To 1,000, Deduct	*-5.20*	
		For >1,000, Deduct	*-9.10*	
32 16 13 19-0023	LF	5' Wide Cast In Place Concrete Valley Gutter, 8" Thick	62.06	
32 16 13 19-0024	LF	6' Wide Cast In Place Concrete Valley Gutter, 8" Thick	71.51	
32 16 13 19-0025	SF	>6' Wide Cast In Place Concrete Valley Gutter, 8" Thick	11.91	
		For Up To 100, Add	*5.04*	
		For >100 To 250, Add	*2.79*	
		For >250 To 500, Add	*1.13*	
		For >2,500 To 5,000, Deduct	*-1.13*	
		For >5,000, Deduct	*-1.99*	

32 16 13 23 Precast Concrete Curbs and Gutters *(32 16 13)*

32 16 13 23-0001 Precast Concrete Curb *(32 16 13 23)*

32 16 13 23-0002	LF	6" x 18" Precast Concrete Curb	48.60	11.60
32 16 13 23-0003	LF	6" x 18" Precast Concrete Curb, Radius	57.95	13.34
32 16 13 23-0004	LF	6" x 20" Precast Concrete Curb	51.50	11.60
32 16 13 23-0005	LF	6" x 20" Precast Concrete Curb, Radius	61.79	13.34
32 16 13 23-0006	LF	7" x 18" Precast Concrete Curb	52.83	11.60
32 16 13 23-0007	LF	7" x 18" Precast Concrete Curb, Radius	63.32	13.34
32 16 13 23-0008	LF	7" x 20" Precast Concrete Curb	56.12	11.60
32 16 13 23-0009	LF	7" x 20" Precast Concrete Curb, Radius	67.49	13.34

32 16 13 33 Asphalt Curbs *(32 16 13)*

32 16 13 33-0001 Asphalt Curbs *(32 16 13 33)*

32 16 13 33-0002	LF	6" Wide x 6" High Asphalt Curb 64 LF/TON, Bituminous, Plain	15.23	6.16
32 16 13 33-0003	LF	8" Wide x 6" High Asphalt Curb 50 LF/TON, Bituminous, Plain	17.15	6.85
32 16 13 33-0004	LF	8" Wide x 8" High Asphalt Curb 44 LF/TON, Bituminous, Plain	18.92	7.53

32 16 13 43 Stone Curbs *(32 16 13)*

32 16 13 43-0001 Remove And Reset Stone And Precast Curbing *(32 16 13 43)*

Note: Includes storage and cleaning.

32 16 13 43-0002	LF	Removal And Resetting Of Stone Or Precast Curbing Note: Includes storage and cleaning.	37.58	

32 16 23 Sidewalks *(32 16)*

32 16 23 00-0001 Cast In Place Concrete Sidewalk Assemblies *(32 16 23)*

Note: Includes finish grading, delivered concrete (up to 3500 PSI) by chute, formwork, 1/4" radius joints and edges, polyethylene sheeting, control joints, expansion joints, sealer, screed, broom finish, and curing. Excludes excavation, base, base compaction and welded wire reinforcement. For bar or fiber reinforcing, add bar or fiber reinforcing tasks. See CSI section 02 41 13 13-0000 for sidewalk removal, 03 05 13 00-0001 for color additive, 03 21 00 00-0000 for reinforcing steel, 03 31 13 00-0079 for buggies, 03 31 13 00-0086 for small quantity purchases, 03 37 16 00-0001 for pumping with boom truck, 31 23 16 36-0000 for excavation, 32 11 23 16-0001 for base course.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 23 00-0002	SF	4" Cast In Place Concrete Sidewalk	9.46	
		For Up To 100, Add	*4.02*	
		For >100 To 500, Add	*1.14*	
		For >2,000 To 5,000, Deduct	*-0.50*	
		For >5,000 To 10,000, Deduct	*-1.14*	
		For >10,000 To 20,000, Deduct	*-1.54*	
		For >20,000, Deduct	*-1.94*	
		For 3,500 PSI Concrete, Add	*0.13*	
		For 4,000 PSI Concrete, Add	*0.23*	
		For 4,500 PSI Concrete, Add	*0.26*	
		For Welded Wire Reinforcement, Add	*0.90*	
32 16 23 00-0003	SF	5" Cast In Place Concrete Sidewalk	10.33	
		For Up To 100, Add	*4.30*	
		For >100 To 500, Add	*1.20*	
		For >2,000 To 5,000, Deduct	*-0.51*	
		For >5,000 To 10,000, Deduct	*-1.20*	
		For >10,000 To 20,000, Deduct	*-1.63*	
		For >20,000, Deduct	*-2.06*	
		For 3,500 PSI Concrete, Add	*0.16*	
		For 4,000 PSI Concrete, Add	*0.28*	
		For 4,500 PSI Concrete, Add	*0.32*	
		For Welded Wire Reinforcement, Add	*0.90*	
32 16 23 00-0004	SF	6" Cast In Place Concrete Sidewalk	11.22	
		For Up To 100, Add	*4.58*	
		For >100 To 500, Add	*1.27*	
		For >2,000 To 5,000, Deduct	*-0.53*	
		For >5,000 To 10,000, Deduct	*-1.27*	
		For >10,000 To 20,000, Deduct	*-1.73*	
		For >20,000, Deduct	*-2.19*	
		For 3,500 PSI Concrete, Add	*0.19*	
		For 4,000 PSI Concrete, Add	*0.33*	
		For 4,500 PSI Concrete, Add	*0.38*	
		For Welded Wire Reinforcement, Add	*0.90*	
32 16 23 00-0005	SF	7" Cast In Place Concrete Sidewalk	13.03	
		For Up To 100, Add	*5.27*	
		For >100 To 500, Add	*1.46*	
		For >2,000 To 5,000, Deduct	*-0.60*	
		For >5,000 To 10,000, Deduct	*-1.46*	
		For >10,000 To 20,000, Deduct	*-1.98*	
		For >20,000, Deduct	*-2.51*	
		For 3,500 PSI Concrete, Add	*0.23*	
		For 4,000 PSI Concrete, Add	*0.40*	
		For 4,500 PSI Concrete, Add	*0.46*	
		For Welded Wire Reinforcement, Add	*0.90*	
32 16 23 00-0006	SF	8" Cast In Place Concrete Sidewalk	13.83	
		For Up To 100, Add	*5.51*	
		For >100 To 500, Add	*1.51*	
		For >2,000 To 5,000, Deduct	*-0.62*	
		For >5,000 To 10,000, Deduct	*-1.51*	
		For >10,000 To 20,000, Deduct	*-2.06*	
		For >20,000, Deduct	*-2.61*	
		For 3,500 PSI Concrete, Add	*0.26*	
		For 4,000 PSI Concrete, Add	*0.45*	
		For 4,500 PSI Concrete, Add	*0.52*	
		For Welded Wire Reinforcement, Add	*0.90*	
32 16 23 00-0007	SF	For Exposed Aggregate Finish In Sidewalk	2.60	
32 16 23 00-0008	EA	Finish Concrete Handicap Drop Section In Sidewalk Note: Excludes patterned (tactile) finish.	156.00	
32 16 23 00-0009	LF	For Hand Trowel Finish At Sidewalk Edges (Picture Frame)	2.60	

32 16 23 00-0010 Bituminous Sidewalk Assemblies *(32 16 23)*

Note: Includes finish grading, delivered asphalt, formwork, control joints, expansion joints, and compaction. Excludes excavation, base, and base compaction. See CSI section 32 11 23 16-0001 for base course.

32 16 23 00-0011	SY	1" Bituminous Sidewalk	11.39	
		For Up To 100, Add	*4.22*	
		For >100 To 500, Add	*1.12*	
		For >1,000 To 5,000, Deduct	*-0.55*	
		For >5,000, Deduct	*-1.12*	
32 16 23 00-0012	SY	1-1/2" Bituminous Sidewalk	14.32	
		For Up To 100, Add	*5.23*	
		For >100 To 500, Add	*1.38*	
		For >1,000 To 5,000, Deduct	*-0.66*	
		For >5,000, Deduct	*-1.38*	
32 16 23 00-0013	SY	2" Bituminous Sidewalk	19.93	
		For Up To 100, Add	*7.03*	
		For >100 To 500, Add	*1.81*	
		For >1,000 To 5,000, Deduct	*-0.82*	
		For >5,000, Deduct	*-1.81*	
32 16 23 00-0014	SY	2-1/2" Bituminous Sidewalk	24.93	
		For Up To 100, Add	*8.77*	
		For >100 To 500, Add	*2.26*	
		For >1,000 To 5,000, Deduct	*-1.02*	
		For >5,000, Deduct	*-2.26*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 23 00-0015	SY	3" Bituminous Sidewalk	28.73	
		For Up To 100, Add	*9.93*	
		For >100 To 500, Add	*2.54*	
		For >1,000 To 5,000, Deduct	*-1.10*	
		For >5,000, Deduct	*-2.54*	
32 16 23 00-0016	SY	3-1/2" Bituminous Sidewalk	33.23	
		For Up To 100, Add	*11.33*	
		For >100 To 500, Add	*2.87*	
		For >1,000 To 5,000, Deduct	*-1.21*	
		For >5,000, Deduct	*-2.87*	

32 16 43 Asphalt Dike *(32 16)*

32 16 43 00-0001 Asphalt Dike *(32 16 43)*

32 16 43 00-0002	LF	Type A, Asphalt Dike, 11" Base, 5" Top, 6" Height	8.25	
32 16 43 00-0003	LF	Type B, Asphalt Dike, 13" Base, 5" Top, 8" Height	11.34	
32 16 43 00-0004	LF	Type C-6, Asphalt Dike, 18" Base, 6" Top, 6" Height	11.34	
32 16 43 00-0005	LF	Type C-8, Asphalt Dike, 22" Base, 6" Top, 8" Height	16.27	
32 16 43 00-0006	LF	Type C-9, Asphalt Dike, 24" Base, 6" Top, 9" Height	19.29	
32 16 43 00-0007	LF	Type D, Asphalt Dike, 8" Base, 4" Top, 2" Height	4.29	
32 16 43 00-0008	LF	Type E, Mountable Asphalt Dike, 16" Base, 12" Top, 2" Height Front, 6" Height Back	11.78	
32 16 43 00-0009	LF	Type F, Mountable Asphalt Dike, 26" Base, 20" Top, 2" Height Front, 8" Height Back	18.20	
32 16 43 00-0010	LF	CALTRANS Type A, Asphalt Dike, 11" Base, 5" Top, 6" Height	8.25	
32 16 43 00-0011	LF	CALTRANS Type C, Asphalt Dike, 8" Base, 4" Top, 2" Height	4.29	
32 16 43 00-0012	LF	CALTRANS Type D, Mountable Asphalt Dike, 26" Base, 20" Top, 2" Height Front, 8" Height Back	18.20	
32 16 43 00-0013	LF	CALTRANS Type E, Mountable Asphalt Dike, 16" Base, 12" Top, 2" Height Front, 6" Height Back	11.78	
32 16 43 00-0014	LF	CALTRANS Type F, Asphalt Dike, 8" Base, 4" Top, 4" Height	6.29	

32 17 Paving Specialties *(32 10)*

32 17 13 Parking Bumpers *(32 17)*

Note: Includes dowels set.

32 17 13 16 Plastic Parking Bumpers *(32 17 13)*

32 17 13 16-0001	EA	4" x 6" x 4' Recycled Plastic Wheel Stop	199.45	8.56
32 17 13 16-0002	EA	4" x 6" x 6' Recycled Plastic Wheel Stop	225.80	8.56

32 17 13 19 Precast Concrete Parking Bumpers *(32 17 13)*

32 17 13 19-0001	EA	6" x 8" x 4' Precast Concrete Wheel Stop With Dowels	78.96	25.78
32 17 13 19-0002	EA	6" x 6" x 6' Precast Concrete Wheel Stop With Dowels	89.82	25.78
32 17 13 19-0003	EA	6" x 8" x 6' Precast Concrete Wheel Stop With Dowels	93.56	25.78
32 17 13 19-0004	EA	6" x 10" x 6' Precast Concrete Wheel Stop With Dowels	97.83	25.78
32 17 13 19-0005	EA	4-7/8" x 7-5/8" x 6' Precast Concrete Wheel Stop With Dowels	91.50	25.78
32 17 13 19-0006	EA	8" x 13" x 6' Precast Concrete Wheel Stop With Dowels	115.00	25.78
32 17 13 19-0007	EA	Removal And Relocation Of Precast Concrete Wheel Stop	41.26	
32 17 13 19-0008	EA	Removal And Relocation Of Plastic Or Wood Wheel Stop	26.82	

32 17 13 23 Rubber Parking Bumpers *(32 17 13)*

32 17 13 23-0001	EA	3' Recycled Rubber Wheel Stop	33.88	8.56
32 17 13 23-0002	EA	4' Recycled Rubber Wheel Stop	39.07	8.56
32 17 13 23-0003	EA	5' Recycled Rubber Wheel Stop	41.15	8.56
32 17 13 23-0004	EA	6' Recycled Rubber Wheel Stop	44.27	8.56

32 17 13 26 Wood Parking Bumpers *(32 17 13)*

32 17 13 26-0001	LF	4" x 4" Timber Barrier With Saddles For Cars, Pressure Treated	11.37	2.06
32 17 13 26-0002	LF	6" x 6" Timber Barriers With Saddle For Trucks, Pressure Treated	14.50	2.06

32 17 16 Manufactured Traffic-Calming Devices *(32 17)*

32 17 16 00-0001 Modular Rubber Speed Tables *(32 17 16)*

Note: 3" high flat-topped speed humps, 18" x 42" modular rubber construction. Trafficlogix.

32 17 16 00-0002	SF	Up To 24' Road Width x 7' Run Modular Rubber Speed Table Note: Includes drilling in pavement, lag bolts and 3" x 18" x 42" compression molded recycled synthetic and natural rubber composite modular panels.	68.46
32 17 16 00-0003	SF	Up To 24' Road Width x 14' Run Modular Rubber Speed Table Note: Includes drilling in pavement, lag bolts and 3" x 18" x 42" compression molded recycled synthetic and natural rubber composite modular panels.	59.81
32 17 16 00-0004	SF	Up To 24' Road Width x 21' Run Modular Rubber Speed Table Note: Includes drilling in pavement, lag bolts and 3" x 18" x 42" compression molded recycled synthetic and natural rubber composite modular panels.	56.16
32 17 16 00-0005	SF	>24' To 30' Road Width x 7' Run Modular Rubber Speed Table Note: Includes drilling in pavement, lag bolts and 3" x 18" x 42" compression molded recycled synthetic and natural rubber composite modular panels.	65.51
32 17 16 00-0006	SF	>24' To 30' Road Width x 14' Run Modular Rubber Speed Table Note: Includes drilling in pavement, lag bolts and 3" x 18" x 42" compression molded recycled synthetic and natural rubber composite modular panels.	57.66

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 16 00-0007	SF	>24' To 30' Road Width x 21' Run Modular Rubber Speed Table Note: Includes drilling in pavement, lag bolts and 3" x 18" x 42" compression molded recycled synthetic and natural rubber composite modular panels.	54.44	
32 17 16 00-0008	SF	>30' To 40' Road Width x 7' Run Modular Rubber Speed Table Note: Includes drilling in pavement, lag bolts and 3" x 18" x 42" compression molded recycled synthetic and natural rubber composite modular panels.	62.60	
32 17 16 00-0009	SF	>30' To 40' Road Width x 14' Run Modular Rubber Speed Table Note: Includes drilling in pavement, lag bolts and 3" x 18" x 42" compression molded recycled synthetic and natural rubber composite modular panels.	55.95	
32 17 16 00-0010	SF	>30' To 40' Road Width x 21' Run Modular Rubber Speed Table Note: Includes drilling in pavement, lag bolts and 3" x 18" x 42" compression molded recycled synthetic and natural rubber composite modular panels.	53.02	
32 17 16 00-0011		Asphalt Speed Table *(32 17 16)* Note: Excludes pavement markings or reflectors.		
32 17 16 00-0012	LF	Up to 36" Run, Asphalt Speed Table With 3" Center Crown Note: Tapered on edges to roadway.	43.19	
32 17 16 00-0013	LF	>36" To 48" Run, Asphalt Speed Table With 3" Center Crown Note: Tapered on edges to roadway.	51.00	
32 17 16 00-0014	LF	Up to 36" Run, Asphalt Speed Table With 4" Center Crown Note: Tapered on edges to roadway.	54.29	
32 17 16 00-0015	LF	>36" To 48" Run, Asphalt Speed Table With 4" Center Crown Note: Tapered on edges to roadway.	64.15	
32 17 16 00-0016	LF	Up to 36" Run, Asphalt Speed Table With 6" Center Crown Note: Tapered on edges to roadway.	66.28	
32 17 16 00-0017	LF	>36" To 48" Run, Asphalt Speed Table With 6" Center Crown Note: Tapered on edges to roadway.	74.08	
32 17 16 00-0018		Speed Bumps *(32 17 16)* Note: Excludes pavement markings or reflectors.		
32 17 16 00-0019	LF	2-1/4" High x 10-1/2" Wide, Asphalt Speed Bump	43.48	1.98
32 17 16 00-0020	LF	12" x 2-1/4" Recycled Rubber Speed Bump	31.25	1.32
32 17 16 00-0021	LF	12" x 2-5/8" Recycled Plastic Speed Bump	157.16	1.32

32 17 23 Pavement Markings *(32 17)*

32 17 23 13 Painted Pavement Markings *(32 17 23)*

32 17 23 13-0001		Pavement Striping, Letters, Symbols And Markers For Roads *(32 17 23 13)* Note: Includes primers, adhesive and glass beads where required. For broken line quantities use total lane length. Per Coat.		
32 17 23 13-0002		Epoxy Reflective Pavement Marking *(32 17 23 13-0001)* Note: 15 mil thickness.		
32 17 23 13-0003	LF	Single 4" Wide Solid Line, Epoxy Reflective Pavement Striping	0.61	
		For 20 Mil Thickness, Add	*0.14*	
		For Up To 5,000 LF, Add	*0.12*	
		For >25,000 LF, Deduct	*-0.09*	
		For Broken Line, Deduct	*-0.28*	
32 17 23 13-0004	LF	Single 6" Wide Solid Line, Epoxy Reflective Pavement Striping	0.84	
		For 20 Mil Thickness, Add	*0.20*	
		For Up To 5,000 LF, Add	*0.17*	
		For >25,000 LF, Deduct	*-0.13*	
		For Broken Line, Deduct	*-0.42*	
32 17 23 13-0005	LF	Single 8" Wide Solid Line, Epoxy Reflective Pavement Striping	1.03	
		For 20 Mil Thickness, Add	*0.24*	
		For Up To 5,000 LF, Add	*0.21*	
		For >25,000 LF, Deduct	*-0.15*	
		For Broken Line, Deduct	*-0.50*	
32 17 23 13-0006	LF	Single 12" Wide Solid Line, Epoxy Reflective Pavement Striping	1.55	
		For 20 Mil Thickness, Add	*0.39*	
		For Up To 5,000 LF, Add	*0.31*	
		For >25,000 LF, Deduct	*-0.23*	
		For Broken Line, Deduct	*-0.82*	
32 17 23 13-0007	LF	Double 4" Wide Solid Lines, Epoxy Reflective Pavement Striping	0.97	
		For 20 Mil Thickness, Add	*0.26*	
		For Up To 5,000 LF, Add	*0.19*	
		For >25,000 LF, Deduct	*-0.15*	
		For Broken Line On One Side, Deduct	*-0.27*	
		For Double Broken Line, Deduct	*-0.55*	
32 17 23 13-0008	LF	Double 6" Wide Solid Lines, Epoxy Reflective Pavement Striping	1.38	
		For 20 Mil Thickness, Add	*0.38*	
		For Up To 5,000 LF, Add	*0.28*	
		For >25,000 LF, Deduct	*-0.21*	
		For Broken Line On One Side, Deduct	*-0.41*	
		For Double Broken Line, Deduct	*-0.83*	
32 17 23 13-0009	EA	6" High, Letter/Number, Epoxy Reflective Pavement Marking	4.34	
		For 20 Mil Thickness, Add	*0.44*	
		For <10, Add	*0.53*	
		For >50 To 100, Deduct	*-0.27*	
		For >100 To 200, Deduct	*-0.36*	
		For >200, Deduct	*-0.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0010	EA	12" High, Letter/Number, Epoxy Reflective Pavement Marking	8.21	
		For 20 Mil Thickness, Add	*1.22*	
		For <10, Add	*0.81*	
		For >50 To 100, Deduct	*-0.40*	
		For >100 To 200, Deduct	*-0.54*	
		For >200, Deduct	*-1.07*	
32 17 23 13-0011	EA	24" High, Letter/Number, Epoxy Reflective Pavement Marking	13.90	
		For 20 Mil Thickness, Add	*2.11*	
		For <10, Add	*1.34*	
		For >50 To 100, Deduct	*-0.67*	
		For >100 To 200, Deduct	*-0.89*	
		For >200, Deduct	*-1.78*	
32 17 23 13-0012	EA	36" High, Letter/Number, Epoxy Reflective Pavement Marking	26.58	
		For 20 Mil Thickness, Add	*3.81*	
		For <10, Add	*2.67*	
		For >50 To 100, Deduct	*-1.34*	
		For >100 To 200, Deduct	*-1.78*	
		For >200, Deduct	*-3.57*	
32 17 23 13-0013	EA	48" High, Letter/Number, Epoxy Reflective Pavement Marking	31.37	
		For 20 Mil Thickness, Add	*4.79*	
		For <10, Add	*3.00*	
		For >50 To 100, Deduct	*-1.50*	
		For >100 To 200, Deduct	*-2.00*	
		For >200, Deduct	*-4.00*	
32 17 23 13-0014	EA	72" High, Letter/Number, Epoxy Reflective Pavement Marking	56.36	
		For 20 Mil Thickness, Add	*8.70*	
		For <10, Add	*5.34*	
		For >50 To 100, Deduct	*-2.67*	
		For >100 To 200, Deduct	*-3.56*	
		For >200, Deduct	*-7.12*	
32 17 23 13-0015	EA	96" High, Letter/Number, Epoxy Reflective Pavement Marking	75.12	
		For 20 Mil Thickness, Add	*11.50*	
		For <10, Add	*7.17*	
		For >50 To 100, Deduct	*-3.58*	
		For >100 To 200, Deduct	*-4.78*	
		For >200, Deduct	*-9.56*	
32 17 23 13-0016	EA	120" High, Letter/Number, Epoxy Reflective Pavement Marking	120.21	
		For 20 Mil Thickness, Add	*23.29*	
		For <10, Add	*8.88*	
		For >50 To 100, Deduct	*-4.44*	
		For >100 To 200, Deduct	*-5.92*	
		For >200, Deduct	*-11.84*	
32 17 23 13-0017	SF	Letter/Number, Epoxy Reflective Pavement Marking	7.34	
		For 20 Mil Thickness, Add	*0.93*	
32 17 23 13-0018	SF	Symbols, Epoxy Reflective Pavement Marking Note: Handicap, railroad, diamond, arrows, etc.	9.15	
		For 20 Mil Thickness, Add	*1.02*	

32 17 23 13-0019 Painted Reflective Pavement Marking *(32 17 23 13-0001)*

Note: 15 mil thickness.

32 17 23 13-0020	LF	Single 4" Wide Solid Line, Painted Reflective Pavement Striping	0.33	
		For Up To 5,000 LF, Add	*0.07*	
		For >25,000 LF, Deduct	*-0.05*	
		For Broken Line, Deduct	*-0.07*	
32 17 23 13-0021	LF	Single 6" Wide Solid Line, Painted Reflective Pavement Striping	0.41	
		For Up To 5,000 LF, Add	*0.08*	
		For >25,000 LF, Deduct	*-0.06*	
		For Broken Line, Deduct	*-0.10*	
32 17 23 13-0022	LF	Single 8" Wide Solid Line, Painted Reflective Pavement Striping	0.52	
		For Up To 5,000 LF, Add	*0.10*	
		For >25,000 LF, Deduct	*-0.08*	
		For Broken Line, Deduct	*-0.12*	
32 17 23 13-0023	LF	Single 12" Wide Solid Line, Painted Reflective Pavement Striping	0.70	
		For Up To 5,000 LF, Add	*0.14*	
		For >25,000 LF, Deduct	*-0.11*	
		For Broken Line, Deduct	*-0.18*	
32 17 23 13-0024	LF	Double 4" Wide Solid Lines, Painted Reflective Pavement Striping	0.47	
		For Up To 5,000 LF, Add	*0.09*	
		For >25,000 LF, Deduct	*-0.07*	
		For Broken Line On One Side, Deduct	*-0.06*	
		For Double Broken Line, Deduct	*-0.12*	
32 17 23 13-0025	LF	Double 6" Wide Solid Lines, Painted Reflective Pavement Striping	0.70	
		For Up To 5,000 LF, Add	*0.14*	
		For >25,000 LF, Deduct	*-0.11*	
		For Broken Line On One Side, Deduct	*-0.09*	
		For Double Broken Line, Deduct	*-0.18*	
32 17 23 13-0026	SF	Solid Area, Painted Reflective Pavement Striping Note: Use this task for: lines >12" wide, stop bars, transverse lines, diagonal lines, crossing lanes, etc.	5.43	
32 17 23 13-0027	EA	6" High, Letter/Number, Painted Reflective Pavement Marking	3.99	
		For <10, Add	*0.53*	
		For >50 To 100, Deduct	*-0.27*	
		For >100 To 200, Deduct	*-0.36*	
		For >200, Deduct	*-0.71*	

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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0028 EA 12" High, Letter/Number, Painted Reflective Pavement Marking	6.98	
For <10, Add	*0.81*	
For >50 To 100, Deduct	*-0.40*	
For >100 To 200, Deduct	*-0.54*	
For >200, Deduct	*-1.07*	
32 17 23 13-0029 EA 24" High, Letter/Number, Painted Reflective Pavement Marking	11.73	
For <10, Add	*1.34*	
For >50 To 100, Deduct	*-0.67*	
For >100 To 200, Deduct	*-0.89*	
For >200, Deduct	*-1.78*	
32 17 23 13-0030 EA 36" High, Letter/Number, Painted Reflective Pavement Marking	22.78	
For <10, Add	*2.67*	
For >50 To 100, Deduct	*-1.34*	
For >100 To 200, Deduct	*-1.78*	
For >200, Deduct	*-3.57*	
32 17 23 13-0031 EA 48" High, Letter/Number, Painted Reflective Pavement Marking	26.43	
For <10, Add	*3.00*	
For >50 To 100, Deduct	*-1.50*	
For >100 To 200, Deduct	*-2.00*	
For >200, Deduct	*-4.00*	
32 17 23 13-0032 EA 72" High, Letter/Number, Painted Reflective Pavement Marking	47.33	
For <10, Add	*5.34*	
For >50 To 100, Deduct	*-2.67*	
For >100 To 200, Deduct	*-3.56*	
For >200, Deduct	*-7.12*	
32 17 23 13-0033 EA 96" High, Letter/Number, Painted Reflective Pavement Marking	63.24	
For <10, Add	*7.17*	
For >50 To 100, Deduct	*-3.58*	
For >100 To 200, Deduct	*-4.78*	
For >200, Deduct	*-9.56*	
32 17 23 13-0034 EA 120" High, Letter/Number, Painted Reflective Pavement Marking	93.70	
For <10, Add	*8.88*	
For >50 To 100, Deduct	*-4.44*	
For >100 To 200, Deduct	*-5.92*	
For >200, Deduct	*-11.84*	
32 17 23 13-0035 SF Letter/Number, Painted Reflective Pavement Marking Note: Includes solvent based and latex paints.	6.48	
32 17 23 13-0036 SF Symbols, Painted Reflective Pavement Marking Note: Handicap, railroad, diamond, arrows, etc. Includes solvent based and latex paints.	7.68	
32 17 23 13-0037 Painted Reflective Pavement Marking (CALTRANS) *(32 17 23 13-0001)* Note: 20 to 25 mil thickness, per LF of detail.		
32 17 23 13-0038 LF CALTRANS Detail 1 Centerline, Painted Reflective Pavement Striping	0.27	
For Up To 5,000 LF, Add	*0.05*	
For >25,000 LF, Deduct	*-0.04*	
32 17 23 13-0039 LF CALTRANS Detail 2 Centerline, Painted Reflective Pavement Striping	0.45	
For Up To 5,000 LF, Add	*0.09*	
For >25,000 LF, Deduct	*-0.07*	
32 17 23 13-0040 LF CALTRANS Detail 4 Centerline	1.12	
For Up To 5,000 LF, Add	*0.22*	
For >25,000 LF, Deduct	*-0.17*	
32 17 23 13-0041 LF CALTRANS Detail 5 Centerline, Painted Reflective Pavement Striping	0.26	
For Up To 5,000 LF, Add	*0.05*	
For >25,000 LF, Deduct	*-0.04*	
32 17 23 13-0042 LF CALTRANS Detail 6 Centerline, Painted Reflective Pavement Striping	0.46	
For Up To 5,000 LF, Add	*0.09*	
For >25,000 LF, Deduct	*-0.07*	
32 17 23 13-0043 LF CALTRANS Detail 7 Centerline	0.81	
For Up To 5,000 LF, Add	*0.16*	
For >25,000 LF, Deduct	*-0.12*	
32 17 23 13-0044 LF CALTRANS Detail 8 Lanelines, Painted Reflective Pavement Striping	0.27	
For Up To 5,000 LF, Add	*0.05*	
For >25,000 LF, Deduct	*-0.04*	
32 17 23 13-0045 LF CALTRANS Detail 9 Lanelines, Painted Reflective Pavement Striping	0.45	
For Up To 5,000 LF, Add	*0.09*	
For >25,000 LF, Deduct	*-0.07*	
32 17 23 13-0046 LF CALTRANS Detail 10 Lanelines	1.12	
For Up To 5,000 LF, Add	*0.22*	
For >25,000 LF, Deduct	*-0.17*	
32 17 23 13-0047 LF CALTRANS Detail 11 Lanelines, Painted Reflective Pavement Striping	0.26	
For Up To 5,000 LF, Add	*0.05*	
For >25,000 LF, Deduct	*-0.04*	
32 17 23 13-0048 LF CALTRANS Detail 12 Lanelines, Painted Reflective Pavement Striping	0.45	
For Up To 5,000 LF, Add	*0.09*	
For >25,000 LF, Deduct	*-0.07*	
32 17 23 13-0049 LF CALTRANS Detail 13 Lanelines	0.81	
For Up To 5,000 LF, Add	*0.16*	
For >25,000 LF, Deduct	*-0.12*	
32 17 23 13-0050 LF CALTRANS Detail 14 Lanelines	0.81	
For Up To 5,000 LF, Add	*0.16*	
For >25,000 LF, Deduct	*-0.12*	
32 17 23 13-0051 LF CALTRANS Detail 14A Lanelines, Painted Reflective Pavement Striping	0.45	
For Up To 5,000 LF, Add	*0.09*	
For >25,000 LF, Deduct	*-0.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0052	LF	CALTRANS Detail 15 No Passing Zones-One Direction Lanelines, Painted Reflective Pavement Striping	0.36	
		For Up To 5,000 LF, Add	*0.07*	
		For >25,000 LF, Deduct	*-0.05*	
		For Broken Line On One Side, Deduct	*-0.05*	
		For Double Broken Line, Deduct	*-0.09*	
32 17 23 13-0053	LF	CALTRANS Detail 16 No Passing Zones-One Direction Lanelines, Painted Reflective Pavement Striping	1.10	
		For Up To 5,000 LF, Add	*0.22*	
		For >25,000 LF, Deduct	*-0.17*	
32 17 23 13-0054	LF	CALTRANS Detail 17 No Passing Zones-One Direction Lanelines	3.26	
		For Up To 5,000 LF, Add	*0.65*	
		For >25,000 LF, Deduct	*-0.49*	
32 17 23 13-0055	LF	CALTRANS Detail 18 No Passing Zones-One Direction Lanelines, Painted Reflective Pavement Striping	0.36	
		For Up To 5,000 LF, Add	*0.07*	
		For >25,000 LF, Deduct	*-0.05*	
		For Broken Line On One Side, Deduct	*-0.05*	
		For Double Broken Line, Deduct	*-0.09*	
32 17 23 13-0056	LF	CALTRANS Detail 19 No Passing Zones-One Direction Lanelines, Painted Reflective Pavement Striping	0.92	
		For Up To 5,000 LF, Add	*0.18*	
		For >25,000 LF, Deduct	*-0.14*	
32 17 23 13-0057	LF	CALTRANS Detail 20 No Passing Zones-One Direction Lanelines	2.75	
		For Up To 5,000 LF, Add	*0.55*	
		For >25,000 LF, Deduct	*-0.41*	
32 17 23 13-0058	LF	CALTRANS Detail 21 No Passing Zones-Two Direction Lanelines, Painted Reflective Pavement Striping	0.43	
		For Up To 5,000 LF, Add	*0.09*	
		For >25,000 LF, Deduct	*-0.06*	
		For Broken Line On One Side, Deduct	*-0.07*	
		For Double Broken Line, Deduct	*-0.14*	
32 17 23 13-0059	LF	CALTRANS Detail 22 No Passing Zones-Two Direction Lanelines, Painted Reflective Pavement Striping	1.17	
		For Up To 5,000 LF, Add	*0.23*	
		For >25,000 LF, Deduct	*-0.18*	
32 17 23 13-0060	LF	CALTRANS Detail 23 No Passing Zones-Two Direction Lanelines	3.88	
		For Up To 5,000 LF, Add	*0.78*	
		For >25,000 LF, Deduct	*-0.58*	
32 17 23 13-0061	LF	CALTRANS Detail 24 Left Edgelines, Painted Reflective Pavement Striping	0.34	
		For Up To 5,000 LF, Add	*0.07*	
		For >25,000 LF, Deduct	*-0.05*	
32 17 23 13-0062	LF	CALTRANS Detail 25 Left Edgelines, Painted Reflective Pavement Striping	0.52	
		For Up To 5,000 LF, Add	*0.10*	
		For >25,000 LF, Deduct	*-0.08*	
32 17 23 13-0063	LF	CALTRANS Detail 25A Left Edgelines, Painted Reflective Pavement Striping	0.70	
		For Up To 5,000 LF, Add	*0.14*	
		For >25,000 LF, Deduct	*-0.11*	
32 17 23 13-0064	LF	CALTRANS Detail 26 Left Edgelines	0.18	
		For Up To 5,000 LF, Add	*0.04*	
		For >25,000 LF, Deduct	*-0.03*	
32 17 23 13-0065	LF	CALTRANS Detail 27 Left Edgelines, Painted Reflective Pavement Striping	0.61	
		For Up To 5,000 LF, Add	*0.12*	
		For >25,000 LF, Deduct	*-0.09*	
32 17 23 13-0066	LF	CALTRANS Detail 27B Right Edgelines, Painted Reflective Pavement Striping	0.34	
		For Up To 5,000 LF, Add	*0.07*	
		For >25,000 LF, Deduct	*-0.05*	
32 17 23 13-0067	LF	CALTRANS Detail 27C Right Edgeline Extension Through Intersections, Painted Reflective Pavement Striping	0.26	
		For Up To 5,000 LF, Add	*0.05*	
		For >25,000 LF, Deduct	*-0.04*	
32 17 23 13-0068	LF	CALTRANS Detail 28 Median Islands, Painted Reflective Pavement Striping	0.84	
		For Up To 5,000 LF, Add	*0.17*	
		For >25,000 LF, Deduct	*-0.13*	
		For Broken Line On One Side, Deduct	*-0.14*	
		For Double Broken Line, Deduct	*-0.29*	
32 17 23 13-0069	LF	CALTRANS Detail 29 Median Islands, Painted Reflective Pavement Striping	1.59	
		For Up To 5,000 LF, Add	*0.32*	
		For >25,000 LF, Deduct	*-0.24*	
32 17 23 13-0070	LF	CALTRANS Detail 30 Median Islands	7.77	
		For Up To 5,000 LF, Add	*1.55*	
		For >25,000 LF, Deduct	*-1.17*	
32 17 23 13-0071	LF	CALTRANS Detail 31 Two-Way Left Turn Lanes, Painted Reflective Pavement Striping	0.70	
		For Up To 5,000 LF, Add	*0.14*	
		For >25,000 LF, Deduct	*-0.11*	
		For Broken Line On One Side, Deduct	*-0.09*	
		For Double Broken Line, Deduct	*-0.18*	
32 17 23 13-0072	LF	CALTRANS Detail 32 Two-Way Left Turn Lanes, Painted Reflective Pavement Striping	1.63	
		For Up To 5,000 LF, Add	*0.33*	
		For >25,000 LF, Deduct	*-0.24*	
32 17 23 13-0073	LF	CALTRANS Detail 33 Two-Way Left Turn Lanes	5.33	
		For Up To 5,000 LF, Add	*1.07*	
		For >25,000 LF, Deduct	*-0.80*	
32 17 23 13-0074	LF	CALTRANS Detail 34 Intersection Treatments, Painted Reflective Pavement Striping	0.92	
		For Up To 5,000 LF, Add	*0.18*	
		For >25,000 LF, Deduct	*-0.14*	
32 17 23 13-0075	LF	CALTRANS Detail 34A Intersection Treatments, Painted Reflective Pavement Striping	0.36	
		For Up To 5,000 LF, Add	*0.07*	
		For >25,000 LF, Deduct	*-0.05*	
32 17 23 13-0076	LF	CALTRANS Detail 35 Intersection Treatments, Painted Reflective Pavement Striping	1.11	
		For Up To 5,000 LF, Add	*0.22*	
		For >25,000 LF, Deduct	*-0.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0077	LF	CALTRANS Detail 35A Intersection Treatments, Painted Reflective Pavement Striping	0.36	
		For Up To 5,000 LF, Add	*0.07*	
		For >25,000 LF, Deduct	*-0.05*	
32 17 23 13-0078	LF	CALTRANS Detail 36 Exit Ramp Neutral Area (Gore) Treatment, Painted Reflective Pavement Striping	1.79	
		For Up To 5,000 LF, Add	*0.36*	
		For >25,000 LF, Deduct	*-0.27*	
32 17 23 13-0079	LF	CALTRANS Detail 36A Entrance Ramp Neutral Area (Merge) Treatment, Painted Reflective Pavement Striping	1.14	
		For Up To 5,000 LF, Add	*0.23*	
		For >25,000 LF, Deduct	*-0.17*	
32 17 23 13-0080	LF	CALTRANS Detail 36B Entrance Ramp Neutral Area (Acceleration Lane) Treatment, Painted Reflective Pavement Striping	1.22	
		For Up To 5,000 LF, Add	*0.24*	
		For >25,000 LF, Deduct	*-0.18*	
32 17 23 13-0081	LF	CALTRANS Detail 37 Lane Drop At Exit Ramps, Painted Reflective Pavement Striping	1.14	
		For Up To 5,000 LF, Add	*0.23*	
		For >25,000 LF, Deduct	*-0.17*	
32 17 23 13-0082	LF	CALTRANS Detail 37A Lane Drop At Exit Ramps	2.61	
		For Up To 5,000 LF, Add	*0.52*	
		For >25,000 LF, Deduct	*-0.39*	
32 17 23 13-0083	LF	CALTRANS Detail 37B Lane Drop At Intersections, Painted Reflective Pavement Striping	1.14	
		For Up To 5,000 LF, Add	*0.23*	
		For >25,000 LF, Deduct	*-0.17*	
32 17 23 13-0084	LF	CALTRANS Detail 37C Lane Drop At Intersections	2.61	
		For Up To 5,000 LF, Add	*0.52*	
		For >25,000 LF, Deduct	*-0.39*	
32 17 23 13-0085	LF	CALTRANS Detail 38 Channelizing Line, Painted Reflective Pavement Striping	1.04	
		For Up To 5,000 LF, Add	*0.21*	
		For >25,000 LF, Deduct	*-0.16*	
32 17 23 13-0086	LF	CALTRANS Detail 38A Channelizing Line, Painted Reflective Pavement Striping	0.66	
		For Up To 5,000 LF, Add	*0.13*	
		For >25,000 LF, Deduct	*-0.10*	
32 17 23 13-0087	LF	CALTRANS Detail 38B Channelizing Line, Painted Reflective Pavement Striping	1.41	
		For Up To 5,000 LF, Add	*0.28*	
		For >25,000 LF, Deduct	*-0.21*	
32 17 23 13-0088	LF	CALTRANS Detail 38C Channelizing Line	3.88	
		For Up To 5,000 LF, Add	*0.78*	
		For >25,000 LF, Deduct	*-0.58*	
32 17 23 13-0089	LF	CALTRANS Detail 39 Bike Lane Line, Painted Reflective Pavement Striping	0.40	
		For Up To 5,000 LF, Add	*0.08*	
		For >25,000 LF, Deduct	*-0.06*	
32 17 23 13-0090	LF	CALTRANS Detail 39A Intersection Line Bike Lane, Painted Reflective Pavement Striping	0.32	
		For Up To 5,000 LF, Add	*0.06*	
		For >25,000 LF, Deduct	*-0.05*	
32 17 23 13-0091	LF	CALTRANS Detail 40 Lane Line Extensions Through Intersections, Painted Reflective Pavement Striping	0.25	
		For Up To 5,000 LF, Add	*0.05*	
		For >25,000 LF, Deduct	*-0.04*	
32 17 23 13-0092	LF	CALTRANS Detail 40A Lane Line Extensions Through Intersections	1.88	
		For Up To 5,000 LF, Add	*0.38*	
		For >25,000 LF, Deduct	*-0.28*	
32 17 23 13-0093	LF	CALTRANS Detail 41 Center Line Extensions Through Intersections, Painted Reflective Pavement Striping	0.25	
		For Up To 5,000 LF, Add	*0.05*	
		For >25,000 LF, Deduct	*-0.04*	
32 17 23 13-0094	LF	CALTRANS Detail 41A Center Line Extensions Through Intersections	1.88	
		For Up To 5,000 LF, Add	*0.38*	
		For >25,000 LF, Deduct	*-0.28*	
32 17 23 13-0095	EA	CALTRANS 10' Arrow, Type I, Painted Reflective Pavement Marking	102.74	
		For <10, Add	*12.98*	
		For >50 To 100, Deduct	*-6.49*	
		For >100 To 200, Deduct	*-8.66*	
		For >200, Deduct	*-17.31*	
32 17 23 13-0096	EA	CALTRANS 18' Arrow, Type I, Painted Reflective Pavement Marking	180.37	
		For <10, Add	*22.72*	
		For >50 To 100, Deduct	*-11.36*	
		For >100 To 200, Deduct	*-15.15*	
		For >200, Deduct	*-30.29*	
32 17 23 13-0097	EA	CALTRANS 24' Arrow, Type I, Painted Reflective Pavement Marking	226.26	
		For <10, Add	*28.56*	
		For >50 To 100, Deduct	*-14.28*	
		For >100 To 200, Deduct	*-19.04*	
		For >200, Deduct	*-38.08*	
32 17 23 13-0098	EA	CALTRANS 24' Arrow With Single (L or R) Turn Arrow, Type II, Painted Reflective Pavement Marking	329.00	
		For <10, Add	*41.55*	
		For >50 To 100, Deduct	*-20.77*	
		For >100 To 200, Deduct	*-27.70*	
		For >200, Deduct	*-55.39*	
32 17 23 13-0099	EA	CALTRANS 24' Arrow With Both (L and R) Turn Arrows, Type II, Painted Reflective Pavement Marking	431.74	
		For <10, Add	*54.53*	
		For >50 To 100, Deduct	*-27.26*	
		For >100 To 200, Deduct	*-36.35*	
		For >200, Deduct	*-72.71*	
32 17 23 13-0100	EA	CALTRANS 24' Arrow Single (L or R) Turn Arrow, Type III, Painted Reflective Pavement Marking	303.89	
		For <10, Add	*38.30*	
		For >50 To 100, Deduct	*-19.15*	
		For >100 To 200, Deduct	*-25.53*	
		For >200, Deduct	*-51.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0101	EA	CALTRANS 24' Arrow Both (L and R) Turn Arrows, Type III, Painted Reflective Pavement Marking	530.15	
		For <10, Add	*66.86*	
		For >50 To 100, Deduct	*-33.43*	
		For >100 To 200, Deduct	*-44.58*	
		For >200, Deduct	*-89.15*	
32 17 23 13-0102	EA	CALTRANS 8' Turn Arrow (L or R), Type IV, Painted Reflective Pavement Marking	108.22	
		For <10, Add	*13.63*	
		For >50 To 100, Deduct	*-6.82*	
		For >100 To 200, Deduct	*-9.09*	
		For >200, Deduct	*-18.18*	
32 17 23 13-0103	EA	CALTRANS 24' Arrow, Type V, Painted Reflective Pavement Marking	237.22	
		For <10, Add	*29.86*	
		For >50 To 100, Deduct	*-14.93*	
		For >100 To 200, Deduct	*-19.91*	
		For >200, Deduct	*-39.81*	
32 17 23 13-0104	EA	CALTRANS 18' Arrow, Type VI, Painted Reflective Pavement Marking	303.89	
		For <10, Add	*38.30*	
		For >50 To 100, Deduct	*-19.15*	
		For >100 To 200, Deduct	*-25.53*	
		For >200, Deduct	*-51.07*	
32 17 23 13-0105	EA	CALTRANS 13' Arrow With Single (L or R) Turn Arrow, Type VII, Painted Reflective Pavement Marking	195.87	
		For <10, Add	*24.67*	
		For >50 To 100, Deduct	*-12.33*	
		For >100 To 200, Deduct	*-16.45*	
		For >200, Deduct	*-32.89*	
32 17 23 13-0106	EA	CALTRANS 15' Arrow With Both (L and R) Turn Arrows, Type VIII, Painted Reflective Pavement Marking	258.01	
		For <10, Add	*32.46*	
		For >50 To 100, Deduct	*-16.23*	
		For >100 To 200, Deduct	*-21.64*	
		For >200, Deduct	*-43.28*	
32 17 23 13-0107	EA	CALTRANS 5' Arrow, Bike Lane, Painted Reflective Pavement Marking	51.37	
		For <10, Add	*6.49*	
		For >50 To 100, Deduct	*-3.25*	
		For >100 To 200, Deduct	*-4.33*	
		For >200, Deduct	*-8.66*	
32 17 23 13-0108	EA	CALTRANS Railroad Crossing Symbol, Painted Reflective Pavement Marking Note: Excludes variable width transverse lines.	492.06	
		For <10, Add	*61.67*	
		For >50 To 100, Deduct	*-30.83*	
		For >100 To 200, Deduct	*-41.11*	
		For >200, Deduct	*-82.23*	
32 17 23 13-0109	SF	CALTRANS Solid Area, Painted Reflective Pavement Marking	6.44	
32 17 23 13-0110	EA	CALTRANS Bike Lane Symbol Without Person, Painted Reflective Pavement Marking Note: Approximate overall dimensions: 4' width x 8' height.	50.55	
		For <10, Add	*4.67*	
		For >50 To 100, Deduct	*-2.34*	
		For >100 To 200, Deduct	*-3.12*	
		For >200, Deduct	*-6.23*	
32 17 23 13-0111	EA	CALTRANS Bike Lane Symbol With Person, Painted Reflective Pavement Marking Note: Approximate overall dimensions: 4' width x 8' height.	53.59	
		For <10, Add	*4.93*	
		For >50 To 100, Deduct	*-2.47*	
		For >100 To 200, Deduct	*-3.29*	
		For >200, Deduct	*-6.58*	
32 17 23 13-0112	EA	CALTRANS Diamond Symbol, Painted Reflective Pavement Marking	81.96	
		For <10, Add	*10.39*	
		For >50 To 100, Deduct	*-5.19*	
		For >100 To 200, Deduct	*-6.92*	
		For >200, Deduct	*-13.85*	
32 17 23 13-0113	EA	CALTRANS International Symbol Of Accessibility (ISA) Marking, Painted Reflective Pavement Marking	166.81	
		For <10, Add	*21.03*	
		For >50 To 100, Deduct	*-10.52*	
		For >100 To 200, Deduct	*-14.02*	
		For >200, Deduct	*-28.04*	
32 17 23 13-0114	EA	CALTRANS Bike Loop Detector Symbol, Painted Reflective Pavement Marking Note: Approximate overall dimensions: 4' width x 8' height.	35.12	
		For <10, Add	*4.93*	
		For >50 To 100, Deduct	*-2.47*	
		For >100 To 200, Deduct	*-3.29*	
		For >200, Deduct	*-6.58*	
32 17 23 13-0115	SF	CALTRANS Letter/Number, Painted Reflective Pavement Marking	6.53	
32 17 23 13-0116	SF	CALTRANS Symbols, Painted Reflective Pavement Marking Note: Handicap, railroad, diamond, arrows, etc.	7.22	

32 17 23 13-0117 Pavement Striping, Letters And Symbols For Parking Areas *(32 17 23 13)*

Note: Includes primers. Per Coat.

32 17 23 13-0118 Painted Pavement Marking For Parking Areas *(32 17 23 13-0117)*

Note: 15 mil thickness.

32 17 23 13-0119	LF	Single 4" Wide Solid Line, Painted Pavement Striping For Parking Areas	1.18	
32 17 23 13-0120	LF	Single 6" Wide Solid Line, Painted Pavement Striping For Parking Areas	1.28	
32 17 23 13-0121	LF	Single 8" Wide Solid Line, Painted Pavement Striping For Parking Areas	1.37	
32 17 23 13-0122	LF	Single 12" Wide Solid Line, Painted Pavement Striping For Parking Areas	1.53	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0123	EA	6" High, Letter/Number, Painted Pavement Marking For Parking Areas	3.89	
		For Up To 10, Add	*0.52*	
		For >50 To 100, Deduct	*-0.26*	
		For >100 To 200, Deduct	*-0.35*	
		For >200, Deduct	*-0.69*	
32 17 23 13-0124	EA	12" High, Letter/Number, Painted Pavement Marking For Parking Areas	6.74	
		For Up To 10, Add	*0.78*	
		For >50 To 100, Deduct	*-0.39*	
		For >100 To 200, Deduct	*-0.52*	
		For >200, Deduct	*-1.04*	
32 17 23 13-0125	EA	24" High, Letter/Number, Painted Pavement Marking For Parking Areas	11.37	
		For Up To 10, Add	*1.30*	
		For >50 To 100, Deduct	*-0.65*	
		For >100 To 200, Deduct	*-0.87*	
		For >200, Deduct	*-1.73*	
32 17 23 13-0126	EA	36" High, Letter/Number, Painted Pavement Marking For Parking Areas	21.22	
		For Up To 10, Add	*2.47*	
		For >50 To 100, Deduct	*-1.23*	
		For >100 To 200, Deduct	*-1.64*	
		For >200, Deduct	*-3.29*	
32 17 23 13-0127	EA	42" High, Letter/Number, Painted Pavement Marking For Parking Areas	27.99	
		For Up To 10, Add	*3.38*	
		For >50 To 100, Deduct	*-1.69*	
		For >100 To 200, Deduct	*-2.25*	
		For >200, Deduct	*-4.50*	
32 17 23 13-0128	EA	48" High, Letter/Number/Arrow, Painted Pavement Marking For Parking Areas	33.91	
		For Up To 10, Add	*4.16*	
		For >50 To 100, Deduct	*-2.08*	
		For >100 To 200, Deduct	*-2.77*	
		For >200, Deduct	*-5.54*	
32 17 23 13-0129	EA	72" High, Letter/Number/Arrow, Painted Pavement Marking For Parking Areas	45.96	
		For Up To 10, Add	*5.19*	
		For >50 To 100, Deduct	*-2.60*	
		For >100 To 200, Deduct	*-3.46*	
		For >200, Deduct	*-6.92*	
32 17 23 13-0130	EA	Through Lane Arrow, Painted Pavement Marking For Parking Areas Note: Approximate overall dimensions: 3-1/2' width x 10' height.	85.38	
32 17 23 13-0131	EA	Turn Lane Arrow, Painted Pavement Marking For Parking Areas Note: Approximate overall dimensions: 6' width x 8' height.	99.35	
32 17 23 13-0132	EA	Dual Turn Lane Arrow, Painted Pavement Marking For Parking Areas Note: Approximate overall dimensions: 11' width x 8' height.	145.62	
32 17 23 13-0133	EA	Turn And Through Lane Arrow, Painted Pavement Marking For Parking Areas Note: Approximate overall dimensions: 7' width x 13' height.	148.84	
32 17 23 13-0134	EA	Dual Turn And Through Lane Arrow, Painted Pavement Marking For Parking Areas Note: Approximate overall dimensions: 9' width x 15' height.	197.83	
32 17 23 13-0135	EA	Handicap Symbol For Standard Parking Stalls, Painted Pavement Marking For Parking Areas Note: Approximate overall dimensions: 2-2/3' width x 3' height. White or blue symbol. Excludes striping.	33.53	
		For Blue Background With White Symbol, Add	*27.03*	
		For Blue Background With White Symbol And Border, Add	*33.79*	
32 17 23 13-0136	EA	Handicap Symbol For Van Parking Stalls, Painted Pavement Marking For Parking Areas Note: Approximate overall dimensions: 4-1/3' width x 5' height. White or blue symbol. Excludes striping.	51.23	
		For Blue Background With White Symbol, Add	*57.56*	
		For Blue Background With White Symbol And Border, Add	*71.96*	

32 17 23 13-0137 Painted Curbs *(32 17 23 13)*

Note: All colors.

32 17 23 13-0138	LF	Reflective Painted Curb	3.13	
32 17 23 13-0139	LF	Reflective Painted Curb And Gutter	6.02	
32 17 23 13-0140	LF	Painted Curb	2.55	
32 17 23 13-0141	LF	Painted Curb And Gutter	5.51	

32 17 23 13-0142 Markings For Outdoor Play Areas, Courts *(32 17 23 13)*

32 17 23 13-0143	LF	2" Wide Marking For Outdoor Play Areas	1.18	
32 17 23 13-0144	LF	3" Wide Marking For Outdoor Play Areas	1.34	
32 17 23 13-0145	LF	4" Wide Marking For Outdoor Play Areas	1.51	
32 17 23 13-0146	LF	6" Wide Marking For Outdoor Play Areas	1.78	
32 17 23 13-0147	EA	Layout And Paint Playground Game Lines And Background On Asphalt Or Concrete (Hop Scotch, 4 Square, Numbers Games, Etcetera)	302.82	

32 17 23 23 Raised Pavement Markings *(32 17 23)*

32 17 23 23-0001 Raised Pavement Markers (RPMs) *(32 17 23 23)*

Note: White, Red, Yellow/Amber, Green or Blue

32 17 23 23-0002	EA	One-Way Reflective, Raised Pavement Marker (RPM) Note: Type G, H or R	8.50	3.12
		For >100, Deduct	*-0.85*	
32 17 23 23-0003	EA	Two-Way Reflective, Raised Pavement Marker (RPM) Note: Type B, C, D, AC, RA or RR	9.02	3.12
		For >100, Deduct	*-0.90*	
32 17 23 23-0004	EA	4" Diameter, Round Reflective, Raised Pavement Marker (RPM)	11.15	3.12
		For >100, Deduct	*-1.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 23-0005	EA	4" Diameter, Non-Reflective, Raised Pavement Marker (RPM) Note: Type A or AY	7.82	3.12
		For >100, Deduct	*-0.78*	

32 17 23 23-0006 Snowplowable Pavement Markers *(32 17 23 23)*

32 17 23 23-0007	EA	One-Way Reflective, Snowplowable Pavement Marker With Center Rail Note: Type G, H or R	84.41	36.10
32 17 23 23-0008	EA	Two-Way Reflective, Snowplowable Pavement Marker With Center Rail Note: Type B, C, D, AC, RA or RR	84.86	36.10
32 17 23 23-0009	EA	Removal And Replacement Of Reflector For One-Way Reflective, Recessed (Plowable) Pavement Marker	24.68	
32 17 23 23-0010	EA	Removal And Replacement Of Reflectors For Two-Way Reflective, Recessed (Plowable) Pavement Marker	31.16	

32 17 23 33 Plastic Pavement Markings *(32 17 23)*

32 17 23 33-0001 Thermoplastic Pavement Striping, Letters, Symbols And Markers For Roads *(32 17 23 33)*

Note: Includes primers, adhesive and glass beads where required. For broken line modifier quantity use total lane length.

32 17 23 33-0002 Thermoplastic Reflective Pavement Marking *(32 17 23 33-0001)*

Note: 90 mil thickness.

32 17 23 33-0003	LF	Single 4" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping	1.47	
		For Up To 5,000 LF, Add	*0.29*	
		For >25,000 LF, Deduct	*-0.22*	
		For 60 mils Thick, Deduct	*-0.20*	
		For 125 mils Thick, Add	*0.26*	
		For Broken Line, Deduct	*-0.87*	
32 17 23 33-0004	LF	Single 6" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping Note: Includes yellow or white.	2.10	
		For Up To 5,000 LF, Add	*0.42*	
		For >25,000 LF, Deduct	*-0.32*	
		For 60 mils Thick, Deduct	*-0.30*	
		For 125 mils Thick, Add	*0.39*	
		For Broken Line, Deduct	*-1.30*	
32 17 23 33-0005	LF	Single 8" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping Note: Includes yellow or white.	2.79	
		For Up To 5,000 LF, Add	*0.56*	
		For >25,000 LF, Deduct	*-0.42*	
		For 60 mils Thick, Deduct	*-0.40*	
		For 125 mils Thick, Add	*0.52*	
		For Broken Line, Deduct	*-1.73*	
32 17 23 33-0006	LF	Single 12" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping Note: Includes yellow or white.	4.08	
		For Up To 5,000 LF, Add	*0.82*	
		For >25,000 LF, Deduct	*-0.61*	
		For 60 mils Thick, Deduct	*-0.61*	
		For 125 mils Thick, Add	*0.78*	
		For Broken Line, Deduct	*-2.60*	
32 17 23 33-0007	LF	Double 4" Wide Solid Lines, 90 Mil Thick, Thermoplastic Reflective Pavement Striping Note: Includes yellow or white.	2.77	
		For Up To 5,000 LF, Add	*0.55*	
		For >25,000 LF, Deduct	*-0.42*	
		For 60 mils Thick, Deduct	*-0.40*	
		For 125 mils Thick, Add	*0.52*	
		For Broken Line On One Side, Deduct	*-0.87*	
		For Double Broken Line, Deduct	*-1.73*	
32 17 23 33-0008	LF	Double 6" Wide Solid Lines, 90 Mil Thick, Thermoplastic Reflective Pavement Striping Note: Includes yellow or white.	4.08	
		For Up To 5,000 LF, Add	*0.82*	
		For >25,000 LF, Deduct	*-0.61*	
		For 60 mils Thick, Deduct	*-0.61*	
		For 125 mils Thick, Add	*0.78*	
		For Broken Line On One Side, Deduct	*-1.30*	
		For Double Broken Line, Deduct	*-2.60*	
32 17 23 33-0009	SF	Solid Area, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Note: Includes yellow or white.	8.64	
		For 60 mils Thick, Deduct	*-0.60*	
		For 125 mils Thick, Add	*0.78*	
32 17 23 33-0010	EA	6" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	5.62	
		For Up To 10, Add	*0.59*	
		For >50 To 100, Deduct	*-0.29*	
		For >100 To 200, Deduct	*-0.39*	
		For >200, Deduct	*-0.78*	
		For 60 mils Thick, Deduct	*-0.30*	
		For 125 mils Thick, Add	*0.39*	
32 17 23 33-0011	EA	12" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	12.12	
		For Up To 10, Add	*0.88*	
		For >50 To 100, Deduct	*-0.44*	
		For >100 To 200, Deduct	*-0.59*	
		For >200, Deduct	*-1.18*	
		For 60 mils Thick, Deduct	*-1.09*	
		For 125 mils Thick, Add	*1.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 33-0012	EA	24" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	20.70	
		For Up To 10, Add	*1.47*	
		For >50 To 100, Deduct	*-0.73*	
		For >100 To 200, Deduct	*-0.98*	
		For >200, Deduct	*-1.96*	
		For 60 mils Thick, Deduct	*-1.91*	
		For 125 mils Thick, Add	*2.46*	
32 17 23 33-0013	EA	36" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	38.84	
		For Up To 10, Add	*2.95*	
		For >50 To 100, Deduct	*-1.47*	
		For >100 To 200, Deduct	*-1.97*	
		For >200, Deduct	*-3.93*	
		For 60 mils Thick, Deduct	*-3.36*	
		For 125 mils Thick, Add	*4.32*	
32 17 23 33-0014	EA	48" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	46.93	
		For Up To 10, Add	*3.30*	
		For >50 To 100, Deduct	*-1.65*	
		For >100 To 200, Deduct	*-2.20*	
		For >200, Deduct	*-4.40*	
		For 60 mils Thick, Deduct	*-4.37*	
		For 125 mils Thick, Add	*5.61*	
32 17 23 33-0015	EA	72" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	84.70	
		For Up To 10, Add	*5.87*	
		For >50 To 100, Deduct	*-2.93*	
		For >100 To 200, Deduct	*-3.91*	
		For >200, Deduct	*-7.82*	
		For 60 mils Thick, Deduct	*-7.98*	
		For 125 mils Thick, Add	*10.26*	
32 17 23 33-0016	EA	96" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	112.52	
		For Up To 10, Add	*7.88*	
		For >50 To 100, Deduct	*-3.94*	
		For >100 To 200, Deduct	*-5.25*	
		For >200, Deduct	*-10.51*	
		For 60 mils Thick, Deduct	*-10.50*	
		For 125 mils Thick, Add	*13.50*	
32 17 23 33-0017	EA	120" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	198.96	
		For Up To 10, Add	*9.76*	
		For >50 To 100, Deduct	*-4.88*	
		For >100 To 200, Deduct	*-6.51*	
		For >200, Deduct	*-13.02*	
		For 60 mils Thick, Deduct	*-23.43*	
		For 125 mils Thick, Add	*30.12*	
32 17 23 33-0018	SF	Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	10.20	
		For 60 mils Thick, Deduct	*-0.76*	
		For 125 mils Thick, Add	*0.97*	
32 17 23 33-0019	SY	Cross Hatch, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	29.40	
		Note: Per SY of area.		
		For 60 mils Thick, Deduct	*-1.36*	
		For 125 mils Thick, Add	*1.75*	
32 17 23 33-0020	EA	Handicap Symbol, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	264.55	
		For 60 mils Thick, Deduct	*-17.38*	
		For 125 mils Thick, Add	*22.35*	
32 17 23 33-0021	EA	Railroad Symbol, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	786.98	
		For 60 mils Thick, Deduct	*-52.90*	
		For 125 mils Thick, Add	*68.02*	
32 17 23 33-0022	EA	Bike Lane Symbol, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	171.43	
		Note: Approximate overall dimensions: 4' width x 8' height.		
		For 60 mils Thick, Deduct	*-23.94*	
		For 125 mils Thick, Add	*30.78*	
32 17 23 33-0023	EA	Diamond Symbol, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	126.53	
		For 60 mils Thick, Deduct	*-8.31*	
		For 125 mils Thick, Add	*10.69*	
32 17 23 33-0024	SF	Symbols, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	11.50	
		Note: Handicap, railroad, diamond, arrows, etc.		
		For 60 mils Thick, Deduct	*-0.76*	
		For 125 mils Thick, Add	*0.97*	
32 17 23 33-0025	EA	10' Arrow, Type I, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	161.03	
		For 60 mils Thick, Deduct	*-10.58*	
		For 125 mils Thick, Add	*13.60*	
32 17 23 33-0026	EA	18' Arrow, Type I, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	287.56	
		For 60 mils Thick, Deduct	*-18.89*	
		For 125 mils Thick, Add	*24.29*	
32 17 23 33-0027	EA	24' Arrow, Type I, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	356.57	
		For 60 mils Thick, Deduct	*-23.43*	
		For 125 mils Thick, Add	*30.12*	
32 17 23 33-0028	EA	24' Arrow With Single (L or R) Turn Arrow, Type II, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	517.60	
		For 60 mils Thick, Deduct	*-34.01*	
		For 125 mils Thick, Add	*43.72*	
32 17 23 33-0029	EA	24' Arrow With Both (L and R) Turn Arrows, Type II, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	678.64	
		For 60 mils Thick, Deduct	*-44.59*	
		For 125 mils Thick, Add	*57.33*	
32 17 23 33-0030	EA	24' Arrow Single (L or R) Turn Arrow, Type III, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	483.09	
		For 60 mils Thick, Deduct	*-31.74*	
		For 125 mils Thick, Add	*40.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 33-0031	EA	24' Arrow Both (L and R) Turn Arrows, Type III, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	839.67	
		For 60 mils Thick, Deduct	*-55.17*	
		For 125 mils Thick, Add	*70.93*	
32 17 23 33-0032	EA	8' Turn Arrow (L or R), Type IV, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	172.54	
		For 60 mils Thick, Deduct	*-11.34*	
		For 125 mils Thick, Add	*14.58*	
32 17 23 33-0033	EA	24' Arrow, Type V, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	379.58	
		For 60 mils Thick, Deduct	*-24.94*	
		For 125 mils Thick, Add	*32.06*	
32 17 23 33-0034	EA	18' Arrow, Type VI, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	483.09	
		For 60 mils Thick, Deduct	*-31.74*	
		For 125 mils Thick, Add	*40.81*	
32 17 23 33-0035	EA	13' Arrow With Single (L or R) Turn Arrow, Type VII, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	310.57	
		For 60 mils Thick, Deduct	*-20.41*	
		For 125 mils Thick, Add	*26.24*	
32 17 23 33-0036	EA	15' Arrow With Both (L and R) Turn Arrows, Type VIII, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	414.08	
		For 60 mils Thick, Deduct	*-27.21*	
		For 125 mils Thick, Add	*34.98*	
32 17 23 33-0037	EA	5' Arrow, Bike Lane, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	80.52	
		For 60 mils Thick, Deduct	*-5.29*	
		For 125 mils Thick, Add	*6.80*	

32 17 23 33-0038 Thermoplastic Reflective Pavement Striping By Hand For Repairs *(32 17 23 33-0001)*

32 17 23 33-0039	LF	Single 4" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping By Hand For Repairs	2.99	
		For 60 mils Thick, Deduct	*-0.20*	
		For 125 mils Thick, Add	*0.26*	
32 17 23 33-0040	LF	Single 6" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping By Hand For Repairs	3.82	
		For 60 mils Thick, Deduct	*-0.30*	
		For 125 mils Thick, Add	*0.39*	
32 17 23 33-0041	LF	Single 8" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping By Hand For Repairs	4.74	
		For 60 mils Thick, Deduct	*-0.40*	
		For 125 mils Thick, Add	*0.52*	
32 17 23 33-0042	LF	Single 12" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping By Hand For Repairs	6.84	
		For 60 mils Thick, Deduct	*-0.61*	
		For 125 mils Thick, Add	*0.78*	
32 17 23 33-0043	LF	Single 24" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping By Hand For Repairs	12.41	
		For 60 mils Thick, Deduct	*-1.21*	
		For 125 mils Thick, Add	*1.56*	

32 17 23 33-0044 Preformed, Patterned Reflective Pavement Marking Tape *(32 17 23 33-0001)*

Note: Applied with pressure sensitive adhesive. Includes adhesive. 60 mil thickness. (3M Stamark 380 Series).

32 17 23 33-0045	LF	Single 4" Wide Solid Line, 60 Mil Thick, Preformed Patterned Thermoplastic Reflective Pavement Striping Note: Includes yellow or white.	3.16	
		For Up To 5,000 LF, Add	*0.63*	
		For >25,000 LF, Deduct	*-0.47*	
32 17 23 33-0046	LF	Single 6" Wide Solid Line, 60 Mil Thick, Preformed Patterned Thermoplastic Reflective Pavement Striping Note: Includes yellow or white.	4.67	
		For Up To 5,000 LF, Add	*0.93*	
		For >25,000 LF, Deduct	*-0.70*	
32 17 23 33-0047	LF	Single 8" Wide Solid Line, 60 Mil Thick, Preformed Patterned Thermoplastic Reflective Pavement Striping Note: Includes yellow or white.	6.21	
		For Up To 5,000 LF, Add	*1.24*	
		For >25,000 LF, Deduct	*-0.93*	
32 17 23 33-0048	LF	Single 12" Wide Solid Line, 60 Mil Thick, Preformed Patterned Thermoplastic Reflective Pavement Striping Note: Includes yellow or white.	9.21	
		For Up To 5,000 LF, Add	*1.84*	
		For >25,000 LF, Deduct	*-1.38*	
32 17 23 33-0049	SF	Solid Area, 60 Mil Thick, Preformed Patterned Thermoplastic Reflective Pavement Marking Tape Note: Includes yellow or white.	24.92	
32 17 23 33-0050	EA	6" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape	37.12	
		For <10, Add	*1.07*	
		For >50 To 100, Deduct	*-0.53*	
		For >100 To 200, Deduct	*-0.71*	
		For >200, Deduct	*-1.42*	
32 17 23 33-0051	EA	12" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape	66.13	
		For <10, Add	*1.35*	
		For >50 To 100, Deduct	*-0.68*	
		For >100 To 200, Deduct	*-0.90*	
		For >200, Deduct	*-1.80*	
32 17 23 33-0052	EA	24" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape	113.21	
		For <10, Add	*2.67*	
		For >50 To 100, Deduct	*-1.34*	
		For >100 To 200, Deduct	*-1.78*	
		For >200, Deduct	*-3.57*	
32 17 23 33-0053	EA	36" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape	161.74	
		For <10, Add	*5.35*	
		For >50 To 100, Deduct	*-2.67*	
		For >100 To 200, Deduct	*-3.57*	
		For >200, Deduct	*-7.13*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 33-0054	EA	48" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape	189.89	
		For <10, Add	*6.00*	
		For >50 To 100, Deduct	*-3.00*	
		For >100 To 200, Deduct	*-4.00*	
		For >200, Deduct	*-8.00*	
32 17 23 33-0055	EA	72" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape	239.64	
		For <10, Add	*10.67*	
		For >50 To 100, Deduct	*-5.34*	
		For >100 To 200, Deduct	*-7.12*	
		For >200, Deduct	*-14.23*	
32 17 23 33-0056	EA	96" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape	304.71	
		For <10, Add	*14.33*	
		For >50 To 100, Deduct	*-7.17*	
		For >100 To 200, Deduct	*-9.56*	
		For >200, Deduct	*-19.11*	
32 17 23 33-0057	EA	120" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape	382.18	
		For <10, Add	*17.76*	
		For >50 To 100, Deduct	*-8.88*	
		For >100 To 200, Deduct	*-11.84*	
		For >200, Deduct	*-23.68*	
32 17 23 33-0058	SF	Preformed Arrow, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape	25.61	
32 17 23 33-0059	SF	Preformed Symbol, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape Note: Handicap, railroad, diamond symbol, etc.	26.91	
32 17 23 33-0060		Preformed, Thermoplastic Reflective Pavement Marking *(32 17 23 33-0001)* Note: Heat applied. (Flint PreMark or HotTape Series).		
32 17 23 33-0061	EA	Preformed Bike Lane Symbol, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 4' width x 8' height.	404.22	
32 17 23 33-0062	EA	Preformed Railroad Crossing Symbol, 125 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 8' width x 20' height. Excludes transverse lines.	1,073.31	
32 17 23 33-0063	EA	Preformed Preferential Lane Symbol (Diamond), 125 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 3-1/4' width x 13' height.	208.53	
32 17 23 33-0064	EA	6' Height, Preformed Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 2' width x 6' height.	173.72	
32 17 23 33-0065	EA	9-1/2' Height, Preformed Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 3-1/4' width x 9-1/2' height.	347.04	
32 17 23 33-0066	EA	4' Height, Preformed Turn Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 3' width x 4' height.	203.21	
32 17 23 33-0067	EA	8' Height, Preformed Turn Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 6' width x 8' height.	387.69	
32 17 23 33-0068	EA	Preformed Turn And Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 7-1/4' width x 12-3/4' height.	670.07	
32 17 23 33-0069	EA	Preformed Dual Turn And Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 11-1/4' width x 13-1/4' height.	1,014.77	
32 17 23 33-0070	EA	Preformed Elongated Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 1-2/3' width x 12' height.	355.52	
32 17 23 33-0071	EA	Preformed Elongated Turn Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 3' width x 12' height.	396.17	
32 17 23 33-0072	EA	Preformed Elongated Dual Turn Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 5-1/2' width x 12' height.	740.39	
32 17 23 33-0073	EA	Preformed Elongated Turn And Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 3-1/2' width x 20' height.	679.58	
32 17 23 33-0074	EA	Preformed Elongated Dual Turn And Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 5-1/2' width x 20' height.	682.18	
32 17 23 33-0075	EA	Preformed Lane-Reduction Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 5-1/2' width x 18' height.	945.34	
32 17 23 33-0076		Thermoplastic Pavement Striping, Letters And Symbols For Parking Areas *(32 17 23 33)*		
32 17 23 33-0077		Thermoplastic Pavement Marking Symbols For Parking Areas *(32 17 23 33-0076)* Note: Heat applied. (Flint PreMark Series).		
32 17 23 33-0078	EA	28" Handicap Symbol For Standard Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas Note: White or blue symbol. Excludes striping.	135.44	
32 17 23 33-0079	EA	39" Handicap Symbol For Standard Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas	521.46	
32 17 23 33-0080	EA	40" x 40" Handicap Symbol For Van Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas Note: White symbol on blue background. Excludes striping.	292.80	
32 17 23 33-0081	EA	45" x 45" Handicap Symbol For Van Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas Note: White symbol on blue background. Excludes striping.	352.54	
32 17 23 33-0082	EA	48" x 48" Handicap Symbol For Van Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas	369.61	

32 17 26 Tactile Warning Surfaces *(32 17)*

32 17 26 00-0001 Vitrified Polymer Composite (VPC); (Armor Tile) *(32 17 26)*
Note: Truncated dome, raised strips or directional bars. All colors.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 26 00-0002	SF	Surface Applied VPC Truncated Dome Detectable Warning Surface Note: Includes adhesive, fasteners and sealant at perimeter. Also raised strips or directional bars. All colors.	67.98	9.88
32 17 26 00-0003	SF	Embedded, VPC Truncated Dome Detectable Warning Surface Note: Also raised strips or directional bars. All colors.	55.13	9.88
32 17 26 00-0004		Fiber-Reinforced, Polymer Modified Cement And Coated With Acrylic Resin Emulsion (SatetyStep TD) *(32 17 26)* Note: Pre-molded tactile dome sheet. All colors.		
32 17 26 00-0005	SF	Up To 15 SF, Surface Applied Pre-Molded Tactile Warning Mat (SSTD-MAT) Note: Includes surface preparation, SSTD-589 adhesive, SSTD-100 topcoat sealer and SSTD-1250 finish. All colors. 2' or 3' width.	81.51	9.88
32 17 26 00-0006	SF	>15 To 36 SF, Surface Applied Pre-Molded Tactile Warning Mat (SSTD-MAT) Note: Includes surface preparation, SSTD-589 adhesive, SSTD-100 topcoat sealer and SSTD-1250 finish. All colors. 2' or 3' width.	72.62	9.88

32 18 Athletic and Recreational Surfacing *(32 10)*

32 18 16 Synthetic Resilient Surfacing *(32 18)*

32 18 16 13 Playground Protective Surfacing *(32 18 16)*

32 18 16 13-0001		Tile Playground Surface Material *(32 18 16 13)* Note: Black. With or without channel bottom. Includes transition section and curbs. Excludes sub base.		
32 18 16 13-0002	SF	1-3/4" Thick, Resilient Rubber Tile Playground Surfacing	26.25	2.81
		For Manufacturer's Standard Colors, Add	*1.60*	
		For Interlocking Tiles, Add	*3.57*	
		For Mechanically Fastened, Add	*2.08*	
		For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	*1.50*	
32 18 16 13-0003	SF	2" Thick, Resilient Rubber Tile Playground Surfacing	26.78	2.98
		For Manufacturer's Standard Colors, Add	*1.60*	
		For Interlocking Tiles, Add	*3.57*	
		For Mechanically Fastened, Add	*2.19*	
		For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	*1.50*	
32 18 16 13-0004	SF	2-1/4" Thick, Resilient Rubber Tile Playground Surfacing	27.84	3.33
		For Manufacturer's Standard Colors, Add	*1.60*	
		For Interlocking Tiles, Add	*3.57*	
		For Mechanically Fastened, Add	*2.40*	
		For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	*1.50*	
32 18 16 13-0005	SF	2-1/2" Thick, Resilient Rubber Tile Playground Surfacing	28.89	3.68
		For Manufacturer's Standard Colors, Add	*1.60*	
		For Interlocking Tiles, Add	*3.57*	
		For Mechanically Fastened, Add	*2.61*	
		For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	*1.50*	
32 18 16 13-0006	SF	2-3/4" Thick, Resilient Rubber Tile Playground Surfacing	32.25	4.03
		For Manufacturer's Standard Colors, Add	*1.21*	
		For Interlocking Tiles, Add	*4.03*	
		For Mechanically Fastened, Add	*2.82*	
		For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	*1.50*	
32 18 16 13-0007	SF	3" Thick, Resilient Rubber Tile Playground Surfacing	33.41	4.42
		For Manufacturer's Standard Colors, Add	*1.21*	
		For Interlocking Tiles, Add	*4.03*	
		For Mechanically Fastened, Add	*3.05*	
		For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	*1.50*	
32 18 16 13-0008	SF	3-1/4" Thick, Resilient Rubber Tile Playground Surfacing	34.62	4.82
		For Manufacturer's Standard Colors, Add	*1.21*	
		For Interlocking Tiles, Add	*4.03*	
		For Mechanically Fastened, Add	*3.30*	
		For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	*1.50*	
32 18 16 13-0009	SF	3-1/2" Thick, Resilient Rubber Tile Playground Surfacing	38.06	5.16
		For Manufacturer's Standard Colors, Add	*0.67*	
		For Interlocking Tiles, Add	*4.50*	
		For Mechanically Fastened, Add	*3.52*	
		For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	*1.50*	
32 18 16 13-0010	SF	3-3/4" Thick, Resilient Rubber Tile Playground Surfacing	39.12	5.58
		For Manufacturer's Standard Colors, Add	*0.67*	
		For Interlocking Tiles, Add	*4.50*	
		For Mechanically Fastened, Add	*3.73*	
		For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	*1.50*	
32 18 16 13-0011	SF	4" Thick, Resilient Rubber Tile Playground Surfacing	40.27	5.89
		For Manufacturer's Standard Colors, Add	*0.67*	
		For Interlocking Tiles, Add	*4.50*	
		For Mechanically Fastened, Add	*3.96*	
		For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	*1.50*	
32 18 16 13-0012	SF	4-1/2" Thick, Resilient Rubber Tile Playground Surfacing	46.35	6.63
		For Manufacturer's Standard Colors, Add	*0.66*	
		For Interlocking Tiles, Add	*5.27*	
		For Mechanically Fastened, Add	*4.40*	
		For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	*1.50*	
32 18 16 13-0013		Loose Laid Playground Surface Material *(32 18 16 13)* Note: Excludes sub base.		
32 18 16 13-0014	SF	3" Loose Laid Wood Fiber Safety Playground Surfacing	1.94	0.42

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 18 16 13-0015	SF	6" Loose Laid Wood Fiber Safety Playground Surfacing	2.57	0.52
32 18 16 13-0016	SF	9" Loose Laid Wood Fiber Safety Playground Surfacing	3.27	0.63
32 18 16 13-0017	SF	12" Loose Laid Wood Fiber Safety Playground Surfacing	4.62	0.95
32 18 16 13-0018	SF	3" Loose Laid Synthetic Fiber Safety Playground Surfacing	2.84	0.42
32 18 16 13-0019	SF	6" Loose Laid Synthetic Fiber Safety Playground Surfacing	3.52	0.52
32 18 16 13-0020	SF	9" Loose Laid Synthetic Fiber Safety Playground Surfacing	5.33	0.63
32 18 16 13-0021	SF	12" Loose Laid Synthetic Fiber Safety Playground Surfacing	6.70	0.95
32 18 16 13-0022	SF	8" FIBAR System Playground Surfacing Note: Includes drainage system on 6" centers, felt, edge railing and 8" wood fiber.	11.38	1.58
32 18 16 13-0023	SF	12" FIBAR System Playground Surfacing Note: Includes drainage system on 6" centers, felt, edge railing and 12" wood fiber.	14.52	2.11

32 18 16 13-0024 Poured In Place Playground Surfacing *(32 18 16 13)*

Note: Includes SBR base mat, 100% color ethylene propylene diene monomer (EPDM) top surface and 5 year warranty. Includes primer for base mat and top surface. Includes all colors. Excludes base preparation.

32 18 16 13-0025	SF	1-3/4" Thick, Up To 4' Critical Fall Height, Poured In Place Rubber Playground Surfacing	20.28	2.98
		For Up To 2,000, Add	*4.03*	
		For >2,000 To 3,000, Add	*2.84*	
		For >3,000 To 4,000, Add	*1.94*	
		For >4,000 To 5,000, Add	*1.24*	
		For >5,000 To 7,000, Add	*0.52*	
		For Aliphatic (Non-Yellowing) Binder, Add	*4.41*	
		For Each 10% Of Area In Black Instead Of Color, Deduct	*-0.60*	
32 18 16 13-0026	SF	2" Thick, 5' Critical Fall Height, Poured In Place Rubber Playground Surfacing	20.92	3.30
		For Up To 2,000, Add	*4.16*	
		For >2,000 To 3,000, Add	*2.93*	
		For >3,000 To 4,000, Add	*2.00*	
		For >4,000 To 5,000, Add	*1.28*	
		For >5,000 To 7,000, Add	*0.53*	
		For Aliphatic (Non-Yellowing) Binder, Add	*4.41*	
		For Each 10% Of Area In Black Instead Of Color, Deduct	*-0.60*	
32 18 16 13-0027	SF	2-1/2" Thick, 6' Critical Fall Height, Poured In Place Rubber Playground Surfacing	22.58	3.77
		For Up To 2,000, Add	*4.49*	
		For >2,000 To 3,000, Add	*3.17*	
		For >3,000 To 4,000, Add	*2.16*	
		For >4,000 To 5,000, Add	*1.38*	
		For >5,000 To 7,000, Add	*0.57*	
		For Aliphatic (Non-Yellowing) Binder, Add	*4.41*	
		For Each 10% Of Area In Black Instead Of Color, Deduct	*-0.60*	
32 18 16 13-0028	SF	3" Thick, 7' Critical Fall Height, Poured In Place Rubber Playground Surfacing	24.40	4.01
		For Up To 2,000, Add	*4.85*	
		For >2,000 To 3,000, Add	*3.42*	
		For >3,000 To 4,000, Add	*2.33*	
		For >4,000 To 5,000, Add	*1.49*	
		For >5,000 To 7,000, Add	*0.62*	
		For Aliphatic (Non-Yellowing) Binder, Add	*4.41*	
		For Each 10% Of Area In Black Instead Of Color, Deduct	*-0.60*	
32 18 16 13-0029	SF	3-1/2" Thick, 8' Critical Fall Height, Poured In Place Rubber Playground Surfacing	26.19	4.22
		For Up To 2,000, Add	*5.21*	
		For >2,000 To 3,000, Add	*3.67*	
		For >3,000 To 4,000, Add	*2.50*	
		For >4,000 To 5,000, Add	*1.60*	
		For >5,000 To 7,000, Add	*0.67*	
		For Aliphatic (Non-Yellowing) Binder, Add	*4.41*	
		For Each 10% Of Area In Black Instead Of Color, Deduct	*-0.60*	
32 18 16 13-0030	SF	4" Thick, 9' Critical Fall Height, Poured In Place Rubber Playground Surfacing	27.73	4.46
		For Up To 2,000, Add	*5.51*	
		For >2,000 To 3,000, Add	*3.89*	
		For >3,000 To 4,000, Add	*2.65*	
		For >4,000 To 5,000, Add	*1.69*	
		For >5,000 To 7,000, Add	*0.70*	
		For Aliphatic (Non-Yellowing) Binder, Add	*4.41*	
		For Each 10% Of Area In Black Instead Of Color, Deduct	*-0.60*	
32 18 16 13-0031	SF	4-1/2" Thick, 10' Critical Fall Height, Poured In Place Rubber Playground Surfacing	29.53	4.71
		For Up To 2,000, Add	*5.87*	
		For >2,000 To 3,000, Add	*4.14*	
		For >3,000 To 4,000, Add	*2.82*	
		For >4,000 To 5,000, Add	*1.80*	
		For >5,000 To 7,000, Add	*0.75*	
		For Aliphatic (Non-Yellowing) Binder, Add	*4.41*	
		For Each 10% Of Area In Black Instead Of Color, Deduct	*-0.60*	
32 18 16 13-0032	SF	5-1/2" Thick, 12' Critical Fall Height, Poured In Place Rubber Playground Surfacing	33.13	5.28
		For Up To 2,000, Add	*6.58*	
		For >2,000 To 3,000, Add	*4.64*	
		For >3,000 To 4,000, Add	*3.16*	
		For >4,000 To 5,000, Add	*2.02*	
		For >5,000 To 7,000, Add	*0.84*	
		For Aliphatic (Non-Yellowing) Binder, Add	*4.41*	
		For Each 10% Of Area In Black Instead Of Color, Deduct	*-0.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 18 16 13-0033	SF	1/2" Top Only, Poured In Place Playground Surfacing Note: Not used with new surfacing system tasks.	13.25	
		For Up To 2,000, Add	*3.96*	
		For >2,000 To 3,000, Add	*2.57*	
		For >3,000 To 4,000, Add	*1.57*	
		For >4,000 To 5,000, Add	*0.95*	
		For >5,000 To 7,000, Add	*0.43*	
		For Aliphatic (Non-Yellowing) Binder, Add	*4.41*	
		For Each 10% Of Area In Black Instead Of Color, Deduct	*-0.60*	
32 18 16 13-0034	EA	Simple Graphics Including Hopscotch, Four Square Or Geometric Shapes (5 Per 1,000 SF) For Poured In Place Playground Surfacing	2,930.45	

32 18 16 13-0035 Synthetic Playground Turf (Sporturf) *(32 18 16 13)*

Note: Excludes base preparation, aggregate, or drainage.

32 18 16 13-0036	SF	60 OZ/SY Face Weight, Tufted Polyethylene Monofilament Classic Spine/ Texturized Polypropylene Synthetic Turf (Sporturf PL929)	11.10	
32 18 16 13-0037	SF	71 OZ/SY Face Weight, Tufted Polyethylene Monofilament Classic Spine/ Texturized Polypropylene Synthetic Turf (Mirage PL906)	9.79	
32 18 16 13-0038	SF	2" Foam Padding (Sporturf)	6.34	
32 18 16 13-0039	CF	Sand/Rubber Infill (Sporturf)	62.00	

32 18 23 Athletic Surfacing *(32 18)*

32 18 23 29 Synthetic Field Sport Surfacing *(32 18 23)*

32 18 23 29-0001 Synthetic Field Sport Surfacing *(32 18 23 29)*

32 18 23 29-0002 Synthetic Turf (AstroTurf) *(32 18 23 29-0001)*

Note: Includes labor, equipment and material required to install the task.

32 18 23 29-0003 Tufted Monofilament Polyethylene Synthetic Turf (AstroTurf® GameDay Grass™ MT) *(32 18 23 29-0002)*

32 18 23 29-0004 38 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf (AstroTurf® GameDay Grass™ MT 38) *(32 18 23 29-0003)*

32 18 23 29-0005	SF	38 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Ambient Rubber Infill (AstroTurf® GameDay Grass™ MT 38)	8.79	
		For Ambient Rubber And Sand Infill, Add	*0.10*	
		For Cryo Rubber Infill, Add	*0.26*	
		For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add	*0.31*	
		For Cryo Rubber And Sand Infill, Add	*0.36*	
32 18 23 29-0006	EA	Football Markings For AstroTurf® GameDay Grass™ MT 38 Fields	28,277.14	
32 18 23 29-0007	EA	Baseball Markings For AstroTurf® GameDay Grass™ MT 38 Fields	23,048.54	
32 18 23 29-0008	EA	Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ MT 38 Fields Note: Per sport.	6,935.90	
32 18 23 29-0009	EA	End Zone Lettering For AstroTurf® GameDay Grass™ MT 38 Fields Note: Per letter. Excludes outline.	2,560.95	
32 18 23 29-0010	EA	Colored End Zone For AstroTurf® GameDay Grass™ MT 38 Fields Note: Per end zone.	2,454.24	
32 18 23 29-0011	EA	Simple Logo For AstroTurf® GameDay Grass™ MT 38 Fields Note: Block letter.	21,341.24	
32 18 23 29-0012	EA	Deluxe Logo For AstroTurf® GameDay Grass™ MT 38 Fields Note: Graphic.	30,944.80	

32 18 23 29-0013 41 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf (AstroTurf® GameDay Grass™ MT 41) *(32 18 23 29-0003)*

32 18 23 29-0014	SF	41 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Ambient Rubber Infill (AstroTurf® GameDay Grass™ MT 41)	10.08	
		For Ambient Rubber And Sand Infill, Add	*0.10*	
		For Cryo Rubber Infill, Add	*0.26*	
		For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add	*0.31*	
		For Cryo Rubber And Sand Infill, Add	*0.36*	
32 18 23 29-0015	EA	Football Markings For AstroTurf® GameDay Grass™ MT 41 Fields	28,810.85	
32 18 23 29-0016	EA	Baseball Markings For AstroTurf® GameDay Grass™ MT 41 Fields	23,902.33	
32 18 23 29-0017	EA	Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ MT 41 Fields Note: Per sport.	7,469.48	
32 18 23 29-0018	EA	End Zone Lettering For AstroTurf® GameDay Grass™ MT 41 Fields Note: Per letter. Excludes outline.	2,774.38	
32 18 23 29-0019	EA	Colored End Zone For AstroTurf® GameDay Grass™ MT 41 Fields Note: Per end zone.	2,560.96	
32 18 23 29-0020	EA	Simple Logo For AstroTurf® GameDay Grass™ MT 41 Fields Note: Block letter.	22,408.44	
32 18 23 29-0021	EA	Deluxe Logo For AstroTurf® GameDay Grass™ MT 41 Fields Note: Graphic.	32,492.23	

32 18 23 29-0022 45 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf (AstroTurf® GameDay Grass™ MT 45) *(32 18 23 29-0003)*

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 18 23 29-0023	SF	45 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Ambient Rubber Infill (AstroTurf® GameDay Grass™ MT 45)	10.27	
		For Ambient Rubber And Sand Infill, Add	*0.10*	
		For Cryo Rubber Infill, Add	*0.26*	
		For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add	*0.31*	
		For Cryo Rubber And Sand Infill, Add	*0.36*	
32 18 23 29-0024	EA	Football Markings For AstroTurf® GameDay Grass™ MT 45 Fields	29,344.38	
32 18 23 29-0025	EA	Baseball Markings For AstroTurf® GameDay Grass™ MT 45 Fields	25,823.06	
32 18 23 29-0026	EA	Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ MT 45 Fields Note: Per sport.	8,003.01	
32 18 23 29-0027	EA	End Zone Lettering For AstroTurf® GameDay Grass™ MT 45 Fields Note: Per letter. Excludes outline.	2,987.79	
32 18 23 29-0028	EA	Colored End Zone For AstroTurf® GameDay Grass™ MT 45 Fields Note: Per end zone.	2,667.67	
32 18 23 29-0029	EA	Simple Logo For AstroTurf® GameDay Grass™ MT 45 Fields Note: Block letter.	23,475.50	
32 18 23 29-0030	EA	Deluxe Logo For AstroTurf® GameDay Grass™ MT 45 Fields Note: Graphic.	34,039.48	

32 18 23 29-0031 Tufted Monofilament Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ 3D) *(32 18 23 29-0002)*

32 18 23 29-0032 52 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ 3DX 52) *(32 18 23 29-0031)*

32 18 23 29-0033	SF	52 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® GameDay Grass™ 3DX 52)	11.47	
		For Ambient Rubber And Sand Infill, Add	*0.10*	
		For Cryo Rubber Infill, Add	*0.20*	
		For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add	*0.25*	
		For Cryo Rubber And Sand Infill, Add	*0.30*	
32 18 23 29-0034	EA	Football Markings For AstroTurf® GameDay Grass™ 3DX 52 Fields	30,411.27	
32 18 23 29-0035	EA	Baseball Markings For AstroTurf® GameDay Grass™ 3DX 52 Fields	32,438.68	
32 18 23 29-0036	EA	Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ 3DX 52 Fields Note: Per sport.	9,070.03	
32 18 23 29-0037	EA	End Zone Lettering For AstroTurf® GameDay Grass™ 3DX 52 Fields Note: Per letter. Excludes outline.	3,414.60	
32 18 23 29-0038	EA	Colored End Zone For AstroTurf® GameDay Grass™ 3DX 52 Fields Note: Per end zone.	2,881.07	
32 18 23 29-0039	EA	Simple Logo For AstroTurf® GameDay Grass™ 3DX 52 Fields Note: Block letter.	25,609.49	
32 18 23 29-0040	EA	Deluxe Logo For AstroTurf® GameDay Grass™ 3DX 52 Fields Note: Graphic.	37,133.76	

32 18 23 29-0041 60 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ 3DX 60) *(32 18 23 29-0031)*

32 18 23 29-0042	SF	60 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® GameDay Grass™ 3DX 60)	11.86	
		For Ambient Rubber And Sand Infill, Add	*0.10*	
		For Cryo Rubber Infill, Add	*0.20*	
		For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add	*0.25*	
		For Cryo Rubber And Sand Infill, Add	*0.30*	
32 18 23 29-0043	EA	Football Markings For AstroTurf® GameDay Grass™ 3DX 60 Fields	30,944.80	
32 18 23 29-0044	EA	Baseball Markings For AstroTurf® GameDay Grass™ 3DX 60 Fields	36,066.70	
32 18 23 29-0045	EA	Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ 3DX 60 Fields Note: Per sport.	9,603.56	
32 18 23 29-0046	EA	End Zone Lettering For AstroTurf® GameDay Grass™ 3DX 60 Fields Note: Per letter. Excludes outline.	3,628.01	
32 18 23 29-0047	EA	Colored End Zone For AstroTurf® GameDay Grass™ 3DX 60 Fields Note: Per end zone.	2,987.77	
32 18 23 29-0048	EA	Simple Logo For AstroTurf® GameDay Grass™ 3DX 60 Fields Note: Block letter.	26,676.55	
32 18 23 29-0049	EA	Deluxe Logo For AstroTurf® GameDay Grass™ 3DX 60 Fields Note: Graphic.	38,681.00	

32 18 23 29-0050 52 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ 3D 52) *(32 18 23 29-0031)*

32 18 23 29-0051	SF	52 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® GameDay Grass™ 3D 52)	11.88	
		For Ambient Rubber And Sand Infill, Add	*0.10*	
		For Cryo Rubber Infill, Add	*0.20*	
		For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add	*0.25*	
		For Cryo Rubber And Sand Infill, Add	*0.30*	
32 18 23 29-0052	EA	Football Markings For AstroTurf® GameDay Grass™ 3D 52 Fields	31,478.33	
32 18 23 29-0053	EA	Baseball Markings For AstroTurf® GameDay Grass™ 3D 52 Fields	36,280.11	
32 18 23 29-0054	EA	Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ 3D 52 Fields Note: Per sport.	10,137.09	
32 18 23 29-0055	EA	End Zone Lettering For AstroTurf® GameDay Grass™ 3D 52 Fields Note: Per letter. Excludes outline.	3,841.42	
32 18 23 29-0056	EA	Colored End Zone For AstroTurf® GameDay Grass™ 3D 52 Fields Note: Per end zone.	3,094.48	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 18 23 29-0057	EA	Simple Logo For AstroTurf® GameDay Grass™ 3D 52 Fields Note: Block letter.	27,743.61	
32 18 23 29-0058	EA	Deluxe Logo For AstroTurf® GameDay Grass™ 3D 52 Fields Note: Graphic.	40,228.24	

32 18 23 29-0059 60 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ 3D 60) *(32 18 23 29-0031)*

32 18 23 29-0060	SF	60 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® GameDay Grass™ 3D 60)	12.11	
		For Ambient Rubber And Sand Infill, Add	*0.10*	
		For Cryo Rubber Infill, Add	*0.20*	
		For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add	*0.25*	
		For Cryo Rubber And Sand Infill, Add	*0.30*	
32 18 23 29-0061	EA	Football Markings For AstroTurf® GameDay Grass™ 3D 60 Fields	32,011.86	
32 18 23 29-0062	EA	Baseball Markings For AstroTurf® GameDay Grass™ 3D 60 Fields	38,627.64	
32 18 23 29-0063	EA	Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ 3D 60 Fields Note: Per sport.	10,670.62	
32 18 23 29-0064	EA	End Zone Lettering For AstroTurf® GameDay Grass™ 3D 60 Fields Note: Per letter. Excludes outline.	4,268.25	
32 18 23 29-0065	EA	Colored End Zone For AstroTurf® GameDay Grass™ 3D 60 Fields Note: Per end zone.	3,201.19	
32 18 23 29-0066	EA	Simple Logo For AstroTurf® GameDay Grass™ 3D 60 Fields Note: Block letter.	28,810.67	
32 18 23 29-0067	EA	Deluxe Logo For AstroTurf® GameDay Grass™ 3D 60 Fields Note: Graphic.	41,775.48	

32 18 23 29-0068 Tufted Monofilament Polyethylene Synthetic Turf (AstroTurf® GameDay Grass™ XPe) *(32 18 23 29-0002)*

32 18 23 29-0069 38 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ XPe 38) *(32 18 23 29-0068)*

32 18 23 29-0070	SF	38 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® GameDay Grass™ XPe 38)	9.69	
		For Ambient Rubber And Sand Infill, Add	*0.10*	
		For Cryo Rubber Infill, Add	*0.26*	
		For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add	*0.31*	
		For Cryo Rubber And Sand Infill, Add	*0.36*	
32 18 23 29-0071	EA	Football Markings For AstroTurf® GameDay Grass™ XPe 38 Fields	27,210.24	
32 18 23 29-0072	EA	Baseball Markings For AstroTurf® GameDay Grass™ XPe 38 Fields	20,060.89	
32 18 23 29-0073	EA	Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ XPe 38 Fields Note: Per sport.	5,868.88	
32 18 23 29-0074	EA	End Zone Lettering For AstroTurf® GameDay Grass™ XPe 38 Fields Note: Per letter. Excludes outline.	2,134.14	
32 18 23 29-0075	EA	Colored End Zone For AstroTurf® GameDay Grass™ XPe 38 Fields Note: Per end zone.	2,240.84	
32 18 23 29-0076	EA	Simple Logo For AstroTurf® GameDay Grass™ XPe 38 Fields Note: Block letter.	19,207.23	
32 18 23 29-0077	EA	Deluxe Logo For AstroTurf® GameDay Grass™ XPe 38 Fields Note: Graphic.	27,850.49	

32 18 23 29-0078 42 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ XPe 42) *(32 18 23 29-0068)*

32 18 23 29-0079	SF	42 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® GameDay Grass™ XPe 42)	8.53	
		For Ambient Rubber And Sand Infill, Add	*0.10*	
		For Cryo Rubber Infill, Add	*0.26*	
		For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add	*0.31*	
		For Cryo Rubber And Sand Infill, Add	*0.36*	
32 18 23 29-0080	EA	Football Markings For AstroTurf® GameDay Grass™ XPe 42 Fields	27,743.61	
32 18 23 29-0081	EA	Baseball Markings For AstroTurf® GameDay Grass™ XPe 42 Fields	21,341.24	
32 18 23 29-0082	EA	Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ XPe 42 Fields Note: Per sport.	6,402.37	
32 18 23 29-0083	EA	End Zone Lettering For AstroTurf® GameDay Grass™ XPe 42 Fields Note: Per letter. Excludes outline.	2,347.54	
32 18 23 29-0084	EA	Colored End Zone For AstroTurf® GameDay Grass™ XPe 42 Fields Note: Per end zone.	2,347.54	
32 18 23 29-0085	EA	Simple Logo For AstroTurf® GameDay Grass™ XPe 42 Fields Note: Block letter.	20,274.18	
32 18 23 29-0086	EA	Deluxe Logo For AstroTurf® GameDay Grass™ XPe 42 Fields Note: Graphic.	29,397.56	

32 18 23 29-0087 Tufted Monofilament Nylon Synthetic Turf With Nylon Root Zone And Attached Pad (AstroTurf® PureGrass®) *(32 18 23 29-0002)*

32 18 23 29-0088	SF	Tufted Monofilament Nylon Synthetic Turf With Nylon Root Zone And Attached Pad (AstroTurf® PureGrass®)	18.95	
32 18 23 29-0089	SF	Tufted Monofilament Nylon Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® PureGrass®)	16.99	
32 18 23 29-0090	EA	Football Markings For AstroTurf® PureGrass® Fields	52,652.55	
32 18 23 29-0091	EA	Baseball Markings For AstroTurf® PureGrass® Fields	62,553.03	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 18 23 29-0092	EA	Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® PureGrass® Fields Note: Per sport.	15,300.74	
32 18 23 29-0093	EA	End Zone Lettering For AstroTurf® PureGrass® Fields Note: Per letter. Excludes outline.	5,850.28	
32 18 23 29-0094	EA	Colored End Zone For AstroTurf® PureGrass® Fields. Note: Per end zone.	4,342.48	
32 18 23 29-0095	EA	Simple Logo For AstroTurf® PureGrass® Fields Note: Block letter.	39,082.31	
32 18 23 29-0096	EA	Deluxe Logo For AstroTurf® PureGrass® Fields Note: Graphic.	57,377.78	

32 18 23 29-0097 Synthetic Turf (G9 Turf) *(32 18 23 29-0001)*

Note: Includes labor, equipment and material required to install the task.

32 18 23 29-0098	SF	2-1/2" Height, 53 Ounce, Tufted 3/8" Gauge Monofilament Synthetic Turf With Thatch Layer And Ethylene Propylene Diene Monomer (EPDM) Infill (G9 Turf Playmaker Turf) Note: For football and multi-sport fields. Excludes preparation of sub-base, grooming, sports lines and logos.	10.53	
		For >35,000, Deduct	*-0.95*	
32 18 23 29-0099	SF	2" Height, 48 Ounce, Tufted 3/8" Gauge Monofilament Synthetic Turf With Thatch Layer And Ethylene Propylene Diene Monomer (EPDM) Infill (G9 Turf Striker Turf) Note: For all sports other than football. Excludes preparation of sub-base, grooming, sports lines and logos.	10.43	
		For >35,000, Deduct	*-0.94*	
32 18 23 29-0100	SF	1-3/4" Height, 72 Ounce, Tufted 3/8" Gauge, Two-Color Monofilament Synthetic Turf With Thatch Layer And Acrylic Coated Sand Infill (G9 Turf Perennial Turf) Note: For landscaped areas or playgrounds. Excludes preparation of sub-base, grooming, sports lines and logos.	10.89	
32 18 23 29-0101	EA	Football Inlays For G9 Synthetic Turf Note: Includes field grid, numbers, arrows, coach's box and kick off lines.	72,806.55	
32 18 23 29-0102	EA	Soccer Inlays For G9 Synthetic Turf	31,549.50	
32 18 23 29-0103	EA	Boys Lacrosse Inlays For G9 Synthetic Turf	31,549.50	
32 18 23 29-0104	EA	Girls Lacrosse Inlays For G9 Synthetic Turf	31,549.50	
32 18 23 29-0105	EA	Field Hockey Inlays For G9 Synthetic Turf	31,549.50	
32 18 23 29-0106	EA	End Zone Lettering For G9 Synthetic Turf Note: Priced per letter. Includes single color outlining.	3,640.33	
32 18 23 29-0107	SF	Ethylene Propylene Diene Monomer (EPDM) Black Infill For G9 Synthetic Turf	3.41	
32 18 23 29-0108	SF	Ethylene Propylene Diene Monomer (EPDM) Color Infill For G9 Synthetic Turf	8.90	
32 18 23 29-0109	SF	Styrene-Butadiene Rubber (SBR) Infill For G9 Synthetic Turf	2.54	
32 18 23 29-0110	SF	Sand Infill For G9 Synthetic Turf	1.28	
32 18 23 29-0111	SF	Acrylic Coated Sand Infill For G9 Synthetic Turf	2.10	
32 18 23 29-0112	EA	Gmax Compaction And Hardness Test For G9 Synthetic Turf Note: Includes a comprehensive report.	2,426.88	
32 18 23 29-0113	EA	Safety Bridge Over Track For G9 Synthetic Turf	24,268.85	
32 18 23 29-0114	SF	Clean And Groom Synthetic Turf Note: Includes using equipment to pick up metal particles in the field, air vacuum the top 2-5 mm of infill, clean and screen to remove broken strands, dirt, bandage, etc.	0.80	
		For >10,000 To 30,000, Deduct	*-0.32*	
		For >30,000 To 60,000, Deduct	*-0.56*	
		For >60,000, Deduct	*-0.61*	
32 18 23 29-0115	SF	Rejuvenate Synthetic Turf And Reinstall Existing Infill Note: Includes using equipment to extract 10 to 20 mm of infill by delivering high-pressure air into the carpet, decompacting the surface and driving out the infill leaving the fiber standing straight up. Includes reinstalling the old infill that was removed.	5.44	
32 18 23 29-0116	SF	Rejuvenate Synthetic Turf For Installation Of New Infill Note: Includes using equipment to extract 10 to 20 mm of infill by delivering high-pressure air into the carpet, decompacting the surface and driving out the infill leaving the fiber standing straight up. Includes disposing of the old infill. Excludes new infill.	6.05	
32 18 23 29-0117	SF	Drainage Layer For G9 Synthetic Turf Note: Used for drainage over asphalt or on rooftops.	4.96	
32 18 23 29-0118	SF	15 mm, Shock Pad For G9 Synthetic Turf Note: Used for additional Gmax for a stone base field.	3.05	
32 18 23 29-0119	EA	Single Visit Repair Call To Repair Up To 300 LF Of Inlay Lines Or Seams On G9 Synthetic Turf Note: Includes field inspection and report.	4,836.60	
32 18 23 29-0120	LF	Repair Inlay Lines Or Seams On G9 Synthetic Turf Note: Linear foot price for repairs over the initial repair call maximum of 300 LF.	13.30	
32 18 23 29-0121	LF	Nailer Used To Attach G9 Synthetic Turf	5.32	
32 18 23 29-0122	SF	Removal And Recycling Of Existing Field Note: Includes removal, shipping and recycling of infill, fibers and backing.	3.75	

32 18 23 33 Running Track Surfacing *(32 18 23)*

32 18 23 33-0001 Running Track Surfacing *(32 18 23 33)*

32 18 23 33-0002	SY	2-1/2" Asphaltic Concrete Running Track Surfacing	38.76	

32 18 23 33-0003 Running Track Seal And Colored Surfaces *(32 18 23 33)*

32 18 23 33-0004	SY	1 Seal Coat, Striping Of Track Note: Includes certification.	17.10	

32 18 23 39 Synthetic Running Track Surfacing *(32 18 23)*

32 18 23 39-0001 Synthetic Running Track Surfacing And Striping *(32 18 23 39)*

Note: Includes labor, equipment and material required to install the task. Excludes asphalt base.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 18 23 39-0002	SY	Paved-In-Place Styrene-Butadiene Rubber (SBR) Or Ethylene Propylene Diene Monomer (EPDM) Rubber Granule Base Mat With Polyurethane Binder, Synthetic Running Track Surfacing	86.79	7.71
		For >5,500, Deduct	*-6.70*	
		For Up To 4,000, Add	*21.30*	
32 18 23 39-0003	SY	Paved-In-Place Styrene-Butadiene Rubber (SBR) Granule Base Mat With Polyurethane Binder Finished With A Textured And Pigmented Polyurethane And Ethylene Propylene Diene Monomer (EPDM) Rubber Structural Spray Coat, Synthetic Running Track Surfacing	108.73	7.71
		For >5,500, Deduct	*-8.99*	
		For Up To 4,000, Add	*28.59*	
		For Custom Color Upgrade, Add	*7.76*	
		For Aliphatic Top Coating, Add	*14.70*	
32 18 23 39-0004	SY	Paved-In-Place Ethylene Propylene Diene Monomer (EPDM) Rubber Granule Base Mat With Polyurethane Binder, Two-Component Polyurethane Sealer Layer And Two-Component Polyurethane Wearing Layer With Embedded Ethylene Propylene Diene Monomer (EPDM) Rubber, Synthetic Running Track Surfacing	177.85	7.71
		For >5,500, Deduct	*-8.24*	
		For Up To 4,000, Add	*48.05*	
		For Custom Color Upgrade, Add	*10.57*	
		For Aliphatic Top Coating, Add	*19.63*	
32 18 23 39-0005	SY	Full Pour Two-Component Polyurethane Track System With Embedded Ethylene Propylene Diene Monomer (EPDM) Rubber Surface, Synthetic Running Track Surfacing	231.17	7.71
		For >5,500, Deduct	*-10.64*	
		For Up To 4,000, Add	*62.07*	
		For Custom Color Upgrade, Add	*13.83*	
		For Aliphatic Top Coating, Add	*20.22*	
32 18 23 39-0006	SY	Latex Binder, Synthetic Running Track Surfacing	78.01	
		For >5,500, Deduct	*-11.31*	
		For Up To 4,000, Add	*27.30*	
32 18 23 39-0007	SY	Spray Retop Running Tracks	68.52	
		For Up To 4,000, Add	*23.98*	
		For >5,500, Deduct	*-6.70*	
32 18 23 39-0008	SY	Sandwich Retop Running Tracks	132.64	
		For Up To 4,000, Add	*46.42*	
		For >5,500, Deduct	*-13.98*	

32 18 23 53 Tennis Court Surfacing *(32 18 23)*

32 18 23 53-0001 Tennis Court Surfacing *(32 18 23 53)*

See CSI section 32 18 23 61-0000 for 100% acrylic tennis court surfacing.

32 18 23 53-0002	SY	Tennis Court Bituminous Pavement, 2-1/2" Thick	41.32	

32 18 23 53-0003 Tennis Court Markings *(32 18 23 53)*

32 18 23 53-0004	EA	Paint Markings On Asphalt Tennis Court 2 Coats	520.24	

32 18 23 56 Natural Tennis Court Surfacing *(32 18 23)*

32 18 23 56-0001	SY	Clay Tennis Court	57.85	
32 18 23 56-0002	SY	Tennis Court, Pulverized Natural Greenstone, Fast Dry Note: Includes 4" base.	64.34	
32 18 23 56-0003	SY	Tennis Court, Rubber-Cork Base Resilient Pavement	21.75	
32 18 23 56-0004	SY	Resurface Clay Tennis Court	16.86	
32 18 23 56-0005	SY	Resurface Tennis Court, Pulverized Natural Greenstone	14.31	
32 18 23 56-0006	SY	Resurface Tennis Court, Resilient Pavement	9.21	

32 18 23 61 Multi-Use, Tennis Court, Basketball Court Athletic Surfacing *(32 18 23)*

32 18 23 61-0001 100% Acrylic Athletic Surfacing System (Plexipave®) *(32 18 23 61)*

Note: Excludes asphalt or concrete sub base and repairs of sub base.

32 18 23 61-0002 Surface Preparation For Athletic Surfacing System (Plexipave®) *(32 18 23 61-0001)*

32 18 23 61-0003	SY	100% Acrylic Resurfacer, Athletic Surfacing System (California Products Plexipave® Acrylic Resurfacer), Per Coat Note: Includes ultra fine silica sand. Applied with rubber squeegee.	1.72	
32 18 23 61-0004	SY	Acid Etching Concrete Pre-Treatment For Plexipave® Athletic Surfacing System (California Products Plexipave® Concrete Preparer®), Per Coat Note: For previously uncoated portland cement concrete. Applied with broom.	0.86	
32 18 23 61-0005	SY	Two-Part, Water Based Epoxy Primer For Plexipave® Athletic Surfacing System (California Products Plexipave® Ti-Coat®), Per Coat Note: For new or uncoated portland cement concrete. Applied with a short nap phenolic roller.	2.20	
32 18 23 61-0006	SY	Up To 1/2" Thick, Acrylic Latex Patching Compound, Athletic Surfacing System (California Products Plexipave® Court Patch Binder), Per Coat Note: For patching depressions and uneven texture in new or existing asphalt or concrete surfaces. Includes ultra fine silica sand and portland cement. Applied with trowel or metal screed.	95.89	

32 18 23 61-0007 Surface Coatings For Athletic Surfacing System (Plexipave®) *(32 18 23 61-0001)*

Note: Standard color includes dark green, Florida green, light green, maroon, Sahara sand, brown, California red, and cape gray.

32 18 23 61-0008	SY	100% Acrylic Emulsion Color Coating, Athletic Surfacing System (California Products Fortified Plexipave®), First Coat Note: Includes ultra fine silica sand. Applied with rubber squeegee.	3.40	
		For Pacific Blue, Add	*1.18*	
		For US Open Blue, Add	*1.83*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 18 23 61-0009	SY	100% Acrylic Emulsion Color Coating, Athletic Surfacing System (California Products Fortified Plexipave®), Second Coat	2.80	
		Note: Includes ultra fine silica sand. Applied with rubber squeegee.		
		For Pacific Blue, Add	*0.85*	
		For US Open Blue, Add	*1.31*	
32 18 23 61-0010	SY	100% Acrylic Emulsion Color Coating, Athletic Surfacing System (California Products Fortified Plexipave®), Third Coat	2.46	
		Note: Price per coat for third or additional coats. Includes ultra fine silica sand. Applied with rubber squeegee.		
		For Pacific Blue, Add	*0.66*	
		For US Open Blue, Add	*1.02*	
32 18 23 61-0011	SY	Non-Textured, 100% Acrylic Emulsion Color Coating Finish, Athletic Surfacing System (California Products Plexipave® Plexichrome®), Per Coat	2.45	
		Note: Non-textured finish coat over Plexipave® for faster playing surfaces. Applied with rubber squeegee followed by wide hair-type push broom.		
		For Pacific Blue, Add	*0.79*	
		For US Open Or Australian Open Blue, Add	*1.29*	
		For Pro Purple, Add	*2.22*	

32 18 23 61-0012 Line Striping For Athletic Surfacing System (Plexipave®) *(32 18 23 61-0001)*

32 18 23 61-0013	SY	Tennis Or Basketball Court Line Striping For Athletic Surfacing System, Per SY Of Court (California Products Plexipave® Hi-Hide Plexicolor®)	1.72	
		Note: Textured or non-textured highly reflective line marking paint.		

32 18 23 61-0014 Cushion Coatings For Athletic Surfacing System (Plexipave® Plexicushion®) *(32 18 23 61-0001)*

32 18 23 61-0015	SY	Resilient Latex Undercoating Base Coat, Athletic Surfacing System (California Products Plexipave® Plexicushion® Base Coat), First Coat	5.10	
		Note: Applied with rubber squeegee.		
32 18 23 61-0016	SY	Resilient Latex Undercoating Base Coat, Athletic Surfacing System (California Products Plexipave® Plexicushion® Base Coat), Second Coat	6.88	
		Note: Applied with rubber squeegee.		
32 18 23 61-0017	SY	Resilient Latex Undercoating Base Coat, Athletic Surfacing System (California Products Plexipave® Plexicushion® Base Coat), Third Coat	5.95	
		Note: Price per coat for third or additional coats. Applied with rubber squeegee.		
32 18 23 61-0018	SY	Resilient Latex Undercoating, Athletic Surfacing System (California Products Plexipave® Plexicushion®), First Coat	4.51	
		Note: Applied with rubber squeegee.		
32 18 23 61-0019	SY	Resilient Latex Undercoating, Athletic Surfacing System (California Products Plexipave® Plexicushion®), Second Coat	3.50	
		Note: Price per coat for second or additional coats. Applied with rubber squeegee.		

32 18 23 61-0020 Resurface Athletic Court *(32 18 23 61)*

Note: Excludes asphalt or concrete sub base and repairs of sub base.

32 18 23 61-0021	SY	Court Resurfacing System, 2 Coats Resurfacer, 2 Coats Color, And Sand (SealMaster)	2.94	

32 30 Site Improvements *(32)*

32 31 Fences and Gates *(32 30)*

32 31 11 Gate Operators *(32 31)*

32 31 11 00-0001 Gate Operators *(32 31 11)*

Note: Excludes gates, electrical connections, access controls and concrete foundation.

32 31 11 00-0002 Gate Operators (DKS™ DoorKing®) *(32 31 11 00-0001)*

32 31 11 00-0003 Swing Gate Actuator (DKS™ DoorKing®) *(32 31 11 00-0002)*

32 31 11 00-0004 Single Gate, Swing Gate Actuator *(32 31 11 00-0003)*

32 31 11 00-0005	EA	Up To 10' Wide Gate, 1/2 HP Motor, 115 Volt AC, Single Gate, Swing Gate Actuator (DKS™ DoorKing® 6003)	2,137.80	257.52
		Note: Includes one primary operator with a 10' wide gate capacity.		
32 31 11 00-0006	EA	Up To 14' Wide Gate, 1/2 HP Motor, 115 Volt AC, Single Gate, Swing Gate Actuator (DKS™ DoorKing® 6002)	2,841.00	257.52
		Note: Includes one primary operator with a 14' wide gate capacity.		

32 31 11 00-0007 Dual Gate, Swing Gate Actuator *(32 31 11 00-0003)*

32 31 11 00-0008	EA	Up To 10' Wide Gates, 1/2 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Actuator (DKS™ DoorKing® 6003)	4,275.61	515.03
		Note: Includes one primary and one secondary operator each with a 10' wide gate capacity.		
32 31 11 00-0009	EA	Up To 14' Wide Gates, 1/2 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Actuator (DKS™ DoorKing® 6002)	5,682.00	515.03
		Note: Includes one primary and one secondary operator each with a 14' wide gate capacity.		

32 31 11 00-0010 Swing Gate Operators (DKS™ DoorKing®) *(32 31 11 00-0002)*

32 31 11 00-0011 Single Gate, Swing Gate Operators *(32 31 11 00-0010)*

32 31 11 00-0012	EA	400 Lb. Capacity, Up To 10' Wide Gate, 1/2 HP Motor, 115 Volt AC, Single Gate, Swing Gate Operator (DKS™ DoorKing® 6050)	4,337.55	257.52
		Note: Includes one primary operator with a 10' wide and 400 Lb. gate capacity.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 11 00-0013	EA	500 Lb. Capacity, Up To 14' Wide Gate, 1/2 HP Motor, 115 Volt AC, Single Gate, Swing Gate Operator (DKS™ DoorKing® 6100)	4,716.19	257.52
		Note: Includes one primary operator with a 14' wide and 500 Lb. gate capacity.		
32 31 11 00-0014	EA	700 Lb. Capacity, Up To 18' Wide Gate, 1/2 HP Motor, 115 Volt AC, Single Gate, Swing Gate Operator (DKS™ DoorKing® 6500)	6,393.05	257.52
		Note: Includes one primary operator with an 18' wide and 700 Lb. gate capacity.		
		For 208/230/460 Volt AC, Add	*322.50*	
32 31 11 00-0015	EA	800 Lb. Capacity, Up To 22' Wide Gate, 1 HP Motor, 115 Volt AC, Single Gate, Swing Gate Operator (DKS™ DoorKing® 6500)	7,240.50	257.52
		Note: Includes one primary operator with a 22' wide and 800 Lb. gate capacity.		
		For 208/230/460 Volt AC, Add	*322.50*	

32 31 11 00-0016 Dual Gate, Swing Gate Operators *(32 31 11 00-0010)*

32 31 11 00-0017	EA	400 Lb. Capacity, Up To 10' Wide Gates, 1/2 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Operator (DKS™ DoorKing® 6050)	7,683.42	515.03
		Note: Includes one primary and one secondary operator each with a 10' wide and 400 Lb. gate capacity.		
32 31 11 00-0018	EA	500 Lb. Capacity, Up To 14' Wide Gates, 1/2 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Operator (DKS™ DoorKing® 6100)	8,440.71	515.03
		Note: Includes one primary and one secondary operator each with a 14' wide and 500 Lb. gate capacity.		
32 31 11 00-0019	EA	700 Lb. Capacity, Up To 14' Wide Gates, 1/2 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Operator (DKS™ DoorKing® 6500)	11,776.40	515.03
		Note: Includes one primary and one secondary operator each with an 18' wide and 700 Lb. gate capacity.		
		For 208/230/460 Volt AC, Add	*322.50*	
32 31 11 00-0020	EA	800 Lb. Capacity, Up To 22' Wide Gates, 1 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Operator (DKS™ DoorKing® 6500)	13,633.56	515.03
		Note: Includes one primary and one secondary operator each with a 22' wide and 800 Lb. gate capacity.		
		For 208/230/460 Volt AC, Add	*322.50*	

32 31 11 00-0021 Sliding Gate Operators (DKS™ DoorKing®) *(32 31 11 00-0002)*

Note: Includes 20' of chain. See CSI section 32 31 11 00-0030 for additional chain over 20'.

32 31 11 00-0022	EA	300 Lb. Capacity, Up To 16' Wide Gate, 1/2 HP Motor, 115 Volt AC, Sliding Gate Operator (DKS™ DoorKing® 9050)	2,008.20	257.52
		Note: Includes operator, chain brackets, hardware and 20' of #41 chain.		
32 31 11 00-0023	EA	1,000 Lb. Capacity, Up To 30' Wide Gate, 1/2 HP Motor, 115 Volt AC, Sliding Gate Operator (DKS™ DoorKing® 9100)	2,789.92	309.02
		Note: Includes operator, chain brackets, hardware and 20' of #41 chain.		
32 31 11 00-0024	EA	1,500 Lb. Capacity, Up To 45' Wide Gate, 1 HP Motor, 115 Volt AC, Sliding Gate Operator (DKS™ DoorKing® 9150)	3,423.38	309.02
		Note: Includes operator, chain brackets, hardware and 20' of #40 chain.		
32 31 11 00-0025	EA	3,000 Lb. Capacity, Up To 100' Wide Gate, 1 HP Motor, 115 Volt AC, Sliding Gate Operator (DKS™ DoorKing® 9210)	4,453.96	360.52
		Note: Includes operator, chain brackets, hardware and 20' of #50 chain.		
32 31 11 00-0026	EA	2,000 Lb. Capacity, Up To 100' Wide Gate, 1 HP Motor, 208/230 Volt AC, Variable Speed, Sliding Gate Operator (DKS™ DoorKing® 9220)	5,431.30	360.52
		Note: Includes operator, chain brackets, hardware and 20' of #50 chain.		
32 31 11 00-0027	EA	5,000 Lb. Capacity, Up To 100' Wide Gate, 3 HP Motor, 208/230 Volt AC, Variable Speed, Sliding Gate Operator (DKS™ DoorKing® 9230)	7,380.42	412.03
		Note: Includes operator, chain brackets, hardware and 20' of #60 chain.		
32 31 11 00-0028	EA	5,000 Lb. Capacity, Up To 100' Wide Gate, 3 HP Motor, 208/230 Volt AC, High Speed, Sliding Gate Operator (DKS™ DoorKing® 9530)	12,226.43	412.03
		Note: Includes operator, chain brackets, hardware and 20' of #60 chain.		
32 31 11 00-0029	EA	10,000 Lb. Capacity, Up To 160' Wide Gate, 5 HP Motor, 208/230 Volt AC, High Speed, Sliding Gate Operator (DKS™ DoorKing® 9550)	20,636.87	463.53
		Note: Includes operator, chain brackets, hardware and 20' of #60 chain.		

32 31 11 00-0030 Accessories For Gate Actuators And Operators (DKS™ DoorKing®) *(32 31 11 00-0002)*

32 31 11 00-0031	EA	Single Channel Detector Loop For Gate Actuators And Operators (DKS™ DoorKing® 9410)	720.23
32 31 11 00-0032	EA	Two Channel Detector Loop For Gate Actuators And Operators (DKS™ DoorKing® 9409)	1,402.60
32 31 11 00-0033	EA	Heater Kit For Gate Actuators And Operators (DKS™ DoorKing® 1601)	927.24
32 31 11 00-0034	EA	Photoelectric Eye For Gate Actuators And Operators (DKS™ DoorKing® 8080-031)	1,012.22
32 31 11 00-0035	EA	Reversing Edge Sensor For Gate Actuators And Operators (DKS™ DoorKing® 8080-020)	904.03
32 31 11 00-0036	EA	Post Mount Base Plate For Gate Actuators And Operators (DKS™ DoorKing® 9310)	642.59
32 31 11 00-0037	LF	#40 Chain For Sliding Gate Operators	6.22
32 31 11 00-0038	LF	#41 Chain For Sliding Gate Operators	6.49
32 31 11 00-0039	LF	#50 Chain For Sliding Gate Operators	8.24
32 31 11 00-0040	LF	#60 Chain For Sliding Gate Operators	12.59
32 31 11 00-0041	EA	Exterior Keypad Gate Operator (Linear AK-11)	757.54

32 31 11 00-0042 Sliding Gate Operator (LiftMaster) *(32 31 11 00-0001)*

32 31 11 00-0043	EA	Up To 1,500 Lb. Capacity, 120/230 Volt, Single Phase, Sliding Gate Operator With 24 Volt DC Motor (Liftmaster® CSL24U)	2,938.95	315.07
		Note: Includes 30' Chain, Retro-Reflective Photoelectric Sensor and Reflector Hoods (LMRRUL) and 5' Resistive Safety Edge (S505AL).		
		For Monitored Wireless Edge Receiver And Transmitter Option (Liftmaster LMWEKITU), Add	*191.03*	
		For Plug-In Loop Detector Option (Liftmaster LOOPDETLM), Add	*136.74*	
		For LED Strobe Light With Siren (Liftmaster SL-1301-SAQ), Add	*67.34*	
		For 10 Watt Solar Panel (Liftmaster SP10W12V), Add	*270.67*	
		For Each Additional 10' Chain, Add	*40.54*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

32 31 13 Chain Link Fences and Gates *(32 31)*

32 31 13 13 Chain Link Fences and Gates *(32 31 13)*

32 31 13 13-0001 **Post Holes** *(32 31 13 13)*

Note: Excludes spreading of excess material on site or loading and removal of excavated material from site. See CSI section 02 41 19 13-0081 for core drilling in concrete, 02 41 19 13-0219 for core drilling in asphalt.

32 31 13 13-0002 **Auger By Machine Fence Post Hole In Soil** *(32 31 13 13-0001)*

32 31 13 13-0003	VLF	Up To 2-1/2" Diameter Hole, Auger By Machine Fence Post Hole In Soil	10.96
32 31 13 13-0004	VLF	2-1/2" Diameter Hole, Auger By Machine Fence Post Hole In Soil	12.33
32 31 13 13-0005	VLF	3" Diameter Hole, Auger By Machine Fence Post Hole In Soil	14.61
32 31 13 13-0006	VLF	4" Diameter Hole, Auger By Machine Fence Post Hole In Soil	16.44
32 31 13 13-0007	VLF	6" Diameter Hole, Auger By Machine Fence Post Hole In Soil	17.93
32 31 13 13-0008	VLF	8" Diameter Hole, Auger By Machine Fence Post Hole In Soil	19.72
32 31 13 13-0009	VLF	10" Diameter Hole, Auger By Machine Fence Post Hole In Soil	21.92
32 31 13 13-0010	VLF	12" Diameter Hole, Auger By Machine Fence Post Hole In Soil	24.66
32 31 13 13-0011	VLF	18" Diameter Hole, Auger By Machine Fence Post Hole In Soil	28.18
32 31 13 13-0012	VLF	24" Diameter Hole, Auger By Machine Fence Post Hole In Soil	32.88
32 31 13 13-0013	VLF	30" Diameter Hole, Auger By Machine Fence Post Hole In Soil	39.46
32 31 13 13-0014	VLF	36" Diameter Hole, Auger By Machine Fence Post Hole In Soil	49.31

32 31 13 13-0015 **Post Hole In Rock** *(32 31 13 13-0001)*

32 31 13 13-0016	CF	Jackhammer Post Hole In Rock	84.05
32 31 13 13-0017	CF	Rock Drill Post Hole In Rock	22.34

32 31 13 13-0018 **Fill For Post Holes** *(32 31 13 13-0001)*

32 31 13 13-0019 **Concrete Fill For Post Holes** *(32 31 13 13-0018)*

32 31 13 13-0020	VLF	Up To 2-1/2" Diameter, Concrete Fill For Post Hole	6.76
32 31 13 13-0021	VLF	2-1/2" Diameter, Concrete Fill For Post Hole	8.69
32 31 13 13-0022	VLF	3" Diameter, Concrete Fill For Post Hole	9.55
32 31 13 13-0023	VLF	4" Diameter, Concrete Fill For Post Hole	10.97
32 31 13 13-0024	VLF	6" Diameter, Concrete Fill For Post Hole	15.45
32 31 13 13-0025	VLF	8" Diameter, Concrete Fill For Post Hole	20.63
32 31 13 13-0026	VLF	10" Diameter, Concrete Fill For Post Hole	25.23
32 31 13 13-0027	VLF	12" Diameter, Concrete Fill For Post Hole	29.41
32 31 13 13-0028	VLF	18" Diameter, Concrete Fill For Post Hole	40.00
32 31 13 13-0029	VLF	24" Diameter, Concrete Fill For Post Hole	49.59
32 31 13 13-0030	VLF	30" Diameter, Concrete Fill For Post Hole	58.92
32 31 13 13-0031	VLF	36" Diameter, Concrete Fill For Post Hole	68.61

32 31 13 13-0032 **Grout Fill For Post Holes** *(32 31 13 13-0018)*

32 31 13 13-0033	VLF	Up To 2-1/2" Diameter, Grout Fill For Post Hole	8.03
32 31 13 13-0034	VLF	2-1/2" Diameter, Grout Fill For Post Hole	10.34
32 31 13 13-0035	VLF	3" Diameter, Grout Fill For Post Hole	11.25
32 31 13 13-0036	VLF	4" Diameter, Grout Fill For Post Hole	12.63
32 31 13 13-0037	VLF	6" Diameter, Grout Fill For Post Hole	17.63
32 31 13 13-0038	VLF	8" Diameter, Grout Fill For Post Hole	23.53
32 31 13 13-0039	VLF	10" Diameter, Grout Fill For Post Hole	28.68
32 31 13 13-0040	VLF	12" Diameter, Grout Fill For Post Hole	33.27
32 31 13 13-0041	VLF	18" Diameter, Grout Fill For Post Hole	44.43
32 31 13 13-0042	VLF	24" Diameter, Grout Fill For Post Hole	54.23
32 31 13 13-0043	VLF	30" Diameter, Grout Fill For Post Hole	63.71
32 31 13 13-0044	VLF	36" Diameter, Grout Fill For Post Hole	73.42

32 31 13 13-0045 **Compacted Earth Fill For Post Holes** *(32 31 13 13-0018)*

32 31 13 13-0046	VLF	Up To 2-1/2" Diameter, Compacted Earth Fill For Post Hole	5.73
32 31 13 13-0047	VLF	2-1/2" Diameter, Compacted Earth Fill For Post Hole	7.46
32 31 13 13-0048	VLF	3" Diameter, Compacted Earth Fill For Post Hole	7.80
32 31 13 13-0049	VLF	4" Diameter, Compacted Earth Fill For Post Hole	8.03
32 31 13 13-0050	VLF	6" Diameter, Compacted Earth Fill For Post Hole	10.73
32 31 13 13-0051	VLF	8" Diameter, Compacted Earth Fill For Post Hole	14.30
32 31 13 13-0052	VLF	10" Diameter, Compacted Earth Fill For Post Hole	17.17
32 31 13 13-0053	VLF	12" Diameter, Compacted Earth Fill For Post Hole	19.46
32 31 13 13-0054	VLF	18" Diameter, Compacted Earth Fill For Post Hole	23.71
32 31 13 13-0055	VLF	24" Diameter, Compacted Earth Fill For Post Hole	26.61
32 31 13 13-0056	VLF	30" Diameter, Compacted Earth Fill For Post Hole	29.18
32 31 13 13-0057	VLF	36" Diameter, Compacted Earth Fill For Post Hole	31.48

32 31 13 13-0058 **Fence Posts** *(32 31 13 13)*

Note: Demolition excludes concrete footing removal on posts and excavation. See CSI section 31 23 16 36-0009 for hand excavation for footing removal (where required), 32 31 13 13-0001 for drilling for augering holes and backfill.

32 31 13 13-0059 **Fence Posts** *(32 31 13 13-0058)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0060		1-7/8" H-Beam Post Without Top Rail Fitting, Galvanized Steel *(32 31 13 13-0059)*		
		Note: Includes cap and accessories.		
32 31 13 13-0061	LF	1-7/8" Galvanized H-beam Post, Up To 6' In Length	22.27	3.26
		For Each Top Rail Fitting, Add	*0.85*	
32 31 13 13-0062	LF	1-7/8" Galvanized H-beam Post, 7' To 10' In Length	21.35	2.78
		For Each Top Rail Fitting, Add	*0.85*	
32 31 13 13-0063	LF	1-7/8" Galvanized H-beam Post, 11' To 15' In Length	20.22	2.30
		For Each Top Rail Fitting, Add	*0.85*	
32 31 13 13-0064	LF	1-7/8" Galvanized H-beam Post, 16' To 20' In Length	19.30	1.81
		For Each Top Rail Fitting, Add	*0.85*	
32 31 13 13-0065	LF	1-7/8" Galvanized H-beam Post, 21' To 24' In Length	18.70	1.57
		For Each Top Rail Fitting, Add	*0.85*	
32 31 13 13-0066	LF	1-7/8" Galvanized H-beam Post, >24' In Length	17.76	1.09
		For Each Top Rail Fitting, Add	*0.85*	
32 31 13 13-0067		Post Without Top Rail Fitting, Galvanized Steel (1.66" Nominal) *(32 31 13 13-0059)*		
		Note: 1-5/8" outside diameter, Schedule 40. Includes cap and accessories.		
32 31 13 13-0068	LF	Up To 6' In Length, 1-5/8" Outside Diameter Galvanized Steel Post	15.10	3.02
		For Each Top Rail Fitting, Add	*0.85*	
		For Each Single Barbed Wire Arm, Add	*1.90*	
		For Each Double Barbed Wire Arm, Add	*3.40*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.27*	
		For Vinyl Coated, Add	*5.44*	
		For Powder Coated, Add	*7.25*	
		For Aluminum Coated, Add	*11.33*	
		For Schedule 20, Deduct	*-1.81*	
		For Schedule 80, Add	*4.95*	
32 31 13 13-0069	LF	7' To 10' In Length, 1-5/8" Outside Diameter Galvanized Steel Post	14.06	2.54
		For Each Top Rail Fitting, Add	*0.85*	
		For Each Single Barbed Wire Arm, Add	*1.90*	
		For Each Double Barbed Wire Arm, Add	*3.40*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.24*	
		For Vinyl Coated, Add	*5.37*	
		For Powder Coated, Add	*7.16*	
		For Aluminum Coated, Add	*11.19*	
		For Schedule 20, Deduct	*-1.79*	
		For Schedule 80, Add	*4.81*	
32 31 13 13-0070	LF	11' To 15' In Length, 1-5/8" Outside Diameter Galvanized Steel Post	12.96	2.05
		For Each Top Rail Fitting, Add	*0.85*	
		For Each Single Barbed Wire Arm, Add	*1.90*	
		For Each Double Barbed Wire Arm, Add	*3.40*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.22*	
		For Vinyl Coated, Add	*5.33*	
		For Powder Coated, Add	*7.11*	
		For Aluminum Coated, Add	*11.11*	
		For Schedule 20, Deduct	*-1.78*	
		For Schedule 80, Add	*4.67*	
32 31 13 13-0071	LF	16' To 20' In Length, 1-5/8" Outside Diameter Galvanized Steel Post	12.12	1.57
		For Each Top Rail Fitting, Add	*0.85*	
		For Each Single Barbed Wire Arm, Add	*1.90*	
		For Each Double Barbed Wire Arm, Add	*3.40*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.22*	
		For Vinyl Coated, Add	*5.32*	
		For Powder Coated, Add	*7.09*	
		For Aluminum Coated, Add	*11.08*	
		For Schedule 20, Deduct	*-1.77*	
		For Schedule 80, Add	*4.58*	
32 31 13 13-0072	LF	21' To 24' In Length, 1-5/8" Outside Diameter Galvanized Steel Post	11.57	1.33
		For Each Top Rail Fitting, Add	*0.85*	
		For Each Single Barbed Wire Arm, Add	*1.90*	
		For Each Double Barbed Wire Arm, Add	*3.40*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.21*	
		For Vinyl Coated, Add	*5.31*	
		For Powder Coated, Add	*7.08*	
		For Aluminum Coated, Add	*11.06*	
		For Schedule 20, Deduct	*-1.77*	
		For Schedule 80, Add	*4.52*	
32 31 13 13-0073	LF	>24' In Length, 1-5/8" Outside Diameter Galvanized Steel Post	10.97	1.09
		For Each Top Rail Fitting, Add	*0.85*	
		For Each Single Barbed Wire Arm, Add	*1.90*	
		For Each Double Barbed Wire Arm, Add	*3.40*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.21*	
		For Vinyl Coated, Add	*5.30*	
		For Powder Coated, Add	*7.07*	
		For Aluminum Coated, Add	*11.05*	
		For Schedule 20, Deduct	*-1.77*	
		For Schedule 80, Add	*4.46*	
32 31 13 13-0074		Post Without Top Rail Fitting, Galvanized Steel (1.90" Nominal) *(32 31 13 13-0059)*		
		Note: 2" outside diameter, Schedule 40. Includes cap and accessories.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0075	LF	2" Outside Diameter Galvanized Steel Post, Up To 6' In Length	17.34	3.14
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.77*	
		For Vinyl Coated, Add	*6.65*	
		For Powder Coated, Add	*8.87*	
		For Aluminum Coated, Add	*13.86*	
		For Schedule 20, Deduct	*-2.22*	
		For Schedule 80, Add	*5.95*	
32 31 13 13-0076	LF	2" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	16.35	2.66
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.74*	
		For Vinyl Coated, Add	*6.56*	
		For Powder Coated, Add	*8.75*	
		For Aluminum Coated, Add	*13.68*	
		For Schedule 20, Deduct	*-2.19*	
		For Schedule 80, Add	*5.79*	
32 31 13 13-0077	LF	2" Outside Diameter Galvanized Steel Post, 11' To 15' In Length	15.19	2.17
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.72*	
		For Vinyl Coated, Add	*6.52*	
		For Powder Coated, Add	*8.70*	
		For Aluminum Coated, Add	*13.59*	
		For Schedule 20, Deduct	*-2.17*	
		For Schedule 80, Add	*5.65*	
32 31 13 13-0078	LF	2" Outside Diameter Galvanized Steel Post, 16' To 20' In Length	14.28	1.69
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.71*	
		For Vinyl Coated, Add	*6.50*	
		For Powder Coated, Add	*8.66*	
		For Aluminum Coated, Add	*13.54*	
		For Schedule 20, Deduct	*-2.17*	
		For Schedule 80, Add	*5.54*	
32 31 13 13-0079	LF	2" Outside Diameter Galvanized Steel Post, 21' To 24' In Length	13.69	1.45
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.70*	
		For Vinyl Coated, Add	*6.49*	
		For Powder Coated, Add	*8.65*	
		For Aluminum Coated, Add	*13.51*	
		For Schedule 20, Deduct	*-2.16*	
		For Schedule 80, Add	*5.48*	
32 31 13 13-0080	LF	2" Outside Diameter Galvanized Steel Post, >24' In Length	13.15	1.21
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.70*	
		For Vinyl Coated, Add	*6.49*	
		For Powder Coated, Add	*8.65*	
		For Aluminum Coated, Add	*13.51*	
		For Schedule 20, Deduct	*-2.16*	
		For Schedule 80, Add	*5.42*	

32 31 13 13-0081 Post Without Top Rail Fitting, Galvanized Steel (2.375" Nominal) *(32 31 13 13-0059)*

Note: 2-1/2" outside diameter, Schedule 40. Includes cap and accessories.

32 31 13 13-0082	LF	2-1/2" Outside Diameter Galvanized Steel Post, Up To 6' In Length	21.25	3.38
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*3.67*	
		For Vinyl Coated, Add	*8.80*	
		For Powder Coated, Add	*11.73*	
		For Aluminum Coated, Add	*18.33*	
		For Schedule 20, Deduct	*-2.93*	
		For Schedule 80, Add	*7.70*	
32 31 13 13-0083	LF	2-1/2" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	20.16	2.90
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*3.62*	
		For Vinyl Coated, Add	*8.69*	
		For Powder Coated, Add	*11.59*	
		For Aluminum Coated, Add	*18.11*	
		For Schedule 20, Deduct	*-2.90*	
		For Schedule 80, Add	*7.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0084	LF	2-1/2" Outside Diameter Galvanized Steel Post, 11' To 15' In Length	18.95	2.30
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*3.60*	
		For Vinyl Coated, Add	*8.65*	
		For Powder Coated, Add	*11.53*	
		For Aluminum Coated, Add	*18.01*	
		For Schedule 20, Deduct	*-2.88*	
		For Schedule 80, Add	*7.37*	
32 31 13 13-0085	LF	2-1/2" Outside Diameter Galvanized Steel Post, 16' To 20' In Length	17.99	1.81
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*3.59*	
		For Vinyl Coated, Add	*8.62*	
		For Powder Coated, Add	*11.50*	
		For Aluminum Coated, Add	*17.96*	
		For Schedule 20, Deduct	*-2.87*	
		For Schedule 80, Add	*7.26*	
32 31 13 13-0086	LF	2-1/2" Outside Diameter Galvanized Steel Post, 21 To 24' In Length	17.37	1.57
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*3.59*	
		For Vinyl Coated, Add	*8.61*	
		For Powder Coated, Add	*11.48*	
		For Aluminum Coated, Add	*17.94*	
		For Schedule 20, Deduct	*-2.87*	
		For Schedule 80, Add	*7.19*	
32 31 13 13-0087	LF	2-1/2" Outside Diameter Galvanized Steel Post, >24' In Length	16.79	1.21
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*3.59*	
		For Vinyl Coated, Add	*8.60*	
		For Powder Coated, Add	*11.47*	
		For Aluminum Coated, Add	*17.93*	
		For Schedule 20, Deduct	*-2.87*	
		For Schedule 80, Add	*7.13*	

32 31 13 13-0088 Post Without Top Rail Fitting, Galvanized Steel (2.875" Nominal) *(32 31 13 13-0059)*

Note: 3" outside diameter, Schedule 40. Includes cap and accessories.

32 31 13 13-0089	LF	3" Outside Diameter Galvanized Steel Post, Up To 6' In Length	29.41	3.62
		For Each Top Rail Fitting, Add	*1.85*	
		For Each Single Barbed Wire Arm, Add	*3.85*	
		For Each Double Barbed Wire Arm, Add	*7.05*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*5.54*	
		For Vinyl Coated, Add	*13.30*	
		For Powder Coated, Add	*17.73*	
		For Aluminum Coated, Add	*27.70*	
		For Schedule 20, Deduct	*-4.43*	
		For Schedule 80, Add	*11.36*	
32 31 13 13-0090	LF	3" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	28.06	3.14
		For Each Top Rail Fitting, Add	*1.85*	
		For Each Single Barbed Wire Arm, Add	*3.85*	
		For Each Double Barbed Wire Arm, Add	*7.05*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*5.45*	
		For Vinyl Coated, Add	*13.09*	
		For Powder Coated, Add	*17.45*	
		For Aluminum Coated, Add	*27.26*	
		For Schedule 20, Deduct	*-4.36*	
		For Schedule 80, Add	*11.09*	
32 31 13 13-0091	LF	3" Outside Diameter Galvanized Steel Post, 11' To 15' In Length	26.67	2.54
		For Each Top Rail Fitting, Add	*1.85*	
		For Each Single Barbed Wire Arm, Add	*3.85*	
		For Each Double Barbed Wire Arm, Add	*7.05*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*5.41*	
		For Vinyl Coated, Add	*12.98*	
		For Powder Coated, Add	*17.31*	
		For Aluminum Coated, Add	*27.05*	
		For Schedule 20, Deduct	*-4.33*	
		For Schedule 80, Add	*10.89*	
32 31 13 13-0092	LF	3" Outside Diameter Galvanized Steel Post, 16' To 20' In Length	25.58	2.05
		For Each Top Rail Fitting, Add	*1.85*	
		For Each Single Barbed Wire Arm, Add	*3.85*	
		For Each Double Barbed Wire Arm, Add	*7.05*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*5.39*	
		For Vinyl Coated, Add	*12.93*	
		For Powder Coated, Add	*17.24*	
		For Aluminum Coated, Add	*26.94*	
		For Schedule 20, Deduct	*-4.31*	
		For Schedule 80, Add	*10.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0093	LF	3" Outside Diameter Galvanized Steel Post, 21' To 24' In Length	24.87	1.69
		For Each Top Rail Fitting, Add	*1.85*	
		For Each Single Barbed Wire Arm, Add	*3.85*	
		For Each Double Barbed Wire Arm, Add	*7.05*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*5.38*	
		For Vinyl Coated, Add	*12.91*	
		For Powder Coated, Add	*17.21*	
		For Aluminum Coated, Add	*26.89*	
		For Schedule 20, Deduct	*-4.30*	
		For Schedule 80, Add	*10.66*	
32 31 13 13-0094	LF	3" Outside Diameter Galvanized Steel Post, >24' In Length	24.22	1.33
		For Each Top Rail Fitting, Add	*1.85*	
		For Each Single Barbed Wire Arm, Add	*3.85*	
		For Each Double Barbed Wire Arm, Add	*7.05*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*5.38*	
		For Vinyl Coated, Add	*12.90*	
		For Powder Coated, Add	*17.20*	
		For Aluminum Coated, Add	*26.88*	
		For Schedule 20, Deduct	*-4.30*	
		For Schedule 80, Add	*10.59*	

32 31 13 13-0095 Post Without Top Rail Fitting, Galvanized Steel, (4.00" Nominal) *(32 31 13 13-0059)*

Note: 4" outside diameter, Schedule 40. Includes cap and accessories.

32 31 13 13-0096	LF	4" Outside Diameter Galvanized Steel Post, Up To 6' In Length	43.80	3.87
		For Each Top Rail Fitting, Add	*2.60*	
		For Each Single Barbed Wire Arm, Add	*5.10*	
		For Each Double Barbed Wire Arm, Add	*11.25*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*9.04*	
		For Vinyl Coated, Add	*21.70*	
		For Powder Coated, Add	*28.94*	
		For Aluminum Coated, Add	*45.21*	
		For Schedule 20, Deduct	*-7.23*	
		For Schedule 80, Add	*18.12*	
32 31 13 13-0097	LF	4" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	41.90	3.14
		For Each Top Rail Fitting, Add	*2.60*	
		For Each Single Barbed Wire Arm, Add	*5.10*	
		For Each Double Barbed Wire Arm, Add	*11.25*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*8.89*	
		For Vinyl Coated, Add	*21.32*	
		For Powder Coated, Add	*28.43*	
		For Aluminum Coated, Add	*44.43*	
		For Schedule 20, Deduct	*-7.11*	
		For Schedule 80, Add	*17.70*	
32 31 13 13-0098	LF	4" Outside Diameter Galvanized Steel Post, 11' To 15' In Length	40.53	2.66
		For Each Top Rail Fitting, Add	*2.60*	
		For Each Single Barbed Wire Arm, Add	*5.10*	
		For Each Double Barbed Wire Arm, Add	*11.25*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*8.81*	
		For Vinyl Coated, Add	*21.14*	
		For Powder Coated, Add	*28.18*	
		For Aluminum Coated, Add	*44.04*	
		For Schedule 20, Deduct	*-7.05*	
		For Schedule 80, Add	*17.44*	
32 31 13 13-0099	LF	4" Outside Diameter Galvanized Steel Post, 16' To 20' In Length	39.32	2.17
		For Each Top Rail Fitting, Add	*2.60*	
		For Each Single Barbed Wire Arm, Add	*5.10*	
		For Each Double Barbed Wire Arm, Add	*11.25*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*8.77*	
		For Vinyl Coated, Add	*21.04*	
		For Powder Coated, Add	*28.06*	
		For Aluminum Coated, Add	*43.84*	
		For Schedule 20, Deduct	*-7.01*	
		For Schedule 80, Add	*17.26*	
32 31 13 13-0100	LF	4" Outside Diameter Galvanized Steel Post, 21' To 24' In Length	39.23	2.17
		For Each Top Rail Fitting, Add	*2.60*	
		For Each Single Barbed Wire Arm, Add	*5.10*	
		For Each Double Barbed Wire Arm, Add	*11.25*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*8.75*	
		For Vinyl Coated, Add	*20.99*	
		For Powder Coated, Add	*27.99*	
		For Aluminum Coated, Add	*43.74*	
		For Schedule 20, Deduct	*-7.00*	
		For Schedule 80, Add	*17.22*	
32 31 13 13-0101	LF	4" Outside Diameter Galvanized Steel Post, >24' In Length	38.00	1.57
		For Each Top Rail Fitting, Add	*2.60*	
		For Each Single Barbed Wire Arm, Add	*5.10*	
		For Each Double Barbed Wire Arm, Add	*11.25*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*8.75*	
		For Vinyl Coated, Add	*20.99*	
		For Powder Coated, Add	*27.98*	
		For Aluminum Coated, Add	*43.73*	
		For Schedule 20, Deduct	*-7.00*	
		For Schedule 80, Add	*17.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0102		Post Without Top Rail Fitting, Galvanized Steel, (4.50" Nominal) *(32 31 13 13-0059)*		
		Note: 4-1/2" outside diameter, Schedule 40. Includes cap and accessories.		
32 31 13 13-0103	LF	4-1/2" Outside Diameter Galvanized Steel Post, Up To 6' In Length	46.55	3.87
		For Each Top Rail Fitting, Add	*2.60*	
		For Each Single Barbed Wire Arm, Add	*5.10*	
		For Each Double Barbed Wire Arm, Add	*11.25*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*9.73*	
		For Vinyl Coated, Add	*23.35*	
		For Powder Coated, Add	*31.14*	
		For Aluminum Coated, Add	*48.65*	
		For Schedule 20, Deduct	*-7.78*	
		For Schedule 80, Add	*19.44*	
32 31 13 13-0104	LF	4-1/2" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	45.28	3.14
		For Each Top Rail Fitting, Add	*2.60*	
		For Each Single Barbed Wire Arm, Add	*5.10*	
		For Each Double Barbed Wire Arm, Add	*11.25*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*9.73*	
		For Vinyl Coated, Add	*23.35*	
		For Powder Coated, Add	*31.14*	
		For Aluminum Coated, Add	*48.65*	
		For Schedule 20, Deduct	*-7.78*	
		For Schedule 80, Add	*19.32*	
32 31 13 13-0105	LF	4-1/2" Outside Diameter Galvanized Steel Post, 11' To 15' In Length	44.22	2.66
		For Each Top Rail Fitting, Add	*2.60*	
		For Each Single Barbed Wire Arm, Add	*5.10*	
		For Each Double Barbed Wire Arm, Add	*11.25*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*9.73*	
		For Vinyl Coated, Add	*23.35*	
		For Powder Coated, Add	*31.14*	
		For Aluminum Coated, Add	*48.65*	
		For Schedule 20, Deduct	*-7.78*	
		For Schedule 80, Add	*19.21*	
32 31 13 13-0106	LF	4-1/2" Outside Diameter Galvanized Steel Post, 16' To 20' In Length	43.17	2.17
		For Each Top Rail Fitting, Add	*2.60*	
		For Each Single Barbed Wire Arm, Add	*5.10*	
		For Each Double Barbed Wire Arm, Add	*11.25*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*9.73*	
		For Vinyl Coated, Add	*23.35*	
		For Powder Coated, Add	*31.14*	
		For Aluminum Coated, Add	*48.65*	
		For Schedule 20, Deduct	*-7.78*	
		For Schedule 80, Add	*19.11*	
32 31 13 13-0107	LF	4-1/2" Outside Diameter Galvanized Steel Post, 21' To 24' In Length	43.16	2.17
		For Each Top Rail Fitting, Add	*2.60*	
		For Each Single Barbed Wire Arm, Add	*5.10*	
		For Each Double Barbed Wire Arm, Add	*11.25*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*9.73*	
		For Vinyl Coated, Add	*23.35*	
		For Powder Coated, Add	*31.14*	
		For Aluminum Coated, Add	*48.65*	
		For Schedule 20, Deduct	*-7.78*	
		For Schedule 80, Add	*19.11*	
32 31 13 13-0108	LF	4-1/2" Outside Diameter Galvanized Steel Post, >24' In Length	41.94	1.57
		For Each Top Rail Fitting, Add	*2.60*	
		For Each Single Barbed Wire Arm, Add	*5.10*	
		For Each Double Barbed Wire Arm, Add	*11.25*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*9.73*	
		For Vinyl Coated, Add	*23.35*	
		For Powder Coated, Add	*31.14*	
		For Aluminum Coated, Add	*48.65*	
		For Schedule 20, Deduct	*-7.78*	
		For Schedule 80, Add	*18.98*	
32 31 13 13-0109		Post Without Top Rail Fitting, Galvanized Steel (5.5625" Nominal) *(32 31 13 13-0059)*		
		Note: 5-9/16" outside diameter, Schedule 40. Includes cap and accessories.		
32 31 13 13-0110	LF	5-9/16" Outside Diameter Galvanized Steel Post, Up To 6' In Length	70.08	4.23
		For Each Top Rail Fitting, Add	*4.55*	
		For Each Single Barbed Wire Arm, Add	*7.15*	
		For Each Double Barbed Wire Arm, Add	*14.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*15.40*	
		For Vinyl Coated, Add	*36.96*	
		For Powder Coated, Add	*49.28*	
		For Aluminum Coated, Add	*77.00*	
		For Schedule 20, Deduct	*-12.32*	
		For Schedule 80, Add	*30.42*	
32 31 13 13-0111	LF	5-9/16" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	68.71	3.50
		For Each Top Rail Fitting, Add	*4.55*	
		For Each Single Barbed Wire Arm, Add	*7.15*	
		For Each Double Barbed Wire Arm, Add	*14.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*15.40*	
		For Vinyl Coated, Add	*36.96*	
		For Powder Coated, Add	*49.28*	
		For Aluminum Coated, Add	*77.00*	
		For Schedule 20, Deduct	*-12.32*	
		For Schedule 80, Add	*30.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0112	LF	5-9/16" Outside Diameter Galvanized Steel Post, 11' To 15' In Length	67.50	2.90
		For Each Top Rail Fitting, Add	*4.55*	
		For Each Single Barbed Wire Arm, Add	*7.15*	
		For Each Double Barbed Wire Arm, Add	*14.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*15.40*	
		For Vinyl Coated, Add	*36.96*	
		For Powder Coated, Add	*49.28*	
		For Aluminum Coated, Add	*77.00*	
		For Schedule 20, Deduct	*-12.32*	
		For Schedule 80, Add	*30.16*	
32 31 13 13-0113	LF	5-9/16" Outside Diameter Galvanized Steel Post, 16' To 20' In Length	66.31	2.30
		For Each Top Rail Fitting, Add	*4.55*	
		For Each Single Barbed Wire Arm, Add	*7.15*	
		For Each Double Barbed Wire Arm, Add	*14.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*15.40*	
		For Vinyl Coated, Add	*36.96*	
		For Powder Coated, Add	*49.28*	
		For Aluminum Coated, Add	*77.00*	
		For Schedule 20, Deduct	*-12.32*	
		For Schedule 80, Add	*30.04*	
32 31 13 13-0114	LF	5-9/16" Outside Diameter Galvanized Steel Post, 21' To 24' In Length	65.63	2.05
		For Each Top Rail Fitting, Add	*4.55*	
		For Each Single Barbed Wire Arm, Add	*7.15*	
		For Each Double Barbed Wire Arm, Add	*14.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*15.40*	
		For Vinyl Coated, Add	*36.96*	
		For Powder Coated, Add	*49.28*	
		For Aluminum Coated, Add	*77.00*	
		For Schedule 20, Deduct	*-12.32*	
		For Schedule 80, Add	*29.97*	
32 31 13 13-0115	LF	5-9/16" Outside Diameter Galvanized Steel Post, >24' In Length	64.96	1.69
		For Each Top Rail Fitting, Add	*4.55*	
		For Each Single Barbed Wire Arm, Add	*7.15*	
		For Each Double Barbed Wire Arm, Add	*14.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*15.40*	
		For Vinyl Coated, Add	*36.96*	
		For Powder Coated, Add	*49.28*	
		For Aluminum Coated, Add	*77.00*	
		For Schedule 20, Deduct	*-12.32*	
		For Schedule 80, Add	*29.90*	

32 31 13 13-0116 Post Without Top Rail Fitting, Galvanized Steel (6.625" Nominal) *(32 31 13 13-0059)*

Note: 6-5/8" outside diameter, Schedule 40. Includes cap and accessories.

32 31 13 13-0117	LF	6-5/8" Outside Diameter Galvanized Steel Post, Up To 6' In Length	87.81	4.23
		For Each Top Rail Fitting, Add	*4.55*	
		For Each Single Barbed Wire Arm, Add	*7.15*	
		For Each Double Barbed Wire Arm, Add	*14.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*19.83*	
		For Vinyl Coated, Add	*47.60*	
		For Powder Coated, Add	*63.46*	
		For Aluminum Coated, Add	*99.16*	
		For Schedule 20, Deduct	*-15.87*	
		For Schedule 80, Add	*38.93*	
32 31 13 13-0118	LF	6-5/8" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	84.05	3.50
		For Each Top Rail Fitting, Add	*4.55*	
		For Each Single Barbed Wire Arm, Add	*7.15*	
		For Each Double Barbed Wire Arm, Add	*14.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*19.24*	
		For Vinyl Coated, Add	*46.16*	
		For Powder Coated, Add	*61.55*	
		For Aluminum Coated, Add	*96.18*	
		For Schedule 20, Deduct	*-15.39*	
		For Schedule 80, Add	*37.64*	
32 31 13 13-0119	LF	6-5/8" Outside Diameter Galvanized Steel Post, 11' To 15' In Length	81.65	2.90
		For Each Top Rail Fitting, Add	*4.55*	
		For Each Single Barbed Wire Arm, Add	*7.15*	
		For Each Double Barbed Wire Arm, Add	*14.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*18.94*	
		For Vinyl Coated, Add	*45.45*	
		For Powder Coated, Add	*60.60*	
		For Aluminum Coated, Add	*94.69*	
		For Schedule 20, Deduct	*-15.15*	
		For Schedule 80, Add	*36.95*	
32 31 13 13-0120	LF	6-5/8" Outside Diameter Galvanized Steel Post, 16' To 20' In Length	79.87	2.30
		For Each Top Rail Fitting, Add	*4.55*	
		For Each Single Barbed Wire Arm, Add	*7.15*	
		For Each Double Barbed Wire Arm, Add	*14.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*18.79*	
		For Vinyl Coated, Add	*45.10*	
		For Powder Coated, Add	*60.13*	
		For Aluminum Coated, Add	*93.95*	
		For Schedule 20, Deduct	*-15.03*	
		For Schedule 80, Add	*36.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0121	LF	6-5/8" Outside Diameter Galvanized Steel Post, 21' To 24' In Length	78.89	2.05
		For Each Top Rail Fitting, Add	*4.55*	
		For Each Single Barbed Wire Arm, Add	*7.15*	
		For Each Double Barbed Wire Arm, Add	*14.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*18.72*	
		For Vinyl Coated, Add	*44.92*	
		For Powder Coated, Add	*59.89*	
		For Aluminum Coated, Add	*93.58*	
		For Schedule 20, Deduct	*-14.97*	
		For Schedule 80, Add	*36.34*	
32 31 13 13-0122	LF	6-5/8" Outside Diameter Galvanized Steel Post, >24' In Length	78.16	1.69
		For Each Top Rail Fitting, Add	*4.55*	
		For Each Single Barbed Wire Arm, Add	*7.15*	
		For Each Double Barbed Wire Arm, Add	*14.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*18.70*	
		For Vinyl Coated, Add	*44.88*	
		For Powder Coated, Add	*59.84*	
		For Aluminum Coated, Add	*93.50*	
		For Schedule 20, Deduct	*-14.96*	
		For Schedule 80, Add	*36.24*	
32 31 13 13-0123		Post Without Top Rail Fitting, Galvanized Steel (8.625" Nominal) *(32 31 13 13-0059)*		
		Note: 8-5/8" outside diameter, Schedule 40. Includes cap and accessories.		
32 31 13 13-0124	LF	8-5/8" Outside Diameter Galvanized Steel Post, Up To 6' In Length	171.60	4.71
		For Each Top Rail Fitting, Add	*7.50*	
		For Each Single Barbed Wire Arm, Add	*9.15*	
		For Each Double Barbed Wire Arm, Add	*18.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*40.55*	
		For Vinyl Coated, Add	*97.31*	
		For Powder Coated, Add	*129.75*	
		For Aluminum Coated, Add	*202.74*	
		For Schedule 20, Deduct	*-32.44*	
		For Schedule 80, Add	*78.79*	
32 31 13 13-0125	LF	8-5/8" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	165.33	3.99
		For Each Top Rail Fitting, Add	*7.50*	
		For Each Single Barbed Wire Arm, Add	*9.15*	
		For Each Double Barbed Wire Arm, Add	*18.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*39.36*	
		For Vinyl Coated, Add	*94.47*	
		For Powder Coated, Add	*125.96*	
		For Aluminum Coated, Add	*196.81*	
		For Schedule 20, Deduct	*-31.49*	
		For Schedule 80, Add	*76.36*	
32 31 13 13-0126	LF	8-5/8" Outside Diameter Galvanized Steel Post, 11' To 15' In Length	161.60	3.26
		For Each Top Rail Fitting, Add	*7.50*	
		For Each Single Barbed Wire Arm, Add	*9.15*	
		For Each Double Barbed Wire Arm, Add	*18.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*38.77*	
		For Vinyl Coated, Add	*93.04*	
		For Powder Coated, Add	*124.06*	
		For Aluminum Coated, Add	*193.84*	
		For Schedule 20, Deduct	*-31.01*	
		For Schedule 80, Add	*75.09*	
32 31 13 13-0127	LF	8-5/8" Outside Diameter Galvanized Steel Post, 16' To 20' In Length	159.07	2.54
		For Each Top Rail Fitting, Add	*7.50*	
		For Each Single Barbed Wire Arm, Add	*9.15*	
		For Each Double Barbed Wire Arm, Add	*18.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*38.47*	
		For Vinyl Coated, Add	*92.33*	
		For Powder Coated, Add	*123.11*	
		For Aluminum Coated, Add	*192.36*	
		For Schedule 20, Deduct	*-30.78*	
		For Schedule 80, Add	*74.39*	
32 31 13 13-0128	LF	8-5/8" Outside Diameter Galvanized Steel Post, 21' To 24' In Length	157.77	2.17
		For Each Top Rail Fitting, Add	*7.50*	
		For Each Single Barbed Wire Arm, Add	*9.15*	
		For Each Double Barbed Wire Arm, Add	*18.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*38.32*	
		For Vinyl Coated, Add	*91.97*	
		For Powder Coated, Add	*122.63*	
		For Aluminum Coated, Add	*191.61*	
		For Schedule 20, Deduct	*-30.66*	
		For Schedule 80, Add	*74.03*	
32 31 13 13-0129	LF	8-5/8" Outside Diameter Galvanized Steel Post, >24' In Length	156.90	1.81
		For Each Top Rail Fitting, Add	*7.50*	
		For Each Single Barbed Wire Arm, Add	*9.15*	
		For Each Double Barbed Wire Arm, Add	*18.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*38.29*	
		For Vinyl Coated, Add	*91.90*	
		For Powder Coated, Add	*122.54*	
		For Aluminum Coated, Add	*191.46*	
		For Schedule 20, Deduct	*-30.63*	
		For Schedule 80, Add	*73.89*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0130		Driven Post Supports *(32 31 13 13)* Note: OZ-Post.		
32 31 13 13-0131		Driven Post Support For Round Chain Link Fence Posts *(32 31 13 13-0130)*		
32 31 13 13-0132	EA	26" Driven Post Support For 1-5/8" Round Chain Link Fence Post Note: OZ-Post GB-700.	76.73	
32 31 13 13-0133	EA	26" Driven Post Support For 1-7/8" To 2" Round Chain Link Fence Post Note: OZ-Post HB-700.	76.73	
32 31 13 13-0134	EA	26" Driven Post Support For 2-3/8" To 2-1/2" Round Chain Link Fence Post Note: OZ-Post IS-600.	78.76	
32 31 13 13-0135	EA	32" Driven Post Support For 2-3/8" To 2-1/2" Round Chain Link Fence Post Note: OZ-Post ISW-850.	94.60	
32 31 13 13-0136	EA	34" Driven Post Support For 2-7/8" To 3" Round Chain Link Fence Post Note: OZ-Post	96.69	
32 31 13 13-0137	EA	34" Driven Post Support For 3-1/2" To 4" Round Chain Link Fence Post Note: OZ-Post	97.75	
32 31 13 13-0138	EA	34" Driven Post Support For 4-1/2" To 4-7/8" Round Chain Link Fence Post Note: OZ-Post	101.07	
32 31 13 13-0139	EA	34" Driven Post Support For 5-9/16" Round Chain Link Fence Post Note: OZ-Post	127.88	
32 31 13 13-0140	EA	34" Driven Post Support For 6-5/8" Round Chain Link Fence Post Note: OZ-Post	148.83	
32 31 13 13-0141	EA	34" Driven Post Support For 8-5/8" Round Chain Link Fence Post Note: OZ-Post	164.34	
32 31 13 13-0142		Driven Post Support For Square Ornamental Fence Posts *(32 31 13 13-0130)*		
32 31 13 13-0143	EA	34" Driven Post Support For 1-3/4" Square Ornamental Fence Post Note: OZ-Post C175-850.	88.51	
32 31 13 13-0144	EA	24" Driven Post Support For 2" Square Ornamental Fence Post Note: OZ-Post I2-600.	85.46	
32 31 13 13-0145	EA	34" Driven Post Support For 2" Square Ornamental Fence Post Note: OZ-Post I2-850.	89.12	
32 31 13 13-0146	EA	34" Driven Post Support For 2-1/2" Square Ornamental Fence Post Note: OZ-Post I25-850.	94.60	
32 31 13 13-0147	EA	34" Driven Post Support For 3" Square Ornamental Fence Post Note: OZ-Post I3-850.	94.60	
32 31 13 13-0148		Driven Post Support For Wooden Fence Posts *(32 31 13 13-0130)*		
32 31 13 13-0149	EA	24" Driven Post Support For 3-1/2" Square Wooden Fence Post Note: OZ-Post T4-600.	87.56	
32 31 13 13-0150	EA	34" Driven Post Support For 3-1/2" Square Wooden Fence Post Note: OZ-Post T4-850.	91.55	
32 31 13 13-0151	EA	34" Driven Post Support For 3-3/4" Square Wooden Fence Post Note: OZ-Post C4-850.	98.67	
32 31 13 13-0152	EA	34" Driven Post Support For 4" Square Wooden Fence Post Note: OZ-Post P4-850.	98.67	
32 31 13 13-0153	EA	36" Driven Post Support For 4" x 6" Wooden Fence Post Note: OZ-Post T46-850.	111.88	
32 31 13 13-0154	EA	36" Driven Post Support For 6" Square Wooden Fence Post Note: OZ-Post T6-850.	121.22	
32 31 13 13-0155		Driven Post Support For Vinyl Fence Posts *(32 31 13 13-0130)*		
32 31 13 13-0156	EA	24" Driven Post Support For 3-1/2" Square Vinyl Fence Post Note: OZ-Post T4-600.	87.56	
32 31 13 13-0157	EA	34" Driven Post Support For 3-1/2" Square Vinyl Fence Post Note: OZ-Post T4-850.	91.55	
32 31 13 13-0158	EA	34" Driven Post Support For 4" Square Vinyl Fence Post Note: OZ-Post P4-850.	98.67	
32 31 13 13-0159	EA	34" Driven Post Support For 5" Square Vinyl Fence Post Note: OZ-Post P4-850.	100.29	
32 31 13 13-0160		Chain Link Fence Assemblies *(32 31 13 13)*		
32 31 13 13-0161		Chain Link Fence Assembly With 2-1/2" Line Post And 3" Corner Posts *(32 31 13 13-0160)* Note: Includes 2" 9 gauge coiled spring mesh (knuckled selvedge), tension bars, post tension bands, wire ties, truss rod (at corners or posts), 1-5/8" top rail, 1-5/8" bottom rail, 2-1/2" line post and 3" corner posts. Posts exclude drilling or augering in soil or rock, concrete or soil fill. Heights indicated are from ground to top of installed pole. Minimum 2' bury with up to one third of exposed post height to be buried in ground. Excludes grounding. Demolition excludes concrete footing removal on posts and excavation. See CSI section 26 05 26 00-0000 for grounding, 31 23 16 36-0009 for hand excavation for footing removal (where required), 32 31 13 13-0687 for barb wire attachments.		
32 31 13 13-0162		Galvanized *(32 31 13 13-0161)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0163	LF	3' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	42.76	4.11
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*2.94*	
		For 13 Gauge Fabric, Deduct	*-9.26*	
		For 11 Gauge Fabric, Deduct	*-5.41*	
		For 6 Gauge Fabric, Add	*8.50*	
		For 1" Mesh Fabric, Add	*11.60*	
		For 1-3/4" Mesh Fabric, Add	*4.64*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.32*	
		For 2-3/8" Mesh Fabric, Deduct	*-3.09*	
		For Posts 8' On Centers, Add	*2.33*	
		For Posts 5' On Centers, Add	*8.74*	
		For Up To 100, Add	*8.02*	
		For >100 To 250, Add	*2.94*	
		For >2,500 To 5,000, Deduct	*-1.47*	
		For >5,000, Deduct	*-2.94*	
		For 3/8" Non-Climbable Mesh, Add	*32.34*	
32 31 13 13-0164	LF	3'-6" Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	44.46	4.11
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*3.04*	
		For 13 Gauge Fabric, Deduct	*-9.77*	
		For 11 Gauge Fabric, Deduct	*-5.71*	
		For 6 Gauge Fabric, Add	*8.97*	
		For 1" Mesh Fabric, Add	*12.23*	
		For 1-3/4" Mesh Fabric, Add	*4.89*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.45*	
		For 2-3/8" Mesh Fabric, Deduct	*-3.26*	
		For Posts 8' On Centers, Add	*2.42*	
		For Posts 5' On Centers, Add	*9.07*	
		For Up To 100, Add	*8.30*	
		For >100 To 250, Add	*3.04*	
		For >2,500 To 5,000, Deduct	*-1.52*	
		For >5,000, Deduct	*-3.04*	
		For 3/8" Non-Climbable Mesh, Add	*37.12*	
32 31 13 13-0165	LF	4' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	45.98	4.11
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*3.13*	
		For 13 Gauge Fabric, Deduct	*-10.21*	
		For 11 Gauge Fabric, Deduct	*-5.96*	
		For 6 Gauge Fabric, Add	*9.37*	
		For 1" Mesh Fabric, Add	*12.78*	
		For 1-3/4" Mesh Fabric, Add	*5.11*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.56*	
		For 2-3/8" Mesh Fabric, Deduct	*-3.41*	
		For Posts 8' On Centers, Add	*2.50*	
		For Posts 5' On Centers, Add	*9.36*	
		For Up To 100, Add	*8.56*	
		For >100 To 250, Add	*3.13*	
		For >2,500 To 5,000, Deduct	*-1.56*	
		For >5,000, Deduct	*-3.13*	
		For 3/8" Non-Climbable Mesh, Add	*41.95*	
32 31 13 13-0166	LF	5' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	49.48	4.11
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*3.33*	
		For 13 Gauge Fabric, Deduct	*-11.24*	
		For 11 Gauge Fabric, Deduct	*-6.57*	
		For 6 Gauge Fabric, Add	*10.32*	
		For 1" Mesh Fabric, Add	*14.07*	
		For 1-3/4" Mesh Fabric, Add	*5.63*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.81*	
		For 2-3/8" Mesh Fabric, Deduct	*-3.75*	
		For Posts 8' On Centers, Add	*2.68*	
		For Posts 5' On Centers, Add	*10.02*	
		For Up To 100, Add	*9.14*	
		For >100 To 250, Add	*3.33*	
		For >2,500 To 5,000, Deduct	*-1.67*	
		For >5,000, Deduct	*-3.33*	
		For 3/8" Non-Climbable Mesh, Add	*51.00*	
32 31 13 13-0167	LF	6' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	53.61	4.11
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*3.59*	
		For 13 Gauge Fabric, Deduct	*-12.29*	
		For 11 Gauge Fabric, Deduct	*-7.18*	
		For 6 Gauge Fabric, Add	*11.28*	
		For 1" Mesh Fabric, Add	*15.38*	
		For 1-3/4" Mesh Fabric, Add	*6.15*	
		For 2-1/8" Mesh Fabric, Deduct	*-3.08*	
		For 2-3/8" Mesh Fabric, Deduct	*-4.10*	
		For Posts 8' On Centers, Add	*2.90*	
		For Posts 5' On Centers, Add	*10.84*	
		For Up To 100, Add	*9.87*	
		For >100 To 250, Add	*3.59*	
		For >2,500 To 5,000, Deduct	*-1.80*	
		For >5,000, Deduct	*-3.59*	
		For 3/8" Non-Climbable Mesh, Add	*60.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0168	LF	7' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	55.57	6.16
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*3.73*	
		For 13 Gauge Fabric, Deduct	*-12.73*	
		For 11 Gauge Fabric, Deduct	*-7.44*	
		For 6 Gauge Fabric, Add	*11.69*	
		For 1" Mesh Fabric, Add	*15.94*	
		For 1-3/4" Mesh Fabric, Add	*6.38*	
		For 2-1/8" Mesh Fabric, Deduct	*-3.19*	
		For 2-3/8" Mesh Fabric, Deduct	*-4.25*	
		For Posts 8' On Centers, Add	*3.01*	
		For Posts 5' On Centers, Add	*11.23*	
		For Up To 100, Add	*10.23*	
		For >100 To 250, Add	*3.73*	
		For >2,500 To 5,000, Deduct	*-1.86*	
		For >5,000, Deduct	*-3.73*	
		For 3/8" Non-Climbable Mesh, Add	*69.36*	
32 31 13 13-0169	LF	8' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	63.24	7.19
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*4.17*	
		For 13 Gauge Fabric, Deduct	*-14.97*	
		For 11 Gauge Fabric, Deduct	*-8.74*	
		For 6 Gauge Fabric, Add	*13.74*	
		For 1" Mesh Fabric, Add	*18.74*	
		For 1-3/4" Mesh Fabric, Add	*7.49*	
		For 2-1/8" Mesh Fabric, Deduct	*-3.75*	
		For 2-3/8" Mesh Fabric, Deduct	*-5.00*	
		For Posts 8' On Centers, Add	*3.40*	
		For Posts 5' On Centers, Add	*12.69*	
		For Up To 100, Add	*11.50*	
		For >100 To 250, Add	*4.17*	
		For >2,500 To 5,000, Deduct	*-2.09*	
		For >5,000, Deduct	*-4.17*	
		For 3/8" Non-Climbable Mesh, Add	*78.71*	
32 31 13 13-0170	LF	9' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	67.44	9.25
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*4.43*	
		For 13 Gauge Fabric, Deduct	*-16.10*	
		For 11 Gauge Fabric, Deduct	*-9.40*	
		For 6 Gauge Fabric, Add	*14.78*	
		For 1" Mesh Fabric, Add	*20.15*	
		For 1-3/4" Mesh Fabric, Add	*8.06*	
		For 2-1/8" Mesh Fabric, Deduct	*-4.03*	
		For 2-3/8" Mesh Fabric, Deduct	*-5.37*	
		For Posts 8' On Centers, Add	*3.63*	
		For Posts 5' On Centers, Add	*13.51*	
		For Up To 100, Add	*12.23*	
		For >100 To 250, Add	*4.43*	
		For >2,500 To 5,000, Deduct	*-2.21*	
		For >5,000, Deduct	*-4.43*	
		For 3/8" Non-Climbable Mesh, Add	*86.85*	
32 31 13 13-0171	LF	10' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	71.66	10.27
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*4.69*	
		For 13 Gauge Fabric, Deduct	*-17.23*	
		For 11 Gauge Fabric, Deduct	*-10.06*	
		For 6 Gauge Fabric, Add	*15.81*	
		For 1" Mesh Fabric, Add	*21.56*	
		For 1-3/4" Mesh Fabric, Add	*8.63*	
		For 2-1/8" Mesh Fabric, Deduct	*-4.31*	
		For 2-3/8" Mesh Fabric, Deduct	*-5.75*	
		For Posts 8' On Centers, Add	*3.85*	
		For Posts 5' On Centers, Add	*14.33*	
		For Up To 100, Add	*12.96*	
		For >100 To 250, Add	*4.69*	
		For >2,500 To 5,000, Deduct	*-2.34*	
		For >5,000, Deduct	*-4.69*	
		For 3/8" Non-Climbable Mesh, Add	*95.25*	
32 31 13 13-0172	LF	12' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	79.60	12.32
		For Each Additional Foot >12, Add	*4.14*	
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*5.18*	
		For 13 Gauge Fabric, Deduct	*-19.34*	
		For 11 Gauge Fabric, Deduct	*-11.30*	
		For 6 Gauge Fabric, Add	*17.76*	
		For 1" Mesh Fabric, Add	*24.21*	
		For 1-3/4" Mesh Fabric, Add	*9.68*	
		For 2-1/8" Mesh Fabric, Deduct	*-4.84*	
		For 2-3/8" Mesh Fabric, Deduct	*-6.46*	
		For Posts 8' On Centers, Add	*4.27*	
		For Posts 5' On Centers, Add	*15.88*	
		For Up To 100, Add	*14.33*	
		For >100 To 250, Add	*5.18*	
		For >2,500 To 5,000, Deduct	*-2.59*	
		For >5,000, Deduct	*-5.18*	
		For 3/8" Non-Climbable Mesh, Add	*103.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0173		Vinyl Coated *(32 31 13 13-0161)*		
32 31 13 13-0174	LF	4' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	47.62	4.11
		For Powder Coated Framework (Posts, Rails, Hardware), Add	*4.65*	
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*3.21*	
		For 13 Gauge Fabric, Deduct	*-10.78*	
		For 11 Gauge Fabric, Deduct	*-6.30*	
		For 6 Gauge Fabric, Add	*9.89*	
		For 1" Mesh Fabric, Add	*13.49*	
		For 1-3/4" Mesh Fabric, Add	*5.40*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.70*	
		For 2-3/8" Mesh Fabric, Deduct	*-3.60*	
		For Posts 8' On Centers, Add	*2.58*	
		For Posts 5' On Centers, Add	*9.65*	
		For Up To 100, Add	*8.80*	
		For >100 To 250, Add	*3.21*	
		For >2,500 To 5,000, Deduct	*-1.61*	
		For >5,000, Deduct	*-3.21*	
		For 3/8" Non-Climbable Mesh, Add	*47.09*	
32 31 13 13-0175	LF	5' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	51.55	4.11
		For Powder Coated Framework (Posts, Rails, Hardware), Add	*5.16*	
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*3.43*	
		For 13 Gauge Fabric, Deduct	*-11.96*	
		For 11 Gauge Fabric, Deduct	*-6.99*	
		For 6 Gauge Fabric, Add	*10.98*	
		For 1" Mesh Fabric, Add	*14.97*	
		For 1-3/4" Mesh Fabric, Add	*5.99*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.99*	
		For 2-3/8" Mesh Fabric, Deduct	*-3.99*	
		For Posts 8' On Centers, Add	*2.78*	
		For Posts 5' On Centers, Add	*10.39*	
		For Up To 100, Add	*9.45*	
		For >100 To 250, Add	*3.43*	
		For >2,500 To 5,000, Deduct	*-1.72*	
		For >5,000, Deduct	*-3.43*	
		For 3/8" Non-Climbable Mesh, Add	*57.42*	
32 31 13 13-0176	LF	6' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	57.82	4.11
		For Powder Coated Framework (Posts, Rails, Hardware), Add	*5.94*	
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*3.80*	
		For 13 Gauge Fabric, Deduct	*-13.75*	
		For 11 Gauge Fabric, Deduct	*-8.03*	
		For 6 Gauge Fabric, Add	*12.62*	
		For 1" Mesh Fabric, Add	*17.21*	
		For 1-3/4" Mesh Fabric, Add	*6.89*	
		For 2-1/8" Mesh Fabric, Deduct	*-3.44*	
		For 2-3/8" Mesh Fabric, Deduct	*-4.59*	
		For Posts 8' On Centers, Add	*3.11*	
		For Posts 5' On Centers, Add	*11.59*	
		For Up To 100, Add	*10.50*	
		For >100 To 250, Add	*3.80*	
		For >2,500 To 5,000, Deduct	*-1.90*	
		For >5,000, Deduct	*-3.80*	
		For 3/8" Non-Climbable Mesh, Add	*67.82*	
32 31 13 13-0177	LF	7' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	60.46	6.16
		For Powder Coated Framework (Posts, Rails, Hardware), Add	*6.23*	
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*3.97*	
		For 13 Gauge Fabric, Deduct	*-14.43*	
		For 11 Gauge Fabric, Deduct	*-8.43*	
		For 6 Gauge Fabric, Add	*13.25*	
		For 1" Mesh Fabric, Add	*18.07*	
		For 1-3/4" Mesh Fabric, Add	*7.23*	
		For 2-1/8" Mesh Fabric, Deduct	*-3.61*	
		For 2-3/8" Mesh Fabric, Deduct	*-4.82*	
		For Posts 8' On Centers, Add	*3.25*	
		For Posts 5' On Centers, Add	*12.11*	
		For Up To 100, Add	*10.96*	
		For >100 To 250, Add	*3.97*	
		For >2,500 To 5,000, Deduct	*-1.98*	
		For >5,000, Deduct	*-3.97*	
		For 3/8" Non-Climbable Mesh, Add	*78.35*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0178	LF	8' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	68.93	7.19
		For Powder Coated Framework (Posts, Rails, Hardware), Add	*7.31*	
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*4.46*	
		For 13 Gauge Fabric, Deduct	*-16.94*	
		For 11 Gauge Fabric, Deduct	*-9.90*	
		For 6 Gauge Fabric, Add	*15.55*	
		For 1" Mesh Fabric, Add	*21.21*	
		For 1-3/4" Mesh Fabric, Add	*8.48*	
		For 2-1/8" Mesh Fabric, Deduct	*-4.24*	
		For 2-3/8" Mesh Fabric, Deduct	*-5.66*	
		For Posts 8' On Centers, Add	*3.69*	
		For Posts 5' On Centers, Add	*13.72*	
		For Up To 100, Add	*12.36*	
		For >100 To 250, Add	*4.46*	
		For >2,500 To 5,000, Deduct	*-2.23*	
		For >5,000, Deduct	*-4.46*	
		For 3/8" Non-Climbable Mesh, Add	*88.98*	
32 31 13 13-0179	LF	9' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	73.55	9.25
		For Powder Coated Framework (Posts, Rails, Hardware), Add	*7.86*	
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*4.73*	
		For 13 Gauge Fabric, Deduct	*-18.22*	
		For 11 Gauge Fabric, Deduct	*-10.64*	
		For 6 Gauge Fabric, Add	*16.73*	
		For 1" Mesh Fabric, Add	*22.81*	
		For 1-3/4" Mesh Fabric, Add	*9.12*	
		For 2-1/8" Mesh Fabric, Deduct	*-4.56*	
		For 2-3/8" Mesh Fabric, Deduct	*-6.08*	
		For Posts 8' On Centers, Add	*3.93*	
		For Posts 5' On Centers, Add	*14.61*	
		For Up To 100, Add	*13.14*	
		For >100 To 250, Add	*4.73*	
		For >2,500 To 5,000, Deduct	*-2.37*	
		For >5,000, Deduct	*-4.73*	
		For 3/8" Non-Climbable Mesh, Add	*98.28*	
32 31 13 13-0180	LF	10' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	78.19	10.27
		For Powder Coated Framework (Posts, Rails, Hardware), Add	*8.42*	
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*5.01*	
		For 13 Gauge Fabric, Deduct	*-19.49*	
		For 11 Gauge Fabric, Deduct	*-11.39*	
		For 6 Gauge Fabric, Add	*17.90*	
		For 1" Mesh Fabric, Add	*24.40*	
		For 1-3/4" Mesh Fabric, Add	*9.76*	
		For 2-1/8" Mesh Fabric, Deduct	*-4.88*	
		For 2-3/8" Mesh Fabric, Deduct	*-6.51*	
		For Posts 8' On Centers, Add	*4.17*	
		For Posts 5' On Centers, Add	*15.51*	
		For Up To 100, Add	*13.94*	
		For >100 To 250, Add	*5.01*	
		For >2,500 To 5,000, Deduct	*-2.51*	
		For >5,000, Deduct	*-5.01*	
		For 3/8" Non-Climbable Mesh, Add	*107.84*	
32 31 13 13-0181	LF	12' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	85.34	12.32
		For Each Additional Foot >12, Add	*4.39*	
		For Powder Coated Framework (Posts, Rails, Hardware), Add	*9.21*	
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*5.46*	
		For 13 Gauge Fabric, Deduct	*-21.34*	
		For 11 Gauge Fabric, Deduct	*-12.46*	
		For 6 Gauge Fabric, Add	*19.59*	
		For 1" Mesh Fabric, Add	*26.71*	
		For 1-3/4" Mesh Fabric, Add	*10.68*	
		For 2-1/8" Mesh Fabric, Deduct	*-5.34*	
		For 2-3/8" Mesh Fabric, Deduct	*-7.12*	
		For Posts 8' On Centers, Add	*4.55*	
		For Posts 5' On Centers, Add	*16.92*	
		For Up To 100, Add	*15.20*	
		For >100 To 250, Add	*5.46*	
		For >2,500 To 5,000, Deduct	*-2.73*	
		For >5,000, Deduct	*-5.46*	
		For 3/8" Non-Climbable Mesh, Add	*116.95*	

32 31 13 13-0182 Rails *(32 31 13 13)*

Note: Includes rail end fittings.

32 31 13 13-0183 SS-20 Chain Link Fence Rails *(32 31 13 13-0182)*

Note: Includes tie wires.

32 31 13 13-0184	LF	1-3/8" Galvanized Steel Rail, 0.08" Wall Thickness, Tie Wires And Fittings	7.80	1.33
		For SS15, Deduct	*-0.50*	
		For SS40, Add	*1.26*	
32 31 13 13-0185	LF	1-3/8" Vinyl Coated Rail, 0.08" Wall Thickness, Tie Wires And Fittings	9.49	1.33
		For SS40, Add	*0.67*	
		For Powder Coated, Add	*1.34*	
		For Aluminum Coated, Add	*2.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0186	LF	1-5/8" Galvanized Steel Rail, 0.085" Wall Thickness, Tie Wires And Fittings	9.72	1.52
		For SS15, Deduct	*-0.67*	
		For SS40, Add	*1.68*	
32 31 13 13-0187	LF	1-5/8" Vinyl Coated Rail, 0.085" Wall Thickness, Tie Wires And Fittings	11.97	1.52
		For SS40, Add	*0.90*	
		For Powder Coated, Add	*1.79*	
		For Aluminum Coated, Add	*3.58*	
32 31 13 13-0188	LF	2" Galvanized Steel Rail, 0.09" Wall Thickness, Tie Wires And Fittings	11.41	1.69
		For SS40, Add	*2.01*	
32 31 13 13-0189	LF	2" Vinyl Coated Rail, 0.09" Wall Thickness, Tie Wires And Fittings	14.12	1.69
		For SS40, Add	*1.07*	
		For Powder Coated, Add	*2.15*	
		For Aluminum Coated, Add	*4.30*	
32 31 13 13-0190		**SS-20 Middle/Bottom Rail With Tie Wire (1.66" Nominal)** *(32 31 13 13-0182)*		
32 31 13 13-0191	LF	1-5/8" Galvanized Steel Fence Rail, Tie Wire And Fittings	10.26	1.33
		For SS40, Add	*1.81*	
32 31 13 13-0192	LF	1-5/8" Vinyl Coated Fence Rail, Tie Wires And Fittings	12.52	1.33
		For SS40, Add	*0.95*	
		For Powder Coated, Add	*1.90*	
		For Aluminum Coated, Add	*3.80*	
32 31 13 13-0193		**Fabric** *(32 31 13 13)*		
32 31 13 13-0194		**Fabric, Galvanized Chain Link** *(32 31 13 13-0193)*		
32 31 13 13-0195	LF	3' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	11.89	2.42
		For 1-1/4" Mesh Fabric, Add	*1.13*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*1.01*	
		For 13 Gauge Fabric, Deduct	*-1.82*	
		For 11 Gauge Fabric, Deduct	*-1.01*	
		For 6 Gauge Fabric, Add	*3.23*	
		For 1" Mesh Fabric, Add	*3.03*	
		For 1-1/4" Mesh Fabric, Add	*2.02*	
		For 1-3/4" Mesh Fabric, Add	*1.21*	
		For 2-1/8" Mesh Fabric, Deduct	*-0.61*	
		For 2-3/8" Mesh Fabric, Deduct	*-0.81*	
		For 3/8" Non-Climbable Mesh, Add	*33.51*	
32 31 13 13-0196	LF	3'-6" Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	13.17	2.72
		For 1-1/4" Mesh Fabric, Add	*1.32*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*1.18*	
		For 13 Gauge Fabric, Deduct	*-2.12*	
		For 11 Gauge Fabric, Deduct	*-1.18*	
		For 6 Gauge Fabric, Add	*3.77*	
		For 1" Mesh Fabric, Add	*3.53*	
		For 1-1/4" Mesh Fabric, Add	*2.36*	
		For 1-3/4" Mesh Fabric, Add	*1.41*	
		For 2-1/8" Mesh Fabric, Deduct	*-0.71*	
		For 2-3/8" Mesh Fabric, Deduct	*-0.94*	
		For 3/8" Non-Climbable Mesh, Add	*38.39*	
32 31 13 13-0197	LF	4' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	14.24	3.02
		For 1-1/4" Mesh Fabric, Add	*1.45*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*1.30*	
		For 13 Gauge Fabric, Deduct	*-2.33*	
		For 11 Gauge Fabric, Deduct	*-1.30*	
		For 6 Gauge Fabric, Add	*4.14*	
		For 1" Mesh Fabric, Add	*3.89*	
		For 1-1/4" Mesh Fabric, Add	*2.59*	
		For 1-3/4" Mesh Fabric, Add	*1.55*	
		For 2-1/8" Mesh Fabric, Deduct	*-0.78*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.04*	
		For 3/8" Non-Climbable Mesh, Add	*43.30*	
32 31 13 13-0198	LF	5' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	16.12	3.62
		For 1-1/4" Mesh Fabric, Add	*1.81*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*1.62*	
		For 13 Gauge Fabric, Deduct	*-2.91*	
		For 11 Gauge Fabric, Deduct	*-1.62*	
		For 6 Gauge Fabric, Add	*5.17*	
		For 1" Mesh Fabric, Add	*4.85*	
		For 1-1/4" Mesh Fabric, Add	*3.23*	
		For 1-3/4" Mesh Fabric, Add	*1.94*	
		For 2-1/8" Mesh Fabric, Deduct	*-0.97*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.29*	
		For 3/8" Non-Climbable Mesh, Add	*52.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0199	LF	6' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	18.13	4.23
		For 1-1/4" Mesh Fabric, Add	*2.18*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*1.94*	
		For 13 Gauge Fabric, Deduct	*-3.50*	
		For 11 Gauge Fabric, Deduct	*-1.94*	
		For 6 Gauge Fabric, Add	*6.22*	
		For 1" Mesh Fabric, Add	*5.83*	
		For 1-1/4" Mesh Fabric, Add	*3.89*	
		For 1-3/4" Mesh Fabric, Add	*2.33*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.17*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.55*	
		For 3/8" Non-Climbable Mesh, Add	*61.68*	
32 31 13 13-0200	LF	7' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	20.21	4.83
		For 1-1/4" Mesh Fabric, Add	*2.53*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*2.26*	
		For 13 Gauge Fabric, Deduct	*-4.07*	
		For 11 Gauge Fabric, Deduct	*-2.26*	
		For 6 Gauge Fabric, Add	*7.24*	
		For 1" Mesh Fabric, Add	*6.79*	
		For 1-1/4" Mesh Fabric, Add	*4.53*	
		For 1-3/4" Mesh Fabric, Add	*2.72*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.36*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.81*	
		For 3/8" Non-Climbable Mesh, Add	*71.04*	
32 31 13 13-0201	LF	8' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	22.43	6.04
		For 1-1/4" Mesh Fabric, Add	*2.90*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*2.59*	
		For 13 Gauge Fabric, Deduct	*-4.66*	
		For 11 Gauge Fabric, Deduct	*-2.59*	
		For 6 Gauge Fabric, Add	*8.28*	
		For 1" Mesh Fabric, Add	*7.76*	
		For 1-1/4" Mesh Fabric, Add	*5.18*	
		For 1-3/4" Mesh Fabric, Add	*3.11*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.55*	
		For 2-3/8" Mesh Fabric, Deduct	*-2.07*	
		For 3/8" Non-Climbable Mesh, Add	*80.52*	
32 31 13 13-0202	LF	10' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	26.77	6.64
		For 1-1/4" Mesh Fabric, Add	*3.76*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*3.36*	
		For 13 Gauge Fabric, Deduct	*-6.05*	
		For 11 Gauge Fabric, Deduct	*-3.36*	
		For 6 Gauge Fabric, Add	*10.75*	
		For 1" Mesh Fabric, Add	*10.08*	
		For 1-1/4" Mesh Fabric, Add	*6.72*	
		For 1-3/4" Mesh Fabric, Add	*4.03*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.02*	
		For 2-3/8" Mesh Fabric, Deduct	*-2.69*	
		For 3/8" Non-Climbable Mesh, Add	*97.25*	
32 31 13 13-0203	LF	12' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	30.61	7.25
		For 1-1/4" Mesh Fabric, Add	*4.51*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*4.03*	
		For 13 Gauge Fabric, Deduct	*-7.25*	
		For 11 Gauge Fabric, Deduct	*-4.03*	
		For 6 Gauge Fabric, Add	*12.89*	
		For 1" Mesh Fabric, Add	*12.08*	
		For 1-1/4" Mesh Fabric, Add	*8.06*	
		For 1-3/4" Mesh Fabric, Add	*4.83*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.42*	
		For 2-3/8" Mesh Fabric, Deduct	*-3.22*	
		For 3/8" Non-Climbable Mesh, Add	*105.48*	
32 31 13 13-0204	LF	14' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	34.21	8.46
		For 1-1/4" Mesh Fabric, Add	*4.84*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*4.33*	
		For 13 Gauge Fabric, Deduct	*-7.79*	
		For 11 Gauge Fabric, Deduct	*-4.33*	
		For 6 Gauge Fabric, Add	*13.84*	
		For 1" Mesh Fabric, Add	*12.98*	
		For 1-1/4" Mesh Fabric, Add	*8.65*	
		For 1-3/4" Mesh Fabric, Add	*5.19*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.60*	
		For 2-3/8" Mesh Fabric, Deduct	*-3.46*	
		For 3/8" Non-Climbable Mesh, Add	*114.96*	
32 31 13 13-0205	LF	16' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	37.84	9.66
		For 1-1/4" Mesh Fabric, Add	*5.18*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*4.63*	
		For 13 Gauge Fabric, Deduct	*-8.33*	
		For 11 Gauge Fabric, Deduct	*-4.63*	
		For 6 Gauge Fabric, Add	*14.80*	
		For 1" Mesh Fabric, Add	*13.88*	
		For 1-1/4" Mesh Fabric, Add	*9.25*	
		For 1-3/4" Mesh Fabric, Add	*5.55*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.78*	
		For 2-3/8" Mesh Fabric, Deduct	*-3.70*	
		For 3/8" Non-Climbable Mesh, Add	*124.47*	

32 31 13 13-0206 Fabric, Vinyl Coated Chain Link *(32 31 13 13-0193)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0207	LF	4' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	15.89	2.42
		For 1-1/4" Mesh Fabric, Add	*1.91*	
		For 13 Gauge Fabric, Deduct	*-3.07*	
		For 11 Gauge Fabric, Deduct	*-1.71*	
		For 6 Gauge Fabric, Add	*5.46*	
		For 1" Mesh Fabric, Add	*5.12*	
		For 1-1/4" Mesh Fabric, Add	*3.42*	
		For 1-3/4" Mesh Fabric, Add	*2.05*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.02*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.37*	
		For 3/8" Non-Climbable Mesh, Add	*48.44*	
		For Aluminum Coated, Add	*2.73*	
32 31 13 13-0208	LF	5' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	18.19	3.62
		For 1-1/4" Mesh Fabric, Add	*2.39*	
		For 13 Gauge Fabric, Deduct	*-3.84*	
		For 11 Gauge Fabric, Deduct	*-2.13*	
		For 6 Gauge Fabric, Add	*6.82*	
		For 1" Mesh Fabric, Add	*6.40*	
		For 1-1/4" Mesh Fabric, Add	*4.27*	
		For 1-3/4" Mesh Fabric, Add	*2.56*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.28*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.71*	
		For 3/8" Non-Climbable Mesh, Add	*58.86*	
		For Aluminum Coated, Add	*3.41*	
32 31 13 13-0209	LF	6' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	22.33	4.23
		For 1-1/4" Mesh Fabric, Add	*3.35*	
		For 13 Gauge Fabric, Deduct	*-5.39*	
		For 11 Gauge Fabric, Deduct	*-2.99*	
		For 6 Gauge Fabric, Add	*9.58*	
		For 1" Mesh Fabric, Add	*8.98*	
		For 1-1/4" Mesh Fabric, Add	*5.99*	
		For 1-3/4" Mesh Fabric, Add	*3.59*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.80*	
		For 2-3/8" Mesh Fabric, Deduct	*-2.39*	
		For 3/8" Non-Climbable Mesh, Add	*69.38*	
		For Aluminum Coated, Add	*4.79*	
32 31 13 13-0210	LF	7' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	25.09	4.83
		For 1-1/4" Mesh Fabric, Add	*3.90*	
		For 13 Gauge Fabric, Deduct	*-6.27*	
		For 11 Gauge Fabric, Deduct	*-3.48*	
		For 6 Gauge Fabric, Add	*11.14*	
		For 1" Mesh Fabric, Add	*10.45*	
		For 1-1/4" Mesh Fabric, Add	*6.97*	
		For 1-3/4" Mesh Fabric, Add	*4.18*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.09*	
		For 2-3/8" Mesh Fabric, Deduct	*-2.79*	
		For 3/8" Non-Climbable Mesh, Add	*80.03*	
		For Aluminum Coated, Add	*5.57*	
32 31 13 13-0211	LF	8' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	28.12	6.04
		For 1-1/4" Mesh Fabric, Add	*4.49*	
		For 13 Gauge Fabric, Deduct	*-7.22*	
		For 11 Gauge Fabric, Deduct	*-4.01*	
		For 6 Gauge Fabric, Add	*12.83*	
		For 1" Mesh Fabric, Add	*12.03*	
		For 1-1/4" Mesh Fabric, Add	*8.02*	
		For 1-3/4" Mesh Fabric, Add	*4.81*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.41*	
		For 2-3/8" Mesh Fabric, Deduct	*-3.21*	
		For 3/8" Non-Climbable Mesh, Add	*90.79*	
		For Aluminum Coated, Add	*6.42*	
32 31 13 13-0212	LF	10' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	33.30	6.64
		For 1-1/4" Mesh Fabric, Add	*5.59*	
		For 13 Gauge Fabric, Deduct	*-8.99*	
		For 11 Gauge Fabric, Deduct	*-4.99*	
		For 6 Gauge Fabric, Add	*15.98*	
		For 1" Mesh Fabric, Add	*14.98*	
		For 1-1/4" Mesh Fabric, Add	*9.99*	
		For 1-3/4" Mesh Fabric, Add	*5.99*	
		For 2-1/8" Mesh Fabric, Deduct	*-3.00*	
		For 2-3/8" Mesh Fabric, Deduct	*-3.99*	
		For 3/8" Non-Climbable Mesh, Add	*109.84*	
		For Aluminum Coated, Add	*7.99*	
32 31 13 13-0213	LF	12' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	36.34	7.25
		For 1-1/4" Mesh Fabric, Add	*6.12*	
		For 13 Gauge Fabric, Deduct	*-9.83*	
		For 11 Gauge Fabric, Deduct	*-5.46*	
		For 6 Gauge Fabric, Add	*17.47*	
		For 1" Mesh Fabric, Add	*16.38*	
		For 1-1/4" Mesh Fabric, Add	*10.92*	
		For 1-3/4" Mesh Fabric, Add	*6.55*	
		For 2-1/8" Mesh Fabric, Deduct	*-3.28*	
		For 2-3/8" Mesh Fabric, Deduct	*-4.37*	
		For 3/8" Non-Climbable Mesh, Add	*119.12*	
		For Aluminum Coated, Add	*8.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0214	LF	14' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	40.95	8.46
		For 1-1/4" Mesh Fabric, Add	*6.73*	
		For 13 Gauge Fabric, Deduct	*-10.82*	
		For 11 Gauge Fabric, Deduct	*-6.01*	
		For 6 Gauge Fabric, Add	*19.23*	
		For 1" Mesh Fabric, Add	*18.03*	
		For 1-1/4" Mesh Fabric, Add	*12.02*	
		For 1-3/4" Mesh Fabric, Add	*7.21*	
		For 2-1/8" Mesh Fabric, Deduct	*-3.61*	
		For 2-3/8" Mesh Fabric, Deduct	*-4.81*	
		For 3/8" Non-Climbable Mesh, Add	*129.67*	
		For Aluminum Coated, Add	*9.62*	
32 31 13 13-0215	LF	16' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	45.69	9.66
		For 1-1/4" Mesh Fabric, Add	*7.38*	
		For 13 Gauge Fabric, Deduct	*-11.86*	
		For 11 Gauge Fabric, Deduct	*-6.59*	
		For 6 Gauge Fabric, Add	*21.08*	
		For 1" Mesh Fabric, Add	*19.76*	
		For 1-1/4" Mesh Fabric, Add	*13.18*	
		For 1-3/4" Mesh Fabric, Add	*7.91*	
		For 2-1/8" Mesh Fabric, Deduct	*-3.95*	
		For 2-3/8" Mesh Fabric, Deduct	*-5.27*	
		For 3/8" Non-Climbable Mesh, Add	*140.24*	
		For Aluminum Coated, Add	*10.54*	
32 31 13 13-0216		**Fabric, Aluminized Steel Chain Link** *(32 31 13 13-0193)*		
32 31 13 13-0217	LF	3' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	11.56	2.42
		For 6 Gauge Fabric, Add	*2.97*	
		For 1" Mesh Fabric, Add	*3.90*	
32 31 13 13-0218	LF	3'-6" Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	12.78	2.72
		For 6 Gauge Fabric, Add	*3.46*	
		For 1" Mesh Fabric, Add	*4.54*	
32 31 13 13-0219	LF	4' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	14.00	3.02
		For 6 Gauge Fabric, Add	*3.95*	
		For 1" Mesh Fabric, Add	*5.19*	
32 31 13 13-0220	LF	5' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	15.83	3.62
		For 6 Gauge Fabric, Add	*4.94*	
		For 1" Mesh Fabric, Add	*6.48*	
32 31 13 13-0221	LF	6' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	17.74	4.23
		For 6 Gauge Fabric, Add	*5.90*	
		For 1" Mesh Fabric, Add	*7.75*	
32 31 13 13-0222	LF	7' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	19.79	4.83
		For 6 Gauge Fabric, Add	*6.90*	
		For 1" Mesh Fabric, Add	*9.06*	
32 31 13 13-0223	LF	8' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	21.94	6.04
		For 6 Gauge Fabric, Add	*7.89*	
		For 1" Mesh Fabric, Add	*10.35*	
32 31 13 13-0224	LF	10' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	25.65	6.64
		For 6 Gauge Fabric, Add	*9.86*	
		For 1" Mesh Fabric, Add	*12.94*	
32 31 13 13-0225	LF	12' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	29.28	7.25
		For 6 Gauge Fabric, Add	*11.82*	
		For 1" Mesh Fabric, Add	*15.52*	
32 31 13 13-0226		**Fabric, All Aluminum Chain Link** *(32 31 13 13-0193)*		
32 31 13 13-0227	LF	3' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh	17.56	2.42
		For 6 Gauge Fabric, Add	*7.77*	
		For 1" Mesh Fabric, Add	*10.20*	
32 31 13 13-0228	LF	3'-6" Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh	19.79	2.72
		For 6 Gauge Fabric, Add	*9.06*	
		For 1" Mesh Fabric, Add	*11.90*	
32 31 13 13-0229	LF	4' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh	22.01	3.02
		For 6 Gauge Fabric, Add	*10.36*	
		For 1" Mesh Fabric, Add	*13.60*	
32 31 13 13-0230	LF	5' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh	25.85	3.62
		For 6 Gauge Fabric, Add	*12.95*	
		For 1" Mesh Fabric, Add	*17.00*	
32 31 13 13-0231	LF	6' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh	29.78	4.23
		For 6 Gauge Fabric, Add	*15.54*	
		For 1" Mesh Fabric, Add	*20.39*	
32 31 13 13-0232	LF	7' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh	33.82	4.83
		For 6 Gauge Fabric, Add	*18.13*	
		For 1" Mesh Fabric, Add	*23.79*	
32 31 13 13-0233	LF	8' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh	37.98	6.04
		For 6 Gauge Fabric, Add	*20.72*	
		For 1" Mesh Fabric, Add	*27.20*	
32 31 13 13-0234	LF	10' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh	45.70	6.64
		For 6 Gauge Fabric, Add	*25.90*	
		For 1" Mesh Fabric, Add	*33.99*	
32 31 13 13-0235	LF	12' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh	53.35	7.25
		For 6 Gauge Fabric, Add	*31.08*	
		For 1" Mesh Fabric, Add	*40.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0236		**Fence Inserts** *(32 31 13 13-0193)*		
		Note: For use with new or existing chain link fence, per lf of fence.		
32 31 13 13-0237		**Vinyl Plastic Fence Inserts** *(32 31 13 13-0236)*		
		Note: Assorted colors.		
32 31 13 13-0238	LF	3' High Fence, Vinyl Plastic Fence Insert	10.38	
32 31 13 13-0239	LF	3-1/2' High Fence, Vinyl Plastic Fence Insert	11.86	
32 31 13 13-0240	LF	4' High Fence, Vinyl Plastic Fence Insert	13.08	
32 31 13 13-0241	LF	5' High Fence, Vinyl Plastic Fence Insert	16.40	
32 31 13 13-0242	LF	6' High Fence, Vinyl Plastic Fence Insert	19.61	
32 31 13 13-0243	LF	7' High Fence, Vinyl Plastic Fence Insert	22.95	
32 31 13 13-0244	LF	8' High Fence, Vinyl Plastic Fence Insert	26.16	
32 31 13 13-0245	LF	10' High Fence, Vinyl Plastic Fence Insert	31.66	
32 31 13 13-0246		**Aluminum Fence Inserts** *(32 31 13 13-0236)*		
		Note: Assorted colors.		
32 31 13 13-0247	LF	3' High Fence, Aluminum Fence Insert	33.92	
32 31 13 13-0248	LF	3-1/2' High Fence, Aluminum Fence Insert	37.23	
32 31 13 13-0249	LF	4' High Fence, Aluminum Fence Insert	42.43	
32 31 13 13-0250	LF	5' High Fence, Aluminum Fence Insert	53.10	
32 31 13 13-0251	LF	6' High Fence, Aluminum Fence Insert	63.72	
32 31 13 13-0252	LF	7' High Fence, Aluminum Fence Insert	69.38	
32 31 13 13-0253	LF	8' High Fence, Aluminum Fence Insert	84.93	
32 31 13 13-0254	LF	10' High Fence, Aluminum Fence Insert	105.50	
32 31 13 13-0255		**Redwood Fence Inserts** *(32 31 13 13-0236)*		
32 31 13 13-0256	LF	4' High Fence, Redwood Fence Insert	15.60	
32 31 13 13-0257	LF	5' High Fence, Redwood Fence Insert	19.74	
32 31 13 13-0258	LF	6' High Fence, Redwood Fence Insert	23.71	
32 31 13 13-0259	LF	7' High Fence, Redwood Fence Insert	27.60	
32 31 13 13-0260	LF	8' High Fence, Redwood Fence Insert	31.58	
32 31 13 13-0261		**Diagonal Flexible Polyethylene Inserts** *(32 31 13 13-0236)*		
32 31 13 13-0262	SF	Diagonal Polyethylene Fence Weave	4.14	
32 31 13 13-0263		**Hedge Link Fence Inserts** *(32 31 13 13-0236)*		
32 31 13 13-0264	LF	3' High Fence, Hedge Link Fence Insert	21.96	
32 31 13 13-0265	LF	3-1/2' High Fence, Hedge Link Fence Insert	25.00	
32 31 13 13-0266	LF	4' High Fence, Hedge Link Fence Insert	29.36	
32 31 13 13-0267	LF	5' High Fence, Hedge Link Fence Insert	36.22	
32 31 13 13-0268	LF	6' High Fence, Hedge Link Fence Insert	41.49	
32 31 13 13-0269	LF	7' High Fence, Hedge Link Fence Insert	52.30	
32 31 13 13-0270	LF	8' High Fence, Hedge Link Fence Insert	59.41	
32 31 13 13-0271	LF	10' High Fence, Hedge Link Fence Insert	70.94	
32 31 13 13-0272	LF	12' High Fence, Hedge Link Fence Insert	81.36	
32 31 13 13-0273		**Fence Windscreen Fabric** *(32 31 13 13-0193)*		
		Note: Includes plastic wire clips.		
32 31 13 13-0274	SF	Vinyl Coated Polyester Windscreen For Fence, 7 Oz Per SY	1.41	0.65
		For Sewn Boxed Vent (Each), Add	*29.02*	
		For Welded Boxed Vent (Each), Add	*14.51*	
		For 4' x 4' One Color Logo (Each), Add	*604.58*	
32 31 13 13-0275		**Non-Climbable Fabric, Galvanized Chain Link** *(32 31 13 13-0193)*		
32 31 13 13-0276	LF	3' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	33.51	2.42
		For 11 Gauge, Deduct	*-5.13*	
		For 10 Gauge, Deduct	*-2.05*	
		For 7 Gauge, Add	*3.08*	
		For 6 Gauge, Add	*7.18*	
		For 1/2" Mesh Fabric, Deduct	*-1.28*	
		For 5/8" Mesh Fabric, Deduct	*-2.82*	
		For 3/4" Mesh Fabric, Deduct	*-4.11*	
32 31 13 13-0277	LF	3'-6" Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	38.39	2.72
		For 11 Gauge, Deduct	*-5.99*	
		For 10 Gauge, Deduct	*-2.39*	
		For 7 Gauge, Add	*3.59*	
		For 6 Gauge, Add	*8.38*	
		For 1/2" Mesh Fabric, Deduct	*-1.50*	
		For 5/8" Mesh Fabric, Deduct	*-3.29*	
		For 3/4" Mesh Fabric, Deduct	*-4.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0278	LF	4' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	43.30	3.02
		For 11 Gauge, Deduct	*-6.85*	
		For 10 Gauge, Deduct	*-2.74*	
		For 7 Gauge, Add	*4.11*	
		For 6 Gauge, Add	*9.59*	
		For 1/2" Mesh Fabric, Deduct	*-1.71*	
		For 5/8" Mesh Fabric, Deduct	*-3.77*	
		For 3/4" Mesh Fabric, Deduct	*-5.48*	
32 31 13 13-0279	LF	5' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	52.44	3.62
		For 11 Gauge, Deduct	*-8.56*	
		For 10 Gauge, Deduct	*-3.42*	
		For 7 Gauge, Add	*5.13*	
		For 6 Gauge, Add	*11.98*	
		For 1/2" Mesh Fabric, Deduct	*-2.14*	
		For 5/8" Mesh Fabric, Deduct	*-4.71*	
		For 3/4" Mesh Fabric, Deduct	*-6.84*	
32 31 13 13-0280	LF	6' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	61.68	4.23
		For 11 Gauge, Deduct	*-10.26*	
		For 10 Gauge, Deduct	*-4.11*	
		For 7 Gauge, Add	*6.16*	
		For 6 Gauge, Add	*14.37*	
		For 1/2" Mesh Fabric, Deduct	*-2.57*	
		For 5/8" Mesh Fabric, Deduct	*-5.65*	
		For 3/4" Mesh Fabric, Deduct	*-8.21*	
32 31 13 13-0281	LF	7' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	71.04	4.83
		For 11 Gauge, Deduct	*-11.98*	
		For 10 Gauge, Deduct	*-4.79*	
		For 7 Gauge, Add	*7.19*	
		For 6 Gauge, Add	*16.77*	
		For 1/2" Mesh Fabric, Deduct	*-2.99*	
		For 5/8" Mesh Fabric, Deduct	*-6.59*	
		For 3/4" Mesh Fabric, Deduct	*-9.58*	
32 31 13 13-0282	LF	8' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	80.52	6.04
		For 11 Gauge, Deduct	*-13.69*	
		For 10 Gauge, Deduct	*-5.48*	
		For 7 Gauge, Add	*8.21*	
		For 6 Gauge, Add	*19.16*	
		For 1/2" Mesh Fabric, Deduct	*-3.42*	
		For 5/8" Mesh Fabric, Deduct	*-7.53*	
		For 3/4" Mesh Fabric, Deduct	*-10.95*	
32 31 13 13-0283	LF	9' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	88.87	6.35
		For 11 Gauge, Deduct	*-15.24*	
		For 10 Gauge, Deduct	*-6.09*	
		For 7 Gauge, Add	*9.14*	
		For 6 Gauge, Add	*21.33*	
		For 1/2" Mesh Fabric, Deduct	*-3.81*	
		For 5/8" Mesh Fabric, Deduct	*-8.38*	
		For 3/4" Mesh Fabric, Deduct	*-12.19*	
32 31 13 13-0284	LF	10' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	97.25	6.64
		For 11 Gauge, Deduct	*-16.78*	
		For 10 Gauge, Deduct	*-6.71*	
		For 7 Gauge, Add	*10.07*	
		For 6 Gauge, Add	*23.50*	
		For 1/2" Mesh Fabric, Deduct	*-4.20*	
		For 5/8" Mesh Fabric, Deduct	*-9.23*	
		For 3/4" Mesh Fabric, Deduct	*-13.43*	
32 31 13 13-0285	LF	12' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	105.48	7.25
		For 11 Gauge, Deduct	*-18.20*	
		For 10 Gauge, Deduct	*-7.28*	
		For 7 Gauge, Add	*10.92*	
		For 6 Gauge, Add	*25.47*	
		For 1/2" Mesh Fabric, Deduct	*-4.55*	
		For 5/8" Mesh Fabric, Deduct	*-10.01*	
		For 3/4" Mesh Fabric, Deduct	*-14.56*	

32 31 13 13-0286 Gates *(32 31 13 13)*

Note: Posts exclude drilling or augering in soil or rock. For barbed wire attached directly to posts and gates, select gates and posts sizes for full finished height of gate above grade (top rail to be at lower height, includes barb wire at top area where mesh would be). See CSI section 32 31 13 13-0001 for drilling for augering holes and backfill.

32 31 13 13-0287 Galvanized Steel Without Barbed Wire *(32 31 13 13-0286)*

Note: Industrial swing gate. Includes posts (3" diameter posts for up to 6' wide gate, 4" diameter for > 6' To 12' wide, 6-5/8" diameter for >12' To 18' wide, 8-5/8" diameter for over 18' wide), 2" diameter schedule pipe frame, offset hinges, cap and hardware (drop rod, center locking device, gate keeper, catch bolt and tension bands). Fabric: galvanized chain link 2" mesh # 9 gauge, galvanized 1.2 ounce coating.

32 31 13 13-0288 4' Fence Height *(32 31 13 13-0287)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0289	EA	3' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	400.70	27.28
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-59.14*	
		For Aluminized Steel Gate And Post, Add	*151.40*	
		For Powder Coated Gate And Post, Add	*82.01*	
		For 1" Mesh Fabric, Add	*137.21*	
		For 1-1/4" Mesh Fabric, Add	*88.32*	
		For 1-3/4" Mesh Fabric, Add	*54.88*	
		For 2-1/8" Mesh Fabric, Deduct	*-27.44*	
		For 3' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*80.17*	
		For 3' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*116.45*	
32 31 13 13-0290	EA	4' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	505.84	28.42
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-78.86*	
		For Aluminized Steel Gate And Post, Add	*201.87*	
		For Powder Coated Gate And Post, Add	*109.35*	
		For 1" Mesh Fabric, Add	*182.94*	
		For 1-1/4" Mesh Fabric, Add	*117.76*	
		For 1-3/4" Mesh Fabric, Add	*73.18*	
		For 2-1/8" Mesh Fabric, Deduct	*-36.59*	
		For 4' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*95.60*	
		For 4' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*135.77*	
32 31 13 13-0291	EA	5' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	598.71	30.25
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-95.20*	
		For Aluminized Steel Gate And Post, Add	*243.72*	
		For Powder Coated Gate And Post, Add	*132.02*	
		For 1" Mesh Fabric, Add	*220.87*	
		For 1-1/4" Mesh Fabric, Add	*142.17*	
		For 1-3/4" Mesh Fabric, Add	*88.35*	
		For 2-1/8" Mesh Fabric, Deduct	*-44.17*	
		For 5' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*109.08*	
		For 5' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*152.26*	
32 31 13 13-0292	EA	6' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	704.11	36.39
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-111.55*	
		For Aluminized Steel Gate And Post, Add	*285.57*	
		For Powder Coated Gate And Post, Add	*154.68*	
		For 1" Mesh Fabric, Add	*258.80*	
		For 1-1/4" Mesh Fabric, Add	*166.58*	
		For 1-3/4" Mesh Fabric, Add	*103.52*	
		For 2-1/8" Mesh Fabric, Deduct	*-51.76*	
		For 6' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*122.54*	
		For 6' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*170.47*	
32 31 13 13-0293	EA	7' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	809.49	42.41
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-127.90*	
		For Aluminized Steel Gate And Post, Add	*327.42*	
		For Powder Coated Gate And Post, Add	*177.35*	
		For 1" Mesh Fabric, Add	*296.73*	
		For 1-1/4" Mesh Fabric, Add	*191.00*	
		For 1-3/4" Mesh Fabric, Add	*118.69*	
		For 2-1/8" Mesh Fabric, Deduct	*-59.35*	
		For 7' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*136.00*	
		For 7' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*187.81*	
32 31 13 13-0294	EA	8' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	918.45	48.43
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-144.92*	
		For Aluminized Steel Gate And Post, Add	*371.00*	
		For Powder Coated Gate And Post, Add	*200.96*	
		For 1" Mesh Fabric, Add	*336.22*	
		For 1-1/4" Mesh Fabric, Add	*216.41*	
		For 1-3/4" Mesh Fabric, Add	*134.49*	
		For 2-1/8" Mesh Fabric, Deduct	*-67.24*	
		For 8' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*149.88*	
		For 8' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*205.56*	
32 31 13 13-0295	EA	9' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	1,023.82	54.58
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-161.27*	
		For Aluminized Steel Gate And Post, Add	*412.85*	
		For Powder Coated Gate And Post, Add	*223.63*	
		For 1" Mesh Fabric, Add	*374.14*	
		For 1-1/4" Mesh Fabric, Add	*240.83*	
		For 1-3/4" Mesh Fabric, Add	*149.66*	
		For 2-1/8" Mesh Fabric, Deduct	*-74.83*	
		For 9' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*163.35*	
		For 9' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*222.92*	
32 31 13 13-0296	EA	10' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	1,130.74	60.60
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-177.91*	
		For Aluminized Steel Gate And Post, Add	*455.44*	
		For Powder Coated Gate And Post, Add	*246.70*	
		For 1" Mesh Fabric, Add	*412.74*	
		For 1-1/4" Mesh Fabric, Add	*265.67*	
		For 1-3/4" Mesh Fabric, Add	*165.10*	
		For 2-1/8" Mesh Fabric, Deduct	*-82.55*	
		For 10' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*176.99*	
		For 10' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*240.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0297	EA	10' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	1,443.60	60.60
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-236.57*	
		For Aluminized Steel Gate And Post, Add	*605.61*	
		For Powder Coated Gate And Post, Add	*328.04*	
		For 1" Mesh Fabric, Add	*548.83*	
		For 1-1/4" Mesh Fabric, Add	*353.27*	
		For 1-3/4" Mesh Fabric, Add	*219.53*	
		For 2-1/8" Mesh Fabric, Deduct	*-109.77*	
		For 10' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*245.22*	
		For 10' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*333.31*	
32 31 13 13-0298	EA	12' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	1,708.94	64.92
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-283.88*	
		For Aluminized Steel Gate And Post, Add	*726.73*	
		For Powder Coated Gate And Post, Add	*393.65*	
		For 1" Mesh Fabric, Add	*658.60*	
		For 1-1/4" Mesh Fabric, Add	*423.93*	
		For 1-3/4" Mesh Fabric, Add	*263.44*	
		For 2-1/8" Mesh Fabric, Deduct	*-131.72*	
		For 12' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*280.75*	
		For 12' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*376.59*	
32 31 13 13-0299	EA	14' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	1,976.27	69.93
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-331.19*	
		For Aluminized Steel Gate And Post, Add	*847.85*	
		For Powder Coated Gate And Post, Add	*459.25*	
		For 1" Mesh Fabric, Add	*768.37*	
		For 1-1/4" Mesh Fabric, Add	*494.58*	
		For 1-3/4" Mesh Fabric, Add	*307.35*	
		For 2-1/8" Mesh Fabric, Deduct	*-153.67*	
		For 14' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*316.27*	
		For 14' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*419.87*	
32 31 13 13-0300	EA	16' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	2,246.10	75.73
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-378.51*	
		For Aluminized Steel Gate And Post, Add	*968.98*	
		For Powder Coated Gate And Post, Add	*524.86*	
		For 1" Mesh Fabric, Add	*878.13*	
		For 1-1/4" Mesh Fabric, Add	*565.24*	
		For 1-3/4" Mesh Fabric, Add	*351.25*	
		For 2-1/8" Mesh Fabric, Deduct	*-175.63*	
		For 16' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*351.79*	
		For 16' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*463.16*	
32 31 13 13-0301	EA	18' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	2,549.02	92.51
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-425.82*	
		For Aluminized Steel Gate And Post, Add	*1,090.09*	
		For Powder Coated Gate And Post, Add	*590.47*	
		For 1" Mesh Fabric, Add	*987.90*	
		For 1-1/4" Mesh Fabric, Add	*635.89*	
		For 1-3/4" Mesh Fabric, Add	*395.16*	
		For 2-1/8" Mesh Fabric, Deduct	*-197.58*	
		For 18' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*387.29*	
		For 18' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*506.41*	
32 31 13 13-0302	EA	20' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	2,821.21	99.16
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-473.13*	
		For Aluminized Steel Gate And Post, Add	*1,211.22*	
		For Powder Coated Gate And Post, Add	*656.08*	
		For 1" Mesh Fabric, Add	*1,097.67*	
		For 1-1/4" Mesh Fabric, Add	*706.54*	
		For 1-3/4" Mesh Fabric, Add	*439.07*	
		For 2-1/8" Mesh Fabric, Deduct	*-219.53*	
		For 20' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*422.81*	
		For 20' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*549.70*	
32 31 13 13-0303	EA	22' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	3,090.31	106.85
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-519.29*	
		For Aluminized Steel Gate And Post, Add	*1,329.38*	
		For Powder Coated Gate And Post, Add	*720.08*	
		For 1" Mesh Fabric, Add	*1,204.75*	
		For 1-1/4" Mesh Fabric, Add	*775.47*	
		For 1-3/4" Mesh Fabric, Add	*481.90*	
		For 2-1/8" Mesh Fabric, Deduct	*-240.95*	
		For 22' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*491.48*	
		For 22' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*650.76*	
32 31 13 13-0304	EA	24' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	3,363.22	115.71
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-565.45*	
		For Aluminized Steel Gate And Post, Add	*1,447.55*	
		For Powder Coated Gate And Post, Add	*784.09*	
		For 1" Mesh Fabric, Add	*1,311.84*	
		For 1-1/4" Mesh Fabric, Add	*844.40*	
		For 1-3/4" Mesh Fabric, Add	*524.74*	
		For 2-1/8" Mesh Fabric, Deduct	*-262.37*	
		For 24' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*526.31*	
		For 24' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*693.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0305	EA	26' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	3,640.99	126.27
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-611.61*	
		For Aluminized Steel Gate And Post, Add	*1,565.72*	
		For Powder Coated Gate And Post, Add	*848.10*	
		For 1" Mesh Fabric, Add	*1,418.94*	
		For 1-1/4" Mesh Fabric, Add	*913.34*	
		For 1-3/4" Mesh Fabric, Add	*567.57*	
		For 2-1/8" Mesh Fabric, Deduct	*-283.79*	
		For 26' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*561.16*	
		For 26' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*735.97*	
32 31 13 13-0306	EA	28' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	3,832.76	138.90
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-640.46*	
		For Aluminized Steel Gate And Post, Add	*1,639.57*	
		For Powder Coated Gate And Post, Add	*888.10*	
		For 1" Mesh Fabric, Add	*1,485.86*	
		For 1-1/4" Mesh Fabric, Add	*956.42*	
		For 1-3/4" Mesh Fabric, Add	*594.35*	
		For 2-1/8" Mesh Fabric, Deduct	*-297.17*	
		For 28' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*585.84*	
		For 28' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*768.41*	
32 31 13 13-0307	EA	30' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	4,248.36	154.28
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-709.70*	
		For Aluminized Steel Gate And Post, Add	*1,816.82*	
		For Powder Coated Gate And Post, Add	*984.11*	
		For 1" Mesh Fabric, Add	*1,646.50*	
		For 1-1/4" Mesh Fabric, Add	*1,059.81*	
		For 1-3/4" Mesh Fabric, Add	*658.60*	
		For 2-1/8" Mesh Fabric, Deduct	*-329.30*	
		For 30' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*634.22*	
		For 30' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*824.55*	

32 31 13 13-0308 5' Fence Height *(32 31 13 13-0287)*

32 31 13 13-0309	EA	3' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	480.75	30.25
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-73.09*	
		For Aluminized Steel Gate And Post, Add	*187.10*	
		For Powder Coated Gate And Post, Add	*101.35*	
		For 1" Mesh Fabric, Add	*169.56*	
		For 1-1/4" Mesh Fabric, Add	*109.14*	
		For 1-3/4" Mesh Fabric, Add	*67.82*	
		For 2-1/8" Mesh Fabric, Deduct	*-33.91*	
		For 3' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*88.35*	
		For 3' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*124.63*	
32 31 13 13-0310	EA	4' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	608.97	30.25
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-97.13*	
		For Aluminized Steel Gate And Post, Add	*248.64*	
		For Powder Coated Gate And Post, Add	*134.68*	
		For 1" Mesh Fabric, Add	*225.33*	
		For 1-1/4" Mesh Fabric, Add	*145.04*	
		For 1-3/4" Mesh Fabric, Add	*90.13*	
		For 2-1/8" Mesh Fabric, Deduct	*-45.07*	
		For 4' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*106.32*	
		For 4' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*146.49*	
32 31 13 13-0311	EA	5' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	712.12	32.18
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-115.40*	
		For Aluminized Steel Gate And Post, Add	*295.42*	
		For Powder Coated Gate And Post, Add	*160.02*	
		For 1" Mesh Fabric, Add	*267.73*	
		For 1-1/4" Mesh Fabric, Add	*172.33*	
		For 1-3/4" Mesh Fabric, Add	*107.09*	
		For 2-1/8" Mesh Fabric, Deduct	*-53.55*	
		For 5' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*120.93*	
		For 5' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*164.11*	
32 31 13 13-0312	EA	6' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	834.02	38.66
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-134.63*	
		For Aluminized Steel Gate And Post, Add	*344.65*	
		For Powder Coated Gate And Post, Add	*186.69*	
		For 1" Mesh Fabric, Add	*312.34*	
		For 1-1/4" Mesh Fabric, Add	*201.05*	
		For 1-3/4" Mesh Fabric, Add	*124.94*	
		For 2-1/8" Mesh Fabric, Deduct	*-62.47*	
		For 6' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*136.08*	
		For 6' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*184.01*	
32 31 13 13-0313	EA	7' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	945.65	45.03
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-151.94*	
		For Aluminized Steel Gate And Post, Add	*388.97*	
		For Powder Coated Gate And Post, Add	*210.69*	
		For 1" Mesh Fabric, Add	*352.50*	
		For 1-1/4" Mesh Fabric, Add	*226.90*	
		For 1-3/4" Mesh Fabric, Add	*141.00*	
		For 2-1/8" Mesh Fabric, Deduct	*-70.50*	
		For 7' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*150.11*	
		For 7' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*201.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0314	EA	8' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	1,068.71	51.85
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-171.17*	
		For Aluminized Steel Gate And Post, Add	*438.21*	
		For Powder Coated Gate And Post, Add	*237.36*	
		For 1" Mesh Fabric, Add	*397.12*	
		For 1-1/4" Mesh Fabric, Add	*255.62*	
		For 1-3/4" Mesh Fabric, Add	*158.85*	
		For 2-1/8" Mesh Fabric, Deduct	*-79.42*	
		For 8' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*165.28*	
		For 8' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*220.96*	
32 31 13 13-0315	EA	9' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	1,185.47	58.33
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-189.44*	
		For Aluminized Steel Gate And Post, Add	*484.98*	
		For Powder Coated Gate And Post, Add	*262.70*	
		For 1" Mesh Fabric, Add	*439.51*	
		For 1-1/4" Mesh Fabric, Add	*282.90*	
		For 1-3/4" Mesh Fabric, Add	*175.80*	
		For 2-1/8" Mesh Fabric, Deduct	*-87.90*	
		For 9' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*179.88*	
		For 9' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*239.45*	
32 31 13 13-0316	EA	10' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	1,302.24	64.70
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-207.72*	
		For Aluminized Steel Gate And Post, Add	*531.75*	
		For Powder Coated Gate And Post, Add	*288.03*	
		For 1" Mesh Fabric, Add	*481.90*	
		For 1-1/4" Mesh Fabric, Add	*310.19*	
		For 1-3/4" Mesh Fabric, Add	*192.76*	
		For 2-1/8" Mesh Fabric, Deduct	*-96.38*	
		For 10' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*194.48*	
		For 10' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*257.92*	
32 31 13 13-0317	EA	10' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	1,758.18	64.92
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-293.11*	
		For Aluminized Steel Gate And Post, Add	*750.36*	
		For Powder Coated Gate And Post, Add	*406.45*	
		For 1" Mesh Fabric, Add	*680.02*	
		For 1-1/4" Mesh Fabric, Add	*437.71*	
		For 1-3/4" Mesh Fabric, Add	*272.01*	
		For 2-1/8" Mesh Fabric, Deduct	*-136.00*	
		For 10' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*278.40*	
		For 10' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*366.49*	
32 31 13 13-0318	EA	12' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	2,087.05	69.93
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-351.96*	
		For Aluminized Steel Gate And Post, Add	*901.03*	
		For Powder Coated Gate And Post, Add	*488.06*	
		For 1" Mesh Fabric, Add	*816.56*	
		For 1-1/4" Mesh Fabric, Add	*525.60*	
		For 1-3/4" Mesh Fabric, Add	*326.62*	
		For 2-1/8" Mesh Fabric, Deduct	*-163.31*	
		For 12' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*320.70*	
		For 12' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*416.54*	
32 31 13 13-0319	EA	14' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	2,418.42	75.73
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-410.82*	
		For Aluminized Steel Gate And Post, Add	*1,051.69*	
		For Powder Coated Gate And Post, Add	*569.67*	
		For 1" Mesh Fabric, Add	*953.09*	
		For 1-1/4" Mesh Fabric, Add	*613.49*	
		For 1-3/4" Mesh Fabric, Add	*381.24*	
		For 2-1/8" Mesh Fabric, Deduct	*-190.62*	
		For 14' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*362.98*	
		For 14' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*466.58*	
32 31 13 13-0320	EA	16' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	2,782.90	92.51
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-469.67*	
		For Aluminized Steel Gate And Post, Add	*1,202.36*	
		For Powder Coated Gate And Post, Add	*651.28*	
		For 1" Mesh Fabric, Add	*1,089.64*	
		For 1-1/4" Mesh Fabric, Add	*701.37*	
		For 1-3/4" Mesh Fabric, Add	*435.85*	
		For 2-1/8" Mesh Fabric, Deduct	*-217.93*	
		For 16' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*405.27*	
		For 16' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*516.64*	
32 31 13 13-0321	EA	18' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	3,110.47	99.16
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-527.37*	
		For Aluminized Steel Gate And Post, Add	*1,350.06*	
		For Powder Coated Gate And Post, Add	*731.28*	
		For 1" Mesh Fabric, Add	*1,223.49*	
		For 1-1/4" Mesh Fabric, Add	*787.54*	
		For 1-3/4" Mesh Fabric, Add	*489.40*	
		For 2-1/8" Mesh Fabric, Deduct	*-244.70*	
		For 18' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*446.87*	
		For 18' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*565.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0322	EA	20' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	3,453.43	106.85
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-587.38*	
		For Aluminized Steel Gate And Post, Add	*1,503.68*	
		For Powder Coated Gate And Post, Add	*814.49*	
		For 1" Mesh Fabric, Add	*1,362.71*	
		For 1-1/4" Mesh Fabric, Add	*877.15*	
		For 1-3/4" Mesh Fabric, Add	*545.08*	
		For 2-1/8" Mesh Fabric, Deduct	*-272.54*	
		For 20' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*489.83*	
		For 20' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*616.72*	
32 31 13 13-0323	EA	22' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	3,794.04	115.71
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-646.23*	
		For Aluminized Steel Gate And Post, Add	*1,654.34*	
		For Powder Coated Gate And Post, Add	*896.10*	
		For 1" Mesh Fabric, Add	*1,499.25*	
		For 1-1/4" Mesh Fabric, Add	*965.03*	
		For 1-3/4" Mesh Fabric, Add	*599.70*	
		For 2-1/8" Mesh Fabric, Deduct	*-299.85*	
		For 22' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*565.95*	
		For 22' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*725.23*	
32 31 13 13-0324	EA	24' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	4,133.35	126.27
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-703.93*	
		For Aluminized Steel Gate And Post, Add	*1,802.05*	
		For Powder Coated Gate And Post, Add	*976.11*	
		For 1" Mesh Fabric, Add	*1,633.11*	
		For 1-1/4" Mesh Fabric, Add	*1,051.20*	
		For 1-3/4" Mesh Fabric, Add	*653.24*	
		For 2-1/8" Mesh Fabric, Deduct	*-326.62*	
		For 24' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*607.55*	
		For 24' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*774.61*	
32 31 13 13-0325	EA	26' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	4,491.30	138.90
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-763.94*	
		For Aluminized Steel Gate And Post, Add	*1,955.67*	
		For Powder Coated Gate And Post, Add	*1,059.32*	
		For 1" Mesh Fabric, Add	*1,772.33*	
		For 1-1/4" Mesh Fabric, Add	*1,140.81*	
		For 1-3/4" Mesh Fabric, Add	*708.93*	
		For 2-1/8" Mesh Fabric, Deduct	*-354.47*	
		For 26' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*650.53*	
		For 26' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*825.34*	
32 31 13 13-0326	EA	28' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	4,847.63	154.28
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-822.06*	
		For Aluminized Steel Gate And Post, Add	*2,104.47*	
		For Powder Coated Gate And Post, Add	*1,139.92*	
		For 1" Mesh Fabric, Add	*1,907.18*	
		For 1-1/4" Mesh Fabric, Add	*1,227.61*	
		For 1-3/4" Mesh Fabric, Add	*762.87*	
		For 2-1/8" Mesh Fabric, Deduct	*-381.44*	
		For 28' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*692.38*	
		For 28' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*874.95*	
32 31 13 13-0327	EA	30' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	5,210.99	173.56
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-879.33*	
		For Aluminized Steel Gate And Post, Add	*2,251.09*	
		For Powder Coated Gate And Post, Add	*1,219.34*	
		For 1" Mesh Fabric, Add	*2,040.05*	
		For 1-1/4" Mesh Fabric, Add	*1,313.14*	
		For 1-3/4" Mesh Fabric, Add	*816.02*	
		For 2-1/8" Mesh Fabric, Deduct	*-408.01*	
		For 30' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*733.73*	
		For 30' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*924.06*	
32 31 13 13-0328		6' Fence Height *(32 31 13 13-0287)*		
32 31 13 13-0329	EA	3' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	515.45	32.40
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-78.38*	
		For Aluminized Steel Gate And Post, Add	*200.64*	
		For Powder Coated Gate And Post, Add	*108.68*	
		For 1" Mesh Fabric, Add	*181.83*	
		For 1-1/4" Mesh Fabric, Add	*117.04*	
		For 1-3/4" Mesh Fabric, Add	*72.73*	
		For 2-1/8" Mesh Fabric, Deduct	*-36.37*	
		For 3' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*91.45*	
		For 3' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*127.73*	
32 31 13 13-0330	EA	4' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	653.92	32.40
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-104.34*	
		For Aluminized Steel Gate And Post, Add	*267.11*	
		For Powder Coated Gate And Post, Add	*144.68*	
		For 1" Mesh Fabric, Add	*242.06*	
		For 1-1/4" Mesh Fabric, Add	*155.81*	
		For 1-3/4" Mesh Fabric, Add	*96.83*	
		For 2-1/8" Mesh Fabric, Deduct	*-48.41*	
		For 4' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*110.55*	
		For 4' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*150.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0331	EA	5' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	765.86	34.46
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-124.20*	
		For Aluminized Steel Gate And Post, Add	*317.94*	
		For Powder Coated Gate And Post, Add	*172.22*	
		For 1" Mesh Fabric, Add	*288.14*	
		For 1-1/4" Mesh Fabric, Add	*185.47*	
		For 1-3/4" Mesh Fabric, Add	*115.25*	
		For 2-1/8" Mesh Fabric, Deduct	*-57.63*	
		For 5' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*126.09*	
		For 5' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*169.27*	
32 31 13 13-0332	EA	6' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	889.26	41.62
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-143.29*	
		For Aluminized Steel Gate And Post, Add	*366.81*	
		For Powder Coated Gate And Post, Add	*198.69*	
		For 1" Mesh Fabric, Add	*332.42*	
		For 1-1/4" Mesh Fabric, Add	*213.97*	
		For 1-3/4" Mesh Fabric, Add	*132.97*	
		For 2-1/8" Mesh Fabric, Deduct	*-66.48*	
		For 6' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*141.16*	
		For 6' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*189.09*	
32 31 13 13-0333	EA	7' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	1,018.56	48.89
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-163.48*	
		For Aluminized Steel Gate And Post, Add	*418.51*	
		For Powder Coated Gate And Post, Add	*226.69*	
		For 1" Mesh Fabric, Add	*379.28*	
		For 1-1/4" Mesh Fabric, Add	*244.13*	
		For 1-3/4" Mesh Fabric, Add	*151.71*	
		For 2-1/8" Mesh Fabric, Deduct	*-75.86*	
		For 7' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*156.88*	
		For 7' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*208.69*	
32 31 13 13-0334	EA	8' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	1,141.61	55.72
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-182.71*	
		For Aluminized Steel Gate And Post, Add	*467.75*	
		For Powder Coated Gate And Post, Add	*253.36*	
		For 1" Mesh Fabric, Add	*423.89*	
		For 1-1/4" Mesh Fabric, Add	*272.85*	
		For 1-3/4" Mesh Fabric, Add	*169.56*	
		For 2-1/8" Mesh Fabric, Deduct	*-84.78*	
		For 8' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*172.05*	
		For 8' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*227.73*	
32 31 13 13-0335	EA	9' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	1,265.79	62.88
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-201.95*	
		For Aluminized Steel Gate And Post, Add	*516.98*	
		For Powder Coated Gate And Post, Add	*280.03*	
		For 1" Mesh Fabric, Add	*468.52*	
		For 1-1/4" Mesh Fabric, Add	*301.57*	
		For 1-3/4" Mesh Fabric, Add	*187.41*	
		For 2-1/8" Mesh Fabric, Deduct	*-93.70*	
		For 9' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*187.22*	
		For 9' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*246.79*	
32 31 13 13-0336	EA	10' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	1,343.80	70.04
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-212.52*	
		For Aluminized Steel Gate And Post, Add	*544.06*	
		For Powder Coated Gate And Post, Add	*294.70*	
		For 1" Mesh Fabric, Add	*493.06*	
		For 1-1/4" Mesh Fabric, Add	*317.37*	
		For 1-3/4" Mesh Fabric, Add	*197.22*	
		For 2-1/8" Mesh Fabric, Deduct	*-98.61*	
		For 10' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*197.30*	
		For 10' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*260.74*	
32 31 13 13-0337	EA	10' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	1,877.80	69.93
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-312.73*	
		For Aluminized Steel Gate And Post, Add	*800.59*	
		For Powder Coated Gate And Post, Add	*433.65*	
		For 1" Mesh Fabric, Add	*725.53*	
		For 1-1/4" Mesh Fabric, Add	*467.01*	
		For 1-3/4" Mesh Fabric, Add	*290.21*	
		For 2-1/8" Mesh Fabric, Deduct	*-145.11*	
		For 10' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*289.91*	
		For 10' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*378.00*	
32 31 13 13-0338	EA	12' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	2,227.63	75.73
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-375.04*	
		For Aluminized Steel Gate And Post, Add	*960.11*	
		For Powder Coated Gate And Post, Add	*520.06*	
		For 1" Mesh Fabric, Add	*870.10*	
		For 1-1/4" Mesh Fabric, Add	*560.06*	
		For 1-3/4" Mesh Fabric, Add	*348.04*	
		For 2-1/8" Mesh Fabric, Deduct	*-174.02*	
		For 12' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*334.24*	
		For 12' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*430.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0339	EA	14' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	2,636.57	99.16
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-438.51*	
		For Aluminized Steel Gate And Post, Add	*1,122.59*	
		For Powder Coated Gate And Post, Add	*608.07*	
		For 1" Mesh Fabric, Add	*1,017.35*	
		For 1-1/4" Mesh Fabric, Add	*654.84*	
		For 1-3/4" Mesh Fabric, Add	*406.94*	
		For 2-1/8" Mesh Fabric, Deduct	*-203.47*	
		For 14' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*379.23*	
		For 14' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*482.83*	
32 31 13 13-0340	EA	16' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	2,991.84	106.85
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-500.83*	
		For Aluminized Steel Gate And Post, Add	*1,282.12*	
		For Powder Coated Gate And Post, Add	*694.48*	
		For 1" Mesh Fabric, Add	*1,161.92*	
		For 1-1/4" Mesh Fabric, Add	*747.90*	
		For 1-3/4" Mesh Fabric, Add	*464.77*	
		For 2-1/8" Mesh Fabric, Deduct	*-232.38*	
		For 16' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*423.55*	
		For 16' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*534.92*	
32 31 13 13-0341	EA	18' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	3,357.07	115.71
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-564.30*	
		For Aluminized Steel Gate And Post, Add	*1,444.60*	
		For Powder Coated Gate And Post, Add	*782.49*	
		For 1" Mesh Fabric, Add	*1,309.17*	
		For 1-1/4" Mesh Fabric, Add	*842.68*	
		For 1-3/4" Mesh Fabric, Add	*523.67*	
		For 2-1/8" Mesh Fabric, Deduct	*-261.83*	
		For 18' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*468.53*	
		For 18' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*587.65*	
32 31 13 13-0342	EA	20' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	3,727.15	126.27
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-627.77*	
		For Aluminized Steel Gate And Post, Add	*1,607.08*	
		For Powder Coated Gate And Post, Add	*870.50*	
		For 1" Mesh Fabric, Add	*1,456.41*	
		For 1-1/4" Mesh Fabric, Add	*937.46*	
		For 1-3/4" Mesh Fabric, Add	*582.57*	
		For 2-1/8" Mesh Fabric, Deduct	*-291.28*	
		For 20' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*513.53*	
		For 20' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*640.42*	
32 31 13 13-0343	EA	22' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	4,097.41	138.90
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-690.08*	
		For Aluminized Steel Gate And Post, Add	*1,766.61*	
		For Powder Coated Gate And Post, Add	*956.91*	
		For 1" Mesh Fabric, Add	*1,600.99*	
		For 1-1/4" Mesh Fabric, Add	*1,030.52*	
		For 1-3/4" Mesh Fabric, Add	*640.39*	
		For 2-1/8" Mesh Fabric, Deduct	*-320.20*	
		For 22' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*591.68*	
		For 22' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*750.96*	
32 31 13 13-0344	EA	24' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	4,479.16	154.28
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-752.97*	
		For Aluminized Steel Gate And Post, Add	*1,927.61*	
		For Powder Coated Gate And Post, Add	*1,044.12*	
		For 1" Mesh Fabric, Add	*1,746.89*	
		For 1-1/4" Mesh Fabric, Add	*1,124.44*	
		For 1-3/4" Mesh Fabric, Add	*698.76*	
		For 2-1/8" Mesh Fabric, Deduct	*-349.38*	
		For 24' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*636.32*	
		For 24' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*803.38*	
32 31 13 13-0345	EA	26' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	4,868.80	173.56
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-815.17*	
		For Aluminized Steel Gate And Post, Add	*2,086.84*	
		For Powder Coated Gate And Post, Add	*1,130.37*	
		For 1" Mesh Fabric, Add	*1,891.20*	
		For 1-1/4" Mesh Fabric, Add	*1,217.32*	
		For 1-3/4" Mesh Fabric, Add	*756.48*	
		For 2-1/8" Mesh Fabric, Deduct	*-378.24*	
		For 26' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*680.58*	
		For 26' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*855.39*	
32 31 13 13-0346	EA	28' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	5,279.30	198.33
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-878.18*	
		For Aluminized Steel Gate And Post, Add	*2,248.14*	
		For Powder Coated Gate And Post, Add	*1,217.74*	
		For 1" Mesh Fabric, Add	*2,037.37*	
		For 1-1/4" Mesh Fabric, Add	*1,311.41*	
		For 1-3/4" Mesh Fabric, Add	*814.95*	
		For 2-1/8" Mesh Fabric, Deduct	*-407.47*	
		For 28' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*725.30*	
		For 28' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*907.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0347	EA	30' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	5,715.24	231.43
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-941.30*	
		For Aluminized Steel Gate And Post, Add	*2,409.73*	
		For Powder Coated Gate And Post, Add	*1,305.27*	
		For 1" Mesh Fabric, Add	*2,183.82*	
		For 1-1/4" Mesh Fabric, Add	*1,405.68*	
		For 1-3/4" Mesh Fabric, Add	*873.53*	
		For 2-1/8" Mesh Fabric, Deduct	*-436.76*	
		For 30' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*770.09*	
		For 30' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*960.42*	
32 31 13 13-0348		**7' Fence Height** *(32 31 13 13-0287)*		
32 31 13 13-0349	EA	3' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	540.91	34.91
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-81.74*	
		For Aluminized Steel Gate And Post, Add	*209.26*	
		For Powder Coated Gate And Post, Add	*113.35*	
		For 1" Mesh Fabric, Add	*189.64*	
		For 1-1/4" Mesh Fabric, Add	*122.07*	
		For 1-3/4" Mesh Fabric, Add	*75.86*	
		For 2-1/8" Mesh Fabric, Deduct	*-37.93*	
		For 3' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*93.42*	
		For 3' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*129.70*	
32 31 13 13-0350	EA	4' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	684.51	34.91
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-108.67*	
		For Aluminized Steel Gate And Post, Add	*278.18*	
		For Powder Coated Gate And Post, Add	*150.68*	
		For 1" Mesh Fabric, Add	*252.10*	
		For 1-1/4" Mesh Fabric, Add	*162.27*	
		For 1-3/4" Mesh Fabric, Add	*100.84*	
		For 2-1/8" Mesh Fabric, Deduct	*-50.42*	
		For 4' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*113.09*	
		For 4' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*153.26*	
32 31 13 13-0351	EA	5' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	806.16	36.72
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-130.48*	
		For Aluminized Steel Gate And Post, Add	*334.02*	
		For Powder Coated Gate And Post, Add	*180.93*	
		For 1" Mesh Fabric, Add	*302.71*	
		For 1-1/4" Mesh Fabric, Add	*194.85*	
		For 1-3/4" Mesh Fabric, Add	*121.08*	
		For 2-1/8" Mesh Fabric, Deduct	*-60.54*	
		For 5' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*129.78*	
		For 5' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*172.96*	
32 31 13 13-0352	EA	6' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	988.00	44.69
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-160.10*	
		For Aluminized Steel Gate And Post, Add	*409.84*	
		For Powder Coated Gate And Post, Add	*222.00*	
		For 1" Mesh Fabric, Add	*371.42*	
		For 1-1/4" Mesh Fabric, Add	*239.08*	
		For 1-3/4" Mesh Fabric, Add	*148.57*	
		For 2-1/8" Mesh Fabric, Deduct	*-74.28*	
		For 6' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*151.02*	
		For 6' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*198.95*	
32 31 13 13-0353	EA	7' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	1,168.77	52.30
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-189.72*	
		For Aluminized Steel Gate And Post, Add	*485.69*	
		For Powder Coated Gate And Post, Add	*263.08*	
		For 1" Mesh Fabric, Add	*440.16*	
		For 1-1/4" Mesh Fabric, Add	*283.32*	
		For 1-3/4" Mesh Fabric, Add	*176.06*	
		For 2-1/8" Mesh Fabric, Deduct	*-88.03*	
		For 7' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*172.27*	
		For 7' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*224.08*	
32 31 13 13-0354	EA	8' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	1,350.62	60.15
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-219.34*	
		For Aluminized Steel Gate And Post, Add	*561.52*	
		For Powder Coated Gate And Post, Add	*304.16*	
		For 1" Mesh Fabric, Add	*508.88*	
		For 1-1/4" Mesh Fabric, Add	*327.55*	
		For 1-3/4" Mesh Fabric, Add	*203.55*	
		For 2-1/8" Mesh Fabric, Deduct	*-101.78*	
		For 8' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*193.54*	
		For 8' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*249.22*	
32 31 13 13-0355	EA	9' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	1,531.37	67.76
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-248.97*	
		For Aluminized Steel Gate And Post, Add	*637.37*	
		For Powder Coated Gate And Post, Add	*345.24*	
		For 1" Mesh Fabric, Add	*577.61*	
		For 1-1/4" Mesh Fabric, Add	*371.80*	
		For 1-3/4" Mesh Fabric, Add	*231.05*	
		For 2-1/8" Mesh Fabric, Deduct	*-115.52*	
		For 9' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*214.80*	
		For 9' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*274.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0356	EA	10' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	1,684.75	75.73
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-273.25*	
		For Aluminized Steel Gate And Post, Add	*699.53*	
		For Powder Coated Gate And Post, Add	*378.91*	
		For 1" Mesh Fabric, Add	*633.95*	
		For 1-1/4" Mesh Fabric, Add	*408.06*	
		For 1-3/4" Mesh Fabric, Add	*253.58*	
		For 2-1/8" Mesh Fabric, Deduct	*-126.79*	
		For 10' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*232.93*	
		For 10' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*296.37*	
32 31 13 13-0357	EA	10' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	2,140.35	75.73
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-358.68*	
		For Aluminized Steel Gate And Post, Add	*918.22*	
		For Powder Coated Gate And Post, Add	*497.37*	
		For 1" Mesh Fabric, Add	*832.13*	
		For 1-1/4" Mesh Fabric, Add	*535.63*	
		For 1-3/4" Mesh Fabric, Add	*332.85*	
		For 2-1/8" Mesh Fabric, Deduct	*-166.43*	
		For 10' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*316.86*	
		For 10' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*404.95*	
32 31 13 13-0358	EA	12' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	2,424.89	99.16
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-398.82*	
		For Aluminized Steel Gate And Post, Add	*1,020.98*	
		For Powder Coated Gate And Post, Add	*553.03*	
		For 1" Mesh Fabric, Add	*925.27*	
		For 1-1/4" Mesh Fabric, Add	*595.57*	
		For 1-3/4" Mesh Fabric, Add	*370.11*	
		For 2-1/8" Mesh Fabric, Deduct	*-185.05*	
		For 12' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*348.19*	
		For 12' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*444.03*	
32 31 13 13-0359	EA	14' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	2,802.32	106.85
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-465.29*	
		For Aluminized Steel Gate And Post, Add	*1,191.15*	
		For Powder Coated Gate And Post, Add	*645.21*	
		For 1" Mesh Fabric, Add	*1,079.48*	
		For 1-1/4" Mesh Fabric, Add	*694.84*	
		For 1-3/4" Mesh Fabric, Add	*431.79*	
		For 2-1/8" Mesh Fabric, Deduct	*-215.90*	
		For 14' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*394.94*	
		For 14' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*498.54*	
32 31 13 13-0360	EA	16' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	3,153.97	115.71
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-526.22*	
		For Aluminized Steel Gate And Post, Add	*1,347.11*	
		For Powder Coated Gate And Post, Add	*729.68*	
		For 1" Mesh Fabric, Add	*1,220.82*	
		For 1-1/4" Mesh Fabric, Add	*785.81*	
		For 1-3/4" Mesh Fabric, Add	*488.33*	
		For 2-1/8" Mesh Fabric, Deduct	*-244.16*	
		For 16' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*438.44*	
		For 16' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*549.81*	
32 31 13 13-0361	EA	18' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	3,542.51	126.27
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-593.15*	
		For Aluminized Steel Gate And Post, Add	*1,518.45*	
		For Powder Coated Gate And Post, Add	*822.49*	
		For 1" Mesh Fabric, Add	*1,376.10*	
		For 1-1/4" Mesh Fabric, Add	*885.76*	
		For 1-3/4" Mesh Fabric, Add	*550.44*	
		For 2-1/8" Mesh Fabric, Deduct	*-275.22*	
		For 18' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*485.46*	
		For 18' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*604.58*	
32 31 13 13-0362	EA	20' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	3,931.23	138.90
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-658.92*	
		For Aluminized Steel Gate And Post, Add	*1,686.84*	
		For Powder Coated Gate And Post, Add	*913.71*	
		For 1" Mesh Fabric, Add	*1,528.70*	
		For 1-1/4" Mesh Fabric, Add	*983.99*	
		For 1-3/4" Mesh Fabric, Add	*611.48*	
		For 2-1/8" Mesh Fabric, Deduct	*-305.74*	
		For 20' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*531.81*	
		For 20' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*658.70*	
32 31 13 13-0363	EA	22' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	4,328.37	154.28
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-724.70*	
		For Aluminized Steel Gate And Post, Add	*1,855.23*	
		For Powder Coated Gate And Post, Add	*1,004.92*	
		For 1" Mesh Fabric, Add	*1,681.30*	
		For 1-1/4" Mesh Fabric, Add	*1,082.22*	
		For 1-3/4" Mesh Fabric, Add	*672.52*	
		For 2-1/8" Mesh Fabric, Deduct	*-336.26*	
		For 22' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*611.99*	
		For 22' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*771.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0364	EA	24' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	4,737.09	173.56
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-790.48*	
		For Aluminized Steel Gate And Post, Add	*2,023.62*	
		For Powder Coated Gate And Post, Add	*1,096.13*	
		For 1" Mesh Fabric, Add	*1,833.90*	
		For 1-1/4" Mesh Fabric, Add	*1,180.44*	
		For 1-3/4" Mesh Fabric, Add	*733.56*	
		For 2-1/8" Mesh Fabric, Deduct	*-366.78*	
		For 24' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*658.33*	
		For 24' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*825.39*	
32 31 13 13-0365	EA	26' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	5,162.36	198.33
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-856.25*	
		For Aluminized Steel Gate And Post, Add	*2,192.01*	
		For Powder Coated Gate And Post, Add	*1,187.34*	
		For 1" Mesh Fabric, Add	*1,986.51*	
		For 1-1/4" Mesh Fabric, Add	*1,278.67*	
		For 1-3/4" Mesh Fabric, Add	*794.60*	
		For 2-1/8" Mesh Fabric, Deduct	*-397.30*	
		For 26' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*704.68*	
		For 26' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*879.49*	
32 31 13 13-0366	EA	28' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	5,612.46	231.43
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-922.03*	
		For Aluminized Steel Gate And Post, Add	*2,360.40*	
		For Powder Coated Gate And Post, Add	*1,278.55*	
		For 1" Mesh Fabric, Add	*2,139.11*	
		For 1-1/4" Mesh Fabric, Add	*1,376.90*	
		For 1-3/4" Mesh Fabric, Add	*855.64*	
		For 2-1/8" Mesh Fabric, Deduct	*-427.82*	
		For 28' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*751.02*	
		For 28' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*933.59*	
32 31 13 13-0367	EA	30' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	6,102.27	277.69
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-987.81*	
		For Aluminized Steel Gate And Post, Add	*2,528.78*	
		For Powder Coated Gate And Post, Add	*1,369.76*	
		For 1" Mesh Fabric, Add	*2,291.71*	
		For 1-1/4" Mesh Fabric, Add	*1,475.12*	
		For 1-3/4" Mesh Fabric, Add	*916.68*	
		For 2-1/8" Mesh Fabric, Deduct	*-458.34*	
		For 30' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*797.37*	
		For 30' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*987.70*	

32 31 13 13-0368 8' Fence Height *(32 31 13 13-0287)*

32 31 13 13-0369	EA	3' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	634.35	37.86
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-97.62*	
		For Aluminized Steel Gate And Post, Add	*249.91*	
		For Powder Coated Gate And Post, Add	*135.37*	
		For 1" Mesh Fabric, Add	*226.48*	
		For 1-1/4" Mesh Fabric, Add	*145.78*	
		For 1-3/4" Mesh Fabric, Add	*90.59*	
		For 2-1/8" Mesh Fabric, Deduct	*-45.30*	
		For 3' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*102.74*	
		For 3' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*139.02*	
32 31 13 13-0370	EA	4' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	807.90	37.86
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-130.16*	
		For Aluminized Steel Gate And Post, Add	*333.22*	
		For Powder Coated Gate And Post, Add	*180.49*	
		For 1" Mesh Fabric, Add	*301.98*	
		For 1-1/4" Mesh Fabric, Add	*194.38*	
		For 1-3/4" Mesh Fabric, Add	*120.79*	
		For 2-1/8" Mesh Fabric, Deduct	*-60.40*	
		For 4' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*125.70*	
		For 4' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*165.87*	
32 31 13 13-0371	EA	5' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	943.23	42.18
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-153.08*	
		For Aluminized Steel Gate And Post, Add	*391.90*	
		For Powder Coated Gate And Post, Add	*212.28*	
		For 1" Mesh Fabric, Add	*355.16*	
		For 1-1/4" Mesh Fabric, Add	*228.61*	
		For 1-3/4" Mesh Fabric, Add	*142.06*	
		For 2-1/8" Mesh Fabric, Deduct	*-71.03*	
		For 5' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*143.04*	
		For 5' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*186.22*	
32 31 13 13-0372	EA	6' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	1,081.98	47.75
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-176.01*	
		For Aluminized Steel Gate And Post, Add	*450.59*	
		For Powder Coated Gate And Post, Add	*244.07*	
		For 1" Mesh Fabric, Add	*408.34*	
		For 1-1/4" Mesh Fabric, Add	*262.84*	
		For 1-3/4" Mesh Fabric, Add	*163.34*	
		For 2-1/8" Mesh Fabric, Deduct	*-81.67*	
		For 6' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*160.36*	
		For 6' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*208.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0373	EA	7' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	1,233.81	57.53
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-198.94*	
		For Aluminized Steel Gate And Post, Add	*509.28*	
		For Powder Coated Gate And Post, Add	*275.86*	
		For 1" Mesh Fabric, Add	*461.53*	
		For 1-1/4" Mesh Fabric, Add	*297.08*	
		For 1-3/4" Mesh Fabric, Add	*184.61*	
		For 2-1/8" Mesh Fabric, Deduct	*-92.31*	
		For 7' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*177.68*	
		For 7' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*229.49*	
32 31 13 13-0374	EA	8' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	1,384.52	66.97
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-221.86*	
		For Aluminized Steel Gate And Post, Add	*567.97*	
		For Powder Coated Gate And Post, Add	*307.65*	
		For 1" Mesh Fabric, Add	*514.72*	
		For 1-1/4" Mesh Fabric, Add	*331.32*	
		For 1-3/4" Mesh Fabric, Add	*205.89*	
		For 2-1/8" Mesh Fabric, Deduct	*-102.94*	
		For 8' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*195.02*	
		For 8' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*250.70*	
32 31 13 13-0375	EA	9' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	1,536.36	76.87
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-244.79*	
		For Aluminized Steel Gate And Post, Add	*626.66*	
		For Powder Coated Gate And Post, Add	*339.44*	
		For 1" Mesh Fabric, Add	*567.91*	
		For 1-1/4" Mesh Fabric, Add	*365.55*	
		For 1-3/4" Mesh Fabric, Add	*227.16*	
		For 2-1/8" Mesh Fabric, Deduct	*-113.58*	
		For 9' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*212.35*	
		For 9' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*271.92*	
32 31 13 13-0376	EA	10' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	1,688.17	86.76
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-267.71*	
		For Aluminized Steel Gate And Post, Add	*685.35*	
		For Powder Coated Gate And Post, Add	*371.23*	
		For 1" Mesh Fabric, Add	*621.10*	
		For 1-1/4" Mesh Fabric, Add	*399.79*	
		For 1-3/4" Mesh Fabric, Add	*248.44*	
		For 2-1/8" Mesh Fabric, Deduct	*-124.22*	
		For 10' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*229.68*	
		For 10' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*293.12*	
32 31 13 13-0377	EA	10' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	2,439.58	99.16
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-401.58*	
		For Aluminized Steel Gate And Post, Add	*1,028.04*	
		For Powder Coated Gate And Post, Add	*556.85*	
		For 1" Mesh Fabric, Add	*931.66*	
		For 1-1/4" Mesh Fabric, Add	*599.69*	
		For 1-3/4" Mesh Fabric, Add	*372.66*	
		For 2-1/8" Mesh Fabric, Deduct	*-186.33*	
		For 10' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*342.03*	
		For 10' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*430.12*	
32 31 13 13-0378	EA	12' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	2,874.90	106.85
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-478.90*	
		For Aluminized Steel Gate And Post, Add	*1,225.99*	
		For Powder Coated Gate And Post, Add	*664.08*	
		For 1" Mesh Fabric, Add	*1,111.05*	
		For 1-1/4" Mesh Fabric, Add	*715.16*	
		For 1-3/4" Mesh Fabric, Add	*444.42*	
		For 2-1/8" Mesh Fabric, Deduct	*-222.21*	
		For 12' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*395.17*	
		For 12' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*491.01*	
32 31 13 13-0379	EA	14' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	3,320.14	115.71
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-557.37*	
		For Aluminized Steel Gate And Post, Add	*1,426.87*	
		For Powder Coated Gate And Post, Add	*772.89*	
		For 1" Mesh Fabric, Add	*1,293.10*	
		For 1-1/4" Mesh Fabric, Add	*832.34*	
		For 1-3/4" Mesh Fabric, Add	*517.24*	
		For 2-1/8" Mesh Fabric, Deduct	*-258.62*	
		For 14' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*448.96*	
		For 14' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*552.56*	
32 31 13 13-0380	EA	16' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	3,782.54	126.27
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-638.15*	
		For Aluminized Steel Gate And Post, Add	*1,633.67*	
		For Powder Coated Gate And Post, Add	*884.90*	
		For 1" Mesh Fabric, Add	*1,480.51*	
		For 1-1/4" Mesh Fabric, Add	*952.97*	
		For 1-3/4" Mesh Fabric, Add	*592.20*	
		For 2-1/8" Mesh Fabric, Deduct	*-296.10*	
		For 16' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*504.11*	
		For 16' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*615.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0381	EA	18 Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	4,251.27	138.90
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-718.93*	
		For Aluminized Steel Gate And Post, Add	*1,840.46*	
		For Powder Coated Gate And Post, Add	*996.92*	
		For 1" Mesh Fabric, Add	*1,667.92*	
		For 1-1/4" Mesh Fabric, Add	*1,073.60*	
		For 1-3/4" Mesh Fabric, Add	*667.17*	
		For 2-1/8" Mesh Fabric, Deduct	*-333.58*	
32 31 13 13-0382	EA	20' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	4,722.27	154.28
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-798.56*	
		For Aluminized Steel Gate And Post, Add	*2,044.30*	
		For Powder Coated Gate And Post, Add	*1,107.33*	
		For 1" Mesh Fabric, Add	*1,852.65*	
		For 1-1/4" Mesh Fabric, Add	*1,192.51*	
		For 1-3/4" Mesh Fabric, Add	*741.06*	
		For 2-1/8" Mesh Fabric, Deduct	*-370.53*	
		For 20' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*613.73*	
		For 20' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*740.62*	
32 31 13 13-0383	EA	22' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	5,198.69	173.56
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-877.03*	
		For Aluminized Steel Gate And Post, Add	*2,245.19*	
		For Powder Coated Gate And Post, Add	*1,216.14*	
		For 1" Mesh Fabric, Add	*2,034.70*	
		For 1-1/4" Mesh Fabric, Add	*1,309.69*	
		For 1-3/4" Mesh Fabric, Add	*813.88*	
		For 2-1/8" Mesh Fabric, Deduct	*-406.94*	
		For 22' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*701.35*	
		For 22' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*860.63*	
32 31 13 13-0384	EA	24' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	5,703.96	198.33
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-957.80*	
		For Aluminized Steel Gate And Post, Add	*2,451.97*	
		For Powder Coated Gate And Post, Add	*1,328.15*	
		For 1" Mesh Fabric, Add	*2,222.10*	
		For 1-1/4" Mesh Fabric, Add	*1,430.32*	
		For 1-3/4" Mesh Fabric, Add	*888.84*	
		For 2-1/8" Mesh Fabric, Deduct	*-444.42*	
		For 24' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*756.49*	
		For 24' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*923.55*	
32 31 13 13-0385	EA	26' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	6,234.07	231.43
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-1,038.58*	
		For Aluminized Steel Gate And Post, Add	*2,658.77*	
		For Powder Coated Gate And Post, Add	*1,440.17*	
		For 1" Mesh Fabric, Add	*2,409.51*	
		For 1-1/4" Mesh Fabric, Add	*1,550.95*	
		For 1-3/4" Mesh Fabric, Add	*963.80*	
		For 2-1/8" Mesh Fabric, Deduct	*-481.90*	
		For 26' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*811.65*	
		For 26' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*986.46*	
32 31 13 13-0386	EA	28' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	6,797.74	277.69
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-1,118.21*	
		For Aluminized Steel Gate And Post, Add	*2,862.61*	
		For Powder Coated Gate And Post, Add	*1,550.58*	
		For 1" Mesh Fabric, Add	*2,594.24*	
		For 1-1/4" Mesh Fabric, Add	*1,669.86*	
		For 1-3/4" Mesh Fabric, Add	*1,037.70*	
		For 2-1/8" Mesh Fabric, Deduct	*-518.85*	
		For 28' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*866.11*	
		For 28' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*1,048.68*	
32 31 13 13-0387	EA	30' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	7,430.88	347.14
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-1,197.83*	
		For Aluminized Steel Gate And Post, Add	*3,066.45*	
		For Powder Coated Gate And Post, Add	*1,660.99*	
		For 1" Mesh Fabric, Add	*2,778.97*	
		For 1-1/4" Mesh Fabric, Add	*1,788.76*	
		For 1-3/4" Mesh Fabric, Add	*1,111.59*	
		For 2-1/8" Mesh Fabric, Deduct	*-555.79*	
		For 30' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*920.59*	
		For 30' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*1,110.92*	

32 31 13 13-0388 10' Fence Height *(32 31 13 13-0287)*

32 31 13 13-0389	EA	3' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	799.60	42.07
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-126.24*	
		For Aluminized Steel Gate And Post, Add	*323.17*	
		For Powder Coated Gate And Post, Add	*175.05*	
		For 1" Mesh Fabric, Add	*292.87*	
		For 1-1/4" Mesh Fabric, Add	*188.52*	
		For 1-3/4" Mesh Fabric, Add	*117.15*	
		For 2-1/8" Mesh Fabric, Deduct	*-58.57*	
		For 3' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*119.53*	
		For 3' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*155.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0390	EA	4' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	1,024.02	42.07
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-168.32*	
		For Aluminized Steel Gate And Post, Add	*430.89*	
		For Powder Coated Gate And Post, Add	*233.40*	
		For 1" Mesh Fabric, Add	*390.50*	
		For 1-1/4" Mesh Fabric, Add	*251.35*	
		For 1-3/4" Mesh Fabric, Add	*156.20*	
		For 2-1/8" Mesh Fabric, Deduct	*-78.10*	
		For 4' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*148.09*	
		For 4' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*188.26*	
32 31 13 13-0391	EA	5' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	1,187.70	43.89
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-197.96*	
		For Aluminized Steel Gate And Post, Add	*506.79*	
		For Powder Coated Gate And Post, Add	*274.51*	
		For 1" Mesh Fabric, Add	*459.28*	
		For 1-1/4" Mesh Fabric, Add	*295.63*	
		For 1-3/4" Mesh Fabric, Add	*183.71*	
		For 2-1/8" Mesh Fabric, Deduct	*-91.86*	
		For 5' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*169.37*	
		For 5' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*212.55*	
32 31 13 13-0392	EA	6' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	1,377.66	54.58
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-227.61*	
		For Aluminized Steel Gate And Post, Add	*582.69*	
		For Powder Coated Gate And Post, Add	*315.62*	
		For 1" Mesh Fabric, Add	*528.06*	
		For 1-1/4" Mesh Fabric, Add	*339.90*	
		For 1-3/4" Mesh Fabric, Add	*211.23*	
		For 2-1/8" Mesh Fabric, Deduct	*-105.61*	
		For 6' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*190.63*	
		For 6' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*238.56*	
32 31 13 13-0393	EA	7' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	1,566.93	64.70
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-257.25*	
		For Aluminized Steel Gate And Post, Add	*658.56*	
		For Powder Coated Gate And Post, Add	*356.72*	
		For 1" Mesh Fabric, Add	*596.82*	
		For 1-1/4" Mesh Fabric, Add	*384.16*	
		For 1-3/4" Mesh Fabric, Add	*238.73*	
		For 2-1/8" Mesh Fabric, Deduct	*-119.36*	
		For 7' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*211.89*	
		For 7' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*263.70*	
32 31 13 13-0394	EA	8' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	1,756.39	75.39
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-286.90*	
		For Aluminized Steel Gate And Post, Add	*734.46*	
		For Powder Coated Gate And Post, Add	*397.83*	
		For 1" Mesh Fabric, Add	*665.61*	
		For 1-1/4" Mesh Fabric, Add	*428.44*	
		For 1-3/4" Mesh Fabric, Add	*266.24*	
		For 2-1/8" Mesh Fabric, Deduct	*-133.12*	
		For 8' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*233.17*	
		For 8' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*288.85*	
32 31 13 13-0395	EA	9' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	1,945.20	85.62
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-316.55*	
		For Aluminized Steel Gate And Post, Add	*810.36*	
		For Powder Coated Gate And Post, Add	*438.95*	
		For 1" Mesh Fabric, Add	*734.39*	
		For 1-1/4" Mesh Fabric, Add	*472.71*	
		For 1-3/4" Mesh Fabric, Add	*293.76*	
		For 2-1/8" Mesh Fabric, Deduct	*-146.88*	
		For 9' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*254.45*	
		For 9' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*314.02*	
32 31 13 13-0396	EA	10' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	2,135.18	96.19
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-346.19*	
		For Aluminized Steel Gate And Post, Add	*886.26*	
		For Powder Coated Gate And Post, Add	*480.06*	
		For 1" Mesh Fabric, Add	*803.17*	
		For 1-1/4" Mesh Fabric, Add	*516.98*	
		For 1-3/4" Mesh Fabric, Add	*321.27*	
		For 2-1/8" Mesh Fabric, Deduct	*-160.63*	
		For 10' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*275.72*	
		For 10' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*339.16*	
32 31 13 13-0397	EA	10' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	3,100.46	110.24
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-519.29*	
		For Aluminized Steel Gate And Post, Add	*1,329.37*	
		For Powder Coated Gate And Post, Add	*720.08*	
		For 1" Mesh Fabric, Add	*1,204.75*	
		For 1-1/4" Mesh Fabric, Add	*775.47*	
		For 1-3/4" Mesh Fabric, Add	*481.90*	
		For 2-1/8" Mesh Fabric, Deduct	*-240.95*	
		For 10' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*411.09*	
		For 10' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*499.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0398	EA	12' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	3,372.05	118.58
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-565.46*	
		For Aluminized Steel Gate And Post, Add	*1,447.57*	
		For Powder Coated Gate And Post, Add	*784.10*	
		For 1" Mesh Fabric, Add	*1,311.86*	
		For 1-1/4" Mesh Fabric, Add	*844.42*	
		For 1-3/4" Mesh Fabric, Add	*524.75*	
		For 2-1/8" Mesh Fabric, Deduct	*-262.37*	
		For 12' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*445.95*	
		For 12' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*541.79*	
32 31 13 13-0399	EA	14' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	3,844.95	128.61
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-648.54*	
		For Aluminized Steel Gate And Post, Add	*1,660.25*	
		For Powder Coated Gate And Post, Add	*899.30*	
		For 1" Mesh Fabric, Add	*1,504.60*	
		For 1-1/4" Mesh Fabric, Add	*968.48*	
		For 1-3/4" Mesh Fabric, Add	*601.84*	
		For 2-1/8" Mesh Fabric, Deduct	*-300.92*	
		For 14' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*502.44*	
		For 14' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*606.04*	
32 31 13 13-0400	EA	16' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	4,372.25	140.21
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-740.86*	
		For Aluminized Steel Gate And Post, Add	*1,896.59*	
		For Powder Coated Gate And Post, Add	*1,027.32*	
		For 1" Mesh Fabric, Add	*1,718.79*	
		For 1-1/4" Mesh Fabric, Add	*1,106.34*	
		For 1-3/4" Mesh Fabric, Add	*687.51*	
		For 2-1/8" Mesh Fabric, Deduct	*-343.76*	
		For 16' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*564.37*	
		For 16' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*675.74*	
32 31 13 13-0401	EA	18' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	4,906.90	154.28
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-833.17*	
		For Aluminized Steel Gate And Post, Add	*2,132.92*	
		For Powder Coated Gate And Post, Add	*1,155.33*	
		For 1" Mesh Fabric, Add	*1,932.96*	
		For 1-1/4" Mesh Fabric, Add	*1,244.21*	
		For 1-3/4" Mesh Fabric, Add	*773.18*	
		For 2-1/8" Mesh Fabric, Deduct	*-386.59*	
		For 18' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*626.27*	
		For 18' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*745.39*	
32 31 13 13-0402	EA	20' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	5,453.57	171.35
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-926.07*	
		For Aluminized Steel Gate And Post, Add	*2,370.73*	
		For Powder Coated Gate And Post, Add	*1,284.15*	
		For 1" Mesh Fabric, Add	*2,148.48*	
		For 1-1/4" Mesh Fabric, Add	*1,382.93*	
		For 1-3/4" Mesh Fabric, Add	*859.39*	
		For 2-1/8" Mesh Fabric, Deduct	*-429.70*	
		For 20' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*688.53*	
		For 20' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*815.42*	
32 31 13 13-0403	EA	22' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	6,013.62	192.85
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-1,018.97*	
		For Aluminized Steel Gate And Post, Add	*2,608.55*	
		For Powder Coated Gate And Post, Add	*1,412.96*	
		For 1" Mesh Fabric, Add	*2,364.00*	
		For 1-1/4" Mesh Fabric, Add	*1,521.65*	
		For 1-3/4" Mesh Fabric, Add	*945.60*	
		For 2-1/8" Mesh Fabric, Deduct	*-472.80*	
		For 22' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*784.62*	
		For 22' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*943.90*	
32 31 13 13-0404	EA	24' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	6,588.29	220.22
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-1,111.28*	
		For Aluminized Steel Gate And Post, Add	*2,844.88*	
		For Powder Coated Gate And Post, Add	*1,540.98*	
		For 1" Mesh Fabric, Add	*2,578.18*	
		For 1-1/4" Mesh Fabric, Add	*1,659.52*	
		For 1-3/4" Mesh Fabric, Add	*1,031.27*	
		For 2-1/8" Mesh Fabric, Deduct	*-515.64*	
		For 24' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*846.53*	
		For 24' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*1,013.59*	
32 31 13 13-0405	EA	26' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	7,191.40	257.10
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-1,203.60*	
		For Aluminized Steel Gate And Post, Add	*3,081.22*	
		For Powder Coated Gate And Post, Add	*1,668.99*	
		For 1" Mesh Fabric, Add	*2,792.36*	
		For 1-1/4" Mesh Fabric, Add	*1,797.38*	
		For 1-3/4" Mesh Fabric, Add	*1,116.94*	
		For 2-1/8" Mesh Fabric, Deduct	*-558.47*	
		For 26' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*908.46*	
		For 26' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*1,083.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0406	EA	28' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	7,837.37	308.30
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-1,295.92*	
		For Aluminized Steel Gate And Post, Add	*3,317.55*	
		For Powder Coated Gate And Post, Add	*1,797.01*	
		For 1" Mesh Fabric, Add	*3,006.53*	
		For 1-1/4" Mesh Fabric, Add	*1,935.24*	
		For 1-3/4" Mesh Fabric, Add	*1,202.61*	
		For 2-1/8" Mesh Fabric, Deduct	*-601.31*	
		For 28' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*970.37*	
		For 28' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*1,152.94*	
32 31 13 13-0407	EA	30' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	8,568.37	385.71
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-1,389.39*	
		For Aluminized Steel Gate And Post, Add	*3,556.84*	
		For Powder Coated Gate And Post, Add	*1,926.62*	
		For 1" Mesh Fabric, Add	*3,223.39*	
		For 1-1/4" Mesh Fabric, Add	*2,074.83*	
		For 1-3/4" Mesh Fabric, Add	*1,289.36*	
		For 2-1/8" Mesh Fabric, Deduct	*-644.68*	
		For 30' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*1,032.97*	
		For 30' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*1,223.30*	
32 31 13 13-0408		**12' Fence Height** *(32 31 13 13-0287)*		
32 31 13 13-0409	EA	3' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	1,002.16	46.73
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-161.59*	
		For Aluminized Steel Gate And Post, Add	*413.66*	
		For Powder Coated Gate And Post, Add	*224.07*	
		For 1" Mesh Fabric, Add	*374.88*	
		For 1-1/4" Mesh Fabric, Add	*241.30*	
		For 1-3/4" Mesh Fabric, Add	*149.95*	
		For 2-1/8" Mesh Fabric, Deduct	*-74.98*	
		For 3' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*176.55*	
32 31 13 13-0410	EA	4' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	1,289.40	46.73
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-215.44*	
		For Aluminized Steel Gate And Post, Add	*551.53*	
		For Powder Coated Gate And Post, Add	*298.75*	
		For 1" Mesh Fabric, Add	*499.83*	
		For 1-1/4" Mesh Fabric, Add	*321.73*	
		For 1-3/4" Mesh Fabric, Add	*199.93*	
		For 2-1/8" Mesh Fabric, Deduct	*-99.97*	
		For 4' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*175.73*	
		For 4' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*215.90*	
32 31 13 13-0411	EA	5' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	1,496.98	48.43
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-253.40*	
		For Aluminized Steel Gate And Post, Add	*648.69*	
		For Powder Coated Gate And Post, Add	*351.37*	
		For 1" Mesh Fabric, Add	*587.88*	
		For 1-1/4" Mesh Fabric, Add	*378.40*	
		For 1-3/4" Mesh Fabric, Add	*235.15*	
		For 2-1/8" Mesh Fabric, Deduct	*-117.58*	
		For 5' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*201.89*	
		For 5' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*245.07*	
32 31 13 13-0412	EA	6' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	1,734.61	60.15
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-291.34*	
		For Aluminized Steel Gate And Post, Add	*745.83*	
		For Powder Coated Gate And Post, Add	*403.99*	
		For 1" Mesh Fabric, Add	*675.91*	
		For 1-1/4" Mesh Fabric, Add	*435.07*	
		For 1-3/4" Mesh Fabric, Add	*270.36*	
		For 2-1/8" Mesh Fabric, Deduct	*-135.18*	
		For 6' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*228.02*	
		For 6' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*275.95*	
32 31 13 13-0413	EA	7' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	687.37	71.97
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-88.37*	
		For Aluminized Steel Gate And Post, Add	*226.24*	
		For Powder Coated Gate And Post, Add	*122.55*	
		For 1" Mesh Fabric, Add	*205.03*	
		For 1-1/4" Mesh Fabric, Add	*131.97*	
		For 1-3/4" Mesh Fabric, Add	*82.01*	
		For 2-1/8" Mesh Fabric, Deduct	*-41.01*	
		For 7' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*112.82*	
		For 7' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*164.63*	
32 31 13 13-0414	EA	8' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	775.79	83.34
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-98.56*	
		For Aluminized Steel Gate And Post, Add	*252.31*	
		For Powder Coated Gate And Post, Add	*136.67*	
		For 1" Mesh Fabric, Add	*228.65*	
		For 1-1/4" Mesh Fabric, Add	*147.18*	
		For 1-3/4" Mesh Fabric, Add	*91.46*	
		For 2-1/8" Mesh Fabric, Deduct	*-45.73*	
		For 8' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*122.68*	
		For 8' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*178.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0415	EA	9' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	865.35	95.06
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-108.74*	
		For Aluminized Steel Gate And Post, Add	*278.38*	
		For Powder Coated Gate And Post, Add	*150.79*	
		For 1" Mesh Fabric, Add	*252.28*	
		For 1-1/4" Mesh Fabric, Add	*162.39*	
		For 1-3/4" Mesh Fabric, Add	*100.91*	
		For 2-1/8" Mesh Fabric, Deduct	*-50.46*	
		For 9' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*132.54*	
		For 9' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*192.11*	
32 31 13 13-0416	EA	10' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	954.92	106.77
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-118.93*	
		For Aluminized Steel Gate And Post, Add	*304.45*	
		For Powder Coated Gate And Post, Add	*164.91*	
		For 1" Mesh Fabric, Add	*275.91*	
		For 1-1/4" Mesh Fabric, Add	*177.60*	
		For 1-3/4" Mesh Fabric, Add	*110.36*	
		For 2-1/8" Mesh Fabric, Deduct	*-55.18*	
		For 10' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*142.39*	
		For 10' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*205.83*	
32 31 13 13-0417	EA	10' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	1,251.41	122.49
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-165.70*	
		For Aluminized Steel Gate And Post, Add	*424.18*	
		For Powder Coated Gate And Post, Add	*229.76*	
		For 1" Mesh Fabric, Add	*384.41*	
		For 1-1/4" Mesh Fabric, Add	*247.44*	
		For 1-3/4" Mesh Fabric, Add	*153.77*	
		For 2-1/8" Mesh Fabric, Deduct	*-76.88*	
		For 10' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*203.65*	
		For 10' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*291.74*	
32 31 13 13-0418	EA	12' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	1,367.03	131.87
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-182.11*	
		For Aluminized Steel Gate And Post, Add	*466.20*	
		For Powder Coated Gate And Post, Add	*252.53*	
		For 1" Mesh Fabric, Add	*422.50*	
		For 1-1/4" Mesh Fabric, Add	*271.95*	
		For 1-3/4" Mesh Fabric, Add	*169.00*	
		For 2-1/8" Mesh Fabric, Deduct	*-84.50*	
		For 12' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*221.05*	
		For 12' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*316.89*	
32 31 13 13-0419	EA	14' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	1,542.31	142.81
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-208.75*	
		For Aluminized Steel Gate And Post, Add	*534.39*	
		For Powder Coated Gate And Post, Add	*289.46*	
		For 1" Mesh Fabric, Add	*484.29*	
		For 1-1/4" Mesh Fabric, Add	*311.73*	
		For 1-3/4" Mesh Fabric, Add	*193.72*	
		For 2-1/8" Mesh Fabric, Deduct	*-96.86*	
		For 14' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*244.43*	
		For 14' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*348.03*	
32 31 13 13-0420	EA	16' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	1,739.78	155.71
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-238.48*	
		For Aluminized Steel Gate And Post, Add	*610.51*	
		For Powder Coated Gate And Post, Add	*330.69*	
		For 1" Mesh Fabric, Add	*553.27*	
		For 1-1/4" Mesh Fabric, Add	*356.13*	
		For 1-3/4" Mesh Fabric, Add	*221.31*	
		For 2-1/8" Mesh Fabric, Deduct	*-110.65*	
		For 16' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*269.64*	
		For 16' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*381.01*	
32 31 13 13-0421	EA	18' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	5,844.39	171.49
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-999.35*	
		For Aluminized Steel Gate And Post, Add	*2,558.33*	
		For Powder Coated Gate And Post, Add	*1,385.76*	
		For 1" Mesh Fabric, Add	*2,318.48*	
		For 1-1/4" Mesh Fabric, Add	*1,492.36*	
		For 1-3/4" Mesh Fabric, Add	*927.39*	
		For 2-1/8" Mesh Fabric, Deduct	*-463.70*	
		For 18' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*723.76*	
		For 18' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*842.88*	
32 31 13 13-0422	EA	20' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	6,498.36	190.37
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-1,111.28*	
		For Aluminized Steel Gate And Post, Add	*2,844.88*	
		For Powder Coated Gate And Post, Add	*1,540.98*	
		For 1" Mesh Fabric, Add	*2,578.18*	
		For 1-1/4" Mesh Fabric, Add	*1,659.52*	
		For 1-3/4" Mesh Fabric, Add	*1,031.27*	
		For 2-1/8" Mesh Fabric, Deduct	*-515.64*	
		For 20' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*797.19*	
		For 20' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*924.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0423	EA	22' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	7,161.17	214.22
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-1,222.07*	
		For Aluminized Steel Gate And Post, Add	*3,128.49*	
		For Powder Coated Gate And Post, Add	*1,694.60*	
		For 1" Mesh Fabric, Add	*2,835.19*	
		For 1-1/4" Mesh Fabric, Add	*1,824.95*	
		For 1-3/4" Mesh Fabric, Add	*1,134.08*	
		For 2-1/8" Mesh Fabric, Deduct	*-567.04*	
		For 22' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*903.77*	
		For 22' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*1,063.05*	
32 31 13 13-0424	EA	24' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	7,849.62	244.72
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-1,334.00*	
		For Aluminized Steel Gate And Post, Add	*3,415.04*	
		For Powder Coated Gate And Post, Add	*1,849.81*	
		For 1" Mesh Fabric, Add	*3,094.88*	
		For 1-1/4" Mesh Fabric, Add	*1,992.11*	
		For 1-3/4" Mesh Fabric, Add	*1,237.95*	
		For 2-1/8" Mesh Fabric, Deduct	*-618.98*	
		For 24' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*977.19*	
		For 24' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*1,144.25*	
32 31 13 13-0425	EA	26' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	8,557.33	285.76
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-1,443.63*	
		For Aluminized Steel Gate And Post, Add	*3,695.69*	
		For Powder Coated Gate And Post, Add	*2,001.83*	
		For 1" Mesh Fabric, Add	*3,349.22*	
		For 1-1/4" Mesh Fabric, Add	*2,155.82*	
		For 1-3/4" Mesh Fabric, Add	*1,339.69*	
		For 2-1/8" Mesh Fabric, Deduct	*-669.84*	
		For 26' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*1,049.28*	
		For 26' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*1,224.09*	
32 31 13 13-0426	EA	28' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	9,318.86	342.58
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-1,554.41*	
		For Aluminized Steel Gate And Post, Add	*3,979.29*	
		For Powder Coated Gate And Post, Add	*2,155.45*	
		For 1" Mesh Fabric, Add	*3,606.23*	
		For 1-1/4" Mesh Fabric, Add	*2,321.25*	
		For 1-3/4" Mesh Fabric, Add	*1,442.49*	
		For 2-1/8" Mesh Fabric, Deduct	*-721.25*	
		For 28' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*1,122.02*	
		For 28' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*1,304.59*	
32 31 13 13-0427	EA	30' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	10,174.16	428.58
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-1,666.35*	
		For Aluminized Steel Gate And Post, Add	*4,265.85*	
		For Powder Coated Gate And Post, Add	*2,310.67*	
		For 1" Mesh Fabric, Add	*3,865.92*	
		For 1-1/4" Mesh Fabric, Add	*2,488.41*	
		For 1-3/4" Mesh Fabric, Add	*1,546.37*	
		For 2-1/8" Mesh Fabric, Deduct	*-773.18*	
		For 30' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*1,195.45*	
		For 30' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*1,385.78*	

32 31 13 13-0428 Vinyl Coated Without Barb Wire Arm *(32 31 13 13-0286)*

Note: Industrial swing gate. Includes posts (3" diameter posts for up to 6' wide gate, 4" diameter to 13' wide, 6-5/8" diameter for 18' wide, 8-5/8" diameter for over 18' wide), 2" diameter schedule pipe frame, offset hinges, cap and hardware (drop rod, center locking device, gate keeper, catch bolt and tension bands). Fabric: galvanized chain link 2" mesh # 9 gauge, galvanized 1.2 ounce coating.

32 31 13 13-0429 4' Fence Height *(32 31 13 13-0428)*

32 31 13 13-0430	EA	3' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	195.50	28.42
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-20.67*	
		For 1" Mesh Fabric, Add	*47.95*	
		For 1-1/4" Mesh Fabric, Add	*30.86*	
		For 1-3/4" Mesh Fabric, Add	*19.18*	
		For 2-1/8" Mesh Fabric, Deduct	*-9.59*	
		For 3' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*57.59*	
		For 3' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*93.87*	
32 31 13 13-0431	EA	4' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	232.24	28.42
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-27.56*	
		For 1" Mesh Fabric, Add	*63.93*	
		For 1-1/4" Mesh Fabric, Add	*41.15*	
		For 1-3/4" Mesh Fabric, Add	*25.57*	
		For 2-1/8" Mesh Fabric, Deduct	*-12.79*	
		For 4' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*65.51*	
		For 4' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*105.68*	
32 31 13 13-0432	EA	5' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	268.54	30.25
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-33.30*	
		For 1" Mesh Fabric, Add	*77.25*	
		For 1-1/4" Mesh Fabric, Add	*49.72*	
		For 1-3/4" Mesh Fabric, Add	*30.90*	
		For 2-1/8" Mesh Fabric, Deduct	*-15.45*	
		For 5' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*72.76*	
		For 5' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*115.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0433	EA	6' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	317.36	36.39
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-39.04*	
		For 1" Mesh Fabric, Add	*90.57*	
		For 1-1/4" Mesh Fabric, Add	*58.30*	
		For 1-3/4" Mesh Fabric, Add	*36.23*	
		For 2-1/8" Mesh Fabric, Deduct	*-18.11*	
		For 6' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*80.00*	
		For 6' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*127.93*	
32 31 13 13-0434	EA	7' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	366.16	42.41
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-44.78*	
		For 1" Mesh Fabric, Add	*103.88*	
		For 1-1/4" Mesh Fabric, Add	*66.87*	
		For 1-3/4" Mesh Fabric, Add	*41.55*	
		For 2-1/8" Mesh Fabric, Deduct	*-20.78*	
		For 7' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*87.24*	
		For 7' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*139.05*	
32 31 13 13-0435	EA	8' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	414.98	48.43
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-50.52*	
		For 1" Mesh Fabric, Add	*117.21*	
		For 1-1/4" Mesh Fabric, Add	*75.44*	
		For 1-3/4" Mesh Fabric, Add	*46.88*	
		For 2-1/8" Mesh Fabric, Deduct	*-23.44*	
		For 8' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*94.50*	
		For 8' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*150.18*	
32 31 13 13-0436	EA	9' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	463.79	54.58
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-56.26*	
		For 1" Mesh Fabric, Add	*130.52*	
		For 1-1/4" Mesh Fabric, Add	*84.01*	
		For 1-3/4" Mesh Fabric, Add	*52.21*	
		For 2-1/8" Mesh Fabric, Deduct	*-26.10*	
		For 9' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*101.75*	
		For 9' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*161.32*	
32 31 13 13-0437	EA	10' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	512.58	60.60
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-62.00*	
		For 1" Mesh Fabric, Add	*143.84*	
		For 1-1/4" Mesh Fabric, Add	*92.58*	
		For 1-3/4" Mesh Fabric, Add	*57.53*	
		For 2-1/8" Mesh Fabric, Deduct	*-28.77*	
		For 10' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*108.99*	
		For 10' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*172.43*	
32 31 13 13-0438	EA	10' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	622.81	60.60
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-82.67*	
		For 1" Mesh Fabric, Add	*191.79*	
		For 1-1/4" Mesh Fabric, Add	*123.45*	
		For 1-3/4" Mesh Fabric, Add	*76.71*	
		For 2-1/8" Mesh Fabric, Deduct	*-38.36*	
		For 10' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*154.94*	
		For 10' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*243.03*	
32 31 13 13-0439	EA	12' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	723.98	64.92
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-99.20*	
		For 1" Mesh Fabric, Add	*230.14*	
		For 1-1/4" Mesh Fabric, Add	*148.14*	
		For 1-3/4" Mesh Fabric, Add	*92.06*	
		For 2-1/8" Mesh Fabric, Deduct	*-46.03*	
		For 12' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*172.41*	
		For 12' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*268.25*	
32 31 13 13-0440	EA	14' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	827.15	69.93
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-115.73*	
		For 1" Mesh Fabric, Add	*268.50*	
		For 1-1/4" Mesh Fabric, Add	*172.83*	
		For 1-3/4" Mesh Fabric, Add	*107.40*	
		For 2-1/8" Mesh Fabric, Deduct	*-53.70*	
		For 14' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*189.87*	
		For 14' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*293.47*	
32 31 13 13-0441	EA	16' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	932.82	75.73
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-132.27*	
		For 1" Mesh Fabric, Add	*306.86*	
		For 1-1/4" Mesh Fabric, Add	*197.52*	
		For 1-3/4" Mesh Fabric, Add	*122.74*	
		For 2-1/8" Mesh Fabric, Deduct	*-61.37*	
		For 16' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*207.33*	
		For 16' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*318.70*	
32 31 13 13-0442	EA	18' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,071.59	92.51
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-148.80*	
		For 1" Mesh Fabric, Add	*345.22*	
		For 1-1/4" Mesh Fabric, Add	*222.21*	
		For 1-3/4" Mesh Fabric, Add	*138.09*	
		For 2-1/8" Mesh Fabric, Deduct	*-69.04*	
		For 18' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*224.78*	
		For 18' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*343.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0443	EA	20' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,179.61	99.16
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-165.33*	
		For 1" Mesh Fabric, Add	*383.57*	
		For 1-1/4" Mesh Fabric, Add	*246.90*	
		For 1-3/4" Mesh Fabric, Add	*153.43*	
		For 2-1/8" Mesh Fabric, Deduct	*-76.71*	
		For 20' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*242.23*	
		For 20' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*369.12*	
32 31 13 13-0444	EA	22' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,290.71	106.85
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-181.87*	
		For 1" Mesh Fabric, Add	*421.93*	
		For 1-1/4" Mesh Fabric, Add	*271.59*	
		For 1-3/4" Mesh Fabric, Add	*168.77*	
		For 2-1/8" Mesh Fabric, Deduct	*-84.39*	
		For 22' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*293.52*	
		For 22' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*452.80*	
32 31 13 13-0445	EA	24' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,405.62	115.71
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-198.40*	
		For 1" Mesh Fabric, Add	*460.29*	
		For 1-1/4" Mesh Fabric, Add	*296.28*	
		For 1-3/4" Mesh Fabric, Add	*184.11*	
		For 2-1/8" Mesh Fabric, Deduct	*-92.06*	
		For 24' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*310.97*	
		For 24' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*478.03*	
32 31 13 13-0446	EA	26' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,525.38	126.27
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-214.93*	
		For 1" Mesh Fabric, Add	*498.64*	
		For 1-1/4" Mesh Fabric, Add	*320.97*	
		For 1-3/4" Mesh Fabric, Add	*199.46*	
		For 2-1/8" Mesh Fabric, Deduct	*-99.73*	
		For 26' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*328.44*	
		For 26' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*503.25*	
32 31 13 13-0447	EA	28' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,651.46	138.90
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-231.47*	
		For 1" Mesh Fabric, Add	*537.00*	
		For 1-1/4" Mesh Fabric, Add	*345.65*	
		For 1-3/4" Mesh Fabric, Add	*214.80*	
		For 2-1/8" Mesh Fabric, Deduct	*-107.40*	
		For 28' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*345.89*	
		For 28' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*528.46*	
32 31 13 13-0448	EA	30' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,785.97	154.28
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-248.00*	
		For 1" Mesh Fabric, Add	*575.36*	
		For 1-1/4" Mesh Fabric, Add	*370.34*	
		For 1-3/4" Mesh Fabric, Add	*230.14*	
		For 2-1/8" Mesh Fabric, Deduct	*-115.07*	
		For 30' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*363.35*	
		For 30' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*553.68*	

32 31 13 13-0449 5' Fence Height *(32 31 13 13-0428)*

32 31 13 13-0450	EA	3' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	227.54	30.25
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-25.61*	
		For 1" Mesh Fabric, Add	*59.41*	
		For 1-1/4" Mesh Fabric, Add	*38.24*	
		For 1-3/4" Mesh Fabric, Add	*23.76*	
		For 2-1/8" Mesh Fabric, Deduct	*-11.88*	
		For 3' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*60.49*	
		For 3' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*96.77*	
32 31 13 13-0451	EA	4' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	273.07	30.25
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-34.15*	
		For 1" Mesh Fabric, Add	*79.22*	
		For 1-1/4" Mesh Fabric, Add	*50.99*	
		For 1-3/4" Mesh Fabric, Add	*31.69*	
		For 2-1/8" Mesh Fabric, Deduct	*-15.84*	
		For 4' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*69.37*	
		For 4' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*109.54*	
32 31 13 13-0452	EA	5' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	312.91	32.18
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-40.55*	
		For 1" Mesh Fabric, Add	*94.07*	
		For 1-1/4" Mesh Fabric, Add	*60.55*	
		For 1-3/4" Mesh Fabric, Add	*37.63*	
		For 2-1/8" Mesh Fabric, Deduct	*-18.81*	
		For 5' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*77.02*	
		For 5' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*120.20*	
32 31 13 13-0453	EA	6' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	366.37	38.66
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-46.95*	
		For 1" Mesh Fabric, Add	*108.92*	
		For 1-1/4" Mesh Fabric, Add	*70.11*	
		For 1-3/4" Mesh Fabric, Add	*43.57*	
		For 2-1/8" Mesh Fabric, Deduct	*-21.78*	
		For 6' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*84.64*	
		For 6' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*132.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0454	EA	7' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	419.85	45.03
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-53.35*	
		For 1" Mesh Fabric, Add	*123.78*	
		For 1-1/4" Mesh Fabric, Add	*79.67*	
		For 1-3/4" Mesh Fabric, Add	*49.51*	
		For 2-1/8" Mesh Fabric, Deduct	*-24.76*	
		For 7' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*92.27*	
		For 7' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*144.08*	
32 31 13 13-0455	EA	8' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	474.46	51.85
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-59.75*	
		For 1" Mesh Fabric, Add	*138.63*	
		For 1-1/4" Mesh Fabric, Add	*89.23*	
		For 1-3/4" Mesh Fabric, Add	*55.45*	
		For 2-1/8" Mesh Fabric, Deduct	*-27.73*	
		For 8' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*99.92*	
		For 8' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*155.60*	
32 31 13 13-0456	EA	9 Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	527.94	58.33
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-66.16*	
		For 1" Mesh Fabric, Add	*153.49*	
		For 1-1/4" Mesh Fabric, Add	*98.80*	
		For 1-3/4" Mesh Fabric, Add	*61.39*	
		For 2-1/8" Mesh Fabric, Deduct	*-30.70*	
32 31 13 13-0457	EA	10' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	581.40	64.70
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-72.56*	
		For 1" Mesh Fabric, Add	*168.34*	
		For 1-1/4" Mesh Fabric, Add	*108.35*	
		For 1-3/4" Mesh Fabric, Add	*67.33*	
		For 2-1/8" Mesh Fabric, Deduct	*-33.67*	
		For 10' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*115.19*	
		For 10' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*178.63*	
32 31 13 13-0458	EA	10' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	741.24	64.92
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-102.44*	
		For 1" Mesh Fabric, Add	*237.65*	
		For 1-1/4" Mesh Fabric, Add	*152.97*	
		For 1-3/4" Mesh Fabric, Add	*95.06*	
		For 2-1/8" Mesh Fabric, Deduct	*-47.53*	
		For 10' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*166.54*	
		For 10' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*254.63*	
32 31 13 13-0459	EA	12' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	865.49	69.93
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-122.92*	
		For 1" Mesh Fabric, Add	*285.18*	
		For 1-1/4" Mesh Fabric, Add	*183.56*	
		For 1-3/4" Mesh Fabric, Add	*114.07*	
		For 2-1/8" Mesh Fabric, Deduct	*-57.04*	
		For 12' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*186.32*	
		For 12' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*282.16*	
32 31 13 13-0460	EA	14' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	992.24	75.73
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-143.41*	
		For 1" Mesh Fabric, Add	*332.71*	
		For 1-1/4" Mesh Fabric, Add	*214.16*	
		For 1-3/4" Mesh Fabric, Add	*133.08*	
		For 2-1/8" Mesh Fabric, Deduct	*-66.54*	
		For 14' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*206.10*	
		For 14' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*309.70*	
32 31 13 13-0461	EA	16' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,152.10	92.51
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-163.90*	
		For 1" Mesh Fabric, Add	*380.24*	
		For 1-1/4" Mesh Fabric, Add	*244.75*	
		For 1-3/4" Mesh Fabric, Add	*152.10*	
		For 2-1/8" Mesh Fabric, Deduct	*-76.05*	
		For 16' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*225.88*	
		For 16' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*337.25*	
32 31 13 13-0462	EA	18 Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,281.21	99.16
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-184.38*	
		For 1" Mesh Fabric, Add	*427.77*	
		For 1-1/4" Mesh Fabric, Add	*275.34*	
		For 1-3/4" Mesh Fabric, Add	*171.11*	
		For 2-1/8" Mesh Fabric, Deduct	*-85.55*	
32 31 13 13-0463	EA	20' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,413.40	106.85
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-204.87*	
		For 1" Mesh Fabric, Add	*475.30*	
		For 1-1/4" Mesh Fabric, Add	*305.94*	
		For 1-3/4" Mesh Fabric, Add	*190.12*	
		For 2-1/8" Mesh Fabric, Deduct	*-95.06*	
		For 20' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*265.43*	
		For 20' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*392.32*	
32 31 13 13-0464	EA	22' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,549.39	115.71
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-225.36*	
		For 1" Mesh Fabric, Add	*522.83*	
		For 1-1/4" Mesh Fabric, Add	*336.53*	
		For 1-3/4" Mesh Fabric, Add	*209.13*	
		For 2-1/8" Mesh Fabric, Deduct	*-104.57*	
		For 22' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*319.04*	
		For 22' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*478.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0465	EA	24' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,690.23	126.27
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-245.84*	
		For 1" Mesh Fabric, Add	*570.35*	
		For 1-1/4" Mesh Fabric, Add	*367.12*	
		For 1-3/4" Mesh Fabric, Add	*228.14*	
		For 2-1/8" Mesh Fabric, Deduct	*-114.07*	
		For 24' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*338.81*	
		For 24' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*505.87*	
32 31 13 13-0466	EA	26' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,837.41	138.90
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-266.33*	
		For 1" Mesh Fabric, Add	*617.89*	
		For 1-1/4" Mesh Fabric, Add	*397.72*	
		For 1-3/4" Mesh Fabric, Add	*247.15*	
		For 2-1/8" Mesh Fabric, Deduct	*-123.58*	
		For 26' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*358.60*	
		For 26' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*533.41*	
32 31 13 13-0467	EA	28' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,993.00	154.28
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-286.82*	
		For 1" Mesh Fabric, Add	*665.42*	
		For 1-1/4" Mesh Fabric, Add	*428.31*	
		For 1-3/4" Mesh Fabric, Add	*266.17*	
		For 2-1/8" Mesh Fabric, Deduct	*-133.08*	
		For 28' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*378.37*	
		For 28' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*560.94*	
32 31 13 13-0468	EA	30' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,160.17	173.56
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-307.30*	
		For 1" Mesh Fabric, Add	*712.94*	
		For 1-1/4" Mesh Fabric, Add	*458.91*	
		For 1-3/4" Mesh Fabric, Add	*285.18*	
		For 2-1/8" Mesh Fabric, Deduct	*-142.59*	
		For 30' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*398.14*	
		For 30' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*588.47*	

32 31 13 13-0469 6' Fence Height *(32 31 13 13-0428)*

32 31 13 13-0470	EA	3' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	243.41	32.40
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-27.37*	
		For 1" Mesh Fabric, Add	*63.49*	
		For 1-1/4" Mesh Fabric, Add	*40.87*	
		For 1-3/4" Mesh Fabric, Add	*25.40*	
		For 2-1/8" Mesh Fabric, Deduct	*-12.70*	
		For 3' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*61.53*	
		For 3' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*97.81*	
32 31 13 13-0471	EA	4' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	292.07	32.40
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-36.49*	
		For 1" Mesh Fabric, Add	*84.66*	
		For 1-1/4" Mesh Fabric, Add	*54.49*	
		For 1-3/4" Mesh Fabric, Add	*33.86*	
		For 2-1/8" Mesh Fabric, Deduct	*-16.93*	
		For 4' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*70.75*	
		For 4' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*110.92*	
32 31 13 13-0472	EA	5' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	334.58	34.46
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-43.33*	
		For 1" Mesh Fabric, Add	*100.53*	
		For 1-1/4" Mesh Fabric, Add	*64.71*	
		For 1-3/4" Mesh Fabric, Add	*40.21*	
		For 2-1/8" Mesh Fabric, Deduct	*-20.11*	
		For 5' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*78.65*	
		For 5' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*121.83*	
32 31 13 13-0473	EA	6' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	392.68	41.62
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-50.18*	
		For 1" Mesh Fabric, Add	*116.41*	
		For 1-1/4" Mesh Fabric, Add	*74.93*	
		For 1-3/4" Mesh Fabric, Add	*46.56*	
		For 2-1/8" Mesh Fabric, Deduct	*-23.28*	
		For 6' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*86.54*	
		For 6' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*134.47*	
32 31 13 13-0474	EA	7' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	450.77	48.89
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-57.02*	
		For 1" Mesh Fabric, Add	*132.28*	
		For 1-1/4" Mesh Fabric, Add	*85.15*	
		For 1-3/4" Mesh Fabric, Add	*52.91*	
		For 2-1/8" Mesh Fabric, Deduct	*-26.46*	
		For 7' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*94.42*	
		For 7' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*146.23*	
32 31 13 13-0475	EA	8' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	507.73	55.72
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-63.86*	
		For 1" Mesh Fabric, Add	*148.16*	
		For 1-1/4" Mesh Fabric, Add	*95.37*	
		For 1-3/4" Mesh Fabric, Add	*59.26*	
		For 2-1/8" Mesh Fabric, Deduct	*-29.63*	
		For 8' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*102.32*	
		For 8' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*158.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0476	EA	9' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	565.82	62.88
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-70.70*	
		For 1" Mesh Fabric, Add	*164.03*	
		For 1-1/4" Mesh Fabric, Add	*105.58*	
		For 1-3/4" Mesh Fabric, Add	*65.61*	
		For 2-1/8" Mesh Fabric, Deduct	*-32.81*	
		For 9' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*110.22*	
		For 9' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*169.79*	
32 31 13 13-0477	EA	10' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	623.92	70.04
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-77.54*	
		For 1" Mesh Fabric, Add	*179.90*	
		For 1-1/4" Mesh Fabric, Add	*115.80*	
		For 1-3/4" Mesh Fabric, Add	*71.96*	
		For 2-1/8" Mesh Fabric, Deduct	*-35.98*	
		For 10' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*118.11*	
		For 10' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*181.55*	
32 31 13 13-0478	EA	10' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	793.77	69.93
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-109.47*	
		For 1" Mesh Fabric, Add	*253.98*	
		For 1-1/4" Mesh Fabric, Add	*163.48*	
		For 1-3/4" Mesh Fabric, Add	*101.59*	
		For 2-1/8" Mesh Fabric, Deduct	*-50.80*	
		For 10' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*170.66*	
		For 10' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*258.75*	
32 31 13 13-0479	EA	12' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	928.03	75.73
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-131.37*	
		For 1" Mesh Fabric, Add	*304.77*	
		For 1-1/4" Mesh Fabric, Add	*196.18*	
		For 1-3/4" Mesh Fabric, Add	*121.91*	
		For 2-1/8" Mesh Fabric, Deduct	*-60.95*	
		For 12' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*191.28*	
		For 12' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*287.12*	
32 31 13 13-0480	EA	14' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,115.24	99.16
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-153.26*	
		For 1" Mesh Fabric, Add	*355.57*	
		For 1-1/4" Mesh Fabric, Add	*228.87*	
		For 1-3/4" Mesh Fabric, Add	*142.23*	
		For 2-1/8" Mesh Fabric, Deduct	*-71.11*	
		For 14' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*211.88*	
		For 14' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*315.48*	
32 31 13 13-0481	EA	16' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,254.93	106.85
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-175.16*	
		For 1" Mesh Fabric, Add	*406.36*	
		For 1-1/4" Mesh Fabric, Add	*261.57*	
		For 1-3/4" Mesh Fabric, Add	*162.55*	
		For 2-1/8" Mesh Fabric, Deduct	*-81.27*	
		For 16' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*232.49*	
		For 16' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*343.86*	
32 31 13 13-0482	EA	18' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,398.43	115.71
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-197.05*	
		For 1" Mesh Fabric, Add	*457.16*	
		For 1-1/4" Mesh Fabric, Add	*294.26*	
		For 1-3/4" Mesh Fabric, Add	*182.86*	
		For 2-1/8" Mesh Fabric, Deduct	*-91.43*	
		For 18' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*253.08*	
		For 18' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*372.20*	
32 31 13 13-0483	EA	20' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,568.37	126.27
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-222.99*	
		For 1" Mesh Fabric, Add	*517.35*	
		For 1-1/4" Mesh Fabric, Add	*333.00*	
		For 1-3/4" Mesh Fabric, Add	*206.94*	
		For 2-1/8" Mesh Fabric, Deduct	*-103.47*	
		For 20' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*276.06*	
		For 20' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*402.95*	
32 31 13 13-0484	EA	22' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,705.38	138.90
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-241.58*	
		For 1" Mesh Fabric, Add	*560.45*	
		For 1-1/4" Mesh Fabric, Add	*360.75*	
		For 1-3/4" Mesh Fabric, Add	*224.18*	
		For 2-1/8" Mesh Fabric, Deduct	*-112.09*	
		For 22' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*328.55*	
		For 22' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*487.83*	
32 31 13 13-0485	EA	24' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,864.57	154.28
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-262.74*	
		For 1" Mesh Fabric, Add	*609.55*	
		For 1-1/4" Mesh Fabric, Add	*392.35*	
		For 1-3/4" Mesh Fabric, Add	*243.82*	
		For 2-1/8" Mesh Fabric, Deduct	*-121.91*	
		For 24' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*348.72*	
		For 24' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*515.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0486	EA	26' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,039.25	173.56
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-284.63*	
		For 1" Mesh Fabric, Add	*660.34*	
		For 1-1/4" Mesh Fabric, Add	*425.05*	
		For 1-3/4" Mesh Fabric, Add	*264.14*	
		For 2-1/8" Mesh Fabric, Deduct	*-132.07*	
		For 26' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*369.33*	
		For 26' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*544.14*	
32 31 13 13-0487	EA	28' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,230.48	198.33
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-306.53*	
		For 1" Mesh Fabric, Add	*711.14*	
		For 1-1/4" Mesh Fabric, Add	*457.74*	
		For 1-3/4" Mesh Fabric, Add	*284.46*	
		For 2-1/8" Mesh Fabric, Deduct	*-142.23*	
		For 28' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*389.93*	
		For 28' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*572.50*	
32 31 13 13-0488	EA	30' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,446.54	231.43
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-328.42*	
		For 1" Mesh Fabric, Add	*761.93*	
		For 1-1/4" Mesh Fabric, Add	*490.44*	
		For 1-3/4" Mesh Fabric, Add	*304.77*	
		For 2-1/8" Mesh Fabric, Deduct	*-152.39*	
		For 30' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*410.53*	
		For 30' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*600.86*	

32 31 13 13-0489 7' Fence Height *(32 31 13 13-0428)*

32 31 13 13-0490	EA	3' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	258.27	34.91
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-28.75*	
		For 1" Mesh Fabric, Add	*66.69*	
		For 1-1/4" Mesh Fabric, Add	*42.93*	
		For 1-3/4" Mesh Fabric, Add	*26.68*	
		For 2-1/8" Mesh Fabric, Deduct	*-13.34*	
		For 3' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*62.33*	
		For 3' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*98.61*	
32 31 13 13-0491	EA	4' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	309.38	34.91
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-38.33*	
		For 1" Mesh Fabric, Add	*88.92*	
		For 1-1/4" Mesh Fabric, Add	*57.24*	
		For 1-3/4" Mesh Fabric, Add	*35.57*	
		For 2-1/8" Mesh Fabric, Deduct	*-17.78*	
		For 4' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*71.83*	
		For 4' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*112.00*	
32 31 13 13-0492	EA	5' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	353.04	36.72
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-45.52*	
		For 1" Mesh Fabric, Add	*105.60*	
		For 1-1/4" Mesh Fabric, Add	*67.97*	
		For 1-3/4" Mesh Fabric, Add	*42.24*	
		For 2-1/8" Mesh Fabric, Deduct	*-21.12*	
		For 5' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*79.93*	
		For 5' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*123.11*	
32 31 13 13-0493	EA	6' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	415.24	44.69
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-52.70*	
		For 1" Mesh Fabric, Add	*122.27*	
		For 1-1/4" Mesh Fabric, Add	*78.70*	
		For 1-3/4" Mesh Fabric, Add	*48.91*	
		For 2-1/8" Mesh Fabric, Deduct	*-24.45*	
		For 6' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*88.02*	
		For 6' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*135.95*	
32 31 13 13-0494	EA	7' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	476.33	52.30
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-59.89*	
		For 1" Mesh Fabric, Add	*138.95*	
		For 1-1/4" Mesh Fabric, Add	*89.44*	
		For 1-3/4" Mesh Fabric, Add	*55.58*	
		For 2-1/8" Mesh Fabric, Deduct	*-27.79*	
		For 7' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*96.11*	
		For 7' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*147.92*	
32 31 13 13-0495	EA	8' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	538.54	60.15
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-67.08*	
		For 1" Mesh Fabric, Add	*155.62*	
		For 1-1/4" Mesh Fabric, Add	*100.17*	
		For 1-3/4" Mesh Fabric, Add	*62.25*	
		For 2-1/8" Mesh Fabric, Deduct	*-31.12*	
		For 8' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*104.21*	
		For 8' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*159.89*	
32 31 13 13-0496	EA	9' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	599.59	67.76
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-74.26*	
		For 1" Mesh Fabric, Add	*172.29*	
		For 1-1/4" Mesh Fabric, Add	*110.90*	
		For 1-3/4" Mesh Fabric, Add	*68.92*	
		For 2-1/8" Mesh Fabric, Deduct	*-34.46*	
		For 9' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*112.31*	
		For 9' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*171.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0497	EA	10' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	661.81	75.73
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-81.45*	
		For 1" Mesh Fabric, Add	*188.97*	
		For 1-1/4" Mesh Fabric, Add	*121.63*	
		For 1-3/4" Mesh Fabric, Add	*75.59*	
		For 2-1/8" Mesh Fabric, Deduct	*-37.79*	
		For 10' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*120.41*	
		For 10' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*183.85*	
32 31 13 13-0498	EA	10' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	840.67	75.73
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-114.99*	
		For 1" Mesh Fabric, Add	*266.77*	
		For 1-1/4" Mesh Fabric, Add	*171.72*	
		For 1-3/4" Mesh Fabric, Add	*106.71*	
		For 2-1/8" Mesh Fabric, Deduct	*-53.35*	
		For 10' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*173.90*	
		For 10' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*261.99*	
32 31 13 13-0499	EA	12' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,033.75	99.16
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-137.98*	
		For 1" Mesh Fabric, Add	*320.12*	
		For 1-1/4" Mesh Fabric, Add	*206.05*	
		For 1-3/4" Mesh Fabric, Add	*128.05*	
		For 2-1/8" Mesh Fabric, Deduct	*-64.02*	
		For 12' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*195.16*	
		For 12' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*291.00*	
32 31 13 13-0500	EA	14' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,179.34	106.85
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-160.98*	
		For 1" Mesh Fabric, Add	*373.48*	
		For 1-1/4" Mesh Fabric, Add	*240.40*	
		For 1-3/4" Mesh Fabric, Add	*149.39*	
		For 2-1/8" Mesh Fabric, Deduct	*-74.70*	
		For 14' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*216.41*	
		For 14' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*320.01*	
32 31 13 13-0501	EA	16' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,328.70	115.71
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-183.98*	
		For 1" Mesh Fabric, Add	*426.83*	
		For 1-1/4" Mesh Fabric, Add	*274.74*	
		For 1-3/4" Mesh Fabric, Add	*170.73*	
		For 2-1/8" Mesh Fabric, Deduct	*-85.37*	
		For 16' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*237.66*	
		For 16' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*349.03*	
32 31 13 13-0502	EA	18' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,482.95	126.27
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-206.98*	
		For 1" Mesh Fabric, Add	*480.19*	
		For 1-1/4" Mesh Fabric, Add	*309.09*	
		For 1-3/4" Mesh Fabric, Add	*192.08*	
		For 2-1/8" Mesh Fabric, Deduct	*-96.04*	
		For 18' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*258.91*	
		For 18' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*378.03*	
32 31 13 13-0503	EA	20' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,643.49	138.90
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-229.97*	
		For 1" Mesh Fabric, Add	*533.53*	
		For 1-1/4" Mesh Fabric, Add	*343.42*	
		For 1-3/4" Mesh Fabric, Add	*213.41*	
		For 2-1/8" Mesh Fabric, Deduct	*-106.71*	
		For 20' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*280.16*	
		For 20' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*407.05*	
32 31 13 13-0504	EA	22' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,812.46	154.28
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-252.97*	
		For 1" Mesh Fabric, Add	*586.88*	
		For 1-1/4" Mesh Fabric, Add	*377.76*	
		For 1-3/4" Mesh Fabric, Add	*234.75*	
		For 2-1/8" Mesh Fabric, Deduct	*-117.38*	
		For 22' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*335.24*	
		For 22' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*494.52*	
32 31 13 13-0505	EA	24' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,993.04	173.56
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-275.97*	
		For 1" Mesh Fabric, Add	*640.24*	
		For 1-1/4" Mesh Fabric, Add	*412.11*	
		For 1-3/4" Mesh Fabric, Add	*256.10*	
		For 2-1/8" Mesh Fabric, Deduct	*-128.05*	
		For 24' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*356.48*	
		For 24' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*523.54*	
32 31 13 13-0506	EA	26' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,190.16	198.33
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-298.97*	
		For 1" Mesh Fabric, Add	*693.60*	
		For 1-1/4" Mesh Fabric, Add	*446.45*	
		For 1-3/4" Mesh Fabric, Add	*277.44*	
		For 2-1/8" Mesh Fabric, Deduct	*-138.72*	
		For 26' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*377.74*	
		For 26' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*552.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0507	EA	28' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,412.09	231.43
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-321.96*	
		For 1" Mesh Fabric, Add	*746.95*	
		For 1-1/4" Mesh Fabric, Add	*480.79*	
		For 1-3/4" Mesh Fabric, Add	*298.78*	
		For 2-1/8" Mesh Fabric, Deduct	*-149.39*	
		For 28' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*398.98*	
		For 28' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*581.55*	
32 31 13 13-0508	EA	30' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,673.76	277.69
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-344.96*	
		For 1" Mesh Fabric, Add	*800.31*	
		For 1-1/4" Mesh Fabric, Add	*515.14*	
		For 1-3/4" Mesh Fabric, Add	*320.12*	
		For 2-1/8" Mesh Fabric, Deduct	*-160.06*	
		For 30' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*420.24*	
		For 30' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*610.57*	
32 31 13 13-0509		**8' Fence Height** *(32 31 13 13-0428)*		
32 31 13 13-0510	EA	3' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	299.52	37.86
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-34.84*	
		For 1" Mesh Fabric, Add	*80.83*	
		For 1-1/4" Mesh Fabric, Add	*52.03*	
		For 1-3/4" Mesh Fabric, Add	*32.33*	
		For 2-1/8" Mesh Fabric, Deduct	*-16.17*	
		For 3' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*65.91*	
		For 3' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*102.19*	
32 31 13 13-0511	EA	4' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	361.47	37.86
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-46.46*	
		For 1" Mesh Fabric, Add	*107.78*	
		For 1-1/4" Mesh Fabric, Add	*69.38*	
		For 1-3/4" Mesh Fabric, Add	*43.11*	
		For 2-1/8" Mesh Fabric, Deduct	*-21.56*	
		For 4' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*76.59*	
		For 4' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*116.76*	
32 31 13 13-0512	EA	5' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	402.76	37.86
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-54.20*	
		For 1" Mesh Fabric, Add	*125.74*	
		For 1-1/4" Mesh Fabric, Add	*80.94*	
		For 1-3/4" Mesh Fabric, Add	*50.30*	
		For 2-1/8" Mesh Fabric, Deduct	*-25.15*	
		For 5' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*85.03*	
		For 5' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*128.21*	
32 31 13 13-0513	EA	6' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	473.62	47.75
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-61.94*	
		For 1" Mesh Fabric, Add	*143.71*	
		For 1-1/4" Mesh Fabric, Add	*92.50*	
		For 1-3/4" Mesh Fabric, Add	*57.48*	
		For 2-1/8" Mesh Fabric, Deduct	*-28.74*	
		For 6' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*93.44*	
		For 6' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*141.37*	
32 31 13 13-0514	EA	7' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	544.48	57.53
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-69.69*	
		For 1" Mesh Fabric, Add	*161.67*	
		For 1-1/4" Mesh Fabric, Add	*104.06*	
		For 1-3/4" Mesh Fabric, Add	*64.67*	
		For 2-1/8" Mesh Fabric, Deduct	*-32.33*	
		For 7' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*101.85*	
		For 7' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*153.66*	
32 31 13 13-0515	EA	8' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	614.20	66.97
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-77.43*	
		For 1" Mesh Fabric, Add	*179.63*	
		For 1-1/4" Mesh Fabric, Add	*115.63*	
		For 1-3/4" Mesh Fabric, Add	*71.85*	
		For 2-1/8" Mesh Fabric, Deduct	*-35.93*	
		For 8' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*110.28*	
		For 8' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*165.96*	
32 31 13 13-0516	EA	9' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	685.06	76.87
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-85.17*	
		For 1" Mesh Fabric, Add	*197.59*	
		For 1-1/4" Mesh Fabric, Add	*127.19*	
		For 1-3/4" Mesh Fabric, Add	*79.04*	
		For 2-1/8" Mesh Fabric, Deduct	*-39.52*	
		For 9' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*118.71*	
		For 9' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*178.28*	
32 31 13 13-0517	EA	10' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	755.90	86.76
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-92.91*	
		For 1" Mesh Fabric, Add	*215.56*	
		For 1-1/4" Mesh Fabric, Add	*138.75*	
		For 1-3/4" Mesh Fabric, Add	*86.22*	
		For 2-1/8" Mesh Fabric, Deduct	*-43.11*	
		For 10' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*127.13*	
		For 10' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*190.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0518	EA	10' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,041.14	99.16
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-139.37*	
		For 1" Mesh Fabric, Add	*323.34*	
		For 1-1/4" Mesh Fabric, Add	*208.12*	
		For 1-3/4" Mesh Fabric, Add	*129.33*	
		For 2-1/8" Mesh Fabric, Deduct	*-64.67*	
		For 10' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*188.20*	
		For 10' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*276.29*	
32 31 13 13-0519	EA	12' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,212.72	106.85
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-167.24*	
		For 1" Mesh Fabric, Add	*388.00*	
		For 1-1/4" Mesh Fabric, Add	*249.75*	
		For 1-3/4" Mesh Fabric, Add	*155.20*	
		For 2-1/8" Mesh Fabric, Deduct	*-77.60*	
		For 12' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*212.33*	
		For 12' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*308.17*	
32 31 13 13-0520	EA	14' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,388.11	115.71
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-195.12*	
		For 1" Mesh Fabric, Add	*452.67*	
		For 1-1/4" Mesh Fabric, Add	*291.37*	
		For 1-3/4" Mesh Fabric, Add	*181.07*	
		For 2-1/8" Mesh Fabric, Deduct	*-90.53*	
		For 14' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*236.44*	
		For 14' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*340.04*	
32 31 13 13-0521	EA	16' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,568.35	126.27
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-222.99*	
		For 1" Mesh Fabric, Add	*517.34*	
		For 1-1/4" Mesh Fabric, Add	*333.00*	
		For 1-3/4" Mesh Fabric, Add	*206.93*	
		For 2-1/8" Mesh Fabric, Deduct	*-103.47*	
		For 16' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*260.55*	
		For 16' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*371.92*	
32 31 13 13-0522	EA	18' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,754.92	138.90
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-250.86*	
		For 1" Mesh Fabric, Add	*582.00*	
		For 1-1/4" Mesh Fabric, Add	*374.62*	
		For 1-3/4" Mesh Fabric, Add	*232.80*	
		For 2-1/8" Mesh Fabric, Deduct	*-116.40*	
		For 18' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*284.65*	
		For 18' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*403.77*	
32 31 13 13-0523	EA	20' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,949.91	154.28
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-278.74*	
		For 1" Mesh Fabric, Add	*646.67*	
		For 1-1/4" Mesh Fabric, Add	*416.25*	
		For 1-3/4" Mesh Fabric, Add	*258.67*	
		For 2-1/8" Mesh Fabric, Deduct	*-129.33*	
		For 20' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*308.77*	
		For 20' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*435.66*	
32 31 13 13-0524	EA	22' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,156.48	173.56
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-306.61*	
		For 1" Mesh Fabric, Add	*711.34*	
		For 1-1/4" Mesh Fabric, Add	*457.87*	
		For 1-3/4" Mesh Fabric, Add	*284.54*	
		For 2-1/8" Mesh Fabric, Deduct	*-142.27*	
		For 22' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*366.71*	
		For 22' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*525.99*	
32 31 13 13-0525	EA	24' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,379.60	198.33
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-334.49*	
		For 1" Mesh Fabric, Add	*776.01*	
		For 1-1/4" Mesh Fabric, Add	*499.50*	
		For 1-3/4" Mesh Fabric, Add	*310.40*	
		For 2-1/8" Mesh Fabric, Deduct	*-155.20*	
		For 24' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*390.81*	
		For 24' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*557.87*	
32 31 13 13-0526	EA	26' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,627.55	231.43
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-362.36*	
		For 1" Mesh Fabric, Add	*840.67*	
		For 1-1/4" Mesh Fabric, Add	*541.12*	
		For 1-3/4" Mesh Fabric, Add	*336.27*	
		For 2-1/8" Mesh Fabric, Deduct	*-168.13*	
		For 26' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*414.93*	
		For 26' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*589.74*	
32 31 13 13-0527	EA	28' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,915.21	277.69
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-390.23*	
		For 1" Mesh Fabric, Add	*905.34*	
		For 1-1/4" Mesh Fabric, Add	*582.75*	
		For 1-3/4" Mesh Fabric, Add	*362.14*	
		For 2-1/8" Mesh Fabric, Deduct	*-181.07*	
		For 28' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*439.04*	
		For 28' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*621.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0528	EA	30' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	3,272.35	347.14
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-418.11*	
		For 1" Mesh Fabric, Add	*970.01*	
		For 1-1/4" Mesh Fabric, Add	*624.37*	
		For 1-3/4" Mesh Fabric, Add	*388.00*	
		For 2-1/8" Mesh Fabric, Deduct	*-194.00*	
		For 30' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*463.15*	
		For 30' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*653.48*	
32 31 13 13-0529		10' Fence Height *(32 31 13 13-0428)*		
32 31 13 13-0530	EA	3' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm	341.89	42.07
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-40.42*	
		For 1" Mesh Fabric, Add	*93.77*	
		For 1-1/4" Mesh Fabric, Add	*60.36*	
		For 1-3/4" Mesh Fabric, Add	*37.51*	
		For 2-1/8" Mesh Fabric, Deduct	*-18.75*	
		For 3' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*69.18*	
		For 3' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*105.46*	
32 31 13 13-0531	EA	4' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm	413.75	42.07
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-53.89*	
		For 1" Mesh Fabric, Add	*125.03*	
		For 1-1/4" Mesh Fabric, Add	*80.48*	
		For 1-3/4" Mesh Fabric, Add	*50.01*	
		For 2-1/8" Mesh Fabric, Deduct	*-25.01*	
		For 4' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*80.96*	
		For 4' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*121.13*	
32 31 13 13-0532	EA	5' Wide x 10' High Gate Single Vinyl Coated Without Barbed Wire Arm	467.22	43.89
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-62.87*	
		For 1" Mesh Fabric, Add	*145.87*	
		For 1-1/4" Mesh Fabric, Add	*93.89*	
		For 1-3/4" Mesh Fabric, Add	*58.35*	
		For 2-1/8" Mesh Fabric, Deduct	*-29.17*	
		For 5' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*90.12*	
		For 5' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*133.30*	
32 31 13 13-0533	EA	6' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm	546.95	54.58
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-71.86*	
		For 1" Mesh Fabric, Add	*166.71*	
		For 1-1/4" Mesh Fabric, Add	*107.30*	
		For 1-3/4" Mesh Fabric, Add	*66.68*	
		For 2-1/8" Mesh Fabric, Deduct	*-33.34*	
		For 6' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*99.26*	
		For 6' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*147.19*	
32 31 13 13-0534	EA	7' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm	625.55	64.70
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-80.84*	
		For 1" Mesh Fabric, Add	*187.54*	
		For 1-1/4" Mesh Fabric, Add	*120.72*	
		For 1-3/4" Mesh Fabric, Add	*75.02*	
		For 2-1/8" Mesh Fabric, Deduct	*-37.51*	
		For 7' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*108.39*	
		For 7' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*160.20*	
32 31 13 13-0535	EA	8' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm	705.31	75.39
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-89.82*	
		For 1" Mesh Fabric, Add	*208.39*	
		For 1-1/4" Mesh Fabric, Add	*134.13*	
		For 1-3/4" Mesh Fabric, Add	*83.35*	
		For 2-1/8" Mesh Fabric, Deduct	*-41.68*	
		For 8' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*117.56*	
		For 8' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*173.24*	
32 31 13 13-0536	EA	9' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm	783.90	85.62
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-98.80*	
		For 1" Mesh Fabric, Add	*229.22*	
		For 1-1/4" Mesh Fabric, Add	*147.55*	
		For 1-3/4" Mesh Fabric, Add	*91.69*	
		For 2-1/8" Mesh Fabric, Deduct	*-45.84*	
		For 9' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*126.70*	
		For 9' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*186.27*	
32 31 13 13-0537	EA	10' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm	863.66	96.19
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-107.78*	
		For 1" Mesh Fabric, Add	*250.06*	
		For 1-1/4" Mesh Fabric, Add	*160.96*	
		For 1-3/4" Mesh Fabric, Add	*100.02*	
		For 2-1/8" Mesh Fabric, Deduct	*-50.01*	
		For 10' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*135.85*	
		For 10' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*199.29*	
32 31 13 13-0538	EA	10' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,193.20	110.24
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-161.68*	
		For 1" Mesh Fabric, Add	*375.09*	
		For 1-1/4" Mesh Fabric, Add	*241.44*	
		For 1-3/4" Mesh Fabric, Add	*150.03*	
		For 2-1/8" Mesh Fabric, Deduct	*-75.02*	
		For 10' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*201.29*	
		For 10' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*289.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0539	EA	12' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,390.99	118.58
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-194.01*	
		For 1" Mesh Fabric, Add	*450.10*	
		For 1-1/4" Mesh Fabric, Add	*289.72*	
		For 1-3/4" Mesh Fabric, Add	*180.04*	
		For 2-1/8" Mesh Fabric, Deduct	*-90.02*	
		For 12' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*228.03*	
		For 12' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*323.87*	
32 31 13 13-0540	EA	14' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,593.26	128.61
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-226.34*	
		For 1" Mesh Fabric, Add	*525.12*	
		For 1-1/4" Mesh Fabric, Add	*338.01*	
		For 1-3/4" Mesh Fabric, Add	*210.05*	
		For 2-1/8" Mesh Fabric, Deduct	*-105.02*	
		For 14' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*254.76*	
		For 14' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*358.36*	
32 31 13 13-0541	EA	16' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,800.64	140.21
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-258.68*	
		For 1" Mesh Fabric, Add	*600.13*	
		For 1-1/4" Mesh Fabric, Add	*386.29*	
		For 1-3/4" Mesh Fabric, Add	*240.05*	
		For 2-1/8" Mesh Fabric, Deduct	*-120.03*	
		For 16' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*281.49*	
		For 16' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*392.86*	
32 31 13 13-0542	EA	18' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,015.39	154.28
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-291.02*	
		For 1" Mesh Fabric, Add	*675.15*	
		For 1-1/4" Mesh Fabric, Add	*434.58*	
		For 1-3/4" Mesh Fabric, Add	*270.06*	
		For 2-1/8" Mesh Fabric, Deduct	*-135.03*	
		For 18' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*308.21*	
		For 18' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*427.33*	
32 31 13 13-0543	EA	20' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,239.07	171.35
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-323.35*	
		For 1" Mesh Fabric, Add	*750.17*	
		For 1-1/4" Mesh Fabric, Add	*482.87*	
		For 1-3/4" Mesh Fabric, Add	*300.07*	
		For 2-1/8" Mesh Fabric, Deduct	*-150.03*	
		For 20' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*334.94*	
		For 20' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*461.83*	
32 31 13 13-0544	EA	22' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,476.12	192.85
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-355.68*	
		For 1" Mesh Fabric, Add	*825.19*	
		For 1-1/4" Mesh Fabric, Add	*531.15*	
		For 1-3/4" Mesh Fabric, Add	*330.07*	
		For 2-1/8" Mesh Fabric, Deduct	*-165.04*	
		For 22' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*395.50*	
		For 22' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*554.78*	
32 31 13 13-0545	EA	24 Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,730.89	220.22
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-388.02*	
		For 1" Mesh Fabric, Add	*900.21*	
		For 1-1/4" Mesh Fabric, Add	*579.44*	
		For 1-3/4" Mesh Fabric, Add	*360.08*	
		For 2-1/8" Mesh Fabric, Deduct	*-180.04*	
32 31 13 13-0546	EA	26' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	3,014.08	257.10
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-420.35*	
		For 1" Mesh Fabric, Add	*975.22*	
		For 1-1/4" Mesh Fabric, Add	*627.73*	
		For 1-3/4" Mesh Fabric, Add	*390.09*	
		For 2-1/8" Mesh Fabric, Deduct	*-195.04*	
		For 26' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*448.96*	
		For 26' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*623.77*	
32 31 13 13-0547	EA	28' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	3,340.14	308.30
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-452.69*	
		For 1" Mesh Fabric, Add	*1,050.24*	
		For 1-1/4" Mesh Fabric, Add	*676.02*	
		For 1-3/4" Mesh Fabric, Add	*420.10*	
		For 2-1/8" Mesh Fabric, Deduct	*-210.05*	
		For 28' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*475.68*	
		For 28' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*658.25*	
32 31 13 13-0548	EA	30' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	3,745.08	385.71
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-485.03*	
		For 1" Mesh Fabric, Add	*1,125.26*	
		For 1-1/4" Mesh Fabric, Add	*724.30*	
		For 1-3/4" Mesh Fabric, Add	*450.10*	
		For 2-1/8" Mesh Fabric, Deduct	*-225.05*	
		For 30' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*502.41*	
		For 30' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*692.74*	

32 31 13 13-0549 12' Fence Height *(32 31 13 13-0428)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0550	EA	3' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	441.00	46.73
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-56.37*	
		For 1" Mesh Fabric, Add	*130.77*	
		For 1-1/4" Mesh Fabric, Add	*84.18*	
		For 1-3/4" Mesh Fabric, Add	*52.31*	
		For 2-1/8" Mesh Fabric, Deduct	*-26.15*	
		For 3' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*78.54*	
		For 3' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*114.82*	
32 31 13 13-0551	EA	4' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	540.93	46.73
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-75.11*	
		For 1" Mesh Fabric, Add	*174.24*	
		For 1-1/4" Mesh Fabric, Add	*112.16*	
		For 1-3/4" Mesh Fabric, Add	*69.70*	
		For 2-1/8" Mesh Fabric, Deduct	*-34.85*	
		For 4' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*93.40*	
		For 4' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*133.57*	
32 31 13 13-0552	EA	5' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	620.43	48.43
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-89.04*	
		For 1" Mesh Fabric, Add	*206.58*	
		For 1-1/4" Mesh Fabric, Add	*132.97*	
		For 1-3/4" Mesh Fabric, Add	*82.63*	
		For 2-1/8" Mesh Fabric, Deduct	*-41.32*	
		For 5' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*105.47*	
		For 5' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*148.65*	
32 31 13 13-0553	EA	6' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	717.63	60.15
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-100.66*	
		For 1" Mesh Fabric, Add	*233.53*	
		For 1-1/4" Mesh Fabric, Add	*150.32*	
		For 1-3/4" Mesh Fabric, Add	*93.41*	
		For 2-1/8" Mesh Fabric, Deduct	*-46.71*	
		For 6' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*116.15*	
		For 6' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*164.08*	
32 31 13 13-0554	EA	7' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	821.70	71.97
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-113.56*	
		For 1" Mesh Fabric, Add	*263.46*	
		For 1-1/4" Mesh Fabric, Add	*169.58*	
		For 1-3/4" Mesh Fabric, Add	*105.38*	
		For 2-1/8" Mesh Fabric, Deduct	*-52.69*	
		For 7' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*127.59*	
		For 7' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*179.40*	
32 31 13 13-0555	EA	8' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	924.63	83.34
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-126.47*	
		For 1" Mesh Fabric, Add	*293.40*	
		For 1-1/4" Mesh Fabric, Add	*188.85*	
		For 1-3/4" Mesh Fabric, Add	*117.36*	
		For 2-1/8" Mesh Fabric, Deduct	*-58.68*	
		For 8' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*139.05*	
		For 8' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*194.73*	
32 31 13 13-0556	EA	9' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	1,028.70	95.06
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-139.37*	
		For 1" Mesh Fabric, Add	*323.34*	
		For 1-1/4" Mesh Fabric, Add	*208.13*	
		For 1-3/4" Mesh Fabric, Add	*129.34*	
		For 2-1/8" Mesh Fabric, Deduct	*-64.67*	
		For 9' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*150.50*	
		For 9' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*210.07*	
32 31 13 13-0557	EA	10' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	1,125.89	106.77
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-150.98*	
		For 1" Mesh Fabric, Add	*350.28*	
		For 1-1/4" Mesh Fabric, Add	*225.47*	
		For 1-3/4" Mesh Fabric, Add	*140.11*	
		For 2-1/8" Mesh Fabric, Deduct	*-70.06*	
		For 10' Wide Single Gate With 3 Strands Barbed Wire And Single Extension Arms, Add	*161.20*	
		For 10' Wide Single Gate With 6 Strands Barbed Wire And Double Extension Arms, Add	*224.64*	
32 31 13 13-0558	EA	10' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,575.05	122.49
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-226.40*	
		For 1" Mesh Fabric, Add	*525.25*	
		For 1-1/4" Mesh Fabric, Add	*338.09*	
		For 1-3/4" Mesh Fabric, Add	*210.10*	
		For 2-1/8" Mesh Fabric, Deduct	*-105.05*	
		For 10' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*239.26*	
		For 10' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*327.35*	
32 31 13 13-0559	EA	12' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,884.04	131.87
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-279.05*	
		For 1" Mesh Fabric, Add	*647.40*	
		For 1-1/4" Mesh Fabric, Add	*416.72*	
		For 1-3/4" Mesh Fabric, Add	*258.96*	
		For 2-1/8" Mesh Fabric, Deduct	*-129.48*	
		For 12' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*277.92*	
		For 12' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*373.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0560	EA	14' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,166.69	142.81
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-325.82*	
		For 1" Mesh Fabric, Add	*755.90*	
		For 1-1/4" Mesh Fabric, Add	*486.55*	
		For 1-3/4" Mesh Fabric, Add	*302.36*	
		For 2-1/8" Mesh Fabric, Deduct	*-151.18*	
		For 14' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*313.12*	
		For 14' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*416.72*	
32 31 13 13-0561	EA	16' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,453.35	155.71
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-372.27*	
		For 1" Mesh Fabric, Add	*863.68*	
		For 1-1/4" Mesh Fabric, Add	*555.93*	
		For 1-3/4" Mesh Fabric, Add	*345.47*	
		For 2-1/8" Mesh Fabric, Deduct	*-172.74*	
		For 16' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*348.13*	
		For 16' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*459.50*	
32 31 13 13-0562	EA	18' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,744.72	171.49
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-418.11*	
		For 1" Mesh Fabric, Add	*970.02*	
		For 1-1/4" Mesh Fabric, Add	*624.38*	
		For 1-3/4" Mesh Fabric, Add	*388.01*	
		For 2-1/8" Mesh Fabric, Deduct	*-194.00*	
		For 18' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*382.77*	
		For 18' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*501.89*	
32 31 13 13-0563	EA	20' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	3,049.22	190.37
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-464.57*	
		For 1" Mesh Fabric, Add	*1,077.80*	
		For 1-1/4" Mesh Fabric, Add	*693.76*	
		For 1-3/4" Mesh Fabric, Add	*431.12*	
		For 2-1/8" Mesh Fabric, Deduct	*-215.56*	
		For 20' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*417.79*	
		For 20' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*544.68*	
32 31 13 13-0564	EA	22' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	3,368.96	214.22
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-511.03*	
		For 1" Mesh Fabric, Add	*1,185.58*	
		For 1-1/4" Mesh Fabric, Add	*763.13*	
		For 1-3/4" Mesh Fabric, Add	*474.23*	
		For 2-1/8" Mesh Fabric, Deduct	*-237.12*	
		For 22' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*486.63*	
		For 22' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*645.91*	
32 31 13 13-0565	EA	24' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	3,708.19	244.72
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-557.48*	
		For 1" Mesh Fabric, Add	*1,293.36*	
		For 1-1/4" Mesh Fabric, Add	*832.51*	
		For 1-3/4" Mesh Fabric, Add	*517.34*	
		For 2-1/8" Mesh Fabric, Deduct	*-258.67*	
		For 24' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*521.64*	
		For 24' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*688.70*	
32 31 13 13-0566	EA	26' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	4,087.25	285.76
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-605.49*	
		For 1" Mesh Fabric, Add	*1,404.73*	
		For 1-1/4" Mesh Fabric, Add	*904.20*	
		For 1-3/4" Mesh Fabric, Add	*561.89*	
		For 2-1/8" Mesh Fabric, Deduct	*-280.95*	
		For 26' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*557.57*	
		For 26' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*732.38*	
32 31 13 13-0567	EA	28' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	4,505.71	342.58
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-651.95*	
		For 1" Mesh Fabric, Add	*1,512.51*	
		For 1-1/4" Mesh Fabric, Add	*973.57*	
		For 1-3/4" Mesh Fabric, Add	*605.00*	
		For 2-1/8" Mesh Fabric, Deduct	*-302.50*	
		For 28' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*592.57*	
		For 28' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*775.14*	
32 31 13 13-0568	EA	30' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	5,011.79	428.58
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-698.40*	
		For 1" Mesh Fabric, Add	*1,620.29*	
		For 1-1/4" Mesh Fabric, Add	*1,042.95*	
		For 1-3/4" Mesh Fabric, Add	*648.12*	
		For 2-1/8" Mesh Fabric, Deduct	*-324.06*	
		For 30' Wide Double Gates With 3 Strands Barbed Wire And Single Extension Arms, Add	*627.59*	
		For 30' Wide Double Gates With 6 Strands Barbed Wire And Double Extension Arms, Add	*817.92*	

32 31 13 13-0569 Chain Link Galvanized Steel Sliding Gate *(32 31 13 13-0286)*

Note: Includes posts (3" diameter posts for up to 15' wide gate and 4" diameter over 15' wide), caps, upper and lower rails, track brackets, roller gate wheel carrier, track rollers, 2" diameter Schedule 40 pipe frame top and bottom bar, and 1-1/2" bracing. Includes truss rod, latches, track rollers with brackets, pipe track clamps and two wheel carriers. Fabric: galvanized chain link 2" mesh # 9 gauge, galvanized 1.2 ounce coating. See CSI section 32 31 13 13-0672 for additonal gate accessories, 32 31 13 13-0744 for gate repacement parts.

32 31 13 13-0570 4' High Chain Link Galvanized Steel Sliding Gate *(32 31 13 13-0569)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0571	EA	10' Long x 4' High Chain Link Galvanized Steel Sliding Gate	3,303.99	422.97
		For 1" Mesh Fabric, Add	*1,069.22*	
		For 1-1/4" Mesh Fabric, Add	*688.23*	
		For 1-3/4" Mesh Fabric, Add	*427.69*	
		For 2-1/8" Mesh Fabric, Deduct	*-213.84*	
		For Gate With Barb Wire Arm, Add	*270.38*	
		For Vinyl Coated, Add	*737.39*	
32 31 13 13-0572	EA	12' Long x 4' High Chain Link Galvanized Steel Sliding Gate	3,970.79	510.67
		For 1" Mesh Fabric, Add	*1,283.07*	
		For 1-1/4" Mesh Fabric, Add	*825.88*	
		For 1-3/4" Mesh Fabric, Add	*513.23*	
		For 2-1/8" Mesh Fabric, Deduct	*-256.61*	
		For Gate With Barb Wire Arm, Add	*324.45*	
		For Vinyl Coated, Add	*884.87*	
32 31 13 13-0573	EA	14' Long x 4' High Chain Link Galvanized Steel Sliding Gate	4,632.83	595.77
		For 1" Mesh Fabric, Add	*1,496.91*	
		For 1-1/4" Mesh Fabric, Add	*963.53*	
		For 1-3/4" Mesh Fabric, Add	*598.77*	
		For 2-1/8" Mesh Fabric, Deduct	*-299.38*	
		For Gate With Barb Wire Arm, Add	*378.53*	
		For Vinyl Coated, Add	*1,032.35*	
32 31 13 13-0574	EA	16' Long x 4' High Chain Link Galvanized Steel Sliding Gate	5,302.27	684.76
		For 1" Mesh Fabric, Add	*1,710.76*	
		For 1-1/4" Mesh Fabric, Add	*1,101.18*	
		For 1-3/4" Mesh Fabric, Add	*684.30*	
		For 2-1/8" Mesh Fabric, Deduct	*-342.15*	
		For Gate With Barb Wire Arm, Add	*432.61*	
		For Vinyl Coated, Add	*1,179.83*	
32 31 13 13-0575	EA	18' Long x 4' High Chain Link Galvanized Steel Sliding Gate	5,965.10	770.37
		For 1" Mesh Fabric, Add	*1,924.61*	
		For 1-1/4" Mesh Fabric, Add	*1,238.83*	
		For 1-3/4" Mesh Fabric, Add	*769.84*	
		For 2-1/8" Mesh Fabric, Deduct	*-384.92*	
		For Gate With Barb Wire Arm, Add	*486.68*	
		For Vinyl Coated, Add	*1,327.31*	
32 31 13 13-0576	EA	20' Long x 4' High Chain Link Galvanized Steel Sliding Gate	6,612.13	848.04
		For 1" Mesh Fabric, Add	*2,138.45*	
		For 1-1/4" Mesh Fabric, Add	*1,376.47*	
		For 1-3/4" Mesh Fabric, Add	*855.38*	
		For 2-1/8" Mesh Fabric, Deduct	*-427.69*	
		For Gate With Barb Wire Arm, Add	*540.76*	
		For Vinyl Coated, Add	*1,474.79*	
32 31 13 13-0577	EA	24' Long x 4' High Chain Link Galvanized Steel Sliding Gate	7,898.31	1,021.21
		For 1" Mesh Fabric, Add	*2,547.31*	
		For 1-1/4" Mesh Fabric, Add	*1,639.65*	
		For 1-3/4" Mesh Fabric, Add	*1,018.92*	
		For 2-1/8" Mesh Fabric, Deduct	*-509.46*	
		For Gate With Barb Wire Arm, Add	*644.15*	
		For Vinyl Coated, Add	*1,756.76*	
32 31 13 13-0578	EA	30' Long x 4' High Chain Link Galvanized Steel Sliding Gate	11,229.19	1,927.63
		For 1" Mesh Fabric, Add	*3,207.67*	
		For 1-1/4" Mesh Fabric, Add	*2,064.71*	
		For 1-3/4" Mesh Fabric, Add	*1,283.07*	
		For 2-1/8" Mesh Fabric, Deduct	*-641.53*	
		For Gate With Barb Wire Arm, Add	*811.14*	
		For Vinyl Coated, Add	*2,212.19*	
32 31 13 13-0579	EA	40' Long x 4' High Chain Link Galvanized Steel Sliding Gate	14,972.24	2,570.17
		For 1" Mesh Fabric, Add	*4,276.89*	
		For 1-1/4" Mesh Fabric, Add	*2,752.94*	
		For 1-3/4" Mesh Fabric, Add	*1,710.76*	
		For 2-1/8" Mesh Fabric, Deduct	*-855.38*	
		For Gate With Barb Wire Arm, Add	*1,081.51*	
		For Vinyl Coated, Add	*2,949.58*	

32 31 13 13-0580 5' High Chain Link Galvanized Steel Sliding Gate *(32 31 13 13-0569)*

32 31 13 13-0581	EA	10' Long x 5' High Chain Link Galvanized Steel Sliding Gate	3,450.96	460.37
		For 1" Mesh Fabric, Add	*1,100.65*	
		For 1-1/4" Mesh Fabric, Add	*708.46*	
		For 1-3/4" Mesh Fabric, Add	*440.26*	
		For 2-1/8" Mesh Fabric, Deduct	*-220.13*	
		For Gate With Barb Wire Arm, Add	*278.32*	
		For Vinyl Coated, Add	*759.07*	
32 31 13 13-0582	EA	12' Long x 5' High Chain Link Galvanized Steel Sliding Gate	4,139.86	551.85
		For 1" Mesh Fabric, Add	*1,320.78*	
		For 1-1/4" Mesh Fabric, Add	*850.16*	
		For 1-3/4" Mesh Fabric, Add	*528.31*	
		For 2-1/8" Mesh Fabric, Deduct	*-264.16*	
		For Gate With Barb Wire Arm, Add	*333.99*	
		For Vinyl Coated, Add	*910.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0583	EA	14' Long x 5' High Chain Link Galvanized Steel Sliding Gate	4,829.61	643.71
		For 1" Mesh Fabric, Add	*1,540.91*	
		For 1-1/4" Mesh Fabric, Add	*991.85*	
		For 1-3/4" Mesh Fabric, Add	*616.36*	
		For 2-1/8" Mesh Fabric, Deduct	*-308.18*	
		For Gate With Barb Wire Arm, Add	*389.66*	
		For Vinyl Coated, Add	*1,062.70*	
32 31 13 13-0584	EA	16' Long x 5' High Chain Link Galvanized Steel Sliding Gate	5,519.93	735.84
		For 1" Mesh Fabric, Add	*1,761.04*	
		For 1-1/4" Mesh Fabric, Add	*1,133.54*	
		For 1-3/4" Mesh Fabric, Add	*704.42*	
		For 2-1/8" Mesh Fabric, Deduct	*-352.21*	
		For Gate With Barb Wire Arm, Add	*445.32*	
		For Vinyl Coated, Add	*1,214.51*	
32 31 13 13-0585	EA	18' Long x 5' High Chain Link Galvanized Steel Sliding Gate	6,209.61	827.58
		For 1" Mesh Fabric, Add	*1,981.16*	
		For 1-1/4" Mesh Fabric, Add	*1,275.23*	
		For 1-3/4" Mesh Fabric, Add	*792.47*	
		For 2-1/8" Mesh Fabric, Deduct	*-396.23*	
		For Gate With Barb Wire Arm, Add	*500.98*	
		For Vinyl Coated, Add	*1,366.32*	
32 31 13 13-0586	EA	20' Long x 5' High Chain Link Galvanized Steel Sliding Gate	6,899.63	919.58
		For 1" Mesh Fabric, Add	*2,201.29*	
		For 1-1/4" Mesh Fabric, Add	*1,416.92*	
		For 1-3/4" Mesh Fabric, Add	*880.52*	
		For 2-1/8" Mesh Fabric, Deduct	*-440.26*	
		For Gate With Barb Wire Arm, Add	*556.65*	
		For Vinyl Coated, Add	*1,518.13*	
32 31 13 13-0587	EA	24' Long x 5' High Chain Link Galvanized Steel Sliding Gate	8,237.51	1,104.74
		For 1" Mesh Fabric, Add	*2,622.18*	
		For 1-1/4" Mesh Fabric, Add	*1,687.84*	
		For 1-3/4" Mesh Fabric, Add	*1,048.87*	
		For 2-1/8" Mesh Fabric, Deduct	*-524.44*	
		For Gate With Barb Wire Arm, Add	*663.08*	
		For Vinyl Coated, Add	*1,808.40*	
32 31 13 13-0588	EA	30' Long x 5' High Chain Link Galvanized Steel Sliding Gate	10,349.94	1,379.69
		For 1" Mesh Fabric, Add	*3,301.94*	
		For 1-1/4" Mesh Fabric, Add	*2,125.39*	
		For 1-3/4" Mesh Fabric, Add	*1,320.78*	
		For 2-1/8" Mesh Fabric, Deduct	*-660.39*	
		For Gate With Barb Wire Arm, Add	*834.97*	
		For Vinyl Coated, Add	*2,277.20*	
32 31 13 13-0589	EA	40' Long x 5' High Chain Link Galvanized Steel Sliding Gate	13,799.27	1,839.14
		For 1" Mesh Fabric, Add	*4,402.59*	
		For 1-1/4" Mesh Fabric, Add	*2,833.85*	
		For 1-3/4" Mesh Fabric, Add	*1,761.03*	
		For 2-1/8" Mesh Fabric, Deduct	*-880.52*	
		For Gate With Barb Wire Arm, Add	*1,113.30*	
		For Vinyl Coated, Add	*3,036.27*	
32 31 13 13-0590		**6' High Chain Link Galvanized Steel Sliding Gate** *(32 31 13 13-0569)*		
32 31 13 13-0591	EA	10' Long x 6' High Chain Link Galvanized Steel Sliding Gate	3,660.16	539.73
		For 1" Mesh Fabric, Add	*1,122.64*	
		For 1-1/4" Mesh Fabric, Add	*722.62*	
		For 1-3/4" Mesh Fabric, Add	*449.06*	
		For 2-1/8" Mesh Fabric, Deduct	*-224.53*	
		For Gate With Barb Wire Arm, Add	*283.89*	
		For Vinyl Coated, Add	*774.24*	
32 31 13 13-0592	EA	12' Long x 6' High Chain Link Galvanized Steel Sliding Gate	4,388.39	645.67
		For 1" Mesh Fabric, Add	*1,347.17*	
		For 1-1/4" Mesh Fabric, Add	*867.15*	
		For 1-3/4" Mesh Fabric, Add	*538.87*	
		For 2-1/8" Mesh Fabric, Deduct	*-269.43*	
		For Gate With Barb Wire Arm, Add	*340.66*	
		For Vinyl Coated, Add	*929.09*	
32 31 13 13-0593	EA	14' Long x 6' High Chain Link Galvanized Steel Sliding Gate	5,119.55	753.17
		For 1" Mesh Fabric, Add	*1,571.70*	
		For 1-1/4" Mesh Fabric, Add	*1,011.67*	
		For 1-3/4" Mesh Fabric, Add	*628.68*	
		For 2-1/8" Mesh Fabric, Deduct	*-314.34*	
		For Gate With Barb Wire Arm, Add	*397.44*	
		For Vinyl Coated, Add	*1,083.93*	
32 31 13 13-0594	EA	16' Long x 6' High Chain Link Galvanized Steel Sliding Gate	5,851.19	860.94
		For 1" Mesh Fabric, Add	*1,796.23*	
		For 1-1/4" Mesh Fabric, Add	*1,156.20*	
		For 1-3/4" Mesh Fabric, Add	*718.49*	
		For 2-1/8" Mesh Fabric, Deduct	*-359.25*	
		For Gate With Barb Wire Arm, Add	*454.22*	
		For Vinyl Coated, Add	*1,238.78*	
32 31 13 13-0595	EA	18' Long x 6' High Chain Link Galvanized Steel Sliding Gate	6,582.36	968.44
		For 1" Mesh Fabric, Add	*2,020.76*	
		For 1-1/4" Mesh Fabric, Add	*1,300.72*	
		For 1-3/4" Mesh Fabric, Add	*808.30*	
		For 2-1/8" Mesh Fabric, Deduct	*-404.15*	
		For Gate With Barb Wire Arm, Add	*511.00*	
		For Vinyl Coated, Add	*1,393.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0596	EA	20' Long x 6' High Chain Link Galvanized Steel Sliding Gate	7,320.77	1,079.59
		For 1" Mesh Fabric, Add	*2,245.29*	
		For 1-1/4" Mesh Fabric, Add	*1,445.25*	
		For 1-3/4" Mesh Fabric, Add	*898.12*	
		For 2-1/8" Mesh Fabric, Deduct	*-449.06*	
		For Gate With Barb Wire Arm, Add	*567.77*	
		For Vinyl Coated, Add	*1,548.48*	
32 31 13 13-0597	EA	24' Long x 6' High Chain Link Galvanized Steel Sliding Gate	8,731.36	1,291.47
		For 1" Mesh Fabric, Add	*2,674.58*	
		For 1-1/4" Mesh Fabric, Add	*1,721.57*	
		For 1-3/4" Mesh Fabric, Add	*1,069.83*	
		For 2-1/8" Mesh Fabric, Deduct	*-534.92*	
		For Gate With Barb Wire Arm, Add	*676.33*	
		For Vinyl Coated, Add	*1,844.54*	
32 31 13 13-0598	EA	30' Long x 6' High Chain Link Galvanized Steel Sliding Gate	10,971.79	1,614.76
		For 1" Mesh Fabric, Add	*3,367.94*	
		For 1-1/4" Mesh Fabric, Add	*2,167.87*	
		For 1-3/4" Mesh Fabric, Add	*1,347.17*	
		For 2-1/8" Mesh Fabric, Deduct	*-673.59*	
		For Gate With Barb Wire Arm, Add	*851.66*	
		For Vinyl Coated, Add	*2,322.71*	
32 31 13 13-0599	EA	40' Long x 6' High Chain Link Galvanized Steel Sliding Gate	14,627.27	2,152.01
		For 1" Mesh Fabric, Add	*4,490.58*	
		For 1-1/4" Mesh Fabric, Add	*2,890.49*	
		For 1-3/4" Mesh Fabric, Add	*1,796.23*	
		For 2-1/8" Mesh Fabric, Deduct	*-898.12*	
		For Gate With Barb Wire Arm, Add	*1,135.55*	
		For Vinyl Coated, Add	*3,096.95*	
32 31 13 13-0600		7' High Chain Link Galvanized Steel Sliding Gate *(32 31 13 13-0569)*		
32 31 13 13-0601	EA	10' Long x 7' High Chain Link Galvanized Steel Sliding Gate	3,885.96	602.02
		For 1" Mesh Fabric, Add	*1,166.64*	
		For 1-1/4" Mesh Fabric, Add	*750.94*	
		For 1-3/4" Mesh Fabric, Add	*466.66*	
		For 2-1/8" Mesh Fabric, Deduct	*-233.33*	
		For Gate With Barb Wire Arm, Add	*295.01*	
		For Vinyl Coated, Add	*804.58*	
32 31 13 13-0602	EA	12' Long x 7' High Chain Link Galvanized Steel Sliding Gate	4,662.25	721.90
		For 1" Mesh Fabric, Add	*1,400.01*	
		For 1-1/4" Mesh Fabric, Add	*901.15*	
		For 1-3/4" Mesh Fabric, Add	*560.00*	
		For 2-1/8" Mesh Fabric, Deduct	*-280.00*	
		For Gate With Barb Wire Arm, Add	*354.03*	
		For Vinyl Coated, Add	*965.52*	
32 31 13 13-0603	EA	14' Long x 7' High Chain Link Galvanized Steel Sliding Gate	5,440.41	842.82
		For 1" Mesh Fabric, Add	*1,633.29*	
		For 1-1/4" Mesh Fabric, Add	*1,051.31*	
		For 1-3/4" Mesh Fabric, Add	*653.32*	
		For 2-1/8" Mesh Fabric, Deduct	*-326.66*	
		For Gate With Barb Wire Arm, Add	*413.02*	
		For Vinyl Coated, Add	*1,126.41*	
32 31 13 13-0604	EA	16' Long x 7' High Chain Link Galvanized Steel Sliding Gate	6,216.57	962.71
		For 1" Mesh Fabric, Add	*1,866.62*	
		For 1-1/4" Mesh Fabric, Add	*1,201.51*	
		For 1-3/4" Mesh Fabric, Add	*746.65*	
		For 2-1/8" Mesh Fabric, Deduct	*-373.32*	
		For Gate With Barb Wire Arm, Add	*472.02*	
		For Vinyl Coated, Add	*1,287.33*	
32 31 13 13-0605	EA	18' Long x 7' High Chain Link Galvanized Steel Sliding Gate	6,993.83	1,083.24
		For 1" Mesh Fabric, Add	*2,099.95*	
		For 1-1/4" Mesh Fabric, Add	*1,351.69*	
		For 1-3/4" Mesh Fabric, Add	*839.98*	
		For 2-1/8" Mesh Fabric, Deduct	*-419.99*	
		For Gate With Barb Wire Arm, Add	*531.02*	
		For Vinyl Coated, Add	*1,448.24*	
32 31 13 13-0606	EA	20' Long x 7' High Chain Link Galvanized Steel Sliding Gate	7,770.27	1,203.25
		For 1" Mesh Fabric, Add	*2,333.28*	
		For 1-1/4" Mesh Fabric, Add	*1,501.88*	
		For 1-3/4" Mesh Fabric, Add	*933.31*	
		For 2-1/8" Mesh Fabric, Deduct	*-466.66*	
		For Gate With Barb Wire Arm, Add	*590.03*	
		For Vinyl Coated, Add	*1,609.16*	
32 31 13 13-0607	EA	24' Long x 7' High Chain Link Galvanized Steel Sliding Gate	9,277.10	1,443.79
		For 1" Mesh Fabric, Add	*2,779.40*	
		For 1-1/4" Mesh Fabric, Add	*1,789.04*	
		For 1-3/4" Mesh Fabric, Add	*1,111.76*	
		For 2-1/8" Mesh Fabric, Deduct	*-555.88*	
		For Gate With Barb Wire Arm, Add	*702.84*	
		For Vinyl Coated, Add	*1,916.83*	
32 31 13 13-0608	EA	30' Long x 7' High Chain Link Galvanized Steel Sliding Gate	11,655.38	1,804.75
		For 1" Mesh Fabric, Add	*3,499.91*	
		For 1-1/4" Mesh Fabric, Add	*2,252.82*	
		For 1-3/4" Mesh Fabric, Add	*1,399.97*	
		For 2-1/8" Mesh Fabric, Deduct	*-699.98*	
		For Gate With Barb Wire Arm, Add	*885.04*	
		For Vinyl Coated, Add	*2,413.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0609	EA	40' Long x 7' High Chain Link Galvanized Steel Sliding Gate	15,540.53	2,406.37
		For 1" Mesh Fabric, Add	*4,666.56*	
		For 1-1/4" Mesh Fabric, Add	*3,003.76*	
		For 1-3/4" Mesh Fabric, Add	*1,866.62*	
		For 2-1/8" Mesh Fabric, Deduct	*-933.31*	
		For Gate With Barb Wire Arm, Add	*1,180.05*	
		For Vinyl Coated, Add	*3,218.32*	

32 31 13 13-0610 8' High Chain Link Galvanized Steel Sliding Gate *(32 31 13 13-0569)*

32 31 13 13-0611	EA	10' Long x 8' High Chain Link Galvanized Steel Sliding Gate	4,065.77	652.18
		For 1" Mesh Fabric, Add	*1,201.21*	
		For 1-1/4" Mesh Fabric, Add	*773.19*	
		For 1-3/4" Mesh Fabric, Add	*480.48*	
		For 2-1/8" Mesh Fabric, Deduct	*-240.24*	
		For Gate With Barb Wire Arm, Add	*303.75*	
		For Vinyl Coated, Add	*828.42*	
32 31 13 13-0612	EA	12' Long x 8' High Chain Link Galvanized Steel Sliding Gate	4,875.17	780.79
		For 1" Mesh Fabric, Add	*1,441.45*	
		For 1-1/4" Mesh Fabric, Add	*927.83*	
		For 1-3/4" Mesh Fabric, Add	*576.58*	
		For 2-1/8" Mesh Fabric, Deduct	*-288.29*	
		For Gate With Barb Wire Arm, Add	*364.50*	
		For Vinyl Coated, Add	*994.10*	
32 31 13 13-0613	EA	14' Long x 8' High Chain Link Galvanized Steel Sliding Gate	5,687.78	910.97
		For 1" Mesh Fabric, Add	*1,681.68*	
		For 1-1/4" Mesh Fabric, Add	*1,082.46*	
		For 1-3/4" Mesh Fabric, Add	*672.67*	
		For 2-1/8" Mesh Fabric, Deduct	*-336.34*	
		For Gate With Barb Wire Arm, Add	*425.25*	
		For Vinyl Coated, Add	*1,159.78*	
32 31 13 13-0614	EA	16' Long x 8' High Chain Link Galvanized Steel Sliding Gate	6,500.63	1,041.15
		For 1" Mesh Fabric, Add	*1,921.93*	
		For 1-1/4" Mesh Fabric, Add	*1,237.10*	
		For 1-3/4" Mesh Fabric, Add	*768.77*	
		For 2-1/8" Mesh Fabric, Deduct	*-384.39*	
		For Gate With Barb Wire Arm, Add	*486.00*	
		For Vinyl Coated, Add	*1,325.47*	
32 31 13 13-0615	EA	18' Long x 8' High Chain Link Galvanized Steel Sliding Gate	7,312.04	1,170.80
		For 1" Mesh Fabric, Add	*2,162.17*	
		For 1-1/4" Mesh Fabric, Add	*1,391.74*	
		For 1-3/4" Mesh Fabric, Add	*864.87*	
		For 2-1/8" Mesh Fabric, Deduct	*-432.43*	
		For Gate With Barb Wire Arm, Add	*546.76*	
		For Vinyl Coated, Add	*1,491.15*	
32 31 13 13-0616	EA	20' Long x 8' High Chain Link Galvanized Steel Sliding Gate	8,125.01	1,301.11
		For 1" Mesh Fabric, Add	*2,402.41*	
		For 1-1/4" Mesh Fabric, Add	*1,546.38*	
		For 1-3/4" Mesh Fabric, Add	*960.96*	
		For 2-1/8" Mesh Fabric, Deduct	*-480.48*	
		For Gate With Barb Wire Arm, Add	*607.51*	
		For Vinyl Coated, Add	*1,656.83*	
32 31 13 13-0617	EA	24' Long x 8' High Chain Link Galvanized Steel Sliding Gate	9,701.71	1,561.47
		For 1" Mesh Fabric, Add	*2,861.75*	
		For 1-1/4" Mesh Fabric, Add	*1,842.04*	
		For 1-3/4" Mesh Fabric, Add	*1,144.70*	
		For 2-1/8" Mesh Fabric, Deduct	*-572.35*	
		For Gate With Barb Wire Arm, Add	*723.66*	
		For Vinyl Coated, Add	*1,973.62*	
32 31 13 13-0618	EA	30' Long x 8' High Chain Link Galvanized Steel Sliding Gate	12,188.51	1,952.12
		For 1" Mesh Fabric, Add	*3,603.62*	
		For 1-1/4" Mesh Fabric, Add	*2,319.57*	
		For 1-3/4" Mesh Fabric, Add	*1,441.45*	
		For 2-1/8" Mesh Fabric, Deduct	*-720.72*	
		For Gate With Barb Wire Arm, Add	*911.26*	
		For Vinyl Coated, Add	*2,485.26*	
32 31 13 13-0619	EA	40' Long x 8' High Chain Link Galvanized Steel Sliding Gate	16,247.43	2,600.92
		For 1" Mesh Fabric, Add	*4,804.82*	
		For 1-1/4" Mesh Fabric, Add	*3,092.76*	
		For 1-3/4" Mesh Fabric, Add	*1,921.93*	
		For 2-1/8" Mesh Fabric, Deduct	*-960.96*	
		For Gate With Barb Wire Arm, Add	*1,215.01*	
		For Vinyl Coated, Add	*3,313.67*	

32 31 13 13-0620 9' High Chain Link Galvanized Steel Sliding Gate *(32 31 13 13-0569)*

32 31 13 13-0621	EA	10' Long x 9' High Chain Link Galvanized Steel Sliding Gate	4,278.25	711.47
		For 1" Mesh Fabric, Add	*1,242.06*	
		For 1-1/4" Mesh Fabric, Add	*799.48*	
		For 1-3/4" Mesh Fabric, Add	*496.82*	
		For 2-1/8" Mesh Fabric, Deduct	*-248.41*	
		For Gate With Barb Wire Arm, Add	*314.08*	
		For Vinyl Coated, Add	*856.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0622	EA	12' Long x 9' High Chain Link Galvanized Steel Sliding Gate	5,128.61	851.16
		For 1" Mesh Fabric, Add	*1,490.47*	
		For 1-1/4" Mesh Fabric, Add	*959.38*	
		For 1-3/4" Mesh Fabric, Add	*596.19*	
		For 2-1/8" Mesh Fabric, Deduct	*-298.09*	
		For Gate With Barb Wire Arm, Add	*376.90*	
		For Vinyl Coated, Add	*1,027.91*	
32 31 13 13-0623	EA	14' Long x 9' High Chain Link Galvanized Steel Sliding Gate	5,983.07	992.81
		For 1" Mesh Fabric, Add	*1,738.89*	
		For 1-1/4" Mesh Fabric, Add	*1,119.28*	
		For 1-3/4" Mesh Fabric, Add	*695.55*	
		For 2-1/8" Mesh Fabric, Deduct	*-347.78*	
		For Gate With Barb Wire Arm, Add	*439.72*	
		For Vinyl Coated, Add	*1,199.23*	
32 31 13 13-0624	EA	16' Long x 9' High Chain Link Galvanized Steel Sliding Gate	6,838.63	1,135.10
		For 1" Mesh Fabric, Add	*1,987.29*	
		For 1-1/4" Mesh Fabric, Add	*1,279.17*	
		For 1-3/4" Mesh Fabric, Add	*794.92*	
		For 2-1/8" Mesh Fabric, Deduct	*-397.46*	
		For Gate With Barb Wire Arm, Add	*502.53*	
		For Vinyl Coated, Add	*1,370.54*	
32 31 13 13-0625	EA	18' Long x 9' High Chain Link Galvanized Steel Sliding Gate	7,693.33	1,276.88
		For 1" Mesh Fabric, Add	*2,235.70*	
		For 1-1/4" Mesh Fabric, Add	*1,439.07*	
		For 1-3/4" Mesh Fabric, Add	*894.28*	
		For 2-1/8" Mesh Fabric, Deduct	*-447.14*	
		For Gate With Barb Wire Arm, Add	*565.35*	
		For Vinyl Coated, Add	*1,541.87*	
32 31 13 13-0626	EA	20' Long x 9' High Chain Link Galvanized Steel Sliding Gate	8,548.00	1,418.65
		For 1" Mesh Fabric, Add	*2,484.12*	
		For 1-1/4" Mesh Fabric, Add	*1,598.97*	
		For 1-3/4" Mesh Fabric, Add	*993.65*	
		For 2-1/8" Mesh Fabric, Deduct	*-496.82*	
		For Gate With Barb Wire Arm, Add	*628.17*	
		For Vinyl Coated, Add	*1,713.19*	
32 31 13 13-0627	EA	24' Long x 9' High Chain Link Galvanized Steel Sliding Gate	10,206.94	1,702.19
		For 1" Mesh Fabric, Add	*2,959.07*	
		For 1-1/4" Mesh Fabric, Add	*1,904.69*	
		For 1-3/4" Mesh Fabric, Add	*1,183.63*	
		For 2-1/8" Mesh Fabric, Deduct	*-591.81*	
		For Gate With Barb Wire Arm, Add	*748.27*	
		For Vinyl Coated, Add	*2,040.74*	
32 31 13 13-0628	EA	30' Long x 9' High Chain Link Galvanized Steel Sliding Gate	12,820.83	2,127.52
		For 1" Mesh Fabric, Add	*3,726.18*	
		For 1-1/4" Mesh Fabric, Add	*2,398.46*	
		For 1-3/4" Mesh Fabric, Add	*1,490.47*	
		For 2-1/8" Mesh Fabric, Deduct	*-745.24*	
		For Gate With Barb Wire Arm, Add	*942.25*	
		For Vinyl Coated, Add	*2,569.78*	
32 31 13 13-0629	EA	40' Long x 9' High Chain Link Galvanized Steel Sliding Gate	17,099.09	2,838.99
		For 1" Mesh Fabric, Add	*4,968.24*	
		For 1-1/4" Mesh Fabric, Add	*3,197.95*	
		For 1-3/4" Mesh Fabric, Add	*1,987.30*	
		For 2-1/8" Mesh Fabric, Deduct	*-993.65*	
		For Gate With Barb Wire Arm, Add	*1,256.34*	
		For Vinyl Coated, Add	*3,426.37*	

32 31 13 13-0630 10' High Chain Link Galvanized Steel Sliding Gate *(32 31 13 13-0569)*

32 31 13 13-0631	EA	10' Long x 10' High Chain Link Galvanized Steel Sliding Gate	4,543.35	782.62
		For 1" Mesh Fabric, Add	*1,295.48*	
		For 1-1/4" Mesh Fabric, Add	*833.87*	
		For 1-3/4" Mesh Fabric, Add	*518.19*	
		For 2-1/8" Mesh Fabric, Deduct	*-259.10*	
		For Gate With Barb Wire Arm, Add	*327.59*	
		For Vinyl Coated, Add	*893.43*	
32 31 13 13-0632	EA	12' Long x 10' High Chain Link Galvanized Steel Sliding Gate	5,452.03	939.12
		For 1" Mesh Fabric, Add	*1,554.58*	
		For 1-1/4" Mesh Fabric, Add	*1,000.65*	
		For 1-3/4" Mesh Fabric, Add	*621.83*	
		For 2-1/8" Mesh Fabric, Deduct	*-310.92*	
		For Gate With Barb Wire Arm, Add	*393.11*	
		For Vinyl Coated, Add	*1,072.12*	
32 31 13 13-0633	EA	14' Long x 10' High Chain Link Galvanized Steel Sliding Gate	6,361.24	1,095.88
		For 1" Mesh Fabric, Add	*1,813.68*	
		For 1-1/4" Mesh Fabric, Add	*1,167.42*	
		For 1-3/4" Mesh Fabric, Add	*725.47*	
		For 2-1/8" Mesh Fabric, Deduct	*-362.74*	
		For Gate With Barb Wire Arm, Add	*458.63*	
		For Vinyl Coated, Add	*1,250.81*	
32 31 13 13-0634	EA	16' Long x 10' High Chain Link Galvanized Steel Sliding Gate	7,269.69	1,252.38
		For 1" Mesh Fabric, Add	*2,072.77*	
		For 1-1/4" Mesh Fabric, Add	*1,334.20*	
		For 1-3/4" Mesh Fabric, Add	*829.11*	
		For 2-1/8" Mesh Fabric, Deduct	*-414.55*	
		For Gate With Barb Wire Arm, Add	*524.15*	
		For Vinyl Coated, Add	*1,429.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0635	EA	18' Long x 10' High Chain Link Galvanized Steel Sliding Gate	8,178.04	1,408.75
		For 1" Mesh Fabric, Add	*2,331.86*	
		For 1-1/4" Mesh Fabric, Add	*1,500.97*	
		For 1-3/4" Mesh Fabric, Add	*932.74*	
		For 2-1/8" Mesh Fabric, Deduct	*-466.37*	
		For Gate With Barb Wire Arm, Add	*589.67*	
		For Vinyl Coated, Add	*1,608.18*	
32 31 13 13-0636	EA	20' Long x 10' High Chain Link Galvanized Steel Sliding Gate	9,086.72	1,565.24
		For 1" Mesh Fabric, Add	*2,590.96*	
		For 1-1/4" Mesh Fabric, Add	*1,667.74*	
		For 1-3/4" Mesh Fabric, Add	*1,036.38*	
		For 2-1/8" Mesh Fabric, Deduct	*-518.19*	
		For Gate With Barb Wire Arm, Add	*655.19*	
		For Vinyl Coated, Add	*1,786.87*	
32 31 13 13-0637	EA	24' Long x 10' High Chain Link Galvanized Steel Sliding Gate	10,853.00	1,879.03
		For 1" Mesh Fabric, Add	*3,086.35*	
		For 1-1/4" Mesh Fabric, Add	*1,986.61*	
		For 1-3/4" Mesh Fabric, Add	*1,234.54*	
		For 2-1/8" Mesh Fabric, Deduct	*-617.27*	
		For Gate With Barb Wire Arm, Add	*780.46*	
		For Vinyl Coated, Add	*2,128.52*	
32 31 13 13-0638	EA	30' Long x 10' High Chain Link Galvanized Steel Sliding Gate	13,630.07	2,347.86
		For 1" Mesh Fabric, Add	*3,886.44*	
		For 1-1/4" Mesh Fabric, Add	*2,501.62*	
		For 1-3/4" Mesh Fabric, Add	*1,554.58*	
		For 2-1/8" Mesh Fabric, Deduct	*-777.29*	
		For Gate With Barb Wire Arm, Add	*982.78*	
		For Vinyl Coated, Add	*2,680.30*	
32 31 13 13-0639	EA	40' Long x 10' High Chain Link Galvanized Steel Sliding Gate	18,169.70	3,128.67
		For 1" Mesh Fabric, Add	*5,181.92*	
		For 1-1/4" Mesh Fabric, Add	*3,335.49*	
		For 1-3/4" Mesh Fabric, Add	*2,072.77*	
		For 2-1/8" Mesh Fabric, Deduct	*-1,036.38*	
		For Gate With Barb Wire Arm, Add	*1,310.37*	
		For Vinyl Coated, Add	*3,573.74*	

32 31 13 13-0640 Sliding Cantilever Gate, Single Track, Manually Operated Exposed Roller *(32 31 13 13-0286)*

Note: Includes posts (3" diameter posts for up to 15' wide gate and 4" diameter over 15' wide), caps, upper rail, track brackets, roller gate wheel carrier, metal track rollers for rail, 2" diameter Schedule 40 pipe frame top and bottom bar, and 1-1/2" bracing. Includes truss rod, latches, single track, track rollers with brackets, pipe track clamps and two wheel carriers. Fabric: galvanized chain link 2" mesh # 9 gauge, galvanized 1.2 ounce coating. Width listed on tasks is opening width of gate. See CSI section 32 31 11 00-0021 for gate operators.

32 31 13 13-0641	EA	5' High x 10' Wide Galvanized Cantilever Sliding Gate	8,464.01	521.22
		For 1" Mesh Fabric, Add	*3,228.38*	
		For 1-1/4" Mesh Fabric, Add	*2,078.04*	
		For 1-3/4" Mesh Fabric, Add	*1,291.35*	
		For 2-1/8" Mesh Fabric, Deduct	*-645.68*	
		For Gate With Single Barb Wire Arm, Add	*816.37*	
		For Gate With Double Barb Wire Arm, Add	*1,187.45*	
		For Aluminized Steel Gate And Post, Add	*3,562.35*	
		For Powder Coated Gate And Post, Add	*1,558.53*	
		For Vinyl Coated, Add	*2,226.47*	
32 31 13 13-0642	EA	5' High x 12' Wide Galvanized Cantilever Sliding Gate	9,229.84	651.53
		For 1" Mesh Fabric, Add	*3,448.14*	
		For 1-1/4" Mesh Fabric, Add	*2,219.50*	
		For 1-3/4" Mesh Fabric, Add	*1,379.26*	
		For 2-1/8" Mesh Fabric, Deduct	*-689.63*	
		For Gate With Single Barb Wire Arm, Add	*871.94*	
		For Gate With Double Barb Wire Arm, Add	*1,268.28*	
		For Aluminized Steel Gate And Post, Add	*3,804.85*	
		For Powder Coated Gate And Post, Add	*1,664.62*	
		For Vinyl Coated, Add	*2,378.03*	
32 31 13 13-0643	EA	5' High x 15' Wide Galvanized Cantilever Sliding Gate	10,002.60	781.84
		For 1" Mesh Fabric, Add	*3,670.93*	
		For 1-1/4" Mesh Fabric, Add	*2,362.90*	
		For 1-3/4" Mesh Fabric, Add	*1,468.37*	
		For 2-1/8" Mesh Fabric, Deduct	*-734.19*	
		For Gate With Single Barb Wire Arm, Add	*928.28*	
		For Gate With Double Barb Wire Arm, Add	*1,350.23*	
		For Aluminized Steel Gate And Post, Add	*4,050.68*	
		For Powder Coated Gate And Post, Add	*1,772.17*	
		For Vinyl Coated, Add	*2,531.68*	
32 31 13 13-0644	EA	5' High x 20' Wide Galvanized Cantilever Sliding Gate	11,649.02	1,042.45
		For 1" Mesh Fabric, Add	*4,160.39*	
		For 1-1/4" Mesh Fabric, Add	*2,677.95*	
		For 1-3/4" Mesh Fabric, Add	*1,664.16*	
		For 2-1/8" Mesh Fabric, Deduct	*-832.08*	
		For Gate With Single Barb Wire Arm, Add	*1,052.05*	
		For Gate With Double Barb Wire Arm, Add	*1,530.26*	
		For Aluminized Steel Gate And Post, Add	*4,590.77*	
		For Powder Coated Gate And Post, Add	*2,008.46*	
		For Vinyl Coated, Add	*2,869.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0645	EA	6' High x 15' Wide Galvanized Cantilever Sliding Gate	10,776.00	1,042.45
		For 1" Mesh Fabric, Add	*3,780.62*	
		For 1-1/4" Mesh Fabric, Add	*2,433.51*	
		For 1-3/4" Mesh Fabric, Add	*1,512.25*	
		For 2-1/8" Mesh Fabric, Deduct	*-756.12*	
		For Gate With Single Barb Wire Arm, Add	*956.02*	
		For Gate With Double Barb Wire Arm, Add	*1,390.57*	
		For Aluminized Steel Gate And Post, Add	*4,171.72*	
		For Powder Coated Gate And Post, Add	*1,825.13*	
		For Vinyl Coated, Add	*2,607.33*	
32 31 13 13-0646	EA	6' High x 20' Wide Galvanized Cantilever Sliding Gate	12,524.35	1,368.22
		For 1" Mesh Fabric, Add	*4,257.74*	
		For 1-1/4" Mesh Fabric, Add	*2,740.61*	
		For 1-3/4" Mesh Fabric, Add	*1,703.10*	
		For 2-1/8" Mesh Fabric, Deduct	*-851.55*	
		For Gate With Single Barb Wire Arm, Add	*1,076.67*	
		For Gate With Double Barb Wire Arm, Add	*1,566.07*	
		For Aluminized Steel Gate And Post, Add	*4,698.20*	
		For Powder Coated Gate And Post, Add	*2,055.46*	
		For Vinyl Coated, Add	*2,936.37*	
32 31 13 13-0647	EA	6' High x 25' Wide Galvanized Cantilever Sliding Gate	16,691.12	1,693.99
		For 1" Mesh Fabric, Add	*5,786.87*	
		For 1-1/4" Mesh Fabric, Add	*3,724.88*	
		For 1-3/4" Mesh Fabric, Add	*2,314.75*	
		For 2-1/8" Mesh Fabric, Deduct	*-1,157.37*	
		For Gate With Single Barb Wire Arm, Add	*1,463.35*	
		For Gate With Double Barb Wire Arm, Add	*2,128.50*	
		For Aluminized Steel Gate And Post, Add	*6,385.51*	
		For Powder Coated Gate And Post, Add	*2,793.66*	
		For Vinyl Coated, Add	*3,990.95*	
32 31 13 13-0648	EA	6' High x 30' Wide Galvanized Cantilever Sliding Gate	18,721.20	2,019.75
		For 1" Mesh Fabric, Add	*6,386.54*	
		For 1-1/4" Mesh Fabric, Add	*4,110.87*	
		For 1-3/4" Mesh Fabric, Add	*2,554.61*	
		For 2-1/8" Mesh Fabric, Deduct	*-1,277.31*	
		For Gate With Single Barb Wire Arm, Add	*1,614.99*	
		For Gate With Double Barb Wire Arm, Add	*2,349.07*	
		For Aluminized Steel Gate And Post, Add	*7,047.21*	
		For Powder Coated Gate And Post, Add	*3,083.15*	
		For Vinyl Coated, Add	*4,404.51*	
32 31 13 13-0649	EA	6' High x 36' Wide Galvanized Cantilever Sliding Gate	22,048.46	2,215.21
		For 1" Mesh Fabric, Add	*7,663.84*	
		For 1-1/4" Mesh Fabric, Add	*4,933.05*	
		For 1-3/4" Mesh Fabric, Add	*3,065.54*	
		For 2-1/8" Mesh Fabric, Deduct	*-1,532.77*	
		For Gate With Single Barb Wire Arm, Add	*1,937.98*	
		For Gate With Double Barb Wire Arm, Add	*2,818.88*	
		For Aluminized Steel Gate And Post, Add	*8,456.65*	
		For Powder Coated Gate And Post, Add	*3,699.79*	
		For Vinyl Coated, Add	*5,285.41*	
32 31 13 13-0650	EA	8' High x 15' Wide Galvanized Cantilever Sliding Gate	12,549.68	1,303.07
		For 1" Mesh Fabric, Add	*4,325.44*	
		For 1-1/4" Mesh Fabric, Add	*2,784.19*	
		For 1-3/4" Mesh Fabric, Add	*1,730.18*	
		For 2-1/8" Mesh Fabric, Deduct	*-865.09*	
		For Gate With Single Barb Wire Arm, Add	*1,093.79*	
		For Gate With Double Barb Wire Arm, Add	*1,590.97*	
		For Aluminized Steel Gate And Post, Add	*4,772.90*	
		For Powder Coated Gate And Post, Add	*2,088.15*	
		For Vinyl Coated, Add	*2,983.07*	
32 31 13 13-0651	EA	8' High x 20' Wide Galvanized Cantilever Sliding Gate	14,714.84	1,759.14
		For 1" Mesh Fabric, Add	*4,870.50*	
		For 1-1/4" Mesh Fabric, Add	*3,135.03*	
		For 1-3/4" Mesh Fabric, Add	*1,948.20*	
		For 2-1/8" Mesh Fabric, Deduct	*-974.10*	
		For Gate With Single Barb Wire Arm, Add	*1,231.62*	
		For Gate With Double Barb Wire Arm, Add	*1,791.45*	
		For Aluminized Steel Gate And Post, Add	*5,374.34*	
		For Powder Coated Gate And Post, Add	*2,351.28*	
		For Vinyl Coated, Add	*3,358.97*	
32 31 13 13-0652	EA	8' High x 25' Wide Galvanized Cantilever Sliding Gate	19,648.06	2,215.21
		For 1" Mesh Fabric, Add	*6,619.67*	
		For 1-1/4" Mesh Fabric, Add	*4,260.94*	
		For 1-3/4" Mesh Fabric, Add	*2,647.87*	
		For 2-1/8" Mesh Fabric, Deduct	*-1,323.93*	
		For Gate With Single Barb Wire Arm, Add	*1,673.94*	
		For Gate With Double Barb Wire Arm, Add	*2,434.82*	
		For Aluminized Steel Gate And Post, Add	*7,304.46*	
		For Powder Coated Gate And Post, Add	*3,195.70*	
		For Vinyl Coated, Add	*4,565.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0653	EA	8' High x 30' Wide Galvanized Cantilever Sliding Gate	22,004.89	2,606.13
		For 1" Mesh Fabric, Add	*7,304.79*	
		For 1-1/4" Mesh Fabric, Add	*4,701.94*	
		For 1-3/4" Mesh Fabric, Add	*2,921.92*	
		For 2-1/8" Mesh Fabric, Deduct	*-1,460.96*	
		For Gate With Single Barb Wire Arm, Add	*1,847.19*	
		For Gate With Double Barb Wire Arm, Add	*2,686.82*	
		For Aluminized Steel Gate And Post, Add	*8,060.46*	
		For Powder Coated Gate And Post, Add	*3,526.45*	
		For Vinyl Coated, Add	*5,037.79*	
32 31 13 13-0654	EA	8' High x 36' Wide Galvanized Cantilever Sliding Gate	25,884.65	2,866.74
		For 1" Mesh Fabric, Add	*8,765.75*	
		For 1-1/4" Mesh Fabric, Add	*5,642.32*	
		For 1-3/4" Mesh Fabric, Add	*3,506.30*	
		For 2-1/8" Mesh Fabric, Deduct	*-1,753.15*	
		For Gate With Single Barb Wire Arm, Add	*2,216.63*	
		For Gate With Double Barb Wire Arm, Add	*3,224.19*	
		For Aluminized Steel Gate And Post, Add	*9,672.56*	
		For Powder Coated Gate And Post, Add	*4,231.74*	
		For Vinyl Coated, Add	*6,045.35*	
32 31 13 13-0655	EA	10' High x 15' Wide Galvanized Cantilever Sliding Gate	14,313.85	1,563.68
		For 1" Mesh Fabric, Add	*4,866.12*	
		For 1-1/4" Mesh Fabric, Add	*3,132.22*	
		For 1-3/4" Mesh Fabric, Add	*1,946.45*	
		For 2-1/8" Mesh Fabric, Deduct	*-973.22*	
		For Gate With Single Barb Wire Arm, Add	*1,230.51*	
		For Gate With Double Barb Wire Arm, Add	*1,789.84*	
		For Aluminized Steel Gate And Post, Add	*5,369.52*	
		For Powder Coated Gate And Post, Add	*2,349.16*	
		For Vinyl Coated, Add	*3,355.95*	
32 31 13 13-0656	EA	10' High x 20' Wide Galvanized Cantilever Sliding Gate	16,495.67	2,019.75
		For 1" Mesh Fabric, Add	*5,418.43*	
		For 1-1/4" Mesh Fabric, Add	*3,487.72*	
		For 1-3/4" Mesh Fabric, Add	*2,167.37*	
		For 2-1/8" Mesh Fabric, Deduct	*-1,083.69*	
		For Gate With Single Barb Wire Arm, Add	*1,370.18*	
		For Gate With Double Barb Wire Arm, Add	*1,992.99*	
		For Aluminized Steel Gate And Post, Add	*5,978.96*	
		For Powder Coated Gate And Post, Add	*2,615.79*	
		For Vinyl Coated, Add	*3,736.85*	
32 31 13 13-0657	EA	10' High x 25' Wide Galvanized Cantilever Sliding Gate	21,810.88	2,345.52
		For 1" Mesh Fabric, Add	*7,447.13*	
		For 1-1/4" Mesh Fabric, Add	*4,793.56*	
		For 1-3/4" Mesh Fabric, Add	*2,978.85*	
		For 2-1/8" Mesh Fabric, Deduct	*-1,489.43*	
		For Gate With Single Barb Wire Arm, Add	*1,883.18*	
		For Gate With Double Barb Wire Arm, Add	*2,739.17*	
		For Aluminized Steel Gate And Post, Add	*8,217.52*	
		For Powder Coated Gate And Post, Add	*3,595.17*	
		For Vinyl Coated, Add	*5,135.95*	
32 31 13 13-0658	EA	10' High x 30' Wide Galvanized Cantilever Sliding Gate	24,364.58	2,736.44
		For 1" Mesh Fabric, Add	*8,217.89*	
		For 1-1/4" Mesh Fabric, Add	*5,289.68*	
		For 1-3/4" Mesh Fabric, Add	*3,287.16*	
		For 2-1/8" Mesh Fabric, Deduct	*-1,643.58*	
		For Gate With Single Barb Wire Arm, Add	*2,078.09*	
		For Gate With Double Barb Wire Arm, Add	*3,022.67*	
		For Aluminized Steel Gate And Post, Add	*9,068.02*	
		For Powder Coated Gate And Post, Add	*3,967.26*	
		For Vinyl Coated, Add	*5,667.51*	
32 31 13 13-0659	EA	10' High x 36' Wide Galvanized Cantilever Sliding Gate	28,664.17	2,997.05
		For 1" Mesh Fabric, Add	*9,861.48*	
		For 1-1/4" Mesh Fabric, Add	*6,347.62*	
		For 1-3/4" Mesh Fabric, Add	*3,944.59*	
		For 2-1/8" Mesh Fabric, Deduct	*-1,972.30*	
		For Gate With Single Barb Wire Arm, Add	*2,493.71*	
		For Gate With Double Barb Wire Arm, Add	*3,627.21*	
		For Aluminized Steel Gate And Post, Add	*10,881.63*	
		For Powder Coated Gate And Post, Add	*4,760.71*	
		For Vinyl Coated, Add	*6,801.02*	
32 31 13 13-0660	EA	12' High x 15' Wide Galvanized Cantilever Sliding Gate	16,942.06	1,759.14
		For 1" Mesh Fabric, Add	*5,839.35*	
		For 1-1/4" Mesh Fabric, Add	*3,758.66*	
		For 1-3/4" Mesh Fabric, Add	*2,335.74*	
		For 2-1/8" Mesh Fabric, Deduct	*-1,167.87*	
		For Gate With Single Barb Wire Arm, Add	*1,476.62*	
		For Gate With Double Barb Wire Arm, Add	*2,147.81*	
		For Aluminized Steel Gate And Post, Add	*6,443.42*	
		For Powder Coated Gate And Post, Add	*2,819.00*	
		For Vinyl Coated, Add	*4,027.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0661	EA	12' High x 20' Wide Galvanized Cantilever Sliding Gate	19,545.77	2,215.21
		For 1" Mesh Fabric, Add	*6,575.17*	
		For 1-1/4" Mesh Fabric, Add	*4,232.30*	
		For 1-3/4" Mesh Fabric, Add	*2,630.07*	
		For 2-1/8" Mesh Fabric, Deduct	*-1,315.03*	
		For Gate With Single Barb Wire Arm, Add	*1,662.69*	
		For Gate With Double Barb Wire Arm, Add	*2,418.45*	
		For Aluminized Steel Gate And Post, Add	*7,255.36*	
		For Powder Coated Gate And Post, Add	*3,174.22*	
		For Vinyl Coated, Add	*4,534.60*	
32 31 13 13-0662	EA	12' High x 25' Wide Galvanized Cantilever Sliding Gate	25,625.76	2,540.98
		For 1" Mesh Fabric, Add	*8,936.55*	
		For 1-1/4" Mesh Fabric, Add	*5,752.26*	
		For 1-3/4" Mesh Fabric, Add	*3,574.62*	
		For 2-1/8" Mesh Fabric, Deduct	*-1,787.31*	
		For Gate With Single Barb Wire Arm, Add	*2,259.82*	
		For Gate With Double Barb Wire Arm, Add	*3,287.01*	
		For Aluminized Steel Gate And Post, Add	*9,861.02*	
		For Powder Coated Gate And Post, Add	*4,314.20*	
		For Vinyl Coated, Add	*6,163.14*	
32 31 13 13-0663	EA	12' High x 30' Wide Galvanized Cantilever Sliding Gate	28,403.55	2,866.74
		For 1" Mesh Fabric, Add	*9,861.48*	
		For 1-1/4" Mesh Fabric, Add	*6,347.62*	
		For 1-3/4" Mesh Fabric, Add	*3,944.59*	
		For 2-1/8" Mesh Fabric, Deduct	*-1,972.30*	
		For Gate With Single Barb Wire Arm, Add	*2,493.71*	
		For Gate With Double Barb Wire Arm, Add	*3,627.21*	
		For Aluminized Steel Gate And Post, Add	*10,881.63*	
		For Powder Coated Gate And Post, Add	*4,760.71*	
		For Vinyl Coated, Add	*6,801.02*	
32 31 13 13-0664	EA	12' High x 36' Wide Galvanized Cantilever Sliding Gate	32,283.30	3,127.36
		For 1" Mesh Fabric, Add	*11,322.43*	
		For 1-1/4" Mesh Fabric, Add	*7,288.00*	
		For 1-3/4" Mesh Fabric, Add	*4,528.97*	
		For 2-1/8" Mesh Fabric, Deduct	*-2,264.49*	
		For Gate With Single Barb Wire Arm, Add	*2,863.14*	
		For Gate With Double Barb Wire Arm, Add	*4,164.57*	
		For Aluminized Steel Gate And Post, Add	*12,493.72*	
		For Powder Coated Gate And Post, Add	*5,466.00*	
		For Vinyl Coated, Add	*7,808.57*	

32 31 13 13-0665 Sliding Cantilever Gate, Double Track, Manually Operated Exposed Roller

(32 31 13 13-0286)

Note: Includes 4" posts, caps, rails, wheel, rollers, 2" diameter Schedule 40 pipe frame top and bottom bar, and 1-1/2" bracing. Includes truss rod, latches, upper and lower tracks, track brackets, metal track rollers with brackets for rails, pipe track clamps and two wheel carriers. Fabric: galvanized chain link 2" mesh # 9 gauge, galvanized 1.2 ounce coating. Width listed on tasks is opening width of gate. See CSI section 32 31 11 00-0021 for gate operators.

32 31 13 13-0666	EA	6' High x 32' Wide Galvanized Cantilever Sliding Gate, Double Track	29,379.81	2,736.44
		For Gate With Single Barb Wire Arm, Add	*2,773.10*	
		For Gate With Double Barb Wire Arm, Add	*4,033.60*	
		For Aluminized Steel Gate And Post, Add	*12,100.80*	
		For Powder Coated Gate And Post, Add	*5,294.10*	
		For Vinyl Coated, Add	*7,563.00*	
32 31 13 13-0667	EA	6' High x 36' Wide Galvanized Cantilever Sliding Gate, Double Track	32,113.85	2,280.36
		For Gate With Single Barb Wire Arm, Add	*3,030.84*	
		For Gate With Double Barb Wire Arm, Add	*4,408.50*	
		For Aluminized Steel Gate And Post, Add	*13,225.50*	
		For Powder Coated Gate And Post, Add	*5,786.16*	
		For Vinyl Coated, Add	*8,265.94*	
32 31 13 13-0668	EA	6' High x 40' Wide Galvanized Cantilever Sliding Gate, Double Track	42,965.87	2,736.44
		For Gate With Single Barb Wire Arm, Add	*4,124.23*	
		For Gate With Double Barb Wire Arm, Add	*5,998.88*	
		For Aluminized Steel Gate And Post, Add	*17,996.64*	
		For Powder Coated Gate And Post, Add	*7,873.53*	
		For Vinyl Coated, Add	*11,247.90*	
32 31 13 13-0669	EA	8' High x 32' Wide Galvanized Cantilever Sliding Gate, Double Track	35,724.87	2,736.44
		For Gate With Single Barb Wire Arm, Add	*3,327.72*	
		For Gate With Double Barb Wire Arm, Add	*4,840.32*	
		For Aluminized Steel Gate And Post, Add	*14,520.96*	
		For Powder Coated Gate And Post, Add	*6,352.92*	
		For Vinyl Coated, Add	*9,075.60*	
32 31 13 13-0670	EA	8' High x 36' Wide Galvanized Cantilever Sliding Gate, Double Track	39,057.86	2,997.05
		For Gate With Single Barb Wire Arm, Add	*3,637.01*	
		For Gate With Double Barb Wire Arm, Add	*5,290.20*	
		For Aluminized Steel Gate And Post, Add	*15,870.60*	
		For Powder Coated Gate And Post, Add	*6,943.39*	
		For Vinyl Coated, Add	*9,919.13*	
32 31 13 13-0671	EA	8' High x 40' Wide Galvanized Cantilever Sliding Gate, Double Track	44,008.33	3,257.66
		For Gate With Single Barb Wire Arm, Add	*4,124.23*	
		For Gate With Double Barb Wire Arm, Add	*5,998.88*	
		For Aluminized Steel Gate And Post, Add	*17,996.64*	
		For Powder Coated Gate And Post, Add	*7,873.53*	
		For Vinyl Coated, Add	*11,247.90*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0672		**Gate Accessories** *(32 31 13 13-0286)*		
32 31 13 13-0673	EA	3" Wheel Diameter, 1" Wheel Width, Black Rubber, Spring-loaded Gate Caster Note: 100 Lb. max weight capacity	62.46	14.23
32 31 13 13-0674	EA	4" Wheel Diameter, 1-1/4" Wheel Width, Black Rubber, Spring-loaded Gate Caster Note: 225 Lb. max weight capacity	72.71	14.23
32 31 13 13-0675	EA	6" Wheel Diameter, 2" Wheel Width, Black Rubber, Spring-loaded Gate Caster Note: 550 Lb. max weight capacity	138.55	14.23
32 31 13 13-0676	EA	Gate Center Stop, Cast Steel, Ground	45.17	
32 31 13 13-0677	EA	Gate Latch, Malleable Galvanized Steel	53.94	
32 31 13 13-0678	EA	Gate Keeper, Full Length, Galvanized Steel	243.85	
32 31 13 13-0679	EA	Gate Keeper Hold-Open For Cantilever Gate	115.55	21.60
32 31 13 13-0680	EA	Heavy-Duty Gate Latch, Malleable Galvanized Steel	65.72	
32 31 13 13-0681	EA	Gate Keeper, Full Length, Stainless Steel, Internal Locking Device With 3/4" Stainless Steel Rod For 3' To 5' High Gate	1,144.48	
32 31 13 13-0682	EA	Gate Keeper, Full Length, Stainless Steel, Internal Locking Device With 3/4" Stainless Steel Rod For >5' To 8' High Gate	1,227.07	
32 31 13 13-0683	EA	Gate Keeper, Full Length, Stainless Steel, Internal Locking Device With 3/4" Stainless Steel Rod For >8' To 12' High Gate	1,309.67	
32 31 13 13-0684	LF	Aluminum V-Groove Gate Track	62.03	12.49
32 31 13 13-0685	LF	Galvanized Steel V-Groove Gate Track	45.87	12.49
32 31 13 13-0686		**Accessories** *(32 31 13 13)*		
32 31 13 13-0687		**Barbed And Concertina Wire** *(32 31 13 13-0686)*		
32 31 13 13-0688		**Single Strand Barbed Wire** *(32 31 13 13-0687)*		
32 31 13 13-0689	LF	12-1/2 Gauge, 4 Points, 5" O. C., ASTM A121, Class 1, Galvanized Barbed Wire, Per Strand Note: Includes clips. 4 points 12-1/2 Gauge, Class I.	1.28	0.56
		For >500 To 2,000, Deduct	*-0.06*	
		For >2,000 To 5,000, Deduct	*-0.09*	
32 31 13 13-0690	LF	12-1/2 Gauge, 4 Points, 5" O. C., ASTM A121, Class 3, Galvanized Barbed Wire, Per Strand	1.33	0.56
		For >500 To 2,000, Deduct	*-0.06*	
		For >2,000 To 5,000, Deduct	*-0.09*	
32 31 13 13-0691	LF	Vinyl Coated Barbed Wire (Fused), Per Strand Note: Includes clips.	1.44	0.56
		For >500 To 2,000, Deduct	*-0.06*	
		For >2,000 To 5,000, Deduct	*-0.09*	
32 31 13 13-0692	EA	Chain Link 2-1/2" (2-3/8" OD) x 1-5/8", 3 Strand, 45 Degree, Galvanized Steel, Barbed Wire Single Arm Mounted On Top Of Post	17.77	9.09
32 31 13 13-0693	EA	Chain Link 2-1/2" (2-3/8" OD) x 1-5/8", 6 Strand, 45 Degree, Galvanized Steel, Barbed Wire V-Barb Arm Mounted On Top Of Post	30.25	10.92
32 31 13 13-0694	EA	Barbed Wire Eye Tops (For Single Strand) Mounted On Top Of Post	14.88	9.09
32 31 13 13-0695		**Galvanized Steel Concertina (Razor) Wire, Single Coil** *(32 31 13 13-0687)*		
32 31 13 13-0696	LF	18" Diameter, 18" On Center Galvanized Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence	6.02	0.80
		For >500 To 1,500, Deduct	*-0.51*	
		For >1,500 To 5,000, Deduct	*-1.02*	
		For >5,000, Deduct	*-1.43*	
		For Ground Installation, Deduct	*-0.57*	
		For Double Coil (Helix), Add	*4.88*	
32 31 13 13-0697	LF	18" Diameter, 12" On Center Galvanized Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence	9.08	0.80
		For >500 To 1,500, Deduct	*-0.77*	
		For >1,500 To 5,000, Deduct	*-1.53*	
		For >5,000, Deduct	*-2.16*	
		For Ground Installation, Deduct	*-0.85*	
		For Double Coil (Helix), Add	*7.38*	
32 31 13 13-0698	LF	18" Diameter, 9" On Center Galvanized Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence	12.03	0.80
		For >500 To 1,500, Deduct	*-1.02*	
		For >1,500 To 5,000, Deduct	*-2.03*	
		For >5,000, Deduct	*-2.86*	
		For Ground Installation, Deduct	*-1.14*	
		For Double Coil (Helix), Add	*9.76*	
32 31 13 13-0699	LF	24" Diameter, 18" On Center Galvanized Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence	10.50	0.80
		For >500 To 1,500, Deduct	*-0.85*	
		For >1,500 To 5,000, Deduct	*-1.70*	
		For >5,000, Deduct	*-2.35*	
		For Ground Installation, Deduct	*-0.63*	
		For Double Coil (Helix), Add	*9.24*	
32 31 13 13-0700	LF	24" Diameter, 12" On Center Galvanized Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence	15.87	0.80
		For >500 To 1,500, Deduct	*-1.29*	
		For >1,500 To 5,000, Deduct	*-2.57*	
		For >5,000, Deduct	*-3.55*	
		For Ground Installation, Deduct	*-0.95*	
		For Double Coil (Helix), Add	*13.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0701	LF	24" Diameter, 9" On Center Galvanized Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence	20.96	0.80
		For >500 To 1,500, Deduct	*-1.70*	
		For >1,500 To 5,000, Deduct	*-3.40*	
		For >5,000, Deduct	*-4.69*	
		For Ground Installation, Deduct	*-1.26*	
		For Double Coil (Helix), Add	*18.45*	
32 31 13 13-0702	LF	30" Diameter, 18" On Center Galvanized Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence	34.11	0.80
		For >500 To 1,500, Deduct	*-2.63*	
		For >1,500 To 5,000, Deduct	*-5.26*	
		For >5,000, Deduct	*-7.11*	
		For Ground Installation, Deduct	*-0.71*	
		For Double Coil (Helix), Add	*32.69*	
32 31 13 13-0703	LF	30" Diameter, 12" On Center Galvanized Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence	51.65	0.80
		For >500 To 1,500, Deduct	*-3.98*	
		For >1,500 To 5,000, Deduct	*-7.96*	
		For >5,000, Deduct	*-10.76*	
		For Ground Installation, Deduct	*-1.07*	
		For Double Coil (Helix), Add	*49.52*	
32 31 13 13-0704	LF	30" Diameter, 9" On Center Galvanized Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence	68.23	0.80
		For >500 To 1,500, Deduct	*-5.26*	
		For >1,500 To 5,000, Deduct	*-10.52*	
		For >5,000, Deduct	*-14.21*	
		For Ground Installation, Deduct	*-1.42*	
		For Double Coil (Helix), Add	*65.39*	

32 31 13 13-0705 Stainless Steel Concertina (Razor) Wire, Single Coil *(32 31 13 13-0687)*

32 31 13 13-0706	LF	18" Diameter, 18" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence	11.39	0.80
		For >500 To 1,500, Deduct	*-0.91*	
		For >1,500 To 5,000, Deduct	*-1.82*	
		For >5,000, Deduct	*-2.51*	
		For Ground Installation, Deduct	*-0.57*	
		For Double Coil (Helix), Add	*10.25*	
32 31 13 13-0707	LF	18" Diameter, 12" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence	17.21	0.80
		For >500 To 1,500, Deduct	*-1.38*	
		For >1,500 To 5,000, Deduct	*-2.75*	
		For >5,000, Deduct	*-3.78*	
		For Ground Installation, Deduct	*-0.85*	
		For Double Coil (Helix), Add	*15.51*	
32 31 13 13-0708	LF	18" Diameter, 9" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence	22.77	0.80
		For >500 To 1,500, Deduct	*-1.82*	
		For >1,500 To 5,000, Deduct	*-3.64*	
		For >5,000, Deduct	*-5.01*	
		For Ground Installation, Deduct	*-1.14*	
		For Double Coil (Helix), Add	*20.50*	
32 31 13 13-0709	LF	24" Diameter, 18" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence	15.06	0.80
		For >500 To 1,500, Deduct	*-1.19*	
		For >1,500 To 5,000, Deduct	*-2.39*	
		For >5,000, Deduct	*-3.27*	
		For Ground Installation, Deduct	*-0.63*	
		For Double Coil (Helix), Add	*13.80*	
32 31 13 13-0710	LF	24" Diameter, 12" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence	22.77	0.80
		For >500 To 1,500, Deduct	*-1.80*	
		For >1,500 To 5,000, Deduct	*-3.61*	
		For >5,000, Deduct	*-4.93*	
		For Ground Installation, Deduct	*-0.95*	
		For Double Coil (Helix), Add	*20.88*	
32 31 13 13-0711	LF	24" Diameter, 9" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence	30.07	0.80
		For >500 To 1,500, Deduct	*-2.38*	
		For >1,500 To 5,000, Deduct	*-4.76*	
		For >5,000, Deduct	*-6.52*	
		For Ground Installation, Deduct	*-1.26*	
		For Double Coil (Helix), Add	*27.56*	
32 31 13 13-0712	LF	30" Diameter, 18" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence	51.35	0.80
		For >500 To 1,500, Deduct	*-3.92*	
		For >1,500 To 5,000, Deduct	*-7.84*	
		For >5,000, Deduct	*-10.55*	
		For Ground Installation, Deduct	*-0.71*	
		For Double Coil (Helix), Add	*49.93*	
32 31 13 13-0713	LF	30" Diameter, 12" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence	77.77	0.80
		For >500 To 1,500, Deduct	*-5.94*	
		For >1,500 To 5,000, Deduct	*-11.88*	
		For >5,000, Deduct	*-15.98*	
		For Ground Installation, Deduct	*-1.07*	
		For Double Coil (Helix), Add	*75.64*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0714	LF	30" Diameter, 9" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence	102.70	0.80
		For >500 To 1,500, Deduct	*-7.84*	
		For >1,500 To 5,000, Deduct	*-15.69*	
		For >5,000, Deduct	*-21.11*	
		For Ground Installation, Deduct	*-1.42*	
		For Double Coil (Helix), Add	*99.86*	
32 31 13 13-0715		**Grounding For Gates** *(32 31 13 13-0686)*		
		Note: Includes two of each of the following per opening: 5/8 ground rods, clamps, braided straps and #6 bare copper wire.		
32 31 13 13-0716	OPNG	Grounding For Gates (Per Opening)	513.67	
32 31 13 13-0717		**Coiled Spring Reinforcing Wire** *(32 31 13 13-0686)*		
32 31 13 13-0718		**Galvanized Steel** *(32 31 13 13-0717)*		
32 31 13 13-0719	LF	7 Gauge, Galvanized Steel, Reinforcing Wire Coiled Spring	1.35	0.56
32 31 13 13-0720		**Vinyl Coated Steel** *(32 31 13 13-0717)*		
32 31 13 13-0721	LF	9 Gauge, Vinyl Coated Steel, Reinforcing Wire Coiled Spring	1.35	0.56
32 31 13 13-0722		**Bending Of Fabric Around Pipe Railings** *(32 31 13 13-0686)*		
		Note: Only where specified.		
32 31 13 13-0723	LF	Bend Chain Link Fence Fabric Around Pipe Railing, Top	1.84	
32 31 13 13-0724	LF	Bend Chain Link Fence Fabric Around Pipe Railing, Bottom	1.60	
32 31 13 13-0725		**Mounting Plate With Anchors Or Bolts** *(32 31 13 13-0686)*		
		Note: For drilling for anchor or bolts, installing post on or against flat surface.		
32 31 13 13-0726	EA	Mounting Plate For 1-5/8" Diameter Post	50.05	
32 31 13 13-0727	EA	Mounting Plate For 2" Diameter Post	50.85	
32 31 13 13-0728	EA	Mounting Plate For 2-1/2" Diameter Post	52.32	
32 31 13 13-0729	EA	Mounting Plate For 3" Diameter Post	62.90	
32 31 13 13-0730	EA	Mounting Plate For 4" Diameter Post	72.25	
32 31 13 13-0731	EA	Mounting Plate For 6-5/8" Diameter Post	83.60	
32 31 13 13-0732	EA	Mounting Plate For 8-5/8" Diameter Post	98.47	
32 31 13 13-0733		**Tension Bar** *(32 31 13 13-0686)*		
32 31 13 13-0734	EA	3' Long x 5/8" Wide x 3/16" Thick Galvanized Steel Tension Bar	18.51	
32 31 13 13-0735	EA	3-1/2' Long x 5/8" Wide x 3/16" Thick Galvanized Steel Tension Bar	19.68	
32 31 13 13-0736	EA	4' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	24.22	
32 31 13 13-0737	EA	5' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	28.03	
32 31 13 13-0738	EA	6' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	33.08	
32 31 13 13-0739	EA	7' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	38.36	
32 31 13 13-0740	EA	8' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	43.35	
32 31 13 13-0741	EA	9' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	51.99	
32 31 13 13-0742	EA	10' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	62.20	
32 31 13 13-0743		**Fence And Gate Repair And Replacement** *(32 31 13 13)*		
32 31 13 13-0744		**Fence And Gate Parts Replacement** *(32 31 13 13-0743)*		
32 31 13 13-0745	EA	Cantilever Roller Assembly, Ball Bearing With Fittings, Replacement	140.34	
32 31 13 13-0746	EA	Sliding Gate Roller Assembly Replacement	138.06	
32 31 13 13-0747	EA	Rod And Lock Gate Keeper Replacement	139.40	
32 31 13 13-0748	EA	Galvanized Gate Holdback Replacement	31.65	
32 31 13 13-0749	LF	3/8" Cross Bracing Rod Replacement	1.82	
32 31 13 13-0750	LF	1-5/8" Diagonal Pipe Bracing Replacement	2.82	
32 31 13 13-0751	EA	2-3/8" To 2-1/2" Diameter Galvanized Steel Gate Hinge With Bolts, Replacement	29.25	
32 31 13 13-0752	EA	2-7/8" To 3" Diameter Galvanized Steel Gate Hinge With Bolts, Replacement	33.54	
32 31 13 13-0753	EA	3-1/2" To 4" Diameter Galvanized Steel Gate Hinge With Bolts, Replacement	37.90	
32 31 13 13-0754	EA	4-1/2" To 5" Diameter Galvanized Steel Gate Hinge With Bolts, Replacement Note: 180 degree commercial malleable	41.02	
32 31 13 13-0755	EA	5-9/16" To 6" Diameter Galvanized Steel Gate Hinge With Bolts, Replacement Note: 180 degree commercial malleable	48.77	
32 31 13 13-0756	EA	6-1/2" To 6-5/8" Diameter Galvanized Steel Gate Hinge With Bolts, Replacement	56.03	
32 31 13 13-0757	EA	8-5/8" Diameter Galvanized Steel Gate Hinge With Bolts, Replacement	114.04	
32 31 13 13-0758	EA	2-1/2" x 2" Off Set Gate Hinge Replacement	29.40	
32 31 13 13-0759	EA	3" x 2" Off Set Gate Hinge Replacement	30.70	
32 31 13 13-0760	EA	4" x 2" Off Set Gate Hinge Replacement	32.76	
32 31 13 13-0761	EA	6-5/8" x 2" Off Set Gate Hinge Replacement	52.95	
32 31 13 13-0762	EA	8-5/8" x 2" Off Set Gate Hinge Replacement	82.81	
32 31 13 13-0763	EA	1-5/8" Aluminum Die-Cast Post Cap Replacement	6.61	
32 31 13 13-0764	EA	2" Aluminum Die-Cast Post Cap Replacement	7.25	
32 31 13 13-0765	EA	2-1/2" Aluminum Die-Cast Post Cap Replacement	8.45	
32 31 13 13-0766	EA	3" Aluminum Die-Cast Post Cap Replacement	9.81	
32 31 13 13-0767	EA	2" Galvanized Post Cap Replacement	7.39	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0768	EA	2-1/2" Galvanized Post Cap Replacement	8.02	
32 31 13 13-0769	EA	3" Galvanized Post Cap Replacement	9.17	
32 31 13 13-0770	EA	4" Galvanized Post Cap Replacement	13.47	
32 31 13 13-0771	EA	6-5/8" Galvanized Post Cap Replacement	24.95	
32 31 13 13-0772	EA	8-5/8" Galvanized Post Cap Replacement	40.77	
32 31 13 13-0773	EA	1-5/8" Boulevard Clamp Replacement	12.39	
32 31 13 13-0774	EA	2" Boulevard Clamp Replacement	15.09	
32 31 13 13-0775	EA	2-1/2" Boulevard Clamp Replacement	17.70	
32 31 13 13-0776	EA	3" Boulevard Clamp Replacement	21.49	
32 31 13 13-0777	EA	1-5/8" Gate Brace Or End Rail Clamp Replacement	12.16	
32 31 13 13-0778	EA	2" Gate Brace Or End Rail Clamp Replacement	14.77	
32 31 13 13-0779	EA	2-1/2" Gate Brace Or End Rail Clamp Replacement	17.38	
32 31 13 13-0780	EA	3" Gate Brace Or End Rail Clamp Replacement	21.15	
32 31 13 13-0781	EA	1-3/8" Heavy-Duty Galvanized Tension Band With Bolt, Replacement	12.38	
32 31 13 13-0782	EA	1-5/8" Heavy-Duty Galvanized Tension Band With Bolt, Replacement	12.48	
32 31 13 13-0783	EA	2" Heavy-Duty Galvanized Tension Band With Bolt, Replacement	12.76	
32 31 13 13-0784	EA	2-1/2" Heavy-Duty Galvanized Tension Band With Bolt, Replacement	12.63	
32 31 13 13-0785	EA	3" Heavy-Duty Galvanized Tension Band With Bolt, Replacement	12.84	
32 31 13 13-0786	EA	3-1/2" Heavy-Duty Galvanized Tension Band With Bolt, Replacement	13.01	
32 31 13 13-0787	EA	4" Heavy-Duty Galvanized Tension Band With Bolt, Replacement	13.50	
32 31 13 13-0788	EA	6-5/8" Heavy-Duty Galvanized Tension Band With Bolt, Replacement	17.10	
32 31 13 13-0789	EA	6" x 6" Wheel, Roller Gate Wheel Carrier, Replacement	82.06	
32 31 13 13-0790	EA	8" x 6" Wheel, Roller Gate Wheel Carrier, Replacement	92.86	
32 31 13 13-0791	EA	12" x 8" Wheel, Roller Gate Wheel Carrier, Replacement	109.06	
32 31 13 13-0792	EA	Heavy Malleable Cast Rolling Gate Track Wheel, Replacement	84.76	

32 31 13 13-0793 Removal And Reinstallation Of Chain Link Fences *(32 31 13 13)*

Note: Includes removal, storage, cleaning and reinstallation of fence fabric, rails and other components. Excludes post work. See CSI section 32 31 13 13-0001 for new post holes where required, 32 31 13 13-0058 for new fence posts where required.

32 31 13 13-0794	LF	Removal And Reinstallation Of Chain Link Fence Up To 5' Height	22.74	
32 31 13 13-0795	LF	Removal And Reinstallation Of Chain Link Fence 6' To 12' Height	34.11	

32 31 13 13-0796 Ballfield Fencing *(32 31 13 13)*

See CSI section 32 31 13 13-0001 for auguring holes and concrete.

32 31 13 13-0797 Concrete Bases For Ballfield Poles, Cast In Place *(32 31 13 13-0796)*

Note: Includes excavation/drilling, concrete, reinforcement, forms for exposed base, anchors/supports and backfill.

32 31 13 13-0798	VLF	2-1/2' Diameter Concrete Base For Ballfield Poles	139.03	
32 31 13 13-0799	VLF	3' Diameter Concrete Base For Ballfield Poles	165.56	
32 31 13 13-0800	VLF	3-1/2' Diameter Concrete Base For Ballfield Poles	209.73	
32 31 13 13-0801	VLF	4' Diameter Concrete Base For Ballfield Poles	249.32	

32 31 13 13-0802 Ballfield Poles *(32 31 13 13-0796)*

32 31 13 13-0803	EA	20' Galvanized Steel Pole, 24" Diameter At Base For Ballfield Netting Note: 10' above grade	8,352.57	710.33
32 31 13 13-0804	EA	25' Galvanized Steel Pole, 24" Diameter At Base For Ballfield Netting Note: 15' above grade	10,361.11	887.91
32 31 13 13-0805	EA	30' Galvanized Steel Pole, 24" Diameter At Base For Ballfield Netting Note: 20' above grade	11,907.98	1,065.49
32 31 13 13-0806	EA	40' Galvanized Steel Pole, 24" Diameter At Base For Ballfield Netting Note: 30' above grade	16,008.84	1,243.07
32 31 13 13-0807	EA	50' Galvanized Steel Pole, 24" Diameter At Base For Ballfield Netting Note: 40' above grade	21,453.77	1,420.66
32 31 13 13-0808	EA	60' Galvanized Steel Pole, 24" Diameter At Base For Ballfield Netting Note: 50' above grade	23,974.03	1,598.24

32 31 13 13-0809 Ballfield Nylon Netting *(32 31 13 13-0796)*

Note: Excludes fastening clips and cabeling See CSI section 05 15 00 00-0000 for cabling and accessories.

32 31 13 13-0810	LF	10' High, #18 Black Twisted Knotted Nylon Square 1-3/4" Mesh With Sewn Borders For Ballfield Netting	1.76	
32 31 13 13-0811	LF	10' High, #21 Black Twisted Knotted Nylon Square 1-3/4" Mesh With Sewn Borders For Ballfield Netting	1.80	
32 31 13 13-0812	LF	10' High, #36 Black Twisted Knotted Nylon Square 1-3/4" Mesh With Sewn Borders For Ballfield Netting	2.03	
32 31 13 13-0813	LF	10' High, #42 Black Twisted Knotted Nylon Square 1-3/4" Mesh With Sewn Borders For Ballfield Netting	2.29	
32 31 13 13-0814	LF	10' High, #48 Black Twisted Knotted Nylon Square 1-3/4" Mesh With Sewn Borders For Ballfield Netting	2.54	
32 31 13 13-0815	LF	10' High, #60 Black Twisted Knotted Nylon Square 1-3/4" Mesh With Sewn Borders For Ballfield Netting	3.40	
32 31 13 13-0816	LF	10' High, #72 Black Twisted Knotted Nylon Square 1-3/4" Mesh With Sewn Borders For Ballfield Netting	3.86	
32 31 13 13-0817	LF	10' High, #96 Black Twisted Knotted Nylon Square 1-3/4" Mesh With Sewn Borders For Ballfield Netting	5.03	

32 31 13 13-0818 Ballfield Chainlink Netting *(32 31 13 13-0796)*

Note: Excludes fastening clips and cabeling See CSI section 05 15 00 00-0000 for cabling and accessories.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0819	SF	#9 Gauge Chain Link Fabric, 2" Mesh For Ballfield Netting	3.76	1.21
		For 13 Gauge Fabric, Deduct	*-0.60*	
		For 11 Gauge Fabric, Deduct	*-0.34*	
		For 6 Gauge Fabric, Add	*1.07*	
		For 1" Mesh Fabric, Add	*1.01*	
		For 1-3/4" Mesh Fabric, Add	*0.40*	
		For 2-1/8" Mesh Fabric, Deduct	*-0.20*	
		For 2-3/8" Mesh Fabric, Deduct	*-0.27*	
32 31 13 13-0820		Ballfield Netting Accessories *(32 31 13 13-0796)*		
32 31 13 13-0821	EA	Sliding Clip For Ballfield Netting	8.62	
32 31 13 13-0822	EA	1/4" Utility Spring Swing Clip For Ballfield Netting	3.85	
32 31 13 13-0823	EA	5/16" Utility Spring Swing Clip For Ballfield Netting	4.05	
32 31 13 13-0824	EA	3/8" Utility Spring Swing Clip For Ballfield Netting	4.36	
32 31 13 33		**Chain Link Backstops** *(32 31 13)*		
32 31 13 33-0001		Regulation Baseball Backstop *(32 31 13 33)* See CSI section 32 31 13 13-0001 for auguring holes and concrete.		
32 31 13 33-0002	EA	20'-6" Wide x 13' High Baseball Backstop Prefabricated With Hood, Galvanized	14,080.58	2,326.88
32 31 13 33-0003	EA	34' Wide x 17'-6" High Baseball Backstop Prefabricated With Hood, Galvanized	20,304.32	3,102.50
32 31 13 33-0004	EA	48'-3-1/2" Wide x 24' High Baseball Backstop Prefabricated With Hood, Galvanized	25,867.73	3,619.59
32 31 13 33-0005	EA	20'-6" Wide x 13' High Baseball Backstop Prefabricated With Hood, Vinyl Coated	19,738.88	2,326.88
32 31 13 33-0006	EA	34' Wide x 17'-6" High Baseball Backstop Prefabricated With Hood, Vinyl Coated	28,770.93	3,102.50
32 31 13 33-0007	EA	48'-3-1/2" Wide x 24' High Baseball Backstop Prefabricated With Hood, Vinyl Coated	37,040.75	3,619.59
32 31 13 33-0008	SF	2" Thick Polyethylene Foam, 18 Oz Vinyl Cover, Padding Installed On Chain Link Backstop	15.34	
32 31 13 33-0009	SF	3" Thick Polyethylene Foam, 18 Oz Vinyl Cover, Padding Installed On Chain Link Backstop	18.28	
32 31 13 33-0010		Regulation Softball Backstop *(32 31 13 33)* See CSI section 32 31 13 13-0001 for auguring holes and concrete.		
32 31 13 33-0011		14' High Softball Backstop *(32 31 13 33-0010)* Note: Includes 3" outside diameter posts every 8', top, middle, and bottom brace rails, overhang panel with 9 gauge mesh and 1-1/8" outside diameter frame, 16' of 6 gauge mesh and 32' of 9 gauge mesh.		
32 31 13 33-0012	EA	14' Softball Backstop, Galvanized Regulation	11,799.72	2,266.16
32 31 13 33-0013	EA	14' Softball Backstop, Vinyl Coated Regulation	15,857.95	2,266.16
32 31 13 33-0014		18' High Softball Backstop *(32 31 13 33-0010)* Note: Includes 3" outside diameter posts every 8', top, middle, and bottom brace rails, overhang panel with 9 gauge mesh and 1-1/8" outside diameter frame, 16' of 6 gauge mesh and 32' of 9 gauge mesh.		
32 31 13 33-0015	EA	18' Softball Backstop, Galvanized Regulation	13,780.47	2,519.35
32 31 13 33-0016	EA	18' Softball Backstop Vinyl Coated Regulation	18,689.62	2,519.35
32 31 13 33-0017		20' High Softball Backstop *(32 31 13 33-0010)* Note: Includes 3" outside diameter posts every 8', top, middle, and bottom brace rails, overhang panel with 9 gauge mesh and 1-1/8" outside diameter frame, 16' of 6 gauge mesh and 32' of 9 gauge mesh.		
32 31 13 33-0018	EA	20' Softball Backstop, Galvanized Regulation	15,612.11	2,656.30
32 31 13 33-0019	EA	20' Softball Backstop, Vinyl Coated Regulation	21,437.69	2,656.30
32 31 13 33-0020		22' High Softball Backstop *(32 31 13 33-0010)* Note: Includes 3" outside diameter posts every 8', top, middle, and bottom brace rails, overhang panel with 9 gauge mesh and 1-1/8" outside diameter frame, 16' of 6 gauge mesh and 32' of 9 gauge mesh.		
32 31 13 33-0021	EA	22' Softball Backstop, Galvanized Regulation	17,990.75	2,736.44
32 31 13 33-0022	EA	22' Softball Backstop, Vinyl Coated Regulation	24,994.46	2,736.44
32 31 13 33-0023		24' High Softball Backstop *(32 31 13 33-0010)* Note: Includes 3" outside diameter posts every 8', top, middle, and bottom brace rails, overhang panel with 9 gauge mesh and 1-1/8" outside diameter frame, 16' of 6 gauge mesh and 32' of 9 gauge mesh.		
32 31 13 33-0024	EA	24' Softball Backstop, Galvanized Regulation	21,422.06	3,127.36
32 31 13 33-0025	EA	24' Softball Backstop, Vinyl Coated Regulation	30,127.61	3,127.36
32 31 16		**Welded Wire Fences and Gates** *(32 31)*		
32 31 16 00-0001		Welded Wire Fence *(32 31 16)*		
32 31 16 00-0002		12 Gauge Galvanized Steel Welded Wire Fence, 2" x 4" Mesh *(32 31 16 00-0001)* Note: Posts 5' on center.		
32 31 16 00-0003	LF	3' High, 12 Gauge Galvanized Steel Welded Wire Fence, 2" x 4" Mesh, Posts At 5'	11.34	2.07
32 31 16 00-0004	LF	5' High, 12 Gauge Galvanized Steel Welded Wire Fence, 2" x 4" Mesh, Posts At 5'	12.18	2.07
32 31 16 00-0005		14 Gauge Galvanized Steel Welded Wire Fence, 1" x 2" Mesh *(32 31 16 00-0001)* Note: Posts 5' on center.		
32 31 16 00-0006	LF	3' High, 14 Gauge Galvanized Steel Welded Wire Fence, 1" x 2" Mesh, Posts At 5'	11.17	2.07
32 31 16 00-0007	LF	5' High, 14 Gauge Galvanized Steel Welded Wire Fence, 1" x 2" Mesh, Posts At 5'	11.91	2.07

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

32 31 19 Decorative Metal Fences and Gates *(32 31)*

See CSI section 32 31 13 13-0001 for drilling and grouting.

32 31 19 00-0001 Wrought Iron Fence *(32 31 19)*

Note: Factory primed.

32 31 19 00-0002 Wrought Iron Fence, 3/4" Verticals At >3" To 4" On Center *(32 31 19 00-0001)*

Note: Factory primed 8 foot long panel sections.

32 31 19 00-0003	LF	3' High Wrought Iron Fence, Verticals At >3" To 4" On Center With 2" Square Posts, Set 8' On Center	47.74	12.51
		For 6' Length Fence Panels With Posts Set 6' O.C., Add	*8.91*	
		For Verticals Up To 2" On Center, Add	*7.27*	
		For Verticals >2" To 2-1/2" On Center, Add	*4.54*	
		For Verticals >2-1/2" To 3" On Center, Add	*1.82*	
		For Verticals >4" To 6" On Center, Deduct	*-2.04*	
		For Pickets Extending Above Top Rail, Add	*4.09*	
		For Curved Pickets Extending Above Top Rail, Add	*9.26*	
32 31 19 00-0004	LF	4' High Wrought Iron Fence, Verticals At >3" To 4" On Center With 2" Square Posts, Set 8' On Center	60.84	15.91
		For 6' Length Fence Panels With Posts Set 6' O.C., Add	*11.28*	
		For Verticals Up To 2" On Center, Add	*9.64*	
		For Verticals >2" To 2-1/2" On Center, Add	*6.02*	
		For Verticals >2-1/2" To 3" On Center, Add	*2.41*	
		For Verticals >4" To 6" On Center, Deduct	*-2.71*	
		For Pickets Extending Above Top Rail, Add	*5.30*	
		For Curved Pickets Extending Above Top Rail, Add	*12.09*	
32 31 19 00-0005	LF	5' High Wrought Iron Fence, Verticals At >3" To 4" On Center With 2" Square Posts, Set 8' On Center	71.41	16.60
		For 6' Length Fence Panels With Posts Set 6' O.C., Add	*13.05*	
		For Verticals Up To 2" On Center, Add	*12.15*	
		For Verticals >2" To 2-1/2" On Center, Add	*7.60*	
		For Verticals >2-1/2" To 3" On Center, Add	*3.04*	
		For Verticals >4" To 6" On Center, Deduct	*-3.42*	
		For Pickets Extending Above Top Rail, Add	*6.42*	
		For Curved Pickets Extending Above Top Rail, Add	*14.85*	
32 31 19 00-0006	LF	6' High Wrought Iron Fence, Verticals At >3" To 4" On Center With 2" Square Posts, Set 8' On Center	86.35	20.01
		For 6' Length Fence Panels With Posts Set 6' O.C., Add	*15.76*	
		For Verticals Up To 2" On Center, Add	*14.80*	
		For Verticals >2" To 2-1/2" On Center, Add	*9.25*	
		For Verticals >2-1/2" To 3" On Center, Add	*3.70*	
		For Verticals >4" To 6" On Center, Deduct	*-4.16*	
		For Pickets Extending Above Top Rail, Add	*7.79*	
		For Curved Pickets Extending Above Top Rail, Add	*18.04*	
32 31 19 00-0007	LF	7' High Wrought Iron Fence, Verticals At >3" To 4" On Center With 2" Square Posts, Set 8' On Center	99.83	21.17
		For 6' Length Fence Panels With Posts Set 6' O.C., Add	*17.94*	
		For Verticals Up To 2" On Center, Add	*18.39*	
		For Verticals >2" To 2-1/2" On Center, Add	*11.49*	
		For Verticals >2-1/2" To 3" On Center, Add	*4.60*	
		For Verticals >4" To 6" On Center, Deduct	*-5.17*	
		For Pickets Extending Above Top Rail, Add	*9.30*	
		For Curved Pickets Extending Above Top Rail, Add	*21.85*	
32 31 19 00-0008	LF	8' High Wrought Iron Fence, Verticals At >3" To 4" On Center With 3" Square Posts, Set 8' On Center	113.26	22.29
		For 6' Length Fence Panels With Posts Set 6' O.C., Add	*20.11*	
		For Verticals Up To 2" On Center, Add	*21.98*	
		For Verticals >2" To 2-1/2" On Center, Add	*13.74*	
		For Verticals >2-1/2" To 3" On Center, Add	*5.50*	
		For Verticals >4" To 6" On Center, Deduct	*-6.18*	
		For Pickets Extending Above Top Rail, Add	*10.81*	
		For Curved Pickets Extending Above Top Rail, Add	*25.67*	
32 31 19 00-0009	LF	10' High Wrought Iron Fence, Verticals At >3" To 4" On Center With 3" Square Posts, Set 8' On Center	136.56	25.02
		For 6' Length Fence Panels With Posts Set 6' O.C., Add	*23.99*	
		For Verticals Up To 2" On Center, Add	*27.69*	
		For Verticals >2" To 2-1/2" On Center, Add	*17.31*	
		For Verticals >2-1/2" To 3" On Center, Add	*6.92*	
		For Verticals >4" To 6" On Center, Deduct	*-7.79*	
		For Pickets Extending Above Top Rail, Add	*13.32*	
		For Curved Pickets Extending Above Top Rail, Add	*31.87*	
32 31 19 00-0010	LF	12' High Wrought Iron Fence, Verticals At >3" To 4" On Center With 3" Square Posts, Set 8' On Center	160.75	28.42
		For 6' Length Fence Panels With Posts Set 6' O.C., Add	*28.09*	
		For Verticals Up To 2" On Center, Add	*33.25*	
		For Verticals >2" To 2-1/2" On Center, Add	*20.78*	
		For Verticals >2-1/2" To 3" On Center, Add	*8.31*	
		For Verticals >4" To 6" On Center, Deduct	*-9.35*	
		For Pickets Extending Above Top Rail, Add	*15.83*	
		For Curved Pickets Extending Above Top Rail, Add	*38.03*	

32 31 19 00-0011 Wrought Iron Gates *(32 31 19 00-0001)*

Note: Factory primed.

32 31 19 00-0012 Single Wrought Iron Gates *(32 31 19 00-0011)*

Note: Factory primed.

32 31 19 00-0013	LF	3' Single Wrought Iron Gate, Hardware And Associated Trim	58.43	15.24
32 31 19 00-0014	LF	4' Single Wrought Iron Gate, Hardware And Associated Trim	76.64	18.87
32 31 19 00-0015	LF	5' Single Wrought Iron Gate, Hardware And Associated Trim	93.12	22.74
32 31 19 00-0016	LF	6' Single Wrought Iron Gate, Hardware And Associated Trim	112.97	27.28
32 31 19 00-0017	LF	8' Single Wrought Iron Gate, Hardware And Associated Trim	148.03	30.25
32 31 19 00-0018	LF	10' Single Wrought Iron Gate, Hardware And Associated Trim	177.40	33.43

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0019	LF	12' Single Wrought Iron Gate, Hardware And Associated Trim	206.23	37.98
32 31 19 00-0020		**Double Wrought Iron Gates** *(32 31 19 00-0011)*		
		Note: Factory primed.		
32 31 19 00-0021	LF	3' Double Wrought Iron Gate, Hardware And Associated Trim	71.10	13.65
32 31 19 00-0022	LF	4' Double Wrought Iron Gate, Hardware And Associated Trim	93.06	17.05
32 31 19 00-0023	LF	5' Double Wrought Iron Gate, Hardware And Associated Trim	112.58	20.47
32 31 19 00-0024	LF	6' Double Wrought Iron Gate, Hardware And Associated Trim	136.11	24.55
32 31 19 00-0025	LF	8' Double Wrought Iron Gate, Hardware And Associated Trim	179.20	27.28
32 31 19 00-0026	LF	10' Double Wrought Iron Gate, Hardware And Associated Trim	215.11	30.01
32 31 19 00-0027	LF	12' Double Wrought Iron Gate, Hardware And Associated Trim	250.59	34.11
32 31 19 00-0028		**Repair Or Replace Wrought Iron Fence** *(32 31 19 00-0001)*		
32 31 19 00-0029	LF	Removal And Replacement Of Wrought Iron Picket	21.16	
32 31 19 00-0030	LF	Removal And Replacement Of Wrought Iron Post	30.96	
32 31 19 00-0031	EA	Straighten Wrought Iron Post	90.96	
32 31 19 00-0032		**Steel Tube Fence, Powder Coated** *(32 31 19)*		
		Note: Pickets are 3/4" square x 16 gauge.		
32 31 19 00-0033		**Steel Tube Fence, 2 Rail** *(32 31 19 00-0032)*		
		Note: 6 foot long panel sections.		
32 31 19 00-0034	LF	3' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts	83.38	12.51
		For Verticals Up To 2" On Center, Add	*11.77*	
		For Verticals >2" To 2-1/2" On Center, Add	*5.89*	
		For Verticals >3" To 4" On Center, Deduct	*-5.89*	
		For Verticals >4" To 6" On Center, Deduct	*-11.77*	
		For Pickets Extending Above Top Rail, Add	*6.23*	
		For Curved Pickets Extending Above Top Rail, Add	*10.96*	
		For Solid Pickets, Add	*16.92*	
		For Aluminum With Satin Finish, Add	*13.98*	
		For Third Rail, Add	*4.42*	
		For 1" Square x 14 Gauge Pickets, Add	*14.72*	
		For 3" Square Posts, Add	*7.36*	
32 31 19 00-0035	LF	3'-6" Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts	89.20	13.37
		For Verticals Up To 2" On Center, Add	*12.49*	
		For Verticals >2" To 2-1/2" On Center, Add	*6.25*	
		For Verticals >3" To 4" On Center, Deduct	*-6.25*	
		For Verticals >4" To 6" On Center, Deduct	*-12.49*	
		For Pickets Extending Above Top Rail, Add	*6.65*	
		For Curved Pickets Extending Above Top Rail, Add	*11.69*	
		For Solid Pickets, Add	*18.06*	
		For Aluminum With Satin Finish, Add	*14.73*	
		For Third Rail, Add	*4.68*	
		For 1" Square x 14 Gauge Pickets, Add	*15.62*	
		For 3" Square Posts, Add	*7.81*	
32 31 19 00-0036	LF	4' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts	94.36	14.79
		For Verticals Up To 2" On Center, Add	*13.08*	
		For Verticals >2" To 2-1/2" On Center, Add	*6.54*	
		For Verticals >3" To 4" On Center, Deduct	*-6.54*	
		For Verticals >4" To 6" On Center, Deduct	*-13.08*	
		For Pickets Extending Above Top Rail, Add	*7.01*	
		For Curved Pickets Extending Above Top Rail, Add	*12.31*	
		For Solid Pickets, Add	*19.06*	
		For Aluminum With Satin Finish, Add	*15.27*	
		For Third Rail, Add	*4.90*	
		For 1" Square x 14 Gauge Pickets, Add	*16.35*	
		For 3" Square Posts, Add	*8.17*	
32 31 19 00-0037	LF	5' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts	100.46	16.60
		For Verticals Up To 2" On Center, Add	*13.41*	
		For Verticals >2" To 2-1/2" On Center, Add	*6.70*	
		For Verticals >3" To 4" On Center, Deduct	*-6.70*	
		For Verticals >4" To 6" On Center, Deduct	*-13.41*	
		For Pickets Extending Above Top Rail, Add	*7.37*	
		For Curved Pickets Extending Above Top Rail, Add	*12.90*	
		For Solid Pickets, Add	*20.10*	
		For Aluminum With Satin Finish, Add	*15.09*	
		For Third Rail, Add	*5.03*	
		For 1" Square x 14 Gauge Pickets, Add	*16.76*	
		For 3" Square Posts, Add	*8.38*	
32 31 19 00-0038	LF	6' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts	116.52	18.76
		For Verticals Up To 2" On Center, Add	*15.80*	
		For Verticals >2" To 2-1/2" On Center, Add	*7.90*	
		For Verticals >3" To 4" On Center, Deduct	*-7.90*	
		For Verticals >4" To 6" On Center, Deduct	*-15.80*	
		For Pickets Extending Above Top Rail, Add	*8.59*	
		For Curved Pickets Extending Above Top Rail, Add	*15.06*	
		For Solid Pickets, Add	*23.40*	
		For Aluminum With Satin Finish, Add	*18.07*	
		For Third Rail, Add	*5.93*	
		For 1" Square x 14 Gauge Pickets, Add	*19.75*	
		For 3" Square Posts, Add	*9.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0039	LF	7' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 3" Square Posts	133.48	20.47
		For Verticals Up To 2" On Center, Add	*18.51*	
		For Verticals >2" To 2-1/2" On Center, Add	*9.26*	
		For Verticals >3" To 4" On Center, Deduct	*-9.26*	
		For Verticals >4" To 6" On Center, Deduct	*-18.51*	
		For Pickets Extending Above Top Rail, Add	*9.91*	
		For Curved Pickets Extending Above Top Rail, Add	*17.42*	
		For Solid Pickets, Add	*26.96*	
		For Aluminum With Satin Finish, Add	*21.63*	
		For Third Rail, Add	*6.94*	
		For 1" Square x 14 Gauge Pickets, Add	*23.14*	
		For 4" Square Posts, Add	*32.39*	
32 31 19 00-0040	LF	8' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 3" Square Posts	150.68	22.29
		For Verticals Up To 2" On Center, Add	*21.22*	
		For Verticals >2" To 2-1/2" On Center, Add	*10.61*	
		For Verticals >3" To 4" On Center, Deduct	*-10.61*	
		For Verticals >4" To 6" On Center, Deduct	*-21.22*	
		For Pickets Extending Above Top Rail, Add	*11.25*	
		For Curved Pickets Extending Above Top Rail, Add	*19.79*	
		For Solid Pickets, Add	*30.56*	
		For Aluminum With Satin Finish, Add	*25.15*	
		For Third Rail, Add	*7.96*	
		For 1" Square x 14 Gauge Pickets, Add	*26.53*	
		For 4" Square Posts, Add	*37.14*	
32 31 19 00-0041	LF	9' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 3" Square Posts	175.34	23.88
		For Verticals Up To 2" On Center, Add	*25.52*	
		For Verticals >2" To 2-1/2" On Center, Add	*12.76*	
		For Verticals >3" To 4" On Center, Deduct	*-12.76*	
		For Verticals >4" To 6" On Center, Deduct	*-25.52*	
		For Pickets Extending Above Top Rail, Add	*13.23*	
		For Curved Pickets Extending Above Top Rail, Add	*23.36*	
		For Solid Pickets, Add	*35.87*	
		For Aluminum With Satin Finish, Add	*31.11*	
		For Third Rail, Add	*9.57*	
		For 1" Square x 14 Gauge Pickets, Add	*31.90*	
		For 4" Square Posts, Add	*44.66*	
32 31 19 00-0042	LF	10' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 4" Square Posts	200.23	25.58
		For Verticals Up To 2" On Center, Add	*29.81*	
		For Verticals >2" To 2-1/2" On Center, Add	*14.91*	
		For Verticals >3" To 4" On Center, Deduct	*-14.91*	
		For Verticals >4" To 6" On Center, Deduct	*-29.81*	
		For Pickets Extending Above Top Rail, Add	*15.23*	
		For Curved Pickets Extending Above Top Rail, Add	*26.94*	
		For Solid Pickets, Add	*41.21*	
		For Aluminum With Satin Finish, Add	*37.05*	
		For Third Rail, Add	*11.18*	
		For 1" Square x 14 Gauge Pickets, Add	*37.27*	
		For 6" Square Posts, Add	*52.17*	
32 31 19 00-0043	LF	12' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 4" Square Posts	235.99	28.42
		For Verticals Up To 2" On Center, Add	*35.83*	
		For Verticals >2" To 2-1/2" On Center, Add	*17.91*	
		For Verticals >3" To 4" On Center, Deduct	*-17.91*	
		For Verticals >4" To 6" On Center, Deduct	*-35.83*	
		For Pickets Extending Above Top Rail, Add	*18.07*	
		For Curved Pickets Extending Above Top Rail, Add	*32.03*	
		For Solid Pickets, Add	*48.83*	
		For Aluminum With Satin Finish, Add	*45.21*	
		For Third Rail, Add	*13.44*	
		For 1" Square x 14 Gauge Pickets, Add	*44.79*	
		For 6" Square Posts, Add	*62.70*	
32 31 19 00-0044	LF	14' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 4" Square Posts	252.77	30.70
		For Verticals Up To 2" On Center, Add	*38.27*	
		For Verticals >2" To 2-1/2" On Center, Add	*19.14*	
		For Verticals >3" To 4" On Center, Deduct	*-19.14*	
		For Verticals >4" To 6" On Center, Deduct	*-38.27*	
		For Pickets Extending Above Top Rail, Add	*19.34*	
		For Curved Pickets Extending Above Top Rail, Add	*34.27*	
		For Solid Pickets, Add	*52.27*	
		For Aluminum With Satin Finish, Add	*48.20*	
		For Third Rail, Add	*14.35*	
		For 1" Square x 14 Gauge Pickets, Add	*47.84*	
		For 6" Square Posts, Add	*66.98*	

32 31 19 00-0045 Steel Tube Swing Gates *(32 31 19 00-0032)*

32 31 19 00-0046 3' Fence Height Steel Tube Swing Gates, 2 Rail *(32 31 19 00-0045)*

32 31 19 00-0047	EA	3' Wide x 3' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	796.60	24.22
		For Solid Pickets, Add	*173.78*	
		For Aluminum With Satin Finish, Add	*206.23*	
		For Third Rail, Add	*54.29*	
		For 1" Square x 14 Gauge Pickets, Add	*72.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0048	EA	3'-6" Wide x 3' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	886.32	25.35
		For Solid Pickets, Add	*193.71*	
		For Aluminum With Satin Finish, Add	*231.62*	
		For Third Rail, Add	*60.76*	
		For 1" Square x 14 Gauge Pickets, Add	*81.01*	
32 31 19 00-0049	EA	4' Wide x 3' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	981.09	26.83
		For Solid Pickets, Add	*214.69*	
		For Aluminum With Satin Finish, Add	*258.00*	
		For Third Rail, Add	*67.53*	
		For 1" Square x 14 Gauge Pickets, Add	*90.04*	
32 31 19 00-0050	EA	5' Wide x 3' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,031.91	28.76
		For Solid Pickets, Add	*225.70*	
		For Aluminum With Satin Finish, Add	*270.68*	
		For Third Rail, Add	*70.91*	
		For 1" Square x 14 Gauge Pickets, Add	*94.55*	
32 31 19 00-0051	EA	6' Wide x 3' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,152.93	34.46
		For Solid Pickets, Add	*251.65*	
		For Aluminum With Satin Finish, Add	*299.32*	
		For Third Rail, Add	*78.71*	
		For 1" Square x 14 Gauge Pickets, Add	*104.95*	
32 31 19 00-0052	EA	7' Wide x 3' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,226.87	40.14
		For Solid Pickets, Add	*267.01*	
		For Aluminum With Satin Finish, Add	*313.82*	
		For Third Rail, Add	*82.98*	
		For 1" Square x 14 Gauge Pickets, Add	*110.63*	
32 31 19 00-0053	EA	8' Wide x 3' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,339.22	46.16
		For Solid Pickets, Add	*290.92*	
		For Aluminum With Satin Finish, Add	*339.34*	
		For Third Rail, Add	*90.04*	
		For 1" Square x 14 Gauge Pickets, Add	*120.05*	
32 31 19 00-0054	EA	9' Wide x 3' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,436.69	51.85
		For Solid Pickets, Add	*311.57*	
		For Aluminum With Satin Finish, Add	*360.91*	
		For Third Rail, Add	*96.07*	
		For 1" Square x 14 Gauge Pickets, Add	*128.09*	
32 31 19 00-0055	EA	10' Wide x 3' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,522.41	57.53
		For Solid Pickets, Add	*329.58*	
		For Aluminum With Satin Finish, Add	*378.95*	
		For Third Rail, Add	*101.22*	
		For 1" Square x 14 Gauge Pickets, Add	*134.96*	
32 31 19 00-0056	EA	6' Wide x 3' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	1,665.58	48.43
		For Solid Pickets, Add	*363.84*	
		For Aluminum With Satin Finish, Add	*434.18*	
		For Third Rail, Add	*114.00*	
		For 1" Square x 14 Gauge Pickets, Add	*152.00*	
32 31 19 00-0057	EA	7' Wide x 3' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	1,774.60	50.71
		For Solid Pickets, Add	*387.86*	
		For Aluminum With Satin Finish, Add	*463.82*	
		For Third Rail, Add	*121.67*	
		For 1" Square x 14 Gauge Pickets, Add	*162.22*	
32 31 19 00-0058	EA	8' Wide x 3' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	1,962.21	53.78
		For Solid Pickets, Add	*429.39*	
		For Aluminum With Satin Finish, Add	*516.01*	
		For Third Rail, Add	*135.06*	
		For 1" Square x 14 Gauge Pickets, Add	*180.08*	
32 31 19 00-0059	EA	9' Wide x 3' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,056.16	55.72
		For Solid Pickets, Add	*450.10*	
		For Aluminum With Satin Finish, Add	*541.64*	
		For Third Rail, Add	*141.68*	
		For 1" Square x 14 Gauge Pickets, Add	*188.90*	
32 31 19 00-0060	EA	10' Wide x 3' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,132.47	57.53
		For Solid Pickets, Add	*466.84*	
		For Aluminum With Satin Finish, Add	*561.97*	
		For Third Rail, Add	*146.97*	
		For 1" Square x 14 Gauge Pickets, Add	*195.96*	
32 31 19 00-0061	EA	12' Wide x 3' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,400.00	68.90
		For Solid Pickets, Add	*524.48*	
		For Aluminum With Satin Finish, Add	*626.88*	
		For Third Rail, Add	*164.48*	
		For 1" Square x 14 Gauge Pickets, Add	*219.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0062	EA	14' Wide x 3' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,630.28	80.27
		For Solid Pickets, Add	*573.73*	
		For Aluminum With Satin Finish, Add	*680.61*	
		For Third Rail, Add	*179.19*	
		For 1" Square x 14 Gauge Pickets, Add	*238.92*	
32 31 19 00-0063	EA	16' Wide x 3' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,823.59	92.44
		For Solid Pickets, Add	*614.50*	
		For Aluminum With Satin Finish, Add	*722.23*	
		For Third Rail, Add	*190.96*	
		For 1" Square x 14 Gauge Pickets, Add	*254.62*	
32 31 19 00-0064	EA	18' Wide x 3' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,985.20	103.70
		For Solid Pickets, Add	*648.30*	
		For Aluminum With Satin Finish, Add	*755.37*	
		For Third Rail, Add	*200.52*	
		For 1" Square x 14 Gauge Pickets, Add	*267.37*	
32 31 19 00-0065	EA	20' Wide x 3' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	3,117.39	115.07
		For Solid Pickets, Add	*675.49*	
		For Aluminum With Satin Finish, Add	*779.67*	
		For Third Rail, Add	*207.88*	
		For 1" Square x 14 Gauge Pickets, Add	*277.17*	

32 31 19 00-0066 4' Fence Height Steel Tube Swing Gates, 2 Rail *(32 31 19 00-0045)*

32 31 19 00-0067	EA	3' Wide x 4' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	920.24	22.74
		For Solid Pickets, Add	*201.30*	
		For Aluminum With Satin Finish, Add	*241.53*	
		For Third Rail, Add	*63.26*	
		For 1" Square x 14 Gauge Pickets, Add	*84.35*	
32 31 19 00-0068	EA	3'-6" Wide x 4' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	995.66	26.49
		For Solid Pickets, Add	*218.05*	
		For Aluminum With Satin Finish, Add	*262.88*	
		For Third Rail, Add	*68.71*	
		For 1" Square x 14 Gauge Pickets, Add	*91.61*	
32 31 19 00-0069	EA	4' Wide x 4' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,073.93	28.42
		For Solid Pickets, Add	*235.24*	
		For Aluminum With Satin Finish, Add	*283.80*	
		For Third Rail, Add	*74.15*	
		For 1" Square x 14 Gauge Pickets, Add	*98.87*	
32 31 19 00-0070	EA	5' Wide x 4' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,138.45	30.25
		For Solid Pickets, Add	*249.33*	
		For Aluminum With Satin Finish, Add	*300.60*	
		For Third Rail, Add	*78.56*	
		For 1" Square x 14 Gauge Pickets, Add	*104.75*	
32 31 19 00-0071	EA	6' Wide x 4' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,227.27	36.39
		For Solid Pickets, Add	*267.95*	
		For Aluminum With Satin Finish, Add	*319.06*	
		For Third Rail, Add	*83.86*	
		For 1" Square x 14 Gauge Pickets, Add	*111.81*	
32 31 19 00-0072	EA	7' Wide x 4' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,347.47	42.41
		For Solid Pickets, Add	*293.63*	
		For Aluminum With Satin Finish, Add	*346.93*	
		For Third Rail, Add	*91.51*	
		For 1" Square x 14 Gauge Pickets, Add	*122.01*	
32 31 19 00-0073	EA	8' Wide x 4' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,512.78	48.43
		For Solid Pickets, Add	*329.46*	
		For Aluminum With Satin Finish, Add	*388.34*	
		For Third Rail, Add	*102.54*	
		For 1" Square x 14 Gauge Pickets, Add	*136.72*	
32 31 19 00-0074	EA	9' Wide x 4' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,674.16	54.58
		For Solid Pickets, Add	*364.41*	
		For Aluminum With Satin Finish, Add	*428.57*	
		For Third Rail, Add	*113.28*	
		For 1" Square x 14 Gauge Pickets, Add	*151.04*	
32 31 19 00-0075	EA	10' Wide x 4' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,827.70	60.60
		For Solid Pickets, Add	*397.59*	
		For Aluminum With Satin Finish, Add	*466.45*	
		For Third Rail, Add	*123.43*	
		For 1" Square x 14 Gauge Pickets, Add	*164.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0076	EA	6' Wide x 4' High Steel Tube Double Swing Gate	1,840.47	51.16
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*402.59*	
		For Aluminum With Satin Finish, Add	*483.07*	
		For Third Rail, Add	*126.52*	
		For 1" Square x 14 Gauge Pickets, Add	*168.70*	
32 31 19 00-0077	EA	7' Wide x 4' High Steel Tube Double Swing Gate	1,991.31	52.99
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*436.11*	
		For Aluminum With Satin Finish, Add	*525.76*	
		For Third Rail, Add	*137.41*	
		For 1" Square x 14 Gauge Pickets, Add	*183.21*	
32 31 19 00-0078	EA	8' Wide x 4' High Steel Tube Double Swing Gate	2,147.84	56.85
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*470.47*	
		For Aluminum With Satin Finish, Add	*567.60*	
		For Third Rail, Add	*148.30*	
		For 1" Square x 14 Gauge Pickets, Add	*197.73*	
32 31 19 00-0079	EA	9' Wide x 4' High Steel Tube Double Swing Gate	2,271.22	58.67
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*497.81*	
		For Aluminum With Satin Finish, Add	*602.06*	
		For Third Rail, Add	*157.12*	
		For 1" Square x 14 Gauge Pickets, Add	*209.50*	
32 31 19 00-0080	EA	10' Wide x 4' High Steel Tube Double Swing Gate	2,374.99	60.60
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*520.73*	
		For Aluminum With Satin Finish, Add	*630.63*	
		For Third Rail, Add	*164.48*	
		For 1" Square x 14 Gauge Pickets, Add	*219.31*	
32 31 19 00-0081	EA	12' Wide x 4' High Steel Tube Double Swing Gate	2,695.80	72.66
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*590.18*	
		For Aluminum With Satin Finish, Add	*710.51*	
		For Third Rail, Add	*185.81*	
		For 1" Square x 14 Gauge Pickets, Add	*247.75*	
32 31 19 00-0082	EA	14' Wide x 4' High Steel Tube Double Swing Gate	2,977.39	84.82
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*650.81*	
		For Aluminum With Satin Finish, Add	*778.61*	
		For Third Rail, Add	*204.20*	
		For 1" Square x 14 Gauge Pickets, Add	*272.27*	
32 31 19 00-0083	EA	16' Wide x 4' High Steel Tube Double Swing Gate	3,221.70	96.87
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*703.05*	
		For Aluminum With Satin Finish, Add	*835.53*	
		For Third Rail, Add	*219.80*	
		For 1" Square x 14 Gauge Pickets, Add	*293.06*	
32 31 19 00-0084	EA	18' Wide x 4' High Steel Tube Double Swing Gate	3,432.67	109.04
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*747.79*	
		For Aluminum With Satin Finish, Add	*882.44*	
		For Third Rail, Add	*232.89*	
		For 1" Square x 14 Gauge Pickets, Add	*310.52*	
32 31 19 00-0085	EA	20' Wide x 4' High Steel Tube Double Swing Gate	3,612.25	121.20
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*785.47*	
		For Aluminum With Satin Finish, Add	*919.95*	
		For Third Rail, Add	*243.63*	
		For 1" Square x 14 Gauge Pickets, Add	*324.84*	

32 31 19 00-0086 5' Fence Height Steel Tube Swing Gates, 2 Rail *(32 31 19 00-0045)*

32 31 19 00-0087	EA	3' Wide x 5' High Steel Tube Single Swing Gate	1,001.54	26.49
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*219.38*	
		For Aluminum With Satin Finish, Add	*264.65*	
		For Third Rail, Add	*69.15*	
		For 1" Square x 14 Gauge Pickets, Add	*92.20*	
32 31 19 00-0088	EA	3'-6" Wide x 5' High Steel Tube Single Swing Gate	1,056.27	28.42
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*231.26*	
		For Aluminum With Satin Finish, Add	*278.51*	
		For Third Rail, Add	*72.82*	
		For 1" Square x 14 Gauge Pickets, Add	*97.10*	
32 31 19 00-0089	EA	4' Wide x 5' High Steel Tube Single Swing Gate	1,109.03	30.25
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*242.71*	
		For Aluminum With Satin Finish, Add	*291.78*	
		For Third Rail, Add	*76.36*	
		For 1" Square x 14 Gauge Pickets, Add	*101.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0090	EA	5' Wide x 5' High Steel Tube Single Swing Gate	1,185.34	32.18
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*259.45*	
		For Aluminum With Satin Finish, Add	*312.11*	
		For Third Rail, Add	*81.65*	
		For 1" Square x 14 Gauge Pickets, Add	*108.87*	
32 31 19 00-0091	EA	6' Wide x 5' High Steel Tube Single Swing Gate	1,289.02	38.66
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*281.33*	
		For Aluminum With Satin Finish, Add	*334.52*	
		For Third Rail, Add	*87.98*	
		For 1" Square x 14 Gauge Pickets, Add	*117.30*	
32 31 19 00-0092	EA	7' Wide x 5' High Steel Tube Single Swing Gate	1,426.03	45.03
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*310.71*	
		For Aluminum With Satin Finish, Add	*366.92*	
		For Third Rail, Add	*96.80*	
		For 1" Square x 14 Gauge Pickets, Add	*129.07*	
32 31 19 00-0093	EA	8' Wide x 5' High Steel Tube Single Swing Gate	1,617.17	51.85
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*352.18*	
		For Aluminum With Satin Finish, Add	*415.05*	
		For Third Rail, Add	*109.60*	
		For 1" Square x 14 Gauge Pickets, Add	*146.14*	
32 31 19 00-0094	EA	9' Wide x 5' High Steel Tube Single Swing Gate	1,803.23	58.33
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*392.59*	
		For Aluminum With Satin Finish, Add	*462.17*	
		For Third Rail, Add	*122.11*	
		For 1" Square x 14 Gauge Pickets, Add	*162.81*	
32 31 19 00-0095	EA	10' Wide x 5' High Steel Tube Single Swing Gate	1,985.36	64.70
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*432.12*	
		For Aluminum With Satin Finish, Add	*508.12*	
		For Third Rail, Add	*134.32*	
		For 1" Square x 14 Gauge Pickets, Add	*179.09*	
32 31 19 00-0096	EA	6' Wide x 5' High Steel Tube Double Swing Gate	1,971.47	44.69
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*434.01*	
		For Aluminum With Satin Finish, Add	*534.03*	
		For Third Rail, Add	*138.29*	
		For 1" Square x 14 Gauge Pickets, Add	*184.39*	
32 31 19 00-0097	EA	7' Wide x 5' High Steel Tube Double Swing Gate	2,088.86	52.07
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*458.83*	
		For Aluminum With Satin Finish, Add	*559.68*	
		For Third Rail, Add	*145.50*	
		For 1" Square x 14 Gauge Pickets, Add	*194.00*	
32 31 19 00-0098	EA	8' Wide x 5' High Steel Tube Double Swing Gate	2,207.49	59.92
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*483.83*	
		For Aluminum With Satin Finish, Add	*585.14*	
		For Third Rail, Add	*152.71*	
		For 1" Square x 14 Gauge Pickets, Add	*203.61*	
32 31 19 00-0099	EA	9' Wide x 5' High Steel Tube Double Swing Gate	2,369.99	67.43
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*518.80*	
		For Aluminum With Satin Finish, Add	*624.32*	
		For Third Rail, Add	*163.30*	
		For 1" Square x 14 Gauge Pickets, Add	*217.74*	
32 31 19 00-0100	EA	10' Wide x 5' High Steel Tube Double Swing Gate	2,512.87	74.81
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*549.36*	
		For Aluminum With Satin Finish, Add	*657.62*	
		For Third Rail, Add	*172.43*	
		For 1" Square x 14 Gauge Pickets, Add	*229.90*	
32 31 19 00-0101	EA	12' Wide x 5' High Steel Tube Double Swing Gate	2,860.29	83.23
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*625.74*	
		For Aluminum With Satin Finish, Add	*751.15*	
		For Third Rail, Add	*196.70*	
		For 1" Square x 14 Gauge Pickets, Add	*262.27*	
32 31 19 00-0102	EA	14' Wide x 5' High Steel Tube Double Swing Gate	3,172.95	92.33
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*694.12*	
		For Aluminum With Satin Finish, Add	*833.13*	
		For Third Rail, Add	*218.18*	
		For 1" Square x 14 Gauge Pickets, Add	*290.91*	
32 31 19 00-0103	EA	16' Wide x 5' High Steel Tube Double Swing Gate	3,452.80	102.45
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*754.93*	
		For Aluminum With Satin Finish, Add	*904.14*	
		For Third Rail, Add	*237.01*	
		For 1" Square x 14 Gauge Pickets, Add	*316.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0104	EA	18' Wide x 5' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	3,705.02	113.82
		For Solid Pickets, Add	*809.24*	
		For Aluminum With Satin Finish, Add	*965.18*	
		For Third Rail, Add	*253.49*	
		For 1" Square x 14 Gauge Pickets, Add	*337.98*	
32 31 19 00-0105	EA	20' Wide x 5' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	3,929.60	126.55
		For Solid Pickets, Add	*857.05*	
		For Aluminum With Satin Finish, Add	*1,016.23*	
		For Third Rail, Add	*267.61*	
		For 1" Square x 14 Gauge Pickets, Add	*356.82*	
32 31 19 00-0106		**6' Fence Height Steel Tube Swing Gates, 2 Rail** *(32 31 19 00-0045)*		
32 31 19 00-0107	EA	3' Wide x 6' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,042.85	29.11
		For Solid Pickets, Add	*228.08*	
		For Aluminum With Satin Finish, Add	*273.46*	
		For Third Rail, Add	*71.65*	
		For 1" Square x 14 Gauge Pickets, Add	*95.53*	
32 31 19 00-0108	EA	3'-6" Wide x 6' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,096.44	30.70
		For Solid Pickets, Add	*239.79*	
		For Aluminum With Satin Finish, Add	*287.49*	
		For Third Rail, Add	*75.33*	
		For 1" Square x 14 Gauge Pickets, Add	*100.43*	
32 31 19 00-0109	EA	4' Wide x 6' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,150.83	32.40
		For Solid Pickets, Add	*251.63*	
		For Aluminum With Satin Finish, Add	*301.40*	
		For Third Rail, Add	*79.00*	
		For 1" Square x 14 Gauge Pickets, Add	*105.34*	
32 31 19 00-0110	EA	5' Wide x 6' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,217.67	34.46
		For Solid Pickets, Add	*266.21*	
		For Aluminum With Satin Finish, Add	*318.74*	
		For Third Rail, Add	*83.56*	
		For 1" Square x 14 Gauge Pickets, Add	*111.42*	
32 31 19 00-0111	EA	6' Wide x 6' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,366.76	41.62
		For Solid Pickets, Add	*298.14*	
		For Aluminum With Satin Finish, Add	*353.75*	
		For Third Rail, Add	*93.13*	
		For 1" Square x 14 Gauge Pickets, Add	*124.17*	
32 31 19 00-0112	EA	7' Wide x 6' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,525.66	48.89
		For Solid Pickets, Add	*332.27*	
		For Aluminum With Satin Finish, Add	*391.70*	
		For Third Rail, Add	*103.43*	
		For 1" Square x 14 Gauge Pickets, Add	*137.90*	
32 31 19 00-0113	EA	8' Wide x 6' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,703.07	55.72
		For Solid Pickets, Add	*370.66*	
		For Aluminum With Satin Finish, Add	*435.71*	
		For Third Rail, Add	*115.19*	
		For 1" Square x 14 Gauge Pickets, Add	*153.59*	
32 31 19 00-0114	EA	9' Wide x 6' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,873.75	62.88
		For Solid Pickets, Add	*407.44*	
		For Aluminum With Satin Finish, Add	*477.19*	
		For Third Rail, Add	*126.38*	
		For 1" Square x 14 Gauge Pickets, Add	*168.50*	
32 31 19 00-0115	EA	10' Wide x 6' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	2,081.71	70.04
		For Solid Pickets, Add	*452.61*	
		For Aluminum With Satin Finish, Add	*529.86*	
		For Third Rail, Add	*140.35*	
		For 1" Square x 14 Gauge Pickets, Add	*187.14*	
32 31 19 00-0116	EA	6' Wide x 6' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,048.18	48.21
		For Solid Pickets, Add	*450.52*	
		For Aluminum With Satin Finish, Add	*552.54*	
		For Third Rail, Add	*143.30*	
		For 1" Square x 14 Gauge Pickets, Add	*191.06*	
32 31 19 00-0117	EA	7' Wide x 6' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,170.02	56.51
		For Solid Pickets, Add	*476.15*	
		For Aluminum With Satin Finish, Add	*578.40*	
		For Third Rail, Add	*150.65*	
		For 1" Square x 14 Gauge Pickets, Add	*200.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0118	EA	8' Wide x 6' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,290.62	64.36
		For Solid Pickets, Add	*501.60*	
		For Aluminum With Satin Finish, Add	*604.45*	
		For Third Rail, Add	*158.01*	
		For 1" Square x 14 Gauge Pickets, Add	*210.68*	
32 31 19 00-0119	EA	9' Wide x 6' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,436.00	72.66
		For Solid Pickets, Add	*532.53*	
		For Aluminum With Satin Finish, Add	*637.37*	
		For Third Rail, Add	*167.13*	
		For 1" Square x 14 Gauge Pickets, Add	*222.84*	
32 31 19 00-0120	EA	10' Wide x 6' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,663.77	80.96
		For Solid Pickets, Add	*581.99*	
		For Aluminum With Satin Finish, Add	*695.01*	
		For Third Rail, Add	*182.43*	
		For 1" Square x 14 Gauge Pickets, Add	*243.24*	
32 31 19 00-0121	EA	12' Wide x 6' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	3,123.54	90.16
		For Solid Pickets, Add	*683.47*	
		For Aluminum With Satin Finish, Add	*821.12*	
		For Third Rail, Add	*214.94*	
		For 1" Square x 14 Gauge Pickets, Add	*286.59*	
32 31 19 00-0122	EA	14' Wide x 6' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	3,271.26	100.74
		For Solid Pickets, Add	*714.46*	
		For Aluminum With Satin Finish, Add	*851.93*	
		For Third Rail, Add	*223.77*	
		For 1" Square x 14 Gauge Pickets, Add	*298.36*	
32 31 19 00-0123	EA	16' Wide x 6' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	3,592.13	112.11
		For Solid Pickets, Add	*784.22*	
		For Aluminum With Satin Finish, Add	*933.56*	
		For Third Rail, Add	*245.40*	
		For 1" Square x 14 Gauge Pickets, Add	*327.20*	
32 31 19 00-0124	EA	18' Wide x 6' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	3,887.34	124.73
		For Solid Pickets, Add	*847.92*	
		For Aluminum With Satin Finish, Add	*1,005.80*	
		For Third Rail, Add	*264.82*	
		For 1" Square x 14 Gauge Pickets, Add	*353.09*	
32 31 19 00-0125	EA	20' Wide x 6' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	4,162.04	139.17
		For Solid Pickets, Add	*906.63*	
		For Aluminum With Satin Finish, Add	*1,069.63*	
		For Third Rail, Add	*282.32*	
		For 1" Square x 14 Gauge Pickets, Add	*376.43*	
32 31 19 00-0126		7' Fence Height Steel Tube Swing Gates, 2 Rail *(32 31 19 00-0045)*		
32 31 19 00-0127	EA	3' Wide x 7' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,104.93	31.49
		For Solid Pickets, Add	*241.51*	
		For Aluminum With Satin Finish, Add	*288.86*	
		For Third Rail, Add	*75.77*	
		For 1" Square x 14 Gauge Pickets, Add	*101.02*	
32 31 19 00-0128	EA	3'-6" Wide x 7' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,160.95	33.20
		For Solid Pickets, Add	*253.73*	
		For Aluminum With Satin Finish, Add	*303.41*	
		For Third Rail, Add	*79.59*	
		For 1" Square x 14 Gauge Pickets, Add	*106.12*	
32 31 19 00-0129	EA	4' Wide x 7' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,217.19	34.91
		For Solid Pickets, Add	*266.00*	
		For Aluminum With Satin Finish, Add	*317.93*	
		For Third Rail, Add	*83.42*	
		For 1" Square x 14 Gauge Pickets, Add	*111.22*	
32 31 19 00-0130	EA	5' Wide x 7' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,273.51	36.72
		For Solid Pickets, Add	*278.27*	
		For Aluminum With Satin Finish, Add	*332.43*	
		For Third Rail, Add	*87.24*	
		For 1" Square x 14 Gauge Pickets, Add	*116.32*	
32 31 19 00-0131	EA	6' Wide x 7' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,473.93	44.69
		For Solid Pickets, Add	*321.57*	
		For Aluminum With Satin Finish, Add	*381.81*	
		For Third Rail, Add	*100.48*	
		For 1" Square x 14 Gauge Pickets, Add	*133.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0132	EA	7' Wide x 7' High Steel Tube Single Swing Gate	1,657.53	52.30
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*361.18*	
		For Aluminum With Satin Finish, Add	*426.65*	
		For Third Rail, Add	*112.55*	
		For 1" Square x 14 Gauge Pickets, Add	*150.06*	
32 31 19 00-0133	EA	8' Wide x 7' High Steel Tube Single Swing Gate	1,791.26	60.15
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*389.47*	
		For Aluminum With Satin Finish, Add	*456.02*	
		For Third Rail, Add	*120.79*	
		For 1" Square x 14 Gauge Pickets, Add	*161.05*	
32 31 19 00-0134	EA	9' Wide x 7' High Steel Tube Single Swing Gate	1,943.46	67.76
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*422.01*	
		For Aluminum With Satin Finish, Add	*491.45*	
		For Third Rail, Add	*130.50*	
		For 1" Square x 14 Gauge Pickets, Add	*173.99*	
32 31 19 00-0135	EA	10' Wide x 7' High Steel Tube Single Swing Gate	2,130.15	75.73
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*462.23*	
		For Aluminum With Satin Finish, Add	*536.72*	
		For Third Rail, Add	*142.71*	
		For 1" Square x 14 Gauge Pickets, Add	*190.28*	
32 31 19 00-0136	EA	6' Wide x 7' High Steel Tube Double Swing Gate	2,168.03	51.62
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*476.74*	
		For Aluminum With Satin Finish, Add	*584.00*	
		For Third Rail, Add	*151.53*	
		For 1" Square x 14 Gauge Pickets, Add	*202.05*	
32 31 19 00-0137	EA	7' Wide x 7' High Steel Tube Double Swing Gate	2,295.05	60.38
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*503.44*	
		For Aluminum With Satin Finish, Add	*610.85*	
		For Third Rail, Add	*159.18*	
		For 1" Square x 14 Gauge Pickets, Add	*212.25*	
32 31 19 00-0138	EA	8' Wide x 7' High Steel Tube Double Swing Gate	2,423.32	69.59
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*530.33*	
		For Aluminum With Satin Finish, Add	*637.50*	
		For Third Rail, Add	*166.83*	
		For 1" Square x 14 Gauge Pickets, Add	*222.45*	
32 31 19 00-0139	EA	9' Wide x 7' High Steel Tube Double Swing Gate	2,552.29	78.34
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*557.48*	
		For Aluminum With Satin Finish, Add	*664.95*	
		For Third Rail, Add	*174.63*	
		For 1" Square x 14 Gauge Pickets, Add	*232.84*	
32 31 19 00-0140	EA	10' Wide x 7' High Steel Tube Double Swing Gate	2,874.76	87.55
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*628.06*	
		For Aluminum With Satin Finish, Add	*749.87*	
		For Third Rail, Add	*196.85*	
		For 1" Square x 14 Gauge Pickets, Add	*262.46*	
32 31 19 00-0141	EA	12' Wide x 7' High Steel Tube Double Swing Gate	3,474.36	97.67
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*760.81*	
		For Aluminum With Satin Finish, Add	*916.80*	
		For Third Rail, Add	*239.66*	
		For 1" Square x 14 Gauge Pickets, Add	*319.55*	
32 31 19 00-0142	EA	14' Wide x 7' High Steel Tube Double Swing Gate	3,437.51	109.50
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*749.99*	
		For Aluminum With Satin Finish, Add	*890.55*	
		For Third Rail, Add	*234.36*	
		For 1" Square x 14 Gauge Pickets, Add	*312.48*	
32 31 19 00-0143	EA	16' Wide x 7' High Steel Tube Double Swing Gate	3,724.86	122.12
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*811.92*	
		For Aluminum With Satin Finish, Add	*960.43*	
		For Third Rail, Add	*253.19*	
		For 1" Square x 14 Gauge Pickets, Add	*337.59*	
32 31 19 00-0144	EA	18' Wide x 7' High Steel Tube Double Swing Gate	4,068.23	136.55
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*886.08*	
		For Aluminum With Satin Finish, Add	*1,044.87*	
		For Third Rail, Add	*275.85*	
		For 1" Square x 14 Gauge Pickets, Add	*367.80*	
32 31 19 00-0145	EA	20' Wide x 7' High Steel Tube Double Swing Gate	4,295.68	152.36
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*933.88*	
		For Aluminum With Satin Finish, Add	*1,092.84*	
		For Third Rail, Add	*289.53*	
		For 1" Square x 14 Gauge Pickets, Add	*386.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0146		8' Fence Height Steel Tube Swing Gates, 2 Rail *(32 31 19 00-0045)*		
32 31 19 00-0147	EA	3' Wide x 8' High Steel Tube Single Swing Gate	1,200.83	34.11
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*262.51*	
		For Aluminum With Satin Finish, Add	*314.20*	
		For Third Rail, Add	*82.39*	
		For 1" Square x 14 Gauge Pickets, Add	*109.85*	
32 31 19 00-0148	EA	3'-6" Wide x 8' High Steel Tube Single Swing Gate	1,259.48	35.93
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*275.28*	
		For Aluminum With Satin Finish, Add	*329.24*	
		For Third Rail, Add	*86.36*	
		For 1" Square x 14 Gauge Pickets, Add	*115.15*	
32 31 19 00-0149	EA	4' Wide x 8' High Steel Tube Single Swing Gate	1,322.05	37.86
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*288.93*	
		For Aluminum With Satin Finish, Add	*345.45*	
		For Third Rail, Add	*90.63*	
		For 1" Square x 14 Gauge Pickets, Add	*120.84*	
32 31 19 00-0150	EA	5' Wide x 8' High Steel Tube Single Swing Gate	1,378.28	42.18
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*300.60*	
		For Aluminum With Satin Finish, Add	*356.43*	
		For Third Rail, Add	*93.86*	
		For 1" Square x 14 Gauge Pickets, Add	*125.15*	
32 31 19 00-0151	EA	6' Wide x 8' High Steel Tube Single Swing Gate	1,630.15	47.75
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*356.04*	
		For Aluminum With Satin Finish, Add	*424.58*	
		For Third Rail, Add	*111.52*	
		For 1" Square x 14 Gauge Pickets, Add	*148.69*	
32 31 19 00-0152	EA	7' Wide x 8' High Steel Tube Single Swing Gate	1,814.68	57.53
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*395.34*	
		For Aluminum With Satin Finish, Add	*466.64*	
		For Third Rail, Add	*123.14*	
		For 1" Square x 14 Gauge Pickets, Add	*164.19*	
32 31 19 00-0153	EA	8' Wide x 8' High Steel Tube Single Swing Gate	1,896.07	66.97
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*411.52*	
		For Aluminum With Satin Finish, Add	*478.26*	
		For Third Rail, Add	*127.11*	
		For 1" Square x 14 Gauge Pickets, Add	*169.48*	
32 31 19 00-0154	EA	9' Wide x 8' High Steel Tube Single Swing Gate	2,033.53	76.87
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*440.23*	
		For Aluminum With Satin Finish, Add	*506.19*	
		For Third Rail, Add	*135.20*	
		For 1" Square x 14 Gauge Pickets, Add	*180.27*	
32 31 19 00-0155	EA	10' Wide x 8' High Steel Tube Single Swing Gate	2,153.30	86.76
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*464.97*	
		For Aluminum With Satin Finish, Add	*528.83*	
		For Third Rail, Add	*141.97*	
		For 1" Square x 14 Gauge Pickets, Add	*189.29*	
32 31 19 00-0156	EA	6' Wide x 8' High Steel Tube Double Swing Gate	2,356.54	55.14
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*518.40*	
		For Aluminum With Satin Finish, Add	*636.05*	
		For Third Rail, Add	*164.92*	
		For 1" Square x 14 Gauge Pickets, Add	*219.90*	
32 31 19 00-0157	EA	7' Wide x 8' High Steel Tube Double Swing Gate	2,498.91	66.51
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*548.00*	
		For Aluminum With Satin Finish, Add	*664.12*	
		For Third Rail, Add	*173.16*	
		For 1" Square x 14 Gauge Pickets, Add	*230.88*	
32 31 19 00-0158	EA	8' Wide x 8' High Steel Tube Double Swing Gate	2,638.07	77.43
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*576.96*	
		For Aluminum With Satin Finish, Add	*691.80*	
		For Third Rail, Add	*181.25*	
		For 1" Square x 14 Gauge Pickets, Add	*241.67*	
32 31 19 00-0159	EA	9' Wide x 8' High Steel Tube Double Swing Gate	2,754.94	88.91
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*600.82*	
		For Aluminum With Satin Finish, Add	*712.23*	
		For Third Rail, Add	*187.58*	
		For 1" Square x 14 Gauge Pickets, Add	*250.10*	
32 31 19 00-0160	EA	10' Wide x 8' High Steel Tube Double Swing Gate	3,201.36	100.28
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*698.82*	
		For Aluminum With Satin Finish, Add	*831.52*	
		For Third Rail, Add	*218.62*	
		For 1" Square x 14 Gauge Pickets, Add	*291.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0161	EA	12' Wide x 8' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	3,988.92	112.90
		For Solid Pickets, Add	*873.31*	
		For Aluminum With Satin Finish, Add	*1,051.47*	
		For Third Rail, Add	*274.97*	
		For 1" Square x 14 Gauge Pickets, Add	*366.62*	
32 31 19 00-0162	EA	14' Wide x 8' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	3,649.64	127.35
		For Solid Pickets, Add	*793.87*	
		For Aluminum With Satin Finish, Add	*931.11*	
		For Third Rail, Add	*246.43*	
		For 1" Square x 14 Gauge Pickets, Add	*328.57*	
32 31 19 00-0163	EA	16' Wide x 8' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	3,909.02	144.06
		For Solid Pickets, Add	*848.67*	
		For Aluminum With Satin Finish, Add	*987.54*	
		For Third Rail, Add	*262.31*	
		For 1" Square x 14 Gauge Pickets, Add	*349.75*	
32 31 19 00-0164	EA	18' Wide x 8' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	4,308.75	162.37
		For Solid Pickets, Add	*934.67*	
		For Aluminum With Satin Finish, Add	*1,083.82*	
		For Third Rail, Add	*288.36*	
		For 1" Square x 14 Gauge Pickets, Add	*384.47*	
32 31 19 00-0165	EA	20' Wide x 8' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	4,398.92	182.94
		For Solid Pickets, Add	*950.55*	
		For Aluminum With Satin Finish, Add	*1,084.42*	
		For Third Rail, Add	*290.71*	
		For 1" Square x 14 Gauge Pickets, Add	*387.61*	
32 31 19 00-0166		Replace Steel Tube Fence Pickets *(32 31 19 00-0032)*		
32 31 19 00-0167	LF	Removal And Replacement Of 3/4" Square x 16 Gauge Steel Tube Fence Picket	32.79	
		For 1" Square x 14 Gauge Pickets, Add	*1.01*	
32 31 19 00-0168		Removal And Reinstallation Of Ornamental Fences *(32 31 19)* Note: Including storage and cleaning. Excludes augering and concrete.		
32 31 19 00-0169	LF	Removal And Reinstallation Of Ornamental Fence Up To 5' Height	51.16	
32 31 19 00-0170	LF	Removal And Reinstallation Of Ornamental Fence, 6' Height	56.28	
32 31 19 00-0171	LF	Removal And Reinstallation Of Ornamental Fence, 7' Height	61.40	
32 31 19 00-0172	LF	Removal And Reinstallation Of Ornamental Fence, 8' Height	66.51	
32 31 19 00-0173	LF	Removal And Reinstallation Of Ornamental Fence, 9' Height	71.63	
32 31 19 00-0174	LF	Removal And Reinstallation Of Ornamental Fence, 10' Height	76.75	
32 31 19 00-0175	LF	Removal And Reinstallation Of Ornamental Fence 12' Height	85.28	
32 31 19 00-0176		Hot Dipped Galvanized Steel Tube Fence *(32 31 19)*		
32 31 19 00-0177		Hot Dipped Galvanized Steel Tube Fence, 4 Rail *(32 31 19 00-0176)*		
32 31 19 00-0178	LF	8' Hot Dip Galvanized Steel Tube Security Fence Assembly Note: Includes four 2" x 2" x 1/8" thick hot dip galvanized horizontail rails, 3/4" square x 11 gauge hot dip galvanized pickets at 4" o.c. max. with curve at top and with anti-climb end, 3" square x 1/8" thick hot dip galvanized steel tube posts at 8' o.c. max with welded cap and closed exposed end, 12" diameter x 48" deep concrete footing at posts.	242.22	52.78
32 31 19 00-0179		Hot Dipped Galvanized Steel Tube Double Gate Assembly *(32 31 19 00-0176)*		
32 31 19 00-0180	EA	8' Wide x 7' High Double Gate, Hot Dip Galvanized Steel With Hot Dip Galvanized Steel Header Beam Note: Includes two (2) 4'-0" x7'-0" gates, hot dip galvanized frame and pickets with three (3) minimum heavy duty hinges per leaf; 2" x 4" x 3/16" hot dip galvanized steel header beam, gate frame: 2" x 2" x 3/16" hot dip galvanized steel tube, welded at mitered corners; 3/4" square X 11 gauge hot dip galvanized pickets at 4" on centers; 2" x 2" x 3/16" thick hot dip galvanized horizontal rails; 4" x 4" x 3/16" hot dip galvanized steel post, weld cap (1/8" thick) and close exposed end, 12" diameter x 48" deep concrete footing at posts; 1/8" thick hot dip galvanized steel plate; cane bolt and hasp, typical both gate leaf; flush 16" diameter X 18" deep concrete footing; high security lockset.	1,571.09	289.66
32 31 26		**Wire Fences and Gates** *(32 31)*		
32 31 26 13		**Wire Fences with Steel Posts** *(32 31 26)*		
32 31 26 13-0001		Chicken Wire *(32 31 26 13)* Note: Posts at 4'.		
32 31 26 13-0002	LF	4' High, 1" Mesh, Chicken Wire Fence, Metal Posts At 4'	9.64	2.07
32 31 26 13-0003	LF	6' High, 2" Mesh, Chicken Wire Fence, Metal Posts At 4'	10.55	2.07
32 31 26 13-0004		Wire And Screen *(32 31 26 13)*		
32 31 26 13-0005		Wire And Screen For Partitions And Fences *(32 31 26 13-0004)* Note: Excludes framing and post.		
32 31 26 13-0006		Screen Wire *(32 31 26 13-0005)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 26 13-0007	LF	Screen Wire, 48" Wide Rolls	13.39	1.15
32 31 26 13-0008		**Hog Wire** *(32 31 26 13-0005)*		
32 31 26 13-0009	SF	4" x 4" Hog Wire For Fencing	2.35	0.91
32 31 26 13-0010	SF	6" x 6" Hog Wire For Fencing	2.46	1.04
32 31 26 13-0011		**Non-Climb Horse Fence** *(32 31 26 13-0005)*		
32 31 26 13-0012	LF	4' Non-Climb Woven, 12.5 Gauge, Horse Fence	10.86	3.67
32 31 26 13-0013	LF	5' Non-Climb Woven, 12.5 Gauge, Horse Fence	13.96	4.59
32 31 26 13-0014	LF	6' Non-Climb Woven, 12.5 Gauge, Horse Fence	17.60	5.51
32 31 26 13-0015		**Screen For Partitions And Ceilings** *(32 31 26 13-0004)* Note: Can be used to support insulation on walls and ceilings.		
32 31 26 13-0016	SF	1" Mesh Chicken Wire	2.25	0.65
32 31 26 13-0017		**Wicket Fence** *(32 31 26 13)*		
32 31 26 13-0018	LF	Steel Wicket Fence, Painted	80.24	5.71
32 31 29		**Wood Fences and Gates** *(32 31)* See CSI section 32 31 13 13-0001 for drilling for augering holes and backfill.		
32 31 29 00-0001		**Basket Weave** *(32 31 29)* Note: 3/8" x 4" boards, 4" x 4" post		
32 31 29 00-0002	LF	6' High #1 Cedar Basket Weave Fence 3/8" x 4" Boards, 4" x 4" Post	48.49	4.13
		For Fastening With Screws Instead Of Nails, Add	*2.86*	
32 31 29 00-0003	LF	6' High, Pressure Treated Pine Basket Weave 3/8" x 4" Boards, 4" x 4" Post	32.34	4.13
		For Fastening With Screws Instead Of Nails, Add	*2.08*	
32 31 29 00-0004		**Board Fence** *(32 31 29)* Note: 1x4" board, 2x4" rail, 4x4" post.		
32 31 29 00-0005	LF	Two 2" x 4" Rails, 3' High 1" x 4" Boards, Preservative Treated Board Fence	31.69	4.13
		For 1" x 6" Boards, Deduct	*-3.36*	
		For 1" x 3" Boards (Stockade Top), Add	*4.19*	
		For Fastening With Screws Instead Of Nails, Add	*2.06*	
32 31 29 00-0006	LF	Two 2" x 4" Rails, 4' High 1" x 4" Boards, Preservative Treated Board Fence	35.24	4.13
		For 1" x 6" Boards, Deduct	*-3.66*	
		For 1" x 3" Boards (Stockade Top), Add	*4.54*	
		For Fastening With Screws Instead Of Nails, Add	*2.27*	
32 31 29 00-0007	LF	Three 2" x 4" Rails, 5' High 1" x 4" Boards, Preservative Treated Board Fence	39.29	4.13
		For 1" x 6" Boards, Deduct	*-3.91*	
		For 1" x 3" Boards (Stockade Top), Add	*4.79*	
		For Fastening With Screws Instead Of Nails, Add	*2.50*	
32 31 29 00-0008	LF	Three 2" x 4" Rails, 6' High 1" x 4" Boards, Preservative Treated Board Fence	41.93	4.13
		For 1" x 6" Boards, Deduct	*-4.11*	
		For 1" x 3" Boards (Stockade Top), Add	*5.02*	
		For Fastening With Screws Instead Of Nails, Add	*2.65*	
32 31 29 00-0009	LF	Three 2" x 4" Rails, 8' High 1" x 4" Boards, Preservative Treated Board Fence	44.77	4.13
		For 1" x 6" Boards, Deduct	*-4.32*	
		For 1" x 3" Boards (Stockade Top), Add	*5.24*	
		For Fastening With Screws Instead Of Nails, Add	*2.81*	
32 31 29 00-0010	LF	Two 2" x 4" Rails, 3' High 1" x 4" #2 Grade Western Cedar Board Fence	33.82	4.13
		For 1" x 6" Boards, Deduct	*-3.45*	
		For 1" x 3" Boards (Stockade Top), Add	*4.25*	
		For Fastening With Screws Instead Of Nails, Add	*2.17*	
32 31 29 00-0011	LF	Two 2" x 4" Rails, 4' High 1" x 4" #2 Grade Western Cedar Board Fence	36.88	4.13
		For 1" x 6" Boards, Deduct	*-3.73*	
		For 1" x 3" Boards (Stockade Top), Add	*4.59*	
		For Fastening With Screws Instead Of Nails, Add	*2.36*	
32 31 29 00-0012	LF	Three 2" x 4" Rails, 5' High 1" x 4" #2 Grade Western Cedar Board Fence	39.29	4.13
		For 1" x 6" Boards, Deduct	*-3.91*	
		For 1" x 3" Boards (Stockade Top), Add	*4.79*	
		For Fastening With Screws Instead Of Nails, Add	*2.50*	
32 31 29 00-0013	LF	Three 2" x 4" Rails, 6' High 1" x 4" #2 Grade Western Cedar Board Fence	41.93	4.13
		For 1" x 6" Boards, Deduct	*-4.11*	
		For 1" x 3" Boards (Stockade Top), Add	*5.02*	
		For Fastening With Screws Instead Of Nails, Add	*2.65*	
32 31 29 00-0014	LF	Three 2" x 4" Rails, 8' High 1" x 4" #2 Grade Western Cedar Board Fence	44.77	4.13
		For 1" x 6" Boards, Deduct	*-4.32*	
		For 1" x 3" Boards (Stockade Top), Add	*5.24*	
		For Fastening With Screws Instead Of Nails, Add	*2.81*	
32 31 29 00-0015	LF	Two 2" x 4" Rails, 3' High 1" x 4" #1 Grade Cedar Board Fence	33.83	4.13
		For 1" x 6" Boards, Deduct	*-3.45*	
		For 1" x 3" Boards (Stockade Top), Add	*4.26*	
		For Fastening With Screws Instead Of Nails, Add	*2.17*	
32 31 29 00-0016	LF	Two 2" x 4" Rails, 4' High 1" x 4" #1 Grade Cedar Board Fence	44.16	4.13
		For 1" x 6" Boards, Deduct	*-4.02*	
		For 1" x 3" Boards (Stockade Top), Add	*4.80*	
		For Fastening With Screws Instead Of Nails, Add	*2.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 29 00-0017	LF	Three 2" x 4" Rails, 5' High 1" x 4" #1 Grade Cedar Board Fence	46.26	4.13
		For 1" x 6" Boards, Deduct	*-4.19*	
		For 1" x 3" Boards (Stockade Top), Add	*5.00*	
		For Fastening With Screws Instead Of Nails, Add	*2.84*	
32 31 29 00-0018	LF	Three 2" x 4" Rails, 6' High 1" x 4" #1 Grade Cedar Board Fence	49.73	4.13
		For 1" x 6" Boards, Deduct	*-4.42*	
		For 1" x 3" Boards (Stockade Top), Add	*5.25*	
		For Fastening With Screws Instead Of Nails, Add	*3.04*	
32 31 29 00-0019	LF	Three 2" x 4" Rails, 8' High 1" x 4" #1 Grade Cedar Board Fence	53.47	4.13
		For 1" x 6" Boards, Deduct	*-4.66*	
		For 1" x 3" Boards (Stockade Top), Add	*5.51*	
		For Fastening With Screws Instead Of Nails, Add	*3.25*	
32 31 29 00-0020		**Shadow Box** *(32 31 29)*		
		Note: 1x6" board, 2x4" Rail, 4x4" post.		
32 31 29 00-0021	LF	Shadow Box, 3 - 2" x 4" Rails, 6' High 1" x 6" Pressure Treated Pine	67.01	4.13
		For Fastening With Screws Instead Of Nails, Add	*3.78*	
32 31 29 00-0022	LF	Shadow Box, 3 - 2" x 4" Rails, 4' High 1" x 4" #1 Cedar	84.16	4.13
		For Fastening With Screws Instead Of Nails, Add	*4.72*	
32 31 29 00-0023	LF	Shadow Box, 3 - 2" x 4" Rails, 6' High 1" x 4" #1 Cedar	91.65	4.13
		For Fastening With Screws Instead Of Nails, Add	*5.11*	
32 31 29 00-0024	LF	Shadow Box, 3 - 2" x 4" Rails, 8' High 1" x 4" #1 Cedar	98.47	4.13
		For Fastening With Screws Instead Of Nails, Add	*5.49*	
32 31 29 00-0025		**Open Rail Fence** *(32 31 29)*		
32 31 29 00-0026		**Post And Rail Fence, Ranch Style** *(32 31 29 00-0025)*		
32 31 29 00-0027	LF	Post And Rail Fence, 2 Rails, 3' High #1 Cedar	31.63	4.13
32 31 29 00-0028	LF	Post And Rail Fence, 2 Rails, 3' High #2 Cedar	24.87	4.13
32 31 29 00-0029	LF	Post And Rail Fence, 3 Rails, 4' High #1 Cedar	37.40	4.13
32 31 29 00-0030	LF	Post And Rail Fence, 3 Rails, 4' High #2 Cedar	26.86	4.13
32 31 29 00-0031		**Split Rail Fence** *(32 31 29 00-0025)*		
32 31 29 00-0032	LF	Split Rail Fence, 2 Rails, 3' High #1 Cedar	29.89	4.13
32 31 29 00-0033	LF	Split Rail Fence, 2 Rails, 3' High #2 Cedar	24.79	4.13
32 31 29 00-0034	LF	Split Rail Fence, 3 Rail, 4' High #1 Cedar	34.08	4.13
32 31 29 00-0035	LF	Split Rail Fence, 3 Rail, 4' High #2 Cedar	27.84	4.13
32 31 29 00-0036		**Picket Fence** *(32 31 29)*		
32 31 29 00-0037	LF	Picket Fence, 2 Rail, 3' High, Pressure Treated	36.15	4.13
		For Fastening With Screws Instead Of Nails, Add	*2.30*	
32 31 29 00-0038	LF	Picket Fence, 2 Rail, 3' High #1 Cedar	33.82	4.13
		For Fastening With Screws Instead Of Nails, Add	*2.18*	
32 31 29 00-0039		**Wood Fence Post Accessories** *(32 31 29)*		
32 31 29 00-0040	EA	3-1/2" x 3-1/2" Copper, Pyramid Slip Over, Wood Fence Post Cap	49.88	
32 31 29 00-0041	EA	4" x 4" Copper, Pyramid Slip Over, Wood Fence Post Cap	55.68	
32 31 29 00-0042	EA	6" x 6" Copper, Pyramid Slip Over, Wood Fence Post Cap	60.71	
32 31 29 00-0043	EA	8" x 8" Copper, Pyramid Slip Over, Wood Fence Post Cap	88.98	
32 31 29 00-0044		**Wood Gate** *(32 31 29)*		
32 31 29 00-0045		**Board Fence Gates, Pressure Treated Wood** *(32 31 29 00-0044)*		
		Note: Includes galvanized extra duty hinges (1-1/2 butts per leaf), a galvanized latch and extra heavy-duty wheels per leaf, based on 2x4 frame, 1x4 cover, galvanized nails and hinges (treated lumber).		
32 31 29 00-0046	EA	3' To 5' High x 3' Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	472.11	143.74
32 31 29 00-0047	EA	3' To 5' High x 3'-6" Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	522.61	152.36
32 31 29 00-0048	EA	3' To 5' High x 4' Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	584.58	166.73
32 31 29 00-0049	EA	3' To 5' High x 5' Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	664.61	175.36
32 31 29 00-0050	EA	3' To 5' High x 6' Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	744.64	183.99
32 31 29 00-0051	EA	>5' To 8' High x 3' Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	601.04	189.73
32 31 29 00-0052	EA	>5' To 8' High x 3'-6" Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	655.22	198.36
32 31 29 00-0053	EA	>5' To 8' High x 4' Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	709.38	206.99
32 31 29 00-0054	EA	>5' To 8' High x 5' Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	800.49	215.60
32 31 29 00-0055	EA	>5' To 8' High x 6' Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	873.13	224.23
32 31 29 00-0056		**Board Fence Gates, Grade 2 Cedar** *(32 31 29 00-0044)*		
		Note: Includes galvanized extra duty hinges (1-1/2 butts per leaf), a galvanized latch and extra heavy-duty wheels per leaf, based on 2x4 frame, 1x4 cover, galvanized nails and hinges (cedar lumber)		
32 31 29 00-0057	EA	3' To 5' High x 3' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	757.07	129.27
32 31 29 00-0058	EA	3' To 5' High x 3'-6" Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	783.66	137.03
32 31 29 00-0059	EA	3' To 5' High x 4' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	824.29	149.95
32 31 29 00-0060	EA	3' To 5' High x 5' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	869.34	157.71
32 31 29 00-0061	EA	3' To 5' High x 6' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	925.47	165.47

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 29 00-0062	EA	>5' To 8' High x 3' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	895.20	170.64
32 31 29 00-0063	EA	>5' To 8' High x 3'-6" Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	929.17	178.39
32 31 29 00-0064	EA	>5' To 8' High x 4' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	981.61	186.15
32 31 29 00-0065	EA	>5' To 8' High x 5' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	1,034.05	193.90
32 31 29 00-0066	EA	>5' To 8' High x 6' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	1,086.49	201.66
32 31 29 00-0067		Board Fence Gates, Grade 1 Cedar *(32 31 29 00-0044)*		
		Note: Includes galvanized extra duty hinges (1-1/2 butts per leaf), a galvanized latch and extra heavy-duty wheels per leaf, based on 2x4 frame, 1x4 cover, galvanized nails and hinges (cedar lumber)		
32 31 29 00-0068	EA	3' To 5' High x 3' Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	812.46	129.27
32 31 29 00-0069	EA	3' To 5' High x 3'-6" Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	846.43	137.03
32 31 29 00-0070	EA	3' To 5' High x 4' Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	890.76	149.95
32 31 29 00-0071	EA	3' To 5' High x 5' Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	943.20	157.71
32 31 29 00-0072	EA	3' To 5' High x 6' Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	995.63	165.47
32 31 29 00-0073	EA	>5' To 8' High x 3' Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	969.06	170.64
32 31 29 00-0074	EA	>5' To 8' High x 3'-6" Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	1,003.03	178.39
32 31 29 00-0075	EA	>5' To 8' High x 4' Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	1,055.47	186.15
32 31 29 00-0076	EA	>5' To 8' High x 5' Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	1,107.91	193.90
32 31 29 00-0077	EA	>5' To 8' High x 6' Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	1,178.81	201.66
32 31 29 00-0078		Pressure Treated Wood Fence Posts *(32 31 29)*		
		See CSI section 32 31 13 13-0001 for drilling augering, 32 31 56 00-0017 for barbed wire.		
32 31 29 00-0079	EA	4' High, Pressure Treated Wood Fence Posts, Set In Soil, Earth Fill	44.88	14.37
32 31 29 00-0080	EA	6' High, Pressure Treated Wood Fence Posts, Set In Soil, Earth Fill	50.71	14.37
32 31 29 00-0081	EA	4' High, Pressure Treated Wood Fence Posts, Set In Concrete	78.83	27.59
32 31 29 00-0082	EA	6' High, Pressure Treated Wood Fence Posts, Set In Concrete	85.47	27.59

32 31 56 Wild Life Deterrent Fence *(32 31)*

32 31 56 00-0001		Barbed Wire Fences *(32 31 56)*		
		Note: Excludes post holes and fill See CSI section 32 31 13 13-0001 for drilling for augering holes and backfill.		
32 31 56 00-0002		Fence Posts *(32 31 56 00-0001)*		
32 31 56 00-0003		Fence Post Soil, Set In Concrete *(32 31 56 00-0002)*		
32 31 56 00-0004	EA	Barbed Wire Fence Post, Galvanized Set In Concrete In Soil	110.83	9.09
		For Bracing On Corner Post, End Post And Pull Post, Add	*178.64*	
32 31 56 00-0005	EA	Barbed Wire Fence Post, Vinyl Coated Set In Concrete In Soil	148.77	9.09
		For Bracing On Corner Post, End Post And Pull Post, Add	*242.00*	
32 31 56 00-0006		Post In Rock *(32 31 56 00-0002)*		
32 31 56 00-0007	EA	Barbed Wire Fence Post, Galvanized Grouted In Rock	108.83	9.09
		For Bracing On Corner Post, End Post And Pull Post, Add	*175.64*	
32 31 56 00-0008	EA	Barbed Wire Fence Post, Vinyl Coated Grouted In Rock	146.77	9.09
		For Bracing On Corner Post, End Post And Pull Post, Add	*239.00*	
32 31 56 00-0009		Studded Steel T-Posts, Enamel Paint Finish *(32 31 56 00-0001)*		
		Note: Posts for barb wire, chain link or welded wire mesh.		
32 31 56 00-0010	EA	5' Studded Steel T-Post, Driven Into Earth	29.72	
32 31 56 00-0011	EA	5'-6" Studded Steel T-Post, Driven Into Earth	30.45	
32 31 56 00-0012	EA	6' Studded Steel T-Post, Driven Into Earth	31.79	
32 31 56 00-0013	EA	6'-6" Studded Steel T-Post, Driven Into Earth	33.14	
32 31 56 00-0014	EA	7' Studded Steel T-Post, Driven Into Earth	34.91	
32 31 56 00-0015	EA	8' Studded Steel T-Post, Driven Into Earth	39.26	
32 31 56 00-0016	EA	10' Studded Steel T-Post, Driven Into Earth	47.56	
32 31 56 00-0017		Barbed Wire *(32 31 56 00-0001)*		
		Note: Per strand.		
32 31 56 00-0018	LF	Galvanized Barbed Wire For Wild Life Deterrent Fencing, Per Strand	1.00	0.45
32 31 56 00-0019	LF	Vinyl Coated Barbed Wire, For Wild Life Deterrent Fencing, Per Strand	1.15	0.45
32 31 56 00-0020		Barbed Wire Fence, Farm Style, With Wood Posts *(32 31 56 00-0001)*		
		Note: Based on post at 10' centers, two corner post and two pull post per 300 lf.		
32 31 56 00-0021	LF	4'-6" Height, Three (3) Strand Barbed Wire Fence With Wood Posts	12.71	2.96
		Note: Posts at 10' maximum.		

32 32 Retaining Walls *(32 30)*

32 32 13 Cast-In-Place Concrete Retaining Wall *(32 32)*

Note: System includes all necessary forms (4 uses), 3000 PSI concrete with an 8" chute, all necessary reinforcing steel, and underdrain. Exposed concrete is patched and rubbed. Excludes initial site grading, subbase preparation or finish grading.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 32 13 00-0001		**Concrete Retaining Walls** *(32 32 13)* Note: System elements include all necessary forms (4 uses), 3000 PSI concrete with an 8" chute, all necessary reinforcing steel, and underdrain. Exposed concrete is patched and rubbed. Excludes initial site grading, subbase preparation or finish grading.		
32 32 13 00-0002	LF	4' High With Base, 10" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	403.33	146.54
		For >3:1 Sloped Soil At Top, Add	*9.38*	
32 32 13 00-0003	LF	6' High With Base, 10" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	503.22	180.31
		For >3:1 Sloped Soil At Top, Add	*12.11*	
32 32 13 00-0004	LF	8' High With Base, 10" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	548.24	194.50
		For >3:1 Sloped Soil At Top, Add	*13.54*	
32 32 13 00-0005	LF	10' High With Base, 13" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	698.69	240.49
		For >3:1 Sloped Soil At Top, Add	*18.51*	
32 32 13 00-0006	LF	12' High With Base, 14" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	805.26	276.24
		For >3:1 Sloped Soil At Top, Add	*21.48*	
32 32 13 00-0007	LF	16' High With Base, 16" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	1,164.71	405.25
		For >3:1 Sloped Soil At Top, Add	*30.12*	
32 32 13 00-0008	LF	20' High With Base, 18" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	1,598.76	559.47
		For >3:1 Sloped Soil At Top, Add	*40.78*	
32 32 13 00-0009	LF	4' High With Base, 12" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	443.26	160.03
		For >3:1 Sloped Soil At Top, Add	*10.47*	
32 32 13 00-0010	LF	6' High With Base, 12" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	542.71	192.83
		For >3:1 Sloped Soil At Top, Add	*13.36*	
32 32 13 00-0011	LF	8' High With Base, 12" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	574.77	201.19
		For >3:1 Sloped Soil At Top, Add	*14.65*	
32 32 13 00-0012	LF	10' High With Base, 16" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	791.01	269.64
		For >3:1 Sloped Soil At Top, Add	*21.39*	
32 32 13 00-0013	LF	12' High With Base, 18" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	1,002.79	346.35
		For >3:1 Sloped Soil At Top, Add	*26.36*	
32 32 13 00-0014	LF	16' High With Base, 21" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	1,503.42	525.01
		For >3:1 Sloped Soil At Top, Add	*38.55*	
32 32 13 00-0015	LF	20' High With Base, 24" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	2,121.77	741.07
		For >3:1 Sloped Soil At Top, Add	*54.37*	
32 32 16		**Precast Concrete Retaining Walls** *(32 32)*		
32 32 16 00-0001		**Precast Retaining Walls** *(32 32 16)* Note: Tied-back earth walls. Includes precast filter fabric, soil reinforcing mesh and cast-in-place coping. Excludes concrete leveling pad, or select earth excavation and backfill.		
32 32 16 00-0002	SF	10-15' High, Tied-back, Precast Concrete Retaining Walls	105.60	14.63
32 32 16 00-0003	SF	16-20' High, Tied-back, Precast Concrete Retaining Walls	108.69	11.75
32 32 16 00-0004	SF	21-25' High, Tied-back, Precast Concrete Retaining Walls	112.91	9.79
32 32 16 00-0005	SF	26-30' High, Tied-back, Precast Concrete Retaining Walls	122.15	9.79
32 32 16 00-0006	SF	>30' High, Tied-back, Precast Concrete Retaining Walls	129.36	8.36
32 32 23		**Segmental Retaining Walls** *(32 32)*		
32 32 23 13		**Segmental Concrete Unit Masonry Retaining Walls** *(32 32 23)*		
32 32 23 13-0001		**Modular Retaining Wall Systems** *(32 32 23 13)* Note: Includes installation, material and manufacturer's wall design. Includes stone wall, cap stones, #57 stone backing, Geo-Grid (2/3 height of wall), miradrain and fill with earth, and compaction. Includes cap at top, pins, and installation. Excludes initial site grading, subbase preparation or finish grading.		
32 32 23 13-0002		**"Amastone" Type Modular Retaining Wall Systems** *(32 32 23 13-0001)*		
32 32 23 13-0003	SF	Up To 4' Height "Amastone" Type Modular Retaining Wall System	73.47	9.13
		For >3:1 Sloped Soil At Top, Add	*4.69*	
32 32 23 13-0004	SF	4 To 8' Height "Amastone" Type Modular Retaining Wall System	77.52	9.61
		For >3:1 Sloped Soil At Top, Add	*4.96*	
32 32 23 13-0005	SF	8 To 12' Height "Amastone" Type Modular Retaining Wall System	80.76	10.57
		For >3:1 Sloped Soil At Top, Add	*5.07*	
32 32 23 13-0006	SF	12 To 16' Height "Amastone" Type Modular Retaining Wall System	84.20	11.53
		For >3:1 Sloped Soil At Top, Add	*5.20*	
32 32 23 13-0007		**"Diamond" Type Modular Retaining Wall Systems** *(32 32 23 13-0001)*		
32 32 23 13-0008	SF	Up To 4' Height "Diamond" Type Modular Retaining Wall System	76.36	9.13
		For >3:1 Sloped Soil At Top, Add	*4.94*	
32 32 23 13-0009	SF	4 To 8' Height "Diamond" Type Modular Retaining Wall System	80.41	9.61
		For >3:1 Sloped Soil At Top, Add	*5.20*	
32 32 23 13-0010	SF	8 To 12' Height "Diamond" Type Modular Retaining Wall System	83.65	10.57
		For >3:1 Sloped Soil At Top, Add	*5.31*	
32 32 23 13-0011	SF	12 To 16' Height "Diamond" Type Modular Retaining Wall System	87.09	11.53
		For >3:1 Sloped Soil At Top, Add	*5.44*	
32 32 23 13-0012		**"Keystone" Type Modular Retaining Wall Systems** *(32 32 23 13-0001)*		
32 32 23 13-0013	SF	Up To 4' Height "Keystone" Type Modular Retaining Wall System	83.25	9.13
		For >3:1 Sloped Soil At Top, Add	*5.53*	
32 32 23 13-0014	SF	4 To 8' Height "Keystone" Type Modular Retaining Wall System	87.31	9.61
		For >3:1 Sloped Soil At Top, Add	*5.79*	
32 32 23 13-0015	SF	8 To 12' Height "Keystone" Type Modular Retaining Wall System	90.55	10.57
		For >3:1 Sloped Soil At Top, Add	*5.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 32 23 13-0016	SF	12 To 16' Height "Keystone" Type Modular Retaining Wall System	93.98	11.53
		For >3:1 Sloped Soil At Top, Add	*6.03*	

32 32 23 13-0017 "Criblock" Type Modular Retaining Wall Systems *(32 32 23 13-0001)*

32 32 23 13-0018	SF	Up To 4' Height "Criblock" Type Modular Retaining Wall System	73.47	9.13
		For >3:1 Sloped Soil At Top, Add	*4.69*	
		For Gravel Backfill Instead Of Earth, Add	*0.25*	
32 32 23 13-0019	SF	4 To 8' Height "Criblock" Type Modular Retaining Wall System	77.52	9.61
		For >3:1 Sloped Soil At Top, Add	*4.96*	
		For Gravel Backfill Instead Of Earth, Add	*0.25*	
32 32 23 13-0020	SF	8 To 12' Height "Criblock" Type Modular Retaining Wall System	80.76	10.57
		For >3:1 Sloped Soil At Top, Add	*5.07*	
		For Gravel Backfill Instead Of Earth, Add	*0.25*	
32 32 23 13-0021	SF	12 To 16' Height "Criblock" Type Modular Retaining Wall System	84.20	11.53
		For >3:1 Sloped Soil At Top, Add	*5.20*	
		For Gravel Backfill Instead Of Earth, Add	*0.25*	

32 32 23 13-0022 "Versa-Lok" Type Modular Retaining Wall Systems *(32 32 23 13-0001)*

32 32 23 13-0023	SF	Up To 4' Height "Versa-Lok" Type Modular Retaining Wall System	64.72	9.13
		For >3:1 Sloped Soil At Top, Add	*3.95*	
32 32 23 13-0024	SF	4 To 8' Height "Versa-Lok" Type Modular Retaining Wall System	71.65	9.61
		For >3:1 Sloped Soil At Top, Add	*4.46*	
32 32 23 13-0025	SF	8 To 12' Height "Versa-Lok" Type Modular Retaining Wall System	74.94	10.57
		For >3:1 Sloped Soil At Top, Add	*4.57*	
32 32 23 13-0026	SF	12 To 16' Height "Versa-Lok" Type Modular Retaining Wall System	77.84	11.53
		For >3:1 Sloped Soil At Top, Add	*4.66*	

32 32 23 13-0027 Retaining Wall Cap Block Restoration *(32 32 23 13-0001)*

Note: Includes removal of existing cap block and installation of new cap block to match.

32 32 23 13-0028	LF	Removal And Reinstall Retaining Wall Cap Block And Pins	43.16	
		For >3:1 Sloped Soil At Top, Add	*2.51*	

32 32 26 Metal Crib Retaining Walls *(32 32)*

32 32 26 00-0001 Bin Type Retaining Wall *(32 32 26)*

32 32 26 00-0002 Vertical Bin Walls *(32 32 26 00-0001)*

Note: Excludes excavation and backfill.

32 32 26 00-0003	SF	5.5' Vertical Bin Retaining Wall, Wall Heights To 11'	77.66
32 32 26 00-0004	SF	7.7' Vertical Bin Retaining Wall, Wall Heights, 8.33' To 16.33'	92.07
32 32 26 00-0005	SF	9.9' Vertical Bin Retaining Wall, Wall Heights, 13.67' To 21.67'	107.27
32 32 26 00-0006	SF	12.1' Vertical Bin Retain Wall, Wall Heights 17.67' To 25.67'	115.92
32 32 26 00-0007	SF	14.3' Vertical Bin Retain Wall, Wall Heights 20.33' To 28.33'	129.47
32 32 26 00-0008	SF	16.5' Vertical Bin Retain Wall, Wall Heights 20.33' To 28.33'	138.12

32 32 26 00-0009 Battered Bin Walls *(32 32 26 00-0001)*

Note: Excludes excavation and backfill.

32 32 26 00-0010	SF	5.5' Battered Bin Retain Wall, Wall Heights To 11'	69.00
32 32 26 00-0011	SF	7.7' Battered Bin Retain Wall, Wall Heights 8.33' To 16.33'	74.77
32 32 26 00-0012	SF	9.9' Battered Bin Retain Wall, Wall Heights 13.67' To 21.67'	84.10
32 32 26 00-0013	SF	12.1' Battered Bin Retain Wall, Wall Heights 17.67' To 25.67'	94.18
32 32 26 00-0014	SF	14.3' Battered Bin Retain Wall, Wall Heights 20.33' To 28.33'	110.25
32 32 26 00-0015	SF	16.5' Battered Bin Retain Wall, Wall Heights 20.33' To 28.33'	113.13

32 32 26 00-0016 Aluminized Steel Bin *(32 32 26)*

Note: Excludes excavation and backfill.

32 32 26 00-0017	SF	4' High, 5.5' Deep Aluminized Steel Bin	46.71	5.30
		For >3:1 Sloped Soil At Top, Add	*3.07*	
		For Galvanized Type, Deduct	*-3.61*	
32 32 26 00-0018	SF	8' High, 5.5' Deep Aluminized Steel Bin	52.29	5.30
		For >3:1 Sloped Soil At Top, Add	*3.54*	
		For Galvanized Type, Deduct	*-4.16*	
32 32 26 00-0019	SF	10' High, 7.7' Deep Aluminized Steel Bin	55.86	5.79
		For >3:1 Sloped Soil At Top, Add	*3.77*	
		For Galvanized Type, Deduct	*-4.43*	
32 32 26 00-0020	SF	12' High, 7.7' Deep Aluminized Steel Bin	63.63	6.53
		For >3:1 Sloped Soil At Top, Add	*4.30*	
		For Galvanized Type, Deduct	*-5.06*	
32 32 26 00-0021	SF	16' High, 7.7' Deep Aluminized Steel Bin	61.27	6.78
		For >3:1 Sloped Soil At Top, Add	*4.07*	
		For Galvanized Type, Deduct	*-4.78*	
32 32 26 00-0022	SF	16' High, 9.9' Deep Aluminized Steel Bin	68.29	6.90
		For >3:1 Sloped Soil At Top, Add	*4.64*	
		For Galvanized Type, Deduct	*-5.46*	
32 32 26 00-0023	SF	20' High, 9.9' Deep Aluminized Steel Bin	75.75	7.27
		For >3:1 Sloped Soil At Top, Add	*5.19*	
		For Galvanized Type, Deduct	*-6.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 32 26 00-0024	SF	20' High, 12.1' Deep Aluminized Steel Bin	77.56	7.64
		For >3:1 Sloped Soil At Top, Add	*5.30*	
		For Galvanized Type, Deduct	*-6.24*	
32 32 26 00-0025	SF	24' High, 12.1' Deep Aluminized Steel Bin	81.60	7.64
		For >3:1 Sloped Soil At Top, Add	*5.64*	
		For Galvanized Type, Deduct	*-6.63*	
32 32 26 00-0026	SF	24' High, 14.3' Deep Aluminized Steel Bin	85.62	7.76
		For >3:1 Sloped Soil At Top, Add	*5.97*	
		For Galvanized Type, Deduct	*-7.02*	
32 32 26 00-0027	SF	28' High, 14.3' Deep Aluminized Steel Bin	88.48	7.88
		For >3:1 Sloped Soil At Top, Add	*6.19*	
		For Galvanized Type, Deduct	*-7.28*	

32 32 29 Timber Retaining Walls *(32 32)*

32 32 29 00-0001 Wood Post Retaining Walls *(32 32 29)*

Note: System includes wood posts installed side-by-side to various heights, and underdrain. Excludes initial site grading, subbase preparation or finish grading.

32 32 29 00-0002	LF	4" x 4", 1' High, Redwood, Wood Post Retaining Walls	87.83	30.53
		For >3:1 Sloped Soil At Top, Add	*2.28*	
32 32 29 00-0003	LF	4" x 4", 2' High, Redwood, Wood Post Retaining Walls	171.89	59.78
		For >3:1 Sloped Soil At Top, Add	*4.45*	
32 32 29 00-0004	LF	4" x 4", 1' High, Cedar, Wood Post Retaining Walls	84.40	30.53
		For >3:1 Sloped Soil At Top, Add	*1.99*	
32 32 29 00-0005	LF	4" x 4", 2' High, Cedar, Wood Post Retaining Walls	165.22	59.78
		For >3:1 Sloped Soil At Top, Add	*3.89*	
32 32 29 00-0006	LF	4" x 4", 1' High, Pressure Treated Lumber, Wood Post Retaining Walls	86.53	26.67
		For >3:1 Sloped Soil At Top, Add	*2.81*	
32 32 29 00-0007	LF	4" x 4", 2' High, Pressure Treated Lumber, Wood Post Retaining Walls	169.41	52.18
		For >3:1 Sloped Soil At Top, Add	*5.52*	
32 32 29 00-0008	LF	4" x 4", 1' High, Creosoted Lumber, Wood Post Retaining Walls	70.06	23.67
		For >3:1 Sloped Soil At Top, Add	*1.93*	
32 32 29 00-0009	LF	4" x 4", 2' High, Creosoted Lumber, Wood Post Retaining Walls	126.67	42.86
		For >3:1 Sloped Soil At Top, Add	*3.48*	
32 32 29 00-0010	LF	6" x 6", 2' High, Redwood, Wood Post Retaining Walls	232.50	72.42
		For >3:1 Sloped Soil At Top, Add	*7.45*	
32 32 29 00-0011	LF	6" x 6", 4' High, Redwood, Wood Post Retaining Walls	459.13	141.95
		For >3:1 Sloped Soil At Top, Add	*14.90*	
32 32 29 00-0012	LF	6" x 6", 2' High, Cedar, Wood Post Retaining Walls	228.68	72.42
		For >3:1 Sloped Soil At Top, Add	*7.13*	
32 32 29 00-0013	LF	6" x 6", 4' High, Cedar, Wood Post Retaining Walls	449.60	141.95
		For >3:1 Sloped Soil At Top, Add	*14.09*	
32 32 29 00-0014	LF	6" x 6", 2' High, Pressure Treated Lumber, Wood Post Retaining Walls	223.14	58.82
		For >3:1 Sloped Soil At Top, Add	*8.96*	
32 32 29 00-0015	LF	6" x 6", 4' High, Pressure Treated Lumber, Wood Post Retaining Walls	443.25	116.13
		For >3:1 Sloped Soil At Top, Add	*17.93*	
32 32 29 00-0016	LF	6" x 6", 2' High, Creosoted Lumber, Wood Post Retaining Walls	159.91	47.03
		For >3:1 Sloped Soil At Top, Add	*5.59*	
32 32 29 00-0017	LF	6" x 6", 4' High, Creosoted Lumber, Wood Post Retaining Walls	314.60	92.03
		For >3:1 Sloped Soil At Top, Add	*11.10*	
32 32 29 00-0018	LF	8" x 8", 4' High, Redwood, Wood Post Retaining Walls	575.06	156.95
		For >3:1 Sloped Soil At Top, Add	*22.19*	
32 32 29 00-0019	LF	8" x 8", 6' High, Redwood, Wood Post Retaining Walls	1,075.73	293.02
		For >3:1 Sloped Soil At Top, Add	*41.63*	
32 32 29 00-0020	LF	8" x 8", 4' High, Cedar, Wood Post Retaining Walls	556.00	156.95
		For >3:1 Sloped Soil At Top, Add	*20.57*	
32 32 29 00-0021	LF	8" x 8", 6' High, Cedar, Wood Post Retaining Walls	1,039.52	293.02
		For >3:1 Sloped Soil At Top, Add	*38.55*	
32 32 29 00-0022	LF	8" x 8", 4' High, Pressure Treated Lumber, Wood Post Retaining Walls	612.29	181.05
		For >3:1 Sloped Soil At Top, Add	*21.26*	
32 32 29 00-0023	LF	8" x 8", 6' High, Pressure Treated Lumber, Wood Post Retaining Walls	1,142.22	338.12
		For >3:1 Sloped Soil At Top, Add	*39.61*	
32 32 29 00-0024	LF	8" x 8", 4' High, Creosoted Lumber, Wood Post Retaining Walls	449.90	146.35
		For >3:1 Sloped Soil At Top, Add	*13.36*	
32 32 29 00-0025	LF	8" x 8", 6' High, Creosoted Lumber, Wood Post Retaining Walls	834.45	271.48
		For >3:1 Sloped Soil At Top, Add	*24.78*	
32 32 29 00-0026	LF	4' High, Cedar, Random Diameter Poles, Wood Post Retaining Walls	168.36	60.32
		For >3:1 Sloped Soil At Top, Add	*4.05*	
32 32 29 00-0027	LF	6' High, Cedar, Random Diameter Poles, Wood Post Retaining Walls	251.60	90.53
		For >3:1 Sloped Soil At Top, Add	*5.99*	
32 32 29 00-0028	LF	8' High, Cedar, Random Diameter Poles, Wood Post Retaining Walls	334.72	120.63
		For >3:1 Sloped Soil At Top, Add	*7.94*	
32 32 29 00-0029	LF	4' High Creosoted Lumber, Random Diameter Poles, Wood Post Retaining Walls	114.89	34.07
		For >3:1 Sloped Soil At Top, Add	*3.97*	
32 32 29 00-0030	LF	6' High Creosoted Lumber, Random Diameter Poles, Wood Post Retaining Walls	166.99	49.18
		For >3:1 Sloped Soil At Top, Add	*5.83*	
32 32 29 00-0031	LF	8' High Creosoted Lumber, Random Diameter Poles, Wood Post Retaining Walls	226.15	66.43
		For >3:1 Sloped Soil At Top, Add	*7.94*	

32 32 29 00-0032 Post And Board Retaining Walls *(32 32 29)*

Note: System includes all the elements that must go into a wall that resists lateral pressure. System elements include posts and boards, cap, underdrain, and deadman where required. Excludes initial site grading, subbase preparation or finish grading.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 32 29 00-0033	LF	4" x 4" Post, 4' Spacing, 3' High, 2" Planking, Redwood, Post And Board Retaining Walls	70.81	18.11
		For >3:1 Sloped Soil At Top, Add	*2.94*	
32 32 29 00-0034	LF	4" x 4" Post, 2' Spacing, 4' High, 2" Planking, Redwood, Post And Board Retaining Walls	108.55	30.96
		For >3:1 Sloped Soil At Top, Add	*3.97*	
32 32 29 00-0035	LF	6" x 6" Post, 4' Spacing, 5' High 2" Planking, Redwood, Post And Board Retaining Walls	142.71	38.46
		For >3:1 Sloped Soil At Top, Add	*5.59*	
32 32 29 00-0036	LF	6" x 6" Post, 3' Spacing, 6' High, 2" Planking, Redwood, Post And Board Retaining Walls	199.48	54.53
		For >3:1 Sloped Soil At Top, Add	*7.69*	
32 32 29 00-0037	LF	6" x 6" With Deadman, 3' Spacing, 8' High, 2" Planking, Redwood, Post And Board Retaining Walls	260.94	70.92
		For >3:1 Sloped Soil At Top, Add	*10.12*	
32 32 29 00-0038	LF	8" x 8" Post, 2' Spacing, 8' High, 2" Planking, Redwood, Post And Board Retaining Walls	536.04	140.35
		For >3:1 Sloped Soil At Top, Add	*21.71*	
32 32 29 00-0039	LF	8" x 8" With Deadman, 2' Spacing, 9' High, 2" Planking, Redwood, Post And Board Retaining Walls	606.22	155.46
		For >3:1 Sloped Soil At Top, Add	*25.11*	
32 32 29 00-0040	LF	4" x 4" Post, 4' Spacing, 3' High, 2" Planking, Cedar, Post And Board Retaining Walls	71.83	18.86
		For >3:1 Sloped Soil At Top, Add	*2.90*	
32 32 29 00-0041	LF	4" x 4" With Deadman, 2' Spacing, 4' High 2" Planking, Cedar, Post And Board Retaining Walls	126.08	33.54
		For >3:1 Sloped Soil At Top, Add	*5.02*	
32 32 29 00-0042	LF	6" x 6" Post, 4' Spacing, 4' High 2" Planking, Cedar, Post And Board Retaining Walls	123.93	32.89
		For >3:1 Sloped Soil At Top, Add	*4.94*	
32 32 29 00-0043	LF	6" x 6" Post, 3' Spacing, 5' High 2" Planking, Cedar, Post And Board Retaining Walls	173.56	47.25
		For >3:1 Sloped Soil At Top, Add	*6.72*	
32 32 29 00-0044	LF	6" x 6" Post, 2' Spacing, 6' High 2" Planking, Cedar, Post And Board Retaining Walls	270.01	75.42
		For >3:1 Sloped Soil At Top, Add	*10.12*	
32 32 29 00-0045	LF	6 x 6 Post With Deadman, 3' Spacing, 6' High, 2" Planking, Cedar	214.03	57.96
		For >3:1 Sloped Soil At Top, Add	*8.34*	
32 32 29 00-0046	LF	8 x 8 Post With Deadman, 2' Spacing, 8' High, 2" Planking, Cedar	554.56	144.85
		For >3:1 Sloped Soil At Top, Add	*22.52*	
32 32 29 00-0047	LF	4 x 4 Post, 4' Spacing, 3' High 2" Planking, Pressure Treated	89.24	34.82
		For >3:1 Sloped Soil At Top, Add	*1.66*	
32 32 29 00-0048	LF	4 x 4 Post, 3' Spacing, 4' High 2" Planking, Pressure Treated	129.21	49.50
		For >3:1 Sloped Soil At Top, Add	*2.57*	
32 32 29 00-0049	LF	4 x 4 Post With Deadman, 2' Space, 5' High, 2" Planking, Pressure Treat	188.20	67.92
		For >3:1 Sloped Soil At Top, Add	*4.45*	
32 32 29 00-0050	LF	6 x 6 Post, 3' Spacing, 6' High, 2" Planking, Pressure Treated	331.28	114.64
		For >3:1 Sloped Soil At Top, Add	*8.67*	
32 32 29 00-0051	LF	6 x 6 Post, 2' Spacing, 7' High, 2" Planking, Pressure Treated	336.04	114.64
		For >3:1 Sloped Soil At Top, Add	*9.07*	
32 32 29 00-0052	LF	6 x 6 Post With Deadman, 3' Spacing 8' High, 2" Planking, Pressure Treat	315.60	110.13
		For >3:1 Sloped Soil At Top, Add	*8.10*	
32 32 29 00-0053	LF	8 x 8 Post With Deadman, 2' Spacing 10' High, 2" Planking, Pressure Treated	742.99	253.37
		For >3:1 Sloped Soil At Top, Add	*20.09*	
32 32 29 00-0054	LF	4 x 4 Post, 4' Spacing, 3' High Creosoted 2" Planking	89.24	34.82
		For >3:1 Sloped Soil At Top, Add	*1.66*	
32 32 29 00-0055	LF	4 x 4 Post, 3' Spacing, 4' High Creosoted, 2" Planking	129.21	49.50
		For >3:1 Sloped Soil At Top, Add	*2.57*	
32 32 29 00-0056	LF	4 x 4 Post With Deadman, 2' Spacing, 5' High, Creosoted, 2" Planking	188.20	67.92
		For >3:1 Sloped Soil At Top, Add	*4.45*	
32 32 29 00-0057	LF	6 x 6 Post, 3' Spacing, 6' High Creosoted, 2" Planking	236.63	84.53
		For >3:1 Sloped Soil At Top, Add	*5.75*	
32 32 29 00-0058	LF	6" x 6" Post, 2' Spacing, 7' High, 2" Planking, Creosoted, Post And Board Retaining Walls	331.28	114.64
		For >3:1 Sloped Soil At Top, Add	*8.67*	
32 32 29 00-0059	LF	6" x 6" Post With Deadman, 3' Spacing, 8' High, 2" Planking, Creosoted, Post And Board Retaining Walls	315.60	110.13
		For >3:1 Sloped Soil At Top, Add	*8.10*	
32 32 29 00-0060	LF	8" x 8" Post With Deadman, 2' Spacing, 10' High, Creosoted, 2" Planking, Post And Board Retaining Walls	742.99	253.37
		For >3:1 Sloped Soil At Top, Add	*20.09*	

32 32 29 00-0061 Wood Tie Retaining Walls, Rod Connector At 4' *(32 32 29)*

Note: The system includes all the elements that must go into a wall that resists lateral pressure. System elements include: wood ties, threaded rod (1/2" diameter), underdrain, and deadman where required. Excludes initial site grading, subbase preparation or finish grading.

32 32 29 00-0062 Redwood *(32 32 29 00-0061)*

32 32 29 00-0063	LF	2' High, 6" x 6" Wood Tie Wall	119.97	37.07
		For >3:1 Sloped Soil At Top, Add	*3.89*	
32 32 29 00-0064	LF	4' High, 6" x 6" Wood Tie Wall Deadman At 6'	273.80	84.53
		For >3:1 Sloped Soil At Top, Add	*8.91*	
32 32 29 00-0065	LF	6' High, 6" x 6" Wood Tie Wall Deadman At 6'	409.81	126.74
		For >3:1 Sloped Soil At Top, Add	*13.28*	
32 32 29 00-0066	LF	4' High, 8" x 8" Wood Tie Wall Deadman At 6'	398.30	108.63
		For >3:1 Sloped Soil At Top, Add	*15.39*	
32 32 29 00-0067	LF	6' High, 8" x 8" Wood Tie Wall Deadman At 6'	598.51	162.96
		For >3:1 Sloped Soil At Top, Add	*23.16*	
32 32 29 00-0068	LF	8' High, 8" x 8" Wood Tie Wall Deadman At 6'	790.58	214.27
		For >3:1 Sloped Soil At Top, Add	*30.78*	

32 32 29 00-0069 Cedar *(32 32 29 00-0061)*

32 32 29 00-0070	LF	2' High, 6" x 6" Wood Tie Wall	118.06	37.07
		For >3:1 Sloped Soil At Top, Add	*3.73*	
32 32 29 00-0071	LF	4' High, 6" x 6" Wood Tie Wall Deadman At 6'	268.08	84.53
		For >3:1 Sloped Soil At Top, Add	*8.42*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 32 29 00-0072	LF	6' High, 6" x 6" Wood Tie Wall Deadman At 6'	402.19	126.74
		For >3:1 Sloped Soil At Top, Add	*12.64*	
32 32 29 00-0073	LF	4' High, 8" x 8" Wood Tie Wall Deadman At 6'	384.96	108.63
		For >3:1 Sloped Soil At Top, Add	*14.26*	
32 32 29 00-0074	LF	6' High, 8" x 8" Wood Tie Wall Deadman At 6'	579.46	162.96
		For >3:1 Sloped Soil At Top, Add	*21.54*	
32 32 29 00-0075	LF	8' High, 8" x 8" Wood Tie Wall Deadman At 6'	763.90	214.27
		For >3:1 Sloped Soil At Top, Add	*28.51*	

32 32 29 00-0076 Creosoted Wood *(32 32 29 00-0061)*

32 32 29 00-0077	LF	2' High, 6" x 8" Wood Tie Wall	130.87	49.18
		For >3:1 Sloped Soil At Top, Add	*2.76*	
32 32 29 00-0078	LF	4' High, 6" x 8" Wood Tie Wall Deadman At 6'	299.72	113.13
		For >3:1 Sloped Soil At Top, Add	*6.24*	
32 32 29 00-0079	LF	6' High, 6" x 8" Wood Tie Wall Deadman At 6'	444.51	167.46
		For >3:1 Sloped Soil At Top, Add	*9.31*	
32 32 29 00-0080	LF	4' High, 7" x 9" Wood Tie Wall Deadman At 6'	602.36	227.77
		For >3:1 Sloped Soil At Top, Add	*12.47*	
32 32 29 00-0081	LF	6' High, 7" x 9" Wood Tie Wall Deadman At 6'	877.03	331.79
		For >3:1 Sloped Soil At Top, Add	*18.14*	
32 32 29 00-0082	LF	8' High, 7" x 9" Wood Tie Wall Deadman At 6'	1,163.80	439.89
		For >3:1 Sloped Soil At Top, Add	*24.14*	

32 32 29 00-0083 Pressure Treated Wood *(32 32 29 00-0061)*

32 32 29 00-0084	LF	2' High, 6" x 6" Wood Tie Wall	104.25	30.64
		For >3:1 Sloped Soil At Top, Add	*3.65*	
32 32 29 00-0085	LF	4' High, 6" x 6" Wood Tie Wall Deadman At 6'	236.96	69.43
		For >3:1 Sloped Soil At Top, Add	*8.34*	
32 32 29 00-0086	LF	6' High, 6" x 6" Wood Tie Wall Deadman At 6'	354.95	104.14
		For >3:1 Sloped Soil At Top, Add	*12.47*	
32 32 29 00-0087	LF	4' High, 8" x 8" Wood Tie Wall Deadman At 6'	384.74	125.24
		For >3:1 Sloped Soil At Top, Add	*11.42*	
32 32 29 00-0088	LF	6' High, 8" x 8" Wood Tie Wall Deadman At 6'	578.15	187.16
		For >3:1 Sloped Soil At Top, Add	*17.33*	
32 32 29 00-0089	LF	8' High, 8" x 8" Wood Tie Wall Deadman At 6'	766.39	248.87
		For >3:1 Sloped Soil At Top, Add	*22.84*	

32 32 53 Stone Retaining Walls *(32 32)*

32 32 53 00-0001 Stone Retaining Walls *(32 32 53)*

Note: Construction is either dry set or mortar set. System includes concrete base, crushed stone, underdrain, and backfill. Standard design to have 12" thick top with vertical backside and sloped face at 2" per foot of height. Excludes initial site grading, subbase preparation or finish grading.

32 32 53 00-0002 Stone Retaining Walls *(32 32 53 00-0001)*

Note: Stone at $16.00/ton.

32 32 53 00-0003	LF	$16.00/ton 3' High Stone Retaining Wall, Dry Set	485.09	216.31
		For >3:1 Sloped Soil At Top, Add	*4.45*	
32 32 53 00-0004	LF	$16.00/ton 4' High Stone Retaining Wall, Dry Set	572.00	257.34
		For >3:1 Sloped Soil At Top, Add	*4.87*	
32 32 53 00-0005	LF	$16.00/ton 6' High Stone Retaining Wall, Dry Set	750.79	341.90
		For >3:1 Sloped Soil At Top, Add	*5.70*	
32 32 53 00-0006	LF	$16.00/ton 8' High Stone Retaining Wall, Dry Set	1,155.72	534.57
		For >3:1 Sloped Soil At Top, Add	*7.35*	
32 32 53 00-0007	LF	$16.00/ton 10' High Stone Retaining Wall, Dry Set	1,500.96	699.28
		For >3:1 Sloped Soil At Top, Add	*8.70*	
32 32 53 00-0008	LF	$16.00/ton 12' High Stone Retaining Wall, Dry Set	1,862.30	870.81
		For >3:1 Sloped Soil At Top, Add	*10.25*	
32 32 53 00-0009	LF	$16.00/ton 3' High Stone Retaining Wall, Mortar Set	435.41	191.51
		For >3:1 Sloped Soil At Top, Add	*4.45*	
32 32 53 00-0010	LF	$16.00/ton 4' High Stone Retaining Wall, Mortar Set	510.50	226.59
		For >3:1 Sloped Soil At Top, Add	*4.87*	
32 32 53 00-0011	LF	$16.00/ton 6' High Stone Retaining Wall, Mortar Set	660.01	296.45
		For >3:1 Sloped Soil At Top, Add	*5.70*	
32 32 53 00-0012	LF	$16.00/ton 8' High Stone Retaining Wall, Mortar Set	1,009.60	461.54
		For >3:1 Sloped Soil At Top, Add	*7.35*	
32 32 53 00-0013	LF	$16.00/ton 10' High Stone Retaining Wall, Mortar Set	1,295.99	596.84
		For >3:1 Sloped Soil At Top, Add	*8.70*	
32 32 53 00-0014	LF	$16.00/ton 12' High Stone Retaining Wall, Mortar Set	1,609.47	744.44
		For >3:1 Sloped Soil At Top, Add	*10.25*	

32 32 53 00-0015 Stone Retaining Walls *(32 32 53 00-0001)*

Note: Stone at $32.00/ton.

32 32 53 00-0016	LF	$32.00/ton 3' High Stone Retaining Wall, Dry Set	500.93	216.31
		For >3:1 Sloped Soil At Top, Add	*5.80*	
32 32 53 00-0017	LF	$32.00/ton 4' High Stone Retaining Wall, Dry Set	593.93	257.34
		For >3:1 Sloped Soil At Top, Add	*6.73*	
32 32 53 00-0018	LF	$32.00/ton 6' High Stone Retaining Wall, Dry Set	782.47	341.90
		For >3:1 Sloped Soil At Top, Add	*8.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 32 53 00-0019	LF	$32.00/ton 8' High Stone Retaining Wall, Dry Set	1,202.02	534.57
		For >3:1 Sloped Soil At Top, Add	*11.29*	
32 32 53 00-0020	LF	$32.00/ton 10' High Stone Retaining Wall, Dry Set	1,564.32	699.28
		For >3:1 Sloped Soil At Top, Add	*14.09*	
32 32 53 00-0021	LF	$32.00/ton 12' High Stone Retaining Wall, Dry Set	1,942.72	870.81
		For >3:1 Sloped Soil At Top, Add	*17.09*	
32 32 53 00-0022	LF	$32.00/ton 3' High Stone Retaining Wall, Mortar Set	451.25	191.51
		For >3:1 Sloped Soil At Top, Add	*5.80*	
32 32 53 00-0023	LF	$32.00/ton 4' High Stone Retaining Wall, Mortar Set	532.43	226.59
		For >3:1 Sloped Soil At Top, Add	*6.73*	
32 32 53 00-0024	LF	$32.00/ton 6' High Stone Retaining Wall, Mortar Set	691.69	296.45
		For >3:1 Sloped Soil At Top, Add	*8.39*	
32 32 53 00-0025	LF	$32.00/ton 8' High Stone Retaining Wall, Mortar Set	1,055.90	461.54
		For >3:1 Sloped Soil At Top, Add	*11.29*	
32 32 53 00-0026	LF	$32.00/ton 10' High Stone Retaining Wall, Mortar Set	1,359.35	596.84
		For >3:1 Sloped Soil At Top, Add	*14.09*	
32 32 53 00-0027	LF	$32.00/ton 12' High Stone Retaining Wall, Mortar Set	1,689.89	744.44
		For >3:1 Sloped Soil At Top, Add	*17.09*	
32 32 53 00-0028		Stone Retaining Walls *(32 32 53 00-0001)*		
		Note: Stone at $48.00/ton.		
32 32 53 00-0029	LF	$48.00/ton 3' High Stone Retaining Wall, Dry Set	517.99	216.31
		For >3:1 Sloped Soil At Top, Add	*7.25*	
32 32 53 00-0030	LF	$48.00/ton 4' High Stone Retaining Wall, Dry Set	615.62	257.34
		For >3:1 Sloped Soil At Top, Add	*8.58*	
32 32 53 00-0031	LF	$48.00/ton 6' High Stone Retaining Wall, Dry Set	812.93	341.90
		For >3:1 Sloped Soil At Top, Add	*10.98*	
32 32 53 00-0032	LF	$48.00/ton 8' High Stone Retaining Wall, Dry Set	1,248.32	534.57
		For >3:1 Sloped Soil At Top, Add	*15.22*	
32 32 53 00-0033	LF	$48.00/ton 10' High Stone Retaining Wall, Dry Set	1,627.68	699.28
		For >3:1 Sloped Soil At Top, Add	*19.47*	
32 32 53 00-0034	LF	$48.00/ton 12' High Stone Retaining Wall, Dry Set	2,024.35	870.81
		For >3:1 Sloped Soil At Top, Add	*24.03*	
32 32 53 00-0035	LF	$48.00/ton 3' High Stone Retaining Wall, Mortar Set	468.31	191.51
		For >3:1 Sloped Soil At Top, Add	*7.25*	
32 32 53 00-0036	LF	$48.00/ton 4' High Stone Retaining Wall, Mortar Set	554.36	226.59
		For >3:1 Sloped Soil At Top, Add	*8.60*	
32 32 53 00-0037	LF	$48.00/ton 6' High Stone Retaining Wall, Mortar Set	722.15	296.45
		For >3:1 Sloped Soil At Top, Add	*10.98*	
32 32 53 00-0038	LF	$48.00/ton 8' High Stone Retaining Wall, Mortar Set	1,102.20	461.54
		For >3:1 Sloped Soil At Top, Add	*15.22*	
32 32 53 00-0039	LF	$48.00/ton 10' High Stone Retaining Wall, Mortar Set	1,422.71	596.84
		For >3:1 Sloped Soil At Top, Add	*19.47*	
32 32 53 00-0040	LF	$48.00/ton 12' High Stone Retaining Wall, Mortar Set	1,771.52	744.44
		For >3:1 Sloped Soil At Top, Add	*24.03*	
32 32 53 00-0041		Stone Retaining Walls *(32 32 53 00-0001)*		
		Note: Stone at $64.00/ton.		
32 32 53 00-0042	LF	$64.00/ton 3' High Stone Retaining Wall, Dry Set	535.05	216.31
		For >3:1 Sloped Soil At Top, Add	*8.70*	
32 32 53 00-0043	LF	$64.00/ton 4' High Stone Retaining Wall, Dry Set	613.43	257.34
		For >3:1 Sloped Soil At Top, Add	*8.39*	
32 32 53 00-0044	LF	$64.00/ton 6' High Stone Retaining Wall, Dry Set	845.82	341.90
		For >3:1 Sloped Soil At Top, Add	*13.77*	
32 32 53 00-0045	LF	$64.00/ton 8' High Stone Retaining Wall, Dry Set	1,297.06	534.57
		For >3:1 Sloped Soil At Top, Add	*19.37*	
32 32 53 00-0046	LF	$64.00/ton 10' High Stone Retaining Wall, Dry Set	1,693.48	699.28
		For >3:1 Sloped Soil At Top, Add	*25.06*	
32 32 53 00-0047	LF	$64.00/ton 12' High Stone Retaining Wall, Dry Set	2,107.21	870.81
		For >3:1 Sloped Soil At Top, Add	*31.07*	
32 32 53 00-0048	LF	$64.00/ton 3' High Stone Retaining Wall, Mortar Set	485.37	191.51
		For >3:1 Sloped Soil At Top, Add	*8.70*	
32 32 53 00-0049	LF	$64.00/ton 4' High Stone Retaining Wall, Mortar Set	576.29	226.59
		For >3:1 Sloped Soil At Top, Add	*10.46*	
32 32 53 00-0050	LF	$64.00/ton 6' High Stone Retaining Wall, Mortar Set	755.04	296.45
		For >3:1 Sloped Soil At Top, Add	*13.77*	
32 32 53 00-0051	LF	$64.00/ton 8' High Stone Retaining Wall, Mortar Set	1,150.94	461.54
		For >3:1 Sloped Soil At Top, Add	*19.37*	
32 32 53 00-0052	LF	$64.00/ton 10' High Stone Retaining Wall, Mortar Set	1,488.51	596.84
		For >3:1 Sloped Soil At Top, Add	*25.06*	
32 32 53 00-0053	LF	$64.00/ton 12' High Stone Retaining Wall, Mortar Set	1,854.38	744.44
		For >3:1 Sloped Soil At Top, Add	*31.07*	

32 33 Site Furnishings *(32 30)*

32 33 23 Site Trash and Litter Receptacles *(32 33)*

32 33 23 00-0001 Steel Trash Containment *(32 33 23)*

32 33 23 00-0002 Steel Frame Surrounded With Kiln-Dried Wood *(32 33 23 00-0001)*

32 33 23 00-0003	EA	13" x 13" x 30" Ash Receptacle Steel Frame, Kiln Dried Wood	574.92	61.81

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 23 00-0004	EA	24" x 24" x 30" High Open Top Trash Container Steel Frame, Kiln Dried Wood	549.18	61.81
32 33 23 00-0005	EA	21" x 21" x 31" High Flat Top Trash Container Steel Frame, Kiln Dried Wood	549.18	61.81
32 33 23 00-0006	EA	24" x 24" x 31" High, Flat Top Trash Container Steel Frame, Kiln Dried Wood	520.22	61.81
32 33 23 00-0007	EA	18" x 18" x 37" High Dome Top Trash Container Steel Frame, Kiln Dried Wood	574.92	61.81
32 33 23 00-0008	EA	23" x 23" x 37" High Dome Top Trash Container Steel Frame, Kiln Dried Wood	520.22	61.81
32 33 23 00-0009	EA	24" x 24" x 37" High Dome Top Trash Container Steel Frame, Kiln Dried Wood	710.05	61.81
32 33 23 00-0010		**Square Steel Frames Surrounded With Flat Steel** *(32 33 23 00-0001)*		
32 33 23 00-0011	EA	26" Diameter x 34" High Open Top Trash Square Container Steel Frame, Flat Steel Surround	1,033.84	61.81
32 33 23 00-0012	EA	26" Diameter x 34" High Dome Top Trash Square Container Steel Frame, Flat Steel Surround	1,115.60	61.81
32 33 23 00-0013	EA	26" Diameter x 39" High Dome Top Trash Square Container Steel Frame, Flat Steel Surround	1,115.60	61.81
32 33 23 00-0014		**Round Steel Pipe And Flat Steel Frames** *(32 33 23 00-0001)*		
		Note: Surrounded with kiln-dried wood.		
32 33 23 00-0015	EA	21" Diameter x 32" High Open Top Trash Container Steel Pipe, Flat Steel Frame, Kiln Dried Wood	1,524.43	61.81
32 33 23 00-0016	EA	21" Diameter x 32" High Flat Top Trash Steel Container Pipe, Flat Steel Frame, Kiln Dried Wood	1,641.24	61.81
32 33 23 00-0017	EA	21" Diameter x 39" High Dome Top Trash Steel Container Pipe, Flat Steel Frame, Kiln Dried Wood	1,889.46	61.81
32 33 23 00-0018	EA	21" Diameter x 40" High HPR Top Trash Container Steel Pipe, Flat Steel Frame, Kiln Dried Wood	1,714.24	61.81
32 33 23 00-0019		**Round Steel Pipe Surrounded With Perforated** *(32 33 23 00-0001)*		
32 33 23 00-0020	EA	21" Diameter x 32" High Open Top Trash Container Perforated Round Steel Pipe	1,363.82	61.81
32 33 23 00-0021	EA	21" Diameter x 32" High Flat Top Trash Container Perforated Round Steel Pipe	1,480.63	61.81
32 33 23 00-0022	EA	21" Diameter x 39" High Dome Top Trash Container Perforated Round Steel Pipe	1,728.84	61.81
32 33 23 00-0023	EA	21" Diameter x 40" High HPR Top Trash Container Perforated Round Steel Pipe	1,568.23	61.81
32 33 23 00-0024		**Round Steel Pipe Frames Surrounded With Welded Wire** *(32 33 23 00-0001)*		
32 33 23 00-0025	EA	21" Diameter x 32" High Flat Top Trash Container Steel Pipe Frame, Welded Wire Surround	1,086.40	61.81
32 33 23 00-0026	EA	21" Diameter x 32" High Open Top Trash Steel Container Pipe Frame, Welded Wire Surround	1,203.21	61.81
32 33 23 00-0027	EA	21" Diameter x 39" High Dome Top Trash Steel Container Pipe Frame, Welded Wire Surround	1,451.43	61.81
32 33 23 00-0028	EA	21" Diameter x 40" High HPR Top Trash Container Steel Pipe Frame, Welded Wire Surround	1,290.82	61.81
32 33 23 00-0029		**Litter Baskets** *(32 33 23)*		
32 33 23 00-0030		**Round Wire Litter Baskets** *(32 33 23 00-0029)*		
32 33 23 00-0031	EA	1.33' Diameter x 1.83' High Round Wire Litter Basket	190.74	6.28
32 33 23 00-0032	EA	1.5' Diameter x 1.83' High Round Wire Litter Basket	240.70	6.28
32 33 23 00-0033	EA	1.75' Diameter x 2.33' High Round Wire Litter Basket	325.49	6.28
32 33 23 00-0034	EA	1.83' Diameter x 2.83' High Round Wire Litter Basket	373.33	6.28
32 33 23 00-0035		**Trash Can/Wire Basket Holder** *(32 33 23 00-0029)*		
32 33 23 00-0036	EA	Steel Post, Single Holder	275.87	50.47
32 33 23 00-0037	EA	Steel Post, Double Holder	371.49	50.47
32 33 23 00-0038	EA	Redwood Post, Single Holder	154.81	50.47
32 33 23 00-0039	EA	Redwood Post, Double Holder	178.63	50.47
32 33 23 00-0040		**Litter Receptacles, Freestanding** *(32 33 23 00-0029)*		
		Note: Includes 1-1/2" outside diameter steel leg supports. Wall mounted, includes 3/8" x 3" steel wall plates. Surface mounted, includes 2-1/2" outside diameter steel tube with floor flange, embedded to include 2-1/2" outside diameter steel tube.		
32 33 23 00-0041	EA	16" Diameter x 28" High Litter Receptacle, Freestanding Or Embedded	1,531.54	25.75
		For Powder Coated Sand Pan, Add	*50.00*	
		For Orange Peel Lid, Add	*25.00*	
		For Polished Granite Lid, Add	*50.00*	
32 33 23 00-0042	EA	16" Diameter x 32" High Litter Receptacle, Freestanding Or Embedded	1,611.98	25.75
		For Powder Coated Sand Pan, Add	*50.00*	
		For Orange Peel Lid, Add	*25.00*	
		For Polished Granite Lid, Add	*50.00*	
32 33 23 00-0043	EA	20" Diameter x 36" High Litter Receptacle, Freestanding Or Embedded	1,879.04	38.62
		For Powder Coated Sand Pan, Add	*50.00*	
		For Orange Peel Lid, Add	*25.00*	
		For Polished Granite Lid, Add	*50.00*	
32 33 23 00-0044	EA	20" Diameter x 40" High Litter Receptacle, Freestanding Embedded	1,959.48	38.62
		For Powder Coated Sand Pan, Add	*50.00*	
		For Orange Peel Lid, Add	*25.00*	
		For Polished Granite Lid, Add	*50.00*	
32 33 23 00-0045	EA	16" Diameter x 28" High Litter Receptacle, Pole Mount With Pole	2,039.92	38.62
		For Powder Coated Sand Pan, Add	*50.00*	
		For 1-1/2" x 8-1/2" Diameter Metal Cover Plate, Add	*22.50*	
		For Orange Peel Lid, Add	*25.00*	
		For Polished Granite Lid, Add	*50.00*	
32 33 23 00-0046	EA	16" Diameter x 32" High Litter Receptacle, Pole Mount With Pole	2,120.36	38.62
		For Powder Coated Sand Pan, Add	*50.00*	
		For 1-1/2" x 8-1/2" Diameter Metal Cover Plate, Add	*22.50*	
		For Orange Peel Lid, Add	*25.00*	
		For Polished Granite Lid, Add	*50.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 23 00-0047	EA	16" Diameter x 28" High Litter Receptacle, Wall Mount	1,691.78	33.47
		For Powder Coated Sand Pan, Add	*50.00*	
		For Orange Peel Lid, Add	*25.00*	
		For Polished Granite Lid, Add	*50.00*	
		For 1-1/2" x 6" Diameter Metal Cover Plate , Add	*20.00*	
32 33 23 00-0048	EA	16" Diameter x 32" High Litter Receptacle, Wall Mount	1,772.22	33.47
		For Powder Coated Sand Pan, Add	*50.00*	
		For Orange Peel Lid, Add	*25.00*	
		For Polished Granite Lid, Add	*50.00*	
		For 1-1/2" x 6" Diameter Metal Cover Plate , Add	*20.00*	
32 33 23 00-0049		**Ash Receptacles** *(32 33 23)*		
32 33 23 00-0050	EA	12" Diameter x 21" High Ash Receptacle, Freestanding Or Embedded	678.91	25.75
		For 1-1/2" x 8-1/2" Diameter Metal Cover Plate, Add	*22.50*	
		For Sand Pan, Add	*110.00*	
		For Bowl And Funnel, Add	*120.00*	
32 33 23 00-0051	EA	18" Square Concrete Exposed Aggregate x 36" High Ash Receptacles With 3-1/2" ID iron Pipe With Cap Square Concrete With Steel Liner	289.96	25.75
32 33 23 00-0052		**Trash Receptacles** *(32 33 23)*		
32 33 23 00-0053	EA	Outdoor Covered Steel Receptacle With Liner	1,258.06	25.75
32 33 23 00-0054	EA	Driftwood And Sable Receptacle, 35 Gallon With Liner And Frame	474.63	25.75
32 33 23 00-0055	EA	24" x 24" Square Trash Containment With Exposed Aggregate Finish	732.31	25.75
32 33 23 00-0056	EA	30" x 30" Square Trash Containment With Exposed Aggregate Finish	764.16	28.32
32 33 23 00-0057	EA	36" x 36" Square Trash Containment With Exposed Aggregate Finish	822.70	30.90
32 33 23 00-0058	EA	32 Gallon, Open Round Trash Receptacle, Recycled Plastic Lumber	551.22	20.60
32 33 23 00-0059	EA	32 Gallon, Round Trash Receptacle With Liner And Lid, Recycled Plastic Lumber	657.48	20.60
32 33 23 00-0060	EA	24" x 24" Square 18" High Trash Receptacle, Fiberglass	1,162.40	25.75
32 33 23 00-0061		**Trash Containers (Dumpsters)** *(32 33 23)*		
32 33 23 00-0062	EA	1 CY Straight Side Trash Dumpster	311.21	
32 33 23 00-0063	EA	1.5 CY Straight Side Trash Dumpster	466.82	
32 33 23 00-0064	EA	2 CY Straight Side Trash Dumpster	622.43	
32 33 23 00-0065	EA	2 CY Sloped Side Trash Dumpster	622.43	
32 33 23 00-0066	EA	3 CY Sloped Side Trash Dumpster	933.64	
32 33 23 00-0067	EA	4 CY Sloped Side Trash Dumpster	1,244.85	
32 33 23 00-0068	EA	6 CY Sloped Side Trash Dumpster	1,867.28	
32 33 23 00-0069	EA	8 CY Sloped Side Trash Dumpster	2,489.71	
32 33 33		**Site Manufactured Planters** *(32 33)*		
32 33 33 00-0001		**Precast Concrete Planters** *(32 33 33)*		
32 33 33 00-0002		**Circular Precast Concrete Planters** *(32 33 33 00-0001)*		
32 33 33 00-0003	EA	24" Diameter, 17" Height, Circular Precast Concrete Planter	637.18	29.96
32 33 33 00-0004	EA	24" Diameter, 24" Height, Circular Precast Concrete Planter	714.81	35.95
32 33 33 00-0005	EA	24" Diameter, 33" Height, Circular Precast Concrete Planter	780.46	35.95
32 33 33 00-0006	EA	30" Diameter, 17" Height, Circular Precast Concrete Planter	848.43	41.94
32 33 33 00-0007	EA	30" Diameter, 30" Height, Circular Precast Concrete Planter	1,028.77	53.92
32 33 33 00-0008	EA	36" Diameter, 24" Height, Circular Precast Concrete Planter	1,117.58	53.92
32 33 33 00-0009	EA	36" Diameter, 30" Height, Circular Precast Concrete Planter	1,258.93	59.91
32 33 33 00-0010	EA	48" Diameter, 17" Height, Circular Precast Concrete Planter	1,328.43	59.91
32 33 33 00-0011	EA	48" Diameter, 24" Height, Circular Precast Concrete Planter	1,483.87	74.89
32 33 33 00-0012	EA	48" Diameter, 30" Height, Circular Precast Concrete Planter	1,578.41	79.69
32 33 33 00-0013	EA	48" Diameter, 36" Height, Circular Precast Concrete Planter	1,644.71	83.88
32 33 33 00-0014	EA	60" Diameter, 17" Height, Circular Precast Concrete Planter	1,492.86	74.89
32 33 33 00-0015	EA	60" Diameter, 24" Height, Circular Precast Concrete Planter	1,642.78	83.88
32 33 33 00-0016	EA	60" Diameter, 36" Height, Circular Precast Concrete Planter	2,096.90	89.87
32 33 33 00-0017	EA	72" Diameter, 36" Height, Circular Precast Concrete Planter	2,720.17	113.83
32 33 33 00-0018	EA	84" Diameter, 36" Height, Circular Precast Concrete Planter	3,154.96	119.83
32 33 33 00-0019		**Square Precast Concrete Planters** *(32 33 33 00-0001)*		
32 33 33 00-0020	EA	36" Square, 30" Height, Square Precast Concrete Planter	1,292.36	77.88
32 33 33 00-0021	EA	42" Square, 30" Height, Square Precast Concrete Planter	1,477.25	83.88
32 33 33 00-0022	EA	60" Square, 36" Height, Square Precast Concrete Planter	2,317.40	95.86
32 33 33 00-0023	EA	72" Square, 36" Height, Square Precast Concrete Planter	2,472.24	101.86
32 33 33 00-0024		**Rectangular Precast Concrete Planters** *(32 33 33 00-0001)*		
32 33 33 00-0025	EA	33" x 18", 20" Height, Rectangular Precast Concrete Planter	743.77	35.95
32 33 33 00-0026	EA	48" x 18", 20" Height, Rectangular Precast Concrete Planter	878.18	53.92
32 33 33 00-0027	EA	60" x 18", 20" Height, Rectangular Precast Concrete Planter	1,017.59	59.91
32 33 33 00-0028	EA	72" x 18", 20" Height, Rectangular Precast Concrete Planter	1,161.45	74.89
32 33 33 00-0029		**Fiberglass Planters** *(32 33 33)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 33 00-0030		**Circular Fiberglass Planters** *(32 33 33 00-0029)*		
32 33 33 00-0031	EA	36" Diameter, 27" High, Circular Fiberglass Planter	2,085.23	29.96
32 33 33 00-0032	EA	60" Diameter, 39" High, Circular Fiberglass Planter	3,481.04	29.96
32 33 33 00-0033	EA	36" Diameter, 24" High, Circular Fiberglass Planter	1,384.83	29.96
32 33 33 00-0034	EA	60" Diameter, 24" High, Circular Fiberglass Planter	2,745.22	29.96
32 33 33 00-0035		**Tapered Circular Fiberglass Planters** *(32 33 33 00-0029)*		
32 33 33 00-0036	EA	24" Diameter, 20" High, Tapered Circular Fiberglass Planter	801.42	29.96
32 33 33 00-0037	EA	30" Diameter, 25" High, Tapered Circular Fiberglass Planter	1,182.52	29.96
32 33 33 00-0038	EA	36" Diameter, 30" High, Tapered Circular Fiberglass Planter	2,120.65	29.96
32 33 33 00-0039	EA	40" Diameter, 36" High, Tapered Circular Fiberglass Planter	2,967.75	29.96
32 33 33 00-0040		**Square Fiberglass Planters** *(32 33 33 00-0029)*		
32 33 33 00-0041	EA	24" Square, 21" High, Square Fiberglass Planter	1,057.50	29.96
32 33 33 00-0042	EA	24" Square, 24" High, Square Fiberglass Planter	1,081.38	29.96
32 33 33 00-0043	EA	30" Square, 12" High, Square Fiberglass Planter	1,094.01	29.96
32 33 33 00-0044	EA	30" Square, 21" High, Square Fiberglass Planter	1,243.22	29.96
32 33 33 00-0045	EA	30" Square, 24" High, Square Fiberglass Planter	1,351.93	29.96
32 33 33 00-0046		**Rectangular Fiberglass Planters** *(32 33 33 00-0029)*		
32 33 33 00-0047	EA	48" x 12", 12" High, Rectangular Fiberglass Planter	1,219.59	29.96
32 33 33 00-0048	EA	48" x 12", 21" High, Rectangular Fiberglass Planter	1,308.74	29.96
32 33 33 00-0049	EA	48" x 24", 12" High, Rectangular Fiberglass Planter	1,710.21	29.96
32 33 33 00-0050	EA	48" x 24", 21" High, Rectangular Fiberglass Planter	1,888.51	29.96
32 33 33 00-0051		**Timber Planters** *(32 33 33)*		
32 33 33 00-0052		**Square Timber Planters** *(32 33 33 00-0051)*		
32 33 33 00-0053	EA	14" Square, 30" High, Square Timber Planter	574.57	61.81
32 33 33 00-0054	EA	21" Square, 30" High, Square Timber Planter	574.57	61.81
32 33 33 00-0055	EA	27" Square, 30" High, Square Timber Planter	1,075.27	61.81
32 33 33 00-0056	EA	34" Square, 30" High, Square Timber Planter	934.23	61.81
32 33 33 00-0057	EA	41" Square, 36" High, Square Timber Planter	1,110.53	61.81
32 33 33 00-0058	EA	54" Square, 36" High, Square Timber Planter	2,831.24	61.81
32 33 33 00-0059	EA	81" Square, 36" High, Square Timber Planter	4,248.70	61.81
32 33 33 00-0060		**Rectangular Timber Planters** *(32 33 33 00-0051)*		
32 33 33 00-0061	EA	21" x 14", 30" High, Rectangular Timber Planter	567.52	61.81
32 33 33 00-0062	EA	27" x 14", 30" High, Rectangular Timber Planter	630.99	61.81
32 33 33 00-0063	EA	27" x 21", 30" High, Rectangular Timber Planter	821.39	61.81
32 33 33 00-0064	EA	34" x 21", 30" High, Rectangular Timber Planter	906.02	61.81
32 33 33 00-0065	EA	41" x 21", 30" High, Rectangular Timber Planter	1,159.89	61.81
32 33 33 00-0066	EA	34" x 27", 30" High, Rectangular Timber Planter	1,343.25	61.81
32 33 33 00-0067	EA	41" x 27", 30" High, Rectangular Timber Planter	1,498.39	61.81
32 33 33 00-0068	EA	54" x 27", 30" High, Rectangular Timber Planter	1,942.67	61.81
32 33 33 00-0069	EA	54" x 34", 30" High, Rectangular Timber Planter	2,189.50	61.81
32 33 33 00-0070	EA	68" x 34", 36" High, Rectangular Timber Planter	2,492.74	61.81
32 33 33 00-0071	EA	54" x 41", 36" High, Rectangular Timber Planter	2,372.85	61.81
32 33 33 00-0072	EA	68" x 41", 36" High, Rectangular Timber Planter	2,683.14	61.81
32 33 33 00-0073	EA	81" x 41", 36" High, Rectangular Timber Planter	3,000.49	61.81
32 33 43		**Site Seating and Tables** *(32 33)*		
32 33 43 13		**Site Seating** *(32 33 43)*		
32 33 43 13-0001		Benches (Landscapeforms) *(32 33 43 13)*		
		Note: Excludes embedding in concrete See CSI section 32 31 13 13-0001 for drilling and concrete.		
32 33 43 13-0002	EA	72" Backless Wood Or PolySite Bench (Landscapeforms Balustrade)	1,664.05	103.00
32 33 43 13-0003	EA	72" Backed Wood Or PolySite Bench (Landscapeforms Balustrade)	2,072.30	103.00
32 33 43 13-0004	EA	96" Backed Wood Bench (Landscapeforms Balustrade)	2,334.75	103.00
32 33 43 13-0005	EA	End Loop Arms For Backed Bench (Landscapeforms Balustrade)	197.31	25.75
32 33 43 13-0006	EA	72" Backless Wood Or PolySite Bench (Landscapeforms Gretchen's)	1,816.19	103.00
32 33 43 13-0007	EA	96" Backless Wood Bench (Landscapeforms Gretchen's)	2,050.75	103.00
32 33 43 13-0008	EA	72" Backed Wood Or PolySite Bench (Landscapeforms Gretchen's)	2,234.59	103.00
32 33 43 13-0009	EA	96" Backed Wood Bench (Landscapeforms Gretchen's)	2,519.85	103.00
32 33 43 13-0010	EA	72" Backed Wood Or PolySite Bench With Armrest (Landscapeforms Gretchen's)	2,551.55	103.00
32 33 43 13-0011	EA	96" Backed Wood Bench With Armrest (Landscapeforms Gretchen's)	2,836.82	103.00
32 33 43 13-0012	EA	59" Backed Wood Or Metal Rod Bench (Landscapeforms Hyde Park)	3,302.88	103.00
32 33 43 13-0013	EA	75" Backed Wood Or Metal Rod Bench (Landscapeforms Hyde Park)	3,587.14	103.00
32 33 43 13-0014	EA	42" Backless Metal Grid Bench (Landscapeforms Manistee)	947.43	77.26
32 33 43 13-0015	EA	62" Backless Metal Grid Bench (Landscapeforms Manistee)	1,022.23	77.26
32 33 43 13-0016	EA	72" Backless Metal Grid Bench (Landscapeforms Manistee)	1,107.83	90.14
32 33 43 13-0017	EA	82" Backless Metal Grid Bench (Landscapeforms Manistee)	1,287.36	90.14
32 33 43 13-0018	EA	42" Backed Metal Grid Bench (Landscapeforms Manistee)	1,182.63	90.14

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 43 13-0019	EA	62" Backed Metal Grid Bench (Landscapeforms Manistee)	1,257.43	90.14
32 33 43 13-0020	EA	72" Backed Metal Grid Bench (Landscapeforms Manistee)	1,357.99	103.00
32 33 43 13-0021	EA	82" Backed Metal Grid Bench (Landscapeforms Manistee)	1,552.48	103.00
32 33 43 13-0022	EA	42" Backed Metal Grid Bench With Armrest Each End (Landscapeforms Manistee)	1,317.28	90.14
32 33 43 13-0023	EA	62" Backed Metal Grid Bench With Armrest Each End (Landscapeforms Manistee)	1,417.83	103.00
32 33 43 13-0024	EA	72" Backed Metal Grid Bench With Armrest Each End (Landscapeforms Manistee)	1,492.63	103.00
32 33 43 13-0025	EA	82" Backed Metal Grid Bench With Armrest Each End (Landscapeforms Manistee)	1,687.12	103.00
32 33 43 13-0026	EA	72" Backless Solid Wood Bench (Landscapeforms Palisade)	2,665.66	103.00
32 33 43 13-0027	EA	96" Backless Solid Wood Bench (Landscapeforms Palisade)	3,058.69	103.00
32 33 43 13-0028	EA	70" Backless Perforated Metal Bench (Landscapeforms Petoskey)	1,722.37	103.00
32 33 43 13-0029	EA	70" Dual Support Backed Perforated Metal Bench (Landscapeforms Petoskey)	2,072.30	103.00
32 33 43 13-0030	EA	70" Quad Support Backed Perforated Metal Bench (Landscapeforms Petoskey)	2,247.26	103.00
32 33 43 13-0031	EA	72" Backed Wood Bench (Landscapeforms Plainwell)	2,190.21	103.00
32 33 43 13-0032	EA	72" Backed Wood Bench With Center Arm (Landscapeforms Plainwell)	2,424.77	103.00
32 33 43 13-0033	EA	96" Backed Wood Bench (Landscapeforms Plainwell)	2,678.34	103.00
32 33 43 13-0034	EA	96" Backed Wood Bench With Center Arm (Landscapeforms Plainwell)	2,912.89	103.00
32 33 43 13-0035	EA	96" Backed Wood Bench With Two Center Arms (Landscapeforms Plainwell)	3,153.78	103.00
32 33 43 13-0036	EA	72" Backed Aluminum Bench (Landscapeforms Plainwell)	2,779.77	103.00
32 33 43 13-0037	EA	72" Backed Aluminum Bench With Center Arm (Landscapeforms Plainwell)	3,014.32	103.00
32 33 43 13-0038	EA	96" Backed Aluminum Bench (Landscapeforms Plainwell)	3,401.02	103.00
32 33 43 13-0039	EA	96" Backed Aluminum Bench With Center Arm (Landscapeforms Plainwell)	3,648.25	103.00
32 33 43 13-0040	EA	96" Backed Aluminum Bench With Two Center Arms (Landscapeforms Plainwell)	3,876.46	103.00
32 33 43 13-0041	EA	Backless Metal Grid Seats For Straight Runs (Landscapeforms Plexus)	634.73	25.75
32 33 43 13-0042	EA	Backless Metal Grid Seats For 60 Degree Radius (Landscapeforms Plexus)	850.26	25.75
32 33 43 13-0043	EA	Backless Metal Grid Seats For 120 Degree Radius (Landscapeforms Plexus)	850.26	25.75
32 33 43 13-0044	EA	Backed Metal Grid Seats For Straight Runs (Landscapeforms Plexus)	774.19	25.75
32 33 43 13-0045	EA	Narrow-Backed Metal Grid Seats For 60 Degree Radius (Landscapeforms Plexus)	958.03	25.75
32 33 43 13-0046	EA	Narrow-Backed Metal Grid Seats For 120 Degree Radius (Landscapeforms Plexus)	958.03	25.75
32 33 43 13-0047	EA	Wide-Backed Metal Grid Seats For 120 Degree Radius (Landscapeforms Plexus)	958.03	25.75
32 33 43 13-0048	EA	Armrest For Metal Grid Seats (Landscapeforms Plexus)	197.31	25.75
32 33 43 13-0049	EA	Backless Straight Metal Grid Seats (Landscapeforms Presidio)	888.30	25.75
32 33 43 13-0050	EA	Backless Straight Metal Grid Seats With One Arm (Landscapeforms Presidio)	983.39	25.75
32 33 43 13-0051	EA	Backless Straight Metal Grid Seats With Two Arms (Landscapeforms Presidio)	1,078.48	25.75
32 33 43 13-0052	EA	Backless Angled Metal Grid Seats (Landscapeforms Presidio)	1,072.14	25.75
32 33 43 13-0053	EA	Backless Angled Metal Grid Seats With One Arm (Landscapeforms Presidio)	1,167.23	25.75
32 33 43 13-0054	EA	Backless Angled Metal Grid Seats With Two Arms (Landscapeforms Presidio)	1,262.32	25.75
32 33 43 13-0055	EA	Backed Straight Metal Grid Seats (Landscapeforms Presidio)	1,059.46	25.75
32 33 43 13-0056	EA	Backed Straight Metal Grid Seats With One Arm (Landscapeforms Presidio)	1,154.55	25.75
32 33 43 13-0057	EA	Backed Straight Metal Grid Seats With Two Arms (Landscapeforms Presidio)	1,249.64	25.75
32 33 43 13-0058	EA	Narrow-Backed Angled Metal Grid Seats (Landscapeforms Presidio)	1,294.01	25.75
32 33 43 13-0059	EA	Narrow-Backed Angled Metal Grid Seats With One Arm (Landscapeforms Presidio)	1,389.10	25.75
32 33 43 13-0060	EA	Narrow-Backed Angled Metal Grid Seats With Two Arms (Landscapeforms Presidio)	1,484.19	25.75
32 33 43 13-0061	EA	Wide-Backed Angled Metal Grid Seats (Landscapeforms Presidio)	1,294.01	25.75
32 33 43 13-0062	EA	Wide-Backed Angled Metal Grid Seats With One Arm (Landscapeforms Presidio)	1,389.10	25.75
32 33 43 13-0063	EA	Wide-Backed Angled Metal Grid Seats With Two Arms (Landscapeforms Presidio)	1,484.19	25.75
32 33 43 13-0064	EA	48" Backless Horizontal Strap Bench (Landscapeforms Scarborough)	1,790.83	103.00
32 33 43 13-0065	EA	72" Backless Horizontal Strap Bench (Landscapeforms Scarborough)	1,816.19	103.00
32 33 43 13-0066	EA	96" Backless Horizontal Strap Bench (Landscapeforms Scarborough)	2,202.89	103.00
32 33 43 13-0067	EA	48" Backless Woven Bench (Landscapeforms Scarborough)	2,665.66	103.00
32 33 43 13-0068	EA	72" Backless Woven Bench (Landscapeforms Scarborough)	3,141.11	103.00
32 33 43 13-0069	EA	96" Backless Woven Bench (Landscapeforms Scarborough)	3,591.20	103.00
32 33 43 13-0070	EA	24" Backed Horizontal Strap Bench (Landscapeforms Scarborough)	1,448.51	103.00
32 33 43 13-0071	EA	48" Backed Horizontal Strap Bench (Landscapeforms Scarborough)	1,917.62	103.00
32 33 43 13-0072	EA	72" Backed Horizontal Strap Bench (Landscapeforms Scarborough)	1,962.00	103.00
32 33 43 13-0073	EA	72" Backed Horizontal Strap Bench With Center Arm (Landscapeforms Scarborough)	2,253.60	103.00
32 33 43 13-0074	EA	96" Backed Horizontal Strap Bench (Landscapeforms Scarborough)	2,538.87	103.00
32 33 43 13-0075	EA	96" Backed Horizontal Strap Bench With Center Arm (Landscapeforms Scarborough)	2,836.82	103.00
32 33 43 13-0076	EA	96" Backed Horizontal Strap Bench With Two Intermediate Arms (Landscapeforms Scarborough)	3,128.43	103.00
32 33 43 13-0077	EA	24" Backed Woven Bench (Landscapeforms Scarborough)	2,538.87	103.00
32 33 43 13-0078	EA	48" Backed Woven Bench (Landscapeforms Scarborough)	3,065.03	103.00
32 33 43 13-0079	EA	72" Backed Woven Bench (Landscapeforms Scarborough)	3,578.52	103.00
32 33 43 13-0080	EA	72" Backed Woven Bench With Center Arm (Landscapeforms Scarborough)	3,876.46	103.00
32 33 43 13-0081	EA	96" Backed Woven Bench (Landscapeforms Scarborough)	4,510.39	103.00
32 33 43 13-0082	EA	96" Backed Woven Bench With Center Arm (Landscapeforms Scarborough)	4,802.00	103.00
32 33 43 13-0083	EA	96" Backed Woven Bench With Two Intermediate Arms (Landscapeforms Scarborough)	5,087.27	103.00
32 33 43 13-0084	EA	32" Backed Strap Or Perforated Bench (Landscapeforms Town Square)	1,226.24	90.14
32 33 43 13-0085	EA	49" Backed Strap Or Perforated Bench (Landscapeforms Town Square)	1,473.48	90.14
32 33 43 13-0086	EA	49" Backed Strap Or Perforated Bench With Divider (Landscapeforms Town Square)	1,606.60	90.14
32 33 43 13-0087	EA	70" Backed Strap Or Perforated Bench (Landscapeforms Town Square)	1,879.59	103.00
32 33 43 13-0088	EA	70" Backed Strap Or Perforated Bench With Two Dividers (Landscapeforms Town Square)	2,126.82	103.00

32 33 43 13-0089 Benches (Columbia Cascade, TimberForm) *(32 33 43 13)*

32 33 43 13-0090 Wood Benches (Columbia Cascade, TimberForm) *(32 33 43 13-0089)*

Note: Includes powder coated steel frames.

32 33 43 13-0091	EA	70" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-6-E)	902.79	51.51
32 33 43 13-0092	EA	94" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-8-E)	1,034.92	51.51
32 33 43 13-0093	EA	118" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-10-E)	1,325.54	51.51
32 33 43 13-0094	EA	70" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-6-P)	942.45	51.51
32 33 43 13-0095	EA	94" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-8-P)	1,074.55	51.51
32 33 43 13-0096	EA	118" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-10-P)	1,378.38	51.51

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 43 13-0097	EA	70" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-6-E)	1,378.38	51.51
32 33 43 13-0098	EA	94" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-8-E)	1,602.95	51.51
32 33 43 13-0099	EA	118" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-10-E)	2,065.29	51.51
32 33 43 13-0100	EA	70" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-6-P)	1,444.43	51.51
32 33 43 13-0101	EA	94" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-8-P)	1,669.00	51.51
32 33 43 13-0102	EA	118" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-10-P)	2,157.76	51.51
32 33 43 13-0103	EA	70" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-6-E)	2,659.74	51.51
32 33 43 13-0104	EA	94" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-8-E)	3,122.09	51.51
32 33 43 13-0105	EA	118" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-10-E)	4,086.42	51.51
32 33 43 13-0106	EA	70" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-6-P)	2,725.79	51.51
32 33 43 13-0107	EA	94" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-8-P)	3,188.14	51.51
32 33 43 13-0108	EA	118" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-10-P)	4,178.89	51.51
32 33 43 13-0109	EA	70" Length, Embedment Mount, 3 x 4 Wood Slats Concave Bench (TimberForm 2028-6-E)	1,048.13	51.51
32 33 43 13-0110	EA	94" Length, Embedment Mount, 3 x 4 Wood Slats Concave Bench (TimberForm 2028-8-E)	1,180.23	51.51
32 33 43 13-0111	EA	70" Length, Pedestal Mount, 3 x 4 Wood Slats Concave Bench (TimberForm 2028-6-P)	1,087.76	51.51
32 33 43 13-0112	EA	94" Length, Pedestal Mount, 3 x 4 Wood Slats Concave Bench (TimberForm 2028-8-P)	1,219.86	51.51
32 33 43 13-0113	EA	46" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Platform Seat (TimberForm 2044-4-E)	1,748.26	51.51
32 33 43 13-0114	EA	70" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Platform Seat (TimberForm 2044-6-E)	2,065.29	51.51
32 33 43 13-0115	EA	46" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Platform Seat (TimberForm 2044-4-P)	1,853.94	51.51
32 33 43 13-0116	EA	70" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Platform Seat (TimberForm 2044-6-P)	2,170.97	51.51
32 33 43 13-0117	EA	70" Length, Wall Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2045-6)	1,103.23	77.26
32 33 43 13-0118	EA	94" Length, Wall Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2045-8)	1,156.07	77.26
32 33 43 13-0119	EA	118" Length, Wall Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2045-10)	1,565.58	77.26
32 33 43 13-0120	EA	46" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-4-E)	849.98	51.51
32 33 43 13-0121	EA	70" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-6-E)	982.08	51.51
32 33 43 13-0122	EA	94" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-8-E)	1,114.18	51.51
32 33 43 13-0123	EA	118" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-10-E)	1,431.22	51.51
32 33 43 13-0124	EA	142" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-12-E)	1,563.32	51.51
32 33 43 13-0125	EA	46" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-4-P)	863.19	51.51
32 33 43 13-0126	EA	70" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-6-P)	995.29	51.51
32 33 43 13-0127	EA	94" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-8-P)	1,127.39	51.51
32 33 43 13-0128	EA	118" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-10-P)	1,470.85	51.51
32 33 43 13-0129	EA	142" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-12-P)	1,602.95	51.51
32 33 43 13-0130	EA	70" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-6-E)	1,457.64	51.51
32 33 43 13-0131	EA	94" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-8-E)	1,682.21	51.51
32 33 43 13-0132	EA	118" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-10-E)	2,170.97	51.51
32 33 43 13-0133	EA	142" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-12-E)	2,395.54	51.51
32 33 43 13-0134	EA	70" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-6-P)	1,484.06	51.51
32 33 43 13-0135	EA	94" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-8-P)	1,708.63	51.51
32 33 43 13-0136	EA	118" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-10-P)	2,210.60	51.51
32 33 43 13-0137	EA	142" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-12-P)	2,435.17	51.51
32 33 43 13-0138	EA	70" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-6-E)	1,457.64	51.51
32 33 43 13-0139	EA	82" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-7-E)	2,052.08	51.51
32 33 43 13-0140	EA	94" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-8-E)	1,827.52	51.51
32 33 43 13-0141	EA	118" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-10-E)	2,408.75	51.51
32 33 43 13-0142	EA	142" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-12-E)	2,633.32	51.51
32 33 43 13-0143	EA	70" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-6-P)	1,669.00	51.51
32 33 43 13-0144	EA	82" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-7-P)	2,091.71	51.51
32 33 43 13-0145	EA	94" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-8-P)	1,853.94	51.51
32 33 43 13-0146	EA	118" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-10-P)	2,448.38	51.51
32 33 43 13-0147	EA	142" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-12-P)	2,672.95	51.51
32 33 43 13-0148	EA	70" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2142-6)	1,539.16	77.26
32 33 43 13-0149	EA	94" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2142-8)	1,776.94	77.26
32 33 43 13-0150	EA	118" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2142-10)	2,278.91	77.26
32 33 43 13-0151	EA	70" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2143-6)	1,684.47	77.26
32 33 43 13-0152	EA	94" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2143-8)	1,922.25	77.26
32 33 43 13-0153	EA	118" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2143-10)	2,503.48	77.26
32 33 43 13-0154		Recycled Plastic Benches (Columbia Cascade, TimberForm) *(32 33 43 13-0089)* Note: Includes powder coated steel frames.		
32 33 43 13-0155	EA	70" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Concave Bench (TimberForm 2029-6-E)	1,233.07	51.51

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 43 13-0156	EA	94" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Concave Bench (TimberForm 2029-8-E)	1,682.21	51.51
32 33 43 13-0157	EA	70" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Concave Bench (TimberForm 2029-6-P)	1,272.70	51.51
32 33 43 13-0158	EA	94" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Concave Bench (TimberForm 2029-8-P)	1,721.84	51.51
32 33 43 13-0159	EA	46" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Platform Seat (TimberForm 2041-4-E)	1,933.20	51.51
32 33 43 13-0160	EA	70" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Platform Seat (TimberForm 2041-6-E)	2,263.44	51.51
32 33 43 13-0161	EA	46" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Platform Seat (TimberForm 2041-4-P)	2,038.87	51.51
32 33 43 13-0162	EA	70" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Platform Seat (TimberForm 2041-6-P)	2,369.12	51.51
32 33 43 13-0163	EA	70" Length, Wall Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2042-6)	1,235.33	77.26
32 33 43 13-0164	EA	94" Length, Wall Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2042-8)	1,486.32	77.26
32 33 43 13-0165	EA	118" Length, Wall Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2042-10)	1,750.52	77.26
32 33 43 13-0166	EA	70" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-6-E)	1,008.47	51.51
32 33 43 13-0167	EA	94" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-8-E)	1,351.96	51.51
32 33 43 13-0168	EA	118" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-10-E)	1,616.16	51.51
32 33 43 13-0169	EA	70" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-6-P)	1,048.13	51.51
32 33 43 13-0170	EA	94" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-8-P)	1,391.59	51.51
32 33 43 13-0171	EA	118" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-10-P)	1,669.00	51.51
32 33 43 13-0172	EA	70" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-6-E)	1,602.95	51.51
32 33 43 13-0173	EA	94" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-8-E)	2,157.76	51.51
32 33 43 13-0174	EA	118" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-10-E)	2,620.11	51.51
32 33 43 13-0175	EA	70" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-6-P)	1,669.00	51.51
32 33 43 13-0176	EA	94" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-8-P)	2,250.23	51.51
32 33 43 13-0177	EA	118" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-10-P)	2,712.58	51.51
32 33 43 13-0178	EA	70" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-6-E)	3,122.09	51.51
32 33 43 13-0179	EA	94" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-8-E)	4,297.78	51.51
32 33 43 13-0180	EA	118" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-10-E)	4,760.13	51.51
32 33 43 13-0181	EA	70" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-6-P)	3,188.14	51.51
32 33 43 13-0182	EA	94" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-8-P)	4,390.25	51.51
32 33 43 13-0183	EA	118" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-10-P)	4,852.60	51.51
32 33 43 13-0184	EA	70" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-6-E)	1,959.61	51.51
32 33 43 13-0185	EA	82" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-7-E)	2,725.79	51.51
32 33 43 13-0186	EA	94" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-8-E)	2,606.90	51.51
32 33 43 13-0187	EA	118" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-10-E)	2,989.99	51.51
32 33 43 13-0188	EA	142" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-12-E)	4,020.37	51.51
32 33 43 13-0189	EA	70" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-6-P)	1,986.03	51.51
32 33 43 13-0190	EA	82" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-7-P)	2,765.42	51.51
32 33 43 13-0191	EA	94" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-8-P)	2,646.53	51.51
32 33 43 13-0192	EA	118" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-10-P)	3,029.62	51.51
32 33 43 13-0193	EA	142" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-12-P)	4,086.42	51.51
32 33 43 13-0194	EA	70" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2154-6)	1,869.41	77.26
32 33 43 13-0195	EA	94" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2154-8)	2,516.69	77.26
32 33 43 13-0196	EA	118" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2154-10)	3,111.14	77.26
32 33 43 13-0197	EA	70" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2156-6)	2,093.97	77.26
32 33 43 13-0198	EA	94" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2156-8)	2,794.10	77.26
32 33 43 13-0199	EA	118" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2156-10)	3,071.51	77.26
32 33 43 13-0200	EA	46" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-4-E)	902.82	51.51
32 33 43 13-0201	EA	70" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-6-E)	1,180.23	51.51
32 33 43 13-0202	EA	94" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-8-E)	1,589.74	51.51
32 33 43 13-0203	EA	118" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-10-E)	1,867.15	51.51
32 33 43 13-0204	EA	142" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-12-E)	2,170.97	51.51
32 33 43 13-0205	EA	46" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-4-P)	929.24	51.51
32 33 43 13-0206	EA	70" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-6-P)	1,206.65	51.51
32 33 43 13-0207	EA	94" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-8-P)	1,629.37	51.51
32 33 43 13-0208	EA	118" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-10-P)	1,906.78	51.51
32 33 43 13-0209	EA	142" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-12-P)	2,223.81	51.51
32 33 43 13-0210	EA	70" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-6-E)	1,748.26	51.51
32 33 43 13-0211	EA	94" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-8-E)	2,395.54	51.51
32 33 43 13-0212	EA	118" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-10-E)	2,950.36	51.51

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 43 13-0213	EA	142" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-12-E)	3,320.24	51.51
32 33 43 13-0214	EA	70" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-6-P)	1,774.68	51.51
32 33 43 13-0215	EA	94" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-8-P)	2,435.17	51.51
32 33 43 13-0216	EA	118" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-10-P)	2,989.99	51.51
32 33 43 13-0217	EA	142" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-12-P)	3,373.08	51.51

32 33 43 53 Site Tables *(32 33 43)*

32 33 43 53-0001 Tables *(32 33 43 53)*

32 33 43 53-0002 Tables (Wabash) *(32 33 43 53-0001)*

32 33 43 53-0003	EA	Spyder ADA Round Table (Wabash SY203P)	2,653.62	92.70
32 33 43 53-0004	EA	Shelter With 6' Table (Wabash SH105P)	8,023.59	92.70
32 33 43 53-0005	EA	46" Round Table With Attached Chairs, Bench Seats, Solid Top With Square Perforation Seats, Portable/Surface Mount (Wabash CA2Q50C)	2,441.34	92.70
32 33 43 53-0006	EA	46" Round Table With Attached Chairs, Bench Seats, Solid Top With Square Perforation Seats, Inground (Wabash CA2Q50I)	2,618.46	103.00

32 33 43 53-0007 Tables (Landscapeforms) *(32 33 43 53-0001)*

32 33 43 53-0008	EA	Plexus Companion Table For Backed Seat, Straight Runs	827.26	96.31
32 33 43 53-0009	EA	Companion Table For Narrow-Backed Seat, For 60 Degree Radius (Landscapeforms Plexus)	1,030.12	96.31
32 33 43 53-0010	EA	Companion Table For Narrow-Backed Seat, For 120 Degree Radius (Landscapeforms Plexus)	1,030.12	96.31
32 33 43 53-0011	EA	Companion Table For Wide-Backed Seat, For 120 Degree Radius (Landscapeforms Plexus)	1,030.12	96.31
32 33 43 53-0012	EA	6-Person Picnic Table (Landscapeforms Manistee)	3,074.42	96.31
32 33 43 53-0013	EA	4-Person Picnic Table (Landscapeforms Manistee)	2,733.62	96.31
32 33 43 53-0014	EA	2-Person Picnic Table (Landscapeforms Manistee)	2,421.21	96.31
32 33 43 53-0015	EA	Umbrella Stand For Picnic Table (Landscapeforms)	253.57	
32 33 43 53-0016	EA	32" x 72" Picnic Table (Landscapeforms Petoskey)	2,431.00	92.70
32 33 43 53-0017	EA	62" Backless Metal Rod Bench (Landscapeforms Petoskey)	1,287.36	72.10
32 33 43 53-0018	EA	29" Backless Metal Rod Bench (Landscapeforms Petoskey)	1,077.90	72.10
32 33 43 53-0019	EA	58" x 54" x 30" Wood Or PolySite Picnic Table With Benches (Landscapeforms Gretchen)	2,843.56	92.70
32 33 43 53-0020	EA	3 Seat Table, Backless, Grid Seats And Fiberglass Top (Landscapeforms Carousel)	2,733.62	96.31
32 33 43 53-0021	EA	4 Seat Table, Backless, Grid Seats And Fiberglass Top (Landscapeforms Carousel)	2,733.62	96.31
32 33 43 53-0022	EA	5 Seat Table, Backless, Grid Seats And Fiberglass Top (Landscapeforms Carousel)	3,543.02	96.31
32 33 43 53-0023	EA	6 Seat Table, Backless, Grid Seats And Fiberglass Top (Landscapeforms Carousel)	3,543.02	96.31
32 33 43 53-0024	EA	3 Seat Table, Backless, Grid Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	2,918.22	96.31
32 33 43 53-0025	EA	4 Seat Table, Backless, Grid Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	2,918.22	96.31
32 33 43 53-0026	EA	5 Seat Table, Backless, Grid Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	3,727.62	96.31
32 33 43 53-0027	EA	6 Seat Table, Backless, Grid Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	3,727.62	96.31
32 33 43 53-0028	EA	3 Seat Table, Backless, Perforated Seats And Fiberglass Top (Landscapeforms Carousel)	2,847.22	96.31
32 33 43 53-0029	EA	4 Seat Table, Backless, Perforated Seats And Fiberglass Top (Landscapeforms Carousel)	2,847.22	96.31
32 33 43 53-0030	EA	5 Seat Table, Backless, Perforated Seats And Fiberglass Top (Landscapeforms Carousel)	3,713.42	96.31
32 33 43 53-0031	EA	6 Seat Table, Backless, Perforated Seats And Fiberglass Top (Landscapeforms Carousel)	3,713.42	96.31
32 33 43 53-0032	EA	3 Seat Table, Backless, Perforated Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	3,031.82	96.31
32 33 43 53-0033	EA	4 Seat Table, Backless, Perforated Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	3,031.82	96.31
32 33 43 53-0034	EA	5 Seat Table, Backless, Perforated Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	3,898.02	96.31
32 33 43 53-0035	EA	6 Seat Table, Backless, Perforated Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	3,898.02	96.31
32 33 43 53-0036	EA	3 Seat Table, Backed, Grid Seats And Fiberglass Top (Landscapeforms Carousel)	2,904.02	96.31
32 33 43 53-0037	EA	4 Seat Table, Backed, Grid Seats And Fiberglass Top (Landscapeforms Carousel)	2,904.02	96.31
32 33 43 53-0038	EA	5 Seat Table, Backed, Grid Seats And Fiberglass Top (Landscapeforms Carousel)	3,727.62	96.31
32 33 43 53-0039	EA	6 Seat Table, Backed, Grid Seats And Fiberglass Top (Landscapeforms Carousel)	3,727.62	96.31
32 33 43 53-0040	EA	3 Seat Table, Backed, Grid Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	3,088.62	96.31
32 33 43 53-0041	EA	4 Seat Table, Backed, Grid Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	3,088.62	96.31
32 33 43 53-0042	EA	5 Seat Table, Backed, Grid Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	3,912.22	96.31
32 33 43 53-0043	EA	6 Seat Table, Backed, Grid Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	3,912.22	96.31
32 33 43 53-0044	EA	3 Seat Table, Backed, Perforated Seats And Fiberglass Top (Landscapeforms Carousel)	3,046.02	96.31
32 33 43 53-0045	EA	4 Seat Table, Backed, Perforated Seats And Fiberglass Top (Landscapeforms Carousel)	3,046.02	96.31
32 33 43 53-0046	EA	5 Seat Table, Backed, Perforated Seats And Fiberglass Top (Landscapeforms Carousel)	3,940.62	96.31
32 33 43 53-0047	EA	6 Seat Table, Backed, Perforated Seats And Fiberglass Top (Landscapeforms Carousel)	3,940.62	96.31
32 33 43 53-0048	EA	3 Seat Table, Backed, Perforated Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	3,230.62	96.31
32 33 43 53-0049	EA	4 Seat Table, Backed, Perforated Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	3,230.62	96.31
32 33 43 53-0050	EA	5 Seat Table, Backed, Perforated Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	4,125.22	96.31
32 33 43 53-0051	EA	6 Seat Table, Backed, Perforated Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	4,125.22	96.31
32 33 43 53-0052	EA	3 Seat Table, Backless, Grid Seats And Catena Top (Landscapeforms Carousel)	2,538.87	96.31
32 33 43 53-0053	EA	4 Seat Table, Backless, Grid Seats And Catena Top (Landscapeforms Carousel)	2,538.87	96.31
32 33 43 53-0054	EA	5 Seat Table, Backless, Grid Seats And Catena Top (Landscapeforms Carousel)	3,337.62	96.31
32 33 43 53-0055	EA	6 Seat Table, Backless, Grid Seats And Catena Top (Landscapeforms Carousel)	3,337.62	96.31
32 33 43 53-0056	EA	3 Seat Table, Backless, Grid Seats And Steelhead Top (Landscapeforms Carousel)	2,640.30	96.31
32 33 43 53-0057	EA	4 Seat Table, Backless, Grid Seats And Steelhead Top (Landscapeforms Carousel)	2,640.30	96.31
32 33 43 53-0058	EA	5 Seat Table, Backless, Grid Seats And Steelhead Top (Landscapeforms Carousel)	3,426.37	96.31
32 33 43 53-0059	EA	6 Seat Table, Backless, Grid Seats And Steelhead Top (Landscapeforms Carousel)	3,426.37	96.31
32 33 43 53-0060	EA	3 Seat Table, Backless, Perforated Seats And Catena Top (Landscapeforms Carousel)	2,652.98	96.31
32 33 43 53-0061	EA	4 Seat Table, Backless, Perforated Seats And Catena Top (Landscapeforms Carousel)	2,652.98	96.31
32 33 43 53-0062	EA	5 Seat Table, Backless, Perforated Seats And Catena Top (Landscapeforms Carousel)	3,489.77	96.31
32 33 43 53-0063	EA	6 Seat Table, Backless, Perforated Seats And Catena Top (Landscapeforms Carousel)	3,489.77	96.31

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 43 53-0064	EA	3 Seat Table, Backless, Perforated Seats And Steelhead Top (Landscapeforms Carousel)	2,741.73	96.31
32 33 43 53-0065	EA	4 Seat Table, Backless, Perforated Seats And Steelhead Top (Landscapeforms Carousel)	2,741.73	96.31
32 33 43 53-0066	EA	5 Seat Table, Backless, Perforated Seats And Steelhead Top (Landscapeforms Carousel)	3,578.52	96.31
32 33 43 53-0067	EA	6 Seat Table, Backless, Perforated Seats And Steelhead Top (Landscapeforms Carousel)	3,578.52	96.31
32 33 43 53-0068	EA	3 Seat Table, Backed, Grid Seats And Catena Top (Landscapeforms Carousel)	2,703.69	96.31
32 33 43 53-0069	EA	4 Seat Table, Backed, Grid Seats And Catena Top (Landscapeforms Carousel)	2,703.69	96.31
32 33 43 53-0070	EA	5 Seat Table, Backed, Grid Seats And Catena Top (Landscapeforms Carousel)	3,515.12	96.31
32 33 43 53-0071	EA	6 Seat Table, Backed, Grid Seats And Catena Top (Landscapeforms Carousel)	3,515.12	96.31
32 33 43 53-0072	EA	3 Seat Table, Backed, Grid Seats And Steelhead Top (Landscapeforms Carousel)	2,798.78	96.31
32 33 43 53-0073	EA	4 Seat Table, Backed, Grid Seats And Steelhead Top (Landscapeforms Carousel)	2,798.78	96.31
32 33 43 53-0074	EA	5 Seat Table, Backed, Grid Seats And Steelhead Top (Landscapeforms Carousel)	3,603.87	96.31
32 33 43 53-0075	EA	6 Seat Table, Backed, Grid Seats And Steelhead Top (Landscapeforms Carousel)	3,603.87	96.31
32 33 43 53-0076	EA	3 Seat Table, Backed, Perforated Seats And Catena Top (Landscapeforms Carousel)	2,862.18	96.31
32 33 43 53-0077	EA	4 Seat Table, Backed, Perforated Seats And Catena Top (Landscapeforms Carousel)	2,862.18	96.31
32 33 43 53-0078	EA	5 Seat Table, Backed, Perforated Seats And Catena Top (Landscapeforms Carousel)	3,762.36	96.31
32 33 43 53-0079	EA	6 Seat Table, Backed, Perforated Seats And Catena Top (Landscapeforms Carousel)	3,762.36	96.31
32 33 43 53-0080	EA	3 Seat Table, Backed, Perforated Seats And Steelhead Top (Landscapeforms Carousel)	2,950.93	96.31
32 33 43 53-0081	EA	4 Seat Table, Backed, Perforated Seats And Steelhead Top (Landscapeforms Carousel)	2,950.93	96.31
32 33 43 53-0082	EA	5 Seat Table, Backed, Perforated Seats And Steelhead Top (Landscapeforms Carousel)	3,851.11	96.31
32 33 43 53-0083	EA	6 Seat Table, Backed, Perforated Seats And Steelhead Top (Landscapeforms Carousel)	3,851.11	96.31
32 33 43 53-0084		Tables (Columbia Cascade Co. - TimberForm) *(32 33 43 53-0001)*		
32 33 43 53-0085	EA	Table With Four Chairs (Columbia Cascade Co. 2052-E)	4,904.73	120.31
32 33 43 53-0086	EA	Table With Four Chairs (Columbia Cascade Co. 2052-P)	5,984.08	120.31
32 33 43 53-0087	EA	Accessible Table With Three Chairs (Columbia Cascade Co. 2053-E)	4,140.19	120.31
32 33 43 53-0088	EA	Accessible Table With Three Chairs (Columbia Cascade Co. 2053-P)	5,159.58	120.31
32 33 43 53-0089	EA	Table With Four Seats (Columbia Cascade Co. 2054-E)	2,761.02	120.31
32 33 43 53-0090	EA	Table With Four Seats (Columbia Cascade Co. 2054-P)	3,000.87	120.31
32 33 43 53-0091	EA	Accessible Table With Three Seats (Columbia Cascade Co. 2055-E)	2,356.26	120.31
32 33 43 53-0092	EA	Accessible Table With Three Seats (Columbia Cascade Co. 2055-P)	2,566.13	120.31
32 33 43 53-0093	EA	Integral Table With Four Seats (Columbia Cascade Co. 2056-E)	3,075.83	120.31
32 33 43 53-0094	EA	Integral Table With Four Seats (Columbia Cascade Co. 2056-P)	3,285.70	120.31
32 33 43 53-0095	EA	Integral Table With Four Seats (Columbia Cascade Co. 2056-R)	4,964.69	120.31
32 33 43 53-0096	EA	Accessible Integral Table With Four Seats (Columbia Cascade Co. 2057-E)	2,731.04	120.31
32 33 43 53-0097	EA	Accessible Integral Table With Four Seats (Columbia Cascade Co. 2057-P)	2,940.91	120.31
32 33 43 53-0098	EA	Accessible Integral Table With Four Seats (Columbia Cascade Co. 2057-R)	4,619.90	120.31
32 33 43 53-0099	EA	Standard Picnic Table And Seats (Columbia Cascade Co. 2062)	3,390.64	120.31
32 33 43 53-0100	EA	Standard Picnic Table And Seats (Columbia Cascade Co. 2062-P)	3,630.50	120.31
32 33 43 53-0101	EA	Accessible Picnic Table And Seats (Columbia Cascade Co. 2063-E)	3,960.30	120.31
32 33 43 53-0102	EA	Accessible Picnic Table And Seats (Columbia Cascade Co. 2063-P)	4,200.15	120.31
32 33 43 53-0103	EA	Accessible Picnic Table And Benches (Columbia Cascade Co. 2072-E)	4,964.69	120.31
32 33 43 53-0104	EA	Accessible Picnic Table And Benches (Columbia Cascade Co. 2072-P)	5,204.55	120.31
32 33 43 53-0105	EA	Standard Picnic Table And Benches (Columbia Cascade Co. 2073-E)	4,964.69	120.31
32 33 43 53-0106	EA	Standard Picnic Table And Benches (Columbia Cascade Co. 2073-P)	5,204.55	120.31
32 33 43 53-0107	EA	Standard Picnic Table And Seats (Columbia Cascade Co. 2074-6)	1,167.36	48.11
32 33 43 53-0108	EA	Accessible Picnic Table And Seats (Columbia Cascade Co. 2075-6)	1,557.13	48.11
32 33 43 53-0109	EA	Gameboard (Columbia Cascade Co. 2095)	336.34	24.10
32 33 43 53-0110	EA	Standard Picnic Table With Seats (Columbia Cascade Co. 2162-6-E)	3,390.64	120.31
32 33 43 53-0111	EA	Standard Picnic Table With Seats (Columbia Cascade Co. 2162-8-E)	3,870.35	120.31
32 33 43 53-0112	EA	Standard Picnic Table With Seats (Columbia Cascade Co. 2162-6-P)	3,630.50	120.31
32 33 43 53-0113	EA	Standard Picnic Table With Seats (Columbia Cascade Co. 2162-8-P)	4,110.21	120.31
32 33 43 53-0114	EA	Accessible Picnic Table With Seats (Columbia Cascade Co. 2163-6-E)	3,765.41	120.31
32 33 43 53-0115	EA	Accessible Picnic Table With Seats (Columbia Cascade Co. 2163-8-E)	4,245.13	120.31
32 33 43 53-0116	EA	Accessible Picnic Table With Seats (Columbia Cascade Co. 2163-6-P)	4,005.27	120.31
32 33 43 53-0117	EA	Accessible Picnic Table With Seats (Columbia Cascade Co. 2163-8-P)	4,484.98	120.31
32 33 43 53-0118	EA	Standard Picnic Table With Seats (Columbia Cascade Co. 2164-6)	3,176.16	48.11
32 33 43 53-0119	EA	Standard Picnic Table With Seats (Columbia Cascade Co. 2164-8)	3,565.92	48.11
32 33 43 53-0120	EA	Accessible Picnic Table With Seats (Columbia Cascade Co. 2165-6)	3,550.93	48.11
32 33 43 53-0121	EA	Accessible Picnic Table With Seats (Columbia Cascade Co. 2165-8)	3,940.70	48.11
32 33 43 53-0122	EA	Standard Picnic Table With Seats (Columbia Cascade Co. 2638-6-E)	7,992.88	120.31
32 33 43 53-0123	EA	Standard Picnic Table With Seats (Columbia Cascade Co. 2638-6-P)	8,832.37	120.31
32 33 43 53-0124	EA	Accessible Picnic Table With Seats (Columbia Cascade Co. 2639-6-E)	7,992.88	120.31
32 33 43 53-0125	EA	Accessible Picnic Table With Seats (Columbia Cascade Co. 2639-6-P)	8,832.37	120.31
32 33 43 53-0126	EA	Round Table With Center Support (Columbia Cascade Co. 2902-0030-E)	1,981.48	120.31
32 33 43 53-0127	EA	Round Table With Center Support (Columbia Cascade Co. 2902-0036-E)	2,176.37	120.31
32 33 43 53-0128	EA	Round Table With Center Support (Columbia Cascade Co. 2902-0042-E)	2,371.25	120.31
32 33 43 53-0129	EA	Round Table With Center Support (Columbia Cascade Co. 2902-0030-P)	2,116.40	120.31
32 33 43 53-0130	EA	Round Table With Center Support (Columbia Cascade Co. 2902-0036-P)	2,311.29	120.31
32 33 43 53-0131	EA	Round Table With Center Support (Columbia Cascade Co. 2902-0042-P)	2,506.17	120.31
32 33 43 53-0132	EA	Square Table With Center Support (Columbia Cascade Co. 2902-3030-E)	1,936.51	120.31
32 33 43 53-0133	EA	Square Table With Center Support (Columbia Cascade Co. 2902-3636-E)	2,071.43	120.31
32 33 43 53-0134	EA	Square Table With Center Support (Columbia Cascade Co. 2902-4242-E)	2,206.35	120.31
32 33 43 53-0135	EA	Square Table With Center Support (Columbia Cascade Co. 2902-3030-P)	2,071.43	120.31
32 33 43 53-0136	EA	Square Table With Center Support (Columbia Cascade Co. 2902-3636-P)	2,206.35	120.31
32 33 43 53-0137	EA	Square Table With Center Support (Columbia Cascade Co. 2902-4242-P)	2,341.27	120.31
32 33 43 53-0138	EA	Round Table With Four Legs (Columbia Cascade Co. 2905-0030-E)	1,876.55	120.31
32 33 43 53-0139	EA	Round Table With Four Legs (Columbia Cascade Co. 2905-0036-E)	2,071.43	120.31
32 33 43 53-0140	EA	Round Table With Four Legs (Columbia Cascade Co. 2905-0042-E)	2,266.31	120.31
32 33 43 53-0141	EA	Round Table With Four Legs (Columbia Cascade Co. 2905-0030-P)	1,876.55	120.31
32 33 43 53-0142	EA	Round Table With Four Legs (Columbia Cascade Co. 2905-0036-P)	2,071.43	120.31

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 43 53-0143	EA	Round Table With Four Legs (Columbia Cascade Co. 2905-0042-P)	2,266.31	120.31
32 33 43 53-0144	EA	Round Table With Four Legs (Columbia Cascade Co. 2905-0030-L)	1,876.55	120.31
32 33 43 53-0145	EA	Round Table With Four Legs (Columbia Cascade Co. 2905-0036-L)	2,071.43	120.31
32 33 43 53-0146	EA	Round Table With Four Legs (Columbia Cascade Co. 2905-0042-L)	2,266.31	120.31
32 33 43 53-0147	EA	Square Table With Four Legs (Columbia Cascade Co. 2905-3030-E)	1,786.60	120.31
32 33 43 53-0148	EA	Square Table With Four Legs (Columbia Cascade Co. 2905-3636-E)	1,921.52	120.31
32 33 43 53-0149	EA	Square Table With Four Legs (Columbia Cascade Co. 2905-4242-E)	2,056.44	120.31
32 33 43 53-0150	EA	Square Table With Four Legs (Columbia Cascade Co. 2905-3030-P)	1,786.60	120.31
32 33 43 53-0151	EA	Square Table With Four Legs (Columbia Cascade Co. 2905-3636-P)	1,921.52	120.31
32 33 43 53-0152	EA	Square Table With Four Legs (Columbia Cascade Co. 2905-4242-P)	2,056.44	120.31
32 33 43 53-0153	EA	Square Table With Four Legs (Columbia Cascade Co. 2905-3030-L)	1,786.60	120.31
32 33 43 53-0154	EA	Square Table With Four Legs (Columbia Cascade Co. 2905-3636-L)	1,921.52	120.31
32 33 43 53-0155	EA	Square Table With Four Legs (Columbia Cascade Co. 2905-4242-L)	2,056.44	120.31
32 33 43 53-0156	EA	Round Table With Center Support (Columbia Cascade Co. 2912-0030-E)	1,711.65	120.31
32 33 43 53-0157	EA	Round Table With Center Support (Columbia Cascade Co. 2912-0036-E)	1,906.53	120.31
32 33 43 53-0158	EA	Round Table With Center Support (Columbia Cascade Co. 2912-0042-E)	2,101.41	120.31
32 33 43 53-0159	EA	Round Table With Center Support (Columbia Cascade Co. 2912-0030-P)	1,846.57	120.31
32 33 43 53-0160	EA	Round Table With Center Support (Columbia Cascade Co. 2912-0036-P)	2,041.45	120.31
32 33 43 53-0161	EA	Round Table With Center Support (Columbia Cascade Co. 2912-0042-P)	2,236.33	120.31
32 33 43 53-0162	EA	Square Table With Center Support (Columbia Cascade Co. 2912-3030-E)	1,591.72	120.31
32 33 43 53-0163	EA	Square Table With Center Support (Columbia Cascade Co. 2912-3636-E)	1,711.65	120.31
32 33 43 53-0164	EA	Square Table With Center Support (Columbia Cascade Co. 2912-4242-E)	1,846.57	120.31
32 33 43 53-0165	EA	Square Table With Center Support (Columbia Cascade Co. 2912-3030-P)	1,711.65	120.31
32 33 43 53-0166	EA	Square Table With Center Support (Columbia Cascade Co. 2912-3636-P)	1,846.57	120.31
32 33 43 53-0167	EA	Square Table With Center Support (Columbia Cascade Co. 2912-4242-P)	1,981.48	120.31
32 33 43 53-0168	EA	Round Table With Four Legs (Columbia Cascade Co. 2915-0030-E)	1,801.59	120.31
32 33 43 53-0169	EA	Round Table With Four Legs (Columbia Cascade Co. 2915-0036-E)	1,996.48	120.31
32 33 43 53-0170	EA	Round Table With Four Legs (Columbia Cascade Co. 2915-0042-E)	2,191.36	120.31
32 33 43 53-0171	EA	Round Table With Four Legs (Columbia Cascade Co. 2915-0030-P)	1,801.59	120.31
32 33 43 53-0172	EA	Round Table With Four Legs (Columbia Cascade Co. 2915-0036-P)	1,996.48	120.31
32 33 43 53-0173	EA	Round Table With Four Legs (Columbia Cascade Co. 2915-0042-P)	2,191.36	120.31
32 33 43 53-0174	EA	Round Table With Four Legs (Columbia Cascade Co. 2915-0030-L)	1,801.59	120.31
32 33 43 53-0175	EA	Round Table With Four Legs (Columbia Cascade Co. 2915-0036-L)	1,996.48	120.31
32 33 43 53-0176	EA	Round Table With Four Legs (Columbia Cascade Co. 2915-0042-L)	2,191.36	120.31
32 33 43 53-0177	EA	Square Table With Four Legs (Columbia Cascade Co. 2915-3030-E)	1,696.66	120.31
32 33 43 53-0178	EA	Square Table With Four Legs (Columbia Cascade Co. 2915-3636-E)	1,831.58	120.31
32 33 43 53-0179	EA	Square Table With Four Legs (Columbia Cascade Co. 2915-4242-E)	1,966.49	120.31
32 33 43 53-0180	EA	Square Table With Four Legs (Columbia Cascade Co. 2915-3030-P)	1,696.66	120.31
32 33 43 53-0181	EA	Square Table With Four Legs (Columbia Cascade Co. 2915-3636-P)	1,831.58	120.31
32 33 43 53-0182	EA	Square Table With Four Legs (Columbia Cascade Co. 2915-4242-P)	1,966.49	120.31
32 33 43 53-0183	EA	Square Table With Four Legs (Columbia Cascade Co. 2915-3030-L)	1,696.66	120.31
32 33 43 53-0184	EA	Square Table With Four Legs (Columbia Cascade Co. 2915-3636-L)	1,831.58	120.31
32 33 43 53-0185	EA	Square Table With Four Legs (Columbia Cascade Co. 2915-4242-L)	1,966.49	120.31
32 33 43 53-0186	EA	Round Table With Center Support (Columbia Cascade Co. 2922-0030-E)	1,591.72	120.31
32 33 43 53-0187	EA	Round Table With Center Support (Columbia Cascade Co. 2922-0036-E)	1,651.68	120.31
32 33 43 53-0188	EA	Round Table With Center Support (Columbia Cascade Co. 2922-0042-E)	1,711.65	120.31
32 33 43 53-0189	EA	Round Table With Center Support (Columbia Cascade Co. 2922-0030-P)	1,726.64	120.31
32 33 43 53-0190	EA	Round Table With Center Support (Columbia Cascade Co. 2922-0036-P)	1,786.60	120.31
32 33 43 53-0191	EA	Round Table With Center Support (Columbia Cascade Co. 2922-0042-P)	1,846.57	120.31
32 33 43 53-0192	EA	Square Table With Center Support (Columbia Cascade Co. 2922-3030-E)	1,576.73	120.31
32 33 43 53-0193	EA	Square Table With Center Support (Columbia Cascade Co. 2922-3636-E)	1,621.70	120.31
32 33 43 53-0194	EA	Square Table With Center Support (Columbia Cascade Co. 2922-4242-E)	1,666.67	120.31
32 33 43 53-0195	EA	Square Table With Center Support (Columbia Cascade Co. 2922-3030-P)	1,711.65	120.31
32 33 43 53-0196	EA	Square Table With Center Support (Columbia Cascade Co. 2922-3636-P)	1,756.62	120.31
32 33 43 53-0197	EA	Square Table With Center Support (Columbia Cascade Co. 2922-4242-P)	1,801.59	120.31
32 33 43 53-0198	EA	Round Table With Four Legs (Columbia Cascade Co. 2925-0030-E)	1,621.70	120.31
32 33 43 53-0199	EA	Round Table With Four Legs (Columbia Cascade Co. 2925-0036-E)	1,681.66	120.31
32 33 43 53-0200	EA	Round Table With Four Legs (Columbia Cascade Co. 2925-0042-E)	1,741.63	120.31
32 33 43 53-0201	EA	Round Table With Four Legs (Columbia Cascade Co. 2925-0030-P)	1,621.70	120.31
32 33 43 53-0202	EA	Round Table With Four Legs (Columbia Cascade Co. 2925-0036-P)	1,681.66	120.31
32 33 43 53-0203	EA	Round Table With Four Legs (Columbia Cascade Co. 2925-0042-P)	1,741.63	120.31
32 33 43 53-0204	EA	Round Table With Four Legs (Columbia Cascade Co. 2925-0030-L)	1,621.70	120.31
32 33 43 53-0205	EA	Round Table With Four Legs (Columbia Cascade Co. 2925-0036-L)	1,681.66	120.31
32 33 43 53-0206	EA	Round Table With Four Legs (Columbia Cascade Co. 2925-0042-L)	1,741.63	120.31
32 33 43 53-0207	EA	Square Table With Four Legs (Columbia Cascade Co. 2925-3030-E)	1,621.70	120.31
32 33 43 53-0208	EA	Square Table With Four Legs (Columbia Cascade Co. 2925-3636-E)	1,666.67	120.31
32 33 43 53-0209	EA	Square Table With Four Legs (Columbia Cascade Co. 2925-4242-E)	1,711.65	120.31
32 33 43 53-0210	EA	Square Table With Four Legs (Columbia Cascade Co. 2925-3030-P)	1,621.70	120.31
32 33 43 53-0211	EA	Square Table With Four Legs (Columbia Cascade Co. 2925-3636-P)	1,666.67	120.31
32 33 43 53-0212	EA	Square Table With Four Legs (Columbia Cascade Co. 2925-4242-P)	1,711.65	120.31
32 33 43 53-0213	EA	Square Table With Four Legs (Columbia Cascade Co. 2925-3030-L)	1,621.70	120.31
32 33 43 53-0214	EA	Square Table With Four Legs (Columbia Cascade Co. 2925-3636-L)	1,666.67	120.31
32 33 43 53-0215	EA	Square Table With Four Legs (Columbia Cascade Co. 2925-4242-L)	1,711.65	120.31
32 33 43 53-0216	EA	Round Table With Center Support (Columbia Cascade Co. 2932-0030-E)	1,651.68	120.31
32 33 43 53-0217	EA	Round Table With Center Support (Columbia Cascade Co. 2932-0036-E)	1,711.65	120.31
32 33 43 53-0218	EA	Round Table With Center Support (Columbia Cascade Co. 2932-0042-E)	1,771.61	120.31
32 33 43 53-0219	EA	Round Table With Center Support (Columbia Cascade Co. 2932-0030-P)	1,786.60	120.31
32 33 43 53-0220	EA	Round Table With Center Support (Columbia Cascade Co. 2932-0036-P)	1,846.57	120.31
32 33 43 53-0221	EA	Round Table With Center Support (Columbia Cascade Co. 2932-0042-P)	1,906.53	120.31
32 33 43 53-0222	EA	Square Table With Center Support (Columbia Cascade Co. 2932-3030-E)	1,756.62	120.31
32 33 43 53-0223	EA	Square Table With Center Support (Columbia Cascade Co. 2932-3636-E)	1,801.59	120.31

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 43 53-0224	EA	Square Table With Center Support (Columbia Cascade Co. 2932-4242-E)	1,846.57	120.31
32 33 43 53-0225	EA	Square Table With Center Support (Columbia Cascade Co. 2932-3030-P)	1,891.54	120.31
32 33 43 53-0226	EA	Square Table With Center Support (Columbia Cascade Co. 2932-3636-P)	1,936.51	120.31
32 33 43 53-0227	EA	Square Table With Center Support (Columbia Cascade Co. 2932-4242-P)	1,981.48	120.31
32 33 43 53-0228	EA	Round Table With Four Legs (Columbia Cascade Co. 2935-0030-E)	1,726.64	120.31
32 33 43 53-0229	EA	Round Table With Four Legs (Columbia Cascade Co. 2935-0036-E)	1,786.60	120.31
32 33 43 53-0230	EA	Round Table With Four Legs (Columbia Cascade Co. 2935-0042-E)	1,846.57	120.31
32 33 43 53-0231	EA	Round Table With Four Legs (Columbia Cascade Co. 2935-0030-P)	1,726.64	120.31
32 33 43 53-0232	EA	Round Table With Four Legs (Columbia Cascade Co. 2935-0036-P)	1,786.60	120.31
32 33 43 53-0233	EA	Round Table With Four Legs (Columbia Cascade Co. 2935-0042-P)	1,846.57	120.31
32 33 43 53-0234	EA	Round Table With Four Legs (Columbia Cascade Co. 2935-0030-L)	1,726.64	120.31
32 33 43 53-0235	EA	Round Table With Four Legs (Columbia Cascade Co. 2935-0036-L)	1,786.60	120.31
32 33 43 53-0236	EA	Round Table With Four Legs (Columbia Cascade Co. 2935-0042-L)	1,846.57	120.31
32 33 43 53-0237	EA	Square Table With Four Legs (Columbia Cascade Co. 2935-3030-E)	1,831.58	120.31
32 33 43 53-0238	EA	Square Table With Four Legs (Columbia Cascade Co. 2935-3636-E)	1,876.55	120.31
32 33 43 53-0239	EA	Square Table With Four Legs (Columbia Cascade Co. 2935-4242-E)	1,921.52	120.31
32 33 43 53-0240	EA	Square Table With Four Legs (Columbia Cascade Co. 2935-3030-P)	1,831.58	120.31
32 33 43 53-0241	EA	Square Table With Four Legs (Columbia Cascade Co. 2935-3636-P)	1,876.55	120.31
32 33 43 53-0242	EA	Square Table With Four Legs (Columbia Cascade Co. 2935-4242-P)	1,921.52	120.31
32 33 43 53-0243	EA	Square Table With Four Legs (Columbia Cascade Co. 2935-3030-L)	1,831.58	120.31
32 33 43 53-0244	EA	Square Table With Four Legs (Columbia Cascade Co. 2935-3636-L)	1,876.55	120.31
32 33 43 53-0245	EA	Square Table With Four Legs (Columbia Cascade Co. 2935-4242-L)	1,921.52	120.31
32 33 43 53-0246	EA	Square Table With Center Support (Columbia Cascade Co. 2942-3030-E)	1,396.84	120.31
32 33 43 53-0247	EA	Square Table With Center Support (Columbia Cascade Co. 2942-3636-E)	1,441.81	120.31
32 33 43 53-0248	EA	Square Table With Center Support (Columbia Cascade Co. 2942-4242-E)	1,486.78	120.31
32 33 43 53-0249	EA	Square Table With Center Support (Columbia Cascade Co. 2942-3030-P)	1,531.76	120.31
32 33 43 53-0250	EA	Square Table With Center Support (Columbia Cascade Co. 2942-3636-P)	1,576.73	120.31
32 33 43 53-0251	EA	Square Table With Center Support (Columbia Cascade Co. 2942-4242-P)	1,621.70	120.31
32 33 43 53-0252	EA	Round Table With Center Support (Columbia Cascade Co. 2962-0030-E)	1,651.68	120.31
32 33 43 53-0253	EA	Round Table With Center Support (Columbia Cascade Co. 2962-0036-E)	1,711.65	120.31
32 33 43 53-0254	EA	Round Table With Center Support (Columbia Cascade Co. 2962-0042-E)	1,771.61	120.31
32 33 43 53-0255	EA	Round Table With Center Support (Columbia Cascade Co. 2962-0030-P)	1,486.78	120.31
32 33 43 53-0256	EA	Round Table With Center Support (Columbia Cascade Co. 2962-0036-P)	1,546.75	120.31
32 33 43 53-0257	EA	Round Table With Center Support (Columbia Cascade Co. 2962-0042-P)	1,606.71	120.31
32 33 43 53-0258	EA	Square Table With Center Support (Columbia Cascade Co. 2962-3030-E)	1,366.85	120.31
32 33 43 53-0259	EA	Square Table With Center Support (Columbia Cascade Co. 2962-3636-E)	1,411.83	120.31
32 33 43 53-0260	EA	Square Table With Center Support (Columbia Cascade Co. 2962-4242-E)	1,456.80	120.31
32 33 43 53-0261	EA	Square Table With Center Support (Columbia Cascade Co. 2962-3030-P)	1,501.77	120.31
32 33 43 53-0262	EA	Square Table With Center Support (Columbia Cascade Co. 2962-3636-P)	1,546.75	120.31
32 33 43 53-0263	EA	Square Table With Center Support (Columbia Cascade Co. 2962-4242-P)	1,591.72	120.31
32 33 43 53-0264		**Picnic Tables** *(32 33 43 53)*		
32 33 43 53-0265		**Wooden Picnic Tables** *(32 33 43 53-0264)*		
32 33 43 53-0266	EA	6' Permanent Rectangular Redwood Table	1,009.20	77.26
32 33 43 53-0267		**Portable Picnic Tables** *(32 33 43 53-0264)*		
32 33 43 53-0268	EA	6' Wood Table With Aluminum Frame	1,433.72	51.51
32 33 43 53-0269	EA	6' Aluminum Table And Frame	2,076.81	51.51
32 33 43 53-0270	EA	8' Aluminum Table And Frame	2,478.54	64.38
32 33 43 53-0271	EA	6' Steel Table And Frame	1,327.38	51.51
32 33 43 53-0272	EA	8' Steel Table And Frame	1,520.53	64.38
32 33 43 53-0273		**Concrete Picnic Tables** *(32 33 43 53-0264)*		
32 33 43 53-0274	EA	72" Long x 72" Wide, Precast Concrete, One Piece, Rectangular Picnic Table With Two Integral Benches (Quikcrete QLBT72PT)	2,637.07	206.01
32 33 43 53-0275	EA	96" Long x 72" Wide, Precast Concrete, One Piece, Rectangular Picnic Table With Two Integral Benches (Quick Crete QLBT96PT Or QLMR96PT) Note: Standard sealer	3,041.52	
32 33 43 53-0276	EA	102" Long x 72" Wide, Precast Concrete, One Piece, Rectangular Picnic Table With Two Integral Benches And Handicap Access On Two Ends (Quick Crete QLMR102PTADA) Note: Standard sealer	3,051.20	
32 33 43 53-0277	EA	42" Diameter, Precast Concrete, Round Food Court Table Set With Four Benches (Quick Crete QR42FC) Note: Includes table top, four benches and mounting hardware.	3,229.67	
32 33 43 53-0278		**Plastic Picnic Tables** *(32 33 43 53-0264)* Note: Manufactured from recycled plastic.		
32 33 43 53-0279		**Pedestal Tables - 4' Square, 2 Seats** *(32 33 43 53-0278)*		
32 33 43 53-0280	EA	3" x 4" Slats, Pedestal Table, 4' Square, 2 Seats	1,608.17	77.26
32 33 43 53-0281	EA	4" x 4" Slats, Pedestal Table, 4' Square, 2 Seats	1,762.58	77.26
32 33 43 53-0282		**Pedestal Tables - 4' Square, 4 Seats** *(32 33 43 53-0278)*		
32 33 43 53-0283	EA	3" x 4" Slats, Pedestal Table, 4' Square, 4 Seats	2,108.90	77.26
32 33 43 53-0284	EA	4" x 4" Slats, Pedestal Table, 4' Square, 4 Seats	2,316.25	77.26

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 43 53-0285		Recycled Plastic Tables *(32 33 43 53-0278)*		
32 33 43 53-0286	EA	6' Standard "Step-Over" Table, Recycled Plastic Lumber	2,763.28	77.26
32 33 43 53-0287	EA	6' " Walk-Through" Table, Recycled Plastic Lumber	2,300.86	77.26
32 33 43 53-0288	EA	7' Reinforced "Step-Over" Table, Recycled Plastic Lumber, ADA Ends	2,513.37	77.26
32 33 43 53-0289	EA	8' " Walk-Through" Table, Recycled Plastic Lumber, ADA Ends	2,350.16	77.26
32 33 43 53-0290	EA	8' Reinforced "Step-Over" Table, Recycled Plastic Lumber, ADA Ends	2,958.37	77.26
32 33 43 53-0291	EA	4' Youth Table, Recycled Plastic Lumber	1,175.53	61.81

32 33 53 Site Grills *(32 33)*

32 33 53 00-0001		Picnic Grills *(32 33 53)*		
32 33 53 00-0002	EA	20" Wide x 14" Deep x 8-1/2" High Adjustable Grill Note: 11 gauge with galvanized steel post.	446.11	
32 33 53 00-0003	EA	20" Wide x 14" Deep x 8-1/2" High Adjustable Grill Note: 7 gauge with galvanized steel post.	477.11	

32 33 63 Skate Board Deterrent *(32 33)*

32 33 63 00-0001		Skate Stoppers *(32 33 63)*		
32 33 63 00-0002	EA	Aluminum Architectural Series Pieces, Skate Stopper Note: Various shapes. Includes drilling and anchoring into suitable surface material.	67.83	
		For >59 To 99, Deduct	*-7.18*	
		For >99 To 249, Deduct	*-9.08*	
		For >249, Deduct	*-10.99*	
32 33 63 00-0003	EA	Aluminum Fixed Angle Series Pieces, Skate Stopper Note: Various shapes. Includes drilling and anchoring into suitable surface material.	71.74	
		For >59 To 99, Deduct	*-7.73*	
		For >99 To 249, Deduct	*-9.75*	
		For >249, Deduct	*-11.77*	
32 33 63 00-0004	EA	Aluminum Fixed Radius Series Pieces, Skate Stopper Note: Various shapes. Includes drilling and anchoring into suitable surface material.	51.17	
		For >59 To 99, Deduct	*-4.85*	
		For >99 To 249, Deduct	*-6.25*	
		For >249, Deduct	*-7.66*	
32 33 63 00-0005	EA	Aluminum Bench Clips, Skate Stopper Note: Various shapes. Includes drilling and anchoring into suitable surface material.	41.35	
		For >59 To 99, Deduct	*-3.47*	
		For >99 To 249, Deduct	*-4.58*	
		For >249, Deduct	*-5.70*	
32 33 63 00-0006	EA	Aluminum Curve Clips, Skate Stopper Note: Various shapes. Includes drilling and anchoring into suitable surface material.	45.02	
		For >59 To 99, Deduct	*-3.99*	
		For >99 To 249, Deduct	*-5.21*	
		For >249, Deduct	*-6.43*	
32 33 63 00-0007	EA	Aluminum Hand Rail, Skate Stopper Note: Various shapes. Includes drilling and anchoring into suitable surface material.	43.16	
		For >59 To 99, Deduct	*-3.72*	
		For >99 To 249, Deduct	*-4.89*	
		For >249, Deduct	*-6.06*	
32 33 63 00-0008	EA	Aluminum 2" x 3" x 0.25" Flat Cap, Skate Stopper Note: Includes drilling and anchoring into suitable surface material.	40.74	
		For >59 To 99, Deduct	*-3.39*	
		For >99 To 249, Deduct	*-4.48*	
		For >249, Deduct	*-5.57*	
32 33 63 00-0009	EA	Aluminum 6" Diameter x 0.25" Rumble Disc, Skate Stopper Note: Includes drilling and anchoring into suitable surface material.	55.74	
		For >59 To 99, Deduct	*-5.49*	
		For >99 To 249, Deduct	*-7.03*	
		For >249, Deduct	*-8.57*	
32 33 63 00-0010	EA	Aluminum 4" x 17" x 0.25" Flat Strap, Skate Stopper Note: Includes drilling and anchoring into suitable surface material.	100.72	
		For >59 To 99, Deduct	*-11.78*	
		For >99 To 249, Deduct	*-14.68*	
		For >249, Deduct	*-17.57*	

32 39 Manufactured Site Specialties *(32 30)*

Note: Excludes coredrilling, augering, concrete footing and compaction See CSI section 02 41 19 13-0081 for concrete core drilling, 02 41 19 13-0219 for asphalt core drilling, 32 31 13 13-0002 for augering, 32 31 13 13-0019 for concrete footing, 32 31 13 13-0045 for compaction of earth.

32 39 13 Manufactured Metal Bollards *(32 39)*

32 39 13 00-0001		Metal Pipe Bollards *(32 39 13)* Note: For bollards by the LF, the quantity is the total length, including the buried portion, if any. See CSI section 32 31 13 13-0001 for augering and filling holes for bollards, 32 31 13 13-0018 for concrete fill for post and post holes.		
32 39 13 00-0002		Steel Pipe Bollard, Schedule 40 Pipe, Painted Or Powered Coated *(32 39 13 00-0001)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 39 13 00-0003	LF	4" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated	76.51	13.88
		For Galvanized Steel, Add	*8.29*	
		For 304 Stainless Steel, Add	*65.83*	
		For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add	*135.00*	
		For Each Sleeve For Removable, Lockable Bollard (Includes Tamper Proof Screw), Add	*93.42*	
		For Schedule 80, Add	*10.09*	
		For Concrete Fill, Add Per LF Of Pipe Bollard	*10.97*	
32 39 13 00-0004	LF	6" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated	104.66	13.88
		For Galvanized Steel, Add	*13.07*	
		For 304 Stainless Steel, Add	*103.83*	
		For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add	*135.00*	
		For Each Sleeve For Removable, Lockable Bollard (Includes Tamper Proof Screw), Add	*93.42*	
		For Schedule 80, Add	*14.31*	
		For Concrete Fill, Add Per LF Of Pipe Bollard	*15.45*	
32 39 13 00-0005	LF	8" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated	148.77	17.35
		For Galvanized Steel, Add	*19.39*	
		For 304 Stainless Steel, Add	*154.01*	
		For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add	*176.76*	
		For Each Sleeve For Removable, Lockable Bollard, Add	*137.54*	
		For Schedule 80, Add	*20.58*	
		For Concrete Fill, Add Per LF Of Pipe Bollard	*20.63*	
32 39 13 00-0006	LF	10" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated	197.71	20.81
		For Galvanized Steel, Add	*26.53*	
		For 304 Stainless Steel, Add	*210.71*	
		For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add	*204.52*	
		For Each Sleeve For Removable, Lockable Bollard, Add	*151.42*	
		For Schedule 80, Add	*27.58*	
		For Concrete Fill, Add Per LF Of Pipe Bollard	*25.23*	
32 39 13 00-0007	LF	12" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated	249.20	27.75
		For Galvanized Steel, Add	*32.93*	
		For 304 Stainless Steel, Add	*261.48*	
		For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add	*281.04*	
		For Each Sleeve For Removable, Lockable Bollard, Add	*207.89*	
		For Schedule 80, Add	*34.60*	
		For Concrete Fill, Add Per LF Of Pipe Bollard	*29.41*	

32 39 23 Manufactured Concrete Bollards *(32 39)*

32 39 23 00-0001 Concrete Bollards *(32 39 23)*

Note: For bollards by the LF, the quantity is the total length, including the buried portion, if any.

32 39 23 00-0002 Concrete Bollard, Exposed Aggregate *(32 39 23 00-0001)*

32 39 23 00-0003	EA	12" x 12" x 30" High Concrete Bollard, Light Media Blast Note: Surface mounted with anchor bolts embedded into grout pockets.	683.92	111.02
32 39 23 00-0004	EA	12" Diameter x 30" High Concrete Bollard, Light Media Blast Note: Surface mounted with anchor bolts embedded into grout pockets.	683.92	111.02

32 39 25 Manufactured Wood Bollards *(32 39)*

32 39 25 00-0001 Wood Bollards *(32 39 25)*

Note: For bollards by the LF, the quantity is the total length, including the buried portion, if any. See CSI section 32 31 13 13-0001 for augering and filling holes for bollards, 32 31 13 13-0018 for concrete fill.

32 39 25 00-0002 Wood Bollard, Pressure Treated Timber *(32 39 25 00-0001)*

32 39 25 00-0003	LF	4" x 4", Pressure Treated Wood Bollard	25.26	11.10
		For Each Sleeve For Removable, Lockable Bollard, Add	*91.42*	
32 39 25 00-0004	LF	6" x 6", Pressure Treated Wood Bollard	28.49	11.10
		For Each Sleeve For Removable, Lockable Bollard, Add	*91.42*	
32 39 25 00-0005	LF	8" x 8", Pressure Treated Wood Bollard	36.18	12.49
		For Each Sleeve For Removable, Lockable Bollard, Add	*135.16*	
32 39 25 00-0006	LF	10" x 10", Pressure Treated Wood Bollard	50.77	16.65
		For Each Sleeve For Removable, Lockable Bollard, Add	*151.82*	
32 39 25 00-0007	LF	12" x 12", Pressure Treated Wood Bollard	69.55	22.20
		For Each Sleeve For Removable, Lockable Bollard, Add	*209.91*	

32 39 27 Manufactured Plastic Bollards *(32 39)*

32 39 27 00-0001 Plastic Bollards *(32 39 27)*

See CSI section 32 31 13 13-0001 for augering and filling holes for bollards.

32 39 27 00-0002 Recycled Plastic Bollards *(32 39 27 00-0001)*

32 39 27 00-0003	EA	6" x 6" x 33" Surface Mounted Recycled Plastic Bollard Note: Includes anchor bolts.	365.20	55.51
32 39 27 00-0004	EA	6" Diameter x 6' Steel Reinforced Recycled Plastic Bollard	591.47	55.51

32 39 27 00-0005 Plastic Bollard Covers *(32 39 27 00-0001)*

32 39 27 00-0006	EA	4" x 60", 1/8" Thick LDPE Bollard Cover, Fits 4" To 4-1/2" Pipe	93.65	13.22
		For Reflective Tape, Add	*10.67*	
32 39 27 00-0007	EA	6" x 60", 1/8" Thick LDPE Bollard Cover, Fits 6" To 6-5/8" Pipe	101.31	14.55
		For Reflective Tape, Add	*10.67*	
32 39 27 00-0008	EA	3" x 60", 1/4" Thick LDPE Bollard Cover, Fits 3" To 3 1/2" Pipe	127.25	13.22
		For Reflective Tape, Add	*10.67*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 39 27 00-0009	EA	3-1/2" x 52", 1/4" Thick LDPE Bollard Cover, Fits 3 -1/2" To 4" Pipe	127.25	13.22
		For Reflective Tape, Add	*10.67*	
32 39 27 00-0010	EA	3-1/2" x 68", 1/4" Thick LDPE Bollard Cover, Fits 3-1/2" To 4" Pipe	142.94	13.22
		For Reflective Tape, Add	*10.67*	
32 39 27 00-0011	EA	4" x 52", 1/4" Thick LDPE Bollard Cover, Fits 4' To 4-1/2" Pipe	127.25	13.22
		For Reflective Tape, Add	*10.67*	
32 39 27 00-0012	EA	4" x 60", 1/4" Thick LDPE Bollard Cover, Fits 4" To 4-1/2" Pipe	129.49	13.22
		For Reflective Tape, Add	*10.67*	
32 39 27 00-0013	EA	5" x 52", 1/4" Thick LDPE Bollard Cover, Fits 5" To 5-9/16" Pipe	127.25	13.22
		For Reflective Tape, Add	*10.67*	
32 39 27 00-0014	EA	5" x 60", 1/4" Thick LDPE Bollard Cover, Fits 5" To 5-9/16" Pipe	129.49	13.22
		For Reflective Tape, Add	*10.67*	
32 39 27 00-0015	EA	5" x 72", 1/4" Thick LDPE Bollard Cover, Fits 5" To 5-9/16" Pipe	181.03	13.22
		For Reflective Tape, Add	*10.67*	
32 39 27 00-0016	EA	6" x 52", 1/4" Thick LDPE Bollard Cover, Fits 6" To 6-5/8" Pipe	129.90	14.55
		For Reflective Tape, Add	*10.67*	
32 39 27 00-0017	EA	6" x 65", 1/4" Thick LDPE Bollard Cover, Fits 6" To 6-5/8" Pipe	165.75	14.55
		For Reflective Tape, Add	*10.67*	
32 39 27 00-0018	EA	6" x 84", 1/4" Thick LDPE Bollard Cover, Fits 6" To 6-5/8" Pipe	188.69	14.55
		For Reflective Tape, Add	*10.67*	
32 39 27 00-0019	EA	7" x 56", 1/4" Thick LDPE Bollard Cover, Fits 6" To 6-5/8" Pipe	159.43	15.87
		For Reflective Tape, Add	*10.67*	
32 39 27 00-0020	EA	8" x 52", 1/4" Thick LDPE Bollard Cover, Fits 7" To 7-5/16" Pipe	172.88	15.87
		For Reflective Tape, Add	*10.67*	
32 39 27 00-0021	EA	8" x 69", 1/4" Thick LDPE Bollard Cover, Fits 8" To 8-5/8" Pipe	172.88	15.87
		For Reflective Tape, Add	*10.67*	
32 39 27 00-0022	EA	10" x 69", 1/4" Thick LDPE Bollard Cover, Fits 10" To 11" Pipe	233.39	15.87
		For Reflective Tape, Add	*10.67*	

32 39 29 Manufactured Stone Bollards *(32 39)*

32 39 29 00-0001 Stone Bollards *(32 39 29)*

32 39 29 00-0002 Granite Bollards *(32 39 29 00-0001)*

32 39 29 00-0003	EA	16" x 16" x 30" Granite Bollard, Smooth Matt Finish Note: Surface mounted with anchors embedded into grout pockets.	1,733.56	138.77
32 39 29 00-0004	EA	16" x 16" x 54" Granite Bollard, Smooth Matt Finish Note: Surface mounted with anchors embedded into grout pockets.	2,188.74	194.28
32 39 29 00-0005	EA	12" x 12" x 24" Granite Bollard, Rough Finish, Pyramid Top Note: Surface mounted with anchors embedded into grout pockets.	1,055.85	138.77
32 39 29 00-0006	EA	12" Diameter x 18" Granite Bollard, Smooth Matt Finish Note: Flat Top, surface mounted with anchors embedded into grout pockets.	1,598.64	111.02
32 39 29 00-0007	EA	24" x 24" x 20" Granite Bollard, Octagonal Cross Section Note: Smooth matt finish, flat top, surface mounted with anchors embedded into grout pockets.	2,406.08	111.02

32 80 Irrigation *(32)*

32 82 Irrigation Pumps *(32 80)*

32 82 00 00-0001 Variable Frequency Booster Pump Stations *(32 82)*

32 82 00 00-0002	EA	200 GPM, 7.5 HP, 4" Suction/Discharge Connections, Variable Frequency, Horizontal Booster Pump Station (Rain Bird®) Note: Includes marine grade aluminum enclosure, separate NEMA 3R electrical controls enclosure, circuit breaker motor protection, surge protection, fan and louver cooling, glycerin filled pressure gauges, pump thermal switch and auto restart capability.	35,868.47	330.27
		For Pump Bypass Manifold With Isolation Valves, Add	*661.11*	
		For Externally Mounted Pump Station Fault Alarm Light, Add	*791.02*	
		For Flow Switch, Add	*1,319.91*	
		For Pressure Relief Valve With Relief Piping, Add	*1,793.13*	
		For Environmental Package With Heater And Insulation, Add	*3,827.50*	

32 84 Planting Irrigation *(32 80)*

32 84 13 Drip Irrigation *(32 84)*

32 84 13 00-0001 Drip Emitter Irrigation Devices *(32 84 13)*

32 84 13 00-0002 Drip Emitter Irrigation Valves *(32 84 13 00-0001)*

32 84 13 00-0003	EA	1/2" Air/Vacuum Relief Valve For Drip Emitter Irrigation Systems (Rain Bird® ARV050)	51.25	11.96
32 84 13 00-0004	EA	1", Low Flow Remote Control Valve For Drip Emitter Irrigation Systems (Rain Bird® LFV100)	83.20	11.96
32 84 13 00-0005	EA	3/4", Anti-Siphon, Low Flow Remote Control Valve For Drip Emitter Irrigation Systems (Rain Bird® LFV075)	80.97	11.96
32 84 13 00-0006	EA	3/4", Latching Solenoid, Low Flow Remote Control Valve For Drip Emitter Irrigation Systems (Rain Bird® LFV075TBOS)	110.98	11.96

32 84 13 00-0007 Drip Emitter Irrigation Filters *(32 84 13 00-0001)*

32 84 13 00-0008	EA	3/4" Inlet/Outlet, Inline Basket Filter For Drip Emitter Irrigation Systems (Rain Bird® QKCHK-075)	174.41	11.96
32 84 13 00-0009	EA	1" Inlet/Outlet, Inline Basket Filter For Drip Emitter Irrigation Systems (Rain Bird® QKCHK-100)	176.06	11.96
32 84 13 00-0010	EA	3/4" Inlet/Outlet, Inline Wye Filter For Drip Emitter Irrigation Systems (Rain Bird® RBY075MPTX)	65.20	11.96
32 84 13 00-0011	EA	1" Inlet/Outlet, Inline Wye Filter For Drip Emitter Irrigation Systems (Rain Bird® RBY100MPTX)	66.53	11.96

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 13 00-0012	EA	1" Inlet/Outlet, Pressure Regulating, Inline Basket Filter For Drip Emitter Irrigation Systems (Rain Bird® PRB-QCHK-100)	189.78	11.96
32 84 13 00-0013	EA	3/4" Inlet/Outlet, Pressure Regulating, Inline RBY Filter For Drip Emitter Irrigation Systems (Rain Bird® PRF075RBY)	85.07	11.96
32 84 13 00-0014	EA	1" Inlet/Outlet, Pressure Regulating, Inline RBY Filter For Drip Emitter Irrigation Systems (Rain Bird® PRF100RBY)	95.41	11.96
32 84 13 00-0015		**Drip Emitter Irrigation Pressure Regulators** *(32 84 13 00-0001)*		
32 84 13 00-0016	EA	3/4", 6 To 300 GPH, 30 PSI, Inline Pressure Regulator For Drip Emitter Irrigation Systems (Rain Bird® PSI-L30X-075)	63.86	11.96
32 84 13 00-0017	EA	3/4", 120 To 600 GPH, 30 PSI, Inline Pressure Regulator For Drip Emitter Irrigation Systems (Rain Bird® PSI-M30X-075)	63.86	11.96
32 84 13 00-0018	EA	3/4", 120 To 600 GPH, 40 PSI, Inline Pressure Regulator For Drip Emitter Irrigation Systems (Rain Bird® PSI-M40X-075)	63.86	11.96
32 84 13 00-0019	EA	1", 120 To 900 GPH, 40 PSI, Inline Pressure Regulator For Drip Emitter Irrigation Systems (Rain Bird® PSI-M40X-100)	74.74	11.96
32 84 13 00-0020		**Drip Emitter Irrigation Tubing** *(32 84 13 00-0001)*		
		Note: Includes surface installation and covering of tubing with existing pine straw, pine bark etc.		
32 84 13 00-0021	LF	1/4", Landscape Dripline With Extruded Non-Pressure Compensating Drip Emitters (Rain Bird® LDQ0806100)	4.59	1.67
32 84 13 00-0022	LF	1/2", Landscape Dripline With Extruded Pressure Compensating Drip Emitters (Rain Bird® XFD0612100)	4.20	1.91
32 84 13 00-0023	LF	1/4", UV-Resistant, Polyethylene, Distribution Tubing For Drip Emitter Irrigation Systems (Rain Bird® XQ100)	3.54	1.67
		For Shallow Trenching And Backfill By Hand, Add	*6.86*	
32 84 13 00-0024	LF	1/2", UV-Resistant, Polyethylene, Distribution Tubing For Drip Emitter Irrigation Systems (Rain Bird® XT700100)	4.23	1.91
		For Shallow Trenching And Backfill By Hand, Add	*7.44*	
32 84 13 00-0025		**Drip Emitter Irrigation Fittings** *(32 84 13 00-0001)*		
32 84 13 00-0026	EA	1/4", Barbed Coupling For Irrigation Tubing (Rain Bird® XBF1CONN)	3.19	
32 84 13 00-0027	EA	1/4", Barbed Elbow For Irrigation Tubing (Rain Bird® XBF2EL)	3.23	
32 84 13 00-0028	EA	1/4", Barbed Tee For Irrigation Tubing (Rain Bird® XBF3TEE)	3.29	
32 84 13 00-0029	EA	1/4", Self Piercing Barbed Coupling For Irrigation Tubing (Rain Bird® SPB025)	3.48	
32 84 13 00-0030	EA	1/4", Plug For Irrigation Tubing (Rain Bird® EMAGPX)	3.16	
32 84 13 00-0031	EA	17mm, Barbed Coupling For Irrigation Tubing (Rain Bird® XFFCOUP)	3.38	
		For Compression Fitting, Add	*0.39*	
32 84 13 00-0032	EA	17mm, Barbed Elbow For Irrigation Tubing (Rain Bird® XFF-ELBOW)	3.50	
		For Compression Fitting, Add	*0.51*	
32 84 13 00-0033	EA	17mm, Barbed Tee For Irrigation Tubing (Rain Bird® XFF-TEE)	3.55	
		For Compression Fitting, Add	*0.56*	
32 84 13 00-0034	EA	17mm, Barbed Male Adapter For Irrigation Tubing (Rain Bird® XFFMA050)	3.58	
		For Compression Fitting, Add	*0.59*	
32 84 13 00-0035	EA	17mm, Barbed Cross For Irrigation Tubing (Rain Bird® XFDCROSS)	3.82	
		For Compression Fitting, Add	*0.83*	
32 84 13 00-0036	EA	1/2", Plug For Irrigation Tubing (Rain Bird® MDCFCAP)	4.09	
32 84 13 00-0037	EA	12 Gauge, Galvanized Stake For Irrigation Tubing (Rain Bird® TDS050BEND)	2.01	
32 84 13 00-0038		**Drip Emitters** *(32 84 13 00-0001)*		
32 84 13 00-0039	EA	0.5 To 2 GPH, Single Outlet, Pressure Compensating Emitter For Drip Emitter Irrigation Systems (Rain Bird® XB20PC)	6.59	
32 84 13 00-0040	EA	5 To 24 GPH, Single Outlet, Pressure Compensating Emitter For Drip Emitter Irrigation Systems (Rain Bird® PC24)	7.64	
32 84 13 00-0041	EA	0.5 To 2 GPH, Six Outlet, Pressure Compensating Emitter For Drip Emitter Irrigation Systems (Rain Bird® XB056)	16.44	
32 84 13 00-0042		**Drip Emitter Irrigation Micro-Bubblers, Sprays And Misters** *(32 84 13 00-0001)*		
32 84 13 00-0043	EA	Adjustable Stream Bubbler With Spike For Drip Emitter Irrigation Systems (Rain Bird® SXB360SPYK)	25.54	10.76
32 84 13 00-0044	EA	Adjustable Micro Spray With Spike For Drip Emitter Irrigation Systems (Rain Bird® XS360TSPYK)	25.60	10.76
32 84 13 00-0045	EA	12" Height, Riser Assembly With Pressure Compensating Nozzle For Drip Emitter Irrigation Systems (Rain Bird® SQADP12 With SQFUL)	28.52	10.76
32 84 13 00-0046	EA	24" Height, Riser Assembly With Pressure Compensating Nozzle For Drip Emitter Irrigation Systems (Rain Bird® SQADP24 With SQFUL)	28.83	10.76
32 84 13 00-0047	EA	4" Pop-Up Height, Micro Spray Pop-Ups For Drip Emitter Irrigation Systems (Rain Bird® XP-400X With SQFUL) Note: Includes nozzle.	42.18	14.10
32 84 13 00-0048	EA	6" Pop-Up Height, Micro Spray Pop-Ups For Drip Emitter Irrigation Systems (Rain Bird® XP-600X With SQFUL) Note: Includes nozzle.	45.95	14.10
32 84 13 00-0049	EA	12" Pop-Up Height, Micro Spray Pop-Ups For Drip Emitter Irrigation Systems (Rain Bird® XP1200X With SQFUL) Note: Includes nozzle.	47.72	14.10
32 84 13 00-0050		**Subsurface Drip Emitter Irrigation Tubing (Rain Bird® XFS)** *(32 84 13 00-0001)*		
		Note: Brown or purple tubing. Includes layout, trenching 4" to 6", installing tubing and backfilling trench.		
32 84 13 00-0051	LF	0.536" ID, 0.634" OD, Subsurface Drip Emitter Irrigation Tubing (Rain Bird® XFS Copper Shield)	4.82	2.09

32 84 23 Underground Sprinklers *(32 84)*

32 84 23 00-0001 Sprinkler Heads *(32 84 23)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

32 84 23 00-0002 Spray Sprinkler Heads *(32 84 23 00-0001)*

Note: Includes plastic riser and case. Includes spray, variable arc or bubbler nozzle with partial or full circle coverage.

32 84 23 00-0003	EA	2" Pop-Up Height, Spray Sprinkler Head (Rain Bird® 1802P)	37.03	13.21
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0004	EA	4" Pop-Up Height, Spray Sprinkler Head (Rain Bird® 1804P)	34.90	13.21
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0005	EA	6" Pop-Up Height, Spray Sprinkler Head (Rain Bird® 1806P)	42.81	13.21
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0006	EA	12" Pop-Up Height, Spray Sprinkler Head (Rain Bird® 1812P)	49.43	13.21
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0007	EA	4" Pop-Up Height, Spray Sprinkler Head With Check Valve (Rain Bird® 1804-SAM)	37.88	13.21
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0008	EA	6" Pop-Up Height, Spray Sprinkler Head With Check Valve (Rain Bird® 1806-SAM)	49.01	13.21
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0009	EA	12" Pop-Up Height, Spray Sprinkler Head With Check Valve (Rain Bird® 1812-SAM)	54.36	13.21
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0010	EA	4" Pop-Up Height, Spray Sprinkler Head With Pressure Regulator (Rain Bird® 1804-PRS)	41.05	13.21
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0011	EA	6" Pop-Up Height, Spray Sprinkler Head With Pressure Regulator (Rain Bird® 1806-PRS)	51.19	13.21
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0012	EA	12" Pop-Up Height, Spray Sprinkler Head With Pressure Regulator (Rain Bird® 1812-PRS)	56.20	13.21
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0013	EA	4" Pop-Up Height, Spray Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 1804-SAM-PRS)	42.32	13.21
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0014	EA	6" Pop-Up Height, Spray Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 1806-SAM-PRS)	57.89	13.21
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0015	EA	12" Pop-Up Height, Spray Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 1812-SAM-PRS)	62.82	13.21
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0016	EA	Bubbler Head With Screen, 1/2" NPT (Rain Bird® 1300)	30.75	13.21
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0017	EA	Pressure Compensating Bubbler With Screen, 1/2" NPT (Rain Bird® 1400)	35.69	13.21

32 84 23 00-0018 Gear-Drive, Rotary Sprinkler Heads *(32 84 23 00-0001)*

Note: Maximum spacing is equivalent to maximum radius.

32 84 23 00-0019 1/2" Inlet, Up To 35' Spacing, Gear-Drive, Rotary Sprinkler Heads *(32 84 23 00-0018)*

Note: Includes plastic riser and case, standard rubber cover and nozzle with partial or full circle coverage.

32 84 23 00-0020	EA	4" Pop-Up Height, 1/2" Inlet, Up To 35' Spacing, Gear-Drive, Rotary Sprinkler Head (Rain Bird® 3504PC)	52.67	13.21
		For Non-Potable Cover, Add	*2.00*	
32 84 23 00-0021	EA	4" Pop-Up Height, 1/2" Inlet, Up To 35' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve (Rain Bird® 3504-PC-SAM)	54.43	13.21
		For Non-Potable Cover, Add	*2.00*	

32 84 23 00-0022 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Heads *(32 84 23 00-0018)*

Note: Includes plastic riser and case, standard rubber cover and nozzle with partial or full circle coverage.

32 84 23 00-0023	EA	4" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head (Rain Bird® 5004-PLPC)	48.45	13.21
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0024	EA	6" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head (Rain Bird® 5006-PLPC)	67.47	13.21
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0025	EA	4" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve (Rain Bird® 5004-PLPCS)	51.97	13.21
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0026	EA	6" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve (Rain Bird® 5006-PLPCS)	70.29	13.21
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0027	EA	4" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Pressure Regulator (Rain Bird® 5004+PCR)	53.38	13.21
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0028	EA	4" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 5004+FCSR)	56.20	13.21
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0029	EA	6" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 5006+PCSR)	74.51	13.21
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0030	EA	12" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 5012+PCSR)	85.79	13.21
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0031	EA	Shrub Type, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve (Rain Bird® 5000S-PLPCS)	55.84	13.21
		For Non-Potable Cover, Add	*2.00*	
32 84 23 00-0032	EA	Shrub Type, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 5000S+PCSR)	67.12	13.21
		For Non-Potable Cover, Add	*2.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0033		1" Inlet, Up To 65' Spacing, Gear-Drive, Rotary Sprinkler Heads *(32 84 23 00-0018)*		
		Note: Includes plastic riser and case, standard rubber cover, check valve and nozzle with partial or full circle coverage.		
32 84 23 00-0034	EA	4" Pop-Up Height, 1" Inlet, Up To 65' Spacing, Gear-Drive, Rotary Sprinkler Head (Rain Bird® F4PC)	93.89	13.21
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
		For Stainless Steel Riser And High Speed Rotor, Add	*51.86*	
32 84 23 00-0035		1" Inlet, Up To 80' Spacing, Gear-Drive, Rotary Sprinkler Heads *(32 84 23 00-0018)*		
		Note: Includes plastic riser and case, standard rubber cover, check valve and nozzle with partial or full circle coverage.		
32 84 23 00-0036	EA	5" Pop-Up Height, 1" Inlet, Up To 80' Spacing, Gear-Drive, Rotary Sprinkler Head (Rain Bird® 8005)	134.75	13.21
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0037		Impact-Drive Sprinkler Heads *(32 84 23 00-0001)*		
		Note: Includes partial or full circle coverage. Maximum spacing is equivalent to maximum radius.		
32 84 23 00-0038	EA	1/2" Inlet, Up To 45' Spacing, Pop-Up, Impact-Drive Rotary Sprinkler Head (Rain Bird® 2045A-08)	74.16	13.21
		For Non-Potable Cover, Add	*2.00*	
32 84 23 00-0039	EA	1/2" Inlet, Up To 45' Spacing, Riser Mounted, Plastic Body, Impact-Drive Sprinkler Head (Rain Bird® 2045-PJ08)	57.25	13.21
32 84 23 00-0040	EA	3/4" Inlet, Up To 51' Spacing, Riser Mounted, Brass/Bronze Body, Impact-Drive Sprinkler Head (Rain Bird® 35A-ADJ-TNTB)	113.59	13.21
32 84 23 00-0041		Electric Remote Control Irrigation Valves *(32 84 23)*		
32 84 23 00-0042		0.2 To 22 GPM, Plastic, Electric Remote Control Irrigation Valves (Rain Bird® DV Series) *(32 84 23 00-0041)*		
		Note: 15 to 150 PSI.		
32 84 23 00-0043	EA	3/4", 0.2 To 22 GPM, Plastic, Electric Remote Control Irrigation Valve (Rain Bird® 75DV)	156.15	55.05
32 84 23 00-0044	EA	1", 0.2 To 40 GPM, Plastic, Electric Remote Control Irrigation Valve (Rain Bird® 100DV)	156.15	55.05
32 84 23 00-0045	EA	1", 0.2 To 40 GPM, Slip-On, Plastic, Electric Remote Control Irrigation Valve (Rain Bird® 100DVSS)	171.88	62.75
32 84 23 00-0046	EA	1", 0.2 To 22 GPM, Plastic, Electric Remote Control Irrigation Angle Valve (Rain Bird® 100DVA)	157.56	55.05
32 84 23 00-0047		0.2 To 22 GPM, Plastic, Electric Remote Control Irrigation Valves With Flow Control (Rain Bird® DVF Series) *(32 84 23 00-0041)*		
		Note: 15 to 150 PSI.		
32 84 23 00-0048	EA	1", 0.2 To 40 GPM, Plastic, Electric Remote Control Irrigation Valve With Flow Control (Rain Bird® 100DVF)	157.56	55.05
32 84 23 00-0049	EA	1", 0.2 To 40 GPM, Slip-On, Plastic, Electric Remote Control Irrigation Valve With Flow Control (Rain Bird® 100DVFSS)	173.99	62.75
32 84 23 00-0050	EA	1", 0.2 To 40 GPM, Male x Barb, Plastic, Electric Remote Control Irrigation Valve With Flow Control (Rain Bird® 100DVFMB)	175.40	62.75
32 84 23 00-0051		0.25 To 200 GPM, Plastic, Electric Remote Control Irrigation Valves (Rain Bird® PEB Series) *(32 84 23 00-0041)*		
		Note: 20 to 200 PSI.		
32 84 23 00-0052	EA	1", 0.25 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve (Rain Bird® 100PEB)	270.29	55.05
32 84 23 00-0053	EA	1-1/2", 0.25 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve (Rain Bird® 150PEB)	319.60	55.05
32 84 23 00-0054	EA	2", 0.25 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve (Rain Bird® 200PEB)	383.01	55.05
32 84 23 00-0055		5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valves With Pressure Regulator (Rain Bird® PEB PRS-D Series) *(32 84 23 00-0041)*		
		Note: 20 to 200 PSI operating range pressure and 15 to 100 PSI pressure regulation.		
32 84 23 00-0056	EA	1", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 100PEB PRS-D)	391.26	61.87
32 84 23 00-0057	EA	1-1/2", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 150PEB PRS-D)	440.58	61.87
32 84 23 00-0058	EA	2", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 200PEB PRS-D)	503.99	61.87
32 84 23 00-0059		20 To 200 GPM, Plastic, Electric Remote Control Irrigation Valves With Pressure Regulator And Scrubber Valve (Rain Bird® PESB PRS-D Series) *(32 84 23 00-0041)*		
		Note: 20 to 200 PSI operating range pressure and 15 to 100 PSI pressure regulation.		
32 84 23 00-0060	EA	1", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator And Scrubber Valve (Rain Bird® 100PESB PRS-D)	461.71	61.87
32 84 23 00-0061	EA	1-1/2", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator And Scrubber Valve (Rain Bird® 150PESB PRS-D)	511.03	61.87
32 84 23 00-0062	EA	2", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator And Scrubber Valve (Rain Bird® 200PESB PRS-D)	574.44	61.87

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0063		**0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves (Hunter IBV Series)** *(32 84 23 00-0041)*		
		Note: 20 to 200 PSI operating range pressure.		
32 84 23 00-0064	EA	1", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valve (Hunter IBV-101G-B)	410.55	55.05
32 84 23 00-0065	EA	1-1/2", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valve (Hunter IBV-151G-B)	637.29	55.05
32 84 23 00-0066	EA	2", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valve (Hunter IBV-201G-B)	657.79	55.05
32 84 23 00-0067	EA	3", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valve (Hunter IBV-301G-B)	1,561.43	74.31
32 84 23 00-0068		**5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valves (Rain Bird® EFB-CP Series)** *(32 84 23 00-0041)*		
		Note: 15 to 200 PSI operating range pressure and 15 to 100 PSI pressure regulation.		
32 84 23 00-0069	EA	1", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Rain Bird® 100EFB-CP)	375.97	61.87
32 84 23 00-0070	EA	1-1/4", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Rain Bird® 125EFB-CP)	443.39	61.87
32 84 23 00-0071	EA	1-1/2", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Rain Bird® 150EFB-CP)	516.60	61.87
32 84 23 00-0072	EA	2", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Rain Bird® 200EFB-CP)	612.98	61.87
32 84 23 00-0073		**0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valves (Hunter IBV FS Series)** *(32 84 23 00-0041)*		
		Note: 20 to 200 PSI operating range pressure and 20 to 100 PSI pressure regulation.		
32 84 23 00-0074	EA	1", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Hunter IBV-101G-B-FS)	502.70	61.87
32 84 23 00-0075	EA	1-1/2", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Hunter IBV-151G-B-FS)	771.72	61.87
32 84 23 00-0076	EA	2", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Hunter IBV-201G-B-FS)	794.77	61.87
32 84 23 00-0077	EA	3", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Hunter IBV-301G-B-FS)	1,673.54	61.87
32 84 23 00-0078		**0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV ACCU-SYNC Series)** *(32 84 23 00-0041)*		
		Note: 20 to 200 PSI operating range pressure and 20 to 100 PSI pressure regulation.		
32 84 23 00-0079	EA	1", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV-101G-B ACCU-SYNC-ADJ)	513.03	55.05
32 84 23 00-0080	EA	1-1/2", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV-151G-B ACCU-SYNC-ADJ)	739.77	55.05
32 84 23 00-0081	EA	2", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV-201G-B ACCU-SYNC-ADJ)	760.27	55.05
32 84 23 00-0082	EA	3", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV-301G-B ACCU-SYNC-ADJ)	1,663.91	74.31
32 84 23 00-0083		**5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valves With Pressure Regulator (Rain Bird® EFB-CP PRS-D Series)** *(32 84 23 00-0041)*		
		Note: 15 to 200 PSI operating range pressure and 15 to 100 PSI pressure regulation.		
32 84 23 00-0084	EA	1", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 100EFB-CP PRS-D)	481.65	61.87
32 84 23 00-0085	EA	1-1/4", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 125EFB-CP PRS-D)	549.08	61.87
32 84 23 00-0086	EA	1-1/2", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 150EFB-CP PRS-D)	622.28	61.87
32 84 23 00-0087	EA	2", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 200EFB-CP PRS-D)	718.66	61.87
32 84 23 00-0088		**0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV FS ACCU-SYNC Series)** *(32 84 23 00-0041)*		
		Note: 20 to 200 PSI operating range pressure and 20 to 100 PSI pressure regulation.		
32 84 23 00-0089	EA	1", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Hunter IBV-101G-B-FS ACCU-SYNC-ADJ)	605.18	61.87
32 84 23 00-0090	EA	1-1/2", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Hunter IBV-151G-B-FS ACCU-SYNC-ADJ)	874.20	61.87
32 84 23 00-0091	EA	2", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Hunter IBV-201G-B-FS ACCU-SYNC-ADJ)	897.25	61.87
32 84 23 00-0092	EA	3", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Hunter IBV-301G-B-FS ACCU-SYNC-ADJ)	1,776.02	61.87
32 84 23 00-0093		**Other Electric Remote Control Valves/Accessories** *(32 84 23 00-0041)*		
32 84 23 00-0094	EA	Pressure Regulator Module For Electric Remote Control Valves (Rain Bird® PRS-DIAL)	149.71	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0095		**Irrigation Valve Boxes** *(32 84 23)* Note: Includes lid.		
32 84 23 00-0096	EA	6" Round Irrigation Valve Box With Lid (Rain Bird® PVB-6RND)	93.58	39.63
32 84 23 00-0097	EA	7" Round Irrigation Valve Box With Lid (Rain Bird® VB-7RND)	110.22	39.63
32 84 23 00-0098	EA	10" Round Irrigation Valve Box With Lid (Rain Bird® VB-10RND)	144.56	52.18
32 84 23 00-0099	EA	21.8" x 16.6" x 12" Depth, Rectangular Irrigation Valve Box With Lid (Rain Bird® VB-STD)	246.17	76.18
32 84 23 00-0100	EA	21.8" x 16.6" x 12" Depth, Rectangular Irrigation Valve Box With Lock (Rain Bird® VB-STDH)	251.49	76.18
32 84 23 00-0101	EA	26.3" x 19.8" x 12.1" Depth, Rectangular Irrigation Valve Box With Lid (Rain Bird® VB-JMB)	289.66	76.18
32 84 23 00-0102	EA	26.3" x 19.8" x 12.1" Depth, Rectangular Irrigation Valve Box With Lock (Rain Bird® VB-JMBH)	294.20	76.18
32 84 23 00-0103	EA	33.1" x 23.8" x 15" Depth, Rectangular Irrigation Valve Box With Lock (Rain Bird® VB-SPRH)	512.30	76.18
32 84 23 00-0104	EA	40.3" x 27.1" x 18" Depth, Rectangular Irrigation Valve Box With Lock (Rain Bird® VB-MAXH)	794.79	76.18
32 84 23 00-0105		**Irrigation Controllers** *(32 84 23)*		
32 84 23 00-0106		**Irrigation Controllers** *(32 84 23 00-0105)*		
32 84 23 00-0107		**Irrigation Controllers (Rain Bird®)** *(32 84 23 00-0106)*		
32 84 23 00-0108		**Four Program, Indoor Mount, Modular Irrigation Controllers (Rain Bird® ESP Series)** *(32 84 23 00-0107)*		
32 84 23 00-0109		**Four Program, Modular Irrigation Controllers (Rain Bird® ESP-ME Series)** *(32 84 23 00-0108)*		
32 84 23 00-0110		**Four Program, Indoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-MEI Series)** *(32 84 23 00-0109)*		
32 84 23 00-0111	EA	4-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series)	430.10	41.21
32 84 23 00-0112	EA	7-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series)	600.93	41.21
32 84 23 00-0113	EA	10-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series)	771.78	41.21
32 84 23 00-0114	EA	13-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series)	942.62	41.21
32 84 23 00-0115	EA	16-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series)	1,072.27	41.21
32 84 23 00-0116	EA	19-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series)	1,248.27	41.21
32 84 23 00-0117	EA	22-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series)	1,424.27	41.21
32 84 23 00-0118		**Four Program, Outdoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-ME Series)** *(32 84 23 00-0109)*		
32 84 23 00-0119	EA	4-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series)	502.17	41.21
32 84 23 00-0120	EA	7-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series)	673.01	41.21
32 84 23 00-0121	EA	10-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series)	843.86	41.21
32 84 23 00-0122	EA	13-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series)	1,014.70	41.21
32 84 23 00-0123	EA	16-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series)	1,144.35	41.21
32 84 23 00-0124	EA	19-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series)	1,320.35	41.21
32 84 23 00-0125	EA	22-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series)	1,496.34	41.21
32 84 23 00-0126		**Four Program, Modular Irrigation Controllers (Rain Bird® ESP-SMTE Series)** *(32 84 23 00-0108)*		
32 84 23 00-0127		**Four Program, Indoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-SMTEI Series)** *(32 84 23 00-0126)*		
32 84 23 00-0128	EA	4-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series)	680.46	41.21
32 84 23 00-0129	EA	7-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series)	851.29	41.21
32 84 23 00-0130	EA	10-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series)	1,022.14	41.21
32 84 23 00-0131	EA	13-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series)	1,192.99	41.21
32 84 23 00-0132	EA	16-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series)	1,322.64	41.21
32 84 23 00-0133	EA	19-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series)	1,498.64	41.21
32 84 23 00-0134	EA	22-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series)	1,674.63	41.21
32 84 23 00-0135		**Four Program, Outdoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-SMTE Series)** *(32 84 23 00-0126)*		
32 84 23 00-0136	EA	4-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series)	734.47	41.21
32 84 23 00-0137	EA	7-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series)	905.30	41.21
32 84 23 00-0138	EA	10-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series)	1,076.15	41.21
32 84 23 00-0139	EA	13-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series)	1,246.99	41.21
32 84 23 00-0140	EA	16-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series)	1,376.64	41.21
32 84 23 00-0141	EA	19-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series)	1,552.64	41.21
32 84 23 00-0142	EA	22-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series)	1,728.63	41.21
32 84 23 00-0143		**Accessories For ESP-ME/MEI Irrigation Controllers** *(32 84 23 00-0108)*		
32 84 23 00-0144	EA	3-Station Expansion Module For ESP Series Irrigation Controllers (Rain Bird® ESP-SM3) Note: Use task for increasing capacity of existing ESP series irrigation controllers up to a maximum of 22-stations.	175.99	
32 84 23 00-0145	EA	6-Station Expansion Module For ESP Series Irrigation Controllers (Rain Bird® ESP-SM6) Note: Use task for increasing capacity of existing ESP series irrigation controllers up to a maximum of 22-stations.	336.96	
32 84 23 00-0146	EA	Smart Controller Upgrade Kit For ESP Series Irrigation Controllers (Rain Bird® ESPSMTEUPG)	469.43	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0147		Four Program, Indoor/Outdoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-LX Series) *(32 84 23 00-0107)*		
32 84 23 00-0148		Four Program, Indoor/Outdoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-LX Basic Series) *(32 84 23 00-0147)*		
32 84 23 00-0149	EA	12-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	1,015.92	41.21
32 84 23 00-0150	EA	16-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	1,230.97	41.21
32 84 23 00-0151	EA	20-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	1,449.51	41.21
32 84 23 00-0152	EA	24-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	1,664.55	41.21
32 84 23 00-0153	EA	28-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	1,883.09	41.21
32 84 23 00-0154	EA	32-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	2,098.15	41.21
32 84 23 00-0155	EA	36-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	2,316.69	41.21
32 84 23 00-0156	EA	40-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	2,531.73	41.21
32 84 23 00-0157	EA	44-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	2,750.28	41.21
32 84 23 00-0158	EA	48-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	2,965.33	41.21
32 84 23 00-0159		Four Program, Indoor/Outdoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-LXME Series) *(32 84 23 00-0147)*		
32 84 23 00-0160	EA	8-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	1,010.60	41.21
32 84 23 00-0161	EA	12-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	1,225.64	41.21
32 84 23 00-0162	EA	16-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	1,444.19	41.21
32 84 23 00-0163	EA	20-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	1,659.24	41.21
32 84 23 00-0164	EA	24-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	1,877.78	41.21
32 84 23 00-0165	EA	28-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	2,092.82	41.21
32 84 23 00-0166	EA	32-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	2,311.37	41.21
32 84 23 00-0167	EA	36-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	2,526.41	41.21
32 84 23 00-0168	EA	40-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	2,744.95	41.21
32 84 23 00-0169	EA	44-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	2,960.01	41.21
32 84 23 00-0170	EA	48-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	3,178.55	41.21
32 84 23 00-0171		Accessories For ESP-LX/LXME Irrigation Controllers *(32 84 23 00-0147)*		
32 84 23 00-0172	EA	Powder Coated Steel Wall Cabinet For ESP-LX/LXME Irrigation Controllers (Rain Bird® LXMM)	740.92	
32 84 23 00-0173	EA	Powder Coated Steel Cabinet And Pedestal For ESP-LX/LXME Irrigation Controllers (Rain Bird® LXMMPED + LXMM) Note: Excludes concrete foundation.	1,717.79	
32 84 23 00-0174	EA	Stainless Steel Wall Cabinet For ESP-LX/LXME Irrigation Controllers (Rain Bird® LXMMSS)	1,623.52	
32 84 23 00-0175	EA	Stainless Steel Cabinet And Pedestal For ESP-LX/LXME Irrigation Controllers (Rain Bird® LXMMSSPED + LXMMSS) Note: Excludes concrete foundation.	3,605.34	
32 84 23 00-0176	EA	4-Station Expansion Module For ESP-LX/LXME Irrigation Controllers (Rain Bird® ESPLXMSM4) Note: Use task for increasing capacity of existing ESP-LX/LXME irrigation controllers up to a maximum of 48-stations.	215.04	
32 84 23 00-0177	EA	8-Station Expansion Module For ESP-LX/LXME Irrigation Controllers (Rain Bird® ESPLXMSM8) Note: Use task for increasing capacity of existing ESP-LX/LXME irrigation controllers up to a maximum of 48-stations.	433.60	
32 84 23 00-0178	EA	12-Station Expansion Module For ESP-LX/LXME Irrigation Controllers (Rain Bird® ESPLXMSM12) Note: Use task for increasing capacity of existing ESP-LX/LXME irrigation controllers up to a maximum of 48-stations.	672.67	
32 84 23 00-0179	EA	Flow Smart Water Management Module For ESP-LXME Irrigation Controllers (Rain Bird® FSM-LXME)	248.43	
32 84 23 00-0180		Three Program, Battery-Operated, Buriable Irrigation Control Modules (Rain Bird® TBOS-II Series) *(32 84 23 00-0107)*		
32 84 23 00-0181		Three Program, Battery-Operated, Buriable Irrigation Control Modules (Rain Bird® TBOS-II Series) *(32 84 23 00-0180)*		
32 84 23 00-0182	EA	1-Station, Three Program, Battery-Operated, Buriable Irrigation Control Module (Rain Bird® TBOS-II Series)	490.63	41.21
32 84 23 00-0183	EA	2-Station, Three Program, Battery-Operated, Buriable Irrigation Control Module (Rain Bird® TBOS-II Series)	593.00	41.21
32 84 23 00-0184	EA	4-Station, Three Program, Battery-Operated, Buriable Irrigation Control Module (Rain Bird® TBOS-II Series)	738.32	41.21
32 84 23 00-0185		Accessories For TBOS-II Series Irrigation Controllers *(32 84 23 00-0180)*		
32 84 23 00-0186	EA	Field Transmitter For TBOS-II Series Irrigation Controllers (Rain Bird® TBOS2FTUS)	611.70	
32 84 23 00-0187	EA	Potted Latching Solenoid For TBOS-II Series Irrigation Controllers (Rain Bird® TBOSPSOL)	124.91	30.90
32 84 23 00-0188		Accessories For Irrigation Controllers (Rain Bird®) *(32 84 23 00-0107)*		
32 84 23 00-0189	EA	Wired Rain Sensor For Irrigation Controllers (Rain Bird® RSDBEX)	181.28	30.90
32 84 23 00-0190	EA	Wireless Rain Sensor And Controller Interface For Irrigation Controllers (Rain Bird® WR2RC)	368.55	30.90
32 84 23 00-0191	EA	Wireless Rain/Freeze Sensor And Controller Interface For Irrigation Controllers (Rain Bird® WR2RFC)	389.52	30.90
32 84 23 00-0192	EA	Soil Moisture Sensor And Controller Interface For Irrigation Controllers (Rain Bird® SMRT-Y)	571.28	30.90
32 84 23 00-0193		Two-Wire Decoder Systems *(32 84 23 00-0105)*		
32 84 23 00-0194		Two-Wire Decoder Systems (Rain Bird®) *(32 84 23 00-0193)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0195		**Controllers For Two-Wire Decoder Systems (Rain Bird® ESP-LXD Series)** *(32 84 23 00-0194)*		
		Note: Includes water resistant cabinet.		
32 84 23 00-0196	EA	50-Station, Modular Controller For Two-Wire Decoder Systems (Rain Bird® ESP-LXD Series)	2,908.49	41.21
32 84 23 00-0197	EA	125-Station, Modular Controller For Two-Wire Decoder Systems (Rain Bird® ESP-LXD Series)	4,171.33	41.21
32 84 23 00-0198	EA	200-Station, Modular Controller For Two-Wire Decoder Systems (Rain Bird® ESP-LXD Series)	5,434.17	41.21
32 84 23 00-0199		**Field Decoders For Two-Wire Decoder Systems (Rain Bird®)** *(32 84 23 00-0194)*		
32 84 23 00-0200	EA	One Individual Valve Interface, Field Decoder For Two-Wire Decoder System (Rain Bird® FD101TURF)	358.46	41.21
32 84 23 00-0201	EA	One Pair Of Valves Interface, Field Decoder For Two-Wire Decoder System (Rain Bird® FD102TURF)	455.97	41.21
32 84 23 00-0202	EA	Two Pair Of Valves Interface, Field Decoder For Two-Wire Decoder System (Rain Bird® FD202TURF)	681.36	41.21
32 84 23 00-0203	EA	Up To Four Individual Valves Interface, Field Decoder For Two-Wire Decoder System (Rain Bird® FD401TURF)	829.52	41.21
32 84 23 00-0204	EA	Up To Six Individual Valves Interface, Field Decoder For Two-Wire Decoder System (Rain Bird® FD601TURF)	1,370.18	41.21
32 84 23 00-0205		**Accessories For Two-Wire Decoder Systems (Rain Bird®)** *(32 84 23 00-0194)*		
32 84 23 00-0206	EA	50-Station Replacement Base Module For ESP-LXD Series Two Wire Decoder Based Controllers (Rain Bird® MOD50-LXD)	2,165.07	
32 84 23 00-0207	EA	75-Station Expansion Module For ESP-LXD Series Two Wire Decoder Based Controllers (Rain Bird® SPLXDSM75)	1,262.83	
32 84 23 00-0208	EA	Line Surge Protection For ESP-LXD Series Two-Wire Decoder Systems (Rain Bird® LSP1TURF)	271.15	36.05
32 84 23 00-0209	EA	Sensor Decoder Interface For ESP-LXD Series Two-Wire Decoder Systems (Rain Bird® SD210TURF)	1,212.81	41.21
32 84 23 00-0210		**Calsense Controllers** *(32 84 23 00-0105)*		
32 84 23 00-0211		**Irrigation Controllers** *(32 84 23 00-0210)*		
32 84 23 00-0212	EA	6 Station ET-Driven Irrigation Controller (Calsense ET2000E-6)	2,905.66	103.00
32 84 23 00-0213	EA	8 Station ET-Driven Irrigation Controller (Calsense ET2000E-8)	3,747.59	115.88
32 84 23 00-0214	EA	12 Station ET-Driven Irrigation Controller (Calsense ET2000E-12)	5,142.00	128.76
32 84 23 00-0215	EA	16 Station ET-Driven Irrigation Controller (Calsense ET2000E-16)	5,656.82	128.76
32 84 23 00-0216	EA	24 Station ET-Driven Irrigation Controller (Calsense ET2000E-24)	6,687.08	141.63
32 84 23 00-0217	EA	32 Station ET-Driven Irrigation Controller (Calsense ET2000E-32)	8,068.29	141.63
32 84 23 00-0218	EA	40 Station ET-Driven Irrigation Controller (Calsense ET2000E-40)	9,136.24	154.51
32 84 23 00-0219	EA	48 Station ET-Driven Irrigation Controller (Calsense ET2000E-48)	10,228.66	154.51
32 84 23 00-0220	EA	Upgrade Existing Calsense Controller To ET2000E (Calsense ET2000E-UPGRADE)	2,956.75	51.51
32 84 23 00-0221	EA	Upgrade Existing Calsense Controller With 8 Additional Stations (Calsense STATION UPGRADE)	1,244.50	51.51
32 84 23 00-0222		**Irrigation Controller Accessories** *(32 84 23 00-0210)*		
32 84 23 00-0223	EA	Set Of 10 Keys For Calsense Controllers Or Enclosures (Calsense KEY-1)	120.54	
32 84 23 00-0224	EA	Spare Lock For Enclosures (Calsense PAD)	130.59	
32 84 23 00-0225	EA	Hardware And Software For Up To 4 Additional Light Circuits (Calsense L)	156.34	12.88
32 84 23 00-0226	EA	Transformer For Irrigation Controllers (Calsense TR-1)	228.56	51.51
32 84 23 00-0227	EA	AC Line Protection For Irrigation Controllers (Calsense TP-110)	617.82	51.51
32 84 23 00-0228	EA	Transient Protection Board For Irrigation Controller Stations (Calsense TP-1)	818.72	51.51
		For Outdoor Gray Powder Coated Stainless Steel Enclosure, Add	*372.19*	
32 84 23 00-0229		**Sensors For Irrigation Controllers** *(32 84 23 00-0210)*		
32 84 23 00-0230		**Flow Sensors** *(32 84 23 00-0229)*		
32 84 23 00-0231	EA	1-1/2" Polyvinyl Chloride (PVC) Schedule 80 Tee Mounted Flow Meter (Calsense FM 1.5)	1,435.27	77.26
		For Flow Meter Replacement Insert Only, Deduct	*-1,037.26*	
32 84 23 00-0232	EA	2" Polyvinyl Chloride (PVC) Schedule 80 Tee Mounted Flow Meter (Calsense FM 2)	1,485.50	77.26
		For Flow Meter Replacement Insert Only, Deduct	*-1,087.49*	
32 84 23 00-0233	EA	3" Polyvinyl Chloride (PVC) Schedule 80 Tee Mounted Flow Meter (Calsense FM 3)	1,535.73	77.26
		For Flow Meter Replacement Insert Only, Deduct	*-1,137.72*	
32 84 23 00-0234	EA	1" Brass Tee Mounted Flow Meter (Calsense FM 1B)	1,700.23	103.00
		For Flow Meter Replacement Insert Only, Deduct	*-1,301.91*	
32 84 23 00-0235	EA	1-1/4" Brass Tee Mounted Flow Meter (Calsense FM 1.25B)	1,825.80	103.00
		For Flow Meter Replacement Insert Only, Deduct	*-1,427.48*	
32 84 23 00-0236	EA	1-1/2" Brass Tee Mounted Flow Meter (Calsense FM 1.5B)	1,876.02	103.00
		For Flow Meter Replacement Insert Only, Deduct	*-1,477.70*	
32 84 23 00-0237	EA	2" Brass Tee Mounted Flow Meter (Calsense FM 2B)	2,202.49	103.00
		For Flow Meter Replacement Insert Only, Deduct	*-1,675.99*	
32 84 23 00-0238	EA	2" Pipe Saddle Mounted Insertion Flow Meter (Calsense FMBX)	1,710.23	51.51
		Note: For 4" and larger pipe. Excludes pipe saddle.		
		For Flow Meter Replacement Insert Only, Deduct	*-1,183.73*	
32 84 23 00-0239		**Moisture Sensors** *(32 84 23 00-0229)*		
32 84 23 00-0240	EA	Soil Moisture Sensor (Calsense 1000-S)	604.63	38.63
32 84 23 00-0241		**Weather Sensors** *(32 84 23 00-0229)*		
32 84 23 00-0242	EA	Wind Gage, Irrigation Weather Sensor (Calsense WG-1)	1,650.01	103.00
32 84 23 00-0243	EA	Tipping Rain Bucket, Irrigation Weather Sensor (Calsense RB-1)	1,906.25	206.01
32 84 23 00-0244	EA	ET Gage, Irrigation Weather Sensor (Calsense ETG)	3,762.06	154.51

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32 84 23 00-0245		**Weather Sensor Accessories** *(32 84 23 00-0229)*		
32 84 23 00-0246	EA	Ceramic Cup For ET Gage Weather Sensor (Calsense ETG-C)	1,107.52	
32 84 23 00-0247	EA	Removal And Replacement Of Circuit Board For ET Gage Weather Sensor (Calsense ETG-PCB)	2,086.93	
32 84 23 00-0248	EA	Vandal Resistant Mounting Base For ET Gage Enclosure (Calsense ETGE-BASE)	1,107.52	51.51
32 84 23 00-0249	EA	Vandal Resistant Stainless Steel Enclosure For ET Gage (Calsense ETGE)	2,550.25	51.51
32 84 23 00-0250		**Antennas For Irrigation Controllers** *(32 84 23 00-0210)* Note: Excludes antenna cable.		
32 84 23 00-0251	EA	Local Radio Dome Antenna (Calsense LR-DOME)	580.15	51.51
32 84 23 00-0252	EA	Local Radio Stick Antenna (Calsense LR-STICK)	843.83	51.51
32 84 23 00-0253	EA	Local Radio Yagi Antenna (Calsense LR-YAGI)	946.84	103.00
32 84 23 00-0254	EA	Local Radio And Calsense Radio, Remote Dome Antenna (Calsense LR-DOME-RR)	580.15	51.51
32 84 23 00-0255	EA	Local Radio And Calsense Radio, Enhanced Remote Dome Antenna (Calsense LR-DOME-RRE)	580.15	51.51
32 84 23 00-0256	EA	GPRS Stubby Antenna (Calsense GR-STUBBY)	580.15	51.51
32 84 23 00-0257	EA	GPRS Stick Antenna (Calsense GR-STICK)	843.83	51.51
32 84 23 00-0258	EA	Spread Spectrum Dome Antenna (Calsense SR-DOME)	580.15	51.51
32 84 23 00-0259	EA	Spread Spectrum Stick Antenna (Calsense SR-STICK)	843.83	51.51
32 84 23 00-0260	EA	Spread Spectrum Yagi Antenna (Calsense SR-YAGI)	946.84	103.00
32 84 23 00-0261	EA	Spread Spectrum And Calsense Radio, Remote Dome Antenna (Calsense SR-DOME-RR)	580.15	51.51
32 84 23 00-0262	EA	Spread Spectrum And Calsense Radio, Enhanced Remote Dome Antenna (Calsense SR-DOME-RRE)	580.15	51.51
32 84 23 00-0263	EA	Spread Spectrum Stubby Antenna (Calsense SR-STUBBY)	580.15	51.51
32 84 23 00-0264	EA	WiFi Stubby Antenna (Calsense WEN-STUBBY)	580.15	51.51
32 84 23 00-0265	LF	Antenna Cable With End Connectors (Calsense LMR-400-DB)	15.80	0.62
32 84 23 00-0266	EA	Surge Protection Device For Antenna (Calsense ANT-PROT)	578.88	25.75
32 84 23 00-0267	EA	5' High, Non-Penetrating, Antenna Tripod Mount (Calsense ANT-TRIP5)	944.29	51.51
32 84 23 00-0268	EA	3' Antenna Stand Off Mount For 3" Maximum Tower Leg (Calsense ANT-SOM)	816.17	
32 84 23 00-0269	EA	Local Radio Frequency Filter (Calsense LR-FILTER)	1,155.20	
32 84 23 00-0270	EA	Spread Spectrum Frequency Filter (Calsense SR-FILTER)	853.84	
32 84 23 00-0271		**Pedestals And Enclosures For Irrigation Controllers** *(32 84 23 00-0210)*		
32 84 23 00-0272	EA	15 Amperes, Circuit Breaker With Enclosure For Irrigation Controllers (Calsense SSE-BREAKER)	531.21	77.26
32 84 23 00-0273	EA	Standard Gray Powder Coated Stainless Steel Controller Enclosure (Calsense C-BOX)	1,284.87	128.76
32 84 23 00-0274	EA	Indoor Wall Mount, Stainless Steel Back Panel (Calsense SSBP) Note: Includes GFI and receptacle.	1,421.43	51.51
32 84 23 00-0275	EA	Standard Gray Powder Coated Stainless Steel Pedestal (Calsense PD-1) Note: Includes factory installed transient protection board and AC line protection.	1,697.05	38.63
32 84 23 00-0276	EA	Heavy-Duty Stainless Steel Enclosure For Irrigation Controllers (Calsense SSE) Note: Includes factory installed transient protection board and AC line protection.	5,315.03	38.63
32 84 23 00-0277	EA	Heavy-Duty Stainless Steel Enclosure For Irrigation Controllers (Calsense SSE-R) Note: Includes factory installed transient protection board, AC line protection and dome antenna.	6,003.93	38.63
32 84 23 00-0278	EA	Double-Wide Heavy-Duty Stainless Steel Enclosure For Irrigation Controllers (Calsense SSE-D) Note: Includes factory installed transient protection boards and AC line protection. Pre-wired for two controllers.	8,712.34	77.26
32 84 23 00-0279	EA	Double-Wide Heavy-Duty Stainless Steel Enclosure For Irrigation Controllers (Calsense SSE-D-R) Note: Includes factory installed transient protection boards, AC line protection and dome antenna. Pre-wired for two controllers.	9,131.84	77.26
32 84 23 00-0280	EA	Bolt Mounting Template For Heavy-Duty Stainless Steel Enclosures (Calsense SSE-CAM)	299.71	
32 84 23 00-0281	EA	Stainless Steel Fully Enclosed Riser For Calsense SSE Enclosures (Calsense SSE-PED)	968.77	
32 84 23 00-0282		**Central Computer For Irrigation Control Systems** *(32 84 23 00-0210)*		
32 84 23 00-0283	EA	Central Computer For Irrigation Control Systems (Calsense COMP-2) Note: Includes a minimum of 133 MHz Pentium, 32 Meg Ram, 1.2 GB hard drive, 14.4 modem and a printer. Excludes Command Center Water Management software.	6,700.87	
32 84 23 00-0284	EA	Command Center Water Management Software For Central Computer (Calsense COMM-1)	11,860.45	
32 84 23 00-0285	EA	Up To 5 Simultaneous Users Capacity, Calsense Advantage Client/Server Database Add-On (Calsense CS-5) Note: Package price for up to 5 users. Includes remote communication through internet connection.	2,277.43	
32 84 23 00-0286	EA	>5 To 10 Simultaneous Users Capacity, Calsense Advantage Client/Server Database Add-On (Calsense CS-10) Note: Package price for 6 to 10 users. Includes remote communication through internet connection.	4,482.75	
32 84 23 00-0287	EA	Data Logger With Phone Modem For Irrigation Control Systems (Calsense DL-2)	7,217.20	
32 84 23 00-0288	EA	GPRS Radio For Use At Central Computer (Calsense DTR-G)	4,314.87	
32 84 23 00-0289		**Data Access Service** *(32 84 23 00-0210)*		
32 84 23 00-0290	EA	1 Month, Data Access Plan For Up To 2 Controllers (Calsense COMM-1MN) Note: For communication between GPRS unit and up to 2 controllers.	36.53	
32 84 23 00-0291	EA	1 Year, Data Access Plan For Up To 2 Controllers (Calsense COMM-1YR) Note: For communication between GPRS unit and up to 2 controllers.	399.52	
32 84 23 00-0292	EA	5 Year, Data Access Plan For Up To 2 Controllers (Calsense COMM-5YR) Note: For communication between GPRS unit and up to 2 controllers.	1,712.25	
32 84 23 00-0293	EA	1 Month, Data Access Plan For Up To 2 Controllers (Calsense COMM-1MN-M) Note: For communication between GPRS unit and multiple controllers.	148.40	
32 84 23 00-0294	EA	1 Year, Data Access Plan For Up To 2 Controllers (Calsense COMM-1YR-M) Note: For communication between GPRS unit and multiple controllers.	1,598.10	
32 84 23 00-0295	EA	5 Year, Data Access Plan For Up To 2 Controllers (Calsense COMM-5YR-M) Note: For communication between GPRS unit and multiple controllers.	6,849.00	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0296		**Communication Options For Irrigation Controllers** *(32 84 23 00-0210)*		
32 84 23 00-0297	EA	FCC License Fee (Calsense)	245.57	
32 84 23 00-0298	EA	P.C.I.A. And/or A.P.C.O. Fee (Calsense) Note: Per frequency or frequency pair.	473.87	
32 84 23 00-0299	EA	Hardware Communication Option For Irrigation Controllers (Calsense M) Note: Allows multiple controllers to be chained together via a communications cable and share one phone line.	1,324.14	
32 84 23 00-0300	EA	Phone Line Communication Option For Irrigation Controllers (Calsense R)	1,392.63	
32 84 23 00-0301	EA	Ethernet Communication Option For Irrigation Controllers (Calsense EN)	1,392.63	
32 84 23 00-0302	EA	WiFi Communication Option For Irrigation Controllers (Calsense WEN)	2,853.75	
32 84 23 00-0303	EA	Local Radio Communication Option For Irrigation Controllers (Calsense LR)	3,629.97	
32 84 23 00-0304	EA	Spread Spectrum Radio Communication Option For Irrigation Controllers (Calsense SR)	3,629.97	
32 84 23 00-0305	EA	GPRS Radio Modem Communication Option For Irrigation Controllers (Calsense GR)	3,629.97	
32 84 23 00-0306	EA	Fiber Optic Modem Communication Option For Irrigation Controllers (Calsense FOM)	11,643.30	
32 84 23 00-0307	EA	Communication Hub For Irrigation Controllers (Calsense HUB) Note: Accepts up to two communication options. Excludes communication options.	4,486.24	
32 84 23 00-0308		**Retrofit Options For Irrigation Controllers** *(32 84 23 00-0210)*		
32 84 23 00-0309		**Weather Retrofits For Irrigation Controllers** *(32 84 23 00-0308)*		
32 84 23 00-0310	EA	Add One Flow Sensor Interface To An Existing Calsense Controller (Calsense F-RETRO)	1,781.00	
32 84 23 00-0311	EA	Add One ET Gage Interface To An Existing Calsense Controller (Calsense G-RETRO)	1,781.00	
32 84 23 00-0312	EA	Add One Tipping Rain Bucket Interface To An Existing Calsense Controller (Calsense RB-RETRO)	1,781.00	
32 84 23 00-0313	EA	Add One Wind Gage Interface To An Existing Calsense Controller (Calsense WG-RETRO)	1,781.00	
32 84 23 00-0314		**Phone Communication Retrofits For Irrigation Controllers** *(32 84 23 00-0308)*		
32 84 23 00-0315	EA	Add The Ability To Chain To Another Calsense Controller With The Phone Line Communication Option And Share One Phone Line (Calsense M-RETRO)	1,872.32	
32 84 23 00-0316	EA	Add The Phone Line Communication Option To An Existing Calsense Controller (Calsense R-RETRO)	2,214.78	
32 84 23 00-0317	EA	Add The Phone Line Communication Option And The Ability To Chain To Another Calsense Controller And Share One Phone Line (Calsense MLR-RETRO)	3,550.33	
32 84 23 00-0318		**Local Radio Communication Retrofits For Irrigation Controllers** *(32 84 23 00-0308)*		
32 84 23 00-0319	EA	Add The Ability To Chain To Another Calsense Controller With The Local Radio Communication Option And Share One Local Radio (Calsense ML-RETRO)	2,100.62	
32 84 23 00-0320	EA	Add The Local Radio Communication Option To An Existing Calsense Controller (Calsense LR-RETRO)	4,429.28	
32 84 23 00-0321	EA	Add The Local Radio Communication Option And The Ability To Chain To Another Calsense Controller And Share One Local Radio (Calsense MLR-RETRO)	5,753.42	
32 84 23 00-0322		**Spread Spectrum Radio Communication Retrofits For Irrigation Controllers** *(32 84 23 00-0308)*		
32 84 23 00-0323	EA	Add The Ability To Chain To Another Calsense Controller With The Spread Spectrum Radio Communication Option And Share One Spread Spectrum Radio (Calsense MS-Retro)	2,100.62	
32 84 23 00-0324	EA	Add The Spread Spectrum Radio Communication Option To An Existing Calsense Controller (Calsense SR-RETRO)	4,429.28	
32 84 23 00-0325	EA	Add The Spread Spectrum Radio Communication Option And The Ability To Chain To Another Calsense Controller And Share One Spread Spectrum Radio (Calsense MSR-RETRO)	5,753.42	
32 84 23 00-0326		**Ethernet Communication Retrofits For Irrigation Controllers** *(32 84 23 00-0308)*		
32 84 23 00-0327	EA	Add The Ability To Chain To Another Calsense Controller With The Ethernet Communication Option And Share One Ethernet Device (Calsense ME-Retro)	2,100.62	
32 84 23 00-0328	EA	Add The Ethernet Communication Option To An Existing Calsense Controller (Calsense EN-RETRO)	2,214.78	
32 84 23 00-0329	EA	Add The Ethernet Communication Option And The Ability To Chain To Another Calsense Controller And Share One Ethernet Device (Calsense MEN-RETRO)	3,550.33	
32 84 23 00-0330		**GPRS Radio Modem Communication Retrofits For Irrigation Controllers** *(32 84 23 00-0308)*		
32 84 23 00-0331	EA	Add The Ability To Chain To Another Calsense Controller With The GPRS Communication Option And Share One GPRS Modem (Calsense MG-RETRO)	2,100.62	
32 84 23 00-0332	EA	Add The GPRS Communication Option To An Existing Calsense Controller (Calsense GR-RETRO)	4,429.28	
32 84 23 00-0333	EA	Add The GPRS Communication Option And The Ability To Chain To Another Calsense Controller And Share One GPRS Modem (Calsense MGR-RETRO)	5,753.42	
32 84 23 00-0334		**Radio Remote Units For Irrigation Controllers** *(32 84 23 00-0210)*		
32 84 23 00-0335	EA	Enhanced Radio Remote Hand-Held Transmitter With Carry Case (Calsense RRe-TRAN)	2,112.04	
32 84 23 00-0336	EA	Calsense Integrated Radio Remote Receiver Board (Calsense RR/RRe) Note: Includes polyvinyl chloride (PVC) stick antenna. Excludes antenna cable.	452.03	
32 84 23 00-0337	EA	Wall Mount Charger For Hand-Held Transmitter (Calsense RRTRAN-CHG)	194.06	
32 84 23 00-0338	EA	Removal And Replacement Of Battery For Hand-Held Transmitter (Calsense RRTRAN-BAT)	345.37	
32 84 23 00-0339	EA	Polyvinyl Chloride (PVC) Stick Antenna For Radio Remote Receiver Board (Calsense RR-ANT) Note: Excludes antenna cable.	219.81	12.88
32 84 23 00-0340	EA	Whip Antenna For Radio Remote Receiver Board (Calsense RRe-WHIP) Note: Excludes antenna cable.	425.27	12.88
32 84 23 00-0341	EA	Dome Antenna For Radio Remote Receiver Board (Calsense RR-Dome/RRe-Dome) Note: Excludes antenna cable.	459.52	12.88

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0342		**Satellite Irrigation Controllers (Rain Bird® ESP-SAT)** *(32 84 23 00-0105)* Note: Satellite controllers compatible with Maxi-Con Central Control. Includes link communication with SEMET at the controller and stainless steel cabinet. Excludes concrete pad.		
32 84 23 00-0343	EA	12 Station, Satellite Irrigation Controller With Stainless Steel Cabinet (Rain Bird® RBESP12SATLS)	4,960.47	231.77
32 84 23 00-0344	EA	24 Station, Satellite Irrigation Controller With Stainless Steel Cabinet (Rain Bird® RBESP24SATLS)	5,231.28	244.64
32 84 23 00-0345	EA	40 Station, Satellite Irrigation Controller With Stainless Steel Cabinet (Rain Bird® RBESP40SATLS)	7,261.14	257.52
32 84 23 00-0346		**Irrigation Valves** *(32 84 23)*		
32 84 23 00-0347		**Reduced Pressure Zone Valves With QT Shut-Offs** *(32 84 23 00-0346)* Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and captured spring assemblies (Watts 009 QT series).		
32 84 23 00-0348	EA	3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M3 QT series)	912.23	45.43
32 84 23 00-0349	EA	1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	1,081.88	55.48
32 84 23 00-0350	EA	1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	1,640.98	64.56
32 84 23 00-0351	EA	1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	1,733.29	74.12
32 84 23 00-0352	EA	2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	2,077.44	95.64
32 84 23 00-0353		**Brass Quick-Coupling Irrigation Valves** *(32 84 23 00-0346)*		
32 84 23 00-0354	EA	3/4", 1-Piece Brass Body, Quick-Coupling Irrigation Valve (Rain Bird® 3RC)	178.25	39.63
		For Valve Key, Add	*51.78*	
32 84 23 00-0355	EA	3/4", 2-Piece Brass Body, Quick-Coupling Irrigation Valve (Rain Bird® 33DRC)	184.24	39.63
		For Locking Cover, Add	*25.00*	
		For Valve Key, Add	*51.78*	
32 84 23 00-0356	EA	1", 1-Piece Brass Body, Quick-Coupling Irrigation Valve (Rain Bird® 44RC)	250.12	39.63
		For Valve Key, Add	*132.46*	
32 84 23 00-0357	EA	1", 2-Piece Brass Body, Quick-Coupling Irrigation Valve (Rain Bird® 44LRC)	274.07	39.63
		For Valve Key, Add	*132.46*	
32 84 23 00-0358	EA	1", 1-Piece Brass Body, Non-Potable (Purple) Quick-Coupling Irrigation Valve (Rain Bird® 5NP)	262.80	39.63
32 84 23 00-0359	EA	1", 2-Piece Brass Body, Non-Potable (Purple) Quick-Coupling Irrigation Valve (Rain Bird® 44NP)	274.07	39.63
32 84 23 00-0360		**Anti-Siphon Pressure Type Vacuum Breaker** *(32 84 23 00-0346)* Note: Pressure: 15 to 150 PSI, temperature: 33 to 140 degrees Fahrenheit.		
32 84 23 00-0361	EA	3/4" Anti-Siphon Pressure Type Vacuum Breaker (Watts 800M4QT)	313.01	33.47
32 84 23 00-0362	EA	1" Anti-Siphon Pressure Type Vacuum Breaker (Watts 800M4QT)	450.43	38.25
32 84 23 00-0363	EA	1-1/4" Anti-Siphon Pressure Type Vacuum Breaker (Watts 800M4QT)	821.92	44.23
32 84 23 00-0364	EA	1-1/2" Anti-Siphon Pressure Type Vacuum Breaker (Watts 800M4QT)	1,001.53	49.01
32 84 23 00-0365	EA	2" Anti-Siphon Pressure Type Vacuum Breaker	1,008.34	59.78
32 84 23 00-0366		**Manual Sprinkler Control Valves** *(32 84 23 00-0346)*		
32 84 23 00-0367	EA	3/4" Manual Sprinkler Control Valves, With Union	103.99	32.28
32 84 23 00-0368	EA	1" Manual Sprinkler Control Valves, With Union	126.76	34.67
32 84 23 00-0369	EA	1-1/4" Manual Sprinkler Control Valves, With Union	195.39	43.88
32 84 23 00-0370	EA	1-1/2" Manual Sprinkler Control Valves, With Union	231.77	50.58
32 84 23 00-0371	EA	2" Manual Sprinkler Control Valves, With Union	311.77	59.78
32 84 23 00-0372		**Irrigation Piping** *(32 84 23)*		
32 84 23 00-0373		**Irrigation Piping With Fittings, On Grade With Pipe Stabilizers** *(32 84 23 00-0372)* Note: Install stabilizers every 20', at change of direction and at sprinkler heads less than 12" tall.		
32 84 23 00-0374		**Schedule 40 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, On Grade With Pipe Stabilizers** *(32 84 23 00-0373)*		
32 84 23 00-0375	LF	1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	3.26	1.10
		For >1,000, Deduct	*-0.16*	
32 84 23 00-0376	LF	3/4" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	3.97	1.38
		For >1,000, Deduct	*-0.20*	
32 84 23 00-0377	LF	1" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	4.78	1.65
		For >1,000, Deduct	*-0.24*	
32 84 23 00-0378	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	6.31	2.09
		For >1,000, Deduct	*-0.32*	
32 84 23 00-0379	LF	2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	7.91	2.62
		For >1,000, Deduct	*-0.40*	
32 84 23 00-0380	LF	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	10.04	3.06
		For >1,000, Deduct	*-0.50*	
32 84 23 00-0381	LF	3" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	13.76	4.40
		For >1,000, Deduct	*-0.69*	
32 84 23 00-0382	LF	4" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	17.94	5.51
		For >1,000, Deduct	*-0.90*	
32 84 23 00-0383	LF	6" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	25.51	6.88
		For >1,000, Deduct	*-1.28*	
32 84 23 00-0384		**Class 200, SDR-21 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, On Grade With Pipe Stabilizers** *(32 84 23 00-0373)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0385	LF	3/4" Class 200 Polyvinyl Chloride (PVC) Socketweld Pipe With Fittings, On Grade With Pipe Stabilizers	3.75	1.38
		For >1,000, Deduct	*-0.19*	
32 84 23 00-0386	LF	1" Class 200 Polyvinyl Chloride (PVC) Socketweld Pipe With Fittings, On Grade With Pipe Stabilizers	4.42	1.65
		For >1,000, Deduct	*-0.22*	
32 84 23 00-0387	LF	1-1/2" Class 200 Polyvinyl Chloride (PVC) Socketweld Pipe With Fittings, On Grade With Pipe Stabilizers	6.05	2.09
		For >1,000, Deduct	*-0.30*	
32 84 23 00-0388	LF	2" Class 200 Polyvinyl Chloride (PVC) Socketweld Pipe With Fittings, On Grade With Pipe Stabilizers	7.69	2.62
		For >1,000, Deduct	*-0.38*	
32 84 23 00-0389	LF	2-1/2" Class 200 Polyvinyl Chloride (PVC) Socketweld Pipe With Fittings, On Grade With Pipe Stabilizers	9.72	3.06
		For >1,000, Deduct	*-0.49*	
32 84 23 00-0390	LF	3" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	13.64	4.40
		For >1,000, Deduct	*-0.68*	
32 84 23 00-0391	LF	4" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	18.62	5.51
		For >1,000, Deduct	*-0.93*	
32 84 23 00-0392	LF	6" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	29.78	6.88
		For >1,000, Deduct	*-1.49*	

32 84 23 00-0393 Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, On Grade With Pipe Stabilizers *(32 84 23 00-0373)*

32 84 23 00-0394	LF	3/4" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	3.93	1.38
		For >1,000, Deduct	*-0.20*	
32 84 23 00-0395	LF	1" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	4.67	1.65
		For >1,000, Deduct	*-0.23*	
32 84 23 00-0396	LF	1-1/2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	6.53	2.09
		For >1,000, Deduct	*-0.33*	
32 84 23 00-0397	LF	2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	8.48	2.62
		For >1,000, Deduct	*-0.42*	
32 84 23 00-0398	LF	2-1/2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	10.97	3.06
		For >1,000, Deduct	*-0.55*	
32 84 23 00-0399	LF	3" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	13.76	4.40
		For >1,000, Deduct	*-0.69*	
32 84 23 00-0400	LF	4" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	17.94	5.51
		For >1,000, Deduct	*-0.90*	
32 84 23 00-0401	LF	6" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	25.92	6.88
		For >1,000, Deduct	*-1.30*	

32 84 23 00-0402 Irrigation Piping With Fittings, Trenching, Cover, Backfilled And Compacted

(32 84 23 00-0372)

Note: Install thrust blocks per Caltrans details for 3" piping and larger, upstream of remote control valve.

32 84 23 00-0403 Schedule 40 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 12" Of Cover, Backfilled And Compacted *(32 84 23 00-0402)*

32 84 23 00-0404	LF	3/4" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	6.09	1.38
		For >1,000, Deduct	*-0.30*	
32 84 23 00-0405	LF	1" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	6.90	1.65
		For >1,000, Deduct	*-0.35*	
32 84 23 00-0406	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	8.43	2.09
		For >1,000, Deduct	*-0.42*	
32 84 23 00-0407	LF	2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	10.02	2.62
		For >1,000, Deduct	*-0.50*	
32 84 23 00-0408	LF	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	12.17	3.06
		For >1,000, Deduct	*-0.61*	
32 84 23 00-0409	LF	3" Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	15.88	4.40
		For >1,000, Deduct	*-0.79*	
32 84 23 00-0410	LF	4" Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	20.07	5.51
		For >1,000, Deduct	*-1.00*	
32 84 23 00-0411	LF	6" Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	27.63	6.88
		For >1,000, Deduct	*-1.38*	

32 84 23 00-0412 Schedule 40 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 18" Of Cover, Backfilled And Compacted *(32 84 23 00-0402)*

32 84 23 00-0413	LF	3/4" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	6.35	1.38
		For >1,000, Deduct	*-0.32*	
32 84 23 00-0414	LF	1" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	7.16	1.65
		For >1,000, Deduct	*-0.36*	
32 84 23 00-0415	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	8.69	2.09
		For >1,000, Deduct	*-0.43*	
32 84 23 00-0416	LF	2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	10.27	2.62
		For >1,000, Deduct	*-0.51*	
32 84 23 00-0417	LF	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	12.43	3.06
		For >1,000, Deduct	*-0.62*	
32 84 23 00-0418	LF	3" Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	16.14	4.40
		For >1,000, Deduct	*-0.81*	
32 84 23 00-0419	LF	4" Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	20.32	5.51
		For >1,000, Deduct	*-1.02*	
32 84 23 00-0420	LF	6" Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	27.88	6.88
		For >1,000, Deduct	*-1.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0421		**Schedule 40 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 24" Of Cover, Backfilled And Compacted** *(32 84 23 00-0402)*		
32 84 23 00-0422	LF	3/4" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	6.61	1.38
		For >1,000, Deduct	*-0.33*	
32 84 23 00-0423	LF	1" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	7.42	1.65
		For >1,000, Deduct	*-0.37*	
32 84 23 00-0424	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	8.95	2.09
		For >1,000, Deduct	*-0.45*	
32 84 23 00-0425	LF	2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	10.54	2.62
		For >1,000, Deduct	*-0.53*	
32 84 23 00-0426	LF	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	12.69	3.06
		For >1,000, Deduct	*-0.63*	
32 84 23 00-0427	LF	3" Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	16.40	4.40
		For >1,000, Deduct	*-0.82*	
32 84 23 00-0428	LF	4" Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	20.58	5.51
		For >1,000, Deduct	*-1.03*	
32 84 23 00-0429	LF	6" Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	28.15	6.88
		For >1,000, Deduct	*-1.41*	
32 84 23 00-0430		**Class 200, SDR-21 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 12" Of Cover, Backfilled And Compacted** *(32 84 23 00-0402)*		
32 84 23 00-0431	LF	3/4" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	5.98	1.38
		For >1,000, Deduct	*-0.30*	
32 84 23 00-0432	LF	1" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	6.71	1.65
		For >1,000, Deduct	*-0.34*	
32 84 23 00-0433	LF	1-1/2" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	8.45	2.09
		For >1,000, Deduct	*-0.42*	
32 84 23 00-0434	LF	2" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	10.40	2.62
		For >1,000, Deduct	*-0.52*	
32 84 23 00-0435	LF	2-1/2" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	12.78	3.06
		For >1,000, Deduct	*-0.64*	
32 84 23 00-0436	LF	3" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	15.76	4.40
		For >1,000, Deduct	*-0.79*	
32 84 23 00-0437	LF	4" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	20.74	5.51
		For >1,000, Deduct	*-1.04*	
32 84 23 00-0438	LF	6" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	31.90	6.88
		For >1,000, Deduct	*-1.60*	
32 84 23 00-0439		**Class 200, SDR-21 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 18" Of Cover, Backfilled And Compacted** *(32 84 23 00-0402)*		
32 84 23 00-0440	LF	3/4" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	6.24	1.38
		For >1,000, Deduct	*-0.31*	
32 84 23 00-0441	LF	1" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	6.97	1.65
		For >1,000, Deduct	*-0.35*	
32 84 23 00-0442	LF	1-1/2" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	8.71	2.09
		For >1,000, Deduct	*-0.44*	
32 84 23 00-0443	LF	2" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	10.65	2.62
		For >1,000, Deduct	*-0.53*	
32 84 23 00-0444	LF	2-1/2" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	13.04	3.06
		For >1,000, Deduct	*-0.65*	
32 84 23 00-0445	LF	3" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	16.02	4.40
		For >1,000, Deduct	*-0.80*	
32 84 23 00-0446	LF	4" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	20.99	5.51
		For >1,000, Deduct	*-1.05*	
32 84 23 00-0447	LF	6" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	32.15	6.88
		For >1,000, Deduct	*-1.61*	
32 84 23 00-0448		**Class 200, SDR-21 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 24" Of Cover, Backfilled And Compacted** *(32 84 23 00-0402)*		
32 84 23 00-0449	LF	3/4" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	6.50	1.38
		For >1,000, Deduct	*-0.33*	
32 84 23 00-0450	LF	1" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	7.23	1.65
		For >1,000, Deduct	*-0.36*	
32 84 23 00-0451	LF	1-1/2" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 124" Of Cover, Backfilled And Compacted	8.97	2.09
		For >1,000, Deduct	*-0.45*	
32 84 23 00-0452	LF	2" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	10.92	2.62
		For >1,000, Deduct	*-0.55*	
32 84 23 00-0453	LF	2-1/2" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	13.30	3.06
		For >1,000, Deduct	*-0.67*	
32 84 23 00-0454	LF	3" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	16.28	4.40
		For >1,000, Deduct	*-0.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0455	LF	4" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	21.25	5.51
		For >1,000, Deduct	*-1.06*	
32 84 23 00-0456	LF	6" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	32.42	6.88
		For >1,000, Deduct	*-1.62*	
32 84 23 00-0457		**Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 12" Of Cover, Backfilled And Compacted** *(32 84 23 00-0402)*		
32 84 23 00-0458	LF	3/4" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	6.05	1.38
		For >1,000, Deduct	*-0.30*	
32 84 23 00-0459	LF	1" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	6.78	1.65
		For >1,000, Deduct	*-0.34*	
32 84 23 00-0460	LF	1-1/2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	8.65	2.09
		For >1,000, Deduct	*-0.43*	
32 84 23 00-0461	LF	2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	10.59	2.62
		For >1,000, Deduct	*-0.53*	
32 84 23 00-0462	LF	2-1/2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	13.10	3.06
		For >1,000, Deduct	*-0.66*	
32 84 23 00-0463	LF	3" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	15.88	4.40
		For >1,000, Deduct	*-0.79*	
32 84 23 00-0464	LF	4" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	20.07	5.51
		For >1,000, Deduct	*-1.00*	
32 84 23 00-0465	LF	6" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	28.05	6.88
		For >1,000, Deduct	*-1.40*	
32 84 23 00-0466		**Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 18" Of Cover, Backfilled And Compacted** *(32 84 23 00-0402)*		
32 84 23 00-0467	LF	3/4" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	6.31	1.38
		For >1,000, Deduct	*-0.32*	
32 84 23 00-0468	LF	1" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	7.04	1.65
		For >1,000, Deduct	*-0.35*	
32 84 23 00-0469	LF	1-1/2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	8.91	2.09
		For >1,000, Deduct	*-0.45*	
32 84 23 00-0470	LF	2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	10.84	2.62
		For >1,000, Deduct	*-0.54*	
32 84 23 00-0471	LF	2-1/2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	13.36	3.06
		For >1,000, Deduct	*-0.67*	
32 84 23 00-0472	LF	3" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	16.14	4.40
		For >1,000, Deduct	*-0.81*	
32 84 23 00-0473	LF	4" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	20.32	5.51
		For >1,000, Deduct	*-1.02*	
32 84 23 00-0474	LF	6" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	28.30	6.88
		For >1,000, Deduct	*-1.42*	
32 84 23 00-0475		**Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 24" Of Cover, Backfilled And Compacted** *(32 84 23 00-0402)*		
32 84 23 00-0476	LF	3/4" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	6.57	1.38
		For >1,000, Deduct	*-0.33*	
32 84 23 00-0477	LF	1" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	7.30	1.65
		For >1,000, Deduct	*-0.37*	
32 84 23 00-0478	LF	1-1/2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	9.17	2.09
		For >1,000, Deduct	*-0.46*	
32 84 23 00-0479	LF	2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	11.11	2.62
		For >1,000, Deduct	*-0.56*	
32 84 23 00-0480	LF	2-1/2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	13.62	3.06
		For >1,000, Deduct	*-0.68*	
32 84 23 00-0481	LF	3" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	16.40	4.40
		For >1,000, Deduct	*-0.82*	
32 84 23 00-0482	LF	4" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	20.58	5.51
		For >1,000, Deduct	*-1.03*	
32 84 23 00-0483	LF	6" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	28.57	6.88
		For >1,000, Deduct	*-1.43*	
32 84 23 00-0484		**Irrigation Riser Piping With Fittings** *(32 84 23 00-0372)*		
32 84 23 00-0485	EA	1/2" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 6" Exposed, Type IV Note: Includes #4 steel reinforcing bar, stainless steel hose clamp	20.39	3.30
32 84 23 00-0486	EA	3/4" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 6" Exposed, Type IV Note: Includes #4 steel reinforcing bar, stainless steel hose clamp	21.82	4.13

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0487	EA	1/2" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 12" Exposed, Type IV Note: Includes #4 steel reinforcing bar, stainless steel hose clamp	21.70	3.86
32 84 23 00-0488	EA	3/4" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 12" Exposed, Type IV Note: Includes #4 steel reinforcing bar, stainless steel hose clamp	23.47	4.81
32 84 23 00-0489	EA	1/2" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 24" Exposed, Type I Note: Includes 2" diameter lodge poll support stake, two stainless steel sprinkler ties	43.50	5.78
32 84 23 00-0490	EA	3/4" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 24" Exposed, Type I Note: Includes 2" diameter lodge poll support stake, two stainless steel sprinkler ties	46.00	7.22
32 84 23 00-0491	EA	1/2" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 36" Exposed, Type I Note: Includes 2" diameter lodge poll support stake, two stainless steel sprinkler ties	50.99	7.43
32 84 23 00-0492	EA	3/4" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 36" Exposed, Type I Note: Includes 2" diameter lodge poll support stake, two stainless steel sprinkler ties	54.21	9.29
32 84 23 00-0493	EA	1/2" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 48" Exposed, Type I Note: Includes 2" diameter lodge poll support stake, two stainless steel sprinkler ties	58.47	9.08
32 84 23 00-0494	EA	3/4" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 48" Exposed, Type I Note: Includes 2" diameter lodge poll support stake, two stainless steel sprinkler ties	62.41	11.36

32 84 23 00-0495 Irrigation Crossover Piping With Fittings *(32 84 23 00-0372)*

Note: Install per Caltrans details. Includes thrust blocks, HDPE sleeve pipe and fittings, 3" pvc irrigation piping and 1" electrical pvc conduit. Excludes #5 concrete irrigation pull boxes on ends, electrical control wiring. See CSI section 32 84 23 00-0095 for #5 concrete pull box, 32 84 23 00-0539 for irrigation wiring.

32 84 23 00-0496 Irrigation Crossover, Corrugated High-Density Polyethylene Pipe (CHDPE), 24" Open Trench *(32 84 23 00-0495)*

32 84 23 00-0497	LF	6" Irrigation Crossover, Corrugated High-Density Polyethylene Pipe (CHDPE), 24" Open Trench Installation	36.26
		For >1,000, Deduct	*-1.81*
32 84 23 00-0498	LF	8" Irrigation Crossover, Corrugated High-Density Polyethylene Pipe (CHDPE), 24" Open Trench Installation	50.43
		For >1,000, Deduct	*-2.52*
32 84 23 00-0499	LF	10" Irrigation Crossover, Corrugated High-Density Polyethylene Pipe (CHDPE), 24" Open Trench Installation	68.63
		For >1,000, Deduct	*-3.43*
32 84 23 00-0500	LF	12" Irrigation Crossover, Corrugated High-Density Polyethylene Pipe (CHDPE), 24" Open Trench Installation	89.96
		For >1,000, Deduct	*-4.50*

32 84 23 00-0501 Irrigation Crossover, Corrugated High-Density Polyethylene Pipe (CHDPE), 36" Open Trench *(32 84 23 00-0495)*

32 84 23 00-0502	LF	6" Irrigation Crossover, Corrugated High-Density Polyethylene Pipe (CHDPE), 36" Open Trench Installation	37.03
		For >1,000, Deduct	*-1.85*
32 84 23 00-0503	LF	8" Irrigation Crossover, Corrugated High-Density Polyethylene Pipe (CHDPE), 36" Open Trench Installation	51.29
		For >1,000, Deduct	*-2.56*
32 84 23 00-0504	LF	10" Irrigation Crossover, Corrugated High-Density Polyethylene Pipe (CHDPE), 36" Open Trench Installation	69.58
		For >1,000, Deduct	*-3.48*
32 84 23 00-0505	LF	12" Irrigation Crossover, Corrugated High-Density Polyethylene Pipe (CHDPE), 36" Open Trench Installation	91.00
		For >1,000, Deduct	*-4.55*

32 84 23 00-0506 Irrigation Crossover, Corrugated High-Density Polyethylene Pipe (CHDPE), 48" Open Trench *(32 84 23 00-0495)*

32 84 23 00-0507	LF	6" Irrigation Crossover, Corrugated High-Density Polyethylene Pipe (CHDPE), 48" Open Trench Installation	37.82
		For >1,000, Deduct	*-1.89*
32 84 23 00-0508	LF	8" Irrigation Crossover, Corrugated High-Density Polyethylene Pipe (CHDPE), 36" Open Trench Installation	52.15
		For >1,000, Deduct	*-2.61*
32 84 23 00-0509	LF	10" Irrigation Crossover, Corrugated High-Density Polyethylene Pipe (CHDPE), 36" Open Trench Installation	70.53
		For >1,000, Deduct	*-3.53*
32 84 23 00-0510	LF	12" Irrigation Crossover, Corrugated High-Density Polyethylene Pipe (CHDPE), 36" Open Trench Installation	92.04
		For >1,000, Deduct	*-4.60*

32 84 23 00-0511 Irrigation Crossover, Corrugated High-Density Polyethylene Pipe (CHDPE), Directional Bore *(32 84 23 00-0495)*

32 84 23 00-0512	LF	6" Irrigation Crossover, Corrugated High-Density Polyethylene Pipe (CHDPE), Directional Bore Installation	98.60
		For >1,000, Deduct	*-4.93*
32 84 23 00-0513	LF	8" Irrigation Crossover, Corrugated High-Density Polyethylene Pipe (CHDPE), Directional Bore Installation	125.39
		For >1,000, Deduct	*-6.27*
32 84 23 00-0514	LF	10" Irrigation Crossover, Corrugated High-Density Polyethylene Pipe (CHDPE), Directional Bore Installation	149.80
		For >1,000, Deduct	*-7.49*
32 84 23 00-0515	LF	12" Irrigation Crossover, Corrugated High-Density Polyethylene Pipe (CHDPE), Directional Bore Installation	177.35
		For >1,000, Deduct	*-8.87*

32 84 23 00-0516 Below Ground Cam Adapter Assembly *(32 84 23 00-0372)*

Note: Includes minimum 6" depth gravel or crushed rock, woven wire cloth, jumbo valve box with 15" x 21.5" cover, 1-1/2" brass ball valve, 1-1/2" aluminum male cam adapter x female NPT, 1-1/2" PVC elbow, 2" PVC reducing tee, 30" PVC pipe

32 84 23 00-0517	EA	Below Ground Cam Adapter Assembly Note: Includes 6" depth gravel or crushed rock, woven wire cloth, jumbo valve box with 15" x 21.5" cover, 1-1/2" brass ball valve, 1-1/2" aluminum male cam adapter x female NPT, 1-1/2" PVC elbow, 2" PVC reducing tee, 30" PVC pipe.	745.65

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0518		**Above Ground Cam Adapter Assembly** *(32 84 23 00-0372)* Note: Includes concrete thrust block, 1-1/2" plastic ball valve, 1-1/2" aluminum male cam adapter x female NPT, 1-1/2" PVC elbow, 2" PVC reducing tee, 30" PVC pipe		
32 84 23 00-0519	EA	Above Ground Cam Adapter Assembly Note: Includes concrete thrust block, 1-1/2" plastic ball valve, 1-1/2" aluminum male cam adapter x female NPT, 1-1/2" PVC elbow, 2" PVC reducing tee, 30" PVC pipe.	459.76	
32 84 23 00-0520		**Thrust Block** *(32 84 23 00-0372)*		
32 84 23 00-0521	EA	Thrust Block For 1-1/2" Pipe Size And Smaller	40.30	
32 84 23 00-0522	EA	Thrust Block For 2" Pipe	69.29	
32 84 23 00-0523	EA	Thrust Block For 3" And 4" Pipe	98.27	
32 84 23 00-0524	EA	Thrust Block For 6" Pipe	157.03	
32 84 23 00-0525	EA	Thrust Block For 8" Pipe	223.70	
32 84 23 00-0526		**Irrigation Swing Joints** *(32 84 23)*		
32 84 23 00-0527	EA	3/4" Male NPT, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint (Rain Bird® TSJ12075)	68.09	21.91
32 84 23 00-0528	EA	1" Male NPT, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint (Rain Bird® TSJ12)	77.55	24.46
32 84 23 00-0529	EA	1" Male NPT, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint With 70 PSI Pressure Regulator (Rain Bird® TSJ100PRS)	105.74	24.46
32 84 23 00-0530	EA	1/2" Diameter, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRANS Type I Note: Consists of three threaded 90-degree elbows and 12" threaded pipe.	46.32	28.56
32 84 23 00-0531	EA	3/4" Diameter, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRANS Type I Note: Consists of three threaded 90-degree elbows and 12" threaded pipe.	61.92	38.09
32 84 23 00-0532	EA	1" Diameter, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRANS Type I Note: Consists of three threaded 90-degree elbows and 12" threaded pipe.	78.11	46.71
32 84 23 00-0533	EA	1/2" Diameter, 24" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRAN Type II Note: Consists of one threaded 90-degree elbow, one threaded x socket 90 degree elbow, one adapter and 24" threaded pipe.	65.75	29.00
32 84 23 00-0534	EA	3/4" Diameter, 24" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRAN Type II Note: Consists of one threaded 90-degree elbow, one threaded x socket 90 degree elbow, one adapter and 24" threaded pipe.	86.97	38.47
32 84 23 00-0535	EA	1" Diameter, 24" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRAN Type II Note: Consists of one threaded 90-degree elbow, one threaded x socket 90 degree elbow, one adapter and 24" threaded pipe.	107.11	47.18
32 84 23 00-0536	EA	1/2" Diameter, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRANS Type III Note: Consists of two street 90-degree elbows.	37.25	17.76
32 84 23 00-0537	EA	3/4" Diameter, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRANS Type III Note: Consists of two street 90-degree elbows.	49.81	23.68
32 84 23 00-0538	EA	1" Diameter, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRANS Type III Note: Consists of two street 90-degree elbows.	59.35	29.36
32 84 23 00-0539		**Irrigation Control Wire** *(32 84 23)* Note: Excludes excavation and backfill.		
32 84 23 00-0540		**18 AWG, Irrigation Control Wire, Buried In Trench** *(32 84 23 00-0539)*		
32 84 23 00-0541	CLF	1-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	54.15	16.52
32 84 23 00-0542	CLF	2-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	71.39	19.27
32 84 23 00-0543	CLF	3-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	82.17	22.02
32 84 23 00-0544	CLF	4-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	94.14	24.77
32 84 23 00-0545	CLF	5-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	107.26	27.53
32 84 23 00-0546	CLF	6-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	128.62	30.27
32 84 23 00-0547	CLF	7-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	149.08	33.02
32 84 23 00-0548	CLF	8-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	162.00	35.78
32 84 23 00-0549	CLF	9-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	178.00	38.53
32 84 23 00-0550	CLF	10-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	196.44	41.28
32 84 23 00-0551	CLF	11-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	203.09	44.03
32 84 23 00-0552	CLF	12-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	210.93	46.79
32 84 23 00-0553	CLF	13-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	222.52	49.54
32 84 23 00-0554		**16 AWG, Irrigation Control Wire, Buried In Trench** *(32 84 23 00-0539)*		
32 84 23 00-0555	CLF	1-Conductor, 16 AWG, Irrigation Control Wire, Buried In Trench	57.27	16.52
32 84 23 00-0556		**14 AWG, Irrigation Control Wire, Buried In Trench** *(32 84 23 00-0539)*		
32 84 23 00-0557	CLF	1-Conductor, 14 AWG, Irrigation Control Wire, Buried In Trench	57.28	16.52
32 84 23 00-0558		**12 AWG, Irrigation Control Wire, Buried In Trench** *(32 84 23 00-0539)*		
32 84 23 00-0559	CLF	1-Conductor, 12 AWG, Irrigation Control Wire, Buried In Trench	77.91	16.52
32 84 23 00-0560		**10 AWG, Irrigation Control Wire, Buried In Trench** *(32 84 23 00-0539)*		
32 84 23 00-0561	CLF	1-Conductor, 10 AWG, Irrigation Control Wire, Buried In Trench	104.06	16.52
32 84 23 00-0562		**Root Watering Systems** *(32 84 23)* Note: Includes swing assembly.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0563	EA	0.25 GPM Bubbler On Riser, 36" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-B-1401)	111.26	22.02
		For Root Watering Sand Sock, Add	*5.55*	
32 84 23 00-0564	EA	0.25 GPM Bubbler And Check Valve On Riser, 36" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-B-C-1401)	120.59	22.02
		For Root Watering Sand Sock, Add	*5.55*	
32 84 23 00-0565	EA	0.5 GPM Bubbler On Riser, 36" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-B-1402)	111.26	22.02
		For Root Watering Sand Sock, Add	*5.55*	
32 84 23 00-0566	EA	0.5 GPM Bubbler And Check Valve On Riser, 36" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-B-C-1402)	120.59	22.02
		For Root Watering Sand Sock, Add	*5.55*	
32 84 23 00-0567	EA	1 GPM Bubbler And Check Valve On Riser, 36" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-B-C-1404)	120.59	22.02
		For Root Watering Sand Sock, Add	*5.55*	
32 84 23 00-0568	EA	0.25 GPM Bubbler On Riser, 18" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-M-B-1401)	96.51	19.27
		For Root Watering Sand Sock, Add	*5.01*	
32 84 23 00-0569	EA	0.25 GPM Bubbler And Check Valve On Riser, 18" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-M-B-C-1401)	105.46	19.27
		For Root Watering Sand Sock, Add	*5.01*	
32 84 23 00-0570	EA	0.5 GPM Bubbler On Riser, 18" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-M-B-1402)	96.51	19.27
		For Root Watering Sand Sock, Add	*5.01*	
32 84 23 00-0571	EA	0.5 GPM Bubbler And Check Valve On Riser, 18" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-M-B-C-1402)	105.46	19.27
		For Root Watering Sand Sock, Add	*5.01*	
32 84 23 00-0572	EA	0.25 GPM Bubbler On Riser, 10" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-S-B-1401)	63.87	16.52
		For Root Watering Sand Sock, Add	*4.46*	
32 84 23 00-0573	EA	0.25 GPM Bubbler And Check Valve On Riser, 10" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-S-B-C-1401)	72.39	16.52
		For Root Watering Sand Sock, Add	*4.46*	

32 90 Planting *(32)*

Note: Plant installation includes the initial watering only. The extended watering period for the establishment of lawns, plants and trees is addressed on a per plant per amount per occurrence basis as directed in the specification. cvs = cultivar or cultivated varities. See CSI section 32 01 90 26-0000 for additional "extended watering period" tasks.

32 91 Planting Preparation *(32 90)*

32 91 13 Soil Preparation *(32 91)*

32 91 13 16 Mulching *(32 91 13)*

32 91 13 16-0001 Mulch *(32 91 13 16)*

Note: Includes loading, delivery up to 15 miles and spreading. 1 CY = 108 SF of mulch spread 3" thick. See CSI section 01 74 19 00-0040 for hauling greater than 15 miles.

32 91 13 16-0002	CY	Pine Bark Nugget Mulch	125.45
		For >5 To 20, Deduct	*-10.26*
		For >20 To 50, Deduct	*-15.40*
		For >50, Deduct	*-21.67*
		For Work On Slopes >2.5:1, Add	*15.96*
32 91 13 16-0003	CY	Hardwood Bark Nugget Mulch	123.63
		For >5 To 20, Deduct	*-10.17*
		For >20 To 50, Deduct	*-15.26*
		For >50, Deduct	*-21.44*
		For Work On Slopes >2.5:1, Add	*15.96*
32 91 13 16-0004	CY	Pine Wood Chip Mulch	119.98
		For >5 To 20, Deduct	*-9.99*
		For >20 To 50, Deduct	*-14.99*
		For >50, Deduct	*-20.98*
		For Work On Slopes >2.5:1, Add	*15.96*
32 91 13 16-0005	CY	Hardwood Chip Mulch	127.28
		For >5 To 20, Deduct	*-10.36*
		For >20 To 50, Deduct	*-15.53*
		For >50, Deduct	*-21.90*
		For Work On Slopes >2.5:1, Add	*15.96*
32 91 13 16-0006	CY	Shredded Hardwood Mulch	127.28
		For >5 To 20, Deduct	*-10.36*
		For >20 To 50, Deduct	*-15.53*
		For >50, Deduct	*-21.90*
		For Work On Slopes >2.5:1, Add	*15.96*
32 91 13 16-0007	CY	Shredded Pine Mulch	110.85
		For >5 To 20, Deduct	*-9.53*
		For >20 To 50, Deduct	*-14.30*
		For >50, Deduct	*-19.84*
		For Work On Slopes >2.5:1, Add	*15.96*
32 91 13 16-0008	CY	Shredded Cedar Mulch	146.44
		For >5 To 20, Deduct	*-11.31*
		For >20 To 50, Deduct	*-16.97*
		For >50, Deduct	*-24.29*
		For Work On Slopes >2.5:1, Add	*15.96*
32 91 13 16-0009	CY	Shredded Cypress Mulch	143.71
		For >5 To 20, Deduct	*-11.18*
		For >20 To 50, Deduct	*-16.76*
		For >50, Deduct	*-23.95*
		For Work On Slopes >2.5:1, Add	*15.96*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 91 13 16-0010	CY	Shredded Redwood Mulch	151.01	
		For >5 To 20, Deduct	*-11.54*	
		For >20 To 50, Deduct	*-17.31*	
		For >50, Deduct	*-24.86*	
		For Work On Slopes >2.5:1, Add	*15.96*	
32 91 13 16-0011	CY	Pea Gravel Mulch	134.20	
		For >5 To 20, Deduct	*-10.70*	
		For >20 To 50, Deduct	*-16.05*	
		For >50, Deduct	*-22.76*	
		For Work On Slopes >2.5:1, Add	*15.96*	
32 91 13 16-0012	CY	Chunk Recycled Tire Mulch	230.00	
		For >5 To 20, Deduct	*-16.61*	
		For >20 To 50, Deduct	*-24.92*	
		For >50, Deduct	*-36.42*	
		For Work On Slopes >2.5:1, Add	*20.45*	
32 91 13 16-0013	CY	Chunk Colored Recycled Tire Mulch	355.95	
		For >5 To 20, Deduct	*-22.91*	
		For >20 To 50, Deduct	*-34.36*	
		For >50, Deduct	*-52.16*	
		For Work On Slopes >2.5:1, Add	*20.45*	
32 91 13 16-0014	CY	Shredded Recycled Tire Mulch	357.77	
		For >5 To 20, Deduct	*-23.00*	
		For >20 To 50, Deduct	*-34.50*	
		For >50, Deduct	*-52.39*	
		For Work On Slopes >2.5:1, Add	*20.45*	
32 91 13 16-0015	CY	Shredded Colored Recycled Tire Mulch	609.66	
		For >5 To 20, Deduct	*-35.59*	
		For >20 To 50, Deduct	*-53.39*	
		For >50, Deduct	*-83.87*	
		For Work On Slopes >2.5:1, Add	*20.45*	
32 91 13 16-0016	EA	Pine Straw Mulch Bale Note: Covers 50 SF at a thickness of 2" to 4" forming a uniform mat through which none of the original ground surface can be seen.	10.92	
		For >100 To 250, Deduct	*-0.77*	
		For >250 To 500, Deduct	*-1.00*	
		For >500, Deduct	*-1.32*	
		For Work On Slopes >2.5:1, Add	*0.91*	
32 91 13 16-0017	EA	Wheat Straw Mulch Bale Note: Covers 350 SF forming a uniform mat through which 20 to 40% of the original ground surface can be seen.	10.91	
		For >100 To 250, Deduct	*-0.72*	
		For >250 To 500, Deduct	*-0.89*	
		For >500, Deduct	*-1.26*	
		For Work On Slopes >2.5:1, Add	*0.68*	
32 91 13 16-0018	CY	Stone/Gravel Mulch, Marble Chips	316.69	
		For >5 To 20, Deduct	*-19.83*	
		For >20 To 50, Deduct	*-29.74*	
		For >50, Deduct	*-45.57*	
		For Work On Slopes >2.5:1, Add	*15.96*	
32 91 13 16-0019	CY	Stone Mulch, Decomposed Granite Chips	141.96	
		For >5 To 20, Deduct	*-11.09*	
		For >20 To 50, Deduct	*-16.63*	
		For >50, Deduct	*-23.73*	
		For Work On Slopes >2.5:1, Add	*15.96*	

32 91 13 16-0020 Compost Soil Amendment (AgriService) *(32 91 13 16)*

Note: Includes loading, delivery up to 15 miles and spreading. See CSI section 01 74 19 00-0040 for hauling greater than 15 miles.

32 91 13 16-0021	CY	Humic Compost (OIM) Note: (Agri Service or Equal)	100.86	
		For Work On Slopes >2.5:1, Add	*15.96*	
		For >100 To 1,000, Deduct	*-17.02*	
		For >1,000, Deduct	*-26.05*	

32 91 13 26 Planting Beds *(32 91 13)*

Note: Not for use when installing trees and shrubs.

32 91 13 26-0001 Plant Bed Preparation *(32 91 13 26)*

Note: Not for use when installing trees and shrubs.

32 91 13 26-0002	SF	Up To 8" Deep, Prepare And Mix Plant Bed, By Machine Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.	1.26	
		For Work On Slopes >2.5:1, Add	*0.25*	
32 91 13 26-0003	SF	>8" To 13" Deep, Prepare And Mix Plant Bed, By Machine Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.	1.45	
		For Work On Slopes >2.5:1, Add	*0.29*	
32 91 13 26-0004	SF	>13" To 18" Deep, Prepare And Mix Plant Bed, By Machine Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.	1.70	
		For Work On Slopes >2.5:1, Add	*0.34*	
32 91 13 26-0005	SF	Up To 8" Deep, Prepare And Mix Plant Bed By Hand Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.	5.96	
		For Work On Slopes >2.5:1, Add	*1.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 91 13 26-0006	SF	>8" To 13" Deep, Prepare And Mix Plant Bed By Hand Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.	6.84	
		For Work On Slopes >2.5:1, Add	*1.37*	
32 91 13 26-0007	SF	>13" To 18" Deep, Prepare And Mix Plant Bed By Hand Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.	8.04	
		For Work On Slopes >2.5:1, Add	*1.61*	
32 91 13 26-0008		Planting Pit Preparation *(32 91 13 26)* Note: Not for use when installing trees and shrubs.		
32 91 13 26-0009	CY	Excavate Planting Pit By Hand, Sandy Soil Note: For use with existing planting pits.	103.00	
		For Work On Slopes >2.5:1, Add	*20.60*	
32 91 13 26-0010	CY	Excavate Planting Pit By Hand, Heavy Soil Note: For use with existing planting pits.	206.01	
		For Work On Slopes >2.5:1, Add	*41.20*	
32 91 13 26-0011	CY	Excavate Planting Pit By Machine, Sandy Soil Note: For use with existing planting pits.	15.13	
		For Work On Slopes >2.5:1, Add	*3.03*	
32 91 13 26-0012	CY	Excavate Planting Pit By Machine, Heavy Soil Note: For use with existing planting pits.	19.70	
		For Work On Slopes >2.5:1, Add	*3.94*	
32 91 13 26-0013	CY	Backfill Planting Pit By Hand With Topsoil From Stockpile	91.54	
		For Work On Slopes >2.5:1, Add	*18.31*	
32 91 13 26-0014	CY	Backfill Planting Pit By Hand With Contractor Furnished Planting Mix	124.05	
		For Work On Slopes >2.5:1, Add	*16.26*	
32 91 13 26-0015	CY	Backfill Planting Pit By Machine, With Topsoil From Stockpile	8.53	
		For Work On Slopes >2.5:1, Add	*1.71*	
32 91 13 26-0016	CY	Backfill Planting Pit By Machine, With Contractor Furnished Planting Mix	62.43	
		For Work On Slopes >2.5:1, Add	*3.93*	
32 91 13 26-0017		Weed Barrier *(32 91 13 26)*		
32 91 13 26-0018	SY	Up To 3 Oz/SY Non-Woven, Polypropylene Weed Barrier	2.54	
		For Work On Slopes >2.5:1, Add	*0.16*	
32 91 13 26-0019	SY	4 Oz/SY Woven, Polypropylene Weed Barrier	3.42	
		For Work On Slopes >2.5:1, Add	*0.16*	
32 91 13 26-0020	SY	5 Oz/SY Woven, Needle Punched Polypropylene Weed Barrier	3.81	
		For Work On Slopes >2.5:1, Add	*0.16*	
32 91 13 33		**Soil Conditioners** *(32 91 13)*		
32 91 13 33-0001		Spread Soil Conditioners *(32 91 13 33)*		
32 91 13 33-0002	SY	Aluminum Sulfate 1 Lb./SY, Push Spreader	0.49	
32 91 13 33-0003	MSF	Aluminum Sulfate 110 Lb./MSF Tractor Spreader	46.41	
32 91 13 33-0004	MSF	Fertilizer, 20 Lb./MSF, Push Spreader	8.46	
32 91 13 33-0005	MSF	Fertilizer, 20 Lb./MSF, Tractor Spread	3.38	
32 91 13 33-0006	MSF	Fertilizer, 20 Lb./MSF, Truck Spread	5.73	
32 91 13 33-0007	SY	Pelletized Lime, 1 Lb./SY, Push Spreader	0.12	
32 91 13 33-0008	MSF	Pelitized Lime, 110 Lb./MSF, Tractor Spreader	8.74	
32 91 13 33-0009	SY	Perlite, 1" Deep, Push Spreader	4.23	
32 91 13 33-0010	MSF	Perlite, 1" Deep, Tractor Spreader	439.41	
32 91 13 33-0011	SY	Vermiculite, Push Spreader	3.93	
32 91 13 33-0012	MSF	Vermiculite, Tractor Spreader	429.23	
32 91 13 33-0013	SY	Humate Granular Soil Conditioner, 0.10 Lb./SY, Push Spreader	0.24	
32 91 13 33-0014	MSF	Humate Granular Soil Conditioner, 10 Lb./MSF, Tractor Spreader	21.07	
32 91 13 36		**Lawn Bed Preparation** *(32 91 13)*		
32 91 13 36-0001		Lawn Bed Preparation *(32 91 13 36)*		
32 91 13 36-0002	MSF	Rake Topsoil With Machine	95.87	
32 91 13 36-0003	MSF	Rake Topsoil By Hand	82.39	
32 91 13 36-0004	MSF	Screen Loam By Hand	54.93	
32 91 13 36-0005	SY	Roll Topsoil With Machine	1.22	
32 91 13 36-0006	SY	Roll Topsoil By Hand	3.68	
32 91 13 36-0007	MSF	Removal Of Rocks And Debris With Machine	11.34	
32 91 13 36-0008	MSF	Removal Of Rocks And Debris By Hand	35.95	
32 91 13 36-0009	MSF	Root Raking And Loading, No Boulders	59.33	
		For >45 to 225, Deduct	*-41.53*	
		For >225, Deduct	*-53.40*	
32 91 13 36-0010	MSF	Root Raking And Loading, With Boulders	98.88	
		For >45 to 225, Deduct	*-69.22*	
		For >225, Deduct	*-88.99*	
32 91 13 36-0011	MSF	Up To 6" Deep Tilling Topsoil With Tractor	5.24	
32 91 13 36-0012	MSF	>6" To 12" Deep Tilling Topsoil With Tractor	10.63	
		For Work On Slopes >2.5:1, Add	*2.13*	
32 91 13 36-0013	SY	Up To 2" Deep Tilling Topsoil With Rototiller	0.88	
32 91 13 36-0014	SY	>2" To 4" Deep Tilling Topsoil With Rototiller	1.05	
32 91 13 36-0015	SY	>4" To 6" Deep Tilling Topsoil With Rototiller	1.31	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 91 13 36-0016	LF	"V" Cut Soil For Edge Of Planting Beds	1.46	
32 91 13 36-0017		**Sod Removal** *(32 91 13 36)*		
32 91 13 36-0018	SY	Removal Of Sod By Hand	6.95	
		For Work On Slopes >2.5:1, Add	*1.39*	
32 91 13 36-0019	SY	Removal Of Sod With Machine	0.71	
		For Work On Slopes >2.5:1, Add	*0.14*	
32 91 13 36-0020	SY	Pile Sod By Hand	4.12	
		For Work On Slopes >2.5:1, Add	*0.82*	
32 91 13 36-0021	SY	Pile Sod With Machine	1.33	
		For Work On Slopes >2.5:1, Add	*0.27*	
32 91 19		**Landscape Grading** *(32 91)*		
32 91 19 13		**Topsoil Placement and Grading** *(32 91 19)*		
32 91 19 13-0001		**Remove And Stockpile Topsoil On Site** *(32 91 19 13)*		
32 91 19 13-0002	CY	Removal Of Topsoil, 4" Deep Stockpile On Site	5.30	
32 91 19 13-0003	CY	Removal Of Topsoil, 6" Deep Stockpile On Site	5.24	
32 91 19 13-0004		**Screening Topsoil** *(32 91 19 13)*		
32 91 19 13-0005	CY	Screen Topsoil With Vibrating Screen, Wet Material (Organic)	11.76	
32 91 19 13-0006	CY	Screen Topsoil With Vibrating Screen, Dry Material	7.84	
32 91 19 13-0007		**Spreading Topsoil From Stockpile** *(32 91 19 13)*		
32 91 19 13-0008	CY	Spread Topsoil By Machine From Stockpile	8.98	
32 91 19 13-0009	CY	Spread Topsoil By Hand From Stockpile	78.62	
32 91 19 13-0010		**Furnish And Place Imported Screened Topsoil** *(32 91 19 13)* Note: Includes delivery up to 15 miles from the closest approved source and spread by machine. Excludes hand spreading. See CSI section 01 74 19 00-0040 for hauling greater than 15 miles, 31 23 16 36-0030 for hand spreading.		
32 91 19 13-0011	SY	Furnish And Place Imported Screened Topsoil, 2" Deep	3.76	
		For Unscreened, Deduct	*-0.45*	
32 91 19 13-0012	SY	Furnish And Place Imported Screened Topsoil, 4" Deep	7.18	
		For Unscreened, Deduct	*-0.90*	
32 91 19 13-0013	SY	Furnish And Place Imported Screened Topsoil, 6" Deep	10.35	
		For Unscreened, Deduct	*-1.34*	
32 91 19 13-0014	SY	Furnish And Place Imported Screened Topsoil, 9" Deep	14.87	
		For Unscreened, Deduct	*-2.02*	
32 91 19 13-0015	SY	Furnish And Place Imported Screened Topsoil, 12" Deep	19.39	
		For Unscreened, Deduct	*-2.69*	
32 91 19 13-0016	CY	Furnish And Place Imported Screened Topsoil, Over 12" Deep	52.97	
		For Unscreened, Deduct	*-8.06*	
32 91 19 13-0017		**Scarify Soil For Planting Preparation** *(32 91 19 13)* Note: Ripped in multiple directions with 3" maximum clods.		
32 91 19 13-0018	MSF	Up To 5,000 SF Scarify Up To 8" Soil With Machine	70.83	
32 91 19 13-0019	MSF	>5,000 To 20,000 SF Scarify Up To 8" Soil With Machine	49.57	
32 91 19 13-0020	MSF	>20,000 SF Scarify Up To 8" Soil With Machine	29.04	
32 92		**Turf and Grasses** *(32 90)*		
32 92 16		**Plugging** *(32 92)*		
32 92 16 00-0001		**Bermuda Or Centipede Plugging, 1" Deep** *(32 92 16)* Note: Includes fine grade and soil preparation.		
32 92 16 00-0002		**6" On Center Plugging** *(32 92 16 00-0001)*		
32 92 16 00-0003	MSF	Plugging By Hand, 6" On Center	263.51	
32 92 16 00-0004	MSF	Plugging By Walk Behind Planter, 6" On Center	34.23	
32 92 16 00-0005	MSF	Plugging By Towed Planter, 6" On Center	24.90	
32 92 16 00-0006		**9" On Center Plugging** *(32 92 16 00-0001)*		
32 92 16 00-0007	MSF	Plugging By Hand, 9" On Center	202.21	
32 92 16 00-0008	MSF	Plugging By Walk Behind Planter, 9" On Center	26.91	
32 92 16 00-0009	MSF	Plugging By Towed Planter, 9" On Center	18.69	
32 92 16 00-0010		**12" On Center Plugging** *(32 92 16 00-0001)*		
32 92 16 00-0011	MSF	Plugging By Hand, 12" On Center	170.62	
32 92 16 00-0012	MSF	Plugging By Walk Behind Planter, 12" On Center	18.32	
32 92 16 00-0013	MSF	Plugging By Towed Planter, 12" On Center	11.99	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

32 92 19 Seeding *(32 92)*

32 92 19 13 Mechanical Seeding *(32 92 19)*

Note: Includes fertilizing, liming, mixing, seeding and initial watering.

32 92 19 13-0001 Tractor Spreader Mechanical Seeding *(32 92 19 13)*

Note: Excludes straw.

32 92 19 13-0002	MSF	California Native Grass Mix, Tractor Spreader	46.40
		For >5 To 20, Deduct	*-2.95*
		For >20 To 45, Deduct	*-5.36*
		For >45, Deduct	*-8.40*
32 92 19 13-0003	MSF	Common Bluegrass, Tractor Spreader Note: 4 LB/MSF spread rate.	49.43
32 92 19 13-0004	MSF	Tall Fescue, Tractor Spreader Note: 5.5 LB/MSF spread rate.	39.20
32 92 19 13-0005	MSF	Rye, Tractor Spreader Note: 10 LB/MSF spread rate.	39.93
32 92 19 13-0006	MSF	Shade Mix, Tractor Spreader Note: 6 LB/MSF spread rate. Mixture of red fescue, creeping red fescue, perennial rye and bluegrass.	43.61
32 92 19 13-0007	MSF	Turf Mix, Tractor Spreader Note: 4 LB/MSF spread rate. Mixture of three varieties of bluegrass and one improved perennial ryegrass.	46.26
32 92 19 13-0008	MSF	Slope Mix, Tractor Spreader Note: 6 LB/MSF spread rate.	42.73
32 92 19 13-0009	MSF	Utility Mix, Tractor Spreader Note: 7 LB/MSF spread rate. Mixture of perennial/annual rye, creeping red fescue and bluegrass.	38.33
32 92 19 13-0010	MSF	Wild Flower Mix, Tractor Spreader Note: 0.10 LB/MSF spread rate.	30.03
32 92 19 13-0011	MSF	Crown Vetch Mix, Tractor Spreader Note: 4 LB/MSF spread rate.	95.65
32 92 19 13-0012	MSF	Athletic Mix, Tractor Spreader Note: 8 LB/MSF spread rate. Mixture of three varieties of drought resistant bluegrass, tall fescue and Kentucky bluegrass.	56.84
32 92 19 13-0013	MSF	White Clover Mix, Tractor Spreader Note: 7 LB/MSF spread rate.	29.94
32 92 19 13-0014	MSF	Ladino Clover Mix, Tractor Spreader Note: 7 LB/MSF spread rate.	33.47
32 92 19 13-0015	MSF	Bermuda, Tractor Spreader Note: 10 LB/MSF spread rate.	48.26

32 92 19 13-0016 Hydro Or Air Mechanical Seeding *(32 92 19 13)*

32 92 19 13-0017	MSF	California Native Grass Mix, Hydro Or Air Seeding	94.12
		For >5 To 20, Deduct	*-6.17*
		For >20 To 45, Deduct	*-11.45*
		For >45, Deduct	*-18.20*
		For Spot Areas Up To 1, Add	*102.11*
		For >1 To 4, Add	*65.70*
		For >4 To 7.5, Add	*44.57*
		For >7.5 To 10, Add	*22.29*
		For >45, Deduct	*-7.64*
32 92 19 13-0018	MSF	Common Bluegrass, Hydro Or Air Seeding Note: 4 LB/MSF spread rate.	99.17
		For Spot Areas Up To 1, Add	*104.13*
		For >1 To 4, Add	*66.71*
		For >4 To 7.5, Add	*45.08*
		For >7.5 To 10, Add	*22.54*
		For >45, Deduct	*-7.89*
		For Tackifier, Add	*4.46*
32 92 19 13-0019	MSF	Tall Fescue, Hydro Or Air Seeding Note: 5.5 LB/MSF spread rate.	105.35
		For Spot Areas Up To 1, Add	*106.60*
		For >1 To 4, Add	*67.95*
		For >4 To 7.5, Add	*45.70*
		For >7.5 To 10, Add	*22.85*
		For >45, Deduct	*-8.20*
		For Tackifier, Add	*4.46*
32 92 19 13-0020	MSF	Rye, Hydro Or Air Spread Note: 10 LB/MSF spread rate.	99.43
		For Spot Areas Up To 1, Add	*104.23*
		For >1 To 4, Add	*66.77*
		For >4 To 7.5, Add	*45.10*
		For >7.5 To 10, Add	*22.55*
		For >45, Deduct	*-7.90*
		For Tackifier, Add	*4.46*
32 92 19 13-0021	MSF	Shade Mix, Hydro Or Air Seeding Note: 6 LB/MSF spread rate. Mixture of red fescue, creeping red fescue, perennial rye and bluegrass.	99.17
		For Spot Areas Up To 1, Add	*104.13*
		For >1 To 4, Add	*66.71*
		For >4 To 7.5, Add	*45.08*
		For >7.5 To 10, Add	*22.54*
		For >45, Deduct	*-7.89*
		For Tackifier, Add	*4.46*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 92 19 13-0022	MSF	Turf Mix, Hydro Or Air Seeding	105.35	
		Note: 4 LB/MSF spread rate. Mixture of three varieties of bluegrass and one improved perennial ryegrass.		
		For Spot Areas Up To 1, Add	*106.60*	
		For >1 To 4, Add	*67.95*	
		For >4 To 7.5, Add	*45.70*	
		For >7.5 To 10, Add	*22.85*	
		For >45, Deduct	*-8.20*	
		For Tackifier, Add	*4.46*	
32 92 19 13-0023	MSF	Slope Mix, Hydro Or Air Seeding	102.70	
		Note: 6 LB/MSF spread rate.		
		For Spot Areas Up To 1, Add	*105.54*	
		For >1 To 4, Add	*67.42*	
		For >4 To 7.5, Add	*45.43*	
		For >7.5 To 10, Add	*22.72*	
		For >45, Deduct	*-8.07*	
		For Tackifier, Add	*4.46*	
32 92 19 13-0024	MSF	Utility Mix, Hydro Or Air Seeding	100.57	
		Note: 7 LB/MSF spread rate. Mixture of perennial/annual rye, creeping red fescue and bluegrass.		
		For Spot Areas Up To 1, Add	*104.69*	
		For >1 To 4, Add	*66.99*	
		For >4 To 7.5, Add	*45.22*	
		For >7.5 To 10, Add	*22.61*	
		For >45, Deduct	*-7.96*	
		For Tackifier, Add	*4.46*	
32 92 19 13-0025	MSF	Wild Flower Mix, Hydro Or Air Seeding	93.70	
		Note: 0.10 LB/MSF spread rate.		
		For Spot Areas Up To 1, Add	*101.94*	
		For >1 To 4, Add	*65.62*	
		For >4 To 7.5, Add	*44.53*	
		For >7.5 To 10, Add	*22.27*	
		For >45, Deduct	*-7.62*	
		For Tackifier, Add	*4.46*	
32 92 19 13-0026	MSF	Crown Vetch Mix, Hydro Or Air Seeding	155.62	
		Note: 4 LB/MSF spread rate.		
		For Spot Areas Up To 1, Add	*126.71*	
		For >1 To 4, Add	*78.00*	
		For >4 To 7.5, Add	*50.72*	
		For >7.5 To 10, Add	*25.36*	
		For >45, Deduct	*-10.71*	
		For Tackifier, Add	*4.46*	
32 92 19 13-0027	MSF	Athletic Mix, Hydro Or Air Seeding	136.24	
		Note: 8 LB/MSF spread rate. Mixture of three varieties of drought resistant bluegrass, tall fescue and Kentucky bluegrass.		
		For Spot Areas Up To 1, Add	*118.96*	
		For >1 To 4, Add	*74.13*	
		For >4 To 7.5, Add	*48.78*	
		For >7.5 To 10, Add	*24.39*	
		For >45, Deduct	*-9.74*	
		For Tackifier, Add	*4.46*	
32 92 19 13-0028	MSF	White Clover Mix, Hydro Or Air Seeding	85.33	
		Note: 7 LB/MSF spread rate.		
		For Spot Areas Up To 1, Add	*98.59*	
		For >1 To 4, Add	*63.95*	
		For >4 To 7.5, Add	*43.69*	
		For >7.5 To 10, Add	*21.85*	
		For >45, Deduct	*-7.20*	
		For Tackifier, Add	*4.46*	
32 92 19 13-0029	MSF	Ladino Clover Mix, Hydro Or Air Seeding	95.65	
		Note: 7 LB/MSF spread rate.		
		For Spot Areas Up To 1, Add	*102.72*	
		For >1 To 4, Add	*66.01*	
		For >4 To 7.5, Add	*44.73*	
		For >7.5 To 10, Add	*22.36*	
		For >45, Deduct	*-7.71*	
		For Tackifier, Add	*4.46*	
32 92 19 13-0030	MSF	60% Kentucky Bluegrass, 20% Creeping Red Fescue, 10% Red Top And 10% Domestic Rye, Hydro Or Air Spread	100.94	
		Note: 4 LB/MSF spread rate.		
		For Spot Areas Up To 1, Add	*104.84*	
		For >1 To 4, Add	*67.07*	
		For >4 To 7.5, Add	*45.25*	
		For >7.5 To 10, Add	*22.63*	
		For >45, Deduct	*-7.98*	
		For Tackifier, Add	*4.46*	
32 92 19 13-0031	MSF	2,500 Lb./Acre, High Performance - Flexible Growth Medium	127.78	
		Note: Applied with seed. Excludes seed.		
		For Spot Areas Up To 1, Add	*83.35*	
		For >1 To 4, Add	*49.00*	
		For >4 To 7.5, Add	*30.36*	
		For >7.5 To 10, Add	*15.18*	
		For >45, Deduct	*-7.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 92 19 13-0032	MSF	3,000 Lb./Acre, High Performance - Flexible Growth Medium	148.94	
		Note: Applied with seed. Excludes seed.		
		For Spot Areas Up To 1, Add	*93.42*	
		For >1 To 4, Add	*54.40*	
		For >4 To 7.5, Add	*33.36*	
		For >7.5 To 10, Add	*16.68*	
		For >45, Deduct	*-8.99*	
32 92 19 13-0033	MSF	3,500 Lb./Acre, High Performance - Flexible Growth Medium	170.19	
		Note: Applied with seed. Excludes seed.		
		For Spot Areas Up To 1, Add	*103.63*	
		For >1 To 4, Add	*59.89*	
		For >4 To 7.5, Add	*36.41*	
		For >7.5 To 10, Add	*18.21*	
		For >45, Deduct	*-10.13*	
32 92 19 13-0034	MSF	4,000 Lb./Acre, High Performance - Flexible Growth Medium	191.48	
		Note: Applied with seed. Excludes seed.		
		For Spot Areas Up To 1, Add	*113.90*	
		For >1 To 4, Add	*65.43*	
		For >4 To 7.5, Add	*39.50*	
		For >7.5 To 10, Add	*19.75*	
		For >45, Deduct	*-11.27*	
32 92 19 13-0035	MSF	4,500 Lb./Acre, High Performance - Flexible Growth Medium	212.87	
		Note: Applied with seed. Excludes seed.		
		For Spot Areas Up To 1, Add	*124.33*	
		For >1 To 4, Add	*71.07*	
		For >4 To 7.5, Add	*42.66*	
		For >7.5 To 10, Add	*21.33*	
		For >45, Deduct	*-12.42*	

32 92 19 19 Seeding by Hand *(32 92 19)*

Note: Includes fertilizing, liming, mixing, seeding and initial watering. See CSI section 32 91 13 16-0017 for wheat straw mulch.

32 92 19 19-0001 Push Spreader Or Hand Seeding *(32 92 19 19)*

Note: Excludes straw.

32 92 19 19-0002	MSF	California Native Grass Mix, Push Spreader Or Hand	124.30	
		For >5 To 20, Deduct	*-8.79*	
		For >20 To 45, Deduct	*-17.05*	
		For >45, Deduct	*-27.88*	
32 92 19 19-0003	MSF	Common Bluegrass, Push Spreader Or Hand	127.33	
		Note: 4 LB/MSF spread rate.		
		For >5 To 20, Deduct	*-8.94*	
		For >20 To 45, Deduct	*-17.27*	
		For >45, Deduct	*-28.18*	
32 92 19 19-0004	MSF	Tall Fescue, Push Spreader Or Hand	117.10	
		Note: 5.5 LB/MSF spread rate.		
		For >5 To 20, Deduct	*-8.43*	
		For >20 To 45, Deduct	*-16.51*	
		For >45, Deduct	*-27.16*	
32 92 19 19-0005	MSF	Rye, Push Spreader Or Hand	117.83	
		Note: 10 LB/MSF spread rate.		
		For >5 To 20, Deduct	*-8.47*	
		For >20 To 45, Deduct	*-16.56*	
		For >45, Deduct	*-27.23*	
32 92 19 19-0006	MSF	Shade Mix, Push Spreader Or Hand	121.51	
		Note: 6 LB/MSF spread rate. Mixture of red fescue, creeping red fescue, perennial rye and bluegrass.		
		For >5 To 20, Deduct	*-8.65*	
		For >20 To 45, Deduct	*-16.84*	
		For >45, Deduct	*-27.60*	
32 92 19 19-0007	MSF	Turf Mix, Push Spreader Or Hand	124.16	
		Note: 4 LB/MSF spread rate. Mixture of three varieties of bluegrass and one improved perennial ryegrass.		
		For >5 To 20, Deduct	*-8.78*	
		For >20 To 45, Deduct	*-17.04*	
		For >45, Deduct	*-27.86*	
32 92 19 19-0008	MSF	Slope Mix, Push Spreader Or Hand	120.63	
		Note: 6 LB/MSF spread rate.		
		For >5 To 20, Deduct	*-8.61*	
		For >20 To 45, Deduct	*-16.77*	
		For >45, Deduct	*-27.51*	
32 92 19 19-0009	MSF	Utility Mix, Push Spreader Or Hand	116.23	
		Note: 7 LB/MSF spread rate. Mixture of perennial/annual rye, creeping red fescue and bluegrass.		
		For >5 To 20, Deduct	*-8.39*	
		For >20 To 45, Deduct	*-16.44*	
		For >45, Deduct	*-27.07*	
32 92 19 19-0010	MSF	Wild Flower Mix, Push Spreader Or Hand	107.93	
		Note: 0.10 LB/MSF spread rate.		
		For >5 To 20, Deduct	*-7.97*	
		For >20 To 45, Deduct	*-15.82*	
		For >45, Deduct	*-26.24*	
32 92 19 19-0011	MSF	Crown Vetch Mix, Push Spreader Or Hand	173.55	
		Note: 4 LB/MSF spread rate.		
		For >5 To 20, Deduct	*-11.25*	
		For >20 To 45, Deduct	*-20.74*	
		For >45, Deduct	*-32.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 92 19 19-0012	MSF	Athletic Mix, Push Spreader Or Hand Note: 8 LB/MSF spread rate. Mixture of drought resistant bluegrass, tall fescue and Kentucky bluegrass.	134.74	
		For >5 To 20, Deduct	*-9.31*	
		For >20 To 45, Deduct	*-17.83*	
		For >45, Deduct	*-28.92*	
32 92 19 19-0013	MSF	White Clover Mix, Push Spreader Or Hand Note: 7 LB/MSF spread rate.	107.84	
		For >5 To 20, Deduct	*-7.97*	
		For >20 To 45, Deduct	*-15.81*	
		For >45, Deduct	*-26.23*	
32 92 19 19-0014	MSF	Ladino Clover Mix, Push Spreader Or Hand Note: 7 LB/MSF spread rate.	111.37	
		For >5 To 20, Deduct	*-8.14*	
		For >20 To 45, Deduct	*-16.08*	
		For >45, Deduct	*-26.59*	
32 92 19 19-0015	MSF	100% Kentucky Bluegrass, Push Spreader Or Hand Note: 3.3 LB/MSF spread rate.	129.01	
		For >5 To 20, Deduct	*-9.03*	
		For >20 To 45, Deduct	*-17.40*	
		For >45, Deduct	*-28.35*	
32 92 19 19-0016	MSF	70% Kentucky Bluegrass And 30% Fescue, Push Spreader Or Hand Note: 3.3 LB/MSF spread rate.	124.16	
		For >5 To 20, Deduct	*-8.78*	
		For >20 To 45, Deduct	*-17.04*	
		For >45, Deduct	*-27.86*	
32 92 19 19-0017	MSF	50% Kentucky Bluegrass And 50% Fescue, Push Spreader Or Hand Note: 3.3 LB/MSF spread rate.	120.63	
		For >5 To 20, Deduct	*-8.61*	
		For >20 To 45, Deduct	*-16.77*	
		For >45, Deduct	*-27.51*	
32 92 19 19-0018	MSF	50% Kentucky Bluegrass And 50% Perennial Rye, Push Spreader Or Hand Note: 4.4 LB/MSF spread rate.	127.69	
		For >5 To 20, Deduct	*-8.96*	
		For >20 To 45, Deduct	*-17.30*	
		For >45, Deduct	*-28.22*	
32 92 19 19-0019	MSF	60% Kentucky Bluegrass, 20% Creeping Red Fescue, 10% Red Top And 10% Domestic Rye, Push Spreader Or Hand Note: 3.3 LB/MSF spread rate.	122.39	
		For >5 To 20, Deduct	*-8.69*	
		For >20 To 45, Deduct	*-16.90*	
		For >45, Deduct	*-27.69*	
32 92 19 19-0020	MSF	40% Creeping Red Fescue, 30% Kentucky Bluegrass, 10% Red Top, And 20% Blue Tag Perennial Rye, Push Spreader Or Hand Note: 3.3 LB/MSF spread rate.	124.16	
		For >5 To 20, Deduct	*-8.78*	
		For >20 To 45, Deduct	*-17.04*	
		For >45, Deduct	*-27.86*	
32 92 19 19-0021	MSF	Bermuda, Push Spreader Or Hand Note: 10 LB/MSF spread rate.	126.16	
		For >5 To 20, Deduct	*-8.88*	
		For >20 To 45, Deduct	*-17.19*	
		For >45, Deduct	*-28.06*	

32 92 23 Sodding *(32 92)*

Note: Includes raking preparation, water thoroughly and allow surface to dry before planting, rolling of sod, sanding seams for (up to 16" wide by 24" long) squares or (up to 24" wide by 54" long) rolls and initial watering within 2 hours after planting.

32 92 23 00-0001 Bermuda Sod *(32 92 23)*

32 92 23 00-0002	MSF	Up To 1,000 SF, Bermuda Sod, Installed On Level Ground	1,713.44
32 92 23 00-0003	MSF	>1,000 To 4,000 SF, Bermuda Sod, Installed On Level Ground	1,450.64
32 92 23 00-0004	MSF	>4,000 To 8,000 SF, Bermuda Sod, Installed On Level Ground	1,235.06
32 92 23 00-0005	MSF	>8,000 SF, Bermuda Sod, Installed On Level Ground	1,084.14
32 92 23 00-0006	MSF	Up To 1,000 SF, Bermuda Sod, Installed On Sloped (>1:6) Ground With Stakes	2,118.05
32 92 23 00-0007	MSF	>1,000 To 4,000 SF, Bermuda Sod, Installed On Sloped (>1:6) Ground With Stakes	1,793.47
32 92 23 00-0008	MSF	>4,000 To 8,000 SF, Bermuda Sod, Installed On Sloped (>1:6) Ground With Stakes	1,471.58
32 92 23 00-0009	MSF	>8,000 SF, Bermuda Sod, Installed On Sloped (>1:6) Ground With Stakes	1,285.27

32 92 23 00-0010 Zoysia Sod *(32 92 23)*

32 92 23 00-0011	MSF	Up To 1,000 SF, Zoysia Sod, Installed On Level Ground	2,459.53
32 92 23 00-0012	MSF	>1,000 To 4,000 SF, Zoysia Sod, Installed On Level Ground	2,008.45
32 92 23 00-0013	MSF	>4,000 To 8,000 SF, Zoysia Sod, Installed On Level Ground	1,699.90
32 92 23 00-0014	MSF	>8,000 SF, Zoysia Sod, Installed On Level Ground	1,456.01
32 92 23 00-0015	MSF	Up To 1,000 SF, Zoysia Sod, Installed On Sloped (>1:6) Ground With Stakes	2,861.80
32 92 23 00-0016	MSF	>1,000 To 4,000 SF, Zoysia Sod, Installed On Sloped (>1:6) Ground With Stakes	2,351.28
32 92 23 00-0017	MSF	>4,000 To 8,000 SF, Zoysia Sod, Installed On Sloped (>1:6) Ground With Stakes	1,936.42
32 92 23 00-0018	MSF	>8,000 SF, Zoysia Sod, Installed On Sloped (>1:6) Ground With Stakes	1,657.14

32 92 23 00-0019 Tall Fescue Sod *(32 92 23)*

32 92 23 00-0020	MSF	Up To 1,000 SF, Tall Fescue Sod, Installed On Level Ground	2,425.10
		For Hybrid Fescue "Marathon", Add	*158.15*
32 92 23 00-0021	MSF	>1,000 To 4,000 SF, Tall Fescue Sod, Installed On Level Ground	1,982.63
		For Hybrid Fescue "Marathon", Add	*119.16*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 92 23 00-0022	MSF	>4,000 To 8,000 SF, Tall Fescue Sod, Installed On Level Ground	1,678.38	
		For Hybrid Fescue "Marathon", Add	*99.67*	
32 92 23 00-0023	MSF	>8,000 SF, Tall Fescue Sod, Installed On Level Ground	1,438.80	
		For Hybrid Fescue "Marathon", Add	*80.18*	
32 92 23 00-0024	MSF	Up To 1,000 SF, Tall Fescue Sod, Installed On Sloped (>1:6) Ground With Stakes	2,827.37	
		For Hybrid Fescue "Marathon", Add	*158.15*	
32 92 23 00-0025	MSF	>1,000 To 4,000 SF, Tall Fescue Sod, Installed On Sloped (>1:6) Ground With Stakes	2,325.46	
		For Hybrid Fescue "Marathon", Add	*119.16*	
32 92 23 00-0026	MSF	>4,000 To 8,000 SF, Tall Fescue Sod, Installed On Sloped (>1:6) Ground With Stakes	1,914.90	
		For Hybrid Fescue "Marathon", Add	*99.67*	
32 92 23 00-0027	MSF	>8,000 SF, Tall Fescue Sod, Installed On Sloped (>1:6) Ground With Stakes	1,639.93	
		For Hybrid Fescue "Marathon", Add	*80.18*	

32 92 23 00-0028 Centipede Sod *(32 92 23)*

32 92 23 00-0029	MSF	Up To 1,000 SF, Centipede Sod, Installed On Level Ground	2,172.02	
32 92 23 00-0030	MSF	>1,000 To 4,000 SF, Centipede Sod, Installed On Level Ground	1,792.82	
32 92 23 00-0031	MSF	>4,000 To 8,000 SF, Centipede Sod, Installed On Level Ground	1,520.21	
32 92 23 00-0032	MSF	>8,000 SF, Centipede Sod, Installed On Level Ground	1,312.26	
32 92 23 00-0033	MSF	Up To 1,000 SF, Centipede Sod, Installed On Sloped (>1:6) Ground With Stakes	2,574.29	
32 92 23 00-0034	MSF	>1,000 To 4,000 SF, Centipede Sod, Installed On Sloped (>1:6) Ground With Stakes	2,135.65	
32 92 23 00-0035	MSF	>4,000 To 8,000 SF, Centipede Sod, Installed On Sloped (>1:6) Ground With Stakes	1,756.73	
32 92 23 00-0036	MSF	>8,000 SF, Centipede Sod, Installed On Sloped (>1:6) Ground With Stakes	1,513.39	

32 92 23 00-0037 Kentucky Blue Grass Sod *(32 92 23)*

32 92 23 00-0038	MSF	Up To 1,000 SF, Kentucky Blue Grass Sod, Installed On Level Ground	2,070.64	
32 92 23 00-0039	MSF	>1,000 To 4,000 SF, Kentucky Blue Grass Sod, Installed On Level Ground	1,716.78	
32 92 23 00-0040	MSF	>4,000 To 8,000 SF, Kentucky Blue Grass Sod, Installed On Level Ground	1,456.84	
32 92 23 00-0041	MSF	>8,000 SF, Kentucky Blue Grass Sod, Installed On Level Ground	1,261.56	
32 92 23 00-0042	MSF	Up To 1,000 SF, Kentucky Blue Grass Sod, Installed On Sloped (>1:6) Ground With Stakes	2,472.91	
32 92 23 00-0043	MSF	>1,000 To 4,000 SF, Kentucky Blue Grass Sod, Installed On Sloped (>1:6) Ground With Stakes	2,059.61	
32 92 23 00-0044	MSF	>4,000 To 8,000 SF, Kentucky Blue Grass Sod, Installed On Sloped (>1:6) Ground With Stakes	1,693.36	
32 92 23 00-0045	MSF	>8,000 SF, Kentucky Blue Grass Sod, Installed On Sloped (>1:6) Ground With Stakes	1,462.69	

32 93 Plants *(32 90)*

32 93 13 Ground Covers *(32 93)*

Note: Materials only. See CSI section 32 93 83 00-0057 for installation and planting of ground cover.

32 93 13 00-0001 Ornamental Grasses *(32 93 13)*

32 93 13 00-0002	EA	1 Gallon, Cortaderia selloana - Pampas Grass	36.60
32 93 13 00-0003	EA	2 Gallon, Cortaderia selloana - Pampas Grass	67.65
32 93 13 00-0004	EA	3 Gallon, Cortaderia selloana - Pampas Grass	122.95
32 93 13 00-0005	EA	5 Gallon, Cortaderia selloana - Pampas Grass	223.77
32 93 13 00-0006	EA	1 Gallon, Distichlis spicata - Saltgrass	11.56
32 93 13 00-0007	EA	5 Gallon, Distichlis spicata - Saltgrass	30.25
32 93 13 00-0008	EA	1 Quart, Imperata cylindrica - Japanese Blood Grass	28.01
32 93 13 00-0009	EA	1 Gallon, Imperata cylindrica - Japanese Blood Grass	37.25
32 93 13 00-0010	EA	2 Gallon, Imperata cylindrica - Japanese Blood Grass	39.87
32 93 13 00-0011	EA	1 Quart, Koeleria glauca - Blue Hair Grass	27.94
32 93 13 00-0012	EA	1 Gallon, Koeleria glauca - Blue Hair Grass	37.25
32 93 13 00-0013	EA	3 Gallon, Koeleria glauca - Blue Hair Grass	90.12
32 93 13 00-0014	EA	1 Gallon, Miscanthus sinensis 'Gracillimus' - Maiden Grass	35.36
32 93 13 00-0015	EA	3 Gallon, Miscanthus sinensis 'Gracillimus' - Maiden Grass	45.83
32 93 13 00-0016	EA	5 Gallon, Miscanthus sinensis 'Gracillimus' - Maiden Grass	87.62
32 93 13 00-0017	EA	1 Gallon, Miscanthus sinensis 'Zebrinus' - Zebra Grass	32.82
32 93 13 00-0018	EA	3 Gallon, Miscanthus sinensis 'Zebrinus' - Zebra Grass	51.60
32 93 13 00-0019	EA	5 Gallon, Miscanthus sinensis 'Zebrinus' - Zebra Grass	88.31
32 93 13 00-0020	EA	1 Gallon, Monathochloe littoralis - Shore Grass	14.46
32 93 13 00-0021	EA	1 Quart, Pennisetum setaceum - Fountain Grass	30.55
32 93 13 00-0022	EA	1 Gallon, Pennisetum setaceum - Fountain Grass	31.59
32 93 13 00-0023	EA	3 Gallon, Pennisetum setaceum - Fountain Grass	69.69
32 93 13 00-0024	EA	1 Gallon, Saccharum ravennae - Ravenna Grass	96.74
32 93 13 00-0025	EA	3 Gallon, Saccharum ravennae - Ravenna Grass	108.67
32 93 13 00-0026	EA	7 Gallon, Saccharum ravennae - Ravenna Grass	179.28
32 93 13 00-0027	EA	1 Gallon, Spartina pectinata - Variegated Cord Grass	52.53
32 93 13 00-0028	EA	2 Gallon, Spartina pectinata - Variegated Cord Grass	78.62
32 93 13 00-0029	EA	1 Quart, Stipa gigantea - Giant Feather Grass	40.10
32 93 13 00-0030	EA	1 Gallon, Stipa gigantea - Giant Feather Grass	55.87
32 93 13 00-0031	EA	1 Gallon, Triglochin maritima - Arrow Grass	8.68

32 93 13 00-0032 Ground Covers *(32 93 13)*

32 93 13 00-0033	EA	1 Gallon Agave Attenuata - Century Plant	12.72
32 93 13 00-0034	EA	5 Gallon Agave Attenuata - Century Plant	34.30
32 93 13 00-0035	EA	15 Gallon Agave Attenuata - Century Plant	113.42
32 93 13 00-0036	EA	1 Gallon Ceanothus 'Carmel Creeper' - Wild Lilac	10.85
32 93 13 00-0037	EA	5 Gallon Ceanothus 'Carmel Creeper' - Wild Lilac	30.21
32 93 13 00-0038	EA	1 Gallon Ceanothus 'Yankee Point' - Wild Lilac	10.85

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 13 00-0039	EA	5 Gallon Ceanothus 'Yankee Point' - Wild Lilac	28.22	
32 93 13 00-0040	EA	1 Gallon Dietes Vegata - Fortnight Lily	9.52	
32 93 13 00-0041	EA	5 Gallon Dietes Vegata - Fortnight Lily	23.46	
32 93 13 00-0042	EA	1 Gallon Juncus Patens ' Elk Blue' - California Gray Rush	17.68	
32 93 13 00-0043	EA	5 Gallon Juncus Patens ' Elk Blue' - California Gray Rush	46.45	
32 93 13 00-0044	EA	4" Pot Miscanthus 'Morning Light' - NCN	13.26	
32 93 13 00-0045	EA	20 Count Flat Miscanthus 'Morning Light' - NCN	195.54	
32 93 13 00-0046	EA	1 Gallon Nassella Tenuissima - Mexican Feather Grass	17.68	
32 93 13 00-0047	EA	1 Gallon Trachelospermum Jasminoides - Star Jasmine	9.61	
32 93 13 00-0048	EA	5 Gallon Trachelospermum Jasminoides - Star Jasmine	24.09	
32 93 13 00-0049	EA	1 Gallon Westringia Fruticosa - Coast Rosemary	9.52	
32 93 13 00-0050	EA	5 Gallon Westringia Fruticosa - Coast Rosemary	23.46	
32 93 13 00-0051	EA	15 Gallon Westringia Fruticosa - Coast Rosemary	96.27	
32 93 13 00-0052	EA	1 Quart Carex 'Bowles Golden' - Variegated Japanese Sedge	46.99	
32 93 13 00-0053	EA	1 Gallon Carex 'Bowles Golden' - Variegated Japanese Sedge	61.18	
32 93 13 00-0054	EA	2 Gallon Juniperus horizontalis 'Plumosa Compacta' - Andorra Creeping Juniper	77.44	
32 93 13 00-0055	EA	1 Quart Waldsteinia ternata - Barren Strawberry	13.30	
32 93 13 00-0056	EA	1 Gallon Waldsteinia ternata - Barren Strawberry	31.92	
32 93 13 00-0057	EA	1 Gallon Cotoneaster dammeri - Bearberry Cotoneaster	43.44	
32 93 13 00-0058	EA	2 Gallon Cotoneaster dammeri - Bearberry Cotoneaster	82.45	
32 93 13 00-0059	EA	5 Gallon Cotoneaster dammeri - Bearberry Cotoneaster	145.41	
32 93 13 00-0060	EA	1 Gallon Liriope muscari 'Big Blue' - Big Blue Liriope	14.88	
32 93 13 00-0061	EA	1 Gallon Distictis buccinatoria - Blood Red Trumpet Vine	27.49	
32 93 13 00-0062	EA	5 Gallon Distictis buccinatoria - Blood Red Trumpet Vine	96.64	
32 93 13 00-0063	EA	1 Gallon Juniperus horizontalis "Wiltoni' - Blue Rug Juniper	36.08	
32 93 13 00-0064	EA	4" Pot Parthenocissus tricuspidata - Boston Ivy	17.73	
32 93 13 00-0065	EA	1 Gallon Parthenocissus tricuspidata - Boston Ivy	40.43	
32 93 13 00-0066	EA	5 Gallon Parthenocissus tricuspidata - Boston Ivy	110.65	
32 93 13 00-0067	EA	3 Gallon Bougainvillea spectabilis - Bougainvillea	46.50	
32 93 13 00-0068	EA	1 Quart Iberis sempervirens - Candytuft	13.30	
32 93 13 00-0069	EA	1 Gallon Iberis sempervirens - Candytuft	31.92	
32 93 13 00-0070	EA	1 Gallon Gelsemium sempervirens - Carolina Jessamine	38.30	
32 93 13 00-0071	EA	5 Gallon Gelsemium sempervirens - Carolina Jessamine	138.31	
32 93 13 00-0072	EA	3" Pot Ajuga reptans - Carpet Bugle	7.98	
32 93 13 00-0073	EA	1 Quart Ajuga reptans - Carpet Bugle	13.30	
32 93 13 00-0074	EA	1 Gallon Ajuga reptans - Carpet Bugle	31.92	
32 93 13 00-0075	EA	24 Plant Flat Ajuga reptans - Carpet Bugle	137.42	
32 93 13 00-0076	EA	1 Gallon Macfadyena unguis-cati - Cat Claw Vine	31.92	
32 93 13 00-0077	EA	5 Gallon Macfadyena unguis-cati - Cat Claw Vine	138.31	
32 93 13 00-0078	EA	1 Gallon Wisteria sinensis - Chinese Wisteria Vine	41.67	
32 93 13 00-0079	EA	3 Gallon Wisteria sinensis - Chinese Wisteria Vine	92.21	
32 93 13 00-0080	EA	5 Gallon Wisteria sinensis - Chinese Wisteria Vine	138.31	
32 93 13 00-0081	EA	1 Gallon Ranunculaceae - Clematis Varieties	45.81	
32 93 13 00-0082	EA	2 Gallon Ranunculaceae - Clematis Varieties	84.73	
32 93 13 00-0083	EA	1 Gallon Hydrangea petiolaris - Climbing Hydrangea	57.63	
32 93 13 00-0084	EA	2 Gallon Hydrangea petiolaris - Climbing Hydrangea	108.17	
32 93 13 00-0085	EA	5 Gallon Hydrangea petiolaris - Climbing Hydrangea	177.32	
32 93 13 00-0086	EA	4" Pot Lantana camera - Common Lantana	7.98	
32 93 13 00-0087	EA	1 Gallon Lantana camera - Common Lantana	23.05	
32 93 13 00-0088	EA	1 Gallon Gardenia jasminoides 'Radicans' - Creeping Gardenia	27.49	
32 93 13 00-0089	EA	5 Gallon Gardenia jasminoides 'Radicans' - Creeping Gardenia	90.43	
32 93 13 00-0090	EA	2 Quart Lysimachia nummularia - Creeping Jenny	13.30	
32 93 13 00-0091	EA	1 Gallon Lysimachia nummularia - Creeping Jenny	25.71	
32 93 13 00-0092	EA	2 Quart Liriope spicata - Creeping Lilytuft	23.05	
32 93 13 00-0093	EA	1 Gallon Liriope spicata - Creeping Lilytuft	41.67	
32 93 13 00-0094	EA	5 Gallon Liriope spicata - Creeping Lilytuft	87.78	
32 93 13 00-0095	EA	Bare Root Liriope spicata - Creeping Liriope	5.81	
32 93 13 00-0096	EA	3" Pot Rosmarinus officinalis 'Prostratus' - Creeping Rosemary	7.98	
32 93 13 00-0097	EA	1 Gallon Rosmarinus officinalis 'Prostratus' - Creeping Rosemary	31.92	
32 93 13 00-0098	EA	2-1/4" Pot Securigera varia - Crown Vetch	5.32	
32 93 13 00-0099	EA	50 Plant Flat Securigera varia - Crown Vetch	179.98	
32 93 13 00-0100	EA	1 Quart Senecio cineraria - Dusty Miller	13.30	
32 93 13 00-0101	EA	1 Gallon Senecio cineraria - Dusty Miller	31.92	
32 93 13 00-0102	EA	2 Gallon Aristolochia macrophylla - Dutchman's Pipe	110.83	
32 93 13 00-0103	EA	5 Gallon Aristolochia macrophylla - Dutchman's Pipe	203.03	
32 93 13 00-0104	EA	1 Gallon Ilex cornuta - Dwarf Holly	24.08	
32 93 13 00-0105	EA	3 Gallon Ilex cornuta - Dwarf Holly	51.60	
32 93 13 00-0106	EA	3 Gallon Rhaphiolepis umbellata 'Minor' - Dwarf Indian Hawthorn	51.60	
32 93 13 00-0107	EA	1 Gallon Tradescantia spathacea - Dwarf Oyster Plant	17.20	
32 93 13 00-0108	EA	2" To 3" Pot Hedera helix - English Ivy	7.98	
32 93 13 00-0109	EA	12" To 15" Runners Hedera helix - English Ivy	13.30	
32 93 13 00-0110	EA	1 Gallon Hedera helix - English Ivy	31.92	
32 93 13 00-0111	EA	50 Plant Flat Hedera helix - English Ivy	184.42	
32 93 13 00-0112	EA	4" Pot Lavandula angustifolia - English Lavender	11.53	
32 93 13 00-0113	EA	1 Quart Lavandula angustifolia - English Lavender	22.17	
32 93 13 00-0114	EA	1 Gallon Lavandula angustifolia - English Lavender	36.35	
32 93 13 00-0115	EA	1 Gallon Euonymus fortunei 'Kewensis' - Wintercreeper	34.58	
32 93 13 00-0116	EA	2 Gallon Euonymus fortunei 'Kewensis' - Wintercreeper	69.16	
32 93 13 00-0117	EA	1 Quart Arundo donax - Giant Reed	42.56	
32 93 13 00-0118	EA	1 Gallon Arundo donax - Giant Reed	61.18	
32 93 13 00-0119	EA	1 Gallon Lonicera x heckrottii - Gold Flame Honeysuckle	36.35	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 13 00-0120	EA	2 Gallon Lonicera x heckrottii - Gold Flame Honeysuckle	69.16	
32 93 13 00-0121	EA	1 Quart Hakonechloa macra 'Aureola' - Golden Variegated Hakone Grass	46.99	
32 93 13 00-0122	EA	1 Gallon Hakonechloa macra 'Aureola' - Golden Variegated Hakone Grass	70.93	
32 93 13 00-0123	EA	3" Pot Lonicera japonica 'Halliana' - Hall's Japanese Honeysuckle	7.98	
32 93 13 00-0124	EA	1 Gallon Lonicera japonica 'Halliana' - Hall's Japanese Honeysuckle	36.35	
32 93 13 00-0125	EA	2 Gallon Lonicera japonica 'Halliana' - Hall's Japanese Honeysuckle	69.16	
32 93 13 00-0126	EA	1 Gallon Hardenbergia violacea - Happy Wanderer	31.92	
32 93 13 00-0127	EA	5 Gallon Hardenbergia violacea - Happy Wanderer	106.39	
32 93 13 00-0128	EA	3 Gallon Hibiscus, Assorted Colors	41.57	
32 93 13 00-0129	EA	1 Gallon Acorus gramineus - Japanese Sweet Flag	33.25	
32 93 13 00-0130	EA	1 Gallon Jasminum volubile - Wax Jasmine	16.75	
32 93 13 00-0131	EA	1 Gallon Jasminum volubile - Wax Jasmine	41.57	
32 93 13 00-0132	EA	1 Gallon Juniperus davurica 'Parsonii' - Parson's Juniper	20.89	
32 93 13 00-0133	EA	3 Gallon Juniperus davurica 'Parsonii' - Parson's Juniper	46.50	
32 93 13 00-0134	EA	1 Gallon Cissus antarctica - Kangaroo Vine	25.71	
32 93 13 00-0135	EA	5 Gallon Cissus antarctica - Kangaroo Vine	80.68	
32 93 13 00-0136	EA	1 Quart Stachys byzantina - Lamb's Ear	13.30	
32 93 13 00-0137	EA	1 Quart Stachys byzantina - Lamb's Ear	31.92	
32 93 13 00-0138	EA	1 Gallon Lantana spp. Various Colors	18.82	
32 93 13 00-0139	EA	1 Gallon Lantana sellowiana - Trailing Lantana	12.38	
32 93 13 00-0140	EA	1 Gallon Cocculus laurifolius - Laurel-leaf Snailseed	25.71	
32 93 13 00-0141	EA	5 Gallon Cocculus laurifolius - Laurel-leaf Snailseed	92.21	
32 93 13 00-0142	EA	1 Gallon Liriope Evergreen Giant, 6 To 8 Bibs Minimum	18.82	
32 93 13 00-0143	EA	1 Gallon Variegated Liriope Evergreen Giant, 6 To 8 Bibs Minimum	23.74	
32 93 13 00-0144	EA	3 Gallon Variegated Liriope Evergreen Giant, 6 To 8 Bibs Minimum	37.96	
32 93 13 00-0145	EA	1 Quart Moss Phlox, Creeping Phlox	13.30	
32 93 13 00-0146	EA	1 Gallon Moss Phlox, Creeping Phlox	31.92	
32 93 13 00-0147	EA	1 Gallon Nephrolepis exaltata - Common Boston Fern	16.75	
32 93 13 00-0148	EA	4" Pot Ophiopogon Japonicus - Mondo grass	7.98	
32 93 13 00-0149	EA	1 Gallon Ophiopogon Japonicus - Mondo grass	31.92	
32 93 13 00-0150	EA	5 Gallon Ophiopogon Japonicus - Mondo grass	73.59	
32 93 13 00-0151	EA	2' To 3' High Oregon Holly-Grape	36.85	
32 93 13 00-0152	EA	1 Gallon Pachysandra terminalis - Pachysandra	48.00	
32 93 13 00-0153	EA	2-1/4" Pot Vinca minor - Periwinkle	4.43	
32 93 13 00-0154	EA	4" Pot Vinca minor - Periwinkle	13.30	
32 93 13 00-0155	EA	Bare Root Vinca minor - Periwinkle	4.43	
32 93 13 00-0156	EA	1 Quart Nepeta mussinii - Persian Catmint	13.30	
32 93 13 00-0157	EA	1 Gallon Nepeta mussinii - Persian Catmint	27.49	
32 93 13 00-0158	EA	1 Gallon Coprosma kirkii - Prostrate Coprosma	22.17	
32 93 13 00-0159	EA	5 Gallon Coprosma kirkii - Prostrate Coprosma	80.68	
32 93 13 00-0160	EA	1 Gallon Juniperus Horizontalis - Prostrate Juniper	36.35	
32 93 13 00-0161	EA	3 Gallon Juniperus Horizontalis - Prostrate Juniper	78.02	
32 93 13 00-0162	EA	5 Gallon Juniperus Horizontalis - Prostrate Juniper	115.26	
32 93 13 00-0163	EA	1 Quart Euonymus fortunei 'Coloratus' - Purple-leaf Wintercreeper	31.66	
32 93 13 00-0164	EA	1 Gallon Euonymus fortunei 'Coloratus' - Purple-leaf Wintercreeper	82.03	
32 93 13 00-0165	EA	24 Plant Flat Euonymus fortunei 'Coloratus' - Purple-leaf Wintercreeper	137.43	
32 93 13 00-0166	EA	1 Gallon Tradescantia spathacea - Rhoeo Discolor "Dwarf"	16.75	
32 93 13 00-0167	EA	1 Quart Festuca glauca 'Sea Urchin' - Sea Urchin Blue Fescue	18.62	
32 93 13 00-0168	EA	1 Gallon Festuca glauca 'Sea Urchin' - Sea Urchin Blue Fescue	33.25	
32 93 13 00-0169	EA	2 Gallon Festuca glauca 'Sea Urchin' - Sea Urchin Blue Fescue	51.87	
32 93 13 00-0170	EA	1 Gallon Hymenocallis latifolia - Spider Lily	20.64	
32 93 13 00-0171	EA	3 Gallon Hymenocallis latifolia - Spider Lily	55.04	
32 93 13 00-0172	EA	1 Quart Hypericum perforatum - St. John's Wort	13.30	
32 93 13 00-0173	EA	1 Gallon Hypericum perforatum - St. John's Wort	31.92	
32 93 13 00-0174	EA	5 Gallon Hypericum perforatum - St. John's Wort	82.45	
32 93 13 00-0175	EA	24" To 30" High Viburnum awabuki - Sweet Viburnum	112.21	
32 93 13 00-0176	EA	1 Gallon Campsis radicans - Trumpet Creeper	48.76	
32 93 13 00-0177	EA	2 Gallon Campsis radicans - Trumpet Creeper	73.59	
32 93 13 00-0178	EA	5 Gallon Campsis radicans - Trumpet Creeper	177.32	
32 93 13 00-0179	EA	2-1/4" Pot Vinca major - Variegated Greater Periwinkle	4.43	
32 93 13 00-0180	EA	4" Pot Vinca major - Variegated Greater Periwinkle	13.30	
32 93 13 00-0181	EA	Bare Root Vinca major - Variegated Greater Periwinkle	4.43	
32 93 13 00-0182	EA	1 Quart Carex hachijoensis - Variegated Japanese Sedge	23.94	
32 93 13 00-0183	EA	1 Gallon Carex hachijoensis - Variegated Japanese Sedge	33.25	
32 93 13 00-0184	EA	2 Gallon Carex hachijoensis - Variegated Japanese Sedge	51.87	
32 93 13 00-0185	EA	1 Gallon Liriope muscari 'Variegata' - Variegated Lilyturf	36.35	
32 93 13 00-0186	EA	2 Quart Verbena peruviana "St. Paul" - St. Paul Verbena	16.85	
32 93 13 00-0187	EA	1 Gallon Verbena peruviana "St. Paul" - St. Paul Verbena	25.71	
32 93 13 00-0188	EA	48 Plant Flat Vinca minor - Lesser Periwinkle	158.03	
32 93 13 00-0189	EA	3" Pot Parthenocissus quinquefolia - Virginia Creeper	7.98	
32 93 13 00-0190	EA	1 Gallon Parthenocissus quinquefolia - Virginia Creeper	41.67	
32 93 13 00-0191	EA	1 Gallon Jasminum polyanthum - Winter Jasmine	31.92	
32 93 13 00-0192	EA	2 Gallon Jasminum polyanthum - Winter Jasmine	63.84	
32 93 13 00-0193	EA	5 Gallon Jasminum polyanthum - Winter Jasmine	110.83	
32 93 13 00-0194	EA	1 Gallon Cistaceae - Wrinkleleaf Rock Rose	25.71	
32 93 13 00-0195	EA	5 Gallon Cistaceae - Wrinkleleaf Rock Rose	87.78	
32 93 13 00-0196	EA	1 Gallon Acmispon galaber - Common Deerweed	15.01	
32 93 13 00-0197	EA	1 Gallon Acacia redolens - Bank Catclaw	6.22	
32 93 13 00-0198	EA	5 Gallon Acacia redolens - Bank Catclaw	19.30	
32 93 13 00-0199	EA	15 Gallon Acacia redolens - Bank Catclaw	75.04	
32 93 13 00-0200	EA	1 Gallon Achillea filipendulina - Fernleaf Yarrow	9.22	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 13 00-0201	EA	1 Gallon Achillea millefolium - Common Yarrow	8.36	
32 93 13 00-0202	EA	5 Gallon Achillea millefolium - Common Yarrow	25.73	
32 93 13 00-0203	EA	1 Gallon Achillea millefolium 'Paprika' - Red Yarrow	9.22	
32 93 13 00-0204	EA	1 Gallon Achillea 'Moonshine' - Yellow yarrow	9.22	
32 93 13 00-0205	EA	1 Gallon Agave americana - Century Plant	12.65	
32 93 13 00-0206	EA	5 Gallon Agave americana - Century Plant	34.30	
32 93 13 00-0207	EA	15 Gallon Agave americana - Century Plant	105.06	
32 93 13 00-0208	EA	24" Box Agave americana - Century Plant	375.20	
32 93 13 00-0209	EA	1 Gallon Agave vilmoriniana - Octopus Agave	12.65	
32 93 13 00-0210	EA	5 Gallon Agave vilmoriniana - Octopus Agave	34.30	
32 93 13 00-0211	EA	15 Gallon Agave vilmoriniana - Octopus Agave	105.06	
32 93 13 00-0212	EA	24" Box Agave vilmoriniana - Octopus Agave	375.20	
32 93 13 00-0213	EA	5 Gallon Nolina parryi - Giant Nolina	34.30	

32 93 23 Plants and Bulbs *(32 93)*

Note: Materials only. See CSI section 32 93 83 00-0057 for installation and planting of bulbs and annuals.

32 93 23 00-0001 Perennials *(32 93 23)*

32 93 23 00-0002	EA	2 Quart Assorted Daylilies	25.71	
32 93 23 00-0003	EA	1 Gallon Assorted Daylilies	36.35	
32 93 23 00-0004	EA	2 Gallon Assorted Daylilies	60.29	
32 93 23 00-0005	EA	1 Quart Azure Penstemon	13.30	
32 93 23 00-0006	EA	1 Gallon Azure Penstemon	33.25	
32 93 23 00-0007	EA	1 Quart Balloon Flower	13.30	
32 93 23 00-0008	EA	1 Gallon Balloon Flower	33.25	
32 93 23 00-0009	EA	1 Quart Black-eyed Susan	13.30	
32 93 23 00-0010	EA	1 Gallon Black-eyed Susan	33.25	
32 93 23 00-0011	EA	2 Gallon Black-eyed Susan	43.00	
32 93 23 00-0012	EA	1 Quart Blackberry Lily	13.30	
32 93 23 00-0013	EA	1 Gallon Blackberry Lily	33.25	
32 93 23 00-0014	EA	1 Quart Blank Flower	13.30	
32 93 23 00-0015	EA	1 Gallon Blank Flower	30.59	
32 93 23 00-0016	EA	2 Gallon Blank Flower	43.00	
32 93 23 00-0017	EA	1 Quart Blazing Star, Gayfeather	13.30	
32 93 23 00-0018	EA	1 Gallon Blazing Star, Gayfeather	33.25	
32 93 23 00-0019	EA	1 Quart Bloodred Geranium	22.61	
32 93 23 00-0020	EA	1 Gallon Bloodred Geranium	38.13	
32 93 23 00-0021	EA	1 Quart Blue Plumbago	13.30	
32 93 23 00-0022	EA	1 Gallon Blue Plumbago	33.25	
32 93 23 00-0023	EA	1 Quart Blue Star	23.94	
32 93 23 00-0024	EA	1 Gallon Blue Star	38.13	
32 93 23 00-0025	EA	1 Quart Cardinal Flower	13.30	
32 93 23 00-0026	EA	1 Gallon Cardinal Flower	33.25	
32 93 23 00-0027	EA	4" Pot Columbine	7.98	
32 93 23 00-0028	EA	1 Quart Columbine	13.30	
32 93 23 00-0029	EA	1 Gallon Columbine	33.25	
32 93 23 00-0030	EA	1 Quart Common Globeflower	13.30	
32 93 23 00-0031	EA	1 Gallon Common Globeflower	33.25	
32 93 23 00-0032	EA	1 Quart Cottage Pink, Scotch Pink	13.30	
32 93 23 00-0033	EA	1 Quart Cottage Pink, Scotch Pink	33.25	
32 93 23 00-0034	EA	1 Gallon Astilbe 'Deutschland'	47.88	
32 93 23 00-0035	EA	1 Quart Diploid	16.85	
32 93 23 00-0036	EA	1 Gallon Diploid	38.13	
32 93 23 00-0037	EA	3 Gallon Diploid	65.61	
32 93 23 00-0038	EA	4" Pot Dune Sunflower	18.98	
32 93 23 00-0039	EA	1 Quart Evans Begonia	23.94	
32 93 23 00-0040	EA	1 Gallon Evans Begonia	43.00	
32 93 23 00-0041	EA	1 Quart False Dragonhead	13.30	
32 93 23 00-0042	EA	1 Gallon False Dragonhead	33.25	
32 93 23 00-0043	EA	1 Quart False Spirea	13.30	
32 93 23 00-0044	EA	1 Gallon False Spirea	43.00	
32 93 23 00-0045	EA	3 Gallon False Spirea	59.40	
32 93 23 00-0046	EA	2 Quart False Sunflower	21.28	
32 93 23 00-0047	EA	1 Gallon False Sunflower	33.25	
32 93 23 00-0048	EA	2 Gallon False Sunflower	43.00	
32 93 23 00-0049	EA	1 Gallon Foxglove	30.59	
32 93 23 00-0050	EA	2 Gallon Foxglove	43.00	
32 93 23 00-0051	EA	3 Gallon Foxglove	62.06	
32 93 23 00-0052	EA	1 Gallon Francee Hostas	53.84	
32 93 23 00-0053	EA	1 Quart Garden Phlox	13.30	
32 93 23 00-0054	EA	1 Gallon Garden Phlox	33.25	
32 93 23 00-0055	EA	2 Quart Golden Groundsel	28.37	
32 93 23 00-0056	EA	2 Gallon Golden Groundsel	57.19	
32 93 23 00-0057	EA	1 Quart Golden Star	13.30	
32 93 23 00-0058	EA	1 Gallon Golden Star	33.25	
32 93 23 00-0059	EA	1 Quart Goldenrod	13.30	
32 93 23 00-0060	EA	1 Gallon Goldenrod	33.25	
32 93 23 00-0061	EA	1 Gallon Happy Returns Daylillies	61.92	
32 93 23 00-0062	EA	4" Pot Hardy Aster, Michaelmas Daisy	7.98	
32 93 23 00-0063	EA	1 Quart Hardy Aster, Michaelmas Daisy	13.30	
32 93 23 00-0064	EA	1 Gallon Hardy Aster, Michaelmas Daisy	33.25	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 23 00-0065	EA	1 Quart Hardy Chrysanthemum	11.53	
32 93 23 00-0066	EA	6" To 8" Pot Hardy Chrysanthemum	19.07	
32 93 23 00-0067	EA	1 Gallon Hardy Chrysanthemum	30.59	
32 93 23 00-0068	EA	1 Gallon Herbaceous Peony	47.44	
32 93 23 00-0069	EA	2 Gallon Herbaceous Peony	75.81	
32 93 23 00-0070	EA	3 Gallon Herbaceous Peony	99.75	
32 93 23 00-0071	EA	4" Pot Japanese Anemone	7.98	
32 93 23 00-0072	EA	1 Quart Japanese Anemone	23.94	
32 93 23 00-0073	EA	2 Gallon Japanese Anemone	43.00	
32 93 23 00-0074	EA	2" Pot Japanese Spurge	4.73	
32 93 23 00-0075	EA	6" Pot Japanese Spurge	7.09	
32 93 23 00-0076	EA	1 Gallon Japanese Spurge	30.54	
32 93 23 00-0077	EA	1 Quart Oriental Poppy	19.07	
32 93 23 00-0078	EA	1 Gallon Oriental Poppy	38.13	
32 93 23 00-0079	EA	48 Plant Flat Pachysandra terminalis	158.03	
32 93 23 00-0080	EA	1 Gallon Pacific Coast Iris	26.16	
32 93 23 00-0081	EA	3 Gallon Pacific Coast Iris	49.66	
32 93 23 00-0082	EA	1 Gallon Palace Purple Coral Bells	50.34	
32 93 23 00-0083	EA	4" Pot Perennial Salvia	7.98	
32 93 23 00-0084	EA	1 Quart Perennial Salvia	13.30	
32 93 23 00-0085	EA	1 Gallon Perennial Salvia	33.25	
32 93 23 00-0086	EA	1 Quart Pincushion Flower	13.30	
32 93 23 00-0087	EA	1 Gallon Pincushion Flower	33.25	
32 93 23 00-0088	EA	2 Quart Plantain Lily	25.71	
32 93 23 00-0089	EA	1 Gallon Plantain Lily	36.35	
32 93 23 00-0090	EA	2 Gallon Plantain Lily	60.29	
32 93 23 00-0091	EA	3 Gallon Plantain Lily	113.94	
32 93 23 00-0092	EA	2 Quart Purple Coneflower	23.94	
32 93 23 00-0093	EA	1 Gallon Purple Coneflower	33.25	
32 93 23 00-0094	EA	2 Gallon Purple Coneflower	43.00	
32 93 23 00-0095	EA	1 Quart Purple Loosestrife	13.30	
32 93 23 00-0096	EA	1 Gallon Purple Loosestrife	33.25	
32 93 23 00-0097	EA	1 Quart Rose Mallow	26.16	
32 93 23 00-0098	EA	2 Gallon Rose Mallow	47.44	
32 93 23 00-0099	EA	3 Gallon Rose Mallow	81.13	
32 93 23 00-0100	EA	1 Gallon Autumn Joy Sedum	50.69	
32 93 23 00-0101	EA	1 Quart Siberian Iris	22.61	
32 93 23 00-0102	EA	2 Gallon Siberian Iris	43.00	
32 93 23 00-0103	EA	3 Gallon Siberian Iris	59.40	
32 93 23 00-0104	EA	1 Quart Speedwell	13.30	
32 93 23 00-0105	EA	1 Gallon Speedwell	33.25	
32 93 23 00-0106	EA	1 Quart Tetraploid	33.25	
32 93 23 00-0107	EA	1 Gallon Tetraploid	62.06	
32 93 23 00-0108	EA	3 Gallon Tetraploid	84.68	
32 93 23 00-0109	EA	1 Quart Threadleaf Coreopsis	13.30	
32 93 23 00-0110	EA	1 Gallon Threadleaf Coreopsis	33.25	
32 93 23 00-0111	EA	1 Quart Torch Lily	13.30	
32 93 23 00-0112	EA	1 Quart Bluebeard	23.94	
32 93 23 00-0113	EA	1 Gallon Bluebeard	35.47	
32 93 23 00-0114	EA	2 Gallon Bluebeard	51.87	
32 93 23 00-0115	EA	1 Gallon Anemopsis californica - Yerba Mansa	13.01	
32 93 23 00-0116	EA	1 Gallon Artemisia palmeri - San Diego Sagewort	11.56	
32 93 23 00-0117	EA	1 Gallon Arthrocnemum subterminale - Parish's Pickleweed	14.46	
32 93 23 00-0118	EA	1 Gallon Cressa truxillensis - Alkali Weed	14.46	
32 93 23 00-0119	EA	1 Gallon Frankenia salina - Alkali Heath	11.56	
32 93 23 00-0120	EA	4" Pot Jaumea carnosa - Salt Marsh Daisy	5.79	
32 93 23 00-0121	EA	1 Gallon Jaumea carnosa - Salt Marsh Daisy	11.58	
32 93 23 00-0122	EA	1 Gallon Juncus acutus - Spiny Rush	11.56	
32 93 23 00-0123	EA	5 Gallon Juncus acutus - Spiny Rush	30.25	
32 93 23 00-0124	EA	1 Gallon Limonium californicum - Sea Lavender	11.56	
32 93 23 00-0125	EA	1 Gallon Salicornia virginica - Deer Weed	11.56	
32 93 23 00-0126	EA	1 Gallon Suaeda esteroa - Sea Blite	14.46	
32 93 23 00-0127	EA	1 Gallon Suaeda taxifolia - Wooly Sea Blite	11.56	
32 93 23 00-0128		**Annuals** *(32 93 23)*		
32 93 23 00-0129	EA	2-1/2" Pot Annual Flowers	6.17	
32 93 23 00-0130	EA	3" Pot Annual Flowers	8.35	
32 93 23 00-0131	EA	4" Pot Annual Flowers	17.84	
32 93 23 00-0132	EA	5-1/2" Pot Annual Flowers	23.73	
32 93 23 00-0133	EA	6" Pot Annual Flowers	46.98	
32 93 23 00-0134	EA	8" Pot Annual Flowers	78.30	
32 93 23 00-0135	EA	36 Plant Flat Annual Flowers	102.50	
32 93 23 00-0136	EA	48 Plant Flat Annual Flowers	116.27	
32 93 23 00-0137		**Bulbs** *(32 93 23)*		
32 93 23 00-0138	EA	Top Size Allium giganteum - Giant Ornamental Onion	21.46	
32 93 23 00-0139	EA	Top Size Allium sphaerocephalum - Drumstick Ornamental Onion	1.24	
32 93 23 00-0140	EA	Top Size Crocus Hybrid	1.40	
32 93 23 00-0141	EA	Top Size Eranthis hyemalis - Winter Aconite	1.82	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 23 00-0142	EA	Top Size Galanthus nivalis - Snowdrops	2.31	
32 93 23 00-0143	EA	Top Size Iris reticulata cvs - Dutch Iris	0.91	
32 93 23 00-0144	EA	Top Size Muscari armeniacum - Grape Hyacinth	1.07	
32 93 23 00-0145	EA	Top Size Muscari latifolium - Grape Hyacinth	1.24	
32 93 23 00-0146	EA	Narcissus 'Carlton' - Carlton Daffodil DNI	7.43	
32 93 23 00-0147	EA	Narcissus 'Dutch Master' - Dutch Master Daffodil DNI	3.55	
32 93 23 00-0148	EA	Narcissus 'February Gold' - February Gold Daffodil DNI	3.71	
32 93 23 00-0149	EA	Narcissus 'Ice Follies' - Ice Follies Daffodil DNI	3.71	
32 93 23 00-0150	EA	Narcissus 'Mount Hood' - Mount Hood Daffodil DNI	3.88	
32 93 23 00-0151	EA	Narcissus 'Papillon Blanc' - Papillon Blanc Daffodil DNI	4.13	
32 93 23 00-0152	EA	Narcissus 'Pipit' - Pipit Daffodil DNI	3.88	
32 93 23 00-0153	EA	Narcissus 'Salome' - Salome Daffodil DNI	3.63	
32 93 23 00-0154	EA	Narcissus 'Tete A Tete' - Tete A Tete Daffodil DNI	3.88	
32 93 23 00-0155	EA	Narcissus 'Thalia' - Thalia Daffodil DNI	3.88	
32 93 23 00-0156	EA	Top Size Scilla siberica - Siberian Squill	1.16	
32 93 23 00-0157	EA	Top Size Tulip 'Angelique' - Angelique Tulip	3.30	
32 93 23 00-0158	EA	Top Size Tulip 'Apeldoorn' - Apeldoorn Tulip	2.48	
32 93 23 00-0159	EA	Top Size Tulip 'Apricot Beauty' - Apricot Beauty Tulip	3.30	
32 93 23 00-0160	EA	Top Size Tulip 'Big Smile' - Big Smile Tulip	2.89	
32 93 23 00-0161	EA	Top Size Tulip 'Black Parrot' - Black Parrot Tulip	4.13	
32 93 23 00-0162	EA	Top Size Tulip 'Blue Heron' - Blue Heron Tulip	3.14	
32 93 23 00-0163	EA	Top Size Tulip 'Cardinal' - Cardinal Tulip	2.72	
32 93 23 00-0164	EA	Top Size Tulip 'Christmas Marvel' - Christmas Marvel Tulip	3.05	
32 93 23 00-0165	EA	Top Size Tulip clusiana - Species Tulip	3.05	
32 93 23 00-0166	EA	Top Size Tulip 'Elizabeth Arden' - Elizabeth Arden Tulip	3.05	
32 93 23 00-0167	EA	Top Size Tulip 'Golden Apledoorn' - Golden Apledoorn Tulip	2.48	
32 93 23 00-0168	EA	Top Size Tulip 'Golden Emperor' - Golden Emperor Tulip	2.39	
32 93 23 00-0169	EA	Top Size Tulip 'Halcro' - Halcro Tulip	2.48	
32 93 23 00-0170	EA	Top Size Tulip 'Ivory Floridale' - Ivory FloradaleTulip	4.13	
32 93 23 00-0171	EA	Top Size Tulip 'Orange Emperor' - Orange Emperor Tulip	2.48	
32 93 23 00-0172	EA	Top Size Tulip 'Passionale' - Passionale Tulip	3.30	
32 93 23 00-0173	EA	Top Size Tulip 'Peach Blossom' - Peach Blossom Tulip	3.55	
32 93 23 00-0174	EA	Top Size Tulip 'Peer Gynt' - Peer Gynt Tulip	3.71	
32 93 23 00-0175	EA	Top Size Tulip 'Pink Diamond' - Pink Diamond Tulip	2.97	
32 93 23 00-0176	EA	Top Size Tulip 'Pink Emperor' - Pink Emperor Tulip	2.81	
32 93 23 00-0177	EA	Top Size Tulip praetens 'Fusilier' - Praetens Fusilier Tulip	3.05	
32 93 23 00-0178	EA	Top Size Tulip 'Princeps' - Princeps Tulip	3.05	
32 93 23 00-0179	EA	Top Size Tulip 'Red Riding Hood' - Red Riding Hood Tulip	2.39	
32 93 23 00-0180	EA	Top Size Tulip saxatilis - Species Tulip	1.65	
32 93 23 00-0181	EA	Top Size Tulip 'Shirley - Shirley Tulip	2.48	
32 93 23 00-0182	EA	Top Size Tulip 'Spring Green' - Spring Green Tulip	3.22	
32 93 23 00-0183	EA	Top Size Tulip 'White Emperor' - White Emperor Tulip	2.48	

32 93 23 00-0184 Localized Landscaping *(32 93 23)*

32 93 23 00-0185	EA	Tipuana Tipu - Tipu Tree, 15 Gallon	407.33	
32 93 23 00-0186	EA	Tipuana Tipu - Tipu Tree, 24" Box	1,205.36	
32 93 23 00-0187	EA	Euryops Pectinatus - Euryops, 1 Gallon	22.62	
32 93 23 00-0188	EA	Euryops Pectinatus - Euryops, 5 Gallon	82.26	
32 93 23 00-0189	EA	Photinia X Fraseri - Photinia, 1 Gallon	39.08	
32 93 23 00-0190	EA	Photinia X Fraseri - Photinia, 5 Gallon	106.53	
32 93 23 00-0191	EA	Photinia X Fraseri - Photinia, 15 Gallon	394.87	
32 93 23 00-0192	EA	Rhapiolepis Indica 'Enchantress' - Indian Hawthorn, 1 Gallon	81.85	
32 93 23 00-0193	EA	Rhapiolepis Indica 'Enchantress' - Indian Hawthorn, 5 Gallon	328.64	
32 93 23 00-0194	EA	Sienna Artemisiodes - Feathery Cassia, 1 Gallon	34.96	
32 93 23 00-0195	EA	Vinca Major - Periwinkle, 1 Gallon	30.85	
32 93 23 00-0196	EA	Vinca Major - Periwinkle, 3 Gallon	61.70	
32 93 23 00-0197	EA	Agave Attienuata - Foxtail Agave, 1 Gallon	46.98	
32 93 23 00-0198	EA	Agave Attienuata - Foxtail Agave, 5 Gallon	237.28	
32 93 23 00-0199	EA	Artemesia 'Powis Castle' - Artemesia, 1 Gallon	79.73	
32 93 23 00-0200	EA	Dietes Bicolor - Fortnight Lilly, 4" Pot	9.49	
32 93 23 00-0201	EA	Dietes Bicolor - Fortnight Lilly, 1 Gallon	16.61	
32 93 23 00-0202	EA	Dietes Bicolor - Fortnight Lilly, 3 Gallon	52.20	
32 93 23 00-0203	EA	Helianthemum Nummularium - Sunrose, 1 Gallon	75.83	
32 93 23 00-0204	EA	1 Gallon Hesperaloe parvifolia - Red Yucca	56.00	
32 93 23 00-0205	EA	5 Gallon Hesperaloe parvifolia - Red Yucca	151.86	
32 93 23 00-0206	EA	Hypericun Calycium - Aaron's Beard, 4" Pot	9.49	
32 93 23 00-0207	EA	Hypericun Calycium - Aaron's Beard, 1 Gallon	33.22	
32 93 23 00-0208	EA	Lantana Montevidensis - Lantana Sellowiana, 1 Gallon	26.10	
32 93 23 00-0209	EA	Leucadendron Discolor ' Flame Tips' - Leucadendron, 1 Gallon	56.95	
32 93 23 00-0210	EA	Leucadendron Discolor ' Flame Tips' - Leucadendron, 5 Gallon	237.28	
32 93 23 00-0211	EA	Myoporum Pacificum - Myoporum, 1 Gallon	27.71	
32 93 23 00-0212	EA	Rosmarinus Offinalis - Trailing Rosemary, 1 Gallon	23.73	
32 93 23 00-0213	EA	Rosmarinus Offinalis - Trailing Rosemary, 5 Gallon	71.18	
32 93 23 00-0214	EA	Salvia Greggii - Autumn Sage, 1 Gallon	16.93	
32 93 23 00-0215	EA	Salvia Greggii - Autumn Sage, 2 Gallon	71.18	
32 93 23 00-0216	EA	Salvia Greggii - Autumn Sage, 5 Gallon	128.13	
32 93 23 00-0217	EA	Senecio Mandraliscae - Senecio, 1 Gallon	39.77	
32 93 23 00-0218	EA	Senecio Mandraliscae - Senecio, 5 Gallon	151.86	
32 93 23 00-0219	EA	Trachelospermum Jasminoides - Star Jasmine, 1 Gallon	32.66	
32 93 23 00-0220	EA	Trachelospermum Jasminoides - Star Jasmine, 3 Gallon	69.51	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 23 00-0221	EA	Trachelospermum Jasminoides - Star Jasmine, 5 Gallon	130.80	
32 93 23 00-0222	EA	Tradessantia Pallida 'Purpurea' - Purple Heart, 1 Gallon	35.59	
32 93 23 00-0223	EA	Verbena Tenuisecta - Moss Verbena, 1 Gallon	18.51	
32 93 23 00-0224	EA	Verbena Tenuisecta - Moss Verbena, 5 Gallon	66.44	
32 93 23 00-0225	EA	Westringia Fruticosa - Coast Rosemary, 1 Gallon	47.46	
32 93 23 00-0226	EA	Westringia Fruticosa - Coast Rosemary, 3 Gallon	90.17	
32 93 23 00-0227	EA	Westringia Fruticosa - Coast Rosemary, 5 Gallon	128.13	

32 93 33 Shrubs *(32 93)*

Note: (cvs = cultivar or cultivated varities) materials only. See CSI section 32 93 83 00-0033 for installation and planting of shurbs.

32 93 33 00-0001 Shrubs *(32 93 33)*

32 93 33 00-0002	EA	1 Gallon Abelia x grandiflora - Abelia	22.62	
32 93 33 00-0003	EA	3 Gallon Abelia x grandiflora - Abelia	46.07	
32 93 33 00-0004	EA	5 Gallon Abelia x grandiflora - Abelia	88.43	
32 93 33 00-0005	EA	3 Gallon Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye	105.93	
32 93 33 00-0006	EA	18" Balled and Burlapped, Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye	154.82	
32 93 33 00-0007	EA	24" Balled and Burlapped, Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye	172.74	
32 93 33 00-0008	EA	30" Balled and Burlapped, Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye	218.37	
32 93 33 00-0009	EA	36" Balled and Burlapped, Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye	242.82	
32 93 33 00-0010	EA	18" Balled and Burlapped, Aesculus parviflora - Bottlebrush Buckeye	48.89	
32 93 33 00-0011	EA	24" Balled and Burlapped, Aesculus parviflora - Bottlebrush Buckeye	65.19	
32 93 33 00-0012	EA	30" Balled and Burlapped, Aesculus parviflora - Bottlebrush Buckeye	81.48	
32 93 33 00-0013	EA	36" Balled and Burlapped, Aronia arbutifolia & cvs - Red Chokeberry	44.47	
32 93 33 00-0014	EA	42" Balled and Burlapped, Aronia arbutifolia & cvs - Red Chokeberry	52.31	
32 93 33 00-0015	EA	48" Balled and Burlapped, Aronia arbutifolia & cvs - Red Chokeberry	62.78	
32 93 33 00-0016	EA	60" Balled and Burlapped, Aronia arbutifolia & cvs - Red Chokeberry	73.24	
32 93 33 00-0017	EA	72" Balled and Burlapped, Aronia arbutifolia & cvs - Red Chokeberry	88.93	
32 93 33 00-0018	EA	36" Balled and Burlapped, Aronia melanocarpa & cvs - Black Chokeberry	43.16	
32 93 33 00-0019	EA	42" Balled and Burlapped, Aronia melanocarpa & cvs - Black Chokeberry	45.77	
32 93 33 00-0020	EA	48" Balled and Burlapped, Aronia melanocarpa & cvs - Black Chokeberry	48.39	
32 93 33 00-0021	EA	60" Balled and Burlapped, Aronia melanocarpa & cvs - Black Chokeberry	54.93	
32 93 33 00-0022	EA	36" Balled and Burlapped, Aronia prunifolia - Purple-Fruited Chokeberry	43.81	
32 93 33 00-0023	EA	42" Balled and Burlapped, Aronia prunifolia - Purple-Fruited Chokeberry	46.43	
32 93 33 00-0024	EA	48" Balled and Burlapped, Aronia prunifolia - Purple-Fruited Chokeberry	49.04	
32 93 33 00-0025	EA	60" Balled and Burlapped, Aronia prunifolia - Purple-Fruited Chokeberry	51.66	
32 93 33 00-0026	EA	1 Gallon Aspidistra elatior - Cast Iron Plant	8.99	
32 93 33 00-0027	EA	2 Gallon Aspidistra elatior - Cast Iron Plant	20.79	
32 93 33 00-0028	EA	1 Gallon Baccharis pilularis 'Pigeon Point' - Dwarf Coyote Brush	9.61	
32 93 33 00-0029	EA	5 Gallon Baccharis pilularis 'Pigeon Point' - Dwarf Coyote Brush	23.78	
32 93 33 00-0030	EA	1 Gallon Baccharis pilularis 'Twin Peaks' - Dwarf Coyote Brush	9.61	
32 93 33 00-0031	EA	5 Gallon Baccharis pilularis 'Twin Peaks' - Dwarf Coyote Brush	23.78	
32 93 33 00-0032	EA	1 Gallon Aucuba japonica "Variegata" - Gold Dust Plant	10.54	
32 93 33 00-0033	EA	3 Gallon Aucuba japonica "Variegata" - Gold Dust Plant	23.18	
32 93 33 00-0034	EA	5 Gallon Aucuba japonica "Variegata" - Gold Dust Plant	31.33	
32 93 33 00-0035	EA	1 Gallon Bauhinia purpurea - Orange-eye Butterfly Bush	11.24	
32 93 33 00-0036	EA	2 Gallon Bauhinia purpurea - Orange-eye Butterfly Bush	16.44	
32 93 33 00-0037	EA	15" To 18" Berberis - Northern Bayberry	46.92	
32 93 33 00-0038	EA	2' To 2-1/2' Berberis - Northern Bayberry	59.57	
32 93 33 00-0039	EA	2-1/2' To 3' Berberis - Northern Bayberry	83.46	
32 93 33 00-0040	EA	1 Gallon Berberis Buxifolia 'Nana' - Barberry	10.85	
32 93 33 00-0041	EA	5 Gallon Berberis Buxifolia 'Nana' - Barberry	26.15	
32 93 33 00-0042	EA	18" To 24" Berberis julianae - Dwarf Wintergreen Barberry	50.16	
32 93 33 00-0043	EA	2' To 2-1/2' Berberis julianae - Dwarf Wintergreen Barberry	64.21	
32 93 33 00-0044	EA	2-1/2' To 3' Berberis julianae - Dwarf Wintergreen Barberry	82.05	
32 93 33 00-0045	EA	1 Gallon Berberis thunbergii - Crimson Pygmy Barberry	13.49	
32 93 33 00-0046	EA	2 Gallon Berberis thunbergii - Crimson Pygmy Barberry	26.55	
32 93 33 00-0047	EA	3 Gallon Berberis thunbergii - Crimson Pygmy Barberry	32.45	
32 93 33 00-0048	EA	1 Gallon Berberis x mentorensis - Mentor Barberry	12.79	
32 93 33 00-0049	EA	5 Gallon Berberis x mentorensis - Mentor Barberry	36.11	
32 93 33 00-0050	EA	2' To 3' Berberis x mentorensis - Mentor Barberry	50.16	
32 93 33 00-0051	EA	3' To 4' Berberis x mentorensis - Mentor Barberry	77.41	
32 93 33 00-0052	EA	1 Gallon Buxus microphylla japonica - Japanese Boxwood	14.61	
32 93 33 00-0053	EA	5 Gallon Buxus microphylla japonica - Japanese Boxwood	39.20	
32 93 33 00-0054	EA	12" To 15" Buxus microphylla japonica - Japanese Boxwood	41.73	
32 93 33 00-0055	EA	15" To 18" Buxus microphylla japonica - Japanese Boxwood	53.67	
32 93 33 00-0056	EA	18" To 24" Buxus microphylla japonica - Japanese Boxwood	71.51	
32 93 33 00-0057	EA	24" To 30" Buxus microphylla japonica - Japanese Boxwood	107.34	
32 93 33 00-0058	EA	30" To 36" Buxus microphylla japonica - Japanese Boxwood	149.07	
32 93 33 00-0059	EA	12" To 15" Buxus sempervirens - Common Boxwood	41.73	
32 93 33 00-0060	EA	15" To 18" Buxus sempervirens - Common Boxwood	53.67	
32 93 33 00-0061	EA	18" To 24" Buxus sempervirens - Common Boxwood	71.51	
32 93 33 00-0062	EA	24" To 30" Buxus sempervirens - Common Boxwood	107.34	
32 93 33 00-0063	EA	2 Gallon Buxus Hybrid - Boxwood Cultivars	27.46	
32 93 33 00-0064	EA	5 Gallon Buxus Hybrid - Boxwood Cultivars	45.77	
32 93 33 00-0065	EA	5 Gallon Buxus microphylla & cvs - Little leaf Boxwood	120.32	
32 93 33 00-0066	EA	18" Balled and Burlapped, Buxus microphylla & cvs - Little leaf Boxwood	65.39	
32 93 33 00-0067	EA	24" Balled and Burlapped, Buxus microphylla & cvs - Little leaf Boxwood	88.93	
32 93 33 00-0068	EA	30" Balled and Burlapped, Buxus microphylla & cvs - Little leaf Boxwood	120.32	
32 93 33 00-0069	EA	1 Gallon Callistemon citrinus ' Little John' - Dwarf Bottle Bush	8.36	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0070	EA	5 Gallon Callistemon citrinus ' Little John' - Dwarf Bottle Bush	25.73	
32 93 33 00-0071	EA	15 Gallon Callistemon citrinus ' Little John' - Dwarf Bottle Bush	83.62	
32 93 33 00-0072	EA	5 Gallon Calycanthus floridus - Common Sweetshrub	43.16	
32 93 33 00-0073	EA	30" Balled and Burlapped, Calycanthus floridus - Common Sweetshrub	39.23	
32 93 33 00-0074	EA	36" Balled and Burlapped, Calycanthus floridus - Common Sweetshrub	52.31	
32 93 33 00-0075	EA	1 Gallon Camellia "Sasanqua" - Camellia	16.76	
32 93 33 00-0076	EA	3 Gallon Camellia "Sasanqua" - Camellia	35.75	
32 93 33 00-0077	EA	5 Gallon Camellia "Sasanqua" - Camellia	59.43	
32 93 33 00-0078	EA	7 Gallon Camellia "Sasanqua" - Camellia	88.50	
32 93 33 00-0079	EA	15 Gallon Camellia "Sasanqua" - Camellia	229.62	
32 93 33 00-0080	EA	1 Gallon Camellia japonica - Camellia	16.76	
32 93 33 00-0081	EA	3 Gallon Camellia japonica - Camellia	35.75	
32 93 33 00-0082	EA	5 Gallon Camellia japonica - Camellia	59.43	
32 93 33 00-0083	EA	5 Gallon Ceanothus americanus - New Jersey Tea	43.16	
32 93 33 00-0084	EA	1 Gallon Ceanothus Griseus Horizontalis 'Yankee Point' - Yankee Point Ceanothus	10.85	
32 93 33 00-0085	EA	5 Gallon Ceanothus Griseus Horizontalis 'Yankee Point' - Yankee Point Ceanothus	28.22	
32 93 33 00-0086	EA	5 Gallon Celastrus scandens - Bittersweet	43.16	
32 93 33 00-0087	EA	36" Balled and Burlapped, Celastrus scandens - Bittersweet	36.62	
32 93 33 00-0088	EA	5 Gallon Cephalanthus occidentalis - Buttonbush	43.16	
32 93 33 00-0089	EA	24" Balled and Burlapped, Cephalanthus occidentalis - Buttonbush	32.70	
32 93 33 00-0090	EA	30" Balled and Burlapped, Cephalanthus occidentalis - Buttonbush	36.62	
32 93 33 00-0091	EA	36" Balled and Burlapped, Cephalanthus occidentalis - Buttonbush	39.23	
32 93 33 00-0092	EA	18" To 24" Chaenomeles speciosa - Flowering Quince	37.65	
32 93 33 00-0093	EA	2' To 3' Chaenomeles speciosa - Flowering Quince	50.16	
32 93 33 00-0094	EA	3' To 4' Chaenomeles speciosa - Flowering Quince	77.41	
32 93 33 00-0095	EA	3 Gallon Clethra alnifolia & cvs - Summersweet Clethra	41.85	
32 93 33 00-0096	EA	18" Balled and Burlapped, Clethra alnifolia & cvs - Summersweet Clethra	45.12	
32 93 33 00-0097	EA	24" Balled and Burlapped, Clethra alnifolia & cvs - Summersweet Clethra	50.35	
32 93 33 00-0098	EA	30" Balled and Burlapped, Clethra alnifolia & cvs - Summersweet Clethra	52.97	
32 93 33 00-0099	EA	36" Balled and Burlapped, Clethra alnifolia & cvs - Summersweet Clethra	62.12	
32 93 33 00-0100	EA	1 Gallon Cistus Hybridus - White Rockrose	9.61	
32 93 33 00-0101	EA	5 Gallon Cistus Hybridus - White Rockrose	23.78	
32 93 33 00-0102	EA	1 Gallon Coleonema Pulchellum - Confetti Bush	9.61	
32 93 33 00-0103	EA	5 Gallon Coleonema Pulchellum - Confetti Bush	23.78	
32 93 33 00-0104	EA	15 Gallon Coleonema Pulchellum - Confetti Bush	111.33	
32 93 33 00-0105	EA	2' To 3' Cornus mas - Cornelian Cherry	59.57	
32 93 33 00-0106	EA	3' To 4' Cornus mas - Cornelian Cherry	74.46	
32 93 33 00-0107	EA	4' To 5' Cornus mas - Cornelian Cherry	95.40	
32 93 33 00-0108	EA	5' To 6' Cornus mas - Cornelian Cherry	131.08	
32 93 33 00-0109	EA	5 Gallon Cornus alba & cvs - Tartarian Dogwood	39.23	
32 93 33 00-0110	EA	36" Balled and Burlapped, Cornus alba & cvs - Tartarian Dogwood	27.46	
32 93 33 00-0111	EA	48" Balled and Burlapped, Cornus alba & cvs - Tartarian Dogwood	31.39	
32 93 33 00-0112	EA	60" Balled and Burlapped, Cornus alba & cvs - Tartarian Dogwood	39.23	
32 93 33 00-0113	EA	72" Balled and Burlapped, Cornus alba & cvs - Tartarian Dogwood	47.08	
32 93 33 00-0114	EA	36" Balled and Burlapped, Cornus amomum - Silky Dogwood	39.23	
32 93 33 00-0115	EA	5 Gallon Cornus obliqua - Blue Fruited Dogwood	43.16	
32 93 33 00-0116	EA	5 Gallon Cornus racemosa - Gray Dogwood	43.16	
32 93 33 00-0117	EA	36" Balled and Burlapped, Cornus racemosa - Gray Dogwood	39.23	
32 93 33 00-0118	EA	48" Balled and Burlapped, Cornus racemosa - Gray Dogwood	45.77	
32 93 33 00-0119	EA	60" Balled and Burlapped, Cornus racemosa - Gray Dogwood	49.70	
32 93 33 00-0120	EA	72" Balled and Burlapped, Cornus racemosa - Gray Dogwood	60.16	
32 93 33 00-0121	EA	36" Balled and Burlapped, Cornus sanguinea & cvs - Bloodtwig Dogwood	42.50	
32 93 33 00-0122	EA	48" Balled and Burlapped, Cornus sanguinea & cvs - Bloodtwig Dogwood	47.74	
32 93 33 00-0123	EA	60" Balled and Burlapped, Cornus sanguinea & cvs - Bloodtwig Dogwood	54.27	
32 93 33 00-0124	EA	24" Balled and Burlapped, Cornus sericea & cvs - Redosier Dogwood	34.00	
32 93 33 00-0125	EA	30" Balled and Burlapped, Cornus sericea & cvs - Redosier Dogwood	39.23	
32 93 33 00-0126	EA	36" Balled and Burlapped, Cornus sericea & cvs - Redosier Dogwood	41.85	
32 93 33 00-0127	EA	48" Balled and Burlapped, Cornus sericea & cvs - Redosier Dogwood	45.77	
32 93 33 00-0128	EA	60" Balled and Burlapped, Cornus sericea & cvs - Redosier Dogwood	51.01	
32 93 33 00-0129	EA	5 Gallon Corylus americana - American Filbert	40.54	
32 93 33 00-0130	EA	30" Balled and Burlapped, Corylus americana - American Filbert	45.77	
32 93 33 00-0131	EA	36" Balled and Burlapped, Corylus americana - American Filbert	49.04	
32 93 33 00-0132	EA	48" Balled and Burlapped, Corylus americana - American Filbert	52.97	
32 93 33 00-0133	EA	24" Balled and Burlapped, Corylus avellena - Contorted Hazelnut	130.78	
32 93 33 00-0134	EA	30" Balled and Burlapped, Corylus avellena - Contorted Hazelnut	170.02	
32 93 33 00-0135	EA	36" Balled and Burlapped, Corylus avellena - Contorted Hazelnut	183.10	
32 93 33 00-0136	EA	42" Balled and Burlapped, Corylus avellena - Contorted Hazelnut	235.41	
32 93 33 00-0137	EA	48" Balled and Burlapped, Corylus avellena - Contorted Hazelnut	287.72	
32 93 33 00-0138	EA	60" Balled and Burlapped, Corylus avellena - Contorted Hazelnut	326.96	
32 93 33 00-0139	EA	5' To 6' Cotinus coggygria - Smoke Tree	125.18	
32 93 33 00-0140	EA	6' To 8' Cotinus coggygria - Smoke Tree	187.70	
32 93 33 00-0141	EA	8' To 10' Cotinus coggygria - Smoke Tree	283.10	
32 93 33 00-0142	EA	5 Gallon Cotoneaster acutifolia & cvs - Peking Cotoneaster	32.70	
32 93 33 00-0143	EA	18" Balled and Burlapped, Cotoneaster acutifolia & cvs - Peking Cotoneaster	32.70	
32 93 33 00-0144	EA	24" Balled and Burlapped, Cotoneaster acutifolia & cvs - Peking Cotoneaster	34.00	
32 93 33 00-0145	EA	12" To 15" Spread Cotoneaster adpressus - Creeping Cotoneaster	31.33	
32 93 33 00-0146	EA	3 Gallon Cotoneaster apiculata & cvs - Cranberry Cotoneaster	34.00	
32 93 33 00-0147	EA	18" Balled and Burlapped, Cotoneaster apiculata & cvs - Cranberry Cotoneaster	32.70	
32 93 33 00-0148	EA	24" Balled and Burlapped, Cotoneaster apiculata & cvs - Cranberry Cotoneaster	34.00	
32 93 33 00-0149	EA	1 Gallon Cotoneaster divaricatus - Spreading Cotoneaster	13.49	
32 93 33 00-0150	EA	2' To 3' Cotoneaster divaricatus - Spreading Cotoneaster	41.73	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0151	EA	3' To 4' Cotoneaster divaricatus - Spreading Cotoneaster	56.34	
32 93 33 00-0152	EA	4' To 5' Cotoneaster divaricatus - Spreading Cotoneaster	95.40	
32 93 33 00-0153	EA	1 Gallon Cotoneaster glaucophyllus - Gray Leaf Cotoneaster	9.61	
32 93 33 00-0154	EA	5 Gallon Cotoneaster glaucophyllus - Gray Leaf Cotoneaster	23.78	
32 93 33 00-0155	EA	1 Gallon Cotoneaster horizontalis - Rockspray Cotoneaster	13.49	
32 93 33 00-0156	EA	2 Gallon Cotoneaster horizontalis - Rockspray Cotoneaster	26.55	
32 93 33 00-0157	EA	1 Gallon Cotoneaster lacteus - Red Clusterberry	9.61	
32 93 33 00-0158	EA	5 Gallon Cotoneaster lacteus - Red Clusterberry	23.78	
32 93 33 00-0159	EA	15 Gallon Cotoneaster lacteus - Red Clusterberry	94.38	
32 93 33 00-0160	EA	1 Gallon Dendromecon harfordii - Island Bush Poppy	21.44	
32 93 33 00-0161	EA	5 Gallon Dendromecon harfordii - Island Bush Poppy	53.60	
32 93 33 00-0162	EA	18" Balled and Burlapped, Deutzia gracilis - Slender Deutzia	33.35	
32 93 33 00-0163	EA	24" Balled and Burlapped, Deutzia gracilis - Slender Deutzia	36.62	
32 93 33 00-0164	EA	30" Balled and Burlapped, Deutzia gracilis - Slender Deutzia	47.08	
32 93 33 00-0165	EA	36" Balled and Burlapped, Deutzia gracilis - Slender Deutzia	54.93	
32 93 33 00-0166	EA	42" Balled and Burlapped, Deutzia gracilis - Slender Deutzia	62.78	
32 93 33 00-0167	EA	24" Balled and Burlapped, Diervilla sessilifolia - Southern Bush Honeysuckle	52.31	
32 93 33 00-0168	EA	30" Balled and Burlapped, Diervilla sessilifolia - Southern Bush Honeysuckle	62.78	
32 93 33 00-0169	EA	36" Balled and Burlapped, Diervilla sessilifolia - Southern Bush Honeysuckle	73.24	
32 93 33 00-0170	EA	2 Gallon Diervilla splendens - Splendens Bush Honeysuckle	19.62	
32 93 33 00-0171	EA	36" Balled and Burlapped, Diervilla splendens - Splendens Bush Honeysuckle	47.08	
32 93 33 00-0172	EA	48" Balled and Burlapped, Diervilla splendens - Splendens Bush Honeysuckle	62.78	
32 93 33 00-0173	EA	3' To 4' Elaeagnus umbellata - Autumn Olive	39.06	
32 93 33 00-0174	EA	4' To 5' Elaeagnus umbellata - Autumn Olive	53.67	
32 93 33 00-0175	EA	5' To 6' Elaeagnus umbellata - Autumn Olive	64.21	
32 93 33 00-0176	EA	3' To 4' Elaeagnus angustiflolia - Russian Olive	62.52	
32 93 33 00-0177	EA	1 Gallon Euonymus - Gold Spot	11.24	
32 93 33 00-0178	EA	2 Gallon Euonymus - Gold Spot	23.60	
32 93 33 00-0179	EA	5 Gallon Euonymus - Gold Spot	32.46	
32 93 33 00-0180	EA	1 Gallon Euonymus alatus - Winged Euonymus	9.60	
32 93 33 00-0181	EA	3 Gallon Euonymus alatus - Winged Euonymus	27.67	
32 93 33 00-0182	EA	24" Balled and Burlapped, Euonymus alatus - Winged Euonymus	37.30	
32 93 33 00-0183	EA	30" Balled and Burlapped, Euonymus alatus - Winged Euonymus	46.62	
32 93 33 00-0184	EA	36" Balled and Burlapped, Euonymus alatus - Winged Euonymus	64.07	
32 93 33 00-0185	EA	42" Balled and Burlapped, Euonymus alatus - Winged Euonymus	79.11	
32 93 33 00-0186	EA	48" Balled and Burlapped, Euonymus alatus - Winged Euonymus	93.25	
32 93 33 00-0187	EA	54" Balled and Burlapped, Euonymus alatus - Winged Euonymus	120.32	
32 93 33 00-0188	EA	5 Gallon Euonymus alatus - Winged Euonymus	34.59	
32 93 33 00-0189	EA	60" Balled and Burlapped, Euonymus alatus - Winged Euonymus	150.40	
32 93 33 00-0190	EA	30" Balled and Burlapped, Euonymus alatus compactus - Compact Winged Euonymus	58.85	
32 93 33 00-0191	EA	36" Balled and Burlapped, Euonymus alatus compactus - Compact Winged Euonymus	69.97	
32 93 33 00-0192	EA	42" Balled and Burlapped, Euonymus alatus compactus - Compact Winged Euonymus	91.55	
32 93 33 00-0193	EA	48" Balled and Burlapped, Euonymus alatus compactus - Compact Winged Euonymus	109.86	
32 93 33 00-0194	EA	60" Balled and Burlapped, Euonymus alatus compactus - Compact Winged Euonymus	136.01	
32 93 33 00-0195	EA	18" To 24" Euonymus alatus - Winged Burning Bush	41.73	
32 93 33 00-0196	EA	2' To 2-1/2' Euonymus alatus - Winged Burning Bush	49.17	
32 93 33 00-0197	EA	2-1/2' To 3' Euonymus alatus - Winged Burning Bush	67.16	
32 93 33 00-0198	EA	3' To 3-1/2' Euonymus alatus - Winged Burning Bush	80.50	
32 93 33 00-0199	EA	3-1/2 To 4' Euonymus alatus - Winged Burning Bush	101.30	
32 93 33 00-0200	EA	4' To 5' Euonymus alatus - Winged Burning Bush	143.03	
32 93 33 00-0201	EA	5' To 6' Euonymus alatus - Winged Burning Bush	178.85	
32 93 33 00-0202	EA	6' To 8' Euonymus alatus - Winged Burning Bush	208.64	
32 93 33 00-0203	EA	15" To 18" Euonymus alatus - Dwarf Winged Burning Bush	41.73	
32 93 33 00-0204	EA	18" To 24" Euonymus alatus - Dwarf Winged Burning Bush	47.63	
32 93 33 00-0205	EA	2' To 2-1/2' Euonymus alatus - Dwarf Winged Burning Bush	58.17	
32 93 33 00-0206	EA	2-1/2' To 3' Euonymus alatus - Dwarf Winged Burning Bush	82.05	
32 93 33 00-0207	EA	3' To 3-1/2' Euonymus alatus - Dwarf Winged Burning Bush	96.94	
32 93 33 00-0208	EA	3-1/2' To 4' Euonymus alatus - Dwarf Winged Burning Bush	116.19	
32 93 33 00-0209	EA	4' To 5' Euonymus alatus - Dwarf Winged Burning Bush	163.96	
32 93 33 00-0210	EA	5' To 6' Euonymus alatus - Dwarf Winged Burning Bush	193.74	
32 93 33 00-0211	EA	36" Balled and Burlapped, Euonymus atropurpurea - Eastern Wahoo	35.31	
32 93 33 00-0212	EA	1 Gallon Euonymus fortunei - Wintercreeper	13.49	
32 93 33 00-0213	EA	2 Gallon Euonymus fortunei - Wintercreeper	26.55	
32 93 33 00-0214	EA	3 Gallon Euonymus fortunei - Wintercreeper	32.46	
32 93 33 00-0215	EA	5 Gallon Euonymus fortunei - Wintercreeper	38.50	
32 93 33 00-0216	EA	2' To 3' Forsythia - Korean Forsythia	29.79	
32 93 33 00-0217	EA	3' To 4' Forsythia - Korean Forsythia	37.65	
32 93 33 00-0218	EA	4' To 5' Forsythia - Korean Forsythia	46.92	
32 93 33 00-0219	EA	30" Balled and Burlapped, Forsythia cvs - Forsythia cultivars	30.08	
32 93 33 00-0220	EA	36" Balled and Burlapped, Forsythia cvs - Forsythia cultivars	33.35	
32 93 33 00-0221	EA	48" Balled and Burlapped, Forsythia cvs - Forsythia cultivars	35.97	
32 93 33 00-0222	EA	18" Balled and Burlapped, Forsythia viridissima & cvs - Green Forsythia	31.39	
32 93 33 00-0223	EA	24" Balled and Burlapped, Forsythia viridissima & cvs - Green Forsythia	41.85	
32 93 33 00-0224	EA	24" Balled and Burlapped, Forsythia x intermedia & cvs - Border Forsythia	31.39	
32 93 33 00-0225	EA	30" Balled and Burlapped, Forsythia x intermedia & cvs - Border Forsythia	36.62	
32 93 33 00-0226	EA	36" Balled and Burlapped, Forsythia x intermedia & cvs - Border Forsythia	43.16	
32 93 33 00-0227	EA	42" Balled and Burlapped, Forsythia x intermedia & cvs - Border Forsythia	49.70	
32 93 33 00-0228	EA	48" Balled and Burlapped, Forsythia x intermedia & cvs - Border Forsythia	57.54	
32 93 33 00-0229	EA	2 Gallon Fothergilla gardenii & cvs - Dwarf Fothergilla	44.47	
32 93 33 00-0230	EA	3 Gallon Fothergilla gardenii & cvs - Dwarf Fothergilla	62.12	
32 93 33 00-0231	EA	5 Gallon Fothergilla gardenii & cvs - Dwarf Fothergilla	65.39	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0232	EA	15" Balled and Burlapped, Fothergilla gardenii & cvs - Dwarf Fothergilla	68.01	
32 93 33 00-0233	EA	18" Balled and Burlapped, Fothergilla gardenii & cvs - Dwarf Fothergilla	73.24	
32 93 33 00-0234	EA	24" Balled and Burlapped, Fothergilla gardenii & cvs - Dwarf Fothergilla	88.93	
32 93 33 00-0235	EA	24" Balled and Burlapped, Fothergilla major - Large Fothergilla	115.09	
32 93 33 00-0236	EA	30" Balled and Burlapped, Fothergilla major - Large Fothergilla	130.78	
32 93 33 00-0237	EA	1 Gallon Gardenia jasminoides - Cape Jasmine	9.69	
32 93 33 00-0238	EA	3 Gallon Gardenia jasminoides - Cape Jasmine	25.43	
32 93 33 00-0239	EA	5 Gallon Gardenia jasminoides - Cape Jasmine	32.46	
32 93 33 00-0240	EA	5 Gallon Border Forsythia - Goldenbells	36.11	
32 93 33 00-0241	EA	2' To 3' Border Forsythia - Goldenbells	29.79	
32 93 33 00-0242	EA	3' To 4' Border Forsythia - Goldenbells	37.65	
32 93 33 00-0243	EA	4' To 5' Border Forsythia - Goldenbells	46.93	
32 93 33 00-0244	EA	5' To 6' Border Forsythia - Goldenbells	56.34	
32 93 33 00-0245	EA	6' To 8' Border Forsythia - Goldenbells	77.41	
32 93 33 00-0246	EA	36" Balled and Burlapped, Hamamelis vernalis & cvs - Vernal Witchhazel	91.55	
32 93 33 00-0247	EA	48" Balled and Burlapped, Hamamelis vernalis & cvs - Vernal Witchhazel	149.09	
32 93 33 00-0248	EA	60" Balled and Burlapped, Hamamelis vernalis & cvs - Vernal Witchhazel	188.33	
32 93 33 00-0249	EA	72" Balled and Burlapped, Hamamelis vernalis & cvs - Vernal Witchhazel	287.72	
32 93 33 00-0250	EA	84" Balled and Burlapped, Hamamelis vernalis & cvs - Vernal Witchhazel	326.96	
32 93 33 00-0251	EA	1 Gallon Hedychuium gartdnerum - Variegated Ginger	5.56	
32 93 33 00-0252	EA	3 Gallon Hedychuium gartdnerum - Variegated Ginger	19.55	
32 93 33 00-0253	EA	5 Gallon Hedychuium gartdnerum - Variegated Ginger	37.60	
32 93 33 00-0254	EA	1 Gallon Hibiscus rosa-sinensis - Hibiscus	14.26	
32 93 33 00-0255	EA	3 Gallon Hibiscus rosa-sinensis - Hibiscus	24.06	
32 93 33 00-0256	EA	5 Gallon Hibiscus rosa-sinensis - Hibiscus	36.40	
32 93 33 00-0257	EA	5 Gallon Hibiscus syriacus - Rose Of Sharon	37.65	
32 93 33 00-0258	EA	2' To 3' Hibiscus syriacus - Rose Of Sharon	32.03	
32 93 33 00-0259	EA	3' To 4' Hibiscus syriacus - Rose Of Sharon	43.27	
32 93 33 00-0260	EA	4' To 5' Hibiscus syriacus - Rose Of Sharon	62.52	
32 93 33 00-0261	EA	5' To 6' Hibiscus syriacus - Rose Of Sharon	86.41	
32 93 33 00-0262	EA	2 Gallon Hydrangea - Blue Hydrangea	26.55	
32 93 33 00-0263	EA	5 Gallon Hydrangea - Blue Hydrangea	37.37	
32 93 33 00-0264	EA	2' To 3' Hydrangea paniculata "Grandiflora" - Peegee Hydrangea	41.73	
32 93 33 00-0265	EA	3' To 4' Hydrangea paniculata "Grandiflora" - Peegee Hydrangea	47.63	
32 93 33 00-0266	EA	2 Gallon Hydrangea quercifloia - Oakleaf Hydrangea	26.55	
32 93 33 00-0267	EA	5 Gallon Hydrangea arborescens & cvs - Smooth Hydrangea	45.77	
32 93 33 00-0268	EA	30" Balled and Burlapped, Hydrangea arborescens & cvs - Smooth Hydrangea	49.70	
32 93 33 00-0269	EA	36" Balled and Burlapped, Hydrangea arborescens & cvs - Smooth Hydrangea	57.54	
32 93 33 00-0270	EA	4 Gallon Hydrangea macrophylla & cvs - Bigleaf Hydrangea	60.16	
32 93 33 00-0271	EA	18" Balled and Burlapped, Hydrangea macrophylla & cvs - Bigleaf Hydrangea	47.08	
32 93 33 00-0272	EA	24" Balled and Burlapped, Hydrangea macrophylla & cvs - Bigleaf Hydrangea	62.78	
32 93 33 00-0273	EA	3 Gallon Hydrangea paniculata & cvs - Panicle Hydrangea	27.46	
32 93 33 00-0274	EA	5 Gallon Hydrangea paniculata & cvs - Panicle Hydrangea	32.70	
32 93 33 00-0275	EA	18" Balled and Burlapped, Hydrangea paniculata & cvs - Panicle Hydrangea	28.12	
32 93 33 00-0276	EA	24" Balled and Burlapped, Hydrangea paniculata & cvs - Panicle Hydrangea	30.08	
32 93 33 00-0277	EA	30" Balled and Burlapped, Hydrangea paniculata & cvs - Panicle Hydrangea	34.00	
32 93 33 00-0278	EA	36" Balled and Burlapped, Hydrangea paniculata & cvs - Panicle Hydrangea	39.23	
32 93 33 00-0279	EA	48" Balled and Burlapped, Hydrangea paniculata & cvs - Panicle Hydrangea	52.31	
32 93 33 00-0280	EA	18" Balled and Burlapped, Hydrangea quercifolia & cvs - Oakleaf Hydrangea	37.93	
32 93 33 00-0281	EA	24" Balled and Burlapped, Hydrangea quercifolia & cvs - Oakleaf Hydrangea	43.16	
32 93 33 00-0282	EA	30" Balled and Burlapped, Hydrangea quercifolia & cvs - Oakleaf Hydrangea	51.01	
32 93 33 00-0283	EA	2 Gallon Hypericum kalmianum - St. John's Wort	26.55	
32 93 33 00-0284	EA	3 Gallon Hypericum kalmianum - Kalm St. John's Wort	31.39	
32 93 33 00-0285	EA	24" Balled and Burlapped, Hypericum kalmianum - Kalm St. John's Wort	34.00	
32 93 33 00-0286	EA	1 Gallon Ilex "Carissa" - Holly	13.49	
32 93 33 00-0287	EA	2 Gallon Ilex "Carissa" - Holly	26.55	
32 93 33 00-0288	EA	5 Gallon Ilex "Carissa" - Holly	37.37	
32 93 33 00-0289	EA	18" To 24" Ilex - Gulftide Sweet Holly	35.83	
32 93 33 00-0290	EA	2' To 2-1/2' Ilex - Gulftide Sweet Holly	45.38	
32 93 33 00-0291	EA	2-1/2' To 3' Ilex - Gulftide Sweet Holly	58.87	
32 93 33 00-0292	EA	3' To 3-1/2' Ilex - Gulftide Sweet Holly	71.51	
32 93 33 00-0293	EA	3 Gallon Ilex cornuta - Dwarf Horned Holly	26.76	
32 93 33 00-0294	EA	1 Gallon Ilex cornuta, Osmanthus heterophyllus - Dwarf Chinese Holly	13.49	
32 93 33 00-0295	EA	2 Gallon Ilex cornuta, Osmanthus heterophyllus - Dwarf Chinese Holly	26.55	
32 93 33 00-0296	EA	5 Gallon Ilex cornuta, Osmanthus heterophyllus - Dwarf Chinese Holly	38.50	
32 93 33 00-0297	EA	1 Gallon Ilex crenata - Hellers Japanese Holly	13.49	
32 93 33 00-0298	EA	2 Gallon Ilex crenata - Hellers Japanese Holly	29.51	
32 93 33 00-0299	EA	3 Gallon Ilex crenata - Hellers Japanese Holly	38.50	
32 93 33 00-0300	EA	2 Gallon Ilex crenata - Hetzi Japanese Holly	29.50	
32 93 33 00-0301	EA	3 Gallon Ilex crenata - Hetzi Japanese Holly	35.55	
32 93 33 00-0302	EA	2' To 3' Ilex crenata - Hetzi Japanese Holly	71.51	
32 93 33 00-0303	EA	3' To 4' Ilex crenata - Hetzi Japanese Holly	95.40	
32 93 33 00-0304	EA	2' To 3' Ilex opaca - American Holly	95.40	
32 93 33 00-0305	EA	3' To 4' Ilex opaca - American Holly	157.92	
32 93 33 00-0306	EA	4' To 5' Ilex opaca - American Holly	202.60	
32 93 33 00-0307	EA	5' To 6' Ilex opaca - American Holly	244.32	
32 93 33 00-0308	EA	6' To 7' Ilex opaca - American Holly	342.67	
32 93 33 00-0309	EA	7' To 8' Ilex opaca - American Holly	476.85	
32 93 33 00-0310	EA	8' To 10' Ilex opaca - American Holly	685.34	
32 93 33 00-0311	EA	10' To 12' Ilex opaca - American Holly	1,043.05	
32 93 33 00-0312	EA	12' To 14' Ilex opaca - American Holly	1,266.44	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0313	EA	14' To 16' Ilex opaca - American Holly	1,564.43	
32 93 33 00-0314	EA	2' To 3' Ilex verticillata - Winterberry (Female)	95.40	
32 93 33 00-0315	EA	3' To 4' Ilex verticillata - Winterberry (Female)	125.18	
32 93 33 00-0316	EA	2' To 3' Ilex verticillata - Winterberry (Male)	77.41	
32 93 33 00-0317	EA	3' To 4' Ilex verticillata - Winterberry (Male)	107.34	
32 93 33 00-0318	EA	4' To 5' Ilex verticillata - Winterberry (Male)	125.18	
32 93 33 00-0319	EA	1 Gallon Ilex vomitoria - Yaupon Holly	12.65	
32 93 33 00-0320	EA	3 Gallon Ilex vomitoria - Yaupon Holly	25.43	
32 93 33 00-0321	EA	10 Gallon Ilex vomitoria - Yaupon Holly	89.36	
32 93 33 00-0322	EA	18" Balled and Burlapped, Ilex glabra compacta & cvs - Compact Inkberry Holly	40.54	
32 93 33 00-0323	EA	24" Balled and Burlapped, Ilex glabra compacta & cvs - Compact Inkberry Holly	45.77	
32 93 33 00-0324	EA	3 Gallon Ilex meserveae & cvs - Blue Holly	52.31	
32 93 33 00-0325	EA	18" Balled and Burlapped, Ilex meserveae & cvs - Blue Holly	48.39	
32 93 33 00-0326	EA	24" Balled and Burlapped, Ilex meservae & cvs - Blue Holly	58.85	
32 93 33 00-0327	EA	5 Gallon Ilex verticillata & cvs - Common Winterberry	43.16	
32 93 33 00-0328	EA	24" Balled and Burlapped, Ilex verticillata & cvs - Common Winterberry	43.16	
32 93 33 00-0329	EA	30" Balled and Burlapped, Ilex verticillata & cvs - Common Winterberry	45.77	
32 93 33 00-0330	EA	36" Balled and Burlapped, Ilex verticillata & cvs - Common Winterberry	54.93	
32 93 33 00-0331	EA	42" Balled and Burlapped, Ilex verticillata & cvs - Common Winterberry	61.47	
32 93 33 00-0332	EA	48" Balled and Burlapped, Ilex verticillata & cvs - Common Winterberry	65.39	
32 93 33 00-0333	EA	60" Balled and Burlapped, Ilex verticillata & cvs - Common Winterberry	83.70	
32 93 33 00-0334	EA	4' To 5' Ilex x attenuata "Foster" - Holly	154.97	
32 93 33 00-0335	EA	5' To 6' Ilex x attenuata "Foster" - Holly	205.55	
32 93 33 00-0336	EA	6' To 7' Ilex x attenuata "Foster" - Holly	183.91	
32 93 33 00-0337	EA	7' To 8' Ilex x attenuata "Foster" - Holly	357.56	
32 93 33 00-0338	EA	1 Gallon Jasimnum - Jasmine	3.46	
32 93 33 00-0339	EA	3 Gallon Jasimnum - Jasmine	13.54	
32 93 33 00-0340	EA	3 Gallon Jasimnum - Orange Jasmine	10.53	
32 93 33 00-0341	EA	4' - 5' Jasimnum - Orange Jasmine	120.32	
32 93 33 00-0342	EA	6' - 7' Jasimnum - Orange Jasmine	240.64	
32 93 33 00-0343	EA	8' - 10' Jasimnum - Orange Jasmine	324.86	
32 93 33 00-0344	EA	3 Gallon Juniperus chinesis cvs - Chinese Juniper	45.77	
32 93 33 00-0345	EA	5 Gallon Juniperus chinesis cvs - Chinese Juniper	51.01	
32 93 33 00-0346	EA	18" Balled and Burlapped, Juniperus chinesis cvs - Chinese Juniper	68.01	
32 93 33 00-0347	EA	24" Balled and Burlapped, Juniperus chinesis cvs - Chinese Juniper	88.93	
32 93 33 00-0348	EA	30" Balled and Burlapped, Juniperus chinesis cvs - Chinese Juniper	104.63	
32 93 33 00-0349	EA	36" Balled and Burlapped, Juniperus chinesis cvs - Chinese Juniper	141.25	
32 93 33 00-0350	EA	48" Balled and Burlapped, Juniperus chinesis cvs - Chinese Juniper	193.56	
32 93 33 00-0351	EA	1 Gallon Juniperus horizontalis cvs - Creeping Juniper	21.81	
32 93 33 00-0352	EA	3 Gallon Juniperus horizontalis cvs - Creeping Juniper	45.77	
32 93 33 00-0353	EA	5 Gallon Juniperus horizontalis cvs - Creeping Juniper	51.01	
32 93 33 00-0354	EA	15" Balled and Burlapped, Juniperus horizontalis cvs - Creeping Juniper	54.93	
32 93 33 00-0355	EA	18" Balled and Burlapped, Juniperus horizontalis cvs - Creeping Juniper	60.16	
32 93 33 00-0356	EA	24" Balled and Burlapped, Juniperus horizontalis cvs - Creeping Juniper	73.24	
32 93 33 00-0357	EA	30" Balled and Burlapped, Juniperus horizontalis cvs - Creeping Juniper	88.93	
32 93 33 00-0358	EA	3 Gallon Juniperus procumbens cvs - Japanese Garden Juniper	35.31	
32 93 33 00-0359	EA	18" Balled and Burlapped, Juniperus procumbens cvs - Japanese Garden Juniper	41.85	
32 93 33 00-0360	EA	24" Balled and Burlapped, Juniperus procumbens cvs - Japanese Garden Juniper	57.54	
32 93 33 00-0361	EA	30" Balled and Burlapped, Juniperus procumbens cvs - Japanese Garden Juniper	73.24	
32 93 33 00-0362	EA	36" Balled and Burlapped, Juniperus procumbens cvs - Japanese Garden Juniper	88.93	
32 93 33 00-0363	EA	3 Gallon Juniperus sabina cvs - Savin Juniper	32.70	
32 93 33 00-0364	EA	5 Gallon Juniperus sabina cvs - Savin Juniper	39.23	
32 93 33 00-0365	EA	4 Gallon Juniperus virginiana cvs - Red Cedar Juniper	34.00	
32 93 33 00-0366	EA	36" Balled and Burlapped, Juniperus virginiana cvs - Red Cedar Juniper	65.39	
32 93 33 00-0367	EA	48" Balled and Burlapped, Juniperus virginiana cvs - Red Cedar Juniper	102.01	
32 93 33 00-0368	EA	60" Balled and Burlapped, Juniperus virginiana cvs - Red Cedar Juniper	128.17	
32 93 33 00-0369	EA	15" To 18" Kalmia latifolia - Mountain Laurel	53.67	
32 93 33 00-0370	EA	18" To 24" Kalmia latifolia - Mountain Laurel	71.51	
32 93 33 00-0371	EA	2' To 3' Kalmia latifolia - Mountain Laurel	104.25	
32 93 33 00-0372	EA	4' To 5' Kalmia latifolia - Mountain Laurel	190.65	
32 93 33 00-0373	EA	5' To 6' Kalmia latifolia - Mountain Laurel	292.09	
32 93 33 00-0374	EA	6' To 8' Kalmia latifolia - Mountain Laurel	447.06	
32 93 33 00-0375	EA	1 Gallon Kerria japonica - Kerria	11.94	
32 93 33 00-0376	EA	5 Gallon Kerria japonica - Kerria	37.37	
32 93 33 00-0377	EA	24" Balled and Burlapped, Kolkwitzia amabilis & cvs - Beautybush	37.93	
32 93 33 00-0378	EA	30" Balled and Burlapped, Kolkwitzia amabilis & cvs - Beautybush	43.16	
32 93 33 00-0379	EA	36" Balled and Burlapped, Kolkwitzia amabilis & cvs - Beautybush	47.08	
32 93 33 00-0380	EA	42" Balled and Burlapped, Kolkwitzia amabilis & cvs - Beautybush	54.93	
32 93 33 00-0381	EA	48" Balled and Burlapped, Kolkwitzia amabilis & cvs - Beautybush	62.78	
32 93 33 00-0382	EA	60" Balled and Burlapped, Kolkwitzia amabilis & cvs - Beautybush	78.47	
32 93 33 00-0383	EA	1 Gallon Lagerstroemia indica - Crape Myrtle	8.99	
32 93 33 00-0384	EA	5 Gallon Lagerstroemia indica - Crape Myrtle	32.03	
32 93 33 00-0385	EA	3' To 4' Lagerstroemia indica - Crape Myrtle	44.68	
32 93 33 00-0386	EA	4' To 5' Lagerstroemia indica - Crape Myrtle	65.61	
32 93 33 00-0387	EA	5' To 6' Lagerstroemia indica - Crape Myrtle	104.25	
32 93 33 00-0388	EA	7' To 8' Lagerstroemia indica - Crape Myrtle	135.36	
32 93 33 00-0389	EA	9' To 10' Lagerstroemia indica - Crape Myrtle	180.48	
32 93 33 00-0390	EA	11' To 12' Lagerstroemia indica - Crape Myrtle	376.00	
32 93 33 00-0391	EA	1 Gallon Leucothoe axillaris - Coast Leucothoe	13.49	
32 93 33 00-0392	EA	2 Gallon Leucothoe axillaris - Coast Leucothoe	29.51	
32 93 33 00-0393	EA	3 Gallon Leucothoe axillaris - Coast Leucothoe	35.55	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0394	EA	1 Gallon Ligustrum lucidum - Glossy Privet	8.29	
32 93 33 00-0395	EA	5 Gallon Ligustrum lucidum - Glossy Privet	25.43	
32 93 33 00-0396	EA	15 Gallon Ligustrum lucidum - Glossy Privet	119.14	
32 93 33 00-0397	EA	1 Gallon Ligustrum sinense - Variegated Chinese Privet	8.29	
32 93 33 00-0398	EA	2 Gallon Ligustrum sinense - Variegated Chinese Privet	17.84	
32 93 33 00-0399	EA	3 Gallon Ligustrum sinense - Variegated Chinese Privet	23.18	
32 93 33 00-0400	EA	36" Balled and Burlapped, Ligustrum vulgare & cvs - Common Privet	39.23	
32 93 33 00-0401	EA	48" Balled and Burlapped, Ligustrum vulgare & cvs - Common Privet	57.54	
32 93 33 00-0402	EA	60" Balled and Burlapped, Ligustrum vulgare & cvs - Common Privet	73.24	
32 93 33 00-0403	EA	72" Balled and Burlapped, Ligustrum vulgare & cvs - Common Privet	83.70	
32 93 33 00-0404	EA	5 Gallon Lindera benzoin - Spicebush	43.16	
32 93 33 00-0405	EA	36" Balled and Burlapped, Lindera benzoin - Spicebush	36.62	
32 93 33 00-0406	EA	48" Balled and Burlapped, Lindera benzoin - Spicebush	44.47	
32 93 33 00-0407	EA	2' To 3' Lonicera fragrantissima - Winter Honeysuckle	71.51	
32 93 33 00-0408	EA	3' To 4' Lonicera fragrantissima - Winter Honeysuckle	86.40	
32 93 33 00-0409	EA	30" Balled and Burlapped, Lonicera tatarica & cvs - Tatarian Honeysuckle	39.23	
32 93 33 00-0410	EA	36" Balled and Burlapped, Lonicera tatarica & cvs - Tatarian Honeysuckle	47.08	
32 93 33 00-0411	EA	42" Balled and Burlapped, Lonicera tatarica & cvs - Tatarian Honeysuckle	52.31	
32 93 33 00-0412	EA	48" Balled and Burlapped, Lonicera tatarica & cvs - Tatarian Honeysuckle	57.54	
32 93 33 00-0413	EA	1 Gallon Myrica cerifera - Wax Myrtle	7.52	
32 93 33 00-0414	EA	4 Gallon Myrica cerifera - Wax Myrtle	24.06	
32 93 33 00-0415	EA	7 Gallon Myrica cerifera - Wax Myrtle	52.64	
32 93 33 00-0416	EA	10 Gallon Myrica cerifera - Wax Myrtle	78.21	
32 93 33 00-0417	EA	15 Gallon Myrica cerifera - Wax Myrtle	120.32	
32 93 33 00-0418	EA	45 Gallon Myrica cerifera - Wax Myrtle	360.96	
32 93 33 00-0419	EA	1' - 2' Myrica cerifera - Wax Myrtle	10.53	
32 93 33 00-0420	EA	3' - 4' Myrica cerifera - Wax Myrtle	36.10	
32 93 33 00-0421	EA	5' - 6' Myrica cerifera - Wax Myrtle	66.18	
32 93 33 00-0422	EA	7' - 8' Myrica cerifera - Wax Myrtle	90.24	
32 93 33 00-0423	EA	9' - 10' Myrica cerifera - Wax Myrtle	120.32	
32 93 33 00-0424	EA	11' - 12' Myrica cerifera - Wax Myrtle	183.49	
32 93 33 00-0425	EA	3 Gallon Myrica pensylvanica - Northern Bayberry	39.23	
32 93 33 00-0426	EA	24" Balled and Burlapped, Myrica pensylvanica - Northern Bayberry	64.08	
32 93 33 00-0427	EA	30" Balled and Burlapped, Myrica pensylvanica - Northern Bayberry	94.16	
32 93 33 00-0428	EA	36" Balled and Burlapped, Myrica pensylvanica - Northern Bayberry	112.47	
32 93 33 00-0429	EA	48" Balled and Burlapped, Myrica pensylvanica - Northern Bayberry	117.70	
32 93 33 00-0430	EA	1 Gallon Nandina domestica - Heavenly Bamboo	13.49	
32 93 33 00-0431	EA	2 Gallon Nandina domestica - Heavenly Bamboo	29.51	
32 93 33 00-0432	EA	5 Gallon Nandina domestica - Heavenly Bamboo	44.68	
32 93 33 00-0433	EA	1 Gallon Osmanthus fragrans - Fragrant Tea Olive	8.29	
32 93 33 00-0434	EA	3 Gallon Osmanthus fragrans - Fragrant Tea Olive	22.48	
32 93 33 00-0435	EA	1 Gallon Philadelphus - Evergreen Mockorange	11.52	
32 93 33 00-0436	EA	5 Gallon Philadelphus - Evergreen Mockorange	37.37	
32 93 33 00-0437	EA	36" Balled and Burlapped, Philadelphus x virginalis & cvs - Mockorange	39.23	
32 93 33 00-0438	EA	42" Balled and Burlapped, Philadelphus x virginalis & cvs - Mockorange	45.77	
32 93 33 00-0439	EA	48" Balled and Burlapped, Philadelphus x virginalis & cvs - Mockorange	52.31	
32 93 33 00-0440	EA	24" Balled and Burlapped, Physocarpos opulifolius 'Nana' - Dwarf Common Ninebark	39.23	
32 93 33 00-0441	EA	30" Balled and Burlapped, Physocarpos opulifolius 'Nana' - Dwarf Common Ninebark	45.77	
32 93 33 00-0442	EA	36" Balled and Burlapped, Physocarpos opulifolius 'Nana' - Dwarf Common Ninebark	52.31	
32 93 33 00-0443	EA	42" Balled and Burlapped, Physocarpos opulifolius 'Nana' - Dwarf Common Ninebark	65.39	
32 93 33 00-0444	EA	48" Balled and Burlapped, Physocarpos opulifolius 'Nana' - Dwarf Common Ninebark	78.47	
32 93 33 00-0445	EA	12" To 15" Spread Pieris - Mountain Andromeda	36.11	
32 93 33 00-0446	EA	15" To 18" Spread Pieris - Mountain Andromeda	77.41	
32 93 33 00-0447	EA	12" To 15" Pieris japonica - Japanese Andromeda	46.93	
32 93 33 00-0448	EA	15" To 18" Pieris japonica - Japanese Andromeda	53.67	
32 93 33 00-0449	EA	18" To 24" Pieris japonica - Japanese Andromeda	67.16	
32 93 33 00-0450	EA	2' To 2-1/2' Pieris japonica - Japanese Andromeda	95.40	
32 93 33 00-0451	EA	2-1/2' To 3' Pieris japonica - Japanese Andromeda	113.24	
32 93 33 00-0452	EA	24" Balled and Burlapped, Pinus mugo & cvs - Mugo Pine	40.74	
32 93 33 00-0453	EA	30" Balled and Burlapped, Pinus mugo & cvs - Mugo Pine	52.15	
32 93 33 00-0454	EA	36" Balled and Burlapped, Pinus mugo & cvs - Mugo Pine	62.74	
32 93 33 00-0455	EA	48" Balled and Burlapped, Pinus mugo & cvs - Mugo Pine	80.67	
32 93 33 00-0456	EA	60" Balled and Burlapped, Pinus mugo & cvs - Mugo Pine	96.96	
32 93 33 00-0457	EA	72" Balled and Burlapped, Pinus mugo & cvs - Mugo Pine	141.78	
32 93 33 00-0458	EA	30" Balled and Burlapped, Pinus mugo compacta - Dwarf Mugo Pine	88.00	
32 93 33 00-0459	EA	36" Balled and Burlapped, Pinus mugo compacta - Dwarf Mugo Pine	105.93	
32 93 33 00-0460	EA	48" Balled and Burlapped, Pinus mugo compacta - Dwarf Mugo Pine	140.96	
32 93 33 00-0461	EA	1 Gallon Pittosporum - Pittosporum	4.96	
32 93 33 00-0462	EA	3 Gallon Pittosporum - Pittosporum	12.78	
32 93 33 00-0463	EA	1 Gallon Pittosporum - Varigated Pittosporum	4.96	
32 93 33 00-0464	EA	3 Gallon Pittosporum - Varigated Pittosporum	12.78	
32 93 33 00-0465	EA	5 Gallon Pittosporum - Varigated Pittosporum	22.41	
32 93 33 00-0466	EA	2 Gallon Potentilla fruticosa & cvs - Bush Cinquefoil	22.23	
32 93 33 00-0467	EA	5 Gallon Potentilla fruticosa & cvs - Bush Cinquefoil	31.39	
32 93 33 00-0468	EA	18" Balled and Burlapped, Potentilla fruticosa & cvs - Bush Cinquefoil	23.54	
32 93 33 00-0469	EA	24" Balled and Burlapped, Potentilla fruticosa & cvs - Bush Cinquefoil	26.16	
32 93 33 00-0470	EA	30" Balled and Burlapped, Potentilla fruticosa & cvs - Bush Cinquefoil	37.93	
32 93 33 00-0471	EA	36" Balled and Burlapped, Potentilla fruticosa & cvs - Bush Cinquefoil	43.81	
32 93 33 00-0472	EA	1 Gallon Prunus caroliniana - Carolina Cherry Laurel	5.60	
32 93 33 00-0473	EA	5 Gallon Prunus caroliniana - Carolina Cherry Laurel	14.01	
32 93 33 00-0474	EA	15 Gallon Prunus caroliniana - Carolina Cherry Laurel	83.51	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0475	EA	15" To 18" Prunus laurocerasus - Cherry Laurel	21.36	
32 93 33 00-0476	EA	18" To 24" Prunus laurocerasus - Cherry Laurel	26.44	
32 93 33 00-0477	EA	24" To 30" Prunus laurocerasus - Cherry Laurel	34.40	
32 93 33 00-0478	EA	15" To 18" Prunus triloba - Double White Flowering Almond	19.08	
32 93 33 00-0479	EA	18" To 24" Prunus triloba - Double White Flowering Almond	24.42	
32 93 33 00-0480	EA	3' To 4' Prunus triloba - Double White Flowering Almond	38.95	
32 93 33 00-0481	EA	4' To 6' Prunus triloba - Double White Flowering Almond	77.99	
32 93 33 00-0482	EA	5 Gallon Prunus triloba - Pink Flowering Almond	23.46	
32 93 33 00-0483	EA	18" To 24" Prunus triloba - Pink Flowering Almond	26.35	
32 93 33 00-0484	EA	2' To 3' Prunus triloba - Pink Flowering Almond	30.64	
32 93 33 00-0485	EA	2' To 3' Prunus virginiana - Brilliant Chokeberry	20.83	
32 93 33 00-0486	EA	3' To 4' Prunus virginiana - Brilliant Chokeberry	25.56	
32 93 33 00-0487	EA	4' To 5' Prunus virginiana - Brilliant Chokeberry	30.64	
32 93 33 00-0488	EA	5' To 6' Prunus virginiana - Brilliant Chokeberry	35.10	
32 93 33 00-0489	EA	1 Gallon Punica granatum - Dwarf Pomegranate	8.85	
32 93 33 00-0490	EA	3 Gallon Punica granatum - Dwarf Pomegranate	26.13	
32 93 33 00-0491	EA	7 Gallon Punica granatum - Dwarf Pomegranate	53.67	
32 93 33 00-0492	EA	1 Gallon Pyracantha koidzumi "Santa Cruz" - Pyracantha	11.24	
32 93 33 00-0493	EA	5 Gallon Pyracantha koidzumi "Santa Cruz" - Pyracantha	37.37	
32 93 33 00-0494	EA	5 Gallon Espalier Pyracantha koidzumi "Santa Cruz" - Pyracantha	77.41	
32 93 33 00-0495	EA	1 Gallon Ralphiolepis indica - Indian Hawthorne	8.99	
32 93 33 00-0496	EA	2 Gallon Ralphiolepis indica - Indian Hawthorne	17.14	
32 93 33 00-0497	EA	5 Gallon Ralphiolepis indica - Indian Hawthorne	30.49	
32 93 33 00-0498	EA	1 Gallon Rhamnus californica - Coffeeberry	13.67	
32 93 33 00-0499	EA	5 Gallon Rhamnus californica - Coffeeberry	39.08	
32 93 33 00-0500	EA	15 Gallon Rhamnus californica - Coffeeberry	117.29	
32 93 33 00-0501	EA	4' To 5' Rhamnus frangula "Columnaris" - Tallhedge	68.56	
32 93 33 00-0502	EA	5' To 6' Rhamnus frangula "Columnaris" - Tallhedge	93.99	
32 93 33 00-0503	EA	6' To 8' Rhamnus frangula "Columnaris" - Tallhedge	122.23	
32 93 33 00-0504	EA	10' To 12' Rhamnus frangula "Columnaris" - Tallhedge	223.53	
32 93 33 00-0505	EA	1 Gallon Rhododendron - Azalea Evergreen Hybrids	14.61	
32 93 33 00-0506	EA	2 Gallon Rhododendron - Azalea Evergreen Hybrids	29.50	
32 93 33 00-0507	EA	3 Gallon Rhododendron - Azalea Evergreen Hybrids	38.50	
32 93 33 00-0508	EA	5 Gallon Rhododendron - Azalea Evergreen Hybrids	44.68	
32 93 33 00-0509	EA	15" To 18" Rhododendron - Azalea Evergreen Hybrids	52.26	
32 93 33 00-0510	EA	18" To 24" Rhododendron - Azalea Evergreen Hybrids	65.61	
32 93 33 00-0511	EA	2' To 2-1/2' Rhododendron - Azalea Evergreen Hybrids	95.40	
32 93 33 00-0512	EA	2-1/2' To 3' Rhododendron - Azalea Evergreen Hybrids	134.03	
32 93 33 00-0513	EA	1 Gallon Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids	16.44	
32 93 33 00-0514	EA	2 Gallon Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids	29.50	
32 93 33 00-0515	EA	15' To 18' Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids	50.72	
32 93 33 00-0516	EA	18" To 24" Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids	65.61	
32 93 33 00-0517	EA	2' To 3' Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids	95.40	
32 93 33 00-0518	EA	3' To 4' Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids	140.08	
32 93 33 00-0519	EA	4' To 5' Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids	187.70	
32 93 33 00-0520	EA	5 Gallon Rhododendron - Boxleaf Azara	37.37	
32 93 33 00-0521	EA	15 Gallon Rhododendron - Boxleaf Azara	134.03	
32 93 33 00-0522	EA	15" To 18" Rhododendron - Carolina Rhododendron	42.29	
32 93 33 00-0523	EA	18" To 24" Rhododendron - Carolina Rhododendron	74.46	
32 93 33 00-0524	EA	24" To 30" Rhododendron - Carolina Rhododendron	110.29	
32 93 33 00-0525	EA	2' To 3' Rhododendron - Five-leafed Azalea	50.16	
32 93 33 00-0526	EA	3' To 4' Rhododendron - Five-leafed Azalea	65.61	
32 93 33 00-0527	EA	4' To 5' Rhododendron - Five-leafed Azalea	86.41	
32 93 33 00-0528	EA	15" To 18" Rhododendron - Ghent Azalea	50.16	
32 93 33 00-0529	EA	18" To 24" Rhododendron - Ghent Azalea	62.52	
32 93 33 00-0530	EA	2' To 3' Rhododendron - Ghent Azalea	101.30	
32 93 33 00-0531	EA	3' To 4' Rhododendron - Ghent Azalea	140.08	
32 93 33 00-0532	EA	4' To 5' Rhododendron - Ghent Azalea	187.70	
32 93 33 00-0533	EA	5' To 6' Rhododendron - Ghent Azalea	250.37	
32 93 33 00-0534	EA	1 Gallon Rhododendron - Hybrid Rhododendron	16.44	
32 93 33 00-0535	EA	2 Gallon Rhododendron - Hybrid Rhododendron	35.55	
32 93 33 00-0536	EA	3 Gallon Rhododendron - Hybrid Rhododendron	50.44	
32 93 33 00-0537	EA	5 Gallon Rhododendron - Hybrid Rhododendron	56.34	
32 93 33 00-0538	EA	15" To 18" Rhododendron - Hybrid Rhododendron	47.63	
32 93 33 00-0539	EA	18" To 24" Rhododendron - Hybrid Rhododendron	65.61	
32 93 33 00-0540	EA	24" To 30" Rhododendron - Hybrid Rhododendron	89.36	
32 93 33 00-0541	EA	30" To 36" Rhododendron - Hybrid Rhododendron	104.25	
32 93 33 00-0542	EA	36" To 42" Rhododendron - Hybrid Rhododendron	149.07	
32 93 33 00-0543	EA	42" To 48" Rhododendron - Hybrid Rhododendron	184.75	
32 93 33 00-0544	EA	15" To 18" Rhododendron - Pjm Rhododendron	53.67	
32 93 33 00-0545	EA	18" To 24" Rhododendron - Pjm Rhododendron	65.61	
32 93 33 00-0546	EA	2' To 2-1/2' Rhododendron - Pjm Rhododendron	95.40	
32 93 33 00-0547	EA	2-1/2 To 3' Rhododendron - Pjm Rhododendron	122.23	
32 93 33 00-0548	EA	3' To 3-1/2' Rhododendron - Pjm Rhododendron	149.07	
32 93 33 00-0549	EA	12" To 15" Rhododendron - Torch Azalea	41.73	
32 93 33 00-0550	EA	15" To 18" Rhododendron - Torch Azalea	50.16	
32 93 33 00-0551	EA	18" To 24" Rhododendron - Torch Azalea	62.52	
32 93 33 00-0552	EA	2' To 3' Rhododendron - Torch Azalea	104.25	
32 93 33 00-0553	EA	3 Gallon Rhododendron cvs - Lepidote Rhododendron	47.08	
32 93 33 00-0554	EA	5 Gallon Rhododendron cvs - Lepidote Rhododendron	57.54	
32 93 33 00-0555	EA	18" Balled and Burlapped, Rhododendron cvs - Lepidote Rhododendron	70.62	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0556	EA	24" Balled and Burlapped, Rhododendron cvs - Lepidote Rhododendron	88.93	
32 93 33 00-0557	EA	30" Balled and Burlapped, Rhododendron cvs - Lepidote Rhododendron	104.63	
32 93 33 00-0558	EA	36" Balled and Burlapped, Rhododendron cvs - Lepidote Rhododendron	125.55	
32 93 33 00-0559	EA	1 Gallon Rhus glabra - Dwarf Smooth Sumac	13.49	
32 93 33 00-0560	EA	5 Gallon Rhus glabra - Dwarf Smooth Sumac	37.37	
32 93 33 00-0561	EA	2 Gallon Rhus aromatica & cvs - Fragrant Sumac	31.39	
32 93 33 00-0562	EA	5 Gallon Rhus aromatica & cvs - Fragrant Sumac	43.16	
32 93 33 00-0563	EA	18" Balled and Burlapped, Rhus aromatica & cvs - Fragrant Sumac	49.70	
32 93 33 00-0564	EA	24" Balled and Burlapped, Rhus aromatica & cvs - Fragrant Sumac	65.39	
32 93 33 00-0565	EA	36" Balled and Burlapped, Rhus glabra - Smooth Sumac	39.23	
32 93 33 00-0566	EA	48" Balled and Burlapped, Rhus typhina & cvs - Staghorn Sumac	65.39	
32 93 33 00-0567	EA	72" Balled and Burlapped, Rhus typhina & cvs - Staghorn Sumac	104.63	
32 93 33 00-0568	EA	15" Balled and Burlapped, Ribes alpinum & cvs - Alpine Currant	35.31	
32 93 33 00-0569	EA	18" Balled and Burlapped, Ribes alpinum & cvs - Alpine Currant	40.54	
32 93 33 00-0570	EA	24" Balled and Burlapped, Ribes alpinum & cvs - Alpine Currant	58.85	
32 93 33 00-0571	EA	30" Balled and Burlapped, Ribes alpinum & cvs - Alpine Currant	78.47	
32 93 33 00-0572	EA	1 Gallon Rosa hybrids & cvs - Shrub Rose	21.58	
32 93 33 00-0573	EA	2 Gallon Rosa hybrids & cvs - Shrub Rose	26.16	
32 93 33 00-0574	EA	3 Gallon Rosa hybrids & cvs - Shrub Rose	32.70	
32 93 33 00-0575	EA	2 Gallon Rosa rugosa & cvs - Rugosa Rose	23.54	
32 93 33 00-0576	EA	3 Gallon Rosa rugosa & cvs - Rugosa Rose	30.08	
32 93 33 00-0577	EA	5 Gallon Sambucus canadensis - American Elder	43.16	
32 93 33 00-0578	EA	2 Gallon Sarcococca hookeriana humilis - Himalayan Sarcococca	19.39	
32 93 33 00-0579	EA	3 Gallon Sarcococca hookeriana humilis - Himalayan Sarcococca	28.38	
32 93 33 00-0580	EA	1 Gallon Sarcococca humilis - Fragrant Sarcococca	10.54	
32 93 33 00-0581	EA	5 Gallon Sarcococca humilis - Fragrant Sarcococca	27.54	
32 93 33 00-0582	EA	5 Gallon Senna artemisioides - Feathery Cassia	25.73	
32 93 33 00-0583	EA	15 Gallon Senna artemisioides - Feathery Cassia	102.38	
32 93 33 00-0584	EA	24" Box Senna artemisioides - Feathery Cassia	321.60	
32 93 33 00-0585	EA	1 Gallon Skimmia japonica - Japanese Skimmia	13.49	
32 93 33 00-0586	EA	2 Gallon Skimmia japonica - Japanese Skimmia	26.83	
32 93 33 00-0587	EA	5 Gallon Skimmia japonica - Japanese Skimmia	43.27	
32 93 33 00-0588	EA	3' To 4' Spiraea - Garland Spirea	62.52	
32 93 33 00-0589	EA	4' To 5' Spiraea - Garland Spirea	95.40	
32 93 33 00-0590	EA	5 Gallon Spiraea - Snowmound Spirea	37.37	
32 93 33 00-0591	EA	18" To 24" Spiraea - Snowmound Spirea	30.63	
32 93 33 00-0592	EA	2' To 3' Spiraea - Snowmound Spirea	43.27	
32 93 33 00-0593	EA	3' To 4' Spiraea - Snowmound Spirea	50.16	
32 93 33 00-0594	EA	4' To 5' Spiraea - Snowmound Spirea	86.40	
32 93 33 00-0595	EA	1 Gallon Spiraea japonica & cvs - Japanese Spirea	13.49	
32 93 33 00-0596	EA	2 Gallon Spiraea japonica & cvs - Japanese Spirea	26.55	
32 93 33 00-0597	EA	3 Gallon Spiraea japonica & cvs - Japanese Spirea	30.73	
32 93 33 00-0598	EA	5 Gallon Spiraea japonica & cvs - Japanese Spirea	33.35	
32 93 33 00-0599	EA	18" Balled and Burlapped, Spiraea japonica & cvs - Japanese Spirea	34.00	
32 93 33 00-0600	EA	24" Balled and Burlapped, Spiraea japonica & cvs - Japanese Spirea	39.23	
32 93 33 00-0601	EA	30" Balled and Burlapped, Spiraea japonica & cvs - Japanese Spirea	44.47	
32 93 33 00-0602	EA	36" Balled and Burlapped, Spiraea japonica & cvs - Japanese Spirea	51.66	
32 93 33 00-0603	EA	2 Gallon Spiraea nipponica & cvs - Nippon Spiraea	20.93	
32 93 33 00-0604	EA	5 Gallon Spiraea nipponica & cvs - Nippon Spiraea	31.39	
32 93 33 00-0605	EA	18" Balled and Burlapped, Spiraea nipponica & cvs - Nippon Spiraea	28.77	
32 93 33 00-0606	EA	24" Balled and Burlapped, Spiraea nipponica & cvs - Nippon Spiraea	34.00	
32 93 33 00-0607	EA	30" Balled and Burlapped, Spiraea nipponica & cvs - Nippon Spiraea	39.23	
32 93 33 00-0608	EA	36" Balled and Burlapped, Spiraea nipponica & cvs - Nippon Spiraea	44.47	
32 93 33 00-0609	EA	48" Balled and Burlapped, Spiraea nipponica & cvs - Nippon Spiraea	57.54	
32 93 33 00-0610	EA	1 Gallon Spiraea x bumalda & cvs - Bumalda Spirea	13.49	
32 93 33 00-0611	EA	2 Gallon Spiraea x bumalda & cvs - Bumalda Spirea	24.19	
32 93 33 00-0612	EA	4 Gallon Spiraea x bumalda & cvs - Bumalda Spirea	31.39	
32 93 33 00-0613	EA	18" Balled and Burlapped, Spiraea x bumalda & cvs - Bumalda Spirea	27.46	
32 93 33 00-0614	EA	24" Balled and Burlapped, Spiraea x bumalda & cvs - Bumalda Spirea	33.35	
32 93 33 00-0615	EA	30" Balled and Burlapped, Spiraea x bumalda & cvs - Bumalda Spirea	39.23	
32 93 33 00-0616	EA	36" Balled and Burlapped, Spiraea x bumalda & cvs - Bumalda Spirea	44.47	
32 93 33 00-0617	EA	5 Gallon Spiraea x vanhouttei & cvs - Vanhoutte Spirea	31.39	
32 93 33 00-0618	EA	18" Balled and Burlapped, Spiraea x vanhouttei & cvs - Vanhoutte Spirea	31.39	
32 93 33 00-0619	EA	24" Balled and Burlapped, Spiraea x vanhouttei & cvs - Vanhoutte Spirea	36.62	
32 93 33 00-0620	EA	30" Balled and Burlapped, Spiraea x vanhouttei & cvs - Vanhoutte Spirea	49.70	
32 93 33 00-0621	EA	36" Balled and Burlapped, Spiraea x vanhouttei & cvs - Vanhoutte Spirea	57.54	
32 93 33 00-0622	EA	42" Balled and Burlapped, Spiraea x vanhouttei & cvs - Vanhoutte Spirea	68.01	
32 93 33 00-0623	EA	5 Gallon Staphylea trifolia - Bladdernut	44.15	
32 93 33 00-0624	EA	2 Gallon Stephanandra incisa & cvs - Cutleaf Stephanadra	31.39	
32 93 33 00-0625	EA	5 Gallon Stephanandra incisa & cvs - Cutleaf Stephanadra	34.00	
32 93 33 00-0626	EA	24" Balled and Burlapped, Stephanandra incisa & cvs - Cutleaf Stephanadra	39.23	
32 93 33 00-0627	EA	30" Balled and Burlapped, Stephanandra incisa & cvs - Cutleaf Stephanadra	47.08	
32 93 33 00-0628	EA	2 Gallon Symphoricarpos albus - Common Snowberry	32.70	
32 93 33 00-0629	EA	5 Gallon Symphoricarpos albus - Common Snowberry	34.66	
32 93 33 00-0630	EA	24" Balled and Burlapped, Syringa meyeri & cvs - Meyer Lilac	57.54	
32 93 33 00-0631	EA	30" Balled and Burlapped, Syringa meyeri & cvs - Meyer Lilac	71.93	
32 93 33 00-0632	EA	36" Balled and Burlapped, Syringa meyeri & cvs - Meyer Lilac	83.70	
32 93 33 00-0633	EA	42" Balled and Burlapped, Syringa meyeri & cvs - Meyer Lilac	96.78	
32 93 33 00-0634	EA	18" Balled and Burlapped, Syringa patula 'Miss Kim' - Miss Kim Lilac	57.54	
32 93 33 00-0635	EA	24" Balled and Burlapped, Syringa patula 'Miss Kim' - Miss Kim Lilac	62.78	
32 93 33 00-0636	EA	30" Balled and Burlapped, Syringa patula 'Miss Kim' - Miss Kim Lilac	71.93	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0637	EA	36" Balled and Burlapped, Syringa patula 'Miss Kim' - Miss Kim Lilac	83.70	
32 93 33 00-0638	EA	42" Balled and Burlapped, Syringa patula 'Miss Kim' - Miss Kim Lilac	96.78	
32 93 33 00-0639	EA	60" Balled and Burlapped, Syringa villosa & cvs - Late Lilac	45.77	
32 93 33 00-0640	EA	72" Balled and Burlapped, Syringa villosa & cvs - Late Lilac	49.70	
32 93 33 00-0641	EA	36" Balled and Burlapped, Syringa vulgaris & cvs - Common Lilac	39.23	
32 93 33 00-0642	EA	42' Balled and Burlapped, Syringa vulgaris & cvs - Common Lilac	44.47	
32 93 33 00-0643	EA	48" Balled and Burlapped, Syringa vulgaris & cvs - Common Lilac	49.70	
32 93 33 00-0644	EA	60" Balled and Burlapped, Syringa vulgaris & cvs - Common Lilac	57.54	
32 93 33 00-0645	EA	72" Balled and Burlapped, Syringa vulgaris & cvs - Common Lilac	70.62	
32 93 33 00-0646	EA	5 Gallon Syringa x chinensis & cvs - Chinese Lilac	32.70	
32 93 33 00-0647	EA	36" Balled and Burlapped, Syringa x hyacinthiflora & cvs - Hybrid Lilac	37.93	
32 93 33 00-0648	EA	48" Balled and Burlapped, Syringa x hyacinthiflora & cvs - Hybrid Lilac	49.70	
32 93 33 00-0649	EA	48" Balled and Burlapped, Taxus cuspidata capitata - Capitata Japanese Yew	207.94	
32 93 33 00-0650	EA	54" Balled and Burlapped, Taxus cuspidata capitata - Capitata Japanese Yew	232.79	
32 93 33 00-0651	EA	60" Balled and Burlapped, Taxus cuspidata capitata - Capitata Japanese Yew	256.33	
32 93 33 00-0652	EA	72" Balled and Burlapped, Taxus cuspidata capitata - Capitata Japanese Yew	308.65	
32 93 33 00-0653	EA	18" Balled and Burlapped, Taxus cuspidata cvs - Dwarf & Spreading Japanese Yew	54.93	
32 93 33 00-0654	EA	24" Balled and Burlapped, Taxus cuspidata cvs - Dwarf & Spreading Japanese Yew	71.93	
32 93 33 00-0655	EA	30" Balled and Burlapped, Taxus cuspidata cvs - Dwarf & Spreading Japanese Yew	83.70	
32 93 33 00-0656	EA	36" Balled and Burlapped, Taxus cuspidata cvs - Dwarf & Spreading Japanese Yew	91.55	
32 93 33 00-0657	EA	15" Balled and Burlapped, Taxus x media & cvs - Anglojap Yew	54.93	
32 93 33 00-0658	EA	18" Balled and Burlapped, Taxus x media & cvs - Anglojap Yew	71.93	
32 93 33 00-0659	EA	24" Balled and Burlapped, Taxus x media & cvs - Anglojap Yew	85.01	
32 93 33 00-0660	EA	30" Balled and Burlapped, Taxus x media & cvs - Anglojap Yew	100.70	
32 93 33 00-0661	EA	36" Balled and Burlapped, Taxus x media & cvs - Anglojap Yew	151.71	
32 93 33 00-0662	EA	36" Balled and Burlapped, Thuja occidentalis & cvs - Upright Arborvitae	83.70	
32 93 33 00-0663	EA	48" Balled and Burlapped, Thuja occidentalis & cvs - Upright Arborvitae	112.47	
32 93 33 00-0664	EA	60" Balled and Burlapped, Thuja occidentalis & cvs - Upright Arborvitae	170.02	
32 93 33 00-0665	EA	72" Balled and Burlapped, Thuja occidentalis & cvs - Upright Arborvitae	248.49	
32 93 33 00-0666	EA	84" Balled and Burlapped, Thuja occidentalis & cvs - Upright Arborvitae	285.11	
32 93 33 00-0667	EA	96" Balled and Burlapped, Thuja occidentalis & cvs - Upright Arborvitae	330.88	
32 93 33 00-0668	EA	15" Balled and Burlapped, Thuja occidentalis cvs - Dwarf Arborvitae	36.62	
32 93 33 00-0669	EA	18" Balled and Burlapped, Thuja occidentalis cvs - Dwarf Arborvitae	51.01	
32 93 33 00-0670	EA	24" Balled and Burlapped, Thuja occidentalis cvs - Dwarf Arborvitae	71.93	
32 93 33 00-0671	EA	3' To 4' Viburnum dilatatum - Linden Viburnum	62.52	
32 93 33 00-0672	EA	4' To 5' Viburnum dilatatum - Linden Viburnum	95.40	
32 93 33 00-0673	EA	5' To 6' Viburnum dilatatum - Linden Viburnum	125.18	
32 93 33 00-0674	EA	1 Gallon Viburnum japonicum - Japanese Viburnum	7.59	
32 93 33 00-0675	EA	3 Gallon Viburnum japonicum - Japanese Viburnum	20.79	
32 93 33 00-0676	EA	5 Gallon Viburnum plicatum - Japanese Snowball	37.37	
32 93 33 00-0677	EA	5' To 6' Viburnum plicatum - Japanese Snowball	140.08	
32 93 33 00-0678	EA	2' To 3' Viburnum rhytidophyllum - Leatherleaf Viburnum	65.61	
32 93 33 00-0679	EA	3' To 4' Viburnum rhytidophyllum - Leatherleaf Viburnum	77.41	
32 93 33 00-0680	EA	4' To 5' Viburnum rhytidophyllum - Leatherleaf Viburnum	108.89	
32 93 33 00-0681	EA	30" Balled and Burlapped, Viburnum burkwoodii & cvs - Burkwood Viburnum	71.93	
32 93 33 00-0682	EA	36" Balled and Burlapped, Viburnum burkwoodii & cvs - Burkwood Viburnum	86.32	
32 93 33 00-0683	EA	24" Balled and Burlapped, Viburnum carlesii & cvs - Korean Spice Viburnum	65.39	
32 93 33 00-0684	EA	30" Balled and Burlapped, Viburnum carlesii & cvs - Korean Spice Viburnum	78.47	
32 93 33 00-0685	EA	36" Balled and Burlapped, Viburnum carlesii & cvs - Korean Spice Viburnum	91.55	
32 93 33 00-0686	EA	42" Balled and Burlapped, Viburnum carlesii & cvs - Korean Spice Viburnum	104.63	
32 93 33 00-0687	EA	36" Balled and Burlapped, Viburnum dentatum & cvs - Arrowwood Viburnum	36.62	
32 93 33 00-0688	EA	42" Balled and Burlapped, Viburnum dentatum & cvs - Arrowwood Viburnum	39.23	
32 93 33 00-0689	EA	48" Balled and Burlapped, Viburnum dentatum & cvs - Arrowwood Viburnum	45.77	
32 93 33 00-0690	EA	60" Balled and Burlapped, Viburnum dentatum & cvs - Arrowwood Viburnum	52.31	
32 93 33 00-0691	EA	72" Balled and Burlapped, Viburnum dentatum & cvs - Arrowwood Viburnum	57.54	
32 93 33 00-0692	EA	30" Balled and Burlapped, Viburnum lantana & cvs - Wayfaringtree Viburnum	35.31	
32 93 33 00-0693	EA	36" Balled and Burlapped, Viburnum lantana & cvs - Wayfaringtree Viburnum	39.23	
32 93 33 00-0694	EA	42" Balled and Burlapped, Viburnum lantana & cvs - Wayfaringtree Viburnum	49.70	
32 93 33 00-0695	EA	48" Balled and Burlapped, Viburnum lantana & cvs - Wayfaringtree Viburnum	57.54	
32 93 33 00-0696	EA	60" Balled and Burlapped, Viburnum lantana & cvs - Wayfaringtree Viburnum	78.47	
32 93 33 00-0697	EA	72" Balled and Burlapped, Viburnum lantana & cvs - Wayfaringtree Viburnum	94.16	
32 93 33 00-0698	EA	36" Balled and Burlapped, Viburnum lentago & cvs - Nannyberry Viburnum	39.23	
32 93 33 00-0699	EA	48" Balled and Burlapped, Viburnum lentago & cvs - Nannyberry Viburnum	52.31	
32 93 33 00-0700	EA	5' Balled and Burlapped, Viburnum lentago & cvs - Nannyberry Viburnum	65.39	
32 93 33 00-0701	EA	6' Balled and Burlapped, Viburnum lentago & cvs - Nannyberry Viburnum	91.55	
32 93 33 00-0702	EA	7' Balled and Burlapped, Viburnum lentago & cvs - Nannyberry Viburnum	130.78	
32 93 33 00-0703	EA	8' Balled and Burlapped, Viburnum lentago & cvs - Nannyberry Viburnum	183.10	
32 93 33 00-0704	EA	9' Balled and Burlapped, Viburnum lentago & cvs - Nannyberry Viburnum	235.41	
32 93 33 00-0705	EA	30" Balled and Burlapped, Viburnum plicatum tomentosum & cvs - Doublefile Viburnum	47.08	
32 93 33 00-0706	EA	36" Balled and Burlapped, Viburnum plicatum tomentosum & cvs - Doublefile Viburnum	52.31	
32 93 33 00-0707	EA	36" Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum	94.16	
32 93 33 00-0708	EA	48" Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum	143.86	
32 93 33 00-0709	EA	60" Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum	183.10	
32 93 33 00-0710	EA	72" Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum	222.33	
32 93 33 00-0711	EA	84" Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum	274.64	
32 93 33 00-0712	EA	96" Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum	326.96	
32 93 33 00-0713	EA	108" Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum	392.35	
32 93 33 00-0714	EA	120" Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum	457.74	
32 93 33 00-0715	EA	30" Balled and Burlapped, Viburnum sargenti & cvs - Sargent Viburnum	39.89	
32 93 33 00-0716	EA	36" Balled and Burlapped, Viburnum sargenti & cvs - Sargent Viburnum	43.81	
32 93 33 00-0717	EA	48" Balled and Burlapped, Viburnum sargenti & cvs - Sargent Viburnum	49.70	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0718	EA	60" Balled and Burlapped, Viburnum sargenti & cvs - Sargent Viburnum	57.54	
32 93 33 00-0719	EA	72" Balled and Burlapped, Viburnum sargenti & cvs - Sargent Viburnum	66.05	
32 93 33 00-0720	EA	18" Balled and Burlapped, Viburnum trilobum & cvs - American Cranberry Viburnum	37.93	
32 93 33 00-0721	EA	24" Balled and Burlapped, Viburnum trilobum & cvs - American Cranberry Viburnum	45.77	
32 93 33 00-0722	EA	30" Balled and Burlapped, Viburnum trilobum & cvs - American Cranberry Viburnum	54.93	
32 93 33 00-0723	EA	36" Balled and Burlapped, Viburnum trilobum & cvs - American Cranberry Viburnum	62.78	
32 93 33 00-0724	EA	42" Balled and Burlapped, Viburnum trilobum & cvs - American Cranberry Viburnum	75.85	
32 93 33 00-0725	EA	48" Balled and Burlapped, Viburnum trilobum & cvs - American Cranberry Viburnum	83.70	
32 93 33 00-0726	EA	30" Balled and Burlapped, Viburnum x carlcephalum & cvs - Fragrant Viburnum	65.39	
32 93 33 00-0727	EA	36" Balled and Burlapped, Viburnum x carlcephalum & cvs - Fragrant Viburnum	78.47	
32 93 33 00-0728	EA	42" Balled and Burlapped, Viburnum x carlcephalum & cvs - Fragrant Viburnum	91.55	
32 93 33 00-0729	EA	48" Balled and Burlapped, Viburnum x carlcephalum & cvs - Fragrant Viburnum	104.63	
32 93 33 00-0730	EA	60" Balled and Burlapped, Viburnum x carlcephalum & cvs - Fragrant Viburnum	117.70	
32 93 33 00-0731	EA	30" Balled and Burlapped, Viburnum x juddii & cvs - Judd Viburnum	83.70	
32 93 33 00-0732	EA	36" Balled and Burlapped, Viburnum x juddii & cvs - Judd Viburnum	94.16	
32 93 33 00-0733	EA	42" Balled and Burlapped, Viburnum x juddii & cvs - Judd Viburnum	107.24	
32 93 33 00-0734	EA	48" Balled and Burlapped, Viburnum x juddii & cvs - Judd Viburnum	122.94	
32 93 33 00-0735	EA	2' To 3' Viburum opulus "Roseum" - Fragrant Snowball	77.41	
32 93 33 00-0736	EA	3' To 4' Viburum opulus "Roseum" - Fragrant Snowball	95.40	
32 93 33 00-0737	EA	4' To 5' Viburum opulus "Roseum" - Fragrant Snowball	140.08	
32 93 33 00-0738	EA	5 Gallon Weigela florida & cvs - Old Fashioned Weigela	43.16	
32 93 33 00-0739	EA	24" Balled and Burlapped, Weigela florida & cvs - Old Fashioned Weigela	39.23	
32 93 33 00-0740	EA	30" Balled and Burlapped, Weigela florida & cvs - Old Fashioned Weigela	44.47	
32 93 33 00-0741	EA	36" Balled and Burlapped, Weigela florida & cvs - Old Fashioned Weigela	49.70	
32 93 33 00-0742	EA	42" Balled and Burlapped, Weigela florida & cvs - Old Fashioned Weigela	57.54	
32 93 33 00-0743	EA	48" Balled and Burlapped, Weigela florida & cvs - Old Fashioned Weigela	65.39	
32 93 33 00-0744	EA	1 Gallon Xylosma congestum - Shiny Xylosma	8.99	
32 93 33 00-0745	EA	5 Gallon Xylosma congestum - Shiny Xylosma	25.43	
32 93 33 00-0746	EA	15 Gallon Xylosma congestum - Shiny Xylosma	111.83	
32 93 33 00-0747	EA	1 Gallon Yucca aloifolia - Spanish Bayonet	7.59	
32 93 33 00-0748	EA	3 Gallon Yucca aloifolia - Spanish Bayonet	20.09	
32 93 33 00-0749	EA	1 Gallon Yucca filamentosa - Adams Needle	10.54	
32 93 33 00-0750	EA	3 Gallon Yucca filamentosa - Adams Needle	20.51	
32 93 33 00-0751	EA	5 Gallon Yucca filamentosa - Adams Needle	32.46	
32 93 33 00-0752	EA	3' Juniperus chinensis - Columnar Chinese Juniper	76.70	
32 93 33 00-0753	EA	4' Juniperus chinensis - Columnar Chinese Juniper	105.28	
32 93 33 00-0754	EA	5' Juniperus chinensis - Columnar Chinese Juniper	165.44	
32 93 33 00-0755	EA	6' Juniperus chinensis - Columnar Chinese Juniper	192.51	
32 93 33 00-0756	EA	7' Juniperus chinensis - Columnar Chinese Juniper	252.67	
32 93 33 00-0757	EA	2 Gallon Chrysobalanus icaco - Cocoplum Red Tip	15.04	
32 93 33 00-0758	EA	3 Gallon Chrysobalanus icaco - Cocoplum Red Tip	21.06	
32 93 33 00-0759	EA	5 Gallon Chrysobalanus icaco - Cocoplum Red Tip	50.99	
32 93 33 00-0760	EA	2 Gallon Chrysobalanus icaco - Cocoplum Green Tip	15.04	
32 93 33 00-0761	EA	3 Gallon Chrysobalanus icaco - Cocoplum Green Tip	21.06	

32 93 43 Trees *(32 93)*

Note: (cvs = cultivar or cultivated varities) materials only. See CSI section 32 93 83 00-0001 for installation and planting of trees.

32 93 43 00-0001 Deciduous Ornamental Trees *(32 93 43)*

Note: All trees listed by caliper of trunk or height of tree if field grown, dug with spade, balled and burlapped and delivered to site.

32 93 43 00-0002	EA	6' Clump Form Acer ginnala & cvs - Amur Maple	287.06	
32 93 43 00-0003	EA	7' Clump Form Acer ginnala & cvs - Amur Maple	350.85	
32 93 43 00-0004	EA	8' Clump Form Acer ginnala & cvs - Amur Maple	398.70	
32 93 43 00-0005	EA	10' Clump Form Acer ginnala & cvs - Amur Maple	462.49	
32 93 43 00-0006	EA	12' Clump Form Acer ginnala & cvs - Amur Maple	526.28	
32 93 43 00-0007	EA	14' Clump Form Acer ginnala & cvs - Amur Maple	621.97	
32 93 43 00-0008	EA	1-1/2" To 2" Caliper Acer griseum - Paperbark Maple	285.63	
32 93 43 00-0009	EA	2" To 2-1/2" Caliper Acer griseum - Paperbark Maple	1,020.66	
32 93 43 00-0010	EA	2-1/2" To 3" Caliper Acer griseum - Paperbark Maple	1,275.83	
32 93 43 00-0011	EA	5' Clump Form Acer griseum - Paperbark Maple	255.17	
32 93 43 00-0012	EA	1-1/2" Caliper Aesculus californica - California Buckeye	637.91	
32 93 43 00-0013	EA	2" Caliper Aesculus californica - California Buckeye	829.29	
32 93 43 00-0014	EA	2-1/2" Caliper Aesculus californica - California Buckeye	956.87	
32 93 43 00-0015	EA	3" Caliper Aesculus californica - California Buckeye	1,084.45	
32 93 43 00-0016	EA	3-1/2" Caliper Aesculus californica - California Buckeye	1,275.83	
32 93 43 00-0017	EA	36" Balled and Burlapped, Amelanchier alnifolia & cvs - Saskatoon Serviceberry	104.63	
32 93 43 00-0018	EA	48" Balled and Burlapped, Amelanchier alnifolia & cvs - Saskatoon Serviceberry	130.78	
32 93 43 00-0019	EA	60" Balled and Burlapped, Amelanchier alnifolia & cvs - Saskatoon Serviceberry	162.17	
32 93 43 00-0020	EA	60" Balled and Burlapped, Amelanchier arborea & cvs - Downy Serviceberry	130.78	
32 93 43 00-0021	EA	72" Balled and Burlapped, Amelanchier arborea & cvs - Downy Serviceberry	156.94	
32 93 43 00-0022	EA	7' Balled and Burlapped, Amelanchier arborea & cvs - Downy Serviceberry	183.10	
32 93 43 00-0023	EA	8' Balled and Burlapped, Amelanchier arborea & cvs - Downy Serviceberry	209.25	
32 93 43 00-0024	EA	5' Balled and Burlapped, Amelanchier canadensis & cvs - Shadblow Serviceberry	235.41	
32 93 43 00-0025	EA	6' Balled and Burlapped, Amelanchier canadensis & cvs - Shadblow Serviceberry	261.57	
32 93 43 00-0026	EA	7' Balled and Burlapped, Amelanchier canadensis & cvs - Shadblow Serviceberry	300.80	
32 93 43 00-0027	EA	8' Balled and Burlapped, Amelanchier canadensis & cvs - Shadblow Serviceberry	340.03	
32 93 43 00-0028	EA	9' Balled and Burlapped, Amelanchier canadensis & cvs - Shadblow Serviceberry	392.35	
32 93 43 00-0029	EA	7' Balled and Burlapped, Amelanchier laevis & cvs - Allegheny Serviceberry	300.80	
32 93 43 00-0030	EA	8' Balled and Burlapped, Amelanchier laevis & cvs - Allegheny Serviceberry	353.11	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0031	EA	9' Balled and Burlapped, Amelanchier laevis & cvs - Allegheny Serviceberry	405.43	
32 93 43 00-0032	EA	10' Balled and Burlapped, Amelanchier laevis & cvs - Allegheny Serviceberry	444.66	
32 93 43 00-0033	EA	30" Balled and Burlapped, Amelanchier stolonifera & cvs - Running Serviceberry	104.63	
32 93 43 00-0034	EA	48" Balled and Burlapped, Amelanchier stolonifera & cvs - Running Serviceberry	222.33	
32 93 43 00-0035	EA	60" Balled and Burlapped, Amelanchier stolonifera & cvs - Running Serviceberry	287.72	
32 93 43 00-0036	EA	2' To 4' Amelemchier - Juneberry	31.85	
32 93 43 00-0037	EA	4' To 5' Amelemchier - Juneberry	33.41	
32 93 43 00-0038	EA	5' To 6' Amelemchier - Juneberry	39.78	
32 93 43 00-0039	EA	6' To 8' Amelemchier - Juneberry	47.46	
32 93 43 00-0040	EA	15 Gallon Chilopsis linearis - Desert Willow	69.77	
32 93 43 00-0041	EA	24" Box Chilopsis linearis - Desert Willow	224.68	
32 93 43 00-0042	EA	36" Box Chilopsis linearis - Desert Willow	591.26	
32 93 43 00-0043	EA	15 Gallon Chionanthus retusus - Chinese Fringe Tree	69.77	
32 93 43 00-0044	EA	24" Box Chionanthus retusus - Chinese Fringe Tree	189.20	
32 93 43 00-0045	EA	36" Box Chionanthus retusus - Chinese Fringe Tree	650.38	
32 93 43 00-0046	EA	1 Gallon Handroanthus impetiginosus (Tabebuia avellanedae) - Pink Trumpet Tree	11.71	
32 93 43 00-0047	EA	5 Gallon Handroanthus impetiginosus (Tabebuia avellanedae) - Pink Trumpet Tree	28.97	
32 93 43 00-0048	EA	15 Gallon Handroanthus impetiginosus (Tabebuia avellanedae) - Pink Trumpet Tree	93.42	
32 93 43 00-0049	EA	1 Gallon Jacaranda mimosifolia - Jacaranda	7.69	
32 93 43 00-0050	EA	5 Gallon Jacaranda mimosifolia - Jacaranda	21.29	
32 93 43 00-0051	EA	15 Gallon Jacaranda mimosifolia - Jacaranda	57.94	
32 93 43 00-0052	EA	24" Box Jacaranda mimosifolia - Jacaranda	189.20	
32 93 43 00-0053	EA	36" Box Jacaranda mimosifolia - Jacaranda	532.13	
32 93 43 00-0054	EA	1 Gallon Koelreuteria bipinnata - Chinese Flame Tree	7.69	
32 93 43 00-0055	EA	5 Gallon Koelreuteria bipinnata - Chinese Flame Tree	21.29	
32 93 43 00-0056	EA	15 Gallon Koelreuteria bipinnata - Chinese Flame Tree	69.77	
32 93 43 00-0057	EA	5 Gallon Liquidambar styraciflua 'Burgundy' - Burgundy Sweetgum	28.94	
32 93 43 00-0058	EA	15 Gallon Liquidambar styraciflua 'Burgundy' - Burgundy Sweetgum	121.98	
32 93 43 00-0059	EA	24" Box Liquidambar styraciflua 'Burgundy' - Burgundy Sweetgum	330.80	
32 93 43 00-0060	EA	36" Box Liquidambar styraciflua 'Burgundy' - Burgundy Sweetgum	930.38	
32 93 43 00-0061	EA	48" Box Liquidambar styraciflua 'Burgundy' - Burgundy Sweetgum	2,377.62	
32 93 43 00-0062	EA	5 Gallon Liquidambar styraciflua 'Festival' - Festival Sweetgum	28.94	
32 93 43 00-0063	EA	15 Gallon Liquidambar styraciflua 'Festival' - Festival Sweetgum	121.98	
32 93 43 00-0064	EA	24" Box Liquidambar styraciflua 'Festival' - Festival Sweetgum	330.80	
32 93 43 00-0065	EA	36" Box Liquidambar styraciflua 'Festival' - Festival Sweetgum	930.38	
32 93 43 00-0066	EA	48" Box Liquidambar styraciflua 'Festival' - Festival Sweetgum	2,377.62	
32 93 43 00-0067	EA	5 Gallon Liquidambar styraciflua 'Palo Alto' - Palo Alto Sweetgum	28.94	
32 93 43 00-0068	EA	15 Gallon Liquidambar styraciflua 'Palo Alto' - Palo Alto Sweetgum	121.98	
32 93 43 00-0069	EA	24" Box Liquidambar styraciflua 'Palo Alto' - Palo Alto Sweetgum	330.80	
32 93 43 00-0070	EA	36" Box Liquidambar styraciflua 'Palo Alto' - Palo Alto Sweetgum	930.38	
32 93 43 00-0071	EA	48" Box Liquidambar styraciflua 'Palo Alto' - Palo Alto Sweetgum	2,377.62	
32 93 43 00-0072	EA	15 Gallon Macadamia integrifolia - Smoothshell macadamia	177.38	
32 93 43 00-0073	EA	2' To 3' Magnolia Virginiana - Sweetbay Magnolia	60.45	
32 93 43 00-0074	EA	3' To 4' Magnolia Virginiana - Sweetbay Magnolia	90.67	
32 93 43 00-0075	EA	4' To 5' Magnolia Virginiana - Sweetbay Magnolia	113.34	
32 93 43 00-0076	EA	5' To 6' Magnolia Virginiana - Sweetbay Magnolia	141.16	
32 93 43 00-0077	EA	4' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	239.22	
32 93 43 00-0078	EA	5' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	318.96	
32 93 43 00-0079	EA	6' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	414.64	
32 93 43 00-0080	EA	7' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	462.49	
32 93 43 00-0081	EA	8' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	558.17	
32 93 43 00-0082	EA	9' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	621.97	
32 93 43 00-0083	EA	4' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	239.22	
32 93 43 00-0084	EA	5' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	318.96	
32 93 43 00-0085	EA	6' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	414.64	
32 93 43 00-0086	EA	7' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	462.49	
32 93 43 00-0087	EA	8' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	558.17	
32 93 43 00-0088	EA	9' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	621.97	
32 93 43 00-0089	EA	1 Gallon Melaleuca saligna (Callistemon salignus) - White Bottle Brush	6.80	
32 93 43 00-0090	EA	5 Gallon Melaleuca saligna (Callistemon salignus) - White Bottle Brush	32.52	
32 93 43 00-0091	EA	15 Gallon Melaleuca saligna (Callistemon salignus) - White Bottle Brush	56.17	
32 93 43 00-0092	EA	15 Gallon Melia azedarach - China Berry	67.39	
32 93 43 00-0093	EA	24" Box Melia azedarach - China Berry	222.30	
32 93 43 00-0094	EA	1 Gallon Pittosporum undulatum - Victorian Box	25.22	
32 93 43 00-0095	EA	5 Gallon Pittosporum undulatum - Victorian Box	54.31	
32 93 43 00-0096	EA	15 Gallon Pittosporum undulatum - Victorian Box	306.47	
32 93 43 00-0097	EA	24" Box Pittosporum undulatum - Victorian Box	737.09	
32 93 43 00-0098	EA	36" Box Pittosporum undulatum - Victorian Box	2,133.67	
32 93 43 00-0099	EA	48" Box Pittosporum undulatum - Victorian Box	4,849.25	
32 93 43 00-0100	EA	5 Gallon Platanus Racemosa - California Sycamore	21.29	
32 93 43 00-0101	EA	15 Gallon Platanus Racemosa - California Sycamore	57.94	
32 93 43 00-0102	EA	24" Box Platanus Racemosa - California Sycamore	189.20	
32 93 43 00-0103	EA	36" Box Platanus Racemosa - California Sycamore	532.13	
32 93 43 00-0104	EA	1 Gallon Platanus racemosa, Multi Trunk - Western Sycamore	6.82	
32 93 43 00-0105	EA	5 Gallon Platanus racemosa, Multi Trunk - Western Sycamore	28.89	
32 93 43 00-0106	EA	20 Gallon Prunus subhirtella - Flowering Cherry	394.55	
32 93 43 00-0107	EA	1-1/2" To 2" Caliper Prunus subhirtella - Flowering Cherry	407.84	
32 93 43 00-0108	EA	2" To 2-1/2" Caliper Prunus subhirtella - Flowering Cherry	509.75	
32 93 43 00-0109	EA	3-1/2" To 4" Caliper Prunus subhirtella - Flowering Cherry	1,063.80	
32 93 43 00-0110	EA	3" To 3-1/2" Caliper Prunus subhirtella - Flowering Cherry	819.90	
32 93 43 00-0111	EA	4" To 5" Caliper Prunus subhirtella - Flowering Cherry	1,595.70	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0112	EA	5 Gallon Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	101.91	
32 93 43 00-0113	EA	15 Gallon Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	279.14	
32 93 43 00-0114	EA	20 Gallon Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	363.53	
32 93 43 00-0115	EA	5' To 6' Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	115.20	
32 93 43 00-0116	EA	6' To 8' Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	221.54	
32 93 43 00-0117	EA	1-1/2" To 2" Caliper Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	407.84	
32 93 43 00-0118	EA	2" To 2-1/2" Caliper Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	487.59	
32 93 43 00-0119	EA	1-1/2" To 1-3/4" Caliper Prunus subhirtella - Weeping Cherry	319.23	
32 93 43 00-0120	EA	1-1/4" To 1-1/2" Caliper Prunus subhirtella - Weeping Cherry	265.84	
32 93 43 00-0121	EA	1-3/4" To 2" Caliper Prunus subhirtella - Weeping Cherry	389.90	
32 93 43 00-0122	EA	2" To 2-1/2" Caliper Prunus subhirtella - Weeping Cherry	465.44	
32 93 43 00-0123	EA	2-1/2" To 3" Caliper Prunus subhirtella - Weeping Cherry	598.36	
32 93 43 00-0124	EA	15 Gallon Pyrus Calleryana x 'Aristocrat' - Flowering Pear	308.04	
32 93 43 00-0125	EA	20 Gallon Pyrus Calleryana x 'Aristocrat' - Flowering Pear	385.05	
32 93 43 00-0126	EA	1-1/2" To 2" Caliper Pyrus Calleryana x 'Aristocrat' - Flowering Pear	400.45	
32 93 43 00-0127	EA	2" To 2-1/2" Caliper Pyrus Calleryana x 'Aristocrat' - Flowering Pear	477.46	
32 93 43 00-0128	EA	2-1/2" To 3" Caliper Pyrus Calleryana x 'Aristocrat' - Flowering Pear	646.89	
32 93 43 00-0129	EA	3" To 3-1/2" Caliper Pyrus Calleryana x 'Aristocrat' - Flowering Pear	847.12	
32 93 43 00-0130	EA	3-1/2" To 4" Caliper Pyrus Calleryana x 'Aristocrat' - Flowering Pear	1,078.14	
32 93 43 00-0131	EA	15 Gallon Pyrus Calleryana x "Bradford" - Flowering Pear	308.04	
32 93 43 00-0132	EA	20 Gallon Pyrus Calleryana x "Bradford" - Flowering Pear	385.05	
32 93 43 00-0133	EA	1-1/2" To 2" Caliper Pyrus Calleryana x "Bradford" - Flowering Pear	261.84	
32 93 43 00-0134	EA	2" To 2-1/2" Caliper Pyrus Calleryana x "Bradford" - Flowering Pear	400.45	
32 93 43 00-0135	EA	2-1/2" To 3" Caliper Pyrus Calleryana x "Bradford" - Flowering Pear	477.05	
32 93 43 00-0136	EA	3" To 3-1/2" Caliper Pyrus Calleryana x "Bradford" - Flowering Pear	646.89	
32 93 43 00-0137	EA	3-1/2" To 4" Caliper Pyrus Calleryana x "Bradford" - Flowering Pear	847.12	
32 93 43 00-0138	EA	5 Gallon Pyrus calleryana 'Chanticleer' - Chanticleer Flowering Pear	26.28	
32 93 43 00-0139	EA	15 Gallon Pyrus calleryana 'Chanticleer' - Chanticleer Flowering Pear	68.32	
32 93 43 00-0140	EA	24" Box Pyrus calleryana 'Chanticleer' - Chanticleer Flowering Pear	236.50	
32 93 43 00-0141	EA	36" Box Pyrus calleryana 'Chanticleer' - Chanticleer Flowering Pear	630.67	
32 93 43 00-0142	EA	1-1/2" Caliper Pyrus calleryana & cvs - Callery Pear	561.11	
32 93 43 00-0143	EA	2" Caliper Pyrus calleryana & cvs - Callery Pear	701.39	
32 93 43 00-0144	EA	2-1/2" Caliper Pyrus calleryana & cvs - Callery Pear	869.73	
32 93 43 00-0145	EA	3" Caliper Pyrus calleryana & cvs - Callery Pear	981.95	
32 93 43 00-0146	EA	3-1/2" Caliper Pyrus calleryana & cvs - Callery Pear	1,094.17	
32 93 43 00-0147	EA	4" Caliper Pyrus calleryana & cvs - Callery Pear	1,402.78	
32 93 43 00-0148	EA	5 Gallon Quercus kelloggii - California Black Oak	53.21	
32 93 43 00-0149	EA	15 Gallon Quercus kelloggii - California Black Oak	94.60	
32 93 43 00-0150	EA	1 Gallon Quercus lobata - Valley Oak	10.63	
32 93 43 00-0151	EA	5 Gallon Quercus lobata - Valley Oak	31.92	
32 93 43 00-0152	EA	15 Gallon Quercus lobata - Valley Oak	95.77	
32 93 43 00-0153	EA	1 Gallon Ribes aureum - Golden Current	5.97	
32 93 43 00-0154	EA	5 Gallon Ribes aureum - Golden Current	17.07	
32 93 43 00-0155	EA	1 Gallon Ribes sanguineum - Red Flowering Currant	5.97	
32 93 43 00-0156	EA	5 Gallon Ribes sanguineum - Red Flowering Currant	17.07	
32 93 43 00-0157	EA	1 Gallon Ribes viburnifolium - Evergreen Currant	5.97	
32 93 43 00-0158	EA	5 Gallon Ribes viburnifolium - Evergreen Currant	17.07	
32 93 43 00-0159	EA	8' Cassia leptophlia - Gold Medallion Tree	402.96	
32 93 43 00-0160	EA	10' Cassia leptophlia - Gold Medallion Tree	511.45	
32 93 43 00-0161	EA	12' Cassia leptophlia - Gold Medallion Tree	619.94	
32 93 43 00-0162	EA	5 Gallon Celtis Sinensis - Chinese Hackberry	45.48	
32 93 43 00-0163	EA	15 Gallon Celtis Sinensis - Chinese Hackberry	119.92	
32 93 43 00-0164	EA	24" Box Celtis Sinensis - Chinese Hackberry	392.82	
32 93 43 00-0165	EA	36" Box Celtis Sinensis - Chinese Hackberry	1,147.46	
32 93 43 00-0166	EA	15 Gallon Cercis canadensis - American Redbud, Eastern Redbud	93.42	
32 93 43 00-0167	EA	24" Box Cercis canadensis - American Redbud, Eastern Redbud	224.68	
32 93 43 00-0168	EA	36" Box Cercis canadensis - American Redbud, Eastern Redbud	591.26	
32 93 43 00-0169	EA	1 Gallon Cercis occidentalis - Western Redbud	7.69	
32 93 43 00-0170	EA	5 Gallon Cercis occidentalis - Western Redbud	28.97	
32 93 43 00-0171	EA	15 Gallon Cercis occidentalis - Western Redbud	93.42	
32 93 43 00-0172	EA	24" Box Cercis occidentalis - Western Redbud	224.68	
32 93 43 00-0173	EA	36" Box Cercis occidentalis - Western Redbud	650.38	
32 93 43 00-0174	EA	1 Gallon Chitalpa tashkentensis - Chitalpa	5.32	
32 93 43 00-0175	EA	5 Gallon Chitalpa tashkentensis - Chitalpa	16.56	
32 93 43 00-0176	EA	15 Gallon Chitalpa tashkentensis - Chitalpa	57.94	
32 93 43 00-0177	EA	24" Box Chitalpa tashkentensis - Chitalpa	189.20	
32 93 43 00-0178	EA	36" Box Chitalpa tashkentensis - Chitalpa	532.13	
32 93 43 00-0179	EA	6' Magnolia grandiflora 'St. Mary's'	464.96	
32 93 43 00-0180	EA	8' Magnolia grandiflora 'St. Mary's'	821.42	
32 93 43 00-0181	EA	10' Magnolia grandiflora 'St. Mary's'	1,032.20	
32 93 43 00-0182	EA	12' Magnolia grandiflora 'St. Mary's'	1,239.88	
32 93 43 00-0183	EA	14' Magnolia grandiflora 'St. Mary's'	1,441.36	
32 93 43 00-0184	EA	16' Magnolia grandiflora 'St. Mary's'	1,704.84	
32 93 43 00-0185	EA	24" Box Magnolia grandiflora 'St. Mary's'	511.45	
32 93 43 00-0186	EA	6' Prunus cerasifera - Purple Leaf Plum	241.78	
32 93 43 00-0187	EA	8' Prunus cerasifera - Purple Leaf Plum	278.97	
32 93 43 00-0188	EA	10' Prunus cerasifera - Purple Leaf Plum	359.57	
32 93 43 00-0189	EA	24" Box Prunus cerasifera - Purple Leaf Plum	382.81	
32 93 43 00-0190	EA	30" Box Prunus cerasifera - Purple Leaf Plum	774.92	
32 93 43 00-0191	EA	36" Box Prunus cerasifera - Purple Leaf Plum	1,188.74	
32 93 43 00-0192	EA	6' Pittosporum phillyraeoides - Willow Pittorporum	505.25	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0193	EA	8' Pittosporum phillyraeoides - Willow Pittorporum	722.23	
32 93 43 00-0194	EA	10' Pittosporum phillyraeoides - Willow Pittorporum	864.82	
32 93 43 00-0195	EA	12' Pittosporum phillyraeoides - Willow Pittorporum	1,115.89	
32 93 43 00-0196	EA	6' Stenocarpus sinuatus - Firewheel Tree	743.93	
32 93 43 00-0197	EA	8' Stenocarpus sinuatus - Firewheel Tree	991.90	
32 93 43 00-0198	EA	10" Stenocarpus sinuatus - Firewheel Tree	1,239.88	
32 93 43 00-0199	EA	12' Stenocarpus sinuatus - Firewheel Tree	1,487.86	
32 93 43 00-0200	EA	24" Box Handroanthus impetiginosus (Tabebuia avellanedae) - Pink Trumpet Tree	737.09	
32 93 43 00-0201	EA	36" Box Handroanthus impetiginosus (Tabebuia avellanedae) - Pink Trumpet Tree	2,133.67	
32 93 43 00-0202	EA	1-1/2" Caliper Arbutus menziesii - Madrona	539.08	
32 93 43 00-0203	EA	2" Caliper Arbutus menziesii - Madrona	700.80	
32 93 43 00-0204	EA	2-1/2" Caliper Arbutus menziesii - Madrona	808.62	
32 93 43 00-0205	EA	3" Caliper Arbutus menziesii - Madrona	916.43	
32 93 43 00-0206	EA	3-1/2" Caliper Arbutus menziesii - Madrona	1,078.16	
32 93 43 00-0207	EA	1 Gallon Arbutus 'Marina' - Marina Strawberry Tree	7.69	
32 93 43 00-0208	EA	5 Gallon Arbutus 'Marina' - Marina Strawberry Tree	28.97	
32 93 43 00-0209	EA	15 Gallon Arbutus 'Marina' - Marina Strawberry Tree	93.42	
32 93 43 00-0210	EA	24" Box Arbutus 'Marina' - Marina Strawberry Tree	224.68	
32 93 43 00-0211	EA	36" Box Arbutus 'Marina' - Marina Strawberry Tree	722.64	
32 93 43 00-0212	EA	1 Gallon Arbutus unedo - Strawberry Tree	7.10	
32 93 43 00-0213	EA	5 Gallon Arbutus unedo - Strawberry Tree	21.29	
32 93 43 00-0214	EA	15 Gallon Arbutus unedo - Strawberry Tree	93.42	
32 93 43 00-0215	EA	24" Box Arbutus unedo - Strawberry Tree	224.68	
32 93 43 00-0216	EA	36" Box Arbutus unedo - Strawberry Tree	650.38	
32 93 43 00-0217	EA	1-1/2" Caliper Koelreuteria bipinnata - Chinese Flame Tree	371.96	
32 93 43 00-0218	EA	2" Caliper Koelreuteria bipinnata - Chinese Flame Tree	604.44	
32 93 43 00-0219	EA	2-1/2" Caliper Koelreuteria bipinnata - Chinese Flame Tree	743.93	
32 93 43 00-0220	EA	3" Caliper Koelreuteria bipinnata - Chinese Flame Tree	821.42	
32 93 43 00-0221	EA	24" Box Koelreuteria bipinnata - Chinese Flame Tree	362.66	
32 93 43 00-0222	EA	30" Box Koelreuteria bipinnata - Chinese Flame Tree	836.92	
32 93 43 00-0223	EA	36" Box Koelreuteria bipinnata - Chinese Flame Tree	1,309.62	
32 93 43 00-0224	EA	1-1/2" Cliber Koelreuteria paniculata - Golden Rain Tree	337.87	
32 93 43 00-0225	EA	2" Cliber Koelreuteria paniculata - Golden Rain Tree	548.65	
32 93 43 00-0226	EA	2-1/2" Cliber Koelreuteria paniculata - Golden Rain Tree	672.63	
32 93 43 00-0227	EA	3" Cliber Koelreuteria paniculata - Golden Rain Tree	759.43	
32 93 43 00-0228	EA	6' Magnolia grandiflora - Southern Magnolia	229.38	
32 93 43 00-0229	EA	7' Magnolia grandiflora - Southern Magnolia	347.17	
32 93 43 00-0230	EA	8' Magnolia grandiflora - Southern Magnolia	486.65	
32 93 43 00-0231	EA	9' Magnolia grandiflora - Southern Magnolia	647.84	
32 93 43 00-0232	EA	10' Magnolia grandiflora - Southern Magnolia	985.70	
32 93 43 00-0233	EA	24" Box Magnolia grandiflora - Southern Magnolia	402.96	
32 93 43 00-0234	EA	1-1/2" Caliper Tipuana tipu - Tipu Tree	480.45	
32 93 43 00-0235	EA	2" Caliper Tipuana tipu - Tipu Tree	626.14	
32 93 43 00-0236	EA	2-1/2" Caliper Tipuana tipu - Tipu Tree	793.52	
32 93 43 00-0237	EA	3" Caliper Tipuana tipu - Tipu Tree	914.41	
32 93 43 00-0238	EA	3-1/2" Caliper Tipuana tipu - Tipu Tree	1,345.27	
32 93 43 00-0239	EA	4" Caliper Tipuana tipu - Tipu Tree	1,797.83	
32 93 43 00-0240	EA	1 Gallon Tipuana tipu - Tipu Tree	7.69	
32 93 43 00-0241	EA	5 Gallon Tipuana tipu - Tipu Tree	21.29	
32 93 43 00-0242	EA	15 Gallon Tipuana tipu - Tipu Tree	69.77	
32 93 43 00-0243	EA	24" Box Tipuana tipu - Tipu Tree	362.66	
32 93 43 00-0244	EA	6' Albizia julibrissin - Silk Tree	743.93	
32 93 43 00-0245	EA	8' Albizia julibrissin - Silk Tree	991.90	
32 93 43 00-0246	EA	10' Albizia julibrissin - Silk Tree	1,239.88	
32 93 43 00-0247	EA	12' Albizia julibrissin - Silk Tree	1,487.86	
32 93 43 00-0248	EA	6' Brachychiton acerifolius - Flame Tree	743.93	
32 93 43 00-0249	EA	8' Brachychiton acerifolius - Flame Tree	991.90	
32 93 43 00-0250	EA	10' Brachychiton acerifolius - Flame Tree	1,239.88	
32 93 43 00-0251	EA	12' Brachychiton acerifolius - Flame Tree	1,487.86	
32 93 43 00-0252	EA	1-1/2" Caliper Chilopsis linearis - Desert Willow	601.34	
32 93 43 00-0253	EA	2" Caliper Chilopsis linearis - Desert Willow	722.23	
32 93 43 00-0254	EA	2-1/2" Caliper Chilopsis linearis - Desert Willow	768.73	
32 93 43 00-0255	EA	3" Caliper Chilopsis linearis - Desert Willow	852.42	
32 93 43 00-0256	EA	5 Gallon Chionanthus retusus - Chinese Fringe Tree	31.00	
32 93 43 00-0257	EA	15 Gallon Chionanthus retusus - Chinese Fringe Tree	123.99	
32 93 43 00-0258	EA	24" Box Chionanthus retusus - Chinese Fringe Tree	619.94	
32 93 43 00-0259	EA	1 Gallon Callistemon salignus - White BottleBrush	4.14	
32 93 43 00-0260	EA	5 Gallon Callistemon salignus - White BottleBrush	11.83	
32 93 43 00-0261	EA	15 Gallon Callistemon salignus - White BottleBrush	46.12	
32 93 43 00-0262	EA	24" Box Callistemon salignus - White BottleBrush	189.20	
32 93 43 00-0263	EA	5 Gallon Calodendrum capense - Cape Chestnut	46.50	
32 93 43 00-0264	EA	15 Gallon Calodendrum capense - Cape Chestnut	185.98	
32 93 43 00-0265	EA	24" Box Calodendrum capense - Cape Chestnut	697.43	
32 93 43 00-0266	EA	6' Chionanthus virginicus - White Fringe Tree	371.96	
32 93 43 00-0267	EA	8' Chionanthus virginicus - White Fringe Tree	513.52	
32 93 43 00-0268	EA	10' Chionanthus virginicus - White Fringe Tree	715.26	
32 93 43 00-0269	EA	15 Gallon Geijera parvifolia - Australian Willow	220.08	
32 93 43 00-0270	EA	24" Box Geijera parvifolia - Australian Willow	453.00	
32 93 43 00-0271	EA	30" Box Geijera parvifolia - Australian Willow	843.64	
32 93 43 00-0272	EA	36" Box Geijera parvifolia - Australian Willow	1,210.44	
32 93 43 00-0273	EA	5 Gallon Gleditsia triacanthos 'Shademaster' - Shademaster Honey Locust	28.94	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0274	EA	15 Gallon Gleditsia triacanthos 'Shademaster' - Shademaster Honey Locust	101.31	
32 93 43 00-0275	EA	24" Box Gleditsia triacanthos 'Shademaster' - Shademaster Honey Locust	330.80	
32 93 43 00-0276	EA	36" Box Gleditsia triacanthos 'Shademaster' - Shademaster Honey Locust	878.69	
32 93 43 00-0277	EA	48" Box Gleditsia triacanthos 'Shademaster' - Shademaster Honey Locust	1,964.12	
32 93 43 00-0278	EA	5 Gallon Ginkgo biloba - Maidenhair Tree or Ginkgo	28.97	
32 93 43 00-0279	EA	15 Gallon Ginkgo biloba - Maidenhair Tree or Ginkgo	93.42	
32 93 43 00-0280	EA	24" Box Ginkgo biloba - Maidenhair Tree or Ginkgo	189.20	
32 93 43 00-0281	EA	36" Box Ginkgo biloba - Maidenhair Tree or Ginkgo	650.38	
32 93 43 00-0282	EA	1-1/2" Caliper Ginko Biloba - Maidenhair Tree	652.90	
32 93 43 00-0283	EA	2" Caliper Ginko Biloba - Maidenhair Tree	909.66	
32 93 43 00-0284	EA	2-1/2" Caliper Ginko Biloba - Maidenhair Tree	1,096.73	
32 93 43 00-0285	EA	3" Caliper Ginko Biloba - Maidenhair Tree	1,280.13	
32 93 43 00-0286	EA	3-1/2" Caliper Ginko Biloba - Maidenhair Tree	1,676.28	
32 93 43 00-0287	EA	4" Caliper Ginko Biloba - Maidenhair Tree	1,789.98	
32 93 43 00-0288	EA	4-1/2" Caliper Ginko Biloba - Maidenhair Tree	1,907.36	
32 93 43 00-0289	EA	15 Gallon Sapium sebiferum - Chinese Tallow Tree	220.08	
32 93 43 00-0290	EA	24" Box Sapium sebiferum - Chinese Tallow Tree	806.96	
32 93 43 00-0291	EA	4' To 5' Lagerstroemia indica - Crape Myrtle	234.75	
32 93 43 00-0292	EA	6' Lagerstroemia indica - Crape Myrtle	436.49	
32 93 43 00-0293	EA	8' Lagerstroemia indica - Crape Myrtle	451.16	
32 93 43 00-0294	EA	10' Lagerstroemia indica - Crape Myrtle	546.53	
32 93 43 00-0295	EA	24" Box Lagerstroemia indica - Crape Myrtle	429.16	
32 93 43 00-0296		**Deciduous Shade Trees** *(32 93 43)*		
		Note: All trees listed by caliper of trunk or height of tree if field grown, dug with spade, balled and burlapped and delivered to site.		
32 93 43 00-0297	EA	3-1/2" To 4" Caliper Acer palmatum - Bloodgood Japanese Maple	244.39	
32 93 43 00-0298	EA	4" To 4-1/2" Caliper Acer palmatum - Bloodgood Japanese Maple	299.57	
32 93 43 00-0299	EA	4-1/2" To 5" Caliper Acer palmatum - Bloodgood Japanese Maple	390.23	
32 93 43 00-0300	EA	5" To 6" Caliper Acer palmatum - Bloodgood Japanese Maple	505.85	
32 93 43 00-0301	EA	2' To 2-1/2' Acer palmatum - Japanese Maple	25.78	
32 93 43 00-0302	EA	4' To 5' Acer palmatum - Japanese Maple	54.13	
32 93 43 00-0303	EA	5' To 6' Acer palmatum - Japanese Maple	70.88	
32 93 43 00-0304	EA	6' To 7' Acer palmatum - Japanese Maple	128.88	
32 93 43 00-0305	EA	7' To 8' Acer palmatum - Japanese Maple	180.43	
32 93 43 00-0306	EA	8' To 10' Acer palmatum - Japanese Maple	231.99	
32 93 43 00-0307	EA	10' To 12' Acer palmatum - Japanese Maple	309.32	
32 93 43 00-0308	EA	2" Caliper Acer platanoides & cvs - Norway Maple	131.39	
32 93 43 00-0309	EA	2" Caliper Acer platanoides & cvs - Norway Maple	159.95	
32 93 43 00-0310	EA	3" Caliper Acer platanoides & cvs - Norway Maple	205.65	
32 93 43 00-0311	EA	3-1/2" Caliper Acer platanoides & cvs - Norway Maple	239.93	
32 93 43 00-0312	EA	4" Caliper Acer platanoides & cvs - Norway Maple	257.07	
32 93 43 00-0313	EA	4-1/2" Caliper Acer platanoides & cvs - Norway Maple	279.92	
32 93 43 00-0314	EA	5" Caliper Acer platanoides & cvs - Norway Maple	314.19	
32 93 43 00-0315	EA	2" Caliper Acer rubrum & cvs - Red Maple	125.68	
32 93 43 00-0316	EA	2-1/2" Caliper Acer rubrum & cvs - Red Maple	159.95	
32 93 43 00-0317	EA	3" Caliper Acer rubrum & cvs - Red Maple	205.65	
32 93 43 00-0318	EA	3-1/2" Caliper Acer rubrum & cvs - Red Maple	251.35	
32 93 43 00-0319	EA	4" Caliper Acer rubrum & cvs - Red Maple	285.63	
32 93 43 00-0320	EA	4-1/2" Caliper Acer rubrum & cvs - Red Maple	331.33	
32 93 43 00-0321	EA	5" Caliper Acer rubrum & cvs - Red Maple	371.32	
32 93 43 00-0322	EA	8' Clump Form Acer rubrum & cvs - Red Maple	154.24	
32 93 43 00-0323	EA	10' Clump Form Acer rubrum & cvs - Red Maple	205.65	
32 93 43 00-0324	EA	12' Clump Form Acer rubrum & cvs - Red Maple	239.93	
32 93 43 00-0325	EA	14' Clump Form Acer rubrum & cvs - Red Maple	274.21	
32 93 43 00-0326	EA	16' Clump Form Acer rubrum & cvs - Red Maple	308.48	
32 93 43 00-0327	EA	18' Clump Form Acer rubrum & cvs - Red Maple	342.76	
32 93 43 00-0328	EA	2" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut	199.94	
32 93 43 00-0329	EA	2-1/2" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut	222.79	
32 93 43 00-0330	EA	3" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut	251.35	
32 93 43 00-0331	EA	3-1/2" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut	285.63	
32 93 43 00-0332	EA	4" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut	342.76	
32 93 43 00-0333	EA	2" Caliper Betula nigra - River Birch	142.82	
32 93 43 00-0334	EA	2-1/2" Caliper Betula nigra - River Birch	161.72	
32 93 43 00-0335	EA	3" Caliper Betula nigra - River Birch	182.80	
32 93 43 00-0336	EA	3-1/2" Caliper Betula nigra - River Birch	228.50	
32 93 43 00-0337	EA	4" Caliper Betula nigra - River Birch	257.07	
32 93 43 00-0338	EA	4-1/2" Caliper Betula nigra - River Birch	285.63	
32 93 43 00-0339	EA	5" Caliper Betula nigra - River Birch	314.19	
32 93 43 00-0340	EA	8' Clump Form Betula nigra - River Birch	131.39	
32 93 43 00-0341	EA	10' Clump Form Betula nigra - River Birch	148.53	
32 93 43 00-0342	EA	12' Clump Form Betula nigra - River Birch	171.38	
32 93 43 00-0343	EA	14' Clump Form Betula nigra - River Birch	199.94	
32 93 43 00-0344	EA	16' Clump Form Betula nigra - River Birch	228.50	
32 93 43 00-0345	EA	12' Clump Form Betula platyphylla japonica & cvs - Asian White Birch	171.38	
32 93 43 00-0346	EA	14' Clump Form Betula platyphylla japonica & cvs - Asian White Birch	205.65	
32 93 43 00-0347	EA	16' Clump Form Betula platyphylla japonica & cvs - Asian White Birch	239.93	
32 93 43 00-0348	EA	18' Clump Form Betula platyphylla japonica & cvs - Asian White Birch	285.63	
32 93 43 00-0349	EA	20' Clump Form Betula platyphylla japonica & cvs - Asian White Birch	297.06	
32 93 43 00-0350	EA	2" Caliper Carpinus betulus & cvs - European Hornbeam	228.50	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0351	EA	2-1/2" Caliper Carpinus betulus & cvs - European Hornbeam	257.07	
32 93 43 00-0352	EA	3" Caliper Carpinus betulus & cvs - European Hornbeam	297.06	
32 93 43 00-0353	EA	3-1/2" Caliper Carpinus betulus & cvs - European Hornbeam	359.89	
32 93 43 00-0354	EA	6' Clump Form Carpinus betulus & cvs - European Hornbeam	102.83	
32 93 43 00-0355	EA	7' Clump Form Carpinus betulus & cvs - European Hornbeam	142.82	
32 93 43 00-0356	EA	8' Clump Form Carpinus betulus & cvs - European Hornbeam	177.09	
32 93 43 00-0357	EA	2" Caliper Catalpa speciosa - Western Catalpa	125.68	
32 93 43 00-0358	EA	2-1/2" Caliper Catalpa speciosa - Western Catalpa	171.38	
32 93 43 00-0359	EA	3" Caliper Catalpa speciosa - Western Catalpa	222.79	
32 93 43 00-0360	EA	3-1/2" Caliper Catalpa speciosa - Western Catalpa	268.49	
32 93 43 00-0361	EA	4" Caliper Catalpa speciosa - Western Catalpa	308.48	
32 93 43 00-0362	EA	8' Clump Form Corylus cornuta californica - Western Filbert	159.95	
32 93 43 00-0363	EA	10' Clump Form Corylus cornuta californica - Western Filbert	194.23	
32 93 43 00-0364	EA	12' Clump Form Corylus cornuta californica - Western Filbert	228.50	
32 93 43 00-0365	EA	1-1/2" Caliper Diospyros - Persimmon	102.83	
32 93 43 00-0366	EA	2" Caliper Diospyros - Persimmon	125.68	
32 93 43 00-0367	EA	2-1/2" Caliper Diospyros - Persimmon	159.95	
32 93 43 00-0368	EA	3" Caliper Diospyros - Persimmon	199.94	
32 93 43 00-0369	EA	3-1/2" Caliper Diospyros - Persimmon	239.93	
32 93 43 00-0370	EA	2" Caliper Fagus sylvatica & cvs - European Beech	257.07	
32 93 43 00-0371	EA	2-1/2" Caliper Fagus sylvatica & cvs - European Beech	308.48	
32 93 43 00-0372	EA	3" Caliper Fagus sylvatica & cvs - European Beech	371.32	
32 93 43 00-0373	EA	3-1/2" Caliper Fagus sylvatica & cvs - European Beech	411.31	
32 93 43 00-0374	EA	4" Caliper Fagus sylvatica & cvs - European Beech	485.57	
32 93 43 00-0375	EA	4-1/2" Caliper Fagus sylvatica & cvs - European Beech	628.39	
32 93 43 00-0376	EA	5" Caliper Fagus sylvatica & cvs - European Beech	742.64	
32 93 43 00-0377	EA	2" Caliper Fraxinus americana & cvs - White Ash	142.82	
32 93 43 00-0378	EA	2-1/2" Caliper Fraxinus americana & cvs - White Ash	171.38	
32 93 43 00-0379	EA	3" Caliper Fraxinus americana & cvs - White Ash	217.08	
32 93 43 00-0380	EA	3-1/2" Caliper Fraxinus americana & cvs - White Ash	262.78	
32 93 43 00-0381	EA	4" Caliper Fraxinus americana & cvs - White Ash	308.48	
32 93 43 00-0382	EA	4-1/2" Caliper Fraxinus americana & cvs - White Ash	342.76	
32 93 43 00-0383	EA	5" Caliper Fraxinus americana & cvs - White Ash	399.88	
32 93 43 00-0384	EA	1-1/2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)	199.94	
32 93 43 00-0385	EA	2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)	222.79	
32 93 43 00-0386	EA	2-1/2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)	251.35	
32 93 43 00-0387	EA	3" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)	279.92	
32 93 43 00-0388	EA	3-1/2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)	314.19	
32 93 43 00-0389	EA	4" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)	342.76	
32 93 43 00-0390	EA	4-1/2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)	514.13	
32 93 43 00-0391	EA	5" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)	571.26	
32 93 43 00-0392	EA	2" Caliper Gleditsia triocanthos inermis & cvs - Thornless Common Honeylocust	137.10	
32 93 43 00-0393	EA	2-1/2" Caliper Gleditsia triocanthos inermis & cvs - Thornless Common Honeylocust	171.38	
32 93 43 00-0394	EA	3" Caliper Gleditsia triocanthos inermis & cvs - Thornless Common Honeylocust	205.65	
32 93 43 00-0395	EA	3-1/2" Caliper Gleditsia triocanthos inermis & cvs - Thornless Common Honeylocust	239.93	
32 93 43 00-0396	EA	4" Caliper Gleditsia triocanthos inermis & cvs - Thornless Common Honeylocust	274.21	
32 93 43 00-0397	EA	4-1/2" Caliper Gleditsia triocanthos inermis & cvs - Thornless Common Honeylocust	308.48	
32 93 43 00-0398	EA	5" Caliper Gleditsia triocanthos inermis & cvs - Thornless Common Honeylocust	365.61	
32 93 43 00-0399	EA	10' - 12' Bursera Simaruba - Gumbo Limbo	72.26	
32 93 43 00-0400	EA	12' - 14' Bursera Simaruba - Gumbo Limbo	85.40	
32 93 43 00-0401	EA	14' - 16' Bursera Simaruba - Gumbo Limbo	118.25	
32 93 43 00-0402	EA	17' - 18' Bursera Simaruba - Gumbo Limbo	153.73	
32 93 43 00-0403	EA	19' - 20' Bursera Simaruba - Gumbo Limbo	170.81	
32 93 43 00-0404	EA	21' - 22' Bursera Simaruba - Gumbo Limbo	202.34	
32 93 43 00-0405	EA	1-1/2" Caliper Juglans californica - California Walnut	137.10	
32 93 43 00-0406	EA	2" Caliper Juglans californica - California Walnut	159.95	
32 93 43 00-0407	EA	2-1/2" Caliper Juglans californica - California Walnut	199.94	
32 93 43 00-0408	EA	3" Caliper Juglans californica - California Walnut	251.35	
32 93 43 00-0409	EA	3-1/2" Caliper Juglans californica - California Walnut	308.48	
32 93 43 00-0410	EA	4" Caliper Juglans californica - California Walnut	371.32	
32 93 43 00-0411	EA	4-1/2" Caliper Juglans californica - California Walnut	428.45	
32 93 43 00-0412	EA	5" Caliper Juglans californica - California Walnut	485.57	
32 93 43 00-0413	EA	5 Gallon Koelreuteria Paniculata - Goldenrain Tree	15.47	
32 93 43 00-0414	EA	15 Gallon Koelreuteria Paniculata - Goldenrain Tree	38.66	
32 93 43 00-0415	EA	20 Gallon Koelreuteria Paniculata - Goldenrain Tree	77.33	
32 93 43 00-0416	EA	55 Gallon Koelreuteria Paniculata - Goldenrain Tree	100.53	
32 93 43 00-0417	EA	1-1/2" To 2" Caliper Koelreuteria Paniculata - Goldenrain Tree	73.46	
32 93 43 00-0418	EA	2" To 2-1/2" Caliper Koelreuteria Paniculata - Goldenrain Tree	88.93	
32 93 43 00-0419	EA	2-1/2" To 3" Caliper Koelreuteria Paniculata - Goldenrain Tree	123.73	
32 93 43 00-0420	EA	1-1/2" Caliper Liquidambar styraciflua - American Sweetgum	182.80	
32 93 43 00-0421	EA	2" Caliper Liquidambar styraciflua - American Sweetgum	228.50	
32 93 43 00-0422	EA	2-1/2" Caliper Liquidambar styraciflua - American Sweetgum	285.63	
32 93 43 00-0423	EA	3" Caliper Liquidambar styraciflua - American Sweetgum	342.76	
32 93 43 00-0424	EA	3-1/2" Caliper Liquidambar styraciflua - American Sweetgum	399.88	
32 93 43 00-0425	EA	1-1/2" Caliper Liriodendron tulipifera - Tulip Tree	182.80	
32 93 43 00-0426	EA	2" Caliper Liriodendron tulipifera - Tulip Tree	251.35	
32 93 43 00-0427	EA	2-1/2" Caliper Liriodendron tulipifera - Tulip Tree	297.06	
32 93 43 00-0428	EA	3" Caliper Liriodendron tulipifera - Tulip Tree	342.76	
32 93 43 00-0429	EA	3-1/2" Caliper Liriodendron tulipifera - Tulip Tree	388.46	
32 93 43 00-0430	EA	8' Clump Form Liriodendron tulipifera - Tulip Tree	137.10	
32 93 43 00-0431	EA	10' Clump Form Liriodendron tulipifera - Tulip Tree	245.64	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0432	EA	12' Clump Form Liriodendron tulipifera - Tulip Tree	297.06	
32 93 43 00-0433	EA	1-1/2" Caliper Nyssa sylvatica - Black Tupelo Sour Gum	182.80	
32 93 43 00-0434	EA	2" Caliper Nyssa sylvatica - Black Tupelo Sour Gum	228.50	
32 93 43 00-0435	EA	2-1/2" Caliper Nyssa sylvatica - Black Tupelo Sour Gum	285.63	
32 93 43 00-0436	EA	3" Caliper Nyssa sylvatica - Black Tupelo Sour Gum	342.76	
32 93 43 00-0437	EA	3-1/2" Caliper Nyssa sylvatica - Black Tupelo Sour Gum	399.88	
32 93 43 00-0438	EA	4' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum	79.98	
32 93 43 00-0439	EA	5' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum	91.40	
32 93 43 00-0440	EA	6' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum	108.54	
32 93 43 00-0441	EA	7' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum	137.10	
32 93 43 00-0442	EA	8' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum	171.38	
32 93 43 00-0443	EA	30" Box Platanus Occidentalis - Buttonwood Sycamore	248.18	
32 93 43 00-0444	EA	36" Box Platanus Occidentalis - Buttonwood Sycamore	361.00	
32 93 43 00-0445	EA	42" Box Platanus occidentalis - Buttonwood Sycamore	537.01	
32 93 43 00-0446	EA	1-1/2" To 2" Caliper Platanus occidentalis - Buttonwood Sycamore	83.04	
32 93 43 00-0447	EA	2" To 2-1/2" Caliper Platanus occidentalis - Buttonwood Sycamore	99.28	
32 93 43 00-0448	EA	2-1/2" To 3" Caliper Platanus occidentalis - Buttonwood Sycamore	135.37	
32 93 43 00-0449	EA	3" To 3-1/2" Caliper Platanus occidentalis - Buttonwood Sycamore	164.28	
32 93 43 00-0450	EA	8' To 10' Platanus occidentalis - Green Or Silver Buttonwood	68.32	
32 93 43 00-0451	EA	10' To 12' Platanus occidentalis - Green Or Silver Buttonwood	85.40	
32 93 43 00-0452	EA	12' To 14' Platanus occidentalis - Green Or Silver Buttonwood	151.10	
32 93 43 00-0453	EA	16' To 18' Platanus occidentalis - Green Or Silver Buttonwood	216.79	
32 93 43 00-0454	EA	2" Caliper Platanus x acerifolia & cvs - London Planetree	137.10	
32 93 43 00-0455	EA	2-1/2" Caliper Platanus x acerifolia & cvs - London Planetree	165.67	
32 93 43 00-0456	EA	3" Caliper Platanus x acerifolia & cvs - London Planetree	199.94	
32 93 43 00-0457	EA	3-1/2" Caliper Platanus x acerifolia & cvs - London Planetree	239.93	
32 93 43 00-0458	EA	4" Caliper Platanus x acerifolia & cvs - London Planetree	285.63	
32 93 43 00-0459	EA	2" Caliper Populus alba & cvs - White Poplar	137.10	
32 93 43 00-0460	EA	2-1/2" Caliper Populus alba & cvs - White Poplar	159.95	
32 93 43 00-0461	EA	3" Caliper Populus alba & cvs - White Poplar	182.80	
32 93 43 00-0462	EA	3-1/2" Caliper Populus alba & cvs - White Poplar	217.08	
32 93 43 00-0463	EA	4" Caliper Populus alba & cvs - White Poplar	239.93	
32 93 43 00-0464	EA	4-1/2" Caliper Populus alba & cvs - White Poplar	274.21	
32 93 43 00-0465	EA	2" Caliper Populus deltoides & cvs - Eastern Cottonwood	125.68	
32 93 43 00-0466	EA	2-1/2" Caliper Populus deltoides & cvs - Eastern Cottonwood	165.67	
32 93 43 00-0467	EA	3" Caliper Populus deltoides & cvs - Eastern Cottonwood	199.94	
32 93 43 00-0468	EA	3-1/2" Caliper Populus deltoides & cvs - Eastern Cottonwood	239.93	
32 93 43 00-0469	EA	4" Caliper Populus deltoides & cvs - Eastern Cottonwood	285.63	
32 93 43 00-0470	EA	1 Gallon Quercus agrifolia - Coast Live Oak	11.71	
32 93 43 00-0471	EA	5 Gallon Quercus agrifolia - Coast Live Oak	28.97	
32 93 43 00-0472	EA	15 Gallon Quercus agrifolia - Coast Live Oak	93.42	
32 93 43 00-0473	EA	24" Box Quercus agrifolia - Coast Live Oak	283.80	
32 93 43 00-0474	EA	2" Caliper Quercus palustris - Pin Oak	125.68	
32 93 43 00-0475	EA	2-1/2" Caliper Quercus palustris - Pin Oak	171.38	
32 93 43 00-0476	EA	3" Caliper Quercus palustris - Pin Oak	222.79	
32 93 43 00-0477	EA	3-1/2" Caliper Quercus palustris - Pin Oak	257.07	
32 93 43 00-0478	EA	4" Caliper Quercus palustris - Pin Oak	297.06	
32 93 43 00-0479	EA	4-1/2" Caliper Quercus palustris - Pin Oak	337.04	
32 93 43 00-0480	EA	5" Caliper Quercus palustris - Pin Oak	371.32	
32 93 43 00-0481	EA	2" Caliper Quercus shumardii - Shumard Oak	194.23	
32 93 43 00-0482	EA	2-1/2" Caliper Quercus shumardii - Shumard Oak	245.64	
32 93 43 00-0483	EA	3" Caliper Quercus shumardii - Shumard Oak	285.63	
32 93 43 00-0484	EA	3-1/2" Caliper Quercus shumardii - Shumard Oak	342.76	
32 93 43 00-0485	EA	4" Caliper Quercus shumardii - Shumard Oak	399.88	
32 93 43 00-0486	EA	4-1/2" Caliper Quercus shumardii - Shumard Oak	457.01	
32 93 43 00-0487	EA	5" Caliper Quercus shumardii - Shumard Oak	514.13	
32 93 43 00-0488	EA	24" Box Salix babylonica - Weeping Willow	144.39	
32 93 43 00-0489	EA	36" Box Salix babylonica - Weeping Willow	361.00	
32 93 43 00-0490	EA	1-1/2" To 2" Caliper Salix babylonica - Weeping Willow	83.04	
32 93 43 00-0491	EA	2" To 2-1/2" Caliper Salix babylonica - Weeping Willow	99.28	
32 93 43 00-0492	EA	2-1/2" To 3" Caliper Salix babylonica - Weeping Willow	108.30	
32 93 43 00-0493	EA	2' Thuja occidentalis - American Arborviatae	19.58	
32 93 43 00-0494	EA	2-1/2' Thuja occidentalis - American Arborviatae	21.15	
32 93 43 00-0495	EA	3' Thuja occidentalis - American Arborviatae	30.22	
32 93 43 00-0496	EA	4' Thuja occidentalis - American Arborviatae	41.52	
32 93 43 00-0497	EA	5' Thuja occidentalis - American Arborviatae	57.81	
32 93 43 00-0498	EA	6' Thuja occidentalis - American Arborviatae	80.15	
32 93 43 00-0499	EA	7' Thuja occidentalis - American Arborviatae	97.23	
32 93 43 00-0500	EA	8' Thuja occidentalis - American Arborviatae	136.65	
32 93 43 00-0501	EA	2" Caliper Tilia cordata & cvs - Littleleaf Linden	143.67	
32 93 43 00-0502	EA	2-1/2" Caliper Tilia cordata & cvs - Littleleaf Linden	173.55	
32 93 43 00-0503	EA	3" Caliper Tilia cordata & cvs - Littleleaf Linden	199.94	
32 93 43 00-0504	EA	3-1/2" Caliper Tilia cordata & cvs - Littleleaf Linden	245.64	
32 93 43 00-0505	EA	4" Caliper Tilia cordata & cvs - Littleleaf Linden	279.92	
32 93 43 00-0506	EA	4-1/2" Caliper Tilia cordata & cvs - Littleleaf Linden	314.19	
32 93 43 00-0507	EA	5" Caliper Tilia cordata & cvs - Littleleaf Linden	348.47	
32 93 43 00-0508	EA	2" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm	159.95	
32 93 43 00-0509	EA	2-1/2" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm	182.80	
32 93 43 00-0510	EA	3" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm	199.94	
32 93 43 00-0511	EA	3-1/2" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm	217.08	
32 93 43 00-0512	EA	4" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm	239.93	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0513	EA	4-1/2" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm	285.63	
32 93 43 00-0514	EA	5" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm	337.04	
32 93 43 00-0515	EA	2" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm	182.80	
32 93 43 00-0516	EA	2-1/2" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm	199.94	
32 93 43 00-0517	EA	3" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm	217.08	
32 93 43 00-0518	EA	3-1/2" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm	239.93	
32 93 43 00-0519	EA	4" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm	285.63	
32 93 43 00-0520	EA	4-1/2" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm	337.04	
32 93 43 00-0521	EA	5" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm	388.46	
32 93 43 00-0522	EA	2" Caliper Ulmus x `Regal' - Regal Hybrid Elm	182.80	
32 93 43 00-0523	EA	2-1/2" Mary-Louise Parker Ulmus x `Regal' - Regal Hybrid Elm	199.94	
32 93 43 00-0524	EA	3" Caliper Ulmus x `Regal' - Regal Hybrid Elm	217.08	
32 93 43 00-0525	EA	3-1/2" Caliper Ulmus x `Regal' - Regal Hybrid Elm	239.93	
32 93 43 00-0526	EA	4" Caliper Ulmus x `Regal' - Regal Hybrid Elm	285.63	
32 93 43 00-0527	EA	4-1/2" Caliper Ulmus x `Regal' - Regal Hybrid Elm	337.04	
32 93 43 00-0528	EA	5" Caliper Ulmus x `Regal' - Regal Hybrid Elm	388.46	
32 93 43 00-0529	EA	1-1/2" To 2" Caliper Platanus acerifolia "Bloodgold" - London Plane	341.12	
32 93 43 00-0530	EA	2" To 2-1/2" Caliper Platanus acerifolia "Bloodgold" - London Plane	608.89	
32 93 43 00-0531	EA	2-1/2" To 3" Caliper Platanus acerifolia "Bloodgold" - London Plane	891.32	
32 93 43 00-0532	EA	3" To 3-1/2" Caliper Platanus acerifolia "Bloodgold" - London Plane	1,107.74	
32 93 43 00-0533	EA	3-1/2" To 4" Caliper Platanus acerifolia "Bloodgold" - London Plane	1,434.19	
32 93 43 00-0534	EA	4" To 5" Caliper Platanus acerifolia "Bloodgold" - London Plane	1,632.26	
32 93 43 00-0535	EA	24" Box Platanus acerifolia "Bloodgold" - London Plane	429.16	
32 93 43 00-0536	EA	1-1/2" Caliper Quercus suber - Cork Oak	513.52	
32 93 43 00-0537	EA	2" Caliper Quercus suber - Cork Oak	711.59	
32 93 43 00-0538	EA	2-1/2" Caliper Quercus suber - Cork Oak	909.66	
32 93 43 00-0539	EA	3" Caliper Quercus suber - Cork Oak	1,137.08	
32 93 43 00-0540	EA	3-1/2" Caliper Quercus suber - Cork Oak	1,705.62	
32 93 43 00-0541	EA	4" Caliper Quercus suber - Cork Oak	2,200.80	
32 93 43 00-0542	EA	4-1/2" Caliper Quercus suber - Cork Oak	2,861.04	
32 93 43 00-0543	EA	1-1/2" Caliper Quercus ilex - Holly Oak	568.54	
32 93 43 00-0544	EA	2" Caliper Quercus ilex - Holly Oak	766.61	
32 93 43 00-0545	EA	2-1/2" Caliper Quercus ilex - Holly Oak	939.01	
32 93 43 00-0546	EA	3" Caliper Quercus ilex - Holly Oak	1,137.08	
32 93 43 00-0547	EA	3-1/2" Caliper Quercus ilex - Holly Oak	1,705.62	
32 93 43 00-0548	EA	4" Caliper Quercus ilex - Holly Oak	2,200.80	

32 93 43 00-0549 Evergreen Trees *(32 93 43)*

Note: All trees listed by caliper of trunk or height of tree if field grown, dug with spade, balled and burlapped and delivered to site.

32 93 43 00-0550	EA	5 Gallon Araucaria heterophylla (Araucaria excelsa) - Norfolk Island Pine, Star Pine	69.83	
32 93 43 00-0551	EA	15 Gallon Araucaria heterophylla (Araucaria excelsa) - Norfolk Island Pine, Star Pine	484.92	
32 93 43 00-0552	EA	24" Box Araucaria heterophylla (Araucaria excelsa) - Norfolk Island Pine, Star Pine	969.85	
32 93 43 00-0553	EA	36" Box Araucaria heterophylla (Araucaria excelsa) - Norfolk Island Pine, Star Pine	2,327.64	
32 93 43 00-0554	EA	1 Gallon Bauhinia variegata (Bauhinia purpurea) - Purple Orchid Tree	7.69	
32 93 43 00-0555	EA	5 Gallon Bauhinia variegata (Bauhinia purpurea) - Purple Orchid Tree	28.97	
32 93 43 00-0556	EA	15 Gallon Bauhinia variegata (Bauhinia purpurea) - Purple Orchid Tree	93.42	
32 93 43 00-0557	EA	24" Box Bauhinia variegata (Bauhinia purpurea) - Purple Orchid Tree	224.68	
32 93 43 00-0558	EA	5 Gallon Bauhinia blakeana - Hong Kong Orchid Tree	21.29	
32 93 43 00-0559	EA	15 Gallon Bauhinia blakeana - Hong Kong Orchid Tree	93.42	
32 93 43 00-0560	EA	24" Box Bauhinia blakeana - Hong Kong Orchid Tree	224.68	
32 93 43 00-0561	EA	1 Gallon Callistemon viminalis - Weeping Bottlebrush	17.46	
32 93 43 00-0562	EA	5 Gallon Callistemon viminalis - Weeping Bottlebrush	54.31	
32 93 43 00-0563	EA	15 Gallon Callistemon viminalis - Weeping Bottlebrush	190.09	
32 93 43 00-0564	EA	24" Box Callistemon viminalis - Weeping Bottlebrush	620.70	
32 93 43 00-0565	EA	36" Box Callistemon viminalis - Weeping Bottlebrush	1,745.73	
32 93 43 00-0566	EA	2' To 3' Cedrus atlantica - Blue Atlas Cedar	25.16	
32 93 43 00-0567	EA	3' To 4' Cedrus atlantica - Blue Atlas Cedar	40.45	
32 93 43 00-0568	EA	4' To 5' Cedrus atlantica - Blue Atlas Cedar	60.09	
32 93 43 00-0569	EA	5' To 6' Cedrus atlantica - Blue Atlas Cedar	80.84	
32 93 43 00-0570	EA	7' To 8' Cedrus atlantica - Blue Atlas Cedar	114.77	
32 93 43 00-0571	EA	6' Cedrus decurrens - Incese Cedar	117.27	
32 93 43 00-0572	EA	8' Cedrus decurrens - Incese Cedar	242.58	
32 93 43 00-0573	EA	10' Cedrus decurrens - Incese Cedar	321.30	
32 93 43 00-0574	EA	12' Cedrus decurrens - Incese Cedar	425.72	
32 93 43 00-0575	EA	1 Gallon Cedrus deodara - Deodar Cedar	38.41	
32 93 43 00-0576	EA	5 Gallon Cedrus deodara - Deodar Cedar	69.83	
32 93 43 00-0577	EA	15 Gallon Cedrus deodara - Deodar Cedar	306.47	
32 93 43 00-0578	EA	24" Box Cedrus deodara - Deodar Cedar	969.85	
32 93 43 00-0579	EA	36" Box Cedrus deodara - Deodar Cedar	2,133.67	
32 93 43 00-0580	EA	6' To 8' Cedrus deodara - Indian Cedar	103.85	
32 93 43 00-0581	EA	8' To 10' Cedrus deodara - Indian Cedar	120.24	
32 93 43 00-0582	EA	10' To 12' Cedrus deodara - Indian Cedar	163.94	
32 93 43 00-0583	EA	12' To 14' Cedrus deodara - Indian Cedar	213.11	
32 93 43 00-0584	EA	14' To 16' Cedrus deodara - Indian Cedar	273.25	
32 93 43 00-0585	EA	5 Gallon Cedrus libani - Cedar of Lebanon	69.83	
32 93 43 00-0586	EA	15 Gallon Cedrus libani - Cedar of Lebanon	306.47	
32 93 43 00-0587	EA	24" Box Cedrus libani - Cedar of Lebanon	737.09	
32 93 43 00-0588	EA	36" Box Cedrus libani - Cedar of Lebanon	2,133.67	
32 93 43 00-0589	EA	15 Gallon Celtis australis - European Hackberry	252.16	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0590	EA	24" Box Celtis australis - European Hackberry	872.86	
32 93 43 00-0591	EA	15" To 18" Chamaecyparis obtusa - Compact Hinoki Cypress	32.46	
32 93 43 00-0592	EA	18" To 24" Chamaecyparis obtusa - Compact Hinoki Cypress	48.69	
32 93 43 00-0593	EA	2' To 3' Chamaecyparis obtusa - Compact Hinoki Cypress	75.74	
32 93 43 00-0594	EA	3' To 4' Chamaecyparis obtusa - Compact Hinoki Cypress	129.85	
32 93 43 00-0595	EA	1 Gallon Cinnamomum camphora - Camphor Tree	25.22	
32 93 43 00-0596	EA	5 Gallon Cinnamomum camphora - Camphor Tree	69.83	
32 93 43 00-0597	EA	15 Gallon Cinnamomum camphora - Camphor Tree	190.09	
32 93 43 00-0598	EA	24" Box Cinnamomum camphora - Camphor Tree	620.70	
32 93 43 00-0599	EA	36" Box Cinnamomum camphora - Camphor Tree	1,745.73	
32 93 43 00-0600	EA	5 Gallon Cupressocyparis leylandii - Leyland Cypress	17.86	
32 93 43 00-0601	EA	15 Gallon Cupressocyparis leylandii - Leyland Cypress	71.44	
32 93 43 00-0602	EA	4' To 5' Cupressocyparis leylandii - Leyland Cypress	31.25	
32 93 43 00-0603	EA	5' To 6' Cupressocyparis leylandii - Leyland Cypress	40.18	
32 93 43 00-0604	EA	6' To 7' Cupressocyparis leylandii - Leyland Cypress	62.51	
32 93 43 00-0605	EA	24" Box Cupressocyparis leylandii - Leyland Cypress	151.81	
32 93 43 00-0606	EA	1 Gallon Cupressus macrocarpa - Monterey Cypress	3.26	
32 93 43 00-0607	EA	5 Gallon Cupressus macrocarpa - Monterey Cypress	14.66	
32 93 43 00-0608	EA	15 Gallon Cupressus macrocarpa - Monterey Cypress	48.85	
32 93 43 00-0609	EA	5 Gallon Cupressus sempervirens - Italian Cypress	16.81	
32 93 43 00-0610	EA	15 Gallon Cupressus sempervirens - Italian Cypress	46.22	
32 93 43 00-0611	EA	1 Gallon Eriobotrya deflexa - Bronze Loquat	25.22	
32 93 43 00-0612	EA	5 Gallon Eriobotrya deflexa - Bronze Loquat	69.83	
32 93 43 00-0613	EA	15 Gallon Eriobotrya deflexa - Bronze Loquat	306.47	
32 93 43 00-0614	EA	24" Box Eriobotrya deflexa - Bronze Loquat	737.09	
32 93 43 00-0615	EA	36" Box Eriobotrya deflexa - Bronze Loquat	2,133.67	
32 93 43 00-0616	EA	1 Gallon Heteromeles arbutifolia - Toyon	25.22	
32 93 43 00-0617	EA	5 Gallon Heteromeles arbutifolia - Toyon	69.83	
32 93 43 00-0618	EA	15 Gallon Heteromeles arbutifolia - Toyon	232.73	
32 93 43 00-0619	EA	24" Box Heteromeles arbutifolia - Toyon	737.09	
32 93 43 00-0620	EA	1 Gallon Juniperus horizontalis "Bar Harbor' - Bar Harbor Juniper	4.94	
32 93 43 00-0621	EA	2 Gallon Juniperus horizontalis "Bar Harbor' - Bar Harbor Juniper	9.66	
32 93 43 00-0622	EA	3 Gallon Juniperus horizontalis "Bar Harbor' - Bar Harbor Juniper	11.98	
32 93 43 00-0623	EA	5 Gallon Juniperus horizontalis "Bar Harbor' - Bar Harbor Juniper	14.08	
32 93 43 00-0624	EA	1 Gallon Juniperus - Blue Sargent Juniper	4.94	
32 93 43 00-0625	EA	2 Gallon Juniperus - Blue Sargent Juniper	9.66	
32 93 43 00-0626	EA	3 Gallon Juniperus - Blue Sargent Juniper	11.98	
32 93 43 00-0627	EA	5 Gallon Juniperus - Blue Sargent Juniper	14.08	
32 93 43 00-0628	EA	5 Gallon Juniperus - Compact Pfitzer Juniper	14.08	
32 93 43 00-0629	EA	15" To 18" Juniperus - Compact Pfitzer Juniper	15.23	
32 93 43 00-0630	EA	18" To 24" Juniperus - Compact Pfitzer Juniper	18.38	
32 93 43 00-0631	EA	2' To 2 1/2' Juniperus - Compact Pfitzer Juniper	27.31	
32 93 43 00-0632	EA	2-1/2' To 3' Juniperus - Compact Pfitzer Juniper	31.62	
32 93 43 00-0633	EA	5' To 6' Juniperus - Fairview Juniper	47.10	
32 93 43 00-0634	EA	1 Gallon Juniperus - Hollywood Juniper	6.30	
32 93 43 00-0635	EA	5 Gallon Juniperus - Hollywood Juniper	17.54	
32 93 43 00-0636	EA	15 Gallon Juniperus - Hollywood Juniper	74.38	
32 93 43 00-0637	EA	4' To 5' Juniperus - Hollywood Juniper	49.17	
32 93 43 00-0638	EA	5' To 6' Juniperus - Hollywood Juniper	63.35	
32 93 43 00-0639	EA	1 Gallon Juniperus - Parson's Juniper	4.94	
32 93 43 00-0640	EA	2 Gallon Juniperus - Parson's Juniper	9.77	
32 93 43 00-0641	EA	3 Gallon Juniperus - Parson's Juniper	12.08	
32 93 43 00-0642	EA	5 Gallon Juniperus - Parson's Juniper	14.29	
32 93 43 00-0643	EA	5 Gallon Juniperus - Skyrocket Juniper	17.65	
32 93 43 00-0644	EA	15 Gallon Juniperus - Skyrocket Juniper	75.11	
32 93 43 00-0645	EA	2' To 3' Juniperus - Skyrocket Juniper	26.47	
32 93 43 00-0646	EA	3' To 4' Juniperus - Skyrocket Juniper	37.50	
32 93 43 00-0647	EA	4' To 5' Juniperus - Skyrocket Juniper	49.69	
32 93 43 00-0648	EA	5' To 6' Juniperus - Skyrocket Juniper	64.08	
32 93 43 00-0649	EA	6' To 8' Juniperus - Skyrocket Juniper	82.78	
32 93 43 00-0650	EA	1 Gallon Juniperus horizontalis "Wiltonii" - Blue Rug Juniper	4.94	
32 93 43 00-0651	EA	2 Gallon Juniperus horizontalis "Wiltonii" - Blue Rug Juniper	9.72	
32 93 43 00-0652	EA	3 Gallon Juniperus horizontalis "Wiltonii" - Blue Rug Juniper	11.92	
32 93 43 00-0653	EA	5 Gallon Juniperus horizontalis "Wiltonii" - Blue Rug Juniper	14.13	
32 93 43 00-0654	EA	1 Gallon Juniperus horizontalis "Plumosa" - Compact Andorra Juniper	4.94	
32 93 43 00-0655	EA	2 Gallon Juniperus horizontalis "Plumosa" - Compact Andorra Juniper	9.72	
32 93 43 00-0656	EA	3 Gallon Juniperus horizontalis "Plumosa" - Compact Andorra Juniper	11.92	
32 93 43 00-0657	EA	5 Gallon Juniperus horizontalis "Plumosa" - Compact Andorra Juniper	14.13	
32 93 43 00-0658	EA	4' Metrosideros excelsus - New Zealand Christmas Tree	99.60	
32 93 43 00-0659	EA	5' Metrosideros excelsus - New Zealand Christmas Tree	134.95	
32 93 43 00-0660	EA	6' Metrosideros excelsus - New Zealand Christmas Tree	229.73	
32 93 43 00-0661	EA	8' Metrosideros excelsus - New Zealand Christmas Tree	284.35	
32 93 43 00-0662	EA	24" Box Metrosideros excelsus - New Zealand Christmas Tree	189.20	
32 93 43 00-0663	EA	1 Gallon Photinia fraseri - Fraser's Photinia	17.46	
32 93 43 00-0664	EA	5 Gallon Photinia fraseri - Fraser's Photinia	151.30	
32 93 43 00-0665	EA	15 Gallon Photinia fraseri - Fraser's Photinia	228.88	
32 93 43 00-0666	EA	24" Box Photinia fraseri - Fraser's Photinia	737.09	
32 93 43 00-0667	EA	1 Gallon Melaleuca citrina (Callistemon citrinus) - Lemon Bottlebrush	13.58	
32 93 43 00-0668	EA	5 Gallon Melaleuca citrina (Callistemon citrinus) - Lemon Bottlebrush	38.79	
32 93 43 00-0669	EA	15 Gallon Melaleuca citrina (Callistemon citrinus) - Lemon Bottlebrush	151.30	
32 93 43 00-0670	EA	24" Box Melaleuca citrina (Callistemon citrinus) - Lemon Bottlebrush	620.70	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0671	EA	36" Box Melaleuca citrina (Callistemon citrinus) - Lemon Bottlebrush	1,745.73	
32 93 43 00-0672	EA	1 Gallon Melaleuca viminalis (Callistemon viminalis) - Weeping Bottle Brush	17.46	
32 93 43 00-0673	EA	5 Gallon Melaleuca viminalis (Callistemon viminalis) - Weeping Bottle Brush	54.31	
32 93 43 00-0674	EA	15 Gallon Melaleuca viminalis (Callistemon viminalis) - Weeping Bottle Brush	190.09	
32 93 43 00-0675	EA	24" Box Melaleuca viminalis (Callistemon viminalis) - Weeping Bottle Brush	620.70	
32 93 43 00-0676	EA	36" Box Melaleuca viminalis (Callistemon viminalis) - Weeping Bottle Brush	1,745.73	
32 93 43 00-0677	EA	1 Gallon Metrosideros excelsa - New Zealand Christmas Tree	7.69	
32 93 43 00-0678	EA	5 Gallon Metrosideros excelsa - New Zealand Christmas Tree	28.97	
32 93 43 00-0679	EA	15 Gallon Metrosideros excelsa - New Zealand Christmas Tree	93.42	
32 93 43 00-0680	EA	24" Box Olea europaea 'Swan Hill' - Swan Hill Olive	969.85	
32 93 43 00-0681	EA	36" Box Olea europaea 'Swan Hill' - Swan Hill Olive	2,327.64	
32 93 43 00-0682	EA	3' Pinus sylvestris - Scotch Pine	45.89	
32 93 43 00-0683	EA	4' Pinus sylvestris - Scotch Pine	63.70	
32 93 43 00-0684	EA	5' Pinus sylvestris - Scotch Pine	89.41	
32 93 43 00-0685	EA	6' Pinus sylvestris - Scotch Pine	124.05	
32 93 43 00-0686	EA	7' Pinus sylvestris - Scotch Pine	151.99	
32 93 43 00-0687	EA	8' Pinus sylvestris - Scotch Pine	214.57	
32 93 43 00-0688	EA	9' Pinus sylvestris - Scotch Pine	272.41	
32 93 43 00-0689	EA	10' Pinus sylvestris - Scotch Pine	314.32	
32 93 43 00-0690	EA	12' Pinus sylvestris - Scotch Pine	370.19	
32 93 43 00-0691	EA	14' Pinus sylvestris - Scotch Pine	419.09	
32 93 43 00-0692	EA	16' Pinus sylvestris - Scotch Pine	488.93	
32 93 43 00-0693	EA	1 Gallon Pinus thunbergiana - Japanese Black Pine	4.94	
32 93 43 00-0694	EA	5 Gallon Pinus thunbergiana - Japanese Black Pine	17.54	
32 93 43 00-0695	EA	15 Gallon Pinus thunbergiana - Japanese Black Pine	56.84	
32 93 43 00-0696	EA	2' To 3' Pinus thunbergiana - Japanese Black Pine	24.06	
32 93 43 00-0697	EA	3' To 4' Pinus thunbergiana - Japanese Black Pine	30.57	
32 93 43 00-0698	EA	4' To 5' Pinus thunbergiana - Japanese Black Pine	45.91	
32 93 43 00-0699	EA	5' To 6' Pinus thunbergiana - Japanese Black Pine	89.61	
32 93 43 00-0700	EA	6' To 7' Pinus Thunbergiana - Japanese Black Pine	100.54	
32 93 43 00-0701	EA	7' To 8' Pinus thunbergiana - Japanese Black Pine	125.65	
32 93 43 00-0702	EA	6' Pinus flexilis & cvs - Limber Pine	174.62	
32 93 43 00-0703	EA	7' Pinus flexilis & cvs - Limber Pine	202.56	
32 93 43 00-0704	EA	8' Pinus flexilis & cvs - Limber Pine	251.45	
32 93 43 00-0705	EA	9' Pinus flexilis & cvs - Limber Pine	307.33	
32 93 43 00-0706	EA	10' Pinus flexilis & cvs - Limber Pine	349.24	
32 93 43 00-0707	EA	1 Gallon Pinus mugo - Mugho Pine	6.51	
32 93 43 00-0708	EA	2 Gallon Pinus mugo - Mugho Pine	13.76	
32 93 43 00-0709	EA	3 Gallon Pinus mugo - Mugho Pine	17.23	
32 93 43 00-0710	EA	5 Gallon Pinus mugo - Mugho Pine	21.85	
32 93 43 00-0711	EA	12" To 15" Spread Pinus mugo - Mugho Pine	16.91	
32 93 43 00-0712	EA	15" To 18" Spread Pinus mugo - Mugho Pine	20.17	
32 93 43 00-0713	EA	18" To 24" Spread Pinus mugo - Mugho Pine	27.31	
32 93 43 00-0714	EA	2' To 2-1/2' Spread Pinus mugo - Mugho Pine	38.24	
32 93 43 00-0715	EA	2-1/2' To 3' Spread Pinus mugo - Mugho Pine	49.17	
32 93 43 00-0716	EA	3' To 3-1/2' Spread Pinus mugo - Mugho Pine	61.25	
32 93 43 00-0717	EA	3-1/2' To 4' Spread Pinus mugo - Mugho Pine	74.38	
32 93 43 00-0718	EA	6' Pinus nigra - Austrian Pine	174.62	
32 93 43 00-0719	EA	7' Pinus nigra - Austrian Pine	209.54	
32 93 43 00-0720	EA	8' Pinus nigra - Austrian Pine	272.41	
32 93 43 00-0721	EA	9' Pinus nigra - Austrian Pine	314.32	
32 93 43 00-0722	EA	10' Pinus nigra - Austrian Pine	370.19	
32 93 43 00-0723	EA	12' Pinus nigra - Austrian Pine	419.09	
32 93 43 00-0724	EA	14' Pinus nigra - Austrian Pine	467.98	
32 93 43 00-0725	EA	16' Pinus nigra - Austrian Pine	530.84	
32 93 43 00-0726	EA	1 Gallon Podocarpus - Chinese Podocarpus	3.26	
32 93 43 00-0727	EA	3 Gallon Podocarpus - Chinese Podocarpus	7.56	
32 93 43 00-0728	EA	7 Gallon Podocarpus - Chinese Podocarpus	21.85	
32 93 43 00-0729	EA	15 Gallon Podocarpus - Chinese Podocarpus	35.51	
32 93 43 00-0730	EA	4' To 5' Podocarpus - Chinese Podocarpus	54.63	
32 93 43 00-0731	EA	5' To 6' Sequoia sempervirens - Dawn Redwood	68.29	
32 93 43 00-0732	EA	6' To 8' Sequoia sempervirens - Dawn Redwood	92.19	
32 93 43 00-0733	EA	8' To 10' Sequoia sempervirens - Dawn Redwood	112.67	
32 93 43 00-0734	EA	3' To 4' Thuja occidentalis 'Wareana' - Siberian Arborvitae	13.17	
32 93 43 00-0735	EA	3' To 4' Thuja occidentalis ' Woodwadrii' - Woodward Arborvitae	24.65	
32 93 43 00-0736	EA	6' Pinus canariensis - Canary Island Pine	385.56	
32 93 43 00-0737	EA	8' Pinus canariensis - Canary Island Pine	514.08	
32 93 43 00-0738	EA	10' Pinus canariensis - Canary Island Pine	642.60	
32 93 43 00-0739	EA	12' Pinus canariensis - Canary Island Pine	771.12	
32 93 43 00-0740	EA	1 Gallon Pinus canariensis - Canary Island Pine	25.22	
32 93 43 00-0741	EA	5 Gallon Pinus canariensis - Canary Island Pine	69.83	
32 93 43 00-0742	EA	15 Gallon Pinus canariensis - Canary Island Pine	228.88	
32 93 43 00-0743	EA	24" Box Pinus canariensis - Canary Island Pine	396.81	
32 93 43 00-0744	EA	1 Gallon Pinus eldarica - Eldarica Pine, Afghan Pine, Mondell Pine	17.46	
32 93 43 00-0745	EA	5 Gallon Pinus eldarica - Eldarica Pine, Afghan Pine, Mondell Pine	54.31	
32 93 43 00-0746	EA	15 Gallon Pinus eldarica - Eldarica Pine, Afghan Pine, Mondell Pine	190.09	
32 93 43 00-0747	EA	24" Box Pinus eldarica - Eldarica Pine, Afghan Pine, Mondell Pine	620.70	
32 93 43 00-0748	EA	36" Box Pinus eldarica - Eldarica Pine, Afghan Pine, Mondell Pine	1,745.73	
32 93 43 00-0749	EA	1 Gallon Pinus halepensis - Aleppo Pine	17.46	
32 93 43 00-0750	EA	5 Gallon Pinus halepensis - Aleppo Pine	54.31	
32 93 43 00-0751	EA	15 Gallon Pinus halepensis - Aleppo Pine	190.09	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0752	EA	24" Box Pinus halepensis - Aleppo Pine	620.70	
32 93 43 00-0753	EA	36" Box Pinus halepensis - Aleppo Pine	1,745.73	
32 93 43 00-0754	EA	1 Gallon Pinus muricata - Bishop Pine	38.76	
32 93 43 00-0755	EA	5 Gallon Pinus muricata - Bishop Pine	116.34	
32 93 43 00-0756	EA	15 Gallon Pinus patula - Jelecote Pine, Mexican Weeping Pine	252.16	
32 93 43 00-0757	EA	24" Box Pinus patula - Jelecote Pine, Mexican Weeping Pine	872.86	
32 93 43 00-0758	EA	6' Pinus pinea - Italian Stone Pine	385.56	
32 93 43 00-0759	EA	8' Pinus pinea - Italian Stone Pine	514.08	
32 93 43 00-0760	EA	10' Pinus pinea - Italian Stone Pine	642.60	
32 93 43 00-0761	EA	12' Pinus pinea - Italian Stone Pine	771.12	
32 93 43 00-0762	EA	1 Gallon Pinus pinea - Italian Stone Pine	13.57	
32 93 43 00-0763	EA	5 Gallon Pinus pinea - Italian Stone Pine	37.59	
32 93 43 00-0764	EA	15 Gallon Pinus pinea - Italian Stone Pine	123.22	
32 93 43 00-0765	EA	24" Box Pinus pinea - Italian Stone Pine	334.15	
32 93 43 00-0766	EA	36" Box Pinus pinea - Italian Stone Pine	939.80	
32 93 43 00-0767	EA	1 Gallon Rhus lancea - African Sumac	25.22	
32 93 43 00-0768	EA	5 Gallon Rhus lancea - African Sumac	69.83	
32 93 43 00-0769	EA	15 Gallon Rhus lancea - African Sumac	190.09	
32 93 43 00-0770	EA	1 Gallon Pinus torreyana - Torrey Pine	38.41	
32 93 43 00-0771	EA	5 Gallon Pinus torreyana - Torrey Pine	95.05	
32 93 43 00-0772	EA	15 Gallon Pinus torreyana - Torrey Pine	306.47	
32 93 43 00-0773	EA	24" Box Pinus torreyana - Torrey Pine	737.09	
32 93 43 00-0774	EA	36" Box Pinus torreyana - Torrey Pine	2,133.67	
32 93 43 00-0775	EA	6' Pittosporum undulatum - Victorian Box	212.06	
32 93 43 00-0776	EA	8' Pittosporum undulatum - Victorian Box	335.76	
32 93 43 00-0777	EA	10' Pittosporum undulatum - Victorian Box	441.79	
32 93 43 00-0778	EA	6' Afrocarpus falcatus (Podocarpus gracilior) - African Fern Pine	401.62	
32 93 43 00-0779	EA	8' Afrocarpus falcatus (Podocarpus gracilior) - African Fern Pine	530.14	
32 93 43 00-0780	EA	10' Afrocarpus falcatus (Podocarpus gracilior) - African Fern Pine	674.73	
32 93 43 00-0781	EA	12' Afrocarpus falcatus (Podocarpus gracilior) - African Fern Pine	803.25	
32 93 43 00-0782	EA	24" Box Afrocarpus falcatus (Podocarpus gracilior) - African Fern Pine	187.96	
32 93 43 00-0783	EA	1 Gallon Laurus nobilis - Sweet Bay	17.46	
32 93 43 00-0784	EA	5 Gallon Laurus nobilis - Sweet Bay	54.31	
32 93 43 00-0785	EA	15 Gallon Laurus nobilis - Sweet Bay	190.09	
32 93 43 00-0786	EA	24" Box Laurus nobilis - Sweet Bay	620.70	
32 93 43 00-0787	EA	36" Box Laurus nobilis - Sweet Bay	2,133.67	
32 93 43 00-0788	EA	5 Gallon Lophostemon confertus (Tristania conferta) - Brisbane Box	54.31	
32 93 43 00-0789	EA	15 Gallon Lophostemon confertus (Tristania conferta) - Brisbane Box	190.09	
32 93 43 00-0790	EA	24" Box Lophostemon confertus (Tristania conferta) - Brisbane Box	620.70	
32 93 43 00-0791	EA	36" Box Lophostemon confertus (Tristania conferta) - Brisbane Box	1,745.73	
32 93 43 00-0792	EA	1 Gallon Lyonothamnus floribundus - Catalina Ironwood	38.41	
32 93 43 00-0793	EA	5 Gallon Lyonothamnus floribundus - Catalina Ironwood	95.05	
32 93 43 00-0794	EA	15 Gallon Lyonothamnus floribundus - Catalina Ironwood	484.92	
32 93 43 00-0795	EA	24" Box Lyonothamnus floribundus - Catalina Ironwood	969.85	
32 93 43 00-0796	EA	1 Gallon Lyonothamnus floribundus ssp. asplenifolius - Catalinia Ironwood	38.76	
32 93 43 00-0797	EA	5 Gallon Lyonothamnus floribundus ssp. asplenifolius - Catalinia Ironwood	116.34	
32 93 43 00-0798	EA	6' Melaleuca linariifolia - Flaxleaf Paperbark	337.36	
32 93 43 00-0799	EA	8' Melaleuca linariifolia - Flaxleaf Paperbark	449.82	
32 93 43 00-0800	EA	10' Melaleuca linariifolia - Flaxleaf Paperbark	562.28	
32 93 43 00-0801	EA	12' Melaleuca linariifolia - Flaxleaf Paperbark	674.73	
32 93 43 00-0802	EA	1 Gallon Melaleuca linariifolia - Flaxleaf Paperbark	9.40	
32 93 43 00-0803	EA	5 Gallon Melaleuca linariifolia - Flaxleaf Paperbark	29.24	
32 93 43 00-0804	EA	15 Gallon Melaleuca linariifolia - Flaxleaf Paperbark	102.33	
32 93 43 00-0805	EA	24" Box Melaleuca linariifolia - Flaxleaf Paperbark	334.15	
32 93 43 00-0806	EA	6' Melaleuca quinquenervia - Cajeput Tree	337.36	
32 93 43 00-0807	EA	8' Melaleuca quinquenervia - Cajeput Tree	449.82	
32 93 43 00-0808	EA	10' Melaleuca quinquenervia - Cajeput Tree	562.28	
32 93 43 00-0809	EA	12' Melaleuca quinquenervia - Cajeput Tree	674.73	
32 93 43 00-0810	EA	24" Box Melaleuca quinquenervia - Cajeput Tree	187.96	
32 93 43 00-0811	EA	30" Box Melaleuca quinquenervia - Cajeput Tree	473.92	
32 93 43 00-0812	EA	36" Box Melaleuca quinquenervia - Cajeput Tree	747.02	
32 93 43 00-0813	EA	1 Gallon Podocarpus macrophyllus - Yew Pine	7.47	
32 93 43 00-0814	EA	3 Gallon Podocarpus macrophyllus - Yew Pine	17.51	
32 93 43 00-0815	EA	5 Gallon Podocarpus macrophyllus - Yew Pine	22.97	
32 93 43 00-0816	EA	15 Gallon Podocarpus macrophyllus - Yew Pine	99.60	
32 93 43 00-0817	EA	24" Box Podocarpus macrophyllus - Yew Pine	192.78	
32 93 43 00-0818	EA	15 Gallon Prosopis alba 'Colorado' - Argentine Mesquite	221.09	
32 93 43 00-0819	EA	24" Box Prosopis alba 'Colorado' - Argentine Mesquite	768.08	
32 93 43 00-0820	EA	15 Gallon Prosopis hybrid 'Phoenix' - Phoenix Mesquite	221.09	
32 93 43 00-0821	EA	24" Box Prosopis hybrid 'Phoenix' - Phoenix Mesquite	768.08	
32 93 43 00-0822	EA	1 Gallon Prunus ilicifolia ssp lyonii (Prunus lyonii) - Catalina Cherry	25.22	
32 93 43 00-0823	EA	5 Gallon Prunus ilicifolia ssp lyonii (Prunus lyonii) - Catalina Cherry	95.05	
32 93 43 00-0824	EA	15 Gallon Prunus ilicifolia ssp lyonii (Prunus lyonii) - Catalina Cherry	213.37	
32 93 43 00-0825	EA	24" Box Prunus ilicifolia ssp lyonii (Prunus lyonii) - Catalina Cherry	737.09	
32 93 43 00-0826	EA	24" Box Quercus engelmannii - Mesa Oak	931.06	
32 93 43 00-0827	EA	36" Box Quercus engelmannii - Mesa Oak	2,327.64	
32 93 43 00-0828	EA	5 Gallon Quillaja saponaria - Soapbark Tree	252.16	
32 93 43 00-0829	EA	15 Gallon Quillaja saponaria - Soapbark Tree	872.86	
32 93 43 00-0830	EA	24" Box Rhus lancea - African Sumac	198.40	
32 93 43 00-0831	EA	30" Box Rhus lancea - African Sumac	321.30	
32 93 43 00-0832	EA	8' Rhus lancea - African Sumac	481.95	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0833	EA	10' Rhus lancea - African Sumac	538.18	
32 93 43 00-0834	EA	12' Rhus lancea - African Sumac	642.60	
32 93 43 00-0835	EA	1 Gallon Tristania conferta - Brisbane Box	25.22	
32 93 43 00-0836	EA	5 Gallon Tristania conferta - Brisbane Box	69.83	
32 93 43 00-0837	EA	15 Gallon Tristania conferta - Brisbane Box	190.09	
32 93 43 00-0838	EA	24" Box Tristania conferta - Brisbane Box	620.70	
32 93 43 00-0839	EA	36" Box Tristania conferta - Brisbane Box	1,745.73	

32 93 43 00-0840 Palm And Subtropical Trees *(32 93 43)*

Note: All trees listed by caliper of trunk or height of tree if field grown, dug with spade, balled and burlapped and delivered to site.

32 93 43 00-0841	EA	4' To 5' Acacia baileyana - Bailey Acacia	262.78	
32 93 43 00-0842	EA	6' Acacia baileyana - Bailey Acacia	315.34	
32 93 43 00-0843	EA	8' Acacia baileyana - Bailey Acacia	367.89	
32 93 43 00-0844	EA	10' Acacia baileyana - Bailey Acacia	459.86	
32 93 43 00-0845	EA	6' Agonis flexuosa - Peppermint Tree	157.67	
32 93 43 00-0846	EA	8' Agonis flexuosa - Peppermint Tree	197.08	
32 93 43 00-0847	EA	10' Agonis flexuosa - Peppermint Tree	236.50	
32 93 43 00-0848	EA	24" Box Agonis flexuosa - Peppermint Tree	196.43	
32 93 43 00-0849	EA	4' To 5' Bauninia blakeana - Hong Kong Orchid	466.85	
32 93 43 00-0850	EA	6' Bauninia blakeana - Hong Kong Orchid	553.71	
32 93 43 00-0851	EA	8' Bauninia blakeana - Hong Kong Orchid	738.28	
32 93 43 00-0852	EA	10' Bauninia blakeana - Hong Kong Orchid	922.84	
32 93 43 00-0853	EA	6' Bauhinia purpurea - Purple Orchid Tree	586.28	
32 93 43 00-0854	EA	8' Bauhinia purpurea - Purple Orchid Tree	781.70	
32 93 43 00-0855	EA	10' Bauhinia purpurea - Purple Orchid Tree	977.13	
32 93 43 00-0856	EA	24" Box Bauhinia purpurea - Purple Orchid Tree	254.05	
32 93 43 00-0857	EA	6' Bauhinia variegata candida - White Orchid Tree	651.42	
32 93 43 00-0858	EA	8' Bauhinia variegata candida - White Orchid Tree	868.56	
32 93 43 00-0859	EA	10' Bauhinia variegata candida - White Orchid Tree	1,085.70	
32 93 43 00-0860	EA	6' Callistemon citrinus - Crimson or Lemon Bottle Brush	354.75	
32 93 43 00-0861	EA	8' Callistemon citrinus - Crimson or Lemon Bottle Brush	473.00	
32 93 43 00-0862	EA	10' Callistemon citrinus - Crimson or Lemon Bottle Brush	591.26	
32 93 43 00-0863	EA	6' Callistemon viminalis - Weeping Bottle Brush	354.75	
32 93 43 00-0864	EA	8' Callistemon viminalis - Weeping Bottle Brush	473.00	
32 93 43 00-0865	EA	10' Callistemon viminalis - Weeping Bottle Brush	591.26	
32 93 43 00-0866	EA	12' Callistemon viminalis - Weeping Bottle Brush	709.51	
32 93 43 00-0867	EA	6' Eriobotrya deflexa - Bronze Loquat	586.28	
32 93 43 00-0868	EA	8' Eriobotrya deflexa - Bronze Loquat	781.70	
32 93 43 00-0869	EA	10' Eriobotrya deflexa - Bronze Loquat	977.13	
32 93 43 00-0870	EA	6' Eucalyptus erythrocorys - Red Cap Gum	586.28	
32 93 43 00-0871	EA	8' Eucalyptus erythrocorys - Red Cap Gum	781.70	
32 93 43 00-0872	EA	10' Eucalyptus erythrocorys - Red Cap Gum	977.13	
32 93 43 00-0873	EA	6' Eucalyptus gunnii - Cider Gum	586.28	
32 93 43 00-0874	EA	8' Eucalyptus gunnii - Cider Gum	781.70	
32 93 43 00-0875	EA	10' Eucalyptus gunnii - Cider Gum	977.13	
32 93 43 00-0876	EA	6' Eucalyptus leucoxylon - White Ironbark	586.28	
32 93 43 00-0877	EA	8' Eucalyptus leucoxylon - White Ironbark	781.70	
32 93 43 00-0878	EA	10' Eucalyptus leucoxylon - White Ironbark	977.13	
32 93 43 00-0879	EA	12' Eucalyptus leucoxylon - White Ironbark	1,172.56	
32 93 43 00-0880	EA	6' Eucalyptus polyanthemos - Silver Dollar Gum	586.28	
32 93 43 00-0881	EA	8' Eucalyptus polyanthemos - Silver Dollar Gum	781.70	
32 93 43 00-0882	EA	10' Eucalyptus polyanthemos - Silver Dollar Gum	977.13	
32 93 43 00-0883	EA	6' Eucalyptus torquala - Coral Gum	586.28	
32 93 43 00-0884	EA	8' Eucalyptus torquala - Coral Gum	781.70	
32 93 43 00-0885	EA	10' Eucalyptus torquala - Coral Gum	977.13	
32 93 43 00-0886	EA	8' Fraxinus oxycarpa "Raywood" - Raywood Ash	367.89	
32 93 43 00-0887	EA	10' Fraxinus oxycarpa "Raywood" - Raywood Ash	499.28	
32 93 43 00-0888	EA	12' Fraxinus oxycarpa "Raywood" - Raywood Ash	617.53	
32 93 43 00-0889	EA	6' Jacarandra acutifolia - Jacaranda	586.28	
32 93 43 00-0890	EA	8' Jacarandra acutifolia - Jacaranda	781.70	
32 93 43 00-0891	EA	10' Jacarandra acutifolia - Jacaranda	977.13	
32 93 43 00-0892	EA	24" Box Jacarandra acutifolia - Jacaranda	254.05	
32 93 43 00-0893	EA	6' Olea europaea - Olive "Fruitless"	433.76	
32 93 43 00-0894	EA	8' Olea europaea - Olive "Fruitless"	578.34	
32 93 43 00-0895	EA	10' Olea europaea - Olive "Fruitless"	722.92	
32 93 43 00-0896	EA	12' Olea europaea - Olive "Fruitless"	867.51	
32 93 43 00-0897	EA	24" Box Olea europaea - Olive "Fruitless"	533.36	
32 93 43 00-0898	EA	5 Gallon Pistacia chinensis - Chinese Pistache	39.09	
32 93 43 00-0899	EA	15 Gallon Pistacia chinensis - Chinese Pistache	130.28	
32 93 43 00-0900	EA	24" Box Pistacia chinensis - Chinese Pistache	505.94	
32 93 43 00-0901	EA	36" Box Pistacia chinensis - Chinese Pistache	1,346.27	
32 93 43 00-0902	EA	48" Box Pistacia chinensis - Chinese Pistache	2,866.25	
32 93 43 00-0903	EA	9' Ptychosperma elegans - Alexander Palm, Solitaire Palm	162.86	
32 93 43 00-0904	EA	11' Ptychosperma elegans - Alexander Palm, Solitaire Palm	271.42	
32 93 43 00-0905	EA	15' Ptychosperma elegans - Alexander Palm, Solitaire Palm	412.57	
32 93 43 00-0906	EA	17' Ptychosperma elegans - Alexander Palm, Solitaire Palm	466.85	
32 93 43 00-0907	EA	20' Ptychosperma elegans - Alexander Palm, Solitaire Palm	542.85	
32 93 43 00-0908	EA	5 Gallon Pyrus kawakamii - Evergreen Pear, Single	24.44	
32 93 43 00-0909	EA	15 Gallon Pyrus kawakamii - Evergreen Pear, Single	81.46	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0910	EA	24" Box Pyrus kawakamii - Evergreen Pear, Single	306.14	
32 93 43 00-0911	EA	30" Box Pyrus kawakamii - Evergreen Pear, Single	559.72	
32 93 43 00-0912	EA	36" Box Pyrus kawakamii - Evergreen Pear, Single	814.62	
32 93 43 00-0913	EA	5 Gallon Pyrus kawakamii - Evergreen Pear, Multi	24.44	
32 93 43 00-0914	EA	15 Gallon Pyrus kawakamii - Evergreen Pear, Multi	86.72	
32 93 43 00-0915	EA	24" Box Pyrus kawakamii - Evergreen Pear, Multi	315.34	
32 93 43 00-0916	EA	30" Box Pyrus kawakamii - Evergreen Pear, Multi	559.72	
32 93 43 00-0917	EA	36" Box Pyrus kawakamii - Evergreen Pear, Multi	814.62	
32 93 43 00-0918	EA	1 Gallon Washingtonia robusta - Mexican Fan Palm	9.30	
32 93 43 00-0919	EA	5 Gallon Washingtonia robusta - Mexican Fan Palm	28.94	
32 93 43 00-0920	EA	15 Gallon Washingtonia robusta - Mexican Fan Palm	101.31	
32 93 43 00-0921	EA	24" Box Washingtonia robusta - Mexican Fan Palm	330.80	
32 93 43 00-0922	EA	36" Box Washingtonia robusta - Mexican Fan Palm	878.69	
32 93 43 00-0923	EA	6' Washingtonia robusta - Mexican Fan Palm	586.28	
32 93 43 00-0924	EA	8' Washingtonia robusta - Mexican Fan Palm	781.70	
32 93 43 00-0925	EA	10' Washingtonia robusta - Mexican Fan Palm	977.13	
32 93 43 00-0926	EA	12' Washingtonia robusta - Mexican Fan Palm	1,172.56	
32 93 43 00-0927	EA	5 Gallon Phoenix roebelenii - Pygmy Date Palm	34.30	
32 93 43 00-0928	EA	7 Gallon Phoenix roebelenii - Pygmy Date Palm	83.62	
32 93 43 00-0929	EA	15 Gallon Phoenix roebelenii - Pygmy Date Palm	126.50	
32 93 43 00-0930	EA	24" Box Phoenix roebelenii - Pygmy Date Palm	375.20	

32 93 83 Planting of Trees, Shrubs and Ground Cover *(32 93)*

Note: Includes moving plant(s) from truck or staging site to planting site, excavation of hole, placing plant in hole, backfill and compaction. Use appropriate gallon, height or caliper size to match with description from plant section.

32 93 83 00-0001 Planting Trees *(32 93 83)*

Note: Excludes mulch. See CSI section 32 91 13 16-0001 for mulch.

32 93 83 00-0002	EA	3" To 5" Bare Root Seedlings Tree Planting	1.60	
32 93 83 00-0003	EA	6" To 10" Bare Root Seedlings Tree Planting	2.58	
32 93 83 00-0004	EA	11" To 16" Bare Root Seedlings Tree Planting	3.22	
32 93 83 00-0005	EA	17" To 24" Bare Root Seedlings Tree Planting	5.15	
32 93 83 00-0006	EA	1 Gallon Container Tree Planting	25.75	
		For >10 To 25, Deduct	*-1.29*	
		For >25 To 50, Deduct	*-3.22*	
		For >50 To 100, Deduct	*-5.15*	
		For >100, Deduct	*-7.73*	
32 93 83 00-0007	EA	2 Gallon Container Tree Planting	36.05	
		For >10 To 25, Deduct	*-1.80*	
		For >25 To 50, Deduct	*-4.51*	
		For >50 To 100, Deduct	*-7.21*	
		For >100, Deduct	*-10.82*	
32 93 83 00-0008	EA	3 Gallon Container Tree Planting	46.35	
		For >10 To 25, Deduct	*-2.32*	
		For >25 To 50, Deduct	*-5.79*	
		For >50 To 100, Deduct	*-9.27*	
		For >100, Deduct	*-13.91*	
32 93 83 00-0009	EA	5 Gallon Container Tree Planting	77.26	
		For >10 To 25, Deduct	*-3.86*	
		For >25 To 50, Deduct	*-9.66*	
		For >50 To 100, Deduct	*-15.45*	
		For >100, Deduct	*-23.18*	
32 93 83 00-0010	EA	7 Gallon Container Tree Planting	103.00	
		For >10 To 25, Deduct	*-5.15*	
		For >25 To 50, Deduct	*-12.88*	
		For >50 To 100, Deduct	*-20.60*	
		For >100, Deduct	*-30.90*	
32 93 83 00-0011	EA	10 Gallon Container Tree Planting	133.91	
		For >10 To 25, Deduct	*-6.70*	
		For >25 To 50, Deduct	*-16.74*	
		For >50 To 100, Deduct	*-26.78*	
		For >100, Deduct	*-40.17*	
32 93 83 00-0012	EA	15 Gallon Container Tree Planting	190.56	
		For >10 To 25, Deduct	*-9.53*	
		For >25 To 50, Deduct	*-23.82*	
		For >50 To 100, Deduct	*-38.11*	
		For >100, Deduct	*-57.17*	
32 93 83 00-0013	EA	20 Gallon Container Tree Planting	314.17	
		For >10 To 25, Deduct	*-15.71*	
		For >25 To 50, Deduct	*-39.27*	
		For >50 To 100, Deduct	*-62.83*	
		For >100, Deduct	*-94.25*	
32 93 83 00-0014	EA	25 Gallon Container Tree Planting	406.87	
		For >10 To 25, Deduct	*-20.34*	
		For >25 To 50, Deduct	*-50.86*	
		For >50 To 100, Deduct	*-81.37*	
		For >100, Deduct	*-122.06*	
32 93 83 00-0015	EA	30 Gallon Container Tree Planting	489.28	
		For >10 To 25, Deduct	*-24.46*	
		For >25 To 50, Deduct	*-61.16*	
		For >50 To 100, Deduct	*-97.86*	
		For >100, Deduct	*-146.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 83 00-0016	EA	45 Gallon Container Tree Planting	607.74	
		For >10 To 25, Deduct	*-30.39*	
		For >25 To 50, Deduct	*-75.97*	
		For >50 To 100, Deduct	*-121.55*	
		For >100, Deduct	*-182.32*	
32 93 83 00-0017	EA	65 Gallon Container Tree Planting	721.04	
		For >10 To 25, Deduct	*-36.05*	
		For >25 To 50, Deduct	*-90.13*	
		For >50 To 100, Deduct	*-144.21*	
		For >100, Deduct	*-216.31*	
32 93 83 00-0018	EA	6' Balled And Burlapped Tree Planting	257.52	
		For >10 To 25, Deduct	*-12.88*	
		For >25 To 50, Deduct	*-32.19*	
		For >50 To 100, Deduct	*-51.50*	
		For >100, Deduct	*-77.26*	
32 93 83 00-0019	EA	7' Balled And Burlapped Tree Planting	343.01	
		For >10 To 25, Deduct	*-17.15*	
		For >25 To 50, Deduct	*-42.88*	
		For >50 To 100, Deduct	*-68.60*	
		For >100, Deduct	*-102.90*	
32 93 83 00-0020	EA	8' Balled And Burlapped Tree Planting	386.28	
		For >10 To 25, Deduct	*-19.31*	
		For >25 To 50, Deduct	*-48.29*	
		For >50 To 100, Deduct	*-77.26*	
		For >100, Deduct	*-115.88*	
32 93 83 00-0021	EA	10' Balled And Burlapped Tree Planting	450.66	
		For >10 To 25, Deduct	*-22.53*	
		For >25 To 50, Deduct	*-56.33*	
		For >50 To 100, Deduct	*-90.13*	
		For >100, Deduct	*-135.20*	
32 93 83 00-0022	EA	12' Balled And Burlapped Tree Planting	602.59	
		For >10 To 25, Deduct	*-30.13*	
		For >25 To 50, Deduct	*-75.32*	
		For >50 To 100, Deduct	*-120.52*	
		For >100, Deduct	*-180.78*	
32 93 83 00-0023	EA	14' Balled And Burlapped Tree Planting	690.15	
		For >10 To 25, Deduct	*-34.51*	
		For >25 To 50, Deduct	*-86.27*	
		For >50 To 100, Deduct	*-138.03*	
		For >100, Deduct	*-207.05*	
32 93 83 00-0024	EA	16' Balled And Burlapped Tree Planting	836.93	
		For >10 To 25, Deduct	*-41.85*	
		For >25 To 50, Deduct	*-104.62*	
		For >50 To 100, Deduct	*-167.39*	
		For >100, Deduct	*-251.08*	
32 93 83 00-0025	EA	18' Balled And Burlapped Tree Planting	1,004.32	
		For >10 To 25, Deduct	*-50.22*	
		For >25 To 50, Deduct	*-125.54*	
		For >50 To 100, Deduct	*-200.86*	
		For >100, Deduct	*-301.30*	
32 93 83 00-0026	EA	20' Balled And Burlapped Tree Planting	1,158.83	
		For >10 To 25, Deduct	*-57.94*	
		For >25 To 50, Deduct	*-144.85*	
		For >50 To 100, Deduct	*-231.77*	
		For >100, Deduct	*-347.65*	
32 93 83 00-0027	EA	1-1/2" Caliper Balled And Burlapped Tree Planting	386.28	
		For >10 To 25, Deduct	*-19.31*	
		For >25 To 50, Deduct	*-48.29*	
		For >50 To 100, Deduct	*-77.26*	
		For >100, Deduct	*-115.88*	
32 93 83 00-0028	EA	2" Caliper Balled And Burlapped Tree Planting	450.66	
		For >10 To 25, Deduct	*-22.53*	
		For >25 To 50, Deduct	*-56.33*	
		For >50 To 100, Deduct	*-90.13*	
		For >100, Deduct	*-135.20*	
32 93 83 00-0029	EA	2-1/2" Caliper Balled And Burlapped Tree Planting	605.17	
		For >10 To 25, Deduct	*-30.26*	
		For >25 To 50, Deduct	*-75.65*	
		For >50 To 100, Deduct	*-121.03*	
		For >100, Deduct	*-181.55*	
32 93 83 00-0030	EA	3" Caliper Balled And Burlapped Tree Planting	695.29	
		For >10 To 25, Deduct	*-34.76*	
		For >25 To 50, Deduct	*-86.91*	
		For >50 To 100, Deduct	*-139.06*	
		For >100, Deduct	*-208.59*	
32 93 83 00-0031	EA	3-1/2" Caliper Balled And Burlapped Tree Planting	772.55	
		For >10 To 25, Deduct	*-38.63*	
		For >25 To 50, Deduct	*-96.57*	
		For >50 To 100, Deduct	*-154.51*	
		For >100, Deduct	*-231.77*	
32 93 83 00-0032	EA	4" Caliper Balled And Burlapped Tree Planting	885.85	
		For >10 To 25, Deduct	*-44.29*	
		For >25 To 50, Deduct	*-110.73*	
		For >50 To 100, Deduct	*-177.17*	
		For >100, Deduct	*-265.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 83 00-0033		**Planting Shrubs** *(32 93 83)* Note: Excludes mulch. See CSI section 32 91 13 16-0001 for mulch.		
32 93 83 00-0034	EA	1 Gallon Container Shrub Planting	21.90	
		For >10 To 25, Deduct	*-1.10*	
		For >25 To 50, Deduct	*-2.74*	
		For >50 To 100, Deduct	*-4.38*	
		For >100, Deduct	*-6.57*	
32 93 83 00-0035	EA	2 Gallon Container Shrub Planting	30.90	
		For >10 To 25, Deduct	*-1.55*	
		For >25 To 50, Deduct	*-3.86*	
		For >50 To 100, Deduct	*-6.18*	
		For >100, Deduct	*-9.27*	
32 93 83 00-0036	EA	3 Gallon Container Shrub Planting	38.63	
		For >10 To 25, Deduct	*-1.93*	
		For >25 To 50, Deduct	*-4.83*	
		For >50 To 100, Deduct	*-7.73*	
		For >100, Deduct	*-11.59*	
32 93 83 00-0037	EA	4 Gallon Container Shrub Planting	51.51	
		For >10 To 25, Deduct	*-2.58*	
		For >25 To 50, Deduct	*-6.44*	
		For >50 To 100, Deduct	*-10.30*	
		For >100, Deduct	*-15.45*	
32 93 83 00-0038	EA	5 Gallon Container Shrub Planting	64.38	
		For >10 To 25, Deduct	*-3.22*	
		For >25 To 50, Deduct	*-8.05*	
		For >50 To 100, Deduct	*-12.88*	
		For >100, Deduct	*-19.31*	
32 93 83 00-0039	EA	7 Gallon Container Shrub Planting	87.56	
		For >10 To 25, Deduct	*-4.38*	
		For >25 To 50, Deduct	*-10.95*	
		For >50 To 100, Deduct	*-17.51*	
		For >100, Deduct	*-26.27*	
32 93 83 00-0040	EA	10 Gallon Container Shrub Planting	115.88	
		For >10 To 25, Deduct	*-5.79*	
		For >25 To 50, Deduct	*-14.49*	
		For >50 To 100, Deduct	*-23.18*	
		For >100, Deduct	*-34.76*	
32 93 83 00-0041	EA	15 Gallon Container Shrub Planting	159.66	
		For >10 To 25, Deduct	*-7.98*	
		For >25 To 50, Deduct	*-19.96*	
		For >50 To 100, Deduct	*-31.93*	
		For >100, Deduct	*-47.90*	
32 93 83 00-0042	EA	20 Gallon Container Shrub Planting	267.82	
		For >10 To 25, Deduct	*-13.39*	
		For >25 To 50, Deduct	*-33.48*	
		For >50 To 100, Deduct	*-53.56*	
		For >100, Deduct	*-80.35*	
32 93 83 00-0043	EA	25 Gallon Container Shrub Planting	343.01	
		For >10 To 25, Deduct	*-17.15*	
		For >25 To 50, Deduct	*-42.88*	
		For >50 To 100, Deduct	*-68.60*	
		For >100, Deduct	*-102.90*	
32 93 83 00-0044	EA	15" Balled And Burlapped Shrub Planting	72.10	
		For >10 To 25, Deduct	*-3.61*	
		For >25 To 50, Deduct	*-9.01*	
		For >50 To 100, Deduct	*-14.42*	
		For >100, Deduct	*-21.63*	
32 93 83 00-0045	EA	18" Balled And Burlapped Shrub Planting	74.68	
		For >10 To 25, Deduct	*-3.73*	
		For >25 To 50, Deduct	*-9.34*	
		For >50 To 100, Deduct	*-14.94*	
		For >100, Deduct	*-22.40*	
32 93 83 00-0046	EA	24" Balled And Burlapped Shrub Planting	82.40	
		For >10 To 25, Deduct	*-4.12*	
		For >25 To 50, Deduct	*-10.30*	
		For >50 To 100, Deduct	*-16.48*	
		For >100, Deduct	*-24.72*	
32 93 83 00-0047	EA	30" Balled And Burlapped Shrub Planting	82.40	
		For >10 To 25, Deduct	*-4.12*	
		For >25 To 50, Deduct	*-10.30*	
		For >50 To 100, Deduct	*-16.48*	
		For >100, Deduct	*-24.72*	
32 93 83 00-0048	EA	36" Balled And Burlapped Shrub Planting	90.14	
		For >10 To 25, Deduct	*-4.51*	
		For >25 To 50, Deduct	*-11.27*	
		For >50 To 100, Deduct	*-18.03*	
		For >100, Deduct	*-27.04*	
32 93 83 00-0049	EA	42" Balled And Burlapped Shrub Planting	95.28	
		For >10 To 25, Deduct	*-4.76*	
		For >25 To 50, Deduct	*-11.91*	
		For >50 To 100, Deduct	*-19.06*	
		For >100, Deduct	*-28.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 83 00-0050	EA	48" Balled And Burlapped Shrub Planting	103.00	
		For >10 To 25, Deduct	*-5.15*	
		For >25 To 50, Deduct	*-12.88*	
		For >50 To 100, Deduct	*-20.60*	
		For >100, Deduct	*-30.90*	
32 93 83 00-0051	EA	5' Balled And Burlapped Shrub Planting	154.51	
		For >10 To 25, Deduct	*-7.73*	
		For >25 To 50, Deduct	*-19.31*	
		For >50 To 100, Deduct	*-30.90*	
		For >100, Deduct	*-46.35*	
32 93 83 00-0052	EA	6' Balled And Burlapped Shrub Planting	218.89	
		For >10 To 25, Deduct	*-10.94*	
		For >25 To 50, Deduct	*-27.36*	
		For >50 To 100, Deduct	*-43.78*	
		For >100, Deduct	*-65.67*	
32 93 83 00-0053	EA	7' Balled And Burlapped Shrub Planting	291.00	
		For >10 To 25, Deduct	*-14.55*	
		For >25 To 50, Deduct	*-36.38*	
		For >50 To 100, Deduct	*-58.20*	
		For >100, Deduct	*-87.30*	
32 93 83 00-0054	EA	8' Balled And Burlapped Shrub Planting	329.62	
		For >10 To 25, Deduct	*-16.48*	
		For >25 To 50, Deduct	*-41.20*	
		For >50 To 100, Deduct	*-65.92*	
		For >100, Deduct	*-98.89*	
32 93 83 00-0055	EA	9' Balled And Burlapped Shrub Planting	355.38	
		For >10 To 25, Deduct	*-17.77*	
		For >25 To 50, Deduct	*-44.42*	
		For >50 To 100, Deduct	*-71.08*	
		For >100, Deduct	*-106.61*	
32 93 83 00-0056	EA	10' Balled And Burlapped Shrub Planting	386.28	
		For >10 To 25, Deduct	*-19.31*	
		For >25 To 50, Deduct	*-48.29*	
		For >50 To 100, Deduct	*-77.26*	
		For >100, Deduct	*-115.88*	

32 93 83 00-0057 Planting Groundcover, Vines, Perennials, Annuals And Bulbs *(32 93 83)*

See CSI section 32 91 13 16-0001 for mulch.

32 93 83 00-0058	EA	2-1/4" Diameter Potted Groundcover And Flower Planting	2.15	
		For >10 To 25, Deduct	*-0.11*	
		For >25 To 50, Deduct	*-0.27*	
		For >50 To 100, Deduct	*-0.43*	
		For >100, Deduct	*-0.65*	
32 93 83 00-0059	EA	3" Diameter Potted Groundcover And Flower Planting	2.45	
		For >10 To 25, Deduct	*-0.12*	
		For >25 To 50, Deduct	*-0.31*	
		For >50 To 100, Deduct	*-0.49*	
		For >100, Deduct	*-0.74*	
32 93 83 00-0060	EA	4" Diameter Potted Groundcover And Flower Planting	2.86	
		For >10 To 25, Deduct	*-0.14*	
		For >25 To 50, Deduct	*-0.36*	
		For >50 To 100, Deduct	*-0.57*	
		For >100, Deduct	*-0.86*	
32 93 83 00-0061	EA	5-1/2" Diameter Potted Groundcover And Flower Planting	3.43	
		For >10 To 25, Deduct	*-0.17*	
		For >25 To 50, Deduct	*-0.43*	
		For >50 To 100, Deduct	*-0.69*	
		For >100, Deduct	*-1.03*	
32 93 83 00-0062	EA	6" Diameter Potted Groundcover And Flower Planting	4.29	
		For >10 To 25, Deduct	*-0.21*	
		For >25 To 50, Deduct	*-0.54*	
		For >50 To 100, Deduct	*-0.86*	
		For >100, Deduct	*-1.29*	
32 93 83 00-0063	EA	8" Diameter Potted Groundcover And Flower Planting	6.44	
		For >10 To 25, Deduct	*-0.32*	
		For >25 To 50, Deduct	*-0.81*	
		For >50 To 100, Deduct	*-1.29*	
		For >100, Deduct	*-1.93*	
32 93 83 00-0064	EA	1 Gallon Container Groundcover And Flower Planting	20.60	
		For >10 To 25, Deduct	*-1.03*	
		For >25 To 50, Deduct	*-2.58*	
		For >50 To 100, Deduct	*-4.12*	
		For >100, Deduct	*-6.18*	
32 93 83 00-0065	EA	2 Gallon Container Groundcover And Flower Planting	28.33	
		For >10 To 25, Deduct	*-1.42*	
		For >25 To 50, Deduct	*-3.54*	
		For >50 To 100, Deduct	*-5.67*	
		For >100, Deduct	*-8.50*	
32 93 83 00-0066	EA	3 Gallon Container Groundcover And Flower Planting	36.05	
		For >10 To 25, Deduct	*-1.80*	
		For >25 To 50, Deduct	*-4.51*	
		For >50 To 100, Deduct	*-7.21*	
		For >100, Deduct	*-10.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 83 00-0067	EA	4 Gallon Container Groundcover And Flower Planting	46.35	
		For >10 To 25, Deduct	*-2.32*	
		For >25 To 50, Deduct	*-5.79*	
		For >50 To 100, Deduct	*-9.27*	
		For >100, Deduct	*-13.91*	
32 93 83 00-0068	EA	5 Gallon Container Groundcover And Flower Planting	56.65	
		For >10 To 25, Deduct	*-2.83*	
		For >25 To 50, Deduct	*-7.08*	
		For >50 To 100, Deduct	*-11.33*	
		For >100, Deduct	*-17.00*	
32 93 83 00-0069	EA	7 Gallon Container Groundcover And Flower Planting	77.26	
		For >10 To 25, Deduct	*-3.86*	
		For >25 To 50, Deduct	*-9.66*	
		For >50 To 100, Deduct	*-15.45*	
		For >100, Deduct	*-23.18*	
32 93 83 00-0070	EA	Bulb Planting	1.28	
		For >10 To 25, Deduct	*-0.06*	
		For >25 To 50, Deduct	*-0.16*	
		For >50 To 100, Deduct	*-0.26*	
		For >100, Deduct	*-0.38*	
32 93 83 00-0071	EA	Flats Of 24 Groundcover And Flower Planting	36.05	
		For >10 To 25, Deduct	*-1.80*	
		For >25, Deduct	*-4.51*	
32 93 83 00-0072	EA	Flats Of 36 Groundcover And Flower Planting	51.14	
		For >10 To 25, Deduct	*-2.56*	
		For >25, Deduct	*-6.39*	
32 93 83 00-0073	EA	Flats Of 48 Groundcover And Flower Planting	68.08	
		For >10 To 25, Deduct	*-3.40*	
		For >25, Deduct	*-8.51*	

32 93 83 00-0074 Tree Pits *(32 93 83)*

Note: Costs given show the tree pit size accommodates the soil ball and the type of soil excavated includes excavation, bank run sand and gravel fill for drainage, imported mix planting soil, hand backfill, perforated drainage pipe for watering, and drainage fabric. Includes one layer of woven fabric to be applied before mulch is spread. Excludes additional soil conditioners or mulch.

32 93 83 00-0075	EA	2' x 1-1/4' Deep Tree Pit	128.62	
32 93 83 00-0076	EA	2' x 2-1/2' Deep Tree Pit	192.87	
32 93 83 00-0077	EA	2-1/2' x 1-1/2' Deep Tree Pit	249.58	
32 93 83 00-0078	EA	2-1/2' x 3' Deep Tree Pit	374.29	
32 93 83 00-0079	EA	3' x 1-3/4' Deep Tree Pit	384.42	
32 93 83 00-0080	EA	3' x 3-1/2' Deep Tree Pit	573.53	
32 93 83 00-0081	EA	3-1/2' x 1-3/4' Deep Tree Pit	470.57	
32 93 83 00-0082	EA	3-1/2' x 3-1/2' Deep Tree Pit	704.83	
32 93 83 00-0083	EA	4' x 2' Deep Tree Pit	562.29	
32 93 83 00-0084	EA	4' x 4' Deep Tree Pit	842.95	
32 93 83 00-0085	EA	4-1/2' x 2' Deep Tree Pit	808.60	
32 93 83 00-0086	EA	4-1/2' x 4' Deep Tree Pit	1,215.39	
32 93 83 00-0087	EA	5' x 2-1/4' Deep Tree Pit	1,075.57	
32 93 83 00-0088	EA	5' x 4-1/2' Deep Tree Pit	1,601.59	
32 93 83 00-0089	EA	6' x 2-1/2' Deep Tree Pit	1,525.38	
32 93 83 00-0090	EA	6' x 5' Deep Tree Pit	2,284.54	
32 93 83 00-0091	EA	7' x 3' Deep Tree Pit	2,569.18	
32 93 83 00-0092	EA	7' x 6' Deep Tree Pit	3,875.19	
32 93 83 00-0093	EA	8' x 3-1/4' Deep Tree Pit	3,530.44	
32 93 83 00-0094	EA	8' x 6-1/2' Deep Tree Pit	5,293.32	

32 94 Planting Accessories *(32 90)*

32 94 13 Landscape Edging *(32 94)*

Note: Including stakes.

32 94 13 00-0001 Landscape Edging *(32 94 13)*

Note: Includes stakes.

32 94 13 00-0002	LF	6" Poly/Vinyl Landscape Edging With Non-Round Top	6.35	1.31
		For >2,000 To 5,000 LF, Deduct	*-0.37*	
		For >5,000 LF, Deduct	*-0.74*	
32 94 13 00-0003	LF	5" Polyethylene Landscape Edging With Round Top	3.80	1.31
		For >2,000 To 5,000 LF, Deduct	*-0.12*	
		For >5,000 LF, Deduct	*-0.23*	
32 94 13 00-0004	LF	5-1/2" Polyethylene Landscape Edging With Round Top	3.86	1.31
		For >2,000 To 5,000 LF, Deduct	*-0.12*	
		For >5,000 LF, Deduct	*-0.25*	
32 94 13 00-0005	LF	5" Polyethylene Landscape Edging With Corrugated Sides And Round Top	3.90	1.31
		For >2,000 To 5,000 LF, Deduct	*-0.13*	
		For >5,000 LF, Deduct	*-0.25*	
32 94 13 00-0006	LF	1/8" x 4", Mill Finish, Aluminum Alloy Landscape Edging	10.98	3.12
		For >1,000 LF, Deduct	*-1.19*	
32 94 13 00-0007	LF	1/8" x 4", Black Paint, Aluminum Alloy Landscape Edging	11.96	3.12
		For >1,000 LF, Deduct	*-1.43*	
32 94 13 00-0008	LF	1/8" x 4", Black Anodized, Aluminum Alloy Landscape Edging	12.03	3.12
		For >1,000 LF, Deduct	*-1.45*	
32 94 13 00-0009	LF	3/16" x 4", Mill Finish, Aluminum Alloy Landscape Edging	13.75	3.22
		For >1,000 LF, Deduct	*-1.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 94 13 00-0010	LF	3/16" x 4", Black Paint, Aluminum Alloy Landscape Edging	14.96	3.22
		For >1,000 LF, Deduct	*-2.14*	
32 94 13 00-0011	LF	3/16" x 4", Black Anodized, Aluminum Alloy Landscape Edging	14.94	3.22
		For >1,000 LF, Deduct	*-2.14*	
32 94 13 00-0012	LF	1/8" x 5-1/2", Mill Finish, Aluminum Alloy Landscape Edging	12.30	3.32
		For >1,000 LF, Deduct	*-1.43*	
32 94 13 00-0013	LF	1/8" x 5-1/2", Black Paint, Aluminum Alloy Landscape Edging	13.65	3.32
		For >1,000 LF, Deduct	*-1.77*	
32 94 13 00-0014	LF	1/8" x 5-1/2", Black Anodized, Aluminum Alloy Landscape Edging	13.78	3.32
		For >1,000 LF, Deduct	*-1.80*	
32 94 13 00-0015	LF	3/16" x 5-1/2", Mill Finish, Aluminum Alloy Landscape Edging	15.47	3.43
		For >1,000 LF, Deduct	*-2.18*	
32 94 13 00-0016	LF	3/16" x 5-1/2", Black Paint, Aluminum Alloy Landscape Edging	16.82	3.43
		For >1,000 LF, Deduct	*-2.52*	
32 94 13 00-0017	LF	3/16" x 5-1/2", Black Anodized, Aluminum Alloy Landscape Edging	16.93	3.43
		For >1,000 LF, Deduct	*-2.55*	
32 94 13 00-0018	LF	1/8" x 4" Powder Coated Steel Landscape Edging	11.68	3.22
		For >1,000 LF, Deduct	*-1.31*	
32 94 13 00-0019	LF	3/16" x 4" Powder Coated Steel Landscape Edging	13.66	3.22
		For >1,000 LF, Deduct	*-1.80*	
32 94 13 00-0020	LF	1/4" x 5" Powder Coated Steel Landscape Edging	18.98	3.22
		For >1,000 LF, Deduct	*-3.13*	
32 94 13 00-0021	LF	1/2" x 4", Recycled Plastic Landscape Edging (Bend-A-Board)	8.84	3.12
		For >1,000 LF, Deduct	*-0.65*	
32 94 13 00-0022	LF	1" x 4", Recycled Plastic Landscape Edging (Bend-A-Board)	10.02	3.12
		For >1,000 LF, Deduct	*-0.95*	
32 94 13 00-0023	LF	1" x 6", Recycled Plastic Landscape Edging (Bend-A-Board)	11.05	3.12
		For >1,000 LF, Deduct	*-1.21*	
32 94 13 00-0024	LF	2" x 4", Recycled Plastic Landscape Edging (Bend-A-Board)	11.27	3.12
		For >1,000 LF, Deduct	*-1.26*	
32 94 13 00-0025		**Concrete Band, Cast In Place** *(32 94 13)*		
		Note: Includes delivered concrete, forms, rebar, chairs (where necessary), expansion joints, finish and curing.		
32 94 13 00-0026	LF	6" x 4" Concrete Band	18.83	9.40
		Note: Excludes base course.		
		For Up To 20, Add	*11.14*	
		For >20 To 50, Add	*6.31*	
		For >50 To 100, Add	*2.42*	
		For >500 To 1,000, Deduct	*-2.42*	
		For >1,000, Deduct	*-4.10*	
32 94 13 00-0027	LF	6" x 6" Concrete Band	22.35	11.06
		Note: Excludes base course.		
		For Up To 20, Add	*13.32*	
		For >20 To 50, Add	*7.55*	
		For >50 To 100, Add	*2.89*	
		For >500 To 1,000, Deduct	*-2.89*	
		For >1,000, Deduct	*-4.89*	
32 94 13 00-0028	LF	8" x 6" Concrete Band	25.69	127.22
		Note: Excludes base course.		
		For Up To 20, Add	*15.37*	
		For >20 To 50, Add	*8.71*	
		For >50 To 100, Add	*3.33*	
		For >500 To 1,000, Deduct	*-3.33*	
		For >1,000, Deduct	*-5.64*	
32 94 13 00-0029	LF	10" x 6" Concrete Band	28.46	138.29
		Note: Excludes base course.		
		For Up To 20, Add	*17.03*	
		For >20 To 50, Add	*9.65*	
		For >50 To 100, Add	*3.69*	
		For >500 To 1,000, Deduct	*-3.69*	
		For >1,000, Deduct	*-6.25*	
32 94 13 00-0030	LF	12" x 6" Concrete Band	29.59	14.38
		Note: Excludes base course.		
		For Up To 20, Add	*17.53*	
		For >20 To 50, Add	*9.93*	
		For >50 To 100, Add	*3.80*	
		For >500 To 1,000, Deduct	*-3.80*	
		For >1,000, Deduct	*-6.44*	
32 94 16		**Landscape Timbers** *(32 94)*		
32 94 16 00-0001	LF	1" x 4" Redwood Edging	5.59	1.84
32 94 16 00-0002	LF	2" x 4" Redwood Edging	7.65	2.76
32 94 16 00-0003	LF	4" x 6" Pressure Treated Hardwood	10.58	3.68
32 94 16 00-0004	LF	6" x 6" Pressure Treated Hardwood	13.79	4.60
32 94 16 00-0005	LF	6" x 8" Pressure Treated Hardwood	16.08	5.40
32 94 16 00-0006	LF	1" x 4" Pressure Treated Pine	4.22	1.84
32 94 16 00-0007	LF	2" x 4" Pressure Treated Pine	6.40	2.76
32 94 16 00-0008	LF	4" x 6" Pressure Treated Pine	10.06	3.56
32 94 16 00-0009	LF	6" x 6" Pressure Treated Pine	13.68	4.60
32 94 16 00-0010	LF	6" x 8" Pressure Treated Pine	16.72	5.40
32 94 16 00-0011	LF	6" x 8" Railroad Ties	15.78	5.03
32 94 16 00-0012	LF	7" x 9" Railroad Ties	18.97	6.32

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 94 23		**Plant Protection** *(32 94)*		
32 94 23 00-0001	SF	Tree Trunk Protection - Hardware Cloth 1/4" Mesh, 23 Gauge	2.85	
32 94 43		**Tree Grates** *(32 94)*		
32 94 43 00-0001		Tree Grates With Frames *(32 94 43)*		
32 94 43 00-0002		Round Cast Iron Tree Grates With Frames *(32 94 43 00-0001)*		
32 94 43 00-0003	EA	32" Diameter, 100 To 150 Lb., Cast Iron Tree Grate With Frame	1,088.95	66.03
		For >3 To 9, Deduct	*-71.77*	
		For >9, Deduct	*-148.32*	
32 94 43 00-0004	EA	36" Diameter, 125 To 175 Lb., Cast Iron Tree Grate With Frame	1,262.91	66.03
		For >3 To 9, Deduct	*-84.81*	
		For >9, Deduct	*-175.28*	
32 94 43 00-0005	EA	42" Diameter, 150 To 200 Lb., Cast Iron Tree Grate With Frame	1,524.40	88.04
		For >3 To 9, Deduct	*-101.12*	
		For >9, Deduct	*-208.99*	
32 94 43 00-0006	EA	48" Diameter, 200 To 250 Lb., Cast Iron Tree Grate With Frame	1,903.06	88.04
		For >3 To 9, Deduct	*-129.52*	
		For >9, Deduct	*-267.68*	
32 94 43 00-0007	EA	54" Diameter, 300 To 350 Lb., Cast Iron Tree Grate With Frame	2,440.87	110.05
		For >3 To 9, Deduct	*-166.56*	
		For >9, Deduct	*-344.22*	
32 94 43 00-0008	EA	60" Diameter, Up To 350 Lb., Cast Iron Tree Grate With Frame	2,556.51	132.05
		For >3 To 9, Deduct	*-171.93*	
		For >9, Deduct	*-355.33*	
32 94 43 00-0009	EA	60" Diameter, >350 Lb., Cast Iron Tree Grate With Frame	2,820.03	132.05
		For >3 To 9, Deduct	*-191.70*	
		For >9, Deduct	*-396.17*	
32 94 43 00-0010	EA	72" Diameter, Up To 550 Lb., Cast Iron Tree Grate With Frame	3,751.36	187.08
		For >3 To 9, Deduct	*-253.29*	
		For >9, Deduct	*-523.47*	
32 94 43 00-0011	EA	72" Diameter, >500 To 550 Lb., Cast Iron Tree Grate With Frame	3,904.87	187.08
		For >3 To 9, Deduct	*-264.80*	
		For >9, Deduct	*-547.26*	
32 94 43 00-0012	EA	72" Diameter, >600 To 650 Lb., Cast Iron Tree Grate With Frame	4,032.80	187.08
		For >3 To 9, Deduct	*-274.40*	
		For >9, Deduct	*-567.09*	
32 94 43 00-0013	EA	72" Diameter, >650 To 700 Lb., Cast Iron Tree Grate With Frame	4,135.14	187.08
		For >3 To 9, Deduct	*-282.08*	
		For >9, Deduct	*-582.96*	
32 94 43 00-0014	EA	72" Diameter, >700 Lb., Cast Iron Tree Grate With Frame	4,211.89	187.08
		For >3 To 9, Deduct	*-287.83*	
		For >9, Deduct	*-594.85*	
32 94 43 00-0015	EA	93" Diameter, 950 To 1,000 Lb., Cast Iron Tree Grate With Frame	4,615.64	220.09
		For >3 To 9, Deduct	*-313.16*	
		For >9, Deduct	*-647.20*	
32 94 43 00-0016		Square Cast Iron Tree Grates With Frames *(32 94 43 00-0001)*		
32 94 43 00-0017	EA	30" x 30", 75 To 125 Lb., Cast Iron Tree Grate With Frame	1,001.94	66.03
		For >3 To 9, Deduct	*-65.24*	
		For >9, Deduct	*-134.83*	
32 94 43 00-0018	EA	36" x 36", 100 To 150 Lb., Cast Iron Tree Grate With Frame	1,219.41	66.03
		For >3 To 9, Deduct	*-81.55*	
		For >9, Deduct	*-168.54*	
32 94 43 00-0019	EA	48" x 48", Up To 200 Lb., Cast Iron Tree Grate With Frame	1,806.36	110.05
		For >3 To 9, Deduct	*-118.97*	
		For >9, Deduct	*-245.87*	
32 94 43 00-0020	EA	48" x 48", >200 To 250 Lb., Cast Iron Tree Grate With Frame	2,138.97	110.05
		For >3 To 9, Deduct	*-143.92*	
		For >9, Deduct	*-297.43*	
32 94 43 00-0021	EA	48" x 48", >250 To 300 Lb., Cast Iron Tree Grate With Frame	2,445.99	110.05
		For >3 To 9, Deduct	*-166.94*	
		For >9, Deduct	*-345.01*	
32 94 43 00-0022	EA	48" x 48", >300 To 350 Lb., Cast Iron Tree Grate With Frame	2,727.42	110.05
		For >3 To 9, Deduct	*-188.05*	
		For >9, Deduct	*-388.64*	
32 94 43 00-0023	EA	48" x 48", >350 To 400 Lb., Cast Iron Tree Grate With Frame	2,983.27	110.05
		For >3 To 9, Deduct	*-207.24*	
		For >9, Deduct	*-428.29*	
32 94 43 00-0024	EA	48" x 48", >400 Lb., Cast Iron Tree Grate With Frame	3,213.53	110.05
		For >3 To 9, Deduct	*-224.51*	
		For >9, Deduct	*-463.98*	
32 94 43 00-0025	EA	60" x 60", Up To 400 Lb., Cast Iron Tree Grate With Frame	3,071.31	154.06
		For >3 To 9, Deduct	*-207.24*	
		For >9, Deduct	*-428.29*	
32 94 43 00-0026	EA	60" x 60", >400 To 450 Lb., Cast Iron Tree Grate With Frame	3,301.57	154.06
		For >3 To 9, Deduct	*-224.51*	
		For >9, Deduct	*-463.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 94 43 00-0027	EA	60" x 60", >450 To 500 Lb., Cast Iron Tree Grate With Frame	3,506.25	154.06
		For >3 To 9, Deduct	*-239.86*	
		For >9, Deduct	*-495.71*	
32 94 43 00-0028	EA	60" x 60", >500 To 550 Lb., Cast Iron Tree Grate With Frame	3,685.35	154.06
		For >3 To 9, Deduct	*-253.29*	
		For >9, Deduct	*-523.47*	
32 94 43 00-0029	EA	60" x 60", >550 To 600 Lb., Cast Iron Tree Grate With Frame	3,838.86	154.06
		For >3 To 9, Deduct	*-264.80*	
		For >9, Deduct	*-547.26*	
32 94 43 00-0030	EA	60" x 60", >600 Lb., Cast Iron Tree Grate With Frame	3,966.79	154.06
		For >3 To 9, Deduct	*-274.40*	
		For >9, Deduct	*-567.09*	
32 94 43 00-0031	EA	72" x 72", Up To 550 Lb., Cast Iron Tree Grate With Frame	3,751.36	187.08
		For >3 To 9, Deduct	*-253.29*	
		For >9, Deduct	*-523.47*	
32 94 43 00-0032	EA	72" x 72", >550 To 600 Lb., Cast Iron Tree Grate With Frame	3,904.87	187.08
		For >3 To 9, Deduct	*-264.80*	
		For >9, Deduct	*-547.26*	
32 94 43 00-0033	EA	72" x 72", >600 To 650 Lb., Cast Iron Tree Grate With Frame	4,032.80	187.08
		For >3 To 9, Deduct	*-274.40*	
		For >9, Deduct	*-567.09*	
32 94 43 00-0034	EA	72" x 72", >650 To 700 Lb., Cast Iron Tree Grate With Frame	4,135.14	187.08
		For >3 To 9, Deduct	*-282.08*	
		For >9, Deduct	*-582.96*	
32 94 43 00-0035	EA	72" x 72", >700 To 750 Lb., Cast Iron Tree Grate With Frame	4,211.89	187.08
		For >3 To 9, Deduct	*-287.83*	
		For >9, Deduct	*-594.85*	
32 94 43 00-0036	EA	72" x 72", >750 To 800 Lb., Cast Iron Tree Grate With Frame	4,263.06	187.08
		For >3 To 9, Deduct	*-291.67*	
		For >9, Deduct	*-602.78*	
32 94 43 00-0037	EA	72" x 72", >800 To 850 Lb., Cast Iron Tree Grate With Frame	4,288.64	187.08
		For >3 To 9, Deduct	*-293.59*	
		For >9, Deduct	*-606.75*	
32 94 43 00-0038	EA	72" x 72", >850 Lb., Cast Iron Tree Grate With Frame	4,314.23	187.08
		For >3 To 9, Deduct	*-295.51*	
		For >9, Deduct	*-610.71*	

32 94 43 00-0039 Rectangular Cast Iron Tree Grates With Frames *(32 94 43 00-0001)*

32 94 43 00-0040	EA	36" x 48", 200 To 250 Lb., Cast Iron Tree Grate With Frame	1,903.06	88.04
		For >3 To 9, Deduct	*-129.52*	
		For >9, Deduct	*-267.68*	
32 94 43 00-0041	EA	36" x 60", 200 To 250 Lb., Cast Iron Tree Grate With Frame	1,941.43	88.04
		For >3 To 9, Deduct	*-132.40*	
		For >9, Deduct	*-273.63*	
32 94 43 00-0042	EA	36" x 72", 275 To 325 Lb., Cast Iron Tree Grate With Frame	2,371.79	110.05
		For >3 To 9, Deduct	*-161.38*	
		For >9, Deduct	*-333.51*	
32 94 43 00-0043	EA	48" x 72", Up To 350 Lb., Cast Iron Tree Grate With Frame	2,799.06	110.05
		For >3 To 9, Deduct	*-193.42*	
		For >9, Deduct	*-399.74*	
32 94 43 00-0044	EA	48" x 72", >350 Lb., Cast Iron Tree Grate With Frame	2,983.27	110.05
		For >3 To 9, Deduct	*-207.24*	
		For >9, Deduct	*-428.29*	
32 94 43 00-0045	EA	60" x 84", 700 To 750 Lb., Cast Iron Tree Grate With Frame	3,981.62	187.08
		For >3 To 9, Deduct	*-270.56*	
		For >9, Deduct	*-559.16*	

32 94 49 Plant and Tree Accessories *(32 94)*

32 94 49 00-0001 Tree Guying *(32 94 49)*

32 94 49 00-0002 Tree Guying, Stakes *(32 94 49 00-0001)*

Note: Includes stakes, cross brace, double #12 gauge twisted wire and reinforced rubber hose tree wrap.

32 94 49 00-0003	EA	Tree Guying Up To 2" Caliper, 2 Stakes, Guy Wire And Wrap	27.57
32 94 49 00-0004	EA	Tree Guying 2" To 3" Caliper, 2 Stakes, Guy Wire And Wrap	49.51
32 94 49 00-0005	EA	Tree Guying 3" To 4" Caliper, 3 Stakes, Guy Wire And Wrap	85.10

32 94 49 00-0006 Tree Guying, Anchors *(32 94 49 00-0001)*

Note: Includes arrowhead anchor, cable, turnbuckles and wrap or reinforced rubber hose.

32 94 49 00-0007	EA	Tree Guying Up To 3" Caliper, 3" Anchors And Polypropylene Flat Rope	115.20
32 94 49 00-0008	EA	Tree Guying 3" To 6" Caliper, 4" Anchors And Polypropylene Flat Rope	155.31
32 94 49 00-0009	EA	Tree Guying 6" To 8" Caliper, 6" Anchors And Polypropylene Flat Rope	198.49
32 94 49 00-0010	EA	Tree Guying 8" And Up Caliper, 8" Anchors And Polypropylene Flat Rope	257.08

32 94 49 00-0011 Tree Wrap *(32 94 49)*

32 94 49 00-0012	EA	Tree Wrap, Up To 1" Caliper Applied Ground Level To First Branches Of Tree	7.78
32 94 49 00-0013	EA	Tree Wrap, 1" To 2" Caliper Applied Ground Level To First Branches Of Tree	12.92
32 94 49 00-0014	EA	Tree Wrap, >2" To 4" Caliper Applied Ground Level To First Branches Of Tree	25.59
32 94 49 00-0015	EA	Tree Wrap, >4" To 6" Caliper Applied Ground Level To First Branches Of Tree	39.57

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 94 49 00-0016		**Tree Guards** *(32 94 49)*		
32 94 49 00-0017	EA	3' Preformed Plastic Tree Guard	12.70	
32 94 49 00-0018	EA	2' Preformed Plastic Tree Guard	11.72	
32 94 49 00-0019		**Stake Out Tree And Shrub Locations** *(32 94 49)*		
		Note: When no design available.		
32 94 49 00-0020	EA	Stake Out Trees Or Shrubs	8.13	
32 94 49 00-0021		**Root Barriers** *(32 94 49)*		
32 94 49 00-0022	EA	12" High x 24" Long, 0.080" Polypropylene, Root Barrier Panel With Self Locking Joiner	13.45	
32 94 49 00-0023	EA	18" High x 24" Long, 0.080" Polypropylene, Root Barrier Panel With Self Locking Joiner	19.00	
32 94 49 00-0024	EA	24" High x 24" Long, 0.080" Polypropylene, Root Barrier Panel With Self Locking Joiner	22.44	
32 94 49 00-0025	EA	36" High x 24" Long, 0.080" Polypropylene, Root Barrier Panel With Self Locking Joiner	41.94	
32 94 49 00-0026	EA	48" High x 24" Long, 0.080" Polypropylene, Root Barrier Panel With Self Locking Joiner	57.89	

32 96 Transplanting *(32 90)*

See CSI section 32 94 49 00-0001 for guying.

32 96 33 Shrub Transplanting *(32 96)*

Note: Includes digging up, moving on site, digging new hole and replanting.

32 96 33 00-0001		**Moving Shrubs On Site, Relocate** *(32 96 33)*		
		Note: Includes digging up, moving on site, digging new hole and replanting. See CSI section 32 94 49 00-0001 for guying.		
32 96 33 00-0002	EA	Up To 18" Root Ball, Move Shrubs On Site	87.93	
		For >25 To 50, Deduct	*-8.79*	
		For >50, Deduct	*-13.19*	
32 96 33 00-0003	EA	>18" To 24" Root Ball, Move Shrubs On Site	118.96	
		For >25 To 50, Deduct	*-11.90*	
		For >50, Deduct	*-17.84*	
32 96 33 00-0004	EA	>24" To 30" Root Ball, Move Shrubs On Site	201.70	
		For >25 To 50, Deduct	*-20.17*	
		For >50, Deduct	*-30.26*	
32 96 33 00-0005	EA	>30" To 36" Root Ball, Move Shrubs On Site	310.32	
		For >25 To 50, Deduct	*-31.03*	
		For >50, Deduct	*-46.55*	

32 96 43 Tree Transplanting *(32 96)*

Note: Includes digging up, moving on site, digging new hole and replanting.

32 96 43 00-0001		**Moving Trees On Site, Relocate** *(32 96 43)*		
		Note: Includes digging up, moving on site, digging new hole and replanting. Excludes crane where necessary for trees over 20' tall. See CSI section 01 22 23 00-0788 for crane lifting equipment, 32 94 49 00-0001 for guying.		
32 96 43 00-0002	EA	Up To 24" Root Ball, Move Trees On Site	324.53	
		For >5 To 10, Deduct	*-16.23*	
		For >10 To 20, Deduct	*-32.45*	
		For >20, Deduct	*-48.68*	
32 96 43 00-0003	EA	>24" To 30" Root Ball, Move Trees On Site	445.06	
		For >5 To 10, Deduct	*-22.25*	
		For >10 To 20, Deduct	*-44.51*	
		For >20, Deduct	*-66.76*	
32 96 43 00-0004	EA	>30" To 36" Root Ball, Move Trees On Site	721.18	
		For >5 To 10, Deduct	*-36.06*	
		For >10 To 20, Deduct	*-72.12*	
		For >20, Deduct	*-108.18*	
32 96 43 00-0005	EA	>36" To 48" Root Ball, Move Trees On Site	1,198.27	
		For >5 To 10, Deduct	*-59.91*	
		For >10 To 20, Deduct	*-119.83*	
		For >20, Deduct	*-179.74*	
32 96 43 00-0006	EA	>48" To 60" Root Ball, Move Trees On Site	1,947.18	
		For >5 To 10, Deduct	*-97.36*	
		For >10 To 20, Deduct	*-194.72*	
		For >20, Deduct	*-292.08*	
32 96 43 00-0007	EA	>60" To 72" Root Ball, Move Trees On Site	2,512.49	
		For >5 To 10, Deduct	*-125.62*	
		For >10 To 20, Deduct	*-251.25*	
		For >20, Deduct	*-376.87*	
32 96 43 00-0008	EA	>72" To 84" Root Ball, Move Trees On Site	3,245.30	
		For >5 To 10, Deduct	*-162.27*	
		For >10 To 20, Deduct	*-324.53*	
		For >20, Deduct	*-486.80*	
32 96 43 00-0009	EA	>84" To 96" Root Ball, Move Trees On Site	3,894.35	
		For >5 To 10, Deduct	*-194.72*	
		For >10 To 20, Deduct	*-389.44*	
		For >20, Deduct	*-584.15*	
32 96 43 00-0010	EA	>96" To 120" Root Ball, Move Trees On Site	4,425.41	
		For >5 To 10, Deduct	*-221.27*	
		For >10 To 20, Deduct	*-442.54*	
		For >20, Deduct	*-663.81*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

33 Utilities

Note: Buried plastic pipe and conduit includes detectable tracer wire

33 01 Operation and Maintenance of Utilities *(33)*

33 01 10 Operation and Maintenance of Water Utilities *(33 01)*

33 01 10 54 Cleaning of Water Utility Piping *(33 01 10)*

See CSI section 33 01 30 41-0012 for cleaning of water lines.

33 01 10 58 Disinfection of Water Utility Piping Systems *(33 01 10)*

33 01 10 58-0001 Water Main Disinfection/Sterilization *(33 01 10 58)*

Note: Gas chlorination. Continuous or plug method.

33 01 10 58-0002	EA	Setting Up And Removing Equipment For Water Main Disinfection/Sterilization, Gas Chlorination Method	1,152.99	
33 01 10 58-0003	EA	Re-Set Up/Move Equipment For Water Main Disinfection/Sterilization, Gas Chlorination Method	576.49	
33 01 10 58-0004	LF	Up To 4" Diameter Pipe Water Main Disinfection/Sterilization	0.43	
		For >250 To 500, Deduct	*-0.02*	
		For >500 To 1,000, Deduct	*-0.04*	
		For >1,000 To 2,000, Deduct	*-0.06*	
		For >2,000 To 5,000, Deduct	*-0.09*	
		For >5,000, Deduct	*-0.11*	
33 01 10 58-0005	LF	6" Diameter Pipe Water Main Disinfection/Sterilization	0.66	
		For >250 To 500, Deduct	*-0.03*	
		For >500 To 1,000, Deduct	*-0.07*	
		For >1,000 To 2,000, Deduct	*-0.10*	
		For >2,000 To 5,000, Deduct	*-0.13*	
		For >5,000, Deduct	*-0.17*	
33 01 10 58-0006	LF	8" Diameter Pipe Water Main Disinfection/Sterilization	0.87	
		For >250 To 500, Deduct	*-0.04*	
		For >500 To 1,000, Deduct	*-0.09*	
		For >1,000 To 2,000, Deduct	*-0.13*	
		For >2,000 To 5,000, Deduct	*-0.17*	
		For >5,000, Deduct	*-0.22*	
33 01 10 58-0007	LF	10" Diameter Pipe Water Main Disinfection/Sterilization	1.02	
		For >250 To 500, Deduct	*-0.05*	
		For >500 To 1,000, Deduct	*-0.10*	
		For >1,000 To 2,000, Deduct	*-0.15*	
		For >2,000 To 5,000, Deduct	*-0.20*	
		For >5,000, Deduct	*-0.26*	
33 01 10 58-0008	LF	12" Diameter Pipe Water Main Disinfection/Sterilization	1.33	
		For >250 To 500, Deduct	*-0.07*	
		For >500 To 1,000, Deduct	*-0.13*	
		For >1,000 To 2,000, Deduct	*-0.20*	
		For >2,000 To 5,000, Deduct	*-0.27*	
		For >5,000, Deduct	*-0.33*	

33 01 10 71 Relining Water Utilities Pipelines *(33 01 10)*

33 01 10 71-0001 Small Diameter Epoxy Coating Of Potable Water Piping *(33 01 10 71)*

Note: Includes buildings up to 2 stories and up to 80 total units. Excludes: Pre-existing holes, drywall patching, asbestos, lead paint, toxic mold, or other hazardous material abatement. See CSI section 02 80 00 00-0000 for hazardous material abatement, 09 01 20 91-0001 for cutting and patching drywall.

33 01 10 71-0002	EA	ePIPE Epoxy Coating Of Potable Water Piping For 1 Or 2-Story And 10-200 Units, Per Each Dwelling Unit Note: Single or Multiple Bldgs. Copper piping Cold water main 2-1/2" or smaller Hot water main 2" or smaller Hot water recirculation piping up to 1- ¼" (1) Cold water shut-off valve common for all units. Piping is to be accessible, if needed drywall holes will be cut to access pipe and install required valves for isolation to break the system up into daily restoration tasks (Use ADD below for valving costs). All jobs require valving. (1) Hot water shut-off valve common for all units. Piping is to be accessible, if needed drywall holes will be cut to access pipe and install required valves for isolation to break the system up into daily restoration tasks (Use ADD below for valving costs). All jobs require valving. 1 bath unit (toilet, bathroom sink, tub/shower), kitchen sink, and may or may not have water heater. Use ADD below for Additional fixture costs (in units, laundry rooms, community rooms, pool buildings, hose bibs, drinking fountains, etc.) attached to the building being restored or within 75 ft of the building being restored. Includes: ePIPE epoxy coating of the pressurized hot and cold potable water. New ball valve type shut-off valves for the hot and cold water supply piping. New chrome angle stops for sinks, toilets, and washing machines. New water flex connectors for water heaters, sinks, and toilets. New hose bibs with vacuum breakers. New shower valve cartridge for major manufacturers. (Moen, Delta, Price Pfister, American Standard, Kohler, etc.) 10-year warranty on full building restoration. 5 years on the hot or cold system only restoration. Excludes: Piping in the mechanical room. ePIPE epoxy will stop just within the room where it is most accessible for valving. Wash machine hoses and dishwasher hoses Integral stops and balancing side spools. (Can't identify if it's there unless trim plates are removed and qualified individual looks at the rough shower valve.) Permit fees, bond fees, saw cutting/breaking of concrete to access piping for restoration. Asbestos, lead paint, toxic mold, or other hazardous material abatement Duplicate mains (hot, cold, recirculating) piping running parallel on the same floor/slab level.	15,689.40	
		Additional Fixtures not included in 1-bath unit, Add	*2,758.33*	
		For valving required to isolate for daily restoration tasks, Add per group of 4 units	*5,007.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 10 71-0003	EA	ePIPE Epoxy Coating Of Potable Water Piping For 3 To 10-Story And 10-300 Units, Per Each Dwelling Unit. Note: Copper piping Cold water main up to 4" Hot water main up to 3" Hot water recirculation piping up to 1- ¼" (1) Cold water shut-off valve common for all units. Piping is located in the ceiling of one of the floors or in a subterranean garage, not under the slab of the ground floor (on the slab building). The main piping is to be accessible, if needed drywall holes will be cut to access the pipe and install valves for isolation in order to break the system up into daily restoration tasks (Use ADD below for valving costs). All jobs require valving. (1) Hot water shut-off valve common for all units. (1) Hot water recirculating system. Piping is located in the ceiling of one of the floors or in the subterranean garage, not under the slab of the ground floor (on the slab building). The main piping is to be accessible, if needed drywall holes will be cut to access the pipe and install valves for isolation to break the system up into daily restoration tasks (Use ADD below for valving). All jobs require valving. 1 bath unit (toilet, bathroom sink, tub/shower), and kitchen sink, and may or may not have water heater. Use ADD below for Additional fixture costs (in units, laundry rooms, community rooms, pool buildings, hose bibs, drinking fountains, etc.) attached to the building being restored or within 75 ft of the building being restored. Includes: ePIPE epoxy coating of the pressurized hot and cold potable water. New ball valve type shut-off valves for the hot and cold water supply piping. New chrome angle stops for sinks, toilets, and washing machines. New water flex connectors for water heaters, sinks, and toilets. New hose bibs with vacuum breakers New shower valve cartridge for major manufacturers. (Moen, Delta, Price Pfister, American Standard, Kohler, etc.) 10-year warranty on full building restoration. 5 years on hot or cold system only restoration. Excludes: Piping in the mechanical room. ePIPE epoxy will stop just within the room where most accessible for valving. Wash machine hoses and dishwasher hoses. Integral stops and balancing side spools. (Can't identify if it's there unless trim plates are removed and qualified individual looks at the rough shower valve.) Permit fees, bond fees, saw cutting/breaking of concrete to access piping for restoration. Asbestos, lead paint, toxic mold, or other hazardous material abatement. Duplicate mains (hot, cold, recirculating) piping running parallel on the same floor/slab level.	17,828.27	
		Additional Fixtures not included in 1-bath unit, Add	*2,758.33*	
		For valving required to isolate for daily restoration tasks, Add per group of 4 units or per stack of units (e.g. floors 1 thru 10).	*6,194.65*	
33 01 10 71-0004		Relining Underground Water Pipelines *(33 01 10 71)*. Note: Excludes costs for CCTV inspection, pipe cleaning, pavement; temporary and permanent, emergency after hour response for owners' backups.		
33 01 10 71-0005		Relining Underground Water Pipelines Set-Up And Reinsertion *(33 01 10 71-0004)*		
33 01 10 71-0006	EA	Initial Set Up And Final Equipment Removal For Relining Underground Water Pipelines	5,565.97	
33 01 10 71-0007	EA	Move And Reset Up At Different Access/Location	2,226.39	
33 01 10 71-0008		Lining Pipe With Epoxy *(33 01 10 71-0004)*		
33 01 10 71-0009	LF	Up To 500', 4" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	63.13	
33 01 10 71-0010	LF	>500' To 1,000', 4" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	56.48	
33 01 10 71-0011	LF	>1,000' To 5,000', 4" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	47.55	
33 01 10 71-0012	LF	>5,000', 4" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	43.10	
33 01 10 71-0013	LF	Up To 500', 6" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	66.73	
33 01 10 71-0014	LF	>500' To 1,000', 6" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	59.84	
33 01 10 71-0015	LF	>1,000' To 5,000', 6" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	50.61	
33 01 10 71-0016	LF	>5,000', 6" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	45.97	
33 01 10 71-0017	LF	Up To 500', 8" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	70.24	
33 01 10 71-0018	LF	>500' To 1,000', 8" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	63.19	
33 01 10 71-0019	LF	>1,000' To 5,000', 8" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	53.64	
33 01 10 71-0020	LF	>5,000', 8" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	48.95	
33 01 10 71-0021	LF	Up To 500', 10" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	67.51	
33 01 10 71-0022	LF	>500' To 1,000', 10" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	66.05	
33 01 10 71-0023	LF	>1,000' To 5,000', 10" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	56.39	
33 01 10 71-0024	LF	>5,000', 10" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	51.60	
33 01 10 71-0025	LF	Up To 500', 12" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	79.85	
33 01 10 71-0026	LF	>500' To 1,000', 12" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	72.21	
33 01 10 71-0027	LF	>1,000' To 5,000', 12" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	61.93	
33 01 10 71-0028	LF	>5,000', 12" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	56.73	
33 01 10 71-0029	LF	Up To 500', >12" To 16" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	85.07	
33 01 10 71-0030	LF	>500' To 1,000', >12" To 16" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	77.14	
33 01 10 71-0031	LF	>1,000' To 5,000', >12" To 16" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	66.42	
33 01 10 71-0032	LF	>5,000', >12" To 16" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	61.02	
33 01 10 71-0033	LF	Up To 500', >16" To 20" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	90.19	
33 01 10 71-0034	LF	>500' To 1,000', >16" To 20" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	82.06	
33 01 10 71-0035	LF	1,000' To 5,000', >16" To 20" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	70.97	
33 01 10 71-0036	LF	>5,000', >16" To 20" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	65.38	
33 01 10 71-0037	LF	Up To 500', >20" To 22" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	96.33	
33 01 10 71-0038	LF	>500' To 1,000', >20" To 22" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	87.88	
33 01 10 71-0039	LF	>1,000' To 5,000', >20" To 22" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	76.26	
33 01 10 71-0040	LF	>5,000', >20" To 22" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	70.57	
33 01 10 71-0041	LF	Up To 500', 24" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	102.49	
33 01 10 71-0042	LF	>500' To 1,000', 24" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	93.72	
33 01 10 71-0043	LF	>1,000' To 5,000', 24" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	81.73	
33 01 10 71-0044	LF	>5,000', 24" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	75.74	
33 01 10 71-0045	LF	Up To 500', 30" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	111.75	
33 01 10 71-0046	LF	>500' To 1,000', 30" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	102.44	
33 01 10 71-0047	LF	>1,000' To 5,000', 30" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	89.77	
33 01 10 71-0048	LF	>5,000', 30" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	83.35	
33 01 10 71-0049	LF	Up To 500', 36" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	120.89	
33 01 10 71-0050	LF	>500' To 1,000', 36" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	111.18	
33 01 10 71-0051	LF	>1,000' To 5,000', 36" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	97.79	
33 01 10 71-0052	LF	>5,000', 36" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	91.14	
33 01 10 71-0053	LF	Up To 500', 42" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	134.92	
33 01 10 71-0054	LF	>500' To 1,000', 42" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	124.35	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 10 71-0055	LF	>1,000' To 5,000', 42" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	109.78	
33 01 10 71-0056	LF	>5,000', 42" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	102.58	
33 01 10 71-0057	LF	Up To 500', 48" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	148.87	
33 01 10 71-0058	LF	>500' To 1,000', 48" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	137.55	
33 01 10 71-0059	LF	>1,000' To 5,000', 48" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	121.91	
33 01 10 71-0060	LF	>5,000', 48" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	114.16	
33 01 10 71-0061	LF	Up To 500', 54" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	156.98	
33 01 10 71-0062	LF	>500' To 1,000', 54" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	145.42	
33 01 10 71-0063	LF	>1,000' To 5,000', 54" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	129.40	
33 01 10 71-0064	LF	>5,000', 54" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	121.46	
33 01 10 71-0065	LF	Up To 500', 60" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	165.07	
33 01 10 71-0066	LF	>500' To 1,000', 60" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	153.32	
33 01 10 71-0067	LF	>1,000' To 5,000', 60" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	136.99	
33 01 10 71-0068	LF	>5,000', 60" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	128.53	
33 01 10 71-0069		Water House Connection *(33 01 10 71-0004)*		
33 01 10 71-0070	EA	Blow Out Line To Water House Connection After Lining	57.65	

33 01 20 Operation and Maintenance of Wells *(33 01)*

33 01 20 00-0001 Pull Submersible Well Pumps For Repair *(33 01 20)*

Note: Includes cleaning.

33 01 20 00-0002	EA	Up To 100' Depth, Pull Submersible Well Pumps For Repair Note: Includes reinstallation after repair.	97.73	
33 01 20 00-0003	EA	>100 To 200' Depth, Pull Submersible Well Pumps For Repair Note: Includes reinstallation after repair.	130.31	
33 01 20 00-0004	EA	>200 To 300' Depth, Pull Submersible Well Pumps For Repair Note: Includes reinstallation after repair.	169.40	
33 01 20 00-0005	EA	>300 To 400' Depth, Pull Submersible Well Pumps For Repair Note: Includes reinstallation after repair.	221.52	
33 01 20 00-0006	EA	>400 To 500' Depth, Pull Submersible Well Pumps For Repair Note: Includes reinstallation after repair.	273.64	
33 01 20 00-0007	EA	>500 To 600' Depth, Pull Submersible Well Pumps For Repair Note: Includes reinstallation after repair.	312.73	

33 01 30 Operation and Maintenance of Sewer Utilities *(33 01)*

33 01 30 11 Television Inspection Of Pipelines *(33 01 30)*

Note: Rotating head color camera. Includes all log records and color video tape, DVD or CD.

33 01 30 11-0001 Remote Visual Inspection (RVI) Of Pipe Interior And Culverts *(33 01 30 11)*

33 01 30 11-0002 Video Camera Set-up *(33 01 30 11-0001)*

Note: A "push camera" is a straight view camera at the end of a rigid push rod for 1" to 12" diameter pipes for distances up to 300 feet. Crawlers are generally remotely operated vehicles (ROVs) for longer distances (over 300') and for larger diameters (4" and larger).

33 01 30 11-0003	EA	Initial Set Up For "Push Camera" Video Camera Inspection, 1" To 12" Diameter Pipe Or Culvert	965.17
33 01 30 11-0004	EA	Initial Set Up For "Crawler" Video Camera Inspection, 4" To 30" Diameter Pipe Or Culvert	1,930.34
33 01 30 11-0005	EA	Initial Set Up For "Crawler" Video Camera Inspection, >30" Diameter Pipe Or Culvert	2,895.51
33 01 30 11-0006	EA	Re-Set Up/Move For "Push Camera" Video Camera Inspection, 1" To 12" Diameter Pipe Or Culvert	482.58
33 01 30 11-0007	EA	Re-Set Up/Move For "Crawler" Video Camera Inspection, 4" And Larger Diameter Pipe Or Culvert	965.17

33 01 30 11-0008 Video Camera Planning And Analysis Inspection *(33 01 30 11-0001)*

Note: For pipe interior and culverts.

33 01 30 11-0009	LF	4" To 6" Diameter Pipe Inspection, Planning/Analysis Phase Note: CCTV inspection of pipe interior.	2.44	
		For >500 To 1,000, Deduct		*-0.24*
		For >1,000 To 5,000, Deduct		*-0.61*
		For >5,000, Deduct		*-0.85*
33 01 30 11-0010	LF	>6" To 12" Diameter Pipe Inspection, Planning/Analysis Phase Note: CCTV inspection of pipe interior.	3.26	
		For >500 To 1,000, Deduct		*-0.33*
		For >1,000 To 5,000, Deduct		*-0.82*
		For >5,000, Deduct		*-1.14*
33 01 30 11-0011	LF	>12" To 21" Diameter Pipe Inspection, Planning/Analysis Phase Note: CCTV inspection of pipe interior.	4.07	
		For >500 To 1,000, Deduct		*-0.41*
		For >1,000 To 5,000, Deduct		*-1.02*
		For >5,000, Deduct		*-1.42*
33 01 30 11-0012	LF	>21" To 30" Diameter Pipe Inspection, Planning/Analysis Phase Note: CCTV inspection of pipe interior.	5.44	
		For >500 To 1,000, Deduct		*-0.54*
		For >1,000 To 5,000, Deduct		*-1.36*
		For >5,000, Deduct		*-1.90*
33 01 30 11-0013	LF	>30" To 42" Diameter Pipe Inspection, Planning/Analysis Phase Note: CCTV inspection of pipe interior.	7.65	
		For >500 To 1,000, Deduct		*-0.77*
		For >1,000 To 5,000, Deduct		*-1.91*
		For >5,000, Deduct		*-2.68*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 11-0014	LF	>42" To 60" Diameter Pipe Inspection, Planning/Analysis Phase	10.19	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-1.02*	
		For >1,000 To 5,000, Deduct	*-2.55*	
		For >5,000, Deduct	*-3.57*	
33 01 30 11-0015	LF	>60" To 72" Diameter Pipe Inspection, Planning/Analysis Phase	14.39	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-1.44*	
		For >1,000 To 5,000, Deduct	*-3.60*	
		For >5,000, Deduct	*-5.04*	
33 01 30 11-0016	LF	>72" To 84" Diameter Pipe Inspection, Planning/Analysis Phase	20.39	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-2.04*	
		For >1,000 To 5,000, Deduct	*-5.10*	
		For >5,000, Deduct	*-7.14*	
33 01 30 11-0017		Video Camera Pre-Rehab For Pipe Interior And Culverts *(33 01 30 11-0001)*		
33 01 30 11-0018	LF	4" To 6" Diameter Pipe Inspection, Pre-Rehabilitation Phase	3.62	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-0.36*	
		For >1,000 To 5,000, Deduct	*-0.91*	
		For >5,000, Deduct	*-1.27*	
33 01 30 11-0019	LF	>6" To 12" Diameter Pipe Inspection, Pre-Rehabilitation Phase	4.83	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-0.48*	
		For >1,000 To 5,000, Deduct	*-1.21*	
		For >5,000, Deduct	*-1.69*	
33 01 30 11-0020	LF	>12" To 21" Diameter Pipe Inspection, Pre-Rehabilitation Phase	6.03	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-0.60*	
		For >1,000 To 5,000, Deduct	*-1.51*	
		For >5,000, Deduct	*-2.11*	
33 01 30 11-0021	LF	>21" To 30" Diameter Pipe Inspection, Pre-Rehabilitation Phase	8.04	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-0.80*	
		For >1,000 To 5,000, Deduct	*-2.01*	
		For >5,000, Deduct	*-2.81*	
33 01 30 11-0022	LF	>30" To 42" Diameter Pipe Inspection, Pre-Rehabilitation Phase	11.31	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-1.13*	
		For >1,000 To 5,000, Deduct	*-2.83*	
		For >5,000, Deduct	*-3.96*	
33 01 30 11-0023	LF	>42" To 60" Diameter Pipe Inspection, Pre-Rehabilitation Phase	15.09	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-1.51*	
		For >1,000 To 5,000, Deduct	*-3.77*	
		For >5,000, Deduct	*-5.28*	
33 01 30 11-0024	LF	>60" To 72" Diameter Pipe Inspection, Pre-Rehabilitation Phase	21.30	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-2.13*	
		For >1,000 To 5,000, Deduct	*-5.33*	
		For >5,000, Deduct	*-7.46*	
33 01 30 11-0025	LF	>72" To 84" Diameter Pipe Inspection, Pre-Rehabilitation Phase	30.16	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-3.02*	
		For >1,000 To 5,000, Deduct	*-7.54*	
		For >5,000, Deduct	*-10.56*	
33 01 30 11-0026		Video Camera Post-Rehab For Pipe Interior And Culverts *(33 01 30 11-0001)*		
33 01 30 11-0027	LF	4" To 6" Diameter Pipe Inspection, Post-Rehabilitation Phase	2.58	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-0.26*	
		For >1,000 To 5,000, Deduct	*-0.65*	
		For >5,000, Deduct	*-0.90*	
33 01 30 11-0028	LF	>6" To 12" Diameter Pipe Inspection, Post-Rehabilitation Phase	3.45	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-0.35*	
		For >1,000 To 5,000, Deduct	*-0.86*	
		For >5,000, Deduct	*-1.21*	
33 01 30 11-0029	LF	>12" To 21" Diameter Pipe Inspection, Post-Rehabilitation Phase	4.31	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-0.43*	
		For >1,000 To 5,000, Deduct	*-1.08*	
		For >5,000, Deduct	*-1.51*	
33 01 30 11-0030	LF	>21" To 30" Diameter Pipe Inspection, Post-Rehabilitation Phase	5.74	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-0.57*	
		For >1,000 To 5,000, Deduct	*-1.44*	
		For >5,000, Deduct	*-2.01*	
33 01 30 11-0031	LF	>30" To 42" Diameter Pipe Inspection, Post-Rehabilitation Phase	8.08	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-0.81*	
		For >1,000 To 5,000, Deduct	*-2.02*	
		For >5,000, Deduct	*-2.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 11-0032	LF	>42" To 60" Diameter Pipe Inspection, Post-Rehabilitation Phase Note: CCTV inspection of pipe interior.	10.77	
		For >500 To 1,000, Deduct	*-1.08*	
		For >1,000 To 5,000, Deduct	*-2.69*	
		For >5,000, Deduct	*-3.77*	
33 01 30 11-0033	LF	>60" To 72" Diameter Pipe Inspection, Post-Rehabilitation Phase Note: CCTV inspection of pipe interior.	15.21	
		For >500 To 1,000, Deduct	*-1.52*	
		For >1,000 To 5,000, Deduct	*-3.80*	
		For >5,000, Deduct	*-5.32*	
33 01 30 11-0034	LF	>72" To 84" Diameter Pipe Inspection, Post-Rehabilitation Phase Note: CCTV inspection of pipe interior.	21.55	
		For >500 To 1,000, Deduct	*-2.16*	
		For >1,000 To 5,000, Deduct	*-5.39*	
		For >5,000, Deduct	*-7.54*	

33 01 30 41 Cleaning of Sewers *(33 01 30)*

33 01 30 41-0001 Pipe Line Cleaning And Flushing *(33 01 30 41)*

Note: Includes flushing. Owner provided water.

33 01 30 41-0002 Pipe Line Cleaning *(33 01 30 41-0001)*

Note: Includes removal of all debris/waste. Excludes disposal.

33 01 30 41-0003 Hydro Jet Set-up And Reinsertion *(33 01 30 41-0002)*

Note: Includes mobilization delivery, set-up, clean-up after use and return.

33 01 30 41-0004	EA	Initial Set Up And Final Equipment Removal For Up To 8" Jet Cleaning	1,502.80
33 01 30 41-0005	EA	Initial Set Up And Final Equipment Removal For >8" To 12" Jet Cleaning	2,254.20
33 01 30 41-0006	EA	Initial Set Up And Final Equipment Removal For >12" To 30" Jet Cleaning	3,005.60
33 01 30 41-0007	EA	Initial Set Up And Final Equipment Removal For >30" Jet Cleaning	4,007.46
33 01 30 41-0008	EA	Move And Reset Up At Different Access/Location For Up To 8" Jet Cleaning	375.70
33 01 30 41-0009	EA	Move And Reset Up At Different Access/Location For >8" To 12" Jet Cleaning	563.55
33 01 30 41-0010	EA	Move And Reset Up At Different Access/Location For >12" To 30" Jet Cleaning	751.40
33 01 30 41-0011	EA	Move And Reset Up At Different Access/Location For >30" Jet Cleaning	939.25

33 01 30 41-0012 Hydro Jet Cleaning Of Sewer And Water Pipelines *(33 01 30 41-0002)*

33 01 30 41-0013	LF	Up To 4" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	4.04	
		For >250 To 500, Deduct	*-0.20*	
		For >500 To 1,000, Deduct	*-0.40*	
		For >1,000 To 2,000, Deduct	*-0.61*	
		For >2,000 To 5,000, Deduct	*-0.81*	
		For >5,000, Deduct	*-1.01*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*3.03*	
33 01 30 41-0014	LF	6" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	4.64	
		For >250 To 500, Deduct	*-0.23*	
		For >500 To 1,000, Deduct	*-0.46*	
		For >1,000 To 2,000, Deduct	*-0.70*	
		For >2,000 To 5,000, Deduct	*-0.93*	
		For >5,000, Deduct	*-1.16*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*3.48*	
33 01 30 41-0015	LF	8" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	5.44	
		For >250 To 500, Deduct	*-0.27*	
		For >500 To 1,000, Deduct	*-0.54*	
		For >1,000 To 2,000, Deduct	*-0.82*	
		For >2,000 To 5,000, Deduct	*-1.09*	
		For >5,000, Deduct	*-1.36*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*4.08*	
33 01 30 41-0016	LF	10" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	6.73	
		For >250 To 500, Deduct	*-0.34*	
		For >500 To 1,000, Deduct	*-0.67*	
		For >1,000 To 2,000, Deduct	*-1.01*	
		For >2,000 To 5,000, Deduct	*-1.35*	
		For >5,000, Deduct	*-1.68*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*5.05*	
33 01 30 41-0017	LF	12" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	7.64	
		For >250 To 500, Deduct	*-0.38*	
		For >500 To 1,000, Deduct	*-0.76*	
		For >1,000 To 2,000, Deduct	*-1.15*	
		For >2,000 To 5,000, Deduct	*-1.53*	
		For >5,000, Deduct	*-1.91*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*5.73*	
33 01 30 41-0018	LF	>12" To 16" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	8.82	
		For >250 To 500, Deduct	*-0.44*	
		For >500 To 1,000, Deduct	*-0.88*	
		For >1,000 To 2,000, Deduct	*-1.32*	
		For >2,000 To 5,000, Deduct	*-1.76*	
		For >5,000, Deduct	*-2.21*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*6.62*	
33 01 30 41-0019	LF	>16" To 24" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	10.62	
		For >250 To 500, Deduct	*-0.53*	
		For >500 To 1,000, Deduct	*-1.06*	
		For >1,000 To 2,000, Deduct	*-1.59*	
		For >2,000 To 5,000, Deduct	*-2.12*	
		For >5,000, Deduct	*-2.66*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*7.97*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 41-0020	LF	>24" To 30" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	12.04	
		For >250 To 500, Deduct	*-0.60*	
		For >500 To 1,000, Deduct	*-1.20*	
		For >1,000 To 2,000, Deduct	*-1.81*	
		For >2,000 To 5,000, Deduct	*-2.41*	
		For >5,000, Deduct	*-3.01*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*9.03*	
33 01 30 41-0021	LF	>30" To 42" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	14.23	
		For >250 To 500, Deduct	*-0.71*	
		For >500 To 1,000, Deduct	*-1.42*	
		For >1,000 To 2,000, Deduct	*-2.13*	
		For >2,000 To 5,000, Deduct	*-2.85*	
		For >5,000, Deduct	*-3.56*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*10.67*	
33 01 30 41-0022	LF	>42" To 60" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	17.89	
		For >250 To 500, Deduct	*-0.89*	
		For >500 To 1,000, Deduct	*-1.79*	
		For >1,000 To 2,000, Deduct	*-2.68*	
		For >2,000 To 5,000, Deduct	*-3.58*	
		For >5,000, Deduct	*-4.47*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*13.42*	
33 01 30 41-0023	LF	>60" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	20.87	
		For >250 To 500, Deduct	*-1.04*	
		For >500 To 1,000, Deduct	*-2.09*	
		For >1,000 To 2,000, Deduct	*-3.13*	
		For >2,000 To 5,000, Deduct	*-4.17*	
		For >5,000, Deduct	*-5.22*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*15.65*	

33 01 30 41-0024 Flushing Of Storm Water Pipelines *(33 01 30 41-0002)*

Note: To remove silt and small debris from storm drainage pipes. Excludes disposal.

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 41-0025	LF	12" To 16" Diameter Pipe Line Flushing	1.67	
		For >250 To 500, Deduct	*-0.08*	
		For >500 To 1,000, Deduct	*-0.17*	
		For >1,000 To 2,000, Deduct	*-0.25*	
		For >2,000 To 5,000, Deduct	*-0.33*	
		For >5,000, Deduct	*-0.42*	
33 01 30 41-0026	LF	>16" To 24" Diameter Pipe Line Flushing	1.91	
		For >250 To 500, Deduct	*-0.10*	
		For >500 To 1,000, Deduct	*-0.19*	
		For >1,000 To 2,000, Deduct	*-0.29*	
		For >2,000 To 5,000, Deduct	*-0.38*	
		For >5,000, Deduct	*-0.48*	
33 01 30 41-0027	LF	>24" To 30" Diameter Pipe Line Flushing	2.24	
		For >250 To 500, Deduct	*-0.11*	
		For >500 To 1,000, Deduct	*-0.22*	
		For >1,000 To 2,000, Deduct	*-0.34*	
		For >2,000 To 5,000, Deduct	*-0.45*	
		For >5,000, Deduct	*-0.56*	
33 01 30 41-0028	LF	>30" To 42" Diameter Pipe Line Flushing	2.58	
		For >250 To 500, Deduct	*-0.13*	
		For >500 To 1,000, Deduct	*-0.26*	
		For >1,000 To 2,000, Deduct	*-0.39*	
		For >2,000 To 5,000, Deduct	*-0.52*	
		For >5,000, Deduct	*-0.65*	
33 01 30 41-0029	LF	>42" To 60" Diameter Pipe Line Flushing	3.43	
		For >250 To 500, Deduct	*-0.17*	
		For >500 To 1,000, Deduct	*-0.34*	
		For >1,000 To 2,000, Deduct	*-0.51*	
		For >2,000 To 5,000, Deduct	*-0.69*	
		For >5,000, Deduct	*-0.86*	

33 01 30 41-0030 Hydro Jet Cleaning Of Culverts *(33 01 30 41-0002)*

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 41-0031	LF	Jet Cleaning Of Culvert, 0-250 LF	18.69	
		For >250 To 500, Deduct	*-0.93*	
		For >500 To 1,000, Deduct	*-1.87*	
		For >1,000 To 2,000, Deduct	*-2.80*	
		For >2,000 To 5,000, Deduct	*-3.74*	
		For >5,000, Deduct	*-4.67*	

33 01 30 41-0032 Pipe Line Cleaning, Mechanical Method *(33 01 30 41-0001)*

Note: Power winching buckets, scrapers, scooters, porcupines, brushes and other debris removing equipment. Includes removal of all debris/waste. Excludes disposal.

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 41-0033	EA	Initial Set Up And Final Equipment Removal For Mechanical Cleaning	1,383.59	
33 01 30 41-0034	EA	Move And Reset Up At Different Access/Location	461.20	
33 01 30 41-0035	LF	Up To 4" Diameter Pipe Line Cleaning, Mechanical Method	8.00	
		For >250 To 500, Deduct	*-0.38*	
		For >500 To 1,000, Deduct	*-0.77*	
		For >1,000 To 2,000, Deduct	*-1.15*	
		For >2,000 To 5,000, Deduct	*-1.54*	
		For >5,000, Deduct	*-1.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 41-0036	LF	6" Diameter Pipe Line Cleaning, Mechanical Method	10.50	
		For >250 To 500, Deduct	*-0.49*	
		For >500 To 1,000, Deduct	*-0.99*	
		For >1,000 To 2,000, Deduct	*-1.48*	
		For >2,000 To 5,000, Deduct	*-1.98*	
		For >5,000, Deduct	*-2.47*	
33 01 30 41-0037	LF	8" Diameter Pipe Line Cleaning, Mechanical Method	12.30	
		For >250 To 500, Deduct	*-0.58*	
		For >500 To 1,000, Deduct	*-1.15*	
		For >1,000 To 2,000, Deduct	*-1.73*	
		For >2,000 To 5,000, Deduct	*-2.31*	
		For >5,000, Deduct	*-2.88*	
33 01 30 41-0038	LF	10" Diameter Pipe Line Cleaning, Mechanical Method	14.23	
		For >250 To 500, Deduct	*-0.67*	
		For >500 To 1,000, Deduct	*-1.33*	
		For >1,000 To 2,000, Deduct	*-2.00*	
		For >2,000 To 5,000, Deduct	*-2.66*	
		For >5,000, Deduct	*-3.33*	
33 01 30 41-0039	LF	12" Diameter Pipe Line Cleaning, Mechanical Method	15.49	
		For >250 To 500, Deduct	*-0.72*	
		For >500 To 1,000, Deduct	*-1.44*	
		For >1,000 To 2,000, Deduct	*-2.16*	
		For >2,000 To 5,000, Deduct	*-2.88*	
		For >5,000, Deduct	*-3.60*	

33 01 30 41-0040 Pipe Line Auguring/Rod Out Pipe *(33 01 30 41-0001)*

33 01 30 41-0041	EA	Initial Set Up And Final Equipment Removal For Auguring	1,383.59	
33 01 30 41-0042	EA	Move And Reset Up At Different Location	461.20	
33 01 30 41-0043	LF	Up To 4" Diameter Pipe Line Auguring/Rod Out	4.61	
		For >250 To 500, Deduct	*-0.23*	
		For >500 To 1,000, Deduct	*-0.46*	
		For >1,000 To 2,000, Deduct	*-0.69*	
		For >2,000 To 5,000, Deduct	*-0.92*	
		For >5,000, Deduct	*-1.15*	
33 01 30 41-0044	LF	6" Diameter Pipe Line Auguring/Rod Out	5.96	
		For >250 To 500, Deduct	*-0.30*	
		For >500 To 1,000, Deduct	*-0.60*	
		For >1,000 To 2,000, Deduct	*-0.89*	
		For >2,000 To 5,000, Deduct	*-1.19*	
		For >5,000, Deduct	*-1.49*	
33 01 30 41-0045	LF	8" Diameter Pipe Line Auguring/Rod Out	6.92	
		For >250 To 500, Deduct	*-0.35*	
		For >500 To 1,000, Deduct	*-0.69*	
		For >1,000 To 2,000, Deduct	*-1.04*	
		For >2,000 To 5,000, Deduct	*-1.38*	
		For >5,000, Deduct	*-1.73*	
33 01 30 41-0046	LF	10" Diameter Pipe Line Auguring/Rod Out	8.05	
		For >250 To 500, Deduct	*-0.40*	
		For >500 To 1,000, Deduct	*-0.81*	
		For >1,000 To 2,000, Deduct	*-1.21*	
		For >2,000 To 5,000, Deduct	*-1.61*	
		For >5,000, Deduct	*-2.01*	
33 01 30 41-0047	LF	12" Diameter Pipe Line Auguring/Rod Out	8.64	
		For >250 To 500, Deduct	*-0.43*	
		For >500 To 1,000, Deduct	*-0.86*	
		For >1,000 To 2,000, Deduct	*-1.30*	
		For >2,000 To 5,000, Deduct	*-1.73*	
		For >5,000, Deduct	*-2.16*	
33 01 30 41-0048	LF	>12" To 16" Diameter Pipe Line Auguring/Rod Out	9.88	
		For >250 To 500, Deduct	*-0.49*	
		For >500 To 1,000, Deduct	*-0.99*	
		For >1,000 To 2,000, Deduct	*-1.48*	
		For >2,000 To 5,000, Deduct	*-1.98*	
		For >5,000, Deduct	*-2.47*	
33 01 30 41-0049	LF	>16" To 24" Diameter Pipe Line Auguring/Rod Out	12.14	
		For >250 To 500, Deduct	*-0.61*	
		For >500 To 1,000, Deduct	*-1.21*	
		For >1,000 To 2,000, Deduct	*-1.82*	
		For >2,000 To 5,000, Deduct	*-2.43*	
		For >5,000, Deduct	*-3.04*	
33 01 30 41-0050	LF	>24" To 30" Diameter Pipe Line Auguring/Rod Out	13.56	
		For >250 To 500, Deduct	*-0.68*	
		For >500 To 1,000, Deduct	*-1.36*	
		For >1,000 To 2,000, Deduct	*-2.03*	
		For >2,000 To 5,000, Deduct	*-2.71*	
		For >5,000, Deduct	*-3.39*	
33 01 30 41-0051	LF	>30" To 42" Diameter Pipe Line Auguring/Rod Out	15.72	
		For >250 To 500, Deduct	*-0.79*	
		For >500 To 1,000, Deduct	*-1.57*	
		For >1,000 To 2,000, Deduct	*-2.36*	
		For >2,000 To 5,000, Deduct	*-3.14*	
		For >5,000, Deduct	*-3.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 41-0052	LF	>42 To 60" Diameter Pipe Line Auguring/Rod Out	21.62	
		For >250 To 500, Deduct	*-1.08*	
		For >500 To 1,000, Deduct	*-2.16*	
		For >1,000 To 2,000, Deduct	*-3.24*	
		For >2,000 To 5,000, Deduct	*-4.32*	
		For >5,000, Deduct	*-5.41*	
33 01 30 41-0053	LF	>60" Diameter Pipe Line Auguring/Rod Out	23.06	
		For >250 To 500, Deduct	*-1.15*	
		For >500 To 1,000, Deduct	*-2.31*	
		For >1,000 To 2,000, Deduct	*-3.46*	
		For >2,000 To 5,000, Deduct	*-4.61*	
		For >5,000, Deduct	*-5.77*	

33 01 30 42 Cleaning of Manholes *(33 01 30)*

33 01 30 42-0001 Structure Cleaning And Flushing *(33 01 30 42)*

Note: Includes flushing. Owner provided water.

33 01 30 42-0002 Rod Out Structures And Other Hand Operations *(33 01 30 42-0001)*

33 01 30 42-0003	EA	Rod Out Waste Water Drain	55.31	
33 01 30 42-0004	EA	Rod Out Sewer Catch Basin	110.61	
33 01 30 42-0005	EA	Up To 6" Diameter Pipe, Rod Out Blockage	22.12	
33 01 30 42-0006	EA	8" Diameter Pipe, Rod Out Blockage	24.34	
33 01 30 42-0007	EA	10" Diameter Pipe, Rod Out Blockage	27.65	
33 01 30 42-0008	EA	12" Diameter Pipe, Rod Out Blockage	32.08	
33 01 30 42-0009	EA	>12" To 16" Diameter Pipe, Rod Out Blockage	37.60	
33 01 30 42-0010	EA	>16" To 24" Diameter Pipe, Rod Out Blockage	44.25	
33 01 30 42-0011	EA	>24" To 30" Diameter Pipe, Rod Out Blockage	51.99	
33 01 30 42-0012	EA	>30" To 42" Diameter Pipe, Rod Out Blockage	59.73	
33 01 30 42-0013	EA	>42" To 60" Diameter Pipe, Rod Out Blockage	69.68	
33 01 30 42-0014	EA	>60" Diameter Pipe, Rod Out Blockage	82.96	
33 01 30 42-0015	EA	Clean Out Debris From Entrance To Inlet Structure	276.54	
33 01 30 42-0016	EA	3' To 4' Diameter, Clean Out Blocked Manhole By Hand	1,030.07	
		For >10 To 100, Deduct	*-154.51*	
		For >100 To 250, Deduct	*-231.77*	
		For >250, Deduct	*-309.02*	
33 01 30 42-0017	EA	5' To 6' Diameter, Clean Out Blocked Manhole By Hand	1,236.08	
		For >10 To 100, Deduct	*-185.41*	
		For >100 To 250, Deduct	*-278.12*	
		For >250, Deduct	*-370.82*	
33 01 30 42-0018	EA	Clean Out Blocked Catch Basin By Hand	618.04	
		For >10 To 100, Deduct	*-92.71*	
		For >100 To 250, Deduct	*-139.06*	
		For >250, Deduct	*-185.41*	

33 01 30 42-0019 Cleaning Manholes And Drainage Structures With Jet/Vacuum *(33 01 30 42-0001)*

Note: Includes the removal of debris with high pressure water jetting and vacuum equipment and cleaning of grate. Excludes hardened concrete debris and disposal of material.

33 01 30 42-0020	EA	Jet/Vacuum Clean 1 To 2 Catch Basins Or Manholes	298.23	
33 01 30 42-0021	EA	Jet/Vacuum Clean 3 To 10 Catch Basins Or Manholes	277.35	
33 01 30 42-0022	EA	Jet/Vacuum Clean 11 To 25 Catch Basins Or Manholes	256.46	
33 01 30 42-0023	EA	Jet/Vacuum Clean 26 To 100 Catch Basins Or Manholes	235.57	
33 01 30 42-0024	EA	Jet/Vacuum Clean 101 To 250 Catch Basins Or Manholes	214.69	
33 01 30 42-0025	EA	Jet/Vacuum Clean >250 Catch Basins Or Manholes	193.80	

33 01 30 51 Maintenance of Utilities *(33 01 30)*

33 01 30 51-0001 Pipe Repair *(33 01 30 51)*

Note: Excludes excavation and backfill where required See CSI section 31 23 00 00-0000 for excavation and backfill.

33 01 30 51-0002 Pipe Repair Clamp, Full Circle, Single Band *(33 01 30 51-0001)*

Note: Repair clamps for asbestos cement pipe, cast iron soil pipe, non-reinforced concrete pipe, PVC pipe, vitrified clay pipe, gray iron pipe and ductile iron pipe.

33 01 30 51-0003	EA	2" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	129.18	
		For Stainless Steel Nuts And Bolts, Add	*20.64*	
33 01 30 51-0004	EA	2" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	183.05	
		For Stainless Steel Nuts And Bolts, Add	*31.10*	
33 01 30 51-0005	EA	2" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	211.27	
		For Stainless Steel Nuts And Bolts, Add	*36.63*	
33 01 30 51-0006	EA	2" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	240.59	
		For Stainless Steel Nuts And Bolts, Add	*42.14*	
33 01 30 51-0007	EA	2-1/2" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	139.30	
		For Stainless Steel Nuts And Bolts, Add	*22.41*	
33 01 30 51-0008	EA	2-1/2" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	194.52	
		For Stainless Steel Nuts And Bolts, Add	*33.19*	
33 01 30 51-0009	EA	2-1/2" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	222.77	
		For Stainless Steel Nuts And Bolts, Add	*38.59*	
33 01 30 51-0010	EA	2-1/2" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	257.28	
		For Stainless Steel Nuts And Bolts, Add	*45.15*	
33 01 30 51-0011	EA	3" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	149.66	
		For Stainless Steel Nuts And Bolts, Add	*24.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 51-0012	EA	3" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	202.28	
		For Stainless Steel Nuts And Bolts, Add	*34.70*	
33 01 30 51-0013	EA	3" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	233.68	
		For Stainless Steel Nuts And Bolts, Add	*40.68*	
33 01 30 51-0014	EA	3" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	272.17	
		For Stainless Steel Nuts And Bolts, Add	*48.30*	
33 01 30 51-0015	EA	4" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	168.54	
		For Stainless Steel Nuts And Bolts, Add	*27.88*	
33 01 30 51-0016	EA	4" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	222.39	
		For Stainless Steel Nuts And Bolts, Add	*37.53*	
33 01 30 51-0017	EA	4" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	269.63	
		For Stainless Steel Nuts And Bolts, Add	*45.68*	
33 01 30 51-0018	EA	4" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	324.82	
		For Stainless Steel Nuts And Bolts, Add	*55.11*	
33 01 30 51-0019	EA	4" Diameter, 20" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	424.09	
		For Stainless Steel Nuts And Bolts, Add	*74.02*	
33 01 30 51-0020	EA	4" Diameter, 25" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	527.34	
		For Stainless Steel Nuts And Bolts, Add	*92.93*	
33 01 30 51-0021	EA	4" Diameter, 30" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	643.15	
		For Stainless Steel Nuts And Bolts, Add	*113.99*	
33 01 30 51-0022	EA	6" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	198.09	
		For Stainless Steel Nuts And Bolts, Add	*32.90*	
33 01 30 51-0023	EA	6" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	262.84	
		For Stainless Steel Nuts And Bolts, Add	*44.63*	
33 01 30 51-0024	EA	6" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	311.37	
		For Stainless Steel Nuts And Bolts, Add	*52.62*	
33 01 30 51-0025	EA	6" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	364.96	
		For Stainless Steel Nuts And Bolts, Add	*61.15*	
33 01 30 51-0026	EA	6" Diameter, 20" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	504.17	
		For Stainless Steel Nuts And Bolts, Add	*88.61*	
33 01 30 51-0027	EA	6" Diameter, 25" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	612.92	
		For Stainless Steel Nuts And Bolts, Add	*108.06*	
33 01 30 51-0028	EA	6" Diameter, 30" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	732.05	
		For Stainless Steel Nuts And Bolts, Add	*129.12*	
33 01 30 51-0029	EA	8" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	259.20	
		For Stainless Steel Nuts And Bolts, Add	*39.36*	
33 01 30 51-0030	EA	8" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	336.53	
		For Stainless Steel Nuts And Bolts, Add	*52.08*	
33 01 30 51-0031	EA	8" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	406.13	
		For Stainless Steel Nuts And Bolts, Add	*63.02*	
33 01 30 51-0032	EA	8" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	485.06	
		For Stainless Steel Nuts And Bolts, Add	*75.10*	
33 01 30 51-0033	EA	8" Diameter, 20" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	642.82	
		For Stainless Steel Nuts And Bolts, Add	*104.04*	
33 01 30 51-0034	EA	8" Diameter, 25" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	768.83	
		For Stainless Steel Nuts And Bolts, Add	*124.41*	
33 01 30 51-0035	EA	8" Diameter, 30" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	910.80	
		For Stainless Steel Nuts And Bolts, Add	*146.43*	
33 01 30 51-0036	EA	10" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	302.96	
		For Stainless Steel Nuts And Bolts, Add	*47.90*	
33 01 30 51-0037	EA	10" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	406.44	
		For Stainless Steel Nuts And Bolts, Add	*66.26*	
33 01 30 51-0038	EA	10" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	478.86	
		For Stainless Steel Nuts And Bolts, Add	*77.47*	
33 01 30 51-0039	EA	10" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	587.27	
		For Stainless Steel Nuts And Bolts, Add	*95.82*	
33 01 30 51-0040	EA	10" Diameter, 20" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	769.87	
		For Stainless Steel Nuts And Bolts, Add	*129.97*	
33 01 30 51-0041	EA	10" Diameter, 25" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	877.10	
		For Stainless Steel Nuts And Bolts, Add	*145.27*	
33 01 30 51-0042	EA	10" Diameter, 30" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	1,127.22	
		For Stainless Steel Nuts And Bolts, Add	*191.65*	
33 01 30 51-0043	EA	12" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	345.01	
		For Stainless Steel Nuts And Bolts, Add	*54.03*	
33 01 30 51-0044	EA	12" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	450.06	
		For Stainless Steel Nuts And Bolts, Add	*71.86*	
33 01 30 51-0045	EA	12" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	543.21	
		For Stainless Steel Nuts And Bolts, Add	*86.96*	
33 01 30 51-0046	EA	12" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	667.97	
		For Stainless Steel Nuts And Bolts, Add	*108.06*	
33 01 30 51-0047	EA	12" Diameter, 20" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	858.34	
		For Stainless Steel Nuts And Bolts, Add	*142.72*	
33 01 30 51-0048	EA	12" Diameter, 25" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	1,009.79	
		For Stainless Steel Nuts And Bolts, Add	*166.67*	
33 01 30 51-0049	EA	12" Diameter, 30" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	1,281.98	
		For Stainless Steel Nuts And Bolts, Add	*216.11*	

33 01 30 51-0050 Pipe Repair Clamp, Full Circle, Double Bands *(33 01 30 51-0001)*

Note: Repair clamps for reinforced concrete pipe, gray iron pipe and ductile iron pipe.

33 01 30 51-0051	EA	14.38" To 15.13" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	761.17	
		For Stainless Steel Nuts And Bolts, Add	*207.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 51-0052	EA	14.38" To 15.13" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,077.89	
		For Stainless Steel Nuts And Bolts, Add	*300.12*	
33 01 30 51-0053	EA	14.38" To 15.13" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,450.81	
		For Stainless Steel Nuts And Bolts, Add	*407.00*	
33 01 30 51-0054	EA	14.38" To 15.13" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	2,133.93	
		For Stainless Steel Nuts And Bolts, Add	*613.43*	
33 01 30 51-0055	EA	15.07" To 15.82" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	798.97	
		For Stainless Steel Nuts And Bolts, Add	*218.12*	
33 01 30 51-0056	EA	15.07" To 15.82" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,128.39	
		For Stainless Steel Nuts And Bolts, Add	*314.03*	
33 01 30 51-0057	EA	15.07" To 15.82" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,515.13	
		For Stainless Steel Nuts And Bolts, Add	*424.56*	
33 01 30 51-0058	EA	15.07" To 15.82" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	2,237.07	
		For Stainless Steel Nuts And Bolts, Add	*642.70*	
33 01 30 51-0059	EA	15.92" To 16.67" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	819.62	
		For Stainless Steel Nuts And Bolts, Add	*222.53*	
33 01 30 51-0060	EA	15.92" To 16.67" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,155.54	
		For Stainless Steel Nuts And Bolts, Add	*319.90*	
33 01 30 51-0061	EA	15.92" To 16.67" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,555.25	
		For Stainless Steel Nuts And Bolts, Add	*434.08*	
33 01 30 51-0062	EA	15.92" To 16.67" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	2,294.46	
		For Stainless Steel Nuts And Bolts, Add	*656.60*	
33 01 30 51-0063	EA	16.56" To 17.31" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	841.35	
		For Stainless Steel Nuts And Bolts, Add	*226.92*	
33 01 30 51-0064	EA	16.56" To 17.31" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,186.48	
		For Stainless Steel Nuts And Bolts, Add	*326.48*	
33 01 30 51-0065	EA	16.56" To 17.31" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,594.33	
		For Stainless Steel Nuts And Bolts, Add	*442.13*	
33 01 30 51-0066	EA	16.56" To 17.31" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	2,351.96	
		For Stainless Steel Nuts And Bolts, Add	*669.79*	
33 01 30 51-0067	EA	17.15" To 17.90" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	860.95	
		For Stainless Steel Nuts And Bolts, Add	*230.58*	
33 01 30 51-0068	EA	17.15" To 17.90" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,213.08	
		For Stainless Steel Nuts And Bolts, Add	*331.60*	
33 01 30 51-0069	EA	17.15" To 17.90" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,633.41	
		For Stainless Steel Nuts And Bolts, Add	*450.18*	
33 01 30 51-0070	EA	17.15" To 17.90" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	2,404.09	
		For Stainless Steel Nuts And Bolts, Add	*680.76*	
33 01 30 51-0071	EA	17.82" To 18.57" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	879.43	
		For Stainless Steel Nuts And Bolts, Add	*234.25*	
33 01 30 51-0072	EA	17.82" To 18.57" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,240.22	
		For Stainless Steel Nuts And Bolts, Add	*337.45*	
33 01 30 51-0073	EA	17.82" To 18.57" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,668.18	
		For Stainless Steel Nuts And Bolts, Add	*457.50*	
33 01 30 51-0074	EA	17.82" To 18.57" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	2,437.80	
		For Stainless Steel Nuts And Bolts, Add	*686.25*	
33 01 30 51-0075	EA	18.46" To 19.21" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	900.54	
		For Stainless Steel Nuts And Bolts, Add	*238.81*	
33 01 30 51-0076	EA	18.46" To 19.21" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,272.20	
		For Stainless Steel Nuts And Bolts, Add	*344.77*	
33 01 30 51-0077	EA	18.46" To 19.21" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,705.04	
		For Stainless Steel Nuts And Bolts, Add	*465.55*	
33 01 30 51-0078	EA	18.46" To 19.21" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	2,511.41	
		For Stainless Steel Nuts And Bolts, Add	*705.65*	
33 01 30 51-0079		PolySeal Pipe Coupler *(33 01 30 51-0001)*		
33 01 30 51-0080	EA	18" Diameter Pipe, PolySeal Repair Couplers (MarMac)	347.44	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 51-0081	EA	24" Diameter Pipe, PolySeal Repair Couplers (MarMac)	392.18	

33 01 30 81 Manhole Rehabilitation *(33 01 30)*

33 01 30 81-0001 Restoration And Rehabilitation Of Manholes *(33 01 30 81)*

Note: Work is in confined spaces.

33 01 30 81-0002 Manhole Seals *(33 01 30 81-0001)*

33 01 30 81-0003 Internal Manhole Chimney Seals *(33 01 30 81-0002)*

Note: Cretex.

33 01 30 81-0004	EA	20" Internal Manhole Chimney Seal	591.18	
33 01 30 81-0005	EA	22" Internal Manhole Chimney Seal	623.13	
33 01 30 81-0006	EA	24" Internal Manhole Chimney Seal	639.11	
33 01 30 81-0007	EA	26" Internal Manhole Chimney Seal	734.97	
33 01 30 81-0008	EA	28" Internal Manhole Chimney Seal	830.85	
33 01 30 81-0009	EA	30" Internal Manhole Chimney Seal	926.71	
33 01 30 81-0010	EA	36" Internal Manhole Chimney Seal	1,118.45	

33 01 30 81-0011 External Manhole Encapsulation *(33 01 30 81-0002)*

Note: Wrapidseal.

33 01 30 81-0012	EA	24" External Manhole Encapsulation	862.80	
33 01 30 81-0013	EA	30" External Manhole Encapsulation	910.73	
33 01 30 81-0014	EA	36" External Manhole Encapsulation	974.65	
33 01 30 81-0015	EA	42" External Manhole Encapsulation	1,054.53	
33 01 30 81-0016	EA	48" External Manhole Encapsulation	1,166.38	
33 01 30 81-0017	EA	54" External Manhole Encapsulation	1,294.19	
33 01 30 81-0018	EA	60" External Manhole Encapsulation	1,453.98	

33 01 30 81-0019 Manhole Crack Repair *(33 01 30 81-0001)*

Note: Includes removing loose materials and cleaning.

33 01 30 81-0020	LF	Up To 1/4" Wide, Epoxy Grout Injection, Manhole Crack Repair	61.88	
33 01 30 81-0021	LF	>1/4" To 1/2" Wide, Epoxy Grout Injection, Manhole Crack Repair	83.31	
33 01 30 81-0022	LF	Up To 1/4" Wide, Urethane Grout Injection, Manhole Crack Repair	59.25	
33 01 30 81-0023	LF	>1/4" To 1/2" Wide, Urethane Grout Injection, Manhole Crack Repair	80.31	

33 01 30 81-0024 Manhole Patching *(33 01 30 81-0001)*

Note: Includes removing loose materials and cleaning.

33 01 30 81-0025	SF	Up To 1/4" Thick, Cementitious Grout, Manhole Patching	18.10	
33 01 30 81-0026	SF	Up To 1/4" Thick, Epoxy Grout, Manhole Patching	42.11	

33 01 30 81-0027 Manhole Joint Restoration *(33 01 30 81-0001)*

Note: Includes drilling holes at joints, fill joints with grout.

33 01 30 81-0028	EA	3' Diameter Joint Restoration, Grout Fill Per Each Manhole	2,487.02	
		Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.		
		For Grouting Each Additional Manhole Joint Section, Add	*240.67*	
33 01 30 81-0029	EA	3-1/2' Diameter Joint Restoration, Grout Fill Per Each Manhole	2,903.28	
		Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.		
		For Grouting Each Additional Manhole Joint Section, Add	*268.29*	
33 01 30 81-0030	EA	4' Diameter Joint Restoration, Grout Fill Per Each Manhole	3,316.02	
		Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.		
		For Grouting Each Additional Manhole Joint Section, Add	*295.90*	
33 01 30 81-0031	EA	5' Diameter Joint Restoration, Grout Fill Per Each Manhole	3,939.70	
		Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.		
		For Grouting Each Additional Manhole Joint Section, Add	*309.70*	
33 01 30 81-0032	EA	6' Diameter Joint Restoration, Grout Fill Per Each Manhole	4,561.61	
		Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.		
		For Grouting Each Additional Manhole Joint Section, Add	*323.51*	

33 01 30 81-0033 Step Installation In Existing Manholes *(33 01 30 81-0001)*

Note: Including drilling in existing concrete manhole, step and grout. Demolition cost includes removal of old step and patching holes.

33 01 30 81-0034	EA	Drill And Grout 8" x 9" Cast Iron Manhole Steps	148.49	26.25
33 01 30 81-0035	EA	Drill And Grout Galvanized Steel Manhole Step	128.92	26.25
33 01 30 81-0036	EA	Bolt On Galvanized Steel Manhole Step	133.57	26.25
33 01 30 81-0037	EA	Drill And Grout Aluminum Manhole Step	156.54	26.25
33 01 30 81-0038	EA	Drill And Insert Polypropylene Manhole Step	78.51	21.01

33 01 30 81-0039 Invert Restoration *(33 01 30 81-0001)*

Note: Includes removal of existing defective material and installation of new material.

33 01 30 81-0040 Concrete Invert Restoration *(33 01 30 81-0039)*

33 01 30 81-0041	EA	2' Diameter, Concrete Invert Restoration	378.19	
33 01 30 81-0042	EA	3' Diameter, Concrete Invert Restoration	425.37	
33 01 30 81-0043	EA	4' Diameter, Concrete Invert Restoration	472.55	
33 01 30 81-0044	EA	5' Diameter, Concrete Invert Restoration	519.72	
33 01 30 81-0045	EA	6' Diameter, Concrete Invert Restoration	661.26	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 81-0046	SF	Square Or Rectangular, Concrete Invert Restoration	37.58	

33 01 30 81-0047 Brick Invert Restoration *(33 01 30 81-0039)*

33 01 30 81-0048	EA	2' Diameter, Brick Invert Restoration	605.79	
33 01 30 81-0049	EA	3' Diameter, Brick Invert Restoration	652.97	
33 01 30 81-0050	EA	4' Diameter, Brick Invert Restoration	700.15	
33 01 30 81-0051	EA	5' Diameter, Brick Invert Restoration	747.33	
33 01 30 81-0052	EA	6' Diameter, Brick Invert Restoration	794.51	
33 01 30 81-0053	SF	Square Or Rectangular, Brick Invert Restoration	52.61	

33 01 30 81-0054 Repair In-Kind Of Drainage Structures *(33 01 30 81)*

Note: For brick, concrete or concrete block catch basins, inlets, manholes, and other drainage structures. Includes replacing bricks or concrete blocks, concrete repair, sealing and repairing joints, excavation, backfilling, pavement removal, restoration of pavement and all tasks to perform interior and/or exterior repair in-kind. Sizes are inside dimensions. For other sizes, use closest size.

33 01 30 81-0055	VLF	2' Diameter, Repair In-Kind Drainage Structure	853.50	
33 01 30 81-0056	VLF	3' Diameter, Repair In-Kind Drainage Structure	1,280.25	
33 01 30 81-0057	VLF	4' Diameter, Repair In-Kind Drainage Structure	1,707.12	
33 01 30 81-0058	VLF	5' Diameter, Repair In-Kind Drainage Structure	2,133.75	
33 01 30 81-0059	VLF	6' Diameter, Repair In-Kind Drainage Structure	2,560.51	
33 01 30 81-0060	VLF	2' x 2', Repair In-Kind Drainage Structure	1,087.26	
33 01 30 81-0061	VLF	2' x 3', Repair In-Kind Drainage Structure	1,359.08	
33 01 30 81-0062	VLF	2' x 4', Repair In-Kind Drainage Structure	1,630.90	
33 01 30 81-0063	VLF	3' x 4', Repair In-Kind Drainage Structure	1,902.71	
33 01 30 81-0064	VLF	4' x 4', Repair In-Kind Drainage Structure	2,174.53	
33 01 30 81-0065	VLF	4' x 5', Repair In-Kind Drainage Structure	2,446.35	
33 01 30 81-0066	VLF	4' x 6', Repair In-Kind Drainage Structure	2,718.16	
33 01 30 81-0067	VLF	4' x 8', Repair In-Kind Drainage Structure	3,261.79	
33 01 30 81-0068	VLF	>32 GSF, Repair In-Kind Drainage Structure	3,805.43	

33 01 30 82 Epoxy Lining for Concrete Manholes *(33 01 30)*

33 01 30 82-0001 Epoxy Manhole Restoration, Interior *(33 01 30 82)*

33 01 30 82-0002	VLF	60 Mil Epoxy Restoration Of 3' Diameter Manhole Interior	373.90
		For 80 Mil Material, Add	*44.38*
		For 100 Mil Material, Add	*88.77*
		For 125 Mil Material, Add	*138.43*
		For 150 Mil Material, Add	*188.08*
		For 200 Mil Material, Add	*271.86*
		For 2 To 5 Manholes, Deduct	*-26.46*
		For 6 To 10 Manholes, Deduct	*-43.57*
		For >10 Manholes, Deduct	*-87.15*
33 01 30 82-0003	VLF	60 Mil Epoxy Restoration Of 3-1/2' Diameter Manhole Interior	453.53
		For 80 Mil Material, Add	*53.10*
		For 100 Mil Material, Add	*106.20*
		For 125 Mil Material, Add	*165.45*
		For 150 Mil Material, Add	*224.70*
		For 200 Mil Material, Add	*324.23*
		For 2 To 5 Manholes, Deduct	*-32.17*
		For 6 To 10 Manholes, Deduct	*-53.00*
		For >10 Manholes, Deduct	*-106.00*
33 01 30 82-0004	VLF	60 Mil Epoxy Restoration Of 4' Diameter Manhole Interior	498.52
		For 80 Mil Material, Add	*59.18*
		For 100 Mil Material, Add	*118.35*
		For 125 Mil Material, Add	*184.56*
		For 150 Mil Material, Add	*250.76*
		For 200 Mil Material, Add	*362.47*
		For 2 To 5 Manholes, Deduct	*-35.28*
		For 6 To 10 Manholes, Deduct	*-58.10*
		For >10 Manholes, Deduct	*-116.20*
33 01 30 82-0005	VLF	60 Mil Epoxy Restoration Of 5' Diameter Manhole Interior	623.23
		For 80 Mil Material, Add	*74.00*
		For 100 Mil Material, Add	*147.99*
		For 125 Mil Material, Add	*230.78*
		For 150 Mil Material, Add	*313.57*
		For 200 Mil Material, Add	*453.26*
		For 2 To 5 Manholes, Deduct	*-44.10*
		For 6 To 10 Manholes, Deduct	*-72.63*
		For >10 Manholes, Deduct	*-145.26*
33 01 30 82-0006	VLF	60 Mil Epoxy Restoration Of 6' Diameter Manhole Interior	747.86
		For 80 Mil Material, Add	*88.79*
		For 100 Mil Material, Add	*177.58*
		For 125 Mil Material, Add	*276.92*
		For 150 Mil Material, Add	*376.25*
		For 200 Mil Material, Add	*543.86*
		For 2 To 5 Manholes, Deduct	*-52.93*
		For 6 To 10 Manholes, Deduct	*-87.15*
		For >10 Manholes, Deduct	*-174.31*

33 01 30 83 Lining for Concrete Manholes *(33 01 30)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 83-0001		Manhole Lining *(33 01 30 83)*		
		Note: Includes power washing and cleaning of manhole interiors.		
33 01 30 83-0002		Cementitious Manhole Restoration, Interior *(33 01 30 83-0001)*		
33 01 30 83-0003	VLF	1/2" Cementitious Restoration On 3' Diameter Manhole Interior	160.09	
		For Each Additional 1/2" Thick Material, Add	*39.16*	
		For 2 To 5 Manholes, Deduct	*-11.28*	
		For 6 To 10 Manholes, Deduct	*-18.56*	
		For >10 Manholes, Deduct	*-37.13*	
33 01 30 83-0004	VLF	1/2" Cementitious Restoration On 3-1/2' Diameter Manhole Interior	185.62	
		For Each Additional 1/2" Thick Material, Add	*45.57*	
		For 2 To 5 Manholes, Deduct	*-13.08*	
		For 6 To 10 Manholes, Deduct	*-21.51*	
		For >10 Manholes, Deduct	*-43.03*	
33 01 30 83-0005	VLF	1/2" Cementitious Restoration On 4' Diameter Manhole Interior	211.15	
		For Each Additional 1/2" Thick Material, Add	*51.98*	
		For 2 To 5 Manholes, Deduct	*-14.87*	
		For 6 To 10 Manholes, Deduct	*-24.46*	
		For >10 Manholes, Deduct	*-48.93*	
33 01 30 83-0006	VLF	1/2" Cementitious Restoration On 5' Diameter Manhole Interior	248.65	
		For Each Additional 1/2" Thick Material, Add	*63.63*	
		For 2 To 5 Manholes, Deduct	*-17.44*	
		For 6 To 10 Manholes, Deduct	*-28.66*	
		For >10 Manholes, Deduct	*-57.32*	
33 01 30 83-0007	VLF	1/2" Cementitious Restoration On 6' Diameter Manhole Interior	271.86	
		For Each Additional 1/2" Thick Material, Add	*73.48*	
		For 2 To 5 Manholes, Deduct	*-18.94*	
		For 6 To 10 Manholes, Deduct	*-31.09*	
		For >10 Manholes, Deduct	*-62.18*	
33 01 30 83-0008		Polyurethane Manhole Restoration, Interior *(33 01 30 83-0001)*		
33 01 30 83-0009	VLF	60 Mil Polyurethane Restoration Of 3' Diameter Manhole Interior	332.73	
		For 80 Mil Material, Add	*30.66*	
		For 100 Mil Material, Add	*61.32*	
		For 125 Mil Material, Add	*93.82*	
		For 150 Mil Material, Add	*126.33*	
		For 200 Mil Material, Add	*175.80*	
		For 2 To 5 Manholes, Deduct	*-24.40*	
		For 6 To 10 Manholes, Deduct	*-40.49*	
		For >10 Manholes, Deduct	*-80.97*	
33 01 30 83-0010	VLF	60 Mil Polyurethane Restoration Of 3-1/2' Diameter Manhole Interior	405.43	
		For 80 Mil Material, Add	*37.06*	
		For 100 Mil Material, Add	*74.13*	
		For 125 Mil Material, Add	*113.34*	
		For 150 Mil Material, Add	*152.55*	
		For 200 Mil Material, Add	*211.99*	
		For 2 To 5 Manholes, Deduct	*-29.76*	
		For 6 To 10 Manholes, Deduct	*-49.39*	
		For >10 Manholes, Deduct	*-98.78*	
33 01 30 83-0011	VLF	60 Mil Polyurethane Restoration Of 4' Diameter Manhole Interior	443.63	
		For 80 Mil Material, Add	*40.88*	
		For 100 Mil Material, Add	*81.76*	
		For 125 Mil Material, Add	*125.09*	
		For 150 Mil Material, Add	*168.43*	
		For 200 Mil Material, Add	*234.39*	
		For 2 To 5 Manholes, Deduct	*-32.54*	
		For 6 To 10 Manholes, Deduct	*-53.98*	
		For >10 Manholes, Deduct	*-107.96*	
33 01 30 83-0012	VLF	60 Mil Polyurethane Restoration Of 5' Diameter Manhole Interior	554.54	
		For 80 Mil Material, Add	*51.10*	
		For 100 Mil Material, Add	*102.20*	
		For 125 Mil Material, Add	*156.37*	
		For 150 Mil Material, Add	*210.53*	
		For 200 Mil Material, Add	*292.98*	
		For 2 To 5 Manholes, Deduct	*-40.67*	
		For 6 To 10 Manholes, Deduct	*-67.48*	
		For >10 Manholes, Deduct	*-134.95*	
33 01 30 83-0013	VLF	60 Mil Polyurethane Restoration Of 6' Diameter Manhole Interior	665.45	
		For 80 Mil Material, Add	*61.32*	
		For 100 Mil Material, Add	*122.64*	
		For 125 Mil Material, Add	*187.64*	
		For 150 Mil Material, Add	*252.64*	
		For 200 Mil Material, Add	*351.58*	
		For 2 To 5 Manholes, Deduct	*-48.80*	
		For 6 To 10 Manholes, Deduct	*-80.97*	
		For >10 Manholes, Deduct	*-161.95*	
33 01 30 83-0014		Multiplexx™ PVCP Cured-In-Place (CIP) Lining Manhole Restoration, Interior *(33 01 30 83-0001)*		
33 01 30 83-0015	VLF	3' Diameter, Multiplexx™ PVCP Cured-In-Place (CIP) Manhole Liner For Existing Manhole	584.42	
		For 2 To 5 Manholes, Deduct	*-33.92*	
		For 6 To 10 Manholes, Deduct	*-53.22*	
		For >10 Manholes, Deduct	*-106.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 83-0016	VLF	3-1/2' Diameter, Multiplexx™ PVCP Cured-In-Place (CIP) Manhole Liner For Existing Manhole	715.72	
		For 2 To 5 Manholes, Deduct	*-41.53*	
		For 6 To 10 Manholes, Deduct	*-65.16*	
		For >10 Manholes, Deduct	*-130.32*	
33 01 30 83-0017	VLF	4' Diameter, Multiplexx™ PVCP Cured-In-Place (CIP) Manhole Liner For Existing Manhole	843.70	
		For 2 To 5 Manholes, Deduct	*-48.45*	
		For 6 To 10 Manholes, Deduct	*-75.80*	
		For >10 Manholes, Deduct	*-151.60*	
33 01 30 83-0018	VLF	5' Diameter, Multiplexx™ PVCP Cured-In-Place (CIP) Manhole Liner For Existing Manhole	1,058.07	
		For 2 To 5 Manholes, Deduct	*-60.73*	
		For 6 To 10 Manholes, Deduct	*-95.01*	
		For >10 Manholes, Deduct	*-190.02*	
33 01 30 83-0019	VLF	6' Diameter, Multiplexx™ PVCP Cured-In-Place (CIP) Manhole Liner For Existing Manhole	1,272.44	
		For 2 To 5 Manholes, Deduct	*-73.01*	
		For 6 To 10 Manholes, Deduct	*-114.22*	
		For >10 Manholes, Deduct	*-228.44*	

33 01 70 Operation and Maintenance of Electrical Utilities *(33 01)*

33 01 70 51 Electrical Utility Visual Inspection *(33 01 70)*

33 01 70 51-0001 Video Camera Inspection Of Gas Piping and Electrical Duct *(33 01 70 51)*

33 01 70 51-0002 Video Camera Set-up *(33 01 70 51-0001)*

33 01 70 51-0003	EA	Up To 12" Diameter, Initial Set Up For Video Inspection, Gas Pipe Or Electrical Duct	289.55	
33 01 70 51-0004	EA	>12" To 48" Diameter, Initial Set Up For Video Inspection, Gas Pipe	325.74	
33 01 70 51-0005	EA	Up To 12" Diameter, Re-Set Up/Move For Video Inspection, Gas Pipe Or Electrical Duct	72.39	
33 01 70 51-0006	EA	>12" To 48" Diameter, Re-Set Up/Move For Video Inspection, Gas Pipe	108.58	

33 01 70 51-0007 Video Camera Inspection Of Gas Pipe Or Electrical Duct *(33 01 70 51-0001)*

33 01 70 51-0008	LF	Up To 12" Diameter, Video Inspection, Gas Pipe Or Electrical Duct	1.11	
		For >1,000 To 5,000, Deduct	*-0.06*	
		For >5,000, Deduct	*-0.11*	
33 01 70 51-0009	LF	>12" To 48" Diameter, Video Inspection, Gas Pipe	1.72	
		For >1,000 To 5,000, Deduct	*-0.09*	
		For >5,000, Deduct	*-0.17*	

33 01 70 72 Cured-in-Place Conduit Lining *(33 01 70)*

33 01 70 72-0001 Lining Conduit With Cured In-Place (CIP) Liner *(33 01 70 72)*

Note: Cured in-place thermosetting resin pipe and resin impregnated tube. Excludes video camera inspection and cleaning.

33 01 70 72-0002 2mm Thick Cured In-Place Conduit Lining *(33 01 70 72-0001)*

33 01 70 72-0003	LF	1-1/2" Conduit Lined With 2mm Thick Cured In-Place (CIP) Lining	8.21	
		For Up To >10, Add	*15.23*	
		For >10 To 25, Add	*12.07*	
		For >25 To 50, Add	*7.43*	
		For >50 To 100, Add	*3.71*	
		For >500 To 1,000, Deduct	*-0.52*	
		For >1,000 To 2,000, Deduct	*-0.84*	
		For >2,000 To 5,000, Deduct	*-1.56*	
		For >5,000, Deduct	*-2.53*	
33 01 70 72-0004	LF	2" Conduit Lined With 2mm Thick Cured In-Place (CIP) Lining	10.09	
		For Up To >10, Add	*17.57*	
		For >10 To 25, Add	*13.80*	
		For >25 To 50, Add	*8.53*	
		For >50 To 100, Add	*4.27*	
		For >500 To 1,000, Deduct	*-0.63*	
		For >1,000 To 2,000, Deduct	*-1.01*	
		For >2,000 To 5,000, Deduct	*-1.86*	
		For >5,000, Deduct	*-3.02*	
33 01 70 72-0005	LF	2-1/2" Conduit Lined With 2mm Thick Cured In-Place (CIP) Lining	12.66	
		For Up To >10, Add	*21.98*	
		For >10 To 25, Add	*17.25*	
		For >25 To 50, Add	*10.67*	
		For >50 To 100, Add	*5.34*	
		For >500 To 1,000, Deduct	*-0.79*	
		For >1,000 To 2,000, Deduct	*-1.26*	
		For >2,000 To 5,000, Deduct	*-2.33*	
		For >5,000, Deduct	*-3.78*	
33 01 70 72-0006	LF	3" Conduit Lined With 2mm Thick Cured In-Place (CIP) Lining	14.97	
		For Up To >10, Add	*25.59*	
		For >10 To 25, Add	*20.03*	
		For >25 To 50, Add	*12.41*	
		For >50 To 100, Add	*6.20*	
		For >500 To 1,000, Deduct	*-0.93*	
		For >1,000 To 2,000, Deduct	*-1.48*	
		For >2,000 To 5,000, Deduct	*-2.74*	
		For >5,000, Deduct	*-4.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 70 72-0007	LF	3-1/2" Conduit Lined With 2mm Thick Cured In-Place (CIP) Lining	16.84	
		For Up To >10, Add	*27.90*	
		For >10 To 25, Add	*21.74*	
		For >25 To 50, Add	*13.50*	
		For >50 To 100, Add	*6.75*	
		For >500 To 1,000, Deduct	*-1.04*	
		For >1,000 To 2,000, Deduct	*-1.65*	
		For >2,000 To 5,000, Deduct	*-3.03*	
		For >5,000, Deduct	*-4.93*	
33 01 70 72-0008	LF	4" Conduit Lined With 2mm Thick Cured In-Place (CIP) Lining	18.99	
		For Up To >10, Add	*31.05*	
		For >10 To 25, Add	*24.14*	
		For >25 To 50, Add	*15.00*	
		For >50 To 100, Add	*7.50*	
		For >500 To 1,000, Deduct	*-1.17*	
		For >1,000 To 2,000, Deduct	*-1.86*	
		For >2,000 To 5,000, Deduct	*-3.40*	
		For >5,000, Deduct	*-5.52*	
33 01 70 72-0009	LF	5" Conduit Lined With 2mm Thick Cured In-Place (CIP) Lining	22.48	
		For Up To >10, Add	*34.89*	
		For >10 To 25, Add	*26.91*	
		For >25 To 50, Add	*16.79*	
		For >50 To 100, Add	*8.40*	
		For >500 To 1,000, Deduct	*-1.36*	
		For >1,000 To 2,000, Deduct	*-2.16*	
		For >2,000 To 5,000, Deduct	*-3.93*	
		For >5,000, Deduct	*-6.39*	
33 01 70 72-0010	LF	6" Conduit Lined With 2mm Thick Cured In-Place (CIP) Lining	25.96	
		For Up To >10, Add	*38.73*	
		For >10 To 25, Add	*29.67*	
		For >25 To 50, Add	*18.58*	
		For >50 To 100, Add	*9.29*	
		For >500 To 1,000, Deduct	*-1.56*	
		For >1,000 To 2,000, Deduct	*-2.46*	
		For >2,000 To 5,000, Deduct	*-4.45*	
		For >5,000, Deduct	*-7.25*	

33 01 70 72-0011 3mm Thick Cured In-Place Conduit Lining *(33 01 70 72-0001)*

33 01 70 72-0012	LF	1-1/2" Conduit Lined With 3mm Thick Cured In-Place (CIP) Lining	10.21	
		For Up To >10, Add	*16.93*	
		For >10 To 25, Add	*13.20*	
		For >25 To 50, Add	*8.19*	
		For >50 To 100, Add	*4.10*	
		For >500 To 1,000, Deduct	*-0.63*	
		For >1,000 To 2,000, Deduct	*-1.00*	
		For >2,000 To 5,000, Deduct	*-1.84*	
		For >5,000, Deduct	*-2.99*	
33 01 70 72-0013	LF	2" Conduit Lined With 3mm Thick Cured In-Place (CIP) Lining	13.32	
		For Up To >10, Add	*21.29*	
		For >10 To 25, Add	*16.49*	
		For >25 To 50, Add	*10.27*	
		For >50 To 100, Add	*5.13*	
		For >500 To 1,000, Deduct	*-0.81*	
		For >1,000 To 2,000, Deduct	*-1.29*	
		For >2,000 To 5,000, Deduct	*-2.36*	
		For >5,000, Deduct	*-3.83*	
33 01 70 72-0014	LF	2-1/2" Conduit Lined With 3mm Thick Cured In-Place (CIP) Lining	16.40	
		For Up To >10, Add	*25.58*	
		For >10 To 25, Add	*19.74*	
		For >25 To 50, Add	*12.32*	
		For >50 To 100, Add	*6.16*	
		For >500 To 1,000, Deduct	*-0.99*	
		For >1,000 To 2,000, Deduct	*-1.58*	
		For >2,000 To 5,000, Deduct	*-2.87*	
		For >5,000, Deduct	*-4.67*	
33 01 70 72-0015	LF	3" Conduit Lined With 3mm Thick Cured In-Place (CIP) Lining	19.22	
		For Up To >10, Add	*29.09*	
		For >10 To 25, Add	*22.33*	
		For >25 To 50, Add	*13.97*	
		For >50 To 100, Add	*6.99*	
		For >500 To 1,000, Deduct	*-1.16*	
		For >1,000 To 2,000, Deduct	*-1.83*	
		For >2,000 To 5,000, Deduct	*-3.32*	
		For >5,000, Deduct	*-5.40*	
33 01 70 72-0016	LF	3-1/2" Conduit Lined With 3mm Thick Cured In-Place (CIP) Lining	21.91	
		For Up To >10, Add	*32.18*	
		For >10 To 25, Add	*24.58*	
		For >25 To 50, Add	*15.42*	
		For >50 To 100, Add	*7.71*	
		For >500 To 1,000, Deduct	*-1.31*	
		For >1,000 To 2,000, Deduct	*-2.07*	
		For >2,000 To 5,000, Deduct	*-3.73*	
		For >5,000, Deduct	*-6.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 70 72-0017	LF	4" Conduit Lined With 3mm Thick Cured In-Place (CIP) Lining	24.73	
		For Up To >10, Add	*35.69*	
		For >10 To 25, Add	*27.18*	
		For >25 To 50, Add	*17.08*	
		For >50 To 100, Add	*8.54*	
		For >500 To 1,000, Deduct	*-1.47*	
		For >1,000 To 2,000, Deduct	*-2.32*	
		For >2,000 To 5,000, Deduct	*-4.18*	
		For >5,000, Deduct	*-6.81*	
33 01 70 72-0018	LF	5" Conduit Lined With 3mm Thick Cured In-Place (CIP) Lining	30.22	
		For Up To >10, Add	*42.24*	
		For >10 To 25, Add	*31.97*	
		For >25 To 50, Add	*20.15*	
		For >50 To 100, Add	*10.07*	
		For >500 To 1,000, Deduct	*-1.78*	
		For >1,000 To 2,000, Deduct	*-2.81*	
		For >2,000 To 5,000, Deduct	*-5.04*	
		For >5,000, Deduct	*-8.21*	
33 01 70 72-0019	LF	6" Conduit Lined With 3mm Thick Cured In-Place (CIP) Lining	35.31	
		For Up To >10, Add	*47.58*	
		For >10 To 25, Add	*35.76*	
		For >25 To 50, Add	*22.62*	
		For >50 To 100, Add	*11.31*	
		For >500 To 1,000, Deduct	*-2.06*	
		For >1,000 To 2,000, Deduct	*-3.25*	
		For >2,000 To 5,000, Deduct	*-5.79*	
		For >5,000, Deduct	*-9.46*	

33 05 Common Work Results for Utilities *(33)*

33 05 09 Piping Specials for Utilities *(33 05)*

33 05 09 23 Adapters for Utility Piping *(33 05 09)*

See CSI section 33 14 13 53-0191 for ductile iron body adapters, 33 14 13 53-0198 for steel body adapters.

33 05 09 33 Thrust Restraint for Utility Piping *(33 05 09)*

See CSI section 33 14 13 13-0241 for mechanical restraints, 33 14 13 13-0267 for flanged restraints, 33 14 13 13-0656 for slip-on restraints, 33 14 13 13-0662 for slip-on restraint harnesses.

33 05 16 Cast-Iron Utility Pipe *(33 05)*

See CSI section 22 13 16 00-0019 for cast iron utility piping.

33 05 17 Copper Utility Pipe and Tubing *(33 05)*

See CSI section 33 14 13 39-0000 for copper utility piping.

33 05 19 Ductile-Iron Utility Pipe *(33 05)*

See CSI section 33 14 13 13-0000 for ductile iron utility piping.

33 05 24 Steel Utility Pipe *(33 05)*

33 05 24 23 Steel Pipe for Water Service *(33 05 24)*

See CSI section 33 14 13 26-0000 for galvanized steel utility piping, 33 14 13 36-0000 for steel utility piping.

33 05 31 Thermoplastic Utility Pipe *(33 05)*

33 05 31 11 Polyvinyl Chloride Gravity Sewer Pipe *(33 05 31)*

See CSI section 33 31 11 00-0000 for polyvinyl chloride gravity sewer pipe.

33 05 31 13 Polyvinyl Chloride Pressure Pipe *(33 05 31)*

See CSI section 33 14 13 23-0001 for polyvinyl chloride pressure pipe.

33 05 31 16 Polyvinyl Chloride Pressure Pipe for Water Transmission and Distribution (AWWA C900 and AWWA C905) *(33 05 31)*

See CSI section 33 14 13 23-0285 for AWWA C900 and 905 polyvinyl chloride pressure pipe.

33 05 33 Polyethylene Utility Pipe *(33 05)*

33 05 33 53 HDPE Gas Utility Pipe *(33 05 33)*

See CSI section 33 52 16 26-0001 for high-density polyethylene gas utility pipe.

33 05 33 56 Medium-Density Polyethylene Gas Utility Pipe *(33 05 33)*

See CSI section 33 52 16 23-0000 for Medium-Density Polyethylene Gas Utility Pipe.

33 05 33 63 HDPE Communication Duct *(33 05 33)*

33 05 33 63-0001 ASTM F2160, UL 651-A, NEMA TC-7, Smooth Interior Wall HDPE Conduit, Pulled In Place By Boring Machine *(33 05 33 63)*

Note: Excludes boring.

33 05 33 63-0002	LF	1" Schedule 40, ASTM F2160, UL 651-A, NEMA TC-7, Smooth Interior Wall HDPE Conduit, Pulled In Place By Boring Machine	3.86	
		For Up To 250, Add	*0.13*	
		For >250 To 500, Add	*0.08*	
33 05 33 63-0003	LF	1-1/4" Schedule 40, ASTM F2160, UL 651-A, NEMA TC-7, Smooth Interior Wall HDPE Conduit, Pulled In Place By Boring Machine	4.34	
		For Up To 250, Add	*0.15*	
		For >250 To 500, Add	*0.10*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 33 63-0004	LF	1-1/2" Schedule 40, ASTM F2160, UL 651-A, NEMA TC-7, Smooth Interior Wall HDPE Conduit, Pulled In Place By Boring Machine	4.70	
		For Up To 250, Add	*0.18*	
		For >250 To 500, Add	*0.12*	
33 05 33 63-0005	LF	2" Schedule 40, ASTM F2160, UL 651-A, NEMA TC-7, Smooth Interior Wall HDPE Conduit, Pulled In Place By Boring Machine	5.17	
		For Up To 250, Add	*0.21*	
		For >250 To 500, Add	*0.14*	
33 05 33 63-0006	LF	3" Schedule 40, ASTM F2160, UL 651-A, NEMA TC-7, Smooth Interior Wall HDPE Conduit, Pulled In Place By Boring Machine	6.98	
		For Up To 250, Add	*0.44*	
		For >250 To 500, Add	*0.29*	
33 05 33 63-0007	LF	4" Schedule 40, ASTM F2160, UL 651-A, NEMA TC-7, Smooth Interior Wall HDPE Conduit, Pulled In Place By Boring Machine	8.87	
		For Up To 250, Add	*0.67*	
		For >250 To 500, Add	*0.45*	
33 05 33 63-0008	LF	1" Schedule 80, ASTM F2160, UL 651-A, NEMA TC-7, Smooth Interior Wall HDPE Conduit, Pulled In Place By Boring Machine	3.95	
		For Up To 250, Add	*0.14*	
		For >250 To 500, Add	*0.09*	
33 05 33 63-0009	LF	1-1/4" Schedule 80, ASTM F2160, UL 651-A, NEMA TC-7, Smooth Interior Wall HDPE Conduit, Pulled In Place By Boring Machine	4.50	
		For Up To 250, Add	*0.18*	
		For >250 To 500, Add	*0.12*	
33 05 33 63-0010	LF	1-1/2" Schedule 80, ASTM F2160, UL 651-A, NEMA TC-7, Smooth Interior Wall HDPE Conduit, Pulled In Place By Boring Machine	4.83	
		For Up To 250, Add	*0.20*	
		For >250 To 500, Add	*0.13*	
33 05 33 63-0011	LF	2" Schedule 80, ASTM F2160, UL 651-A, NEMA TC-7, Smooth Interior Wall HDPE Conduit, Pulled In Place By Boring Machine	5.51	
		For Up To 250, Add	*0.26*	
		For >250 To 500, Add	*0.17*	
33 05 33 63-0012	LF	3" Schedule 80, ASTM F2160, UL 651-A, NEMA TC-7, Smooth Interior Wall HDPE Conduit, Pulled In Place By Boring Machine	7.73	
		For Up To 250, Add	*0.55*	
		For >250 To 500, Add	*0.37*	
33 05 33 63-0013	LF	4" Schedule 80, ASTM F2160, UL 651-A, NEMA TC-7, Smooth Interior Wall HDPE Conduit, Pulled In Place By Boring Machine	9.81	
		For Up To 250, Add	*0.81*	
		For >250 To 500, Add	*0.54*	

33 05 39 Concrete Pipe *(33 05)*

33 05 39 13 Prestressed Concrete Pressure Pipe, Steel-Cylinder Type (AWWA C301) *(33 05 39)*

See CSI section 33 42 11 00-0040 for prestressed concrete pressure pipe.

33 05 39 41 Reinforced Concrete Pipe for Sewers and Culverts *(33 05 39)*

See CSI section 33 42 11 00-0001 for reinforced concrete pipe.

33 05 41 Vitrified Clay Utility Pipe *(33 05)*

See CSI section 33 42 11 00-0066 for vitrified clay piping.

33 05 61 Concrete Manholes *(33 05)*

33 05 61 00-0001 Manholes *(33 05 61)*

33 05 61 00-0002 Precast Concrete Manholes *(33 05 61 00-0001)*

Note: Includes base, riser(s), reducer and openings. Excludes excavation, aggregate, backfill and frame/cover. See CSI section 33 05 84 00-0002 for top slabs.

33 05 61 00-0003 3' Diameter, Precast Concrete Manholes *(33 05 61 00-0002)*

33 05 61 00-0004	EA	4' Deep, 3' Diameter, Precast Concrete Manhole	1,799.59	329.52
		For Bitumastic Coating, Add	*82.02*	
		For Epoxy Coating, Add	*156.73*	
33 05 61 00-0005	EA	6' Deep, 3' Diameter, Precast Concrete Manhole	2,454.09	473.31
		For Bitumastic Coating, Add	*123.03*	
		For Epoxy Coating, Add	*235.10*	
33 05 61 00-0006	EA	8' Deep, 3' Diameter, Precast Concrete Manhole	3,312.29	718.96
		For Bitumastic Coating, Add	*164.04*	
		For Epoxy Coating, Add	*313.46*	
33 05 61 00-0007	VLF	Riser For 3' Diameter, Precast Concrete Manhole Note: For depths greater than 8'.	351.21	83.88
		For Bitumastic Coating, Add	*20.50*	
		For Epoxy Coating, Add	*39.18*	
33 05 61 00-0008	VLF	Drop Collar For 3' Diameter, Precast Concrete Manhole	378.12	83.88
33 05 61 00-0009	EA	Drop Base For 3' Diameter, Precast Concrete Manhole	602.08	83.88
33 05 61 00-0010	EA	Extended Base Slab For 3' Diameter, Precast Concrete Manhole	481.81	83.88
33 05 61 00-0011	EA	Precast Channel For 3' Diameter, Precast Concrete Manhole	686.65	83.88

33 05 61 00-0012 4' Diameter, Precast Concrete Manholes *(33 05 61 00-0002)*

33 05 61 00-0013	EA	4' Deep, 4' Diameter, Precast Concrete Manhole	2,767.32	377.45
		For Bitumastic Coating, Add	*82.02*	
		For Epoxy Coating, Add	*156.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 61 00-0014	EA	6' Deep, 4' Diameter, Precast Concrete Manhole	3,691.74	515.26
		For Bitumastic Coating, Add	*123.03*	
		For Epoxy Coating, Add	*235.10*	
33 05 61 00-0015	EA	8' Deep, 4' Diameter, Precast Concrete Manhole	4,856.80	778.87
		For Bitumastic Coating, Add	*164.04*	
		For Epoxy Coating, Add	*313.46*	
33 05 61 00-0016	VLF	Riser For 4' Diameter, Precast Concrete Manhole Note: For depths greater than 8'.	517.61	98.86
		For Bitumastic Coating, Add	*20.50*	
		For Epoxy Coating, Add	*39.18*	
33 05 61 00-0017	VLF	Drop Collar For 4' Diameter, Precast Concrete Manhole	564.98	98.86
33 05 61 00-0018	EA	Drop Base For 4' Diameter, Precast Concrete Manhole	959.15	98.86
33 05 61 00-0019	EA	Extended Base Slab For 4' Diameter, Precast Concrete Manhole	747.48	98.86
33 05 61 00-0020	EA	Precast Channel For 4' Diameter, Precast Concrete Manhole	1,108.03	98.86
33 05 61 00-0021		5' Diameter, Precast Concrete Manholes *(33 05 61 00-0002)*		
33 05 61 00-0022	EA	4' Deep, 5' Diameter, Precast Concrete Manhole	5,249.27	419.39
		For Bitumastic Coating, Add	*105.68*	
		For Epoxy Coating, Add	*252.67*	
33 05 61 00-0023	EA	6' Deep, 5' Diameter, Precast Concrete Manhole	6,988.41	575.17
		For Bitumastic Coating, Add	*158.51*	
		For Epoxy Coating, Add	*379.00*	
33 05 61 00-0024	EA	8' Deep, 5' Diameter, Precast Concrete Manhole	8,994.30	862.75
		For Bitumastic Coating, Add	*211.35*	
		For Epoxy Coating, Add	*505.33*	
33 05 61 00-0025	VLF	Riser For 5' Diameter, Precast Concrete Manhole Note: For depths greater than 8'.	931.38	107.84
		For Bitumastic Coating, Add	*26.42*	
		For Epoxy Coating, Add	*63.17*	
33 05 61 00-0026		6' Diameter, Precast Concrete Manholes *(33 05 61 00-0002)*		
33 05 61 00-0027	EA	4' Deep, 6' Diameter, Precast Concrete Manhole	7,060.47	467.32
		For Bitumastic Coating, Add	*120.98*	
		For Epoxy Coating, Add	*295.81*	
33 05 61 00-0028	EA	6' Deep, 6' Diameter, Precast Concrete Manhole	9,190.70	635.08
		For Bitumastic Coating, Add	*181.48*	
		For Epoxy Coating, Add	*443.71*	
33 05 61 00-0029	EA	8' Deep, 6' Diameter, Precast Concrete Manhole	11,619.57	958.61
		For Bitumastic Coating, Add	*241.97*	
		For Epoxy Coating, Add	*591.61*	
33 05 61 00-0030	VLF	Riser For 6' Diameter, Precast Concrete Manhole Note: For depths greater than 8'.	1,133.30	119.83
		For Bitumastic Coating, Add	*30.25*	
		For Epoxy Coating, Add	*73.95*	
33 05 61 00-0031		7' Diameter, Precast Concrete Manholes *(33 05 61 00-0002)*		
33 05 61 00-0032	EA	4' Deep, 7' Diameter, Precast Concrete Manhole	11,170.25	515.26
		For Bitumastic Coating, Add	*257.28*	
		For Epoxy Coating, Add	*516.90*	
33 05 61 00-0033	EA	6' Deep, 7' Diameter, Precast Concrete Manhole	14,438.31	702.79
		For Bitumastic Coating, Add	*385.91*	
		For Epoxy Coating, Add	*775.35*	
33 05 61 00-0034	EA	8' Deep, 7' Diameter, Precast Concrete Manhole	18,034.68	1,054.48
		For Bitumastic Coating, Add	*514.55*	
		For Epoxy Coating, Add	*1,033.80*	
33 05 61 00-0035	VLF	Riser For 7' Diameter, Precast Concrete Manhole Note: For depths greater than 8'.	1,710.12	131.81
		For Bitumastic Coating, Add	*64.32*	
		For Epoxy Coating, Add	*129.22*	
33 05 61 00-0036		8' Diameter, Precast Concrete Manholes *(33 05 61 00-0002)*		
33 05 61 00-0037	EA	4' Deep, 8' Diameter, Precast Concrete Manhole	16,192.74	593.14
		For Bitumastic Coating, Add	*304.16*	
		For Epoxy Coating, Add	*630.05*	
33 05 61 00-0038	EA	6' Deep, 8' Diameter, Precast Concrete Manhole	20,989.13	808.83
		For Bitumastic Coating, Add	*456.23*	
		For Epoxy Coating, Add	*945.08*	
33 05 61 00-0039	EA	8' Deep, 8' Diameter, Precast Concrete Manhole	26,162.98	1,213.24
		For Bitumastic Coating, Add	*608.31*	
		For Epoxy Coating, Add	*1,260.11*	
33 05 61 00-0040	VLF	Riser For 8' Diameter, Precast Concrete Manhole Note: For depths greater than 8'.	2,482.08	149.78
		For Bitumastic Coating, Add	*76.04*	
		For Epoxy Coating, Add	*157.51*	

33 05 63 Concrete Vaults and Chambers *(33 05)*

33 05 63 00-0001 Underground Utility Vaults And Structures *(33 05 63)*

See CSI section 33 05 61 00-0001 for manholes, 33 05 81 00-0006 for frames and covers.

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0002			Precast Concrete Underground Utility Vault *(33 05 63 00-0001)* Note: Sizes given are for inside dimensions.		
33 05 63 00-0003			6' High Precast Concrete Underground Utility Vault *(33 05 63 00-0002)*		
33 05 63 00-0004		EA	4' x 4' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	3,802.04	
33 05 63 00-0005		EA	4' x 6' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	4,955.99	
33 05 63 00-0006		EA	5' x 10' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	8,176.23	
33 05 63 00-0007		EA	5' x 12' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	9,440.79	
33 05 63 00-0008		EA	6' x 6' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	6,333.52	
33 05 63 00-0009		EA	6' x 8' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	7,709.82	
33 05 63 00-0010		EA	6' x 10' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	9,087.36	
33 05 63 00-0011		EA	6' x 12' x 6' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	13,129.49	
33 05 63 00-0012		EA	6' x 14' x 6' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	13,129.49	
33 05 63 00-0013		EA	6' x 16' x 6' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	16,532.10	
33 05 63 00-0014		EA	8' x 8' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	9,310.95	
33 05 63 00-0015		EA	8' x 10' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	10,910.88	
33 05 63 00-0016		EA	8' x 12' x 6' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	15,596.17	
33 05 63 00-0017		EA	8' x 14' x 6' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	17,553.41	
33 05 63 00-0018			7' High Precast Concrete Underground Utility Vault *(33 05 63 00-0002)*		
33 05 63 00-0019		EA	4' x 4' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	4,263.33	
33 05 63 00-0020		EA	4' x 6' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	5,535.78	
33 05 63 00-0021		EA	4' x 8' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	6,684.15	
33 05 63 00-0022		EA	5' x 10' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	8,894.04	
33 05 63 00-0023		EA	5' x 12' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	10,255.07	
33 05 63 00-0024		EA	6' x 6' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	7,035.93	
33 05 63 00-0025		EA	6' x 8' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	8,380.60	
33 05 63 00-0026		EA	6' x 10' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	10,036.27	
33 05 63 00-0027		EA	6' x 12' x 7' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	14,277.91	
33 05 63 00-0028		EA	6' x 16' x 7' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	17,935.87	
33 05 63 00-0029		EA	8' x 8' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	10,076.97	
33 05 63 00-0030		EA	8' x 10' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	11,772.21	
33 05 63 00-0031		EA	8' x 12' x 7' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	16,872.98	
33 05 63 00-0032		EA	8' x 14' x 7' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	18,955.98	
33 05 63 00-0033		EA	10' x 10' x 7' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	17,127.41	
33 05 63 00-0034			8' High Precast Concrete Underground Utility Vault *(33 05 63 00-0002)*		
33 05 63 00-0035		EA	4' x 4' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	4,568.07	
33 05 63 00-0036		EA	4' x 6' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	5,913.83	
33 05 63 00-0037		EA	5' x 10' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	9,611.80	
33 05 63 00-0038		EA	5' x 12' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	11,068.15	
33 05 63 00-0039		EA	6' x 6' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	7,481.96	
33 05 63 00-0040		EA	6' x 8' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	9,050.11	
33 05 63 00-0041		EA	6' x 10' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	10,618.28	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0042	EA	6' x 12' x 8' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	15,426.33	
33 05 63 00-0043	EA	6' x 16' x 8' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	19,339.72	
33 05 63 00-0044	EA	8' x 8' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	10,841.81	
33 05 63 00-0045	EA	8' x 10' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	12,633.53	
33 05 63 00-0046	EA	8' x 12' x 8' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	18,148.47	
33 05 63 00-0047	EA	8' x 14' x 8' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	20,359.82	
33 05 63 00-0048	EA	10' x 10' x 8' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	18,403.82	
33 05 63 00-0049		10' High Precast Concrete Underground Utility Vault *(33 05 63 00-0002)*		
33 05 63 00-0050	EA	6' x 6' x 10' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	8,056.21	
33 05 63 00-0051	EA	6' x 8' x 10' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	9,719.63	
33 05 63 00-0052	EA	10' x 10' x 10' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	19,679.27	
33 05 63 00-0053		12' High Precast Concrete Underground Utility Vault *(33 05 63 00-0002)*		
33 05 63 00-0054	EA	6' x 6' x 12' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	8,630.43	
33 05 63 00-0055	EA	6' x 8' x 12' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	10,390.38	
33 05 63 00-0056		Meter Pit *(33 05 63 00-0001)*		
33 05 63 00-0057		Precast Concrete Meter Pit *(33 05 63 00-0056)*		
33 05 63 00-0058	EA	4' x 4' x 4' Deep Precast Concrete Meter Pit	3,859.69	
33 05 63 00-0059	EA	4' x 4' x 6' Deep Precast Concrete Meter Pit	5,241.51	
33 05 63 00-0060	EA	4' x 4' x 8' Deep Precast Concrete Meter Pit	6,592.25	
33 05 63 00-0061	EA	4' x 4' x 10' Deep Precast Concrete Meter Pit	8,174.30	
33 05 63 00-0062	EA	4' x 4' x 15' Deep Precast Concrete Meter Pit	11,320.60	
33 05 63 00-0063	EA	6' x 6' x 4' Deep Precast Concrete Meter Pit	5,860.17	
33 05 63 00-0064	EA	6' x 6' x 6' Deep Precast Concrete Meter Pit	8,174.30	
33 05 63 00-0065	EA	6' x 6' x 8' Deep Precast Concrete Meter Pit	10,543.02	
33 05 63 00-0066	EA	6' x 6' x 10' Deep Precast Concrete Meter Pit	13,152.33	
33 05 63 00-0067	EA	6' x 6' x 15' Deep Precast Concrete Meter Pit	18,752.86	
33 05 63 00-0068		Handhole Or Pull Box Enclosures *(33 05 63 00-0001)*		
33 05 63 00-0069		Polymer Concrete Handhole Enclosures *(33 05 63 00-0068)*		
33 05 63 00-0070		Polymer Concrete Handhole Enclosures *(33 05 63 00-0069)* Note: Excludes cover See CSI section 33 05 63 00-0290 for covers.		
33 05 63 00-0071		Flared Sides, Polymer Concrete Handhole Enclosures *(33 05 63 00-0070)*		
33 05 63 00-0072		Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosures *(33 05 63 00-0071)*		
33 05 63 00-0073	EA	12" x 12", 24" Depth, 15,000 Lb. Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	401.84	27.81
33 05 63 00-0074	EA	10" x 15", 18" Depth, 15,000 Lb. Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	342.61	61.76
33 05 63 00-0075	EA	13" x 24", 18" Depth, 15,000 Lb. Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	523.28	92.65
33 05 63 00-0076	EA	17" x 30", 18" Depth, 15,000 Lb. Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	609.98	92.65
33 05 63 00-0077	EA	13" x 24", 18" Depth, 22,500 Lb. Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	581.33	92.65
33 05 63 00-0078	EA	13" x 24", 26" Depth, 22,500 Lb. Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	706.38	92.65
33 05 63 00-0079	EA	17" x 30", 18" Depth, 22,500 Lb. Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	687.51	92.65
33 05 63 00-0080	EA	17" x 30", 26" Depth, 22,500 Lb. Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	940.72	92.65
33 05 63 00-0081	EA	27" Round, 36" Depth, 22,500 Lb. Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,337.07	123.53
33 05 63 00-0082	EA	27" Round, 48" Depth, 22,500 Lb. Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,882.00	123.53
33 05 63 00-0083	EA	24" x 36", 18" Depth, 22,500 Lb. Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,207.23	169.85
33 05 63 00-0084	EA	24" x 36", 26" Depth, 22,500 Lb. Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,377.88	169.85
33 05 63 00-0085	EA	24" x 36", 48" Depth, 22,500 Lb. Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	2,265.63	169.85

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0086	EA	39" Round, 18" Depth, 22,500 Lb. Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,288.72	185.29
33 05 63 00-0087	EA	39" Round, 24" Depth, 22,500 Lb. Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,847.70	185.29
33 05 63 00-0088	EA	39" Round, 36" Depth, 22,500 Lb. Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	2,304.82	185.29
33 05 63 00-0089	EA	39" Round, 48" Depth, 22,500 Lb. Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	3,385.99	185.29
33 05 63 00-0090	EA	30" x 48", 24" Depth, 22,500 Lb. Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,840.78	273.64
33 05 63 00-0091	EA	30" x 48", 48" Depth, 22,500 Lb. Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	2,682.08	273.64
33 05 63 00-0092		Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosures *(33 05 63 00-0071)*		
33 05 63 00-0093	EA	12" x 12", 24" Depth, 15,000 Lb. Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	515.11	27.81
33 05 63 00-0094	EA	13" x 24", 18" Depth, 15,000 Lb. Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	658.18	92.65
33 05 63 00-0095	EA	17" x 30", 18" Depth, 15,000 Lb. Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	797.75	92.65
33 05 63 00-0096	EA	13" x 24", 18" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	735.28	92.65
33 05 63 00-0097	EA	13" x 24", 26" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	842.15	92.65
33 05 63 00-0098	EA	17" x 30", 18" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	870.18	92.65
33 05 63 00-0099	EA	17" x 30", 26" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,124.96	92.65
33 05 63 00-0100	EA	24" x 36", 18" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,494.10	169.85
33 05 63 00-0101	EA	24" x 36", 26" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,664.75	169.85
33 05 63 00-0102	EA	24" x 36", 48" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	2,552.53	169.85
33 05 63 00-0103	EA	30" x 48", 24" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	2,176.01	273.64
33 05 63 00-0104	EA	30" x 48", 48" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	3,023.71	273.64
33 05 63 00-0105		Straight Sides, Polymer Concrete Handhole Enclosures *(33 05 63 00-0070)*		
33 05 63 00-0106		Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosures *(33 05 63 00-0105)*		
33 05 63 00-0107	EA	5" x 16", 12" Depth, 5,000 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	660.87	27.81
33 05 63 00-0108	EA	10" x 12", 15" Depth, 5,000 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	558.35	27.81
33 05 63 00-0109	EA	13" x 24", 12" Depth, 5,000 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	447.62	92.65
33 05 63 00-0110	EA	17" x 30", 12" Depth, 5,000 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	508.11	92.65
33 05 63 00-0111	EA	6" x 8", 6" Depth, 15,000 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	153.39	27.81
33 05 63 00-0112	EA	12" x 12", 12" Depth, 15,000 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	239.12	27.81
33 05 63 00-0113	EA	8" x 18", 7" Depth, 15,000 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	387.92	27.81
33 05 63 00-0114	EA	8" x 18", 8" Depth, 15,000 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	405.93	27.81
33 05 63 00-0115	EA	11" x 18", 12" Depth, 15,000 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	336.33	61.76
33 05 63 00-0116	EA	11" x 18", 18" Depth, 15,000 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	363.95	61.76
33 05 63 00-0117	EA	8" x 8", 12" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	235.44	27.81
33 05 63 00-0118	EA	8" x 8", 18" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	269.18	27.81
33 05 63 00-0119	EA	11" x 18", 12" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	361.08	61.76
33 05 63 00-0120	EA	11" x 18", 18" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	407.52	61.76
33 05 63 00-0121	EA	11" x 20", 12" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	377.46	61.76
33 05 63 00-0122	EA	13" x 24", 12" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	450.43	92.65
33 05 63 00-0123	EA	13" x 24", 18" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	495.98	92.65
33 05 63 00-0124	EA	17" x 30", 12" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	529.86	92.65
33 05 63 00-0125	EA	17" x 30", 18" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	580.87	92.65
33 05 63 00-0126	EA	17" x 30", 22" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	682.61	92.65
33 05 63 00-0127	EA	17" x 30", 24" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	744.32	92.65
33 05 63 00-0128	EA	17" x 30", 28" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	811.85	92.65

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0129	EA	17" x 30", 30" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	854.31	92.65
33 05 63 00-0130	EA	24" x 24", 24" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,016.97	123.53
33 05 63 00-0131	EA	24" x 36", 18" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,022.37	169.85
33 05 63 00-0132	EA	24" x 36", 24" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,318.12	169.85
33 05 63 00-0133	EA	24" x 36", 30" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,591.21	169.85
33 05 63 00-0134	EA	24" x 36", 36" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,763.67	169.85
33 05 63 00-0135	EA	24" x 36", 42" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,935.22	169.85
33 05 63 00-0136	EA	36" x 36", 36" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,169.00	273.64
33 05 63 00-0137	EA	30" x 48", 18" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,564.41	273.64
33 05 63 00-0138	EA	30" x 48", 24" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,783.45	273.64
33 05 63 00-0139	EA	30" x 48", 36" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,202.30	273.64
33 05 63 00-0140	EA	30" x 60", 21" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,198.00	273.64
33 05 63 00-0141	EA	30" x 60", 30" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,354.35	273.64
33 05 63 00-0142	EA	30" x 60", 36" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,655.03	273.64
33 05 63 00-0143	EA	36" x 60", 19" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,433.88	293.19
33 05 63 00-0144	EA	36" x 60", 24" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,646.17	293.19
33 05 63 00-0145	EA	36" x 60", 31" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,917.20	293.19
33 05 63 00-0146	EA	36" x 60", 36" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,025.65	293.19
33 05 63 00-0147	EA	48" x 48", 36" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,063.35	293.19
33 05 63 00-0148	EA	48" x 48", 48" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,476.32	293.19
33 05 63 00-0149	EA	36" x 72", 21" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,674.31	293.19
33 05 63 00-0150	EA	36" x 72", 36" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,544.48	293.19
33 05 63 00-0151	EA	48" x 72", 36" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,993.01	312.73
33 05 63 00-0152	EA	48" x 72", 48" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	4,939.79	312.73
33 05 63 00-0153	EA	48" x 96", 48" Depth, 22,500 Lb. Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	6,350.78	312.73
33 05 63 00-0154		**Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosures** *(33 05 63 00-0105)*		
33 05 63 00-0155	EA	13" x 24", 12" Depth, 5,000 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	604.67	92.65
33 05 63 00-0156	EA	17" x 30", 12" Depth, 5,000 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	694.41	92.65
33 05 63 00-0157	EA	6" x 8", 6" Depth, 15,000 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	260.95	27.81
33 05 63 00-0158	EA	12" x 12", 12" Depth, 15,000 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	378.12	27.81
33 05 63 00-0159	EA	8" x 18", 7" Depth, 15,000 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	507.64	27.81
33 05 63 00-0160	EA	8" x 18", 8" Depth, 15,000 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	525.67	27.81
33 05 63 00-0161	EA	10" x 15", 18" Depth, 15,000 Lb. Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	454.26	61.76
33 05 63 00-0162	EA	11" x 18", 12" Depth, 15,000 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	473.48	61.76
33 05 63 00-0163	EA	11" x 18", 18" Depth, 15,000 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	499.18	61.76
33 05 63 00-0164	EA	8" x 8", 12" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	352.72	27.81
33 05 63 00-0165	EA	8" x 8", 18" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	417.22	27.81
33 05 63 00-0166	EA	11" x 18", 12" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	498.56	61.76
33 05 63 00-0167	EA	11" x 18", 18" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	545.00	61.76
33 05 63 00-0168	EA	11" x 20", 12" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	516.40	61.76
33 05 63 00-0169	EA	13" x 24", 12" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	603.81	92.65

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0170	EA	13" x 24", 18" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	649.92	92.65
33 05 63 00-0171	EA	17" x 30", 12" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	712.88	92.65
33 05 63 00-0172	EA	17" x 30", 18" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	763.57	92.65
33 05 63 00-0173	EA	17" x 30", 22" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	865.01	92.65
33 05 63 00-0174	EA	17" x 30", 24" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	926.99	92.65
33 05 63 00-0175	EA	17" x 30", 28" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	994.23	92.65
33 05 63 00-0176	EA	17" x 30", 30" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,036.99	92.65
33 05 63 00-0177	EA	24" x 24", 24" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,269.31	123.53
33 05 63 00-0178	EA	24" x 36", 18" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,309.26	169.85
33 05 63 00-0179	EA	24" x 36", 24" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,604.67	169.85
33 05 63 00-0180	EA	24" x 36", 30" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,877.46	169.85
33 05 63 00-0181	EA	24" x 36", 36" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,049.65	169.85
33 05 63 00-0182	EA	24" x 36", 42" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,221.76	169.85
33 05 63 00-0183	EA	30" x 48", 18" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,896.48	273.64
33 05 63 00-0184	EA	30" x 48", 24" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,115.84	273.64
33 05 63 00-0185	EA	30" x 48", 36" Depth, 22,500 Lb. Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,534.37	273.64

33 05 63 00-0186 Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosures *(33 05 63 00-0105)*

33 05 63 00-0187	EA	13" x 24", 12" Depth, 5,000 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	554.52	92.65
33 05 63 00-0188	EA	17" x 30", 12" Depth, 5,000 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	646.75	92.65
33 05 63 00-0189	EA	6" x 8", 6" Depth, 15,000 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	192.39	27.81
33 05 63 00-0190	EA	12" x 12", 12" Depth, 15,000 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	317.92	27.81
33 05 63 00-0191	EA	8" x 18", 7" Depth, 15,000 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	457.54	27.81
33 05 63 00-0192	EA	8" x 18", 8" Depth, 15,000 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	475.90	27.81
33 05 63 00-0193	EA	11" x 18", 12" Depth, 15,000 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	421.28	61.76
33 05 63 00-0194	EA	11" x 18", 18" Depth, 15,000 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	474.73	61.76
33 05 63 00-0195	EA	8" x 8", 18" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	277.95	27.81
33 05 63 00-0196	EA	11" x 18", 12" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	447.54	61.76
33 05 63 00-0197	EA	11" x 18", 18" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	514.13	61.76
33 05 63 00-0198	EA	11" x 20", 12" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	464.85	61.76
33 05 63 00-0199	EA	13" x 24", 12" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	596.74	92.65
33 05 63 00-0200	EA	13" x 24", 18" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	687.78	92.65
33 05 63 00-0201	EA	17" x 30", 12" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	718.05	92.65
33 05 63 00-0202	EA	17" x 30", 18" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	790.14	92.65
33 05 63 00-0203	EA	17" x 30", 22" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	856.45	92.65
33 05 63 00-0204	EA	17" x 30", 24" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	919.06	92.65
33 05 63 00-0205	EA	17" x 30", 28" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,031.16	92.65
33 05 63 00-0206	EA	17" x 30", 30" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,046.79	92.65
33 05 63 00-0207	EA	24" x 24", 24" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,288.87	123.53
33 05 63 00-0208	EA	24" x 36", 18" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,334.61	169.85
33 05 63 00-0209	EA	24" x 36", 24" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,660.85	169.85
33 05 63 00-0210	EA	24" x 36", 30" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,983.50	169.85
33 05 63 00-0211	EA	24" x 36", 36" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,197.80	169.85
33 05 63 00-0212	EA	24" x 36", 42" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,412.10	169.85

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0213	EA	36" x 36", 36" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,568.27	273.64
33 05 63 00-0214	EA	30" x 48", 18" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,963.71	273.64
33 05 63 00-0215	EA	30" x 48", 24" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,199.84	273.64
33 05 63 00-0216	EA	30" x 48", 36" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,618.40	273.64
33 05 63 00-0217	EA	30" x 60", 21" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,803.02	273.64
33 05 63 00-0218	EA	30" x 60", 30" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,860.83	273.64
33 05 63 00-0219	EA	30" x 60", 36" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,421.69	273.64
33 05 63 00-0220	EA	36" x 60", 19" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,167.82	293.19
33 05 63 00-0221	EA	36" x 60", 24" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,277.51	293.19
33 05 63 00-0222	EA	36" x 60", 31" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,588.67	293.19
33 05 63 00-0223	EA	36" x 60", 36" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,824.18	293.19
33 05 63 00-0224	EA	36" x 72", 21" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,509.39	293.19
33 05 63 00-0225	EA	36" x 72", 36" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	4,351.64	293.19
33 05 63 00-0226	EA	48" x 48", 36" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,771.62	293.19
33 05 63 00-0227	EA	48" x 48", 48" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	4,149.53	293.19
33 05 63 00-0228	EA	48" x 72", 36" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	5,032.50	312.73
33 05 63 00-0229	EA	48" x 72", 48" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	5,979.66	312.73
33 05 63 00-0230	EA	48" x 96", 48" Depth, 22,500 Lb. Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	8,081.57	312.73
33 05 63 00-0231		Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosures *(33 05 63 00-0105)*		
33 05 63 00-0232	EA	13" x 24", 12" Depth, 5,000 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	711.55	92.65
33 05 63 00-0233	EA	17" x 30", 12" Depth, 5,000 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	833.41	92.65
33 05 63 00-0234	EA	6" x 8", 6" Depth, 15,000 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	299.08	27.81
33 05 63 00-0235	EA	12" x 12", 12" Depth, 15,000 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	456.65	27.81
33 05 63 00-0236	EA	8" x 18", 7" Depth, 15,000 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	577.01	27.81
33 05 63 00-0237	EA	8" x 18", 8" Depth, 15,000 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	595.61	27.81
33 05 63 00-0238	EA	11" x 18", 12" Depth, 15,000 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	558.76	61.76
33 05 63 00-0239	EA	11" x 18", 18" Depth, 15,000 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	611.88	61.76
33 05 63 00-0240	EA	8" x 8", 18" Depth, 22,500 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	430.41	27.81
33 05 63 00-0241	EA	11" x 18", 12" Depth, 22,500 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	584.40	61.76
33 05 63 00-0242	EA	11" x 18", 18" Depth, 22,500 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	650.99	61.76
33 05 63 00-0243	EA	11" x 20", 12" Depth, 22,500 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	564.55	61.76
33 05 63 00-0244	EA	13" x 24", 12" Depth, 22,500 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	750.74	92.65
33 05 63 00-0245	EA	13" x 24", 18" Depth, 22,500 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	841.78	92.65
33 05 63 00-0246	EA	17" x 30", 12" Depth, 22,500 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	900.73	92.65
33 05 63 00-0247	EA	17" x 30", 18" Depth, 22,500 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	972.84	92.65
33 05 63 00-0248	EA	17" x 30", 22" Depth, 22,500 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,039.13	92.65
33 05 63 00-0249	EA	17" x 30", 24" Depth, 22,500 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,101.76	92.65
33 05 63 00-0250	EA	17" x 30", 28" Depth, 22,500 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,213.89	92.65
33 05 63 00-0251	EA	17" x 30", 30" Depth, 22,500 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,229.46	92.65
33 05 63 00-0252	EA	24" x 24", 24" Depth, 22,500 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,540.89	123.53
33 05 63 00-0253	EA	24" x 36", 18" Depth, 22,500 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,621.48	169.85

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0254	EA	24" x 36", 24" Depth, 22,500 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,947.43	169.85
33 05 63 00-0255	EA	24" x 36", 30" Depth, 22,500 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,269.72	169.85
33 05 63 00-0256	EA	24" x 36", 36" Depth, 22,500 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,484.18	169.85
33 05 63 00-0257	EA	24" x 36", 42" Depth, 22,500 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,698.65	169.85
33 05 63 00-0258	EA	30" x 48", 18" Depth, 22,500 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,296.08	273.64
33 05 63 00-0259	EA	30" x 48", 24" Depth, 22,500 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,532.53	273.64
33 05 63 00-0260	EA	30" x 48", 36" Depth, 22,500 Lb. Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,950.79	273.64
33 05 63 00-0261		**Footed, Straight Sides, Polymer Concrete Handhole Enclosures** *(33 05 63 00-0105)*		
33 05 63 00-0262	EA	17" x 30", 12" Depth, 5,000 Lb. Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	592.81	92.65
33 05 63 00-0263	EA	11" x 18", 12" Depth, 15,000 Lb. Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	400.48	61.76
33 05 63 00-0264	EA	11" x 18", 18" Depth, 15,000 Lb. Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	451.82	61.76
33 05 63 00-0265	EA	13" x 24", 12" Depth, 15,000 Lb. Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	526.17	92.65
33 05 63 00-0266	EA	11" x 18", 12" Depth, 22,500 Lb. Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	417.30	61.76
33 05 63 00-0267	EA	11" x 18", 18" Depth, 22,500 Lb. Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	466.47	61.76
33 05 63 00-0268		**Polymer Concrete Handhole Enclosure Extensions** *(33 05 63 00-0069)*		
		Note: Excludes bases See CSI section 33 05 63 00-0070 for bases.		
33 05 63 00-0269	EA	13" x 24", 8" Extension, 22,500 Lb. Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	430.59	92.65
33 05 63 00-0270	EA	17" x 30", 8" Extension, 22,500 Lb. Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	484.09	92.65
33 05 63 00-0271	EA	24" x 24", 6" Extension, 22,500 Lb. Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	553.87	123.53
33 05 63 00-0272	EA	24" x 24", 12" Extension, 22,500 Lb. Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	606.40	123.53
33 05 63 00-0273	EA	24" x 36", 8" Extension, 22,500 Lb. Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	716.02	169.85
33 05 63 00-0274	EA	36" x 36", 12" Extension, 22,500 Lb. Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	1,252.79	273.64
33 05 63 00-0275	EA	30" x 48", 8" Extension, 22,500 Lb. Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	1,195.36	273.64
33 05 63 00-0276	EA	30" x 48", 11" Extension, 22,500 Lb. Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	1,207.89	273.64
33 05 63 00-0277	EA	36" x 60", 12" Extension, 22,500 Lb. Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	1,640.36	293.19
33 05 63 00-0278	EA	48" x 72", 12" Extension, 22,500 Lb. Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	2,625.72	312.73
33 05 63 00-0279	EA	48" x 96", 12" Extension, 22,500 Lb. Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	3,460.02	312.73
33 05 63 00-0280	EA	13" x 24", 8" Extension, 22,500 Lb. Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension	711.34	92.65
33 05 63 00-0281	EA	17" x 30", 8" Extension, 22,500 Lb. Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension	744.02	92.65
33 05 63 00-0282	EA	24" x 24", 6" Extension, 22,500 Lb. Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension	793.35	123.53
33 05 63 00-0283	EA	24" x 24", 12" Extension, 22,500 Lb. Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension	846.45	123.53
33 05 63 00-0284	EA	24" x 36", 8" Extension, 22,500 Lb. Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension	978.69	169.85
33 05 63 00-0285	EA	30" x 48", 8" Extension, 22,500 Lb. Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension	1,566.55	273.64
33 05 63 00-0286	EA	13" x 24", 3" Extension, 22,500 Lb. Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Grade Adjustable Extension	551.55	92.65
33 05 63 00-0287	EA	17" x 30", 3" Extension, 22,500 Lb. Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Grade Adjustable Extension	616.02	92.65
33 05 63 00-0288	EA	24" x 36", 4" Extension, 22,500 Lb. Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Grade Adjustable Extension	808.53	169.85
33 05 63 00-0289	EA	36" x 60", 3" Extension, 22,500 Lb. Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Grade Adjustable Extension	1,578.87	293.19
33 05 63 00-0290		**Polymer Concrete Handhole Enclosure Covers** *(33 05 63 00-0069)*		
33 05 63 00-0291		**Polymer Concrete Handhole Enclosure Covers** *(33 05 63 00-0290)*		
33 05 63 00-0292	EA	5" x 16", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	155.56	12.36
33 05 63 00-0293	EA	10" x 12", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	157.62	12.36
33 05 63 00-0294	EA	12" x 12", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	145.84	12.36
33 05 63 00-0295	EA	8" x 18", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	158.02	12.36
33 05 63 00-0296	EA	11" x 18", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	159.59	12.35
33 05 63 00-0297	EA	13" x 24", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	183.58	12.35
33 05 63 00-0298	EA	17" x 30", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	213.25	12.35
33 05 63 00-0299	EA	30" x 59", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	1,409.35	35.18
33 05 63 00-0300	EA	30" x 60", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	1,232.39	35.18

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0301	EA	36" x 60", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	1,848.76	35.18
33 05 63 00-0302	EA	48" x 48", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	1,869.77	35.18
33 05 63 00-0303	EA	36" x 72", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	2,119.17	35.18
33 05 63 00-0304	EA	48" x 72", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	2,309.67	35.18
33 05 63 00-0305	EA	48" x 96", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	3,716.13	35.18
33 05 63 00-0306	EA	10" x 15", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	132.75	12.35
33 05 63 00-0307	EA	11" x 18", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	191.65	12.35
33 05 63 00-0308	EA	11" x 20", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	194.38	12.35
33 05 63 00-0309	EA	13" x 24", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	245.42	12.35
33 05 63 00-0310	EA	13" x 24", 8,000 Lb. Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover	184.33	12.35
33 05 63 00-0311	EA	17" x 30", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	290.94	12.35
33 05 63 00-0312	EA	17" x 30", 8,000 Lb. Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover	227.71	12.35
33 05 63 00-0313	EA	27" Round, 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	470.83	12.35
33 05 63 00-0314	EA	24" x 24", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	410.47	18.53
33 05 63 00-0315	EA	24" x 36", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	515.70	18.53
33 05 63 00-0316	EA	39" Round, 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	665.28	21.62
33 05 63 00-0317	EA	36" x 36", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	933.68	27.37
33 05 63 00-0318	EA	30" x 48", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	969.52	52.12
33 05 63 00-0319	EA	11" x 18", 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	248.48	12.35
33 05 63 00-0320	EA	13" x 24", 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	355.72	12.35
33 05 63 00-0321	EA	17" x 30", 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	405.22	12.35
33 05 63 00-0322	EA	27" Round, 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	676.00	12.35
33 05 63 00-0323	EA	24" x 24", 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	555.12	18.53
33 05 63 00-0324	EA	39" Round, 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	940.81	21.62
33 05 63 00-0325	EA	36" x 36", 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	1,232.14	27.37
33 05 63 00-0326	EA	30" x 59", 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	1,663.05	35.18
33 05 63 00-0327	EA	30" x 60", 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	1,477.65	35.18
33 05 63 00-0328	EA	36" x 60", 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	2,067.23	35.18
33 05 63 00-0329	EA	48" x 48", 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	2,694.26	35.18
33 05 63 00-0330	EA	36" x 72", 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	2,579.88	35.18
33 05 63 00-0331	EA	48" x 72", 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	3,920.33	35.18
33 05 63 00-0332	EA	48" x 96", 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	6,059.82	35.18
33 05 63 00-0333	EA	11" x 18", 22,500 Lb. Design Load, Extra Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	327.93	12.35
33 05 63 00-0334	EA	11" x 20", 22,500 Lb. Design Load, Extra Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	358.91	12.35
33 05 63 00-0335	EA	13" x 24", 22,500 Lb. Design Load, Extra Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	473.64	12.35
33 05 63 00-0336	EA	17" x 30", 22,500 Lb. Design Load, Extra Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	540.23	12.35
33 05 63 00-0337	EA	27" Round, 22,500 Lb. Design Load, Extra Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	936.20	12.35
33 05 63 00-0338	EA	24" x 24", 22,500 Lb. Design Load, Extra Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	677.74	18.53
33 05 63 00-0339	EA	24" x 36", 22,500 Lb. Design Load, Extra Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	928.43	18.53
33 05 63 00-0340	EA	39" Round, 22,500 Lb. Design Load, Extra Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	1,441.41	21.62
33 05 63 00-0341	EA	36" x 36", 22,500 Lb. Design Load, Extra Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	1,647.61	27.37
33 05 63 00-0342	EA	30" x 48", 22,500 Lb. Design Load, Extra Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	1,713.40	52.12
33 05 63 00-0343	EA	30" x 60", 22,500 Lb. Design Load, Extra Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	1,982.26	35.18
33 05 63 00-0344	EA	36" x 60", 22,500 Lb. Design Load, Extra Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	2,770.54	35.18
33 05 63 00-0345	EA	48" x 48", 22,500 Lb. Design Load, Extra Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	3,879.31	35.18
33 05 63 00-0346	EA	36" x 72", 22,500 Lb. Design Load, Extra Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	3,460.86	35.18
33 05 63 00-0347	EA	48" x 72", 22,500 Lb. Design Load, Extra Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	5,740.64	35.18
33 05 63 00-0348	EA	48" x 96", 22,500 Lb. Design Load, Extra Heavy-Duty, Polymer Concrete Handhole Enclosure Cover	8,865.12	35.18

33 05 63 00-0349 Polymer Concrete Handhole Enclosure Covers With Gaskets *(33 05 63 00-0290)*

33 05 63 00-0350	EA	12" x 12", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	179.15	12.36
33 05 63 00-0351	EA	8" x 18", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	189.52	12.36
33 05 63 00-0352	EA	11" x 18", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	192.89	12.35
33 05 63 00-0353	EA	13" x 24", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	194.16	12.35
33 05 63 00-0354	EA	17" x 30", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	224.57	12.35
33 05 63 00-0355	EA	10" x 15", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	142.31	12.35
33 05 63 00-0356	EA	11" x 18", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	201.45	12.35
33 05 63 00-0357	EA	11" x 20", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	203.34	12.35
33 05 63 00-0358	EA	13" x 24", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	255.52	12.35
33 05 63 00-0359	EA	13" x 24", 8,000 Lb. Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover With Gasket	195.33	12.35
33 05 63 00-0360	EA	17" x 30", 8,000 Lb. Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover With Gasket	239.33	12.35
33 05 63 00-0361	EA	17" x 30", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	301.64	12.35
33 05 63 00-0362	EA	24" x 24", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	417.65	18.53
33 05 63 00-0363	EA	24" x 36", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	526.72	18.53
33 05 63 00-0364	EA	30" x 48", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	980.84	52.12
33 05 63 00-0365	EA	6" x 8", 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	118.00	12.36
33 05 63 00-0366	EA	8" x 8", 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	186.27	12.36
33 05 63 00-0367	EA	8" x 18", 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	207.55	12.36
33 05 63 00-0368	EA	12" x 12", 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	198.10	12.36
33 05 63 00-0369	EA	10" x 15", 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	162.64	12.35
33 05 63 00-0370	EA	11" x 18", 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	258.26	12.35
33 05 63 00-0371	EA	11" x 20", 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	280.36	12.35
33 05 63 00-0372	EA	13" x 24", 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	366.11	12.35
33 05 63 00-0373	EA	17" x 30", 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	416.51	12.35
33 05 63 00-0374	EA	24" x 24", 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	565.22	18.53
33 05 63 00-0375	EA	24" x 36", 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	706.93	18.53
33 05 63 00-0376	EA	30" x 48", 15,000 Lb. Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	1,293.95	52.12

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0377		**Polymer Concrete Handhole Enclosure Covers Without Bolts** *(33 05 63 00-0290)*		
33 05 63 00-0378	EA	6" x 9", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	94.52	12.36
33 05 63 00-0379	EA	7" x 13", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	112.88	12.36
33 05 63 00-0380	EA	12" x 12", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	137.61	12.36
33 05 63 00-0381	EA	8" x 18", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	148.60	12.36
33 05 63 00-0382	EA	11" x 18", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	148.29	12.35
33 05 63 00-0383	EA	13" x 24", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	176.45	12.35
33 05 63 00-0384	EA	17" x 30", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	204.13	12.35
33 05 63 00-0385	EA	24" x 36", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	497.66	18.53
33 05 63 00-0386	EA	30" x 48", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	928.31	52.12
33 05 63 00-0387	EA	30" x 59", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	1,393.89	35.18
33 05 63 00-0388	EA	30" x 60", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	1,214.93	35.18
33 05 63 00-0389	EA	48" x 48", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	1,820.03	35.18
33 05 63 00-0390	EA	36" x 60", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	1,756.04	35.18
33 05 63 00-0391	EA	36" x 72", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	2,102.49	35.18
33 05 63 00-0392	EA	48" x 72", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	2,248.03	35.18
33 05 63 00-0393	EA	48" x 96", 5,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	3,597.69	35.18
33 05 63 00-0394	EA	10" x 15", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	127.52	12.35
33 05 63 00-0395	EA	10" x 16", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	124.46	12.35
33 05 63 00-0396	EA	11" x 20", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	185.04	12.35
33 05 63 00-0397	EA	11" x 21", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	203.59	12.35
33 05 63 00-0398	EA	13" x 24", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	230.77	12.35
33 05 63 00-0399	EA	13" x 24", 8,000 Lb. Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover Without Bolts	174.86	12.35
33 05 63 00-0400	EA	18" x 19", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	195.33	12.35
33 05 63 00-0401	EA	17" x 30", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	278.11	12.35
33 05 63 00-0402	EA	24" x 24", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	402.16	18.53
33 05 63 00-0403	EA	20" x 42", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	503.38	18.53
33 05 63 00-0404	EA	24" x 36", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	497.36	18.53
33 05 63 00-0405	EA	36" x 36", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	896.10	27.37
33 05 63 00-0406	EA	30" x 48", 8,000 Lb. Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	928.31	31.27
33 05 63 00-0407		**Overlapping, Polymer Concrete Handhole Enclosure Covers** *(33 05 63 00-0290)*		
33 05 63 00-0408	EA	30" x 60", 5,000 Lb. Design Load, Standard Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover	1,451.54	35.18
33 05 63 00-0409	EA	36" x 60", 5,000 Lb. Design Load, Standard Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover	2,104.63	35.18
33 05 63 00-0410	EA	30" x 48", 8,000 Lb. Design Load, Standard Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover	1,217.56	52.12
33 05 63 00-0411	EA	30" x 48", 15,000 Lb. Design Load, Heavy-Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover	1,616.24	52.12
33 05 63 00-0412	EA	30" x 60", 15,000 Lb. Design Load, Heavy-Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover	1,725.77	35.18
33 05 63 00-0413	EA	36" x 60", 15,000 Lb. Design Load, Heavy-Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover	2,354.32	35.18
33 05 63 00-0414		**Split, Polymer Concrete Handhole Enclosure Covers** *(33 05 63 00-0290)*		
33 05 63 00-0415	EA	24" x 36", 8,000 Lb. Design Load, Standard Duty, Split, Polymer Concrete Handhole Enclosure Cover	565.41	18.53
33 05 63 00-0416	EA	36" x 36", 8,000 Lb. Design Load, Standard Duty, Split, Polymer Concrete Handhole Enclosure Cover	1,051.31	27.37
33 05 63 00-0417	EA	30" x 48", 8,000 Lb. Design Load, Standard Duty, Split, Polymer Concrete Handhole Enclosure Cover	1,098.77	52.12
33 05 63 00-0418	EA	6" x 8", 15,000 Lb. Design Load, Heavy-Duty, Split, Polymer Concrete Handhole Enclosure Cover	89.41	12.36
33 05 63 00-0419	EA	8" x 8", 15,000 Lb. Design Load, Heavy-Duty, Split, Polymer Concrete Handhole Enclosure Cover	149.58	12.36
33 05 63 00-0420	EA	12" x 12", 15,000 Lb. Design Load, Heavy-Duty, Split, Polymer Concrete Handhole Enclosure Cover	164.79	12.36
33 05 63 00-0421	EA	8" x 18", 15,000 Lb. Design Load, Heavy-Duty, Split, Polymer Concrete Handhole Enclosure Cover	174.87	12.36
33 05 63 00-0422	EA	10" x 15", 15,000 Lb. Design Load, Heavy-Duty, Split, Polymer Concrete Handhole Enclosure Cover	153.17	12.35
33 05 63 00-0423	EA	11" x 20", 15,000 Lb. Design Load, Heavy-Duty, Split, Polymer Concrete Handhole Enclosure Cover	271.39	12.35
33 05 63 00-0424	EA	24" x 36", 15,000 Lb. Design Load, Heavy-Duty, Split, Polymer Concrete Handhole Enclosure Cover	758.70	18.53
33 05 63 00-0425	EA	36" x 36", 15,000 Lb. Design Load, Heavy-Duty, Split, Polymer Concrete Handhole Enclosure Cover	1,399.90	27.37
33 05 63 00-0426	EA	30" x 48", 15,000 Lb. Design Load, Heavy-Duty, Split, Polymer Concrete Handhole Enclosure Cover	1,466.58	52.12
33 05 63 00-0427		**Precast Concrete Handholes With Steel Cover** *(33 05 63 00-0068)*		
		Note: 8000 To 12000 pound traffic rated top. Includes cover stamped with utility (Electrical, Sewer, Water, Etc.).		
33 05 63 00-0428	EA	12" x 12" x 12" Precast Concrete Handholes With Steel Cover	1,071.70	256.06
		Note: 8000 To 12000 pound traffic rated top.		
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*18.00*	
33 05 63 00-0429	EA	12" x 24" x 21" Precast Concrete Handholes With Steel Cover	1,835.35	384.09
		Note: 8000 To 12000 pound traffic rated top.		
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*111.15*	
33 05 63 00-0430	EA	18" x 30" x 18" Precast Concrete Handholes With Steel Cover	2,191.03	512.12
		Note: 8000 To 12000 pound traffic rated top.		
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*195.66*	
33 05 63 00-0431	EA	24" x 24" x 24" Precast Concrete Handholes With Steel Cover	2,290.59	512.12
		Note: 8000 To 12000 pound traffic rated top.		
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*247.75*	
33 05 63 00-0432	EA	24" x 24" x 30" Precast Concrete Handholes With Steel Cover	2,665.28	640.15
		Note: 8000 To 12000 pound traffic rated top.		
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*298.76*	
33 05 63 00-0433	EA	30" x 36" x 30" Precast Concrete Handholes With Steel Cover	2,830.27	640.15
		Note: 8000 To 12000 pound traffic rated top.		
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*327.22*	
33 05 63 00-0434	EA	36" x 36" x 48" Precast Concrete Handholes With Steel Cover	3,248.64	768.18
		Note: 8000 To 12000 pound traffic rated top.		
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*382.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0435	EA	48" x 48" x 48" Precast Concrete Handholes With Steel Cover Note: 8000 To 12000 pound traffic rated top.	3,719.96	896.21
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*531.51*	
33 05 63 00-0436	EA	48" x 72" x 36" Precast Concrete Handholes With Steel Cover Note: 8000 To 12000 pound traffic rated top.	3,739.59	768.18
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*572.02*	
33 05 63 00-0437	EA	54" x 38" x 24" Precast Concrete Handholes With Steel Cover Note: 8000 To 12000 pound traffic rated top.	3,781.82	768.18
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*401.82*	
33 05 63 00-0438	EA	6" Diameter Precast Concrete Handholes With Steel Cover Note: 8000 To 12000 pound traffic rated top.	801.29	256.06
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*15.00*	
33 05 63 00-0439	EA	9" Diameter Precast Concrete Handholes With Steel Cover Note: 8000 To 12000 pound traffic rated top.	954.23	288.07
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*15.00*	
33 05 63 00-0440	EA	12" Diameter Precast Concrete Handholes With Steel Cover Note: 8000 To 12000 pound traffic rated top.	1,196.08	320.07
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*15.00*	

33 05 81 Metallic Castings for Utility Structures *(33 05)*

33 05 81 00-0001 Manhole Accessories *(33 05 81)*

33 05 81 00-0002 Steps For Cast-In-Place Manholes *(33 05 81 00-0001)*

See CSI section 33 01 30 81-0033 for installation of steps in existing manholes.

33 05 81 00-0003	EA	Cast Iron Manhole Step For New Manholes	89.40	
33 05 81 00-0004	EA	Galvanized Steel Manhole Step For New Manholes	69.82	
33 05 81 00-0005	EA	Aluminum Manhole Step For New Manholes	97.45	

33 05 81 00-0006 Manhole Covers And Frames *(33 05 81)*

Note: Includes moisture-tight masonry joints and waterproof grouting.

33 05 81 00-0007 Regular Manhole Covers And Frames *(33 05 81 00-0006)*

33 05 81 00-0008	EA	18" Square, Gray Iron, Manhole Cover With Frame	3,878.20	103.05
		For Ductile Iron Castings, Add	*2,496.66*	
33 05 81 00-0009	EA	18" Diameter, Gray Iron, Manhole Cover With Frame	2,042.80	103.05
		For Ductile Iron Castings, Add	*1,211.88*	
33 05 81 00-0010	EA	22" Diameter, Gray Iron, Manhole Cover With Frame	2,186.71	107.84
		For Ductile Iron Castings, Add	*1,304.23*	
33 05 81 00-0011	EA	24" Diameter, Gray Iron, Manhole Cover With Frame	2,361.16	119.83
		For Ductile Iron Castings, Add	*1,401.17*	
33 05 81 00-0012	EA	24" Square, Gray Iron, Manhole Cover With Frame	3,877.36	133.00
		For Ductile Iron Castings, Add	*2,434.55*	
33 05 81 00-0013	EA	26" Diameter, Gray Iron, Manhole Cover With Frame	3,192.19	143.79
		For Ductile Iron Castings, Add	*1,931.37*	
33 05 81 00-0014	EA	30" Diameter, Gray Iron, Manhole Cover With Frame	3,332.82	149.78
		For Ductile Iron Castings, Add	*2,018.44*	
33 05 81 00-0015	EA	36" Diameter, Gray Iron, Manhole Cover With Frame	2,510.72	153.38
		For Ductile Iron Castings, Add	*1,434.57*	

33 05 81 00-0016 Watertight Type Manhole Covers And Frames *(33 05 81 00-0006)*

33 05 81 00-0017	EA	20" Diameter, Gray Iron, Watertight Manhole Cover With Frame	4,277.13	85.08
		For Ductile Iron Castings, Add	*2,756.94*	
33 05 81 00-0018	EA	22" Diameter, Gray Iron, Watertight Manhole Cover With Frame	4,317.92	85.08
		For Ductile Iron Castings, Add	*2,765.97*	
33 05 81 00-0019	EA	24" Diameter, Gray Iron, Watertight Manhole Cover With Frame	4,376.88	99.46
		For Ductile Iron Castings, Add	*2,784.22*	
33 05 81 00-0020	EA	26" Diameter, Gray Iron, Watertight Manhole Cover With Frame	5,256.38	111.44
		For Ductile Iron Castings, Add	*3,376.30*	
33 05 81 00-0021	EA	30" Diameter, Gray Iron, Watertight Manhole Cover With Frame	6,143.31	113.83
		For Ductile Iron Castings, Add	*3,985.79*	
33 05 81 00-0022	EA	32" Diameter, Gray Iron, Watertight Manhole Cover With Frame	6,484.33	116.23
		For Ductile Iron Castings, Add	*4,220.38*	
33 05 81 00-0023	EA	36" Diameter, Gray Iron, Watertight Manhole Cover With Frame	6,789.03	119.83
		For Ductile Iron Castings, Add	*4,429.38*	

33 05 81 00-0024 Aluminum Manhole Covers And Frames *(33 05 81 00-0006)*

33 05 81 00-0025	EA	12" Square Aluminum Manhole Cover With Frame	1,213.75	33.05
33 05 81 00-0026	EA	18" Square Aluminum Manhole Cover With Frame	2,227.26	36.59
33 05 81 00-0027	EA	24" Square Aluminum Manhole Cover With Frame	3,197.98	42.49

33 05 81 00-0028 Removal And Reinstallation Of Manhole Cover And Frame *(33 05 81 00-0006)*

Note: Includes surrounding asphalt removal and repair. Excludes saw cutting.

33 05 81 00-0029	EA	Removal And Reinstallation Of Manhole Cover And Frame	480.43	

33 05 83 Non-Metallic Accessories for Utility Structures *(33 05)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 83 00-0001		Manhole Accessories *(33 05 83)*		
33 05 83 00-0002		Steps For Cast-In-Place Manholes *(33 05 83 00-0001)*		
		See CSI section 33 01 30 81-0033 for installation of steps in existing manholes.		
33 05 83 00-0003	EA	Polypropylene Manhole Step For New Manholes	53.19	
33 05 83 00-0004		Rainguard Inflow Protectors *(33 05 83)*		
33 05 83 00-0005	EA	18" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors	154.41	26.25
33 05 83 00-0006	EA	22" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors	178.62	26.25
33 05 83 00-0007	EA	24" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors	213.58	31.51
33 05 83 00-0008	EA	26" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors	228.88	31.51
33 05 83 00-0009	EA	30" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors	283.97	36.76
33 05 83 00-0010	EA	32" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors	302.75	36.76

33 05 84 Accessories for Utility Structures *(33 05)*

See CSI section 22 13 19 26-0044 for oil interceptors, 22 13 23 00-0000 for sediment interceptors, 31 23 16 00-0000 for excavation, 31 23 16 36-0016 for backfill.

33 05 84 00-0001		Manhole Accessories *(33 05 84)*		
33 05 84 00-0002		Precast Concrete Manhole Tops *(33 05 84 00-0001)*		
33 05 84 00-0003		Precast Concrete Manhole Slab Tops *(33 05 84 00-0002)*		
33 05 84 00-0004	EA	3' Diameter x 8" Thick Precast Manhole Top Slab	663.92	89.87
33 05 84 00-0005	EA	4' Diameter x 8" Thick Precast Manhole Top Slab	930.44	97.06
33 05 84 00-0006	EA	5' Diameter x 8" Thick Precast Manhole Top Slab	1,260.84	104.25
33 05 84 00-0007	EA	6' Diameter x 8" Thick Precast Manhole Top Slab	1,510.60	111.44
33 05 84 00-0008	EA	7' Diameter x 8" Thick Precast Manhole Top Slab	2,303.44	119.83
33 05 84 00-0009	EA	8' Diameter x 10" Thick Precast Manhole Top Slab	3,077.35	128.82
33 05 84 00-0010	EA	10' Diameter x 12" Thick Precast Manhole Top Slab	5,248.32	137.80
33 05 84 00-0011	EA	12' Diameter x 12" Thick Precast Manhole Top Slab	7,451.16	148.29
33 05 84 00-0012		Precast Concrete Manhole Cone Tops *(33 05 84 00-0002)*		
33 05 84 00-0013	EA	3' Diameter x 8" Thick Precast Manhole Top Cone	1,058.23	112.34
33 05 84 00-0014	EA	3'-6" Diameter x 8" Thick Precast Manhole Top Cone	1,177.67	116.83
33 05 84 00-0015	EA	4' Diameter x 8" Thick Precast Manhole Top Cone	1,297.15	121.32
33 05 84 00-0016	EA	5' Diameter x 8" Thick Precast Manhole Top Cone	1,530.05	128.82
33 05 84 00-0017	EA	6' Diameter x 8" Thick Precast Manhole Top Cone	1,768.98	137.80
33 05 84 00-0018	EA	7' Diameter x 8" Thick Precast Manhole Top Cone	2,808.05	146.79
33 05 84 00-0019	EA	8' Diameter x 10" Thick Precast Manhole Top Cone	3,528.20	161.77
33 05 84 00-0020		Precast Concrete Manhole Reducer Slabs *(33 05 84 00-0002)*		
33 05 84 00-0021	EA	5' Diameter To 4' Diameter, Precast Concrete Manhole Reducer Slab	1,386.35	104.25
33 05 84 00-0022	EA	6' Diameter To 4' Diameter, Precast Concrete Manhole Reducer Slab	1,786.31	111.44
33 05 84 00-0023	EA	7' Diameter To 4' Diameter, Precast Concrete Manhole Reducer Slab	2,360.03	111.44
33 05 84 00-0024	EA	8' Diameter To 4' Diameter, Precast Concrete Manhole Reducer Slab	3,738.52	111.44
33 05 84 00-0025	EA	10' Diameter To 4' Diameter, Precast Concrete Manhole Reducer Slab	4,810.95	111.44
33 05 84 00-0026	EA	12' Diameter To 4' Diameter, Precast Concrete Manhole Reducer Slab	6,970.52	111.44
33 05 84 00-0027		Pipe To Manhole Connector *(33 05 84 00-0001)*		
33 05 84 00-0028		Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connectors *(33 05 84 00-0027)*		
33 05 84 00-0029	EA	4" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector	90.12	
33 05 84 00-0030	EA	6" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector	133.37	
33 05 84 00-0031	EA	8" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector	150.33	
33 05 84 00-0032	EA	10" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector	228.45	
33 05 84 00-0033	EA	12" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector	319.69	
33 05 84 00-0034	EA	15" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector	422.73	
33 05 84 00-0035	EA	18" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector	763.85	
33 05 84 00-0036	EA	21" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector	1,061.40	
33 05 84 00-0037	EA	24" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector	1,677.08	
33 05 84 00-0038	EA	27" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector	1,973.84	
33 05 84 00-0039		Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout *(33 05 84 00-0027)*		
		Note: Fernco CMA.		
33 05 84 00-0040	EA	4" Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout	122.80	
33 05 84 00-0041	EA	6" Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout	170.45	
33 05 84 00-0042	EA	8" Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout	215.34	
33 05 84 00-0043	EA	10" Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout	260.02	
33 05 84 00-0044	EA	12" Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout	301.66	
33 05 84 00-0045		Brick And Grout Pipe To Manhole Connector *(33 05 84 00-0027)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 84 00-0046	EA	Seal Gap Between Pipe And Structure With Brick And Grout	274.12	
33 05 84 00-0047		**Inverts For Manholes** *(33 05 84 00-0001)*		
33 05 84 00-0048	EA	Single Channel Concrete Invert For Manholes	443.68	
33 05 84 00-0049	EA	Double Channel Concrete Invert For Manholes	639.81	
33 05 84 00-0050	EA	Triple Channel Concrete Invert For Manholes	861.72	
33 05 84 00-0051	EA	Quad Channel Concrete Invert For Manholes	1,083.58	
33 05 84 00-0052	EA	Single Channel Brick Invert For Manholes	647.15	
33 05 84 00-0053	EA	Double Channel Brick Invert For Manholes	968.86	
33 05 84 00-0054	EA	Triple Channel Brick Invert For Manholes	1,296.10	
33 05 84 00-0055	EA	Quad Channel Brick Invert For Manholes	1,619.60	
33 05 84 00-0056		**Protective Coating For New Manholes** *(33 05 84 00-0001)*		
33 05 84 00-0057		**Polyurethane Protective Coating For New Manholes** *(33 05 84 00-0056)*		
33 05 84 00-0058	VLF	60 Mil Polyurethane Coating Of 3' Diameter Manhole Interior	218.57	
		For 80 Mil Material, Add	*32.73*	
		For 100 Mil Material, Add	*65.47*	
		For 125 Mil Material, Add	*103.48*	
		For 150 Mil Material, Add	*141.48*	
		For 200 Mil Material, Add	*209.73*	
		For 2 To 5 Manholes, Deduct	*-14.81*	
		For 6 To 10 Manholes, Deduct	*-24.16*	
		For >10 Manholes, Deduct	*-48.32*	
33 05 84 00-0059	VLF	60 Mil Polyurethane Coating Of 3-1/2' Diameter Manhole Interior	263.70	
		For 80 Mil Material, Add	*38.86*	
		For 100 Mil Material, Add	*77.72*	
		For 125 Mil Material, Add	*122.74*	
		For 150 Mil Material, Add	*167.75*	
		For 200 Mil Material, Add	*248.30*	
		For 2 To 5 Manholes, Deduct	*-17.93*	
		For 6 To 10 Manholes, Deduct	*-29.27*	
		For >10 Manholes, Deduct	*-58.54*	
33 05 84 00-0060	VLF	60 Mil Polyurethane Coating Of 4' Diameter Manhole Interior	291.43	
		For 80 Mil Material, Add	*43.64*	
		For 100 Mil Material, Add	*87.29*	
		For 125 Mil Material, Add	*137.96*	
		For 150 Mil Material, Add	*188.64*	
		For 200 Mil Material, Add	*279.63*	
		For 2 To 5 Manholes, Deduct	*-19.75*	
		For 6 To 10 Manholes, Deduct	*-32.21*	
		For >10 Manholes, Deduct	*-64.42*	
33 05 84 00-0061	VLF	60 Mil Polyurethane Coating Of 5' Diameter Manhole Interior	364.36	
		For 80 Mil Material, Add	*54.58*	
		For 100 Mil Material, Add	*109.16*	
		For 125 Mil Material, Add	*172.53*	
		For 150 Mil Material, Add	*235.91*	
		For 200 Mil Material, Add	*349.71*	
		For 2 To 5 Manholes, Deduct	*-24.69*	
		For 6 To 10 Manholes, Deduct	*-40.27*	
		For >10 Manholes, Deduct	*-80.54*	
33 05 84 00-0062	VLF	60 Mil Polyurethane Coating Of 6' Diameter Manhole Interior	423.41	
		For 80 Mil Material, Add	*64.46*	
		For 100 Mil Material, Add	*128.91*	
		For 125 Mil Material, Add	*203.91*	
		For 150 Mil Material, Add	*278.92*	
		For 200 Mil Material, Add	*414.08*	
		For 2 To 5 Manholes, Deduct	*-28.59*	
		For 6 To 10 Manholes, Deduct	*-46.60*	
		For >10 Manholes, Deduct	*-93.19*	
33 05 84 00-0063		**Polyvinyl Chloride (PVC) Liner** *(33 05 84 00-0056)*		
		Note: For new manholes and shop applied.		
33 05 84 00-0064	VLF	3' Diameter Polyvinyl Chloride (PVC) Liner For New Manhole	297.43	
33 05 84 00-0065	VLF	3-1/2' Diameter Polyvinyl Chloride (PVC) Liner For New Manhole	364.59	
33 05 84 00-0066	VLF	4' Diameter Polyvinyl Chloride (PVC) Liner For New Manhole	444.92	
33 05 84 00-0067	VLF	5' Diameter Polyvinyl Chloride (PVC) Liner For New Manhole	558.74	
33 05 84 00-0068	VLF	6' Diameter Polyvinyl Chloride (PVC) Liner For New Manhole	672.56	
33 05 84 00-0069	SF	Polyvinyl Chloride (PVC) Liner At Structures	45.41	
33 05 84 00-0070		**Concrete Grade Extensions/Grade Rings** *(33 05 84 00-0001)*		
33 05 84 00-0071		**18" Diameter, Concrete Grade Extensions/Grade Rings** *(33 05 84 00-0070)*		
33 05 84 00-0072	EA	4" Rise, 18" Diameter, Concrete Grade Extensions/Grade Rings	99.55	
33 05 84 00-0073	EA	6" Rise, 18" Diameter, Concrete Grade Extensions/Grade Ring	108.68	
33 05 84 00-0074	EA	8" Rise, 18" Diameter, Concrete Grade Extensions/Grade Ring	117.80	
33 05 84 00-0075	EA	10" Rise, 18" Diameter, Concrete Grade Extensions/Grade Ring	126.93	
33 05 84 00-0076		**24" Diameter, Concrete Grade Extensions/Grade Rings** *(33 05 84 00-0070)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 84 00-0077	EA	4" Rise, 24" Diameter, Concrete Grade Extensions/Grade Ring	111.77	
33 05 84 00-0078	EA	6" Rise, 24" Diameter, Concrete Grade Extensions/Grade Ring	122.14	
33 05 84 00-0079	EA	8" Rise, 24" Diameter, Concrete Grade Extensions/Grade Ring	132.51	
33 05 84 00-0080	EA	10" Rise, 24" Diameter, Concrete Grade Extensions/Grade Ring	142.88	
33 05 84 00-0081		30" Diameter, Concrete Grade Extensions/Grade Rings *(33 05 84 00-0070)*		
33 05 84 00-0082	EA	4" Rise, 30" Diameter, Concrete Grade Extensions/Grade Ring	123.73	
33 05 84 00-0083	EA	6" Rise, 30" Diameter, Concrete Grade Extensions/Grade Ring	135.29	
33 05 84 00-0084	EA	8" Rise, 30" Diameter, Concrete Grade Extensions/Grade Ring	146.86	
33 05 84 00-0085	EA	10" Rise, 30" Diameter, Concrete Grade Extensions/Grade Ring	158.42	
33 05 84 00-0086		Expanded Polypropylene (EPP) Grade Ring *(33 05 84 00-0001)*		
33 05 84 00-0087	EA	34" Diameter OD x 2" Height, Expanded Polypropylene (EPP) Grade Ring	143.88	
33 05 84 00-0088	EA	34" Diameter OD x 4" Height, Expanded Polypropylene (EPP) Grade Ring	198.12	
33 05 84 00-0089	EA	34" Diameter OD x 6" Height, Expanded Polypropylene (EPP) Grade Ring	247.72	
33 05 84 00-0090	EA	36" Diameter OD x 2" Height, Expanded Polypropylene (EPP) Grade Ring	152.10	
33 05 84 00-0091	EA	36" Diameter OD x 4" Height, Expanded Polypropylene (EPP) Grade Ring	210.10	
33 05 84 00-0092	EA	36" Diameter OD x 6" Height, Expanded Polypropylene (EPP) Grade Ring	263.15	
33 05 84 00-0093	EA	40" Diameter OD x 2" Height, Expanded Polypropylene (EPP) Grade Ring	171.18	
33 05 84 00-0094	EA	40" Diameter OD x 4" Height, Expanded Polypropylene (EPP) Grade Ring	235.00	
33 05 84 00-0095	EA	40" Diameter OD x 6" Height, Expanded Polypropylene (EPP) Grade Ring	293.85	
33 05 84 00-0096	EA	46" Diameter OD x 2" Height, Expanded Polypropylene (EPP) Grade Ring	192.30	
33 05 84 00-0097	EA	46" Diameter OD x 4" Height, Expanded Polypropylene (EPP) Grade Ring	262.72	
33 05 84 00-0098	EA	46" Diameter OD x 6" Height, Expanded Polypropylene (EPP) Grade Ring	328.10	
33 05 84 00-0099		Expanded Polypropylene (EPP) Finish Ring *(33 05 84 00-0001)*		
33 05 84 00-0100	EA	34" Diameter OD x 3/4" Height Expanded Polypropylene (EPP) Finish Ring	113.84	
33 05 84 00-0101	EA	34" Diameter OD x 1" Height Expanded Polypropylene (EPP) Finish Ring	116.20	
33 05 84 00-0102	EA	34" Diameter OD x 1-1/4" Height Expanded Polypropylene (EPP) Finish Ring	123.12	
33 05 84 00-0103	EA	34" Diameter OD x 1-1/2" Height Expanded Polypropylene (EPP) Finish Ring	130.04	
33 05 84 00-0104	EA	34" Diameter OD x 1-3/4" Height Expanded Polypropylene (EPP) Finish Ring	136.96	
33 05 84 00-0105	EA	34" Diameter OD x 2" Height Expanded Polypropylene (EPP) Finish Ring	143.88	
33 05 84 00-0106	EA	34" Diameter OD x 2-1/2" Height Expanded Polypropylene (EPP) Finish Ring	156.27	
33 05 84 00-0107	EA	34" Diameter OD x 3/4" To 1-3/4" Angle Height Expanded Polypropylene (EPP) Finish Ring	126.79	
33 05 84 00-0108	EA	36" Diameter OD x 3/4" Height Expanded Polypropylene (EPP) Finish Ring	119.96	
33 05 84 00-0109	EA	36" Diameter OD x 1" Height Expanded Polypropylene (EPP) Finish Ring	122.49	
33 05 84 00-0110	EA	36" Diameter OD x 1-1/4" Height Expanded Polypropylene (EPP) Finish Ring	129.89	
33 05 84 00-0111	EA	36" Diameter OD x 1-1/2" Height Expanded Polypropylene (EPP) Finish Ring	137.30	
33 05 84 00-0112	EA	36" Diameter OD x 1-3/4" Height Expanded Polypropylene (EPP) Finish Ring	144.70	
33 05 84 00-0113	EA	36" Diameter OD x 2" Height Expanded Polypropylene (EPP) Finish Ring	152.10	
33 05 84 00-0114	EA	36" Diameter OD x 2-1/2" Height Expanded Polypropylene (EPP) Finish Ring	165.35	
33 05 84 00-0115	EA	36" Diameter OD x 3/4" To 1-3/4" Angle Height Expanded Polypropylene (EPP) Finish Ring	133.82	
33 05 84 00-0116	EA	40" Diameter OD x 3/4" Height Expanded Polypropylene (EPP) Finish Ring	133.48	
33 05 84 00-0117	EA	40" Diameter OD x 1" Height Expanded Polypropylene (EPP) Finish Ring	136.57	
33 05 84 00-0118	EA	40" Diameter OD x 1-1/4" Height Expanded Polypropylene (EPP) Finish Ring	145.81	
33 05 84 00-0119	EA	40" Diameter OD x 1-1/2" Height Expanded Polypropylene (EPP) Finish Ring	155.06	
33 05 84 00-0120	EA	40" Diameter OD x 1-3/4" Height Expanded Polypropylene (EPP) Finish Ring	163.12	
33 05 84 00-0121	EA	40" Diameter OD x 2" Height Expanded Polypropylene (EPP) Finish Ring	171.18	
33 05 84 00-0122	EA	40" Diameter OD x 2-1/2" Height Expanded Polypropylene (EPP) Finish Ring	184.79	
33 05 84 00-0123	EA	40" Diameter OD x 3/4" To 1-3/4" Angle Height Expanded Polypropylene (EPP) Finish Ring	150.40	
33 05 84 00-0124	EA	46" Diameter OD x 3/4" Height Expanded Polypropylene (EPP) Finish Ring	148.35	
33 05 84 00-0125	EA	46" Diameter OD x 1" Height Expanded Polypropylene (EPP) Finish Ring	152.07	
33 05 84 00-0126	EA	46" Diameter OD x 1-1/4" Height Expanded Polypropylene (EPP) Finish Ring	163.38	
33 05 84 00-0127	EA	46" Diameter OD x 1-1/2" Height Expanded Polypropylene (EPP) Finish Ring	174.70	
33 05 84 00-0128	EA	46" Diameter OD x 1-3/4" Height Expanded Polypropylene (EPP) Finish Ring	183.50	
33 05 84 00-0129	EA	46" Diameter OD x 2" Height Expanded Polypropylene (EPP) Finish Ring	192.30	
33 05 84 00-0130	EA	46" Diameter OD x 2-1/2" Height Expanded Polypropylene (EPP) Finish Ring	206.35	
33 05 84 00-0131	EA	46" Diameter OD x 3/4" To 1-3/4" Angle Height Expanded Polypropylene (EPP) Finish Ring	168.73	
33 05 84 00-0132		Bentonite Collar *(33 05 84 00-0001)*		
33 05 84 00-0133		Bentonite Collar At Manhole Connections *(33 05 84 00-0132)*		
33 05 84 00-0134	EA	Up To 12" Pipe, Bentonite Collar At Manhole Connection	153.47	
33 05 84 00-0135	EA	>12" To 21", Bentonite Collar At Manhole Connection	243.03	
33 05 84 00-0136	EA	>21" To 30" Pipe, Bentonite Collar At Manhole Connection	384.25	
33 05 84 00-0137	EA	>30" To 36" Pipe, Bentonite Collar At Manhole Connection	897.17	
33 05 84 00-0138	EA	>36" To 48" Pipe, Bentonite Collar At Manhole Connection	1,406.27	
33 05 84 00-0139	EA	>48" To 60" Pipe, Bentonite Collar At Manhole Connection	2,555.79	
33 05 84 00-0140		Waste Water Collection System Taps *(33 05 84)* Note: For tapping existing structures only. Includes grout.		
33 05 84 00-0141		Brick Manhole Taps *(33 05 84 00-0140)*		
33 05 84 00-0142	EA	4" Tap In 6" Brick Manhole	594.85	
33 05 84 00-0143	EA	6" Tap In 6" Brick Manhole	665.13	
33 05 84 00-0144	EA	8" Tap In 6" Brick Manhole	734.15	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 84 00-0145	EA	10" Tap In 6" Brick Manhole	803.04	
33 05 84 00-0146	EA	12" Tap In 6" Brick Manhole	885.04	
33 05 84 00-0147	EA	15" Tap In 6" Brick Manhole	953.79	
33 05 84 00-0148		Precast Concrete Manhole Tap *(33 05 84 00-0140)*		
33 05 84 00-0149	EA	4" Tap In Existing Precast Concrete Manhole	877.66	
33 05 84 00-0150	EA	6" Tap In Existing Precast Concrete Manhole	983.07	
33 05 84 00-0151	EA	8" Tap In Existing Precast Concrete Manhole	1,099.48	
33 05 84 00-0152	EA	10" Tap In Existing Precast Concrete Manhole	1,202.82	
33 05 84 00-0153	EA	12" Tap In Existing Precast Concrete Manhole	1,305.94	
33 05 84 00-0154	EA	15" Tap In Existing Precast Concrete Manhole	1,411.56	
33 05 84 00-0155	EA	18" Tap In Existing Precast Concrete Manhole	1,625.34	
33 05 84 00-0156	EA	24" Tap In Existing Precast Concrete Manhole	2,089.76	

33 05 97 Identification and Signage for Utilities *(33 05)*

33 05 97 23 Utility Identification Warning Tape *(33 05 97)*

33 05 97 23-0001 Non-Detectable Utility Warning Tape *(33 05 97 23)*
Note: Labor installation is included with pipe and excavation.

33 05 97 23-0002	CLF	3" Non-Detectable Utility Warning Tape	8.90	
33 05 97 23-0003	CLF	6" Non-Detectable Utility Warning Tape	12.38	

33 05 97 23-0004 Detectable Utility Warning Tape *(33 05 97 23)*
Note: Labor installation is included with pipe and excavation.

33 05 97 23-0005	CLF	2" Detectable Utility Warning Tape	8.99	
33 05 97 23-0006	CLF	3" Detectable Utility Warning Tape	12.16	
33 05 97 23-0007	CLF	6" Detectable Utility Warning Tape	19.24	

33 10 Water Utilities *(33)*

33 11 Groundwater Sources *(33 10)*

33 11 13 Potable Water Supply Wells *(33 11)*

33 11 13 00-0001 Submersible Well Pumps *(33 11 13)*
Note: Includes pump end, motor and control box.

33 11 13 00-0002 4" Submersible Well Pumps *(33 11 13 00-0001)*

33 11 13 00-0003 Powder Coated Case And Cast Iron Ends *(33 11 13 00-0002)*

33 11 13 00-0004	EA	1/2 HP Submersible Well Pump, 4" Diameter Powder Coated Case And Cast Iron Ends	1,450.99	511.64
33 11 13 00-0005	EA	3/4 HP Submersible Well Pump, 4" Diameter Powder Coated Case And Cast Iron Ends	1,652.77	567.08
33 11 13 00-0006	EA	1 HP Submersible Well Pump, 4" Diameter Powder Coated Case And Cast Iron Ends	1,834.47	630.09

33 11 13 00-0007 Stainless Steel Case And Ends *(33 11 13 00-0002)*

33 11 13 00-0008	EA	1/2 HP Submersible Well Pump, 4" Diameter Stainless Steel	1,623.87	504.07
33 11 13 00-0009	EA	3/4 HP Submersible Well Pump, 4" Diameter Stainless Steel	1,850.54	567.08
33 11 13 00-0010	EA	1 HP Submersible Well Pump, 4" Diameter Stainless Steel	2,073.66	630.09
33 11 13 00-0011	EA	1-1/2 HP Submersible Well Pump, 4" Diameter Stainless Steel	2,370.18	693.10
33 11 13 00-0012	EA	2 HP Submersible Well Pump, 4" Diameter Stainless Steel	2,677.36	756.11
33 11 13 00-0013	EA	3 HP Submersible Well Pump, 4" Diameter Stainless Steel	3,284.63	882.13
33 11 13 00-0014	EA	5 HP Submersible Well Pump, 4" Diameter Stainless Steel	4,113.33	1,008.14

33 11 13 00-0015 6" Submersible Well Pumps *(33 11 13 00-0001)*

33 11 13 00-0016	EA	5 HP Submersible Well Pump, 6" Diameter Stainless Steel	4,050.21	1,260.18
33 11 13 00-0017	EA	7.5 HP Submersible Well Pump, 6" Diameter Stainless Steel	4,658.66	1,386.19
33 11 13 00-0018	EA	10 HP Submersible Well Pump, 6" Diameter Stainless Steel	5,289.62	1,512.21
33 11 13 00-0019	EA	15 HP Submersible Well Pump, 6" Diameter Stainless Steel	6,390.64	1,764.25

33 14 Water Utility Transmission and Distribution *(33 10)*

33 14 11 Water Utility Transmission Piping *(33 14)*

See CSI section 33 14 13 00-0000 for water utility transmission piping.

33 14 13 Public Water Utility Distribution Piping *(33 14)*

Note: Piping includes hydrostatic testing, disinfecting and warning tape. Excludes excavation and backfill. See CSI section 31 23 16 00-0000 for excavation, 31 23 16 36-0016 for backfill.

33 14 13 13 Ductile Iron Public Water Utility Distribution Piping *(33 14 13)*

33 14 13 13-0001 Ductile Iron Piping *(33 14 13 13)*

33 14 13 13-0002 Mechanical Joint Ductile Iron Piping *(33 14 13 13-0001)*
Note: Cement lining and bituminous coating shall conform to ANSI A21.4. Fittings are C153. See CSI section 33 14 13 13-0204 for bolts and gaskets.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0003		Mechanical Joint Ductile Iron Pipe *(33 14 13 13-0002)*		
		Note: Conforming to ANSI/AWWA C151/A21.51, federal specification WW-P-421D.		
33 14 13 13-0004	LF	3", Class 51, Mechanical Joint Ductile Iron Pipe	95.41	14.14
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*51.81*	
		For Cement Mortar Lining (CML), Add	*7.40*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*39.97*	
		For Fusion Bonded Epoxy Lining (206N), Add	*13.32*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*5.55*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-4.77*	
		For Class 52, Add	*22.38*	
		For Class 53, Add	*40.47*	
		For Class 54, Add	*57.80*	
		For Class 55, Add	*66.36*	
		For Class 56, Add	*74.77*	
33 14 13 13-0005	LF	4", Class 50, Mechanical Joint Ductile Iron Pipe	104.13	15.05
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*56.92*	
		For Cement Mortar Lining (CML), Add	*8.13*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*43.91*	
		For Fusion Bonded Epoxy Lining (206N), Add	*14.64*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*6.10*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-5.21*	
		For Class 51, Add	*11.37*	
		For Class 52, Add	*24.57*	
		For Class 53, Add	*44.43*	
		For Class 54, Add	*63.46*	
		For Class 55, Add	*72.87*	
		For Class 56, Add	*82.10*	
33 14 13 13-0006	LF	6", Class 50, Mechanical Joint Ductile Iron Pipe	112.17	15.80
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*61.80*	
		For Cement Mortar Lining (CML), Add	*8.83*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*47.67*	
		For Fusion Bonded Epoxy Lining (206N), Add	*15.89*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*6.62*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-5.61*	
		For Class 51, Add	*12.33*	
		For Class 52, Add	*26.65*	
		For Class 53, Add	*48.21*	
		For Class 54, Add	*68.85*	
		For Class 55, Add	*79.05*	
		For Class 56, Add	*89.06*	
33 14 13 13-0007	LF	8", Class 50, Mechanical Joint Ductile Iron Pipe	137.79	16.42
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*79.04*	
		For Cement Mortar Lining (CML), Add	*11.29*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*60.97*	
		For Fusion Bonded Epoxy Lining (206N), Add	*20.32*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*8.47*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-6.89*	
		For Class 51, Add	*15.70*	
		For Class 52, Add	*33.94*	
		For Class 53, Add	*61.44*	
		For Class 54, Add	*87.78*	
		For Class 55, Add	*100.75*	
		For Class 56, Add	*113.48*	
33 14 13 13-0008	LF	10", Class 50, Mechanical Joint Ductile Iron Pipe	182.26	23.34
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*88.14*	
		For Cement Mortar Lining (CML), Add	*14.69*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*73.45*	
		For Fusion Bonded Epoxy Lining (206N), Add	*26.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*11.02*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-9.11*	
		For Class 51, Add	*20.46*	
		For Class 52, Add	*44.23*	
		For Class 53, Add	*80.05*	
		For Class 54, Add	*114.35*	
		For Class 55, Add	*131.26*	
		For Class 56, Add	*147.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0009	LF	12", Class 50, Mechanical Joint Ductile Iron Pipe	226.92	25.93
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*93.81*	
		For Cement Mortar Lining (CML), Add	*18.76*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*75.05*	
		For Fusion Bonded Epoxy Lining (206N), Add	*33.77*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*14.07*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-11.35*	
		For Class 51, Add	*26.06*	
		For Class 52, Add	*56.35*	
		For Class 53, Add	*102.02*	
		For Class 54, Add	*145.76*	
		For Class 55, Add	*167.28*	
		For Class 56, Add	*188.41*	

33 14 13 13-0010 Mechanical Joint Ductile Iron 90 Degree Elbow *(33 14 13 13-0002)*

33 14 13 13-0011	EA	3" Mechanical Joint Ductile Iron 90 Degree Elbow	195.13	44.66
		For Cement Mortar Lining (CML), Add	*12.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*22.94*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*9.56*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0012	EA	4" Mechanical Joint Ductile Iron 90 Degree Elbow	219.56	53.37
		For Cement Mortar Lining (CML), Add	*13.87*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*24.97*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*10.40*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0013	EA	6" Mechanical Joint Ductile Iron 90 Degree Elbow	346.23	78.87
		For Cement Mortar Lining (CML), Add	*22.68*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*40.82*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*17.01*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0014	EA	8" Mechanical Joint Ductile Iron 90 Degree Elbow	471.70	93.55
		For Cement Mortar Lining (CML), Add	*32.99*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*59.38*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*24.74*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0015	EA	10" Mechanical Joint Ductile Iron 90 Degree Elbow	681.59	103.50
		For Cement Mortar Lining (CML), Add	*52.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*94.47*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*39.36*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0016	EA	12" Mechanical Joint Ductile Iron 90 Degree Elbow	890.50	121.42
		For Cement Mortar Lining (CML), Add	*70.66*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*127.19*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*53.00*	
		Note: ANSI/AWWA C151/A21.51		

33 14 13 13-0017 Mechanical Joint Ductile Iron 45 Degree Elbow *(33 14 13 13-0002)*

33 14 13 13-0018	EA	3" Mechanical Joint Ductile Iron 45 Degree Elbow	182.01	44.66
		For Cement Mortar Lining (CML), Add	*11.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*20.58*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*8.57*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0019	EA	4" Mechanical Joint Ductile Iron 45 Degree Elbow	195.19	53.37
		For Cement Mortar Lining (CML), Add	*11.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*20.58*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*8.57*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0020	EA	6" Mechanical Joint Ductile Iron 45 Degree Elbow	303.12	78.87
		For Cement Mortar Lining (CML), Add	*18.37*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*33.06*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*13.78*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0021	EA	8" Mechanical Joint Ductile Iron 45 Degree Elbow	409.85	93.55
		For Cement Mortar Lining (CML), Add	*26.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*48.25*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*20.10*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0022	EA	10" Mechanical Joint Ductile Iron 45 Degree Elbow	548.51	103.50
		For Cement Mortar Lining (CML), Add	*39.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*70.51*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*29.38*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0023	EA	12" Mechanical Joint Ductile Iron 45 Degree Elbow	768.67	121.42
		For Cement Mortar Lining (CML), Add	*58.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*105.26*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*43.86*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0024		Mechanical Joint Ductile Iron 22-1/2 Degree Elbow *(33 14 13 13-0002)*		
33 14 13 13-0025	EA	3" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	157.65	44.66
		For Cement Mortar Lining (CML), Add	*9.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*16.19*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*6.75*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0026	EA	4" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	189.57	53.37
		For Cement Mortar Lining (CML), Add	*10.87*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*19.57*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*8.15*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0027	EA	6" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	288.13	78.87
		For Cement Mortar Lining (CML), Add	*16.87*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*30.36*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*12.65*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0028	EA	8" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	404.22	93.55
		For Cement Mortar Lining (CML), Add	*26.24*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*47.23*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*19.68*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0029	EA	10" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	546.64	103.50
		For Cement Mortar Lining (CML), Add	*38.99*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*70.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*29.24*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0030	EA	12" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	695.57	121.42
		For Cement Mortar Lining (CML), Add	*51.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*92.10*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*38.38*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0031		Mechanical Joint Ductile Iron 11-1/4 Degree Elbow *(33 14 13 13-0002)*		
33 14 13 13-0032	EA	3" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	157.65	44.66
		For Cement Mortar Lining (CML), Add	*9.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*16.19*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*6.75*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0033	EA	4" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	183.95	53.37
		For Cement Mortar Lining (CML), Add	*10.31*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*18.56*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*7.73*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0034	EA	6" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	293.75	78.87
		For Cement Mortar Lining (CML), Add	*17.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*31.38*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*13.07*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0035	EA	8" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	379.86	93.55
		For Cement Mortar Lining (CML), Add	*23.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*42.85*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*17.85*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0036	EA	10" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	542.89	103.50
		For Cement Mortar Lining (CML), Add	*38.61*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*69.50*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*28.96*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0037	EA	12" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	663.71	121.42
		For Cement Mortar Lining (CML), Add	*47.98*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*86.37*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*35.99*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0038	EA	14" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	1,269.01	136.15
		For Cement Mortar Lining (CML), Add	*106.27*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*191.29*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*79.71*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0039	EA	16" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	1,399.71	155.60
		For Cement Mortar Lining (CML), Add	*116.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*209.51*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*87.30*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0040	EA	18" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	2,037.51	217.84
		For Cement Mortar Lining (CML), Add	*170.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*307.35*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*128.06*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0041	EA	20" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	2,142.55	272.30
		For Cement Mortar Lining (CML), Add	*173.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*311.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*129.75*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0042	EA	24" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	2,856.76	362.59
		For Cement Mortar Lining (CML), Add	*230.73*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*415.31*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*173.05*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0043		Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow *(33 14 13 13-0002)*		
33 14 13 13-0044	EA	3" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	200.76	44.66
		For Cement Mortar Lining (CML), Add	*13.31*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*23.95*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*9.98*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0045	EA	4" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	245.80	53.37
		For Cement Mortar Lining (CML), Add	*16.49*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*29.69*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*12.37*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0046	EA	6" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	393.09	78.87
		For Cement Mortar Lining (CML), Add	*27.37*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*49.26*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*20.52*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0047	EA	8" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	533.55	93.55
		For Cement Mortar Lining (CML), Add	*39.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*70.51*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*29.38*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0048	EA	10" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	771.56	103.50
		For Cement Mortar Lining (CML), Add	*61.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*110.66*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*46.11*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0049	EA	12" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	987.96	121.42
		For Cement Mortar Lining (CML), Add	*80.41*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*144.73*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*60.31*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0050	EA	14" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	1,701.98	136.15
		For Cement Mortar Lining (CML), Add	*149.57*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*269.23*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*112.18*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0051	EA	16" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	2,604.90	155.60
		For Cement Mortar Lining (CML), Add	*236.91*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*426.45*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*177.69*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0052	EA	18" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	3,021.52	217.84
		For Cement Mortar Lining (CML), Add	*269.15*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*484.47*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*201.86*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0053	EA	20" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	4,106.83	272.30
		For Cement Mortar Lining (CML), Add	*369.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*664.97*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*277.07*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0054	EA	24" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	4,987.86	362.59
		For Cement Mortar Lining (CML), Add	*443.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*798.91*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*332.88*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0055		Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow *(33 14 13 13-0002)*		
33 14 13 13-0056	EA	3" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	183.89	44.66
		For Cement Mortar Lining (CML), Add	*11.62*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*20.92*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*8.72*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0057	EA	4" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	200.82	53.37
		For Cement Mortar Lining (CML), Add	*12.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*21.59*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*9.00*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0058	EA	6" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	323.74	78.87
		For Cement Mortar Lining (CML), Add	*20.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*36.77*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*15.32*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0059	EA	8" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	469.83	93.55
		For Cement Mortar Lining (CML), Add	*32.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*59.04*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*24.60*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0060	EA	10" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	644.10	103.50
		For Cement Mortar Lining (CML), Add	*48.73*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*87.72*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*36.55*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0061	EA	12" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	877.38	121.42
		For Cement Mortar Lining (CML), Add	*69.35*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*124.83*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*52.01*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0062	EA	14" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	1,505.17	136.15
		For Cement Mortar Lining (CML), Add	*129.89*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*233.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*97.42*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0063	EA	16" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	2,295.64	155.60
		For Cement Mortar Lining (CML), Add	*205.99*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*370.78*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*154.49*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0064	EA	18" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	2,708.51	217.84
		For Cement Mortar Lining (CML), Add	*237.85*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*428.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*178.39*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0065	EA	20" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	3,518.30	272.30
		For Cement Mortar Lining (CML), Add	*310.58*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*559.04*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*232.93*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0066	EA	24" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	4,419.94	362.59
		For Cement Mortar Lining (CML), Add	*387.05*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*696.68*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*290.29*	
		Note: ANSI/AWWA C151/A21.51		

33 14 13 13-0067 Mechanical Joint Ductile Iron Tee *(33 14 13 13-0002)*

33 14 13 13-0068	EA	3" x 3" Mechanical Joint Ductile Iron Tee	318.94	67.01
		For Cement Mortar Lining (CML), Add	*21.74*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*39.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*16.31*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0069	EA	4" x 3" Mechanical Joint Ductile Iron Tee	330.88	74.89
		For Cement Mortar Lining (CML), Add	*21.74*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*39.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*16.31*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0070	EA	4" x 4" Mechanical Joint Ductile Iron Tee	301.25	78.87
		For Cement Mortar Lining (CML), Add	*18.18*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*32.73*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*13.64*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0071	EA	6" x 3" Mechanical Joint Ductile Iron Tee	401.70	99.36
		For Cement Mortar Lining (CML), Add	*25.12*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*45.21*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*18.84*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0072	EA	6" x 4" Mechanical Joint Ductile Iron Tee	462.26	103.46
		For Cement Mortar Lining (CML), Add	*30.55*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*54.99*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*22.91*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0073	EA	6" x 6" Mechanical Joint Ductile Iron Tee	503.42	115.82
		For Cement Mortar Lining (CML), Add	*32.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*59.04*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*24.60*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0074	EA	8" x 4" Mechanical Joint Ductile Iron Tee	535.90	119.90
		For Cement Mortar Lining (CML), Add	*35.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*63.77*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*26.57*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0075	EA	8" x 6" Mechanical Joint Ductile Iron Tee	608.92	132.21
		For Cement Mortar Lining (CML), Add	*40.86*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*73.55*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*30.65*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0076	EA	8" x 8" Mechanical Joint Ductile Iron Tee	705.72	140.46
		For Cement Mortar Lining (CML), Add	*49.30*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*88.73*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*36.97*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0077	EA	10" x 4" Mechanical Joint Ductile Iron Tee	738.44	128.63
		For Cement Mortar Lining (CML), Add	*54.36*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*97.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*40.77*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0078	EA	10" x 6" Mechanical Joint Ductile Iron Tee	739.25	140.30
		For Cement Mortar Lining (CML), Add	*52.67*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*94.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*39.50*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0079	EA	10" x 8" Mechanical Joint Ductile Iron Tee	841.02	148.08
		For Cement Mortar Lining (CML), Add	*61.67*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*111.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*46.25*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0080	EA	10" x 10" Mechanical Joint Ductile Iron Tee	940.50	155.60
		For Cement Mortar Lining (CML), Add	*70.47*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*126.85*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*52.86*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0081	EA	12" x 4" Mechanical Joint Ductile Iron Tee	883.84	144.19
		For Cement Mortar Lining (CML), Add	*66.54*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*119.77*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*49.90*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0082	EA	12" x 6" Mechanical Joint Ductile Iron Tee	1,004.60	155.85
		For Cement Mortar Lining (CML), Add	*76.85*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*138.32*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*57.64*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0083	EA	12" x 8" Mechanical Joint Ductile Iron Tee	1,235.71	163.64
		For Cement Mortar Lining (CML), Add	*98.78*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*177.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*74.08*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0084	EA	12" x 10" Mechanical Joint Ductile Iron Tee	1,323.93	171.16
		For Cement Mortar Lining (CML), Add	*106.46*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*191.63*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*79.85*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0085	EA	12" x 12" Mechanical Joint Ductile Iron Tee	1,255.13	178.94
		For Cement Mortar Lining (CML), Add	*98.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*177.12*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*73.80*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0086		Mechanical Joint Ductile Iron Wye (Laterals) *(33 14 13 13-0002)*		
33 14 13 13-0087	EA	4" x 3" Mechanical Joint Ductile Iron Wye (Lateral)	272.78	74.89
		For Cement Mortar Lining (CML), Add	*15.93*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*28.68*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*11.95*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0088	EA	4" x 4" Mechanical Joint Ductile Iron Wye (Lateral)	417.46	78.83
		For Cement Mortar Lining (CML), Add	*29.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*53.64*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*22.35*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0089	EA	6" x 3" Mechanical Joint Ductile Iron Wye (Lateral)	401.70	99.36
		For Cement Mortar Lining (CML), Add	*25.12*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*45.21*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*18.84*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0090	EA	6" x 4" Mechanical Joint Ductile Iron Wye (Lateral)	464.14	103.46
		For Cement Mortar Lining (CML), Add	*30.74*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*55.33*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*23.05*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0091	EA	6" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	625.25	115.77
		For Cement Mortar Lining (CML), Add	*44.98*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*80.97*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*33.74*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0092	EA	8" x 4" Mechanical Joint Ductile Iron Wye (Lateral)	802.05	119.90
		For Cement Mortar Lining (CML), Add	*62.04*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*111.67*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*46.53*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0093	EA	8" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	719.51	132.21
		For Cement Mortar Lining (CML), Add	*51.92*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*93.45*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*38.94*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0094	EA	8" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	868.78	140.43
		For Cement Mortar Lining (CML), Add	*65.60*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*118.08*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*49.20*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0095	EA	10" x 4" Mechanical Joint Ductile Iron Wye (Lateral)	1,238.89	128.63
		For Cement Mortar Lining (CML), Add	*104.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*187.92*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*78.30*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0096	EA	10" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	1,310.92	140.30
		For Cement Mortar Lining (CML), Add	*109.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*197.70*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*82.38*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0097	EA	10" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	1,506.40	148.08
		For Cement Mortar Lining (CML), Add	*128.20*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*230.77*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*96.15*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0098	EA	10" x 10" Mechanical Joint Ductile Iron Wye (Lateral)	1,695.86	155.60
		For Cement Mortar Lining (CML), Add	*146.01*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*262.82*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*109.51*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0099	EA	12" x 4" Mechanical Joint Ductile Iron Wye (Lateral)	1,581.09	144.19
		For Cement Mortar Lining (CML), Add	*136.26*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*245.27*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*102.20*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0100	EA	12" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	1,788.07	155.85
		For Cement Mortar Lining (CML), Add	*155.19*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*279.35*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*116.40*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0101	EA	12" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	2,154.12	163.64
		For Cement Mortar Lining (CML), Add	*190.62*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*343.11*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*142.96*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0102	EA	12" x 10" Mechanical Joint Ductile Iron Wye (Lateral)	2,216.11	171.16
		For Cement Mortar Lining (CML), Add	*195.68*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*352.22*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*146.76*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0103	EA	12" x 12" Mechanical Joint Ductile Iron Wye (Lateral)	2,008.60	178.93
		For Cement Mortar Lining (CML), Add	*173.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*312.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*130.31*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0104	EA	14" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	2,366.89	181.61
		For Cement Mortar Lining (CML), Add	*209.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*376.51*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*156.88*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0105	EA	14" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	2,708.58	189.40
		For Cement Mortar Lining (CML), Add	*242.16*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*435.89*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*181.62*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0106	EA	14" x 10" Mechanical Joint Ductile Iron Wye (Lateral)	3,535.29	196.91
		For Cement Mortar Lining (CML), Add	*323.70*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*582.65*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*242.77*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0107	EA	14" x 12" Mechanical Joint Ductile Iron Wye (Lateral)	3,786.99	204.68
		For Cement Mortar Lining (CML), Add	*347.69*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*625.83*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*260.76*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0108	EA	14" x 14" Mechanical Joint Ductile Iron Wye (Lateral)	3,701.54	217.56
		For Cement Mortar Lining (CML), Add	*337.19*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*606.94*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*252.89*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0109	EA	16" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	2,433.04	217.82
		For Cement Mortar Lining (CML), Add	*210.30*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*378.54*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*157.72*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0110	EA	16" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	2,677.25	225.62
		For Cement Mortar Lining (CML), Add	*233.54*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*420.37*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*175.16*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0111	EA	16" x 10" Mechanical Joint Ductile Iron Wye (Lateral)	3,155.35	233.13
		For Cement Mortar Lining (CML), Add	*280.21*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*504.38*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*210.16*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0112	EA	16" x 12" Mechanical Joint Ductile Iron Wye (Lateral)	3,528.87	240.91
		For Cement Mortar Lining (CML), Add	*316.39*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*569.49*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*237.29*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0113	EA	16" x 14" Mechanical Joint Ductile Iron Wye (Lateral)	4,414.33	253.79
		For Cement Mortar Lining (CML), Add	*402.98*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*725.36*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*302.23*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0114	EA	16" x 16" Mechanical Joint Ductile Iron Wye (Lateral)	4,258.07	271.90
		For Cement Mortar Lining (CML), Add	*384.61*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*692.30*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*288.46*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0115	EA	18" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	3,828.04	278.78
		For Cement Mortar Lining (CML), Add	*340.56*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*613.02*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*255.42*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0116	EA	18" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	4,120.98	286.56
		For Cement Mortar Lining (CML), Add	*368.68*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*663.62*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*276.51*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0117	EA	18" x 10" Mechanical Joint Ductile Iron Wye (Lateral)	4,404.14	294.08
		For Cement Mortar Lining (CML), Add	*395.86*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*712.54*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*296.89*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0118	EA	18" x 12" Mechanical Joint Ductile Iron Wye (Lateral)	4,712.08	301.87
		For Cement Mortar Lining (CML), Add	*425.47*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*765.85*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*319.10*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0119	EA	18" x 14" Mechanical Joint Ductile Iron Wye (Lateral)	4,765.32	314.73
		For Cement Mortar Lining (CML), Add	*428.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*771.92*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*321.63*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0120	EA	18" x 16" Mechanical Joint Ductile Iron Wye (Lateral)	4,815.26	332.85
		For Cement Mortar Lining (CML), Add	*431.09*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*775.97*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*323.32*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0121	EA	18" x 18" Mechanical Joint Ductile Iron Wye (Lateral)	4,407.84	363.33
		For Cement Mortar Lining (CML), Add	*385.74*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*694.32*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*289.30*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0122	EA	20" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	4,545.55	399.77
		For Cement Mortar Lining (CML), Add	*393.98*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*709.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*295.49*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0123	EA	20" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	4,645.43	407.57
		For Cement Mortar Lining (CML), Add	*402.79*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*725.02*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*302.09*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0124	EA	20" x 10" Mechanical Joint Ductile Iron Wye (Lateral)	5,099.16	415.07
		For Cement Mortar Lining (CML), Add	*447.03*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*804.65*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*335.27*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0125	EA	20" x 12" Mechanical Joint Ductile Iron Wye (Lateral)	5,549.53	422.86
		For Cement Mortar Lining (CML), Add	*490.88*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*883.59*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*368.16*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0126	EA	20" x 14" Mechanical Joint Ductile Iron Wye (Lateral)	5,606.53	435.73
		For Cement Mortar Lining (CML), Add	*494.63*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*890.34*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*370.97*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0127	EA	20" x 16" Mechanical Joint Ductile Iron Wye (Lateral)	5,673.34	453.85
		For Cement Mortar Lining (CML), Add	*498.57*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*897.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*373.93*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0128	EA	20" x 18" Mechanical Joint Ductile Iron Wye (Lateral)	6,570.45	484.32
		For Cement Mortar Lining (CML), Add	*583.66*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,050.59*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*437.75*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0129	EA	20" x 20" Mechanical Joint Ductile Iron Wye (Lateral)	6,231.02	544.81
		For Cement Mortar Lining (CML), Add	*540.55*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*973.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*405.42*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0130	EA	24" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	5,528.64	520.40
		For Cement Mortar Lining (CML), Add	*474.02*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*853.23*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*355.51*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0131	EA	24" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	5,600.41	528.18
		For Cement Mortar Lining (CML), Add	*480.01*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*864.02*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*360.01*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0132	EA	24" x 10" Mechanical Joint Ductile Iron Wye (Lateral)	6,232.20	535.70
		For Cement Mortar Lining (CML), Add	*542.05*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*975.70*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*406.54*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0133	EA	24" x 12" Mechanical Joint Ductile Iron Wye (Lateral)	6,521.37	543.49
		For Cement Mortar Lining (CML), Add	*569.79*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,025.63*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*427.34*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0134	EA	24" x 14" Mechanical Joint Ductile Iron Wye (Lateral)	7,523.03	556.36
		For Cement Mortar Lining (CML), Add	*668.01*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,202.41*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*501.01*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0135	EA	24" x 16" Mechanical Joint Ductile Iron Wye (Lateral)	8,354.57	574.46
		For Cement Mortar Lining (CML), Add	*748.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,347.15*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*561.31*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0136	EA	24" x 18" Mechanical Joint Ductile Iron Wye (Lateral)	9,345.40	604.95
		For Cement Mortar Lining (CML), Add	*842.88*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,517.19*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*632.16*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0137	EA	24" x 20" Mechanical Joint Ductile Iron Wye (Lateral)	10,267.39	665.44
		For Cement Mortar Lining (CML), Add	*925.91*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,666.65*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*694.44*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0138	EA	24" x 24" Mechanical Joint Ductile Iron Wye (Lateral)	9,121.71	725.74
		For Cement Mortar Lining (CML), Add	*802.21*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,443.98*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*601.66*	
		Note: ANSI/AWWA C151/A21.51		

33 14 13 13-0139 Mechanical Joint Ductile Iron Cross *(33 14 13 13-0002)*

33 14 13 13-0140	EA	3" x 3" Mechanical Joint Ductile Iron Cross	377.15	89.34
		For Cement Mortar Lining (CML), Add	*24.18*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*43.52*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*18.13*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0141	EA	4" x 3" Mechanical Joint Ductile Iron Cross	456.57	97.21
		For Cement Mortar Lining (CML), Add	*30.93*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*55.67*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*23.19*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0142	EA	4" x 4" Mechanical Joint Ductile Iron Cross	541.03	98.54
		For Cement Mortar Lining (CML), Add	*39.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*70.51*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*29.38*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0143	EA	6" x 3" Mechanical Joint Ductile Iron Cross	645.71	121.79
		For Cement Mortar Lining (CML), Add	*46.11*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*82.99*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*34.58*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0144	EA	6" x 4" Mechanical Joint Ductile Iron Cross	626.40	131.38
		For Cement Mortar Lining (CML), Add	*42.73*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*76.92*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*32.05*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0145	EA	6" x 6" Mechanical Joint Ductile Iron Cross	728.65	164.22
		For Cement Mortar Lining (CML), Add	*47.98*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*86.37*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*35.99*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0146	EA	8" x 4" Mechanical Joint Ductile Iron Cross	643.22	143.70
		For Cement Mortar Lining (CML), Add	*42.55*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*76.58*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*31.91*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0147	EA	8" x 6" Mechanical Joint Ductile Iron Cross	764.18	176.56
		For Cement Mortar Lining (CML), Add	*49.67*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*89.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*37.25*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0148	EA	8" x 8" Mechanical Joint Ductile Iron Cross	809.12	188.86
		For Cement Mortar Lining (CML), Add	*52.29*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*94.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*39.22*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0149	EA	10" x 4" Mechanical Joint Ductile Iron Cross	782.73	150.43
		For Cement Mortar Lining (CML), Add	*55.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*99.86*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*41.61*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0150	EA	10" x 6" Mechanical Joint Ductile Iron Cross	897.36	181.55
		For Cement Mortar Lining (CML), Add	*62.23*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*112.01*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*46.67*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0151	EA	10" x 8" Mechanical Joint Ductile Iron Cross	1,065.00	193.24
		For Cement Mortar Lining (CML), Add	*77.22*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*139.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*57.92*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0152	EA	10" x 10" Mechanical Joint Ductile Iron Cross	1,152.22	207.47
		For Cement Mortar Lining (CML), Add	*83.78*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*150.81*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*62.84*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0153	EA	12 x 4" Mechanical Joint Ductile Iron Cross	948.55	163.38
		For Cement Mortar Lining (CML), Add	*70.10*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*126.18*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*52.58*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0154	EA	12" x 6" Mechanical Joint Ductile Iron Cross	1,102.53	194.50
		For Cement Mortar Lining (CML), Add	*80.78*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*145.41*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*60.59*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0155	EA	12" x 8" Mechanical Joint Ductile Iron Cross	1,586.93	206.18
		For Cement Mortar Lining (CML), Add	*127.45*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*229.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*95.59*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0156	EA	12" x 10" Mechanical Joint Ductile Iron Cross	1,608.57	220.46
		For Cement Mortar Lining (CML), Add	*127.45*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*229.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*95.59*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0157	EA	12" x 12" Mechanical Joint Ductile Iron Cross	1,824.98	233.40
		For Cement Mortar Lining (CML), Add	*147.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*264.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*110.35*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0158		**Mechanical Joint x Mechanical Joint Ductile Iron Reducers** *(33 14 13 13-0002)*		
33 14 13 13-0159	EA	4" x 3" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	182.36	48.61
		For Cement Mortar Lining (CML), Add	*10.87*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*19.57*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*8.15*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0160	EA	6" x 3" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	212.27	60.92
		For Cement Mortar Lining (CML), Add	*12.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*21.59*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*9.00*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0161	EA	6" x 4" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	229.49	64.86
		For Cement Mortar Lining (CML), Add	*13.12*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*23.62*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*9.84*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0162	EA	8" x 4" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	290.78	73.09
		For Cement Mortar Lining (CML), Add	*17.99*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*32.39*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*13.49*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0163	EA	8" x 6" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	320.57	85.39
		For Cement Mortar Lining (CML), Add	*19.12*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*34.41*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*14.34*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0164	EA	10" x 4" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	350.60	76.76
		For Cement Mortar Lining (CML), Add	*23.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*42.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*17.57*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0165	EA	10" x 6" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	381.39	88.44
		For Cement Mortar Lining (CML), Add	*24.74*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*44.53*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*18.56*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0166	EA	10" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	417.57	96.21
		For Cement Mortar Lining (CML), Add	*27.18*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*48.92*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*20.38*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0167	EA	12" x 4" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	424.22	84.54
		For Cement Mortar Lining (CML), Add	*29.61*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*53.31*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*22.21*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0168	EA	12" x 6" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	471.89	96.21
		For Cement Mortar Lining (CML), Add	*32.61*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*58.70*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*24.46*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0169	EA	12" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	493.07	103.99
		For Cement Mortar Lining (CML), Add	*33.55*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*60.39*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*25.16*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0170	EA	12" x 10" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	540.08	111.51
		For Cement Mortar Lining (CML), Add	*37.11*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*66.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*27.83*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0171		**Mechanical Joint Ductile Iron Caps** *(33 14 13 13-0002)*		
33 14 13 13-0172	EA	3" Mechanical Joint Ductile Iron Caps	204.24	102.63
		For Cement Mortar Lining (CML), Add	*4.87*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*8.77*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*3.65*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0173	EA	4" Mechanical Joint Ductile Iron Caps	233.08	120.43
		For Cement Mortar Lining (CML), Add	*5.06*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*9.11*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*3.80*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0174	EA	6" Mechanical Joint Ductile Iron Caps	318.06	150.54
		For Cement Mortar Lining (CML), Add	*9.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*16.19*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*6.75*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0175	EA	8" Mechanical Joint Ductile Iron Caps	410.62	172.06
		For Cement Mortar Lining (CML), Add	*15.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*26.99*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*11.25*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0176	EA	10" Mechanical Joint Ductile Iron Caps	582.24	259.34
		For Cement Mortar Lining (CML), Add	*18.93*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*34.08*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*14.20*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0177	EA	12" Mechanical Joint Ductile Iron Caps	711.68	282.91
		For Cement Mortar Lining (CML), Add	*28.30*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*50.94*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*21.23*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0178		**Mechanical Joint Ductile Iron Plug** *(33 14 13 13-0002)*		
33 14 13 13-0179	EA	3" Mechanical Joint Ductile Iron Plug	211.74	102.63
		For Cement Mortar Lining (CML), Add	*5.62*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*10.12*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*4.22*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0180	EA	4" Mechanical Joint Ductile Iron Plug	244.32	120.43
		For Cement Mortar Lining (CML), Add	*6.19*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*11.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*4.64*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0181	EA	6" Mechanical Joint Ductile Iron Plug	348.05	150.54
		For Cement Mortar Lining (CML), Add	*12.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*21.59*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*9.00*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0182	EA	8" Mechanical Joint Ductile Iron Plug	440.60	172.06
		For Cement Mortar Lining (CML), Add	*17.99*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*32.39*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*13.49*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0183	EA	10" Mechanical Joint Ductile Iron Plug	704.07	259.34
		For Cement Mortar Lining (CML), Add	*31.11*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*56.01*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*23.34*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0184	EA	12" Mechanical Joint Ductile Iron Plug	745.42	282.91
		For Cement Mortar Lining (CML), Add	*31.68*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*57.02*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*23.76*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0185	EA	14" Mechanical Joint Ductile Iron Plug	1,116.28	311.20
		For Cement Mortar Lining (CML), Add	*64.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*116.06*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*48.36*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0186	EA	16" Mechanical Joint Ductile Iron Plug	606.38	345.74
		For Cement Mortar Lining (CML), Add	*8.25*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*14.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*6.19*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0187	EA	18" Mechanical Joint Ductile Iron Plug	1,612.77	389.00
		For Cement Mortar Lining (CML), Add	*102.34*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*184.21*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*76.75*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0188	EA	20" Mechanical Joint Ductile Iron Plug	2,019.36	444.53
		For Cement Mortar Lining (CML), Add	*134.58*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*242.24*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*100.93*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0189	EA	24" Mechanical Joint Ductile Iron Plug	2,652.68	518.67
		For Cement Mortar Lining (CML), Add	*186.68*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*336.03*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*140.01*	
		Note: ANSI/AWWA C151/A21.51		

33 14 13 13-0190 Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters *(33 14 13 13-0002)*

33 14 13 13-0191	EA	3" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	358.21	156.02
		For Cement Mortar Lining (CML), Add	*12.18*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*21.93*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*9.14*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0192	EA	4" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	404.90	180.64
		For Cement Mortar Lining (CML), Add	*13.12*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*23.62*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*9.84*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0193	EA	6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	523.94	225.81
		For Cement Mortar Lining (CML), Add	*18.18*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*32.73*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*13.64*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0194	EA	8" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	666.52	258.03
		For Cement Mortar Lining (CML), Add	*27.55*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*49.59*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*20.66*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0195	EA	10" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	1,069.22	389.00
		For Cement Mortar Lining (CML), Add	*47.98*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*86.37*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*35.99*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0196	EA	12" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	1,257.75	424.37
		For Cement Mortar Lining (CML), Add	*61.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*110.66*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*46.11*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0197		Mechanical Joint Ductile Iron Long Sleeves *(33 14 13 13-0002)*		
33 14 13 13-0198	EA	3" Mechanical Joint Ductile Iron Long Sleeves	339.47	156.02
		For Cement Mortar Lining (CML), Add	*10.31*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*18.56*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*7.73*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0199	EA	4" Mechanical Joint Ductile Iron Long Sleeves	395.53	180.64
		For Cement Mortar Lining (CML), Add	*12.18*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*21.93*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*9.14*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0200	EA	6" Mechanical Joint Ductile Iron Long Sleeves	546.43	225.81
		For Cement Mortar Lining (CML), Add	*20.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*36.77*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*15.32*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0201	EA	8" Mechanical Joint Ductile Iron Long Sleeves	726.50	258.03
		For Cement Mortar Lining (CML), Add	*33.55*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*60.39*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*25.16*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0202	EA	10" Mechanical Joint Ductile Iron Long Sleeves	988.62	389.00
		For Cement Mortar Lining (CML), Add	*39.92*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*71.86*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*29.94*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0203	EA	12" Mechanical Joint Ductile Iron Long Sleeves	1,182.77	424.37
		For Cement Mortar Lining (CML), Add	*53.98*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*97.16*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*40.49*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0204		Mechanical Joint Ductile Iron Gland Packs *(33 14 13 13-0002)*		
		Note: Includes ductile iron retainer gland, gasket, break off torque bolts and all nuts.		
33 14 13 13-0205		Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts *(33 14 13 13-0204)*		
		Note: Labor installation is included with pipe fittings or valves.		
33 14 13 13-0206	EA	3" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts	37.49	
33 14 13 13-0207	EA	4" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts	34.14	
		Note: Includes four (4) 3/4" diameter plain finish bolts with nut.		
33 14 13 13-0208	EA	6" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts	41.25	
		Note: Includes six (6) 3/4" diameter plain finish bolts with nut.		
33 14 13 13-0209	EA	8" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts	48.36	
		Note: Includes six (6) 3/4" diameter plain finish bolts with nut.		
33 14 13 13-0210	EA	10" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts	66.85	
		Note: Includes eight (8) 3/4" diameter plain finish bolts with nut.		
33 14 13 13-0211	EA	12" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts	71.12	
		Note: Includes eight (8) 3/4" diameter plain finish bolts with nut.		
33 14 13 13-0212	EA	14" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts	116.64	
		Note: Includes ten (10) 3/4" diameter plain finish bolts with nut.		
33 14 13 13-0213	EA	16" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts	123.75	
		Note: Includes twelve (12) 3/4" diameter plain finish bolts with nut.		
33 14 13 13-0214	EA	18" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts	165.00	
		Note: Includes twelve (12) 3/4" diameter plain finish bolts with nut.		
33 14 13 13-0215	EA	20" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts	213.36	
		Note: Includes fourteen (14) 3/4" diameter plain finish bolts with nut.		
33 14 13 13-0216	EA	24" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts	297.28	
		Note: Includes sixteen (16) 3/4" diameter plain finish bolts with nut.		
33 14 13 13-0217		Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts *(33 14 13 13-0204)*		
		Note: Labor installation is included with pipe fittings or valves.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0218	EA	3" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts	63.73	
33 14 13 13-0219	EA	4" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes four (4) 3/4" diameter plain finish bolts with nut.	48.36	
33 14 13 13-0220	EA	6" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes six (6) 3/4" diameter plain finish bolts with nut.	61.16	
33 14 13 13-0221	EA	8" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes six (6) 3/4" diameter plain finish bolts with nut.	66.85	
33 14 13 13-0222	EA	10" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes eight (8) 3/4" diameter plain finish bolts with nut.	92.46	
33 14 13 13-0223	EA	12" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes eight (8) 3/4" diameter plain finish bolts with nut.	96.72	
33 14 13 13-0224	EA	14" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes ten (10) 3/4" diameter plain finish bolts with nut.	146.51	
33 14 13 13-0225	EA	16" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes twelve (12) 3/4" diameter plain finish bolts with nut.	160.73	
33 14 13 13-0226	EA	18" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes twelve (12) 3/4" diameter plain finish bolts with nut.	213.36	
33 14 13 13-0227	EA	20" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes fourteen (14) 3/4" diameter plain finish bolts with nut.	275.95	
33 14 13 13-0228	EA	24" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes sixteen (16) 3/4" diameter plain finish bolts with nut.	385.47	
33 14 13 13-0229		Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts *(33 14 13 13-0204)* Note: Labor installation is included with pipe fittings or valves.		
33 14 13 13-0230	EA	3" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts	41.24	
33 14 13 13-0231	EA	4" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes four (4) 3/4" diameter plain finish bolts with nut.	36.98	
33 14 13 13-0232	EA	6" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes six (6) 3/4" diameter plain finish bolts with nut.	44.09	
33 14 13 13-0233	EA	8" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes six (6) 3/4" diameter plain finish bolts with nut.	52.63	
33 14 13 13-0234	EA	10" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes eight (8) 3/4" diameter plain finish bolts with nut.	72.54	
33 14 13 13-0235	EA	12" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes eight (8) 3/4" diameter plain finish bolts with nut.	76.81	
33 14 13 13-0236	EA	14" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes ten (10) 3/4" diameter plain finish bolts with nut.	126.59	
33 14 13 13-0237	EA	16" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes twelve (12) 3/4" diameter plain finish bolts with nut.	133.71	
33 14 13 13-0238	EA	18" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes twelve (12) 3/4" diameter plain finish bolts with nut.	180.64	
33 14 13 13-0239	EA	20" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes fourteen (14) 3/4" diameter plain finish bolts with nut.	231.85	
33 14 13 13-0240	EA	24" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes sixteen (16) 3/4" diameter plain finish bolts with nut.	324.31	
33 14 13 13-0241		Mechanical Joint Restraints With Accessories For Ductile Iron Pipe (MEGALUG® 1100DEC Series) *(33 14 13 13-0002)* Note: Includes ductile iron retainer gland, gasket, break off torque bolts and all nuts and bolts. Excludes pipe and fitting.		
33 14 13 13-0242	EA	3" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1103DSC)	214.96	78.25
33 14 13 13-0243	EA	4" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1104DEC)	245.14	92.69
33 14 13 13-0244	EA	6" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1106DEC)	304.11	114.71
33 14 13 13-0245	EA	8" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1108DEC)	379.64	133.87
33 14 13 13-0246	EA	10" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1110DEC)	547.45	194.50
33 14 13 13-0247	EA	12" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1112DEC)	675.62	222.32
33 14 13 13-0248		Mechanical Joint Ductile Iron Force Balanced Flexible Expansion Joint (FLEX-TEND®) *(33 14 13 13-0002)*		
33 14 13 13-0249	EA	3" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	4,638.81	64.05
33 14 13 13-0250	EA	4" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	4,829.62	80.06
33 14 13 13-0251	EA	6" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	7,008.06	118.31
33 14 13 13-0252	EA	8" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	9,524.63	140.34
33 14 13 13-0253	EA	10" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	12,006.33	155.25
33 14 13 13-0254	EA	12" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	16,015.10	182.12
33 14 13 13-0255	EA	14" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	19,729.66	204.22
33 14 13 13-0256	EA	16" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	23,341.55	233.40
33 14 13 13-0257	EA	18" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	26,312.38	326.76
33 14 13 13-0258	EA	20" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	35,399.93	408.45
33 14 13 13-0259	EA	24" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	49,051.80	544.60
33 14 13 13-0260		Set Screw Flange Adapter For Ductile Iron Pipe (E-Z Flange 1000DSM Series) *(33 14 13 13-0002)* Note: Includes machined bolts and gasket.		
33 14 13 13-0261	EA	3" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBAA Iron 1003DSM)	213.40	78.25
33 14 13 13-0262	EA	4" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBAA Iron 1004DSM)	274.00	92.69
33 14 13 13-0263	EA	6" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBAA Iron 1006DSM)	354.15	114.71

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0264	EA	8" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBAA Iron 1008DSM)	404.18	133.87
33 14 13 13-0265	EA	10" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBAA Iron 1010DSM)	710.14	205.28
33 14 13 13-0266	EA	12" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBAA Iron 1012DSM)	803.69	234.64

33 14 13 13-0267 Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 2100 Series) *(33 14 13 13-0002)*

Note: Includes nuts, bolts and gasket.

33 14 13 13-0268	EA	3" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 210300))	311.44	78.25
33 14 13 13-0269	EA	4" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 210400)	387.43	92.69
33 14 13 13-0270	EA	6" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 210600)	536.53	114.71
33 14 13 13-0271	EA	8" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 210800)	776.07	133.87
33 14 13 13-0272	EA	10" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 211000)	1,124.20	205.28
33 14 13 13-0273	EA	12" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 211200)	1,397.99	234.64
33 14 13 13-0274	EA	14" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 211400)	2,155.15	252.55
33 14 13 13-0275	EA	16" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 211600)	3,021.20	273.70
33 14 13 13-0276	EA	18" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 211800)	3,417.00	328.44
33 14 13 13-0277	EA	20" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 212000)	3,774.50	364.77
33 14 13 13-0278	EA	24" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 212400)	4,566.45	420.88
33 14 13 13-0279	EA	30" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 213000)	5,875.38	504.74
33 14 13 13-0280	EA	36" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 213600)	8,776.90	631.63
33 14 13 13-0281	EA	42" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 214200)	22,903.18	728.80
33 14 13 13-0282	EA	48" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 214800)	29,335.66	937.31

33 14 13 13-0283 Mechanical Joint x Restrained Plain End Ductile Iron Flexible Ball Joint *(33 14 13 13-0002)*

Note: All internal surfaces (wetted parts) shall be lined with a minimum of 15 mils of fusion bonded epoxy conforming to the applicable requirements of ANSI/AWWA C213. Sealing gaskets shall be constructed of EPDM. The coating shall meet ANSI/NSF-61. Exterior surfaces shall be coated with a minimum of 6 mils of fusion bonded epoxy conforming to the applicable requirements of ANSI/AWWA C116/A21.16.

33 14 13 13-0284	EA	4" Diameter, Mechanical Joint x Restrained Plain End, Ductile Iron, Flexible Ball Joint	1,259.78	120.43
33 14 13 13-0285	EA	6" Diameter, Mechanical Joint x Restrained Plain End, Ductile Iron, Flexible Ball Joint	1,999.84	150.54
33 14 13 13-0286	EA	8" Diameter, Mechanical Joint x Restrained Plain End, Ductile Iron, Flexible Ball Joint	2,650.50	172.06
33 14 13 13-0287	EA	10" Diameter, Mechanical Joint x Restrained Plain End, Ductile Iron, Flexible Ball Joint	3,662.07	259.34
33 14 13 13-0288	EA	12" Diameter, Mechanical Joint x Restrained Plain End, Ductile Iron, Flexible Ball Joint	4,786.20	282.91
33 14 13 13-0289	EA	14" Diameter, Mechanical Joint x Restrained Plain End, Ductile Iron, Flexible Ball Joint	5,542.58	311.20
33 14 13 13-0290	EA	16" Diameter, Mechanical Joint x Restrained Plain End, Ductile Iron, Flexible Ball Joint	6,160.79	345.74
33 14 13 13-0291	EA	18" Diameter, Mechanical Joint x Restrained Plain End, Ductile Iron, Flexible Ball Joint	8,809.03	389.00
33 14 13 13-0292	EA	20" Diameter, Mechanical Joint x Restrained Plain End, Ductile Iron, Flexible Ball Joint	9,002.77	444.53
33 14 13 13-0293	EA	24" Diameter, Mechanical Joint x Restrained Plain End, Ductile Iron, Flexible Ball Joint	15,718.68	518.67
33 14 13 13-0294	EA	30" Diameter, Mechanical Joint x Restrained Plain End, Ductile Iron, Flexible Ball Joint	54,968.17	622.40
33 14 13 13-0295	EA	36" Diameter, Mechanical Joint x Restrained Plain End, Ductile Iron, Flexible Ball Joint	78,039.55	778.01

33 14 13 13-0296 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Piping *(33 14 13 13-0001)*

See CSI section 33 14 13 13-0204 for bolts and gaskets.

33 14 13 13-0297 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow *(33 14 13 13-0296)*

33 14 13 13-0298	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	466.91	44.66
33 14 13 13-0299	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	558.82	53.49
33 14 13 13-0300	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	867.29	78.38
33 14 13 13-0301	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	1,185.82	93.31
33 14 13 13-0302	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	1,626.25	103.74
33 14 13 13-0303	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	2,061.95	121.42
33 14 13 13-0304	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	2,931.53	136.74
33 14 13 13-0305	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	3,557.06	155.60
33 14 13 13-0306	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	4,297.95	218.08
33 14 13 13-0307	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	5,357.01	272.30
33 14 13 13-0308	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	7,574.42	363.06

33 14 13 13-0309 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow *(33 14 13 13-0296)*

33 14 13 13-0310	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	446.29	44.66
33 14 13 13-0311	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	523.21	53.49
33 14 13 13-0312	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	805.44	78.38
33 14 13 13-0313	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	1,090.23	93.31
33 14 13 13-0314	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	1,423.82	103.74
33 14 13 13-0315	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	1,880.14	121.42
33 14 13 13-0316	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	2,541.67	136.74
33 14 13 13-0317	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	3,043.49	155.60
33 14 13 13-0318	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	3,598.82	218.08
33 14 13 13-0319	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	4,369.24	272.30
33 14 13 13-0320	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	5,758.21	363.06

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0321		**Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow** *(33 14 13 13-0296)*		
33 14 13 13-0322	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	346.95	44.66
33 14 13 13-0323	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	517.59	53.49
33 14 13 13-0324	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	782.95	78.38
33 14 13 13-0325	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	1,082.73	93.31
33 14 13 13-0326	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	1,421.95	103.74
33 14 13 13-0327	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	1,771.43	121.42
33 14 13 13-0328	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	2,556.67	136.74
33 14 13 13-0329	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	2,976.02	155.60
33 14 13 13-0330	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	3,581.96	218.08
33 14 13 13-0331	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	4,524.81	272.30
33 14 13 13-0332	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	5,634.50	363.06
33 14 13 13-0333	EA	30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	9,430.56	389.00
33 14 13 13-0334	EA	36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	12,875.51	404.32
33 14 13 13-0335	EA	42" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	18,427.09	466.80
33 14 13 13-0336	EA	48" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	23,596.63	496.28
33 14 13 13-0337		**Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow** *(33 14 13 13-0296)*		
33 14 13 13-0338	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	346.95	44.66
33 14 13 13-0339	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	620.67	53.49
33 14 13 13-0340	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	790.45	78.38
33 14 13 13-0341	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	1,048.99	93.31
33 14 13 13-0342	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	1,418.20	103.74
33 14 13 13-0343	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	1,720.82	121.42
33 14 13 13-0344	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	2,753.47	136.74
33 14 13 13-0345	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	3,067.86	155.60
33 14 13 13-0346	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	4,114.26	218.08
33 14 13 13-0347	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	4,363.62	272.30
33 14 13 13-0348	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	5,636.37	363.06
33 14 13 13-0349		**Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow** *(33 14 13 13-0296)*		
33 14 13 13-0350	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	408.81	44.66
33 14 13 13-0351	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	601.93	53.49
33 14 13 13-0352	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	938.52	78.38
33 14 13 13-0353	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	1,275.78	93.31
33 14 13 13-0354	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	1,757.45	103.74
33 14 13 13-0355	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	2,206.27	121.42
33 14 13 13-0356	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	3,968.03	136.74
33 14 13 13-0357	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	6,194.22	155.60
33 14 13 13-0358	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	7,077.56	218.08
33 14 13 13-0359	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	8,157.24	272.30
33 14 13 13-0360	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	8,818.97	363.06
33 14 13 13-0361		**Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow** *(33 14 13 13-0296)*		
33 14 13 13-0362	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	408.81	44.66
33 14 13 13-0363	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	530.70	53.49
33 14 13 13-0364	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	835.43	78.38
33 14 13 13-0365	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	1,182.07	93.31
33 14 13 13-0366	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	1,568.14	103.74
33 14 13 13-0367	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	2,041.33	121.42
33 14 13 13-0368	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	2,721.61	136.74
33 14 13 13-0369	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	3,270.28	155.60
33 14 13 13-0370	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	6,121.65	218.08

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0371	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	6,421.62	272.30
33 14 13 13-0372	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	6,685.99	363.06
33 14 13 13-0373		**Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee** *(33 14 13 13-0296)*		
33 14 13 13-0374	EA	3" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	575.72	67.01
33 14 13 13-0375	EA	4" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	628.01	75.54
33 14 13 13-0376	EA	4" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	662.99	78.38
33 14 13 13-0377	EA	6" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	945.25	99.36
33 14 13 13-0378	EA	6" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,024.56	103.26
33 14 13 13-0379	EA	6" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,080.70	115.70
33 14 13 13-0380	EA	8" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,257.51	119.44
33 14 13 13-0381	EA	8" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,360.52	131.87
33 14 13 13-0382	EA	8" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,496.68	140.58
33 14 13 13-0383	EA	10" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,688.72	128.49
33 14 13 13-0384	EA	10" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,685.79	140.27
33 14 13 13-0385	EA	10" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,826.91	148.53
33 14 13 13-0386	EA	10" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,971.38	155.60
33 14 13 13-0387	EA	12" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	2,032.80	143.81
33 14 13 13-0388	EA	12" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	2,050.47	155.60
33 14 13 13-0389	EA	12" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	2,217.85	163.85
33 14 13 13-0390	EA	12" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	2,557.24	170.92
33 14 13 13-0391	EA	12" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	2,563.40	179.17
33 14 13 13-0392	EA	14" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	2,904.82	181.53
33 14 13 13-0393	EA	14" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	3,143.42	189.79
33 14 13 13-0394	EA	14" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	3,816.44	196.86
33 14 13 13-0395	EA	14" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	4,028.78	205.11
33 14 13 13-0396	EA	14" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	3,731.53	218.08
33 14 13 13-0397	EA	16" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	3,475.06	218.08
33 14 13 13-0398	EA	16" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	3,663.15	225.15
33 14 13 13-0399	EA	16" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	4,396.15	233.40
33 14 13 13-0400	EA	16" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	4,123.03	240.47
33 14 13 13-0401	EA	16" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	5,381.48	253.44
33 14 13 13-0402	EA	16" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	4,867.23	272.30
33 14 13 13-0403	EA	18" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	4,562.77	279.37
33 14 13 13-0404	EA	18" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	4,812.60	286.44
33 14 13 13-0405	EA	18" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	5,129.51	293.52
33 14 13 13-0406	EA	18" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	5,422.44	301.77
33 14 13 13-0407	EA	18" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	5,571.28	314.73
33 14 13 13-0408	EA	18" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	5,952.97	332.42
33 14 13 13-0409	EA	18" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	6,645.78	363.06
33 14 13 13-0410	EA	20" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	5,242.80	399.61
33 14 13 13-0411	EA	20" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	5,331.43	407.86
33 14 13 13-0412	EA	20" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	5,860.14	414.93
33 14 13 13-0413	EA	20" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	6,149.32	423.19
33 14 13 13-0414	EA	20" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	6,210.06	436.15
33 14 13 13-0415	EA	20" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	6,130.68	453.83
33 14 13 13-0416	EA	20" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	7,841.24	484.48
33 14 13 13-0417	EA	20" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	6,680.86	544.60
33 14 13 13-0418	EA	24" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	6,362.71	519.84
33 14 13 13-0419	EA	24" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	6,423.24	529.28
33 14 13 13-0420	EA	24" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	6,539.59	535.17
33 14 13 13-0421	EA	24" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	6,712.55	543.42
33 14 13 13-0422	EA	24" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	7,637.36	556.39
33 14 13 13-0423	EA	24" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	7,966.59	574.07
33 14 13 13-0424	EA	24" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	9,808.35	604.72
33 14 13 13-0425	EA	24" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	10,124.94	666.01
33 14 13 13-0426	EA	24" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	9,494.70	726.14
33 14 13 13-0427		**Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Laterals)** *(33 14 13 13-0296)*		
33 14 13 13-0428	EA	3" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	645.77	74.89
33 14 13 13-0429	EA	4" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	711.37	74.89
33 14 13 13-0430	EA	4" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	835.43	78.38
33 14 13 13-0431	EA	6" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	920.89	99.36
33 14 13 13-0432	EA	6" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	1,028.31	103.26
33 14 13 13-0433	EA	6" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	1,258.77	115.70
33 14 13 13-0434	EA	8" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	1,656.74	119.44
33 14 13 13-0435	EA	8" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	1,525.46	131.87
33 14 13 13-0436	EA	8" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	1,715.97	140.58
33 14 13 13-0437	EA	10" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	2,436.58	128.49
33 14 13 13-0438	EA	10" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	2,536.73	140.27
33 14 13 13-0439	EA	10" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	2,839.05	148.53
33 14 13 13-0440	EA	10" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	3,099.72	155.60
33 14 13 13-0441	EA	12" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	2,975.58	143.81
33 14 13 13-0442	EA	12" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	3,375.62	155.60

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0443	EA	12" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	3,998.45	163.85
33 14 13 13-0444	EA	12" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	4,000.46	170.92
33 14 13 13-0445	EA	12" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	3,688.00	179.17
33 14 13 13-0446	EA	14" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	4,389.28	181.53
33 14 13 13-0447	EA	14" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	5,049.61	189.79
33 14 13 13-0448	EA	14" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	6,663.53	196.86
33 14 13 13-0449	EA	14" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	7,147.65	205.11
33 14 13 13-0450	EA	14" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	6,960.98	218.08
33 14 13 13-0451	EA	16" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	4,564.14	218.08
33 14 13 13-0452	EA	16" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	5,044.52	225.15
33 14 13 13-0453	EA	16" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	5,994.94	233.40
33 14 13 13-0454	EA	16" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	6,184.78	240.47
33 14 13 13-0455	EA	16" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	7,670.02	253.44
33 14 13 13-0456	EA	16" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	7,247.61	272.30
33 14 13 13-0457	EA	18" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	6,474.58	279.37
33 14 13 13-0458	EA	18" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	6,986.81	286.44
33 14 13 13-0459	EA	18" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	7,481.78	293.52
33 14 13 13-0460	EA	18" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	8,018.38	301.77
33 14 13 13-0461	EA	18" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	8,097.87	314.73
33 14 13 13-0462	EA	18" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	8,187.16	332.42
33 14 13 13-0463	EA	18" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	7,406.75	363.06
33 14 13 13-0464	EA	20" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	7,608.19	399.61
33 14 13 13-0465	EA	20" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	7,775.55	407.86
33 14 13 13-0466	EA	20" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	8,574.15	414.93
33 14 13 13-0467	EA	20" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	9,365.65	423.19
33 14 13 13-0468	EA	20" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	9,450.76	436.15
33 14 13 13-0469	EA	20" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	9,549.43	453.83
33 14 13 13-0470	EA	20" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	11,106.31	484.48
33 14 13 13-0471	EA	20" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	10,433.24	544.60
33 14 13 13-0472	EA	24" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	9,213.55	519.84
33 14 13 13-0473	EA	24" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	9,332.18	528.10
33 14 13 13-0474	EA	24" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	10,445.67	535.17
33 14 13 13-0475	EA	24" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	10,950.39	543.42
33 14 13 13-0476	EA	24" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	12,714.89	556.39
33 14 13 13-0477	EA	24" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	14,172.46	574.07
33 14 13 13-0478	EA	24" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	15,896.15	604.72
33 14 13 13-0479	EA	24" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	17,464.78	666.01
33 14 13 13-0480	EA	24" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	15,357.57	726.14

33 14 13 13-0481 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee *(33 14 13 13-0296)*

33 14 13 13-0482	EA	6" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	1,150.05	115.70
33 14 13 13-0483	EA	8" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	1,431.75	131.87
33 14 13 13-0484	EA	10" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	2,060.65	140.27
33 14 13 13-0485	EA	12" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	2,372.85	155.60
33 14 13 13-0486	EA	14" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	3,142.86	181.53
33 14 13 13-0487	EA	16" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	3,829.41	218.08
33 14 13 13-0488	EA	18" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	4,515.91	279.37
33 14 13 13-0489	EA	20" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	6,065.62	399.61
33 14 13 13-0490	EA	24" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	7,072.84	519.84

33 14 13 13-0491 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross *(33 14 13 13-0296)*

33 14 13 13-0492	EA	3" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	639.55	89.34
33 14 13 13-0493	EA	4" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	801.45	97.21
33 14 13 13-0494	EA	4" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,005.86	98.29
33 14 13 13-0495	EA	6" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,063.69	121.85
33 14 13 13-0496	EA	6" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,246.80	131.87
33 14 13 13-0497	EA	6" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,373.41	164.22
33 14 13 13-0498	EA	8" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,323.60	144.32
33 14 13 13-0499	EA	8" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,558.90	176.67
33 14 13 13-0500	EA	8" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,540.10	189.10
33 14 13 13-0501	EA	10" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,558.70	150.88
33 14 13 13-0502	EA	10" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,744.56	181.53
33 14 13 13-0503	EA	10" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	2,077.13	193.33
33 14 13 13-0504	EA	10" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	2,250.57	207.47
33 14 13 13-0505	EA	12 x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	2,009.41	163.85
33 14 13 13-0506	EA	12" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	2,324.59	194.50
33 14 13 13-0507	EA	12" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	2,524.09	206.29
33 14 13 13-0508	EA	12" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	2,948.71	220.43

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0509	EA	12" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	3,371.30	233.40
33 14 13 13-0510	EA	14" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	3,491.76	213.36
33 14 13 13-0511	EA	14" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	4,146.72	225.15
33 14 13 13-0512	EA	14" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	4,245.20	240.47
33 14 13 13-0513	EA	14" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	4,480.36	252.26
33 14 13 13-0514	EA	14" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	4,967.15	272.30
33 14 13 13-0515	EA	16" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	3,907.85	241.65
33 14 13 13-0516	EA	16" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	4,476.59	252.26
33 14 13 13-0517	EA	16" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	5,407.26	267.59
33 14 13 13-0518	EA	16" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	6,051.04	280.56
33 14 13 13-0519	EA	16" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	7,360.66	299.41
33 14 13 13-0520	EA	16" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	7,679.29	326.53
33 14 13 13-0521	EA	18" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	6,778.50	285.27
33 14 13 13-0522	EA	18" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	7,172.95	297.05
33 14 13 13-0523	EA	18" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	7,509.44	311.20
33 14 13 13-0524	EA	18" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	8,160.71	324.17
33 14 13 13-0525	EA	18" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	9,569.67	343.03
33 14 13 13-0526	EA	18" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	10,178.82	370.14
33 14 13 13-0527	EA	18" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	10,622.22	414.93
33 14 13 13-0528	EA	20" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	8,522.97	358.35
33 14 13 13-0529	EA	20" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	8,921.15	368.96
33 14 13 13-0530	EA	20" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	9,192.05	384.28
33 14 13 13-0531	EA	20" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	9,837.71	397.25
33 14 13 13-0532	EA	20" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	9,994.60	416.12
33 14 13 13-0533	EA	20" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	12,172.57	443.22
33 14 13 13-0534	EA	20" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	12,615.97	486.84
33 14 13 13-0535	EA	20" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	13,606.96	559.93
33 14 13 13-0536	EA	24" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	11,676.66	447.94
33 14 13 13-0537	EA	24" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	11,947.73	459.73
33 14 13 13-0538	EA	24" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	12,407.59	473.87
33 14 13 13-0539	EA	24" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	12,803.96	486.84
33 14 13 13-0540	EA	24" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	13,020.83	505.70
33 14 13 13-0541	EA	24" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	13,504.41	532.81
33 14 13 13-0542	EA	24" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	18,033.84	577.61
33 14 13 13-0543	EA	24" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	18,959.23	649.52
33 14 13 13-0544	EA	24" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	20,857.12	739.10

33 14 13 13-0545 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducers *(33 14 13 13-0296)*

33 14 13 13-0546	EA	4" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	457.89	48.61
33 14 13 13-0547	EA	6" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	641.49	60.92
33 14 13 13-0548	EA	6" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	705.57	64.70
33 14 13 13-0549	EA	8" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	928.05	73.41
33 14 13 13-0550	EA	8" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	963.46	85.84
33 14 13 13-0551	EA	10" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,137.81	76.62
33 14 13 13-0552	EA	10" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,189.22	88.41
33 14 13 13-0553	EA	10" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,236.64	96.66
33 14 13 13-0554	EA	12" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,316.40	84.87
33 14 13 13-0555	EA	12" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,455.91	96.66
33 14 13 13-0556	EA	12" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,478.97	103.74
33 14 13 13-0557	EA	12" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,544.71	111.98
33 14 13 13-0558	EA	14" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,285.14	109.63
33 14 13 13-0559	EA	14" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,296.94	116.70
33 14 13 13-0560	EA	14" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,995.31	124.95
33 14 13 13-0561	EA	14" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,035.21	132.03
33 14 13 13-0562	EA	16" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,739.92	127.31
33 14 13 13-0563	EA	16" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,656.13	135.56
33 14 13 13-0564	EA	16" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,491.33	142.63
33 14 13 13-0565	EA	16" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,460.02	149.71
33 14 13 13-0566	EA	16" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,783.16	162.68

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0567	EA	18" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,974.09	165.03
33 14 13 13-0568	EA	18" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	3,356.58	173.28
33 14 13 13-0569	EA	18" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	3,203.43	180.36
33 14 13 13-0570	EA	18" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	3,833.97	193.33
33 14 13 13-0571	EA	18" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	3,349.72	212.18
33 14 13 13-0572	EA	20" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	3,959.80	226.33
33 14 13 13-0573	EA	20" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	3,989.93	233.40
33 14 13 13-0574	EA	20" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	3,619.35	241.65
33 14 13 13-0575	EA	20" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	3,614.49	254.62
33 14 13 13-0576	EA	20" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	3,521.99	272.30
33 14 13 13-0577	EA	20" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	4,169.81	302.95
33 14 13 13-0578	EA	24" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	4,985.27	301.77
33 14 13 13-0579	EA	24" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	5,057.26	314.73
33 14 13 13-0580	EA	24" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	5,144.68	332.42
33 14 13 13-0581	EA	24" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	5,059.64	363.06
33 14 13 13-0582	EA	24" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	5,835.44	423.19

33 14 13 13-0583 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps *(33 14 13 13-0296)*

33 14 13 13-0584	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	412.29	102.63
33 14 13 13-0585	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	497.36	120.68
33 14 13 13-0586	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	730.41	150.54
33 14 13 13-0587	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	982.28	171.68
33 14 13 13-0588	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	1,301.98	259.34
33 14 13 13-0589	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	1,646.97	282.91
33 14 13 13-0590	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	1,873.50	311.20
33 14 13 13-0591	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	2,283.90	345.38
33 14 13 13-0592	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	2,677.38	389.00
33 14 13 13-0593	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	3,232.05	444.41
33 14 13 13-0594	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	4,150.26	518.67

33 14 13 13-0595 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug *(33 14 13 13-0296)*

33 14 13 13-0596	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	414.17	102.63
33 14 13 13-0597	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	516.10	120.68
33 14 13 13-0598	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	779.14	150.54
33 14 13 13-0599	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	1,031.02	171.68
33 14 13 13-0600	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	1,581.25	259.34
33 14 13 13-0601	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	1,710.69	282.91
33 14 13 13-0602	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	2,280.23	311.20
33 14 13 13-0603	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	2,754.35	345.38
33 14 13 13-0604	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	3,279.04	389.00
33 14 13 13-0605	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	4,045.50	444.41
33 14 13 13-0606	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	5,308.59	518.67

33 14 13 13-0607 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters *(33 14 13 13-0296)*

33 14 13 13-0608	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	560.64	156.02
33 14 13 13-0609	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	744.15	180.39
33 14 13 13-0610	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	1,026.26	226.43
33 14 13 13-0611	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	1,352.53	257.53
33 14 13 13-0612	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	1,991.38	389.00
33 14 13 13-0613	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	2,382.34	424.37
33 14 13 13-0614	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	3,125.14	466.80
33 14 13 13-0615	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	3,548.61	518.67

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0616	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	4,666.47	583.51
33 14 13 13-0617	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	5,413.18	667.20
33 14 13 13-0618	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	6,556.21	778.01

33 14 13 13-0619 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves *(33 14 13 13-0296)*

33 14 13 13-0620	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	583.13	156.02
33 14 13 13-0621	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	716.04	180.39
33 14 13 13-0622	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	1,058.12	226.43
33 14 13 13-0623	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	1,438.74	257.53
33 14 13 13-0624	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	1,871.42	389.00
33 14 13 13-0625	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	2,269.88	424.37
33 14 13 13-0626	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	2,885.23	466.80
33 14 13 13-0627	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	3,421.15	518.67
33 14 13 13-0628	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	4,089.18	583.51
33 14 13 13-0629	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	4,762.79	667.20
33 14 13 13-0630	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	5,960.18	778.01

33 14 13 13-0631 Push-On Joint Ductile Iron Piping And Gaskets *(33 14 13 13-0001)*

33 14 13 13-0632 Push-On Joint Ductile Iron Pipe *(33 14 13 13-0631)*

Note: Conforming to ANSI/AWWA C151/A21.51, federal specification WW-P-421D.

33 14 13 13-0633	LF	4", Class 50, Push-On Joint Ductile Iron Pipe	37.74	10.26
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*15.53*	
		For Cement Mortar Lining (CML), Add	*2.22*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*11.98*	
		For Fusion Bonded Epoxy Lining (206N), Add	*3.99*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1.66*	
		Note: ANSI/AWWA C151/A21.51		
		For Restrained Joint Pipe, Add	*10.54*	
		For >1,000, Deduct	*-1.89*	
		For Class 51, Add	*3.22*	
		For Class 52, Add	*6.93*	
		For Class 53, Add	*12.47*	
		For Class 54, Add	*17.78*	
		For Class 55, Add	*20.46*	
		For Class 56, Add	*23.09*	
33 14 13 13-0634	LF	6", Class 50, Push-On Joint Ductile Iron Pipe	41.39	11.32
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*17.04*	
		For Cement Mortar Lining (CML), Add	*2.43*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*13.14*	
		For Fusion Bonded Epoxy Lining (206N), Add	*4.38*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1.83*	
		Note: ANSI/AWWA C151/A21.51		
		For Restrained Joint Pipe, Add	*11.56*	
		For >1,000, Deduct	*-2.07*	
		For Class 51, Add	*3.53*	
		For Class 52, Add	*7.61*	
		For Class 53, Add	*13.68*	
		For Class 54, Add	*19.51*	
		For Class 55, Add	*22.45*	
		For Class 56, Add	*25.34*	
33 14 13 13-0635	LF	8", Class 50, Push-On Joint Ductile Iron Pipe	51.94	12.44
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*23.29*	
		For Cement Mortar Lining (CML), Add	*3.33*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*17.97*	
		For Fusion Bonded Epoxy Lining (206N), Add	*5.99*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2.50*	
		Note: ANSI/AWWA C151/A21.51		
		For Restrained Joint Pipe, Add	*15.80*	
		For >1,000, Deduct	*-2.60*	
		For Class 51, Add	*4.77*	
		For Class 52, Add	*10.28*	
		For Class 53, Add	*18.53*	
		For Class 54, Add	*26.43*	
		For Class 55, Add	*30.39*	
		For Class 56, Add	*34.29*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0636	LF	10", Class 50, Push-On Joint Ductile Iron Pipe	73.47	17.56
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*28.16*	
		For Cement Mortar Lining (CML), Add	*4.69*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*23.47*	
		For Fusion Bonded Epoxy Lining (206N), Add	*8.45*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*3.52*	
		Note: ANSI/AWWA C151/A21.51		
		For Restrained Joint Pipe, Add	*22.30*	
		For >1,000, Deduct	*-3.67*	
		For Class 51, Add	*6.73*	
		For Class 52, Add	*14.52*	
		For Class 53, Add	*26.15*	
		For Class 54, Add	*37.30*	
		For Class 55, Add	*42.89*	
		For Class 56, Add	*48.39*	
33 14 13 13-0637	LF	12", Class 50, Push-On Joint Ductile Iron Pipe	85.43	19.45
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*27.98*	
		For Cement Mortar Lining (CML), Add	*5.60*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*22.38*	
		For Fusion Bonded Epoxy Lining (206N), Add	*10.07*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*4.20*	
		Note: ANSI/AWWA C151/A21.51		
		For Restrained Joint Pipe, Add	*26.58*	
		For >1,000, Deduct	*-4.27*	
		For Class 51, Add	*8.00*	
		For Class 52, Add	*17.25*	
		For Class 53, Add	*31.09*	
		For Class 54, Add	*44.36*	
		For Class 55, Add	*51.00*	
		For Class 56, Add	*57.53*	

33 14 13 13-0638 Push-On Joint Ductile Iron 90 Degree Elbow *(33 14 13 13-0631)*

33 14 13 13-0639	EA	4" 90 Degree Elbow, Push-On Joint Ductile Iron	298.33	40.06
		For Cement Mortar Lining (CML), Add	*23.76*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*42.77*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*17.82*	
		Note: ANSI/AWWA C151/A21.51		
		For Restrained Joint Fitting, Add	*142.57*	
33 14 13 13-0640	EA	6" 90 Degree Elbow, Push-On Joint Ductile Iron	432.12	59.10
		For Cement Mortar Lining (CML), Add	*34.25*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*61.66*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*25.69*	
		Note: ANSI/AWWA C151/A21.51		
		For Restrained Joint Fitting, Add	*205.52*	
33 14 13 13-0641	EA	8" 90 Degree Elbow, Push-On Joint Ductile Iron	581.50	70.16
		For Cement Mortar Lining (CML), Add	*47.51*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*85.52*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*35.63*	
		Note: ANSI/AWWA C151/A21.51		
		For Restrained Joint Fitting, Add	*285.08*	
33 14 13 13-0642	EA	10" 90 Degree Elbow, Push-On Joint Ductile Iron	878.71	77.56
		For Cement Mortar Lining (CML), Add	*71.83*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*129.29*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*53.87*	
		Note: ANSI/AWWA C151/A21.51		
		For Restrained Joint Fitting, Add	*430.97*	
33 14 13 13-0643	EA	12" 90 Degree Elbow, Push-On Joint Ductile Iron	1,138.40	91.00
		For Cement Mortar Lining (CML), Add	*95.03*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*171.06*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*71.27*	
		Note: ANSI/AWWA C151/A21.51		
		For Restrained Joint Fitting, Add	*570.19*	

33 14 13 13-0644 Push-On Joint Ductile Iron Tee *(33 14 13 13-0631)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0645	EA	4" Tee, Push-On Joint Ductile Iron	457.00	59.10
		For Cement Mortar Lining (CML), Add	*36.74*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*66.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*27.56*	
		Note: ANSI/AWWA C151/A21.51		
		For Restrained Joint Fitting, Add	*220.45*	
33 14 13 13-0646	EA	6" Tee, Push-On Joint Ductile Iron	634.39	86.84
		For Cement Mortar Lining (CML), Add	*50.28*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*90.50*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*37.71*	
		Note: ANSI/AWWA C151/A21.51		
		For Restrained Joint Fitting, Add	*301.66*	
33 14 13 13-0647	EA	8" Tee, Push-On Joint Ductile Iron	872.37	105.25
		For Cement Mortar Lining (CML), Add	*71.28*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*128.30*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*53.46*	
		Note: ANSI/AWWA C151/A21.51		
		For Restrained Joint Fitting, Add	*427.65*	
33 14 13 13-0648	EA	10" Tee, Push-On Joint Ductile Iron	1,298.38	117.88
		For Cement Mortar Lining (CML), Add	*112.16*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*201.88*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*84.12*	
		Note: ANSI/AWWA C151/A21.51		
		For Restrained Joint Fitting, Add	*672.94*	
33 14 13 13-0649	EA	12" Tee, Push-On Joint Ductile Iron	1,620.67	135.91
		For Cement Mortar Lining (CML), Add	*141.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*254.59*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*106.08*	
		Note: ANSI/AWWA C151/A21.51		
		For Restrained Joint Fitting, Add	*848.63*	

33 14 13 13-0650 Flanged End x Push-On Joint Ductile Iron Adapters *(33 14 13 13-0631)*

33 14 13 13-0651	EA	4" Flanged End x Push-On Joint Adapter, Ductile Iron	450.54	138.97
		For Cement Mortar Lining (CML), Add	*24.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*43.20*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*18.00*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0652	EA	6" Flanged End x Push-On Joint Adapter, Ductile Iron	551.58	172.06
		For Cement Mortar Lining (CML), Add	*29.09*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*52.36*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*21.82*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0653	EA	8" Flanged End x Push-On Joint Adapter, Ductile Iron	722.30	200.68
		For Cement Mortar Lining (CML), Add	*41.82*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*75.27*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*31.36*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0654	EA	10" Flanged End x Push-On Joint Adapter, Ductile Iron	987.50	291.75
		For Cement Mortar Lining (CML), Add	*54.55*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*98.18*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*40.91*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0655	EA	12" Flanged End x Push-On Joint Adapter, Ductile Iron	1,196.10	333.48
		For Cement Mortar Lining (CML), Add	*69.09*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*124.36*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*51.82*	
		Note: ANSI/AWWA C151/A21.51		

33 14 13 13-0656 Push-On Joint Ductile Iron Pipe And Fitting Restraints *(33 14 13 13-0631)*

Note: Includes ductile iron follower gland, restraint ring and all nuts and bolts. Excludes pipe and fitting.

33 14 13 13-0657	EA	4" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	58.76	21.64
33 14 13 13-0658	EA	6" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	76.57	28.23
33 14 13 13-0659	EA	8" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	99.56	28.85
33 14 13 13-0660	EA	10" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	118.53	30.64

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0661	EA	12" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	141.51	34.03
33 14 13 13-0662		**Push-On Joint Ductile Iron Bell Restraint Harness (MEGALUG® 1700 Series)** *(33 14 13 13-0631)*		
33 14 13 13-0663	EA	4" Bell Restraint Harness, Ductile Iron (MEGALUG® 170400)	252.85	79.57
33 14 13 13-0664	EA	6" Bell Restraint Harness, Ductile Iron (MEGALUG® 170600)	333.47	97.13
33 14 13 13-0665	EA	8" Bell Restraint Harness, Ductile Iron (MEGALUG® 170800)	429.25	118.47
33 14 13 13-0666	EA	10" Bell Restraint Harness, Ductile Iron (MEGALUG® 17100)	646.29	144.52
33 14 13 13-0667	EA	12" Bell Restraint Harness, Ductile Iron (MEGALUG® 171200)	801.58	176.23
33 14 13 13-0668	EA	14" Bell Restraint Harness, Ductile Iron (MEGALUG® 171400)	1,380.35	215.01
33 14 13 13-0669	EA	16" Bell Restraint Harness, Ductile Iron (MEGALUG® 171600)	1,576.18	262.39
33 14 13 13-0670	EA	18" Bell Restraint Harness, Ductile Iron (MEGALUG® 171800)	1,789.67	320.04
33 14 13 13-0671	EA	20" Bell Restraint Harness, Ductile Iron (MEGALUG® 172000)	2,432.03	390.53
33 14 13 13-0672	EA	24" Bell Restraint Harness, Ductile Iron (MEGALUG® 172400)	3,101.55	476.35

33 14 13 23 Plastic Public Water Utility Distribution Piping *(33 14 13)*

Note: Includes detectable tracer wire.

33 14 13 23-0001 Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Piping *(33 14 13 23)*

33 14 13 23-0002 Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe *(33 14 13 23-0001)*

33 14 13 23-0003	LF	3/4" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	2.55	0.90
		For >1,000, Deduct	*-0.13*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.05*	
33 14 13 23-0004	LF	1" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	2.82	0.97
		For >1,000, Deduct	*-0.14*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.06*	
33 14 13 23-0005	LF	1-1/4" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	3.28	1.05
		For >1,000, Deduct	*-0.16*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.10*	
33 14 13 23-0006	LF	1-1/2" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	3.79	1.17
		For >1,000, Deduct	*-0.19*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.13*	
33 14 13 23-0007	LF	2" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	4.87	1.31
		For >1,000, Deduct	*-0.24*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.24*	
33 14 13 23-0008	LF	2-1/2" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	6.27	1.49
		For >1,000, Deduct	*-0.31*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.38*	
33 14 13 23-0009	LF	3" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	7.76	1.70
		For >1,000, Deduct	*-0.39*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.52*	
33 14 13 23-0010	LF	4" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	10.95	2.10
		For >1,000, Deduct	*-0.55*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.86*	
33 14 13 23-0011	LF	6" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	19.10	2.66
		For >1,000, Deduct	*-0.96*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*1.86*	
33 14 13 23-0012	LF	8" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	29.92	3.54
		For >1,000, Deduct	*-1.50*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*3.16*	
33 14 13 23-0013	LF	10" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	44.60	4.73
		For >1,000, Deduct	*-2.23*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*4.92*	
33 14 13 23-0014	LF	12" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	62.10	6.37
		For >1,000, Deduct	*-3.11*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*6.93*	

33 14 13 23-0015 90 Degree Elbows, Class 200, SDR 21 Polyvinyl Chloride (PVC) *(33 14 13 23-0001)*

33 14 13 23-0016	EA	3/4", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow	27.34	10.80
33 14 13 23-0017	EA	1", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow	34.55	13.50
33 14 13 23-0018	EA	1-1/4", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow	43.51	16.87
33 14 13 23-0019	EA	1-1/2", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow	64.82	18.67
33 14 13 23-0020	EA	2", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow	70.21	20.92
33 14 13 23-0021	EA	2-1/2", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow	83.02	23.73
33 14 13 23-0022	EA	3", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow	94.82	27.32
33 14 13 23-0023	EA	4", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow	130.95	33.55
33 14 13 23-0024	EA	6", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow	187.72	42.63
33 14 13 23-0025	EA	8", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow	301.99	55.96
33 14 13 23-0026	EA	10", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow	372.27	74.87
33 14 13 23-0027	EA	12", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow	492.37	100.77

33 14 13 23-0028 45 Degree Elbows, Class 200, SDR 21 Polyvinyl Chloride (PVC) *(33 14 13 23-0001)*

33 14 13 23-0029	EA	3/4" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	27.82	10.80
33 14 13 23-0030	EA	1" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	34.89	13.50
33 14 13 23-0031	EA	1-1/4" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	43.72	16.87
33 14 13 23-0032	EA	1-1/2" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	58.45	18.67
33 14 13 23-0033	EA	2" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	70.80	20.92
33 14 13 23-0034	EA	2-1/2" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	85.42	23.73

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0035	EA	3" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	93.81	27.32
33 14 13 23-0036	EA	4" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	128.76	33.55
33 14 13 23-0037	EA	6" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	183.30	42.63
33 14 13 23-0038	EA	8" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	293.57	55.96
33 14 13 23-0039	EA	10" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	337.37	74.87
33 14 13 23-0040	EA	12" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	444.07	100.77
33 14 13 23-0041		**Tees Or Wyes, Class 200, SDR 21 Polyvinyl Chloride (PVC)** *(33 14 13 23-0001)*		
33 14 13 23-0042	EA	3/4" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC)	40.98	16.19
33 14 13 23-0043	EA	1" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC)	51.71	20.35
33 14 13 23-0044	EA	1-1/4" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC)	64.83	25.42
33 14 13 23-0045	EA	1-1/2" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC)	89.40	28.12
33 14 13 23-0046	EA	2" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC)	101.70	31.26
33 14 13 23-0047	EA	2-1/2" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC)	118.31	35.66
33 14 13 23-0048	EA	3" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC)	144.93	40.87
33 14 13 23-0049	EA	4" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC)	189.94	50.38
33 14 13 23-0050	EA	6" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC)	312.07	64.05
33 14 13 23-0051	EA	8" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC)	465.96	83.94
33 14 13 23-0052	EA	10" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC)	542.37	113.60
33 14 13 23-0053	EA	12" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC)	678.80	152.87
33 14 13 23-0054		**Couplings, Class 200, SDR 21 Polyvinyl Chloride (PVC)** *(33 14 13 23-0001)*		
33 14 13 23-0055	EA	3/4" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC)	18.30	7.20
33 14 13 23-0056	EA	1" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC)	24.70	9.68
33 14 13 23-0057	EA	1-1/4" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC)	32.97	12.71
33 14 13 23-0058	EA	1-1/2" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC)	45.70	14.06
33 14 13 23-0059	EA	2" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC)	50.41	15.64
33 14 13 23-0060	EA	2-1/2" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC)	57.35	17.77
33 14 13 23-0061	EA	3" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC)	67.16	20.44
33 14 13 23-0062	EA	4" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC)	91.76	25.14
33 14 13 23-0063	EA	6" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC)	130.63	32.02
33 14 13 23-0064	EA	8" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC)	220.28	41.97
33 14 13 23-0065	EA	10" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC)	257.49	56.86
33 14 13 23-0066	EA	12" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC)	328.34	76.43
33 14 13 23-0067		**Schedule 40 Polyvinyl Chloride (PVC) Pipe And Fittings** *(33 14 13 23)*		
33 14 13 23-0068		**Schedule 40 Polyvinyl Chloride (PVC) Pipe** *(33 14 13 23-0067)*		
33 14 13 23-0069	LF	3/4" Schedule 40 Polyvinyl Chloride (PVC) Pipe	2.80	0.90
		For >1,000, Deduct	*-0.14*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.08*	
33 14 13 23-0070	LF	1" Schedule 40 Polyvinyl Chloride (PVC) Pipe	3.29	0.97
		For >1,000, Deduct	*-0.16*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.13*	
33 14 13 23-0071	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe	4.23	1.17
		For >1,000, Deduct	*-0.21*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.20*	
33 14 13 23-0072	LF	2" Schedule 40 Polyvinyl Chloride (PVC) Pipe	5.04	1.31
		For >1,000, Deduct	*-0.25*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.27*	
33 14 13 23-0073	LF	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe	6.53	1.49
		For >1,000, Deduct	*-0.33*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.42*	
33 14 13 23-0074	LF	3" Schedule 40 Polyvinyl Chloride (PVC) Pipe	7.92	1.70
		For >1,000, Deduct	*-0.40*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.55*	
33 14 13 23-0075	LF	4" Schedule 40 Polyvinyl Chloride (PVC) Pipe	10.50	2.10
		For >1,000, Deduct	*-0.53*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.79*	
33 14 13 23-0076	LF	6" Schedule 40 Polyvinyl Chloride (PVC) Pipe	15.85	2.66
		For >1,000, Deduct	*-0.79*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*1.38*	
33 14 13 23-0077		**Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows** *(33 14 13 23-0067)*		
33 14 13 23-0078	EA	3/4" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	27.51	10.80
33 14 13 23-0079	EA	1" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	34.65	13.50
33 14 13 23-0080	EA	1-1/2" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	48.18	18.67
33 14 13 23-0081	EA	2" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	54.41	20.92
33 14 13 23-0082	EA	2-1/2" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	65.27	23.73
33 14 13 23-0083	EA	3" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	75.40	27.32
33 14 13 23-0084	EA	4" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	98.45	33.55
33 14 13 23-0085	EA	6" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	152.91	42.63
33 14 13 23-0086		**Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows** *(33 14 13 23-0067)*		
33 14 13 23-0087	EA	3/4" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	27.47	10.80
33 14 13 23-0088	EA	1" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	34.61	13.50
33 14 13 23-0089	EA	1-1/2" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	48.20	18.67

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0090	EA	2" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	54.24	20.92
33 14 13 23-0091	EA	2-1/2" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	64.82	23.73
33 14 13 23-0092	EA	3" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	74.87	27.32
33 14 13 23-0093	EA	4" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	97.38	33.55
33 14 13 23-0094	EA	6" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	149.49	42.63
33 14 13 23-0095		**Schedule 40 Polyvinyl Chloride (PVC) Tees Or Wyes** *(33 14 13 23-0067)*		
33 14 13 23-0096	EA	3/4" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC)	41.16	16.19
33 14 13 23-0097	EA	1" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC)	51.85	20.35
33 14 13 23-0098	EA	1-1/2" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC)	72.07	28.12
33 14 13 23-0099	EA	2" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC)	81.03	31.26
33 14 13 23-0100	EA	2-1/2" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC)	98.16	35.66
33 14 13 23-0101	EA	3" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC)	115.28	40.87
33 14 13 23-0102	EA	4" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC)	143.31	50.38
33 14 13 23-0103	EA	6" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC)	232.65	64.05
33 14 13 23-0104		**Schedule 40 Polyvinyl Chloride (PVC) Couplings** *(33 14 13 23-0067)*		
33 14 13 23-0105	EA	3/4" Coupling, Schedule 40 Polyvinyl Chloride (PVC)	18.39	7.20
33 14 13 23-0106	EA	1" Coupling, Schedule 40 Polyvinyl Chloride (PVC)	24.77	9.68
33 14 13 23-0107	EA	1-1/2" Coupling, Schedule 40 Polyvinyl Chloride (PVC)	35.92	14.06
33 14 13 23-0108	EA	2" Coupling, Schedule 40 Polyvinyl Chloride (PVC)	40.50	15.64
33 14 13 23-0109	EA	2-1/2" Coupling, Schedule 40 Polyvinyl Chloride (PVC)	47.50	17.77
33 14 13 23-0110	EA	3" Coupling, Schedule 40 Polyvinyl Chloride (PVC)	55.74	20.44
33 14 13 23-0111	EA	4" Coupling, Schedule 40 Polyvinyl Chloride (PVC)	69.04	25.14
33 14 13 23-0112	EA	6" Coupling, Schedule 40 Polyvinyl Chloride (PVC)	101.09	32.02
33 14 13 23-0113		**Crosses, Schedule 40 Polyvinyl Chloride (PVC)** *(33 14 13 23-0067)*		
33 14 13 23-0114	EA	3/4" Cross, Schedule 40 Polyvinyl Chloride (PVC)	55.03	21.60
33 14 13 23-0115	EA	1" Cross, Schedule 40 Polyvinyl Chloride (PVC)	69.05	27.10
33 14 13 23-0116	EA	1-1/2" Cross, Schedule 40 Polyvinyl Chloride (PVC)	96.07	37.46
33 14 13 23-0117	EA	2" Cross, Schedule 40 Polyvinyl Chloride (PVC)	108.03	41.73
33 14 13 23-0118	EA	2-1/2" Cross, Schedule 40 Polyvinyl Chloride (PVC)	130.83	47.47
33 14 13 23-0119	EA	3" Cross, Schedule 40 Polyvinyl Chloride (PVC)	153.63	54.54
33 14 13 23-0120	EA	4" Cross, Schedule 40 Polyvinyl Chloride (PVC)	190.96	67.10
33 14 13 23-0121	EA	6" Cross, Schedule 40 Polyvinyl Chloride (PVC)	309.78	85.36
33 14 13 23-0122		**Schedule 80 Polyvinyl Chloride (PVC) Pipe And Fittings** *(33 14 13 23)*		
33 14 13 23-0123		**Schedule 80 Polyvinyl Chloride (PVC) Pipe** *(33 14 13 23-0122)*		
33 14 13 23-0124	LF	1" Schedule 80 Polyvinyl Chloride (PVC) Pipe	3.56	0.97
		For >1,000, Deduct	*-0.18*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.17*	
33 14 13 23-0125	LF	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Pipe	4.76	1.17
		For >1,000, Deduct	*-0.24*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.28*	
33 14 13 23-0126	LF	2" Schedule 80 Polyvinyl Chloride (PVC) Pipe	5.94	1.31
		For >1,000, Deduct	*-0.30*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.40*	
33 14 13 23-0127	LF	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Pipe	7.70	1.49
		For >1,000, Deduct	*-0.39*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.60*	
33 14 13 23-0128	LF	3" Schedule 80 Polyvinyl Chloride (PVC) Pipe	9.57	1.70
		For >1,000, Deduct	*-0.48*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.80*	
33 14 13 23-0129	LF	4" Schedule 80 Polyvinyl Chloride (PVC) Pipe	13.02	2.10
		For >1,000, Deduct	*-0.65*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*1.17*	
33 14 13 23-0130	LF	6" Schedule 80 Polyvinyl Chloride (PVC) Pipe	21.45	2.66
		For >1,000, Deduct	*-1.07*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*2.22*	
33 14 13 23-0131		**Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows** *(33 14 13 23-0122)*		
33 14 13 23-0132	EA	1" 90 Degree Elbow, Schedule 80 Polyvinyl Chloride (PVC)	36.04	13.50
33 14 13 23-0133	EA	1-1/2" 90 Degree Elbow, Schedule 80 Polyvinyl Chloride (PVC)	48.18	18.67
33 14 13 23-0134	EA	2" 90 Degree Elbow, Schedule 80 Polyvinyl Chloride (PVC)	55.80	20.92
33 14 13 23-0135	EA	2-1/2" 90 Degree Elbow, Schedule 80 Polyvinyl Chloride (PVC)	68.23	23.73
33 14 13 23-0136	EA	3" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbow	78.15	27.32
33 14 13 23-0137	EA	4" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbow	99.11	33.55
33 14 13 23-0138	EA	6" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbow	149.78	42.63
33 14 13 23-0139		**Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows** *(33 14 13 23-0122)*		
33 14 13 23-0140	EA	1" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	41.75	13.50
33 14 13 23-0141	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	53.68	18.67
33 14 13 23-0142	EA	2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	61.09	20.92
33 14 13 23-0143	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	78.14	23.73

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0144	EA	3" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	91.06	27.32
33 14 13 23-0145	EA	4" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	125.07	33.55
33 14 13 23-0146	EA	6" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	148.04	42.63
33 14 13 23-0147		**Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes** *(33 14 13 23-0122)*		
33 14 13 23-0148	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes	54.77	20.35
33 14 13 23-0149	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes	80.94	28.12
33 14 13 23-0150	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes	91.61	31.26
33 14 13 23-0151	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes	103.76	35.66
33 14 13 23-0152	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes	120.64	40.87
33 14 13 23-0153	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes	147.17	50.38
33 14 13 23-0154	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes	232.51	64.05
33 14 13 23-0155		**Schedule 80 Polyvinyl Chloride (PVC) Couplings** *(33 14 13 23-0122)*		
33 14 13 23-0156	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Coupling	26.86	9.68
33 14 13 23-0157	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Coupling	39.51	14.06
33 14 13 23-0158	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Coupling	43.87	15.64
33 14 13 23-0159	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Coupling	56.16	17.77
33 14 13 23-0160	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Coupling	64.48	20.44
33 14 13 23-0161	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Coupling	79.65	25.14
33 14 13 23-0162	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Coupling	115.91	32.02
33 14 13 23-0163		**Crosses, Schedule 80 Polyvinyl Chloride (PVC)** *(33 14 13 23-0122)*		
33 14 13 23-0164	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Cross	72.93	27.10
33 14 13 23-0165	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Cross	107.85	37.46
33 14 13 23-0166	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Cross	122.07	41.73
33 14 13 23-0167	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Cross	138.26	47.47
33 14 13 23-0168	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Cross	160.74	54.54
33 14 13 23-0169	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Cross	196.09	67.10
33 14 13 23-0170	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Cross	309.60	85.36
33 14 13 23-0171		**Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pipe And Fittings** *(33 14 13 23)*		
33 14 13 23-0172		**Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe** *(33 14 13 23-0171)*		
33 14 13 23-0173	LF	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	58.79	3.46
33 14 13 23-0174	LF	10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	83.72	3.72
33 14 13 23-0175	LF	12" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	113.10	4.32
33 14 13 23-0176	LF	14" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	154.06	5.54
33 14 13 23-0177	LF	16" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	176.29	6.75
33 14 13 23-0178		**Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbows** *(33 14 13 23-0171)*		
33 14 13 23-0179	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	744.95	50.24
33 14 13 23-0180	EA	10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	1,567.43	84.24
33 14 13 23-0181	EA	12" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	2,727.76	91.94
33 14 13 23-0182	EA	14" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	6,462.81	99.47
33 14 13 23-0183	EA	16" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	8,750.86	107.01
33 14 13 23-0184		**Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbows** *(33 14 13 23-0171)*		
33 14 13 23-0185	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	1,045.27	50.24
33 14 13 23-0186	EA	10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	1,264.46	84.24
33 14 13 23-0187	EA	12" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	1,709.57	91.94
33 14 13 23-0188	EA	14" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	3,344.11	99.47
33 14 13 23-0189	EA	16" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	4,785.54	107.01
33 14 13 23-0190		**Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tees** *(33 14 13 23-0171)*		
33 14 13 23-0191	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	1,444.99	80.38
33 14 13 23-0192	EA	10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	2,130.42	120.13
33 14 13 23-0193	EA	12" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	2,817.97	128.12
33 14 13 23-0194	EA	14" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	6,864.37	135.65
33 14 13 23-0195	EA	16" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	9,679.69	143.18
33 14 13 23-0196		**Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tees** *(33 14 13 23-0171)*		
33 14 13 23-0197	EA	8" x 8" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee	1,420.23	76.36
33 14 13 23-0198	EA	10" x 10" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee	1,547.32	108.41
33 14 13 23-0199	EA	10" x 10" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee	1,765.67	114.12
33 14 13 23-0200	EA	12" x 12" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee	2,003.39	109.84
33 14 13 23-0201	EA	12" x 12" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee	2,224.44	115.62
33 14 13 23-0202	EA	12" x 12" x 10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee	2,537.91	121.70
33 14 13 23-0203	EA	14" x 14" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee	4,937.36	110.49
33 14 13 23-0204	EA	14" x 14" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee	5,319.50	116.31

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0205	EA	14" x 14" x 10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee	5,806.52	122.43
33 14 13 23-0206	EA	14" x 14" x 12" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee	6,369.22	128.87
33 14 13 23-0207	EA	16" x 16" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee	5,997.43	110.79
33 14 13 23-0208	EA	16" x 16" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee	6,686.18	116.62
33 14 13 23-0209	EA	16" x 16" x 10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee	7,228.59	122.76
33 14 13 23-0210	EA	16" x 16" x 12" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee	8,064.89	129.22
33 14 13 23-0211	EA	16" x 16" x 14" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee	8,941.32	136.02
33 14 13 23-0212		Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Wyes *(33 14 13 23-0171)*		
33 14 13 23-0213	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Wye	1,459.38	80.38
33 14 13 23-0214	EA	10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Wye	2,462.13	120.13
33 14 13 23-0215	EA	12" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Wye	3,331.40	128.12
33 14 13 23-0216	EA	14" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Wye	10,807.95	135.65
33 14 13 23-0217	EA	16" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Wye	13,489.23	143.18
33 14 13 23-0218		Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Wyes *(33 14 13 23-0171)*		
33 14 13 23-0219	EA	8" x 8" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Wye	1,270.62	76.36
33 14 13 23-0220	EA	10" x 10" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Wye	1,769.06	108.41
33 14 13 23-0221	EA	10" x 10" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Wye	2,049.34	114.12
33 14 13 23-0222	EA	12" x 12" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Wye	2,360.50	109.84
33 14 13 23-0223	EA	12" x 12" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Wye	2,490.74	115.62
33 14 13 23-0224	EA	12" x 12" x 10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Wye	3,014.94	121.70
33 14 13 23-0225	EA	14" x 14" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Wye	5,205.83	110.49
33 14 13 23-0226	EA	14" x 14" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Wye	5,623.31	116.31
33 14 13 23-0227	EA	14" x 14" x 12" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Wye	6,818.44	128.87
33 14 13 23-0228	EA	16" x 16" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Wye	6,223.36	110.79
33 14 13 23-0229	EA	16" x 16" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Wye	7,196.21	116.62
33 14 13 23-0230	EA	16" x 16" x 10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Wye	8,066.75	122.76
33 14 13 23-0231	EA	16" x 16" x 12" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Wye	8,738.97	129.22
33 14 13 23-0232	EA	16" x 16" x 14" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Wye	10,927.03	136.02
33 14 13 23-0233		Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings *(33 14 13 23-0171)*		
33 14 13 23-0234	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling	676.19	50.24
33 14 13 23-0235	EA	10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling	916.60	84.24
33 14 13 23-0236	EA	12" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling	1,270.25	91.94
33 14 13 23-0237	EA	14" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling	2,525.68	99.47
33 14 13 23-0238	EA	16" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling	3,764.02	107.01
33 14 13 23-0239		Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Couplings *(33 14 13 23-0171)*		
33 14 13 23-0240	EA	8" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling	920.55	47.72
33 14 13 23-0241	EA	10" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling	676.48	45.34
33 14 13 23-0242	EA	10" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling	937.94	80.02
33 14 13 23-0243	EA	12" x 4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling	1,817.89	76.02
33 14 13 23-0244	EA	12" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling	1,694.50	72.22
33 14 13 23-0245	EA	12" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling	1,330.07	68.61
33 14 13 23-0246	EA	12" x 10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling	836.14	87.33
33 14 13 23-0247	EA	14" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling	2,439.34	82.97
33 14 13 23-0248	EA	14" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling	2,055.21	78.82
33 14 13 23-0249	EA	14" x 10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling	1,777.60	74.87
33 14 13 23-0250	EA	14" x 12" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling	1,627.51	94.49
33 14 13 23-0251	EA	16" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling	3,220.76	89.76
33 14 13 23-0252	EA	16" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling	3,638.02	85.28
33 14 13 23-0253	EA	16" x 10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling	3,483.02	81.02
33 14 13 23-0254	EA	16" x 12" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling	3,301.51	76.97
33 14 13 23-0255	EA	16" x 14" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling	3,016.44	101.66
33 14 13 23-0256		Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Couplings *(33 14 13 23-0171)*		
33 14 13 23-0257	EA	8" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling	813.43	85.28
33 14 13 23-0258	EA	10" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling	1,434.28	81.02
33 14 13 23-0259	EA	10" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling	1,087.47	81.02
33 14 13 23-0260	EA	12" x 4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling	2,780.24	76.97
33 14 13 23-0261	EA	12" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling	1,873.79	73.12
33 14 13 23-0262	EA	12" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling	1,786.41	69.46
33 14 13 23-0263	EA	12" x 10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling	1,635.68	76.97
33 14 13 23-0264	EA	14" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling	2,982.22	73.12
33 14 13 23-0265	EA	14" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling	2,918.43	69.46
33 14 13 23-0266	EA	14" x 10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling	2,121.53	65.99
33 14 13 23-0267	EA	14" x 12" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling	1,969.06	73.12
33 14 13 23-0268	EA	16" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling	5,286.94	69.46
33 14 13 23-0269	EA	16" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling	5,108.84	65.99
33 14 13 23-0270	EA	16" x 10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling	5,009.84	62.69
33 14 13 23-0271	EA	16" x 12" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling	4,811.22	59.55
33 14 13 23-0272	EA	16" x 14" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling	4,530.88	96.58

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0273		Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Flanges *(33 14 13 23-0171)*		
33 14 13 23-0274	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Flange	897.99	50.24
33 14 13 23-0275	EA	10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Flange	2,070.00	84.24
33 14 13 23-0276	EA	12" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Flange	3,019.94	91.94
33 14 13 23-0277	EA	14" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Flange	3,392.66	99.47
33 14 13 23-0278	EA	16" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Flange	4,197.53	107.01
33 14 13 23-0279	EA	8" Ethylene Propylene Diene Monomer (EPDM) Flange Gasket	28.15	
33 14 13 23-0280	EA	10" Ethylene Propylene Diene Monomer (EPDM) Flange Gasket	36.68	
33 14 13 23-0281	EA	12" Ethylene Propylene Diene Monomer (EPDM) Flange Gasket	50.48	
33 14 13 23-0282	EA	14" Ethylene Propylene Diene Monomer (EPDM) Flange Gasket	107.98	
33 14 13 23-0283	EA	16" Ethylene Propylene Diene Monomer (EPDM) Flange Gasket	191.57	
33 14 13 23-0284	EA	Zinc Coated Flange Hardware Kit	179.88	
33 14 13 23-0285		AWWA C900/C905 Polyvinyl Chloride (PVC) Pipe *(33 14 13 23)*		
		Note: Includes hub on one end of pipe. C900 is available in blue, white, purple or green.		
33 14 13 23-0286		AWWA C900, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe *(33 14 13 23-0285)*		
33 14 13 23-0287	LF	4" AWWA C900, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	11.84	4.20
33 14 13 23-0288	LF	6" AWWA C900, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	17.18	5.09
33 14 13 23-0289	LF	8" AWWA C900, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	23.53	5.72
33 14 13 23-0290	LF	10" AWWA C900, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	30.95	6.36
33 14 13 23-0291	LF	12" AWWA C900, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	40.04	7.12
33 14 13 23-0292		AWWA C900, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe *(33 14 13 23-0285)*		
33 14 13 23-0293	LF	4" AWWA C900, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	13.07	4.20
33 14 13 23-0294	LF	6" AWWA C900, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	19.74	5.09
33 14 13 23-0295	LF	8" AWWA C900, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	27.83	5.72
33 14 13 23-0296	LF	10" AWWA C900, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	37.64	6.36
33 14 13 23-0297	LF	12" AWWA C900, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	49.38	7.12
33 14 13 23-0298		AWWA C900, DR 14, PC 305 Polyvinyl Chloride (PVC) Pipe *(33 14 13 23-0285)*		
33 14 13 23-0299	LF	4" AWWA C900, DR 14, PC 305 Polyvinyl Chloride (PVC) Pipe	14.28	4.20
33 14 13 23-0300	LF	6" AWWA C900, DR 14, PC 305 Polyvinyl Chloride (PVC) Pipe	22.28	5.09
33 14 13 23-0301	LF	8" AWWA C900, DR 14, PC 305 Polyvinyl Chloride (PVC) Pipe	32.13	5.72
33 14 13 23-0302	LF	10" AWWA C900, DR 14, PC 305 Polyvinyl Chloride (PVC) Pipe	44.18	6.36
33 14 13 23-0303	LF	12" AWWA C900, DR 14, PC 305 Polyvinyl Chloride (PVC) Pipe	58.72	7.12
33 14 13 23-0304		AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) Fittings *(33 14 13 23)*		
		Note: Includes rubber gaskets.		
33 14 13 23-0305		90 Degree Elbows, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) *(33 14 13 23-0304)*		
33 14 13 23-0306	EA	4" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	217.13	13.50
		For DR 25, Deduct	*-11.41*	
33 14 13 23-0307	EA	6" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	445.40	15.18
		For DR 25, Deduct	*-24.90*	
33 14 13 23-0308	EA	8" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	669.44	16.87
		For DR 25, Deduct	*-38.14*	
33 14 13 23-0309	EA	10" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,021.76	26.54
		For DR 25, Deduct	*-58.12*	
33 14 13 23-0310	EA	12" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,328.81	44.25
		For DR 25, Deduct	*-74.42*	
33 14 13 23-0311		45 Degree Elbows, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) *(33 14 13 23-0304)*		
33 14 13 23-0312	EA	4" 45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	192.30	13.50
		For DR 25, Deduct	*-9.92*	
33 14 13 23-0313	EA	6" 45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	332.81	15.18
		For DR 25, Deduct	*-18.15*	
33 14 13 23-0314	EA	8" 45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	421.91	16.87
		For DR 25, Deduct	*-23.29*	
33 14 13 23-0315	EA	10" 45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	596.05	26.54
		For DR 25, Deduct	*-32.58*	
33 14 13 23-0316	EA	12" 45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	796.11	44.25
		For DR 25, Deduct	*-42.46*	
33 14 13 23-0317		22-1/2 Degree Elbows, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) *(33 14 13 23-0304)*		
33 14 13 23-0318	EA	4" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	189.28	13.50
		For DR 25, Deduct	*-9.74*	
33 14 13 23-0319	EA	6" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	332.82	15.18
		For DR 25, Deduct	*-18.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0320	EA	8" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	421.92	16.87
		For DR 25, Deduct	*-23.29*	
33 14 13 23-0321	EA	10" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	596.06	26.54
		For DR 25, Deduct	*-32.58*	
33 14 13 23-0322	EA	12" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	796.12	44.25
		For DR 25, Deduct	*-42.46*	
33 14 13 23-0323		11-1/4 Degree Elbows, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) *(33 14 13 23-0304)*		
33 14 13 23-0324	EA	4" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	167.05	13.50
		For DR 25, Deduct	*-8.40*	
33 14 13 23-0325	EA	6" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	332.82	15.18
		For DR 25, Deduct	*-18.15*	
33 14 13 23-0326	EA	8" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	421.92	16.87
		For DR 25, Deduct	*-23.29*	
33 14 13 23-0327	EA	10" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	596.06	26.54
		For DR 25, Deduct	*-32.58*	
33 14 13 23-0328	EA	12" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	796.12	44.25
		For DR 25, Deduct	*-42.46*	
33 14 13 23-0329		Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) *(33 14 13 23-0304)*		
33 14 13 23-0330	EA	4" Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	258.11	15.18
		For DR 25, Deduct	*-13.67*	
33 14 13 23-0331	EA	6" Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	499.33	16.87
		For DR 25, Deduct	*-27.94*	
33 14 13 23-0332	EA	8" Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	697.09	19.12
		For DR 25, Deduct	*-39.53*	
33 14 13 23-0333	EA	10" Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,437.05	33.19
		For DR 25, Deduct	*-82.24*	
33 14 13 23-0334	EA	12" Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,751.76	66.37
		For DR 25, Deduct	*-97.14*	
33 14 13 23-0335		Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) *(33 14 13 23-0304)*		
33 14 13 23-0336	EA	6" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	496.85	21.93
		For DR 25, Deduct	*-27.18*	
33 14 13 23-0337	EA	8" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	676.23	23.62
		For DR 25, Deduct	*-37.74*	
33 14 13 23-0338	EA	8" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	693.16	24.46
		For DR 25, Deduct	*-38.65*	
33 14 13 23-0339	EA	10" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	898.74	33.19
		For DR 25, Deduct	*-49.94*	
33 14 13 23-0340	EA	10" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,218.13	34.01
		For DR 25, Deduct	*-69.01*	
33 14 13 23-0341	EA	10" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,303.26	34.85
		For DR 25, Deduct	*-74.01*	
33 14 13 23-0342	EA	12" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,380.48	50.88
		For DR 25, Deduct	*-76.72*	
33 14 13 23-0343	EA	12" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,585.25	51.72
		For DR 25, Deduct	*-88.91*	
33 14 13 23-0344	EA	12" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,681.97	52.54
		For DR 25, Deduct	*-94.61*	
33 14 13 23-0345	EA	12" x 10" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,713.32	57.51
		For DR 25, Deduct	*-95.90*	
33 14 13 23-0346		Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) *(33 14 13 23-0304)*		
33 14 13 23-0347	EA	4" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	357.65	26.99
		For DR 25, Deduct	*-18.22*	
33 14 13 23-0348	EA	6" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	643.52	30.37
		For DR 25, Deduct	*-34.97*	
33 14 13 23-0349	EA	8" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	891.45	33.74
		For DR 25, Deduct	*-49.44*	
33 14 13 23-0350	EA	10" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,818.83	53.09
		For DR 25, Deduct	*-102.76*	
33 14 13 23-0351	EA	12" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	2,156.93	66.37
		For DR 25, Deduct	*-121.45*	
33 14 13 23-0352		Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) *(33 14 13 23-0304)*		
33 14 13 23-0353	EA	6" x 4" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	624.05	28.68
		For DR 25, Deduct	*-34.00*	
33 14 13 23-0354	EA	8" x 4" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	847.96	30.37
		For DR 25, Deduct	*-47.23*	
33 14 13 23-0355	EA	8" x 6" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	869.57	32.05
		For DR 25, Deduct	*-48.33*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0356	EA	10" x 4" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,303.87	39.82
		For DR 25, Deduct	*-73.45*	
33 14 13 23-0357	EA	10" x 6" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,520.79	41.48
		For DR 25, Deduct	*-86.27*	
33 14 13 23-0358	EA	10" x 8" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,670.85	43.14
		For DR 25, Deduct	*-95.07*	
33 14 13 23-0359	EA	12" x 4" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,713.97	57.51
		For DR 25, Deduct	*-95.94*	
33 14 13 23-0360	EA	12" x 6" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,970.56	59.17
		For DR 25, Deduct	*-111.13*	
33 14 13 23-0361	EA	12" x 8" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	2,092.73	60.84
		For DR 25, Deduct	*-118.26*	
33 14 13 23-0362	EA	12" x 10" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	2,139.27	70.79
		For DR 25, Deduct	*-119.86*	

33 14 13 23-0363 Couplings, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) *(33 14 13 23-0304)*

33 14 13 23-0364	EA	4" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	129.39	13.50
		For DR 25, Deduct	*-6.14*	
33 14 13 23-0365	EA	6" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	241.73	15.18
		For DR 25, Deduct	*-12.68*	
33 14 13 23-0366	EA	8" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	291.03	16.87
		For DR 25, Deduct	*-15.44*	
33 14 13 23-0367	EA	10" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	413.01	26.54
		For DR 25, Deduct	*-21.59*	
33 14 13 23-0368	EA	12" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	657.74	33.19
		For DR 25, Deduct	*-35.48*	

33 14 13 23-0369 Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) *(33 14 13 23-0304)*

33 14 13 23-0370	EA	4" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	160.57	13.50
		For DR 25, Deduct	*-8.01*	
33 14 13 23-0371	EA	6" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	218.33	15.18
		For DR 25, Deduct	*-11.28*	
33 14 13 23-0372	EA	8" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	317.69	16.87
		For DR 25, Deduct	*-17.04*	
33 14 13 23-0373	EA	10" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	433.79	26.54
		For DR 25, Deduct	*-22.84*	
33 14 13 23-0374	EA	12" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	695.02	44.25
		For DR 25, Deduct	*-36.39*	

33 14 13 26 Galvanized Steel Public Water Utility Distribution Piping *(33 14 13)*

See CSI section 22 11 16 00-0013 for galvanized steel pipe.

33 14 13 36 Steel Public Water Utility Distribution Piping *(33 14 13)*

33 14 13 36-0001 Steel Piping *(33 14 13 36)*

33 14 13 36-0002 Welded, Plain End, Uncoated Steel Piping *(33 14 13 36-0001)*

Note: ASTM A252 steel pipe. See CSI section 33 14 13 43-0001 for pipe coatings, 33 14 13 43-0073 for pipe linings.

33 14 13 36-0003 Up To 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Piping *(33 14 13 36-0002)*

33 14 13 36-0004	LF	8" Diameter, 3/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	102.65	29.87
		For <100, Add	*11.92*	
		For >1,000, Deduct	*-5.13*	
33 14 13 36-0005	LF	8" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	120.92	29.87
		For <100, Add	*12.84*	
		For >1,000, Deduct	*-6.05*	
33 14 13 36-0006	LF	10" Diameter, 3/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	121.23	32.58
		For <100, Add	*13.47*	
		For >1,000, Deduct	*-6.06*	
33 14 13 36-0007	LF	10" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	144.33	32.58
		For <100, Add	*14.62*	
		For >1,000, Deduct	*-7.22*	
33 14 13 36-0008	LF	12" Diameter, 3/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	145.13	34.14
		For <100, Add	*15.01*	
		For >1,000, Deduct	*-7.26*	
33 14 13 36-0009	LF	12" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	163.10	34.14
		For <100, Add	*15.91*	
		For >1,000, Deduct	*-8.16*	

33 14 13 36-0010 Flexible Couplings (Dresser Style 38) *(33 14 13 36-0001)*

33 14 13 36-0011	EA	2" Diameter x 5" Length, Dresser Coupling For Plain End Welded Steel Pipe	159.19	28.62
		For 7" Length, Add	*10.41*	
33 14 13 36-0012	EA	3" Diameter x 5" Length, Dresser Coupling For Plain End Welded Steel Pipe	218.82	55.05
		For 7" Length, Add	*10.87*	
33 14 13 36-0013	EA	4" Diameter x 5" Length, Dresser Coupling For Plain End Welded Steel Pipe	291.05	72.66
		For 7" Length, Add	*14.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 36-0014	EA	6" Diameter x 5" Length, Dresser Coupling For Plain End Welded Steel Pipe	471.64	110.09
		For 7" Length, Add	*25.15*	
33 14 13 36-0015	EA	8" Diameter x 5" Length, Dresser Coupling For Plain End Welded Steel Pipe	624.39	138.71
		For 7" Length, Add	*34.92*	
33 14 13 36-0016	EA	10" Diameter x 5" Length, Dresser Coupling For Plain End Welded Steel Pipe	897.60	176.82
		For 7" Length, Add	*54.40*	
33 14 13 36-0017	EA	12" Diameter x 5" Length, Dresser Coupling For Plain End Welded Steel Pipe	1,056.15	221.62
		For 7" Length, Add	*61.41*	

33 14 13 39 Copper Public Water Utility Distribution Piping *(33 14 13)*

33 14 13 39-0001 Type L Copper Water Distribution Piping *(33 14 13 39)*

33 14 13 39-0002	LF	1/2" Type L Copper Water Distribution Pipe	8.53	2.14
33 14 13 39-0003	LF	3/4" Type L Copper Water Distribution Pipe	10.97	2.40
33 14 13 39-0004	LF	1" Type L Copper Water Distribution Pipe	14.60	2.67
33 14 13 39-0005	LF	1-1/4" Type L Copper Water Distribution Pipe	18.40	3.20
33 14 13 39-0006	LF	1-1/2" Type L Copper Water Distribution Pipe	22.78	4.27
33 14 13 39-0007	LF	2" Type L Copper Water Distribution Pipe	33.67	5.33
33 14 13 39-0008	LF	2-1/2" Type L Copper Water Distribution Pipe	42.27	6.41
33 14 13 39-0009	LF	3" Type L Copper Water Distribution Pipe	53.44	7.04
33 14 13 39-0010	LF	3-1/2" Type L Copper Water Distribution Pipe	71.69	8.86
33 14 13 39-0011	LF	4" Type L Copper Water Distribution Pipe	94.88	11.20
33 14 13 39-0012	LF	5" Type L Copper Water Distribution Pipe	154.74	13.98
33 14 13 39-0013	LF	6" Type L Copper Water Distribution Pipe	200.40	16.86
33 14 13 39-0014	LF	8" Type L Copper Water Distribution Pipe	349.83	18.88

33 14 13 39-0015 Type K Copper Water Distribution Piping *(33 14 13 39)*

33 14 13 39-0016	LF	1/2" Type K Copper Water Distribution Pipe	9.15	2.14
33 14 13 39-0017	LF	3/4" Type K Copper Water Distribution Pipe	13.14	2.40
33 14 13 39-0018	LF	1" Type K Copper Water Distribution Pipe	16.76	2.67
33 14 13 39-0019	LF	1-1/4" Type K Copper Water Distribution Pipe	19.73	3.20
33 14 13 39-0020	LF	1-1/2" Type K Copper Water Distribution Pipe	24.76	4.27
33 14 13 39-0021	LF	2" Type K Copper Water Distribution Pipe	36.34	5.33
33 14 13 39-0022	LF	2-1/2" Type K Copper Water Distribution Pipe	49.66	6.41
33 14 13 39-0023	LF	3" Type K Copper Water Distribution Pipe	64.51	7.04
33 14 13 39-0024	LF	3-1/2" Type K Copper Water Distribution Pipe	84.70	8.86
33 14 13 39-0025	LF	4" Type K Copper Water Distribution Pipe	114.62	11.20
33 14 13 39-0026	LF	5" Type K Copper Water Distribution Pipe	195.58	13.98
33 14 13 39-0027	LF	6" Type K Copper Water Distribution Pipe	273.85	16.86
33 14 13 39-0028	LF	8" Type K Copper Water Distribution Pipe	485.39	18.88

33 14 13 43 Public Water Utility Distribution Piping Coatings and Wraps *(33 14 13)*

33 14 13 43-0001 Pipe Coatings *(33 14 13 43)*

33 14 13 43-0002 Epoxy Wrap And Pipe Coating *(33 14 13 43-0001)*

Note: Applied at fabrication shop.

33 14 13 43-0003	LF	8" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	3.97
33 14 13 43-0004	LF	10" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	4.73
33 14 13 43-0005	LF	12" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	5.58
33 14 13 43-0006	LF	14" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	7.41
33 14 13 43-0007	LF	16" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	8.45
33 14 13 43-0008	LF	18" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	8.89
33 14 13 43-0009	LF	20" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	9.57
33 14 13 43-0010	LF	24" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	11.15
33 14 13 43-0011	LF	30" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	14.64
33 14 13 43-0012	LF	36" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	23.13
33 14 13 43-0013	LF	42" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	49.87
33 14 13 43-0014	LF	48" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	56.99
33 14 13 43-0015	LF	54" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	64.11
33 14 13 43-0016	LF	60" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	71.24
33 14 13 43-0017	LF	66" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	78.36
33 14 13 43-0018	LF	72" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	85.45
33 14 13 43-0019	LF	78" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	92.61
33 14 13 43-0020	LF	84" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	99.73
33 14 13 43-0021	LF	90" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	106.85
33 14 13 43-0022	LF	96" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	113.98
33 14 13 43-0023	LF	102" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	121.07
33 14 13 43-0024	LF	108" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	128.26
33 14 13 43-0025	LF	114" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	135.28
33 14 13 43-0026	LF	120" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	142.47
33 14 13 43-0027	LF	126" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	149.67
33 14 13 43-0028	LF	132" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	156.50
33 14 13 43-0029	LF	138" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	163.70
33 14 13 43-0030	LF	144" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	170.90

33 14 13 43-0031 Cement Coating With Fiberglass Or Wire Mesh Reinforcing *(33 14 13 43-0001)*

Note: Applied at fabrication shop. Thickness ranging between 1" and 2".

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 43-0032	LF	4" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	9.53	
33 14 13 43-0033	LF	6" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	11.73	
33 14 13 43-0034	LF	8" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	14.66	
33 14 13 43-0035	LF	10" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	16.33	
33 14 13 43-0036	LF	12" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	18.44	
33 14 13 43-0037	LF	14" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	21.59	
33 14 13 43-0038	LF	16" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	24.52	
33 14 13 43-0039	LF	18" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	27.67	
33 14 13 43-0040	LF	20" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	30.75	
33 14 13 43-0041	LF	24" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	36.89	
33 14 13 43-0042	LF	30" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	46.11	
33 14 13 43-0043	LF	36" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	55.33	
33 14 13 43-0044	LF	42" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	64.55	
33 14 13 43-0045	LF	48" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	73.78	
33 14 13 43-0046	LF	54" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	83.00	
33 14 13 43-0047	LF	60" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	92.22	
33 14 13 43-0048	LF	66" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	101.44	
33 14 13 43-0049	LF	72" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	110.66	
33 14 13 43-0050	LF	78" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	119.89	
33 14 13 43-0051	LF	84" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	129.11	
33 14 13 43-0052	LF	90" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	138.33	
33 14 13 43-0053	LF	96" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	147.55	
33 14 13 43-0054	LF	102" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	156.77	
33 14 13 43-0055	LF	108" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	166.00	
33 14 13 43-0056	LF	114" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	175.22	
33 14 13 43-0057	LF	120" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	184.44	
33 14 13 43-0058	LF	126" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	193.66	
33 14 13 43-0059	LF	132" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	202.88	
33 14 13 43-0060	LF	138" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	212.11	
33 14 13 43-0061	LF	144" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	221.33	

33 14 13 43-0062 Epoxy Wrap And Fitting Coating *(33 14 13 43-0001)*

Note: Applied at fabrication shop.

33 14 13 43-0063	EA	4" Outside Diameter, Epoxy Wrap And Fitting Coating	10.71	
		For 1/2" Thick, Add	*0.60*	
33 14 13 43-0064	EA	6" Outside Diameter, Epoxy Wrap And Fitting Coating	13.64	
		For 1/2" Thick, Add	*0.79*	
33 14 13 43-0065	EA	8" Outside Diameter, Epoxy Wrap And Fitting Coating	19.66	
		For 1/2" Thick, Add	*1.03*	
33 14 13 43-0066	EA	10" Outside Diameter, Epoxy Wrap And Fitting Coating	32.68	
		For 1/2" Thick, Add	*1.51*	
33 14 13 43-0067	EA	12" Outside Diameter, Epoxy Wrap And Fitting Coating	49.80	
		For 1/2" Thick, Add	*2.23*	
33 14 13 43-0068	EA	14" Outside Diameter, Epoxy Wrap And Fitting Coating	77.93	
		For 1/2" Thick, Add	*3.41*	
33 14 13 43-0069	EA	16" Outside Diameter, Epoxy Wrap And Fitting Coating	118.62	
		For 1/2" Thick, Add	*4.40*	
33 14 13 43-0070	EA	18" Outside Diameter, Epoxy Wrap And Fitting Coating	160.01	
		For 1/2" Thick, Add	*4.53*	
33 14 13 43-0071	EA	20" Outside Diameter, Epoxy Wrap And Fitting Coating	217.02	
		For 1/2" Thick, Add	*5.42*	
33 14 13 43-0072	EA	24" Outside Diameter, Epoxy Wrap And Fitting Coating	315.18	
		For 1/2" Thick, Add	*7.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 43-0073		**Cement Pipe Lining** *(33 14 13 43)*		
33 14 13 43-0074		**Cement Pipe Lining** *(33 14 13 43-0073)*		
		Note: Shop applied.		
33 14 13 43-0075	LF	4" Outside Diameter, 1/4" Thick Cement Pipe Lining	14.08	
		For 1/2" Thick, Add	*1.27*	
33 14 13 43-0076	LF	6" Outside Diameter, 1/4" Thick Cement Pipe Lining	17.49	
		For 1/2" Thick, Add	*1.56*	
33 14 13 43-0077	LF	8" Outside Diameter, 1/4" Thick Cement Pipe Lining	21.36	
		For 1/2" Thick, Add	*1.95*	
33 14 13 43-0078	LF	10" Outside Diameter, 1/4" Thick Cement Pipe Lining	27.68	
		For 1/2" Thick, Add	*2.44*	
33 14 13 43-0079	LF	12" Outside Diameter, 1/4" Thick Cement Pipe Lining	34.02	
		For 1/2" Thick, Add	*2.94*	
33 14 13 43-0080	LF	14" Outside Diameter, 1/4" Thick Cement Pipe Lining	43.29	
		For 1/2" Thick, Add	*3.44*	
33 14 13 43-0081	LF	16" Outside Diameter, 1/4" Thick Cement Pipe Lining	55.78	
		For 1/2" Thick, Add	*3.91*	
33 14 13 43-0082	LF	18" Outside Diameter, 5/16" Thick Cement Pipe Lining	66.49	
		For 1/2" Thick, Add	*3.75*	
33 14 13 43-0083	LF	20" Outside Diameter, 5/16" Thick Cement Pipe Lining	80.07	
		For 1/2" Thick, Add	*4.17*	
33 14 13 43-0084	LF	24" Outside Diameter, 5/16" Thick Cement Pipe Lining	97.03	
		For 1/2" Thick, Add	*5.00*	
33 14 13 43-0085	LF	30" Outside Diameter, 5/16" Thick Cement Pipe Lining	116.94	
		For 1/2" Thick, Add	*6.25*	
33 14 13 43-0086	LF	36" Outside Diameter, 5/16" Thick Cement Pipe Lining	140.72	
		For 1/2" Thick, Add	*7.49*	
33 14 13 43-0087	LF	42" Outside Diameter, 3/8" Thick Cement Pipe Lining	164.20	
		For 1/2" Thick, Add	*6.43*	
33 14 13 43-0088	LF	48" Outside Diameter, 3/8" Thick Cement Pipe Lining	187.59	
		For 1/2" Thick, Add	*7.35*	
33 14 13 43-0089	LF	54" Outside Diameter, 3/8" Thick Cement Pipe Lining	211.08	
		For 1/2" Thick, Add	*8.27*	
33 14 13 43-0090	LF	60" Outside Diameter, 3/8" Thick Cement Pipe Lining	234.56	
		For 1/2" Thick, Add	*9.18*	
33 14 13 43-0091	LF	66" Outside Diameter, 7/16" Thick Cement Pipe Lining	257.95	
		For 1/2" Thick, Add	*5.39*	
33 14 13 43-0092	LF	72" Outside Diameter, 7/16" Thick Cement Pipe Lining	281.44	
		For 1/2" Thick, Add	*5.88*	
33 14 13 43-0093	LF	78" Outside Diameter, 7/16" Thick Cement Pipe Lining	304.93	
		For 1/2" Thick, Add	*6.37*	
33 14 13 43-0094	LF	84" Outside Diameter, 7/16" Thick Cement Pipe Lining	328.31	
		For 1/2" Thick, Add	*6.86*	
33 14 13 43-0095	LF	90" Outside Diameter, 7/16" Thick Cement Pipe Lining	351.80	
		For 1/2" Thick, Add	*7.35*	
33 14 13 43-0096	LF	96" Outside Diameter, 1/2" Thick Cement Pipe Lining	375.28	
33 14 13 43-0097	LF	102" Outside Diameter, 1/2" Thick Cement Pipe Lining	398.67	
33 14 13 43-0098	LF	108" Outside Diameter, 1/2" Thick Cement Pipe Lining	422.15	
33 14 13 43-0099	LF	114" Outside Diameter, 1/2" Thick Cement Pipe Lining	445.64	
33 14 13 43-0100	LF	120" Outside Diameter, 1/2" Thick Cement Pipe Lining	469.03	
33 14 13 43-0101	LF	126" Outside Diameter, 1/2" Thick Cement Pipe Lining	492.51	
33 14 13 43-0102	LF	132" Outside Diameter, 1/2" Thick Cement Pipe Lining	516.00	
33 14 13 43-0103	LF	138" Outside Diameter, 1/2" Thick Cement Pipe Lining	539.39	
33 14 13 43-0104	LF	144" Outside Diameter, 1/2" Thick Cement Pipe Lining	562.87	
33 14 13 43-0105		**Cement Fitting Lining** *(33 14 13 43-0073)*		
		Note: Shop applied.		
33 14 13 43-0106	EA	4" Outside Diameter, 1/4" Thick Cement Fitting Lining	15.06	
		For 1/2" Thick, Add	*1.47*	
33 14 13 43-0107	EA	6" Outside Diameter, 1/4" Thick Cement Fitting Lining	19.44	
		For 1/2" Thick, Add	*1.95*	
33 14 13 43-0108	EA	8" Outside Diameter, 1/4" Thick Cement Fitting Lining	27.21	
		For 1/2" Thick, Add	*2.54*	
33 14 13 43-0109	EA	10" Outside Diameter, 1/4" Thick Cement Fitting Lining	44.67	
		For 1/2" Thick, Add	*3.91*	
33 14 13 43-0110	EA	12" Outside Diameter, 1/4" Thick Cement Fitting Lining	68.04	
		For 1/2" Thick, Add	*5.88*	
33 14 13 43-0111	EA	14" Outside Diameter, 1/4" Thick Cement Fitting Lining	100.44	
		For 1/2" Thick, Add	*7.91*	
33 14 13 43-0112	EA	16" Outside Diameter, 1/4" Thick Cement Fitting Lining	147.44	
		For 1/2" Thick, Add	*10.16*	
33 14 13 43-0113	EA	18" Outside Diameter, 5/16" Thick Cement Fittings Lining	199.48	
		For 1/2" Thick, Add	*11.24*	
33 14 13 43-0114	EA	20" Outside Diameter, 5/16" Thick Cement Fitting Lining	266.73	
		For 1/2" Thick, Add	*13.87*	
33 14 13 43-0115	EA	24" Outside Diameter, 5/16" Thick Cement Fitting Lining	388.13	
		For 1/2" Thick, Add	*19.99*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 43-0116		8 Mil Polyethylene Encasement Tubing *(33 14 13 43)* Note: ANSI/AWWA C105/A21.5-99 section 4.2.		
33 14 13 43-0117	LF	3" To 8" Diameter, 8 Mil Polyethylene Encasement Tubing	1.06	
33 14 13 43-0118	LF	10" To 12" Diameter, 8 Mil Polyethylene Encasement Tubing	1.77	
33 14 13 43-0119	LF	14" To 16" Diameter, 8 Mil Polyethylene Encasement Tubing	2.21	
33 14 13 43-0120	LF	18" To 20" Diameter, 8 Mil Polyethylene Encasement Tubing	2.81	
33 14 13 43-0121	LF	24" Diameter, 8 Mil Polyethylene Encasement Tubing	3.88	
33 14 13 53		**Public Water Utility Distribution Piping Saddles And Adapters** *(33 14 13)*		
33 14 13 53-0001		Double Stud Stainless Steel Service Saddles *(33 14 13 53)* Note: 1/2" listed taps are compression, 3/4" to 2" are either compression or NPT.		
33 14 13 53-0002	EA	4" Diameter x 1/2", 3/4" Or 1" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	269.87	
33 14 13 53-0003	EA	4" Diameter x 1-1/4" Or 1-1/2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	375.51	
33 14 13 53-0004	EA	4" Diameter x 2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	388.30	
33 14 13 53-0005	EA	6" Diameter x 1/2", 3/4" Or 1" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	321.79	
33 14 13 53-0006	EA	6" Diameter x 1-1/4", 1-1/2" Or 2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	403.11	
33 14 13 53-0007	EA	8" Diameter x 1/2", 3/4" Or 1" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	336.51	
33 14 13 53-0008	EA	8" Diameter x 1-1/4", 1-1/2" Or 2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	422.27	
33 14 13 53-0009	EA	10" Diameter x 1/2", 3/4" Or 1" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	378.15	
33 14 13 53-0010	EA	10" Diameter x 1-1/4", 1-1/2" Or 2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	444.87	
33 14 13 53-0011	EA	12" Diameter x 1/2", 3/4" Or 1" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	394.55	
33 14 13 53-0012	EA	12" Diameter x 1-1/4", 1-1/2" Or 2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	456.22	
33 14 13 53-0013		Double Bale Epoxy Coated Ductile Iron Body Service Saddles *(33 14 13 53)* Note: Electro-galvanized steel bales. 5/8" listed taps are compression. 3/4" to 2" are either compression or NPT. 2-1/2", 3" or 4" are NPT.		
33 14 13 53-0014	EA	1-1/4" To 1-1/2" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	228.41	
33 14 13 53-0015	EA	2" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	228.56	
33 14 13 53-0016	EA	2" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	243.21	
33 14 13 53-0017	EA	2-1/2" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	232.17	
33 14 13 53-0018	EA	3" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	248.37	
33 14 13 53-0019	EA	3" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	274.14	
33 14 13 53-0020	EA	3" Diameter x 2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	291.48	
33 14 13 53-0021	EA	4" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	267.04	
33 14 13 53-0022	EA	4" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	293.01	
33 14 13 53-0023	EA	4" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	307.96	
33 14 13 53-0024	EA	5" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	281.80	
33 14 13 53-0025	EA	5" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	308.58	
33 14 13 53-0026	EA	5" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	323.47	
33 14 13 53-0027	EA	6" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	297.05	
33 14 13 53-0028	EA	6" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	323.09	
33 14 13 53-0029	EA	6" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	337.79	
33 14 13 53-0030	EA	6" Diameter x 3" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	486.71	
33 14 13 53-0031	EA	6" Diameter x 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	499.50	
33 14 13 53-0032	EA	8" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	321.17	
33 14 13 53-0033	EA	8" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	352.44	
33 14 13 53-0034	EA	8" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	366.14	
33 14 13 53-0035	EA	8" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	574.38	
33 14 13 53-0036	EA	10" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	358.32	
33 14 13 53-0037	EA	10" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	395.65	
33 14 13 53-0038	EA	10" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	639.74	
33 14 13 53-0039	EA	12" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	389.04	
33 14 13 53-0040	EA	12" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	428.48	
33 14 13 53-0041	EA	12" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	443.97	
33 14 13 53-0042	EA	12" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	712.26	
33 14 13 53-0043	EA	14" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	451.61	
33 14 13 53-0044	EA	14" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	482.69	
33 14 13 53-0045	EA	14" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	518.96	
33 14 13 53-0046	EA	14" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	870.83	
33 14 13 53-0047	EA	15" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	464.38	
33 14 13 53-0048	EA	15" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	526.58	
33 14 13 53-0049	EA	15" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	548.46	
33 14 13 53-0050	EA	15" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	935.00	
33 14 13 53-0051	EA	16" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	485.15	
33 14 13 53-0052	EA	16" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	549.60	
33 14 13 53-0053	EA	16" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	572.04	
33 14 13 53-0054	EA	16" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	972.85	
33 14 13 53-0055	EA	18" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	535.45	
33 14 13 53-0056	EA	18" Diameter x 1-1/4" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	617.20	
33 14 13 53-0057	EA	20" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	607.79	
33 14 13 53-0058	EA	20" Diameter x 1-1/4" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	671.97	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 53-0059	EA	24" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	634.58	
33 14 13 53-0060	EA	24" Diameter x 1-1/4" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	714.89	
33 14 13 53-0061		**Double Bale Bronze Service Saddles** *(33 14 13 53)*		
33 14 13 53-0062	EA	4" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	312.59	
33 14 13 53-0063	EA	4" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	341.21	
33 14 13 53-0064	EA	6" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	355.07	
33 14 13 53-0065	EA	6" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	383.97	
33 14 13 53-0066	EA	8" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	394.58	
33 14 13 53-0067	EA	8" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	414.68	
33 14 13 53-0068	EA	10" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	383.95	
33 14 13 53-0069	EA	10" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	408.06	
33 14 13 53-0070	EA	12" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	482.72	
33 14 13 53-0071	EA	12" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	521.28	
33 14 13 53-0072	EA	14" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	716.61	
33 14 13 53-0073	EA	14" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	807.64	
33 14 13 53-0074	EA	16" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	831.73	
33 14 13 53-0075	EA	16" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	926.57	
33 14 13 53-0076		**Stainless Steel Double Straps, Bronze Body Service Saddle** *(33 14 13 53)*		
		Note: Taps are compression or NPT.		
33 14 13 53-0077	EA	4" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	327.66	
33 14 13 53-0078	EA	4" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	360.23	
33 14 13 53-0079	EA	6" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	372.87	
33 14 13 53-0080	EA	6" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	404.30	
33 14 13 53-0081	EA	8" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	416.58	
33 14 13 53-0082	EA	8" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	437.86	
33 14 13 53-0083	EA	10" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	467.82	
33 14 13 53-0084	EA	10" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	500.21	
33 14 13 53-0085	EA	12" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	502.88	
33 14 13 53-0086	EA	12" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	544.04	
33 14 13 53-0087	EA	14" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	766.57	
33 14 13 53-0088	EA	14" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	878.29	
33 14 13 53-0089	EA	16" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	891.01	
33 14 13 53-0090	EA	16" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	969.59	
33 14 13 53-0091		**Ductile Iron Mechanical Joint Tapping Sleeve** *(33 14 13 53)*		
33 14 13 53-0092	EA	4" Diameter x 4" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	1,441.38	
33 14 13 53-0093	EA	6" Diameter x 4" Or 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	1,741.46	
33 14 13 53-0094	EA	8" Diameter x 4" Or 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	2,080.05	
33 14 13 53-0095	EA	8" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	2,199.15	
33 14 13 53-0096	EA	10" Diameter x 4" Or 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	3,316.97	
33 14 13 53-0097	EA	10" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	3,482.89	
33 14 13 53-0098	EA	10" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	3,555.13	
33 14 13 53-0099	EA	12" Diameter x 4" Or 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	3,508.68	
33 14 13 53-0100	EA	12" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	3,673.94	
33 14 13 53-0101	EA	12" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	4,073.93	
33 14 13 53-0102	EA	12" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	4,176.87	
33 14 13 53-0103	EA	14" Diameter x 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	6,938.64	
33 14 13 53-0104	EA	14" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,125.12	
33 14 13 53-0105	EA	14" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,210.02	
33 14 13 53-0106	EA	14" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,247.59	
33 14 13 53-0107	EA	14" Diameter x 14" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,513.16	
33 14 13 53-0108	EA	16" Diameter x 4" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,504.28	
33 14 13 53-0109	EA	16" Diameter x 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,529.86	
33 14 13 53-0110	EA	16" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,738.03	
33 14 13 53-0111	EA	16" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,788.57	
33 14 13 53-0112	EA	16" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,844.00	
33 14 13 53-0113	EA	16" Diameter x 14" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	11,974.16	
33 14 13 53-0114	EA	16" Diameter x 16" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	8,228.57	
33 14 13 53-0115	EA	18" Diameter x 4" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	10,419.16	
33 14 13 53-0116	EA	18" Diameter x 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	10,886.88	
33 14 13 53-0117	EA	18" Diameter x 8", 10", 12" Or 16" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	11,023.78	
33 14 13 53-0118	EA	18" Diameter x 18" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	11,432.16	
33 14 13 53-0119	EA	20" Diameter x 4" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	9,774.76	
33 14 13 53-0120	EA	20" Diameter x 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	9,422.76	
33 14 13 53-0121	EA	20" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	9,602.33	
33 14 13 53-0122	EA	20" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	9,673.58	
33 14 13 53-0123	EA	20" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	10,021.11	
33 14 13 53-0124	EA	20" Diameter x 14" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	13,505.82	
33 14 13 53-0125	EA	20" Diameter x 16", 18" Or 20" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	13,772.88	
33 14 13 53-0126	EA	24" Diameter x 4", 6" Or 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	11,801.07	
33 14 13 53-0127	EA	24" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	11,965.51	
33 14 13 53-0128	EA	24" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	12,013.46	
33 14 13 53-0129	EA	24" Diameter x 14" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	16,582.65	
33 14 13 53-0130	EA	24" Diameter x 16" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	16,797.73	
33 14 13 53-0131	EA	24" Diameter x 18" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	16,848.86	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 53-0132	EA	24" Diameter x 20" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	17,309.84	
33 14 13 53-0133	EA	24" Diameter x 24" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	17,530.81	
33 14 13 53-0134		**Carbon Steel Epoxy Coated Flange, Stainless Steel Tapping Sleeve** *(33 14 13 53)*		
33 14 13 53-0135	EA	4" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,187.42	
33 14 13 53-0136	EA	6" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,264.62	
33 14 13 53-0137	EA	6" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,381.00	
33 14 13 53-0138	EA	8" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,423.88	
33 14 13 53-0139	EA	8" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,482.72	
33 14 13 53-0140	EA	8" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,698.64	
33 14 13 53-0141	EA	10" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,555.80	
33 14 13 53-0142	EA	10" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,613.14	
33 14 13 53-0143	EA	10" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,803.15	
33 14 13 53-0144	EA	10" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,474.41	
33 14 13 53-0145	EA	12" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,751.63	
33 14 13 53-0146	EA	12" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,834.95	
33 14 13 53-0147	EA	12" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,021.96	
33 14 13 53-0148	EA	12" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,623.47	
33 14 13 53-0149	EA	12" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,857.53	
33 14 13 53-0150	EA	14" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,294.31	
33 14 13 53-0151	EA	14" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,363.52	
33 14 13 53-0152	EA	14" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,762.93	
33 14 13 53-0153	EA	14" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,257.74	
33 14 13 53-0154	EA	14" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,580.05	
33 14 13 53-0155	EA	16" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,721.40	
33 14 13 53-0156	EA	16" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,792.81	
33 14 13 53-0157	EA	16" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,057.75	
33 14 13 53-0158	EA	16" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,764.76	
33 14 13 53-0159	EA	16" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,933.08	
33 14 13 53-0160	EA	18" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,891.67	
33 14 13 53-0161	EA	18" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,019.71	
33 14 13 53-0162	EA	18" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,196.95	
33 14 13 53-0163	EA	18" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	4,028.60	
33 14 13 53-0164	EA	18" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	4,196.74	
33 14 13 53-0165	EA	20" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,484.65	
33 14 13 53-0166	EA	20" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,555.90	
33 14 13 53-0167	EA	20" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,951.62	
33 14 13 53-0168	EA	20" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	4,619.65	
33 14 13 53-0169	EA	20" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	4,904.05	
33 14 13 53-0170	EA	24" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,764.00	
33 14 13 53-0171	EA	24" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,918.22	
33 14 13 53-0172	EA	24" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	4,125.87	
33 14 13 53-0173	EA	24" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	5,073.36	
33 14 13 53-0174	EA	24" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	5,248.60	
33 14 13 53-0175		**Stainless Steel Flange, Stainless Steel Tapping Sleeve** *(33 14 13 53)*		
33 14 13 53-0176	EA	4" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,368.47	
33 14 13 53-0177	EA	6" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,493.29	
33 14 13 53-0178	EA	6" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,580.26	
33 14 13 53-0179	EA	8" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,615.16	
33 14 13 53-0180	EA	8" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,715.08	
33 14 13 53-0181	EA	8" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,010.36	
33 14 13 53-0182	EA	10" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,851.93	
33 14 13 53-0183	EA	10" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,962.56	
33 14 13 53-0184	EA	10" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,227.40	
33 14 13 53-0185	EA	10" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,992.03	
33 14 13 53-0186	EA	12" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,115.17	
33 14 13 53-0187	EA	12" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,265.37	
33 14 13 53-0188	EA	12" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,614.72	
33 14 13 53-0189	EA	12" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,069.36	
33 14 13 53-0190	EA	12" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,417.34	
33 14 13 53-0191		**Ductile Iron Body, Flanged Coupling Adapter** *(33 14 13 53)*		
33 14 13 53-0192	EA	3" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912)	337.72	64.22
33 14 13 53-0193	EA	4" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912)	423.19	80.97
33 14 13 53-0194	EA	6" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912)	557.03	111.69
33 14 13 53-0195	EA	8" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912)	720.43	131.23
33 14 13 53-0196	EA	10" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912)	1,125.03	147.99
33 14 13 53-0197	EA	12" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912)	1,257.08	167.53
33 14 13 53-0198		**Steel Body, Flanged Coupling Adapter** *(33 14 13 53)*		
33 14 13 53-0199	EA	3" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	489.58	64.22
33 14 13 53-0200	EA	4" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	579.45	80.97
33 14 13 53-0201	EA	6" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	774.09	111.69
33 14 13 53-0202	EA	8" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	946.34	131.23
33 14 13 53-0203	EA	10" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	1,154.01	147.99

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 53-0204	EA	12" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	1,344.23	167.53
33 14 13 53-0205		**Ductile Iron Body, Omni Coupling System** *(33 14 13 53)*		
33 14 13 53-0206	EA	2" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	154.44	44.67
33 14 13 53-0207	EA	2-1/2" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	190.27	53.05
33 14 13 53-0208	EA	3" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	235.39	64.22
33 14 13 53-0209	EA	4" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	295.63	80.97
33 14 13 53-0210	EA	6" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	394.84	111.69
33 14 13 53-0211	EA	8" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	479.21	131.23
33 14 13 53-0212	EA	10" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	596.89	147.99
33 14 13 53-0213	EA	12" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	697.42	167.53

33 14 19 Valves and Hydrants for Water Utility Service *(33 14)*

Note: Flanged valves excludes bolt and gasket set. Excludes excavation and backfill. See CSI section 23 21 13 23-0619 for bolt and gasket sets.

33 14 19 00-0001 Accessories For Valves *(33 14 19)*

33 14 19 00-0002	EA	1' Valve Extension Stem	110.54	
		For Each Additional LF, Add	*8.80*	
33 14 19 00-0003	EA	Up to 80" Long Indicator Post Telescoping Barrel Assembly Note: Excludes valve.	1,696.19	110.09
33 14 19 00-0004	EA	>80" To 114" Long Indicator Post Telescoping Barrel Assembly Note: Excludes valve.	1,924.32	121.10
33 14 19 00-0005	EA	Adjust Water Valve Box To Grade	110.09	

33 14 19 00-0006 Water Utility Distribution Valves *(33 14 19)*

33 14 19 00-0007 Angle Valves *(33 14 19 00-0006)*

Note: For connecting meters to water service.

33 14 19 00-0008 Threaded, Class 150, Bronze Angle Valve *(33 14 19 00-0007)*

Note: Nibco T-335Y

33 14 19 00-0009	EA	1/2" Threaded, Class 150, Bronze Angle Valve	105.30	19.13
33 14 19 00-0010	EA	3/4" Threaded, Class 150, Bronze Angle Valve	142.02	25.70
33 14 19 00-0011	EA	1" Threaded, Class 150, Bronze Angle Valve	191.10	31.68
33 14 19 00-0012	EA	1-1/4" Threaded, Class 150, Bronze Angle Valve	246.01	39.81
33 14 19 00-0013	EA	1-1/2" Threaded, Class 150, Bronze Angle Valve	306.99	46.02
33 14 19 00-0014	EA	2" Threaded, Class 150, Bronze Angle Valve	457.18	53.80
33 14 19 00-0015	EA	2-1/2" Threaded, Class 150, Bronze Angle Valve	731.49	73.43
33 14 19 00-0016	EA	3" Threaded, Class 150, Bronze Angle Valve	1,108.91	84.77

33 14 19 00-0017 Butterfly Valves *(33 14 19 00-0006)*

33 14 19 00-0018 Lug Type Flanged, Cast Iron Disc, Butterfly Valves *(33 14 19 00-0017)*

Note: ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, 304 Stainless Steel Pin

33 14 19 00-0019	EA	3" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,3,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD8 Modified)	2,131.31	203.25
33 14 19 00-0020	EA	3" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,3,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW8 Modified)	2,385.56	203.25
33 14 19 00-0021	EA	4" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,4,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD8 Modified)	2,395.31	314.54
33 14 19 00-0022	EA	4" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,4,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW8 Modified)	2,647.39	314.54
33 14 19 00-0023	EA	6" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,6,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD8 Modified)	2,770.26	389.43
33 14 19 00-0024	EA	6" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,6,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW8 Modified)	3,022.34	389.43
33 14 19 00-0025	EA	8" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,8,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD8 Modified)	3,130.22	497.61
33 14 19 00-0026	EA	8" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,8,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW8 Modified)	3,380.85	497.61
33 14 19 00-0027	EA	10" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,10,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD8 Modified)	3,925.57	605.78
33 14 19 00-0028	EA	10" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,10,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW8)	3,925.57	605.78
33 14 19 00-0029	EA	12" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,12,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD8 Modified)	4,493.27	734.26

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 19 00-0030	EA	12" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,12,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW8 Modified)	4,745.34	734.26
33 14 19 00-0031	EA	14" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,14,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD12 Modified)	6,025.84	1,036.62
33 14 19 00-0032	EA	14" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,14,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW12 Modified)	6,685.01	1,036.62
33 14 19 00-0033	EA	16" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,16,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD16 Modified)	7,020.31	1,140.28
33 14 19 00-0034	EA	16" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,16,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW20 Modified)	7,828.69	1,140.28
33 14 19 00-0035	EA	18" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,18,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD24 Modified)	8,804.15	1,264.68
33 14 19 00-0036	EA	18" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,1BAW,18,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW24 Modified)	9,660.34	1,264.68
33 14 19 00-0037	EA	20" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,20,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD24 Modified)	10,090.09	1,425.36
33 14 19 00-0038	EA	20" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,20,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW24 Modified)	10,944.83	1,425.36
33 14 19 00-0039		**Lug Type Flanged, Ductile Iron Disc, Butterfly Valves** *(33 14 19 00-0017)* Note: ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, 304 Stainless Steel Pin		
33 14 19 00-0040	EA	24" Chainwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,24,F1,DI,NBRN-NBR,150B,DI-S2*GS-12A-CW20 Modified)	16,872.10	1,749.30
33 14 19 00-0041	EA	24" Cylinder Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,24,F1,DI,NBRN-NBR,150B,DI-S2*GS-12-PC10 Modified)	27,161.62	1,749.30
33 14 19 00-0042	EA	24" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,24,F1,DI,NBRN-NBR,150B,DI-S2*GS-12A-HD20 Modified)	16,821.25	1,749.30
33 14 19 00-0043	EA	30" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,30,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR3L-HD24 Modified)	27,639.58	2,772.39
33 14 19 00-0044	EA	36" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,36,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR3L-HD24 Modified)	54,654.80	3,696.52
33 14 19 00-0045	EA	42" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,42,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR3L-HD32 Modified)	64,624.26	5,544.79
33 14 19 00-0046	EA	48" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,48,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR4L-HD24 Modified)	81,982.65	6,930.98
33 14 19 00-0047	EA	54" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,54,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR6L-HD24 Modified)	114,547.44	8,317.17
33 14 19 00-0048	EA	60" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,60,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR6L-HD36 Modified)	143,536.55	9,980.61
33 14 19 00-0049	EA	72" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,72,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR8L-HD36 Modified)	205,963.52	11,976.73
33 14 19 00-0050	LF	3/16" Link, 316 Stainless Steel Chain For Use With DeZurik Chainwheel	19.00	
33 14 19 00-0051	EA	316 Stainless Steel Closing Link For Use With DeZurik Chainwheel Note: One required per valve.	10.00	
33 14 19 00-0052		**Check Valves** *(33 14 19 00-0006)*		
33 14 19 00-0053		**Flanged, Swing Type Gravity Operated Check Valves** *(33 14 19 00-0052)* Note: AWWA C508. Bronze disc facing. Mueller A-2600-6.		
33 14 19 00-0054	EA	2-1/2" Flanged, Swing Type Gravity Operated Check Valve	1,802.87	159.63
33 14 19 00-0055	EA	3" Flanged, Swing Type Gravity Operated Check Valve	1,836.94	187.16
33 14 19 00-0056	EA	4" Flanged, Swing Type Gravity Operated Check Valve	2,448.82	236.70
33 14 19 00-0057	EA	4" x 6" Flanged, Swing Type Gravity Operated Check Valve	3,540.58	356.14
33 14 19 00-0058	EA	4" x 8" Flanged, Swing Type Gravity Operated Check Valve	3,655.63	397.75
33 14 19 00-0059	EA	6" Flanged, Swing Type Gravity Operated Check Valve	3,470.69	396.33
33 14 19 00-0060	EA	6" x 8" Flanged, Swing Type Gravity Operated Check Valve	4,590.12	450.51
33 14 19 00-0061	EA	6" x 10" Flanged, Swing Type Gravity Operated Check Valve	4,764.34	506.42
33 14 19 00-0062	EA	8" Flanged, Swing Type Gravity Operated Check Valve	4,981.39	506.42
33 14 19 00-0063	EA	10" Flanged, Swing Type Gravity Operated Check Valve	8,579.91	616.51
33 14 19 00-0064	EA	12" Flanged, Swing Type Gravity Operated Check Valve	13,149.06	462.38
33 14 19 00-0065	EA	14" Flanged, Swing Type Gravity Operated Check Valve	18,585.78	1,036.62
33 14 19 00-0066	EA	16" Flanged, Swing Type Gravity Operated Check Valve	24,858.88	1,140.28
33 14 19 00-0067	EA	18" Flanged, Swing Type Gravity Operated Check Valve	36,288.49	1,264.68

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 19 00-0068	EA	20" Flanged, Swing Type Gravity Operated Check Valve	42,276.54	1,425.36
33 14 19 00-0069		**Combination Air Release Valves** *(33 14 19 00-0006)*		
33 14 19 00-0070	EA	1" Combination Air Release Valve	628.79	23.12
33 14 19 00-0071	EA	2" Combination Air Release Valve	1,014.75	39.63
33 14 19 00-0072		**Corporation Stop And Curb Valve** *(33 14 19 00-0006)* Note: AWWA C800		
33 14 19 00-0073		**Ball Corporation Valves** *(33 14 19 00-0072)* Note: Mueller B-25000.		
33 14 19 00-0074	EA	3/4" Ball Corporation Valve (Mueller B-25000)	82.90	23.12
33 14 19 00-0075	EA	1" Ball Corporation Valve (Mueller B-25000)	103.99	28.62
33 14 19 00-0076	EA	1-1/2" Ball Corporation Valve (Mueller B-25000)	183.56	41.84
33 14 19 00-0077	EA	2" Ball Corporation Valve (Mueller B-25000)	272.74	49.54
33 14 19 00-0078		**Gate Valve, AWWA C500 And C509** *(33 14 19 00-0006)*		
33 14 19 00-0079		**Gate Valve, Flanged** *(33 14 19 00-0078)* Note: Mueller A-2380-6.		
33 14 19 00-0080	EA	2" Gate Valve, Flanged	1,087.71	146.75
33 14 19 00-0081	EA	2-1/2" Gate Valve, Flanged	1,279.87	159.63
33 14 19 00-0082	EA	3" Gate Valve, Flanged	1,515.55	187.16
33 14 19 00-0083	EA	4" Gate Valve, Flanged	1,900.81	234.49
33 14 19 00-0084	EA	6" Gate Valve, Flanged	2,411.24	396.33
33 14 19 00-0085	EA	8" Gate Valve, Flanged	3,620.14	506.42
33 14 19 00-0086	EA	10" Gate Valve, Flanged	5,523.75	616.51
33 14 19 00-0087	EA	12" Gate Valve, Flanged	6,663.48	462.38
33 14 19 00-0088	EA	14" Gate Valve, Flanged	15,001.30	1,036.62
33 14 19 00-0089	EA	16" Gate Valve, Flanged	19,739.98	1,140.28
33 14 19 00-0090	EA	18" Gate Valve, Flanged	31,558.69	1,264.68
33 14 19 00-0091	EA	20" Gate Valve, Flanged	37,785.69	1,425.36
33 14 19 00-0092		**Resilient Wedge Gate Valve, Flanged** *(33 14 19 00-0078)* Note: Mueller A-2360-6.		
33 14 19 00-0093	EA	2" Resilient Wedge Gate Valve, Flanged	1,036.56	146.75
33 14 19 00-0094	EA	2-1/2" Resilient Wedge Gate Valve, Flanged	1,218.75	159.63
33 14 19 00-0095	EA	3" Resilient Wedge Gate Valve, Flanged	1,443.03	187.16
33 14 19 00-0096	EA	4" Resilient Wedge Gate Valve, Flanged	1,819.74	234.49
33 14 19 00-0097	EA	6" Resilient Wedge Gate Valve, Flanged	2,302.87	396.33
33 14 19 00-0098	EA	8" Resilient Wedge Gate Valve, Flanged	3,450.86	506.42
33 14 19 00-0099	EA	10" Resilient Wedge Gate Valve, Flanged	5,254.73	616.51
33 14 19 00-0100	EA	12" Resilient Wedge Gate Valve, Flanged	6,338.67	462.38
33 14 19 00-0101		**Gate Valve, Mechanical Joint** *(33 14 19 00-0078)* Note: Mueller A-2380-20.		
33 14 19 00-0102	EA	2" Gate Valve, Mechanical Joint	1,266.12	117.25
33 14 19 00-0103	EA	2-1/2" Gate Valve, Mechanical Joint	1,352.83	146.97
33 14 19 00-0104	EA	3" Gate Valve, Mechanical Joint	1,706.30	177.80
33 14 19 00-0105	EA	4" Gate Valve, Mechanical Joint	2,013.99	234.49
33 14 19 00-0106	EA	6" Gate Valve, Mechanical Joint	2,550.39	275.23
33 14 19 00-0107	EA	8" Gate Valve, Mechanical Joint	3,771.89	330.27
33 14 19 00-0108	EA	10" Gate Valve, Mechanical Joint	5,605.83	385.32
33 14 19 00-0109	EA	12" Gate Valve, Mechanical Joint	7,036.27	462.38
33 14 19 00-0110	EA	14" Gate Valve, Mechanical Joint	15,992.13	634.93
33 14 19 00-0111	EA	16" Gate Valve, Mechanical Joint	20,781.57	712.68
33 14 19 00-0112	EA	18" Gate Valve, Mechanical Joint	33,421.45	790.43
33 14 19 00-0113	EA	20" Gate Valve, Mechanical Joint	39,798.71	890.84
33 14 19 00-0114		**Resilient Wedge Gate Valve, Mechanical Joint** *(33 14 19 00-0078)* Note: Mueller A-2360-20.		
33 14 19 00-0115	EA	2" Resilient Wedge Gate Valve, Mechanical Joint	1,207.71	117.25
33 14 19 00-0116	EA	3" Resilient Wedge Gate Valve, Mechanical Joint	1,629.84	177.80
33 14 19 00-0117	EA	4" Resilient Wedge Gate Valve, Mechanical Joint	1,926.53	234.49
33 14 19 00-0118	EA	6" Resilient Wedge Gate Valve, Mechanical Joint	2,437.20	275.23
33 14 19 00-0119	EA	8" Resilient Wedge Gate Valve, Mechanical Joint	3,595.80	330.27
33 14 19 00-0120	EA	10" Resilient Wedge Gate Valve, Mechanical Joint	5,332.16	385.32
33 14 19 00-0121	EA	12" Resilient Wedge Gate Valve, Mechanical Joint	6,690.28	462.38
33 14 19 00-0122		**Resilient Wedge Gate Valve, Mechanical Joint X Flange Joint** *(33 14 19 00-0078)* Note: Mueller A-2361.		
33 14 19 00-0123	EA	14" Resilient Wedge Gate Valve, Mechanical Joint X Flanged Joint	10,611.15	1,036.62
33 14 19 00-0124	EA	16" Resilient Wedge Gate Valve, Mechanical Joint X Flanged Joint	11,531.93	1,140.28
33 14 19 00-0125	EA	18" Resilient Wedge Gate Valve, Mechanical Joint X Flanged Joint	18,120.81	1,264.68
33 14 19 00-0126	EA	20" Resilient Wedge Gate Valve, Mechanical Joint X Flanged Joint	21,651.13	1,425.36

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 19 00-0127	EA	24" Resilient Wedge Gate Valve, Mechanical Joint X Flanged Joint	30,827.26	1,749.30
33 14 19 00-0128		**Gate Valve, Threaded, WW-V-51 Class A, Type 1** *(33 14 19 00-0078)*		
		Note: NIBCO T-113.		
33 14 19 00-0129	EA	1/4" Gate Valve, Bronze, Threaded	61.72	19.25
33 14 19 00-0130	EA	3/8" Gate Valve, Bronze, Threaded	63.55	19.25
33 14 19 00-0131	EA	1/2" Gate Valve, Bronze, Threaded	62.93	19.25
33 14 19 00-0132	EA	3/4" Gate Valve, Bronze, Threaded	81.01	26.00
33 14 19 00-0133	EA	1" Gate Valve, Bronze, Threaded	99.90	31.44
33 14 19 00-0134	EA	1-1/4" Gate Valve, Bronze, Threaded	135.85	39.81
33 14 19 00-0135	EA	1-1/2" Gate Valve, Bronze, Threaded	157.64	46.02
33 14 19 00-0136	EA	2" Gate Valve, Bronze, Threaded	191.31	53.80
33 14 19 00-0137	EA	2-1/2" Gate Valve, Bronze, Threaded	369.23	73.43
33 14 19 00-0138	EA	3" Gate Valve, Bronze, Threaded	442.65	84.22
33 14 19 00-0139		**Globe Valve, AWWA** *(33 14 19 00-0006)*		
33 14 19 00-0140		**Globe Valve, Threaded, WW-V-51 Class B, Type 1** *(33 14 19 00-0139)*		
		Note: NIBCO T-235.		
33 14 19 00-0141	EA	1/8" Globe Valve, Threaded	87.43	19.25
33 14 19 00-0142	EA	1/4" Globe Valve, Threaded	83.74	19.25
33 14 19 00-0143	EA	3/8" Globe Valve, Threaded	85.57	19.25
33 14 19 00-0144	EA	1/2" Globe Valve, Threaded	87.43	19.25
33 14 19 00-0145	EA	3/4" Globe Valve, Threaded	118.73	26.00
33 14 19 00-0146	EA	1" Globe Valve, Threaded	166.69	31.44
33 14 19 00-0147	EA	1-1/4" Globe Valve, Threaded	243.81	39.81
33 14 19 00-0148	EA	1-1/2" Globe Valve, Threaded	291.08	46.02
33 14 19 00-0149	EA	2" Globe Valve, Threaded	406.30	53.80
33 14 19 00-0150	EA	2-1/2" Globe Valve, Threaded	746.28	73.43
33 14 19 00-0151	EA	3" Globe Valve, Threaded	1,022.00	84.66
33 14 19 00-0152		**Tapping Valve, AWWA C500 And C509** *(33 14 19 00-0006)*		
33 14 19 00-0153		**Tapping Valve, AWWA C500 And C509** *(33 14 19 00-0152)*		
		Note: Flanged inlet X mechanical joint, Mueller H-667.		
33 14 19 00-0154	EA	2" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	1,575.21	146.75
33 14 19 00-0155	EA	3" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	2,030.67	187.16
33 14 19 00-0156	EA	4" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	2,398.39	234.49
33 14 19 00-0157	EA	6" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	3,171.60	396.33
33 14 19 00-0158	EA	8" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	4,595.31	506.42
33 14 19 00-0159	EA	10" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	6,708.81	616.51
33 14 19 00-0160	EA	12" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	10,000.38	462.38
33 14 19 00-0161	EA	14" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	18,433.62	1,036.62
33 14 19 00-0162	EA	16" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	23,374.52	1,140.28
33 14 19 00-0163	EA	18" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	38,003.35	1,264.68
33 14 19 00-0164		**Fire Hydrants** *(33 14 19)*		
		Note: Breakaway type.		
33 14 19 00-0165		**Three Way, Standard (Traditional) Model Fire Hydrant** *(33 14 19 00-0164)*		
		Note: Mechanical joint shoe. Includes shoe, lower barrel and upper barrel (hydrant).		
33 14 19 00-0166	EA	1-1/2' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,739.97	302.88
33 14 19 00-0167	EA	2' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,809.64	302.88
33 14 19 00-0168	EA	2-1/2' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,879.50	302.88
33 14 19 00-0169	EA	3' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,970.66	324.52
33 14 19 00-0170	EA	3-1/2' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,040.40	324.52
33 14 19 00-0171	EA	4' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,137.25	351.56
33 14 19 00-0172	EA	4-1/2' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,206.89	351.56
33 14 19 00-0173	EA	5' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,303.77	378.61
33 14 19 00-0174	EA	5-1/2' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,373.51	378.61
33 14 19 00-0175	EA	6' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,470.18	405.65
33 14 19 00-0176	EA	6-1/2' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,566.94	432.69
33 14 19 00-0177	EA	7' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,690.64	486.78
33 14 19 00-0178	EA	1-1/2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,803.55	302.88
33 14 19 00-0179	EA	2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,893.97	302.88
33 14 19 00-0180	EA	2-1/2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,984.17	302.88
33 14 19 00-0181	EA	3' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,096.01	324.52
33 14 19 00-0182	EA	3-1/2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,186.21	324.52
33 14 19 00-0183	EA	4' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,303.78	351.56
33 14 19 00-0184	EA	4-1/2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,393.87	351.56
33 14 19 00-0185	EA	5' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,511.21	378.61
33 14 19 00-0186	EA	5-1/2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,601.38	378.61
33 14 19 00-0187	EA	6' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,718.46	405.65
33 14 19 00-0188	EA	6-1/2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,835.93	432.69
33 14 19 00-0189	EA	7' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,980.06	486.78

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 19 00-0190		**Two Way, Standard (Traditional) Model Fire Hydrant** *(33 14 19 00-0164)*		
		Note: Mechanical joint shoe. Includes shoe, lower barrel and upper barrel (hydrant).		
33 14 19 00-0191	EA	1-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,357.51	302.88
33 14 19 00-0192	EA	2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,426.94	302.88
33 14 19 00-0193	EA	2-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,496.77	302.88
33 14 19 00-0194	EA	3' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,588.22	324.52
33 14 19 00-0195	EA	3-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,657.74	324.52
33 14 19 00-0196	EA	4' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,754.44	351.56
33 14 19 00-0197	EA	4-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,824.18	351.56
33 14 19 00-0198	EA	5' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,921.13	378.61
33 14 19 00-0199	EA	5-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,990.72	378.61
33 14 19 00-0200	EA	6' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	4,087.77	405.65
33 14 19 00-0201	EA	6-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	4,184.08	432.69
33 14 19 00-0202	EA	7' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	4,307.94	486.78
33 14 19 00-0203	EA	1-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,455.73	302.88
33 14 19 00-0204	EA	2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,545.95	302.88
33 14 19 00-0205	EA	2-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,636.04	302.88
33 14 19 00-0206	EA	3' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,748.10	324.52
33 14 19 00-0207	EA	3-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,838.07	324.52
33 14 19 00-0208	EA	4' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,955.49	351.56
33 14 19 00-0209	EA	4-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	4,045.51	351.56
33 14 19 00-0210	EA	5' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	4,163.14	378.61
33 14 19 00-0211	EA	5-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	4,253.11	378.61
33 14 19 00-0212	EA	6' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	4,370.51	405.65
33 14 19 00-0213	EA	6-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	4,487.52	432.69
33 14 19 00-0214	EA	7' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	4,632.15	486.78
33 14 19 00-0215		**Three Way, Modern Model Fire Hydrant** *(33 14 19 00-0164)*		
		Note: Mechanical joint shoe. Includes shoe, lower barrel and upper barrel (hydrant).		
33 14 19 00-0216	EA	1-1/2' Burial Section, Three Way, Modern Type Fire Hydrant	3,902.58	302.88
33 14 19 00-0217	EA	2' Burial Section, Three Way, Modern Type Fire Hydrant	3,992.66	302.88
33 14 19 00-0218	EA	2-1/2' Burial Section, Three Way, Modern Type Fire Hydrant	4,083.02	302.88
33 14 19 00-0219	EA	3' Burial Section, Three Way, Modern Type Fire Hydrant	4,194.90	324.52
33 14 19 00-0220	EA	3-1/2' Burial Section, Three Way, Modern Type Fire Hydrant	4,285.05	324.52
33 14 19 00-0221	EA	4' Burial Section, Three Way, Modern Type Fire Hydrant	4,402.29	351.56
33 14 19 00-0222	EA	4-1/2' Burial Section, Three Way, Modern Type Fire Hydrant	4,492.56	351.56
33 14 19 00-0223	EA	5' Burial Section, Three Way, Modern Type Fire Hydrant	4,609.83	378.61
33 14 19 00-0224	EA	5-1/2' Burial Section, Three Way, Modern Type Fire Hydrant	4,700.01	378.61
33 14 19 00-0225	EA	6' Burial Section, Three Way, Modern Type Fire Hydrant	4,817.24	378.61
33 14 19 00-0226	EA	6-1/2' Burial Section, Three Way, Modern Type Fire Hydrant	4,934.75	432.69
33 14 19 00-0227	EA	7' Burial Section, Three Way, Modern Type Fire Hydrant	5,077.94	432.69
33 14 19 00-0228		**Two Way, Modern Model Fire Hydrant** *(33 14 19 00-0164)*		
		Note: Mechanical joint shoe. Includes shoe, lower barrel and upper barrel (hydrant).		
33 14 19 00-0229	EA	1-1/2' Burial Section, Two Way, Modern Type Fire Hydrant	2,772.99	302.88
33 14 19 00-0230	EA	2' Burial Section, Two Way, Modern Type Fire Hydrant	2,841.54	302.88
33 14 19 00-0231	EA	2-1/2' Burial Section, Two Way, Modern Type Fire Hydrant	2,910.86	302.88
33 14 19 00-0232	EA	3' Burial Section, Two Way, Modern Type Fire Hydrant	3,000.25	324.52
33 14 19 00-0233	EA	3-1/2' Burial Section, Two Way, Modern Type Fire Hydrant	3,068.79	324.52
33 14 19 00-0234	EA	4' Burial Section, Two Way, Modern Type Fire Hydrant	3,164.36	351.56
33 14 19 00-0235	EA	4-1/2' Burial Section, Two Way, Modern Type Fire Hydrant	3,232.87	351.56
33 14 19 00-0236	EA	5' Burial Section, Two Way, Modern Type Fire Hydrant	3,328.54	378.61
33 14 19 00-0237	EA	5-1/2' Burial Section, Two Way, Modern Type Fire Hydrant	3,396.88	378.61
33 14 19 00-0238	EA	6' Burial Section, Two Way, Modern Type Fire Hydrant	3,492.47	405.65
33 14 19 00-0239	EA	6-1/2' Burial Section, Two Way, Modern Type Fire Hydrant	3,588.14	432.69
33 14 19 00-0240	EA	7' Burial Section, Two Way, Modern Type Fire Hydrant	3,709.91	486.78
33 14 19 00-0241		**Fire Hydrant Extension Kits** *(33 14 19 00-0164)*		
33 14 19 00-0242	EA	6" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	576.66	27.04
33 14 19 00-0243	EA	12" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	684.95	33.80
33 14 19 00-0244	EA	18" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	746.58	40.57
33 14 19 00-0245	EA	24" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	848.07	50.03
33 14 19 00-0246	EA	30" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	1,283.83	52.06
33 14 19 00-0247	EA	36" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	1,371.41	54.09
33 14 19 00-0248	EA	42" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	1,392.01	56.79
33 14 19 00-0249	EA	48" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	1,470.14	60.85
33 14 19 00-0250	EA	54" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	1,619.98	73.02
33 14 19 00-0251	EA	60" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	1,708.06	87.89
33 14 19 00-0252	EA	6" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	641.54	30.29
33 14 19 00-0253	EA	12" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	759.41	36.78
33 14 19 00-0254	EA	18" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	871.18	44.35
33 14 19 00-0255	EA	24" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	973.18	55.17
33 14 19 00-0256	EA	30" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	1,335.01	57.34
33 14 19 00-0257	EA	36" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	1,423.69	59.49
33 14 19 00-0258	EA	42" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	1,484.54	62.74
33 14 19 00-0259	EA	48" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	1,737.23	67.07
33 14 19 00-0260	EA	54" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	1,902.98	80.05
33 14 19 00-0261	EA	60" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	1,997.86	96.28

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 19 00-0262		Removal And Reinstallation Of Standard Fire Hydrant *(33 14 19 00-0164)* Note: Includes all necessary fittings for resetting, storage and cleaning. Excludes excavation, backfill and thrust blocking around fire hydrant.		
33 14 19 00-0263	EA	Up To 5' Burial Section, Removal And Reinstallation Of Fire Hydrant	865.39	
33 14 19 00-0264	EA	>5' Burial Section, Removal And Reinstallation Of Fire Hydrant	1,262.03	
33 14 19 00-0265	EA	Reset Fire Hydrant Upper Barrel Note: Includes Safety Repair Kit	1,396.73	
33 14 19 00-0266		Yard Hydrants *(33 14 19)* Note: With 3/4" hose thread outlet.		
33 14 19 00-0267	EA	2' Bury Depth Yard Hydrant, 3/4" Galvanized Column And 3/4" Threaded Hose Outlet	382.15	35.87
33 14 19 00-0268	EA	4' Bury Depth Yard Hydrant, 3/4" Galvanized Column And 3/4" Threaded Hose Outlet	410.99	35.87
33 14 19 00-0269	EA	6' Bury Depth Yard Hydrant, 3/4" Galvanized Column And 3/4" Threaded Hose Outlet	439.82	35.87
33 14 19 00-0270	EA	2' Bury Depth Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet	351.12	45.43
33 14 19 00-0271	EA	4' Bury Depth Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet	368.32	45.43
33 14 19 00-0272	EA	6' Bury Depth Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet	385.51	45.43
33 14 19 00-0273		Sanitary Yard Hydrants *(33 14 19)* Note: With 3/4" hose thread outlet.		
33 14 19 00-0274	EA	2' Bury Depth Sanitary Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet	1,743.89	74.73
33 14 19 00-0275	EA	4' Bury Depth Sanitary Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet	1,834.00	74.73
33 14 19 00-0276	EA	6' Bury Depth Sanitary Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet	1,924.11	74.73
33 14 19 00-0277		Flushing Hydrants *(33 14 19)*		
33 14 19 00-0278	EA	2" Inlet x 2-1/2" Outlet Steel Flushing Hydrant, 3' Bury Depth	888.29	46.01
33 14 23		**Enclosures for Water Utility Piping and Valves** ***(33 14)*** Note: Excludes excavation and backfill. See CSI section 22 11 19 00-0464 for Enclosures.		
33 14 23 00-0001		Roadway Utility Box *(33 14 23)*		
33 14 23 00-0002		Utility Box *(33 14 23 00-0001)* Note: Christy Concrete Products.		
33 14 23 00-0003		B3 Utility Box, 9-3/8" x 15-1/2" *(33 14 23 00-0002)*		
33 14 23 00-0004	EA	9-3/8" x 15-1/2" Precast Concrete Utility Box	126.30	54.48
33 14 23 00-0005	EA	Cast Iron Lid For 9-3/8" x 15-1/2" Utility Box	131.15	6.06
33 14 23 00-0006	EA	Reinforced Concrete Lid For 9-3/8" x 15-1/2" Utility Box	53.98	6.06
33 14 23 00-0007	EA	Steel Checkered Plate Cover For 9-3/8" x 15-1/2" Utility Box	288.04	6.06
33 14 23 00-0008	EA	12-1/8" x 18-5/8" Reinforced Concrete Slab For 9-3/8" x 15-1/2" Utility Box	75.92	12.11
33 14 23 00-0009	EA	3" High Reinforced Concrete Base For 9-3/8" x 15-1/2" Utility Box	110.02	12.11
33 14 23 00-0010		B9 Utility Box, 10-1/4" x 17-1/4" *(33 14 23 00-0002)*		
33 14 23 00-0011	EA	10-1/4" x 17-1/4" Precast Concrete Utility Box	152.66	72.65
33 14 23 00-0012	EA	Cast Iron Lid For 10-1/4" x 17-1/4" Utility Box	153.60	7.26
33 14 23 00-0013	EA	Reinforced Concrete Lid For 10-1/4" x 17-1/4" Utility Box	59.82	7.26
33 14 23 00-0014	EA	Steel Checkered Plate Cover For 10-1/4" x 17-1/4" Utility Box	302.23	6.06
33 14 23 00-0015	EA	13" x 19-3/4" Reinforced Concrete Slab For 10-1/4" x 17-1/4" Utility Box	85.29	12.11
33 14 23 00-0016	EA	5-3/4" High Reinforced Concrete Base For 10-1/4" x 17-1/4" Utility Box	113.90	18.16
33 14 23 00-0017	EA	12" High Reinforced Concrete Extension For 10-1/4" x 17-1/4" Utility Box	132.94	33.29
33 14 23 00-0018		B12 Utility Box, 12" x 20" *(33 14 23 00-0002)*		
33 14 23 00-0019	EA	12" x 20" Precast Concrete Utility Box	167.92	78.70
33 14 23 00-0020	EA	Cast Iron Lid For 12" x 20" Utility Box	277.26	9.08
33 14 23 00-0021	EA	Reinforced Concrete Lid For 12" x 20" Utility Box	79.82	12.11
33 14 23 00-0022	EA	Steel Checkered Plate Cover For 12" x 20" Utility Box	405.81	12.11
33 14 23 00-0023	EA	12" High Reinforced Concrete Extension For 12" x 20" Utility Box	173.52	42.38
33 14 23 00-0024		B16 Utility Box, 12" x 22-1/4" *(33 14 23 00-0002)*		
33 14 23 00-0025	EA	12" x 22-1/4" Precast Concrete Utility Box	193.16	92.01
33 14 23 00-0026	EA	Cast Iron Lid For 12" x 22-1/4" Utility Box	312.97	12.11
33 14 23 00-0027	EA	Reinforced Concrete Lid For 12" x 22-1/4" Utility Box	99.16	12.11
33 14 23 00-0028	EA	Steel Checkered Plate Cover For 12" x 22-1/4" Utility Box	408.11	12.11
33 14 23 00-0029	EA	16" x 27" Reinforced Concrete Slab For 12" x 22-1/4" Utility Box	138.62	20.59
33 14 23 00-0030	EA	12" High Reinforced Concrete Extension For 12" x 22-1/4" Utility Box	176.73	42.38
33 14 23 00-0031		B30 Utility Box, 13-1/4" x 24" *(33 14 23 00-0002)*		
33 14 23 00-0032	EA	13-1/4" x 24" Precast Concrete Utility Box (Christy B30BOX)	232.87	108.97
33 14 23 00-0033	EA	Reinforced Concrete Lid For 13-1/4" x 24" Utility Box (Christy B30D)	133.02	19.38
33 14 23 00-0034	EA	Steel Checkered Plate Cover For 13-1/4" x 24" Utility Box (Christy B30-61G)	504.40	15.74
33 14 23 00-0035	EA	16" x 27" Reinforced Concrete Slab For 13-1/4" x 24" Utility Box (Christy B30SL)	138.62	20.59

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 23 00-0036	EA	5-1/2" High Reinforced Concrete Base For 13-1/4" x 24" Utility Box (Christy B30BA)	211.93	33.91
33 14 23 00-0037	EA	6" High Reinforced Concrete Extension For 13-1/4" x 24" Utility Box (Christy B30X6)	166.12	23.00
33 14 23 00-0038	EA	12" High Reinforced Concrete Extension For 13-1/4" x 24" Utility Box (Christy B30X12)	229.08	54.48
33 14 23 00-0039		**B36 Utility Box, 17-1/4" x 30"** *(33 14 23 00-0002)*		
33 14 23 00-0040	EA	17-1/4" x 30" Precast Concrete Utility Box (Christy B36BOX)	304.71	138.03
33 14 23 00-0041	EA	Reinforced Concrete Lid For 17-1/4" x 30" Utility Box (Christy B36D)	216.44	33.29
33 14 23 00-0042	EA	Steel Checkered Plate Cover For 17-1/4" x 30" Utility Box (Christy B36-61D)	631.72	23.00
33 14 23 00-0043	EA	20" x 34" Reinforced Concrete Slab For 17-1/4" x 30" Utility Box (Christy B36SL)	192.65	43.59
33 14 23 00-0044	EA	6" High Reinforced Concrete Base For 17-1/4" x 30" Utility Box (Christy B36BA)	330.46	48.43
33 14 23 00-0045	EA	12" High Reinforced Concrete Extension For 17-1/4" x 30" Utility Box (Christy B36X12)	306.30	70.22
33 14 23 00-0046		**B40 Utility Box, 24-1/2" x 36"** *(33 14 23 00-0002)*		
33 14 23 00-0047	EA	24-1/2" x 36" Precast Concrete Utility Box	636.82	213.10
33 14 23 00-0048	EA	Reinforced Concrete Lid For 24-1/2" x 36" Utility Box	594.28	79.91
33 14 23 00-0049	EA	Steel Checkered Plate Cover For 24-1/2" x 36" Utility Box	896.85	35.11
33 14 23 00-0050	EA	30" x 40" Reinforced Concrete Slab For 24-1/2" x 36" Utility Box	484.18	75.07
33 14 23 00-0051	EA	10" High Reinforced Concrete Extension For 24-1/2" x 36" Utility Box	513.87	78.70
33 14 23 00-0052		**B48 Utility Box, 30-1/4" x 48-1/4"** *(33 14 23 00-0002)*		
33 14 23 00-0053	EA	30-1/4" x 48-1/4" Precast Concrete Utility Box	800.99	242.15
33 14 23 00-0054	EA	1 Piece Reinforced Concrete Lid For 30-1/4" x 48-1/4" Utility Box	815.31	131.97
33 14 23 00-0055	EA	2 Piece Reinforced Concrete Lid For 30-1/4" x 48-1/4" Utility Box	1,034.06	131.97
33 14 23 00-0056	EA	2 Piece Steel Checkered Plate Cover For 30-1/4" x 48-1/4" Utility Box	1,418.97	60.54
33 14 23 00-0057	EA	36" x 53" Reinforced Concrete Slab For 30-1/4" x 48-1/4" Utility Box	694.06	163.45
33 14 23 00-0058	EA	10" High Reinforced Concrete Extension For 30-1/4" x 48-1/4" Utility Box	632.85	110.18
33 14 23 00-0059		**Roadway Or Curb Valve Boxes** *(33 14 23)*		
33 14 23 00-0060		**Round Head, Cast Iron Service, Roadway Or Valve Boxes** *(33 14 23 00-0059)*		
33 14 23 00-0061	EA	36" To 48" High, Two Piece, Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box Note: Includes cover, top section and bottom section.	231.04	14.53
33 14 23 00-0062	EA	36" To 54" High, Two Piece, Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box Note: Includes cover, top section and bottom section.	268.36	14.53
33 14 23 00-0063	EA	42" To 60" High, Two Piece, Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box Note: Includes cover, top section and bottom section.	270.08	14.53
33 14 23 00-0064	EA	9" Extension For Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box	69.52	7.26
33 14 23 00-0065	EA	16" Extension For Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box	79.40	7.26
33 14 23 00-0066	EA	24" Extension For Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box	94.27	7.26
33 14 23 00-0067	EA	36" To 48" High, Screw Type, 4-1/4" Shaft, Round Head, Cast Iron Roadway Box Note: Includes cover, top section and bottom section.	348.32	18.17
33 14 23 00-0068	EA	45" To 54" High, Three Piece, Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box Note: Includes cover, top section, bottom section and #6 round base.	603.13	25.43
33 14 23 00-0069	EA	45" To 66" High, Three Piece, Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box Note: Includes cover, top section, bottom section and #6 round base.	672.73	25.43
33 14 23 00-0070	EA	24" To 36" High, Two Piece, Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box Note: Includes cover, top section and bottom section.	362.12	18.17
33 14 23 00-0071	EA	36" To 48" High, Two Piece, Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box Note: Includes cover, top section and bottom section.	378.75	18.17
33 14 23 00-0072	EA	24" To 36" High, Two Piece, Slip Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box Note: Includes cover, top section and bottom section.	366.05	18.17
33 14 23 00-0073	EA	12" Extension For Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box	132.68	7.26
33 14 23 00-0074	EA	18" To 24" High Round Head Cast Iron Roadway Or Curb Valve Boxes	223.46	29.89
33 14 23 00-0075	EA	22" To 28" High Round Head Cast Iron Roadway Or Curb Valve Boxes	231.02	31.09
33 14 23 00-0076	EA	30" To 36" High Round Head Cast Iron Roadway Or Curb Valve Boxes	257.14	32.28
33 14 23 00-0077	EA	36" To 48" High Round Head Cast Iron Roadway Or Curb Valve Box	352.83	34.08
33 14 23 00-0078	EA	48" To 60" High Round Head Cast Iron Roadway Or Curb Valve Boxes	425.31	35.87
33 14 23 00-0079	EA	18" Cast Iron Service Box Extension Section	99.59	
33 14 23 00-0080		**Plastic Roadway Grade Water Meter Box And Cover** *(33 14 23 00-0059)*		
33 14 23 00-0081	EA	12" Wide x 16" Long x 16" Deep Plastic Meter Box And Cover	316.50	41.85
33 14 23 00-0082	EA	9-3/4" Wide x 19-1/4" Long x 16" Deep Oval Plastic Meter Box And Cover	238.09	29.89
33 14 23 00-0083	EA	Cast Iron Lid For Plastic Meter Box	71.11	
33 14 23 00-0084		**Roadway Valve Box Cover Adjustment** *(33 14 23)* Note: Excludes asphalt See CSI section 02 41 13 13-0037 for breakup and removal of pavement, 02 41 19 13-0057 for sawcutting pavemet if required, 32 12 16 13-0023 for Hand Placed Hot Mixed Asphalt 3,954 Lb./CY.		
33 14 23 00-0085	EA	Up To 3" Rise, Up To 6" Diameter, Adjustment To Roadway Valve Cover	329.94	
33 14 23 00-0086		**Roadway Utility Box Cover Adjustment** *(33 14 23)* Note: Excludes asphalt See CSI section 02 41 13 13-0037 for breakup and removal of pavement, 02 41 19 13-0057 for sawcutting pavemet if required, 32 12 16 13-0023 for Hand Placed Hot Mixed Asphalt 3,954 Lb./CY.		
33 14 23 00-0087	EA	Up To 6" Rise, Up To 2 SF, Adjustment To Roadway Utility Cover	665.32	
33 14 23 00-0088	EA	Up To 6" Rise, >2 To 4 SF, Adjustment To Roadway Utility Cover	848.86	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 23 00-0089	EA	Up To 6" Rise, >4 To 6 SF, Adjustment To Roadway Utility Cover	1,207.23	
33 14 23 00-0090	EA	Up To 6" Rise, >6 To 10 SF, Adjustment To Roadway Utility Cover	1,472.95	

33 16 Water Utility Storage Tanks *(33 10)*

33 16 23 Ground-Level Steel Water Storage Tanks *(33 16)*

See CSI section 23 13 23 16-0000 for aboveground steel storage tanks.

33 19 Water Utility Metering Equipment *(33 10)*

33 19 13 Positive Displacement Water Meters *(33 19)*

33 19 13 23 Nutating Disc Water Meters *(33 19 13)*

33 19 13 23-0001 Bronze Disk Type Water Service Meters *(33 19 13 23)*

33 19 13 23-0002	EA	5/8" Diameter, 0 To 20 GPM, Screwed, Disk Type, Bronze Water Supply Meter	331.05	62.17
33 19 13 23-0003	EA	3/4" Diameter, 0 To 30 GPM, Screwed, Disk Type, Bronze Water Supply Meter	416.41	74.12
33 19 13 23-0004	EA	1" Diameter, 0 To 50 GPM, Screwed, Disk Type, Bronze Water Supply Meter	560.22	84.88
33 19 13 23-0005	EA	1-1/2" Diameter, 0 To 100 GPM, Screwed, Disk Type, Bronze Water Supply Meter	1,092.63	126.73
33 19 13 23-0006	EA	2" Diameter, 0 To 160 GPM, Screwed, Disk Type, Bronze Water Supply Meter	1,480.90	164.98

33 19 13 23-0007 Magnetic Driven, Positive Displacement Type Water Service Meters *(33 19 13 23)*

33 19 13 23-0008	EA	5/8" Diameter Transmitting Water Supply Meter, Screwed, 150 PSI Max. (Neptune T10 E-Coder/R900i)	597.17	62.17
		For Owner Furnished Material, Deduct	*-534.24*	
33 19 13 23-0009	EA	3/4" Diameter Transmitting Water Supply Meter, Screwed, 150 PSI Max.(Neptune T10 E-Coder/R900i)	680.76	74.12
		For Owner Furnished Material, Deduct	*-606.03*	
33 19 13 23-0010	EA	1" Diameter Transmitting Water Supply Meter, Screwed, 150 PSI Max.(Neptune T10 E-Coder/R900i)	1,015.28	84.88
		For Owner Furnished Material, Deduct	*-929.88*	
33 19 13 23-0011	EA	1-1/2" Diameter Transmitting Water Supply Meter, Screwed, 150 PSI Max.(Neptune T10 E-Coder/R900i)	1,719.32	126.73
		For Owner Furnished Material, Deduct	*-1,592.14*	
33 19 13 23-0012	EA	2" Diameter Transmitting Water Supply Meter, Screwed, 150 PSI Max.(Neptune T10 E-Coder/R900i)	2,128.02	164.98
		For Owner Furnished Material, Deduct	*-1,961.97*	
33 19 13 23-0013	EA	Electronic Transmitter Note: For use with transmitting meter valve.	485.16	29.89
		For Owner Furnished Material, Deduct	*-455.27*	

33 19 16 Velocity-Type Water Meters *(33 19)*

33 19 16 23 Turbine Water Meters *(33 19 16)*

33 19 16 23-0001 Flanged Turbine Water Service Meter *(33 19 16 23)*

33 19 16 23-0002 Vertical Turbine Meters *(33 19 16 23-0001)*

33 19 16 23-0003	EA	1-1/2" Diameter, 0 - 100 GPM Vertical Turbine Meter, Flanged	1,310.94	115.60
33 19 16 23-0004	EA	2" Diameter, 0 - 160 GPM Vertical Turbine Meter, Flanged	1,845.66	146.75
33 19 16 23-0005	EA	3" Diameter, 0 - 350 GPM Vertical Turbine Meter, Flanged	3,409.22	187.16
33 19 16 23-0006	EA	4" Diameter, 0 - 650 GPM Vertical Turbine Meter, Flanged	5,078.69	292.85
33 19 16 23-0007	EA	6" Diameter, 0 - 1,300 GPM Vertical Turbine Meter, Flanged	9,688.82	396.33

33 19 16 23-0008 Horizontal Turbine Meters *(33 19 16 23-0001)*

33 19 16 23-0009	EA	1-1/2" Diameter, 0 - 120 GPM Horizontal Turbine Meter, Flanged	2,088.33	115.60
33 19 16 23-0010	EA	2" Diameter, 0 - 160 GPM Horizontal Turbine Meter, Flanged	2,955.48	146.75
33 19 16 23-0011	EA	3" Diameter, 0 - 600 GPM Horizontal Turbine Meter, Flanged	3,854.17	187.16
33 19 16 23-0012	EA	4" Diameter, 0 - 1,000 GPM Horizontal Turbine Meter, Flanged	5,666.85	292.85
33 19 16 23-0013	EA	6" Diameter, 0 - 2,000 GPM Horizontal Turbine Meter, Flanged	11,831.75	396.33
33 19 16 23-0014	EA	8" Diameter, 0 - 3,500 GPM Horizontal Turbine Meter, Flanged	15,839.38	506.42
33 19 16 23-0015	EA	10" Diameter, 0 - 5,500 GPM Horizontal Turbine Meter, Flanged	22,172.76	616.51
33 19 16 23-0016	EA	12" Diameter, 0 - 6,600 GPM Horizontal Turbine Meter, Flanged	26,605.48	972.10

33 19 19 Compound Water Meters *(33 19)*

33 19 19 00-0001 Flanged Compound Type Water Service Meter *(33 19 19)*

33 19 19 00-0002	EA	2" Diameter, 0 To 160 GPM, Flanged And Bronze, Compound Type Water Service Meter	5,620.09	146.75
33 19 19 00-0003	EA	3" Diameter, 0 To 320 GPM, Flanged And Bronze, Compound Type Water Service Meter	6,774.50	187.16
33 19 19 00-0004	EA	4" Diameter, 0 To 500 GPM, Flanged And Bronze, Compound Type Water Service Meter	11,210.86	292.85
33 19 19 00-0005	EA	6" Diameter, 0 To 1,000 GPM, Flanged And Bronze, Compound Type Water Service Meter	15,688.01	396.33
33 19 19 00-0006	EA	8" Diameter, 0 To 1,600 GPM, Flanged And Bronze, Compound Type Water Service Meter	32,456.07	506.42
33 19 19 00-0007	EA	10" Diameter, 0 To 2,500 GPM, Flanged And Bronze, Compound Type Water Service Meter	55,753.91	616.51

33 19 23 Magnetic Water Meters *(33 19)*

33 19 23 00-0001 Flanged Electromagnetic Flow (EMF) Water Meter *(33 19 23)*

33 19 23 00-0002	EA	2" Diameter, Flanged, Stainless Steel, Electromagnetic Flow (EMF) Water Meter (Sensus Accu-MAG)	8,992.69	146.75
33 19 23 00-0003	EA	3" Diameter, Flanged, Stainless Steel, Electromagnetic Flow (EMF) Water Meter (Sensus Accu-MAG)	12,669.78	187.16
33 19 23 00-0004	EA	4" Diameter, Flanged, Stainless Steel, Electromagnetic Flow (EMF) Water Meter (Sensus Accu-MAG)	14,536.87	292.85

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 19 26		**Ultrasonic Water Meters** *(33 19)*		
33 19 26 00-0001		Ultrasonic Water Service Meters (Mastermeter Octive) *(33 19 26)*		
33 19 26 00-0002	EA	3" Diameter, Ductile Iron Body, Flanged, Ultrasonic Water Meter (Mastermeter Octive)	4,529.35	187.16
33 19 26 00-0003	EA	4" Diameter, Ductile Iron Body, Flanged, Ultrasonic Water Meter (Mastermeter Octive)	5,212.45	292.85
33 19 26 00-0004	EA	6" Diameter, Ductile Iron Body, Flanged, Ultrasonic Water Meter (Mastermeter Octive)	7,673.84	396.33
33 19 26 00-0005	EA	8" Diameter, Ductile Iron Body, Flanged, Ultrasonic Water Meter (Mastermeter Octive)	11,060.43	506.42
33 30		**Sanitary Sewerage Utilities** *(33)*		
33 31		**Sanitary Sewerage Piping** *(33 30)*		
33 31 11		**Public Sanitary Sewerage Gravity Piping** *(33 31)*		
		Note: Piping includes hydrostatic testing, disinfecting and warning tape. Excludes excavation and backfill. See CSI section 31 23 16 00-0000 for excavation, 31 23 16 36-0016 for backfill.		
33 31 11 00-0001		Cast Iron Service Saddles With U Bolt *(33 31 11)*		
33 31 11 00-0002	EA	2" Diameter x 2" Tapped Tee Cast Iron Service Saddles With U Bolt	126.86	
33 31 11 00-0003	EA	3" Diameter x 1-1/2" Tapped Tee Cast Iron Service Saddles With U Bolt	127.57	
33 31 11 00-0004	EA	3" Diameter x 2" Tapped Tee Cast Iron Service Saddles With U Bolt	140.35	
33 31 11 00-0005	EA	4" Diameter x 1-1/2" Tapped Tee Cast Iron Service Saddles With U Bolt	135.92	
33 31 11 00-0006	EA	4" Diameter x 2" Hub Tee Cast Iron Service Saddles With U Bolt	153.52	
33 31 11 00-0007	EA	4" Diameter x 3" Hub Tee Cast Iron Service Saddles With U Bolt	172.88	
33 31 11 00-0008	EA	4" Diameter x 4" Hub Tee Cast Iron Service Saddles With U Bolt	204.86	
33 31 11 00-0009	EA	6" Diameter x 2" Hub Tee Cast Iron Service Saddles With U Bolt	173.64	
33 31 11 00-0010	EA	6" Diameter x 3" Hub Tee Cast Iron Service Saddles With U Bolt	189.82	
33 31 11 00-0011	EA	6" Diameter x 4" Hub Tee Cast Iron Service Saddles With U Bolt	218.87	
33 31 11 00-0012	EA	4" Diameter x 1-1/2" Tapped Wye Cast Iron Service Saddle With U Bolt	139.89	
33 31 11 00-0013	EA	4" Diameter x 2" Tapped Wye Cast Iron Service Saddle With U Bolt	152.67	
33 31 11 00-0014	EA	4" Diameter x 3" Hub Wye Cast Iron Service Saddle With U Bolt	182.16	
33 31 11 00-0015	EA	4" Diameter x 4" Hub Wye Cast Iron Service Saddle With U Bolt	216.26	
33 31 11 00-0016	EA	6" Diameter x 4" Hub Wye Cast Iron Service Saddle With U Bolt	233.07	
33 31 11 00-0017		Plastic Sewer And Drain Piping *(33 31 11)*		
		Note: Includes detectable tracer wire.		
33 31 11 00-0018		Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe *(33 31 11 00-0017)*		
33 31 11 00-0019	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	11.27	4.59
33 31 11 00-0020	LF	2" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	13.68	5.42
33 31 11 00-0021	LF	3" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	18.97	6.57
33 31 11 00-0022	LF	4" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	23.73	7.66
33 31 11 00-0023	LF	6" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	32.50	8.91
33 31 11 00-0024	LF	8" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	43.60	10.36
33 31 11 00-0025	LF	10" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	59.63	10.73
33 31 11 00-0026	LF	12" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	78.36	11.11
33 31 11 00-0027		Belled End Polyvinyl Chloride (PVC) Sewer And Drain Pipe *(33 31 11 00-0017)*		
		Note: D-2729 PVC pipe.		
33 31 11 00-0028	LF	3" Belled End Polyvinyl Chloride (PVC) Sewer And Drain Pipe	14.42	6.57
33 31 11 00-0029	LF	4" Belled End Polyvinyl Chloride (PVC) Sewer And Drain Pipe	16.93	7.66
33 31 11 00-0030	LF	6" Belled End Polyvinyl Chloride (PVC) Sewer And Drain Pipe	20.99	8.91
33 31 11 00-0031		Polyvinyl Chloride (PVC) Sewer And Drain Fittings *(33 31 11 00-0017)*		
33 31 11 00-0032		1/4 Bends, Polyvinyl Chloride (PVC) Sewer And Drain *(33 31 11 00-0031)*		
33 31 11 00-0033	EA	1-1/2" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	31.12	14.96
33 31 11 00-0034	EA	2" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	39.97	19.34
33 31 11 00-0035	EA	3" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	73.23	25.98
33 31 11 00-0036	EA	4" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	117.54	30.03
33 31 11 00-0037	EA	6" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	500.06	39.03
33 31 11 00-0038	EA	8" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	834.93	52.53
33 31 11 00-0039	EA	10" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	1,101.96	69.95
33 31 11 00-0040		1/8 Bends, Polyvinyl Chloride (PVC) Sewer And Drain *(33 31 11 00-0031)*		
33 31 11 00-0041	EA	1-1/2" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	33.12	14.96
33 31 11 00-0042	EA	2" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	39.80	19.34
33 31 11 00-0043	EA	3" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	70.23	25.98
33 31 11 00-0044	EA	4" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	102.86	30.03
33 31 11 00-0045	EA	6" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	462.70	39.03
33 31 11 00-0046	EA	8" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	748.10	52.53
33 31 11 00-0047	EA	10" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	846.53	69.95
33 31 11 00-0048	EA	12" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	1,262.44	93.17
33 31 11 00-0049		Long Sweep 1/4 Bends, Polyvinyl Chloride (PVC) Sewer And Drain *(33 31 11 00-0031)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 31 11 00-0050	EA	1-1/2" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	55.47	14.74
33 31 11 00-0051	EA	2" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	53.98	19.34
33 31 11 00-0052	EA	3" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	109.25	25.98
33 31 11 00-0053	EA	4" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	183.59	30.03
33 31 11 00-0054	EA	6" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	372.48	39.03
33 31 11 00-0055	EA	8" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	667.27	52.53
33 31 11 00-0056	EA	10" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	1,098.95	69.95
33 31 11 00-0057	EA	12" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	1,670.95	93.17
33 31 11 00-0058		**1/16 Bends, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0031)*		
33 31 11 00-0059	EA	1-1/2" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	37.38	14.96
33 31 11 00-0060	EA	2" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	44.15	19.34
33 31 11 00-0061	EA	3" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	82.69	25.98
33 31 11 00-0062	EA	4" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	126.01	30.03
33 31 11 00-0063	EA	6" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	624.34	39.03
33 31 11 00-0064	EA	8" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	1,015.85	52.53
33 31 11 00-0065	EA	10" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	1,143.16	69.95
33 31 11 00-0066	EA	12" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	1,163.58	93.17
33 31 11 00-0067		**Reducers, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0031)*		
33 31 11 00-0068	EA	2" x 1-1/2" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	43.00	17.07
33 31 11 00-0069	EA	3" x 1-1/2" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	85.96	20.38
33 31 11 00-0070	EA	3" x 2" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	80.10	22.47
33 31 11 00-0071	EA	4" x 2" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	128.62	24.56
33 31 11 00-0072	EA	4" x 3" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	137.74	27.87
33 31 11 00-0073	EA	6" x 4" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	440.90	34.49
33 31 11 00-0074	EA	8" x 6" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	947.11	45.74
33 31 11 00-0075	EA	10" x 4" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	201.45	49.94
33 31 11 00-0076	EA	10" x 6" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	279.06	54.47
33 31 11 00-0077	EA	10" x 8" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	261.11	61.17
33 31 11 00-0078	EA	12" x 6" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	977.90	66.12
33 31 11 00-0079	EA	12" x 8" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	1,031.83	72.83
33 31 11 00-0080	EA	12" x 10" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	1,091.08	81.56
33 31 11 00-0081		**Sanitary Tees, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0031)*		
33 31 11 00-0082	EA	1-1/2" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain	49.38	22.61
33 31 11 00-0083	EA	2" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain	65.96	29.24
33 31 11 00-0084	EA	3" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain	116.95	38.58
33 31 11 00-0085	EA	4" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain	184.40	47.91
33 31 11 00-0086	EA	6" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain	733.54	52.53
33 31 11 00-0087	EA	8" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain	951.48	69.95
33 31 11 00-0088		**Wyes, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0031)*		
33 31 11 00-0089	EA	1-1/2" Wye, Polyvinyl Chloride (PVC) Sewer And Drain	64.89	22.61
33 31 11 00-0090	EA	2" Wye, Polyvinyl Chloride (PVC) Sewer And Drain	74.98	29.24
33 31 11 00-0091	EA	3" Wye, Polyvinyl Chloride (PVC) Sewer And Drain	128.47	38.58
33 31 11 00-0092	EA	4" Wye, Polyvinyl Chloride (PVC) Sewer And Drain	203.24	47.91
33 31 11 00-0093	EA	6" Wye, Polyvinyl Chloride (PVC) Sewer And Drain	662.83	52.53
33 31 11 00-0094	EA	8" Wye, Polyvinyl Chloride (PVC) Sewer And Drain	817.15	69.95
33 31 11 00-0095	EA	10" Wye, Polyvinyl Chloride (PVC) Sewer And Drain	1,074.48	93.35
33 31 11 00-0096	EA	12" Wye, Polyvinyl Chloride (PVC) Sewer And Drain	1,704.75	124.58
33 31 11 00-0097		**Reducing Wyes, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0031)*		
33 31 11 00-0098	EA	2" x 1-1/2" x 1-1/2" Reducing Wye, Polyvinyl Chloride (PVC) Sewer And Drain	89.24	22.61
33 31 11 00-0099	EA	2" x 2" x 1" Reducing Wye, Polyvinyl Chloride (PVC) Sewer And Drain	98.66	29.24
33 31 11 00-0100	EA	3" x 3" x 2" Reducing Wye, Polyvinyl Chloride (PVC) Sewer And Drain	112.46	38.58
33 31 11 00-0101	EA	4" x 4" x 2" Reducing Wye, Polyvinyl Chloride (PVC) Sewer And Drain	177.39	47.91
33 31 11 00-0102	EA	4" x 4" x 3" Reducing Wye, Polyvinyl Chloride (PVC) Sewer And Drain	195.07	47.91
33 31 11 00-0103		**Double Wyes, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0031)*		
33 31 11 00-0104	EA	1-1/2" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain	109.83	29.24
33 31 11 00-0105	EA	2" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain	142.81	38.58
33 31 11 00-0106	EA	3" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain	297.38	52.07
33 31 11 00-0107	EA	4" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain	539.13	62.98
33 31 11 00-0108	EA	2" x 2" x 1-1/2" x 1-1/2 Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain	135.47	38.58
33 31 11 00-0109	EA	3" x 3" x 2" x 2" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain	241.34	52.07
33 31 11 00-0110	EA	4" x 4" x 3" x 3" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain	446.57	62.98
33 31 11 00-0111		**Combination Wye And 1/8 Bends, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0031)*		
33 31 11 00-0112	EA	1-1/2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	84.24	22.61
33 31 11 00-0113	EA	2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	105.16	29.24

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 31 11 00-0114	EA	3" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	219.19	38.58
33 31 11 00-0115	EA	4" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	406.71	47.91
33 31 11 00-0116	EA	2" x 2" x 1-1/2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	170.88	29.24
33 31 11 00-0117	EA	3" x 3" x 1-1/2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	278.71	38.58
33 31 11 00-0118	EA	3" x 3" x 2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	195.91	38.58
33 31 11 00-0119	EA	4" x 4" x 2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	378.81	47.91
33 31 11 00-0120	EA	4" x 4" x 3" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	404.33	47.91
33 31 11 00-0121		**Double Combination Wye And 1/8 Bends, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0031)*		
33 31 11 00-0122	EA	1-1/2" Double Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	124.85	29.24
33 31 11 00-0123	EA	2" Double Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	144.48	38.58
33 31 11 00-0124	EA	3" Double Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	228.49	52.07
33 31 11 00-0125	EA	4" Double Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	887.04	62.98
33 31 11 00-0126	EA	6" Double Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	2,981.92	69.73
33 31 11 00-0127		**Cleanout Tees With Plug, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0031)*		
33 31 11 00-0128	EA	4" Polyvinyl Chloride (PVC) Cleanout Tees With Plug, Sewer And Drain	675.35	123.18
33 31 11 00-0129	EA	6" Polyvinyl Chloride (PVC) Cleanout Tees With Plug, Sewer And Drain	1,663.82	158.92
33 31 11 00-0130	EA	8" Polyvinyl Chloride (PVC) Cleanout Tees With Plug, Sewer And Drain	2,110.78	223.94
33 31 11 00-0131	EA	10" Polyvinyl Chloride (PVC) Cleanout Tees With Plug, Sewer And Drain	2,894.41	360.23
33 31 11 00-0132		**Couplings, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0031)*		
33 31 11 00-0133	EA	1-1/2" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain	30.06	14.96
33 31 11 00-0134	EA	2" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain	37.30	19.23
33 31 11 00-0135	EA	3" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain	60.43	25.76
33 31 11 00-0136	EA	4" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain	80.72	30.03
33 31 11 00-0137	EA	6" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain	255.75	39.03
33 31 11 00-0138	EA	8" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain	648.29	52.53
33 31 11 00-0139	EA	10" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain	987.57	69.95
33 31 11 00-0140	EA	12" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain	1,643.35	93.17
33 31 11 00-0141		**Adapters, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0031)*		
33 31 11 00-0142	EA	4" Male, Plastic Pipe x Malleable Iron Pipe Adapter, Drain And Sewer Fitting	137.25	77.29
33 31 11 00-0143	EA	2" x 3" x 3" Downspout Adapter, Drain And Sewer Fitting	95.35	58.79
33 31 11 00-0144	EA	2" x 3" x 4" Downspout Adapter, Drain And Sewer Fitting	98.47	58.79
33 31 11 00-0145	EA	3" x 4" x 4" Downspout Adapter, Drain And Sewer Fitting	106.74	58.79
33 31 11 00-0146	EA	4" Hub, Cast Iron Pipe x Plastic Pipe Adapter, Drain And Sewer Fitting	139.52	77.29
33 31 11 00-0147	EA	4" Spigot, Clay Pipe x Plastic Pipe Adapter, Drain And Sewer Fitting	132.90	77.29
33 31 11 00-0148	EA	4" Spigot, Fiberglass Pipe x Plastic Pipe Adapter, Drain And Sewer Fitting	122.03	77.29
33 31 11 00-0149	EA	4" Drain Grate, Drain And Sewer Fitting	67.69	39.74
33 31 11 00-0150		**Caps, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0031)*		
33 31 11 00-0151	EA	3" Cap, Polyvinyl Chloride (PVC) Drain And Sewer Fitting	43.10	16.08
33 31 11 00-0152	EA	4" Cap, Polyvinyl Chloride (PVC) Drain And Sewer Fitting	73.02	20.02
33 31 11 00-0153	EA	6" Cap, Polyvinyl Chloride (PVC) Drain And Sewer Fitting	141.65	25.87
33 31 11 00-0154		**Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0031)*		
33 31 11 00-0155	EA	1-1/2" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain	26.22	14.96
33 31 11 00-0156	EA	2" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain	34.17	19.34
33 31 11 00-0157	EA	3" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain	51.32	25.98
33 31 11 00-0158	EA	4" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain	68.63	30.03
33 31 11 00-0159	EA	6" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain	120.99	39.03
33 31 11 00-0160	EA	8" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain	480.58	52.53
33 31 11 00-0161		**Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe** *(33 31 11 00-0017)* Note: ASTM 3034.		
33 31 11 00-0162	LF	4" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	19.14	7.66
		For SDR 26, Add	*0.75*	
33 31 11 00-0163	LF	6" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	25.11	8.91
		For SDR 26, Add	*1.43*	
33 31 11 00-0164	LF	8" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	33.10	10.36
		For SDR 26, Add	*2.43*	
33 31 11 00-0165	LF	10" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	40.03	10.73
		For SDR 26, Add	*3.64*	
33 31 11 00-0166	LF	12" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	48.37	11.10
		For SDR 26, Add	*5.13*	
33 31 11 00-0167	LF	15" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	62.22	11.49
		For SDR 26, Add	*7.69*	
33 31 11 00-0168	LF	18" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	78.08	11.92
33 31 11 00-0169	LF	21" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	100.67	12.94
33 31 11 00-0170	LF	24" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	121.60	13.95
33 31 11 00-0171	LF	27" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	150.92	16.38

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 31 11 00-0172		**Solvent Weld SDR 35 Polyvinyl Chloride (PVC) Pipe** *(33 31 11 00-0017)* Note: ASTM 3034.		
33 31 11 00-0173	LF	4" Solvent Weld SDR 35 Polyvinyl Chloride (PVC) Pipe	18.34	7.66
		For SDR 26, Add	*0.59*	
33 31 11 00-0174	LF	6" Solvent Weld SDR 35 Polyvinyl Chloride (PVC) Pipe	23.87	8.91
		For SDR 26, Add	*1.19*	
33 31 11 00-0175	LF	8" Solvent Weld SDR 35 Polyvinyl Chloride (PVC) Pipe	31.29	10.36
		For SDR 26, Add	*2.07*	
33 31 11 00-0176		**Gasketed SDR 35 Polyvinyl Chloride (PVC) Fittings** *(33 31 11 00-0017)* Note: ASTM 3034.		
33 31 11 00-0177		**1/4 Bends, Gasketed SDR 35 Polyvinyl Chloride (PVC)** *(33 31 11 00-0176)*		
33 31 11 00-0178	EA	4" 1/4 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	90.69	28.20
		For SDR 26, Add	*4.19*	
33 31 11 00-0179	EA	6" 1/4 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	135.01	32.79
		For SDR 26, Add	*7.71*	
33 31 11 00-0180	EA	8" 1/4 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	284.54	37.16
		For SDR 26, Add	*21.34*	
33 31 11 00-0181	EA	10" 1/4 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	820.41	43.72
		For SDR 26, Add	*71.76*	
33 31 11 00-0182	EA	12" 1/4 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,060.19	55.74
		For SDR 26, Add	*92.86*	
33 31 11 00-0183		**1/8 Bends, Gasketed SDR 35 Polyvinyl Chloride (PVC)** *(33 31 11 00-0176)*		
33 31 11 00-0184	EA	4" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	81.71	28.20
		For SDR 26, Add	*3.33*	
33 31 11 00-0185	EA	6" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	125.11	32.79
		For SDR 26, Add	*6.76*	
33 31 11 00-0186	EA	8" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	259.50	37.16
		For SDR 26, Add	*18.93*	
33 31 11 00-0187	EA	10" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	584.70	43.72
		For SDR 26, Add	*49.13*	
33 31 11 00-0188	EA	12" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	836.07	55.74
		For SDR 26, Add	*71.34*	
33 31 11 00-0189	EA	15" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,795.27	78.69
		For SDR 26, Add	*159.76*	
33 31 11 00-0190	EA	18" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	2,849.31	111.48
33 31 11 00-0191	EA	21" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	4,756.80	147.54
33 31 11 00-0192	EA	24" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	6,486.29	196.72
33 31 11 00-0193		**Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)** *(33 31 11 00-0176)*		
33 31 11 00-0194	EA	4" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	137.30	42.30
		For SDR 26, Add	*6.41*	
33 31 11 00-0195	EA	6" x 4" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	222.75	46.88
		For SDR 26, Add	*13.88*	
33 31 11 00-0196	EA	6" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	250.59	49.18
		For SDR 26, Add	*16.19*	
33 31 11 00-0197	EA	8" x 4" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	276.85	51.47
		For SDR 26, Add	*18.34*	
33 31 11 00-0198	EA	8" x 6" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	317.47	53.77
		For SDR 26, Add	*21.87*	
33 31 11 00-0199	EA	8" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	611.89	56.07
		For SDR 26, Add	*49.77*	
33 31 11 00-0200	EA	10" x 4" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	784.88	57.38
		For SDR 26, Add	*66.17*	
33 31 11 00-0201	EA	10" x 6" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	889.99	60.12
		For SDR 26, Add	*75.83*	
33 31 11 00-0202	EA	10" x 8" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,316.32	62.40
		For SDR 26, Add	*116.39*	
33 31 11 00-0203	EA	10" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,716.97	65.57
		For SDR 26, Add	*154.34*	
33 31 11 00-0204	EA	12" x 4" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	965.81	69.84
		For SDR 26, Add	*81.54*	
33 31 11 00-0205	EA	12" x 6" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,025.47	72.14
		For SDR 26, Add	*86.90*	
33 31 11 00-0206	EA	12" x 8" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,465.59	74.43
		For SDR 26, Add	*128.79*	
33 31 11 00-0207	EA	12" x 10" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	2,116.45	77.60
		For SDR 26, Add	*190.77*	
33 31 11 00-0208	EA	12" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	2,385.42	83.61
		For SDR 26, Add	*215.62*	
33 31 11 00-0209		**Wyes, Gasketed SDR 35 Polyvinyl Chloride (PVC)** *(33 31 11 00-0176)*		
33 31 11 00-0210	EA	4" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	130.33	42.30
		For SDR 26, Add	*5.74*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 31 11 00-0211	EA	6" x 4" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	199.53	46.88
		For SDR 26, Add	*11.65*	
33 31 11 00-0212	EA	6" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	219.40	49.18
		For SDR 26, Add	*13.19*	
33 31 11 00-0213	EA	8" x 4" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	266.89	51.47
33 31 11 00-0214	EA	8" x 6" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	305.59	53.77
33 31 11 00-0215	EA	8" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	469.99	56.07
33 31 11 00-0216	EA	10" x 4" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	717.49	57.82
33 31 11 00-0217	EA	10" x 6" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	731.80	60.12
33 31 11 00-0218	EA	10" x 8" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,103.34	62.40
33 31 11 00-0219	EA	10" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,221.18	65.57
33 31 11 00-0220	EA	12" x 4" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	909.60	69.84
33 31 11 00-0221	EA	12" x 6" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	938.14	72.14
33 31 11 00-0222	EA	12" x 8" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,345.90	74.43
33 31 11 00-0223	EA	12" x 10" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,622.79	77.60
33 31 11 00-0224	EA	12" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,694.17	83.61
33 31 11 00-0225	EA	15" x 10" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	2,088.10	100.55
33 31 11 00-0226	EA	15" x 12" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	2,317.03	106.56
33 31 11 00-0227	EA	15" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	2,898.16	118.03

33 31 11 00-0228 Couplings, Gasketed SDR 35 Polyvinyl Chloride (PVC) *(33 31 11 00-0176)*

33 31 11 00-0229	EA	4" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)	89.90	28.20
		For SDR 26, Add	*4.12*	
33 31 11 00-0230	EA	6" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)	140.30	32.79
		For SDR 26, Add	*8.22*	
33 31 11 00-0231	EA	8" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)	207.77	37.37
		For SDR 26, Add	*13.97*	
33 31 11 00-0232	EA	10" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)	395.75	43.72
		For SDR 26, Add	*30.99*	
33 31 11 00-0233	EA	12" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)	562.02	55.74
		For SDR 26, Add	*45.04*	
33 31 11 00-0234	EA	15" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,101.74	78.69
		For SDR 26, Add	*93.18*	
33 31 11 00-0235	EA	18" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)	2,075.18	111.48
33 31 11 00-0236	EA	21" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)	3,465.87	147.54
33 31 11 00-0237	EA	24" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)	5,018.65	196.72

33 31 11 00-0238 Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC) *(33 31 11 00-0176)*

33 31 11 00-0239	EA	6" x 4" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)	173.93	30.50
		For SDR 26, Add	*11.82*	
33 31 11 00-0240	EA	8" x 4" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)	250.11	32.79
		For SDR 26, Add	*18.76*	
33 31 11 00-0241	EA	8" x 6" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)	263.71	35.08
		For SDR 26, Add	*19.70*	
33 31 11 00-0242	EA	10" x 6" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)	597.33	38.25
		For SDR 26, Add	*51.23*	
33 31 11 00-0243	EA	10" x 8" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)	686.79	40.55
		For SDR 26, Add	*59.45*	
33 31 11 00-0244	EA	12" x 6" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)	767.46	44.26
		For SDR 26, Add	*66.59*	
33 31 11 00-0245	EA	12" x 8" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)	881.18	46.56
		For SDR 26, Add	*77.14*	
33 31 11 00-0246	EA	12" x 10" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,010.67	49.73
		For SDR 26, Add	*89.07*	
33 31 11 00-0247	EA	15" x 12" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,522.24	67.21
		For SDR 26, Add	*135.38*	

33 31 11 00-0248 Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC) *(33 31 11 00-0176)*

33 31 11 00-0249	EA	6" x 4" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	143.32	
		For SDR 26, Add	*8.51*	
33 31 11 00-0250	EA	8" x 4" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	189.62	
		For SDR 26, Add	*11.91*	
33 31 11 00-0251	EA	8" x 6" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	193.92	
		For SDR 26, Add	*12.32*	
33 31 11 00-0252	EA	10" x 4" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	322.50	
		For SDR 26, Add	*23.62*	
33 31 11 00-0253	EA	10" x 6" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	340.50	
		For SDR 26, Add	*25.34*	
33 31 11 00-0254	EA	10" x 8" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	650.24	
		For SDR 26, Add	*55.08*	
33 31 11 00-0255	EA	12" x 4" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	367.07	
		For SDR 26, Add	*26.32*	
33 31 11 00-0256	EA	12" x 6" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	400.82	
		For SDR 26, Add	*29.56*	
33 31 11 00-0257	EA	12" x 8" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	900.88	
		For SDR 26, Add	*77.57*	
33 31 11 00-0258	EA	12" x 10" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	1,063.39	
		For SDR 26, Add	*93.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 31 11 00-0259	EA	15" x 4" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	420.07	
		For SDR 26, Add	*27.74*	
33 31 11 00-0260	EA	15" x 6" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	449.52	
		For SDR 26, Add	*30.56*	
33 31 11 00-0261		Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC) *(33 31 11 00-0176)*		
33 31 11 00-0262	EA	6" x 4" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	153.40	
		For SDR 26, Add	*9.48*	
33 31 11 00-0263	EA	8" x 4" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	189.62	
		For SDR 26, Add	*11.91*	
33 31 11 00-0264	EA	8" x 6" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	207.64	
		For SDR 26, Add	*13.64*	
33 31 11 00-0265	EA	10" x 4" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	295.79	
		For SDR 26, Add	*21.05*	
33 31 11 00-0266	EA	10" x 6" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	338.35	
		For SDR 26, Add	*25.14*	
33 31 11 00-0267	EA	10" x 8" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	515.80	
		For SDR 26, Add	*42.17*	
33 31 11 00-0268	EA	12" x 4" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	364.93	
		For SDR 26, Add	*26.11*	
33 31 11 00-0269	EA	12" x 6" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	398.78	
		For SDR 26, Add	*29.36*	
33 31 11 00-0270	EA	12" x 8" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	599.87	
		For SDR 26, Add	*48.67*	
33 31 11 00-0271	EA	12" x 10" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	731.11	
		For SDR 26, Add	*61.27*	
33 31 11 00-0272	EA	15" x 4" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	418.74	
		For SDR 26, Add	*27.61*	
33 31 11 00-0273	EA	15" x 6" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	439.54	
		For SDR 26, Add	*29.61*	
33 31 11 00-0274	EA	15" x 8" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	736.87	
		For SDR 26, Add	*58.15*	
33 31 11 00-0275	EA	15" x 10" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	816.06	
		For SDR 26, Add	*65.75*	
33 31 11 00-0276	EA	15" x 12" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	1,156.45	
		For SDR 26, Add	*98.43*	
33 31 11 00-0277		Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) Pipe and Fittings *(33 31 11 00-0017)*		
		Note: ASTM F949.		
33 31 11 00-0278		Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) Pipe *(33 31 11 00-0277)*		
33 31 11 00-0279	LF	4" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) Pipe	17.42	7.66
33 31 11 00-0280	LF	6" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) Pipe	23.18	8.91
33 31 11 00-0281	LF	8" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) Pipe	28.76	10.36
33 31 11 00-0282	LF	10" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) Pipe	33.03	10.73
33 31 11 00-0283	LF	12" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) Pipe	34.79	11.10
33 31 11 00-0284	LF	15" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) Pipe	39.87	11.49
33 31 11 00-0285	LF	18" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) Pipe	49.00	11.92
33 31 11 00-0286	LF	21" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) Pipe	56.52	12.94
33 31 11 00-0287	LF	24" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) Pipe	68.02	13.95
33 31 11 00-0288	LF	30" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) Pipe	96.81	18.79
33 31 11 00-0289		1/4 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) *(33 31 11 00-0277)*		
33 31 11 00-0290	EA	4" 1/4 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	56.24	
33 31 11 00-0291	EA	6" 1/4 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	74.78	
33 31 11 00-0292	EA	8" 1/4 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	102.06	
33 31 11 00-0293	EA	10" 1/4 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	167.73	
33 31 11 00-0294	EA	12" 1/4 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	182.24	
33 31 11 00-0295	EA	15" 1/4 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	296.69	
33 31 11 00-0296	EA	18" 1/4 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	464.24	
33 31 11 00-0297	EA	21" 1/4 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	648.21	
33 31 11 00-0298	EA	24" 1/4 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	832.13	
33 31 11 00-0299	EA	30" 1/4 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	1,091.17	
33 31 11 00-0300		1/8 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) *(33 31 11 00-0277)*		
33 31 11 00-0301	EA	4" 1/8 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	53.07	
33 31 11 00-0302	EA	6" 1/8 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	70.09	
33 31 11 00-0303	EA	8" 1/8 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	95.23	
33 31 11 00-0304	EA	10" 1/8 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	154.90	
33 31 11 00-0305	EA	12" 1/8 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	168.81	
33 31 11 00-0306	EA	15" 1/8 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	272.96	
33 31 11 00-0307	EA	18" 1/8 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	425.54	
33 31 11 00-0308	EA	21" 1/8 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	590.77	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 31 11 00-0309	EA	24" 1/8 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	756.05	
33 31 11 00-0310	EA	30" 1/8 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	989.65	
33 31 11 00-0311		1/16 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) *(33 31 11 00-0277)*		
33 31 11 00-0312	EA	4" 1/16 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	48.32	
33 31 11 00-0313	EA	6" 1/16 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	60.19	
33 31 11 00-0314	EA	8" 1/16 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	90.18	
33 31 11 00-0315	EA	10" 1/16 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	113.76	
33 31 11 00-0316	EA	12" 1/16 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	154.56	
33 31 11 00-0317	EA	15" 1/16 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	247.73	
33 31 11 00-0318	EA	18" 1/16 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	359.22	
33 31 11 00-0319	EA	21" 1/16 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	532.01	
33 31 11 00-0320	EA	24" 1/16 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	704.81	
33 31 11 00-0321	EA	30" 1/16 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	987.22	
33 31 11 00-0322		Wye, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) *(33 31 11 00-0277)*		
33 31 11 00-0323	EA	4" Wye, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	87.16	
33 31 11 00-0324	EA	6" Wye, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	111.39	
33 31 11 00-0325	EA	8" Wye, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	189.59	
33 31 11 00-0326	EA	10" Wye, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	297.74	
33 31 11 00-0327	EA	12" Wye, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	483.96	
33 31 11 00-0328	EA	15" Wye, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	687.57	
33 31 11 00-0329	EA	18" Wye, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	994.01	
33 31 11 00-0330	EA	21" Wye, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	1,139.58	
33 31 11 00-0331	EA	24" Wye, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	1,285.09	
33 31 11 00-0332	EA	30" Wye, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	2,296.46	
33 31 11 00-0333		Tees, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) *(33 31 11 00-0277)*		
33 31 11 00-0334	EA	4" Tee, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	80.67	
33 31 11 00-0335	EA	6" Tee, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	102.49	
33 31 11 00-0336	EA	8" Tee, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	171.41	
33 31 11 00-0337	EA	10" Tee, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	266.66	
33 31 11 00-0338	EA	12" Tee, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	429.35	
33 31 11 00-0339	EA	15" Tee, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	608.75	
33 31 11 00-0340	EA	18" Tee, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	878.60	
33 31 11 00-0341	EA	21" Tee, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	1,005.72	
33 31 11 00-0342	EA	24" Tee, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	1,132.80	
33 31 11 00-0343	EA	30" Tee, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	2,010.35	
33 31 11 00-0344		Couplings And Plug Fittings *(33 31 11)*		
33 31 11 00-0345		Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Couplings *(33 31 11 00-0344)*		
		Note: For cast iron or plastic to cast iron to plastic pipe. Includes stainless steel clamps.		
33 31 11 00-0346	EA	1-1/2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-150)	21.13	7.26
33 31 11 00-0347	EA	2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-22)	23.08	8.47
33 31 11 00-0348	EA	3" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-33)	26.84	9.68
33 31 11 00-0349	EA	4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-44)	30.54	10.29
33 31 11 00-0350	EA	5" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-55)	37.82	10.89
33 31 11 00-0351	EA	6" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-66)	45.13	12.11
33 31 11 00-0352	EA	8" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-88)	58.11	13.32
33 31 11 00-0353	EA	10" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-1010)	72.41	13.92
33 31 11 00-0354	EA	12" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-1212)	122.02	14.53
33 31 11 00-0355		Manhole Inside Bowl Drop *(33 31 11)*		
33 31 11 00-0356	EA	Inside Pipe Drop, 4" Outlet for 4' to 5' Diameter Manhole With Stainless Steel Expansion Bolts (Reliner A4DB)	344.91	
33 31 11 00-0357	EA	Inside Pipe Drop, 4" Outlet for 6' to 8' Diameter Manhole With Stainless Steel Expansion Bolts (Reliner A4R96)	361.76	
33 31 11 00-0358	EA	Inside Pipe Drop, 6" Outlet for 4' to 5' Diameter Manhole With Stainless Steel Expansion Bolts (Reliner A6DB)	371.08	
33 31 11 00-0359	EA	Inside Pipe Drop, 6" Outlet for 6' to 8' Diameter Manhole With Stainless Steel Expansion Bolts (Reliner A6R96)	383.91	
33 31 11 00-0360	EA	Inside Pipe Drop, 8" Outlet for 4' to 5' Diameter Manhole With Stainless Steel Expansion Bolts (Reliner A8DB)	399.20	
33 31 11 00-0361	EA	Inside Pipe Drop, 8" Outlet for 6' to 8' Diameter Manhole With Stainless Steel Expansion Bolts (Reliner A8DBR84)	428.35	
33 31 11 00-0362	EA	Inside Pipe Drop, 10" Outlet for 4' to 5' Diameter Manhole With Stainless Steel Expansion Bolts (Reliner A10DB)	446.31	
33 31 11 00-0363	EA	Inside Pipe Drop, 10" Outlet for 6' to 8' Diameter Manhole With Stainless Steel Expansion Bolts (Reliner A10R96)	460.89	
33 31 11 00-0364	EA	Inside Pipe Drop, 12" Outlet for 4' to 6' Diameter Manhole With Stainless Steel Expansion Bolts (Reliner 24/12R60)	793.86	
33 31 11 00-0365	EA	Inside Pipe Drop, 12" Outlet for 7' to 8' Diameter Manhole With Stainless Steel Expansion Bolts (Reliner 24/12R96)	815.72	

33 32 Sanitary Sewerage Equipment *(33 30)*

33 32 16 Packaged Wastewater Grinder Pump Assemblies *(33 32)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 32 16 00-0001		Submersible Grinder Pumps, Cast Iron With Bronze Impeller *(33 32 16)*		
33 32 16 00-0002	EA	2 HP Submersible Grinder Pump, 200/208, 230 Volt, 1 Phase, 3450 RPM, 1-1/2" Threaded Discharge Note: Zoeller 840 series.	2,202.87	358.93
33 32 16 00-0003	EA	2 HP Submersible Grinder Pump, 200/208, 230, 460 Volt, 3 Phase, 3450 RPM, 1-1/2" Threaded Discharge Note: Zoeller 840 series.	2,172.17	358.93
33 32 16 00-0004	EA	Simplex Control Panel With Auto Reversing Switch Note: For Zoeller 840 series grinder pump.	1,036.33	119.60
33 32 16 00-0005	EA	Duplex Control Panel With Auto Reversing Switch Note: For Zoeller 840 series grinder pump.	1,606.82	119.60
33 32 16 00-0006	EA	Grinder Pump, 120 Gallon Sewage Basin, 1 HP, 120 V (Environment One 2012-74)	13,716.40	
33 32 16 00-0007		Submersible Grinder Pumps *(33 32 16)* Note: Includes 50' of cord with pumps unless otherwise noted.		
33 32 16 00-0008	EA	2 HP Submersible Grinder Pump At 3,450 RPM, Explosion Proof	3,922.35	756.11
33 32 16 00-0009	EA	3 HP Submersible Grinder Pump At 3,450 RPM, Explosion Proof	5,826.20	882.13
33 32 16 00-0010	EA	5 HP Submersible Grinder Pump At 3,450 RPM, Explosion Proof	7,142.61	1,134.16

33 40 Stormwater Utilities *(33)*

33 41 Subdrainage *(33 40)*

33 41 16 Subdrainage Piping *(33 41)*

33 41 16 13 Subdrainage Piping *(33 41 16)*

33 41 16 13-0001		Perforated Polyvinyl Chloride (PVC) Drainage Piping, D2729 *(33 41 16 13)* Note: Includes fittings, couplings, elbows, etc.		
33 41 16 13-0002	LF	3" Perforated Polyvinyl Chloride (PVC) Drainage Piping	6.89	4.24
33 41 16 13-0003	LF	4" Perforated Polyvinyl Chloride (PVC) Drainage Piping	7.52	4.58
33 41 16 13-0004	LF	6" Perforated Polyvinyl Chloride (PVC) Drainage Piping	10.55	5.49
33 41 16 13-0005	LF	8" Perforated Polyvinyl Chloride (PVC) Drainage Piping	16.32	6.87
33 41 16 13-0006	LF	10" Perforated Polyvinyl Chloride (PVC) Drainage Piping	26.06	7.15
33 41 16 13-0007	LF	12" Perforated Polyvinyl Chloride (PVC) Drainage Piping	33.12	7.80
33 41 16 13-0008	LF	15" Perforated Polyvinyl Chloride (PVC) Drainage Piping	45.50	8.79
33 41 16 13-0009		Perforated Non-Reinforced Concrete Drainage Piping, C444 *(33 41 16 13)*		
33 41 16 13-0010	LF	6" Perforated Non-Reinforced Concrete Drainage Pipe	38.18	14.14
		For Extra Strength, Add	*2.11*	
		For >1,000, Deduct	*-1.91*	
33 41 16 13-0011	LF	8" Perforated Non-Reinforced Concrete Drainage Pipe	44.61	15.71
		For Extra Strength, Add	*2.60*	
		For >1,000, Deduct	*-2.23*	
33 41 16 13-0012	LF	10" Perforated Non-Reinforced Concrete Drainage Pipe	50.48	17.27
		For Extra Strength, Add	*3.03*	
		For >1,000, Deduct	*-2.52*	
33 41 16 13-0013	LF	12" Perforated Non-Reinforced Concrete Drainage Pipe	59.26	18.85
		For Extra Strength, Add	*3.80*	
		For >1,000, Deduct	*-2.96*	
33 41 16 13-0014		Extra Strength Porous Non-Reinforced Concrete Drainage Piping, C654 *(33 41 16 13)* Note: Bell and spigot or tongue and groove. With seals and gaskets.		
33 41 16 13-0015	LF	6" Extra Strength Porous Non-Reinforced Concrete Drainage Pipe	31.63	14.14
		For >1,000, Deduct	*-1.58*	
33 41 16 13-0016	LF	8" Extra Strength Porous Non-Reinforced Concrete Drainage Pipe	35.00	15.71
		For >1,000, Deduct	*-1.75*	
33 41 16 13-0017	LF	10" Extra Strength Porous Non-Reinforced Concrete Drainage Pipe	38.61	17.27
		For >1,000, Deduct	*-1.93*	
33 41 16 13-0018	LF	12" Extra Strength Porous Non-Reinforced Concrete Drainage Pipe	44.08	17.95
		For >1,000, Deduct	*-2.20*	
33 41 16 13-0019	LF	15" Extra Strength Porous Non-Reinforced Concrete Drainage Pipe	51.21	20.20
		For >1,000, Deduct	*-2.56*	
33 41 16 13-0020	LF	18" Extra Strength Porous Non-Reinforced Concrete Drainage Pipe	63.38	25.80
		For >1,000, Deduct	*-3.17*	
33 41 16 13-0021	LF	21" Extra Strength Porous Non-Reinforced Concrete Drainage Pipe	79.16	33.10
		For >1,000, Deduct	*-3.96*	
33 41 16 13-0022	LF	24" Extra Strength Porous Non-Reinforced Concrete Drainage Pipe	96.52	40.39
		For >1,000, Deduct	*-4.83*	
33 41 16 13-0023		Standard Strength Porous Non-Reinforced Concrete Drainage Piping, C654 *(33 41 16 13)*		
33 41 16 13-0024	LF	6" Standard Strength Porous Non-Reinforced Concrete Drainage Pipe	29.47	14.14
		For >1,000, Deduct	*-1.47*	
33 41 16 13-0025	LF	8" Standard Strength Porous Non-Reinforced Concrete Drainage Pipe	37.40	15.71
		For >1,000, Deduct	*-1.87*	
33 41 16 13-0026	LF	10" Standard Strength Porous Non-Reinforced Concrete Drainage Pipe	47.27	17.27
		For >1,000, Deduct	*-2.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 16 13-0027	LF	12" Standard Strength Porous Non-Reinforced Concrete Drainage Pipe	57.35	18.85
		For >1,000, Deduct	*-2.87*	
33 41 16 13-0028	LF	15" Standard Strength Porous Non-Reinforced Concrete Drainage Pipe	65.66	20.97
		For >1,000, Deduct	*-3.28*	
33 41 16 13-0029	LF	18" Standard Strength Porous Non-Reinforced Concrete Drainage Pipe	85.08	26.15
		For >1,000, Deduct	*-4.25*	

33 41 16 13-0030 Perforated Vitrified Clay Drainage Piping, C700 *(33 41 16 13)*

33 41 16 13-0031	LF	4" Perforated Vitrified Clay Drainage Pipe	29.11	15.71
33 41 16 13-0032	LF	6" Perforated Vitrified Clay Drainage Pipe	34.70	17.67
33 41 16 13-0033	LF	8" Perforated Vitrified Clay Drainage Pipe	39.43	17.67
33 41 16 13-0034	LF	10" Perforated Vitrified Clay Drainage Pipe	52.73	21.59
33 41 16 13-0035	LF	12" Perforated Vitrified Clay Drainage Pipe	62.54	23.56

33 41 16 13-0036 Geotextile Filter Fabric Sock *(33 41 16 13)*

33 41 16 13-0037	LF	3" Geotextile Filter Fabric Sock	0.91	
33 41 16 13-0038	LF	4" Geotextile Filter Fabric Sock	1.21	
33 41 16 13-0039	LF	6" Geotextile Filter Fabric Sock	1.83	
33 41 16 13-0040	LF	8" Geotextile Filter Fabric Sock	2.46	
33 41 16 13-0041	LF	10" Geotextile Filter Fabric Sock	3.66	
33 41 16 13-0042	LF	12" Geotextile Filter Fabric Sock	5.01	
33 41 16 13-0043	LF	15" Geotextile Filter Fabric Sock	5.99	

33 41 16 13-0044 Prefabricated Composite Drains *(33 41 16 13)*

33 41 16 13-0045 Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE) *(33 41 16 13-0044)*

Note: Excludes excavation and backfill. See CSI section 31 23 16 13-0000 for excavation and backfill.

33 41 16 13-0046	LF	12" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	12.01	2.55
		For External Typar Geotextile Wrap, Add	*2.17*	
33 41 16 13-0047	EA	Coupler For 12" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	54.91	
33 41 16 13-0048	EA	End Cap For 12" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	54.91	
33 41 16 13-0049	EA	Side Outlet For 12" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	105.23	
33 41 16 13-0050	EA	End Outlet For 12" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	105.23	
33 41 16 13-0051	LF	18" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	19.14	3.18
		For External Typar Geotextile Wrap, Add	*3.26*	
33 41 16 13-0052	EA	Coupler For 18" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	80.74	
33 41 16 13-0053	EA	End Cap For 18" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	80.74	
33 41 16 13-0054	EA	Side Outlet For 18" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	137.88	
33 41 16 13-0055	EA	End Outlet For 18" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	137.88	

33 41 19 Underslab Drainage *(33 41)*

33 41 19 13 Underslab Drainage Piping *(33 41 19)*

33 41 19 13-0001 Capillary Water Barrier Underslab Drainage *(33 41 19 13)*

Note: Consists of a layer of fine granular material overlying a coarse layer.

33 41 19 13-0002	CY	2" Stone Capillary Water Barrier (Compacted Thickness) Underslab Drainage	70.54	
33 41 19 13-0003	CY	4" Stone Capillary Water Barrier (Compacted Thickness) Underslab Drainage	67.55	
33 41 19 13-0004	CY	6" Stone Capillary Water Barrier (Compacted Thickness) Underslab Drainage	66.35	
33 41 19 13-0005	CY	8" Stone Capillary Water Barrier (Compacted Thickness) Underslab Drainage	64.56	

33 42 Stormwater Conveyance *(33 40)*

Note: Piping includes hydrostatic testing, disinfecting and warning tape. See CSI section 31 23 16 00-0000 for excavation, 31 23 16 36-0016 for backfill.

33 42 11 Stormwater Gravity Piping *(33 42)*

33 42 11 00-0001 Reinforced Concrete Piping *(33 42 11)*

Note: Includes detectable tracer wire.

33 42 11 00-0002 Class 3 Reinforced Concrete Pipe Without Gaskets *(33 42 11 00-0001)*

33 42 11 00-0003	LF	12" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	57.12	18.85
		For >1,000, Deduct	*-2.86*	
		For Class 4, Add	*2.87*	
		For Class 5, Add	*6.04*	
33 42 11 00-0004	LF	15" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	68.61	20.97
		For >1,000, Deduct	*-3.43*	
		For Class 4, Add	*3.67*	
		For Class 5, Add	*7.73*	
33 42 11 00-0005	LF	18" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	78.03	26.15
		For >1,000, Deduct	*-3.90*	
		For Class 4, Add	*3.86*	
		For Class 5, Add	*8.13*	
33 42 11 00-0006	LF	21" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	99.97	32.98
		For >1,000, Deduct	*-5.00*	
		For Class 4, Add	*5.02*	
		For Class 5, Add	*10.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0007	LF	24" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	117.02	40.05
		For >1,000, Deduct	*-5.85*	
		For Class 4, Add	*5.68*	
		For Class 5, Add	*11.96*	
33 42 11 00-0008		**Concrete Reducing Wye Without Gaskets** *(33 42 11 00-0001)*		
33 42 11 00-0009	EA	12" Concrete Reducing Wye Without Gaskets	699.28	71.80
33 42 11 00-0010	EA	15" Concrete Reducing Wye Without Gaskets	838.55	87.51
33 42 11 00-0011	EA	18" Concrete Reducing Wye Without Gaskets	1,036.47	96.49
33 42 11 00-0012	EA	21" Concrete Reducing Wye Without Gaskets	1,189.32	118.93
33 42 11 00-0013	EA	24" Concrete Reducing Wye Without Gaskets	1,343.91	143.61
33 42 11 00-0014		**Concrete Pipe Joint Gaskets** *(33 42 11 00-0001)*		
33 42 11 00-0015	EA	12" Diameter Concrete Pipe Joint Gasket	6.70	
33 42 11 00-0016	EA	15" Diameter Concrete Pipe Joint Gasket	7.92	
33 42 11 00-0017	EA	18" Diameter Concrete Pipe Joint Gasket	9.18	
33 42 11 00-0018	EA	21" Diameter Concrete Pipe Joint Gasket	11.09	
33 42 11 00-0019	EA	24" Diameter Concrete Pipe Joint Gasket	12.99	
33 42 11 00-0020		**Precast Concrete Cut Off Wall** *(33 42 11 00-0001)*		
33 42 11 00-0021	EA	12" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	301.31	208.72
33 42 11 00-0022	EA	15" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	371.68	258.53
33 42 11 00-0023	EA	18" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	461.02	327.31
33 42 11 00-0024	EA	21" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	545.60	391.34
33 42 11 00-0025	EA	24" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	627.71	452.89
33 42 11 00-0026	EA	27" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	774.08	578.71
33 42 11 00-0027	EA	30" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	1,013.04	796.92
33 42 11 00-0028	EA	36" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	1,263.05	1,005.64
33 42 11 00-0029	EA	42" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	1,559.89	1,261.55
33 42 11 00-0030	EA	48" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	1,745.97	1,421.89
33 42 11 00-0031	EA	54" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	1,949.41	1,593.85
33 42 11 00-0032	EA	60" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	2,155.74	1,770.55
33 42 11 00-0033	EA	66" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	2,240.00	1,838.14
33 42 11 00-0034	EA	72" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	2,314.12	1,897.44
33 42 11 00-0035	EA	78" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	2,388.22	1,956.73
33 42 11 00-0036	EA	84" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	2,464.18	2,016.02
33 42 11 00-0037		**Strap Assembly** *(33 42 11 00-0001)*		
		Note: Includes drilling holes in concrete pipe, setting threaded rod, bolts, and mounting the 12' strap.		
33 42 11 00-0038	EA	Up To 24" Diameter Pipe, 12' Strap Assembly	256.99	
33 42 11 00-0039	EA	>24" Diameter Pipe, 12' Strap Assembly	362.80	
33 42 11 00-0040		**Prestressed Concrete Cylinder Piping** *(33 42 11)*		
		Note: Includes detectable tracer wire.		
33 42 11 00-0041		**150 PSI Prestressed Concrete Cylinder Pipe And Fittings** *(33 42 11 00-0040)*		
33 42 11 00-0042		**150 PSI Prestressed Concrete Cylinder Pipe With Gaskets** *(33 42 11 00-0041)*		
		Note: Lined-cylinder pipe (AWWA C301) up to 48". Embedded-cylinder pipe (AWWA C301) >48".		
33 42 11 00-0043	LF	12" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	157.01	18.85
		For >1,000, Deduct	*-7.85*	
		For 100 PSI, Deduct	*-32.52*	
33 42 11 00-0044	LF	15" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	167.56	20.97
		For >1,000, Deduct	*-8.38*	
		For 100 PSI, Deduct	*-34.40*	
33 42 11 00-0045	LF	18" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	182.50	26.15
		For >1,000, Deduct	*-9.13*	
		For 100 PSI, Deduct	*-36.29*	
33 42 11 00-0046	LF	21" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	199.79	32.98
		For >1,000, Deduct	*-9.99*	
		For 100 PSI, Deduct	*-38.17*	
33 42 11 00-0047	LF	24" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	217.42	40.05
		For >1,000, Deduct	*-10.87*	
		For 100 PSI, Deduct	*-40.05*	
33 42 11 00-0048		**150 PSI Prestressed Concrete Cylinder 90 Degree Elbows With Gaskets** *(33 42 11 00-0041)*		
33 42 11 00-0049	EA	12" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	527.98	176.71
33 42 11 00-0050	EA	15" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	730.79	252.44
33 42 11 00-0051	EA	18" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	940.16	336.57
33 42 11 00-0052	EA	21" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	1,149.53	420.72
33 42 11 00-0053	EA	24" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	1,395.90	522.82
33 42 11 00-0054	EA	30" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	1,787.40	701.21
33 42 11 00-0055	EA	42" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	2,571.02	968.88
33 42 11 00-0056	EA	54" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	3,561.58	1,381.57

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0057		**150 PSI Prestressed Concrete Cylinder 45 Degree Elbows With Gaskets** *(33 42 11 00-0041)*		
33 42 11 00-0058	EA	12" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	493.06	176.71
33 42 11 00-0059	EA	15" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	685.61	252.44
33 42 11 00-0060	EA	18" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	886.76	336.57
33 42 11 00-0061	EA	21" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	1,087.91	420.72
33 42 11 00-0062	EA	24" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	1,326.06	522.82
33 42 11 00-0063	EA	30" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	1,691.56	654.09
33 42 11 00-0064	EA	42" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	2,444.37	968.88
33 42 11 00-0065	EA	54" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	3,366.31	1,381.57
33 42 11 00-0066		**Vitrified Clay Piping** *(33 42 11)*		
33 42 11 00-0067		**Extra Strength Vitrified Clay Piping** *(33 42 11 00-0066)*		
33 42 11 00-0068		**Plain Joint, Extra Strength, Vitrified Clay Piping** *(33 42 11 00-0067)* Note: ASTM C700.		
33 42 11 00-0069	LF	4" Plain Joint, Extra Strength, Vitrified Clay Pipe	23.15	
		For 3' Lengths, Add	*2.02*	
		For 2' Lengths, Add	*2.69*	
		For Standard Strength, Deduct	*-0.67*	
		For >1,000, Deduct	*-1.16*	
33 42 11 00-0070	LF	6" Plain Joint, Extra Strength, Vitrified Clay Pipe	38.44	
		For 3' Lengths, Add	*3.14*	
		For 2' Lengths, Add	*4.18*	
		For Standard Strength, Deduct	*-1.05*	
		For >1,000, Deduct	*-1.92*	
33 42 11 00-0071	LF	8" Plain Joint, Extra Strength, Vitrified Clay Pipe	46.04	
		For 3' Lengths, Add	*4.48*	
		For 2' Lengths, Add	*5.98*	
		For Standard Strength, Deduct	*-1.49*	
		For >1,000, Deduct	*-2.30*	
33 42 11 00-0072	LF	10" Plain Joint, Extra Strength, Vitrified Clay Pipe	55.29	
		For 3' Lengths, Add	*6.86*	
		For 2' Lengths, Add	*9.15*	
		For Standard Strength, Deduct	*-2.29*	
		For >1,000, Deduct	*-2.76*	
33 42 11 00-0073	LF	12" Plain Joint, Extra Strength, Vitrified Clay Pipe	67.66	
		For 3' Lengths, Add	*9.69*	
		For 2' Lengths, Add	*12.92*	
		For Standard Strength, Deduct	*-3.23*	
		For >1,000, Deduct	*-3.38*	
33 42 11 00-0074		**Compression Joint, Extra Strength, Vitrified Clay Piping** *(33 42 11 00-0067)* Note: ASTM C425.		
33 42 11 00-0075	LF	4" Compression Joint, Extra Strength, Vitrified Clay Pipe	32.82	
		For 3' Lengths, Add	*2.38*	
		For 2' Lengths, Add	*3.18*	
		For Standard Strength, Deduct	*-0.79*	
		For >1,000, Deduct	*-1.64*	
33 42 11 00-0076	LF	6" Compression Joint, Extra Strength, Vitrified Clay Pipe	40.95	
		For 3' Lengths, Add	*3.89*	
		For 2' Lengths, Add	*5.18*	
		For Standard Strength, Deduct	*-1.30*	
		For >1,000, Deduct	*-2.05*	
33 42 11 00-0077	LF	8" Compression Joint, Extra Strength, Vitrified Clay Pipe	49.40	
		For 3' Lengths, Add	*5.49*	
		For 2' Lengths, Add	*7.32*	
		For Standard Strength, Deduct	*-1.83*	
		For >1,000, Deduct	*-2.47*	
33 42 11 00-0078	LF	10" Compression Joint, Extra Strength, Vitrified Clay Pipe	62.46	
		For 3' Lengths, Add	*9.02*	
		For 2' Lengths, Add	*12.02*	
		For Standard Strength, Deduct	*-3.01*	
		For >1,000, Deduct	*-3.12*	
33 42 11 00-0079	LF	12" Compression Joint, Extra Strength, Vitrified Clay Pipe	74.83	
		For 3' Lengths, Add	*11.84*	
		For 2' Lengths, Add	*15.79*	
		For Standard Strength, Deduct	*-3.95*	
		For >1,000, Deduct	*-3.74*	
33 42 11 00-0080		**Extra Strength, Vitrified Clay Pipe Fittings** *(33 42 11 00-0066)*		
33 42 11 00-0081		**1/8 Bends, Extra Strength, Vitrified Clay** *(33 42 11 00-0080)*		
33 42 11 00-0082		**Plain End 1/8 Bend, Extra Strength, Vitrified Clay** *(33 42 11 00-0081)*		
33 42 11 00-0083	EA	4" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	97.28	
33 42 11 00-0084	EA	6" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	131.53	
33 42 11 00-0085	EA	8" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	188.32	
33 42 11 00-0086	EA	10" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	259.25	
33 42 11 00-0087	EA	12" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	342.83	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0088		Compression Joint 1/8 Bends, Extra Strength, Vitrified Clay *(33 42 11 00-0081)*		
33 42 11 00-0089	EA	4" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	109.91	
33 42 11 00-0090	EA	6" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	156.57	
33 42 11 00-0091	EA	8" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	212.37	
33 42 11 00-0092	EA	10" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	285.02	
33 42 11 00-0093	EA	12" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	362.05	
33 42 11 00-0094		1/4 Bends, Extra Strength, Vitrified Clay *(33 42 11 00-0080)*		
33 42 11 00-0095		Plain End 1/4 Bends, Extra Strength, Vitrified Clay *(33 42 11 00-0094)*		
33 42 11 00-0096	EA	4" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	113.70	
33 42 11 00-0097	EA	6" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	151.32	
33 42 11 00-0098	EA	8" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	211.47	
33 42 11 00-0099	EA	10" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	284.35	
33 42 11 00-0100	EA	12" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	371.13	
33 42 11 00-0101		Compression Joint 1/4 Bends, Extra Strength, Vitrified Clay *(33 42 11 00-0094)*		
33 42 11 00-0102	EA	4" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	129.62	
33 42 11 00-0103	EA	6" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	180.30	
33 42 11 00-0104	EA	8" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	240.13	
33 42 11 00-0105	EA	10" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	315.15	
33 42 11 00-0106	EA	12" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	396.00	
33 42 11 00-0107		Wyes Or Tees, Extra Strength, Vitrified Clay *(33 42 11 00-0080)*		
33 42 11 00-0108		Plain End Wyes Or Tees, Extra Strength, Vitrified Clay *(33 42 11 00-0107)*		
33 42 11 00-0109	EA	4" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	124.81	
33 42 11 00-0110	EA	6" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	163.05	
33 42 11 00-0111	EA	8" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	221.86	
33 42 11 00-0112	EA	10" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	293.63	
33 42 11 00-0113	EA	12" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	371.48	
33 42 11 00-0114		Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay *(33 42 11 00-0107)*		
33 42 11 00-0115	EA	4" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	152.51	
33 42 11 00-0116	EA	6" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	209.36	
33 42 11 00-0117	EA	8" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	275.96	
33 42 11 00-0118	EA	10" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	357.44	
33 42 11 00-0119	EA	12" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	446.21	
33 42 11 00-0120		Vitrified Clay Couplings *(33 42 11 00-0066)*		
33 42 11 00-0121		Vitrified Clay To Cast Iron Or Plastic Pipe Couplings *(33 42 11 00-0120)*		
		Note: Stainless steel tightening band at each end (Fernco #1002)		
33 42 11 00-0122	EA	4" x 3" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	36.61	
33 42 11 00-0123	EA	4" x 4" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	36.27	
33 42 11 00-0124	EA	5" x 4" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	49.72	
33 42 11 00-0125	EA	5" x 5" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	46.94	
33 42 11 00-0126	EA	6" x 4" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	60.64	
33 42 11 00-0127	EA	6" x 5" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	63.05	
33 42 11 00-0128	EA	6" x 6" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	57.73	
33 42 11 00-0129	EA	8" x 6" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	83.04	
33 42 11 00-0130	EA	8" x 8" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	76.95	
33 42 11 00-0131	EA	10" x 8" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	108.31	
33 42 11 00-0132	EA	10" x 10" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	98.90	
33 42 11 00-0133	EA	12" x 10" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	134.28	
33 42 11 00-0134	EA	12" x 12" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	112.68	
33 42 11 00-0135	EA	15" x 12" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	225.76	
33 42 11 00-0136	EA	15" x 15" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	174.26	
33 42 11 00-0137		Vitrified Clay To Vitrified Clay Pipe Non-Shear Couplings *(33 42 11 00-0120)*		
		Note: Stainless steel tightening band at each end. (NDS Non-shear)		
33 42 11 00-0138	EA	4" x 4" Vitrified Clay To Vitrified Clay Pipe Non-Shear Coupling	75.25	
33 42 11 00-0139	EA	6" x 4" Vitrified Clay To Vitrified Clay Pipe Non-Shear Coupling	100.39	
33 42 11 00-0140	EA	6" x 6" Vitrified Clay To Vitrified Clay Pipe Non-Shear Coupling	106.24	
33 42 11 00-0141	EA	8" x 8" Vitrified Clay To Vitrified Clay Pipe Non-Shear Coupling	111.37	
33 42 11 00-0142	EA	10" x 10" Vitrified Clay To Vitrified Clay Pipe Non-Shear Coupling	137.76	
33 42 11 00-0143	EA	12" x 12" Vitrified Clay To Vitrified Clay Pipe Non-Shear Coupling	159.98	
33 42 11 00-0144		Vitrified Clay To Plastic Pipe Non-Shear Couplings *(33 42 11 00-0120)*		
		Note: Stainless steel tightening band at each end. (NDS Non-shear)		
33 42 11 00-0145	EA	4" x 4" Vitrified Clay To Plastic Pipe Non-Shear Coupling	77.21	
33 42 11 00-0146	EA	6" x 4" Vitrified Clay To Plastic Pipe Non-Shear Coupling	102.35	
33 42 11 00-0147	EA	6" x 6" Vitrified Clay To Plastic Pipe Non-Shear Coupling	93.63	
33 42 11 00-0148	EA	8" x 8" Vitrified Clay To Plastic Pipe Non-Shear Coupling	123.10	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0149	EA	10" x 10" Vitrified Clay To Plastic Pipe Non-Shear Coupling	178.81	
33 42 11 00-0150	EA	12" x 12" Vitrified Clay To Plastic Pipe Non-Shear Coupling	202.14	

33 42 13 Stormwater Culverts *(33 42)*

33 42 13 13 Precast Concrete Stormwater Culverts *(33 42 13)*

33 42 13 13-0001 Precast Reinforced Concrete Box Culvert *(33 42 13 13)*

Note: The quantity required shall be the entire length of the culvert including the length of the cut-off sections. Includes delivery, handling, hoisting into place, alignment, bracing, permanent connections, grouting of joints and caulking of joints. Excludes crane, excavation and backfill. Minimum length 6'-0". See CSI section 01 22 23 00-0787 for crane lifting equipment.

33 42 13 13-0002	LF	3' x 3' Precast Reinforced Concrete Box Culvert	463.48	59.30
		For Each LF Of Cut-Off Section, Add	*18.54*	
33 42 13 13-0003	LF	4' x 2' Precast Reinforced Concrete Box Culvert	520.84	59.30
		For Each LF Of Cut-Off Section, Add	*20.83*	
33 42 13 13-0004	LF	4' x 3' Precast Reinforced Concrete Box Culvert	613.49	59.30
		For Each LF Of Cut-Off Section, Add	*24.54*	
33 42 13 13-0005	LF	5' x 3' Precast Reinforced Concrete Box Culvert	737.08	74.12
		For Each LF Of Cut-Off Section, Add	*29.48*	
33 42 13 13-0006	LF	5' x 4' Precast Reinforced Concrete Box Culvert	754.73	74.12
		For Each LF Of Cut-Off Section, Add	*30.19*	
33 42 13 13-0007	LF	5' x 5' Precast Reinforced Concrete Box Culvert	763.56	74.12
		For Each LF Of Cut-Off Section, Add	*30.54*	
33 42 13 13-0008	LF	6' x 3' Precast Reinforced Concrete Box Culvert	787.39	77.08
		For Each LF Of Cut-Off Section, Add	*31.50*	
33 42 13 13-0009	LF	6' x 4' Precast Reinforced Concrete Box Culvert	791.81	77.08
		For Each LF Of Cut-Off Section, Add	*31.67*	
33 42 13 13-0010	LF	6' x 6' Precast Reinforced Concrete Box Culvert	871.22	77.08
		For Each LF Of Cut-Off Section, Add	*34.85*	
33 42 13 13-0011	LF	7' x 4' Precast Reinforced Concrete Box Culvert	895.98	88.94
		For Each LF Of Cut-Off Section, Add	*35.84*	
33 42 13 13-0012	LF	7' x 6' Precast Reinforced Concrete Box Culvert	962.80	120.96
		For Each LF Of Cut-Off Section, Add	*38.51*	
33 42 13 13-0013	LF	8' x 2' Precast Reinforced Concrete Box Culvert	875.63	77.08
		For Each LF Of Cut-Off Section, Add	*35.03*	
33 42 13 13-0014	LF	8' x 3' Precast Reinforced Concrete Box Culvert	900.39	88.94
		For Each LF Of Cut-Off Section, Add	*36.02*	
33 42 13 13-0015	LF	8' x 4' Precast Reinforced Concrete Box Culvert	913.63	88.94
		For Each LF Of Cut-Off Section, Add	*36.55*	
33 42 13 13-0016	LF	8' x 5' Precast Reinforced Concrete Box Culvert	1,104.33	118.58
		For Each LF Of Cut-Off Section, Add	*44.17*	
33 42 13 13-0017	LF	8' x 6' Precast Reinforced Concrete Box Culvert	1,107.86	118.58
		For Each LF Of Cut-Off Section, Add	*44.31*	
33 42 13 13-0018	LF	8' x 8' Precast Reinforced Concrete Box Culvert	1,228.87	148.24
		For Each LF Of Cut-Off Section, Add	*49.15*	
33 42 13 13-0019	LF	9' x 4' Precast Reinforced Concrete Box Culvert	1,218.16	118.58
		For Each LF Of Cut-Off Section, Add	*48.73*	
33 42 13 13-0020	LF	9' x 6' Precast Reinforced Concrete Box Culvert	1,293.29	148.24
		For Each LF Of Cut-Off Section, Add	*51.73*	
33 42 13 13-0021	LF	10' x 3' Precast Reinforced Concrete Box Culvert	1,297.70	148.24
		For Each LF Of Cut-Off Section, Add	*51.91*	
33 42 13 13-0022	LF	10' x 4' Precast Reinforced Concrete Box Culvert	1,571.24	148.24
		For Each LF Of Cut-Off Section, Add	*62.85*	
33 42 13 13-0023	LF	10' x 5' Precast Reinforced Concrete Box Culvert	1,650.76	177.88
		For Each LF Of Cut-Off Section, Add	*66.03*	
33 42 13 13-0024	LF	10' x 6' Precast Reinforced Concrete Box Culvert	1,668.41	177.88
		For Each LF Of Cut-Off Section, Add	*66.74*	
33 42 13 13-0025	LF	10' x 7' Precast Reinforced Concrete Box Culvert	1,672.82	177.88
		For Each LF Of Cut-Off Section, Add	*66.91*	
33 42 13 13-0026	LF	10' x 8' Precast Reinforced Concrete Box Culvert	1,679.00	177.88
		For Each LF Of Cut-Off Section, Add	*67.16*	
33 42 13 13-0027	LF	12' x 3' Precast Reinforced Concrete Box Culvert	1,747.95	207.54
		For Each LF Of Cut-Off Section, Add	*69.92*	
33 42 13 13-0028	LF	12' x 4' Precast Reinforced Concrete Box Culvert	1,747.95	207.54
		For Each LF Of Cut-Off Section, Add	*69.92*	
33 42 13 13-0029	LF	12' x 6' Precast Reinforced Concrete Box Culvert	1,747.95	207.54
		For Each LF Of Cut-Off Section, Add	*69.92*	
33 42 13 13-0030	LF	12' x 8' Precast Reinforced Concrete Box Culvert	1,747.95	207.54
		For Each LF Of Cut-Off Section, Add	*69.92*	
33 42 13 13-0031	LF	16' x 10' Precast Reinforced Concrete Box Culvert	2,533.38	237.18
		For Each LF Of Cut-Off Section, Add	*101.34*	
33 42 13 13-0032	LF	24' x 10' Precast Reinforced Concrete Box Culvert	3,504.02	237.18
		For Each LF Of Cut-Off Section, Add	*140.16*	

33 42 13 13-0033 Precast Reinforced Concrete Box Culvert For Roadways *(33 42 13 13)*

Note: AASHTO HL-93 Rated. The quantity required shall be the entire length of the culvert including the length of the cut-off sections. Includes delivery, handling, hoisting into place, alignment, bracing, permanent connections, grouting of joints and caulking of joints. Excludes crane, excavation and backfill. Minimum length 6'-0". See CSI section 01 22 23 00-0787 for crane lifting equipment.

33 42 13 13-0034	LF	3' x 3' Precast Reinforced Concrete Box Culvert For Roadways	1,138.96	59.30
		For Each LF Of Cut-Off Section, Add	*45.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 13 13-0035	LF	4' x 2' Precast Reinforced Concrete Box Culvert For Roadways	1,223.72	59.30
		For Each LF Of Cut-Off Section, Add	*48.95*	
33 42 13 13-0036	LF	4' x 3' Precast Reinforced Concrete Box Culvert For Roadways	1,373.71	59.30
		For Each LF Of Cut-Off Section, Add	*54.95*	
33 42 13 13-0037	LF	5' x 3' Precast Reinforced Concrete Box Culvert For Roadways	1,554.62	74.12
		For Each LF Of Cut-Off Section, Add	*62.18*	
33 42 13 13-0038	LF	5' x 4' Precast Reinforced Concrete Box Culvert For Roadways	1,704.62	74.12
		For Each LF Of Cut-Off Section, Add	*68.18*	
33 42 13 13-0039	LF	5' x 5' Precast Reinforced Concrete Box Culvert For Roadways	1,854.62	74.12
		For Each LF Of Cut-Off Section, Add	*74.18*	
33 42 13 13-0040	LF	6' x 3' Precast Reinforced Concrete Box Culvert For Roadways	1,710.81	77.08
		For Each LF Of Cut-Off Section, Add	*68.43*	
33 42 13 13-0041	LF	6' x 4' Precast Reinforced Concrete Box Culvert For Roadways	1,860.81	77.08
		For Each LF Of Cut-Off Section, Add	*74.43*	
33 42 13 13-0042	LF	6' x 6' Precast Reinforced Concrete Box Culvert For Roadways	2,160.81	77.08
		For Each LF Of Cut-Off Section, Add	*86.43*	
33 42 13 13-0043	LF	7' x 4' Precast Reinforced Concrete Box Culvert For Roadways	2,035.57	88.94
		For Each LF Of Cut-Off Section, Add	*81.42*	
33 42 13 13-0044	LF	7' x 6' Precast Reinforced Concrete Box Culvert For Roadways	2,402.35	120.96
		For Each LF Of Cut-Off Section, Add	*96.09*	
33 42 13 13-0045	LF	8' x 2' Precast Reinforced Concrete Box Culvert For Roadways	1,860.81	77.08
		For Each LF Of Cut-Off Section, Add	*74.43*	
33 42 13 13-0046	LF	8' x 3' Precast Reinforced Concrete Box Culvert For Roadways	2,035.57	88.94
		For Each LF Of Cut-Off Section, Add	*81.42*	
33 42 13 13-0047	LF	8' x 4' Precast Reinforced Concrete Box Culvert For Roadways	2,185.57	88.94
		For Each LF Of Cut-Off Section, Add	*87.42*	
33 42 13 13-0048	LF	8' x 5' Precast Reinforced Concrete Box Culvert For Roadways	2,397.40	118.58
		For Each LF Of Cut-Off Section, Add	*95.90*	
33 42 13 13-0049	LF	8' x 6' Precast Reinforced Concrete Box Culvert For Roadways	2,547.40	118.58
		For Each LF Of Cut-Off Section, Add	*101.90*	
33 42 13 13-0050	LF	8' x 8' Precast Reinforced Concrete Box Culvert For Roadways	2,909.29	148.24
		For Each LF Of Cut-Off Section, Add	*116.37*	
33 42 13 13-0051	LF	9' x 4' Precast Reinforced Concrete Box Culvert For Roadways	2,571.95	118.58
		For Each LF Of Cut-Off Section, Add	*102.88*	
33 42 13 13-0052	LF	9' x 6' Precast Reinforced Concrete Box Culvert For Roadways	2,954.43	148.24
		For Each LF Of Cut-Off Section, Add	*118.18*	
33 42 13 13-0053	LF	10' x 3' Precast Reinforced Concrete Box Culvert For Roadways	2,921.79	148.24
		For Each LF Of Cut-Off Section, Add	*116.87*	
33 42 13 13-0054	LF	10' x 4' Precast Reinforced Concrete Box Culvert For Roadways	3,099.90	148.24
		For Each LF Of Cut-Off Section, Add	*124.00*	
33 42 13 13-0055	LF	10' x 5' Precast Reinforced Concrete Box Culvert For Roadways	3,339.88	177.88
		For Each LF Of Cut-Off Section, Add	*133.60*	
33 42 13 13-0056	LF	10' x 6' Precast Reinforced Concrete Box Culvert For Roadways	3,517.99	177.88
		For Each LF Of Cut-Off Section, Add	*140.72*	
33 42 13 13-0057	LF	10' x 7' Precast Reinforced Concrete Box Culvert For Roadways	3,696.13	177.88
		For Each LF Of Cut-Off Section, Add	*147.85*	
33 42 13 13-0058	LF	10' x 8' Precast Reinforced Concrete Box Culvert For Roadways	3,874.24	177.88
		For Each LF Of Cut-Off Section, Add	*154.97*	
33 42 13 13-0059	LF	12' x 3' Precast Reinforced Concrete Box Culvert For Roadways	3,875.52	207.54
		For Each LF Of Cut-Off Section, Add	*155.02*	
33 42 13 13-0060	LF	12' x 4' Precast Reinforced Concrete Box Culvert For Roadways	4,077.98	207.54
		For Each LF Of Cut-Off Section, Add	*163.12*	
33 42 13 13-0061	LF	12' x 6' Precast Reinforced Concrete Box Culvert For Roadways	4,482.96	207.54
		For Each LF Of Cut-Off Section, Add	*179.32*	
33 42 13 13-0062	LF	12' x 8' Precast Reinforced Concrete Box Culvert For Roadways	4,887.95	207.54
		For Each LF Of Cut-Off Section, Add	*195.52*	
33 42 13 13-0063	LF	16' x 10' Precast Reinforced Concrete Box Culvert For Roadways	5,849.78	237.18
		For Each LF Of Cut-Off Section, Add	*233.99*	
33 42 13 13-0064	LF	24' x 10' Precast Reinforced Concrete Box Culvert For Roadways	7,379.70	237.18
		For Each LF Of Cut-Off Section, Add	*295.19*	

33 42 23 Headwalls and Endwalls for Stormwater Piping *(33 42)*

33 42 23 00-0001 Headwalls *(33 42 23)*

Note: Excludes excavation and backfill. Select pipe with closest opening area for square or round culverts.

33 42 23 00-0002 Cast In Place Concrete Headwalls *(33 42 23 00-0001)*

Note: Includes concrete, forms, rebar (where required), finish and curing.

33 42 23 00-0003 Skewed Wingwall, Cast In Place Concrete Headwall *(33 42 23 00-0002)*

Note: Sized by pipe diameter.

33 42 23 00-0004	EA	12" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	1,634.57	726.06

33 42 23 00-0005 Precast Concrete Headwalls *(33 42 23 00-0001)*

33 42 23 00-0006	EA	12" Pipe, Precast Concrete Headwall	941.73	201.95

33 42 23 00-0007 Precast Concrete Wingwalls *(33 42 23 00-0001)*

33 42 23 00-0008	EA	18" ID Pipe (26" Hole) Precast Concrete Wingwall Note: 12" Thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.	5,863.67	2,113.27
33 42 23 00-0009	EA	24" ID Pipe (32" Hole) Precast Concrete Wingwall Note: 12" Thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.	6,219.44	2,348.08

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 26		**End Sections for Stormwater Piping** *(33 42)*		
33 42 26 23		**Concrete End Sections for Stormwater Piping** *(33 42 26)*		
33 42 26 23-0001		Precast Concrete End Sections *(33 42 26 23)*		
33 42 26 23-0002		Precast Concrete End Sections *(33 42 26 23-0001)*		
33 42 26 23-0003	EA	12" Diameter Pipe, Precast Concrete End Section	755.64	131.61
33 42 26 23-0004	EA	15" Diameter Pipe, Precast Concrete End Section	1,013.35	162.91
33 42 26 23-0005	EA	18" Diameter Pipe, Precast Concrete End Section	1,255.03	206.21
33 42 26 23-0006	EA	21" Diameter Pipe, Precast Concrete End Section	1,440.99	246.60
33 42 26 23-0007	EA	24" Diameter Pipe, Precast Concrete End Section	1,533.24	285.42
33 42 26 23-0008		Flared Precast Concrete End Sections *(33 42 26 23-0001)*		
33 42 26 23-0009	EA	12" Diameter Pipe, Flared Precast Concrete End Section	946.38	138.16
33 42 26 23-0010	EA	15" Diameter Pipe, Flared Precast Concrete End Section	1,139.97	172.19
33 42 26 23-0011	EA	18" Diameter Pipe, Flared Precast Concrete End Section	1,384.54	217.97
33 42 26 23-0012	EA	21" Diameter Pipe, Flared Precast Concrete End Section	1,582.81	260.66
33 42 26 23-0013	EA	24" Diameter Pipe, Flared Precast Concrete End Section	1,930.33	301.69
33 42 31		**Stormwater Area Drains and Inlets** *(33 42)*		
33 42 31 00-0001		Storm Drains *(33 42 31)*		
33 42 31 00-0002		Catch Basins And Inlet Basins *(33 42 31 00-0001)* Note: Includes base slab, opening and grout. Excludes frame, grate, excavation and backfill.		
33 42 31 00-0003		Cast In Place, Grate Drop Inlet Basins *(33 42 31 00-0002)* Note: Inside dimensions.		
33 42 31 00-0004		3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basins *(33 42 31 00-0003)*		
33 42 31 00-0005	EA	2' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin	1,912.64	357.11
33 42 31 00-0006	EA	3' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin	2,283.50	418.42
33 42 31 00-0007	EA	4' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin	2,654.36	479.63
33 42 31 00-0008	EA	5' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin	3,025.22	540.94
33 42 31 00-0009	EA	6' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin	3,396.08	602.14
33 42 31 00-0010		3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basins *(33 42 31 00-0003)*		
33 42 31 00-0011	EA	2' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin	2,449.70	354.96
33 42 31 00-0012	EA	3' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin	3,033.63	473.28
33 42 31 00-0013	EA	4' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin	3,876.47	645.38
33 42 31 00-0014	EA	5' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin	4,719.17	752.95
33 42 31 00-0015	EA	6' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin	5,388.69	860.51
33 42 31 00-0016		4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basins *(33 42 31 00-0003)*		
33 42 31 00-0017	EA	2' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin	2,632.55	387.23
33 42 31 00-0018	EA	3' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin	3,646.46	537.82
33 42 31 00-0019	EA	4' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin	4,458.98	699.16
33 42 31 00-0020	EA	5' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin	5,149.30	806.73
33 42 31 00-0021	EA	6' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin	6,532.09	1,032.61
33 42 31 00-0022		Cast In Place, Catch Basin *(33 42 31 00-0002)* Note: Inside span, overall depth. Includes concrete, forms, rebar (where required), finish and curing.		
33 42 31 00-0023		3' x 3', Cast In Place, Catch Basins *(33 42 31 00-0022)*		
33 42 31 00-0024	EA	3' Deep, 3' x 3' x 6" Thick Wall, Cast In Place, Catch Basin	2,389.62	431.76
33 42 31 00-0025	EA	3'-6" Deep, 3' x 3' x 6" Thick Wall, Cast In Place, Catch Basin	2,534.83	459.08
33 42 31 00-0026	EA	4' Deep, 3' x 3' x 6" Thick Wall, Cast In Place, Catch Basin	2,771.51	493.07
33 42 31 00-0027	EA	4'-6" Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	3,115.29	545.77
33 42 31 00-0028	EA	5' Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	3,361.31	580.95
33 42 31 00-0029	EA	5'-6" Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	3,520.81	609.24
33 42 31 00-0030	EA	6' Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	3,767.05	644.41
33 42 31 00-0031	EA	6'-6" Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	3,922.23	672.81
33 42 31 00-0032	EA	7' Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	4,170.81	707.88
33 42 31 00-0033	EA	7'-6" Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	4,327.95	736.28
33 42 31 00-0034	EA	8' Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	4,574.07	771.45
33 42 31 00-0035	VLF	>8' Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	571.78	96.37
33 42 31 00-0036		3'-6" x 3'-6", Cast In Place, Catch Basins *(33 42 31 00-0022)*		
33 42 31 00-0037	EA	3' Deep, 3'-6" x 3'-6" x 6" Thick Wall, Cast In Place, Catch Basin	2,749.94	499.10
33 42 31 00-0038	EA	3'-6" Deep, 3'-6" x 3'-6" x 6" Thick Wall, Cast In Place, Catch Basin	2,934.08	534.16
33 42 31 00-0039	EA	4' Deep, 3'-6" x 3'-6" x 6" Thick Wall, Cast In Place, Catch Basin	3,180.40	569.34
33 42 31 00-0040	EA	4'-6" Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	3,582.42	630.54
33 42 31 00-0041	EA	5' Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	3,852.53	670.33
33 42 31 00-0042	EA	5'-6" Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	4,035.89	703.36

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0043	EA	6' Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	4,310.09	743.16
33 42 31 00-0044	EA	6'-6" Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	4,493.46	776.18
33 42 31 00-0045	EA	7' Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	4,765.81	815.98
33 42 31 00-0046	EA	7'-6" Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	4,948.66	849.00
33 42 31 00-0047	EA	8' Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	5,221.13	888.80
33 42 31 00-0048	VLF	>8' Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	652.67	111.11
33 42 31 00-0049		**4' x 4', Cast In Place, Catch Basins** *(33 42 31 00-0022)*		
33 42 31 00-0050	EA	3' Deep, 4' x 4' x 6" Thick Wall, Cast In Place, Catch Basin	3,136.06	570.95
33 42 31 00-0051	EA	3'-6" Deep, 4' x 4' x 6" Thick Wall, Cast In Place, Catch Basin	3,329.85	607.20
33 42 31 00-0052	EA	4' Deep, 4' x 4' x 6" Thick Wall, Cast In Place, Catch Basin	3,612.76	650.11
33 42 31 00-0053	EA	4'-6" Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	4,073.65	719.92
33 42 31 00-0054	EA	5' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	4,371.82	764.35
33 42 31 00-0055	EA	5'-6" Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	4,580.81	802.10
33 42 31 00-0056	EA	6' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	4,878.99	846.52
33 42 31 00-0057	EA	6'-6" Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	5,088.47	884.28
33 42 31 00-0058	EA	7' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	5,386.65	928.70
33 42 31 00-0059	EA	7'-6" Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	5,595.62	966.46
33 42 31 00-0060	EA	8' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	5,893.80	1,010.99
33 42 31 00-0061	VLF	>8' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	736.69	126.39
33 42 31 00-0062		**4'-6" x 4'-6", Cast In Place, Catch Basins** *(33 42 31 00-0022)*		
33 42 31 00-0063	EA	3' Deep, 4'-6" x 4'-6" x 6" Thick Wall, Cast In Place, Catch Basin	3,638.44	662.05
33 42 31 00-0064	EA	3'-6" Deep, 4'-6" x 4'-6" x 6" Thick Wall, Cast In Place, Catch Basin	3,866.31	699.49
33 42 31 00-0065	EA	4' Deep, 4'-6" x 4'-6" x 6" Thick Wall, Cast In Place, Catch Basin	4,181.53	747.89
33 42 31 00-0066	EA	4'-6" Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	4,707.44	827.27
33 42 31 00-0067	EA	5' Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	5,040.44	877.40
33 42 31 00-0068	EA	5'-6" Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	5,284.34	920.75
33 42 31 00-0069	EA	6' Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	5,616.83	970.87
33 42 31 00-0070	EA	6'-6" Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	5,860.74	1,014.33
33 42 31 00-0071	EA	7' Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	6,193.74	1,064.45
33 42 31 00-0072	EA	7'-6" Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	6,435.28	1,107.80
33 42 31 00-0073	EA	8' Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	6,770.14	1,157.92
33 42 31 00-0074	VLF	>8' Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	846.32	144.78
33 42 31 00-0075		**5' x 5', Cast In Place, Catch Basins** *(33 42 31 00-0022)*		
33 42 31 00-0076	EA	4' Deep, 5' x 5' x 6" Thick Wall, Cast In Place, Catch Basin	4,682.15	839.75
33 42 31 00-0077	EA	4'-6" Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin	5,268.10	927.95
33 42 31 00-0078	EA	5' Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin	5,629.61	982.92
33 42 31 00-0079	EA	5'-6" Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin	5,899.67	1,031.10
33 42 31 00-0080	EA	6' Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin	6,256.96	1,085.97
33 42 31 00-0081	EA	6'-6" Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin	6,529.38	1,134.15
33 42 31 00-0082	EA	7' Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin	6,888.52	1,189.11
33 42 31 00-0083	EA	7'-6" Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin	7,156.73	1,237.30
33 42 31 00-0084	EA	8' Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin	7,518.24	1,292.16
33 42 31 00-0085	VLF	>8' Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin	1,320.83	161.56
33 42 31 00-0086		**5'-6" x 5'-6", Cast In Place, Catch Basins** *(33 42 31 00-0022)*		
33 42 31 00-0087	EA	4' Deep, 5'-6" x 5'-6" x 6" Thick Wall, Cast In Place, Catch Basin	5,207.24	936.45
33 42 31 00-0088	EA	4'-6" Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin	6,086.80	1,060.05
33 42 31 00-0089	EA	5' Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin	6,489.26	1,121.14
33 42 31 00-0090	EA	5'-6" Deep, 5'-6" x 5' x 8" Thick Wall, Cast In Place, Catch Basin	6,800.26	1,175.89
33 42 31 00-0091	EA	6' Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin	7,204.56	1,237.42
33 42 31 00-0092	EA	6'-6" Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin	7,517.91	1,292.16
33 42 31 00-0093	EA	7' Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin	7,920.37	1,353.69
33 42 31 00-0094	EA	7'-6" Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin	8,231.37	1,408.44
33 42 31 00-0095	EA	8' Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin	8,633.82	1,469.97
33 42 31 00-0096	VLF	>8' Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin	1,079.23	183.72
33 42 31 00-0097		**6' x 6', Cast In Place, Catch Basins** *(33 42 31 00-0022)*		
33 42 31 00-0098	EA	4' Deep, 6' x 6' x 6" Thick Wall, Cast In Place, Catch Basin	5,760.44	1,037.66
33 42 31 00-0099	EA	4'-6" Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	6,730.25	1,173.30
33 42 31 00-0100	EA	5' Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	7,161.86	1,239.78
33 42 31 00-0101	EA	5'-6" Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	7,502.51	1,299.48
33 42 31 00-0102	EA	6' Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	7,931.76	1,365.95
33 42 31 00-0103	EA	6'-6" Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	8,274.28	1,425.65
33 42 31 00-0104	EA	7' Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	8,704.03	1,492.13
33 42 31 00-0105	EA	7'-6" Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	9,044.19	1,551.82
33 42 31 00-0106	EA	8' Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	9,475.80	1,618.29
33 42 31 00-0107	VLF	>8' Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	1,184.53	202.33
33 42 31 00-0108		**6'-6" x 6'-6", Cast In Place, Catch Basins** *(33 42 31 00-0022)*		
33 42 31 00-0109	EA	4' Deep, 6'-6" x 6'-6" x 6" Thick Wall, Cast In Place, Catch Basin	6,337.48	1,143.72
33 42 31 00-0110	EA	4'-6" Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin	7,695.72	1,325.08

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0111	EA	5' Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin	8,172.68	1,398.65
33 42 31 00-0112	EA	5'-6" Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin	8,560.42	1,465.45
33 42 31 00-0113	EA	6' Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin	9,037.38	1,538.91
33 42 31 00-0114	EA	6'-6" Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin	9,425.13	1,605.82
33 42 31 00-0115	EA	7' Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin	9,902.09	1,679.28
33 42 31 00-0116	EA	7'-6" Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin	10,289.85	1,746.08
33 42 31 00-0117	EA	8' Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin	10,768.65	1,819.65
33 42 31 00-0118	VLF	>8' Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin	1,346.04	227.49

33 42 31 00-0119 7' x 7', Cast In Place, Catch Basins *(33 42 31 00-0022)*

33 42 31 00-0120	EA	4' Deep, 7' x 7' x 6" Thick Wall, Cast In Place, Catch Basin	6,940.98	1,254.41
33 42 31 00-0121	EA	4'-6" Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin	8,429.24	1,452.32
33 42 31 00-0122	EA	5' Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin	8,936.00	1,531.06
33 42 31 00-0123	EA	5'-6" Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin	9,351.80	1,602.92
33 42 31 00-0124	EA	6' Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin	9,860.81	1,681.54
33 42 31 00-0125	EA	6'-6" Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin	10,276.62	1,753.50
33 42 31 00-0126	EA	7' Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin	10,783.38	1,832.13
33 42 31 00-0127	EA	7'-6" Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin	11,201.54	1,904.09
33 42 31 00-0128	EA	8' Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin	11,708.19	1,982.72
33 42 31 00-0129	VLF	>8' Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin	1,463.58	247.82

33 42 31 00-0130 7'-6" x 7'-6", Cast In Place, Catch Basins *(33 42 31 00-0022)*

33 42 31 00-0131	EA	4' Deep, 7'-6" x 7'-6" x 6" Thick Wall, Cast In Place, Catch Basin	7,906.58	1,407.90
33 42 31 00-0132	EA	4'-6" Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin	9,192.68	1,584.73
33 42 31 00-0133	EA	5' Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin	9,727.38	1,668.53
33 42 31 00-0134	EA	5'-6" Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin	10,175.35	1,745.54
33 42 31 00-0135	EA	6' Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin	10,712.30	1,829.33
33 42 31 00-0136	EA	6'-6" Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin	11,160.27	1,906.35
33 42 31 00-0137	EA	7' Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin	11,694.97	1,990.14
33 42 31 00-0138	EA	7'-6" Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin	12,142.94	2,067.16
33 42 31 00-0139	EA	8' Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin	12,680.01	2,150.95
33 42 31 00-0140	VLF	>8' Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin	1,584.96	268.91

33 42 31 00-0141 8' x 8', Cast In Place, Catch Basins *(33 42 31 00-0022)*

33 42 31 00-0142	EA	4' Deep, 8' x 8' x 6" Thick Wall, Cast In Place, Catch Basin	8,594.42	1,531.82
33 42 31 00-0143	EA	4'-6" Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	9,983.92	1,722.31
33 42 31 00-0144	EA	5' Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	10,549.05	1,811.15
33 42 31 00-0145	EA	5'-6" Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	11,026.82	1,893.33
33 42 31 00-0146	EA	6' Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	11,591.84	1,982.18
33 42 31 00-0147	EA	6'-6" Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	12,064.88	2,064.36
33 42 31 00-0148	EA	7' Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	12,634.62	2,153.21
33 42 31 00-0149	EA	7'-6" Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	13,112.39	2,235.39
33 42 31 00-0150	EA	8' Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	13,667.85	2,324.23
33 42 31 00-0151	VLF	>8' Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	1,709.68	290.53

33 42 31 00-0152 Precast Concrete Catch Basins *(33 42 31 00-0002)*

Note: Inside dimensions.

33 42 31 00-0153 1'-6" Diameter Precast Catch Basins *(33 42 31 00-0152)*

33 42 31 00-0154	EA	4' Deep, 1'-6" Diameter Precast Catch Basins	761.94	239.65
33 42 31 00-0155	EA	6' Deep, 1'-6" Diameter Precast Catch Basins	1,061.76	359.48
33 42 31 00-0156	EA	8' Deep, 1'-6" Diameter Precast Catch Basins	1,347.06	467.32
33 42 31 00-0157	EA	10' Deep, 1'-6" Diameter Precast Catch Basins	1,612.44	552.40
33 42 31 00-0158	EA	12' Deep, 1'-6" Diameter Precast Catch Basins	1,987.29	700.98
33 42 31 00-0159	EA	14' Deep, 1'-6" Diameter Precast Catch Basins	2,273.98	808.83
33 42 31 00-0160	VLF	Vertical Linear Foot Over 14' Deep, 1'-6" Diameter Precast Catch Basins	158.53	53.92

33 42 31 00-0161 2' Diameter Precast Catch Basins *(33 42 31 00-0152)*

33 42 31 00-0162	EA	4' Deep, 2' Diameter Precast Catch Basin	867.75	266.61
33 42 31 00-0163	EA	6' Deep, 2' Diameter Precast Catch Basin	1,202.57	395.43
33 42 31 00-0164	EA	8' Deep, 2' Diameter Precast Catch Basin	1,519.69	521.25
33 42 31 00-0165	EA	10' Deep, 2' Diameter Precast Catch Basin	1,813.16	608.12
33 42 31 00-0166	EA	12' Deep, 2' Diameter Precast Catch Basin	2,248.41	778.87
33 42 31 00-0167	EA	14' Deep, 2' Diameter Precast Catch Basin	2,569.53	898.70
33 42 31 00-0168	VLF	Vertical Linear Foot Over 14' Deep, 2' Diameter Precast Catch Basin	179.19	64.71

33 42 31 00-0169 3' Diameter Precast Catch Basins *(33 42 31 00-0152)*

33 42 31 00-0170	EA	4' Deep, 3' Diameter Precast Catch Basin	1,142.27	314.54
33 42 31 00-0171	EA	6' Deep, 3' Diameter Precast Catch Basin	1,561.80	464.93
33 42 31 00-0172	EA	8' Deep, 3' Diameter Precast Catch Basin	1,964.52	614.11
33 42 31 00-0173	EA	10' Deep, 3' Diameter Precast Catch Basin	2,446.62	766.89
33 42 31 00-0174	EA	12' Deep, 3' Diameter Precast Catch Basin	2,890.89	914.28
33 42 31 00-0175	EA	14' Deep, 3' Diameter Precast Catch Basin	3,320.20	1,064.06
33 42 31 00-0176	VLF	Vertical Linear Foot Over 14' Deep, 3' Diameter Precast Catch Basin	228.63	76.00

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0177		**4' Diameter Precast Catch Basins** *(33 42 31 00-0152)*		
33 42 31 00-0178	EA	4' Deep, 4' Diameter Precast Catch Basin	1,379.44	349.89
33 42 31 00-0179	EA	6' Deep, 4' Diameter Precast Catch Basin	1,795.98	479.31
33 42 31 00-0180	EA	8' Deep, 4' Diameter Precast Catch Basin	2,410.98	718.96
33 42 31 00-0181	EA	10' Deep, 4' Diameter Precast Catch Basin	3,008.65	898.70
33 42 31 00-0182	EA	12' Deep, 4' Diameter Precast Catch Basin	3,557.64	1,078.44
33 42 31 00-0183	EA	14' Deep, 4' Diameter Precast Catch Basin	4,090.02	1,258.18
33 42 31 00-0184	VLF	Vertical Linear Foot Over 14' Deep, 4' Diameter Precast Catch Basin	280.95	89.87
33 42 31 00-0185		**5' Diameter Precast Catch Basins** *(33 42 31 00-0152)*		
33 42 31 00-0186	EA	4' Deep, 5' Diameter Precast Catch Basin	1,857.71	479.31
33 42 31 00-0187	EA	6' Deep, 5' Diameter Precast Catch Basin	2,548.16	718.96
33 42 31 00-0188	EA	8' Deep, 5' Diameter Precast Catch Basin	3,242.15	958.61
33 42 31 00-0189	EA	10' Deep, 5' Diameter Precast Catch Basin	3,966.71	1,198.27
33 42 31 00-0190	EA	12' Deep, 5' Diameter Precast Catch Basin	4,681.09	1,437.92
33 42 31 00-0191	EA	14' Deep, 5' Diameter Precast Catch Basin	5,449.14	1,677.57
33 42 31 00-0192	VLF	Vertical Linear Foot Over 14' Deep, 5' Diameter Precast Catch Basin	373.83	119.83
33 42 31 00-0193		**6' Diameter Precast Catch Basins** *(33 42 31 00-0152)*		
33 42 31 00-0194	EA	4' Deep, 6' Diameter Precast Catch Basin	2,719.63	718.96
33 42 31 00-0195	EA	6' Deep, 6' Diameter Precast Catch Basin	3,694.81	1,078.44
33 42 31 00-0196	EA	8' Deep, 6' Diameter Precast Catch Basin	4,736.59	1,437.92
33 42 31 00-0197	EA	10' Deep, 6' Diameter Precast Catch Basin	5,903.59	1,797.40
33 42 31 00-0198	EA	12' Deep, 6' Diameter Precast Catch Basin	7,036.30	2,156.88
33 42 31 00-0199	EA	14' Deep, 6' Diameter Precast Catch Basin	8,144.08	2,516.36
33 42 31 00-0200	VLF	Vertical Linear Foot Over 14' Deep, 6' Diameter Precast Catch Basin	557.35	179.74
33 42 31 00-0201		**Precast Catch Basins Accessories** *(33 42 31 00-0152)*		
33 42 31 00-0202	EA	Single Or Double Wing Slab Top With Throat	1,667.98	778.87
33 42 31 00-0203	EA	4' x 4' Weir Box, Precast Catch Basin	745.87	95.86
33 42 31 00-0204	EA	4' Diameter Inlet Round To Square Adapter, Precast Catch Basin	423.26	101.86
33 42 31 00-0205	EA	3' Diameter, Up To 6" High, Precast Extension Ring	529.42	149.78
		For Each Additional Inch In Height, Add	*63.25*	
33 42 31 00-0206	EA	4' Diameter, Up To 6" High, Precast Extension Ring	624.74	179.74
		For Each Additional Inch In Height, Add	*74.14*	
33 42 31 00-0207	EA	5' Diameter, Up To 6" High, Precast Extension Ring	728.66	209.70
		For Each Additional Inch In Height, Add	*86.53*	
33 42 31 00-0208	EA	6' Diameter, Up To 6" High, Precast Extension Ring	915.13	299.57
		For Each Additional Inch In Height, Add	*102.64*	
33 42 31 00-0209	EA	Adjust Existing Catch Basin Inlet Grate To Match Grade	718.91	
33 42 31 00-0210		**Catch Basin Risers** *(33 42 31 00-0152)*		
33 42 31 00-0211	EA	Up To 860 Square Inch, Up to 2" Rise, Catch Basin Riser	434.18	
33 42 31 00-0212	EA	>860 To 1140 Square Inch, Up To 2" Rise, Catch Basin Riser	484.24	
33 42 31 00-0213	EA	>1140 Square Inch, Up To 2" Rise, Catch Basin Riser	543.76	
33 42 31 00-0214	EA	Up To 860 Square Inch, >2" To 3" Rise, Catch Basin Riser	467.35	
33 42 31 00-0215	EA	>860 To 1140 Square Inch, >2" To 3" Rise, Catch Basin Riser	520.79	
33 42 31 00-0216	EA	>1140 Square Inch, >2" To 3" Rise, Catch Basin Riser	586.73	
33 42 31 00-0217	EA	Up To 860 Square Inch, >3" To 4" Rise, Catch Basin Riser	516.77	
33 42 31 00-0218	EA	>860 To 1140 Square Inch, >3" To 4" Rise, Catch Basin Riser	564.25	
33 42 31 00-0219	EA	>1140 Square Inch, >3" To 4" Rise, Catch Basin Riser	630.43	
33 42 31 00-0220		**Cast In Place, Storm Drain Cleanout** *(33 42 31 00-0002)*		
		Note: Inside span.		
33 42 31 00-0221	EA	6' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Storm Drain Cleanout	5,029.41	851.69
33 42 31 00-0222	EA	6' Deep, 4' x 5' x 8" Thick Wall, Cast In Place, Storm Drain Cleanout	5,753.39	971.94
33 42 31 00-0223	EA	6' Deep, 4' x 6' x 8" Thick Wall, Cast In Place, Storm Drain Cleanout	6,575.33	1,103.06
33 42 31 00-0224	EA	7' Deep, 4' x 7' x 8" Thick Wall, Cast In Place, Storm Drain Cleanout	7,886.47	1,323.25
33 42 31 00-0225	EA	8' Deep, 4' x 8' x 8" Thick Wall, Cast In Place, Storm Drain Cleanout	9,614.94	1,597.54
33 42 31 00-0226		**Precast Concrete Inlet Boxes** *(33 42 31 00-0002)*		
		Note: Inside dimensions.		
33 42 31 00-0227		**Precast Concrete Inlet Boxes** *(33 42 31 00-0226)*		
33 42 31 00-0228		**24" x 24" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0227)*		
		Note: Yard inlet.		
33 42 31 00-0229		**24" x 24" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0228)*		
33 42 31 00-0230	EA	24" Height, 24" x 24" ID, Precast Concrete Inlet Box	926.52	83.88
33 42 31 00-0231	EA	30" Height, 24" x 24" ID, Precast Concrete Inlet Box	1,088.93	101.86
33 42 31 00-0232	EA	36" Height, 24" x 24" ID, Precast Concrete Inlet Box	1,251.34	119.83
33 42 31 00-0233	EA	42" Height, 24" x 24" ID, Precast Concrete Inlet Box	1,415.25	138.55

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0234		**24" x 24" ID, Precast Concrete Inlet Box Risers** *(33 42 31 00-0228)*		
33 42 31 00-0235	EA	6" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser	228.32	
33 42 31 00-0236	EA	12" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser	372.75	
33 42 31 00-0237	EA	18" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser	529.16	
33 42 31 00-0238	EA	24" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser	685.58	
33 42 31 00-0239	EA	30" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser	842.00	
33 42 31 00-0240	EA	36" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser	998.42	
33 42 31 00-0241		**22" x 48" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0227)*		
33 42 31 00-0242		**22" x 48" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0241)*		
33 42 31 00-0243	EA	36" Height, 22" x 48" ID, Precast Concrete Inlet Box	1,896.31	237.18
33 42 31 00-0244	EA	42" Height, 22" x 48" ID, Precast Concrete Inlet Box	2,132.49	274.24
33 42 31 00-0245	EA	48" Height, 22" x 48" ID, Precast Concrete Inlet Box	2,368.67	311.30
33 42 31 00-0246	EA	54" Height, 22" x 48" ID, Precast Concrete Inlet Box	2,605.02	348.45
33 42 31 00-0247	EA	60" Height, 22" x 48" ID, Precast Concrete Inlet Box	2,841.38	385.59
33 42 31 00-0248	EA	66" Height, 22" x 48" ID, Precast Concrete Inlet Box	3,077.73	422.74
33 42 31 00-0249	EA	72" Height, 22" x 48" ID, Precast Concrete Inlet Box	3,314.09	459.89
33 42 31 00-0250		**22" x 48" ID, Precast Concrete Inlet Box Risers** *(33 42 31 00-0241)*		
33 42 31 00-0251	EA	6" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	446.76	
33 42 31 00-0252	EA	12" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	725.78	
33 42 31 00-0253	EA	18" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	785.75	
33 42 31 00-0254	EA	24" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	1,007.72	
33 42 31 00-0255	EA	30" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	1,229.69	
33 42 31 00-0256	EA	36" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	1,446.72	
33 42 31 00-0257	EA	42" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	1,682.90	
33 42 31 00-0258	EA	48" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	1,919.08	
33 42 31 00-0259	EA	54" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	2,155.43	
33 42 31 00-0260	EA	60" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	2,391.79	
33 42 31 00-0261	EA	66" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	2,628.14	
33 42 31 00-0262	EA	72" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	2,864.50	
33 42 31 00-0263		**30" x 48" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0227)*		
33 42 31 00-0264		**30" x 48" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0263)*		
33 42 31 00-0265	EA	36" Height, 30" x 48" ID, Precast Concrete Inlet Box	1,825.35	260.90
33 42 31 00-0266	EA	42" Height, 30" x 48" ID, Precast Concrete Inlet Box	2,061.56	301.67
33 42 31 00-0267	EA	48" Height, 30" x 48" ID, Precast Concrete Inlet Box	2,297.78	342.42
33 42 31 00-0268	EA	54" Height, 30" x 48" ID, Precast Concrete Inlet Box	2,534.19	383.29
33 42 31 00-0269	EA	60" Height, 30" x 48" ID, Precast Concrete Inlet Box	2,770.61	424.16
33 42 31 00-0270	EA	66" Height, 30" x 48" ID, Precast Concrete Inlet Box	3,007.01	465.01
33 42 31 00-0271	EA	72" Height, 30" x 48" ID, Precast Concrete Inlet Box	3,243.43	505.88
33 42 31 00-0272		**30" x 48" ID, Precast Concrete Inlet Box Risers** *(33 42 31 00-0263)*		
33 42 31 00-0273	EA	6" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	444.30	
33 42 31 00-0274	EA	12" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	713.08	
33 42 31 00-0275	EA	18" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	774.77	
33 42 31 00-0276	EA	24" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	992.30	
33 42 31 00-0277	EA	30" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	1,209.84	
33 42 31 00-0278	EA	36" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	1,426.20	
33 42 31 00-0279	EA	42" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	1,659.14	
33 42 31 00-0280	EA	48" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	1,890.92	
33 42 31 00-0281	EA	54" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	2,123.87	
33 42 31 00-0282	EA	60" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	2,355.64	
33 42 31 00-0283	EA	66" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	2,588.60	
33 42 31 00-0284	EA	72" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	2,821.55	
33 42 31 00-0285		**42" x 48" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0227)*		
33 42 31 00-0286		**42" x 48" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0285)*		
33 42 31 00-0287	EA	36" Height, 42" x 48" ID, Precast Concrete Inlet Box	2,173.67	284.62
33 42 31 00-0288	EA	42" Height, 42" x 48" ID, Precast Concrete Inlet Box	2,451.22	330.86
33 42 31 00-0289	EA	48" Height, 42" x 48" ID, Precast Concrete Inlet Box	2,728.77	378.30
33 42 31 00-0290	EA	54" Height, 42" x 48" ID, Precast Concrete Inlet Box	3,005.11	424.55
33 42 31 00-0291	EA	60" Height, 42" x 48" ID, Precast Concrete Inlet Box	3,282.65	471.99
33 42 31 00-0292	EA	66" Height, 42" x 48" ID, Precast Concrete Inlet Box	3,560.20	518.23
33 42 31 00-0293	EA	72" Height, 42" x 48" ID, Precast Concrete Inlet Box	3,836.55	564.49
33 42 31 00-0294		**42" x 48" ID, Precast Concrete Inlet Box Risers** *(33 42 31 00-0285)*		
33 42 31 00-0295	EA	6" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	491.61	
33 42 31 00-0296	EA	12" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	805.34	
33 42 31 00-0297	EA	18" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	868.79	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0298	EA	24" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	1,116.09	
33 42 31 00-0299	EA	30" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	1,363.40	
33 42 31 00-0300	EA	36" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	1,610.70	
33 42 31 00-0301	EA	42" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	1,874.01	
33 42 31 00-0302	EA	48" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	2,137.32	
33 42 31 00-0303	EA	54" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	2,400.63	
33 42 31 00-0304	EA	60" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	2,663.94	
33 42 31 00-0305	EA	66" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	2,927.25	
33 42 31 00-0306	EA	72" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	3,190.57	
33 42 31 00-0307		42" x 48" ID, Precast Concrete Inlet Box Tops *(33 42 31 00-0285)*		
33 42 31 00-0308	EA	42" x 48" ID, Precast Concrete Inlet Box Top Slab	1,231.37	177.88
33 42 31 00-0309		48" x 54" ID, Precast Concrete Inlet Boxes *(33 42 31 00-0227)*		
33 42 31 00-0310		48" x 54" ID, Precast Concrete Inlet Boxes *(33 42 31 00-0309)*		
33 42 31 00-0311	EA	36" Height, 48" x 54" ID, Precast Concrete Inlet Box	3,093.23	316.24
33 42 31 00-0312	EA	42" Height, 48" x 54" ID, Precast Concrete Inlet Box	3,465.28	368.22
33 42 31 00-0313	EA	48" Height, 48" x 54" ID, Precast Concrete Inlet Box	3,837.34	420.20
33 42 31 00-0314	EA	54" Height, 48" x 54" ID, Precast Concrete Inlet Box	4,209.01	471.99
33 42 31 00-0315	EA	60" Height, 48" x 54" ID, Precast Concrete Inlet Box	4,580.70	523.78
33 42 31 00-0316	EA	66" Height, 48" x 54" ID, Precast Concrete Inlet Box	4,952.37	575.58
33 42 31 00-0317	EA	72" Height, 48" x 54" ID, Precast Concrete Inlet Box	5,324.05	627.36
33 42 31 00-0318		48" x 54" ID, Precast Concrete Inlet Box Risers *(33 42 31 00-0309)*		
33 42 31 00-0319	EA	6" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	493.42	
33 42 31 00-0320	EA	12" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	793.14	
33 42 31 00-0321	EA	18" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	1,160.05	
33 42 31 00-0322	EA	24" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	1,526.97	
33 42 31 00-0323	EA	30" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	1,874.14	
33 42 31 00-0324	EA	36" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	2,241.06	
33 42 31 00-0325	EA	42" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	2,613.11	
33 42 31 00-0326	EA	48" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	2,985.17	
33 42 31 00-0327	EA	54" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	3,356.85	
33 42 31 00-0328	EA	60" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	3,728.53	
33 42 31 00-0329	EA	66" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	4,100.20	
33 42 31 00-0330	EA	72" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	4,471.88	
33 42 31 00-0331		48" x 54" ID, Precast Concrete Inlet Box Tops *(33 42 31 00-0309)*		
33 42 31 00-0332	EA	48" x 54" ID, Precast Concrete Inlet Box Top Slab	1,338.38	192.70
33 42 31 00-0333		48" x 66" ID, Precast Concrete Inlet Boxes *(33 42 31 00-0227)*		
33 42 31 00-0334		48" x 66" ID, Precast Concrete Inlet Boxes *(33 42 31 00-0333)*		
33 42 31 00-0335	EA	36" Height, 48" x 66" ID, Precast Concrete Inlet Box	3,562.32	398.46
33 42 31 00-0336	EA	42" Height, 48" x 66" ID, Precast Concrete Inlet Box	3,970.42	465.03
33 42 31 00-0337	EA	48" Height, 48" x 66" ID, Precast Concrete Inlet Box	4,378.50	531.61
33 42 31 00-0338	EA	54" Height, 48" x 66" ID, Precast Concrete Inlet Box	4,785.86	597.81
33 42 31 00-0339	EA	60" Height, 48" x 66" ID, Precast Concrete Inlet Box	5,193.22	664.02
33 42 31 00-0340	EA	66" Height, 48" x 66" ID, Precast Concrete Inlet Box	5,600.57	730.22
33 42 31 00-0341	EA	72" Height, 48" x 66" ID, Precast Concrete Inlet Box	6,007.92	796.43
33 42 31 00-0342		48" x 66" ID, Precast Concrete Inlet Box Risers *(33 42 31 00-0333)*		
33 42 31 00-0343	EA	6" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	540.58	
33 42 31 00-0344	EA	12" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	848.74	
33 42 31 00-0345	EA	18" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	1,256.50	
33 42 31 00-0346	EA	24" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	1,664.26	
33 42 31 00-0347	EA	30" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	2,038.82	
33 42 31 00-0348	EA	36" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	2,446.58	
33 42 31 00-0349	EA	42" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	2,854.67	
33 42 31 00-0350	EA	48" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	3,262.76	
33 42 31 00-0351	EA	54" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	3,670.12	
33 42 31 00-0352	EA	60" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	4,077.47	
33 42 31 00-0353	EA	66" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	4,484.83	
33 42 31 00-0354	EA	72" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	4,892.18	
33 42 31 00-0355		48" x 66" ID, Precast Concrete Inlet Box Tops *(33 42 31 00-0333)*		
33 42 31 00-0356	EA	48" x 66" ID, Precast Concrete Inlet Box Top Slab	1,487.80	215.83
33 42 31 00-0357		42" x 102" ID, Precast Concrete Inlet Boxes *(33 42 31 00-0227)*		
33 42 31 00-0358		42" x 102" ID, Precast Concrete Inlet Boxes *(33 42 31 00-0357)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0359	EA	36" Height, 42" x 102" ID, Precast Concrete Inlet Box	4,457.45	537.21
33 42 31 00-0360	EA	42" Height, 42" x 102" ID, Precast Concrete Inlet Box	4,973.37	626.15
33 42 31 00-0361	EA	48" Height, 42" x 102" ID, Precast Concrete Inlet Box	5,489.31	713.91
33 42 31 00-0362	EA	54" Height, 42" x 102" ID, Precast Concrete Inlet Box	6,004.06	802.85
33 42 31 00-0363	EA	60" Height, 42" x 102" ID, Precast Concrete Inlet Box	6,520.00	890.61
33 42 31 00-0364	EA	66" Height, 42" x 102" ID, Precast Concrete Inlet Box	7,034.75	978.36
33 42 31 00-0365	EA	72" Height, 42" x 102" ID, Precast Concrete Inlet Box	7,551.87	1,067.30
33 42 31 00-0366		**42" x 102" ID, Precast Concrete Inlet Box Risers** *(33 42 31 00-0357)*		
33 42 31 00-0367	EA	6" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	722.29	
33 42 31 00-0368	EA	12" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	1,114.88	
33 42 31 00-0369	EA	18" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	1,622.51	
33 42 31 00-0370	EA	24" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	2,130.15	
33 42 31 00-0371	EA	30" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	2,603.39	
33 42 31 00-0372	EA	36" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	3,111.02	
33 42 31 00-0373	EA	42" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	3,626.95	
33 42 31 00-0374	EA	48" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	4,142.89	
33 42 31 00-0375	EA	54" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	4,657.63	
33 42 31 00-0376	EA	60" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	5,173.58	
33 42 31 00-0377	EA	66" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	5,688.32	
33 42 31 00-0378	EA	72" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	6,204.26	
33 42 31 00-0379		**42" x 102" ID, Precast Concrete Inlet Box Tops** *(33 42 31 00-0357)*		
33 42 31 00-0380	EA	42" x 102" ID, Precast Concrete Inlet Box Top Slab	2,035.15	237.18
33 42 31 00-0381		**Frames And Grates For Inlets** *(33 42 31 00-0226)*		
33 42 31 00-0382		**Inlet Frames And Grates** *(33 42 31 00-0381)*		
33 42 31 00-0383	EA	24" x 24", Heavy-Duty Inlet Grate Note: For type A, B, D, or E inlets.	432.28	56.10
33 42 31 00-0384	EA	47-3/4" x 21-3/4", Bicycle Safe Inlet Grate (US Foundry 6352 GRT) Note: For type A, B, D, or E inlets.	559.53	56.10
33 42 31 00-0385	EA	47-3/4" x 21-3/4", Phase II Stormwater Compliant Inlet Grate (US Foundry 6352 GRT) Note: Includes legend: Dump No Waste "Drains To Waterways".	559.53	56.10
33 42 31 00-0386	EA	Phase II Storm Water Compliant Grate, Echo Grate, Type "B" And "D" Inlet Covers (US Foundry 6352 GRT Note: Legend: Dump No Waste "Drains to Waterways"	559.53	56.10
33 42 31 00-0387	EA	Parallel Bar Grates For Type A, B, D And E Inlets (Campbell Foundry 2617-0362)	612.79	56.10
33 42 31 00-0388	EA	Type B Inlet Dirt Plate (US Foundry 5217 BK)	458.71	112.20
33 42 31 00-0389	EA	Back Plate For Type B Inlets (Campbell Foundry 2548-1942)	533.26	112.20
33 42 31 00-0390	EA	Phase II Echo-Safe Bar For Series 2500/2600 Curb Inlets (Campbell Foundry 25419EC4) Note: Includes cam action clamping system, stainless steel badge labeled to center of plate, steel plate welded to bar with legend: Dump No Waste "Drains to Waterways".	663.92	140.24
33 42 31 00-0391	EA	1-1/2" Catch Basin Riser For Type B And D Inlets (General Foundries 6352 EXT)	568.06	140.24
33 42 31 00-0392	EA	2" Catch Basin Riser For Type B And D Inlets (General Foundries 6352 EXT)	578.71	140.24
33 42 31 00-0393	EA	2-1/2" Catch Basin Riser For Type B And D Inlets (General Foundries 6352 EXT)	600.01	140.24
33 42 31 00-0394	EA	3" Catch Basin Riser For Type B And D Inlets (General Foundries 6352 EXT)	621.31	140.24
33 42 31 00-0395	EA	2" Extension Frame For Type A Inlet (General Foundries 6352 EXT)	600.01	140.24
33 42 31 00-0396	EA	2-1/2" Extension Frame For Type A Inlet (General Foundries 6352 EXT)	621.31	140.24
33 42 31 00-0397	EA	3" Extension Frame For Type A Inlet (General Foundries 6352 EXT)	642.62	140.24
33 42 31 00-0398	EA	2" Extension Frame For Type E Inlet (General Foundries 6352 EXT)	919.53	140.24
33 42 31 00-0399	EA	2-1/2" Extension Frame For Type E Inlet (General Foundries 6352 EXT)	962.14	140.24
33 42 31 00-0400	EA	3" Extension Frame For Type E Inlet (General Foundries 6352 EXT)	1,004.74	140.24
33 42 31 00-0401	EA	2", 3 Sided Extension Frame For Type A, B, D, And E Inlet (Campbell Foundry 2701)	685.22	140.24
33 42 31 00-0402	EA	6" Type N Curb Back Piece For Type B And D Inlets (US Foundry 5218N6)	621.31	140.24
33 42 31 00-0403	EA	8" Type N Curb Back Piece For Type B And D Inlets (US Foundry 5218N8)	621.31	140.24
33 42 31 00-0404	EA	6" Radius Curb Back Piece For Type B And D Inlets (Campbell Foundry BSCB-6)	1,262.23	140.24
33 42 31 00-0405	EA	8" Radius Curb Back Piece For Type B And D Inlets (Campbell Foundry BSCB-8)	1,262.23	140.24
33 42 31 00-0406	EA	Safety Bars For Type B And D Inlets (General Foundries 5218 SB)	521.55	154.27
33 42 31 00-0407	EA	6", Phase II Echo-Safe Catch Basin Curb Inlet Cover (Campbell Foundry ERSS 648) Note: Includes cam action clamping system and stainless steel badge labeled to center of plate.	723.91	154.27
33 42 31 00-0408	EA	8", Phase II Echo-Safe Catch Basin Curb Inlet Cover (Campbell Foundry ERSS 848) Note: Includes cam action clamping system and stainless steel badge labeled to center of plate.	723.91	154.27
33 42 31 00-0409	EA	10", Phase II Echo-Safe Catch Basin Curb Inlet Cover (Campbell Foundry ERSS 1048) Note: Includes cam action clamping system and stainless steel badge labeled to center of plate.	798.46	154.27
33 42 31 00-0410	EA	Type B Inlet Frame (US Foundry 5216 FRM)	915.62	154.27
33 42 31 00-0411	EA	Type D Inlet Frame (US Foundry 2999 FRM)	787.81	154.27
33 42 31 00-0412	EA	Type B Inlet Frame (Campbell Foundry 2618-0202)	1,117.99	154.27
33 42 31 00-0413	EA	Type D Inlet Frame (Campbell Foundry 2617-0002)	990.18	154.27
33 42 31 00-0414	EA	Type A Inlet, Single Frame And Grate (US Foundry 52340)	1,279.53	224.39
33 42 31 00-0415	EA	Type E Inlet, Single Frame And Grate (US Foundry 52342)	2,046.38	224.39
33 42 31 00-0416	EA	Type A Inlet, Single Frame And Grate (General Foundries 52340)	1,247.58	224.39
33 42 31 00-0417	EA	Type E Inlet, Double Frame And Grate (General Foundries 52342)	1,946.27	224.39
33 42 31 00-0418	EA	Oversized Type A Inlet, Single Frame And Reticuline Grate (US Foundry 82340)	2,089.71	336.57
33 42 31 00-0419	EA	Heavy-Duty Rectangular Frame And Grate (Campbell Foundry 3084)	2,153.26	448.77
33 42 31 00-0420	EA	6" Curb Piece, Type B Inlet Frame And Grate (US Foundry 52186)	2,356.69	448.77
33 42 31 00-0421	EA	8" Curb Piece, Type B Inlet Frame And Grate (US Foundry 52198)	2,356.69	448.77
33 42 31 00-0422	EA	6" Curb Piece, Type D Inlet Frame And Grate (US Foundry 72266)	2,090.42	448.77
33 42 31 00-0423	EA	8" Curb Piece, Type D Inlet Frame And Grate (US Foundry 72268)	2,090.42	448.77

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0424	EA	Type B And C Inlet Frame And Grate With Type N Curb And Back Plate (Campbell Foundry GFI 52198)	2,441.90	448.77
33 42 31 00-0425		**Concrete Drainage Inlet Structures (CALTRANS)** *(33 42 31 00-0001)*		
33 42 31 00-0426		**Type OS Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0427	EA	3' Deep Type OS Concrete Drainage Inlet Structure, 6" Wall Thickness	2,917.16	
33 42 31 00-0428	EA	4' Deep Type OS Concrete Drainage Inlet Structure, 6" Wall Thickness	3,389.54	
33 42 31 00-0429	EA	5' Deep Type OS Concrete Drainage Inlet Structure, 6" Wall Thickness	3,828.32	
33 42 31 00-0430	EA	6' Deep Type OS Concrete Drainage Inlet Structure, 6" Wall Thickness	4,233.49	
33 42 31 00-0431	EA	7' Deep Type OS Concrete Drainage Inlet Structure, 6" Wall Thickness	4,605.06	
33 42 31 00-0432	EA	8' Deep Type OS Concrete Drainage Inlet Structure, 6" Wall Thickness	4,943.00	
33 42 31 00-0433	EA	8' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	6,726.00	
33 42 31 00-0434	EA	10' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	7,841.76	
33 42 31 00-0435	EA	12' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	8,871.86	
33 42 31 00-0436	EA	14' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	9,818.73	
33 42 31 00-0437	EA	16' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	10,730.71	
33 42 31 00-0438	EA	18' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	11,569.62	
33 42 31 00-0439	EA	20' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	12,335.48	
33 42 31 00-0440		**Type OL-7 Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0441	EA	3' Deep Type OL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,972.29	
33 42 31 00-0442	EA	4' Deep Type OL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,413.96	
33 42 31 00-0443	EA	5' Deep Type OL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,822.02	
33 42 31 00-0444	EA	6' Deep Type OL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,196.47	
33 42 31 00-0445	EA	7' Deep Type OL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,536.10	
33 42 31 00-0446	EA	8' Deep Type OL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,843.33	
33 42 31 00-0447	EA	8' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,573.37	
33 42 31 00-0448	EA	10' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,663.10	
33 42 31 00-0449	EA	12' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,667.18	
33 42 31 00-0450	EA	14' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,586.82	
33 42 31 00-0451	EA	16' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	11,476.31	
33 42 31 00-0452	EA	18' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	12,292.73	
33 42 31 00-0453	EA	20' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	13,036.08	
33 42 31 00-0454		**Type OL-10 Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0455	EA	3' Deep Type OL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,944.68	
33 42 31 00-0456	EA	4' Deep Type OL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,358.29	
33 42 31 00-0457	EA	5' Deep Type OL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,737.10	
33 42 31 00-0458	EA	6' Deep Type OL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,083.48	
33 42 31 00-0459	EA	7' Deep Type OL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,395.08	
33 42 31 00-0460	EA	8' Deep Type OL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,673.05	
33 42 31 00-0461	EA	8' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,420.75	
33 42 31 00-0462	EA	10' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,483.24	
33 42 31 00-0463	EA	12' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,462.50	
33 42 31 00-0464	EA	14' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	11,356.13	
33 42 31 00-0465	EA	16' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	12,221.91	
33 42 31 00-0466	EA	18' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	13,015.83	
33 42 31 00-0467	EA	20' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	13,735.49	
33 42 31 00-0468		**Type OL-14 Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0469	EA	3' Deep Type OL-14 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,330.84	
33 42 31 00-0470	EA	4' Deep Type OL-14 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,703.06	
33 42 31 00-0471	EA	5' Deep Type OL-14 Concrete Drainage Inlet Structure, 6" Wall Thickness	7,041.68	
33 42 31 00-0472	EA	6' Deep Type OL-14 Concrete Drainage Inlet Structure, 6" Wall Thickness	7,346.67	
33 42 31 00-0473	EA	7' Deep Type OL-14 Concrete Drainage Inlet Structure, 6" Wall Thickness	7,618.06	
33 42 31 00-0474	EA	8' Deep Type OL-14 Concrete Drainage Inlet Structure, 6" Wall Thickness	7,855.83	
33 42 31 00-0475	EA	8' Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,621.18	
33 42 31 00-0476	EA	10' Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,646.72	
33 42 31 00-0477	EA	12' Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness	11,587.81	
33 42 31 00-0478	EA	14' Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness	12,444.46	
33 42 31 00-0479	EA	16' Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness	13,279.47	
33 42 31 00-0480	EA	18' Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness	14,040.23	
33 42 31 00-0481	EA	20' Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness	14,727.91	
33 42 31 00-0482		**Type OL-21 Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0483	EA	3' Deep Type OL-21 Concrete Drainage Inlet Structure, 6" Wall Thickness	9,144.55	
33 42 31 00-0484	EA	4' Deep Type OL-21 Concrete Drainage Inlet Structure, 6" Wall Thickness	9,434.44	
33 42 31 00-0485	EA	5' Deep Type OL-21 Concrete Drainage Inlet Structure, 6" Wall Thickness	9,690.72	
33 42 31 00-0486	EA	6' Deep Type OL-21 Concrete Drainage Inlet Structure, 6" Wall Thickness	9,913.41	
33 42 31 00-0487	EA	7' Deep Type OL-21 Concrete Drainage Inlet Structure, 6" Wall Thickness	10,101.27	
33 42 31 00-0488	EA	8' Deep Type OL-21 Concrete Drainage Inlet Structure, 6" Wall Thickness	10,256.72	
33 42 31 00-0489	EA	8' Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness	11,969.12	
33 42 31 00-0490	EA	10' Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness	12,921.81	
33 42 31 00-0491	EA	12' Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness	13,790.06	
33 42 31 00-0492	EA	14' Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness	14,573.88	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0493	EA	16' Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness	15,345.83	
33 42 31 00-0494	EA	18' Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness	16,043.52	
33 42 31 00-0495	EA	20' Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness	16,668.15	
33 42 31 00-0496		**Type GOL-7 Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0497	EA	3' Deep Type GOL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,820.55	
33 42 31 00-0498	EA	4' Deep Type GOL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,308.09	
33 42 31 00-0499	EA	5' Deep Type GOL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,757.05	
33 42 31 00-0500	EA	6' Deep Type GOL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,167.44	
33 42 31 00-0501	EA	7' Deep Type GOL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,540.44	
33 42 31 00-0502	EA	8' Deep Type GOL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,876.06	
33 42 31 00-0503	EA	8' Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,756.16	
33 42 31 00-0504	EA	10' Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,969.85	
33 42 31 00-0505	EA	12' Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	11,088.61	
33 42 31 00-0506	EA	14' Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	12,111.22	
33 42 31 00-0507	EA	16' Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	13,102.05	
33 42 31 00-0508	EA	18' Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	14,010.69	
33 42 31 00-0509	EA	20' Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	14,835.96	
33 42 31 00-0510		**Type GOL-10 Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0511	EA	3' Deep Type GOL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,875.69	
33 42 31 00-0512	EA	4' Deep Type GOL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,331.31	
33 42 31 00-0513	EA	5' Deep Type GOL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,749.55	
33 42 31 00-0514	EA	6' Deep Type GOL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	7,130.42	
33 42 31 00-0515	EA	7' Deep Type GOL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	7,472.68	
33 42 31 00-0516	EA	8' Deep Type GOL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	7,776.39	
33 42 31 00-0517	EA	8' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,656.49	
33 42 31 00-0518	EA	10' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,841.86	
33 42 31 00-0519	EA	12' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	11,932.30	
33 42 31 00-0520	EA	14' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	12,927.78	
33 42 31 00-0521	EA	16' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	13,894.02	
33 42 31 00-0522	EA	18' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	14,778.09	
33 42 31 00-0523	EA	20' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	15,579.97	
33 42 31 00-0524		**Type G-1 Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0525	EA	3' Deep Type G-1 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,965.46	
33 42 31 00-0526	EA	4' Deep Type G-1 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,350.06	
33 42 31 00-0527	EA	5' Deep Type G-1 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,706.53	
33 42 31 00-0528	EA	6' Deep Type G-1 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,037.23	
33 42 31 00-0529	EA	7' Deep Type G-1 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,342.17	
33 42 31 00-0530	EA	8' Deep Type G-1 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,618.98	
33 42 31 00-0531		**Type G-2 Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0532	EA	3' Deep Type G-2 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,710.27	
33 42 31 00-0533	EA	4' Deep Type G-2 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,142.59	
33 42 31 00-0534	EA	5' Deep Type G-2 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,544.18	
33 42 31 00-0535	EA	6' Deep Type G-2 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,915.06	
33 42 31 00-0536	EA	7' Deep Type G-2 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,255.21	
33 42 31 00-0537	EA	8' Deep Type G-2 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,563.45	
33 42 31 00-0538	EA	8' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	6,178.75	
33 42 31 00-0539	EA	10' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,208.15	
33 42 31 00-0540	EA	12' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,159.93	
33 42 31 00-0541	EA	14' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,034.08	
33 42 31 00-0542	EA	16' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,876.11	
33 42 31 00-0543	EA	18' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,650.99	
33 42 31 00-0544	EA	20' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	11,357.53	
33 42 31 00-0545		**Type G-3 Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0546	EA	3' Deep Type G-3 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,130.96	
33 42 31 00-0547	EA	4' Deep Type G-3 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,510.24	
33 42 31 00-0548	EA	5' Deep Type G-3 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,862.57	
33 42 31 00-0549	EA	6' Deep Type G-3 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,189.13	
33 42 31 00-0550	EA	7' Deep Type G-3 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,487.54	
33 42 31 00-0551	EA	8' Deep Type G-3 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,760.21	
33 42 31 00-0552		**Type G-4_24 Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0553	EA	3' Deep Type G-4_24 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,627.50	
33 42 31 00-0554	EA	4' Deep Type G-4_24 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,062.50	
33 42 31 00-0555	EA	5' Deep Type G-4_24 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,466.76	
33 42 31 00-0556	EA	6' Deep Type G-4_24 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,839.11	
33 42 31 00-0557	EA	7' Deep Type G-4_24 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,181.93	
33 42 31 00-0558	EA	8' Deep Type G-4_24 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,492.83	
33 42 31 00-0559	EA	8' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	6,143.44	
33 42 31 00-0560	EA	10' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,174.79	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0561	EA	12' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,127.30	
33 42 31 00-0562	EA	14' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,002.18	
33 42 31 00-0563	EA	16' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,844.79	
33 42 31 00-0564	EA	18' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,620.27	
33 42 31 00-0565	EA	20' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	11,328.59	
33 42 31 00-0566		**Type G-4_18 Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0567	EA	3' Deep Type G-4_18 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,710.27	
33 42 31 00-0568	EA	4' Deep Type G-4_18 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,142.59	
33 42 31 00-0569	EA	5' Deep Type G-4_18 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,544.18	
33 42 31 00-0570	EA	6' Deep Type G-4_18 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,915.06	
33 42 31 00-0571	EA	7' Deep Type G-4_18 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,255.21	
33 42 31 00-0572	EA	8' Deep Type G-4_18 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,563.45	
33 42 31 00-0573	EA	8' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	6,178.75	
33 42 31 00-0574	EA	10' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,208.15	
33 42 31 00-0575	EA	12' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,159.93	
33 42 31 00-0576	EA	14' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,034.08	
33 42 31 00-0577	EA	16' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,876.11	
33 42 31 00-0578	EA	18' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,650.99	
33 42 31 00-0579	EA	20' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	11,357.53	
33 42 31 00-0580		**Type G-5 Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0581	EA	3' Deep Type G-5 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,110.28	
33 42 31 00-0582	EA	4' Deep Type G-5 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,489.92	
33 42 31 00-0583	EA	5' Deep Type G-5 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,843.81	
33 42 31 00-0584	EA	6' Deep Type G-5 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,169.53	
33 42 31 00-0585	EA	7' Deep Type G-5 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,469.52	
33 42 31 00-0586	EA	8' Deep Type G-5 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,742.55	
33 42 31 00-0587		**Type G-6 Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0588	EA	3' Deep Type G-6 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,151.66	
33 42 31 00-0589	EA	4' Deep Type G-6 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,530.56	
33 42 31 00-0590	EA	5' Deep Type G-6 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,882.51	
33 42 31 00-0591	EA	6' Deep Type G-6 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,207.52	
33 42 31 00-0592	EA	7' Deep Type G-6 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,505.57	
33 42 31 00-0593	EA	8' Deep Type G-6 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,777.86	
33 42 31 00-0594		**Type GT1 Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0595	EA	3' Deep Type GT1 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,599.89	
33 42 31 00-0596	EA	4' Deep Type GT1 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,192.82	
33 42 31 00-0597	EA	5' Deep Type GT1 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,784.29	
33 42 31 00-0598	EA	6' Deep Type GT1 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,252.84	
33 42 31 00-0599	EA	7' Deep Type GT1 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,718.71	
33 42 31 00-0600	EA	8' Deep Type GT1 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,143.44	
33 42 31 00-0601		**Type GT2 Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0602	EA	3' Deep Type GT2 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,365.39	
33 42 31 00-0603	EA	4' Deep Type GT2 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,010.92	
33 42 31 00-0604	EA	5' Deep Type GT2 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,608.99	
33 42 31 00-0605	EA	6' Deep Type GT2 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,160.80	
33 42 31 00-0606	EA	7' Deep Type GT2 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,665.14	
33 42 31 00-0607	EA	8' Deep Type GT2 Concrete Drainage Inlet Structure, 6" Wall Thickness	7,123.20	
33 42 31 00-0608	EA	8' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,532.92	
33 42 31 00-0609	EA	10' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness	11,050.61	
33 42 31 00-0610	EA	12' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness	12,452.03	
33 42 31 00-0611	EA	14' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness	13,738.42	
33 42 31 00-0612	EA	16' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness	14,979.42	
33 42 31 00-0613	EA	18' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness	16,119.75	
33 42 31 00-0614	EA	20' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness	17,159.41	
33 42 31 00-0615		**Type GT3 Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0616	EA	3' Deep Type GT3 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,579.20	
33 42 31 00-0617	EA	4' Deep Type GT3 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,172.50	
33 42 31 00-0618	EA	5' Deep Type GT3 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,724.64	
33 42 31 00-0619	EA	6' Deep Type GT3 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,234.44	
33 42 31 00-0620	EA	7' Deep Type GT3 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,700.68	
33 42 31 00-0621	EA	8' Deep Type GT3 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,125.78	
33 42 31 00-0622		**Type GT4 Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0623	EA	3' Deep Type GT4 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,510.21	
33 42 31 00-0624	EA	4' Deep Type GT4 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,150.77	
33 42 31 00-0625	EA	5' Deep Type GT4 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,745.07	
33 42 31 00-0626	EA	6' Deep Type GT4 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,291.92	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0627	EA	7' Deep Type GT4 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,792.49	
33 42 31 00-0628	EA	8' Deep Type GT4 Concrete Drainage Inlet Structure, 6" Wall Thickness	7,246.79	
33 42 31 00-0629	EA	8' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,550.57	
33 42 31 00-0630	EA	10' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness	11,067.89	
33 42 31 00-0631	EA	12' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness	12,468.96	
33 42 31 00-0632	EA	14' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness	13,753.78	
33 42 31 00-0633	EA	16' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness	14,994.47	
33 42 31 00-0634	EA	18' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness	16,134.51	
33 42 31 00-0635	EA	20' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness	17,173.88	
33 42 31 00-0636		**Type GO Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0637	EA	3' Deep Type GO Concrete Drainage Inlet Structure, 6" Wall Thickness	2,565.44	
33 42 31 00-0638	EA	4' Deep Type GO Concrete Drainage Inlet Structure, 6" Wall Thickness	2,982.41	
33 42 31 00-0639	EA	5' Deep Type GO Concrete Drainage Inlet Structure, 6" Wall Thickness	3,369.39	
33 42 31 00-0640	EA	6' Deep Type GO Concrete Drainage Inlet Structure, 6" Wall Thickness	3,726.38	
33 42 31 00-0641	EA	7' Deep Type GO Concrete Drainage Inlet Structure, 6" Wall Thickness	4,053.38	
33 42 31 00-0642	EA	8' Deep Type GO Concrete Drainage Inlet Structure, 6" Wall Thickness	4,351.60	
33 42 31 00-0643	EA	8' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness	5,984.55	
33 42 31 00-0644	EA	10' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness	6,983.34	
33 42 31 00-0645	EA	12' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness	7,904.91	
33 42 31 00-0646	EA	14' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness	8,751.65	
33 42 31 00-0647	EA	16' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness	9,568.83	
33 42 31 00-0648	EA	18' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness	10,318.96	
33 42 31 00-0649	EA	20' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness	11,004.45	
33 42 31 00-0650		**Type GDO Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0651	EA	3' Deep Type GDO Concrete Drainage Inlet Structure, 6" Wall Thickness	3,351.62	
33 42 31 00-0652	EA	4' Deep Type GDO Concrete Drainage Inlet Structure, 6" Wall Thickness	3,899.72	
33 42 31 00-0653	EA	5' Deep Type GDO Concrete Drainage Inlet Structure, 6" Wall Thickness	4,408.57	
33 42 31 00-0654	EA	6' Deep Type GDO Concrete Drainage Inlet Structure, 6" Wall Thickness	4,879.40	
33 42 31 00-0655	EA	7' Deep Type GDO Concrete Drainage Inlet Structure, 6" Wall Thickness	5,309.77	
33 42 31 00-0656	EA	8' Deep Type GDO Concrete Drainage Inlet Structure, 6" Wall Thickness	5,702.10	
33 42 31 00-0657	EA	8' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness	7,696.95	
33 42 31 00-0658	EA	10' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness	8,984.24	
33 42 31 00-0659	EA	12' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness	10,173.63	
33 42 31 00-0660	EA	14' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness	11,266.31	
33 42 31 00-0661	EA	16' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness	12,319.35	
33 42 31 00-0662	EA	18' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness	13,287.59	
33 42 31 00-0663	EA	20' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness	14,171.04	
33 42 31 00-0664		**Catch Basin Frames And Covers** *(33 42 31 00-0001)*		
33 42 31 00-0665		**Cast Iron Frames And Covers** *(33 42 31 00-0664)*		
33 42 31 00-0666	EA	18" Diameter Cast Iron Catch Basin Frame And Cover	1,221.83	119.83
33 42 31 00-0667	EA	22" Diameter Cast Iron Catch Basin Frame And Cover	1,558.28	135.41
33 42 31 00-0668	EA	24" Diameter Cast Iron Catch Basin Frame And Cover	1,775.38	140.20
33 42 31 00-0669	EA	26" Diameter Cast Iron Catch Basin Frame And Cover	2,005.25	162.96
33 42 31 00-0670	EA	28" Diameter Cast Iron Catch Basin Frame And Cover	2,366.00	185.73
33 42 31 00-0671	EA	32" Diameter Cast Iron Catch Basin Frame And Cover	3,827.73	194.12
33 42 31 00-0672	EA	16" x 16" Cast Iron Catch Basin Frame And Cover	2,054.43	147.38
33 42 31 00-0673	EA	18" x 24" Cast Iron Catch Basin Frame And Cover	2,695.31	170.15
33 42 31 00-0674	EA	20" x 27" Cast Iron Catch Basin Frame And Cover	3,058.77	177.34
33 42 31 00-0675	EA	23" x 23" Cast Iron Catch Basin Frame And Cover	2,882.95	177.34
33 42 31 00-0676	EA	24" x 24" Cast Iron Catch Basin Frame And Cover	2,978.67	184.53
33 42 31 00-0677	EA	26" x 26" Cast Iron Catch Basin Frame And Cover	3,203.30	191.73
33 42 31 00-0678	EA	24" x 36" Cast Iron Catch Basin Frame And Cover	3,868.58	206.10
33 42 31 00-0679		**Area Yard Drain** *(33 42 31 00-0001)*		
33 42 31 00-0680		**Ductile Iron Grates** *(33 42 31 00-0679)*		
		Note: Not for traffic loading.		
33 42 31 00-0681	EA	8" Diameter Ductile Iron Grate Adapter Necks Down To 4" and 6" Diameter Pipe	164.31	40.98
33 42 31 00-0682	EA	10" Diameter Ductile Iron Grate Adapters To 4", 6", or 8" Diameter Pipe	200.09	43.72
33 42 31 00-0683	EA	12" Diameter Ductile Iron Grate Adapters To 4" Through 12" Diameter Pipe	455.82	54.65
33 42 31 00-0684	EA	15" Diameter Ductile Iron Grate Adapters To 4" Through 12" Diameter Pipe	544.72	65.57
33 42 33		**Stormwater Curbside Drains and Inlets** *(33 42)*		
33 42 33 00-0001		**Curb Inlet Frames And Covers** *(33 42 33)*		
33 42 33 00-0002		**Cast Iron Curb Inlet Frames And Covers** *(33 42 33 00-0001)*		
33 42 33 00-0003	EA	20" x 22" Cast Iron Curb Inlet Frame And Cover	2,582.60	140.20
33 42 33 00-0004	EA	22" x 24" Cast Iron Curb Inlet Frame And Cover	2,758.92	162.96
33 42 33 00-0005	EA	24" x 24" Cast Iron Curb Inlet Frame And Cover	2,874.11	162.96
33 42 33 00-0006	EA	27" x 27" Cast Iron Curb Inlet Frame And Cover	3,146.73	191.73
33 42 33 00-0007	EA	36" x 24" Cast Iron Curb Inlet Frame And Cover	3,105.93	204.90

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

33 42 36 Stormwater Trench Drains *(33 42)*

33 42 36 00-0001 Modular Trench Drains *(33 42 36)*
See CSI section 03 31 13 00-0011 for concrete.

33 42 36 00-0002 Modular Trench Drains *(33 42 36 00-0001)*
Note: Excludes grates. See CSI section 33 42 36 00-0118 for grates.

33 42 36 00-0003 4" Wide, Modular Trench Drains *(33 42 36 00-0002)*

33 42 36 00-0004 4 Wide, High-Density Polyethylene (HDPE), Shallow Modular Trench Drains *(33 42 36 00-0003)*

33 42 36 00-0005 4 Wide, High-Density Polyethylene (HDPE), Shallow Modular Trench Drains *(33 42 36 00-0004)*

33 42 36 00-0006	LF	4" Wide, High-Density Polyethylene (HDPE), Shallow Modular Trench Drain (Zurn Z844-C)	72.65	19.17
		For Extra Heavy-Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add	*109.19*	
		For Galvanized Extra Heavy-Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add	*218.38*	
		For Stainless Steel Extra Heavy-Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add	*349.41*	
		For Type 304 Stainless Steel Top Veneer Frame, Add	*87.35*	
		For Aluminum Veneer Bronze Anodized Frame, Add	*43.68*	

33 42 36 00-0007 Outlet Adapters For 4 Wide, High-Density Polyethylene (HDPE), Shallow Modular Trench Drains *(33 42 36 00-0004)*

33 42 36 00-0008	EA	Closed End Cap For 4" Wide, High-Density Polyethylene (HDPE), Shallow Modular Trench Drain	54.94
33 42 36 00-0009	EA	No-Hub End Outlet For 4" Wide, High-Density Polyethylene (HDPE), Shallow Modular Trench Drain	66.93
33 42 36 00-0010	EA	No-Hub Bottom Outlet For 4" Wide, High-Density Polyethylene (HDPE), Shallow Modular Trench Drain	66.93

33 42 36 00-0011 6" Wide, Modular Trench Drains *(33 42 36 00-0002)*

33 42 36 00-0012 6" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains *(33 42 36 00-0011)*

33 42 36 00-0013 6" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains *(33 42 36 00-0012)*

33 42 36 00-0014	LF	6" Wide, High-Density Polyethylene (HDPE), Modular Trench Drain	225.16	19.17
		For Extra Heavy-Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add	*109.19*	
		For Galvanized Extra Heavy-Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add	*218.38*	
		For Stainless Steel Extra Heavy-Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add	*349.41*	
		For Type 304 Stainless Steel Top Veneer Frame, Add	*87.35*	
		For Aluminum Veneer Bronze Anodized Frame, Add	*43.68*	

33 42 36 00-0015 Outlet Adapters For 6" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains *(33 42 36 00-0012)*

33 42 36 00-0016	EA	Closed End Cap For 6" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains	102.58
33 42 36 00-0017	EA	No-Hub End Outlet For 6" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains	114.57
33 42 36 00-0018	EA	No-Hub Bottom Outlet For 6" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains	114.57

33 42 36 00-0019 Other Fittings For 6" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains *(33 42 36 00-0012)*

33 42 36 00-0020	EA	Bottom Dome Strainer For 6" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains	197.04
33 42 36 00-0021	EA	Joint Connector For 6" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains	197.04
33 42 36 00-0022	EA	90 Degree, 45 Degree, Tee Or Side Outlet Charge For 6" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains	933.43
33 42 36 00-0023	EA	Cross For 6" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains	1,806.95
33 42 36 00-0024	EA	Cutting Charge For 6" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains	218.38

33 42 36 00-0025 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains *(33 42 36 00-0011)*

33 42 36 00-0026 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains *(33 42 36 00-0025)*

33 42 36 00-0027	LF	6" Wide, Fiber Reinforced Polyester, Modular Trench Drain	327.80	19.17
		For Black Acid Resistant Coated Frame, Add	*82.98*	
		For Galvanized Top Frame Assembly, Add	*82.98*	
		For Type 304 Stainless Steel Top Frame Assembly, Add	*305.73*	

33 42 36 00-0028 Outlet Adapters For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains *(33 42 36 00-0025)*

33 42 36 00-0029	EA	Closed End Cap For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	111.31
33 42 36 00-0030	EA	No-Hub End Outlet For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	123.30
33 42 36 00-0031	EA	No-Hub Bottom Outlet For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	123.30

33 42 36 00-0032 Other Fittings For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains *(33 42 36 00-0025)*

33 42 36 00-0033	EA	Bottom Dome Strainer For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	197.04

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 36 00-0034	EA	Joint Connector For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	197.04	
33 42 36 00-0035	EA	90 Degree, 45 Degree, Tee Or Side Outlet For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	933.43	
33 42 36 00-0036	EA	Cross For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	1,806.95	
33 42 36 00-0037	EA	Cutting Charge For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	218.38	
33 42 36 00-0038		6" Wide, Vinylester Fiberglass, Modular Trench Drains *(33 42 36 00-0011)*		
33 42 36 00-0039		6" Wide, Vinylester Fiberglass, Modular Trench Drains *(33 42 36 00-0038)*		
33 42 36 00-0040	LF	6" Wide, Vinylester Fiberglass, Modular Trench Drain	423.89	19.17
		For Black Acid Resistant Coated Frame, Add	*82.98*	
		For Galvanized Top Frame Assembly, Add	*82.98*	
		For Type 304 Stainless Steel Top Frame Assembly, Add	*305.73*	
33 42 36 00-0041		Outlet Adapters For 6" Wide, Vinylester Fiberglass, Modular Trench Drains *(33 42 36 00-0038)*		
33 42 36 00-0042	EA	Closed End Cap For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	181.19	
33 42 36 00-0043	EA	No-Hub End Outlet For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	193.18	
33 42 36 00-0044	EA	No-Hub Bottom Outlet For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	193.18	
33 42 36 00-0045		Other Fittings For 6" Wide, Vinylester Fiberglass, Modular Trench Drains *(33 42 36 00-0038)*		
33 42 36 00-0046	EA	Bottom Dome Strainer For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	197.04	
33 42 36 00-0047	EA	Joint Connector For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	197.04	
33 42 36 00-0048	EA	90 Degree, 45 Degree, Tee Or Side Outlet For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	933.43	
33 42 36 00-0049	EA	Cross For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	1,806.95	
33 42 36 00-0050	EA	Cutting Charge For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	218.38	
33 42 36 00-0051		6" Wide, Polymer Concrete, Modular Trench Drains *(33 42 36 00-0011)*		
33 42 36 00-0052		6" Wide, Polymer Concrete, Modular Trench Drains *(33 42 36 00-0051)*		
33 42 36 00-0053	LF	6" Wide, Polymer Concrete, Modular Trench Drain	495.13	
33 42 36 00-0054		Outlet Adapters For 6" Wide, Polymer Concrete, Modular Trench Drains *(33 42 36 00-0051)*		
33 42 36 00-0055	EA	Closed End Cap For 6" Wide, Polymer Concrete, Modular Trench Drain	196.59	
33 42 36 00-0056	EA	No-Hub End Outlet For 6" Wide, Polymer Concrete, Modular Trench Drain	239.74	
33 42 36 00-0057	EA	No-Hub Bottom Outlet For 6" Wide, Polymer Concrete, Modular Trench Drain	76.71	
33 42 36 00-0058		12" Wide, Modular Trench Drains *(33 42 36 00-0002)*		
33 42 36 00-0059		12" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains *(33 42 36 00-0058)*		
33 42 36 00-0060		12" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains *(33 42 36 00-0059)*		
33 42 36 00-0061	LF	12" Wide, High-Density Polyethylene (HDPE), Modular Trench Drain	423.97	26.36
		For Acid Resistant Coated Top Frame, Add	*113.56*	
		For Galvanized Welded Frame Assembly, Add	*119.02*	
		For Type 304 Stainless Steel Top Frame, Add	*681.35*	
33 42 36 00-0062		Outlet Adapters For 12" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains *(33 42 36 00-0059)*		
33 42 36 00-0063	EA	End Cap For 12" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains	211.02	
33 42 36 00-0064	EA	No-Hub End Outlet For 12" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains	227.00	
33 42 36 00-0065	EA	No-Hub Bottom Outlet For 12" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains	227.00	
33 42 36 00-0066		Other Fittings For 12" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains *(33 42 36 00-0059)*		
33 42 36 00-0067	EA	Bottom Dome Strainer For 12" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains	352.15	
33 42 36 00-0068	EA	Joint Connector For 12" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains	461.34	
33 42 36 00-0069	EA	90 Degree, 45 Degree, Tee Or Side Outlet For 12" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains	1,839.22	
33 42 36 00-0070	EA	Cross For 12" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains	3,586.26	
33 42 36 00-0071	EA	Cutting Charges For 12" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains	436.76	
33 42 36 00-0072		12" Wide, Fiber Reinforced Polyester, Modular Trench Drains *(33 42 36 00-0058)*		
33 42 36 00-0073		12" Wide, Fiber Reinforced Polyester, Modular Trench Drains *(33 42 36 00-0072)*		
33 42 36 00-0074	LF	12" Wide, Fiber Reinforced Polyester, Modular Trench Drain	533.16	26.36
		For Acid Resistant Coated Top Frame, Add	*113.56*	
		For Galvanized Welded Frame Assembly, Add	*119.02*	
		For Type 304 Stainless Steel Top Frame, Add	*681.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 36 00-0075		**Outlet Adapters For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains** *(33 42 36 00-0072)*		
33 42 36 00-0076	EA	End Cap For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	219.76	
33 42 36 00-0077	EA	No-Hub End Outlet For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	235.74	
33 42 36 00-0078	EA	No-Hub Bottom Outlet For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	235.74	
33 42 36 00-0079		**Other Fittings For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains** *(33 42 36 00-0072)*		
33 42 36 00-0080	EA	Bottom Dome Strainer For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	352.15	
33 42 36 00-0081	EA	Joint Connector For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	461.34	
33 42 36 00-0082	EA	90 Degree, 45 Degree, Tee Or Side Outlet For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	1,839.22	
33 42 36 00-0083	EA	Cross For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	3,586.26	
33 42 36 00-0084	EA	Cutting Charges For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	436.76	
33 42 36 00-0085		**12" Wide, Vinylester Fiberglass, Modular Trench Drains** *(33 42 36 00-0058)*		
33 42 36 00-0086		**12" Wide, Vinylester Fiberglass, Modular Trench Drains** *(33 42 36 00-0085)*		
33 42 36 00-0087	LF	12" Wide, Vinylester Fiberglass, Modular Trench Drain	751.54	26.36
		For Acid Resistant Coated Top Frame, Add	*113.56*	
		For Galvanized Welded Frame Assembly, Add	*119.02*	
		For Type 304 Stainless Steel Top Frame, Add	*681.35*	
33 42 36 00-0088		**Outlet Adapters For 12" Wide, Vinylester Fiberglass, Modular Trench Drains** *(33 42 36 00-0085)*		
33 42 36 00-0089	EA	End Cap For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	547.33	
33 42 36 00-0090	EA	No-Hub End Outlet For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	563.31	
33 42 36 00-0091	EA	No-Hub Bottom Outlet For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	563.31	
33 42 36 00-0092		**Other Fittings For 12" Wide, Vinylester Fiberglass, Modular Trench Drains** *(33 42 36 00-0085)*		
33 42 36 00-0093	EA	Bottom Dome Strainer For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	352.15	
33 42 36 00-0094	EA	Joint Connector For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	461.34	
33 42 36 00-0095	EA	90 Degree, 45 Degree, Tee Or Side Outlet For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	1,839.22	
33 42 36 00-0096	EA	Cross For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	3,586.26	
33 42 36 00-0097	EA	Cutting Charges For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	436.76	
33 42 36 00-0098		**12" Wide, Polymer Concrete, Modular Trench Drains** *(33 42 36 00-0058)*		
33 42 36 00-0099		**12" Wide, Polymer Concrete, Modular Trench Drains** *(33 42 36 00-0098)*		
33 42 36 00-0100	LF	12" Wide, Polymer Concrete, Modular Trench Drain	664.08	
33 42 36 00-0101		**Outlet Adapters For 12" Wide, Polymer Concrete, Modular Trench Drains** *(33 42 36 00-0098)*		
33 42 36 00-0102	EA	Closed End Cap For 12" Wide, Polymer Concrete, Modular Trench Drain	334.11	
33 42 36 00-0103	EA	No-Hub End Outlet For 12" Wide, Polymer Concrete, Modular Trench Drain	575.43	
33 42 36 00-0104	EA	No-Hub Bottom Outlet For 12" Wide, Polymer Concrete, Modular Trench Drain	134.14	
33 42 36 00-0105		**23" Wide, Modular Trench Drains** *(33 42 36 00-0002)*		
33 42 36 00-0106		**23" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains** *(33 42 36 00-0105)*		
33 42 36 00-0107		**23" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains** *(33 42 36 00-0106)*		
33 42 36 00-0108	LF	23" Wide, High-Density Polyethylene (HDPE), Modular Trench Drain	594.40	35.95
		For Acid Resistant Coated Frame, Add	*170.34*	
		For Galvanized Frame Assembly, Add	*170.34*	
		For Type 304 Stainless Steel Top Frame, Add	*1,048.22*	
33 42 36 00-0109		**Outlet Adapters For 23" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains** *(33 42 36 00-0106)*		
33 42 36 00-0110	EA	End Cap For 23" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains	671.54	
33 42 36 00-0111	EA	No-Hub End Outlet For 23" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains	980.03	
33 42 36 00-0112	EA	No-Hub Bottom Outlet For 23" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains	980.03	
33 42 36 00-0113		**Other Fittings For 23" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains** *(33 42 36 00-0106)*		
33 42 36 00-0114	EA	Bottom Dome Strainer For 23" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains	800.28	
33 42 36 00-0115	EA	90 Degree, 45 Degree, Tee Or Side Outlet For 23" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains	3,643.85	
33 42 36 00-0116	EA	Cross For 23" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains	7,137.93	
33 42 36 00-0117	EA	Cutting Charges For 23" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains	873.52	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 36 00-0118		Modular Trench Drain Grates *(33 42 36 00-0001)*		
33 42 36 00-0119		4" Wide, Modular Trench Drain Grates *(33 42 36 00-0118)*		
33 42 36 00-0120	LF	4" Wide, Polypropylene, Silver Heel Proof, Modular Trench Drain Grate (Zurn Z884-P4-HPP)	45.49	3.59
33 42 36 00-0121	LF	4" Wide, Class C Cast Iron, Modular Trench Drain Grate (Zurn Z884-P4-CG)	47.82	3.59
33 42 36 00-0122	LF	4" Wide, Galvanized Steel Slotted, Modular Trench Drain Grate (Zurn Z884-P4-FG)	38.52	3.59
33 42 36 00-0123	LF	4" Wide, Stainless Steel Slotted, Modular Trench Drain Grate (Zurn Z884-P4-FS)	102.43	3.59
33 42 36 00-0124	LF	4" Wide, Galvanized Steel Perforated, Modular Trench Drain Grate (Zurn Z884-P4-FG)	38.52	3.59
33 42 36 00-0125	LF	4" Wide, Stainless Steel Perforated, Modular Trench Drain Grate (Zurn Z884-P4-FS)	102.43	3.59
33 42 36 00-0126		6" Wide, Modular Trench Drain Grates *(33 42 36 00-0118)*		
33 42 36 00-0127	LF	6" Wide, Galvanized Ductile Iron Cast Bar, Modular Trench Drain Grate	215.63	3.59
33 42 36 00-0128	LF	6" Wide, Ductile Iron Cast Bar, Modular Trench Drain Grate	182.66	3.59
33 42 36 00-0129	LF	6" Wide, Ductile Iron Solid Cover, Modular Trench Drain Grate	191.83	3.59
33 42 36 00-0130	LF	6" Wide, Ductile Iron Slotted, Modular Trench Drain Grate	167.59	3.59
33 42 36 00-0131	LF	6" Wide, Galvanized Ductile Iron Slotted, Modular Trench Drain Grate	180.69	3.59
33 42 36 00-0132	LF	6" Wide, Heel Proof Ductile Iron, Modular Trench Drain Grate	182.88	3.59
33 42 36 00-0133	LF	6" Wide, Ductile Iron Longitudinal Slotted, Modular Trench Drain Grate	182.88	3.59
33 42 36 00-0134	LF	6" Wide, Galvanized Cast Iron Slotted, Modular Trench Drain Grate	180.69	3.59
33 42 36 00-0135	LF	6" Wide, Galvanized Steel Slotted, Modular Trench Drain Grate	158.86	3.59
33 42 36 00-0136	LF	6" Wide, Perforated Galvanized Steel, Modular Trench Drain Grate	158.86	3.59
33 42 36 00-0137	LF	6" Wide, Reinforced Galvanized Steel Slotted, Modular Trench Drain Grate	168.90	3.59
33 42 36 00-0138	LF	6" Wide, Reinforced Perforated Galvanized Steel, Modular Trench Drain Grate	168.90	3.59
33 42 36 00-0139	LF	6" Wide, Fabricated Stainless Steel Slotted, Modular Trench Drain Grate	220.00	3.59
33 42 36 00-0140	LF	6" Wide, Perforated Stainless Steel, Modular Trench Drain Grate	220.00	3.59
33 42 36 00-0141	LF	6" Wide, Reinforced Stainless Steel Slotted, Modular Trench Drain Grate	403.44	3.59
33 42 36 00-0142	LF	6" Wide, Reinforced Perforated Stainless Steel, Modular Trench Drain Grate	403.44	3.59
33 42 36 00-0143	LF	6" Wide, Stainless Steel Bar, Modular Trench Drain Grate	1,124.10	3.59
33 42 36 00-0144	LF	6" Wide, Heel Proof Polyethylene, Modular Trench Drain Grate	150.12	3.59
33 42 36 00-0145	LF	6" Wide, Fiberglass, Modular Trench Drain Grate	324.82	3.59
33 42 36 00-0146		12" Wide, Modular Trench Drain Grates *(33 42 36 00-0118)*		
33 42 36 00-0147	LF	12" Wide, Black Acid Resistant Coated Ductile Iron, Modular Trench Drain Grate	596.22	3.89
33 42 36 00-0148	LF	12" Wide, Ductile Iron Solid Cover, Modular Trench Drain Grate	570.01	3.89
33 42 36 00-0149	LF	12" Wide, Galvanized Ductile Iron Slotted, Modular Trench Drain Grate	495.76	3.89
33 42 36 00-0150	LF	12" Wide, Heel Proof Ductile Iron, Modular Trench Drain Grate	520.87	3.89
33 42 36 00-0151	LF	12" Wide, Perforated Galvanized Steel, Modular Trench Drain Grate	449.90	3.89
33 42 36 00-0152	LF	12" Wide, Reinforced Galvanized Steel Slotted, Modular Trench Drain Grate	881.20	3.89
33 42 36 00-0153	LF	12" Wide, Reinforced Perforated Galvanized Steel, Modular Trench Drain Grate	881.20	3.89
33 42 36 00-0154	LF	12" Wide, Fabricated Stainless Steel Slotted, Modular Trench Drain Grate	1,124.70	3.89
33 42 36 00-0155	LF	12" Wide, Perforated Stainless Steel, Modular Trench Drain Grate	1,124.70	3.89
33 42 36 00-0156	LF	12" Wide, Reinforced Stainless Steel Slotted, Modular Trench Drain Grate	1,435.89	3.89
33 42 36 00-0157	LF	12" Wide, Reinforced Perforated Stainless Steel Slotted, Modular Trench Drain Grate	1,435.89	3.89
33 42 36 00-0158	LF	12" Wide, Stainless Steel Cast Bar, Modular Trench Drain Grate	1,362.73	3.89
33 42 36 00-0159	LF	12" Wide, Fiberglass, Modular Trench Drain Grate	643.17	3.89
33 42 36 00-0160		23" Wide, Modular Trench Drain Grates *(33 42 36 00-0118)*		
33 42 36 00-0161	LF	23" Wide, Ductile Iron Solid Cover, Modular Trench Drain Grate	941.86	4.20
33 42 36 00-0162	LF	23" Wide, Ductile Iron Slotted, Modular Trench Drain Grate	793.36	4.20
33 42 36 00-0163	LF	23" Wide, Galvanized Ductile Iron Slotted, Modular Trench Drain Grate	1,230.12	4.20
33 42 36 00-0164	LF	23" Wide, Heel Proof Longitudinal Ductile Iron, Modular Trench Drain Grate	911.28	4.20

33 44 Storm Utility Water Drains *(33 40)*

33 44 36 Oil and Stormwater Separators *(33 44)*

33 44 36 00-0001 Oil/Water Separator *(33 44 36)*
Note: Complete with internal sensors and detectors.

33 44 36 00-0002 Coalescing Oil Water Separator *(33 44 36 00-0001)*
Note: Underground tank with interior polyurethane coating. Includes manways, coalescer, inlet and outlet spools, pump mount, 2" level sensor pipe and 4" pump out pipe. HighGuard as manufactured by Highland Tank, Stoystown, PA.

33 44 36 00-0003 Single Wall Steel Coalescing Oil Water Separator *(33 44 36 00-0002)*

33 44 36 00-0004	EA	550 Gallon, 55 GPM Single Wall Steel Coalescing Oil Water Separator With Manways Note: HTC-G 550. 3'-6" diameter x 10'-9" long tank.	19,621.50	
		For Interior Polyurethane Coating, Add	*711.00*	
33 44 36 00-0005	EA	1,000 Gallon, 100 GPM Single Wall Steel Coalescing Oil Water Separator With Manways Note: HTC-G 1000. 4' diameter x 14' long tank.	23,998.41	
		For Interior Polyurethane Coating, Add	*893.70*	
33 44 36 00-0006	EA	2,000 Gallon, 200 GPM Single Wall Steel Coalescing Oil Water Separator With Manways Note: HTC-G 2000. 5'-4" diameter x 15' long tank.	28,730.95	
		For Interior Polyurethane Coating, Add	*1,340.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 44 36 00-0007		**Double Wall Steel Coalescing Oil Water Separator** *(33 44 36 00-0002)*		
33 44 36 00-0008	EA	550 Gallon, 55 GPM Double Wall Steel Coalescing Oil Water Separator With Manways Note: HTC-G 550. 3'-6" diameter x 10'-9" long tank.	30,455.12	
		For Interior Polyurethane Coating, Add	*711.00*	
33 44 36 00-0009	EA	1,000 Gallon, 100 GPM Double Wall Steel Coalescing Oil Water Separator With Manways Note: HTC-G 1000. 4' diameter x 14' long tank.	35,023.02	
		For Interior Polyurethane Coating, Add	*893.70*	
33 44 36 00-0010	EA	2,000 Gallon, 200 GPM Double Wall Steel Coalescing Oil Water Separator With Manways Note: HTC-G 2000. 5'-4" diameter x 15' long tank.	42,760.57	
		For Interior Polyurethane Coating, Add	*1,340.10*	
33 44 36 00-0011	EA	3,000 Gallon, 300 GPM Double Wall Steel Coalescing Oil Water Separator With Manways Note: HTC-G 3000. 5'-4" diameter x 21'-4" long tank.	49,762.81	
		For Interior Polyurethane Coating, Add	*1,550.70*	
33 44 36 00-0012	EA	5,000 Gallon, 500 GPM Double Wall Steel Coalescing Oil Water Separator With Manways Note: HTC-G 5000. 6' diameter x 28'-8" long tank.	66,060.19	
		For Interior Polyurethane Coating, Add	*2,057.80*	
33 44 36 00-0013		**Accessories For Coalescing Oil Water Separators** *(33 44 36 00-0002)*		
33 44 36 00-0014	EA	Single Channel Alarm Panel For Coalescing Oil Water Separator Note: HTAP1.	1,220.58	
33 44 36 00-0015	EA	Two Channel Alarm Panel For Coalescing Oil Water Separator Note: HTAP2.	1,659.60	
33 44 36 00-0016	EA	Float Interface Sensor For Coalescing Oil Water Separator Note: Required for UL 2215 label.	985.17	
33 44 36 00-0017	EA	1-1/2" Liquid Only Sensor For Coalescing Oil Water Separator Note: Required for UL 2215 label.	728.11	
33 44 36 00-0018	EA	Polyvinyl Chloride (PVC) Cap For 2" Sensor For Coalescing Oil Water Separator Note: Required for UL 2215 label.	246.12	
33 44 36 00-0019	EA	550, 1,000 Or 2,000 Gallon Tank Concrete Deadmen Set (2 Each) For Coalescing Oil Water Separator	4,164.05	
33 44 36 00-0020	EA	3,000 Gallon Tank Concrete Deadmen Set (4 Each) For Coalescing Oil Water Separator	8,328.10	
33 44 36 00-0021	EA	5,000 Gallon Tank Concrete Deadmen Set (6 Each) For Coalescing Oil Water Separator	12,492.24	
33 44 36 00-0022	EA	550 Or 1,000 Gallon Tank Polyester Hold Down Straps (2 Each) With Galvanized Turnbuckle And Clamps For Coalescing Oil Water Separator	750.47	
33 44 36 00-0023	EA	2,000 Gallon Tank Polyester Hold Down Straps (2 Each) With Galvanized Turnbuckle And Clamps For Coalescing Oil Water Separator	887.57	
33 44 36 00-0024	EA	3,000 Gallon Tank Polyester Hold Down Straps (4 Each) With Galvanized Turnbuckle And Clamps For Coalescing Oil Water Separator	1,775.14	
33 44 36 00-0025	EA	5,000 Gallon Tank Polyester Hold Down Straps (6 Each) With Galvanized Turnbuckle And Clamps For Coalescing Oil Water Separator	3,948.01	
33 44 36 00-0026	EA	30" Diameter Grade Level Manway For Coalescing Oil Water Separator Note: Required when installed in paved areas.	1,071.80	
33 44 36 00-0027	EA	36" Diameter Grade Level Manway For Coalescing Oil Water Separator Note: Required when installed in paved areas.	1,398.03	
33 44 36 00-0028	EA	48" Diameter Grade Level Manway For Coalescing Oil Water Separator Note: Required when installed in paved areas.	1,938.47	
33 44 36 00-0029	EA	54" x 54" Grade Level Manway For Coalescing Oil Water Separator Note: Required when installed in paved areas.	3,540.83	
33 44 36 00-0030	EA	66" x 54" Grade Level Manway For Coalescing Oil Water Separator Note: Required when installed in paved areas.	4,556.22	
33 44 36 00-0031	EA	66" x 66" Grade Level Manway For Coalescing Oil Water Separator Note: Required when installed in paved areas.	5,721.56	
33 44 36 00-0032	EA	78" x 66" Grade Level Manway For Coalescing Oil Water Separator Note: Required when installed in paved areas.	7,216.81	
33 44 36 00-0033	EA	550 Gallon Petroscreen (Material Only) For Coalescing Oil Water Separator	1,428.83	
33 44 36 00-0034	EA	1,000 Gallon Petroscreen (Material Only) For Coalescing Oil Water Separator	1,741.59	
33 44 36 00-0035	EA	2,000 Gallon Petroscreen (Material Only) For Coalescing Oil Water Separator	2,735.56	
33 44 36 00-0036	EA	550 Gallon Corrugated Coalescer Plate (Material Only) For Coalescing Oil Water Separator	1,362.43	
33 44 36 00-0037	EA	1,000 Gallon Corrugated Coalescer Plate (Material Only) For Coalescing Oil Water Separator	1,653.76	
33 44 36 00-0038	EA	2,000 Gallon Corrugated Coalescer Plate (Material Only) For Coalescing Oil Water Separator	1,962.24	
33 44 36 00-0039	EA	18" Manhole Gasket (Material Only) For Coalescing Oil Water Separator	115.68	
33 44 36 00-0040	EA	24" Manhole Gasket (Material Only) For Coalescing Oil Water Separator	130.67	
33 44 36 00-0041		**Oil Skimmers** *(33 44 36)*		
33 44 36 00-0042		**Oil Skimmers, 12" And 24" Models** *(33 44 36 00-0041)*		
33 44 36 00-0043	EA	Oil Skimmers, TENV, 12" Open, 1/2 HP, 230/460 Volt, 3 Phase	5,170.42	660.65
33 44 36 00-0044	EA	Oil Skimmers, Explosion-Proof, 12" Open, 1/2 HP, 230/460 Volt, 3 Phase	5,406.22	660.65
33 44 36 00-0045	EA	Oil Skimmers, TENV, 12" Open, 1/2 HP, 115/220 Volt, 1 Phase	5,192.26	660.65
33 44 36 00-0046	EA	Oil Skimmers, Explosion-Proof, 12" Open, 1/2 HP, 115/220 Volt, 1 Phase	5,494.64	660.65
33 44 36 00-0047	EA	Oil Skimmers, TENV, 12" Enclosed, 1/2 HP, 230/460 Volt, 3 Phase	5,440.06	660.65
33 44 36 00-0048	EA	Oil Skimmers, Explosion-Proof, 12" Enclosed, 1/2 HP, 230/460 Volt, 3 Phase	5,639.83	660.65
33 44 36 00-0049	EA	Oil Skimmers, TENV, 12" Enclosed, 1/2 HP, 115/220 Volt, 1 Phase	5,491.36	660.65
33 44 36 00-0050	EA	Oil Skimmers, Explosion-Proof, 12" Enclosed, 1/2 HP, 115/220 Volt, 1 Phase	5,792.66	660.65
33 44 36 00-0051	EA	Oil Skimmers, TENV, 24" Open, 1/2 HP, 230/460 Volt, 3 Phase	5,864.39	881.06
33 44 36 00-0052	EA	Oil Skimmers, Explosion-Proof, 24" Open, 1/2 HP, 230/460 Volt, 3 Phase	6,116.56	881.06
33 44 36 00-0053	EA	Oil Skimmers, TENV, 24" Open, 1/2 HP, 115/220 Volt, 1 Phase	5,930.98	881.06
33 44 36 00-0054	EA	Oil Skimmers, Explosion-Proof, 24" Open, 1/2 HP, 115/220 Volt, 1 Phase	6,293.41	881.06
33 44 36 00-0055	EA	Oil Skimmers, TENV, 24" Enclosed, 1/2 HP, 230/460 Volt, 3 Phase	6,501.91	881.06
33 44 36 00-0056	EA	Oil Skimmers, Explosion-Proof, 24" Enclosed, 1/2 HP, 230/460 Volt, 3 Phase	6,754.08	881.06
33 44 36 00-0057	EA	Oil Skimmers, TENV, 24" Enclosed, 1/2 HP, 115/220 Volt, 1 Phase	6,555.40	881.06

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 44 36 00-0058	EA	Oil Skimmers, Explosion-Proof, 24" Enclosed, 1/2 HP, 115/220 Volt, 1 Phase	6,918.92	881.06
33 44 36 00-0059		Oil Skimmers, Add-Ons *(33 44 36 00-0041)*		
33 44 36 00-0060	LF	Add For Belt Projection, 12" Width	16.37	
33 44 36 00-0061	LF	Add For Belt Projection, 24" Width	30.57	
33 44 36 00-0062	LF	Add For Spacer Stands, 12" Models	271.65	
33 44 36 00-0063	LF	Add For Spacer Stands, 24" Models	319.68	

33 46 Stormwater Management *(33 40)*

33 46 23 Modular Buried Stormwater Storage Units *(33 46)*

33 46 23 00-0001 Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™) *(33 46 23)*

Note: Includes chambers and end caps delivery to site. Excludes excavation and earthwork, foundation stone, embedment and perimeter stone, geotextile fabrics and cutting holes in chambers. See CSI section 31 05 16 00-0000 for aggregate (foundation, embedment and perimeter stone), 31 23 16 36-0000 for excavation and earth backfill, 31 32 19 16-0000 for woven and non-woven geotextile fabric.

33 46 23 00-0002		85.4" Long x 51" Wide x 30" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ SC-740) *(33 46 23 00-0001)*	
33 46 23 00-0003	EA	Up To 10, 85.4" Long x 51" Wide x 30" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ SC-740)	599.59
33 46 23 00-0004	EA	>10 To 20, 85.4" Long x 51" Wide x 30" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ SC-740)	554.21
33 46 23 00-0005	EA	>20 To 30, 85.4" Long x 51" Wide x 30" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ SC-740)	521.02
33 46 23 00-0006	EA	>30, 85.4" Long x 51" Wide x 30" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ SC-740)	488.92
33 46 23 00-0007	EA	Up To 10, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ SC-740)	245.14
33 46 23 00-0008	EA	>10 To 20, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ SC-740)	217.48
33 46 23 00-0009	EA	>20 To 30, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ SC-740)	201.13
33 46 23 00-0010	EA	>30, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ SC-740)	185.03
33 46 23 00-0011		85.4" Long x 34" Wide x 16" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ SC-310) *(33 46 23 00-0001)*	
33 46 23 00-0012	EA	Up To 10, 85.4" Long x 34" Wide x 16" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ SC-310)	339.07
33 46 23 00-0013	EA	>10 To 20, 85.4" Long x 34" Wide x 16" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ SC-310)	311.15
33 46 23 00-0014	EA	>20 To 30, 85.4" Long x 34" Wide x 16" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ SC-310)	291.48
33 46 23 00-0015	EA	>30, 85.4" Long x 34" Wide x 16" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ SC-310)	273.43
33 46 23 00-0016	EA	Up To 10, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ SC-310)	191.14
33 46 23 00-0017	EA	>10 To 20, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ SC-310)	170.61
33 46 23 00-0018	EA	>20 To 30, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ SC-310)	157.94
33 46 23 00-0019	EA	>30, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ SC-310)	146.57
33 46 23 00-0020		90" Long x 77" Wide x 45" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ MC3500) *(33 46 23 00-0001)*	
33 46 23 00-0021	EA	Up To 10, 90" Long x 77" Wide x 45" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ MC3500)	1,025.29
33 46 23 00-0022	EA	>10 To 20, 90" Long x 77" Wide x 45" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ MC3500)	956.73
33 46 23 00-0023	EA	>20 To 30, 90" Long x 77" Wide x 45" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ MC3500)	901.32
33 46 23 00-0024	EA	>30, 90" Long x 77" Wide x 45" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ MC3500)	850.77
33 46 23 00-0025	EA	Up To 10, 25.7" Long x 75" Wide x 45" High, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ MC3500)	862.23
33 46 23 00-0026	EA	>10 To 20, 25.7" Long x 75" Wide x 45" High, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ MC3500)	801.80
33 46 23 00-0027	EA	>20 To 30, 25.7" Long x 75" Wide x 45" High, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ MC3500)	754.15
33 46 23 00-0028	EA	>30, 25.7" Long x 75" Wide x 45" High, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ MC3500)	710.95
33 46 23 00-0029		85.4" Long x 51" Wide x 30" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ DC-780) *(33 46 23 00-0001)*	
33 46 23 00-0030	EA	Up To 10, 85.4" Long x 51" Wide x 30" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ DC-780)	622.97
33 46 23 00-0031	EA	>10 To 20, 85.4" Long x 51" Wide x 30" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ DC-780)	576.44
33 46 23 00-0032	EA	>20 To 30, 85.4" Long x 51" Wide x 30" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ DC-780)	542.13

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 46 23 00-0033	EA	>30, 85.4" Long x 51" Wide x 30" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ DC-780)	508.96	
33 46 23 00-0034	EA	Up To 10, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ DC-780)	245.14	
33 46 23 00-0035	EA	>10 To 20, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ DC-780)	213.06	
33 46 23 00-0036	EA	>20 To 30, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ DC-780)	201.13	
33 46 23 00-0037	EA	>30, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ DC-780)	185.03	
33 46 23 00-0038		52" Long x 100" Wide x 60" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ MC4500) *(33 46 23 00-0001)*		
33 46 23 00-0039	EA	Up To 10, 52" Long x 100" Wide x 60" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ MC4500)	1,065.14	
33 46 23 00-0040	EA	>10 To 20, 52" Long x 100" Wide x 60" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ MC4500)	992.67	
33 46 23 00-0041	EA	>20 To 30, 52" Long x 100" Wide x 60" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ MC4500)	933.41	
33 46 23 00-0042	EA	>30, 52" Long x 100" Wide x 60" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ MC4500)	881.79	
33 46 23 00-0043	EA	Up To 10, 35.1" Long x 90.2" Wide x 59.4" High, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ MC4500)	1,329.14	
33 46 23 00-0044	EA	>10 To 20, 35.1" Long x 90.2" Wide x 59.4" High, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ MC4500)	1,243.46	
33 46 23 00-0045	EA	>20 To 30, 35.1" Long x 90.2" Wide x 59.4" High, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ MC4500)	1,171.67	
33 46 23 00-0046	EA	>30, 35.1" Long x 90.2" Wide x 59.4" High, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ MC4500)	1,108.14	
33 46 23 00-0047		Cut Opening In Polypropylene Corrugated Wall Stormwater Collection Chambers *(33 46 23 00-0001)*		
33 46 23 00-0048	EA	Cut Up To 6" Diameter Opening, Polypropylene Corrugated Wall Stormwater Collection Chamber Or End Cap	62.03	
33 46 23 00-0049	EA	Cut >6" To 12" Diameter Opening, Polypropylene Corrugated Wall Stormwater Collection Chamber Or End Cap	78.74	
33 46 23 00-0050	EA	Cut >12" To 24" Diameter Opening, Polypropylene Corrugated Wall Stormwater Collection Chamber Or End Cap	102.90	
33 46 23 00-0051	EA	Cut >24" To 36" Diameter Opening, Polypropylene Corrugated Wall Stormwater Collection Chamber Or End Cap	129.99	
33 46 23 00-0052	EA	12" x 6" Inspection Port Kit Note: (2712AG6IPKIT)	755.65	
33 46 53		**Stormwater Leaching Pits** *(33 46)*		
33 46 53 00-0001		Drainage Wells *(33 46 53)* Note: Includes augering hole.		
33 46 53 00-0002	LF	12" Diameter Drainage Well With Corrugated Metal Liner	35.41	
33 46 53 00-0003	LF	18" Diameter Drainage Well With Corrugated Metal Liner	43.47	
33 46 53 00-0004	LF	24" Diameter Drainage Well With Corrugated Metal Liner	58.50	

33 50 Hydrocarbon Utilities *(33)*

33 52 Hydrocarbon Transmission and Distribution *(33 50)*

33 52 16 Gas Hydrocarbon Piping *(33 52)*

33 52 16 13 Steel Natural Gas Piping *(33 52 16)*

See CSI section 23 05 23 00-0000 for gas valves.

33 52 16 13-0001		Gas Distribution Lines *(33 52 16 13)* Note: Excludes excavation and backfill.		
33 52 16 13-0002		Gas Line Taps *(33 52 16 13-0001)* Note: Includes material to tap into main and gas valve.		
33 52 16 13-0003		Polyethylene, 60 PSI *(33 52 16 13-0002)*		
33 52 16 13-0004	EA	2" Polyethylene Hot Tap, With Valve	2,986.62	
33 52 16 13-0005	EA	2-1/2" Polyethylene Hot Tap, With Valve	3,692.37	
33 52 16 13-0006	EA	3" Polyethylene Hot Tap, With Valve	3,864.47	
33 52 16 13-0007	EA	4" Polyethylene Hot Tap, With Valve	5,210.97	
33 52 16 13-0008	EA	6" Polyethylene Hot Tap, With Valve	8,113.28	
33 52 16 13-0009		Steel, Schedule 40 *(33 52 16 13-0002)* Note: For punch steel service tee.		
33 52 16 13-0010	EA	1/2" Iron Pipe Size Weld Base, 1/2" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee	2,905.84	
33 52 16 13-0011	EA	3/4" Iron Pipe Size Weld Base, 1/2" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee	2,955.11	
33 52 16 13-0012	EA	3/4" Iron Pipe Size Weld Base, 3/4" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee	3,022.26	
33 52 16 13-0013	EA	3/4" Iron Pipe Size Weld Base, 1" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee	3,087.32	
33 52 16 13-0014	EA	1" Iron Pipe Size Weld Base, 1" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee	3,136.41	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 52 16 13-0015	EA	1-1/4" Iron Pipe Size Weld Base, 1" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Value Steel Service Tee	3,415.01	
33 52 16 13-0016	EA	1-1/4" Iron Pipe Size Weld Base, 1-1/4" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee	3,500.33	
33 52 16 13-0017		Protective Pipe And Fitting Wrap *(33 52 16 13-0001)*		
		Note: Includes cleaning and priming pipe.		
33 52 16 13-0018		Corrosion Protection Pipe Wrap For Pipe *(33 52 16 13-0017)*		
		Note: Field applied.		
33 52 16 13-0019	LF	1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	3.86	
33 52 16 13-0020	LF	3/4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	4.05	
33 52 16 13-0021	LF	1" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	4.28	
33 52 16 13-0022	LF	1-1/4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	4.81	
33 52 16 13-0023	LF	1-1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	5.14	
33 52 16 13-0024	LF	2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	5.91	
33 52 16 13-0025	LF	2-1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	7.23	
33 52 16 13-0026	LF	3" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	9.00	
33 52 16 13-0027	LF	4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	11.38	
33 52 16 13-0028	LF	6" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	15.15	
33 52 16 13-0029		Corrosion Resistance Wrap And Coat - Fittings *(33 52 16 13-0017)*		
		Note: Field applied.		
33 52 16 13-0030	EA	1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	20.61	
33 52 16 13-0031	EA	3/4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	20.61	
33 52 16 13-0032	EA	1" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	25.39	
33 52 16 13-0033	EA	1-1/4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	28.71	
33 52 16 13-0034	EA	1-1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	28.71	
33 52 16 13-0035	EA	2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	34.00	
33 52 16 13-0036	EA	2-1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	45.33	
33 52 16 13-0037	EA	3" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	62.75	
33 52 16 13-0038	EA	4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	63.58	
33 52 16 13-0039	EA	6" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	73.30	
33 52 16 13-0040		Service Fittings *(33 52 16 13-0001)*		
33 52 16 13-0041		Brass Fittings *(33 52 16 13-0040)*		
33 52 16 13-0042	EA	1/2" X 2" Long Nipples, Threaded Both Ends, Brass	40.60	
33 52 16 13-0043	EA	3/4" X 2" Long Nipples, Threaded Both Ends, Brass	47.32	
33 52 16 13-0044	EA	1" X 2" Long Nipples, Threaded Both Ends, Brass	60.30	
33 52 16 13-0045	EA	1-1/4" X 2" Long Nipples, Threaded Both Ends, Brass	75.23	
33 52 16 13-0046	EA	1-1/2" X 2" Long Nipples, Threaded Both Ends, Brass	84.59	
33 52 16 13-0047	EA	2" X 2" Long Nipples, Threaded Both Ends, Brass	110.90	
33 52 16 13-0048	EA	1/2" 90 Degree Elbow, Brass	34.89	
33 52 16 13-0049	EA	3/4" 90 Degree Elbow, Brass	40.24	
33 52 16 13-0050	EA	1" 90 Degree Elbow, Brass	52.56	
33 52 16 13-0051	EA	1-1/4" 90 Degree Elbow, Brass	68.49	
33 52 16 13-0052	EA	1-1/2" 90 Degree Elbow, Brass	78.55	
33 52 16 13-0053	EA	2" 90 Degree Elbow, Brass	105.93	
33 52 16 13-0054	EA	1/2" Diameter Chrome Plated Nipple	27.70	
33 52 16 13-0055	EA	3/4" Diameter Chrome Plated Nipple	35.74	
33 52 16 13-0056	EA	1" Diameter Chrome Plated Nipple	46.58	
33 52 16 13-0057	EA	1-1/4" Diameter Chrome Plated Nipple	66.49	
33 52 16 13-0058	EA	1-1/2" Diameter Chrome Plated Nipple	80.79	
33 52 16 13-0059	EA	2" Diameter Chrome Plated Nipple	109.36	
33 52 16 13-0060		Anodless Gas Riser *(33 52 16 13-0040)*		
33 52 16 13-0061	EA	3/4" Anodless Gas Riser	103.57	
33 52 16 13-0062	EA	1" Anodless Gas Riser	128.35	
33 52 16 13-0063	EA	1-1/4" Anodless Gas Riser	151.05	
33 52 16 13-0064	EA	1-1/2" Anodless Gas Riser	189.91	
33 52 16 13-0065	EA	2" Anodless Gas Riser	218.58	
33 52 16 13-0066		Brass Service Adapter *(33 52 16 13-0040)*		
33 52 16 13-0067	EA	1/2" Brass Service Adapter	69.70	
33 52 16 13-0068	EA	3/4" Brass Service Adapter	76.68	
33 52 16 13-0069	EA	1" Brass Service Adapter	91.88	
33 52 16 13-0070	EA	1-1/4" Brass Service Adapter	110.41	
33 52 16 13-0071	EA	1-1/2" Brass Service Adapter	131.45	
33 52 16 13-0072	EA	2" Brass Service Adapter	156.81	
33 52 16 13-0073	EA	2-1/2" Brass Service Adapter	260.77	
33 52 16 13-0074	EA	3" Brass Service Adapter	318.26	
33 52 16 13-0075	EA	4" Brass Service Adapter	456.77	

33 52 16 23 Medium Density Polyethylene Piping for Natural Gas *(33 52 16)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 52 16 23-0001		Medium Density Polyethylene (MDPE) Gas Distribution Piping *(33 52 16 23)* Note: PE2406/PE2708. Includes couplings, #12 tracer wire, helically wrapped around piping.		
33 52 16 23-0002	LF	1/2" Diameter, SDR 9, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	4.43	1.91
		For Colors, Add	*0.07*	
33 52 16 23-0003	LF	3/4" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	4.96	2.05
		For Colors, Add	*0.09*	
33 52 16 23-0004	LF	1" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	5.47	2.19
		For Colors, Add	*0.11*	
33 52 16 23-0005	LF	1-1/4" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	6.02	2.32
		For Colors, Add	*0.13*	
33 52 16 23-0006	LF	1-1/2" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	6.97	2.80
		For Colors, Add	*0.18*	
33 52 16 23-0007	LF	2" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	7.93	3.04
		For Colors, Add	*0.24*	
33 52 16 23-0008	LF	2-1/2" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	10.16	3.56
		For Colors, Add	*0.39*	
33 52 16 23-0009	LF	3" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	12.52	4.24
		For Colors, Add	*0.54*	
33 52 16 23-0010	LF	4" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	20.63	4.97
		For Colors, Add	*0.99*	
33 52 16 23-0011	LF	5" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	26.23	4.97
		For SDR 13.5, Deduct	*-2.13*	
		For SDR 15.5, Deduct	*-3.92*	
		For Colors, Add	*1.38*	
33 52 16 23-0012	LF	6" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	31.98	4.97
		For Colors, Add	*1.76*	
33 52 16 23-0013	LF	8" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	47.85	6.22
		For Colors, Add	*2.93*	
33 52 16 26		**High-Density Polyethylene (HDPE) Piping for Natural Gas** *(33 52 16)*		
33 52 16 26-0001		High-Density Polyethylene (HDPE) Gas Distribution Piping *(33 52 16 26)* Note: ASTM F2619, ASTM D2513, API 15 LE. Includes couplings, #12 tracer wire, helically wrapped around piping.		
33 52 16 26-0002	LF	1/2" Diameter, SDR 9 High-Density Polyethylene (HDPE) Gas Distribution Pipe	4.51	1.91
33 52 16 26-0003	LF	3/4" Diameter, SDR 11 High-Density Polyethylene (HDPE) Gas Distribution Pipe	5.08	2.05
		For SDR 13.5, Deduct	*-0.15*	
33 52 16 26-0004	LF	1" Diameter, SDR 11 High-Density Polyethylene (HDPE) Gas Distribution Pipe	5.59	2.19
		For SDR 13.5, Deduct	*-0.18*	
33 52 16 26-0005	LF	1-1/4" Diameter, SDR 11 High-Density Polyethylene (HDPE) Gas Distribution Pipe	6.18	2.32
		For SDR 13.5, Deduct	*-0.22*	
33 52 16 26-0006	LF	1-1/2" Diameter, SDR 11 High-Density Polyethylene (HDPE) Gas Distribution Pipe	7.19	2.80
		For SDR 13.5, Deduct	*-0.31*	
33 52 16 26-0007	LF	2" Diameter, SDR 11 High-Density Polyethylene (HDPE) Gas Distribution Pipe	8.23	3.04
		For SDR 13.5, Deduct	*-0.40*	
		For SDR 15.5, Deduct	*-0.74*	
		For SDR 17, Deduct	*-1.08*	
33 52 16 26-0008	LF	2-1/2" Diameter, SDR 11 High-Density Polyethylene (HDPE) Gas Distribution Pipe	10.66	3.56
		For SDR 13.5, Deduct	*-0.67*	
		For SDR 15.5, Deduct	*-1.23*	
		For SDR 17, Deduct	*-1.79*	
33 52 16 26-0009	LF	3" Diameter, SDR 11 High-Density Polyethylene (HDPE) Gas Distribution Pipe	13.19	4.24
		For SDR 13.5, Deduct	*-0.92*	
		For SDR 15.5, Deduct	*-1.68*	
		For SDR 17, Deduct	*-2.44*	
		For SDR 21, Deduct	*-3.34*	
33 52 16 26-0010	LF	4" Diameter, SDR 11 High-Density Polyethylene (HDPE) Gas Distribution Pipe	21.87	4.97
		For SDR 13.5, Deduct	*-1.69*	
		For SDR 15.5, Deduct	*-3.11*	
		For SDR 17, Deduct	*-4.52*	
		For SDR 21, Deduct	*-6.18*	
33 52 16 26-0011	LF	6" Diameter, SDR 11 High-Density Polyethylene (HDPE) Gas Distribution Pipe	34.18	4.97
		For SDR 13.5, Deduct	*-3.00*	
		For SDR 15.5, Deduct	*-5.52*	
		For SDR 17, Deduct	*-8.02*	
		For SDR 21, Deduct	*-10.97*	
33 52 16 26-0012	LF	8" Diameter, SDR 11 High-Density Polyethylene (HDPE) Gas Distribution Pipe	51.52	6.22
		For SDR 13.5, Deduct	*-5.00*	
		For SDR 15.5, Deduct	*-9.19*	
		For SDR 17, Deduct	*-13.35*	
		For SDR 21, Deduct	*-18.26*	

33 56 Hydrocarbon Storage *(33 50)*

33 56 13 Aboveground Hydrocarbon Storage Tanks *(33 56)*

See CSI section 23 13 23 00-0000 for aboveground storage tanks.

33 56 33 Underground Hydrocarbon Storage *(33 56)*

See CSI section 23 13 13 00-0000 for underground storage tanks.

33 60 Hydronic and Steam Energy Utilities *(33)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

33 61 Hydronic Energy Distribution *(33 60)*

33 61 13 Buried Hydronic Energy Distribution *(33 61)*

33 61 13 00-0001 Prefabricated/Preinsulated Pipe *(33 61 13)*

Note: Includes coupling per full length of pipe. Insulation and jacketing sealed for seamless system including all fittings. Excludes excavation and backfill. See CSI section 23 01 20 91-0041 for purging of existing system.

33 61 13 00-0002 Preinsulated Schedule 40 Black Steel Pipe *(33 61 13 00-0001)*

Note: With polyurethane insulation and non-metallic casing. Excludes excavation or backfill.

33 61 13 00-0003 Standard Black Steel Carrier Pipe *(33 61 13 00-0002)*

Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0004	LF	3/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	192.43	20.72
		For High-Density Polyethylene (HDPE) Jacket, Add	*3.30*	
		For Schedule 80 Pipe, Add	*32.96*	
33 61 13 00-0005	LF	1" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	211.06	22.36
		For High-Density Polyethylene (HDPE) Jacket, Add	*3.62*	
		For Schedule 80 Pipe, Add	*36.25*	
33 61 13 00-0006	LF	1-1/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	235.81	23.75
		For High-Density Polyethylene (HDPE) Jacket, Add	*4.08*	
		For Schedule 80 Pipe, Add	*40.83*	
33 61 13 00-0007	LF	1-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	252.53	25.08
		For High-Density Polyethylene (HDPE) Jacket, Add	*4.38*	
		For Schedule 80 Pipe, Add	*43.82*	
33 61 13 00-0008	LF	2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	264.55	26.63
		For High-Density Polyethylene (HDPE) Jacket, Add	*4.58*	
		For Schedule 80 Pipe, Add	*45.81*	
33 61 13 00-0009	LF	2-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	292.86	32.92
		For High-Density Polyethylene (HDPE) Jacket, Add	*4.98*	
		For Schedule 80 Pipe, Add	*49.79*	
33 61 13 00-0010	LF	3" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	322.45	40.17
		For High-Density Polyethylene (HDPE) Jacket, Add	*5.38*	
		For Schedule 80 Pipe, Add	*53.78*	
33 61 13 00-0011	LF	4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	406.81	51.16
		For High-Density Polyethylene (HDPE) Jacket, Add	*6.77*	
		For Schedule 80 Pipe, Add	*67.72*	
33 61 13 00-0012	LF	5" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	516.75	62.66
		For High-Density Polyethylene (HDPE) Jacket, Add	*8.66*	
		For Schedule 80 Pipe, Add	*86.64*	
33 61 13 00-0013	LF	6" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	600.79	73.41
		For High-Density Polyethylene (HDPE) Jacket, Add	*10.06*	
		For Schedule 80 Pipe, Add	*100.58*	
33 61 13 00-0014	LF	8" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	850.22	88.70
		For High-Density Polyethylene (HDPE) Jacket, Add	*14.64*	
		For Schedule 80 Pipe, Add	*146.39*	
33 61 13 00-0015	LF	10" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,106.72	105.55
		For High-Density Polyethylene (HDPE) Jacket, Add	*19.32*	
		For Schedule 80 Pipe, Add	*193.20*	
33 61 13 00-0016	LF	12" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,378.19	129.91
		For High-Density Polyethylene (HDPE) Jacket, Add	*24.10*	
		For Schedule 80 Pipe, Add	*241.00*	

33 61 13 00-0017 Standard Black Steel Carrier Pipe *(33 61 13 00-0002)*

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0018	LF	3/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	208.92	20.72
		For High-Density Polyethylene (HDPE) Jacket, Add	*3.63*	
		For Schedule 80 Pipe, Add	*36.26*	
33 61 13 00-0019	LF	1" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	229.19	22.36
		For High-Density Polyethylene (HDPE) Jacket, Add	*3.99*	
		For Schedule 80 Pipe, Add	*39.87*	
33 61 13 00-0020	LF	1-1/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	256.23	23.75
		For High-Density Polyethylene (HDPE) Jacket, Add	*4.49*	
		For Schedule 80 Pipe, Add	*44.91*	
33 61 13 00-0021	LF	1-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	274.44	25.08
		For High-Density Polyethylene (HDPE) Jacket, Add	*4.82*	
		For Schedule 80 Pipe, Add	*48.20*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0022		LF	2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	287.45	26.63
			For High-Density Polyethylene (HDPE) Jacket, Add	*5.04*	
			For Schedule 80 Pipe, Add	*50.39*	
33 61 13 00-0023		LF	2-1/2" Diameter Preinsulated Schedule 40 Black Steel Pip With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	317.76	32.92
			For High-Density Polyethylene (HDPE) Jacket, Add	*5.48*	
			For Schedule 80 Pipe, Add	*54.77*	
33 61 13 00-0024		LF	3" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	349.34	40.17
			For High-Density Polyethylene (HDPE) Jacket, Add	*5.92*	
			For Schedule 80 Pipe, Add	*59.15*	
33 61 13 00-0025		LF	4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	440.67	51.16
			For High-Density Polyethylene (HDPE) Jacket, Add	*7.45*	
			For Schedule 80 Pipe, Add	*74.49*	
33 61 13 00-0026		LF	5" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	560.07	62.66
			For High-Density Polyethylene (HDPE) Jacket, Add	*9.53*	
			For Schedule 80 Pipe, Add	*95.30*	
33 61 13 00-0027		LF	6" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	651.08	73.41
			For High-Density Polyethylene (HDPE) Jacket, Add	*11.06*	
			For Schedule 80 Pipe, Add	*110.64*	
33 61 13 00-0028		LF	8" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	923.42	88.70
			For High-Density Polyethylene (HDPE) Jacket, Add	*16.10*	
			For Schedule 80 Pipe, Add	*161.03*	
33 61 13 00-0029		LF	10" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,203.31	105.55
			For High-Density Polyethylene (HDPE) Jacket, Add	*21.25*	
			For Schedule 80 Pipe, Add	*212.51*	
33 61 13 00-0030		LF	12" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,498.69	129.91
			For High-Density Polyethylene (HDPE) Jacket, Add	*26.51*	
			For Schedule 80 Pipe, Add	*265.10*	

33 61 13 00-0031 Standard Black Steel Carrier Pipe *(33 61 13 00-0002)*

Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0032		LF	3/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	217.16	20.72
			For High-Density Polyethylene (HDPE) Jacket, Add	*3.79*	
			For Schedule 80 Pipe, Add	*37.91*	
33 61 13 00-0033		LF	1" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	238.25	22.36
			For High-Density Polyethylene (HDPE) Jacket, Add	*4.17*	
			For Schedule 80 Pipe, Add	*41.69*	
33 61 13 00-0034		LF	1-1/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	266.43	23.75
			For High-Density Polyethylene (HDPE) Jacket, Add	*4.70*	
			For Schedule 80 Pipe, Add	*46.95*	
33 61 13 00-0035		LF	1-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	285.39	25.08
			For High-Density Polyethylene (HDPE) Jacket, Add	*5.04*	
			For Schedule 80 Pipe, Add	*50.39*	
33 61 13 00-0036		LF	2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	298.90	26.63
			For High-Density Polyethylene (HDPE) Jacket, Add	*5.27*	
			For Schedule 80 Pipe, Add	*52.68*	
33 61 13 00-0037		LF	2-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	330.21	32.92
			For High-Density Polyethylene (HDPE) Jacket, Add	*5.73*	
			For Schedule 80 Pipe, Add	*57.26*	
33 61 13 00-0038		LF	3" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	362.78	40.17
			For High-Density Polyethylene (HDPE) Jacket, Add	*6.18*	
			For Schedule 80 Pipe, Add	*61.84*	
33 61 13 00-0039		LF	4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	457.60	51.16
			For High-Density Polyethylene (HDPE) Jacket, Add	*7.79*	
			For Schedule 80 Pipe, Add	*77.88*	
33 61 13 00-0040		LF	5" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	581.73	62.66
			For High-Density Polyethylene (HDPE) Jacket, Add	*9.96*	
			For Schedule 80 Pipe, Add	*99.64*	
33 61 13 00-0041		LF	6" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	676.22	73.41
			For High-Density Polyethylene (HDPE) Jacket, Add	*11.57*	
			For Schedule 80 Pipe, Add	*115.67*	
33 61 13 00-0042		LF	8" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	960.01	88.70
			For High-Density Polyethylene (HDPE) Jacket, Add	*16.83*	
			For Schedule 80 Pipe, Add	*168.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0043	LF	10" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,251.61	105.55
		For High-Density Polyethylene (HDPE) Jacket, Add	*22.22*	
		For Schedule 80 Pipe, Add	*222.17*	
33 61 13 00-0044	LF	12" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,558.94	129.91
		For High-Density Polyethylene (HDPE) Jacket, Add	*27.71*	
		For Schedule 80 Pipe, Add	*277.15*	
33 61 13 00-0045		Standard Black Steel Carrier Pipe *(33 61 13 00-0002)*		
		Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0046	LF	3/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	229.52	20.72
		For High-Density Polyethylene (HDPE) Jacket, Add	*4.04*	
		For Schedule 80 Pipe, Add	*40.38*	
33 61 13 00-0047	LF	1" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	251.85	22.36
		For High-Density Polyethylene (HDPE) Jacket, Add	*4.44*	
		For Schedule 80 Pipe, Add	*44.41*	
33 61 13 00-0048	LF	1-1/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	281.74	23.75
		For High-Density Polyethylene (HDPE) Jacket, Add	*5.00*	
		For Schedule 80 Pipe, Add	*50.02*	
33 61 13 00-0049	LF	1-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	301.82	25.08
		For High-Density Polyethylene (HDPE) Jacket, Add	*5.37*	
		For Schedule 80 Pipe, Add	*53.68*	
33 61 13 00-0050	LF	2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	316.08	26.63
		For High-Density Polyethylene (HDPE) Jacket, Add	*5.61*	
		For Schedule 80 Pipe, Add	*56.12*	
33 61 13 00-0051	LF	2-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	348.88	32.92
		For High-Density Polyethylene (HDPE) Jacket, Add	*6.10*	
		For Schedule 80 Pipe, Add	*61.00*	
33 61 13 00-0052	LF	3" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	382.95	40.17
		For High-Density Polyethylene (HDPE) Jacket, Add	*6.59*	
		For Schedule 80 Pipe, Add	*65.88*	
33 61 13 00-0053	LF	4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	482.99	51.16
		For High-Density Polyethylene (HDPE) Jacket, Add	*8.30*	
		For Schedule 80 Pipe, Add	*82.95*	
33 61 13 00-0054	LF	5" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	614.21	62.66
		For High-Density Polyethylene (HDPE) Jacket, Add	*10.61*	
		For Schedule 80 Pipe, Add	*106.13*	
33 61 13 00-0055	LF	6" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	713.94	73.41
		For High-Density Polyethylene (HDPE) Jacket, Add	*12.32*	
		For Schedule 80 Pipe, Add	*123.21*	
33 61 13 00-0056	LF	8" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,014.91	88.70
		For High-Density Polyethylene (HDPE) Jacket, Add	*17.93*	
		For Schedule 80 Pipe, Add	*179.33*	
33 61 13 00-0057	LF	10" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,324.06	105.55
		For High-Density Polyethylene (HDPE) Jacket, Add	*23.67*	
		For Schedule 80 Pipe, Add	*236.66*	
33 61 13 00-0058	LF	12" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,649.31	129.91
		For High-Density Polyethylene (HDPE) Jacket, Add	*29.52*	
		For Schedule 80 Pipe, Add	*295.22*	
33 61 13 00-0059		Preinsulated Black Steel Fittings *(33 61 13 00-0001)*		
		Note: No excavation or backfill.		
33 61 13 00-0060		Elbows *(33 61 13 00-0059)*		
33 61 13 00-0061		Elbows *(33 61 13 00-0060)*		
		Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0062	EA	3/4" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,381.20	
		For High-Density Polyethylene (HDPE) Jacket, Add	*25.11*	
33 61 13 00-0063	EA	1" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,420.47	
		For High-Density Polyethylene (HDPE) Jacket, Add	*25.70*	
33 61 13 00-0064	EA	1-1/4" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,622.35	
		For High-Density Polyethylene (HDPE) Jacket, Add	*29.24*	
33 61 13 00-0065	EA	1-1/2" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,790.85	
		For High-Density Polyethylene (HDPE) Jacket, Add	*31.90*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0066	EA	2" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket		1,955.18	
		For High-Density Polyethylene (HDPE) Jacket, Add		*33.23*	
33 61 13 00-0067	EA	2-1/2" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket		2,157.34	
		For High-Density Polyethylene (HDPE) Jacket, Add		*34.56*	
33 61 13 00-0068	EA	3" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket		2,496.85	
		For High-Density Polyethylene (HDPE) Jacket, Add		*39.88*	
33 61 13 00-0069	EA	4" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket		2,913.41	
		For High-Density Polyethylene (HDPE) Jacket, Add		*46.52*	
33 61 13 00-0070	EA	5" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket		3,619.33	
		For High-Density Polyethylene (HDPE) Jacket, Add		*59.82*	
33 61 13 00-0071	EA	6" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket		4,056.80	
		For High-Density Polyethylene (HDPE) Jacket, Add		*67.94*	
33 61 13 00-0072	EA	8" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket		5,791.69	
		For High-Density Polyethylene (HDPE) Jacket, Add		*98.22*	
33 61 13 00-0073	EA	10" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket		7,579.79	
		For High-Density Polyethylene (HDPE) Jacket, Add		*125.54*	
33 61 13 00-0074	EA	12" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket		9,871.90	
		For High-Density Polyethylene (HDPE) Jacket, Add		*166.16*	

33 61 13 00-0075 Elbows *(33 61 13 00-0060)*

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0076	EA	3/4" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket		1,475.36	
		For High-Density Polyethylene (HDPE) Jacket, Add		*26.99*	
33 61 13 00-0077	EA	1" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket		1,516.84	
		For High-Density Polyethylene (HDPE) Jacket, Add		*27.63*	
33 61 13 00-0078	EA	1-1/4" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket		1,732.01	
		For High-Density Polyethylene (HDPE) Jacket, Add		*31.44*	
33 61 13 00-0079	EA	1-1/2" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket		1,910.49	
		For High-Density Polyethylene (HDPE) Jacket, Add		*34.30*	
33 61 13 00-0080	EA	2" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket		2,079.80	
		For High-Density Polyethylene (HDPE) Jacket, Add		*35.72*	
33 61 13 00-0081	EA	2-1/2" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket		2,286.95	
		For High-Density Polyethylene (HDPE) Jacket, Add		*37.15*	
33 61 13 00-0082	EA	3" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket		2,646.39	
		For High-Density Polyethylene (HDPE) Jacket, Add		*42.87*	
33 61 13 00-0083	EA	4" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket		3,087.87	
		For High-Density Polyethylene (HDPE) Jacket, Add		*50.01*	
33 61 13 00-0084	EA	5" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket		3,843.64	
		For High-Density Polyethylene (HDPE) Jacket, Add		*64.30*	
33 61 13 00-0085	EA	6" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket		4,311.58	
		For High-Density Polyethylene (HDPE) Jacket, Add		*73.04*	
33 61 13 00-0086	EA	8" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket		6,160.02	
		For High-Density Polyethylene (HDPE) Jacket, Add		*105.59*	
33 61 13 00-0087	EA	10" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket		8,050.58	
		For High-Density Polyethylene (HDPE) Jacket, Add		*134.96*	
33 61 13 00-0088	EA	12" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket		10,495.00	
		For High-Density Polyethylene (HDPE) Jacket, Add		*178.62*	

33 61 13 00-0089 Elbows *(33 61 13 00-0060)*

Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0090	EA	3/4" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket		1,569.51	
		For High-Density Polyethylene (HDPE) Jacket, Add		*28.87*	
33 61 13 00-0091	EA	1" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket		1,613.21	
		For High-Density Polyethylene (HDPE) Jacket, Add		*29.55*	
33 61 13 00-0092	EA	1-1/4" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket		1,841.68	
		For High-Density Polyethylene (HDPE) Jacket, Add		*33.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0093	EA	1-1/2" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,030.12	
		For High-Density Polyethylene (HDPE) Jacket, Add	*36.69*	
33 61 13 00-0094	EA	2" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,204.42	
		For High-Density Polyethylene (HDPE) Jacket, Add	*38.22*	
33 61 13 00-0095	EA	2-1/2" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,416.55	
		For High-Density Polyethylene (HDPE) Jacket, Add	*39.75*	
33 61 13 00-0096	EA	3" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,795.94	
		For High-Density Polyethylene (HDPE) Jacket, Add	*45.86*	
33 61 13 00-0097	EA	4" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,262.34	
		For High-Density Polyethylene (HDPE) Jacket, Add	*53.50*	
33 61 13 00-0098	EA	5" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,067.96	
		For High-Density Polyethylene (HDPE) Jacket, Add	*68.79*	
33 61 13 00-0099	EA	6" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,566.37	
		For High-Density Polyethylene (HDPE) Jacket, Add	*78.13*	
33 61 13 00-0100	EA	8" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	6,528.34	
		For High-Density Polyethylene (HDPE) Jacket, Add	*112.95*	
33 61 13 00-0101	EA	10" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	8,521.36	
		For High-Density Polyethylene (HDPE) Jacket, Add	*144.37*	
33 61 13 00-0102	EA	12" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	11,118.10	
		For High-Density Polyethylene (HDPE) Jacket, Add	*191.08*	

33 61 13 00-0103 Elbows *(33 61 13 00-0060)*

Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0104	EA	3/4" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,663.67	
		For High-Density Polyethylene (HDPE) Jacket, Add	*30.76*	
33 61 13 00-0105	EA	1" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,709.59	
		For High-Density Polyethylene (HDPE) Jacket, Add	*31.48*	
33 61 13 00-0106	EA	1-1/4" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,951.34	
		For High-Density Polyethylene (HDPE) Jacket, Add	*35.82*	
33 61 13 00-0107	EA	1-1/2" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,149.76	
		For High-Density Polyethylene (HDPE) Jacket, Add	*39.08*	
33 61 13 00-0108	EA	2" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,329.04	
		For High-Density Polyethylene (HDPE) Jacket, Add	*40.71*	
33 61 13 00-0109	EA	2-1/2" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,546.16	
		For High-Density Polyethylene (HDPE) Jacket, Add	*42.34*	
33 61 13 00-0110	EA	3" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,945.48	
		For High-Density Polyethylene (HDPE) Jacket, Add	*48.85*	
33 61 13 00-0111	EA	4" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,436.81	
		For High-Density Polyethylene (HDPE) Jacket, Add	*56.99*	
33 61 13 00-0112	EA	5" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,292.27	
		For High-Density Polyethylene (HDPE) Jacket, Add	*73.28*	
33 61 13 00-0113	EA	6" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,821.14	
		For High-Density Polyethylene (HDPE) Jacket, Add	*83.23*	
33 61 13 00-0114	EA	8" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	6,896.66	
		For High-Density Polyethylene (HDPE) Jacket, Add	*120.32*	
33 61 13 00-0115	EA	10" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	8,992.15	
		For High-Density Polyethylene (HDPE) Jacket, Add	*153.79*	
33 61 13 00-0116	EA	12" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	11,741.20	
		For High-Density Polyethylene (HDPE) Jacket, Add	*203.55*	

33 61 13 00-0117 Tees *(33 61 13 00-0059)*

33 61 13 00-0118 Tees *(33 61 13 00-0117)*

Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0119	EA	3/4" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,052.91	
		For High-Density Polyethylene (HDPE) Jacket, Add	*37.29*	
33 61 13 00-0120	EA	1" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,111.24	
		For High-Density Polyethylene (HDPE) Jacket, Add	*38.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0121	EA	1-1/4" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,411.37	
		For High-Density Polyethylene (HDPE) Jacket, Add	*43.43*	
33 61 13 00-0122	EA	1-1/2" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,662.12	
		For High-Density Polyethylene (HDPE) Jacket, Add	*47.38*	
33 61 13 00-0123	EA	2" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,907.31	
		For High-Density Polyethylene (HDPE) Jacket, Add	*49.35*	
33 61 13 00-0124	EA	2-1/2" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,209.31	
		For High-Density Polyethylene (HDPE) Jacket, Add	*51.32*	
33 61 13 00-0125	EA	3" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,715.37	
		For High-Density Polyethylene (HDPE) Jacket, Add	*59.22*	
33 61 13 00-0126	EA	4" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,335.21	
		For High-Density Polyethylene (HDPE) Jacket, Add	*69.09*	
33 61 13 00-0127	EA	5" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	5,387.45	
		For High-Density Polyethylene (HDPE) Jacket, Add	*88.83*	
33 61 13 00-0128	EA	6" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	6,035.15	
		For High-Density Polyethylene (HDPE) Jacket, Add	*100.89*	
33 61 13 00-0129	EA	8" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	8,612.25	
		For High-Density Polyethylene (HDPE) Jacket, Add	*145.86*	
33 61 13 00-0130	EA	10" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	11,277.83	
		For High-Density Polyethylene (HDPE) Jacket, Add	*186.43*	
33 61 13 00-0131	EA	12" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	14,683.22	
		For High-Density Polyethylene (HDPE) Jacket, Add	*246.75*	

33 61 13 00-0132 Tees *(33 61 13 00-0117)*

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0133	EA	3/4" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,192.74	
		For High-Density Polyethylene (HDPE) Jacket, Add	*40.08*	
33 61 13 00-0134	EA	1" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,254.35	
		For High-Density Polyethylene (HDPE) Jacket, Add	*41.03*	
33 61 13 00-0135	EA	1-1/4" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,574.22	
		For High-Density Polyethylene (HDPE) Jacket, Add	*46.68*	
33 61 13 00-0136	EA	1-1/2" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,839.78	
		For High-Density Polyethylene (HDPE) Jacket, Add	*50.93*	
33 61 13 00-0137	EA	2" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,092.37	
		For High-Density Polyethylene (HDPE) Jacket, Add	*53.05*	
33 61 13 00-0138	EA	2-1/2" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,401.78	
		For High-Density Polyethylene (HDPE) Jacket, Add	*55.17*	
33 61 13 00-0139	EA	3" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,937.44	
		For High-Density Polyethylene (HDPE) Jacket, Add	*63.66*	
33 61 13 00-0140	EA	4" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,594.30	
		For High-Density Polyethylene (HDPE) Jacket, Add	*74.27*	
33 61 13 00-0141	EA	5" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	5,720.56	
		For High-Density Polyethylene (HDPE) Jacket, Add	*95.49*	
33 61 13 00-0142	EA	6" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	6,413.50	
		For High-Density Polyethylene (HDPE) Jacket, Add	*108.46*	
33 61 13 00-0143	EA	8" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	9,159.21	
		For High-Density Polyethylene (HDPE) Jacket, Add	*156.79*	
33 61 13 00-0144	EA	10" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	11,976.95	
		For High-Density Polyethylene (HDPE) Jacket, Add	*200.41*	
33 61 13 00-0145	EA	12" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	15,608.53	
		For High-Density Polyethylene (HDPE) Jacket, Add	*265.25*	

33 61 13 00-0146 Tees *(33 61 13 00-0117)*

Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0147	EA	3/4" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,332.56	
		For High-Density Polyethylene (HDPE) Jacket, Add	*42.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0148	EA	1" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,397.47	
		For High-Density Polyethylene (HDPE) Jacket, Add	*43.89*	
33 61 13 00-0149	EA	1-1/4" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,737.07	
		For High-Density Polyethylene (HDPE) Jacket, Add	*49.94*	
33 61 13 00-0150	EA	1-1/2" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,017.44	
		For High-Density Polyethylene (HDPE) Jacket, Add	*54.48*	
33 61 13 00-0151	EA	2" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,277.43	
		For High-Density Polyethylene (HDPE) Jacket, Add	*56.75*	
33 61 13 00-0152	EA	2-1/2" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,594.24	
		For High-Density Polyethylene (HDPE) Jacket, Add	*59.02*	
33 61 13 00-0153	EA	3" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,159.51	
		For High-Density Polyethylene (HDPE) Jacket, Add	*68.10*	
33 61 13 00-0154	EA	4" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,853.38	
		For High-Density Polyethylene (HDPE) Jacket, Add	*79.45*	
33 61 13 00-0155	EA	5" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	6,053.67	
		For High-Density Polyethylene (HDPE) Jacket, Add	*102.15*	
33 61 13 00-0156	EA	6" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	6,791.84	
		For High-Density Polyethylene (HDPE) Jacket, Add	*116.03*	
33 61 13 00-0157	EA	8" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	9,706.17	
		For High-Density Polyethylene (HDPE) Jacket, Add	*167.73*	
33 61 13 00-0158	EA	10" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	12,676.06	
		For High-Density Polyethylene (HDPE) Jacket, Add	*214.40*	
33 61 13 00-0159	EA	12" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	16,533.84	
		For High-Density Polyethylene (HDPE) Jacket, Add	*283.76*	
33 61 13 00-0160		Tees *(33 61 13 00-0117)*		
		Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0161	EA	3/4" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,472.38	
		For High-Density Polyethylene (HDPE) Jacket, Add	*45.68*	
33 61 13 00-0162	EA	1" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,540.58	
		For High-Density Polyethylene (HDPE) Jacket, Add	*46.75*	
33 61 13 00-0163	EA	1-1/4" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,899.93	
		For High-Density Polyethylene (HDPE) Jacket, Add	*53.20*	
33 61 13 00-0164	EA	1-1/2" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,195.10	
		For High-Density Polyethylene (HDPE) Jacket, Add	*58.04*	
33 61 13 00-0165	EA	2" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,462.49	
		For High-Density Polyethylene (HDPE) Jacket, Add	*60.45*	
33 61 13 00-0166	EA	2-1/2" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,786.70	
		For High-Density Polyethylene (HDPE) Jacket, Add	*62.87*	
33 61 13 00-0167	EA	3" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,381.59	
		For High-Density Polyethylene (HDPE) Jacket, Add	*72.54*	
33 61 13 00-0168	EA	4" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	5,112.46	
		For High-Density Polyethylene (HDPE) Jacket, Add	*84.63*	
33 61 13 00-0169	EA	5" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	6,386.78	
		For High-Density Polyethylene (HDPE) Jacket, Add	*108.82*	
33 61 13 00-0170	EA	6" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	7,170.19	
		For High-Density Polyethylene (HDPE) Jacket, Add	*123.59*	
33 61 13 00-0171	EA	8" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	10,253.13	
		For High-Density Polyethylene (HDPE) Jacket, Add	*178.67*	
33 61 13 00-0172	EA	10" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	13,375.18	
		For High-Density Polyethylene (HDPE) Jacket, Add	*228.38*	
33 61 13 00-0173	EA	12" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	17,459.14	
		For High-Density Polyethylene (HDPE) Jacket, Add	*302.27*	
33 61 13 00-0174		Reducers *(33 61 13 00-0059)*		
33 61 13 00-0175		Reducers *(33 61 13 00-0174)*		
		Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0176		EA	3/4" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,155.25	
			For High-Density Polyethylene (HDPE) Jacket, Add	*20.84*	
33 61 13 00-0177		EA	1" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,188.44	
			For High-Density Polyethylene (HDPE) Jacket, Add	*21.33*	
33 61 13 00-0178		EA	1-1/4" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,357.76	
			For High-Density Polyethylene (HDPE) Jacket, Add	*24.27*	
33 61 13 00-0179		EA	1-1/2" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,500.02	
			For High-Density Polyethylene (HDPE) Jacket, Add	*26.48*	
33 61 13 00-0180		EA	2" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,643.23	
			For High-Density Polyethylene (HDPE) Jacket, Add	*27.58*	
33 61 13 00-0181		EA	2-1/2" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,830.29	
			For High-Density Polyethylene (HDPE) Jacket, Add	*28.69*	
33 61 13 00-0182		EA	3" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,111.63	
			For High-Density Polyethylene (HDPE) Jacket, Add	*33.10*	
33 61 13 00-0183		EA	4" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,458.97	
			For High-Density Polyethylene (HDPE) Jacket, Add	*38.62*	
33 61 13 00-0184		EA	5" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,048.23	
			For High-Density Polyethylene (HDPE) Jacket, Add	*49.65*	
33 61 13 00-0185		EA	6" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,413.55	
			For High-Density Polyethylene (HDPE) Jacket, Add	*56.39*	
33 61 13 00-0186		EA	8" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,868.95	
			For High-Density Polyethylene (HDPE) Jacket, Add	*81.52*	
33 61 13 00-0187		EA	10" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	6,382.96	
			For High-Density Polyethylene (HDPE) Jacket, Add	*104.20*	
33 61 13 00-0188		EA	12" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	8,300.76	
			For High-Density Polyethylene (HDPE) Jacket, Add	*137.91*	

33 61 13 00-0189 Reducers *(33 61 13 00-0174)*

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0190		EA	3/4" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,233.40	
			For High-Density Polyethylene (HDPE) Jacket, Add	*22.40*	
33 61 13 00-0191		EA	1" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,268.43	
			For High-Density Polyethylene (HDPE) Jacket, Add	*22.93*	
33 61 13 00-0192		EA	1-1/4" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,448.78	
			For High-Density Polyethylene (HDPE) Jacket, Add	*26.09*	
33 61 13 00-0193		EA	1-1/2" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,599.32	
			For High-Density Polyethylene (HDPE) Jacket, Add	*28.47*	
33 61 13 00-0194		EA	2" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,746.66	
			For High-Density Polyethylene (HDPE) Jacket, Add	*29.65*	
33 61 13 00-0195		EA	2-1/2" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,937.86	
			For High-Density Polyethylene (HDPE) Jacket, Add	*30.84*	
33 61 13 00-0196		EA	3" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,235.75	
			For High-Density Polyethylene (HDPE) Jacket, Add	*35.58*	
33 61 13 00-0197		EA	4" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,603.77	
			For High-Density Polyethylene (HDPE) Jacket, Add	*41.51*	
33 61 13 00-0198		EA	5" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,234.41	
			For High-Density Polyethylene (HDPE) Jacket, Add	*53.37*	
33 61 13 00-0199		EA	6" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,625.01	
			For High-Density Polyethylene (HDPE) Jacket, Add	*60.62*	
33 61 13 00-0200		EA	8" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	5,174.67	
			For High-Density Polyethylene (HDPE) Jacket, Add	*87.64*	
33 61 13 00-0201		EA	10" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	6,773.72	
			For High-Density Polyethylene (HDPE) Jacket, Add	*112.02*	
33 61 13 00-0202		EA	12" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	8,817.94	
			For High-Density Polyethylene (HDPE) Jacket, Add	*148.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0203		**Reducers** *(33 61 13 00-0174)*		
		Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0204	EA	3/4" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,311.55	
		For High-Density Polyethylene (HDPE) Jacket, Add	*23.97*	
33 61 13 00-0205	EA	1" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,348.42	
		For High-Density Polyethylene (HDPE) Jacket, Add	*24.53*	
33 61 13 00-0206	EA	1-1/4" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,539.81	
		For High-Density Polyethylene (HDPE) Jacket, Add	*27.91*	
33 61 13 00-0207	EA	1-1/2" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,698.62	
		For High-Density Polyethylene (HDPE) Jacket, Add	*30.45*	
33 61 13 00-0208	EA	2" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,850.10	
		For High-Density Polyethylene (HDPE) Jacket, Add	*31.72*	
33 61 13 00-0209	EA	2-1/2" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,045.44	
		For High-Density Polyethylene (HDPE) Jacket, Add	*32.99*	
33 61 13 00-0210	EA	3" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,359.87	
		For High-Density Polyethylene (HDPE) Jacket, Add	*38.06*	
33 61 13 00-0211	EA	4" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,748.58	
		For High-Density Polyethylene (HDPE) Jacket, Add	*44.41*	
33 61 13 00-0212	EA	5" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,420.59	
		For High-Density Polyethylene (HDPE) Jacket, Add	*57.10*	
33 61 13 00-0213	EA	6" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,836.48	
		For High-Density Polyethylene (HDPE) Jacket, Add	*64.85*	
33 61 13 00-0214	EA	8" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	5,480.36	
		For High-Density Polyethylene (HDPE) Jacket, Add	*93.75*	
33 61 13 00-0215	EA	10" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	7,164.47	
		For High-Density Polyethylene (HDPE) Jacket, Add	*119.83*	
33 61 13 00-0216	EA	12" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	9,335.11	
		For High-Density Polyethylene (HDPE) Jacket, Add	*158.60*	
33 61 13 00-0217		**Reducers** *(33 61 13 00-0174)*		
		Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0218	EA	3/4" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,389.70	
		For High-Density Polyethylene (HDPE) Jacket, Add	*25.53*	
33 61 13 00-0219	EA	1" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,428.41	
		For High-Density Polyethylene (HDPE) Jacket, Add	*26.13*	
33 61 13 00-0220	EA	1-1/4" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,630.83	
		For High-Density Polyethylene (HDPE) Jacket, Add	*29.73*	
33 61 13 00-0221	EA	1-1/2" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,797.91	
		For High-Density Polyethylene (HDPE) Jacket, Add	*32.44*	
33 61 13 00-0222	EA	2" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,953.53	
		For High-Density Polyethylene (HDPE) Jacket, Add	*33.79*	
33 61 13 00-0223	EA	2-1/2" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,153.01	
		For High-Density Polyethylene (HDPE) Jacket, Add	*35.14*	
33 61 13 00-0224	EA	3" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,484.00	
		For High-Density Polyethylene (HDPE) Jacket, Add	*40.55*	
33 61 13 00-0225	EA	4" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,893.39	
		For High-Density Polyethylene (HDPE) Jacket, Add	*47.30*	
33 61 13 00-0226	EA	5" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,606.77	
		For High-Density Polyethylene (HDPE) Jacket, Add	*60.82*	
33 61 13 00-0227	EA	6" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,047.94	
		For High-Density Polyethylene (HDPE) Jacket, Add	*69.08*	
33 61 13 00-0228	EA	8" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	5,786.06	
		For High-Density Polyethylene (HDPE) Jacket, Add	*99.86*	
33 61 13 00-0229	EA	10" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	7,555.22	
		For High-Density Polyethylene (HDPE) Jacket, Add	*127.65*	
33 61 13 00-0230	EA	12" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	9,852.28	
		For High-Density Polyethylene (HDPE) Jacket, Add	*168.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

33 61 13 00-0231 **Preinsulated Type K Copper Pipe** *(33 61 13 00-0001)*
Note: With polyurethane insulation and non-metallic casing. Excludes excavation or backfill.

33 61 13 00-0232 **Type K Copper Carrier Pipe** *(33 61 13 00-0231)*
Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0233	LF	3/4" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	48.61	18.14
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.43*	
33 61 13 00-0234	LF	1" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	52.91	19.58
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.47*	
33 61 13 00-0235	LF	1-1/4" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	57.70	20.80
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.53*	
33 61 13 00-0236	LF	1-1/2" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	61.39	21.97
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.57*	
33 61 13 00-0237	LF	2" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	64.71	23.31
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.60*	
33 61 13 00-0238	LF	2-1/2" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	75.55	28.83
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.65*	
33 61 13 00-0239	LF	3" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	87.68	35.18
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.70*	
33 61 13 00-0240	LF	4" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	111.16	44.81
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.88*	
33 61 13 00-0241	LF	5" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	138.54	54.87
		For High-Density Polyethylene (HDPE) Jacket, Add	*1.13*	
33 61 13 00-0242	LF	6" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	161.72	64.29
		For High-Density Polyethylene (HDPE) Jacket, Add	*1.31*	
33 61 13 00-0243	LF	8" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	211.54	77.99
		For High-Density Polyethylene (HDPE) Jacket, Add	*1.90*	
33 61 13 00-0244	LF	10" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	264.09	92.44
		For High-Density Polyethylene (HDPE) Jacket, Add	*2.51*	
33 61 13 00-0245	LF	12" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	327.10	113.75
		For High-Density Polyethylene (HDPE) Jacket, Add	*3.13*	

33 61 13 00-0246 **Type K Copper Carrier Pipe** *(33 61 13 00-0231)*
Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0247	LF	3/4" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	50.75	18.14
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.47*	
33 61 13 00-0248	LF	1" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	55.26	19.58
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.52*	
33 61 13 00-0249	LF	1-1/4" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	60.35	20.80
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.58*	
33 61 13 00-0250	LF	1-1/2" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	64.24	21.97
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.63*	
33 61 13 00-0251	LF	2" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	67.68	23.31
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.65*	
33 61 13 00-0252	LF	2-1/2" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	78.79	28.83
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.71*	
33 61 13 00-0253	LF	3" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	91.17	35.18
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.77*	
33 61 13 00-0254	LF	4" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	115.56	44.81
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.97*	
33 61 13 00-0255	LF	5" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	144.17	54.87
		For High-Density Polyethylene (HDPE) Jacket, Add	*1.24*	
33 61 13 00-0256	LF	6" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	168.25	64.29
		For High-Density Polyethylene (HDPE) Jacket, Add	*1.44*	
33 61 13 00-0257	LF	8" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	221.05	77.99
		For High-Density Polyethylene (HDPE) Jacket, Add	*2.09*	
33 61 13 00-0258	LF	10" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	276.64	92.44
		For High-Density Polyethylene (HDPE) Jacket, Add	*2.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0259	LF	12" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	342.75	113.75
		For High-Density Polyethylene (HDPE) Jacket, Add	*3.44*	

33 61 13 00-0260 Type K Copper Carrier Pipe *(33 61 13 00-0231)*

Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0261	LF	3/4" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	51.82	18.14
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.49*	
33 61 13 00-0262	LF	1" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	56.44	19.58
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.54*	
33 61 13 00-0263	LF	1-1/4" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	61.68	20.80
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.61*	
33 61 13 00-0264	LF	1-1/2" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	65.66	21.97
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.65*	
33 61 13 00-0265	LF	2" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	69.17	23.31
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.68*	
33 61 13 00-0266	LF	2-1/2" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	80.41	28.83
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.74*	
33 61 13 00-0267	LF	3" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	92.92	35.18
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.80*	
33 61 13 00-0268	LF	4" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	117.76	44.81
		For High-Density Polyethylene (HDPE) Jacket, Add	*1.01*	
33 61 13 00-0269	LF	5" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	146.98	54.87
		For High-Density Polyethylene (HDPE) Jacket, Add	*1.29*	
33 61 13 00-0270	LF	6" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	171.52	64.29
		For High-Density Polyethylene (HDPE) Jacket, Add	*1.50*	
33 61 13 00-0271	LF	8" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	225.81	77.68
		For High-Density Polyethylene (HDPE) Jacket, Add	*2.19*	
33 61 13 00-0272	LF	10" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	282.91	92.44
		For High-Density Polyethylene (HDPE) Jacket, Add	*2.89*	
33 61 13 00-0273	LF	12" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	350.58	113.75
		For High-Density Polyethylene (HDPE) Jacket, Add	*3.60*	

33 61 13 00-0274 Type K Copper Carrier Pipe *(33 61 13 00-0231)*

Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0275	LF	3/4" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	53.43	18.14
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.52*	
33 61 13 00-0276	LF	1" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	58.20	19.58
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.58*	
33 61 13 00-0277	LF	1-1/4" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	63.67	20.80
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.65*	
33 61 13 00-0278	LF	1-1/2" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	67.80	21.97
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.70*	
33 61 13 00-0279	LF	2" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	71.40	23.31
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.73*	
33 61 13 00-0280	LF	2-1/2" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	82.83	28.83
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.79*	
33 61 13 00-0281	LF	3" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	95.54	35.18
		For High-Density Polyethylene (HDPE) Jacket, Add	*0.86*	
33 61 13 00-0282	LF	4" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	121.06	44.81
		For High-Density Polyethylene (HDPE) Jacket, Add	*1.08*	
33 61 13 00-0283	LF	5" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	151.20	54.87
		For High-Density Polyethylene (HDPE) Jacket, Add	*1.38*	
33 61 13 00-0284	LF	6" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	176.42	64.29
		For High-Density Polyethylene (HDPE) Jacket, Add	*1.60*	
33 61 13 00-0285	LF	8" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	232.94	77.68
		For High-Density Polyethylene (HDPE) Jacket, Add	*2.33*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0286		LF	10" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	292.32	92.44
			For High-Density Polyethylene (HDPE) Jacket, Add	*3.07*	
33 61 13 00-0287		LF	12" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	362.32	113.75
			For High-Density Polyethylene (HDPE) Jacket, Add	*3.84*	

33 61 13 00-0288 Preinsulated Copper Fittings *(33 61 13 00-0001)*

33 61 13 00-0289 Elbows *(33 61 13 00-0288)*

33 61 13 00-0290 Elbows *(33 61 13 00-0289)*

Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0291		EA	3/4" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	353.42	
			For High-Density Polyethylene (HDPE) Jacket, Add	*4.88*	
33 61 13 00-0292		EA	1" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	367.62	
			For High-Density Polyethylene (HDPE) Jacket, Add	*5.00*	
33 61 13 00-0293		EA	1-1/4" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	423.49	
			For High-Density Polyethylene (HDPE) Jacket, Add	*5.69*	
33 61 13 00-0294		EA	1-1/2" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	480.28	
			For High-Density Polyethylene (HDPE) Jacket, Add	*6.20*	
33 61 13 00-0295		EA	2" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	578.30	
			For High-Density Polyethylene (HDPE) Jacket, Add	*6.46*	
33 61 13 00-0296		EA	2-1/2" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	709.19	
			For High-Density Polyethylene (HDPE) Jacket, Add	*6.72*	
33 61 13 00-0297		EA	3" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	824.92	
			For High-Density Polyethylene (HDPE) Jacket, Add	*7.75*	
33 61 13 00-0298		EA	4" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	962.76	
			For High-Density Polyethylene (HDPE) Jacket, Add	*9.04*	
33 61 13 00-0299		EA	5" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,127.86	
			For High-Density Polyethylene (HDPE) Jacket, Add	*11.63*	
33 61 13 00-0300		EA	6" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,234.08	
			For High-Density Polyethylene (HDPE) Jacket, Add	*13.21*	
33 61 13 00-0301		EA	8" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,720.55	
			For High-Density Polyethylene (HDPE) Jacket, Add	*19.09*	
33 61 13 00-0302		EA	10" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,352.89	
			For High-Density Polyethylene (HDPE) Jacket, Add	*24.41*	
33 61 13 00-0303		EA	12" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,974.98	
			For High-Density Polyethylene (HDPE) Jacket, Add	*32.30*	

33 61 13 00-0304 Elbows *(33 61 13 00-0289)*

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0305		EA	3/4" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	371.73	
			For High-Density Polyethylene (HDPE) Jacket, Add	*5.25*	
33 61 13 00-0306		EA	1" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	386.35	
			For High-Density Polyethylene (HDPE) Jacket, Add	*5.37*	
33 61 13 00-0307		EA	1-1/4" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	444.81	
			For High-Density Polyethylene (HDPE) Jacket, Add	*6.11*	
33 61 13 00-0308		EA	1-1/2" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	503.54	
			For High-Density Polyethylene (HDPE) Jacket, Add	*6.67*	
33 61 13 00-0309		EA	2" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	602.53	
			For High-Density Polyethylene (HDPE) Jacket, Add	*6.94*	
33 61 13 00-0310		EA	2-1/2" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	734.39	
			For High-Density Polyethylene (HDPE) Jacket, Add	*7.22*	
33 61 13 00-0311		EA	3" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	853.99	
			For High-Density Polyethylene (HDPE) Jacket, Add	*8.33*	
33 61 13 00-0312		EA	4" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	996.67	
			For High-Density Polyethylene (HDPE) Jacket, Add	*9.72*	
33 61 13 00-0313		EA	5" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,171.47	
			For High-Density Polyethylene (HDPE) Jacket, Add	*12.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0314	EA	6" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,283.61	
		For High-Density Polyethylene (HDPE) Jacket, Add	*14.20*	
33 61 13 00-0315	EA	8" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,792.15	
		For High-Density Polyethylene (HDPE) Jacket, Add	*20.53*	
33 61 13 00-0316	EA	10" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,444.41	
		For High-Density Polyethylene (HDPE) Jacket, Add	*26.24*	
33 61 13 00-0317	EA	12" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,096.11	
		For High-Density Polyethylene (HDPE) Jacket, Add	*34.72*	

33 61 13 00-0318 Elbows *(33 61 13 00-0289)*

Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0319	EA	3/4" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	390.03	
		For High-Density Polyethylene (HDPE) Jacket, Add	*5.61*	
33 61 13 00-0320	EA	1" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	405.08	
		For High-Density Polyethylene (HDPE) Jacket, Add	*5.75*	
33 61 13 00-0321	EA	1-1/4" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	466.13	
		For High-Density Polyethylene (HDPE) Jacket, Add	*6.54*	
33 61 13 00-0322	EA	1-1/2" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	526.79	
		For High-Density Polyethylene (HDPE) Jacket, Add	*7.13*	
33 61 13 00-0323	EA	2" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	626.75	
		For High-Density Polyethylene (HDPE) Jacket, Add	*7.43*	
33 61 13 00-0324	EA	2-1/2" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	759.58	
		For High-Density Polyethylene (HDPE) Jacket, Add	*7.73*	
33 61 13 00-0325	EA	3" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	883.07	
		For High-Density Polyethylene (HDPE) Jacket, Add	*8.92*	
33 61 13 00-0326	EA	4" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,030.59	
		For High-Density Polyethylene (HDPE) Jacket, Add	*10.40*	
33 61 13 00-0327	EA	5" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,215.07	
		For High-Density Polyethylene (HDPE) Jacket, Add	*13.37*	
33 61 13 00-0328	EA	6" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,333.42	
		For High-Density Polyethylene (HDPE) Jacket, Add	*15.19*	
33 61 13 00-0329	EA	8" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,863.59	
		For High-Density Polyethylene (HDPE) Jacket, Add	*21.96*	
33 61 13 00-0330	EA	10" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,535.46	
		For High-Density Polyethylene (HDPE) Jacket, Add	*28.07*	
33 61 13 00-0331	EA	12" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,217.58	
		For High-Density Polyethylene (HDPE) Jacket, Add	*37.15*	

33 61 13 00-0332 Elbows *(33 61 13 00-0289)*

Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0333	EA	3/4" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	408.33	
		For High-Density Polyethylene (HDPE) Jacket, Add	*5.98*	
33 61 13 00-0334	EA	1" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	423.82	
		For High-Density Polyethylene (HDPE) Jacket, Add	*6.12*	
33 61 13 00-0335	EA	1-1/4" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	487.45	
		For High-Density Polyethylene (HDPE) Jacket, Add	*6.96*	
33 61 13 00-0336	EA	1-1/2" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	550.05	
		For High-Density Polyethylene (HDPE) Jacket, Add	*7.60*	
33 61 13 00-0337	EA	2" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	650.98	
		For High-Density Polyethylene (HDPE) Jacket, Add	*7.91*	
33 61 13 00-0338	EA	2-1/2" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	784.78	
		For High-Density Polyethylene (HDPE) Jacket, Add	*8.23*	
33 61 13 00-0339	EA	3" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	912.14	
		For High-Density Polyethylene (HDPE) Jacket, Add	*9.50*	
33 61 13 00-0340	EA	4" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,064.50	
		For High-Density Polyethylene (HDPE) Jacket, Add	*11.08*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0341		EA	5" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,258.68	
			For High-Density Polyethylene (HDPE) Jacket, Add	*14.24*	
33 61 13 00-0342		EA	6" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,382.94	
			For High-Density Polyethylene (HDPE) Jacket, Add	*16.18*	
33 61 13 00-0343		EA	8" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,935.19	
			For High-Density Polyethylene (HDPE) Jacket, Add	*23.39*	
33 61 13 00-0344		EA	10" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,626.99	
			For High-Density Polyethylene (HDPE) Jacket, Add	*29.90*	
33 61 13 00-0345		EA	12" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,338.71	
			For High-Density Polyethylene (HDPE) Jacket, Add	*39.57*	

33 61 13 00-0346 Tees *(33 61 13 00-0288)*

33 61 13 00-0347 Tees *(33 61 13 00-0346)*

Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0348		EA	3/4" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	526.42	
			For High-Density Polyethylene (HDPE) Jacket, Add	*7.25*	
33 61 13 00-0349		EA	1" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	547.52	
			For High-Density Polyethylene (HDPE) Jacket, Add	*7.42*	
33 61 13 00-0350		EA	1-1/4" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	630.80	
			For High-Density Polyethylene (HDPE) Jacket, Add	*8.44*	
33 61 13 00-0351		EA	1-1/2" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	715.56	
			For High-Density Polyethylene (HDPE) Jacket, Add	*9.21*	
33 61 13 00-0352		EA	2" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	862.12	
			For High-Density Polyethylene (HDPE) Jacket, Add	*9.59*	
33 61 13 00-0353		EA	2-1/2" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,058.12	
			For High-Density Polyethylene (HDPE) Jacket, Add	*9.98*	
33 61 13 00-0354		EA	3" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,231.61	
			For High-Density Polyethylene (HDPE) Jacket, Add	*11.51*	
33 61 13 00-0355		EA	4" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,437.41	
			For High-Density Polyethylene (HDPE) Jacket, Add	*13.43*	
33 61 13 00-0356		EA	5" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,686.02	
			For High-Density Polyethylene (HDPE) Jacket, Add	*17.27*	
33 61 13 00-0357		EA	6" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,841.90	
			For High-Density Polyethylene (HDPE) Jacket, Add	*19.61*	
33 61 13 00-0358		EA	8" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,564.91	
			For High-Density Polyethylene (HDPE) Jacket, Add	*28.35*	
33 61 13 00-0359		EA	10" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,512.93	
			For High-Density Polyethylene (HDPE) Jacket, Add	*36.24*	
33 61 13 00-0360		EA	12" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,438.23	
			For High-Density Polyethylene (HDPE) Jacket, Add	*47.97*	

33 61 13 00-0361 Tees *(33 61 13 00-0346)*

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0362		EA	3/4" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	553.60	
			For High-Density Polyethylene (HDPE) Jacket, Add	*7.79*	
33 61 13 00-0363		EA	1" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	575.34	
			For High-Density Polyethylene (HDPE) Jacket, Add	*7.98*	
33 61 13 00-0364		EA	1-1/4" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	662.46	
			For High-Density Polyethylene (HDPE) Jacket, Add	*9.08*	
33 61 13 00-0365		EA	1-1/2" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	750.09	
			For High-Density Polyethylene (HDPE) Jacket, Add	*9.90*	
33 61 13 00-0366		EA	2" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	898.10	
			For High-Density Polyethylene (HDPE) Jacket, Add	*10.31*	
33 61 13 00-0367		EA	2-1/2" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,095.53	
			For High-Density Polyethylene (HDPE) Jacket, Add	*10.73*	
33 61 13 00-0368		EA	3" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,274.78	
			For High-Density Polyethylene (HDPE) Jacket, Add	*12.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0369	EA	4" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,487.78	
		For High-Density Polyethylene (HDPE) Jacket, Add	*14.44*	
33 61 13 00-0370	EA	5" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,750.78	
		For High-Density Polyethylene (HDPE) Jacket, Add	*18.56*	
33 61 13 00-0371	EA	6" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,915.45	
		For High-Density Polyethylene (HDPE) Jacket, Add	*21.08*	
33 61 13 00-0372	EA	8" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,671.23	
		For High-Density Polyethylene (HDPE) Jacket, Add	*30.48*	
33 61 13 00-0373	EA	10" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,648.84	
		For High-Density Polyethylene (HDPE) Jacket, Add	*38.96*	
33 61 13 00-0374	EA	12" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,618.11	
		For High-Density Polyethylene (HDPE) Jacket, Add	*51.56*	

33 61 13 00-0375 Tees *(33 61 13 00-0346)*

Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0376	EA	3/4" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	580.78	
		For High-Density Polyethylene (HDPE) Jacket, Add	*8.34*	
33 61 13 00-0377	EA	1" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	603.16	
		For High-Density Polyethylene (HDPE) Jacket, Add	*8.53*	
33 61 13 00-0378	EA	1-1/4" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	694.12	
		For High-Density Polyethylene (HDPE) Jacket, Add	*9.71*	
33 61 13 00-0379	EA	1-1/2" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	784.63	
		For High-Density Polyethylene (HDPE) Jacket, Add	*10.59*	
33 61 13 00-0380	EA	2" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	934.07	
		For High-Density Polyethylene (HDPE) Jacket, Add	*11.03*	
33 61 13 00-0381	EA	2-1/2" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,132.95	
		For High-Density Polyethylene (HDPE) Jacket, Add	*11.47*	
33 61 13 00-0382	EA	3" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,317.95	
		For High-Density Polyethylene (HDPE) Jacket, Add	*13.24*	
33 61 13 00-0383	EA	4" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,538.14	
		For High-Density Polyethylene (HDPE) Jacket, Add	*15.45*	
33 61 13 00-0384	EA	5" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,815.53	
		For High-Density Polyethylene (HDPE) Jacket, Add	*19.86*	
33 61 13 00-0385	EA	6" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,989.41	
		For High-Density Polyethylene (HDPE) Jacket, Add	*22.56*	
33 61 13 00-0386	EA	8" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,776.46	
		For High-Density Polyethylene (HDPE) Jacket, Add	*32.61*	
33 61 13 00-0387	EA	10" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,782.15	
		For High-Density Polyethylene (HDPE) Jacket, Add	*41.68*	
33 61 13 00-0388	EA	12" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,801.01	
		For High-Density Polyethylene (HDPE) Jacket, Add	*55.16*	

33 61 13 00-0389 Tees *(33 61 13 00-0346)*

Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0390	EA	3/4" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	607.96	
		For High-Density Polyethylene (HDPE) Jacket, Add	*8.88*	
33 61 13 00-0391	EA	1" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	630.98	
		For High-Density Polyethylene (HDPE) Jacket, Add	*9.09*	
33 61 13 00-0392	EA	1-1/4" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	725.78	
		For High-Density Polyethylene (HDPE) Jacket, Add	*10.34*	
33 61 13 00-0393	EA	1-1/2" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	819.16	
		For High-Density Polyethylene (HDPE) Jacket, Add	*11.28*	
33 61 13 00-0394	EA	2" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	970.05	
		For High-Density Polyethylene (HDPE) Jacket, Add	*11.75*	
33 61 13 00-0395	EA	2-1/2" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,170.36	
		For High-Density Polyethylene (HDPE) Jacket, Add	*12.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0396	EA	3" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,361.12	
		For High-Density Polyethylene (HDPE) Jacket, Add	*14.10*	
33 61 13 00-0397	EA	4" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,588.51	
		For High-Density Polyethylene (HDPE) Jacket, Add	*16.45*	
33 61 13 00-0398	EA	5" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,880.29	
		For High-Density Polyethylene (HDPE) Jacket, Add	*21.15*	
33 61 13 00-0399	EA	6" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,062.96	
		For High-Density Polyethylene (HDPE) Jacket, Add	*24.03*	
33 61 13 00-0400	EA	8" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,882.79	
		For High-Density Polyethylene (HDPE) Jacket, Add	*34.73*	
33 61 13 00-0401	EA	10" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,918.06	
		For High-Density Polyethylene (HDPE) Jacket, Add	*44.40*	
33 61 13 00-0402	EA	12" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,980.88	
		For High-Density Polyethylene (HDPE) Jacket, Add	*58.76*	

33 61 13 00-0403 Reducers *(33 61 13 00-0288)*

33 61 13 00-0404 Reducers *(33 61 13 00-0403)*

Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0405	EA	3/4" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	301.02	
		For High-Density Polyethylene (HDPE) Jacket, Add	*4.05*	
33 61 13 00-0406	EA	1" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	313.34	
		For High-Density Polyethylene (HDPE) Jacket, Add	*4.15*	
33 61 13 00-0407	EA	1-1/4" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	361.26	
		For High-Density Polyethylene (HDPE) Jacket, Add	*4.72*	
33 61 13 00-0408	EA	1-1/2" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	410.48	
		For High-Density Polyethylene (HDPE) Jacket, Add	*5.15*	
33 61 13 00-0409	EA	2" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	497.75	
		For High-Density Polyethylene (HDPE) Jacket, Add	*5.36*	
33 61 13 00-0410	EA	2-1/2" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	623.15	
		For High-Density Polyethylene (HDPE) Jacket, Add	*5.58*	
33 61 13 00-0411	EA	3" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	718.82	
		For High-Density Polyethylene (HDPE) Jacket, Add	*6.43*	
33 61 13 00-0412	EA	4" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	834.61	
		For High-Density Polyethylene (HDPE) Jacket, Add	*7.51*	
33 61 13 00-0413	EA	5" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	974.58	
		For High-Density Polyethylene (HDPE) Jacket, Add	*9.65*	
33 61 13 00-0414	EA	6" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,064.63	
		For High-Density Polyethylene (HDPE) Jacket, Add	*10.96*	
33 61 13 00-0415	EA	8" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,481.77	
		For High-Density Polyethylene (HDPE) Jacket, Add	*15.85*	
33 61 13 00-0416	EA	10" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,032.76	
		For High-Density Polyethylene (HDPE) Jacket, Add	*20.26*	
33 61 13 00-0417	EA	12" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,562.35	
		For High-Density Polyethylene (HDPE) Jacket, Add	*26.81*	

33 61 13 00-0418 Reducers *(33 61 13 00-0403)*

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0419	EA	3/4" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	316.22	
		For High-Density Polyethylene (HDPE) Jacket, Add	*4.36*	
33 61 13 00-0420	EA	1" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	328.89	
		For High-Density Polyethylene (HDPE) Jacket, Add	*4.46*	
33 61 13 00-0421	EA	1-1/4" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	378.95	
		For High-Density Polyethylene (HDPE) Jacket, Add	*5.07*	
33 61 13 00-0422	EA	1-1/2" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	429.78	
		For High-Density Polyethylene (HDPE) Jacket, Add	*5.53*	
33 61 13 00-0423	EA	2" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	517.86	
		For High-Density Polyethylene (HDPE) Jacket, Add	*5.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0424	EA	2-1/2" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	644.07	
		For High-Density Polyethylene (HDPE) Jacket, Add	*5.99*	
33 61 13 00-0425	EA	3" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	742.95	
		For High-Density Polyethylene (HDPE) Jacket, Add	*6.92*	
33 61 13 00-0426	EA	4" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	862.76	
		For High-Density Polyethylene (HDPE) Jacket, Add	*8.07*	
33 61 13 00-0427	EA	5" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,010.77	
		For High-Density Polyethylene (HDPE) Jacket, Add	*10.38*	
33 61 13 00-0428	EA	6" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,105.74	
		For High-Density Polyethylene (HDPE) Jacket, Add	*11.78*	
33 61 13 00-0429	EA	8" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,541.20	
		For High-Density Polyethylene (HDPE) Jacket, Add	*17.04*	
33 61 13 00-0430	EA	10" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,108.72	
		For High-Density Polyethylene (HDPE) Jacket, Add	*21.78*	
33 61 13 00-0431	EA	12" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,662.89	
		For High-Density Polyethylene (HDPE) Jacket, Add	*28.82*	

33 61 13 00-0432 Reducers *(33 61 13 00-0403)*

Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0433	EA	3/4" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	331.41	
		For High-Density Polyethylene (HDPE) Jacket, Add	*4.66*	
33 61 13 00-0434	EA	1" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	344.44	
		For High-Density Polyethylene (HDPE) Jacket, Add	*4.77*	
33 61 13 00-0435	EA	1-1/4" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	396.65	
		For High-Density Polyethylene (HDPE) Jacket, Add	*5.43*	
33 61 13 00-0436	EA	1-1/2" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	449.08	
		For High-Density Polyethylene (HDPE) Jacket, Add	*5.92*	
33 61 13 00-0437	EA	2" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	537.96	
		For High-Density Polyethylene (HDPE) Jacket, Add	*6.17*	
33 61 13 00-0438	EA	2-1/2" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	664.98	
		For High-Density Polyethylene (HDPE) Jacket, Add	*6.41*	
33 61 13 00-0439	EA	3" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	767.08	
		For High-Density Polyethylene (HDPE) Jacket, Add	*7.40*	
33 61 13 00-0440	EA	4" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	890.91	
		For High-Density Polyethylene (HDPE) Jacket, Add	*8.63*	
33 61 13 00-0441	EA	5" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,046.97	
		For High-Density Polyethylene (HDPE) Jacket, Add	*11.10*	
33 61 13 00-0442	EA	6" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,147.07	
		For High-Density Polyethylene (HDPE) Jacket, Add	*12.61*	
33 61 13 00-0443	EA	8" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,600.23	
		For High-Density Polyethylene (HDPE) Jacket, Add	*18.22*	
33 61 13 00-0444	EA	10" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,184.31	
		For High-Density Polyethylene (HDPE) Jacket, Add	*23.29*	
33 61 13 00-0445	EA	12" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,763.70	
		For High-Density Polyethylene (HDPE) Jacket, Add	*30.83*	

33 61 13 00-0446 Reducers *(33 61 13 00-0403)*

Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0447	EA	3/4" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	346.60	
		For High-Density Polyethylene (HDPE) Jacket, Add	*4.96*	
33 61 13 00-0448	EA	1" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	359.99	
		For High-Density Polyethylene (HDPE) Jacket, Add	*5.08*	
33 61 13 00-0449	EA	1-1/4" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	414.34	
		For High-Density Polyethylene (HDPE) Jacket, Add	*5.78*	
33 61 13 00-0450	EA	1-1/2" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	468.38	
		For High-Density Polyethylene (HDPE) Jacket, Add	*6.31*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0451		EA	2" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	558.07	
			For High-Density Polyethylene (HDPE) Jacket, Add	*6.57*	
33 61 13 00-0452		EA	2-1/2" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	685.89	
			For High-Density Polyethylene (HDPE) Jacket, Add	*6.83*	
33 61 13 00-0453		EA	3" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	791.21	
			For High-Density Polyethylene (HDPE) Jacket, Add	*7.88*	
33 61 13 00-0454		EA	4" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	919.06	
			For High-Density Polyethylene (HDPE) Jacket, Add	*9.20*	
33 61 13 00-0455		EA	5" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,083.16	
			For High-Density Polyethylene (HDPE) Jacket, Add	*11.82*	
33 61 13 00-0456		EA	6" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,188.18	
			For High-Density Polyethylene (HDPE) Jacket, Add	*13.43*	
33 61 13 00-0457		EA	8" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,659.66	
			For High-Density Polyethylene (HDPE) Jacket, Add	*19.41*	
33 61 13 00-0458		EA	10" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,260.27	
			For High-Density Polyethylene (HDPE) Jacket, Add	*24.81*	
33 61 13 00-0459		EA	12" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,864.24	
			For High-Density Polyethylene (HDPE) Jacket, Add	*32.84*	

33 61 13 00-0460 Preinsulated Ductile Iron Carrier Pipe *(33 61 13 00-0001)*

Note: With polyurethane insulation and non-metallic casing. Excludes excavation or backfill.

33 61 13 00-0461 Ductile Iron Carrier Pipe *(33 61 13 00-0460)*

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0462	LF		4" Diameter Preinsulated Ductile Iron Pipe With 1" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	420.23	57.89
33 61 13 00-0463	LF		6" Diameter Preinsulated Ductile Iron Pipe With 1" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	620.27	83.14
33 61 13 00-0464	LF		8" Diameter Preinsulated Ductile Iron Pipe With 1" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	875.38	100.44
33 61 13 00-0465	LF		10" Diameter Preinsulated Ductile Iron Pipe With 1" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	1,137.89	119.53
33 61 13 00-0466	LF		12" Diameter Preinsulated Ductile Iron Pipe With 1" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	1,416.76	147.11

33 61 13 00-0467 Ductile Iron Carrier Pipe *(33 61 13 00-0460)*

Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0468	LF		4" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	459.20	57.93
33 61 13 00-0469	LF		6" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	678.16	83.12
33 61 13 00-0470	LF		8" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	959.64	100.44
33 61 13 00-0471	LF		10" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	1,249.08	119.53
33 61 13 00-0472	LF		12" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	1,555.46	147.11
33 61 13 00-0473	LF		14" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	1,714.82	156.96
33 61 13 00-0474	LF		16" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	1,960.15	168.17
33 61 13 00-0475	LF		18" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	2,237.99	179.39
33 61 13 00-0476	LF		20" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	2,485.06	190.61
33 61 13 00-0477	LF		24" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	3,001.33	207.42

33 61 13 00-0478 Preinsulated Ductile Iron Fittings *(33 61 13 00-0001)*

33 61 13 00-0479 Elbows *(33 61 13 00-0478)*

33 61 13 00-0480 Elbows *(33 61 13 00-0479)*

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0481	EA		4" Diameter Preinsulated Ductile Iron Elbow With 1" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	4,037.65	
33 61 13 00-0482	EA		6" Diameter Preinsulated Ductile Iron Elbow With 1" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	5,698.57	
33 61 13 00-0483	EA		8" Diameter Preinsulated Ductile Iron Elbow With 1" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	8,165.12	
33 61 13 00-0484	EA		10" Diameter Preinsulated Ductile Iron Elbow With 1" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	10,613.49	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0485	EA	12" Diameter Preinsulated Ductile Iron Elbow With 1" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	13,887.09	
33 61 13 00-0486		**Elbows** *(33 61 13 00-0479)*		
		Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0487	EA	4" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	4,519.12	
33 61 13 00-0488	EA	6" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	6,401.66	
33 61 13 00-0489	EA	8" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	9,181.55	
33 61 13 00-0490	EA	10" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	11,912.67	
33 61 13 00-0491	EA	12" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	15,606.61	
33 61 13 00-0492	EA	14" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	19,110.58	
33 61 13 00-0493	EA	16" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	22,857.85	
33 61 13 00-0494	EA	18" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	28,611.64	
33 61 13 00-0495	EA	20" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	36,101.76	
33 61 13 00-0496	EA	24" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	45,685.67	
33 61 13 00-0497		**Tees** *(33 61 13 00-0478)*		
33 61 13 00-0498		**Tees** *(33 61 13 00-0497)*		
		Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0499	EA	4" Diameter Preinsulated Ductile Iron Tee With 1" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	6,004.72	
33 61 13 00-0500	EA	6" Diameter Preinsulated Ductile Iron Tee With 1" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	8,473.18	
33 61 13 00-0501	EA	8" Diameter Preinsulated Ductile Iron Tee With 1" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	12,136.79	
33 61 13 00-0502	EA	10" Diameter Preinsulated Ductile Iron Tee With 1" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	15,782.88	
33 61 13 00-0503	EA	12" Diameter Preinsulated Ductile Iron Tee With 1" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	20,645.78	
33 61 13 00-0504		**Tees** *(33 61 13 00-0497)*		
		Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0505	EA	4" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	6,719.70	
33 61 13 00-0506	EA	6" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	9,517.26	
33 61 13 00-0507	EA	8" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	13,646.18	
33 61 13 00-0508	EA	10" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	17,712.17	
33 61 13 00-0509	EA	12" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	23,199.27	
33 61 13 00-0510	EA	14" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	28,226.19	
33 61 13 00-0511	EA	16" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	33,766.59	
33 61 13 00-0512	EA	18" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	42,266.82	
33 61 13 00-0513	EA	20" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	53,343.58	
33 61 13 00-0514	EA	24" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	67,477.59	
33 61 13 00-0515		**Reducers** *(33 61 13 00-0478)*		
33 61 13 00-0516		**Reducers** *(33 61 13 00-0515)*		
		Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0517	EA	4" Diameter Preinsulated Ductile Iron Reducer With 1" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	3,392.10	
33 61 13 00-0518	EA	6" Diameter Preinsulated Ductile Iron Reducer With 1" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	4,776.21	
33 61 13 00-0519	EA	8" Diameter Preinsulated Ductile Iron Reducer With 1" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	6,838.90	
33 61 13 00-0520	EA	10" Diameter Preinsulated Ductile Iron Reducer With 1" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	8,900.94	
33 61 13 00-0521	EA	12" Diameter Preinsulated Ductile Iron Reducer With 1" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	11,633.37	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0522		Reducers *(33 61 13 00-0515)*		
		Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0523	EA	4" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	3,791.72	
33 61 13 00-0524	EA	6" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	5,359.77	
33 61 13 00-0525	EA	8" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	7,682.52	
33 61 13 00-0526	EA	10" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	9,979.25	
33 61 13 00-0527	EA	12" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	13,060.57	
33 61 13 00-0528	EA	14" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	15,875.16	
33 61 13 00-0529	EA	16" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	18,978.72	
33 61 13 00-0530	EA	18" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	23,682.45	
33 61 13 00-0531	EA	20" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	29,983.88	
33 61 13 00-0532	EA	24" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High-Density Polyethylene (HDPE) Jacket	37,980.25	
33 61 13 00-0533		Tempered Water Piping Pre-Insulated *(33 61 13 00-0001)*		
33 61 13 00-0534		Fiberglass Reinforced Polyester (FRP) Carrier And Casing, 1" Polyurethane Insulation *(33 61 13 00-0533)*		
33 61 13 00-0535	LF	4" Fiberglass Reinforced Polyester (FRP) Carrier And Casing With 1" Polyurethane Insulation	149.25	24.34
33 61 13 00-0536	LF	6" Fiberglass Reinforced Polyester (FRP) Carrier And Casing With 1" Polyurethane Insulation	192.25	26.31
33 61 13 00-0537	LF	8" Fiberglass Reinforced Polyester (FRP) Carrier And Casing With 1" Polyurethane Insulation	269.35	28.97
33 61 13 00-0538	LF	10" Fiberglass Reinforced Polyester (FRP) Carrier And Casing With 1" Polyurethane Insulation	371.78	36.20
33 61 13 00-0539	LF	12" Fiberglass Reinforced Polyester (FRP) Carrier And Casing With 1" Polyurethane Insulation	477.00	44.66
33 61 13 00-0540		Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing, 1" Polyurethane Insulation *(33 61 13 00-0533)*		
33 61 13 00-0541	LF	4" Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing With 1" Polyurethane Insulation	70.37	26.31
33 61 13 00-0542	LF	6" Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing With 1" Polyurethane Insulation	84.83	26.31
33 61 13 00-0543	LF	8" Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing With 1" Polyurethane Insulation	98.54	26.31
33 61 13 00-0544	LF	10" Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing With 1" Polyurethane Insulation	117.84	31.10
33 61 13 00-0545	LF	12" Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing With 1" Polyurethane Insulation	142.39	39.47
33 61 13 00-0546		Polyvinyl Chloride (PVC) Carrier And Casing, 1" Polyurethane Insulation *(33 61 13 00-0533)*		
33 61 13 00-0547	LF	4" Polyvinyl Chloride (PVC) Carrier And Casing With 1" Polyurethane Insulation	70.37	26.31
33 61 13 00-0548	LF	6" Polyvinyl Chloride (PVC) Carrier And Casing With 1" Polyurethane Insulation	84.83	26.31
33 61 13 00-0549	LF	8" Polyvinyl Chloride (PVC) Carrier And Casing With 1" Polyurethane Insulation	97.34	26.31
33 61 13 00-0550	LF	10" Polyvinyl Chloride (PVC) Carrier And Casing With 1" Polyurethane Insulation	117.84	31.10
33 61 13 00-0551	LF	12" Polyvinyl Chloride (PVC) Carrier And Casing With 1" Polyurethane Insulation	142.38	39.47

33 70 Electrical Utilities *(33)*

33 71 Electrical Utility Transmission and Distribution *(33 70)*

33 71 19 Electrical Underground Ducts, Ductbanks and Manholes *(33 71)*

Note: Excludes excavation and backfill. See CSI section 31 23 16 00-0000 for excavation, 31 23 16 36-0016 for backfill.

33 71 19 13 Electrical Manholes and Handholes *(33 71 19)*

33 71 19 13-0001		Electrical Handholes And Pull Boxes *(33 71 19 13)*		
33 71 19 13-0002		Electrical Pull Boxes *(33 71 19 13-0001)*		
		See CSI section 33 05 63 00-0427 for handholes.		
33 71 19 13-0003	EA	24" x 36" x 24", Electric Pull Boxes, Precast Concrete	2,571.32	531.33
33 71 19 13-0004	EA	24" x 36" x 36", Electric Pull Boxes, Precast Concrete	3,117.75	588.94
33 71 19 13-0005	EA	30" x 48" x 36", Electric Pull Boxes, Precast Concrete	3,642.94	640.15
33 71 19 13-0006	EA	36" x 72" x 24", Electric Pull Boxes, Precast Concrete	5,847.23	768.18
33 71 19 13-0007	EA	36" x 60" x 36", Electric Pull Boxes, Precast Concrete	6,278.31	768.18
33 71 19 13-0008	EA	48" x 48" x 36", Electric Pull Boxes, Precast Concrete	6,773.34	800.18
33 71 19 13-0009	EA	48" x 60" x 48", Electric Pull Boxes, Precast Concrete	7,807.29	896.21
33 71 19 13-0010		Electrical Pull Boxes (CALTRANS) *(33 71 19 13-0001)*		
33 71 19 13-0011	EA	Body, CALTRANS 3-1/2 Precast Concrete Pull Box	153.45	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 71 19 13-0012	EA	Concrete Cover, CALTRANS 3-1/2 Precast Concrete Pull Box	59.54	
33 71 19 13-0013	EA	Bolt Down Concrete Cover, CALTRANS 3-1/2 Precast Concrete Pull Box	92.29	
33 71 19 13-0014	EA	Bolt Down Cast Iron Cover, CALTRANS 3-1/2 Precast Concrete Pull Box	191.49	
33 71 19 13-0015	EA	Bolt Down Steel Cover, CALTRANS 3-1/2 Precast Concrete Pull Box	294.34	
		For Galvanized Steel Cover, Add	*49.79*	
33 71 19 13-0016	EA	12" Extension, CALTRANS 3-1/2 Precast Concrete Pull Box	76.47	
33 71 19 13-0017	EA	Flat Plate Base, CALTRANS 3-1/2 Precast Concrete Pull Box	76.47	
33 71 19 13-0018	EA	Body, CALTRANS 5 Precast Concrete Pull Box	220.14	
33 71 19 13-0019	EA	Concrete Cover, CALTRANS 5 Precast Concrete Pull Box	79.01	
33 71 19 13-0020	EA	Bolt Down Concrete Cover, CALTRANS 5 Precast Concrete Pull Box	111.76	
33 71 19 13-0021	EA	Bolt Down Steel Cover, CALTRANS 5 Precast Concrete Pull Box	389.27	
		For Galvanized Steel Cover, Add	*91.29*	
33 71 19 13-0022	EA	12" Extension, CALTRANS 5 Precast Concrete Pull Box	106.90	
33 71 19 13-0023	EA	Flat Plate Base, CALTRANS 5 Precast Concrete Pull Box	100.20	
33 71 19 13-0024	EA	Body, CALTRANS 6 Precast Concrete Pull Box	239.61	
33 71 19 13-0025	EA	Concrete Cover, CALTRANS 6 Precast Concrete Pull Box	105.18	
33 71 19 13-0026	EA	Bolt Down Concrete Cover, CALTRANS 6 Precast Concrete Pull Box	137.93	
33 71 19 13-0027	EA	Bolt Down Steel Cover, CALTRANS 6 Precast Concrete Pull Box	532.90	
		For Galvanized Steel Cover, Add	*127.80*	
33 71 19 13-0028	EA	12" Extension, CALTRANS 6 Precast Concrete Pull Box	126.37	
33 71 19 13-0029	EA	Flat Plate Base, CALTRANS 6 Precast Concrete Pull Box	119.07	
33 71 19 13-0030	EA	6" Return Flat Plate Base, CALTRANS 6 Precast Concrete Pull Box	162.89	
33 71 19 13-0031	EA	Body, CALTRANS 3-1/2-T Precast Concrete Pull Box	331.76	
33 71 19 13-0032	EA	Bolt Down Concrete Cover, CALTRANS 3-1/2-T Precast Concrete Pull Box	467.17	
33 71 19 13-0033	EA	12" Extension, CALTRANS 3-1/2-T Precast Concrete Pull Box	150.71	
33 71 19 13-0034	EA	Flat Plate Base, CALTRANS 3-1/2-T Precast Concrete Pull Box	138.54	
33 71 19 13-0035	EA	Body, CALTRANS 5-T Precast Concrete Pull Box	434.35	
33 71 19 13-0036	EA	Bolt Down Concrete Cover, CALTRANS 5-T Precast Concrete Pull Box	674.09	
33 71 19 13-0037	EA	12" Extension, CALTRANS 5-T Precast Concrete Pull Box	179.93	
33 71 19 13-0038	EA	Flat Plate Base, CALTRANS 5-T Precast Concrete Pull Box	175.06	
33 71 19 13-0039	EA	Body, CALTRANS 6-T Precast Concrete Pull Box	612.06	
33 71 19 13-0040	EA	Bolt Down Concrete Cover, CALTRANS 6-T Precast Concrete Pull Box	941.86	
33 71 19 13-0041	EA	12" Extension, CALTRANS 6-T Precast Concrete Pull Box	301.64	
33 71 19 13-0042	EA	Flat Plate Base, CALTRANS 6-T Precast Concrete Pull Box	235.91	

33 71 19 13-0043 Electrical Property Line Boxes *(33 71 19 13)*

33 71 19 13-0044	EA	3'-6" x 2'-9" x 2' Deep Property Line Box	5,599.09	432.10
33 71 19 13-0045	EA	4'-6" x 3'-6" x 4' Deep Property Line Box	6,598.09	448.11
33 71 19 13-0046	EA	6' x 4' x 5' Deep Property Line Box	7,223.63	544.13
33 71 19 13-0047	EA	11'-6" x 4'-6" x 6' Deep Property Line Box	11,070.20	800.18

33 71 19 13-0048 Manhole Accessories *(33 71 19 13)*

33 71 19 13-0049	EA	6" Precast Grade Ring Riser Casting	534.84	153.95
33 71 19 13-0050	EA	12" Precast Grade Ring Riser Casting	579.22	166.79
33 71 19 13-0051	EA	36" Opening Cast Iron Frame And Cover (NEENAH #R-1640-D)	2,143.06	256.60
33 71 19 13-0052	EA	42" Opening Cast Iron Frame And Cover (NEENAH #R-1740-E1)	2,793.28	320.74
33 71 19 13-0053	EA	Cast Iron Adjusting Ring (NEENAH #R-1979)	919.43	171.28
33 71 19 13-0054	EA	Cast Iron Frame And Cover (NEENAH #R-1640-B)	1,163.21	192.44

33 71 19 23 Trenched Electrical Underground Duct and Ductbanks *(33 71 19)*

33 71 19 23-0001 Underground Ductbank *(33 71 19 23)*

Note: Installation of single or multiple configuration underground utility raceways assembly to have minimum 3" concrete leveling base and encased in concrete envelope. Based on minimum 100' run, minimum 30" bury depth. Includes installation in trench using the appropriate supports, cleaning to remove any obstructions and installation of nylon pull string. Excludes trenching, concrete, backfilling, grading and seeding. Duct Banks are to be installed according to the appropriate sections of the accompanying specifications. Individual rows to be stacked for larger duct bank configurations. See CSI section 03 30 53 00-0001 for concrete.

33 71 19 23-0002 Rigid Galvanized Steel Conduit, Galvanized Rigid Conduit (GRC) Or Rigid Galvanized Steel (RGS), Duct Bank *(33 71 19 23-0001)*

Note: Includes appropriate spacers and fittings.

33 71 19 23-0003	LF	2 At 2", Rigid Galvanized Conduit Duct Bank	35.52
33 71 19 23-0004	LF	4 At 2", Rigid Galvanized Conduit Duct Bank	71.06
33 71 19 23-0005	LF	2 At 3", Rigid Galvanized Conduit Duct Bank	73.10
33 71 19 23-0006	LF	4 At 3", Rigid Galvanized Conduit Duct Bank	146.62
33 71 19 23-0007	LF	2 At 4", Rigid Galvanized Conduit Duct Bank	107.59
33 71 19 23-0008	LF	4 At 4", Rigid Galvanized Conduit Duct Bank	216.37
33 71 19 23-0009	LF	6 At 4", Rigid Galvanized Conduit Duct Bank	325.30

33 71 19 23-0010 Polyvinyl Chloride (PVC), Type EB-20 Duct Bank System *(33 71 19 23-0001)*

Note: Includes appropriate spacers and fittings.

33 71 19 23-0011	LF	1 At 2", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	8.28
33 71 19 23-0012	LF	2 At 2", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	18.20
33 71 19 23-0013	LF	4 At 2", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	34.92
33 71 19 23-0014	LF	1 At 3", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	10.96
33 71 19 23-0015	LF	2 At 3", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	21.89
33 71 19 23-0016	LF	4 At 3", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	44.46

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 71 19 23-0017	LF	1 At 4", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	14.65	
33 71 19 23-0018	LF	2 At 4", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	29.33	
33 71 19 23-0019	LF	4 At 4", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	58.70	
33 71 19 23-0020	LF	6 At 4", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	88.03	
33 71 19 23-0021		Polyvinyl Chloride (PVC), Type DB-60 Duct Bank System *(33 71 19 23-0001)*		
		Note: Includes appropriate spacers and fittings.		
33 71 19 23-0022	LF	1 At 2", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	9.19	
33 71 19 23-0023	LF	2 At 2", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	20.10	
33 71 19 23-0024	LF	4 At 2", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	38.49	
33 71 19 23-0025	LF	1 At 3", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	11.38	
33 71 19 23-0026	LF	2 At 3", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	22.73	
33 71 19 23-0027	LF	4 At 3", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	45.33	
33 71 19 23-0028	LF	1 At 4", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	15.00	
33 71 19 23-0029	LF	2 At 4", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	30.02	
33 71 19 23-0030	LF	4 At 4", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	60.10	
33 71 19 23-0031	LF	6 At 4", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	90.12	
33 71 19 23-0032		Male Or Female Adapters *(33 71 19 23-0001)*		
33 71 19 23-0033	EA	2" Adapter	44.25	
33 71 19 23-0034	EA	3" Adapter	63.84	
33 71 19 23-0035	EA	4" Adapter	82.51	
33 71 19 23-0036		Underground Electrical Concrete Markers *(33 71 19 23)*		
33 71 19 23-0037	EA	36" x 6" x 6", Underground Electric Concrete Marker	384.74	

END OF SECTION 33

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

34 Transportation

34 70 Transportation Construction and Equipment *(34)*

34 71 Roadway Construction *(34 70)*

34 71 13 Vehicle Barriers *(34 71)*

34 71 13 13 Vehicle Median Barriers *(34 71 13)*

34 71 13 13-0001 Concrete Median Barrier *(34 71 13 13)*

34 71 13 13-0002	LF	Median Barrier, Precast, 42" High Single Face	75.83	4.74
34 71 13 13-0003	LF	Median Barrier, Precast, 32" High, 2' Wide Base, Double Face	122.55	4.74
34 71 13 13-0004	LF	Median Barrier, Precast, 42" High, 2' Wide Base, Double Face	171.32	4.74
34 71 13 13-0005	LF	Median Barrier, Cast In Place With Steel Forms	50.97	6.46
34 71 13 13-0006	LF	Median Barrier, Slipformed Concrete	43.56	3.74

34 71 13 16 Vehicle Crash Barriers *(34 71 13)*

34 71 13 16-0001 Impact Barrier, Non-Redirective *(34 71 13 16)*

34 71 13 16-0002 Sand Barrel Impact Attenuator *(34 71 13 16-0001)*

Note: Includes containers, inserts, and lid. Excludes sand.

34 71 13 16-0003	EA	200, 400 Or 700 Lb. Sand Barrel Note: Includes containers, inserts, and lid.	545.81	59.30

34 71 13 26 Vehicle Guide Rails *(34 71 13)*

34 71 13 26-0001 Mobilize Guide Rail Crew *(34 71 13 26)*

34 71 13 26-0002	EA	Mobilize Guide Rail Crew Note: Excludes equipment mobilization.	1,498.33	

34 71 13 26-0003 Corrugated Beam Guide Rail *(34 71 13 26)*

34 71 13 26-0004 Corrugated Beam Guide Railing *(34 71 13 26-0003)*

34 71 13 26-0005 Corrugated Beam Guide Railing. Straight Sections *(34 71 13 26-0004)*

Note: Add additional length for back-up sections.

34 71 13 26-0006	LF	Corrugated Beam Guide Railing	35.41	2.67
34 71 13 26-0007	LF	Corrugated Beam Guide Railing (Rustic)	38.45	2.67

34 71 13 26-0008 Corrugated Beam Guide Railing, Shop Curved *(34 71 13 26-0004)*

Note: Add additional length for back-up sections.

34 71 13 26-0009	LF	Shop Curved Corrugated Beam Guide Railing	47.33	2.67
34 71 13 26-0010	LF	Shop Curved Corrugated Beam Guide Railing (Rustic)	51.52	2.67
34 71 13 26-0011	LF	Shop Curved Corrugated Beam Guide Railing End Note: Treatment for mall barriers driveways, walkways, special end, etc.	126.70	2.67
34 71 13 26-0012	LF	Shop Curved Corrugated Beam Guide Railing (Rustic) End Note: Treatment for mall barriers shop curved corrugated beam guide railing end etc.	138.57	2.67

34 71 13 26-0013 Corrugated Beam Guide Railing, Manufactured End Sections *(34 71 13 26-0003)*

34 71 13 26-0014	EA	Corrugated Beam Guide Railing End Section At Anchor Unit	248.14	35.32
34 71 13 26-0015	EA	Corrugated Beam Guide Railing End Section (Rustic) At Anchor Unit	264.36	35.32
34 71 13 26-0016	EA	Corrugated Beam Guide Railing Flared Or 180 Degree End Section	345.46	35.32
34 71 13 26-0017	EA	Corrugated Beam Guide Railing Flared Or 180 Degree End Section (Rustic)	361.68	35.32
34 71 13 26-0018	EA	Corrugated Beam Guide Railing 225 Degree End Section	345.46	35.32
34 71 13 26-0019	EA	Corrugated Beam Guide Railing 225 Degree End Section (Rustic)	361.68	35.32

34 71 13 26-0020 Corrugated Beam Guide Rail Posts *(34 71 13 26-0003)*

Note: Includes mounting hardware.

34 71 13 26-0021	EA	Standard Post For Corrugated Beam Guide Rail	282.48	17.22
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*4.59*	
34 71 13 26-0022	EA	Standard Post For (Rustic) Corrugated Beam Guide Rail	298.70	17.22
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*4.59*	
34 71 13 26-0023	EA	Extra Long Post For Corrugated Beam Guide Rail	314.92	17.22
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*4.59*	
34 71 13 26-0024	EA	Extra Long Post (Rustic) for Corrugated Beam Guide Rail	331.14	17.22
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*4.59*	
34 71 13 26-0025	EA	6B8-1/2" or Mall Barrier Post for Corrugated Beam Guide Rail	282.48	17.22
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*4.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 71 13 26-0026	EA	Post Struts for Corrugated Beam Guide Rail Mall Barrier Post	412.24	17.22
		For Installation In Rock, Add	*4.59*	
34 71 13 26-0027		**Heavy Post Blocked Out Corrugated Beam Guide Rail Posts** *(34 71 13 26-0003)*		
		Note: Includes mounting hardware. Excludes triangular mounting brackets.		
34 71 13 26-0028	EA	Standard Post For Heavy Post Blocked Out Corrugated Beam Guide	282.48	17.22
34 71 13 26-0029	EA	Standard Rustic Post For Heavy Post Blocked Out Corrugated Beam Guide	298.70	17.22
34 71 13 26-0030	EA	Extra Long Post for Heavy Post Blocked Out Corrugated Beam Guide	314.92	17.22
34 71 13 26-0031	EA	Extra Long Post (Rustic) For heavy post blocked out corrugated beam guide rail	331.14	17.22
		Note: For heavy post blocked out corrugated beam guide (rustic)		
34 71 13 26-0032	EA	Type A Post 1630mm Post	274.37	17.22
		Note: For heavy post blocked out corrugated beam guide rail		
34 71 13 26-0033	EA	Type A Post 1630mm Post (Rustic)	290.59	17.22
		Note: For heavy post blocked out corrugated beam guide rail		
34 71 13 26-0034	EA	Type B Post 1460mm	258.15	17.22
		Note: For heavy post blocked out corrugated beam guide rail		
34 71 13 26-0035	EA	Type B Post 1460mm (Rustic)	274.37	17.22
		Note: For heavy post blocked out corrugated beam guide rail		
34 71 13 26-0036	EA	Type C Post 1290mm	241.93	17.22
		Note: For heavy post blocked out corrugated beam guide rail		
34 71 13 26-0037	EA	Type C Post 1290mm (Rustic)	258.15	17.22
		Note: For heavy post blocked out corrugated beam guide rail		
34 71 13 26-0038	EA	Breakaway Wood Or Steel Post In Steel Foundation Tube	1,096.05	17.22
34 71 13 26-0039	EA	Wood, Metal, Plastic Or Composite Offset Block Or Beam	104.07	17.22
		Note: For heavy post blocked out corrugated beam guide rail.		
34 71 13 26-0040		**Corrugated Beam Guide Rail Accessories** *(34 71 13 26-0003)*		
34 71 13 26-0041	EA	Triangular Mounting Brackets (Galvanized Or Rustic) For All Post Types A, B And C	215.70	40.13
34 71 13 26-0042		**Corrugated Beam Guide Rail Repair for Existing Guide Rail** *(34 71 13 26-0003)*		
		Note: Includes associated hardware.		
34 71 13 26-0043	LF	Removal And Storage Of Corrugated Beam Guide Railing And Post	15.69	
34 71 13 26-0044	EA	Install Stored Post For Corrugated Beam Guide Rail	53.51	
34 71 13 26-0045	LF	Install Stored Corrugated Beam Guide Railing And Post	9.10	
34 71 13 26-0046		**Corrugated Thrie Beam Guide Railing** *(34 71 13 26-0003)*		
34 71 13 26-0047		**Corrugated Thrie Beam Guide Railing. Straight Sections** *(34 71 13 26-0046)*		
		Note: Add additional length for back-up sections.		
34 71 13 26-0048	LF	Corrugated Thrie Beam Guide Railing	87.31	3.37
34 71 13 26-0049	LF	Corrugated Thrie Beam Guide Railing (Rustic)	92.25	3.37
34 71 13 26-0050		**Corrugated Thrie Beam Guide Railing. Shop Curved** *(34 71 13 26-0046)*		
		Note: Add additional length for back-up sections.		
34 71 13 26-0051	LF	Shop Curved Corrugated Thrie Beam Guide Railing	107.08	3.37
34 71 13 26-0052	LF	Shop Curved Corrugated Thrie Beam Guide Railing (Rustic)	112.02	3.37
34 71 13 26-0053		**Corrugated Thrie Beam Guide Rail Posts** *(34 71 13 26-0046)*		
		Note: Includes hardware for mounting.		
34 71 13 26-0054	EA	Standard Post For Corrugated Thrie Beam Guide Rail	361.33	3.37
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For 32" Soil Plate, Add	*7.00*	
34 71 13 26-0055	EA	Standard Post (Rustic) For Corrugated Thrie Beam Guide Rail	377.55	3.37
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For 32" Soil Plate, Add	*7.00*	
34 71 13 26-0056		**Timber Guide Rails** *(34 71 13 26)*		
		Note: Includes drilling and fasteners. Excludes excavation, auguring and concrete.		
34 71 13 26-0057		**Timber Guide Rail Posts** *(34 71 13 26-0056)*		
34 71 13 26-0058	EA	6" x 8" Timber Guide Rail Post	120.59	13.38
34 71 13 26-0059	EA	6" x 9" Timber Guide Rail Post	137.57	13.38
34 71 13 26-0060	EA	10" x 10" Timber Guide Rail Post	270.63	13.38
34 71 13 26-0061	EA	10" x 12" Timber Guide Rail Post	286.50	13.38
34 71 13 26-0062	EA	12" x 12" Timber Guide Rail Post	331.73	13.38
34 71 13 26-0063		**Timber Guide Rails** *(34 71 13 26-0056)*		
		Note: Excludes posts, spacer blocks and steel backup plates.		
34 71 13 26-0064	LF	4" x 9" Timber Guide Rail	14.97	1.61
34 71 13 26-0065	LF	6" x 10" Timber Guide Rail	21.08	1.61
34 71 13 26-0066	LF	6" x 12" Timber Guide Rail	24.66	1.61
34 71 13 26-0067		**Spacer Blocks For Timber Guide Rails** *(34 71 13 26-0056)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 71 13 26-0068	EA	4" x 9" Spacer Block For Timber Guide Rails	19.49	2.14
34 71 13 26-0069	EA	6" x 8" Spacer Block For Timber Guide Rails	22.42	2.14
34 71 13 26-0070	EA	8" x 8" Spacer Block For Timber Guide Rails	26.15	2.14
34 71 13 26-0071		Weathering Steel Backup Plates For Timber Guide Rails *(34 71 13 26-0056)*		
34 71 13 26-0072	LF	6" High, Weathering Steel Backup Plate For Timber Guide Rails	27.15	1.34
34 71 13 26-0073		Weathering Steel Splice And Bearing Plates For Timber Guide Rails *(34 71 13 26-0056)*		
34 71 13 26-0074	EA	Weathering Steel Splice Plate For Timber Guide Rails	188.71	18.73
34 71 13 26-0075	EA	Weathering Steel Bearing Termination Plate For Timber Guide Rails	118.34	13.38
34 71 13 26-0076		Cable Guide Rail *(34 71 13 26)*		
34 71 13 26-0077		Cable Guide Rail *(34 71 13 26-0076)*		
34 71 13 26-0078	LF	Cable (Each Cable) Note: Includes tensioning. Excludes splices.	17.69	2.89
34 71 13 26-0079	EA	Cable Splice With Wedges	513.34	20.07
34 71 13 26-0080		Cable Guide Rail Posts *(34 71 13 26-0076)* Note: Includes hardware for cable mounting.		
34 71 13 26-0081	EA	Standard Post for Cable Guide Rail	319.84	57.41
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*15.31*	
34 71 13 26-0082	EA	Standard Post (Rustic) for Cable Guide Rail	336.06	57.41
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*15.31*	
34 71 13 26-0083	EA	Extra Long Post for Cable Guide Rail	336.06	57.41
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*15.31*	
34 71 13 26-0084	EA	Extra Long Post (Rustic) for Cable Guide Rail	352.28	57.41
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*15.31*	
34 71 13 26-0085	EA	Slip Impact Post Top for Anchor Unit	225.25	22.97
34 71 13 26-0086	EA	Slip Impact Post Base and Keeper Plate Note: For anchor unit.	630.74	22.97
34 71 13 26-0087		Cable Guide Rail Accessories For Breakaway Anchor Angle Systems *(34 71 13 26-0076)*		
34 71 13 26-0088	EA	Turnbuckle Cable End Assembly For Use With Breakaway Anchors	908.92	268.09
34 71 13 26-0089	EA	Turnbuckle Cable End Assembly	342.26	13.40
34 71 13 26-0090	EA	Spring Cable End Assembly (Compensating Device) For Use With Breakaway Anchors	1,144.24	6.66
34 71 13 26-0091	EA	Spring Cable End Assembly (Compensating Device) Without Turnbuckle	1,176.68	6.66
34 71 13 26-0092	EA	Breakaway Anchor Angle	439.57	13.40
34 71 13 26-0093	EA	Standard End Post Cap Assembly	203.51	6.66
34 71 13 26-0094	EA	Driveway End Post Cap Assembly	171.07	6.66
34 71 13 26-0095	EA	End Post Ground Support Plates	89.98	6.66
34 71 13 26-0096	EA	11" Stud Bolt, Cable Guide Rail	77.81	6.66
34 71 13 26-0097	EA	18" Stud Bolt, Cable Guide Rail	94.03	6.66
34 71 13 26-0098	EA	25" Stud Bolt, Cable Guide Rail	110.25	6.66
34 71 13 26-0099	EA	1-1/4" Diameter Turnbuckle, Cable Guide Rail	991.03	13.40
34 71 13 26-0100	EA	1-1/2" Diameter Turnbuckle, Cable Guide Rail	1,055.91	13.40
34 71 13 26-0101	EA	5/8" Diameter Turnbuckle With 12" Take-up And Shackle Ends, Cable Guide Rail	699.08	13.40
34 71 13 26-0102	EA	5/8" Eye Bolt 18" Long, Cable Guide Rail	430.58	6.66
34 71 13 26-0103	EA	3/4" Eye Bolt 8'-6" Long, Cable Guide Rail	439.57	13.40
34 71 13 26-0104	EA	1-5/8" Anchor Rod 10' Long With Plate, Cable Guide Rail	464.68	20.07
34 71 13 26-0105		Cable Guide Rail Accessories For Slip Impact Post Systems *(34 71 13 26-0076)*		
34 71 13 26-0106	EA	Turnbuckle Cable End Assembly Note: For use with slip impact post.	787.88	19.18
34 71 13 26-0107	EA	Spring Cable End Assembly (Compensating Device) Note: For use with slip impact post.	1,566.41	19.18
34 71 13 26-0108	EA	Anchor Angle For Slip Impact Post System	447.27	19.18
34 71 13 26-0109	EA	Cable End Assembly Rod Note: Includes cable end, threaded rod and keeper to anchor angle.	366.18	19.18
34 71 13 26-0110		Cable Guide Rail Repair For Existing Guide Rail *(34 71 13 26-0076)* Note: Includes associated hardware.		
34 71 13 26-0111	LF	Retention Existing Cable (Each Cable)	1.78	
34 71 13 26-0112	LF	Removal And Storage Of Cable Guide Railing	10.77	
34 71 13 26-0113	EA	Install Stored Post For Cable Guide Railing	76.55	
34 71 13 26-0114	LF	Install Stored Cable, (Each Cable) Note: Includes retensioning. Excludes splices.	4.77	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 71 13 26-0115		**6" x 6" Box Beam Guide Rail** *(34 71 13 26)*		
34 71 13 26-0116		**Box Beam Guide Rail, 6" x 6"** *(34 71 13 26-0115)*		
34 71 13 26-0117		**Straight Sections, Box Beam Guide Rail** *(34 71 13 26-0116)*		
34 71 13 26-0118	LF	Box Beam Guide Railing 6" x 6" x 3/16" Galvanized Note: Excludes splices.	105.85	3.37
		For Flush Mounting Directly To Structure, Add	*1.83*	
34 71 13 26-0119	LF	Box Beam Guide Railing 6" x 6" x 3/16" (Rustic) Note: Excludes splices.	120.68	3.37
		For Flush Mounting Directly To Structure, Add	*1.83*	
34 71 13 26-0120	LF	Box Beam Guide Railing 8" x 6" x 3/16" Galvanized Note: Excludes splices	126.15	3.37
		For Flush Mounting Directly To Structure, Add	*1.83*	
34 71 13 26-0121		**Shop Curved, Box Beam Guide Rail** *(34 71 13 26-0116)*		
34 71 13 26-0122	LF	Shop Curved Box Beam Guide Railing 6" x 6" x 3/16" Galvanized Note: Excludes splices.	162.70	3.37
		For Shop Curved At <20' Radius, Add	*2.44*	
		For Flush Mounting Directly To Structure, Add	*1.83*	
34 71 13 26-0123	LF	Shop Curved Box Beam Guide Railing 6" x 6" x 3/16" (Rustic) Note: Excludes splices.	177.53	3.37
		For Shop Curved At <20' Radius, Add	*2.44*	
		For Flush Mounting Directly To Structure, Add	*1.83*	
34 71 13 26-0124	LF	Shop Curved Box Beam Guide Railing 8" x 6" x 3/16" Galvanized Note: Excludes splices.	194.27	3.37
		For Shop Curved At <20' Radius, Add	*2.44*	
		For Flush Mounting Directly To Structure, Add	*1.83*	
34 71 13 26-0125		**Box Beam Guide Rail End Treatment Sections** *(34 71 13 26-0115)* Note: Includes rail, end cover plate and hardware only. Excludes posts and splice.		
34 71 13 26-0126	EA	Box Beam End Piece Guide Railing Section Note: Galvanized excludes splices.	1,675.45	40.13
34 71 13 26-0127	EA	Box Beam End Piece Guide Railing Section (Rustic) Note: Excludes splices.	1,853.86	40.13
34 71 13 26-0128	EA	Box Beam Guide Railing End Treatment Section At Driveway, Galvanized Note: Excludes splices.	1,578.13	40.13
34 71 13 26-0129	EA	Box Beam Guide Railing End Treatment Section At Driveway, (Rustic) Note: Excludes splices.	1,643.01	40.13
34 71 13 26-0130	EA	Box Beam Guiderail End Assembly Note: Includes all components for the first 14'. Includes energy absorbing terminal, bearing plate, steel breakaway post upper and lower assembly, interior sleeve, box beam, post breaker, cable assembly, end tube rail, end tube tie plate, post 1 and post 2.	47,418.64	1,070.23
34 71 13 26-0131		**Splices For Box Beam Guide Rail** *(34 71 13 26-0115)*		
34 71 13 26-0132	EA	Splice For Box Beam Guide Rail	362.45	59.57
34 71 13 26-0133	EA	Splice For Box Beam Guide Rail (Rustic)	475.99	59.57
34 71 13 26-0134		**Box Beam Guide Rail Posts** *(34 71 13 26-0115)* Note: Includes hardware for box beam mounting.		
34 71 13 26-0135	EA	Standard Post For Box Beam Guide Rail	336.06	57.41
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*15.31*	
34 71 13 26-0136	EA	Standard Post (Rustic) for Box Beam Guide Railing	352.28	57.41
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*15.31*	
34 71 13 26-0137	EA	Extra Long Post For Box Beam Guide Rail	368.50	57.41
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*15.31*	
34 71 13 26-0138	EA	Extra Long Post (Rustic) For Box Beam Guide Rail	384.72	57.41
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*15.31*	
34 71 13 26-0139	EA	Type I End Assembly Post	319.84	57.41
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*15.31*	
34 71 13 26-0140	EA	Type I End Assembly Post (Rustic)	336.06	57.41
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*15.31*	
34 71 13 26-0141	EA	Type II End Assembly Post	303.62	57.41
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*15.31*	
34 71 13 26-0142	EA	Type II End Assembly Post (Rustic)	319.84	57.41
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*15.31*	
34 71 13 26-0143		**Box Beam Guide Rail Accessories** *(34 71 13 26-0115)*		
34 71 13 26-0144	EA	Box Beam Guide Rail End Cover Plate	210.68	12.04
34 71 13 26-0145	EA	Box Beam Guide Rail End Cover Plate (Rustic)	226.90	12.04

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 71 13 26-0146		**Box Beam Guide Railing Repair, And Resetting** *(34 71 13 26-0115)*		
		Note: For existing guide rail.		
34 71 13 26-0147	LF	Removal And Storage Of Box Beam Guide Rail And Post	5.28	
34 71 13 26-0148	LF	Reset Box Beam Guide Rail	15.43	
34 71 13 26-0149		**6" x 8" Box Beam Median Barrier** *(34 71 13 26)*		
34 71 13 26-0150		**Box Beam Median Barrier, 6" x 8"** *(34 71 13 26-0149)*		
34 71 13 26-0151		**Straight Sections, Box Beam Median Barrier** *(34 71 13 26-0150)*		
34 71 13 26-0152	LF	Box Beam Median Barrier Galvanized Excludes Splices	171.78	12.04
		For Flush Mounting Directly To Structure, Add	*1.83*	
34 71 13 26-0153	LF	Box Beam Median Barrier (Rustic) Excludes Splices	186.61	12.04
		For Flush Mounting Directly To Structure, Add	*1.83*	
34 71 13 26-0154		**Shop Curved, Box Beam Median Barrier** *(34 71 13 26-0150)*		
34 71 13 26-0155	LF	Shop Curved Box Beam Median Barrier Galvanized	210.75	12.04
		Note: Excludes splices.		
		For Shop Curved At <20' Radius, Add	*2.44*	
		For Flush Mounting Directly To Structure, Add	*1.83*	
34 71 13 26-0156	LF	Shop Curved Box Beam Median Barrier Rustic	259.43	12.04
		Note: Excludes splices.		
		For Shop Curved At <20' Radius, Add	*2.44*	
		For Flush Mounting Directly To Structure, Add	*1.83*	
34 71 13 26-0157		**Box Beam Median Barrier End Treatment Sections** *(34 71 13 26-0149)*		
		Note: Includes rail, end cover plate and hardware. Excludes posts.		
34 71 13 26-0158	EA	Box Beam Median Barrier Type A End Treatment Section, Galvanized	5,551.89	40.13
		Note: Excludes splices and post.		
34 71 13 26-0159	EA	Box Beam Median Barrier Type A End Treatment Section (Rustic)	5,681.64	40.13
		Note: Excludes splices and post.		
34 71 13 26-0160	EA	Box Beam Median Barrier Type B End Treatment Section, Galvanized	5,551.89	40.13
		Note: Excludes splices and post.		
34 71 13 26-0161	EA	Box Beam Median Barrier Type B End Treatment Section (Rustic)	5,681.64	40.13
		Note: Excludes splices and post.		
34 71 13 26-0162		**Splices For Box Beam Median Barrier** *(34 71 13 26-0149)*		
34 71 13 26-0163	EA	Splice for Box Beam Median Barrier	399.64	32.10
34 71 13 26-0164	EA	Splice for Box Beam Median Barrier (Rustic)	642.93	32.10
34 71 13 26-0165		**Box Beam Median Barrier Posts Driven With Soil Plate** *(34 71 13 26-0149)*		
		Note: Includes all associated hardware.		
34 71 13 26-0166	EA	Standard Post for Box Beam Median Barrier	336.06	57.41
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*15.31*	
34 71 13 26-0167	EA	Standard Post (Rustic) for Box Beam Median Barrier	352.28	57.41
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*15.31*	
34 71 13 26-0168	EA	Extra Long Post for Box Beam Median Barrier	368.50	57.41
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*15.31*	
34 71 13 26-0169	EA	Extra Long Post (Rustic) for Box Beam Median Barrier	384.72	57.41
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*15.31*	
34 71 13 26-0170	EA	Type B End Treatment or Rub Back Anchor Post for Box Beam	303.62	57.41
		Note: For median barrier.		
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*15.31*	
34 71 13 26-0171	EA	Type B End Treatment or Rub Back Anchor Post (Rustic)	303.62	57.41
		Note: For box beam median barrier.		
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*15.31*	
34 71 13 26-0172	EA	Type I End Assembly Post for Box Beam Median Barrier to Concrete	368.50	57.41
		Note: For median barrier transition.		
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*15.31*	
34 71 13 26-0173	EA	Type I End Assembly Post (Rustic) for Box Beam Median Barrier	384.72	57.41
		Note: For Concrete median barrier transition.		
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*15.31*	
34 71 13 26-0174		**Box Beam Median Barrier Accessories** *(34 71 13 26-0149)*		
34 71 13 26-0175	EA	Box Beam Median Barrier End Cover Plate	245.55	28.25
34 71 13 26-0176	EA	Box Beam Median Barrier End Cover Plate (Rustic)	261.77	28.25

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 71 13 26-0177		**Box Beam Median Barrier Repair, And Resetting** *(34 71 13 26-0149)* Note: For existing guide rail.		
34 71 13 26-0178	LF	Removal And Storage Of Box Beam Median Barrier and Posts	5.47	
34 71 13 26-0179	LF	Reset Box Beam Median Barrier	16.16	
34 71 13 26-0180		**Universal Guide Rail Items** *(34 71 13 26)*		
34 71 13 26-0181		**Guide Rail Concrete Anchor Units For All Types Of Guide Rail** *(34 71 13 26-0180)* Note: For cast in place or precast. Includes excavation, formwork, concrete, reinforcement, anchor rods and/or imbedded plate. Excludes anchor angle. For anchor angles and other terminal connections, use accessories section for respective guide rail type.		
34 71 13 26-0182	CY	Guide Rail Concrete Anchor Unit	905.98	
		For Each Additional Set Of Anchor Rods, Add	*38.00*	
34 71 13 26-0183	EA	Reset Existing Anchorage Unit for All Types of Guide Rail Note: Includes excavation and backfill.	613.71	
34 71 13 26-0184	EA	Removal Of Guide Rail Concrete Anchor Unit	618.81	
34 71 13 26-0185		**Guide Rail Repair For All Types Of Existing Guide Rail** *(34 71 13 26-0180)* Note: Includes associated hardware.		
34 71 13 26-0186	EA	Straighten And Reset Driven Post For Guide Rail	76.55	
34 71 13 26-0187	EA	Straighten And Reset Post Mounted On Concrete For Guide Rail Note: With base plate for guide rail. Includes new anchor bolts.	99.91	
34 71 13 26-0188		**Additional Wood and Steel Posts** *(34 71 13 26-0180)*		
34 71 13 26-0189	LF	4" x 6" Wood Post	102.60	19.18
		For Installation In Rock, Add	*5.11*	
34 71 13 26-0190	LF	6" x 8" Wood Post	126.93	19.18
		For Installation In Rock, Add	*5.11*	
34 71 13 26-0191	LF	6" x 7/8" Galvanized Steel Post	71.52	19.18
		For Installation In Rock, Add	*5.11*	
34 71 13 26-0192	EA	Base Plate With Anchor Bolts For Mounting Post On Concrete	765.90	19.18
34 71 13 26-0193		**Accessories For All Types of Guide Rail** *(34 71 13 26-0180)*		
34 71 13 26-0194	EA	Reflector For Guard Rail	101.82	
34 71 13 26-0195		**Guide Rail Transitions** *(34 71 13 26)*		
34 71 13 26-0196		**Transition Box Beam Guide Rail To Corrugated Beam** *(34 71 13 26-0195)*		
34 71 13 26-0197	EA	Box Beam To Corrugated Beam Rail Bolted Section	1,330.62	
34 71 13 26-0198	EA	Box Beam To Corrugated Beam Rail Bolted Plate Note: For making cable connections.	681.85	
34 71 13 26-0199		**Transition Box Beam Median Barrier To Corrugated Beam Median** *(34 71 13 26-0195)*		
34 71 13 26-0200	EA	Box Beam Median Barrier To Corrugated Beam Bolted Section	1,363.06	
34 71 13 26-0201	EA	Box Beam Median Barrier To Corrugated Beam Harness Plate Note: For making cable connections.	681.85	
34 71 13 26-0202		**Transition Box Beam Guide Rail To Cable Guide Rail** *(34 71 13 26-0195)*		
34 71 13 26-0203	EA	Box Beam to Cable Guide Rail U-bolt And Plate	197.94	21.41
34 71 13 26-0204		**Transition Box Beam Median Barrier To Concrete Median Barrier** *(34 71 13 26-0195)*		
34 71 13 26-0205	EA	Box Beam Median Barrier To Concrete Barrier End Connection	1,979.40	
34 71 13 26-0206		**Transition Thrie Beam To Concrete Median Barrier** *(34 71 13 26-0195)*		
34 71 13 26-0207	EA	Thrie Beam Terminal Connector At Concrete Median Barrier	1,168.43	
34 71 13 26-0208	EA	Thrie Beam Transition Section To Corrugated Beam Guide Rail	1,573.92	
34 71 13 26-0209		**Resilient Guard Fence And Light Shield** *(34 71 13 26)*		
34 71 13 26-0210	LF	Resilient Guard Fence And Light Shield, Up To 6' High	92.42	8.26
34 71 13 26-0211		**Individual Concrete Guard Rail Posts** *(34 71 13 26)*		
34 71 13 26-0212	EA	6'-5" Concrete Guard Rail Posts, Round	100.96	8.26
34 71 13 26-0213	EA	6'-5" Concrete Posts, Square	112.94	9.28
34 71 13 26-0214	EA	6'-5" Concrete Posts, Triangular	110.00	9.28

34 71 16 Impact Attenuating Devices *(34 71)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 71 16 00-0001		Guard Rail Energy Absorbing Terminals *(34 71 16)* Note: Crushable foam cartridges surrounded by steel guardrail for narrow hazards. QuadGuard System as manufactured by Energy Absorption Systems, Inc.		
34 71 16 00-0002		24" Wide Guard Rail Energy Absorbing Terminals *(34 71 16 00-0001)*		
34 71 16 00-0003	EA	24" Wide, 3 Cartridge Bays, Energy Absorbing Crash Attenuator	39,827.95	3,909.20
34 71 16 00-0004	EA	24" Wide, 5 Cartridge, Bays Energy Absorbing Crash Attenuator	55,356.81	5,212.26
34 71 16 00-0005	EA	24" Wide, 7 Cartridge, Bays Energy Absorbing Crash Attenuator	75,603.54	6,841.09
34 71 16 00-0006	EA	24" Wide, 9 Cartridge, Bays Energy Absorbing Crash Attenuator	83,861.76	8,469.93
34 71 16 00-0007		30" Wide Guard Rail Energy Absorbing Terminals *(34 71 16 00-0001)*		
34 71 16 00-0008	EA	30" Wide, 3 Cartridge Bays, Energy Absorbing Crash Attenuator	42,849.43	4,397.85
34 71 16 00-0009	EA	30" Wide, 5 Cartridge Bays, Energy Absorbing Crash Attenuator	59,741.93	5,863.79
34 71 16 00-0010	EA	30" Wide, 7 Cartridge Bays, Energy Absorbing Crash Attenuator	82,038.48	7,818.39
34 71 16 00-0011	EA	30" Wide, 9 Cartridge Bays, Energy Absorbing Crash Attenuator	93,855.41	9,447.23
34 71 16 00-0012		36" Wide Guard Rail Energy Absorbing Terminals *(34 71 16 00-0001)*		
34 71 16 00-0013	EA	36" Wide, 3 Cartridge Bays, Energy Absorbing Crash Attenuator	45,906.83	4,886.50
34 71 16 00-0014	EA	36" Wide, 5 Cartridge Bays, Energy Absorbing Crash Attenuator	64,162.15	6,515.33
34 71 16 00-0015	EA	36" Wide, 7 Cartridge Bays, Energy Absorbing Crash Attenuator	87,787.81	8,632.82
34 71 16 00-0016	EA	36" Wide, 9 Cartridge Bays, Energy Absorbing Crash Attenuator	103,812.07	10,424.53
34 71 16 00-0017		69" Wide Guard Rail Energy Absorbing Terminals *(34 71 16 00-0001)*		
34 71 16 00-0018	EA	69" Wide, 3 Cartridge Bays, Energy Absorbing Crash Attenuator	49,694.16	5,375.15
34 71 16 00-0019	EA	69" Wide, 5 Cartridge Bays, Energy Absorbing Crash Attenuator	68,866.92	7,166.86
34 71 16 00-0020	EA	69" Wide, 7 Cartridge Bays, Energy Absorbing Crash Attenuator	94,673.63	9,447.23
34 71 16 00-0021	EA	69" Wide, 9 Cartridge Bays, Energy Absorbing Crash Attenuator	111,419.36	11,401.83
34 71 16 00-0022		90" Wide Guard Rail Energy Absorbing Terminals *(34 71 16 00-0001)*		
34 71 16 00-0023	EA	90" Wide, 3 Cartridge Bays, Energy Absorbing Crash Attenuator	53,587.45	5,863.79
34 71 16 00-0024	EA	90" Wide, 5 Cartridge Bays, Energy Absorbing Crash Attenuator	73,696.15	7,818.39
34 71 16 00-0025	EA	90" Wide, 7 Cartridge Bays, Energy Absorbing Crash Attenuator	102,460.22	10,424.53
34 71 16 00-0026	EA	90" Wide, 9 Cartridge Bays, Energy Absorbing Crash Attenuator	119,245.00	12,379.13
34 71 19		**Vehicle Delineators** *(34 71)*		
34 71 19 16		**Flexible Vehicle Delineators** *(34 71 19)*		
34 71 19 16-0001	EA	2' High, 3" Diameter Flexible Fixed Stanchion Delineator	102.06	10.31
34 71 19 16-0002	EA	3' High, 3" Diameter Flexible Fixed Stanchion Delineator	103.45	10.31
34 71 19 16-0003	EA	3-1/2' High, 3" Diameter Flexible Fixed Stanchion Delineator	104.85	10.31
34 71 19 16-0004	EA	4' High, 3" Diameter Flexible Fixed Stanchion Delineator	106.24	10.31

END OF SECTION 34

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

35 Waterway and Marine Construction

35 05 Common Work Results for Waterway and Marine Construction *(35)*

35 05 70 Common Work Results for Dams *(35 05)*

35 05 70 00-0001 Rubber Dam Repair *(35 05 70)*

35 05 70 00-0002	EA	Class A Rubber Dam Repair (Bullet And Similar Holes)	42.80	
35 05 70 00-0003	SF	Class B Rubber Dam Repair (Minor Surface Rubber Damage)	85.10	
35 05 70 00-0004	SF	Class C Rubber Dam Repair (Major Surface Rubber Damage)	124.79	
35 05 70 00-0005	SF	Class D Rubber Dam Repair (Serious Surface Rubber Damage), Per Layer Of Material	139.25	

35 20 Waterway and Marine Construction and Equipment *(35)*

35 22 Hydraulic Gates *(35 20)*

35 22 26 Sluice Gates *(35 22)*

35 22 26 00-0001 Heavy-Duty Cast Iron Sluice Gates Self Contained *(35 22 26)*

Note: Includes crank operated geared gate lift, anchor bolts, and grouting.

35 22 26 00-0002	EA	18" x 18" Heavy-Duty Sluice Gates Self Contained With Crank Operated Gate	11,361.88	1,310.36
		For Electric Motor Operated Valve, Add	*1,112.08*	
35 22 26 00-0003	EA	24" x 24" Heavy-Duty Sluice Gates Self Contained With Crank Operated Gate	16,270.07	1,965.60
		For Electric Motor Operated Valve, Add	*1,243.12*	
35 22 26 00-0004	EA	30" x 30" Heavy-Duty Sluice Gates Self Contained With Crank Operated Gate	19,710.60	2,246.41
		For Electric Motor Operated Valve, Add	*1,299.28*	
35 22 26 00-0005	EA	36" x 36" Heavy-Duty Sluice Gates Self Contained With Crank Operated Gate	22,482.41	2,457.01
		For Electric Motor Operated Valve, Add	*1,341.40*	
35 22 26 00-0006	EA	42" x 42" Heavy-Duty Sluice Gates Self Contained With Crank Operated Gate	25,229.49	2,808.01
		For Electric Motor Operated Valve, Add	*1,411.60*	
35 22 26 00-0007	EA	48" x 48" Heavy-Duty Sluice Gates Self Contained With Crank Operated Gate	35,316.65	4,492.82
		For Electric Motor Operated Valve, Add	*1,748.56*	
35 22 26 00-0008	EA	54" x 54" Heavy-Duty Sluice Gates Self Contained With Crank Operated Gate	47,073.27	5,616.02
		For Electric Motor Operated Valve, Add	*1,973.20*	
35 22 26 00-0009	EA	60" x 60" Heavy-Duty Sluice Gates Self Contained With Crank Operated Gate	54,871.37	7,441.22
		For Electric Motor Operated Valve, Add	*2,338.25*	
35 22 26 00-0010	EA	66" x 66" Heavy-Duty Sluice Gates Self Contained With Crank Operated Gate	68,285.41	9,828.03
		For Electric Motor Operated Valve, Add	*2,815.61*	
35 22 26 00-0011	EA	72" x 72" Heavy-Duty Sluice Gates Self Contained With Crank Operated Gate	71,657.70	11,232.04
		For Electric Motor Operated Valve, Add	*3,096.41*	
35 22 26 00-0012	EA	78" x 78" Heavy-Duty Sluice Gates Self Contained With Crank Operated Gate	80,438.30	11,232.04
		For Electric Motor Operated Valve, Add	*3,496.41*	
35 22 26 00-0013	EA	84" x 84" Heavy-Duty Sluice Gates Self Contained With Crank Operated Gate	93,313.63	12,636.04
		For Electric Motor Operated Valve, Add	*3,777.21*	
35 22 26 00-0014	EA	90" x 90" Heavy-Duty Sluice Gates Self Contained With Crank Operated Gate	112,046.06	14,427.51
		For Electric Motor Operated Valve, Add	*4,135.50*	
35 22 26 00-0015	EA	96" x 96" Heavy-Duty Sluice Gates Self Contained With Crank Operated Gate	126,387.92	15,114.53
		For Electric Motor Operated Valve, Add	*4,272.91*	
35 22 26 00-0016	EA	108" x 108" Heavy-Duty Sluice Gates Self Contained With Crank Operated Gate	156,691.19	17,862.63
		For Electric Motor Operated Valve, Add	*4,822.53*	
35 22 26 00-0017	EA	120" x 120" Heavy-Duty Sluice Gates Self Contained With Crank Operated Gate	193,588.35	21,984.78
		For Electric Motor Operated Valve, Add	*5,646.96*	
35 22 26 00-0018	EA	132" x 132" Heavy-Duty Sluice Gates Self Contained With Crank Operated Gate	236,363.44	24,732.88
		For Electric Motor Operated Valve, Add	*6,196.58*	

35 22 59 Hydraulic Closure Gates *(35 22)*

35 22 59 00-0001 Steel Slide Gates Self Contained *(35 22 59)*

Note: Includes anchors and bolts.

35 22 59 00-0002	EA	12" x 12" Steel Slide Gates Self Contained Including Anchor Bolts And Grouting	3,904.54	491.40
		For Electric Motor Operated Valve, Add	*948.28*	
35 22 59 00-0003	EA	18" x 18" Steel Slide Gates Self Contained Including Anchor Bolts And Grouting	5,211.52	561.60
		For Electric Motor Operated Valve, Add	*962.32*	
35 22 59 00-0004	EA	24" x 24" Steel Slide Gates Self Contained Including Anchor Bolts And Grouting	5,945.23	655.25
		For Electric Motor Operated Valve, Add	*981.04*	
35 22 59 00-0005	EA	30" x 30" Steel Slide Gates Self Contained Including Anchor Bolts And Grouting	7,184.73	786.25
		For Electric Motor Operated Valve, Add	*1,007.25*	
35 22 59 00-0006	EA	36" x 36" Steel Slide Gates Self Contained Including Anchor Bolts And Grouting	9,196.35	982.81
		For Electric Motor Operated Valve, Add	*1,046.56*	
35 22 59 00-0007	EA	42" x 42" Steel Slide Gates Self Contained Including Anchor Bolts And Grouting	10,765.91	1,310.36
		For Electric Motor Operated Valve, Add	*1,112.08*	
35 22 59 00-0008	EA	48" x 48" Steel Slide Gates Self Contained Including Anchor Bolts And Grouting	14,745.81	1,965.60
		For Electric Motor Operated Valve, Add	*1,243.12*	
35 22 59 00-0009	EA	54" x 54" Steel Slide Gates Self Contained Including Anchor Bolts And Grouting	22,428.61	2,457.01
		For Electric Motor Operated Valve, Add	*1,341.40*	
35 22 59 00-0010	EA	60" x 60" Steel Slide Gates Self Contained Including Anchor Bolts And Grouting	29,197.33	3,931.22
		For Electric Motor Operated Valve, Add	*1,636.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
35 22 59 00-0011	EA	72" x 72" Steel Slide Gates Self Contained Including Anchor Bolts And Grouting	37,082.17	6,552.07
		For Electric Motor Operated Valve, Add	*2,160.41*	
35 22 59 00-0012	SF	Over 36 SF Steel Slide Gates Self Contained Including Anchor	1,028.51	181.12
		For Electric Motor Operated Valve, Add	*1,586.22*	

35 22 59 00-0013 Stainless Steel, Slide Gates, Frame Assembly Only *(35 22 59)*

35 22 59 00-0014	EA	24" x 24" Stainless Steel Slide Gate, Frame Assembly Only	19,641.70	641.63
35 22 59 00-0015	EA	30" x 30" Stainless Steel Slide Gate, Frame Assembly Only	24,285.89	801.69
35 22 59 00-0016	EA	36" x 36" Stainless Steel Slide Gate, Frame Assembly Only	30,971.84	977.18
35 22 59 00-0017	EA	48" x 48" Stainless Steel Slide Gate, Frame Assembly Only	47,276.58	1,871.54
35 22 59 00-0018	EA	60" x 60" Stainless Steel Slide Gate, Frame Assembly Only	69,662.34	4,084.25
35 22 59 00-0019	EA	72" x 72" Stainless Steel Slide Gate, Frame Assembly Only	91,527.99	6,239.39
35 22 59 00-0020	EA	84" x 84" Stainless Steel Slide Gate, Frame Assembly Only	138,263.07	7,800.65
35 22 59 00-0021	Day	Start Up And Training, Stainless Steel Slide Gate, Frame Assembly	3,679.35	

35 22 59 00-0022 Aluminum Flap Gates *(35 22 59)*

35 22 59 00-0023	EA	18" Diameter Aluminum Flap Gates	3,784.27	491.40
		For Electric Motor Operated Valve, Add	*948.28*	
35 22 59 00-0024	EA	20" Diameter Aluminum Flap Gates	4,212.70	526.50
		For Electric Motor Operated Valve, Add	*955.29*	
35 22 59 00-0025	EA	24" Diameter Aluminum Flap Gates	4,637.34	561.60
		For Electric Motor Operated Valve, Add	*962.32*	
35 22 59 00-0026	EA	30" Diameter Aluminum Flap Gates	6,291.38	655.25
		For Electric Motor Operated Valve, Add	*981.04*	
35 22 59 00-0027	EA	36" Diameter Aluminum Flap Gates	7,800.53	786.25
		For Electric Motor Operated Valve, Add	*1,007.25*	
35 22 59 00-0028	EA	42" Diameter Aluminum Flap Gates	11,046.71	982.81
		For Electric Motor Operated Valve, Add	*1,046.56*	
35 22 59 00-0029	EA	48" Diameter Aluminum Flap Gates	13,974.48	1,310.36
		For Electric Motor Operated Valve, Add	*1,112.08*	
35 22 59 00-0030	EA	54" Diameter Aluminum Flap Gates	18,068.38	1,965.60
		For Electric Motor Operated Valve, Add	*1,243.12*	
35 22 59 00-0031	EA	60" Diameter Aluminum Flap Gates	23,876.14	2,808.01
		For Electric Motor Operated Valve, Add	*1,411.60*	
35 22 59 00-0032	EA	66" Diameter Aluminum Flap Gates	30,863.59	3,931.22
		For Electric Motor Operated Valve, Add	*1,636.24*	
35 22 59 00-0033	EA	72" Diameter Aluminum Flap Gates	38,460.11	5,616.02
		For Electric Motor Operated Valve, Add	*1,973.20*	

35 22 59 00-0034 Stainless Steel Flap Gates *(35 22 59)*

35 22 59 00-0035	EA	12" x 12" Stainless Steel Flap Gate	7,935.80	421.20
		For Electric Motor Operated Valve, Add	*934.24*	
35 22 59 00-0036	EA	18" x 18" Stainless Steel Flap Gate	10,167.63	491.40
		For Electric Motor Operated Valve, Add	*948.28*	
35 22 59 00-0037	EA	24" x 24" Stainless Steel Flap Gate	13,106.27	561.60
		For Electric Motor Operated Valve, Add	*962.32*	
35 22 59 00-0038	EA	30" x 30" Stainless Steel Flap Gate	17,063.83	655.67
		For Electric Motor Operated Valve, Add	*981.04*	
35 22 59 00-0039	EA	36" x 36" Stainless Steel Flap Gate	25,329.47	786.25
		For Electric Motor Operated Valve, Add	*1,007.25*	
35 22 59 00-0040	EA	48" x 48" Stainless Steel Flap Gate	37,100.20	1,309.94
		For Electric Motor Operated Valve, Add	*1,112.08*	
35 22 59 00-0041	EA	60" x 60" Stainless Steel Flap Gate	56,826.76	2,808.01
		For Electric Motor Operated Valve, Add	*1,411.60*	
35 22 59 00-0042	EA	72" x 72" Stainless Steel Flap Gate	82,359.68	5,616.02
		For Electric Motor Operated Valve, Add	*1,973.20*	
35 22 59 00-0043	EA	84" x 84" Stainless Steel Flap Gate	118,355.68	11,232.04
		For Electric Motor Operated Valve, Add	*3,096.41*	

35 22 59 00-0044 Cast Iron Flap Gates *(35 22 59)*

35 22 59 00-0045	EA	12" x 12" Cast Iron Flap Gate	14,080.81	526.50
		For Electric Motor Operated Valve, Add	*955.30*	
35 22 59 00-0046	EA	18" x 18" Cast Iron Flap Gate	19,789.85	614.95
		For Electric Motor Operated Valve, Add	*972.85*	
35 22 59 00-0047	EA	24" x 24" Cast Iron Flap Gate	25,271.36	702.00
		For Electric Motor Operated Valve, Add	*990.40*	
35 22 59 00-0048	EA	30" x 30" Cast Iron Flap Gate	35,449.29	818.54
		For Electric Motor Operated Valve, Add	*1,013.80*	
35 22 59 00-0049	EA	36" x 36" Cast Iron Flap Gate	40,027.51	982.81
		For Electric Motor Operated Valve, Add	*1,046.56*	
35 22 59 00-0050	EA	48" x 48" Cast Iron Flap Gate	49,727.81	1,638.47
		For Electric Motor Operated Valve, Add	*1,177.60*	
35 22 59 00-0051	EA	60" x 60" Cast Iron Flap Gate	85,123.88	3,088.81
		For Electric Motor Operated Valve, Add	*1,467.76*	
35 22 59 00-0052	EA	72" x 72" Cast Iron Flap Gate	135,526.32	6,037.22
		For Electric Motor Operated Valve, Add	*2,057.44*	
35 22 59 00-0053	EA	84" x 84" Cast Iron Flap Gate	157,205.78	11,793.64
		For Electric Motor Operated Valve, Add	*3,208.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
35 22 59 00-0054		**Steel Knife Gates Including Handwheel Operator** *(35 22 59)*		
		Note: ANSI 150 PSI. for hub, flange, or spigot ends.		
35 22 59 00-0055	EA	6" Diameter Knife Gates Including Handwheel Operator For Hub	1,986.96	173.74
		For Electric Motor Operated Valve, Add	*884.75*	
35 22 59 00-0056	EA	8" Diameter Knife Gates Including Handwheel Operator For Hub	2,670.47	202.66
		For Electric Motor Operated Valve, Add	*890.54*	
35 22 59 00-0057	EA	10" Diameter Knife Gates Including Handwheel Operator For Hub	3,753.31	304.05
		For Electric Motor Operated Valve, Add	*910.81*	
35 22 59 00-0058	EA	12" Diameter Knife Gates Including Handwheel Operator For Hub	4,689.46	405.45
		For Electric Motor Operated Valve, Add	*931.08*	
35 22 59 00-0059	EA	14" Diameter Knife Gates Including Handwheel Operator For Hub	5,744.00	434.36
		For Electric Motor Operated Valve, Add	*936.87*	
35 22 59 00-0060	EA	16" Diameter Knife Gates Including Handwheel Operator For Hub	7,433.04	467.75
		For Electric Motor Operated Valve, Add	*943.56*	
35 22 59 00-0061	EA	18" Diameter Knife Gates Including Handwheel Operator For Hub	9,877.89	486.49
		For Electric Motor Operated Valve, Add	*947.30*	
35 22 59 00-0062	EA	20" Diameter Knife Gates Including Handwheel Operator For Hub	12,348.98	552.89
		For Electric Motor Operated Valve, Add	*960.57*	
35 22 59 00-0063	EA	24" Diameter Knife Gates Including Handwheel Operator For Hub	15,829.09	608.11
		For Electric Motor Operated Valve, Add	*971.62*	
35 22 59 00-0064	EA	30" Diameter Knife Gates Including Handwheel Operator For Hub	28,802.34	810.77
		For Electric Motor Operated Valve, Add	*1,012.16*	
35 22 59 00-0065	EA	36" Diameter Knife Gates Including Handwheel Operator For Hub	38,323.94	1,216.22
		For Electric Motor Operated Valve, Add	*1,093.24*	
35 22 59 00-0066		**Steel Hollow Jet Flow Gate Valve** *(35 22 59)*		
35 22 59 00-0067	EA	6" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	1,863.31	196.56
		For Electric Motor Operated Valve, Add	*889.31*	
35 22 59 00-0068	EA	8" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	2,878.67	229.55
		For Electric Motor Operated Valve, Add	*895.91*	
35 22 59 00-0069	EA	10" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	3,462.55	343.98
		For Electric Motor Operated Valve, Add	*918.80*	
35 22 59 00-0070	EA	12" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	4,416.09	458.41
		For Electric Motor Operated Valve, Add	*941.70*	
35 22 59 00-0071	EA	14" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	6,630.22	491.40
		For Electric Motor Operated Valve, Add	*948.28*	
35 22 59 00-0072	EA	16" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	7,991.73	529.31
		For Electric Motor Operated Valve, Add	*955.86*	
35 22 59 00-0073	EA	18" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	13,404.67	550.37
		For Electric Motor Operated Valve, Add	*960.08*	
35 22 59 00-0074	EA	20" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	16,853.27	625.48
		For Electric Motor Operated Valve, Add	*975.10*	
35 22 59 00-0075	EA	24" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	24,220.70	687.96
		For Electric Motor Operated Valve, Add	*987.61*	
35 22 59 00-0076	EA	30" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	29,675.98	917.52
		For Electric Motor Operated Valve, Add	*1,033.50*	
35 22 59 00-0077	EA	36" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	42,353.79	1,375.93
		For Electric Motor Operated Valve, Add	*1,125.14*	
35 22 59 00-0078	EA	42" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	50,480.94	1,684.81
		For Electric Motor Operated Valve, Add	*1,587.04*	
35 22 59 00-0079	EA	48" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	59,858.16	1,965.60
		For Electric Motor Operated Valve, Add	*1,643.12*	
35 22 59 00-0080	EA	54" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	78,819.37	2,457.01
		For Electric Motor Operated Valve, Add	*1,741.40*	
35 22 59 00-0081	EA	60" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	87,800.43	2,948.41
		For Electric Motor Operated Valve, Add	*1,839.92*	
35 22 59 00-0082	EA	66" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	112,070.80	4,071.62
		For Electric Motor Operated Valve, Add	*2,064.93*	
35 22 59 00-0083		**Steel Dish Head Valve** *(35 22 59)*		
35 22 59 00-0084	EA	12" Diameter Dish Head Valve	2,384.00	491.40
35 22 59 00-0085	EA	18" Diameter Dish Head Valve	3,429.23	561.60
35 22 59 00-0086	EA	20" Diameter Dish Head Valve	3,946.89	614.26
35 22 59 00-0087	EA	24" Diameter Dish Head Valve	4,645.34	655.25
35 22 59 00-0088	EA	30" Diameter Dish Head Valve	6,954.92	786.25
35 22 59 00-0089	EA	36" Diameter Dish Head Valve	8,573.42	982.81
35 22 59 00-0090	EA	42" Diameter Dish Head Valve	14,347.37	1,310.36
35 22 59 00-0091	EA	48" Diameter Dish Head Valve	18,801.40	1,965.60
35 22 59 00-0092	EA	54" Diameter Dish Head Valve	26,686.74	2,457.01
35 22 59 00-0093	EA	60" Diameter Dish Head Valve	34,397.12	3,931.22
35 22 59 00-0094	EA	66" Diameter Dish Head Valve	47,572.24	4,914.02
35 22 59 00-0095	EA	72" Diameter Dish Head Valve	58,004.14	6,552.07
35 22 63		**Through-Levee Access Gates** *(35 22)*		
35 22 63 00-0001		**Cast Iron Canal Gates** *(35 22 63)*		
35 22 63 00-0002	EA	12" Diameter Cast Iron Canal Gates With Fabricated Frame	3,136.07	491.40
		For Electric Motor Operated Valve, Add	*948.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
35 22 63 00-0003	EA	18" Diameter Cast Iron Canal Gates With Fabricated Frame	4,666.95	561.60
		For Electric Motor Operated Valve, Add	*962.32*	
35 22 63 00-0004	EA	20" Diameter Cast Iron Canal Gates With Fabricated Frame	5,353.84	614.26
		For Electric Motor Operated Valve, Add	*972.85*	
35 22 63 00-0005	EA	24" Diameter Cast Iron Canal Gates With Fabricated Frame	6,435.33	655.25
		For Electric Motor Operated Valve, Add	*981.04*	
35 22 63 00-0006	EA	30" Diameter Cast Iron Canal Gates With Fabricated Frame	9,843.87	786.25
		For Electric Motor Operated Valve, Add	*1,007.25*	
35 22 63 00-0007	EA	36" Diameter Cast Iron Canal Gates With Fabricated Frame	12,120.09	982.81
		For Electric Motor Operated Valve, Add	*1,046.56*	
35 22 63 00-0008	EA	42" Diameter Cast Iron Canal Gates With Fabricated Frame	20,641.45	1,310.36
		For Electric Motor Operated Valve, Add	*1,112.08*	
35 22 63 00-0009	EA	48" Diameter Cast Iron Canal Gates With Fabricated Frame	26,782.79	1,965.60
		For Electric Motor Operated Valve, Add	*1,243.12*	
35 22 63 00-0010	EA	54" Diameter Cast Iron Canal Gates With Fabricated Frame	38,372.97	2,457.01
		For Electric Motor Operated Valve, Add	*1,341.40*	
35 22 63 00-0011	EA	60" Diameter Cast Iron Canal Gates With Fabricated Frame	48,639.29	3,931.22
		For Electric Motor Operated Valve, Add	*1,636.24*	
35 22 63 00-0012	EA	66" Diameter Cast Iron Canal Gates With Fabricated Frame	67,830.97	4,914.02
		For Electric Motor Operated Valve, Add	*1,832.80*	
35 22 63 00-0013	EA	72" Diameter Cast Iron Canal Gates With Fabricated Frame	80,231.70	5,616.02
		For Electric Motor Operated Valve, Add	*1,973.20*	

END OF SECTION 35

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

40 Process Interconnections

40 05 Common Work Results For Process Interconnections *(40)*

40 05 19 Ductile Iron Process Pipe *(40 05)*

40 05 19 00-0001 Flanged End, Cement Lined, Bituminous Seal Coat, Ductile Iron Piping *(40 05 19)*

Note: 350 PSI rating for 2" - 24" sizes, 250 PSI rating for 30" - 48" sizes. Pipe barrels conform to ANSI/AWWA C151/A21.51. The bolt holes are aligned per ANSI/AWWA C115/A21.15. Flanged fittings conform to ANSI/AWWA C110/A21.10. Interiors shall be cement lined in accordance with ANSI/AWWA C104/A21.04. Exterior shall be bituminous coating, in accordance with ANSI/AWWA C104/A21.04. See CSI section 40 05 19 00-4103 for bolts, 40 05 19 00-4118 for gaskets.

40 05 19 00-0002 Flanged End (FxF), Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0001)*

40 05 19 00-0003 4" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

40 05 19 00-0004	EA	4" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		964.76	234.26
		For Class 52 Rating, Deduct		*-67.08*	
		For Class 54 Rating, Add		*95.73*	
		For Class 55 Rating, Add		*144.51*	
		For Class 56 Rating, Add		*192.68*	
40 05 19 00-0005	EA	4" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,036.23	238.35
		For Class 52 Rating, Deduct		*-74.26*	
		For Class 54 Rating, Add		*105.60*	
		For Class 55 Rating, Add		*159.21*	
		For Class 56 Rating, Add		*212.15*	
40 05 19 00-0006	EA	4" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,107.68	242.45
		For Class 52 Rating, Deduct		*-81.44*	
		For Class 54 Rating, Add		*115.46*	
		For Class 55 Rating, Add		*173.91*	
		For Class 56 Rating, Add		*231.62*	
40 05 19 00-0007	EA	4" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,179.13	246.54
		For Class 52 Rating, Deduct		*-88.61*	
		For Class 54 Rating, Add		*125.32*	
		For Class 55 Rating, Add		*188.61*	
		For Class 56 Rating, Add		*251.09*	
40 05 19 00-0008	EA	4" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,250.58	250.64
		For Class 52 Rating, Deduct		*-95.79*	
		For Class 54 Rating, Add		*135.18*	
		For Class 55 Rating, Add		*203.31*	
		For Class 56 Rating, Add		*270.57*	
40 05 19 00-0009	EA	4" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,322.05	254.74
		For Class 52 Rating, Deduct		*-102.97*	
		For Class 54 Rating, Add		*145.04*	
		For Class 55 Rating, Add		*218.01*	
		For Class 56 Rating, Add		*290.04*	
40 05 19 00-0010	EA	4" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,393.50	258.83
		For Class 52 Rating, Deduct		*-110.15*	
		For Class 54 Rating, Add		*154.91*	
		For Class 55 Rating, Add		*232.71*	
		For Class 56 Rating, Add		*309.51*	
40 05 19 00-0011	EA	4" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,464.95	262.93
		For Class 52 Rating, Deduct		*-117.32*	
		For Class 54 Rating, Add		*164.77*	
		For Class 55 Rating, Add		*247.41*	
		For Class 56 Rating, Add		*328.98*	
40 05 19 00-0012	EA	4" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,536.41	267.02
		For Class 52 Rating, Deduct		*-124.50*	
		For Class 54 Rating, Add		*174.63*	
		For Class 55 Rating, Add		*262.11*	
		For Class 56 Rating, Add		*348.45*	
40 05 19 00-0013	EA	4" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,607.87	271.12
		For Class 52 Rating, Deduct		*-131.68*	
		For Class 54 Rating, Add		*184.49*	
		For Class 55 Rating, Add		*276.81*	
		For Class 56 Rating, Add		*367.93*	
40 05 19 00-0014	EA	4" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,679.32	275.21
		For Class 52 Rating, Deduct		*-138.86*	
		For Class 54 Rating, Add		*194.35*	
		For Class 55 Rating, Add		*291.51*	
		For Class 56 Rating, Add		*387.40*	
40 05 19 00-0015	EA	4" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,750.77	279.31
		For Class 52 Rating, Deduct		*-146.03*	
		For Class 54 Rating, Add		*204.22*	
		For Class 55 Rating, Add		*306.21*	
		For Class 56 Rating, Add		*406.87*	
40 05 19 00-0016	EA	4" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,822.23	283.40
		For Class 52 Rating, Deduct		*-153.21*	
		For Class 54 Rating, Add		*214.08*	
		For Class 55 Rating, Add		*320.91*	
		For Class 56 Rating, Add		*426.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0017	EA	4" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,893.68	287.50
		For Class 52 Rating, Deduct	*-160.39*	
		For Class 54 Rating, Add	*223.94*	
		For Class 55 Rating, Add	*335.61*	
		For Class 56 Rating, Add	*445.82*	
40 05 19 00-0018	EA	4" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,965.14	291.59
		For Class 52 Rating, Deduct	*-167.57*	
		For Class 54 Rating, Add	*233.80*	
		For Class 55 Rating, Add	*350.31*	
		For Class 56 Rating, Add	*465.29*	
40 05 19 00-0019	EA	4" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,036.60	295.69
		For Class 52 Rating, Deduct	*-174.74*	
		For Class 54 Rating, Add	*243.66*	
		For Class 55 Rating, Add	*365.01*	
		For Class 56 Rating, Add	*484.76*	
40 05 19 00-0020	EA	4" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,108.05	299.78
		For Class 52 Rating, Deduct	*-181.92*	
		For Class 54 Rating, Add	*253.53*	
		For Class 55 Rating, Add	*379.71*	
		For Class 56 Rating, Add	*504.23*	
40 05 19 00-0021	EA	4" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,179.50	303.88
		For Class 52 Rating, Deduct	*-189.10*	
		For Class 54 Rating, Add	*263.39*	
		For Class 55 Rating, Add	*394.40*	
		For Class 56 Rating, Add	*523.70*	
40 05 19 00-0022	EA	4" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,250.96	307.98
		For Class 52 Rating, Deduct	*-196.28*	
		For Class 54 Rating, Add	*273.25*	
		For Class 55 Rating, Add	*409.10*	
		For Class 56 Rating, Add	*543.18*	
40 05 19 00-0023	EA	4" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,322.42	312.08
		For Class 52 Rating, Deduct	*-203.45*	
		For Class 54 Rating, Add	*283.11*	
		For Class 55 Rating, Add	*423.80*	
		For Class 56 Rating, Add	*562.65*	
40 05 19 00-0024	EA	4" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,393.86	316.17
		For Class 52 Rating, Deduct	*-210.63*	
		For Class 54 Rating, Add	*292.97*	
		For Class 55 Rating, Add	*438.50*	
		For Class 56 Rating, Add	*582.12*	
40 05 19 00-0025	EA	4" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,465.31	320.27
		For Class 52 Rating, Deduct	*-217.81*	
		For Class 54 Rating, Add	*302.83*	
		For Class 55 Rating, Add	*453.20*	
		For Class 56 Rating, Add	*601.59*	
40 05 19 00-0026	EA	4" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,536.77	324.36
		For Class 52 Rating, Deduct	*-224.99*	
		For Class 54 Rating, Add	*312.70*	
		For Class 55 Rating, Add	*467.90*	
		For Class 56 Rating, Add	*621.06*	
40 05 19 00-0027	EA	4" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,608.23	328.45
		For Class 52 Rating, Deduct	*-232.16*	
		For Class 54 Rating, Add	*322.56*	
		For Class 55 Rating, Add	*482.60*	
		For Class 56 Rating, Add	*640.53*	
40 05 19 00-0028	EA	4" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,679.68	332.55
		For Class 52 Rating, Deduct	*-239.34*	
		For Class 54 Rating, Add	*332.42*	
		For Class 55 Rating, Add	*497.30*	
		For Class 56 Rating, Add	*660.01*	
40 05 19 00-0029	EA	4" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,751.14	336.64
		For Class 52 Rating, Deduct	*-246.52*	
		For Class 54 Rating, Add	*342.28*	
		For Class 55 Rating, Add	*512.00*	
		For Class 56 Rating, Add	*679.48*	
40 05 19 00-0030	EA	4" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,822.59	340.74
		For Class 52 Rating, Deduct	*-253.70*	
		For Class 54 Rating, Add	*352.14*	
		For Class 55 Rating, Add	*526.70*	
		For Class 56 Rating, Add	*698.95*	
40 05 19 00-0031	EA	4" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,894.05	344.83
		For Class 52 Rating, Deduct	*-260.87*	
		For Class 54 Rating, Add	*362.01*	
		For Class 55 Rating, Add	*541.40*	
		For Class 56 Rating, Add	*718.42*	
40 05 19 00-0032	EA	4" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,965.50	348.93
		For Class 52 Rating, Deduct	*-268.05*	
		For Class 54 Rating, Add	*371.87*	
		For Class 55 Rating, Add	*556.10*	
		For Class 56 Rating, Add	*737.89*	
40 05 19 00-0033	EA	4" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,036.96	353.02
		For Class 52 Rating, Deduct	*-275.23*	
		For Class 54 Rating, Add	*381.73*	
		For Class 55 Rating, Add	*570.80*	
		For Class 56 Rating, Add	*757.37*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0034		EA	4" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,108.41	357.12
			For Class 52 Rating, Deduct	*-282.41*	
			For Class 54 Rating, Add	*391.59*	
			For Class 55 Rating, Add	*585.50*	
			For Class 56 Rating, Add	*776.84*	
40 05 19 00-0035		EA	4" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,179.87	361.21
			For Class 52 Rating, Deduct	*-289.58*	
			For Class 54 Rating, Add	*401.45*	
			For Class 55 Rating, Add	*600.20*	
			For Class 56 Rating, Add	*796.31*	
40 05 19 00-0036		EA	4" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,251.33	365.32
			For Class 52 Rating, Deduct	*-296.76*	
			For Class 54 Rating, Add	*411.32*	
			For Class 55 Rating, Add	*614.90*	
			For Class 56 Rating, Add	*815.78*	
40 05 19 00-0037		EA	4" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,322.78	369.41
			For Class 52 Rating, Deduct	*-303.94*	
			For Class 54 Rating, Add	*421.18*	
			For Class 55 Rating, Add	*629.60*	
			For Class 56 Rating, Add	*835.26*	
40 05 19 00-0038		EA	4" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,394.23	373.51
			For Class 52 Rating, Deduct	*-311.12*	
			For Class 54 Rating, Add	*431.04*	
			For Class 55 Rating, Add	*644.30*	
			For Class 56 Rating, Add	*854.73*	
40 05 19 00-0039		EA	4" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,465.68	377.60
			For Class 52 Rating, Deduct	*-318.29*	
			For Class 54 Rating, Add	*440.90*	
			For Class 55 Rating, Add	*659.00*	
			For Class 56 Rating, Add	*874.20*	
40 05 19 00-0040		EA	4" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,537.15	381.70
			For Class 52 Rating, Deduct	*-325.47*	
			For Class 54 Rating, Add	*450.76*	
			For Class 55 Rating, Add	*673.70*	
			For Class 56 Rating, Add	*893.67*	
40 05 19 00-0041		EA	4" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,608.60	385.79
			For Class 52 Rating, Deduct	*-332.65*	
			For Class 54 Rating, Add	*460.62*	
			For Class 55 Rating, Add	*688.40*	
			For Class 56 Rating, Add	*913.14*	
40 05 19 00-0042		EA	4" Flanged (FxF), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,680.05	389.89
			For Class 52 Rating, Deduct	*-339.83*	
			For Class 54 Rating, Add	*470.49*	
			For Class 55 Rating, Add	*703.10*	
			For Class 56 Rating, Add	*932.62*	

40 05 19 00-0043 6" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

40 05 19 00-0044		EA	6" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,222.24	294.87
			For Class 52 Rating, Deduct	*-85.30*	
			For Class 54 Rating, Add	*121.68*	
			For Class 55 Rating, Add	*183.65*	
			For Class 56 Rating, Add	*244.85*	
40 05 19 00-0045		EA	6" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,308.75	298.96
			For Class 52 Rating, Deduct	*-94.13*	
			For Class 54 Rating, Add	*133.80*	
			For Class 55 Rating, Add	*201.71*	
			For Class 56 Rating, Add	*268.76*	
40 05 19 00-0046		EA	6" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,395.27	303.06
			For Class 52 Rating, Deduct	*-102.97*	
			For Class 54 Rating, Add	*145.92*	
			For Class 55 Rating, Add	*219.77*	
			For Class 56 Rating, Add	*292.67*	
40 05 19 00-0047		EA	6" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,481.78	307.15
			For Class 52 Rating, Deduct	*-111.80*	
			For Class 54 Rating, Add	*158.04*	
			For Class 55 Rating, Add	*237.82*	
			For Class 56 Rating, Add	*316.59*	
40 05 19 00-0048		EA	6" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,568.29	311.25
			For Class 52 Rating, Deduct	*-120.64*	
			For Class 54 Rating, Add	*170.16*	
			For Class 55 Rating, Add	*255.88*	
			For Class 56 Rating, Add	*340.50*	
40 05 19 00-0049		EA	6" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,654.80	315.34
			For Class 52 Rating, Deduct	*-129.47*	
			For Class 54 Rating, Add	*182.28*	
			For Class 55 Rating, Add	*273.94*	
			For Class 56 Rating, Add	*364.42*	
40 05 19 00-0050		EA	6" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,741.32	319.45
			For Class 52 Rating, Deduct	*-138.30*	
			For Class 54 Rating, Add	*194.40*	
			For Class 55 Rating, Add	*292.00*	
			For Class 56 Rating, Add	*388.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0051	EA	6" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,827.83	323.54
		For Class 52 Rating, Deduct	*-147.14*	
		For Class 54 Rating, Add	*206.53*	
		For Class 55 Rating, Add	*310.05*	
		For Class 56 Rating, Add	*412.25*	
40 05 19 00-0052	EA	6" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,914.33	327.64
		For Class 52 Rating, Deduct	*-155.97*	
		For Class 54 Rating, Add	*218.64*	
		For Class 55 Rating, Add	*328.11*	
		For Class 56 Rating, Add	*436.16*	
40 05 19 00-0053	EA	6" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,000.86	331.73
		For Class 52 Rating, Deduct	*-164.81*	
		For Class 54 Rating, Add	*230.77*	
		For Class 55 Rating, Add	*346.17*	
		For Class 56 Rating, Add	*460.07*	
40 05 19 00-0054	EA	6" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,087.37	335.83
		For Class 52 Rating, Deduct	*-173.64*	
		For Class 54 Rating, Add	*242.89*	
		For Class 55 Rating, Add	*364.23*	
		For Class 56 Rating, Add	*483.99*	
40 05 19 00-0055	EA	6" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,173.88	339.92
		For Class 52 Rating, Deduct	*-182.47*	
		For Class 54 Rating, Add	*255.01*	
		For Class 55 Rating, Add	*382.28*	
		For Class 56 Rating, Add	*507.90*	
40 05 19 00-0056	EA	6" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,260.38	344.02
		For Class 52 Rating, Deduct	*-191.31*	
		For Class 54 Rating, Add	*267.13*	
		For Class 55 Rating, Add	*400.34*	
		For Class 56 Rating, Add	*531.81*	
40 05 19 00-0057	EA	6" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,346.90	348.11
		For Class 52 Rating, Deduct	*-200.14*	
		For Class 54 Rating, Add	*279.25*	
		For Class 55 Rating, Add	*418.40*	
		For Class 56 Rating, Add	*555.73*	
40 05 19 00-0058	EA	6" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,433.42	352.21
		For Class 52 Rating, Deduct	*-208.97*	
		For Class 54 Rating, Add	*291.37*	
		For Class 55 Rating, Add	*436.46*	
		For Class 56 Rating, Add	*579.64*	
40 05 19 00-0059	EA	6" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,519.92	356.30
		For Class 52 Rating, Deduct	*-217.81*	
		For Class 54 Rating, Add	*303.49*	
		For Class 55 Rating, Add	*454.51*	
		For Class 56 Rating, Add	*603.56*	
40 05 19 00-0060	EA	6" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,606.44	360.40
		For Class 52 Rating, Deduct	*-226.64*	
		For Class 54 Rating, Add	*315.61*	
		For Class 55 Rating, Add	*472.57*	
		For Class 56 Rating, Add	*627.47*	
40 05 19 00-0061	EA	6" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,692.95	364.49
		For Class 52 Rating, Deduct	*-235.48*	
		For Class 54 Rating, Add	*327.73*	
		For Class 55 Rating, Add	*490.63*	
		For Class 56 Rating, Add	*651.38*	
40 05 19 00-0062	EA	6" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,779.47	368.58
		For Class 52 Rating, Deduct	*-244.31*	
		For Class 54 Rating, Add	*339.85*	
		For Class 55 Rating, Add	*508.69*	
		For Class 56 Rating, Add	*675.30*	
40 05 19 00-0063	EA	6" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,865.97	372.68
		For Class 52 Rating, Deduct	*-253.14*	
		For Class 54 Rating, Add	*351.97*	
		For Class 55 Rating, Add	*526.74*	
		For Class 56 Rating, Add	*699.21*	
40 05 19 00-0064	EA	6" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,952.49	376.78
		For Class 52 Rating, Deduct	*-261.98*	
		For Class 54 Rating, Add	*364.09*	
		For Class 55 Rating, Add	*544.80*	
		For Class 56 Rating, Add	*723.13*	
40 05 19 00-0065	EA	6" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,039.00	380.88
		For Class 52 Rating, Deduct	*-270.81*	
		For Class 54 Rating, Add	*376.21*	
		For Class 55 Rating, Add	*562.86*	
		For Class 56 Rating, Add	*747.04*	
40 05 19 00-0066	EA	6" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,125.50	384.97
		For Class 52 Rating, Deduct	*-279.64*	
		For Class 54 Rating, Add	*388.33*	
		For Class 55 Rating, Add	*580.91*	
		For Class 56 Rating, Add	*770.95*	
40 05 19 00-0067	EA	6" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,212.03	389.07
		For Class 52 Rating, Deduct	*-288.48*	
		For Class 54 Rating, Add	*400.45*	
		For Class 55 Rating, Add	*598.97*	
		For Class 56 Rating, Add	*794.87*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0068	EA	6" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,298.54	393.16
		For Class 52 Rating, Deduct	*-297.31*	
		For Class 54 Rating, Add	*412.57*	
		For Class 55 Rating, Add	*617.03*	
		For Class 56 Rating, Add	*818.78*	
40 05 19 00-0069	EA	6" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,385.05	397.26
		For Class 52 Rating, Deduct	*-306.15*	
		For Class 54 Rating, Add	*424.70*	
		For Class 55 Rating, Add	*635.09*	
		For Class 56 Rating, Add	*842.70*	
40 05 19 00-0070	EA	6" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,471.56	401.35
		For Class 52 Rating, Deduct	*-314.98*	
		For Class 54 Rating, Add	*436.81*	
		For Class 55 Rating, Add	*653.14*	
		For Class 56 Rating, Add	*866.61*	
40 05 19 00-0071	EA	6" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,558.08	405.45
		For Class 52 Rating, Deduct	*-323.81*	
		For Class 54 Rating, Add	*448.94*	
		For Class 55 Rating, Add	*671.20*	
		For Class 56 Rating, Add	*890.52*	
40 05 19 00-0072	EA	6" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,644.59	409.54
		For Class 52 Rating, Deduct	*-332.65*	
		For Class 54 Rating, Add	*461.06*	
		For Class 55 Rating, Add	*689.26*	
		For Class 56 Rating, Add	*914.44*	
40 05 19 00-0073	EA	6" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,731.10	413.64
		For Class 52 Rating, Deduct	*-341.48*	
		For Class 54 Rating, Add	*473.18*	
		For Class 55 Rating, Add	*707.32*	
		For Class 56 Rating, Add	*938.35*	
40 05 19 00-0074	EA	6" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,817.61	417.73
		For Class 52 Rating, Deduct	*-350.31*	
		For Class 54 Rating, Add	*485.30*	
		For Class 55 Rating, Add	*725.37*	
		For Class 56 Rating, Add	*962.27*	
40 05 19 00-0075	EA	6" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,904.13	421.83
		For Class 52 Rating, Deduct	*-359.15*	
		For Class 54 Rating, Add	*497.42*	
		For Class 55 Rating, Add	*743.43*	
		For Class 56 Rating, Add	*986.18*	
40 05 19 00-0076	EA	6" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,990.64	425.92
		For Class 52 Rating, Deduct	*-367.98*	
		For Class 54 Rating, Add	*509.54*	
		For Class 55 Rating, Add	*761.49*	
		For Class 56 Rating, Add	*1,010.10*	
40 05 19 00-0077	EA	6" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,077.15	430.02
		For Class 52 Rating, Deduct	*-376.82*	
		For Class 54 Rating, Add	*521.66*	
		For Class 55 Rating, Add	*779.55*	
		For Class 56 Rating, Add	*1,034.01*	
40 05 19 00-0078	EA	6" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,163.66	434.12
		For Class 52 Rating, Deduct	*-385.65*	
		For Class 54 Rating, Add	*533.78*	
		For Class 55 Rating, Add	*797.60*	
		For Class 56 Rating, Add	*1,057.92*	
40 05 19 00-0079	EA	6" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,250.17	438.22
		For Class 52 Rating, Deduct	*-394.48*	
		For Class 54 Rating, Add	*545.90*	
		For Class 55 Rating, Add	*815.66*	
		For Class 56 Rating, Add	*1,081.84*	
40 05 19 00-0080	EA	6" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,336.69	442.31
		For Class 52 Rating, Deduct	*-403.32*	
		For Class 54 Rating, Add	*558.02*	
		For Class 55 Rating, Add	*833.72*	
		For Class 56 Rating, Add	*1,105.75*	
40 05 19 00-0081	EA	6" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,423.20	446.40
		For Class 52 Rating, Deduct	*-412.15*	
		For Class 54 Rating, Add	*570.14*	
		For Class 55 Rating, Add	*851.78*	
		For Class 56 Rating, Add	*1,129.66*	
40 05 19 00-0082	EA	6" Flanged (FxF), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,509.71	450.50
		For Class 52 Rating, Deduct	*-420.99*	
		For Class 54 Rating, Add	*582.26*	
		For Class 55 Rating, Add	*869.83*	
		For Class 56 Rating, Add	*1,153.58*	
40 05 19 00-0083		8" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*		
40 05 19 00-0084	EA	8" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,712.75	376.78
		For Class 52 Rating, Deduct	*-125.61*	
		For Class 54 Rating, Add	*178.13*	
		For Class 55 Rating, Add	*268.34*	
		For Class 56 Rating, Add	*357.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0085	EA	8" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,829.37	380.88
		For Class 52 Rating, Deduct	*-137.75*	
		For Class 54 Rating, Add	*194.77*	
		For Class 55 Rating, Add	*293.11*	
		For Class 56 Rating, Add	*390.20*	
40 05 19 00-0086	EA	8" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,945.99	384.97
		For Class 52 Rating, Deduct	*-149.90*	
		For Class 54 Rating, Add	*211.41*	
		For Class 55 Rating, Add	*317.88*	
		For Class 56 Rating, Add	*423.00*	
40 05 19 00-0087	EA	8" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,062.64	389.07
		For Class 52 Rating, Deduct	*-162.05*	
		For Class 54 Rating, Add	*228.05*	
		For Class 55 Rating, Add	*342.66*	
		For Class 56 Rating, Add	*455.80*	
40 05 19 00-0088	EA	8" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,179.26	393.16
		For Class 52 Rating, Deduct	*-174.19*	
		For Class 54 Rating, Add	*244.68*	
		For Class 55 Rating, Add	*367.43*	
		For Class 56 Rating, Add	*488.60*	
40 05 19 00-0089	EA	8" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,295.88	397.26
		For Class 52 Rating, Deduct	*-186.34*	
		For Class 54 Rating, Add	*261.32*	
		For Class 55 Rating, Add	*392.20*	
		For Class 56 Rating, Add	*521.39*	
40 05 19 00-0090	EA	8" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,412.51	401.35
		For Class 52 Rating, Deduct	*-198.48*	
		For Class 54 Rating, Add	*277.96*	
		For Class 55 Rating, Add	*416.98*	
		For Class 56 Rating, Add	*554.19*	
40 05 19 00-0091	EA	8" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,529.14	405.45
		For Class 52 Rating, Deduct	*-210.63*	
		For Class 54 Rating, Add	*294.59*	
		For Class 55 Rating, Add	*441.75*	
		For Class 56 Rating, Add	*586.99*	
40 05 19 00-0092	EA	8" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,645.77	409.54
		For Class 52 Rating, Deduct	*-222.78*	
		For Class 54 Rating, Add	*311.23*	
		For Class 55 Rating, Add	*466.52*	
		For Class 56 Rating, Add	*619.79*	
40 05 19 00-0093	EA	8" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,762.39	413.64
		For Class 52 Rating, Deduct	*-234.92*	
		For Class 54 Rating, Add	*327.87*	
		For Class 55 Rating, Add	*491.30*	
		For Class 56 Rating, Add	*652.58*	
40 05 19 00-0094	EA	8" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,879.02	417.73
		For Class 52 Rating, Deduct	*-247.07*	
		For Class 54 Rating, Add	*344.51*	
		For Class 55 Rating, Add	*516.07*	
		For Class 56 Rating, Add	*685.38*	
40 05 19 00-0095	EA	8" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,995.65	421.83
		For Class 52 Rating, Deduct	*-259.22*	
		For Class 54 Rating, Add	*361.15*	
		For Class 55 Rating, Add	*540.84*	
		For Class 56 Rating, Add	*718.18*	
40 05 19 00-0096	EA	8" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,112.28	425.92
		For Class 52 Rating, Deduct	*-271.36*	
		For Class 54 Rating, Add	*377.79*	
		For Class 55 Rating, Add	*565.62*	
		For Class 56 Rating, Add	*750.98*	
40 05 19 00-0097	EA	8" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,228.91	430.02
		For Class 52 Rating, Deduct	*-283.51*	
		For Class 54 Rating, Add	*394.42*	
		For Class 55 Rating, Add	*590.39*	
		For Class 56 Rating, Add	*783.78*	
40 05 19 00-0098	EA	8" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,345.53	434.12
		For Class 52 Rating, Deduct	*-295.66*	
		For Class 54 Rating, Add	*411.06*	
		For Class 55 Rating, Add	*615.16*	
		For Class 56 Rating, Add	*816.57*	
40 05 19 00-0099	EA	8" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,462.15	438.22
		For Class 52 Rating, Deduct	*-307.80*	
		For Class 54 Rating, Add	*427.70*	
		For Class 55 Rating, Add	*639.93*	
		For Class 56 Rating, Add	*849.37*	
40 05 19 00-0100	EA	8" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,578.79	442.31
		For Class 52 Rating, Deduct	*-319.95*	
		For Class 54 Rating, Add	*444.34*	
		For Class 55 Rating, Add	*664.71*	
		For Class 56 Rating, Add	*882.17*	
40 05 19 00-0101	EA	8" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,695.42	446.40
		For Class 52 Rating, Deduct	*-332.10*	
		For Class 54 Rating, Add	*460.97*	
		For Class 55 Rating, Add	*689.48*	
		For Class 56 Rating, Add	*914.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0102	EA	8" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,812.04	450.50
		For Class 52 Rating, Deduct	*-344.24*	
		For Class 54 Rating, Add	*477.61*	
		For Class 55 Rating, Add	*714.25*	
		For Class 56 Rating, Add	*947.77*	
40 05 19 00-0103	EA	8" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,928.66	454.59
		For Class 52 Rating, Deduct	*-356.39*	
		For Class 54 Rating, Add	*494.25*	
		For Class 55 Rating, Add	*739.03*	
		For Class 56 Rating, Add	*980.56*	
40 05 19 00-0104	EA	8" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,045.31	458.69
		For Class 52 Rating, Deduct	*-368.54*	
		For Class 54 Rating, Add	*510.89*	
		For Class 55 Rating, Add	*763.80*	
		For Class 56 Rating, Add	*1,013.36*	
40 05 19 00-0105	EA	8" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,161.93	462.78
		For Class 52 Rating, Deduct	*-380.68*	
		For Class 54 Rating, Add	*527.53*	
		For Class 55 Rating, Add	*788.57*	
		For Class 56 Rating, Add	*1,046.16*	
40 05 19 00-0106	EA	8" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,278.55	466.88
		For Class 52 Rating, Deduct	*-392.83*	
		For Class 54 Rating, Add	*544.16*	
		For Class 55 Rating, Add	*813.35*	
		For Class 56 Rating, Add	*1,078.96*	
40 05 19 00-0107	EA	8" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,395.17	470.97
		For Class 52 Rating, Deduct	*-404.97*	
		For Class 54 Rating, Add	*560.80*	
		For Class 55 Rating, Add	*838.12*	
		For Class 56 Rating, Add	*1,111.76*	
40 05 19 00-0108	EA	8" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,511.82	475.07
		For Class 52 Rating, Deduct	*-417.12*	
		For Class 54 Rating, Add	*577.44*	
		For Class 55 Rating, Add	*862.89*	
		For Class 56 Rating, Add	*1,144.56*	
40 05 19 00-0109	EA	8" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,628.44	479.16
		For Class 52 Rating, Deduct	*-429.27*	
		For Class 54 Rating, Add	*594.08*	
		For Class 55 Rating, Add	*887.67*	
		For Class 56 Rating, Add	*1,177.35*	
40 05 19 00-0110	EA	8" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,745.06	483.26
		For Class 52 Rating, Deduct	*-441.41*	
		For Class 54 Rating, Add	*610.71*	
		For Class 55 Rating, Add	*912.44*	
		For Class 56 Rating, Add	*1,210.15*	
40 05 19 00-0111	EA	8" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,861.69	487.35
		For Class 52 Rating, Deduct	*-453.56*	
		For Class 54 Rating, Add	*627.35*	
		For Class 55 Rating, Add	*937.21*	
		For Class 56 Rating, Add	*1,242.95*	
40 05 19 00-0112	EA	8" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,978.32	491.45
		For Class 52 Rating, Deduct	*-465.71*	
		For Class 54 Rating, Add	*643.99*	
		For Class 55 Rating, Add	*961.99*	
		For Class 56 Rating, Add	*1,275.75*	
40 05 19 00-0113	EA	8" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,094.95	495.55
		For Class 52 Rating, Deduct	*-477.85*	
		For Class 54 Rating, Add	*660.63*	
		For Class 55 Rating, Add	*986.76*	
		For Class 56 Rating, Add	*1,308.55*	
40 05 19 00-0114	EA	8" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,211.58	499.65
		For Class 52 Rating, Deduct	*-490.00*	
		For Class 54 Rating, Add	*677.27*	
		For Class 55 Rating, Add	*1,011.53*	
		For Class 56 Rating, Add	*1,341.34*	
40 05 19 00-0115	EA	8" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,328.20	503.74
		For Class 52 Rating, Deduct	*-502.15*	
		For Class 54 Rating, Add	*693.90*	
		For Class 55 Rating, Add	*1,036.30*	
		For Class 56 Rating, Add	*1,374.14*	
40 05 19 00-0116	EA	8" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,444.82	507.84
		For Class 52 Rating, Deduct	*-514.29*	
		For Class 54 Rating, Add	*710.54*	
		For Class 55 Rating, Add	*1,061.08*	
		For Class 56 Rating, Add	*1,406.94*	
40 05 19 00-0117	EA	8" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,561.46	511.93
		For Class 52 Rating, Deduct	*-526.44*	
		For Class 54 Rating, Add	*727.18*	
		For Class 55 Rating, Add	*1,085.85*	
		For Class 56 Rating, Add	*1,439.74*	
40 05 19 00-0118	EA	8" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,678.09	516.02
		For Class 52 Rating, Deduct	*-538.59*	
		For Class 54 Rating, Add	*743.82*	
		For Class 55 Rating, Add	*1,110.62*	
		For Class 56 Rating, Add	*1,472.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0119	EA	8" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,794.71	520.12
		For Class 52 Rating, Deduct	*-550.73*	
		For Class 54 Rating, Add	*760.45*	
		For Class 55 Rating, Add	*1,135.40*	
		For Class 56 Rating, Add	*1,505.33*	
40 05 19 00-0120	EA	8" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,911.33	524.21
		For Class 52 Rating, Deduct	*-562.88*	
		For Class 54 Rating, Add	*777.09*	
		For Class 55 Rating, Add	*1,160.17*	
		For Class 56 Rating, Add	*1,538.13*	
40 05 19 00-0121	EA	8" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,027.97	528.31
		For Class 52 Rating, Deduct	*-575.03*	
		For Class 54 Rating, Add	*793.73*	
		For Class 55 Rating, Add	*1,184.94*	
		For Class 56 Rating, Add	*1,570.93*	
40 05 19 00-0122	EA	8" Flanged (FxF), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,144.60	532.40
		For Class 52 Rating, Deduct	*-587.17*	
		For Class 54 Rating, Add	*810.37*	
		For Class 55 Rating, Add	*1,209.72*	
		For Class 56 Rating, Add	*1,603.73*	

40 05 19 00-0123 10" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

40 05 19 00-0124	EA	10" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,160.60	458.69
		For Class 52 Rating, Deduct	*-161.22*	
		For Class 54 Rating, Add	*228.18*	
		For Class 55 Rating, Add	*343.51*	
		For Class 56 Rating, Add	*457.37*	
40 05 19 00-0125	EA	10" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,312.35	462.78
		For Class 52 Rating, Deduct	*-177.23*	
		For Class 54 Rating, Add	*250.09*	
		For Class 55 Rating, Add	*376.12*	
		For Class 56 Rating, Add	*500.54*	
40 05 19 00-0126	EA	10" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,464.11	466.88
		For Class 52 Rating, Deduct	*-193.24*	
		For Class 54 Rating, Add	*272.00*	
		For Class 55 Rating, Add	*408.73*	
		For Class 56 Rating, Add	*543.70*	
40 05 19 00-0127	EA	10" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,615.87	470.97
		For Class 52 Rating, Deduct	*-209.25*	
		For Class 54 Rating, Add	*293.91*	
		For Class 55 Rating, Add	*441.33*	
		For Class 56 Rating, Add	*586.86*	
40 05 19 00-0128	EA	10" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,767.64	475.07
		For Class 52 Rating, Deduct	*-225.26*	
		For Class 54 Rating, Add	*315.81*	
		For Class 55 Rating, Add	*473.94*	
		For Class 56 Rating, Add	*630.02*	
40 05 19 00-0129	EA	10" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,919.40	479.16
		For Class 52 Rating, Deduct	*-241.27*	
		For Class 54 Rating, Add	*337.72*	
		For Class 55 Rating, Add	*506.55*	
		For Class 56 Rating, Add	*673.19*	
40 05 19 00-0130	EA	10" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,071.16	483.26
		For Class 52 Rating, Deduct	*-257.28*	
		For Class 54 Rating, Add	*359.63*	
		For Class 55 Rating, Add	*539.16*	
		For Class 56 Rating, Add	*716.35*	
40 05 19 00-0131	EA	10" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,222.92	487.35
		For Class 52 Rating, Deduct	*-273.30*	
		For Class 54 Rating, Add	*381.54*	
		For Class 55 Rating, Add	*571.77*	
		For Class 56 Rating, Add	*759.51*	
40 05 19 00-0132	EA	10" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,374.68	491.45
		For Class 52 Rating, Deduct	*-289.31*	
		For Class 54 Rating, Add	*403.44*	
		For Class 55 Rating, Add	*604.37*	
		For Class 56 Rating, Add	*802.67*	
40 05 19 00-0133	EA	10" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,526.45	495.55
		For Class 52 Rating, Deduct	*-305.32*	
		For Class 54 Rating, Add	*425.35*	
		For Class 55 Rating, Add	*636.98*	
		For Class 56 Rating, Add	*845.84*	
40 05 19 00-0134	EA	10" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,678.21	499.65
		For Class 52 Rating, Deduct	*-321.33*	
		For Class 54 Rating, Add	*447.26*	
		For Class 55 Rating, Add	*669.59*	
		For Class 56 Rating, Add	*889.00*	
40 05 19 00-0135	EA	10" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,829.97	503.74
		For Class 52 Rating, Deduct	*-337.34*	
		For Class 54 Rating, Add	*469.17*	
		For Class 55 Rating, Add	*702.20*	
		For Class 56 Rating, Add	*932.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0136	EA	10" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,981.73	507.84
		For Class 52 Rating, Deduct	*-353.35*	
		For Class 54 Rating, Add	*491.08*	
		For Class 55 Rating, Add	*734.81*	
		For Class 56 Rating, Add	*975.33*	
40 05 19 00-0137	EA	10" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,133.49	511.93
		For Class 52 Rating, Deduct	*-369.36*	
		For Class 54 Rating, Add	*512.98*	
		For Class 55 Rating, Add	*767.41*	
		For Class 56 Rating, Add	*1,018.49*	
40 05 19 00-0138	EA	10" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,285.26	516.02
		For Class 52 Rating, Deduct	*-385.37*	
		For Class 54 Rating, Add	*534.89*	
		For Class 55 Rating, Add	*800.02*	
		For Class 56 Rating, Add	*1,061.65*	
40 05 19 00-0139	EA	10" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,437.02	520.12
		For Class 52 Rating, Deduct	*-401.39*	
		For Class 54 Rating, Add	*556.80*	
		For Class 55 Rating, Add	*832.63*	
		For Class 56 Rating, Add	*1,104.81*	
40 05 19 00-0140	EA	10" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,588.78	524.21
		For Class 52 Rating, Deduct	*-417.40*	
		For Class 54 Rating, Add	*578.71*	
		For Class 55 Rating, Add	*865.24*	
		For Class 56 Rating, Add	*1,147.98*	
40 05 19 00-0141	EA	10" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,740.54	528.31
		For Class 52 Rating, Deduct	*-433.41*	
		For Class 54 Rating, Add	*600.62*	
		For Class 55 Rating, Add	*897.85*	
		For Class 56 Rating, Add	*1,191.14*	
40 05 19 00-0142	EA	10" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,892.31	532.40
		For Class 52 Rating, Deduct	*-449.42*	
		For Class 54 Rating, Add	*622.52*	
		For Class 55 Rating, Add	*930.46*	
		For Class 56 Rating, Add	*1,234.30*	
40 05 19 00-0143	EA	10" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,044.07	536.50
		For Class 52 Rating, Deduct	*-465.43*	
		For Class 54 Rating, Add	*644.43*	
		For Class 55 Rating, Add	*963.06*	
		For Class 56 Rating, Add	*1,277.46*	
40 05 19 00-0144	EA	10" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,195.82	540.59
		For Class 52 Rating, Deduct	*-481.44*	
		For Class 54 Rating, Add	*666.34*	
		For Class 55 Rating, Add	*995.67*	
		For Class 56 Rating, Add	*1,320.63*	
40 05 19 00-0145	EA	10" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,347.59	544.69
		For Class 52 Rating, Deduct	*-497.45*	
		For Class 54 Rating, Add	*688.25*	
		For Class 55 Rating, Add	*1,028.28*	
		For Class 56 Rating, Add	*1,363.79*	
40 05 19 00-0146	EA	10" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,499.36	548.78
		For Class 52 Rating, Deduct	*-513.46*	
		For Class 54 Rating, Add	*710.16*	
		For Class 55 Rating, Add	*1,060.89*	
		For Class 56 Rating, Add	*1,406.95*	
40 05 19 00-0147	EA	10" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,651.11	552.89
		For Class 52 Rating, Deduct	*-529.48*	
		For Class 54 Rating, Add	*732.06*	
		For Class 55 Rating, Add	*1,093.50*	
		For Class 56 Rating, Add	*1,450.11*	
40 05 19 00-0148	EA	10" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,802.88	556.98
		For Class 52 Rating, Deduct	*-545.49*	
		For Class 54 Rating, Add	*753.97*	
		For Class 55 Rating, Add	*1,126.10*	
		For Class 56 Rating, Add	*1,493.28*	
40 05 19 00-0149	EA	10" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,954.64	561.08
		For Class 52 Rating, Deduct	*-561.50*	
		For Class 54 Rating, Add	*775.88*	
		For Class 55 Rating, Add	*1,158.71*	
		For Class 56 Rating, Add	*1,536.44*	
40 05 19 00-0150	EA	10" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,106.40	565.17
		For Class 52 Rating, Deduct	*-577.51*	
		For Class 54 Rating, Add	*797.79*	
		For Class 55 Rating, Add	*1,191.32*	
		For Class 56 Rating, Add	*1,579.60*	
40 05 19 00-0151	EA	10" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,258.16	569.27
		For Class 52 Rating, Deduct	*-593.52*	
		For Class 54 Rating, Add	*819.70*	
		For Class 55 Rating, Add	*1,223.93*	
		For Class 56 Rating, Add	*1,622.76*	
40 05 19 00-0152	EA	10" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,409.93	573.36
		For Class 52 Rating, Deduct	*-609.53*	
		For Class 54 Rating, Add	*841.60*	
		For Class 55 Rating, Add	*1,256.54*	
		For Class 56 Rating, Add	*1,665.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0153	EA	10" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,561.68	577.46
		For Class 52 Rating, Deduct	*-625.54*	
		For Class 54 Rating, Add	*863.51*	
		For Class 55 Rating, Add	*1,289.14*	
		For Class 56 Rating, Add	*1,709.09*	
40 05 19 00-0154	EA	10" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,713.44	581.55
		For Class 52 Rating, Deduct	*-641.55*	
		For Class 54 Rating, Add	*885.42*	
		For Class 55 Rating, Add	*1,321.75*	
		For Class 56 Rating, Add	*1,752.25*	
40 05 19 00-0155	EA	10" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,862.71	585.65
		For Class 52 Rating, Deduct	*-657.29*	
		For Class 54 Rating, Add	*906.95*	
		For Class 55 Rating, Add	*1,353.80*	
		For Class 56 Rating, Add	*1,794.68*	
40 05 19 00-0156	EA	10" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,016.97	589.74
		For Class 52 Rating, Deduct	*-673.58*	
		For Class 54 Rating, Add	*929.24*	
		For Class 55 Rating, Add	*1,386.97*	
		For Class 56 Rating, Add	*1,838.58*	
40 05 19 00-0157	EA	10" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,168.73	593.83
		For Class 52 Rating, Deduct	*-689.59*	
		For Class 54 Rating, Add	*951.14*	
		For Class 55 Rating, Add	*1,419.58*	
		For Class 56 Rating, Add	*1,881.74*	
40 05 19 00-0158	EA	10" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,320.49	597.93
		For Class 52 Rating, Deduct	*-705.60*	
		For Class 54 Rating, Add	*973.05*	
		For Class 55 Rating, Add	*1,452.19*	
		For Class 56 Rating, Add	*1,924.90*	
40 05 19 00-0159	EA	10" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,472.26	602.02
		For Class 52 Rating, Deduct	*-721.61*	
		For Class 54 Rating, Add	*994.96*	
		For Class 55 Rating, Add	*1,484.79*	
		For Class 56 Rating, Add	*1,968.06*	
40 05 19 00-0160	EA	10" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,624.02	606.12
		For Class 52 Rating, Deduct	*-737.62*	
		For Class 54 Rating, Add	*1,016.87*	
		For Class 55 Rating, Add	*1,517.40*	
		For Class 56 Rating, Add	*2,011.23*	
40 05 19 00-0161	EA	10" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,775.78	610.22
		For Class 52 Rating, Deduct	*-753.63*	
		For Class 54 Rating, Add	*1,038.78*	
		For Class 55 Rating, Add	*1,550.01*	
		For Class 56 Rating, Add	*2,054.39*	
40 05 19 00-0162	EA	10" Flanged (FxF), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,927.54	614.32
		For Class 52 Rating, Deduct	*-769.64*	
		For Class 54 Rating, Add	*1,060.68*	
		For Class 55 Rating, Add	*1,582.62*	
		For Class 56 Rating, Add	*2,097.55*	

40 05 19 00-0163 12" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

40 05 19 00-0164	EA	12" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,831.24	573.36
		For Class 52 Rating, Deduct	*-215.88*	
		For Class 54 Rating, Add	*304.80*	
		For Class 55 Rating, Add	*458.49*	
		For Class 56 Rating, Add	*610.21*	
40 05 19 00-0165	EA	12" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,020.64	577.46
		For Class 52 Rating, Deduct	*-236.03*	
		For Class 54 Rating, Add	*332.36*	
		For Class 55 Rating, Add	*499.49*	
		For Class 56 Rating, Add	*664.48*	
40 05 19 00-0166	EA	12" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,210.04	581.55
		For Class 52 Rating, Deduct	*-256.18*	
		For Class 54 Rating, Add	*359.91*	
		For Class 55 Rating, Add	*540.49*	
		For Class 56 Rating, Add	*718.75*	
40 05 19 00-0167	EA	12" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,399.46	585.65
		For Class 52 Rating, Deduct	*-276.33*	
		For Class 54 Rating, Add	*387.46*	
		For Class 55 Rating, Add	*581.50*	
		For Class 56 Rating, Add	*773.02*	
40 05 19 00-0168	EA	12" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,588.86	589.74
		For Class 52 Rating, Deduct	*-296.48*	
		For Class 54 Rating, Add	*415.02*	
		For Class 55 Rating, Add	*622.50*	
		For Class 56 Rating, Add	*827.28*	
40 05 19 00-0169	EA	12" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,778.26	593.83
		For Class 52 Rating, Deduct	*-316.64*	
		For Class 54 Rating, Add	*442.57*	
		For Class 55 Rating, Add	*663.50*	
		For Class 56 Rating, Add	*881.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0170	EA	12" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,967.66	597.93
		For Class 52 Rating, Deduct	*-336.79*	
		For Class 54 Rating, Add	*470.13*	
		For Class 55 Rating, Add	*704.50*	
		For Class 56 Rating, Add	*935.82*	
40 05 19 00-0171	EA	12" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,157.08	602.02
		For Class 52 Rating, Deduct	*-356.94*	
		For Class 54 Rating, Add	*497.68*	
		For Class 55 Rating, Add	*745.51*	
		For Class 56 Rating, Add	*990.09*	
40 05 19 00-0172	EA	12" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,346.48	606.12
		For Class 52 Rating, Deduct	*-377.09*	
		For Class 54 Rating, Add	*525.24*	
		For Class 55 Rating, Add	*786.51*	
		For Class 56 Rating, Add	*1,044.35*	
40 05 19 00-0173	EA	12" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,535.88	610.22
		For Class 52 Rating, Deduct	*-397.24*	
		For Class 54 Rating, Add	*552.79*	
		For Class 55 Rating, Add	*827.51*	
		For Class 56 Rating, Add	*1,098.62*	
40 05 19 00-0174	EA	12" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,725.30	614.32
		For Class 52 Rating, Deduct	*-417.40*	
		For Class 54 Rating, Add	*580.35*	
		For Class 55 Rating, Add	*868.52*	
		For Class 56 Rating, Add	*1,152.89*	
40 05 19 00-0175	EA	12" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,914.71	618.41
		For Class 52 Rating, Deduct	*-437.55*	
		For Class 54 Rating, Add	*607.90*	
		For Class 55 Rating, Add	*909.52*	
		For Class 56 Rating, Add	*1,207.16*	
40 05 19 00-0176	EA	12" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,104.11	622.51
		For Class 52 Rating, Deduct	*-457.70*	
		For Class 54 Rating, Add	*635.46*	
		For Class 55 Rating, Add	*950.52*	
		For Class 56 Rating, Add	*1,261.43*	
40 05 19 00-0177	EA	12" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,293.52	626.60
		For Class 52 Rating, Deduct	*-477.85*	
		For Class 54 Rating, Add	*663.01*	
		For Class 55 Rating, Add	*991.52*	
		For Class 56 Rating, Add	*1,315.69*	
40 05 19 00-0178	EA	12" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,482.92	630.70
		For Class 52 Rating, Deduct	*-498.01*	
		For Class 54 Rating, Add	*690.57*	
		For Class 55 Rating, Add	*1,032.53*	
		For Class 56 Rating, Add	*1,369.96*	
40 05 19 00-0179	EA	12" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,672.32	634.79
		For Class 52 Rating, Deduct	*-518.16*	
		For Class 54 Rating, Add	*718.12*	
		For Class 55 Rating, Add	*1,073.53*	
		For Class 56 Rating, Add	*1,424.23*	
40 05 19 00-0180	EA	12" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,861.73	638.89
		For Class 52 Rating, Deduct	*-538.31*	
		For Class 54 Rating, Add	*745.67*	
		For Class 55 Rating, Add	*1,114.53*	
		For Class 56 Rating, Add	*1,478.50*	
40 05 19 00-0181	EA	12" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,051.14	642.98
		For Class 52 Rating, Deduct	*-558.46*	
		For Class 54 Rating, Add	*773.23*	
		For Class 55 Rating, Add	*1,155.53*	
		For Class 56 Rating, Add	*1,532.76*	
40 05 19 00-0182	EA	12" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,240.54	647.08
		For Class 52 Rating, Deduct	*-578.61*	
		For Class 54 Rating, Add	*800.78*	
		For Class 55 Rating, Add	*1,196.54*	
		For Class 56 Rating, Add	*1,587.03*	
40 05 19 00-0183	EA	12" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,429.94	651.17
		For Class 52 Rating, Deduct	*-598.77*	
		For Class 54 Rating, Add	*828.34*	
		For Class 55 Rating, Add	*1,237.54*	
		For Class 56 Rating, Add	*1,641.30*	
40 05 19 00-0184	EA	12" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,619.36	655.27
		For Class 52 Rating, Deduct	*-618.92*	
		For Class 54 Rating, Add	*855.89*	
		For Class 55 Rating, Add	*1,278.54*	
		For Class 56 Rating, Add	*1,695.57*	
40 05 19 00-0185	EA	12" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,808.76	659.36
		For Class 52 Rating, Deduct	*-639.07*	
		For Class 54 Rating, Add	*883.45*	
		For Class 55 Rating, Add	*1,319.54*	
		For Class 56 Rating, Add	*1,749.83*	
40 05 19 00-0186	EA	12" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,998.16	663.45
		For Class 52 Rating, Deduct	*-659.22*	
		For Class 54 Rating, Add	*911.00*	
		For Class 55 Rating, Add	*1,360.55*	
		For Class 56 Rating, Add	*1,804.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0187	EA	12" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,187.57	667.56
		For Class 52 Rating, Deduct	*-679.37*	
		For Class 54 Rating, Add	*938.56*	
		For Class 55 Rating, Add	*1,401.55*	
		For Class 56 Rating, Add	*1,858.37*	
40 05 19 00-0188	EA	12" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,376.98	671.65
		For Class 52 Rating, Deduct	*-699.53*	
		For Class 54 Rating, Add	*966.11*	
		For Class 55 Rating, Add	*1,442.55*	
		For Class 56 Rating, Add	*1,912.64*	
40 05 19 00-0189	EA	12" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,566.39	675.75
		For Class 52 Rating, Deduct	*-719.68*	
		For Class 54 Rating, Add	*993.67*	
		For Class 55 Rating, Add	*1,483.56*	
		For Class 56 Rating, Add	*1,966.91*	
40 05 19 00-0190	EA	12" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,755.79	679.84
		For Class 52 Rating, Deduct	*-739.83*	
		For Class 54 Rating, Add	*1,021.22*	
		For Class 55 Rating, Add	*1,524.56*	
		For Class 56 Rating, Add	*2,021.17*	
40 05 19 00-0191	EA	12" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,945.20	683.94
		For Class 52 Rating, Deduct	*-759.98*	
		For Class 54 Rating, Add	*1,048.77*	
		For Class 55 Rating, Add	*1,565.56*	
		For Class 56 Rating, Add	*2,075.44*	
40 05 19 00-0192	EA	12" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,134.60	688.03
		For Class 52 Rating, Deduct	*-780.13*	
		For Class 54 Rating, Add	*1,076.33*	
		For Class 55 Rating, Add	*1,606.56*	
		For Class 56 Rating, Add	*2,129.71*	
40 05 19 00-0193	EA	12" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,324.01	692.13
		For Class 52 Rating, Deduct	*-800.29*	
		For Class 54 Rating, Add	*1,103.88*	
		For Class 55 Rating, Add	*1,647.57*	
		For Class 56 Rating, Add	*2,183.97*	
40 05 19 00-0194	EA	12" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,513.41	696.22
		For Class 52 Rating, Deduct	*-820.44*	
		For Class 54 Rating, Add	*1,131.44*	
		For Class 55 Rating, Add	*1,688.57*	
		For Class 56 Rating, Add	*2,238.24*	
40 05 19 00-0195	EA	12" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,702.82	700.32
		For Class 52 Rating, Deduct	*-840.59*	
		For Class 54 Rating, Add	*1,158.99*	
		For Class 55 Rating, Add	*1,729.57*	
		For Class 56 Rating, Add	*2,292.51*	
40 05 19 00-0196	EA	12" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,892.22	704.41
		For Class 52 Rating, Deduct	*-860.74*	
		For Class 54 Rating, Add	*1,186.55*	
		For Class 55 Rating, Add	*1,770.57*	
		For Class 56 Rating, Add	*2,346.78*	
40 05 19 00-0197	EA	12" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,081.63	708.51
		For Class 52 Rating, Deduct	*-880.89*	
		For Class 54 Rating, Add	*1,214.10*	
		For Class 55 Rating, Add	*1,811.58*	
		For Class 56 Rating, Add	*2,401.04*	
40 05 19 00-0198	EA	12" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,271.04	712.60
		For Class 52 Rating, Deduct	*-901.05*	
		For Class 54 Rating, Add	*1,241.66*	
		For Class 55 Rating, Add	*1,852.58*	
		For Class 56 Rating, Add	*2,455.31*	
40 05 19 00-0199	EA	12" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,460.45	716.70
		For Class 52 Rating, Deduct	*-921.20*	
		For Class 54 Rating, Add	*1,269.21*	
		For Class 55 Rating, Add	*1,893.58*	
		For Class 56 Rating, Add	*2,509.58*	
40 05 19 00-0200	EA	12" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,649.85	720.79
		For Class 52 Rating, Deduct	*-941.35*	
		For Class 54 Rating, Add	*1,296.77*	
		For Class 55 Rating, Add	*1,934.59*	
		For Class 56 Rating, Add	*2,563.85*	
40 05 19 00-0201	EA	12" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,839.26	724.90
		For Class 52 Rating, Deduct	*-961.50*	
		For Class 54 Rating, Add	*1,324.32*	
		For Class 55 Rating, Add	*1,975.59*	
		For Class 56 Rating, Add	*2,618.12*	
40 05 19 00-0202	EA	12" Flanged (FxF), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,028.67	728.99
		For Class 52 Rating, Deduct	*-981.66*	
		For Class 54 Rating, Add	*1,351.88*	
		For Class 55 Rating, Add	*2,016.59*	
		For Class 56 Rating, Add	*2,672.38*	

40 05 19 00-0203 14" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0204	EA	14" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,790.48	688.03
		For Class 52 Rating, Deduct	*-302.28*	
		For Class 54 Rating, Add	*424.71*	
		For Class 55 Rating, Add	*637.83*	
		For Class 56 Rating, Add	*848.19*	
40 05 19 00-0205	EA	14" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,020.05	692.13
		For Class 52 Rating, Deduct	*-326.85*	
		For Class 54 Rating, Add	*458.29*	
		For Class 55 Rating, Add	*687.78*	
		For Class 56 Rating, Add	*914.31*	
40 05 19 00-0206	EA	14" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,249.60	696.22
		For Class 52 Rating, Deduct	*-351.42*	
		For Class 54 Rating, Add	*491.87*	
		For Class 55 Rating, Add	*737.74*	
		For Class 56 Rating, Add	*980.42*	
40 05 19 00-0207	EA	14" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,479.17	700.32
		For Class 52 Rating, Deduct	*-375.99*	
		For Class 54 Rating, Add	*525.45*	
		For Class 55 Rating, Add	*787.70*	
		For Class 56 Rating, Add	*1,046.53*	
40 05 19 00-0208	EA	14" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,708.72	704.41
		For Class 52 Rating, Deduct	*-400.56*	
		For Class 54 Rating, Add	*559.02*	
		For Class 55 Rating, Add	*837.65*	
		For Class 56 Rating, Add	*1,112.64*	
40 05 19 00-0209	EA	14" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,938.28	708.51
		For Class 52 Rating, Deduct	*-425.13*	
		For Class 54 Rating, Add	*592.60*	
		For Class 55 Rating, Add	*887.61*	
		For Class 56 Rating, Add	*1,178.76*	
40 05 19 00-0210	EA	14" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,167.85	712.60
		For Class 52 Rating, Deduct	*-449.70*	
		For Class 54 Rating, Add	*626.18*	
		For Class 55 Rating, Add	*937.57*	
		For Class 56 Rating, Add	*1,244.87*	
40 05 19 00-0211	EA	14" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,397.40	716.70
		For Class 52 Rating, Deduct	*-474.26*	
		For Class 54 Rating, Add	*659.75*	
		For Class 55 Rating, Add	*987.52*	
		For Class 56 Rating, Add	*1,310.98*	
40 05 19 00-0212	EA	14" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,626.96	720.79
		For Class 52 Rating, Deduct	*-498.83*	
		For Class 54 Rating, Add	*693.33*	
		For Class 55 Rating, Add	*1,037.48*	
		For Class 56 Rating, Add	*1,377.10*	
40 05 19 00-0213	EA	14" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,856.52	724.90
		For Class 52 Rating, Deduct	*-523.40*	
		For Class 54 Rating, Add	*726.91*	
		For Class 55 Rating, Add	*1,087.44*	
		For Class 56 Rating, Add	*1,443.21*	
40 05 19 00-0214	EA	14" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,086.09	728.99
		For Class 52 Rating, Deduct	*-547.97*	
		For Class 54 Rating, Add	*760.49*	
		For Class 55 Rating, Add	*1,137.40*	
		For Class 56 Rating, Add	*1,509.32*	
40 05 19 00-0215	EA	14" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,315.64	733.08
		For Class 52 Rating, Deduct	*-572.54*	
		For Class 54 Rating, Add	*794.07*	
		For Class 55 Rating, Add	*1,187.35*	
		For Class 56 Rating, Add	*1,575.43*	
40 05 19 00-0216	EA	14" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,545.19	737.18
		For Class 52 Rating, Deduct	*-597.11*	
		For Class 54 Rating, Add	*827.64*	
		For Class 55 Rating, Add	*1,237.31*	
		For Class 56 Rating, Add	*1,641.55*	
40 05 19 00-0217	EA	14" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,774.76	741.27
		For Class 52 Rating, Deduct	*-621.68*	
		For Class 54 Rating, Add	*861.22*	
		For Class 55 Rating, Add	*1,287.27*	
		For Class 56 Rating, Add	*1,707.66*	
40 05 19 00-0218	EA	14" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,004.32	745.37
		For Class 52 Rating, Deduct	*-646.25*	
		For Class 54 Rating, Add	*894.80*	
		For Class 55 Rating, Add	*1,337.22*	
		For Class 56 Rating, Add	*1,773.77*	
40 05 19 00-0219	EA	14" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,233.88	749.46
		For Class 52 Rating, Deduct	*-670.82*	
		For Class 54 Rating, Add	*928.38*	
		For Class 55 Rating, Add	*1,387.18*	
		For Class 56 Rating, Add	*1,839.89*	
40 05 19 00-0220	EA	14" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,463.44	753.56
		For Class 52 Rating, Deduct	*-695.38*	
		For Class 54 Rating, Add	*961.95*	
		For Class 55 Rating, Add	*1,437.14*	
		For Class 56 Rating, Add	*1,906.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0221	EA	14" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,693.00	757.65
		For Class 52 Rating, Deduct	*-719.95*	
		For Class 54 Rating, Add	*995.53*	
		For Class 55 Rating, Add	*1,487.09*	
		For Class 56 Rating, Add	*1,972.11*	
40 05 19 00-0222	EA	14" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,922.56	761.75
		For Class 52 Rating, Deduct	*-744.52*	
		For Class 54 Rating, Add	*1,029.11*	
		For Class 55 Rating, Add	*1,537.05*	
		For Class 56 Rating, Add	*2,038.23*	
40 05 19 00-0223	EA	14" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,152.12	765.84
		For Class 52 Rating, Deduct	*-769.09*	
		For Class 54 Rating, Add	*1,062.69*	
		For Class 55 Rating, Add	*1,587.01*	
		For Class 56 Rating, Add	*2,104.34*	
40 05 19 00-0224	EA	14" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,381.68	769.94
		For Class 52 Rating, Deduct	*-793.66*	
		For Class 54 Rating, Add	*1,096.26*	
		For Class 55 Rating, Add	*1,636.97*	
		For Class 56 Rating, Add	*2,170.45*	
40 05 19 00-0225	EA	14" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,611.23	774.03
		For Class 52 Rating, Deduct	*-818.23*	
		For Class 54 Rating, Add	*1,129.84*	
		For Class 55 Rating, Add	*1,686.92*	
		For Class 56 Rating, Add	*2,236.56*	
40 05 19 00-0226	EA	14" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,840.79	778.13
		For Class 52 Rating, Deduct	*-842.80*	
		For Class 54 Rating, Add	*1,163.42*	
		For Class 55 Rating, Add	*1,736.88*	
		For Class 56 Rating, Add	*2,302.68*	
40 05 19 00-0227	EA	14" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,070.36	782.23
		For Class 52 Rating, Deduct	*-867.37*	
		For Class 54 Rating, Add	*1,197.00*	
		For Class 55 Rating, Add	*1,786.84*	
		For Class 56 Rating, Add	*2,368.79*	
40 05 19 00-0228	EA	14" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,299.92	786.33
		For Class 52 Rating, Deduct	*-891.94*	
		For Class 54 Rating, Add	*1,230.57*	
		For Class 55 Rating, Add	*1,836.79*	
		For Class 56 Rating, Add	*2,434.90*	
40 05 19 00-0229	EA	14" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,529.47	790.42
		For Class 52 Rating, Deduct	*-916.51*	
		For Class 54 Rating, Add	*1,264.15*	
		For Class 55 Rating, Add	*1,886.75*	
		For Class 56 Rating, Add	*2,501.02*	
40 05 19 00-0230	EA	14" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,759.03	794.52
		For Class 52 Rating, Deduct	*-941.08*	
		For Class 54 Rating, Add	*1,297.73*	
		For Class 55 Rating, Add	*1,936.71*	
		For Class 56 Rating, Add	*2,567.13*	
40 05 19 00-0231	EA	14" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,988.60	798.61
		For Class 52 Rating, Deduct	*-965.64*	
		For Class 54 Rating, Add	*1,331.31*	
		For Class 55 Rating, Add	*1,986.66*	
		For Class 56 Rating, Add	*2,633.24*	
40 05 19 00-0232	EA	14" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,218.16	802.71
		For Class 52 Rating, Deduct	*-990.21*	
		For Class 54 Rating, Add	*1,364.89*	
		For Class 55 Rating, Add	*2,036.62*	
		For Class 56 Rating, Add	*2,699.36*	
40 05 19 00-0233	EA	14" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,447.71	806.80
		For Class 52 Rating, Deduct	*-1,014.78*	
		For Class 54 Rating, Add	*1,398.46*	
		For Class 55 Rating, Add	*2,086.58*	
		For Class 56 Rating, Add	*2,765.47*	
40 05 19 00-0234	EA	14" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,677.27	810.89
		For Class 52 Rating, Deduct	*-1,039.35*	
		For Class 54 Rating, Add	*1,432.04*	
		For Class 55 Rating, Add	*2,136.53*	
		For Class 56 Rating, Add	*2,831.58*	
40 05 19 00-0235	EA	14" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,906.83	814.99
		For Class 52 Rating, Deduct	*-1,063.92*	
		For Class 54 Rating, Add	*1,465.62*	
		For Class 55 Rating, Add	*2,186.49*	
		For Class 56 Rating, Add	*2,897.69*	
40 05 19 00-0236	EA	14" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,136.39	819.08
		For Class 52 Rating, Deduct	*-1,088.49*	
		For Class 54 Rating, Add	*1,499.19*	
		For Class 55 Rating, Add	*2,236.45*	
		For Class 56 Rating, Add	*2,963.81*	
40 05 19 00-0237	EA	14" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,365.95	823.18
		For Class 52 Rating, Deduct	*-1,113.06*	
		For Class 54 Rating, Add	*1,532.77*	
		For Class 55 Rating, Add	*2,286.41*	
		For Class 56 Rating, Add	*3,029.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0238	EA	14" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,595.51	827.27
		For Class 52 Rating, Deduct	*-1,137.63*	
		For Class 54 Rating, Add	*1,566.35*	
		For Class 55 Rating, Add	*2,336.36*	
		For Class 56 Rating, Add	*3,096.03*	
40 05 19 00-0239	EA	14" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,825.07	831.37
		For Class 52 Rating, Deduct	*-1,162.20*	
		For Class 54 Rating, Add	*1,599.93*	
		For Class 55 Rating, Add	*2,386.32*	
		For Class 56 Rating, Add	*3,162.15*	
40 05 19 00-0240	EA	14" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,054.63	835.46
		For Class 52 Rating, Deduct	*-1,186.76*	
		For Class 54 Rating, Add	*1,633.51*	
		For Class 55 Rating, Add	*2,436.28*	
		For Class 56 Rating, Add	*3,228.26*	
40 05 19 00-0241	EA	14" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,284.19	839.57
		For Class 52 Rating, Deduct	*-1,211.33*	
		For Class 54 Rating, Add	*1,667.08*	
		For Class 55 Rating, Add	*2,486.23*	
		For Class 56 Rating, Add	*3,294.37*	
40 05 19 00-0242		16" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*		
40 05 19 00-0243	EA	16" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,448.86	786.33
		For Class 52 Rating, Deduct	*-358.32*	
		For Class 54 Rating, Add	*502.92*	
		For Class 55 Rating, Add	*755.01*	
		For Class 56 Rating, Add	*1,003.84*	
40 05 19 00-0244	EA	16" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,716.06	790.42
		For Class 52 Rating, Deduct	*-387.03*	
		For Class 54 Rating, Add	*542.14*	
		For Class 55 Rating, Add	*813.36*	
		For Class 56 Rating, Add	*1,081.06*	
40 05 19 00-0245	EA	16" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,983.26	794.52
		For Class 52 Rating, Deduct	*-415.74*	
		For Class 54 Rating, Add	*581.36*	
		For Class 55 Rating, Add	*871.71*	
		For Class 56 Rating, Add	*1,158.28*	
40 05 19 00-0246	EA	16" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,250.48	798.61
		For Class 52 Rating, Deduct	*-444.45*	
		For Class 54 Rating, Add	*620.59*	
		For Class 55 Rating, Add	*930.06*	
		For Class 56 Rating, Add	*1,235.50*	
40 05 19 00-0247	EA	16" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,517.67	802.71
		For Class 52 Rating, Deduct	*-473.16*	
		For Class 54 Rating, Add	*659.81*	
		For Class 55 Rating, Add	*988.41*	
		For Class 56 Rating, Add	*1,312.71*	
40 05 19 00-0248	EA	16" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,784.87	806.80
		For Class 52 Rating, Deduct	*-501.87*	
		For Class 54 Rating, Add	*699.04*	
		For Class 55 Rating, Add	*1,046.76*	
		For Class 56 Rating, Add	*1,389.93*	
40 05 19 00-0249	EA	16" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,052.08	810.89
		For Class 52 Rating, Deduct	*-530.58*	
		For Class 54 Rating, Add	*738.26*	
		For Class 55 Rating, Add	*1,105.12*	
		For Class 56 Rating, Add	*1,467.15*	
40 05 19 00-0250	EA	16" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,319.28	814.99
		For Class 52 Rating, Deduct	*-559.29*	
		For Class 54 Rating, Add	*777.49*	
		For Class 55 Rating, Add	*1,163.47*	
		For Class 56 Rating, Add	*1,544.37*	
40 05 19 00-0251	EA	16" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,586.49	819.08
		For Class 52 Rating, Deduct	*-588.00*	
		For Class 54 Rating, Add	*816.71*	
		For Class 55 Rating, Add	*1,221.82*	
		For Class 56 Rating, Add	*1,621.59*	
40 05 19 00-0252	EA	16" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,853.69	823.18
		For Class 52 Rating, Deduct	*-616.71*	
		For Class 54 Rating, Add	*855.93*	
		For Class 55 Rating, Add	*1,280.17*	
		For Class 56 Rating, Add	*1,698.80*	
40 05 19 00-0253	EA	16" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,120.89	827.27
		For Class 52 Rating, Deduct	*-645.42*	
		For Class 54 Rating, Add	*895.16*	
		For Class 55 Rating, Add	*1,338.52*	
		For Class 56 Rating, Add	*1,776.02*	
40 05 19 00-0254	EA	16" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,388.09	831.37
		For Class 52 Rating, Deduct	*-674.13*	
		For Class 54 Rating, Add	*934.38*	
		For Class 55 Rating, Add	*1,396.87*	
		For Class 56 Rating, Add	*1,853.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0255	EA	16" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,655.30	835.46
		For Class 52 Rating, Deduct	*-702.84*	
		For Class 54 Rating, Add	*973.61*	
		For Class 55 Rating, Add	*1,455.23*	
		For Class 56 Rating, Add	*1,930.46*	
40 05 19 00-0256	EA	16" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,922.51	839.57
		For Class 52 Rating, Deduct	*-731.55*	
		For Class 54 Rating, Add	*1,012.83*	
		For Class 55 Rating, Add	*1,513.58*	
		For Class 56 Rating, Add	*2,007.67*	
40 05 19 00-0257	EA	16" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,189.71	843.66
		For Class 52 Rating, Deduct	*-760.26*	
		For Class 54 Rating, Add	*1,052.06*	
		For Class 55 Rating, Add	*1,571.93*	
		For Class 56 Rating, Add	*2,084.89*	
40 05 19 00-0258	EA	16" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,456.91	847.76
		For Class 52 Rating, Deduct	*-788.97*	
		For Class 54 Rating, Add	*1,091.28*	
		For Class 55 Rating, Add	*1,630.28*	
		For Class 56 Rating, Add	*2,162.11*	
40 05 19 00-0259	EA	16" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,724.13	851.85
		For Class 52 Rating, Deduct	*-817.68*	
		For Class 54 Rating, Add	*1,130.50*	
		For Class 55 Rating, Add	*1,688.63*	
		For Class 56 Rating, Add	*2,239.33*	
40 05 19 00-0260	EA	16" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,991.32	855.95
		For Class 52 Rating, Deduct	*-846.39*	
		For Class 54 Rating, Add	*1,169.73*	
		For Class 55 Rating, Add	*1,746.98*	
		For Class 56 Rating, Add	*2,316.54*	
40 05 19 00-0261	EA	16" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,258.52	860.04
		For Class 52 Rating, Deduct	*-875.10*	
		For Class 54 Rating, Add	*1,208.95*	
		For Class 55 Rating, Add	*1,805.34*	
		For Class 56 Rating, Add	*2,393.76*	
40 05 19 00-0262	EA	16" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,525.72	864.14
		For Class 52 Rating, Deduct	*-903.81*	
		For Class 54 Rating, Add	*1,248.18*	
		For Class 55 Rating, Add	*1,863.69*	
		For Class 56 Rating, Add	*2,470.98*	
40 05 19 00-0263	EA	16" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,792.93	868.23
		For Class 52 Rating, Deduct	*-932.52*	
		For Class 54 Rating, Add	*1,287.40*	
		For Class 55 Rating, Add	*1,922.04*	
		For Class 56 Rating, Add	*2,548.20*	
40 05 19 00-0264	EA	16" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,060.14	872.33
		For Class 52 Rating, Deduct	*-961.23*	
		For Class 54 Rating, Add	*1,326.63*	
		For Class 55 Rating, Add	*1,980.39*	
		For Class 56 Rating, Add	*2,625.42*	
40 05 19 00-0265	EA	16" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,327.34	876.42
		For Class 52 Rating, Deduct	*-989.94*	
		For Class 54 Rating, Add	*1,365.85*	
		For Class 55 Rating, Add	*2,038.74*	
		For Class 56 Rating, Add	*2,702.64*	
40 05 19 00-0266	EA	16" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,594.54	880.52
		For Class 52 Rating, Deduct	*-1,018.65*	
		For Class 54 Rating, Add	*1,405.07*	
		For Class 55 Rating, Add	*2,097.09*	
		For Class 56 Rating, Add	*2,779.85*	
40 05 19 00-0267	EA	16" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,861.74	884.61
		For Class 52 Rating, Deduct	*-1,047.36*	
		For Class 54 Rating, Add	*1,444.30*	
		For Class 55 Rating, Add	*2,155.44*	
		For Class 56 Rating, Add	*2,857.07*	
40 05 19 00-0268	EA	16" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,128.95	888.70
		For Class 52 Rating, Deduct	*-1,076.07*	
		For Class 54 Rating, Add	*1,483.52*	
		For Class 55 Rating, Add	*2,213.80*	
		For Class 56 Rating, Add	*2,934.29*	
40 05 19 00-0269	EA	16" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,396.15	892.80
		For Class 52 Rating, Deduct	*-1,104.78*	
		For Class 54 Rating, Add	*1,522.75*	
		For Class 55 Rating, Add	*2,272.15*	
		For Class 56 Rating, Add	*3,011.51*	
40 05 19 00-0270	EA	16" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,663.36	896.90
		For Class 52 Rating, Deduct	*-1,133.49*	
		For Class 54 Rating, Add	*1,561.97*	
		For Class 55 Rating, Add	*2,330.50*	
		For Class 56 Rating, Add	*3,088.73*	
40 05 19 00-0271	EA	16" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,930.56	901.00
		For Class 52 Rating, Deduct	*-1,162.20*	
		For Class 54 Rating, Add	*1,601.19*	
		For Class 55 Rating, Add	*2,388.85*	
		For Class 56 Rating, Add	*3,165.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0272	EA	16" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,197.76	905.09
		For Class 52 Rating, Deduct	*-1,190.91*	
		For Class 54 Rating, Add	*1,640.42*	
		For Class 55 Rating, Add	*2,447.20*	
		For Class 56 Rating, Add	*3,243.16*	
40 05 19 00-0273	EA	16" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,464.97	909.19
		For Class 52 Rating, Deduct	*-1,219.62*	
		For Class 54 Rating, Add	*1,679.64*	
		For Class 55 Rating, Add	*2,505.55*	
		For Class 56 Rating, Add	*3,320.38*	
40 05 19 00-0274	EA	16" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,732.17	913.28
		For Class 52 Rating, Deduct	*-1,248.33*	
		For Class 54 Rating, Add	*1,718.87*	
		For Class 55 Rating, Add	*2,563.91*	
		For Class 56 Rating, Add	*3,397.60*	
40 05 19 00-0275	EA	16" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,999.37	917.38
		For Class 52 Rating, Deduct	*-1,277.04*	
		For Class 54 Rating, Add	*1,758.09*	
		For Class 55 Rating, Add	*2,622.26*	
		For Class 56 Rating, Add	*3,474.81*	
40 05 19 00-0276	EA	16" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,266.57	921.47
		For Class 52 Rating, Deduct	*-1,305.75*	
		For Class 54 Rating, Add	*1,797.32*	
		For Class 55 Rating, Add	*2,680.61*	
		For Class 56 Rating, Add	*3,552.03*	
40 05 19 00-0277	EA	16" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,533.79	925.57
		For Class 52 Rating, Deduct	*-1,334.46*	
		For Class 54 Rating, Add	*1,836.54*	
		For Class 55 Rating, Add	*2,738.96*	
		For Class 56 Rating, Add	*3,629.25*	
40 05 19 00-0278	EA	16" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,800.98	929.66
		For Class 52 Rating, Deduct	*-1,363.16*	
		For Class 54 Rating, Add	*1,875.76*	
		For Class 55 Rating, Add	*2,797.31*	
		For Class 56 Rating, Add	*3,706.47*	
40 05 19 00-0279	EA	16" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,068.18	933.76
		For Class 52 Rating, Deduct	*-1,391.87*	
		For Class 54 Rating, Add	*1,914.99*	
		For Class 55 Rating, Add	*2,855.66*	
		For Class 56 Rating, Add	*3,783.69*	
40 05 19 00-0280	EA	16" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,335.39	937.85
		For Class 52 Rating, Deduct	*-1,420.58*	
		For Class 54 Rating, Add	*1,954.21*	
		For Class 55 Rating, Add	*2,914.01*	
		For Class 56 Rating, Add	*3,860.90*	

40 05 19 00-0281 18" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

40 05 19 00-0282	EA	18" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,182.49	886.25
		For Class 52 Rating, Deduct	*-422.37*	
		For Class 54 Rating, Add	*592.07*	
		For Class 55 Rating, Add	*888.48*	
		For Class 56 Rating, Add	*1,181.05*	
40 05 19 00-0283	EA	18" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,489.84	890.35
		For Class 52 Rating, Deduct	*-455.49*	
		For Class 54 Rating, Add	*637.31*	
		For Class 55 Rating, Add	*955.78*	
		For Class 56 Rating, Add	*1,270.11*	
40 05 19 00-0284	EA	18" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,797.21	894.44
		For Class 52 Rating, Deduct	*-488.62*	
		For Class 54 Rating, Add	*682.56*	
		For Class 55 Rating, Add	*1,023.09*	
		For Class 56 Rating, Add	*1,359.17*	
40 05 19 00-0285	EA	18" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,104.56	898.54
		For Class 52 Rating, Deduct	*-521.75*	
		For Class 54 Rating, Add	*727.81*	
		For Class 55 Rating, Add	*1,090.39*	
		For Class 56 Rating, Add	*1,448.24*	
40 05 19 00-0286	EA	18" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,411.92	902.63
		For Class 52 Rating, Deduct	*-554.87*	
		For Class 54 Rating, Add	*773.06*	
		For Class 55 Rating, Add	*1,157.70*	
		For Class 56 Rating, Add	*1,537.30*	
40 05 19 00-0287	EA	18" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,719.28	906.73
		For Class 52 Rating, Deduct	*-588.00*	
		For Class 54 Rating, Add	*818.30*	
		For Class 55 Rating, Add	*1,225.01*	
		For Class 56 Rating, Add	*1,626.37*	
40 05 19 00-0288	EA	18" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,026.64	910.82
		For Class 52 Rating, Deduct	*-621.13*	
		For Class 54 Rating, Add	*863.55*	
		For Class 55 Rating, Add	*1,292.31*	
		For Class 56 Rating, Add	*1,715.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0289	EA	18" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,333.99	914.92
		For Class 52 Rating, Deduct	*-654.25*	
		For Class 54 Rating, Add	*908.80*	
		For Class 55 Rating, Add	*1,359.62*	
		For Class 56 Rating, Add	*1,804.49*	
40 05 19 00-0290	EA	18" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,641.34	919.01
		For Class 52 Rating, Deduct	*-687.38*	
		For Class 54 Rating, Add	*954.04*	
		For Class 55 Rating, Add	*1,426.92*	
		For Class 56 Rating, Add	*1,893.55*	
40 05 19 00-0291	EA	18" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,948.71	923.11
		For Class 52 Rating, Deduct	*-720.51*	
		For Class 54 Rating, Add	*999.29*	
		For Class 55 Rating, Add	*1,494.23*	
		For Class 56 Rating, Add	*1,982.62*	
40 05 19 00-0292	EA	18" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,256.07	927.20
		For Class 52 Rating, Deduct	*-753.63*	
		For Class 54 Rating, Add	*1,044.54*	
		For Class 55 Rating, Add	*1,561.54*	
		For Class 56 Rating, Add	*2,071.68*	
40 05 19 00-0293	EA	18" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,563.42	931.31
		For Class 52 Rating, Deduct	*-786.76*	
		For Class 54 Rating, Add	*1,089.79*	
		For Class 55 Rating, Add	*1,628.84*	
		For Class 56 Rating, Add	*2,160.74*	
40 05 19 00-0294	EA	18" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,870.78	935.40
		For Class 52 Rating, Deduct	*-819.89*	
		For Class 54 Rating, Add	*1,135.03*	
		For Class 55 Rating, Add	*1,696.15*	
		For Class 56 Rating, Add	*2,249.81*	
40 05 19 00-0295	EA	18" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,178.13	939.49
		For Class 52 Rating, Deduct	*-853.01*	
		For Class 54 Rating, Add	*1,180.28*	
		For Class 55 Rating, Add	*1,763.45*	
		For Class 56 Rating, Add	*2,338.87*	
40 05 19 00-0296	EA	18" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,485.49	943.59
		For Class 52 Rating, Deduct	*-886.14*	
		For Class 54 Rating, Add	*1,225.53*	
		For Class 55 Rating, Add	*1,830.76*	
		For Class 56 Rating, Add	*2,427.94*	
40 05 19 00-0297	EA	18" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,792.86	947.68
		For Class 52 Rating, Deduct	*-919.27*	
		For Class 54 Rating, Add	*1,270.78*	
		For Class 55 Rating, Add	*1,898.07*	
		For Class 56 Rating, Add	*2,517.00*	
40 05 19 00-0298	EA	18" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,100.21	951.78
		For Class 52 Rating, Deduct	*-952.39*	
		For Class 54 Rating, Add	*1,316.02*	
		For Class 55 Rating, Add	*1,965.37*	
		For Class 56 Rating, Add	*2,606.06*	
40 05 19 00-0299	EA	18" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,407.56	955.87
		For Class 52 Rating, Deduct	*-985.52*	
		For Class 54 Rating, Add	*1,361.27*	
		For Class 55 Rating, Add	*2,032.68*	
		For Class 56 Rating, Add	*2,695.12*	
40 05 19 00-0300	EA	18" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,714.91	959.97
		For Class 52 Rating, Deduct	*-1,018.65*	
		For Class 54 Rating, Add	*1,406.52*	
		For Class 55 Rating, Add	*2,099.98*	
		For Class 56 Rating, Add	*2,784.19*	
40 05 19 00-0301	EA	18" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,022.29	964.06
		For Class 52 Rating, Deduct	*-1,051.77*	
		For Class 54 Rating, Add	*1,451.77*	
		For Class 55 Rating, Add	*2,167.29*	
		For Class 56 Rating, Add	*2,873.25*	
40 05 19 00-0302	EA	18" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,329.64	968.16
		For Class 52 Rating, Deduct	*-1,084.90*	
		For Class 54 Rating, Add	*1,497.01*	
		For Class 55 Rating, Add	*2,234.59*	
		For Class 56 Rating, Add	*2,962.31*	
40 05 19 00-0303	EA	18" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,636.99	972.25
		For Class 52 Rating, Deduct	*-1,118.03*	
		For Class 54 Rating, Add	*1,542.26*	
		For Class 55 Rating, Add	*2,301.90*	
		For Class 56 Rating, Add	*3,051.38*	
40 05 19 00-0304	EA	18" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,944.35	976.35
		For Class 52 Rating, Deduct	*-1,151.15*	
		For Class 54 Rating, Add	*1,587.51*	
		For Class 55 Rating, Add	*2,369.21*	
		For Class 56 Rating, Add	*3,140.44*	
40 05 19 00-0305	EA	18" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,251.71	980.44
		For Class 52 Rating, Deduct	*-1,184.28*	
		For Class 54 Rating, Add	*1,632.75*	
		For Class 55 Rating, Add	*2,436.51*	
		For Class 56 Rating, Add	*3,229.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0306	EA	18" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,559.07	984.54
		For Class 52 Rating, Deduct	*-1,217.41*	
		For Class 54 Rating, Add	*1,678.00*	
		For Class 55 Rating, Add	*2,503.82*	
		For Class 56 Rating, Add	*3,318.57*	
40 05 19 00-0307	EA	18" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,866.42	988.63
		For Class 52 Rating, Deduct	*-1,250.53*	
		For Class 54 Rating, Add	*1,723.25*	
		For Class 55 Rating, Add	*2,571.12*	
		For Class 56 Rating, Add	*3,407.63*	
40 05 19 00-0308	EA	18" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,173.78	992.74
		For Class 52 Rating, Deduct	*-1,283.66*	
		For Class 54 Rating, Add	*1,768.50*	
		For Class 55 Rating, Add	*2,638.43*	
		For Class 56 Rating, Add	*3,496.69*	
40 05 19 00-0309	EA	18" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,481.13	996.83
		For Class 52 Rating, Deduct	*-1,316.79*	
		For Class 54 Rating, Add	*1,813.74*	
		For Class 55 Rating, Add	*2,705.73*	
		For Class 56 Rating, Add	*3,585.76*	
40 05 19 00-0310	EA	18" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,788.49	1,000.93
		For Class 52 Rating, Deduct	*-1,349.91*	
		For Class 54 Rating, Add	*1,858.99*	
		For Class 55 Rating, Add	*2,773.04*	
		For Class 56 Rating, Add	*3,674.82*	
40 05 19 00-0311	EA	18" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,095.86	1,005.02
		For Class 52 Rating, Deduct	*-1,383.04*	
		For Class 54 Rating, Add	*1,904.24*	
		For Class 55 Rating, Add	*2,840.35*	
		For Class 56 Rating, Add	*3,763.88*	
40 05 19 00-0312	EA	18" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,403.21	1,009.12
		For Class 52 Rating, Deduct	*-1,416.17*	
		For Class 54 Rating, Add	*1,949.49*	
		For Class 55 Rating, Add	*2,907.65*	
		For Class 56 Rating, Add	*3,852.95*	
40 05 19 00-0313	EA	18" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,710.56	1,013.21
		For Class 52 Rating, Deduct	*-1,449.29*	
		For Class 54 Rating, Add	*1,994.73*	
		For Class 55 Rating, Add	*2,974.96*	
		For Class 56 Rating, Add	*3,942.01*	
40 05 19 00-0314	EA	18" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,017.92	1,017.30
		For Class 52 Rating, Deduct	*-1,482.42*	
		For Class 54 Rating, Add	*2,039.98*	
		For Class 55 Rating, Add	*3,042.26*	
		For Class 56 Rating, Add	*4,031.07*	
40 05 19 00-0315	EA	18" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,325.28	1,021.40
		For Class 52 Rating, Deduct	*-1,515.55*	
		For Class 54 Rating, Add	*2,085.23*	
		For Class 55 Rating, Add	*3,109.57*	
		For Class 56 Rating, Add	*4,120.13*	
40 05 19 00-0316	EA	18" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,632.64	1,025.49
		For Class 52 Rating, Deduct	*-1,548.67*	
		For Class 54 Rating, Add	*2,130.47*	
		For Class 55 Rating, Add	*3,176.88*	
		For Class 56 Rating, Add	*4,209.20*	
40 05 19 00-0317	EA	18" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,939.99	1,029.59
		For Class 52 Rating, Deduct	*-1,581.80*	
		For Class 54 Rating, Add	*2,175.72*	
		For Class 55 Rating, Add	*3,244.18*	
		For Class 56 Rating, Add	*4,298.26*	
40 05 19 00-0318	EA	18" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,247.35	1,033.68
		For Class 52 Rating, Deduct	*-1,614.93*	
		For Class 54 Rating, Add	*2,220.97*	
		For Class 55 Rating, Add	*3,311.49*	
		For Class 56 Rating, Add	*4,387.33*	
40 05 19 00-0319	EA	18" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,554.71	1,037.78
		For Class 52 Rating, Deduct	*-1,648.05*	
		For Class 54 Rating, Add	*2,266.22*	
		For Class 55 Rating, Add	*3,378.79*	
		For Class 56 Rating, Add	*4,476.39*	

40 05 19 00-0320 20" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

40 05 19 00-0321	EA	20" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,072.55	1,011.57
		For Class 52 Rating, Deduct	*-499.39*	
		For Class 54 Rating, Add	*699.37*	
		For Class 55 Rating, Add	*1,049.18*	
		For Class 56 Rating, Add	*1,394.44*	
40 05 19 00-0322	EA	20" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,425.08	1,015.67
		For Class 52 Rating, Deduct	*-537.48*	
		For Class 54 Rating, Add	*751.40*	
		For Class 55 Rating, Add	*1,126.55*	
		For Class 56 Rating, Add	*1,496.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0323	EA	20" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,777.61	1,019.77
		For Class 52 Rating, Deduct	*-575.58*	
		For Class 54 Rating, Add	*803.42*	
		For Class 55 Rating, Add	*1,203.93*	
		For Class 56 Rating, Add	*1,599.22*	
40 05 19 00-0324	EA	20" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,130.14	1,023.86
		For Class 52 Rating, Deduct	*-613.67*	
		For Class 54 Rating, Add	*855.44*	
		For Class 55 Rating, Add	*1,281.31*	
		For Class 56 Rating, Add	*1,701.60*	
40 05 19 00-0325	EA	20" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,482.67	1,027.95
		For Class 52 Rating, Deduct	*-651.77*	
		For Class 54 Rating, Add	*907.47*	
		For Class 55 Rating, Add	*1,358.69*	
		For Class 56 Rating, Add	*1,804.00*	
40 05 19 00-0326	EA	20" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,835.20	1,032.05
		For Class 52 Rating, Deduct	*-689.86*	
		For Class 54 Rating, Add	*959.49*	
		For Class 55 Rating, Add	*1,436.07*	
		For Class 56 Rating, Add	*1,906.38*	
40 05 19 00-0327	EA	20" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,187.74	1,036.14
		For Class 52 Rating, Deduct	*-727.96*	
		For Class 54 Rating, Add	*1,011.51*	
		For Class 55 Rating, Add	*1,513.45*	
		For Class 56 Rating, Add	*2,008.77*	
40 05 19 00-0328	EA	20" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,540.26	1,040.24
		For Class 52 Rating, Deduct	*-766.06*	
		For Class 54 Rating, Add	*1,063.53*	
		For Class 55 Rating, Add	*1,590.83*	
		For Class 56 Rating, Add	*2,111.16*	
40 05 19 00-0329	EA	20" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,892.78	1,044.33
		For Class 52 Rating, Deduct	*-804.15*	
		For Class 54 Rating, Add	*1,115.56*	
		For Class 55 Rating, Add	*1,668.21*	
		For Class 56 Rating, Add	*2,213.55*	
40 05 19 00-0330	EA	20" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,245.32	1,048.43
		For Class 52 Rating, Deduct	*-842.25*	
		For Class 54 Rating, Add	*1,167.58*	
		For Class 55 Rating, Add	*1,745.59*	
		For Class 56 Rating, Add	*2,315.94*	
40 05 19 00-0331	EA	20" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,597.85	1,052.52
		For Class 52 Rating, Deduct	*-880.34*	
		For Class 54 Rating, Add	*1,219.60*	
		For Class 55 Rating, Add	*1,822.97*	
		For Class 56 Rating, Add	*2,418.33*	
40 05 19 00-0332	EA	20" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,950.38	1,056.62
		For Class 52 Rating, Deduct	*-918.44*	
		For Class 54 Rating, Add	*1,271.63*	
		For Class 55 Rating, Add	*1,900.35*	
		For Class 56 Rating, Add	*2,520.72*	
40 05 19 00-0333	EA	20" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,302.90	1,060.71
		For Class 52 Rating, Deduct	*-956.53*	
		For Class 54 Rating, Add	*1,323.65*	
		For Class 55 Rating, Add	*1,977.73*	
		For Class 56 Rating, Add	*2,623.11*	
40 05 19 00-0334	EA	20" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,655.44	1,064.81
		For Class 52 Rating, Deduct	*-994.63*	
		For Class 54 Rating, Add	*1,375.67*	
		For Class 55 Rating, Add	*2,055.11*	
		For Class 56 Rating, Add	*2,725.50*	
40 05 19 00-0335	EA	20" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,007.97	1,068.90
		For Class 52 Rating, Deduct	*-1,032.73*	
		For Class 54 Rating, Add	*1,427.70*	
		For Class 55 Rating, Add	*2,132.48*	
		For Class 56 Rating, Add	*2,827.89*	
40 05 19 00-0336	EA	20" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,360.50	1,073.01
		For Class 52 Rating, Deduct	*-1,070.82*	
		For Class 54 Rating, Add	*1,479.72*	
		For Class 55 Rating, Add	*2,209.87*	
		For Class 56 Rating, Add	*2,930.28*	
40 05 19 00-0337	EA	20" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,713.03	1,077.10
		For Class 52 Rating, Deduct	*-1,108.92*	
		For Class 54 Rating, Add	*1,531.74*	
		For Class 55 Rating, Add	*2,287.24*	
		For Class 56 Rating, Add	*3,032.66*	
40 05 19 00-0338	EA	20" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,065.56	1,081.20
		For Class 52 Rating, Deduct	*-1,147.01*	
		For Class 54 Rating, Add	*1,583.77*	
		For Class 55 Rating, Add	*2,364.62*	
		For Class 56 Rating, Add	*3,135.05*	
40 05 19 00-0339	EA	20" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,418.09	1,085.29
		For Class 52 Rating, Deduct	*-1,185.11*	
		For Class 54 Rating, Add	*1,635.79*	
		For Class 55 Rating, Add	*2,442.00*	
		For Class 56 Rating, Add	*3,237.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0340	EA	20" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,770.62	1,089.39
		For Class 52 Rating, Deduct	*-1,223.20*	
		For Class 54 Rating, Add	*1,687.81*	
		For Class 55 Rating, Add	*2,519.38*	
		For Class 56 Rating, Add	*3,339.83*	
40 05 19 00-0341	EA	20" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,123.15	1,093.48
		For Class 52 Rating, Deduct	*-1,261.30*	
		For Class 54 Rating, Add	*1,739.84*	
		For Class 55 Rating, Add	*2,596.76*	
		For Class 56 Rating, Add	*3,442.22*	
40 05 19 00-0342	EA	20" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,475.68	1,097.58
		For Class 52 Rating, Deduct	*-1,299.40*	
		For Class 54 Rating, Add	*1,791.86*	
		For Class 55 Rating, Add	*2,674.14*	
		For Class 56 Rating, Add	*3,544.61*	
40 05 19 00-0343	EA	20" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,828.20	1,101.67
		For Class 52 Rating, Deduct	*-1,337.49*	
		For Class 54 Rating, Add	*1,843.88*	
		For Class 55 Rating, Add	*2,751.52*	
		For Class 56 Rating, Add	*3,647.00*	
40 05 19 00-0344	EA	20" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,180.75	1,105.76
		For Class 52 Rating, Deduct	*-1,375.59*	
		For Class 54 Rating, Add	*1,895.91*	
		For Class 55 Rating, Add	*2,828.90*	
		For Class 56 Rating, Add	*3,749.39*	
40 05 19 00-0345	EA	20" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,533.27	1,109.86
		For Class 52 Rating, Deduct	*-1,413.68*	
		For Class 54 Rating, Add	*1,947.93*	
		For Class 55 Rating, Add	*2,906.28*	
		For Class 56 Rating, Add	*3,851.78*	
40 05 19 00-0346	EA	20" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,885.80	1,113.95
		For Class 52 Rating, Deduct	*-1,451.78*	
		For Class 54 Rating, Add	*1,999.95*	
		For Class 55 Rating, Add	*2,983.66*	
		For Class 56 Rating, Add	*3,954.17*	
40 05 19 00-0347	EA	20" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,238.32	1,118.05
		For Class 52 Rating, Deduct	*-1,489.87*	
		For Class 54 Rating, Add	*2,051.97*	
		For Class 55 Rating, Add	*3,061.04*	
		For Class 56 Rating, Add	*4,056.56*	
40 05 19 00-0348	EA	20" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,590.87	1,122.14
		For Class 52 Rating, Deduct	*-1,527.97*	
		For Class 54 Rating, Add	*2,104.00*	
		For Class 55 Rating, Add	*3,138.42*	
		For Class 56 Rating, Add	*4,158.95*	
40 05 19 00-0349	EA	20" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,943.39	1,126.24
		For Class 52 Rating, Deduct	*-1,566.07*	
		For Class 54 Rating, Add	*2,156.02*	
		For Class 55 Rating, Add	*3,215.80*	
		For Class 56 Rating, Add	*4,261.33*	
40 05 19 00-0350	EA	20" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,295.92	1,130.34
		For Class 52 Rating, Deduct	*-1,604.16*	
		For Class 54 Rating, Add	*2,208.05*	
		For Class 55 Rating, Add	*3,293.18*	
		For Class 56 Rating, Add	*4,363.73*	
40 05 19 00-0351	EA	20" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,648.45	1,134.44
		For Class 52 Rating, Deduct	*-1,642.26*	
		For Class 54 Rating, Add	*2,260.07*	
		For Class 55 Rating, Add	*3,370.56*	
		For Class 56 Rating, Add	*4,466.11*	
40 05 19 00-0352	EA	20" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,000.99	1,138.53
		For Class 52 Rating, Deduct	*-1,680.35*	
		For Class 54 Rating, Add	*2,312.09*	
		For Class 55 Rating, Add	*3,447.94*	
		For Class 56 Rating, Add	*4,568.50*	
40 05 19 00-0353	EA	20" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,353.51	1,142.63
		For Class 52 Rating, Deduct	*-1,718.45*	
		For Class 54 Rating, Add	*2,364.11*	
		For Class 55 Rating, Add	*3,525.31*	
		For Class 56 Rating, Add	*4,670.89*	
40 05 19 00-0354	EA	20" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,706.03	1,146.72
		For Class 52 Rating, Deduct	*-1,756.54*	
		For Class 54 Rating, Add	*2,416.14*	
		For Class 55 Rating, Add	*3,602.69*	
		For Class 56 Rating, Add	*4,773.28*	
40 05 19 00-0355	EA	20" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,058.57	1,150.82
		For Class 52 Rating, Deduct	*-1,794.64*	
		For Class 54 Rating, Add	*2,468.16*	
		For Class 55 Rating, Add	*3,680.07*	
		For Class 56 Rating, Add	*4,875.67*	
40 05 19 00-0356	EA	20" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,411.09	1,154.91
		For Class 52 Rating, Deduct	*-1,832.74*	
		For Class 54 Rating, Add	*2,520.18*	
		For Class 55 Rating, Add	*3,757.45*	
		For Class 56 Rating, Add	*4,978.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0357	EA	20" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,763.63	1,159.01
		For Class 52 Rating, Deduct	*-1,870.83*	
		For Class 54 Rating, Add	*2,572.21*	
		For Class 55 Rating, Add	*3,834.83*	
		For Class 56 Rating, Add	*5,080.45*	
40 05 19 00-0358	EA	20" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,116.16	1,163.10
		For Class 52 Rating, Deduct	*-1,908.93*	
		For Class 54 Rating, Add	*2,624.23*	
		For Class 55 Rating, Add	*3,912.21*	
		For Class 56 Rating, Add	*5,182.84*	
40 05 19 00-0359		24" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*		
40 05 19 00-0360	EA	24" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,478.60	1,195.87
		For Class 52 Rating, Deduct	*-623.33*	
		For Class 54 Rating, Add	*871.75*	
		For Class 55 Rating, Add	*1,307.16*	
		For Class 56 Rating, Add	*1,736.90*	
40 05 19 00-0361	EA	24" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,913.94	1,199.96
		For Class 52 Rating, Deduct	*-670.54*	
		For Class 54 Rating, Add	*936.19*	
		For Class 55 Rating, Add	*1,403.00*	
		For Class 56 Rating, Add	*1,863.72*	
40 05 19 00-0362	EA	24" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,349.29	1,204.06
		For Class 52 Rating, Deduct	*-717.75*	
		For Class 54 Rating, Add	*1,000.64*	
		For Class 55 Rating, Add	*1,498.85*	
		For Class 56 Rating, Add	*1,990.54*	
40 05 19 00-0363	EA	24" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,784.63	1,208.15
		For Class 52 Rating, Deduct	*-764.95*	
		For Class 54 Rating, Add	*1,065.08*	
		For Class 55 Rating, Add	*1,594.70*	
		For Class 56 Rating, Add	*2,117.36*	
40 05 19 00-0364	EA	24" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,219.98	1,212.25
		For Class 52 Rating, Deduct	*-812.16*	
		For Class 54 Rating, Add	*1,129.53*	
		For Class 55 Rating, Add	*1,690.54*	
		For Class 56 Rating, Add	*2,244.18*	
40 05 19 00-0365	EA	24" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,655.32	1,216.34
		For Class 52 Rating, Deduct	*-859.36*	
		For Class 54 Rating, Add	*1,193.97*	
		For Class 55 Rating, Add	*1,786.39*	
		For Class 56 Rating, Add	*2,371.00*	
40 05 19 00-0366	EA	24" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,090.68	1,220.44
		For Class 52 Rating, Deduct	*-906.57*	
		For Class 54 Rating, Add	*1,258.42*	
		For Class 55 Rating, Add	*1,882.24*	
		For Class 56 Rating, Add	*2,497.82*	
40 05 19 00-0367	EA	24" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,526.02	1,224.53
		For Class 52 Rating, Deduct	*-953.77*	
		For Class 54 Rating, Add	*1,322.86*	
		For Class 55 Rating, Add	*1,978.09*	
		For Class 56 Rating, Add	*2,624.64*	
40 05 19 00-0368	EA	24" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,961.37	1,228.63
		For Class 52 Rating, Deduct	*-1,000.98*	
		For Class 54 Rating, Add	*1,387.31*	
		For Class 55 Rating, Add	*2,073.94*	
		For Class 56 Rating, Add	*2,751.46*	
40 05 19 00-0369	EA	24" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,396.72	1,232.72
		For Class 52 Rating, Deduct	*-1,048.18*	
		For Class 54 Rating, Add	*1,451.76*	
		For Class 55 Rating, Add	*2,169.78*	
		For Class 56 Rating, Add	*2,878.28*	
40 05 19 00-0370	EA	24" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,832.06	1,236.82
		For Class 52 Rating, Deduct	*-1,095.39*	
		For Class 54 Rating, Add	*1,516.20*	
		For Class 55 Rating, Add	*2,265.63*	
		For Class 56 Rating, Add	*3,005.10*	
40 05 19 00-0371	EA	24" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,267.40	1,240.91
		For Class 52 Rating, Deduct	*-1,142.60*	
		For Class 54 Rating, Add	*1,580.65*	
		For Class 55 Rating, Add	*2,361.48*	
		For Class 56 Rating, Add	*3,131.92*	
40 05 19 00-0372	EA	24" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,702.75	1,245.02
		For Class 52 Rating, Deduct	*-1,189.80*	
		For Class 54 Rating, Add	*1,645.09*	
		For Class 55 Rating, Add	*2,457.33*	
		For Class 56 Rating, Add	*3,258.74*	
40 05 19 00-0373	EA	24" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,138.11	1,249.11
		For Class 52 Rating, Deduct	*-1,237.01*	
		For Class 54 Rating, Add	*1,709.54*	
		For Class 55 Rating, Add	*2,553.17*	
		For Class 56 Rating, Add	*3,385.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0374	EA	24" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,573.45	1,253.20
		For Class 52 Rating, Deduct	*-1,284.21*	
		For Class 54 Rating, Add	*1,773.98*	
		For Class 55 Rating, Add	*2,649.02*	
		For Class 56 Rating, Add	*3,512.38*	
40 05 19 00-0375	EA	24" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,008.79	1,257.30
		For Class 52 Rating, Deduct	*-1,331.42*	
		For Class 54 Rating, Add	*1,838.43*	
		For Class 55 Rating, Add	*2,744.87*	
		For Class 56 Rating, Add	*3,639.20*	
40 05 19 00-0376	EA	24" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,444.14	1,261.39
		For Class 52 Rating, Deduct	*-1,378.62*	
		For Class 54 Rating, Add	*1,902.88*	
		For Class 55 Rating, Add	*2,840.71*	
		For Class 56 Rating, Add	*3,766.02*	
40 05 19 00-0377	EA	24" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,879.49	1,265.49
		For Class 52 Rating, Deduct	*-1,425.83*	
		For Class 54 Rating, Add	*1,967.32*	
		For Class 55 Rating, Add	*2,936.56*	
		For Class 56 Rating, Add	*3,892.84*	
40 05 19 00-0378	EA	24" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,314.84	1,269.58
		For Class 52 Rating, Deduct	*-1,473.04*	
		For Class 54 Rating, Add	*2,031.77*	
		For Class 55 Rating, Add	*3,032.41*	
		For Class 56 Rating, Add	*4,019.66*	
40 05 19 00-0379	EA	24" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,750.19	1,273.68
		For Class 52 Rating, Deduct	*-1,520.24*	
		For Class 54 Rating, Add	*2,096.21*	
		For Class 55 Rating, Add	*3,128.26*	
		For Class 56 Rating, Add	*4,146.48*	
40 05 19 00-0380	EA	24" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,185.53	1,277.77
		For Class 52 Rating, Deduct	*-1,567.45*	
		For Class 54 Rating, Add	*2,160.66*	
		For Class 55 Rating, Add	*3,224.11*	
		For Class 56 Rating, Add	*4,273.30*	
40 05 19 00-0381	EA	24" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,620.88	1,281.87
		For Class 52 Rating, Deduct	*-1,614.65*	
		For Class 54 Rating, Add	*2,225.10*	
		For Class 55 Rating, Add	*3,319.95*	
		For Class 56 Rating, Add	*4,400.12*	
40 05 19 00-0382	EA	24" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,056.22	1,285.96
		For Class 52 Rating, Deduct	*-1,661.86*	
		For Class 54 Rating, Add	*2,289.55*	
		For Class 55 Rating, Add	*3,415.80*	
		For Class 56 Rating, Add	*4,526.94*	
40 05 19 00-0383	EA	24" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,491.57	1,290.06
		For Class 52 Rating, Deduct	*-1,709.06*	
		For Class 54 Rating, Add	*2,354.00*	
		For Class 55 Rating, Add	*3,511.65*	
		For Class 56 Rating, Add	*4,653.76*	
40 05 19 00-0384	EA	24" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,926.92	1,294.15
		For Class 52 Rating, Deduct	*-1,756.27*	
		For Class 54 Rating, Add	*2,418.44*	
		For Class 55 Rating, Add	*3,607.50*	
		For Class 56 Rating, Add	*4,780.58*	
40 05 19 00-0385	EA	24" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,362.26	1,298.25
		For Class 52 Rating, Deduct	*-1,803.47*	
		For Class 54 Rating, Add	*2,482.89*	
		For Class 55 Rating, Add	*3,703.34*	
		For Class 56 Rating, Add	*4,907.40*	
40 05 19 00-0386	EA	24" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,797.62	1,302.35
		For Class 52 Rating, Deduct	*-1,850.68*	
		For Class 54 Rating, Add	*2,547.33*	
		For Class 55 Rating, Add	*3,799.19*	
		For Class 56 Rating, Add	*5,034.22*	
40 05 19 00-0387	EA	24" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,232.96	1,306.45
		For Class 52 Rating, Deduct	*-1,897.89*	
		For Class 54 Rating, Add	*2,611.78*	
		For Class 55 Rating, Add	*3,895.04*	
		For Class 56 Rating, Add	*5,161.04*	
40 05 19 00-0388	EA	24" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,668.30	1,310.54
		For Class 52 Rating, Deduct	*-1,945.09*	
		For Class 54 Rating, Add	*2,676.22*	
		For Class 55 Rating, Add	*3,990.88*	
		For Class 56 Rating, Add	*5,287.86*	
40 05 19 00-0389	EA	24" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,209.13	1,384.26
		For Class 52 Rating, Deduct	*-1,992.30*	
		For Class 54 Rating, Add	*2,741.94*	
		For Class 55 Rating, Add	*4,089.26*	
		For Class 56 Rating, Add	*5,418.48*	
40 05 19 00-0390	EA	24" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,644.48	1,388.35
		For Class 52 Rating, Deduct	*-2,039.50*	
		For Class 54 Rating, Add	*2,806.38*	
		For Class 55 Rating, Add	*4,185.11*	
		For Class 56 Rating, Add	*5,545.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0391	EA	24" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,079.84	1,392.44
		For Class 52 Rating, Deduct	*-2,086.71*	
		For Class 54 Rating, Add	*2,870.83*	
		For Class 55 Rating, Add	*4,280.96*	
		For Class 56 Rating, Add	*5,672.12*	
40 05 19 00-0392	EA	24" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,515.18	1,396.54
		For Class 52 Rating, Deduct	*-2,133.91*	
		For Class 54 Rating, Add	*2,935.27*	
		For Class 55 Rating, Add	*4,376.81*	
		For Class 56 Rating, Add	*5,798.94*	
40 05 19 00-0393	EA	24" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,950.53	1,400.63
		For Class 52 Rating, Deduct	*-2,181.12*	
		For Class 54 Rating, Add	*2,999.72*	
		For Class 55 Rating, Add	*4,472.65*	
		For Class 56 Rating, Add	*5,925.76*	
40 05 19 00-0394	EA	24" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,385.87	1,404.73
		For Class 52 Rating, Deduct	*-2,228.32*	
		For Class 54 Rating, Add	*3,064.16*	
		For Class 55 Rating, Add	*4,568.50*	
		For Class 56 Rating, Add	*6,052.58*	
40 05 19 00-0395	EA	24" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,821.22	1,408.82
		For Class 52 Rating, Deduct	*-2,275.53*	
		For Class 54 Rating, Add	*3,128.61*	
		For Class 55 Rating, Add	*4,664.35*	
		For Class 56 Rating, Add	*6,179.40*	
40 05 19 00-0396	EA	24" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,256.56	1,412.92
		For Class 52 Rating, Deduct	*-2,322.73*	
		For Class 54 Rating, Add	*3,193.05*	
		For Class 55 Rating, Add	*4,760.20*	
		For Class 56 Rating, Add	*6,306.22*	
40 05 19 00-0397	EA	24" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,691.92	1,417.02
		For Class 52 Rating, Deduct	*-2,369.94*	
		For Class 54 Rating, Add	*3,257.50*	
		For Class 55 Rating, Add	*4,856.05*	
		For Class 56 Rating, Add	*6,433.04*	

40 05 19 00-0398 30" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

40 05 19 00-0399	EA	30" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,566.00	1,687.31
		For Class 52 Rating, Deduct	*-991.04*	
		For Class 54 Rating, Add	*1,382.10*	
		For Class 55 Rating, Add	*2,070.47*	
		For Class 56 Rating, Add	*2,749.83*	
40 05 19 00-0400	EA	30" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,192.08	1,691.41
		For Class 52 Rating, Deduct	*-1,059.23*	
		For Class 54 Rating, Add	*1,475.15*	
		For Class 55 Rating, Add	*2,208.85*	
		For Class 56 Rating, Add	*2,932.91*	
40 05 19 00-0401	EA	30" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,818.16	1,695.50
		For Class 52 Rating, Deduct	*-1,127.41*	
		For Class 54 Rating, Add	*1,568.21*	
		For Class 55 Rating, Add	*2,347.23*	
		For Class 56 Rating, Add	*3,116.00*	
40 05 19 00-0402	EA	30" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,444.24	1,699.60
		For Class 52 Rating, Deduct	*-1,195.60*	
		For Class 54 Rating, Add	*1,661.26*	
		For Class 55 Rating, Add	*2,485.61*	
		For Class 56 Rating, Add	*3,299.08*	
40 05 19 00-0403	EA	30" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,070.31	1,703.69
		For Class 52 Rating, Deduct	*-1,263.78*	
		For Class 54 Rating, Add	*1,754.32*	
		For Class 55 Rating, Add	*2,623.99*	
		For Class 56 Rating, Add	*3,482.17*	
40 05 19 00-0404	EA	30" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,696.38	1,707.80
		For Class 52 Rating, Deduct	*-1,331.97*	
		For Class 54 Rating, Add	*1,847.37*	
		For Class 55 Rating, Add	*2,762.37*	
		For Class 56 Rating, Add	*3,665.25*	
40 05 19 00-0405	EA	30" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,322.47	1,711.89
		For Class 52 Rating, Deduct	*-1,400.16*	
		For Class 54 Rating, Add	*1,940.43*	
		For Class 55 Rating, Add	*2,900.75*	
		For Class 56 Rating, Add	*3,848.34*	
40 05 19 00-0406	EA	30" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,948.54	1,715.99
		For Class 52 Rating, Deduct	*-1,468.34*	
		For Class 54 Rating, Add	*2,033.48*	
		For Class 55 Rating, Add	*3,039.13*	
		For Class 56 Rating, Add	*4,031.42*	
40 05 19 00-0407	EA	30" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,574.61	1,720.08
		For Class 52 Rating, Deduct	*-1,536.53*	
		For Class 54 Rating, Add	*2,126.54*	
		For Class 55 Rating, Add	*3,177.51*	
		For Class 56 Rating, Add	*4,214.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0408	EA	30" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,200.69	1,724.18
		For Class 52 Rating, Deduct	*-1,604.71*	
		For Class 54 Rating, Add	*2,219.59*	
		For Class 55 Rating, Add	*3,315.89*	
		For Class 56 Rating, Add	*4,397.59*	
40 05 19 00-0409	EA	30" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,826.77	1,728.27
		For Class 52 Rating, Deduct	*-1,672.90*	
		For Class 54 Rating, Add	*2,312.65*	
		For Class 55 Rating, Add	*3,454.27*	
		For Class 56 Rating, Add	*4,580.68*	
40 05 19 00-0410	EA	30" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,452.85	1,732.37
		For Class 52 Rating, Deduct	*-1,741.09*	
		For Class 54 Rating, Add	*2,405.71*	
		For Class 55 Rating, Add	*3,592.65*	
		For Class 56 Rating, Add	*4,763.77*	
40 05 19 00-0411	EA	30" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,078.92	1,736.46
		For Class 52 Rating, Deduct	*-1,809.27*	
		For Class 54 Rating, Add	*2,498.76*	
		For Class 55 Rating, Add	*3,731.03*	
		For Class 56 Rating, Add	*4,946.85*	
40 05 19 00-0412	EA	30" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,705.00	1,740.56
		For Class 52 Rating, Deduct	*-1,877.46*	
		For Class 54 Rating, Add	*2,591.82*	
		For Class 55 Rating, Add	*3,869.41*	
		For Class 56 Rating, Add	*5,129.94*	
40 05 19 00-0413	EA	30" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,331.07	1,744.65
		For Class 52 Rating, Deduct	*-1,945.64*	
		For Class 54 Rating, Add	*2,684.87*	
		For Class 55 Rating, Add	*4,007.79*	
		For Class 56 Rating, Add	*5,313.02*	
40 05 19 00-0414	EA	30" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,957.15	1,748.75
		For Class 52 Rating, Deduct	*-2,013.83*	
		For Class 54 Rating, Add	*2,777.92*	
		For Class 55 Rating, Add	*4,146.17*	
		For Class 56 Rating, Add	*5,496.11*	
40 05 19 00-0415	EA	30" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,583.23	1,752.84
		For Class 52 Rating, Deduct	*-2,082.01*	
		For Class 54 Rating, Add	*2,870.98*	
		For Class 55 Rating, Add	*4,284.55*	
		For Class 56 Rating, Add	*5,679.19*	
40 05 19 00-0416	EA	30" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,209.30	1,756.94
		For Class 52 Rating, Deduct	*-2,150.20*	
		For Class 54 Rating, Add	*2,964.03*	
		For Class 55 Rating, Add	*4,422.93*	
		For Class 56 Rating, Add	*5,862.28*	
40 05 19 00-0417	EA	30" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,835.38	1,761.03
		For Class 52 Rating, Deduct	*-2,218.39*	
		For Class 54 Rating, Add	*3,057.09*	
		For Class 55 Rating, Add	*4,561.31*	
		For Class 56 Rating, Add	*6,045.37*	
40 05 19 00-0418	EA	30" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,461.46	1,765.13
		For Class 52 Rating, Deduct	*-2,286.57*	
		For Class 54 Rating, Add	*3,150.15*	
		For Class 55 Rating, Add	*4,699.69*	
		For Class 56 Rating, Add	*6,228.45*	
40 05 19 00-0419	EA	30" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,087.54	1,769.23
		For Class 52 Rating, Deduct	*-2,354.76*	
		For Class 54 Rating, Add	*3,243.20*	
		For Class 55 Rating, Add	*4,838.07*	
		For Class 56 Rating, Add	*6,411.54*	
40 05 19 00-0420	EA	30" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,713.61	1,773.32
		For Class 52 Rating, Deduct	*-2,422.94*	
		For Class 54 Rating, Add	*3,336.26*	
		For Class 55 Rating, Add	*4,976.45*	
		For Class 56 Rating, Add	*6,594.62*	
40 05 19 00-0421	EA	30" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,339.68	1,777.42
		For Class 52 Rating, Deduct	*-2,491.13*	
		For Class 54 Rating, Add	*3,429.31*	
		For Class 55 Rating, Add	*5,114.83*	
		For Class 56 Rating, Add	*6,777.71*	
40 05 19 00-0422	EA	30" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,965.76	1,781.51
		For Class 52 Rating, Deduct	*-2,559.32*	
		For Class 54 Rating, Add	*3,522.37*	
		For Class 55 Rating, Add	*5,253.21*	
		For Class 56 Rating, Add	*6,960.79*	
40 05 19 00-0423	EA	30" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,589.33	1,785.61
		For Class 52 Rating, Deduct	*-2,627.22*	
		For Class 54 Rating, Add	*3,615.04*	
		For Class 55 Rating, Add	*5,391.03*	
		For Class 56 Rating, Add	*7,143.14*	
40 05 19 00-0424	EA	30" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,217.91	1,789.70
		For Class 52 Rating, Deduct	*-2,695.69*	
		For Class 54 Rating, Add	*3,708.48*	
		For Class 55 Rating, Add	*5,529.97*	
		For Class 56 Rating, Add	*7,326.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0425	EA	30" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,843.99	1,793.80
		For Class 52 Rating, Deduct	*-2,763.87*	
		For Class 54 Rating, Add	*3,801.53*	
		For Class 55 Rating, Add	*5,668.35*	
		For Class 56 Rating, Add	*7,510.05*	
40 05 19 00-0426	EA	30" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,470.07	1,797.89
		For Class 52 Rating, Deduct	*-2,832.06*	
		For Class 54 Rating, Add	*3,894.59*	
		For Class 55 Rating, Add	*5,806.73*	
		For Class 56 Rating, Add	*7,693.13*	
40 05 19 00-0427	EA	30" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,096.15	1,801.99
		For Class 52 Rating, Deduct	*-2,900.24*	
		For Class 54 Rating, Add	*3,987.64*	
		For Class 55 Rating, Add	*5,945.11*	
		For Class 56 Rating, Add	*7,876.22*	
40 05 19 00-0428	EA	30" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,722.22	1,806.08
		For Class 52 Rating, Deduct	*-2,968.43*	
		For Class 54 Rating, Add	*4,080.70*	
		For Class 55 Rating, Add	*6,083.49*	
		For Class 56 Rating, Add	*8,059.30*	
40 05 19 00-0429	EA	30" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	30,348.30	1,810.18
		For Class 52 Rating, Deduct	*-3,036.62*	
		For Class 54 Rating, Add	*4,173.75*	
		For Class 55 Rating, Add	*6,221.87*	
		For Class 56 Rating, Add	*8,242.39*	
40 05 19 00-0430	EA	30" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	30,974.37	1,814.27
		For Class 52 Rating, Deduct	*-3,104.80*	
		For Class 54 Rating, Add	*4,266.81*	
		For Class 55 Rating, Add	*6,360.25*	
		For Class 56 Rating, Add	*8,425.47*	
40 05 19 00-0431	EA	30" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	31,600.44	1,818.37
		For Class 52 Rating, Deduct	*-3,172.99*	
		For Class 54 Rating, Add	*4,359.86*	
		For Class 55 Rating, Add	*6,498.63*	
		For Class 56 Rating, Add	*8,608.56*	
40 05 19 00-0432	EA	30" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	32,226.53	1,822.47
		For Class 52 Rating, Deduct	*-3,241.17*	
		For Class 54 Rating, Add	*4,452.92*	
		For Class 55 Rating, Add	*6,637.01*	
		For Class 56 Rating, Add	*8,791.64*	
40 05 19 00-0433	EA	30" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	32,852.60	1,826.57
		For Class 52 Rating, Deduct	*-3,309.36*	
		For Class 54 Rating, Add	*4,545.97*	
		For Class 55 Rating, Add	*6,775.39*	
		For Class 56 Rating, Add	*8,974.73*	
40 05 19 00-0434	EA	30" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	33,478.68	1,830.66
		For Class 52 Rating, Deduct	*-3,377.55*	
		For Class 54 Rating, Add	*4,639.03*	
		For Class 55 Rating, Add	*6,913.78*	
		For Class 56 Rating, Add	*9,157.82*	
40 05 19 00-0435	EA	30" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	34,104.75	1,834.75
		For Class 52 Rating, Deduct	*-3,445.73*	
		For Class 54 Rating, Add	*4,732.08*	
		For Class 55 Rating, Add	*7,052.16*	
		For Class 56 Rating, Add	*9,340.90*	
40 05 19 00-0436	EA	30" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	34,730.84	1,838.85
		For Class 52 Rating, Deduct	*-3,513.92*	
		For Class 54 Rating, Add	*4,825.14*	
		For Class 55 Rating, Add	*7,190.54*	
		For Class 56 Rating, Add	*9,523.99*	

40 05 19 00-0437 36" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

40 05 19 00-0438	EA	36" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,130.93	2,137.81
		For Class 52 Rating, Deduct	*-1,418.10*	
		For Class 54 Rating, Add	*1,972.64*	
		For Class 55 Rating, Add	*2,952.61*	
		For Class 56 Rating, Add	*3,919.69*	
40 05 19 00-0439	EA	36" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,980.36	2,141.91
		For Class 52 Rating, Deduct	*-1,510.85*	
		For Class 54 Rating, Add	*2,099.20*	
		For Class 55 Rating, Add	*3,140.80*	
		For Class 56 Rating, Add	*4,168.67*	
40 05 19 00-0440	EA	36" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,829.79	2,146.00
		For Class 52 Rating, Deduct	*-1,603.61*	
		For Class 54 Rating, Add	*2,225.76*	
		For Class 55 Rating, Add	*3,328.99*	
		For Class 56 Rating, Add	*4,417.64*	
40 05 19 00-0441	EA	36" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,679.22	2,150.10
		For Class 52 Rating, Deduct	*-1,696.36*	
		For Class 54 Rating, Add	*2,352.32*	
		For Class 55 Rating, Add	*3,517.18*	
		For Class 56 Rating, Add	*4,666.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0442	EA	36" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,528.65	2,154.19
		For Class 52 Rating, Deduct	*-1,789.12*	
		For Class 54 Rating, Add	*2,478.88*	
		For Class 55 Rating, Add	*3,705.37*	
		For Class 56 Rating, Add	*4,915.59*	
40 05 19 00-0443	EA	36" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,378.07	2,158.29
		For Class 52 Rating, Deduct	*-1,881.87*	
		For Class 54 Rating, Add	*2,605.43*	
		For Class 55 Rating, Add	*3,893.55*	
		For Class 56 Rating, Add	*5,164.57*	
40 05 19 00-0444	EA	36" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,227.52	2,162.38
		For Class 52 Rating, Deduct	*-1,974.63*	
		For Class 54 Rating, Add	*2,731.99*	
		For Class 55 Rating, Add	*4,081.74*	
		For Class 56 Rating, Add	*5,413.54*	
40 05 19 00-0445	EA	36" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,076.94	2,166.48
		For Class 52 Rating, Deduct	*-2,067.38*	
		For Class 54 Rating, Add	*2,858.55*	
		For Class 55 Rating, Add	*4,269.93*	
		For Class 56 Rating, Add	*5,662.52*	
40 05 19 00-0446	EA	36" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,926.37	2,170.58
		For Class 52 Rating, Deduct	*-2,160.14*	
		For Class 54 Rating, Add	*2,985.11*	
		For Class 55 Rating, Add	*4,458.12*	
		For Class 56 Rating, Add	*5,911.49*	
40 05 19 00-0447	EA	36" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,775.81	2,174.68
		For Class 52 Rating, Deduct	*-2,252.89*	
		For Class 54 Rating, Add	*3,111.67*	
		For Class 55 Rating, Add	*4,646.31*	
		For Class 56 Rating, Add	*6,160.47*	
40 05 19 00-0448	EA	36" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,625.24	2,178.77
		For Class 52 Rating, Deduct	*-2,345.65*	
		For Class 54 Rating, Add	*3,238.22*	
		For Class 55 Rating, Add	*4,834.50*	
		For Class 56 Rating, Add	*6,409.44*	
40 05 19 00-0449	EA	36" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,474.67	2,182.87
		For Class 52 Rating, Deduct	*-2,438.40*	
		For Class 54 Rating, Add	*3,364.78*	
		For Class 55 Rating, Add	*5,022.68*	
		For Class 56 Rating, Add	*6,658.42*	
40 05 19 00-0450	EA	36" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,324.09	2,186.96
		For Class 52 Rating, Deduct	*-2,531.16*	
		For Class 54 Rating, Add	*3,491.34*	
		For Class 55 Rating, Add	*5,210.87*	
		For Class 56 Rating, Add	*6,907.39*	
40 05 19 00-0451	EA	36" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,173.53	2,191.06
		For Class 52 Rating, Deduct	*-2,623.91*	
		For Class 54 Rating, Add	*3,617.90*	
		For Class 55 Rating, Add	*5,399.06*	
		For Class 56 Rating, Add	*7,156.37*	
40 05 19 00-0452	EA	36" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,022.96	2,195.15
		For Class 52 Rating, Deduct	*-2,716.67*	
		For Class 54 Rating, Add	*3,744.46*	
		For Class 55 Rating, Add	*5,587.25*	
		For Class 56 Rating, Add	*7,405.34*	
40 05 19 00-0453	EA	36" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,872.39	2,199.25
		For Class 52 Rating, Deduct	*-2,809.42*	
		For Class 54 Rating, Add	*3,871.02*	
		For Class 55 Rating, Add	*5,775.44*	
		For Class 56 Rating, Add	*7,654.32*	
40 05 19 00-0454	EA	36" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,721.82	2,203.34
		For Class 52 Rating, Deduct	*-2,902.18*	
		For Class 54 Rating, Add	*3,997.57*	
		For Class 55 Rating, Add	*5,963.62*	
		For Class 56 Rating, Add	*7,903.29*	
40 05 19 00-0455	EA	36" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	30,571.25	2,207.43
		For Class 52 Rating, Deduct	*-2,994.93*	
		For Class 54 Rating, Add	*4,124.13*	
		For Class 55 Rating, Add	*6,151.81*	
		For Class 56 Rating, Add	*8,152.27*	
40 05 19 00-0456	EA	36" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	31,420.68	2,211.53
		For Class 52 Rating, Deduct	*-3,087.69*	
		For Class 54 Rating, Add	*4,250.69*	
		For Class 55 Rating, Add	*6,340.00*	
		For Class 56 Rating, Add	*8,401.24*	
40 05 19 00-0457	EA	36" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	32,270.11	2,215.62
		For Class 52 Rating, Deduct	*-3,180.44*	
		For Class 54 Rating, Add	*4,377.25*	
		For Class 55 Rating, Add	*6,528.19*	
		For Class 56 Rating, Add	*8,650.22*	
40 05 19 00-0458	EA	36" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	33,119.55	2,219.72
		For Class 52 Rating, Deduct	*-3,273.20*	
		For Class 54 Rating, Add	*4,503.81*	
		For Class 55 Rating, Add	*6,716.38*	
		For Class 56 Rating, Add	*8,899.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0459	EA	36" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	33,968.97	2,223.81
		For Class 52 Rating, Deduct	*-3,365.95*	
		For Class 54 Rating, Add	*4,630.37*	
		For Class 55 Rating, Add	*6,904.57*	
		For Class 56 Rating, Add	*9,148.17*	
40 05 19 00-0460	EA	36" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	34,818.40	2,227.92
		For Class 52 Rating, Deduct	*-3,458.71*	
		For Class 54 Rating, Add	*4,756.92*	
		For Class 55 Rating, Add	*7,092.75*	
		For Class 56 Rating, Add	*9,397.14*	
40 05 19 00-0461	EA	36" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	35,667.84	2,232.01
		For Class 52 Rating, Deduct	*-3,551.46*	
		For Class 54 Rating, Add	*4,883.48*	
		For Class 55 Rating, Add	*7,280.94*	
		For Class 56 Rating, Add	*9,646.12*	
40 05 19 00-0462	EA	36" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	36,517.27	2,236.11
		For Class 52 Rating, Deduct	*-3,644.22*	
		For Class 54 Rating, Add	*5,010.04*	
		For Class 55 Rating, Add	*7,469.13*	
		For Class 56 Rating, Add	*9,895.09*	
40 05 19 00-0463	EA	36" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	37,366.70	2,240.20
		For Class 52 Rating, Deduct	*-3,736.97*	
		For Class 54 Rating, Add	*5,136.60*	
		For Class 55 Rating, Add	*7,657.32*	
		For Class 56 Rating, Add	*10,144.07*	
40 05 19 00-0464	EA	36" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	38,216.12	2,244.30
		For Class 52 Rating, Deduct	*-3,829.72*	
		For Class 54 Rating, Add	*5,263.16*	
		For Class 55 Rating, Add	*7,845.51*	
		For Class 56 Rating, Add	*10,393.04*	
40 05 19 00-0465	EA	36" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	39,065.56	2,248.39
		For Class 52 Rating, Deduct	*-3,922.48*	
		For Class 54 Rating, Add	*5,389.72*	
		For Class 55 Rating, Add	*8,033.70*	
		For Class 56 Rating, Add	*10,642.02*	
40 05 19 00-0466	EA	36" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	39,914.99	2,252.49
		For Class 52 Rating, Deduct	*-4,015.23*	
		For Class 54 Rating, Add	*5,516.27*	
		For Class 55 Rating, Add	*8,221.88*	
		For Class 56 Rating, Add	*10,890.99*	
40 05 19 00-0467	EA	36" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	40,764.42	2,256.58
		For Class 52 Rating, Deduct	*-4,107.99*	
		For Class 54 Rating, Add	*5,642.83*	
		For Class 55 Rating, Add	*8,410.07*	
		For Class 56 Rating, Add	*11,139.97*	
40 05 19 00-0468	EA	36" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	41,613.85	2,260.68
		For Class 52 Rating, Deduct	*-4,200.74*	
		For Class 54 Rating, Add	*5,769.39*	
		For Class 55 Rating, Add	*8,598.26*	
		For Class 56 Rating, Add	*11,388.94*	
40 05 19 00-0469	EA	36" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	42,463.28	2,264.77
		For Class 52 Rating, Deduct	*-4,293.50*	
		For Class 54 Rating, Add	*5,895.95*	
		For Class 55 Rating, Add	*8,786.45*	
		For Class 56 Rating, Add	*11,637.92*	
40 05 19 00-0470	EA	36" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	43,312.71	2,268.87
		For Class 52 Rating, Deduct	*-4,386.25*	
		For Class 54 Rating, Add	*6,022.51*	
		For Class 55 Rating, Add	*8,974.64*	
		For Class 56 Rating, Add	*11,886.89*	
40 05 19 00-0471	EA	36" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	44,162.15	2,272.96
		For Class 52 Rating, Deduct	*-4,479.01*	
		For Class 54 Rating, Add	*6,149.07*	
		For Class 55 Rating, Add	*9,162.83*	
		For Class 56 Rating, Add	*12,135.87*	
40 05 19 00-0472	EA	36" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	45,011.58	2,277.05
		For Class 52 Rating, Deduct	*-4,571.76*	
		For Class 54 Rating, Add	*6,275.62*	
		For Class 55 Rating, Add	*9,351.01*	
		For Class 56 Rating, Add	*12,384.84*	
40 05 19 00-0473	EA	36" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	45,861.00	2,281.15
		For Class 52 Rating, Deduct	*-4,664.52*	
		For Class 54 Rating, Add	*6,402.18*	
		For Class 55 Rating, Add	*9,539.20*	
		For Class 56 Rating, Add	*12,633.82*	
40 05 19 00-0474	EA	36" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	46,710.44	2,285.25
		For Class 52 Rating, Deduct	*-4,757.27*	
		For Class 54 Rating, Add	*6,528.74*	
		For Class 55 Rating, Add	*9,727.39*	
		For Class 56 Rating, Add	*12,882.79*	
40 05 19 00-0475	EA	36" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	47,559.87	2,289.35
		For Class 52 Rating, Deduct	*-4,850.03*	
		For Class 54 Rating, Add	*6,655.30*	
		For Class 55 Rating, Add	*9,915.58*	
		For Class 56 Rating, Add	*13,131.77*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0476			42" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*		
40 05 19 00-0477		EA	42" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,281.30	2,694.80
			For Class 52 Rating, Deduct	*-1,891.81*	
			For Class 54 Rating, Add	*2,628.74*	
			For Class 55 Rating, Add	*3,933.21*	
			For Class 56 Rating, Add	*5,220.48*	
40 05 19 00-0478		EA	42" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,547.34	2,698.89
			For Class 52 Rating, Deduct	*-2,030.39*	
			For Class 54 Rating, Add	*2,817.79*	
			For Class 55 Rating, Add	*4,214.30*	
			For Class 56 Rating, Add	*5,592.35*	
40 05 19 00-0479		EA	42" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,798.30	2,702.99
			For Class 52 Rating, Deduct	*-2,167.32*	
			For Class 54 Rating, Add	*3,004.58*	
			For Class 55 Rating, Add	*4,492.03*	
			For Class 56 Rating, Add	*5,959.78*	
40 05 19 00-0480		EA	42" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,061.81	2,707.08
			For Class 52 Rating, Deduct	*-2,305.62*	
			For Class 54 Rating, Add	*3,193.25*	
			For Class 55 Rating, Add	*4,772.56*	
			For Class 56 Rating, Add	*6,330.91*	
40 05 19 00-0481		EA	42" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,312.78	2,711.18
			For Class 52 Rating, Deduct	*-2,442.54*	
			For Class 54 Rating, Add	*3,380.04*	
			For Class 55 Rating, Add	*5,050.29*	
			For Class 56 Rating, Add	*6,698.34*	
40 05 19 00-0482		EA	42" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,578.81	2,715.27
			For Class 52 Rating, Deduct	*-2,581.12*	
			For Class 54 Rating, Add	*3,569.08*	
			For Class 55 Rating, Add	*5,331.38*	
			For Class 56 Rating, Add	*7,070.21*	
40 05 19 00-0483		EA	42" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,827.26	2,719.36
			For Class 52 Rating, Deduct	*-2,717.77*	
			For Class 54 Rating, Add	*3,755.49*	
			For Class 55 Rating, Add	*5,608.55*	
			For Class 56 Rating, Add	*7,436.90*	
40 05 19 00-0484		EA	42" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	30,093.29	2,723.46
			For Class 52 Rating, Deduct	*-2,856.35*	
			For Class 54 Rating, Add	*3,944.54*	
			For Class 55 Rating, Add	*5,889.64*	
			For Class 56 Rating, Add	*7,808.77*	
40 05 19 00-0485		EA	42" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	31,344.25	2,727.55
			For Class 52 Rating, Deduct	*-2,993.27*	
			For Class 54 Rating, Add	*4,131.33*	
			For Class 55 Rating, Add	*6,167.37*	
			For Class 56 Rating, Add	*8,176.19*	
40 05 19 00-0486		EA	42" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	32,607.76	2,731.65
			For Class 52 Rating, Deduct	*-3,131.58*	
			For Class 54 Rating, Add	*4,320.00*	
			For Class 55 Rating, Add	*6,447.90*	
			For Class 56 Rating, Add	*8,547.32*	
40 05 19 00-0487		EA	42" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	33,858.73	2,735.74
			For Class 52 Rating, Deduct	*-3,268.50*	
			For Class 54 Rating, Add	*4,506.79*	
			For Class 55 Rating, Add	*6,725.63*	
			For Class 56 Rating, Add	*8,914.75*	
40 05 19 00-0488		EA	42" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	35,122.25	2,739.84
			For Class 52 Rating, Deduct	*-3,406.81*	
			For Class 54 Rating, Add	*4,695.46*	
			For Class 55 Rating, Add	*7,006.16*	
			For Class 56 Rating, Add	*9,285.88*	
40 05 19 00-0489		EA	42" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	36,373.22	2,743.93
			For Class 52 Rating, Deduct	*-3,543.73*	
			For Class 54 Rating, Add	*4,882.25*	
			For Class 55 Rating, Add	*7,283.89*	
			For Class 56 Rating, Add	*9,653.31*	
40 05 19 00-0490		EA	42" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	37,626.69	2,748.04
			For Class 52 Rating, Deduct	*-3,680.93*	
			For Class 54 Rating, Add	*5,069.42*	
			For Class 55 Rating, Add	*7,562.18*	
			For Class 56 Rating, Add	*10,021.48*	
40 05 19 00-0491		EA	42" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	38,887.71	2,752.13
			For Class 52 Rating, Deduct	*-3,818.96*	
			For Class 54 Rating, Add	*5,257.71*	
			For Class 55 Rating, Add	*7,842.15*	
			For Class 56 Rating, Add	*10,391.87*	
40 05 19 00-0492		EA	42" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	40,138.67	2,756.23
			For Class 52 Rating, Deduct	*-3,955.88*	
			For Class 54 Rating, Add	*5,444.50*	
			For Class 55 Rating, Add	*8,119.88*	
			For Class 56 Rating, Add	*10,759.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0493	EA	42" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	41,404.69	2,760.32
		For Class 52 Rating, Deduct	*-4,094.46*	
		For Class 54 Rating, Add	*5,633.55*	
		For Class 55 Rating, Add	*8,400.97*	
		For Class 56 Rating, Add	*11,131.17*	
40 05 19 00-0494	EA	42" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	42,655.65	2,764.42
		For Class 52 Rating, Deduct	*-4,231.39*	
		For Class 54 Rating, Add	*5,820.33*	
		For Class 55 Rating, Add	*8,678.70*	
		For Class 56 Rating, Add	*11,498.60*	
40 05 19 00-0495	EA	42" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	43,919.18	2,768.51
		For Class 52 Rating, Deduct	*-4,369.69*	
		For Class 54 Rating, Add	*6,009.01*	
		For Class 55 Rating, Add	*8,959.23*	
		For Class 56 Rating, Add	*11,869.73*	
40 05 19 00-0496	EA	42" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	45,170.14	2,772.61
		For Class 52 Rating, Deduct	*-4,506.61*	
		For Class 54 Rating, Add	*6,195.79*	
		For Class 55 Rating, Add	*9,236.96*	
		For Class 56 Rating, Add	*12,237.15*	
40 05 19 00-0497	EA	42" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	46,436.16	2,776.70
		For Class 52 Rating, Deduct	*-4,645.19*	
		For Class 54 Rating, Add	*6,384.84*	
		For Class 55 Rating, Add	*9,518.05*	
		For Class 56 Rating, Add	*12,609.02*	
40 05 19 00-0498	EA	42" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	47,687.13	2,780.80
		For Class 52 Rating, Deduct	*-4,782.12*	
		For Class 54 Rating, Add	*6,571.63*	
		For Class 55 Rating, Add	*9,795.78*	
		For Class 56 Rating, Add	*12,976.45*	
40 05 19 00-0499	EA	42" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	48,950.64	2,784.89
		For Class 52 Rating, Deduct	*-4,920.42*	
		For Class 54 Rating, Add	*6,760.30*	
		For Class 55 Rating, Add	*10,076.31*	
		For Class 56 Rating, Add	*13,347.58*	
40 05 19 00-0500	EA	42" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	50,201.61	2,788.98
		For Class 52 Rating, Deduct	*-5,057.35*	
		For Class 54 Rating, Add	*6,947.09*	
		For Class 55 Rating, Add	*10,354.04*	
		For Class 56 Rating, Add	*13,715.01*	
40 05 19 00-0501	EA	42" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	51,467.63	2,793.08
		For Class 52 Rating, Deduct	*-5,195.93*	
		For Class 54 Rating, Add	*7,136.14*	
		For Class 55 Rating, Add	*10,635.13*	
		For Class 56 Rating, Add	*14,086.88*	
40 05 19 00-0502	EA	42" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	52,718.60	2,797.17
		For Class 52 Rating, Deduct	*-5,332.85*	
		For Class 54 Rating, Add	*7,322.93*	
		For Class 55 Rating, Add	*10,912.86*	
		For Class 56 Rating, Add	*14,454.31*	
40 05 19 00-0503	EA	42" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	53,979.60	2,801.27
		For Class 52 Rating, Deduct	*-5,470.88*	
		For Class 54 Rating, Add	*7,511.22*	
		For Class 55 Rating, Add	*11,192.83*	
		For Class 56 Rating, Add	*14,824.70*	
40 05 19 00-0504	EA	42" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	55,233.08	2,805.37
		For Class 52 Rating, Deduct	*-5,608.08*	
		For Class 54 Rating, Add	*7,698.38*	
		For Class 55 Rating, Add	*11,471.12*	
		For Class 56 Rating, Add	*15,192.86*	
40 05 19 00-0505	EA	42" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	56,233.10	2,809.47
		For Class 52 Rating, Deduct	*-5,717.40*	
		For Class 54 Rating, Add	*7,847.53*	
		For Class 55 Rating, Add	*11,692.88*	
		For Class 56 Rating, Add	*15,486.26*	
40 05 19 00-0506	EA	42" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	57,747.57	2,813.56
		For Class 52 Rating, Deduct	*-5,883.31*	
		For Class 54 Rating, Add	*8,073.85*	
		For Class 55 Rating, Add	*12,029.38*	
		For Class 56 Rating, Add	*15,931.42*	
40 05 19 00-0507	EA	42" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	58,998.53	2,817.66
		For Class 52 Rating, Deduct	*-6,020.23*	
		For Class 54 Rating, Add	*8,260.63*	
		For Class 55 Rating, Add	*12,307.11*	
		For Class 56 Rating, Add	*16,298.85*	
40 05 19 00-0508	EA	42" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	60,262.05	2,821.75
		For Class 52 Rating, Deduct	*-6,158.53*	
		For Class 54 Rating, Add	*8,449.31*	
		For Class 55 Rating, Add	*12,587.64*	
		For Class 56 Rating, Add	*16,669.98*	
40 05 19 00-0509	EA	42" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	61,513.02	2,825.85
		For Class 52 Rating, Deduct	*-6,295.46*	
		For Class 54 Rating, Add	*8,636.09*	
		For Class 55 Rating, Add	*12,865.37*	
		For Class 56 Rating, Add	*17,037.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0510	EA	42" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	62,779.04	2,829.94
		For Class 52 Rating, Deduct	*-6,434.04*	
		For Class 54 Rating, Add	*8,825.14*	
		For Class 55 Rating, Add	*13,146.46*	
		For Class 56 Rating, Add	*17,409.28*	
40 05 19 00-0511	EA	42" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	64,027.49	2,834.04
		For Class 52 Rating, Deduct	*-6,570.69*	
		For Class 54 Rating, Add	*9,011.55*	
		For Class 55 Rating, Add	*13,423.63*	
		For Class 56 Rating, Add	*17,775.97*	
40 05 19 00-0512	EA	42" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	65,293.52	2,838.13
		For Class 52 Rating, Deduct	*-6,709.27*	
		For Class 54 Rating, Add	*9,200.60*	
		For Class 55 Rating, Add	*13,704.72*	
		For Class 56 Rating, Add	*18,147.84*	
40 05 19 00-0513	EA	42" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	66,544.49	2,842.23
		For Class 52 Rating, Deduct	*-6,846.19*	
		For Class 54 Rating, Add	*9,387.39*	
		For Class 55 Rating, Add	*13,982.45*	
		For Class 56 Rating, Add	*18,515.26*	
40 05 19 00-0514	EA	42" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	67,808.00	2,846.32
		For Class 52 Rating, Deduct	*-6,984.49*	
		For Class 54 Rating, Add	*9,576.06*	
		For Class 55 Rating, Add	*14,262.97*	
		For Class 56 Rating, Add	*18,886.39*	

40 05 19 00-0515 48" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

40 05 19 00-0516	EA	48" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,694.18	3,386.92
		For Class 52 Rating, Deduct	*-2,371.87*	
		For Class 54 Rating, Add	*3,295.95*	
		For Class 55 Rating, Add	*4,931.59*	
		For Class 56 Rating, Add	*6,545.67*	
40 05 19 00-0517	EA	48" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,534.90	3,391.02
		For Class 52 Rating, Deduct	*-2,573.67*	
		For Class 54 Rating, Add	*3,571.20*	
		For Class 55 Rating, Add	*5,340.84*	
		For Class 56 Rating, Add	*7,087.08*	
40 05 19 00-0518	EA	48" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	30,373.11	3,395.11
		For Class 52 Rating, Deduct	*-2,775.19*	
		For Class 54 Rating, Add	*3,846.08*	
		For Class 55 Rating, Add	*5,749.53*	
		For Class 56 Rating, Add	*7,627.75*	
40 05 19 00-0519	EA	48" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	32,226.39	3,399.21
		For Class 52 Rating, Deduct	*-2,978.37*	
		For Class 54 Rating, Add	*4,123.21*	
		For Class 55 Rating, Add	*6,161.57*	
		For Class 56 Rating, Add	*8,172.85*	
40 05 19 00-0520	EA	48" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	34,067.11	3,403.30
		For Class 52 Rating, Deduct	*-3,180.16*	
		For Class 54 Rating, Add	*4,398.47*	
		For Class 55 Rating, Add	*6,570.82*	
		For Class 56 Rating, Add	*8,714.26*	
40 05 19 00-0521	EA	48" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	35,907.83	3,407.40
		For Class 52 Rating, Deduct	*-3,381.96*	
		For Class 54 Rating, Add	*4,673.72*	
		For Class 55 Rating, Add	*6,980.06*	
		For Class 56 Rating, Add	*9,255.67*	
40 05 19 00-0522	EA	48" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	37,758.59	3,411.49
		For Class 52 Rating, Deduct	*-3,584.86*	
		For Class 54 Rating, Add	*4,950.48*	
		For Class 55 Rating, Add	*7,391.55*	
		For Class 56 Rating, Add	*9,800.03*	
40 05 19 00-0523	EA	48" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	39,601.83	3,415.59
		For Class 52 Rating, Deduct	*-3,786.94*	
		For Class 54 Rating, Add	*5,226.11*	
		For Class 55 Rating, Add	*7,801.36*	
		For Class 56 Rating, Add	*10,342.18*	
40 05 19 00-0524	EA	48" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	41,440.04	3,419.68
		For Class 52 Rating, Deduct	*-3,988.46*	
		For Class 54 Rating, Add	*5,500.98*	
		For Class 55 Rating, Add	*8,210.04*	
		For Class 56 Rating, Add	*10,882.84*	
40 05 19 00-0525	EA	48" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	43,293.31	3,423.78
		For Class 52 Rating, Deduct	*-4,191.63*	
		For Class 54 Rating, Add	*5,778.12*	
		For Class 55 Rating, Add	*8,622.09*	
		For Class 56 Rating, Add	*11,427.95*	
40 05 19 00-0526	EA	48" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	45,134.03	3,427.87
		For Class 52 Rating, Deduct	*-4,393.43*	
		For Class 54 Rating, Add	*6,053.37*	
		For Class 55 Rating, Add	*9,031.33*	
		For Class 56 Rating, Add	*11,969.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0527	EA	48" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	46,987.31	3,431.97
		For Class 52 Rating, Deduct	*-4,596.61*	
		For Class 54 Rating, Add	*6,330.50*	
		For Class 55 Rating, Add	*9,443.38*	
		For Class 56 Rating, Add	*12,514.47*	
40 05 19 00-0528	EA	48" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	48,825.52	3,436.06
		For Class 52 Rating, Deduct	*-4,798.13*	
		For Class 54 Rating, Add	*6,605.38*	
		For Class 55 Rating, Add	*9,852.07*	
		For Class 56 Rating, Add	*13,055.13*	
40 05 19 00-0529	EA	48" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	50,666.24	3,440.17
		For Class 52 Rating, Deduct	*-4,999.93*	
		For Class 54 Rating, Add	*6,880.63*	
		For Class 55 Rating, Add	*10,261.31*	
		For Class 56 Rating, Add	*13,596.54*	
40 05 19 00-0530	EA	48" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	52,519.51	3,444.26
		For Class 52 Rating, Deduct	*-5,203.10*	
		For Class 54 Rating, Add	*7,157.76*	
		For Class 55 Rating, Add	*10,673.36*	
		For Class 56 Rating, Add	*14,141.65*	
40 05 19 00-0531	EA	48" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	54,360.23	3,448.35
		For Class 52 Rating, Deduct	*-5,404.90*	
		For Class 54 Rating, Add	*7,433.02*	
		For Class 55 Rating, Add	*11,082.60*	
		For Class 56 Rating, Add	*14,683.05*	
40 05 19 00-0532	EA	48" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	56,198.45	3,452.45
		For Class 52 Rating, Deduct	*-5,606.42*	
		For Class 54 Rating, Add	*7,707.89*	
		For Class 55 Rating, Add	*11,491.29*	
		For Class 56 Rating, Add	*15,223.72*	
40 05 19 00-0533	EA	48" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	58,051.72	3,456.54
		For Class 52 Rating, Deduct	*-5,809.60*	
		For Class 54 Rating, Add	*7,985.03*	
		For Class 55 Rating, Add	*11,903.33*	
		For Class 56 Rating, Add	*15,768.83*	
40 05 19 00-0534	EA	48" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	59,892.44	3,460.64
		For Class 52 Rating, Deduct	*-6,011.40*	
		For Class 54 Rating, Add	*8,260.28*	
		For Class 55 Rating, Add	*12,312.58*	
		For Class 56 Rating, Add	*16,310.23*	
40 05 19 00-0535	EA	48" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	61,730.65	3,464.73
		For Class 52 Rating, Deduct	*-6,212.92*	
		For Class 54 Rating, Add	*8,535.15*	
		For Class 55 Rating, Add	*12,721.27*	
		For Class 56 Rating, Add	*16,850.90*	
40 05 19 00-0536	EA	48" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	63,583.92	3,468.83
		For Class 52 Rating, Deduct	*-6,416.09*	
		For Class 54 Rating, Add	*8,812.29*	
		For Class 55 Rating, Add	*13,133.31*	
		For Class 56 Rating, Add	*17,396.00*	
40 05 19 00-0537	EA	48" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	65,427.16	3,472.92
		For Class 52 Rating, Deduct	*-6,618.17*	
		For Class 54 Rating, Add	*9,087.92*	
		For Class 55 Rating, Add	*13,543.12*	
		For Class 56 Rating, Add	*17,938.15*	
40 05 19 00-0538	EA	48" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	67,265.37	3,477.02
		For Class 52 Rating, Deduct	*-6,819.69*	
		For Class 54 Rating, Add	*9,362.79*	
		For Class 55 Rating, Add	*13,951.80*	
		For Class 56 Rating, Add	*18,478.82*	
40 05 19 00-0539	EA	48" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	69,118.63	3,481.11
		For Class 52 Rating, Deduct	*-7,022.86*	
		For Class 54 Rating, Add	*9,639.93*	
		For Class 55 Rating, Add	*14,363.85*	
		For Class 56 Rating, Add	*19,023.92*	
40 05 19 00-0540	EA	48" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	70,959.37	3,485.21
		For Class 52 Rating, Deduct	*-7,224.66*	
		For Class 54 Rating, Add	*9,915.18*	
		For Class 55 Rating, Add	*14,773.09*	
		For Class 56 Rating, Add	*19,565.33*	
40 05 19 00-0541	EA	48" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	72,797.58	3,489.30
		For Class 52 Rating, Deduct	*-7,426.18*	
		For Class 54 Rating, Add	*10,190.05*	
		For Class 55 Rating, Add	*15,181.78*	
		For Class 56 Rating, Add	*20,106.00*	
40 05 19 00-0542	EA	48" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	74,650.85	3,493.40
		For Class 52 Rating, Deduct	*-7,629.36*	
		For Class 54 Rating, Add	*10,467.19*	
		For Class 55 Rating, Add	*15,593.83*	
		For Class 56 Rating, Add	*20,651.11*	
40 05 19 00-0543	EA	48" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	76,491.57	3,497.50
		For Class 52 Rating, Deduct	*-7,831.16*	
		For Class 54 Rating, Add	*10,742.44*	
		For Class 55 Rating, Add	*16,003.07*	
		For Class 56 Rating, Add	*21,192.51*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0544		EA	48" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	78,106.43	3,501.60
			For Class 52 Rating, Deduct	*-8,008.11*	
			For Class 54 Rating, Add	*10,983.81*	
			For Class 55 Rating, Add	*16,361.95*	
			For Class 56 Rating, Add	*21,667.29*	
40 05 19 00-0545		EA	48" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	80,185.57	3,505.69
			For Class 52 Rating, Deduct	*-8,236.13*	
			For Class 54 Rating, Add	*11,294.83*	
			For Class 55 Rating, Add	*16,824.36*	
			For Class 56 Rating, Add	*22,279.03*	
40 05 19 00-0546		EA	48" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	82,023.77	3,509.79
			For Class 52 Rating, Deduct	*-8,437.65*	
			For Class 54 Rating, Add	*11,569.70*	
			For Class 55 Rating, Add	*17,233.05*	
			For Class 56 Rating, Add	*22,819.69*	
40 05 19 00-0547		EA	48" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	83,879.56	3,513.88
			For Class 52 Rating, Deduct	*-8,641.11*	
			For Class 54 Rating, Add	*11,847.21*	
			For Class 55 Rating, Add	*17,645.65*	
			For Class 56 Rating, Add	*23,365.54*	
40 05 19 00-0548		EA	48" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	85,717.77	3,517.98
			For Class 52 Rating, Deduct	*-8,842.63*	
			For Class 54 Rating, Add	*12,122.09*	
			For Class 55 Rating, Add	*18,054.34*	
			For Class 56 Rating, Add	*23,906.20*	
40 05 19 00-0549		EA	48" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	87,555.99	3,522.07
			For Class 52 Rating, Deduct	*-9,044.15*	
			For Class 54 Rating, Add	*12,396.97*	
			For Class 55 Rating, Add	*18,463.03*	
			For Class 56 Rating, Add	*24,446.87*	
40 05 19 00-0550		EA	48" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	89,411.77	3,526.16
			For Class 52 Rating, Deduct	*-9,247.60*	
			For Class 54 Rating, Add	*12,674.48*	
			For Class 55 Rating, Add	*18,875.63*	
			For Class 56 Rating, Add	*24,992.72*	
40 05 19 00-0551		EA	48" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	91,249.98	3,530.26
			For Class 52 Rating, Deduct	*-9,449.12*	
			For Class 54 Rating, Add	*12,949.35*	
			For Class 55 Rating, Add	*19,284.32*	
			For Class 56 Rating, Add	*25,533.38*	
40 05 19 00-0552		EA	48" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	93,090.70	3,534.35
			For Class 52 Rating, Deduct	*-9,650.92*	
			For Class 54 Rating, Add	*13,224.60*	
			For Class 55 Rating, Add	*19,693.57*	
			For Class 56 Rating, Add	*26,074.79*	
40 05 19 00-0553		EA	48" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	94,943.96	3,538.45
			For Class 52 Rating, Deduct	*-9,854.09*	
			For Class 54 Rating, Add	*13,501.74*	
			For Class 55 Rating, Add	*20,105.61*	
			For Class 56 Rating, Add	*26,619.90*	

40 05 19 00-0554 Flanged End x Grooved End (FxG), Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0001)*

40 05 19 00-0555 4" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

40 05 19 00-0556		EA	4" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	710.58	187.41
			For Class 52 Rating, Deduct	*-46.93*	
			For Class 54 Rating, Add	*67.40*	
			For Class 55 Rating, Add	*101.95*	
			For Class 56 Rating, Add	*136.08*	
40 05 19 00-0557		EA	4" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	780.79	190.68
			For Class 52 Rating, Deduct	*-54.11*	
			For Class 54 Rating, Add	*77.25*	
			For Class 55 Rating, Add	*116.62*	
			For Class 56 Rating, Add	*155.51*	
40 05 19 00-0558		EA	4" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	851.01	193.96
			For Class 52 Rating, Deduct	*-61.28*	
			For Class 54 Rating, Add	*87.10*	
			For Class 55 Rating, Add	*131.29*	
			For Class 56 Rating, Add	*174.93*	
40 05 19 00-0559		EA	4" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	921.22	197.24
			For Class 52 Rating, Deduct	*-68.46*	
			For Class 54 Rating, Add	*96.94*	
			For Class 55 Rating, Add	*145.96*	
			For Class 56 Rating, Add	*194.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0560	EA	4" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	991.44	200.52
		For Class 52 Rating, Deduct	*-75.64*	
		For Class 54 Rating, Add	*106.79*	
		For Class 55 Rating, Add	*160.63*	
		For Class 56 Rating, Add	*213.79*	
40 05 19 00-0561	EA	4" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,061.65	203.79
		For Class 52 Rating, Deduct	*-82.82*	
		For Class 54 Rating, Add	*116.64*	
		For Class 55 Rating, Add	*175.30*	
		For Class 56 Rating, Add	*233.22*	
40 05 19 00-0562	EA	4" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,131.86	207.07
		For Class 52 Rating, Deduct	*-89.99*	
		For Class 54 Rating, Add	*126.48*	
		For Class 55 Rating, Add	*189.97*	
		For Class 56 Rating, Add	*252.64*	
40 05 19 00-0563	EA	4" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,202.08	210.34
		For Class 52 Rating, Deduct	*-97.17*	
		For Class 54 Rating, Add	*136.33*	
		For Class 55 Rating, Add	*204.64*	
		For Class 56 Rating, Add	*272.07*	
40 05 19 00-0564	EA	4" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,272.29	213.62
		For Class 52 Rating, Deduct	*-104.35*	
		For Class 54 Rating, Add	*146.18*	
		For Class 55 Rating, Add	*219.31*	
		For Class 56 Rating, Add	*291.50*	
40 05 19 00-0565	EA	4" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,342.51	216.89
		For Class 52 Rating, Deduct	*-111.53*	
		For Class 54 Rating, Add	*156.03*	
		For Class 55 Rating, Add	*233.98*	
		For Class 56 Rating, Add	*310.93*	
40 05 19 00-0566	EA	4" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,412.72	220.17
		For Class 52 Rating, Deduct	*-118.70*	
		For Class 54 Rating, Add	*165.87*	
		For Class 55 Rating, Add	*248.65*	
		For Class 56 Rating, Add	*330.35*	
40 05 19 00-0567	EA	4" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,482.93	223.45
		For Class 52 Rating, Deduct	*-125.88*	
		For Class 54 Rating, Add	*175.72*	
		For Class 55 Rating, Add	*263.32*	
		For Class 56 Rating, Add	*349.78*	
40 05 19 00-0568	EA	4" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,553.15	226.73
		For Class 52 Rating, Deduct	*-133.06*	
		For Class 54 Rating, Add	*185.57*	
		For Class 55 Rating, Add	*277.99*	
		For Class 56 Rating, Add	*369.21*	
40 05 19 00-0569	EA	4" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,623.37	230.01
		For Class 52 Rating, Deduct	*-140.24*	
		For Class 54 Rating, Add	*195.41*	
		For Class 55 Rating, Add	*292.66*	
		For Class 56 Rating, Add	*388.64*	
40 05 19 00-0570	EA	4" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,693.58	233.27
		For Class 52 Rating, Deduct	*-147.41*	
		For Class 54 Rating, Add	*205.26*	
		For Class 55 Rating, Add	*307.33*	
		For Class 56 Rating, Add	*408.06*	
40 05 19 00-0571	EA	4" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,763.79	236.55
		For Class 52 Rating, Deduct	*-154.59*	
		For Class 54 Rating, Add	*215.11*	
		For Class 55 Rating, Add	*322.00*	
		For Class 56 Rating, Add	*427.49*	
40 05 19 00-0572	EA	4" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,834.01	239.83
		For Class 52 Rating, Deduct	*-161.77*	
		For Class 54 Rating, Add	*224.96*	
		For Class 55 Rating, Add	*336.67*	
		For Class 56 Rating, Add	*446.92*	
40 05 19 00-0573	EA	4" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,904.22	243.11
		For Class 52 Rating, Deduct	*-168.95*	
		For Class 54 Rating, Add	*234.80*	
		For Class 55 Rating, Add	*351.34*	
		For Class 56 Rating, Add	*466.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0574	EA	4" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,974.43	246.39
		For Class 52 Rating, Deduct	*-176.12*	
		For Class 54 Rating, Add	*244.65*	
		For Class 55 Rating, Add	*366.01*	
		For Class 56 Rating, Add	*485.77*	
40 05 19 00-0575	EA	4" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,044.63	249.66
		For Class 52 Rating, Deduct	*-183.30*	
		For Class 54 Rating, Add	*254.49*	
		For Class 55 Rating, Add	*380.68*	
		For Class 56 Rating, Add	*505.20*	
40 05 19 00-0576	EA	4" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,114.85	252.94
		For Class 52 Rating, Deduct	*-190.48*	
		For Class 54 Rating, Add	*264.34*	
		For Class 55 Rating, Add	*395.35*	
		For Class 56 Rating, Add	*524.62*	
40 05 19 00-0577	EA	4" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,185.07	256.21
		For Class 52 Rating, Deduct	*-197.66*	
		For Class 54 Rating, Add	*274.19*	
		For Class 55 Rating, Add	*410.02*	
		For Class 56 Rating, Add	*544.05*	
40 05 19 00-0578	EA	4" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,255.28	259.49
		For Class 52 Rating, Deduct	*-204.83*	
		For Class 54 Rating, Add	*284.04*	
		For Class 55 Rating, Add	*424.69*	
		For Class 56 Rating, Add	*563.48*	
40 05 19 00-0579	EA	4" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,325.50	262.76
		For Class 52 Rating, Deduct	*-212.01*	
		For Class 54 Rating, Add	*293.88*	
		For Class 55 Rating, Add	*439.36*	
		For Class 56 Rating, Add	*582.91*	
40 05 19 00-0580	EA	4" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,395.71	266.04
		For Class 52 Rating, Deduct	*-219.19*	
		For Class 54 Rating, Add	*303.73*	
		For Class 55 Rating, Add	*454.03*	
		For Class 56 Rating, Add	*602.33*	
40 05 19 00-0581	EA	4" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,465.92	269.32
		For Class 52 Rating, Deduct	*-226.37*	
		For Class 54 Rating, Add	*313.58*	
		For Class 55 Rating, Add	*468.70*	
		For Class 56 Rating, Add	*621.76*	
40 05 19 00-0582	EA	4" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,536.14	272.60
		For Class 52 Rating, Deduct	*-233.54*	
		For Class 54 Rating, Add	*323.42*	
		For Class 55 Rating, Add	*483.37*	
		For Class 56 Rating, Add	*641.19*	
40 05 19 00-0583	EA	4" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,606.35	275.87
		For Class 52 Rating, Deduct	*-240.72*	
		For Class 54 Rating, Add	*333.27*	
		For Class 55 Rating, Add	*498.04*	
		For Class 56 Rating, Add	*660.62*	
40 05 19 00-0584	EA	4" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,676.57	279.14
		For Class 52 Rating, Deduct	*-247.90*	
		For Class 54 Rating, Add	*343.12*	
		For Class 55 Rating, Add	*512.71*	
		For Class 56 Rating, Add	*680.04*	
40 05 19 00-0585	EA	4" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,746.78	282.42
		For Class 52 Rating, Deduct	*-255.08*	
		For Class 54 Rating, Add	*352.97*	
		For Class 55 Rating, Add	*527.38*	
		For Class 56 Rating, Add	*699.47*	
40 05 19 00-0586	EA	4" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,816.99	285.70
		For Class 52 Rating, Deduct	*-262.25*	
		For Class 54 Rating, Add	*362.81*	
		For Class 55 Rating, Add	*542.05*	
		For Class 56 Rating, Add	*718.90*	
40 05 19 00-0587	EA	4" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,887.21	288.98
		For Class 52 Rating, Deduct	*-269.43*	
		For Class 54 Rating, Add	*372.66*	
		For Class 55 Rating, Add	*556.72*	
		For Class 56 Rating, Add	*738.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0588	EA	4" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,957.43	292.25
		For Class 52 Rating, Deduct	*-276.61*	
		For Class 54 Rating, Add	*382.51*	
		For Class 55 Rating, Add	*571.39*	
		For Class 56 Rating, Add	*757.75*	
40 05 19 00-0589	EA	4" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,027.63	295.53
		For Class 52 Rating, Deduct	*-283.79*	
		For Class 54 Rating, Add	*392.35*	
		For Class 55 Rating, Add	*586.06*	
		For Class 56 Rating, Add	*777.18*	
40 05 19 00-0590	EA	4" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,097.85	298.81
		For Class 52 Rating, Deduct	*-290.96*	
		For Class 54 Rating, Add	*402.20*	
		For Class 55 Rating, Add	*600.73*	
		For Class 56 Rating, Add	*796.61*	
40 05 19 00-0591	EA	4" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,168.07	302.08
		For Class 52 Rating, Deduct	*-298.14*	
		For Class 54 Rating, Add	*412.05*	
		For Class 55 Rating, Add	*615.40*	
		For Class 56 Rating, Add	*816.04*	
40 05 19 00-0592	EA	4" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,238.28	305.36
		For Class 52 Rating, Deduct	*-305.32*	
		For Class 54 Rating, Add	*421.89*	
		For Class 55 Rating, Add	*630.07*	
		For Class 56 Rating, Add	*835.46*	
40 05 19 00-0593	EA	4" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,308.50	308.63
		For Class 52 Rating, Deduct	*-312.50*	
		For Class 54 Rating, Add	*431.74*	
		For Class 55 Rating, Add	*644.74*	
		For Class 56 Rating, Add	*854.89*	
40 05 19 00-0594	EA	4" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,378.70	311.91
		For Class 52 Rating, Deduct	*-319.67*	
		For Class 54 Rating, Add	*441.59*	
		For Class 55 Rating, Add	*659.41*	
		For Class 56 Rating, Add	*874.32*	
40 05 19 00-0595		6" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*		
40 05 19 00-0596	EA	6" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	886.95	235.90
		For Class 52 Rating, Deduct	*-58.25*	
		For Class 54 Rating, Add	*83.72*	
		For Class 55 Rating, Add	*126.66*	
		For Class 56 Rating, Add	*169.08*	
40 05 19 00-0597	EA	6" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	972.21	239.18
		For Class 52 Rating, Deduct	*-67.08*	
		For Class 54 Rating, Add	*95.82*	
		For Class 55 Rating, Add	*144.69*	
		For Class 56 Rating, Add	*192.95*	
40 05 19 00-0598	EA	6" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,057.49	242.45
		For Class 52 Rating, Deduct	*-75.92*	
		For Class 54 Rating, Add	*107.93*	
		For Class 55 Rating, Add	*162.72*	
		For Class 56 Rating, Add	*216.82*	
40 05 19 00-0599	EA	6" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,142.76	245.72
		For Class 52 Rating, Deduct	*-84.75*	
		For Class 54 Rating, Add	*120.04*	
		For Class 55 Rating, Add	*180.75*	
		For Class 56 Rating, Add	*240.69*	
40 05 19 00-0600	EA	6" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,228.03	249.00
		For Class 52 Rating, Deduct	*-93.58*	
		For Class 54 Rating, Add	*132.14*	
		For Class 55 Rating, Add	*198.77*	
		For Class 56 Rating, Add	*264.55*	
40 05 19 00-0601	EA	6" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,313.30	252.28
		For Class 52 Rating, Deduct	*-102.42*	
		For Class 54 Rating, Add	*144.25*	
		For Class 55 Rating, Add	*216.80*	
		For Class 56 Rating, Add	*288.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0602	EA	6" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,398.57	255.56
		For Class 52 Rating, Deduct	*-111.25*	
		For Class 54 Rating, Add	*156.35*	
		For Class 55 Rating, Add	*234.83*	
		For Class 56 Rating, Add	*312.29*	
40 05 19 00-0603	EA	6" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,483.85	258.83
		For Class 52 Rating, Deduct	*-120.08*	
		For Class 54 Rating, Add	*168.46*	
		For Class 55 Rating, Add	*252.86*	
		For Class 56 Rating, Add	*336.16*	
40 05 19 00-0604	EA	6" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,569.12	262.11
		For Class 52 Rating, Deduct	*-128.92*	
		For Class 54 Rating, Add	*180.56*	
		For Class 55 Rating, Add	*270.88*	
		For Class 56 Rating, Add	*360.03*	
40 05 19 00-0605	EA	6" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,654.38	265.38
		For Class 52 Rating, Deduct	*-137.75*	
		For Class 54 Rating, Add	*192.67*	
		For Class 55 Rating, Add	*288.91*	
		For Class 56 Rating, Add	*383.90*	
40 05 19 00-0606	EA	6" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,739.66	268.66
		For Class 52 Rating, Deduct	*-146.59*	
		For Class 54 Rating, Add	*204.77*	
		For Class 55 Rating, Add	*306.94*	
		For Class 56 Rating, Add	*407.77*	
40 05 19 00-0607	EA	6" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,824.93	271.94
		For Class 52 Rating, Deduct	*-155.42*	
		For Class 54 Rating, Add	*216.88*	
		For Class 55 Rating, Add	*324.97*	
		For Class 56 Rating, Add	*431.64*	
40 05 19 00-0608	EA	6" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,910.20	275.21
		For Class 52 Rating, Deduct	*-164.25*	
		For Class 54 Rating, Add	*228.99*	
		For Class 55 Rating, Add	*342.99*	
		For Class 56 Rating, Add	*455.51*	
40 05 19 00-0609	EA	6" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,995.48	278.49
		For Class 52 Rating, Deduct	*-173.09*	
		For Class 54 Rating, Add	*241.09*	
		For Class 55 Rating, Add	*361.02*	
		For Class 56 Rating, Add	*479.38*	
40 05 19 00-0610	EA	6" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,080.74	281.77
		For Class 52 Rating, Deduct	*-181.92*	
		For Class 54 Rating, Add	*253.20*	
		For Class 55 Rating, Add	*379.05*	
		For Class 56 Rating, Add	*503.25*	
40 05 19 00-0611	EA	6" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,166.01	285.05
		For Class 52 Rating, Deduct	*-190.75*	
		For Class 54 Rating, Add	*265.30*	
		For Class 55 Rating, Add	*397.08*	
		For Class 56 Rating, Add	*527.12*	
40 05 19 00-0612	EA	6" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,251.29	288.31
		For Class 52 Rating, Deduct	*-199.59*	
		For Class 54 Rating, Add	*277.41*	
		For Class 55 Rating, Add	*415.10*	
		For Class 56 Rating, Add	*550.99*	
40 05 19 00-0613	EA	6" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,336.56	291.59
		For Class 52 Rating, Deduct	*-208.42*	
		For Class 54 Rating, Add	*289.51*	
		For Class 55 Rating, Add	*433.13*	
		For Class 56 Rating, Add	*574.86*	
40 05 19 00-0614	EA	6" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,421.83	294.87
		For Class 52 Rating, Deduct	*-217.26*	
		For Class 54 Rating, Add	*301.62*	
		For Class 55 Rating, Add	*451.16*	
		For Class 56 Rating, Add	*598.73*	
40 05 19 00-0615	EA	6" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,507.10	298.15
		For Class 52 Rating, Deduct	*-226.09*	
		For Class 54 Rating, Add	*313.72*	
		For Class 55 Rating, Add	*469.19*	
		For Class 56 Rating, Add	*622.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0616	EA	6" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,592.37	301.43
		For Class 52 Rating, Deduct	*-234.92*	
		For Class 54 Rating, Add	*325.83*	
		For Class 55 Rating, Add	*487.22*	
		For Class 56 Rating, Add	*646.46*	
40 05 19 00-0617	EA	6" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,677.65	304.70
		For Class 52 Rating, Deduct	*-243.76*	
		For Class 54 Rating, Add	*337.94*	
		For Class 55 Rating, Add	*505.24*	
		For Class 56 Rating, Add	*670.33*	
40 05 19 00-0618	EA	6" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,762.91	307.98
		For Class 52 Rating, Deduct	*-252.59*	
		For Class 54 Rating, Add	*350.04*	
		For Class 55 Rating, Add	*523.27*	
		For Class 56 Rating, Add	*694.20*	
40 05 19 00-0619	EA	6" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,848.18	311.25
		For Class 52 Rating, Deduct	*-261.42*	
		For Class 54 Rating, Add	*362.15*	
		For Class 55 Rating, Add	*541.30*	
		For Class 56 Rating, Add	*718.07*	
40 05 19 00-0620	EA	6" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,933.46	314.53
		For Class 52 Rating, Deduct	*-270.26*	
		For Class 54 Rating, Add	*374.25*	
		For Class 55 Rating, Add	*559.33*	
		For Class 56 Rating, Add	*741.94*	
40 05 19 00-0621	EA	6" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,018.73	317.80
		For Class 52 Rating, Deduct	*-279.09*	
		For Class 54 Rating, Add	*386.36*	
		For Class 55 Rating, Add	*577.35*	
		For Class 56 Rating, Add	*765.81*	
40 05 19 00-0622	EA	6" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,104.00	321.08
		For Class 52 Rating, Deduct	*-287.93*	
		For Class 54 Rating, Add	*398.46*	
		For Class 55 Rating, Add	*595.38*	
		For Class 56 Rating, Add	*789.68*	
40 05 19 00-0623	EA	6" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,189.27	324.36
		For Class 52 Rating, Deduct	*-296.76*	
		For Class 54 Rating, Add	*410.57*	
		For Class 55 Rating, Add	*613.41*	
		For Class 56 Rating, Add	*813.55*	
40 05 19 00-0624	EA	6" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,274.54	327.64
		For Class 52 Rating, Deduct	*-305.59*	
		For Class 54 Rating, Add	*422.68*	
		For Class 55 Rating, Add	*631.44*	
		For Class 56 Rating, Add	*837.42*	
40 05 19 00-0625	EA	6" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,359.81	330.92
		For Class 52 Rating, Deduct	*-314.43*	
		For Class 54 Rating, Add	*434.78*	
		For Class 55 Rating, Add	*649.46*	
		For Class 56 Rating, Add	*861.29*	
40 05 19 00-0626	EA	6" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,445.09	334.18
		For Class 52 Rating, Deduct	*-323.26*	
		For Class 54 Rating, Add	*446.89*	
		For Class 55 Rating, Add	*667.49*	
		For Class 56 Rating, Add	*885.16*	
40 05 19 00-0627	EA	6" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,530.36	337.46
		For Class 52 Rating, Deduct	*-332.10*	
		For Class 54 Rating, Add	*458.99*	
		For Class 55 Rating, Add	*685.52*	
		For Class 56 Rating, Add	*909.03*	
40 05 19 00-0628	EA	6" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,615.63	340.74
		For Class 52 Rating, Deduct	*-340.93*	
		For Class 54 Rating, Add	*471.10*	
		For Class 55 Rating, Add	*703.55*	
		For Class 56 Rating, Add	*932.90*	
40 05 19 00-0629	EA	6" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,700.89	344.02
		For Class 52 Rating, Deduct	*-349.76*	
		For Class 54 Rating, Add	*483.20*	
		For Class 55 Rating, Add	*721.57*	
		For Class 56 Rating, Add	*956.76*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0630	EA	6" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,786.17	347.29
		For Class 52 Rating, Deduct	*-358.60*	
		For Class 54 Rating, Add	*495.31*	
		For Class 55 Rating, Add	*739.60*	
		For Class 56 Rating, Add	*980.63*	
40 05 19 00-0631	EA	6" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,871.45	350.57
		For Class 52 Rating, Deduct	*-367.43*	
		For Class 54 Rating, Add	*507.42*	
		For Class 55 Rating, Add	*757.63*	
		For Class 56 Rating, Add	*1,004.50*	
40 05 19 00-0632	EA	6" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,956.71	353.85
		For Class 52 Rating, Deduct	*-376.26*	
		For Class 54 Rating, Add	*519.52*	
		For Class 55 Rating, Add	*775.66*	
		For Class 56 Rating, Add	*1,028.37*	
40 05 19 00-0633	EA	6" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,041.98	357.12
		For Class 52 Rating, Deduct	*-385.10*	
		For Class 54 Rating, Add	*531.63*	
		For Class 55 Rating, Add	*793.68*	
		For Class 56 Rating, Add	*1,052.24*	
40 05 19 00-0634	EA	6" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,127.26	360.40
		For Class 52 Rating, Deduct	*-393.93*	
		For Class 54 Rating, Add	*543.73*	
		For Class 55 Rating, Add	*811.71*	
		For Class 56 Rating, Add	*1,076.11*	

40 05 19 00-0635 8" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

40 05 19 00-0636	EA	8" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,229.66	301.43
		For Class 52 Rating, Deduct	*-85.03*	
		For Class 54 Rating, Add	*121.42*	
		For Class 55 Rating, Add	*183.33*	
		For Class 56 Rating, Add	*244.46*	
40 05 19 00-0637	EA	8" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,345.05	304.70
		For Class 52 Rating, Deduct	*-97.17*	
		For Class 54 Rating, Add	*138.05*	
		For Class 55 Rating, Add	*208.07*	
		For Class 56 Rating, Add	*277.22*	
40 05 19 00-0638	EA	8" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,460.43	307.98
		For Class 52 Rating, Deduct	*-109.32*	
		For Class 54 Rating, Add	*154.67*	
		For Class 55 Rating, Add	*232.82*	
		For Class 56 Rating, Add	*309.97*	
40 05 19 00-0639	EA	8" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,575.81	311.25
		For Class 52 Rating, Deduct	*-121.46*	
		For Class 54 Rating, Add	*171.29*	
		For Class 55 Rating, Add	*257.56*	
		For Class 56 Rating, Add	*342.72*	
40 05 19 00-0640	EA	8" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,691.21	314.53
		For Class 52 Rating, Deduct	*-133.61*	
		For Class 54 Rating, Add	*187.92*	
		For Class 55 Rating, Add	*282.30*	
		For Class 56 Rating, Add	*375.48*	
40 05 19 00-0641	EA	8" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,806.59	317.80
		For Class 52 Rating, Deduct	*-145.76*	
		For Class 54 Rating, Add	*204.54*	
		For Class 55 Rating, Add	*307.05*	
		For Class 56 Rating, Add	*408.23*	
40 05 19 00-0642	EA	8" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,921.98	321.08
		For Class 52 Rating, Deduct	*-157.90*	
		For Class 54 Rating, Add	*221.16*	
		For Class 55 Rating, Add	*331.79*	
		For Class 56 Rating, Add	*440.98*	
40 05 19 00-0643	EA	8" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,037.36	324.36
		For Class 52 Rating, Deduct	*-170.05*	
		For Class 54 Rating, Add	*237.78*	
		For Class 55 Rating, Add	*356.53*	
		For Class 56 Rating, Add	*473.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0644	EA	8" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,152.75	327.64
		For Class 52 Rating, Deduct	*-182.20*	
		For Class 54 Rating, Add	*254.41*	
		For Class 55 Rating, Add	*381.28*	
		For Class 56 Rating, Add	*506.49*	
40 05 19 00-0645	EA	8" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,268.14	330.92
		For Class 52 Rating, Deduct	*-194.34*	
		For Class 54 Rating, Add	*271.03*	
		For Class 55 Rating, Add	*406.02*	
		For Class 56 Rating, Add	*539.24*	
40 05 19 00-0646	EA	8" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,383.53	334.18
		For Class 52 Rating, Deduct	*-206.49*	
		For Class 54 Rating, Add	*287.65*	
		For Class 55 Rating, Add	*430.76*	
		For Class 56 Rating, Add	*572.00*	
40 05 19 00-0647	EA	8" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,498.91	337.46
		For Class 52 Rating, Deduct	*-218.64*	
		For Class 54 Rating, Add	*304.28*	
		For Class 55 Rating, Add	*455.51*	
		For Class 56 Rating, Add	*604.75*	
40 05 19 00-0648	EA	8" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,614.30	340.74
		For Class 52 Rating, Deduct	*-230.78*	
		For Class 54 Rating, Add	*320.90*	
		For Class 55 Rating, Add	*480.25*	
		For Class 56 Rating, Add	*637.50*	
40 05 19 00-0649	EA	8" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,729.68	344.02
		For Class 52 Rating, Deduct	*-242.93*	
		For Class 54 Rating, Add	*337.52*	
		For Class 55 Rating, Add	*504.99*	
		For Class 56 Rating, Add	*670.26*	
40 05 19 00-0650	EA	8" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,845.07	347.29
		For Class 52 Rating, Deduct	*-255.08*	
		For Class 54 Rating, Add	*354.14*	
		For Class 55 Rating, Add	*529.74*	
		For Class 56 Rating, Add	*703.01*	
40 05 19 00-0651	EA	8" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,960.46	350.57
		For Class 52 Rating, Deduct	*-267.22*	
		For Class 54 Rating, Add	*370.77*	
		For Class 55 Rating, Add	*554.48*	
		For Class 56 Rating, Add	*735.76*	
40 05 19 00-0652	EA	8" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,075.85	353.85
		For Class 52 Rating, Deduct	*-279.37*	
		For Class 54 Rating, Add	*387.39*	
		For Class 55 Rating, Add	*579.22*	
		For Class 56 Rating, Add	*768.52*	
40 05 19 00-0653	EA	8" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,191.23	357.12
		For Class 52 Rating, Deduct	*-291.52*	
		For Class 54 Rating, Add	*404.01*	
		For Class 55 Rating, Add	*603.97*	
		For Class 56 Rating, Add	*801.27*	
40 05 19 00-0654	EA	8" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,306.62	360.40
		For Class 52 Rating, Deduct	*-303.66*	
		For Class 54 Rating, Add	*420.64*	
		For Class 55 Rating, Add	*628.71*	
		For Class 56 Rating, Add	*834.02*	
40 05 19 00-0655	EA	8" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,422.00	363.67
		For Class 52 Rating, Deduct	*-315.81*	
		For Class 54 Rating, Add	*437.26*	
		For Class 55 Rating, Add	*653.45*	
		For Class 56 Rating, Add	*866.78*	
40 05 19 00-0656	EA	8" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,537.39	366.95
		For Class 52 Rating, Deduct	*-327.95*	
		For Class 54 Rating, Add	*453.88*	
		For Class 55 Rating, Add	*678.20*	
		For Class 56 Rating, Add	*899.53*	
40 05 19 00-0657	EA	8" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,652.78	370.23
		For Class 52 Rating, Deduct	*-340.10*	
		For Class 54 Rating, Add	*470.51*	
		For Class 55 Rating, Add	*702.94*	
		For Class 56 Rating, Add	*932.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0658	EA	8" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,768.16	373.51
		For Class 52 Rating, Deduct	*-352.25*	
		For Class 54 Rating, Add	*487.13*	
		For Class 55 Rating, Add	*727.68*	
		For Class 56 Rating, Add	*965.04*	
40 05 19 00-0659	EA	8" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,883.55	376.78
		For Class 52 Rating, Deduct	*-364.39*	
		For Class 54 Rating, Add	*503.75*	
		For Class 55 Rating, Add	*752.43*	
		For Class 56 Rating, Add	*997.79*	
40 05 19 00-0660	EA	8" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,998.93	380.05
		For Class 52 Rating, Deduct	*-376.54*	
		For Class 54 Rating, Add	*520.37*	
		For Class 55 Rating, Add	*777.17*	
		For Class 56 Rating, Add	*1,030.54*	
40 05 19 00-0661	EA	8" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,114.33	383.33
		For Class 52 Rating, Deduct	*-388.69*	
		For Class 54 Rating, Add	*537.00*	
		For Class 55 Rating, Add	*801.91*	
		For Class 56 Rating, Add	*1,063.30*	
40 05 19 00-0662	EA	8" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,229.71	386.61
		For Class 52 Rating, Deduct	*-400.83*	
		For Class 54 Rating, Add	*553.62*	
		For Class 55 Rating, Add	*826.66*	
		For Class 56 Rating, Add	*1,096.05*	
40 05 19 00-0663	EA	8" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,345.09	389.89
		For Class 52 Rating, Deduct	*-412.98*	
		For Class 54 Rating, Add	*570.24*	
		For Class 55 Rating, Add	*851.40*	
		For Class 56 Rating, Add	*1,128.80*	
40 05 19 00-0664	EA	8" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,460.48	393.16
		For Class 52 Rating, Deduct	*-425.13*	
		For Class 54 Rating, Add	*586.87*	
		For Class 55 Rating, Add	*876.14*	
		For Class 56 Rating, Add	*1,161.56*	
40 05 19 00-0665	EA	8" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,575.88	396.44
		For Class 52 Rating, Deduct	*-437.27*	
		For Class 54 Rating, Add	*603.49*	
		For Class 55 Rating, Add	*900.89*	
		For Class 56 Rating, Add	*1,194.31*	
40 05 19 00-0666	EA	8" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,691.26	399.72
		For Class 52 Rating, Deduct	*-449.42*	
		For Class 54 Rating, Add	*620.11*	
		For Class 55 Rating, Add	*925.63*	
		For Class 56 Rating, Add	*1,227.06*	
40 05 19 00-0667	EA	8" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,806.64	402.99
		For Class 52 Rating, Deduct	*-461.57*	
		For Class 54 Rating, Add	*636.73*	
		For Class 55 Rating, Add	*950.37*	
		For Class 56 Rating, Add	*1,259.82*	
40 05 19 00-0668	EA	8" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,922.02	406.26
		For Class 52 Rating, Deduct	*-473.71*	
		For Class 54 Rating, Add	*653.36*	
		For Class 55 Rating, Add	*975.12*	
		For Class 56 Rating, Add	*1,292.57*	
40 05 19 00-0669	EA	8" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,037.42	409.54
		For Class 52 Rating, Deduct	*-485.86*	
		For Class 54 Rating, Add	*669.98*	
		For Class 55 Rating, Add	*999.86*	
		For Class 56 Rating, Add	*1,325.32*	
40 05 19 00-0670	EA	8" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,152.81	412.82
		For Class 52 Rating, Deduct	*-498.01*	
		For Class 54 Rating, Add	*686.60*	
		For Class 55 Rating, Add	*1,024.60*	
		For Class 56 Rating, Add	*1,358.08*	
40 05 19 00-0671	EA	8" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,268.18	416.10
		For Class 52 Rating, Deduct	*-510.15*	
		For Class 54 Rating, Add	*703.23*	
		For Class 55 Rating, Add	*1,049.35*	
		For Class 56 Rating, Add	*1,390.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0672	EA	8" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,383.57	419.38
		For Class 52 Rating, Deduct	*-522.30*	
		For Class 54 Rating, Add	*719.85*	
		For Class 55 Rating, Add	*1,074.09*	
		For Class 56 Rating, Add	*1,423.58*	
40 05 19 00-0673	EA	8" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,498.97	422.65
		For Class 52 Rating, Deduct	*-534.44*	
		For Class 54 Rating, Add	*736.47*	
		For Class 55 Rating, Add	*1,098.83*	
		For Class 56 Rating, Add	*1,456.34*	
40 05 19 00-0674	EA	8" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,614.35	425.92
		For Class 52 Rating, Deduct	*-546.59*	
		For Class 54 Rating, Add	*753.10*	
		For Class 55 Rating, Add	*1,123.58*	
		For Class 56 Rating, Add	*1,489.09*	

40 05 19 00-0675 10" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

40 05 19 00-0676	EA	10" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,544.77	366.95
		For Class 52 Rating, Deduct	*-108.77*	
		For Class 54 Rating, Add	*154.99*	
		For Class 55 Rating, Add	*233.84*	
		For Class 56 Rating, Add	*311.71*	
40 05 19 00-0677	EA	10" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,695.29	370.23
		For Class 52 Rating, Deduct	*-124.78*	
		For Class 54 Rating, Add	*176.88*	
		For Class 55 Rating, Add	*266.42*	
		For Class 56 Rating, Add	*354.82*	
40 05 19 00-0678	EA	10" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,845.81	373.51
		For Class 52 Rating, Deduct	*-140.79*	
		For Class 54 Rating, Add	*198.78*	
		For Class 55 Rating, Add	*299.00*	
		For Class 56 Rating, Add	*397.94*	
40 05 19 00-0679	EA	10" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,996.33	376.78
		For Class 52 Rating, Deduct	*-156.80*	
		For Class 54 Rating, Add	*220.67*	
		For Class 55 Rating, Add	*331.58*	
		For Class 56 Rating, Add	*441.06*	
40 05 19 00-0680	EA	10" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,146.85	380.05
		For Class 52 Rating, Deduct	*-172.81*	
		For Class 54 Rating, Add	*242.56*	
		For Class 55 Rating, Add	*364.16*	
		For Class 56 Rating, Add	*484.18*	
40 05 19 00-0681	EA	10" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,297.38	383.33
		For Class 52 Rating, Deduct	*-188.82*	
		For Class 54 Rating, Add	*264.46*	
		For Class 55 Rating, Add	*396.73*	
		For Class 56 Rating, Add	*527.30*	
40 05 19 00-0682	EA	10" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,447.89	386.61
		For Class 52 Rating, Deduct	*-204.83*	
		For Class 54 Rating, Add	*286.35*	
		For Class 55 Rating, Add	*429.31*	
		For Class 56 Rating, Add	*570.41*	
40 05 19 00-0683	EA	10" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,598.41	389.89
		For Class 52 Rating, Deduct	*-220.84*	
		For Class 54 Rating, Add	*308.24*	
		For Class 55 Rating, Add	*461.89*	
		For Class 56 Rating, Add	*613.53*	
40 05 19 00-0684	EA	10" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,748.94	393.16
		For Class 52 Rating, Deduct	*-236.86*	
		For Class 54 Rating, Add	*330.13*	
		For Class 55 Rating, Add	*494.47*	
		For Class 56 Rating, Add	*656.65*	
40 05 19 00-0685	EA	10" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,899.46	396.44
		For Class 52 Rating, Deduct	*-252.87*	
		For Class 54 Rating, Add	*352.03*	
		For Class 55 Rating, Add	*527.05*	
		For Class 56 Rating, Add	*699.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0686	EA	10" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,049.98	399.72
		For Class 52 Rating, Deduct	*-268.88*	
		For Class 54 Rating, Add	*373.92*	
		For Class 55 Rating, Add	*559.63*	
		For Class 56 Rating, Add	*742.89*	
40 05 19 00-0687	EA	10" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,200.50	402.99
		For Class 52 Rating, Deduct	*-284.89*	
		For Class 54 Rating, Add	*395.81*	
		For Class 55 Rating, Add	*592.20*	
		For Class 56 Rating, Add	*786.00*	
40 05 19 00-0688	EA	10" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,351.01	406.26
		For Class 52 Rating, Deduct	*-300.90*	
		For Class 54 Rating, Add	*417.71*	
		For Class 55 Rating, Add	*624.78*	
		For Class 56 Rating, Add	*829.12*	
40 05 19 00-0689	EA	10" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,501.54	409.54
		For Class 52 Rating, Deduct	*-316.91*	
		For Class 54 Rating, Add	*439.60*	
		For Class 55 Rating, Add	*657.36*	
		For Class 56 Rating, Add	*872.24*	
40 05 19 00-0690	EA	10" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,652.07	412.82
		For Class 52 Rating, Deduct	*-332.92*	
		For Class 54 Rating, Add	*461.49*	
		For Class 55 Rating, Add	*689.94*	
		For Class 56 Rating, Add	*915.36*	
40 05 19 00-0691	EA	10" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,802.57	416.10
		For Class 52 Rating, Deduct	*-348.93*	
		For Class 54 Rating, Add	*483.38*	
		For Class 55 Rating, Add	*722.52*	
		For Class 56 Rating, Add	*958.47*	
40 05 19 00-0692	EA	10" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,953.10	419.38
		For Class 52 Rating, Deduct	*-364.95*	
		For Class 54 Rating, Add	*505.28*	
		For Class 55 Rating, Add	*755.09*	
		For Class 56 Rating, Add	*1,001.59*	
40 05 19 00-0693	EA	10" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,103.63	422.65
		For Class 52 Rating, Deduct	*-380.96*	
		For Class 54 Rating, Add	*527.17*	
		For Class 55 Rating, Add	*787.67*	
		For Class 56 Rating, Add	*1,044.71*	
40 05 19 00-0694	EA	10" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,254.14	425.92
		For Class 52 Rating, Deduct	*-396.97*	
		For Class 54 Rating, Add	*549.06*	
		For Class 55 Rating, Add	*820.25*	
		For Class 56 Rating, Add	*1,087.83*	
40 05 19 00-0695	EA	10" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,404.67	429.20
		For Class 52 Rating, Deduct	*-412.98*	
		For Class 54 Rating, Add	*570.96*	
		For Class 55 Rating, Add	*852.83*	
		For Class 56 Rating, Add	*1,130.95*	
40 05 19 00-0696	EA	10" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,555.19	432.48
		For Class 52 Rating, Deduct	*-428.99*	
		For Class 54 Rating, Add	*592.85*	
		For Class 55 Rating, Add	*885.41*	
		For Class 56 Rating, Add	*1,174.07*	
40 05 19 00-0697	EA	10" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,705.71	435.75
		For Class 52 Rating, Deduct	*-445.00*	
		For Class 54 Rating, Add	*614.74*	
		For Class 55 Rating, Add	*917.99*	
		For Class 56 Rating, Add	*1,217.18*	
40 05 19 00-0698	EA	10" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,856.23	439.03
		For Class 52 Rating, Deduct	*-461.01*	
		For Class 54 Rating, Add	*636.64*	
		For Class 55 Rating, Add	*950.56*	
		For Class 56 Rating, Add	*1,260.30*	
40 05 19 00-0699	EA	10" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,006.75	442.31
		For Class 52 Rating, Deduct	*-477.02*	
		For Class 54 Rating, Add	*658.53*	
		For Class 55 Rating, Add	*983.14*	
		For Class 56 Rating, Add	*1,303.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0700	EA	10" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,157.27	445.59
		For Class 52 Rating, Deduct	*-493.04*	
		For Class 54 Rating, Add	*680.42*	
		For Class 55 Rating, Add	*1,015.72*	
		For Class 56 Rating, Add	*1,346.54*	
40 05 19 00-0701	EA	10" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,307.79	448.86
		For Class 52 Rating, Deduct	*-509.05*	
		For Class 54 Rating, Add	*702.32*	
		For Class 55 Rating, Add	*1,048.30*	
		For Class 56 Rating, Add	*1,389.65*	
40 05 19 00-0702	EA	10" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,458.31	452.13
		For Class 52 Rating, Deduct	*-525.06*	
		For Class 54 Rating, Add	*724.21*	
		For Class 55 Rating, Add	*1,080.88*	
		For Class 56 Rating, Add	*1,432.77*	
40 05 19 00-0703	EA	10" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,608.84	455.41
		For Class 52 Rating, Deduct	*-541.07*	
		For Class 54 Rating, Add	*746.10*	
		For Class 55 Rating, Add	*1,113.46*	
		For Class 56 Rating, Add	*1,475.89*	
40 05 19 00-0704	EA	10" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,759.36	458.69
		For Class 52 Rating, Deduct	*-557.08*	
		For Class 54 Rating, Add	*768.00*	
		For Class 55 Rating, Add	*1,146.03*	
		For Class 56 Rating, Add	*1,519.01*	
40 05 19 00-0705	EA	10" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,909.87	461.97
		For Class 52 Rating, Deduct	*-573.09*	
		For Class 54 Rating, Add	*789.89*	
		For Class 55 Rating, Add	*1,178.61*	
		For Class 56 Rating, Add	*1,562.13*	
40 05 19 00-0706	EA	10" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,060.40	465.24
		For Class 52 Rating, Deduct	*-589.10*	
		For Class 54 Rating, Add	*811.78*	
		For Class 55 Rating, Add	*1,211.19*	
		For Class 56 Rating, Add	*1,605.25*	
40 05 19 00-0707	EA	10" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,210.91	468.52
		For Class 52 Rating, Deduct	*-605.11*	
		For Class 54 Rating, Add	*833.67*	
		For Class 55 Rating, Add	*1,243.77*	
		For Class 56 Rating, Add	*1,648.36*	
40 05 19 00-0708	EA	10" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,361.44	471.79
		For Class 52 Rating, Deduct	*-621.13*	
		For Class 54 Rating, Add	*855.57*	
		For Class 55 Rating, Add	*1,276.35*	
		For Class 56 Rating, Add	*1,691.48*	
40 05 19 00-0709	EA	10" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,511.97	475.07
		For Class 52 Rating, Deduct	*-637.14*	
		For Class 54 Rating, Add	*877.46*	
		For Class 55 Rating, Add	*1,308.93*	
		For Class 56 Rating, Add	*1,734.60*	
40 05 19 00-0710	EA	10" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,662.47	478.35
		For Class 52 Rating, Deduct	*-653.15*	
		For Class 54 Rating, Add	*899.35*	
		For Class 55 Rating, Add	*1,341.50*	
		For Class 56 Rating, Add	*1,777.72*	
40 05 19 00-0711	EA	10" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,813.00	481.62
		For Class 52 Rating, Deduct	*-669.16*	
		For Class 54 Rating, Add	*921.25*	
		For Class 55 Rating, Add	*1,374.08*	
		For Class 56 Rating, Add	*1,820.83*	
40 05 19 00-0712	EA	10" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,963.53	484.90
		For Class 52 Rating, Deduct	*-685.17*	
		For Class 54 Rating, Add	*943.14*	
		For Class 55 Rating, Add	*1,406.66*	
		For Class 56 Rating, Add	*1,863.95*	
40 05 19 00-0713	EA	10" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,114.04	488.18
		For Class 52 Rating, Deduct	*-701.18*	
		For Class 54 Rating, Add	*965.03*	
		For Class 55 Rating, Add	*1,439.24*	
		For Class 56 Rating, Add	*1,907.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0714	EA	10" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,264.56	491.45
		For Class 52 Rating, Deduct	*-717.19*	
		For Class 54 Rating, Add	*986.93*	
		For Class 55 Rating, Add	*1,471.82*	
		For Class 56 Rating, Add	*1,950.19*	

40 05 19 00-0715 12" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

40 05 19 00-0716	EA	12" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,005.00	458.69
		For Class 52 Rating, Deduct	*-144.10*	
		For Class 54 Rating, Add	*204.84*	
		For Class 55 Rating, Add	*308.81*	
		For Class 56 Rating, Add	*411.47*	
40 05 19 00-0717	EA	12" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,193.15	461.97
		For Class 52 Rating, Deduct	*-164.25*	
		For Class 54 Rating, Add	*232.38*	
		For Class 55 Rating, Add	*349.78*	
		For Class 56 Rating, Add	*465.69*	
40 05 19 00-0718	EA	12" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,381.32	465.24
		For Class 52 Rating, Deduct	*-184.41*	
		For Class 54 Rating, Add	*259.92*	
		For Class 55 Rating, Add	*390.76*	
		For Class 56 Rating, Add	*519.92*	
40 05 19 00-0719	EA	12" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,569.48	468.52
		For Class 52 Rating, Deduct	*-204.56*	
		For Class 54 Rating, Add	*287.46*	
		For Class 55 Rating, Add	*431.73*	
		For Class 56 Rating, Add	*574.14*	
40 05 19 00-0720	EA	12" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,757.65	471.79
		For Class 52 Rating, Deduct	*-224.71*	
		For Class 54 Rating, Add	*315.00*	
		For Class 55 Rating, Add	*472.70*	
		For Class 56 Rating, Add	*628.36*	
40 05 19 00-0721	EA	12" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,945.83	475.07
		For Class 52 Rating, Deduct	*-244.86*	
		For Class 54 Rating, Add	*342.54*	
		For Class 55 Rating, Add	*513.68*	
		For Class 56 Rating, Add	*682.59*	
40 05 19 00-0722	EA	12" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,133.98	478.35
		For Class 52 Rating, Deduct	*-265.01*	
		For Class 54 Rating, Add	*370.08*	
		For Class 55 Rating, Add	*554.65*	
		For Class 56 Rating, Add	*736.81*	
40 05 19 00-0723	EA	12" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,322.15	481.62
		For Class 52 Rating, Deduct	*-285.17*	
		For Class 54 Rating, Add	*397.62*	
		For Class 55 Rating, Add	*595.62*	
		For Class 56 Rating, Add	*791.03*	
40 05 19 00-0724	EA	12" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,510.32	484.90
		For Class 52 Rating, Deduct	*-305.32*	
		For Class 54 Rating, Add	*425.16*	
		For Class 55 Rating, Add	*636.60*	
		For Class 56 Rating, Add	*845.26*	
40 05 19 00-0725	EA	12" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,698.48	488.18
		For Class 52 Rating, Deduct	*-325.47*	
		For Class 54 Rating, Add	*452.70*	
		For Class 55 Rating, Add	*677.57*	
		For Class 56 Rating, Add	*899.48*	
40 05 19 00-0726	EA	12" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,886.64	491.45
		For Class 52 Rating, Deduct	*-345.62*	
		For Class 54 Rating, Add	*480.24*	
		For Class 55 Rating, Add	*718.54*	
		For Class 56 Rating, Add	*953.70*	
40 05 19 00-0727	EA	12" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,074.81	494.72
		For Class 52 Rating, Deduct	*-365.77*	
		For Class 54 Rating, Add	*507.78*	
		For Class 55 Rating, Add	*759.51*	
		For Class 56 Rating, Add	*1,007.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0728	EA	12" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,262.97	498.00
		For Class 52 Rating, Deduct	*-385.93*	
		For Class 54 Rating, Add	*535.32*	
		For Class 55 Rating, Add	*800.49*	
		For Class 56 Rating, Add	*1,062.15*	
40 05 19 00-0729	EA	12" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,451.14	501.28
		For Class 52 Rating, Deduct	*-406.08*	
		For Class 54 Rating, Add	*562.86*	
		For Class 55 Rating, Add	*841.46*	
		For Class 56 Rating, Add	*1,116.37*	
40 05 19 00-0730	EA	12" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,639.30	504.56
		For Class 52 Rating, Deduct	*-426.23*	
		For Class 54 Rating, Add	*590.40*	
		For Class 55 Rating, Add	*882.43*	
		For Class 56 Rating, Add	*1,170.59*	
40 05 19 00-0731	EA	12" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,827.46	507.84
		For Class 52 Rating, Deduct	*-446.38*	
		For Class 54 Rating, Add	*617.94*	
		For Class 55 Rating, Add	*923.41*	
		For Class 56 Rating, Add	*1,224.82*	
40 05 19 00-0732	EA	12" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,015.63	511.11
		For Class 52 Rating, Deduct	*-466.53*	
		For Class 54 Rating, Add	*645.48*	
		For Class 55 Rating, Add	*964.38*	
		For Class 56 Rating, Add	*1,279.04*	
40 05 19 00-0733	EA	12" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,203.79	514.38
		For Class 52 Rating, Deduct	*-486.69*	
		For Class 54 Rating, Add	*673.02*	
		For Class 55 Rating, Add	*1,005.35*	
		For Class 56 Rating, Add	*1,333.26*	
40 05 19 00-0734	EA	12" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,391.97	517.66
		For Class 52 Rating, Deduct	*-506.84*	
		For Class 54 Rating, Add	*700.56*	
		For Class 55 Rating, Add	*1,046.33*	
		For Class 56 Rating, Add	*1,387.49*	
40 05 19 00-0735	EA	12" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,580.13	520.94
		For Class 52 Rating, Deduct	*-526.99*	
		For Class 54 Rating, Add	*728.10*	
		For Class 55 Rating, Add	*1,087.30*	
		For Class 56 Rating, Add	*1,441.71*	
40 05 19 00-0736	EA	12" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,768.29	524.21
		For Class 52 Rating, Deduct	*-547.14*	
		For Class 54 Rating, Add	*755.64*	
		For Class 55 Rating, Add	*1,128.27*	
		For Class 56 Rating, Add	*1,495.93*	
40 05 19 00-0737	EA	12" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,956.46	527.49
		For Class 52 Rating, Deduct	*-567.30*	
		For Class 54 Rating, Add	*783.18*	
		For Class 55 Rating, Add	*1,169.24*	
		For Class 56 Rating, Add	*1,550.16*	
40 05 19 00-0738	EA	12" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,144.63	530.77
		For Class 52 Rating, Deduct	*-587.45*	
		For Class 54 Rating, Add	*810.71*	
		For Class 55 Rating, Add	*1,210.22*	
		For Class 56 Rating, Add	*1,604.38*	
40 05 19 00-0739	EA	12" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,332.79	534.05
		For Class 52 Rating, Deduct	*-607.60*	
		For Class 54 Rating, Add	*838.25*	
		For Class 55 Rating, Add	*1,251.19*	
		For Class 56 Rating, Add	*1,658.60*	
40 05 19 00-0740	EA	12" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,520.95	537.32
		For Class 52 Rating, Deduct	*-627.75*	
		For Class 54 Rating, Add	*865.79*	
		For Class 55 Rating, Add	*1,292.16*	
		For Class 56 Rating, Add	*1,712.82*	
40 05 19 00-0741	EA	12" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,709.11	540.59
		For Class 52 Rating, Deduct	*-647.90*	
		For Class 54 Rating, Add	*893.33*	
		For Class 55 Rating, Add	*1,333.13*	
		For Class 56 Rating, Add	*1,767.05*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0742		EA	12" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,897.28	543.87
			For Class 52 Rating, Deduct	*-668.06*	
			For Class 54 Rating, Add	*920.87*	
			For Class 55 Rating, Add	*1,374.11*	
			For Class 56 Rating, Add	*1,821.27*	
40 05 19 00-0743		EA	12" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,085.45	547.15
			For Class 52 Rating, Deduct	*-688.21*	
			For Class 54 Rating, Add	*948.41*	
			For Class 55 Rating, Add	*1,415.08*	
			For Class 56 Rating, Add	*1,875.49*	
40 05 19 00-0744		EA	12" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,273.61	550.43
			For Class 52 Rating, Deduct	*-708.36*	
			For Class 54 Rating, Add	*975.95*	
			For Class 55 Rating, Add	*1,456.05*	
			For Class 56 Rating, Add	*1,929.71*	
40 05 19 00-0745		EA	12" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,461.77	553.70
			For Class 52 Rating, Deduct	*-728.51*	
			For Class 54 Rating, Add	*1,003.49*	
			For Class 55 Rating, Add	*1,497.03*	
			For Class 56 Rating, Add	*1,983.94*	
40 05 19 00-0746		EA	12" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,649.95	556.98
			For Class 52 Rating, Deduct	*-748.66*	
			For Class 54 Rating, Add	*1,031.03*	
			For Class 55 Rating, Add	*1,538.00*	
			For Class 56 Rating, Add	*2,038.16*	
40 05 19 00-0747		EA	12" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,838.11	560.25
			For Class 52 Rating, Deduct	*-768.82*	
			For Class 54 Rating, Add	*1,058.57*	
			For Class 55 Rating, Add	*1,578.97*	
			For Class 56 Rating, Add	*2,092.39*	
40 05 19 00-0748		EA	12" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,026.28	563.53
			For Class 52 Rating, Deduct	*-788.97*	
			For Class 54 Rating, Add	*1,086.11*	
			For Class 55 Rating, Add	*1,619.95*	
			For Class 56 Rating, Add	*2,146.61*	
40 05 19 00-0749		EA	12" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,214.43	566.81
			For Class 52 Rating, Deduct	*-809.12*	
			For Class 54 Rating, Add	*1,113.65*	
			For Class 55 Rating, Add	*1,660.92*	
			For Class 56 Rating, Add	*2,200.83*	
40 05 19 00-0750		EA	12" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,402.60	570.08
			For Class 52 Rating, Deduct	*-829.27*	
			For Class 54 Rating, Add	*1,141.19*	
			For Class 55 Rating, Add	*1,701.89*	
			For Class 56 Rating, Add	*2,255.05*	
40 05 19 00-0751		EA	12" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,590.77	573.36
			For Class 52 Rating, Deduct	*-849.42*	
			For Class 54 Rating, Add	*1,168.73*	
			For Class 55 Rating, Add	*1,742.86*	
			For Class 56 Rating, Add	*2,309.28*	
40 05 19 00-0752		EA	12" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,778.93	576.64
			For Class 52 Rating, Deduct	*-869.58*	
			For Class 54 Rating, Add	*1,196.27*	
			For Class 55 Rating, Add	*1,783.84*	
			For Class 56 Rating, Add	*2,363.50*	
40 05 19 00-0753		EA	12" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,967.10	579.92
			For Class 52 Rating, Deduct	*-889.73*	
			For Class 54 Rating, Add	*1,223.81*	
			For Class 55 Rating, Add	*1,824.81*	
			For Class 56 Rating, Add	*2,417.72*	
40 05 19 00-0754		EA	12" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,155.26	583.18
			For Class 52 Rating, Deduct	*-909.88*	
			For Class 54 Rating, Add	*1,251.35*	
			For Class 55 Rating, Add	*1,865.78*	
			For Class 56 Rating, Add	*2,471.94*	

40 05 19 00-0755 14" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0756	EA	14" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,791.47	550.43
		For Class 52 Rating, Deduct	*-215.32*	
		For Class 54 Rating, Add	*303.63*	
		For Class 55 Rating, Add	*456.54*	
		For Class 56 Rating, Add	*607.48*	
40 05 19 00-0757	EA	14" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,019.78	553.70
		For Class 52 Rating, Deduct	*-239.89*	
		For Class 54 Rating, Add	*337.19*	
		For Class 55 Rating, Add	*506.46*	
		For Class 56 Rating, Add	*673.55*	
40 05 19 00-0758	EA	14" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,248.11	556.98
		For Class 52 Rating, Deduct	*-264.46*	
		For Class 54 Rating, Add	*370.76*	
		For Class 55 Rating, Add	*556.39*	
		For Class 56 Rating, Add	*739.62*	
40 05 19 00-0759	EA	14" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,476.42	560.25
		For Class 52 Rating, Deduct	*-289.03*	
		For Class 54 Rating, Add	*404.32*	
		For Class 55 Rating, Add	*606.32*	
		For Class 56 Rating, Add	*805.69*	
40 05 19 00-0760	EA	14" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,704.75	563.53
		For Class 52 Rating, Deduct	*-313.60*	
		For Class 54 Rating, Add	*437.88*	
		For Class 55 Rating, Add	*656.25*	
		For Class 56 Rating, Add	*871.76*	
40 05 19 00-0761	EA	14" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,933.05	566.81
		For Class 52 Rating, Deduct	*-338.17*	
		For Class 54 Rating, Add	*471.44*	
		For Class 55 Rating, Add	*706.17*	
		For Class 56 Rating, Add	*937.82*	
40 05 19 00-0762	EA	14" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,161.37	570.08
		For Class 52 Rating, Deduct	*-362.74*	
		For Class 54 Rating, Add	*505.01*	
		For Class 55 Rating, Add	*756.10*	
		For Class 56 Rating, Add	*1,003.89*	
40 05 19 00-0763	EA	14" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,389.70	573.36
		For Class 52 Rating, Deduct	*-387.31*	
		For Class 54 Rating, Add	*538.57*	
		For Class 55 Rating, Add	*806.03*	
		For Class 56 Rating, Add	*1,069.96*	
40 05 19 00-0764	EA	14" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,618.01	576.64
		For Class 52 Rating, Deduct	*-411.88*	
		For Class 54 Rating, Add	*572.13*	
		For Class 55 Rating, Add	*855.95*	
		For Class 56 Rating, Add	*1,136.03*	
40 05 19 00-0765	EA	14" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,846.34	579.92
		For Class 52 Rating, Deduct	*-436.44*	
		For Class 54 Rating, Add	*605.70*	
		For Class 55 Rating, Add	*905.88*	
		For Class 56 Rating, Add	*1,202.10*	
40 05 19 00-0766	EA	14" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,074.65	583.18
		For Class 52 Rating, Deduct	*-461.01*	
		For Class 54 Rating, Add	*639.26*	
		For Class 55 Rating, Add	*955.81*	
		For Class 56 Rating, Add	*1,268.16*	
40 05 19 00-0767	EA	14" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,302.97	586.46
		For Class 52 Rating, Deduct	*-485.58*	
		For Class 54 Rating, Add	*672.82*	
		For Class 55 Rating, Add	*1,005.73*	
		For Class 56 Rating, Add	*1,334.23*	
40 05 19 00-0768	EA	14" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,531.29	589.74
		For Class 52 Rating, Deduct	*-510.15*	
		For Class 54 Rating, Add	*706.38*	
		For Class 55 Rating, Add	*1,055.66*	
		For Class 56 Rating, Add	*1,400.30*	
40 05 19 00-0769	EA	14" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,759.62	593.02
		For Class 52 Rating, Deduct	*-534.72*	
		For Class 54 Rating, Add	*739.95*	
		For Class 55 Rating, Add	*1,105.59*	
		For Class 56 Rating, Add	*1,466.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0770	EA	14" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,987.92	596.30
		For Class 52 Rating, Deduct	*-559.29*	
		For Class 54 Rating, Add	*773.51*	
		For Class 55 Rating, Add	*1,155.52*	
		For Class 56 Rating, Add	*1,532.44*	
40 05 19 00-0771	EA	14" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,216.24	599.57
		For Class 52 Rating, Deduct	*-583.86*	
		For Class 54 Rating, Add	*807.07*	
		For Class 55 Rating, Add	*1,205.44*	
		For Class 56 Rating, Add	*1,598.50*	
40 05 19 00-0772	EA	14" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,444.56	602.85
		For Class 52 Rating, Deduct	*-608.43*	
		For Class 54 Rating, Add	*840.63*	
		For Class 55 Rating, Add	*1,255.37*	
		For Class 56 Rating, Add	*1,664.57*	
40 05 19 00-0773	EA	14" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,672.88	606.12
		For Class 52 Rating, Deduct	*-633.00*	
		For Class 54 Rating, Add	*874.20*	
		For Class 55 Rating, Add	*1,305.30*	
		For Class 56 Rating, Add	*1,730.64*	
40 05 19 00-0774	EA	14" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,901.21	609.40
		For Class 52 Rating, Deduct	*-657.57*	
		For Class 54 Rating, Add	*907.76*	
		For Class 55 Rating, Add	*1,355.23*	
		For Class 56 Rating, Add	*1,796.71*	
40 05 19 00-0775	EA	14" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,129.51	612.67
		For Class 52 Rating, Deduct	*-682.13*	
		For Class 54 Rating, Add	*941.32*	
		For Class 55 Rating, Add	*1,405.15*	
		For Class 56 Rating, Add	*1,862.78*	
40 05 19 00-0776	EA	14" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,357.84	615.95
		For Class 52 Rating, Deduct	*-706.70*	
		For Class 54 Rating, Add	*974.89*	
		For Class 55 Rating, Add	*1,455.08*	
		For Class 56 Rating, Add	*1,928.85*	
40 05 19 00-0777	EA	14" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,586.16	619.23
		For Class 52 Rating, Deduct	*-731.27*	
		For Class 54 Rating, Add	*1,008.45*	
		For Class 55 Rating, Add	*1,505.01*	
		For Class 56 Rating, Add	*1,994.92*	
40 05 19 00-0778	EA	14" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,814.47	622.51
		For Class 52 Rating, Deduct	*-755.84*	
		For Class 54 Rating, Add	*1,042.01*	
		For Class 55 Rating, Add	*1,554.93*	
		For Class 56 Rating, Add	*2,060.98*	
40 05 19 00-0779	EA	14" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,042.80	625.79
		For Class 52 Rating, Deduct	*-780.41*	
		For Class 54 Rating, Add	*1,075.57*	
		For Class 55 Rating, Add	*1,604.86*	
		For Class 56 Rating, Add	*2,127.05*	
40 05 19 00-0780	EA	14" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,271.11	629.05
		For Class 52 Rating, Deduct	*-804.98*	
		For Class 54 Rating, Add	*1,109.14*	
		For Class 55 Rating, Add	*1,654.79*	
		For Class 56 Rating, Add	*2,193.12*	
40 05 19 00-0781	EA	14" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,499.43	632.33
		For Class 52 Rating, Deduct	*-829.55*	
		For Class 54 Rating, Add	*1,142.70*	
		For Class 55 Rating, Add	*1,704.71*	
		For Class 56 Rating, Add	*2,259.19*	
40 05 19 00-0782	EA	14" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,727.75	635.61
		For Class 52 Rating, Deduct	*-854.12*	
		For Class 54 Rating, Add	*1,176.26*	
		For Class 55 Rating, Add	*1,754.64*	
		For Class 56 Rating, Add	*2,325.26*	
40 05 19 00-0783	EA	14" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,956.07	638.89
		For Class 52 Rating, Deduct	*-878.69*	
		For Class 54 Rating, Add	*1,209.83*	
		For Class 55 Rating, Add	*1,804.57*	
		For Class 56 Rating, Add	*2,391.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0784	EA	14" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,184.38	642.16
		For Class 52 Rating, Deduct	*-903.26*	
		For Class 54 Rating, Add	*1,243.39*	
		For Class 55 Rating, Add	*1,854.50*	
		For Class 56 Rating, Add	*2,457.39*	
40 05 19 00-0785	EA	14" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,412.71	645.44
		For Class 52 Rating, Deduct	*-927.82*	
		For Class 54 Rating, Add	*1,276.95*	
		For Class 55 Rating, Add	*1,904.42*	
		For Class 56 Rating, Add	*2,523.46*	
40 05 19 00-0786	EA	14" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,641.02	648.72
		For Class 52 Rating, Deduct	*-952.39*	
		For Class 54 Rating, Add	*1,310.51*	
		For Class 55 Rating, Add	*1,954.35*	
		For Class 56 Rating, Add	*2,589.53*	
40 05 19 00-0787	EA	14" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,869.34	651.99
		For Class 52 Rating, Deduct	*-976.96*	
		For Class 54 Rating, Add	*1,344.07*	
		For Class 55 Rating, Add	*2,004.28*	
		For Class 56 Rating, Add	*2,655.60*	
40 05 19 00-0788	EA	14" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,097.67	655.27
		For Class 52 Rating, Deduct	*-1,001.53*	
		For Class 54 Rating, Add	*1,377.64*	
		For Class 55 Rating, Add	*2,054.21*	
		For Class 56 Rating, Add	*2,721.67*	
40 05 19 00-0789	EA	14" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,325.97	658.54
		For Class 52 Rating, Deduct	*-1,026.10*	
		For Class 54 Rating, Add	*1,411.20*	
		For Class 55 Rating, Add	*2,104.13*	
		For Class 56 Rating, Add	*2,787.73*	
40 05 19 00-0790	EA	14" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,554.30	661.82
		For Class 52 Rating, Deduct	*-1,050.67*	
		For Class 54 Rating, Add	*1,444.76*	
		For Class 55 Rating, Add	*2,154.06*	
		For Class 56 Rating, Add	*2,853.80*	
40 05 19 00-0791	EA	14" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,782.61	665.10
		For Class 52 Rating, Deduct	*-1,075.24*	
		For Class 54 Rating, Add	*1,478.33*	
		For Class 55 Rating, Add	*2,203.99*	
		For Class 56 Rating, Add	*2,919.87*	
40 05 19 00-0792	EA	14" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,010.94	668.38
		For Class 52 Rating, Deduct	*-1,099.81*	
		For Class 54 Rating, Add	*1,511.89*	
		For Class 55 Rating, Add	*2,253.91*	
		For Class 56 Rating, Add	*2,985.94*	
40 05 19 00-0793	EA	14" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,239.25	671.65
		For Class 52 Rating, Deduct	*-1,124.38*	
		For Class 54 Rating, Add	*1,545.45*	
		For Class 55 Rating, Add	*2,303.84*	
		For Class 56 Rating, Add	*3,052.01*	

40 05 19 00-0794 16" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

40 05 19 00-0795	EA	16" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,269.48	629.05
		For Class 52 Rating, Deduct	*-254.80*	
		For Class 54 Rating, Add	*358.89*	
		For Class 55 Rating, Add	*539.42*	
		For Class 56 Rating, Add	*717.64*	
40 05 19 00-0796	EA	16" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,535.44	632.33
		For Class 52 Rating, Deduct	*-283.51*	
		For Class 54 Rating, Add	*398.10*	
		For Class 55 Rating, Add	*597.75*	
		For Class 56 Rating, Add	*794.81*	
40 05 19 00-0797	EA	16" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,801.41	635.61
		For Class 52 Rating, Deduct	*-312.22*	
		For Class 54 Rating, Add	*437.31*	
		For Class 55 Rating, Add	*656.07*	
		For Class 56 Rating, Add	*871.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0798	EA	16" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,067.37	638.89
		For Class 52 Rating, Deduct	*-340.93*	
		For Class 54 Rating, Add	*476.52*	
		For Class 55 Rating, Add	*714.39*	
		For Class 56 Rating, Add	*949.16*	
40 05 19 00-0799	EA	16" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,333.32	642.16
		For Class 52 Rating, Deduct	*-369.64*	
		For Class 54 Rating, Add	*515.73*	
		For Class 55 Rating, Add	*772.71*	
		For Class 56 Rating, Add	*1,026.33*	
40 05 19 00-0800	EA	16" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,599.29	645.44
		For Class 52 Rating, Deduct	*-398.35*	
		For Class 54 Rating, Add	*554.94*	
		For Class 55 Rating, Add	*831.03*	
		For Class 56 Rating, Add	*1,103.50*	
40 05 19 00-0801	EA	16" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,865.25	648.72
		For Class 52 Rating, Deduct	*-427.06*	
		For Class 54 Rating, Add	*594.15*	
		For Class 55 Rating, Add	*889.35*	
		For Class 56 Rating, Add	*1,180.68*	
40 05 19 00-0802	EA	16" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,131.22	651.99
		For Class 52 Rating, Deduct	*-455.77*	
		For Class 54 Rating, Add	*633.36*	
		For Class 55 Rating, Add	*947.68*	
		For Class 56 Rating, Add	*1,257.85*	
40 05 19 00-0803	EA	16" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,397.19	655.27
		For Class 52 Rating, Deduct	*-484.48*	
		For Class 54 Rating, Add	*672.57*	
		For Class 55 Rating, Add	*1,006.00*	
		For Class 56 Rating, Add	*1,335.03*	
40 05 19 00-0804	EA	16" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,638.04	658.54
		For Class 52 Rating, Deduct	*-510.43*	
		For Class 54 Rating, Add	*708.01*	
		For Class 55 Rating, Add	*1,058.72*	
		For Class 56 Rating, Add	*1,404.79*	
40 05 19 00-0805	EA	16" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,929.10	661.82
		For Class 52 Rating, Deduct	*-541.90*	
		For Class 54 Rating, Add	*750.98*	
		For Class 55 Rating, Add	*1,122.64*	
		For Class 56 Rating, Add	*1,489.37*	
40 05 19 00-0806	EA	16" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,195.06	665.10
		For Class 52 Rating, Deduct	*-570.61*	
		For Class 54 Rating, Add	*790.19*	
		For Class 55 Rating, Add	*1,180.96*	
		For Class 56 Rating, Add	*1,566.54*	
40 05 19 00-0807	EA	16" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,461.03	668.38
		For Class 52 Rating, Deduct	*-599.32*	
		For Class 54 Rating, Add	*829.40*	
		For Class 55 Rating, Add	*1,239.28*	
		For Class 56 Rating, Add	*1,643.72*	
40 05 19 00-0808	EA	16" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,726.99	671.65
		For Class 52 Rating, Deduct	*-628.03*	
		For Class 54 Rating, Add	*868.61*	
		For Class 55 Rating, Add	*1,297.61*	
		For Class 56 Rating, Add	*1,720.89*	
40 05 19 00-0809	EA	16" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,992.95	674.92
		For Class 52 Rating, Deduct	*-656.74*	
		For Class 54 Rating, Add	*907.82*	
		For Class 55 Rating, Add	*1,355.93*	
		For Class 56 Rating, Add	*1,798.06*	
40 05 19 00-0810	EA	16" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,258.92	678.20
		For Class 52 Rating, Deduct	*-685.45*	
		For Class 54 Rating, Add	*947.03*	
		For Class 55 Rating, Add	*1,414.25*	
		For Class 56 Rating, Add	*1,875.24*	
40 05 19 00-0811	EA	16" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,524.89	681.48
		For Class 52 Rating, Deduct	*-714.16*	
		For Class 54 Rating, Add	*986.24*	
		For Class 55 Rating, Add	*1,472.57*	
		For Class 56 Rating, Add	*1,952.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0812	EA	16" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,790.84	684.76
		For Class 52 Rating, Deduct	*-742.87*	
		For Class 54 Rating, Add	*1,025.45*	
		For Class 55 Rating, Add	*1,530.89*	
		For Class 56 Rating, Add	*2,029.58*	
40 05 19 00-0813	EA	16" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,056.80	688.03
		For Class 52 Rating, Deduct	*-771.58*	
		For Class 54 Rating, Add	*1,064.66*	
		For Class 55 Rating, Add	*1,589.21*	
		For Class 56 Rating, Add	*2,106.76*	
40 05 19 00-0814	EA	16" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,322.77	691.31
		For Class 52 Rating, Deduct	*-800.29*	
		For Class 54 Rating, Add	*1,103.87*	
		For Class 55 Rating, Add	*1,647.54*	
		For Class 56 Rating, Add	*2,183.93*	
40 05 19 00-0815	EA	16" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,588.73	694.59
		For Class 52 Rating, Deduct	*-829.00*	
		For Class 54 Rating, Add	*1,143.08*	
		For Class 55 Rating, Add	*1,705.86*	
		For Class 56 Rating, Add	*2,261.10*	
40 05 19 00-0816	EA	16" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,854.70	697.86
		For Class 52 Rating, Deduct	*-857.71*	
		For Class 54 Rating, Add	*1,182.29*	
		For Class 55 Rating, Add	*1,764.18*	
		For Class 56 Rating, Add	*2,338.28*	
40 05 19 00-0817	EA	16" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,120.66	701.13
		For Class 52 Rating, Deduct	*-886.42*	
		For Class 54 Rating, Add	*1,221.50*	
		For Class 55 Rating, Add	*1,822.50*	
		For Class 56 Rating, Add	*2,415.45*	
40 05 19 00-0818	EA	16" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,386.61	704.41
		For Class 52 Rating, Deduct	*-915.13*	
		For Class 54 Rating, Add	*1,260.71*	
		For Class 55 Rating, Add	*1,880.82*	
		For Class 56 Rating, Add	*2,492.62*	
40 05 19 00-0819	EA	16" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,652.58	707.69
		For Class 52 Rating, Deduct	*-943.84*	
		For Class 54 Rating, Add	*1,299.92*	
		For Class 55 Rating, Add	*1,939.15*	
		For Class 56 Rating, Add	*2,569.80*	
40 05 19 00-0820	EA	16" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,918.54	710.97
		For Class 52 Rating, Deduct	*-972.55*	
		For Class 54 Rating, Add	*1,339.12*	
		For Class 55 Rating, Add	*1,997.47*	
		For Class 56 Rating, Add	*2,646.97*	
40 05 19 00-0821	EA	16" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,184.51	714.25
		For Class 52 Rating, Deduct	*-1,001.26*	
		For Class 54 Rating, Add	*1,378.33*	
		For Class 55 Rating, Add	*2,055.79*	
		For Class 56 Rating, Add	*2,724.14*	
40 05 19 00-0822	EA	16" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,450.47	717.52
		For Class 52 Rating, Deduct	*-1,029.97*	
		For Class 54 Rating, Add	*1,417.54*	
		For Class 55 Rating, Add	*2,114.11*	
		For Class 56 Rating, Add	*2,801.32*	
40 05 19 00-0823	EA	16" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,716.43	720.79
		For Class 52 Rating, Deduct	*-1,058.68*	
		For Class 54 Rating, Add	*1,456.75*	
		For Class 55 Rating, Add	*2,172.43*	
		For Class 56 Rating, Add	*2,878.49*	
40 05 19 00-0824	EA	16" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,982.39	724.07
		For Class 52 Rating, Deduct	*-1,087.38*	
		For Class 54 Rating, Add	*1,495.96*	
		For Class 55 Rating, Add	*2,230.75*	
		For Class 56 Rating, Add	*2,955.66*	
40 05 19 00-0825	EA	16" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,248.35	727.35
		For Class 52 Rating, Deduct	*-1,116.09*	
		For Class 54 Rating, Add	*1,535.17*	
		For Class 55 Rating, Add	*2,289.08*	
		For Class 56 Rating, Add	*3,032.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0826	EA	16" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,514.32	730.62
		For Class 52 Rating, Deduct	*-1,144.80*	
		For Class 54 Rating, Add	*1,574.38*	
		For Class 55 Rating, Add	*2,347.40*	
		For Class 56 Rating, Add	*3,110.01*	
40 05 19 00-0827	EA	16" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,780.28	733.90
		For Class 52 Rating, Deduct	*-1,173.51*	
		For Class 54 Rating, Add	*1,613.59*	
		For Class 55 Rating, Add	*2,405.72*	
		For Class 56 Rating, Add	*3,187.18*	
40 05 19 00-0828	EA	16" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,046.24	737.18
		For Class 52 Rating, Deduct	*-1,202.22*	
		For Class 54 Rating, Add	*1,652.80*	
		For Class 55 Rating, Add	*2,464.04*	
		For Class 56 Rating, Add	*3,264.36*	
40 05 19 00-0829	EA	16" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,312.21	740.46
		For Class 52 Rating, Deduct	*-1,230.93*	
		For Class 54 Rating, Add	*1,692.01*	
		For Class 55 Rating, Add	*2,522.36*	
		For Class 56 Rating, Add	*3,341.53*	
40 05 19 00-0830	EA	16" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,578.17	743.73
		For Class 52 Rating, Deduct	*-1,259.64*	
		For Class 54 Rating, Add	*1,731.22*	
		For Class 55 Rating, Add	*2,580.68*	
		For Class 56 Rating, Add	*3,418.70*	
40 05 19 00-0831	EA	16" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,844.12	747.00
		For Class 52 Rating, Deduct	*-1,288.35*	
		For Class 54 Rating, Add	*1,770.43*	
		For Class 55 Rating, Add	*2,639.01*	
		For Class 56 Rating, Add	*3,495.87*	
40 05 19 00-0832	EA	16" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,110.09	750.28
		For Class 52 Rating, Deduct	*-1,317.06*	
		For Class 54 Rating, Add	*1,809.64*	
		For Class 55 Rating, Add	*2,697.33*	
		For Class 56 Rating, Add	*3,573.05*	

40 05 19 00-0833 18" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

40 05 19 00-0834	EA	18" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,822.25	709.00
		For Class 52 Rating, Deduct	*-302.28*	
		For Class 54 Rating, Add	*425.09*	
		For Class 55 Rating, Add	*638.59*	
		For Class 56 Rating, Add	*849.34*	
40 05 19 00-0835	EA	18" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,128.37	712.28
		For Class 52 Rating, Deduct	*-335.41*	
		For Class 54 Rating, Add	*470.32*	
		For Class 55 Rating, Add	*705.86*	
		For Class 56 Rating, Add	*938.35*	
40 05 19 00-0836	EA	18" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,434.50	715.56
		For Class 52 Rating, Deduct	*-368.54*	
		For Class 54 Rating, Add	*515.56*	
		For Class 55 Rating, Add	*773.14*	
		For Class 56 Rating, Add	*1,027.37*	
40 05 19 00-0837	EA	18" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,740.60	718.84
		For Class 52 Rating, Deduct	*-401.66*	
		For Class 54 Rating, Add	*560.79*	
		For Class 55 Rating, Add	*840.42*	
		For Class 56 Rating, Add	*1,116.39*	
40 05 19 00-0838	EA	18" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,046.72	722.11
		For Class 52 Rating, Deduct	*-434.79*	
		For Class 54 Rating, Add	*606.02*	
		For Class 55 Rating, Add	*907.69*	
		For Class 56 Rating, Add	*1,205.41*	
40 05 19 00-0839	EA	18" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,352.84	725.39
		For Class 52 Rating, Deduct	*-467.91*	
		For Class 54 Rating, Add	*651.25*	
		For Class 55 Rating, Add	*974.97*	
		For Class 56 Rating, Add	*1,294.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0840	EA	18" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,658.95	728.66
		For Class 52 Rating, Deduct	*-501.04*	
		For Class 54 Rating, Add	*696.49*	
		For Class 55 Rating, Add	*1,042.24*	
		For Class 56 Rating, Add	*1,383.45*	
40 05 19 00-0841	EA	18" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,965.07	731.94
		For Class 52 Rating, Deduct	*-534.17*	
		For Class 54 Rating, Add	*741.72*	
		For Class 55 Rating, Add	*1,109.52*	
		For Class 56 Rating, Add	*1,472.47*	
40 05 19 00-0842	EA	18" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,271.18	735.22
		For Class 52 Rating, Deduct	*-567.30*	
		For Class 54 Rating, Add	*786.95*	
		For Class 55 Rating, Add	*1,176.80*	
		For Class 56 Rating, Add	*1,561.49*	
40 05 19 00-0843	EA	18" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,577.30	738.49
		For Class 52 Rating, Deduct	*-600.42*	
		For Class 54 Rating, Add	*832.18*	
		For Class 55 Rating, Add	*1,244.07*	
		For Class 56 Rating, Add	*1,650.50*	
40 05 19 00-0844	EA	18" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,883.42	741.77
		For Class 52 Rating, Deduct	*-633.55*	
		For Class 54 Rating, Add	*877.42*	
		For Class 55 Rating, Add	*1,311.35*	
		For Class 56 Rating, Add	*1,739.52*	
40 05 19 00-0845	EA	18" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,189.53	745.05
		For Class 52 Rating, Deduct	*-666.67*	
		For Class 54 Rating, Add	*922.65*	
		For Class 55 Rating, Add	*1,378.62*	
		For Class 56 Rating, Add	*1,828.54*	
40 05 19 00-0846	EA	18" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,495.65	748.33
		For Class 52 Rating, Deduct	*-699.80*	
		For Class 54 Rating, Add	*967.88*	
		For Class 55 Rating, Add	*1,445.90*	
		For Class 56 Rating, Add	*1,917.56*	
40 05 19 00-0847	EA	18" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,801.77	751.59
		For Class 52 Rating, Deduct	*-732.93*	
		For Class 54 Rating, Add	*1,013.11*	
		For Class 55 Rating, Add	*1,513.18*	
		For Class 56 Rating, Add	*2,006.58*	
40 05 19 00-0848	EA	18" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,107.88	754.87
		For Class 52 Rating, Deduct	*-766.06*	
		For Class 54 Rating, Add	*1,058.35*	
		For Class 55 Rating, Add	*1,580.45*	
		For Class 56 Rating, Add	*2,095.60*	
40 05 19 00-0849	EA	18" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,414.00	758.15
		For Class 52 Rating, Deduct	*-799.18*	
		For Class 54 Rating, Add	*1,103.58*	
		For Class 55 Rating, Add	*1,647.73*	
		For Class 56 Rating, Add	*2,184.61*	
40 05 19 00-0850	EA	18" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,720.11	761.43
		For Class 52 Rating, Deduct	*-832.31*	
		For Class 54 Rating, Add	*1,148.81*	
		For Class 55 Rating, Add	*1,715.00*	
		For Class 56 Rating, Add	*2,273.63*	
40 05 19 00-0851	EA	18" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,026.23	764.71
		For Class 52 Rating, Deduct	*-865.44*	
		For Class 54 Rating, Add	*1,194.04*	
		For Class 55 Rating, Add	*1,782.28*	
		For Class 56 Rating, Add	*2,362.65*	
40 05 19 00-0852	EA	18" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,332.35	767.98
		For Class 52 Rating, Deduct	*-898.56*	
		For Class 54 Rating, Add	*1,239.28*	
		For Class 55 Rating, Add	*1,849.56*	
		For Class 56 Rating, Add	*2,451.67*	
40 05 19 00-0853	EA	18" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,638.46	771.26
		For Class 52 Rating, Deduct	*-931.69*	
		For Class 54 Rating, Add	*1,284.51*	
		For Class 55 Rating, Add	*1,916.83*	
		For Class 56 Rating, Add	*2,540.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0854	EA	18" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,944.58	774.53
		For Class 52 Rating, Deduct	*-964.82*	
		For Class 54 Rating, Add	*1,329.74*	
		For Class 55 Rating, Add	*1,984.11*	
		For Class 56 Rating, Add	*2,629.71*	
40 05 19 00-0855	EA	18" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,250.69	777.81
		For Class 52 Rating, Deduct	*-997.94*	
		For Class 54 Rating, Add	*1,374.97*	
		For Class 55 Rating, Add	*2,051.38*	
		For Class 56 Rating, Add	*2,718.72*	
40 05 19 00-0856	EA	18" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,556.81	781.08
		For Class 52 Rating, Deduct	*-1,031.07*	
		For Class 54 Rating, Add	*1,420.21*	
		For Class 55 Rating, Add	*2,118.66*	
		For Class 56 Rating, Add	*2,807.75*	
40 05 19 00-0857	EA	18" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,862.93	784.36
		For Class 52 Rating, Deduct	*-1,064.20*	
		For Class 54 Rating, Add	*1,465.44*	
		For Class 55 Rating, Add	*2,185.94*	
		For Class 56 Rating, Add	*2,896.76*	
40 05 19 00-0858	EA	18" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,169.05	787.64
		For Class 52 Rating, Deduct	*-1,097.32*	
		For Class 54 Rating, Add	*1,510.67*	
		For Class 55 Rating, Add	*2,253.21*	
		For Class 56 Rating, Add	*2,985.78*	
40 05 19 00-0859	EA	18" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,475.16	790.92
		For Class 52 Rating, Deduct	*-1,130.45*	
		For Class 54 Rating, Add	*1,555.90*	
		For Class 55 Rating, Add	*2,320.49*	
		For Class 56 Rating, Add	*3,074.80*	
40 05 19 00-0860	EA	18" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,781.27	794.20
		For Class 52 Rating, Deduct	*-1,163.58*	
		For Class 54 Rating, Add	*1,601.13*	
		For Class 55 Rating, Add	*2,387.76*	
		For Class 56 Rating, Add	*3,163.82*	
40 05 19 00-0861	EA	18" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,087.39	797.46
		For Class 52 Rating, Deduct	*-1,196.70*	
		For Class 54 Rating, Add	*1,646.37*	
		For Class 55 Rating, Add	*2,455.04*	
		For Class 56 Rating, Add	*3,252.84*	
40 05 19 00-0862	EA	18" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,393.51	800.74
		For Class 52 Rating, Deduct	*-1,229.83*	
		For Class 54 Rating, Add	*1,691.60*	
		For Class 55 Rating, Add	*2,522.32*	
		For Class 56 Rating, Add	*3,341.86*	
40 05 19 00-0863	EA	18" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,699.63	804.02
		For Class 52 Rating, Deduct	*-1,262.96*	
		For Class 54 Rating, Add	*1,736.83*	
		For Class 55 Rating, Add	*2,589.59*	
		For Class 56 Rating, Add	*3,430.87*	
40 05 19 00-0864	EA	18" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,005.73	807.30
		For Class 52 Rating, Deduct	*-1,296.08*	
		For Class 54 Rating, Add	*1,782.06*	
		For Class 55 Rating, Add	*2,656.87*	
		For Class 56 Rating, Add	*3,519.89*	
40 05 19 00-0865	EA	18" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,311.85	810.57
		For Class 52 Rating, Deduct	*-1,329.21*	
		For Class 54 Rating, Add	*1,827.30*	
		For Class 55 Rating, Add	*2,724.14*	
		For Class 56 Rating, Add	*3,608.91*	
40 05 19 00-0866	EA	18" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,617.98	813.85
		For Class 52 Rating, Deduct	*-1,362.34*	
		For Class 54 Rating, Add	*1,872.53*	
		For Class 55 Rating, Add	*2,791.42*	
		For Class 56 Rating, Add	*3,697.93*	
40 05 19 00-0867	EA	18" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,924.09	817.13
		For Class 52 Rating, Deduct	*-1,395.46*	
		For Class 54 Rating, Add	*1,917.76*	
		For Class 55 Rating, Add	*2,858.70*	
		For Class 56 Rating, Add	*3,786.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0868	EA	18" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,230.21	820.40
		For Class 52 Rating, Deduct	*-1,428.59*	
		For Class 54 Rating, Add	*1,962.99*	
		For Class 55 Rating, Add	*2,925.97*	
		For Class 56 Rating, Add	*3,875.97*	
40 05 19 00-0869	EA	18" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,536.31	823.68
		For Class 52 Rating, Deduct	*-1,461.72*	
		For Class 54 Rating, Add	*2,008.23*	
		For Class 55 Rating, Add	*2,993.25*	
		For Class 56 Rating, Add	*3,964.98*	
40 05 19 00-0870	EA	18" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,842.43	826.95
		For Class 52 Rating, Deduct	*-1,494.84*	
		For Class 54 Rating, Add	*2,053.46*	
		For Class 55 Rating, Add	*3,060.52*	
		For Class 56 Rating, Add	*4,054.00*	
40 05 19 00-0871	EA	18" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,148.56	830.23
		For Class 52 Rating, Deduct	*-1,527.97*	
		For Class 54 Rating, Add	*2,098.69*	
		For Class 55 Rating, Add	*3,127.80*	
		For Class 56 Rating, Add	*4,143.02*	

40 05 19 00-0872 20" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

40 05 19 00-0873	EA	20" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,435.92	809.26
		For Class 52 Rating, Deduct	*-353.08*	
		For Class 54 Rating, Add	*496.18*	
		For Class 55 Rating, Add	*745.21*	
		For Class 56 Rating, Add	*991.03*	
40 05 19 00-0874	EA	20" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,787.21	812.53
		For Class 52 Rating, Deduct	*-391.17*	
		For Class 54 Rating, Add	*548.19*	
		For Class 55 Rating, Add	*822.56*	
		For Class 56 Rating, Add	*1,093.37*	
40 05 19 00-0875	EA	20" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,138.51	815.81
		For Class 52 Rating, Deduct	*-429.27*	
		For Class 54 Rating, Add	*600.20*	
		For Class 55 Rating, Add	*899.91*	
		For Class 56 Rating, Add	*1,195.72*	
40 05 19 00-0876	EA	20" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,489.79	819.08
		For Class 52 Rating, Deduct	*-467.36*	
		For Class 54 Rating, Add	*652.20*	
		For Class 55 Rating, Add	*977.26*	
		For Class 56 Rating, Add	*1,298.06*	
40 05 19 00-0877	EA	20" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,841.09	822.36
		For Class 52 Rating, Deduct	*-505.46*	
		For Class 54 Rating, Add	*704.21*	
		For Class 55 Rating, Add	*1,054.61*	
		For Class 56 Rating, Add	*1,400.40*	
40 05 19 00-0878	EA	20" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,192.36	825.64
		For Class 52 Rating, Deduct	*-543.55*	
		For Class 54 Rating, Add	*756.22*	
		For Class 55 Rating, Add	*1,131.96*	
		For Class 56 Rating, Add	*1,502.75*	
40 05 19 00-0879	EA	20" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,543.66	828.92
		For Class 52 Rating, Deduct	*-581.65*	
		For Class 54 Rating, Add	*808.23*	
		For Class 55 Rating, Add	*1,209.31*	
		For Class 56 Rating, Add	*1,605.09*	
40 05 19 00-0880	EA	20" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,894.95	832.20
		For Class 52 Rating, Deduct	*-619.75*	
		For Class 54 Rating, Add	*860.24*	
		For Class 55 Rating, Add	*1,286.65*	
		For Class 56 Rating, Add	*1,707.44*	
40 05 19 00-0881	EA	20" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,246.24	835.46
		For Class 52 Rating, Deduct	*-657.84*	
		For Class 54 Rating, Add	*912.25*	
		For Class 55 Rating, Add	*1,364.01*	
		For Class 56 Rating, Add	*1,809.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0882	EA	20" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,597.52	838.74
		For Class 52 Rating, Deduct	*-695.94*	
		For Class 54 Rating, Add	*964.25*	
		For Class 55 Rating, Add	*1,441.35*	
		For Class 56 Rating, Add	*1,912.13*	
40 05 19 00-0883	EA	20" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,948.82	842.02
		For Class 52 Rating, Deduct	*-734.03*	
		For Class 54 Rating, Add	*1,016.26*	
		For Class 55 Rating, Add	*1,518.70*	
		For Class 56 Rating, Add	*2,014.47*	
40 05 19 00-0884	EA	20" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,300.10	845.30
		For Class 52 Rating, Deduct	*-772.13*	
		For Class 54 Rating, Add	*1,068.27*	
		For Class 55 Rating, Add	*1,596.05*	
		For Class 56 Rating, Add	*2,116.82*	
40 05 19 00-0885	EA	20" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,651.40	848.57
		For Class 52 Rating, Deduct	*-810.22*	
		For Class 54 Rating, Add	*1,120.28*	
		For Class 55 Rating, Add	*1,673.40*	
		For Class 56 Rating, Add	*2,219.16*	
40 05 19 00-0886	EA	20" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,002.69	851.85
		For Class 52 Rating, Deduct	*-848.32*	
		For Class 54 Rating, Add	*1,172.29*	
		For Class 55 Rating, Add	*1,750.75*	
		For Class 56 Rating, Add	*2,321.50*	
40 05 19 00-0887	EA	20" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,353.97	855.13
		For Class 52 Rating, Deduct	*-886.42*	
		For Class 54 Rating, Add	*1,224.30*	
		For Class 55 Rating, Add	*1,828.10*	
		For Class 56 Rating, Add	*2,423.85*	
40 05 19 00-0888	EA	20" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,705.26	858.40
		For Class 52 Rating, Deduct	*-924.51*	
		For Class 54 Rating, Add	*1,276.30*	
		For Class 55 Rating, Add	*1,905.45*	
		For Class 56 Rating, Add	*2,526.19*	
40 05 19 00-0889	EA	20" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,056.55	861.68
		For Class 52 Rating, Deduct	*-962.61*	
		For Class 54 Rating, Add	*1,328.31*	
		For Class 55 Rating, Add	*1,982.80*	
		For Class 56 Rating, Add	*2,628.54*	
40 05 19 00-0890	EA	20" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,407.84	864.95
		For Class 52 Rating, Deduct	*-1,000.70*	
		For Class 54 Rating, Add	*1,380.32*	
		For Class 55 Rating, Add	*2,060.15*	
		For Class 56 Rating, Add	*2,730.88*	
40 05 19 00-0891	EA	20" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,759.12	868.23
		For Class 52 Rating, Deduct	*-1,038.80*	
		For Class 54 Rating, Add	*1,432.33*	
		For Class 55 Rating, Add	*2,137.50*	
		For Class 56 Rating, Add	*2,833.23*	
40 05 19 00-0892	EA	20" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,110.41	871.51
		For Class 52 Rating, Deduct	*-1,076.89*	
		For Class 54 Rating, Add	*1,484.34*	
		For Class 55 Rating, Add	*2,214.85*	
		For Class 56 Rating, Add	*2,935.57*	
40 05 19 00-0893	EA	20" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,461.70	874.79
		For Class 52 Rating, Deduct	*-1,114.99*	
		For Class 54 Rating, Add	*1,536.35*	
		For Class 55 Rating, Add	*2,292.20*	
		For Class 56 Rating, Add	*3,037.92*	
40 05 19 00-0894	EA	20" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,813.00	878.06
		For Class 52 Rating, Deduct	*-1,153.09*	
		For Class 54 Rating, Add	*1,588.35*	
		For Class 55 Rating, Add	*2,369.55*	
		For Class 56 Rating, Add	*3,140.26*	
40 05 19 00-0895	EA	20" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,164.28	881.33
		For Class 52 Rating, Deduct	*-1,191.18*	
		For Class 54 Rating, Add	*1,640.36*	
		For Class 55 Rating, Add	*2,446.90*	
		For Class 56 Rating, Add	*3,242.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0896	EA	20" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,515.57	884.61
		For Class 52 Rating, Deduct	*-1,229.28*	
		For Class 54 Rating, Add	*1,692.37*	
		For Class 55 Rating, Add	*2,524.25*	
		For Class 56 Rating, Add	*3,344.95*	
40 05 19 00-0897	EA	20" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,866.85	887.89
		For Class 52 Rating, Deduct	*-1,267.37*	
		For Class 54 Rating, Add	*1,744.38*	
		For Class 55 Rating, Add	*2,601.60*	
		For Class 56 Rating, Add	*3,447.29*	
40 05 19 00-0898	EA	20" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,218.15	891.17
		For Class 52 Rating, Deduct	*-1,305.47*	
		For Class 54 Rating, Add	*1,796.39*	
		For Class 55 Rating, Add	*2,678.95*	
		For Class 56 Rating, Add	*3,549.64*	
40 05 19 00-0899	EA	20" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,569.44	894.44
		For Class 52 Rating, Deduct	*-1,343.56*	
		For Class 54 Rating, Add	*1,848.40*	
		For Class 55 Rating, Add	*2,756.30*	
		For Class 56 Rating, Add	*3,651.98*	
40 05 19 00-0900	EA	20" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,920.72	897.72
		For Class 52 Rating, Deduct	*-1,381.66*	
		For Class 54 Rating, Add	*1,900.40*	
		For Class 55 Rating, Add	*2,833.65*	
		For Class 56 Rating, Add	*3,754.33*	
40 05 19 00-0901	EA	20" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,272.01	901.00
		For Class 52 Rating, Deduct	*-1,419.76*	
		For Class 54 Rating, Add	*1,952.41*	
		For Class 55 Rating, Add	*2,911.00*	
		For Class 56 Rating, Add	*3,856.67*	
40 05 19 00-0902	EA	20" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,623.31	904.27
		For Class 52 Rating, Deduct	*-1,457.85*	
		For Class 54 Rating, Add	*2,004.42*	
		For Class 55 Rating, Add	*2,988.35*	
		For Class 56 Rating, Add	*3,959.02*	
40 05 19 00-0903	EA	20" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,974.59	907.54
		For Class 52 Rating, Deduct	*-1,495.95*	
		For Class 54 Rating, Add	*2,056.43*	
		For Class 55 Rating, Add	*3,065.69*	
		For Class 56 Rating, Add	*4,061.36*	
40 05 19 00-0904	EA	20" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,325.89	910.82
		For Class 52 Rating, Deduct	*-1,534.04*	
		For Class 54 Rating, Add	*2,108.44*	
		For Class 55 Rating, Add	*3,143.05*	
		For Class 56 Rating, Add	*4,163.71*	
40 05 19 00-0905	EA	20" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,677.17	914.10
		For Class 52 Rating, Deduct	*-1,572.14*	
		For Class 54 Rating, Add	*2,160.45*	
		For Class 55 Rating, Add	*3,220.39*	
		For Class 56 Rating, Add	*4,266.05*	
40 05 19 00-0906	EA	20" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,028.46	917.38
		For Class 52 Rating, Deduct	*-1,610.24*	
		For Class 54 Rating, Add	*2,212.45*	
		For Class 55 Rating, Add	*3,297.74*	
		For Class 56 Rating, Add	*4,368.40*	
40 05 19 00-0907	EA	20" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,379.75	920.66
		For Class 52 Rating, Deduct	*-1,648.33*	
		For Class 54 Rating, Add	*2,264.46*	
		For Class 55 Rating, Add	*3,375.09*	
		For Class 56 Rating, Add	*4,470.74*	
40 05 19 00-0908	EA	20" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,731.04	923.93
		For Class 52 Rating, Deduct	*-1,686.43*	
		For Class 54 Rating, Add	*2,316.47*	
		For Class 55 Rating, Add	*3,452.44*	
		For Class 56 Rating, Add	*4,573.09*	
40 05 19 00-0909	EA	20" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,082.33	927.20
		For Class 52 Rating, Deduct	*-1,724.52*	
		For Class 54 Rating, Add	*2,368.48*	
		For Class 55 Rating, Add	*3,529.79*	
		For Class 56 Rating, Add	*4,675.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0910	EA	20" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,433.62	930.48
		For Class 52 Rating, Deduct	*-1,762.62*	
		For Class 54 Rating, Add	*2,420.49*	
		For Class 55 Rating, Add	*3,607.14*	
		For Class 56 Rating, Add	*4,777.77*	

40 05 19 00-0911 24" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

40 05 19 00-0912	EA	24" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,505.05	956.69
		For Class 52 Rating, Deduct	*-446.11*	
		For Class 54 Rating, Add	*625.72*	
		For Class 55 Rating, Add	*939.17*	
		For Class 56 Rating, Add	*1,248.56*	
40 05 19 00-0913	EA	24" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,939.15	959.97
		For Class 52 Rating, Deduct	*-493.31*	
		For Class 54 Rating, Add	*690.15*	
		For Class 55 Rating, Add	*1,034.99*	
		For Class 56 Rating, Add	*1,375.34*	
40 05 19 00-0914	EA	24" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,373.26	963.25
		For Class 52 Rating, Deduct	*-540.52*	
		For Class 54 Rating, Add	*754.58*	
		For Class 55 Rating, Add	*1,130.80*	
		For Class 56 Rating, Add	*1,502.11*	
40 05 19 00-0915	EA	24" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,807.37	966.52
		For Class 52 Rating, Deduct	*-587.72*	
		For Class 54 Rating, Add	*819.01*	
		For Class 55 Rating, Add	*1,226.62*	
		For Class 56 Rating, Add	*1,628.89*	
40 05 19 00-0916	EA	24" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,241.47	969.80
		For Class 52 Rating, Deduct	*-634.93*	
		For Class 54 Rating, Add	*883.44*	
		For Class 55 Rating, Add	*1,322.44*	
		For Class 56 Rating, Add	*1,755.66*	
40 05 19 00-0917	EA	24" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,675.58	973.07
		For Class 52 Rating, Deduct	*-682.13*	
		For Class 54 Rating, Add	*947.88*	
		For Class 55 Rating, Add	*1,418.26*	
		For Class 56 Rating, Add	*1,882.44*	
40 05 19 00-0918	EA	24" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,109.68	976.35
		For Class 52 Rating, Deduct	*-729.34*	
		For Class 54 Rating, Add	*1,012.31*	
		For Class 55 Rating, Add	*1,514.07*	
		For Class 56 Rating, Add	*2,009.21*	
40 05 19 00-0919	EA	24" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,543.78	979.63
		For Class 52 Rating, Deduct	*-776.55*	
		For Class 54 Rating, Add	*1,076.74*	
		For Class 55 Rating, Add	*1,609.89*	
		For Class 56 Rating, Add	*2,135.99*	
40 05 19 00-0920	EA	24" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,977.90	982.90
		For Class 52 Rating, Deduct	*-823.75*	
		For Class 54 Rating, Add	*1,141.17*	
		For Class 55 Rating, Add	*1,705.71*	
		For Class 56 Rating, Add	*2,262.76*	
40 05 19 00-0921	EA	24" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,412.00	986.18
		For Class 52 Rating, Deduct	*-870.96*	
		For Class 54 Rating, Add	*1,205.60*	
		For Class 55 Rating, Add	*1,801.53*	
		For Class 56 Rating, Add	*2,389.54*	
40 05 19 00-0922	EA	24" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,846.10	989.46
		For Class 52 Rating, Deduct	*-918.16*	
		For Class 54 Rating, Add	*1,270.03*	
		For Class 55 Rating, Add	*1,897.35*	
		For Class 56 Rating, Add	*2,516.31*	
40 05 19 00-0923	EA	24" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,280.21	992.74
		For Class 52 Rating, Deduct	*-965.37*	
		For Class 54 Rating, Add	*1,334.46*	
		For Class 55 Rating, Add	*1,993.16*	
		For Class 56 Rating, Add	*2,643.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0924	EA	24" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,714.31	996.00
		For Class 52 Rating, Deduct	*-1,012.57*	
		For Class 54 Rating, Add	*1,398.89*	
		For Class 55 Rating, Add	*2,088.98*	
		For Class 56 Rating, Add	*2,769.86*	
40 05 19 00-0925	EA	24" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,148.42	999.28
		For Class 52 Rating, Deduct	*-1,059.78*	
		For Class 54 Rating, Add	*1,463.32*	
		For Class 55 Rating, Add	*2,184.80*	
		For Class 56 Rating, Add	*2,896.64*	
40 05 19 00-0926	EA	24" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,582.54	1,002.56
		For Class 52 Rating, Deduct	*-1,106.99*	
		For Class 54 Rating, Add	*1,527.75*	
		For Class 55 Rating, Add	*2,280.62*	
		For Class 56 Rating, Add	*3,023.42*	
40 05 19 00-0927	EA	24" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,016.63	1,005.84
		For Class 52 Rating, Deduct	*-1,154.19*	
		For Class 54 Rating, Add	*1,592.18*	
		For Class 55 Rating, Add	*2,376.43*	
		For Class 56 Rating, Add	*3,150.19*	
40 05 19 00-0928	EA	24" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,450.74	1,009.12
		For Class 52 Rating, Deduct	*-1,201.40*	
		For Class 54 Rating, Add	*1,656.61*	
		For Class 55 Rating, Add	*2,472.25*	
		For Class 56 Rating, Add	*3,276.97*	
40 05 19 00-0929	EA	24" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,884.85	1,012.39
		For Class 52 Rating, Deduct	*-1,248.60*	
		For Class 54 Rating, Add	*1,721.05*	
		For Class 55 Rating, Add	*2,568.07*	
		For Class 56 Rating, Add	*3,403.74*	
40 05 19 00-0930	EA	24" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,318.95	1,015.67
		For Class 52 Rating, Deduct	*-1,295.81*	
		For Class 54 Rating, Add	*1,785.48*	
		For Class 55 Rating, Add	*2,663.89*	
		For Class 56 Rating, Add	*3,530.52*	
40 05 19 00-0931	EA	24" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,753.05	1,018.94
		For Class 52 Rating, Deduct	*-1,343.01*	
		For Class 54 Rating, Add	*1,849.91*	
		For Class 55 Rating, Add	*2,759.70*	
		For Class 56 Rating, Add	*3,657.29*	
40 05 19 00-0932	EA	24" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,187.16	1,022.22
		For Class 52 Rating, Deduct	*-1,390.22*	
		For Class 54 Rating, Add	*1,914.34*	
		For Class 55 Rating, Add	*2,855.52*	
		For Class 56 Rating, Add	*3,784.07*	
40 05 19 00-0933	EA	24" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,621.27	1,025.49
		For Class 52 Rating, Deduct	*-1,437.42*	
		For Class 54 Rating, Add	*1,978.77*	
		For Class 55 Rating, Add	*2,951.34*	
		For Class 56 Rating, Add	*3,910.85*	
40 05 19 00-0934	EA	24" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,055.38	1,028.77
		For Class 52 Rating, Deduct	*-1,484.63*	
		For Class 54 Rating, Add	*2,043.20*	
		For Class 55 Rating, Add	*3,047.16*	
		For Class 56 Rating, Add	*4,037.62*	
40 05 19 00-0935	EA	24" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,489.48	1,032.05
		For Class 52 Rating, Deduct	*-1,531.83*	
		For Class 54 Rating, Add	*2,107.63*	
		For Class 55 Rating, Add	*3,142.98*	
		For Class 56 Rating, Add	*4,164.40*	
40 05 19 00-0936	EA	24" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,923.58	1,035.33
		For Class 52 Rating, Deduct	*-1,579.04*	
		For Class 54 Rating, Add	*2,172.06*	
		For Class 55 Rating, Add	*3,238.79*	
		For Class 56 Rating, Add	*4,291.17*	
40 05 19 00-0937	EA	24" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,357.69	1,038.61
		For Class 52 Rating, Deduct	*-1,626.25*	
		For Class 54 Rating, Add	*2,236.49*	
		For Class 55 Rating, Add	*3,334.61*	
		For Class 56 Rating, Add	*4,417.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0938	EA	24" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,791.80	1,041.87
		For Class 52 Rating, Deduct	*-1,673.45*	
		For Class 54 Rating, Add	*2,300.92*	
		For Class 55 Rating, Add	*3,430.43*	
		For Class 56 Rating, Add	*4,544.72*	
40 05 19 00-0939	EA	24" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,225.91	1,045.15
		For Class 52 Rating, Deduct	*-1,720.66*	
		For Class 54 Rating, Add	*2,365.35*	
		For Class 55 Rating, Add	*3,526.25*	
		For Class 56 Rating, Add	*4,671.50*	
40 05 19 00-0940	EA	24" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,660.01	1,048.43
		For Class 52 Rating, Deduct	*-1,767.86*	
		For Class 54 Rating, Add	*2,429.78*	
		For Class 55 Rating, Add	*3,622.06*	
		For Class 56 Rating, Add	*4,798.27*	
40 05 19 00-0941	EA	24" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,178.51	1,107.41
		For Class 52 Rating, Deduct	*-1,815.07*	
		For Class 54 Rating, Add	*2,495.23*	
		For Class 55 Rating, Add	*3,719.91*	
		For Class 56 Rating, Add	*4,928.09*	
40 05 19 00-0942	EA	24" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,612.61	1,110.68
		For Class 52 Rating, Deduct	*-1,862.27*	
		For Class 54 Rating, Add	*2,559.66*	
		For Class 55 Rating, Add	*3,815.72*	
		For Class 56 Rating, Add	*5,054.86*	
40 05 19 00-0943	EA	24" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,046.71	1,113.95
		For Class 52 Rating, Deduct	*-1,909.48*	
		For Class 54 Rating, Add	*2,624.09*	
		For Class 55 Rating, Add	*3,911.54*	
		For Class 56 Rating, Add	*5,181.64*	
40 05 19 00-0944	EA	24" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,480.82	1,117.23
		For Class 52 Rating, Deduct	*-1,956.68*	
		For Class 54 Rating, Add	*2,688.52*	
		For Class 55 Rating, Add	*4,007.36*	
		For Class 56 Rating, Add	*5,308.41*	
40 05 19 00-0945	EA	24" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,914.93	1,120.51
		For Class 52 Rating, Deduct	*-2,003.89*	
		For Class 54 Rating, Add	*2,752.95*	
		For Class 55 Rating, Add	*4,103.18*	
		For Class 56 Rating, Add	*5,435.19*	
40 05 19 00-0946	EA	24" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,349.04	1,123.79
		For Class 52 Rating, Deduct	*-2,051.10*	
		For Class 54 Rating, Add	*2,817.38*	
		For Class 55 Rating, Add	*4,199.00*	
		For Class 56 Rating, Add	*5,561.96*	
40 05 19 00-0947	EA	24" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,783.14	1,127.07
		For Class 52 Rating, Deduct	*-2,098.30*	
		For Class 54 Rating, Add	*2,881.81*	
		For Class 55 Rating, Add	*4,294.81*	
		For Class 56 Rating, Add	*5,688.74*	
40 05 19 00-0948	EA	24" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,217.24	1,130.34
		For Class 52 Rating, Deduct	*-2,145.51*	
		For Class 54 Rating, Add	*2,946.24*	
		For Class 55 Rating, Add	*4,390.63*	
		For Class 56 Rating, Add	*5,815.51*	
40 05 19 00-0949	EA	24" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,651.35	1,133.61
		For Class 52 Rating, Deduct	*-2,192.71*	
		For Class 54 Rating, Add	*3,010.67*	
		For Class 55 Rating, Add	*4,486.45*	
		For Class 56 Rating, Add	*5,942.29*	
40 05 19 00-0950		30" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*		
40 05 19 00-0951	EA	30" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,520.01	1,349.85
		For Class 52 Rating, Deduct	*-712.22*	
		For Class 54 Rating, Add	*995.76*	
		For Class 55 Rating, Add	*1,492.96*	
		For Class 56 Rating, Add	*1,983.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0952	EA	30" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,144.83	1,353.13
		For Class 52 Rating, Deduct	*-780.41*	
		For Class 54 Rating, Add	*1,088.80*	
		For Class 55 Rating, Add	*1,631.31*	
		For Class 56 Rating, Add	*2,166.73*	
40 05 19 00-0953	EA	30" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,769.67	1,356.41
		For Class 52 Rating, Deduct	*-848.60*	
		For Class 54 Rating, Add	*1,181.84*	
		For Class 55 Rating, Add	*1,769.66*	
		For Class 56 Rating, Add	*2,349.77*	
40 05 19 00-0954	EA	30" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,394.51	1,359.69
		For Class 52 Rating, Deduct	*-916.78*	
		For Class 54 Rating, Add	*1,274.88*	
		For Class 55 Rating, Add	*1,908.01*	
		For Class 56 Rating, Add	*2,532.81*	
40 05 19 00-0955	EA	30" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,019.34	1,362.96
		For Class 52 Rating, Deduct	*-984.97*	
		For Class 54 Rating, Add	*1,367.92*	
		For Class 55 Rating, Add	*2,046.36*	
		For Class 56 Rating, Add	*2,715.85*	
40 05 19 00-0956	EA	30" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,644.17	1,366.23
		For Class 52 Rating, Deduct	*-1,053.15*	
		For Class 54 Rating, Add	*1,460.96*	
		For Class 55 Rating, Add	*2,184.71*	
		For Class 56 Rating, Add	*2,898.89*	
40 05 19 00-0957	EA	30" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,269.02	1,369.51
		For Class 52 Rating, Deduct	*-1,121.34*	
		For Class 54 Rating, Add	*1,554.00*	
		For Class 55 Rating, Add	*2,323.06*	
		For Class 56 Rating, Add	*3,081.93*	
40 05 19 00-0958	EA	30" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,893.85	1,372.79
		For Class 52 Rating, Deduct	*-1,189.53*	
		For Class 54 Rating, Add	*1,647.04*	
		For Class 55 Rating, Add	*2,461.41*	
		For Class 56 Rating, Add	*3,264.97*	
40 05 19 00-0959	EA	30" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,518.69	1,376.07
		For Class 52 Rating, Deduct	*-1,257.71*	
		For Class 54 Rating, Add	*1,740.08*	
		For Class 55 Rating, Add	*2,599.76*	
		For Class 56 Rating, Add	*3,448.01*	
40 05 19 00-0960	EA	30" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,143.52	1,379.34
		For Class 52 Rating, Deduct	*-1,325.90*	
		For Class 54 Rating, Add	*1,833.12*	
		For Class 55 Rating, Add	*2,738.11*	
		For Class 56 Rating, Add	*3,631.05*	
40 05 19 00-0961	EA	30" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,768.35	1,382.62
		For Class 52 Rating, Deduct	*-1,394.08*	
		For Class 54 Rating, Add	*1,926.16*	
		For Class 55 Rating, Add	*2,876.46*	
		For Class 56 Rating, Add	*3,814.09*	
40 05 19 00-0962	EA	30" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,393.19	1,385.89
		For Class 52 Rating, Deduct	*-1,462.27*	
		For Class 54 Rating, Add	*2,019.20*	
		For Class 55 Rating, Add	*3,014.81*	
		For Class 56 Rating, Add	*3,997.13*	
40 05 19 00-0963	EA	30" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,018.02	1,389.17
		For Class 52 Rating, Deduct	*-1,530.45*	
		For Class 54 Rating, Add	*2,112.24*	
		For Class 55 Rating, Add	*3,153.16*	
		For Class 56 Rating, Add	*4,180.17*	
40 05 19 00-0964	EA	30" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,642.86	1,392.44
		For Class 52 Rating, Deduct	*-1,598.64*	
		For Class 54 Rating, Add	*2,205.28*	
		For Class 55 Rating, Add	*3,291.51*	
		For Class 56 Rating, Add	*4,363.21*	
40 05 19 00-0965	EA	30" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,267.70	1,395.72
		For Class 52 Rating, Deduct	*-1,666.83*	
		For Class 54 Rating, Add	*2,298.32*	
		For Class 55 Rating, Add	*3,429.86*	
		For Class 56 Rating, Add	*4,546.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0966	EA	30" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,892.53	1,399.00
		For Class 52 Rating, Deduct	*-1,735.01*	
		For Class 54 Rating, Add	*2,391.36*	
		For Class 55 Rating, Add	*3,568.22*	
		For Class 56 Rating, Add	*4,729.30*	
40 05 19 00-0967	EA	30" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,517.37	1,402.28
		For Class 52 Rating, Deduct	*-1,803.20*	
		For Class 54 Rating, Add	*2,484.40*	
		For Class 55 Rating, Add	*3,706.57*	
		For Class 56 Rating, Add	*4,912.34*	
40 05 19 00-0968	EA	30" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,142.20	1,405.56
		For Class 52 Rating, Deduct	*-1,871.38*	
		For Class 54 Rating, Add	*2,577.44*	
		For Class 55 Rating, Add	*3,844.92*	
		For Class 56 Rating, Add	*5,095.38*	
40 05 19 00-0969	EA	30" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,767.04	1,408.82
		For Class 52 Rating, Deduct	*-1,939.57*	
		For Class 54 Rating, Add	*2,670.48*	
		For Class 55 Rating, Add	*3,983.27*	
		For Class 56 Rating, Add	*5,278.42*	
40 05 19 00-0970	EA	30" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,391.87	1,412.10
		For Class 52 Rating, Deduct	*-2,007.76*	
		For Class 54 Rating, Add	*2,763.52*	
		For Class 55 Rating, Add	*4,121.62*	
		For Class 56 Rating, Add	*5,461.46*	
40 05 19 00-0971	EA	30" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,016.70	1,415.38
		For Class 52 Rating, Deduct	*-2,075.94*	
		For Class 54 Rating, Add	*2,856.56*	
		For Class 55 Rating, Add	*4,259.97*	
		For Class 56 Rating, Add	*5,644.50*	
40 05 19 00-0972	EA	30" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,641.54	1,418.66
		For Class 52 Rating, Deduct	*-2,144.13*	
		For Class 54 Rating, Add	*2,949.60*	
		For Class 55 Rating, Add	*4,398.32*	
		For Class 56 Rating, Add	*5,827.54*	
40 05 19 00-0973	EA	30" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,266.38	1,421.94
		For Class 52 Rating, Deduct	*-2,212.31*	
		For Class 54 Rating, Add	*3,042.64*	
		For Class 55 Rating, Add	*4,536.67*	
		For Class 56 Rating, Add	*6,010.58*	
40 05 19 00-0974	EA	30" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,891.22	1,425.21
		For Class 52 Rating, Deduct	*-2,280.50*	
		For Class 54 Rating, Add	*3,135.68*	
		For Class 55 Rating, Add	*4,675.02*	
		For Class 56 Rating, Add	*6,193.62*	
40 05 19 00-0975	EA	30" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,516.05	1,428.49
		For Class 52 Rating, Deduct	*-2,348.68*	
		For Class 54 Rating, Add	*3,228.72*	
		For Class 55 Rating, Add	*4,813.37*	
		For Class 56 Rating, Add	*6,376.66*	
40 05 19 00-0976	EA	30" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,140.89	1,431.76
		For Class 52 Rating, Deduct	*-2,416.87*	
		For Class 54 Rating, Add	*3,321.76*	
		For Class 55 Rating, Add	*4,951.72*	
		For Class 56 Rating, Add	*6,559.70*	
40 05 19 00-0977	EA	30" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,765.72	1,435.04
		For Class 52 Rating, Deduct	*-2,485.06*	
		For Class 54 Rating, Add	*3,414.80*	
		For Class 55 Rating, Add	*5,090.07*	
		For Class 56 Rating, Add	*6,742.74*	
40 05 19 00-0978	EA	30" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,390.56	1,438.31
		For Class 52 Rating, Deduct	*-2,553.24*	
		For Class 54 Rating, Add	*3,507.84*	
		For Class 55 Rating, Add	*5,228.42*	
		For Class 56 Rating, Add	*6,925.78*	
40 05 19 00-0979	EA	30" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,015.38	1,441.59
		For Class 52 Rating, Deduct	*-2,621.43*	
		For Class 54 Rating, Add	*3,600.88*	
		For Class 55 Rating, Add	*5,366.77*	
		For Class 56 Rating, Add	*7,108.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0980	EA	30" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,640.22	1,444.87
		For Class 52 Rating, Deduct	*-2,689.61*	
		For Class 54 Rating, Add	*3,693.92*	
		For Class 55 Rating, Add	*5,505.12*	
		For Class 56 Rating, Add	*7,291.86*	
40 05 19 00-0981	EA	30" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,265.06	1,448.15
		For Class 52 Rating, Deduct	*-2,757.80*	
		For Class 54 Rating, Add	*3,786.96*	
		For Class 55 Rating, Add	*5,643.47*	
		For Class 56 Rating, Add	*7,474.91*	
40 05 19 00-0982	EA	30" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,889.90	1,451.42
		For Class 52 Rating, Deduct	*-2,825.99*	
		For Class 54 Rating, Add	*3,880.01*	
		For Class 55 Rating, Add	*5,781.82*	
		For Class 56 Rating, Add	*7,657.95*	
40 05 19 00-0983	EA	30" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,514.74	1,454.69
		For Class 52 Rating, Deduct	*-2,894.17*	
		For Class 54 Rating, Add	*3,973.05*	
		For Class 55 Rating, Add	*5,920.17*	
		For Class 56 Rating, Add	*7,840.99*	
40 05 19 00-0984	EA	30" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,139.57	1,457.97
		For Class 52 Rating, Deduct	*-2,962.36*	
		For Class 54 Rating, Add	*4,066.09*	
		For Class 55 Rating, Add	*6,058.52*	
		For Class 56 Rating, Add	*8,024.03*	
40 05 19 00-0985	EA	30" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,764.40	1,461.25
		For Class 52 Rating, Deduct	*-3,030.54*	
		For Class 54 Rating, Add	*4,159.13*	
		For Class 55 Rating, Add	*6,196.87*	
		For Class 56 Rating, Add	*8,207.07*	
40 05 19 00-0986	EA	30" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	30,389.24	1,464.53
		For Class 52 Rating, Deduct	*-3,098.73*	
		For Class 54 Rating, Add	*4,252.17*	
		For Class 55 Rating, Add	*6,335.22*	
		For Class 56 Rating, Add	*8,390.11*	
40 05 19 00-0987	EA	30" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	31,014.08	1,467.80
		For Class 52 Rating, Deduct	*-3,166.91*	
		For Class 54 Rating, Add	*4,345.21*	
		For Class 55 Rating, Add	*6,473.57*	
		For Class 56 Rating, Add	*8,573.15*	
40 05 19 00-0988	EA	30" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	31,638.90	1,471.08
		For Class 52 Rating, Deduct	*-3,235.10*	
		For Class 54 Rating, Add	*4,438.25*	
		For Class 55 Rating, Add	*6,611.92*	
		For Class 56 Rating, Add	*8,756.19*	

40 05 19 00-0989 36" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

40 05 19 00-0990	EA	36" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,718.71	1,710.25
		For Class 52 Rating, Deduct	*-1,004.02*	
		For Class 54 Rating, Add	*1,400.21*	
		For Class 55 Rating, Add	*2,097.61*	
		For Class 56 Rating, Add	*2,785.88*	
40 05 19 00-0991	EA	36" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,566.89	1,713.53
		For Class 52 Rating, Deduct	*-1,096.77*	
		For Class 54 Rating, Add	*1,526.75*	
		For Class 55 Rating, Add	*2,285.76*	
		For Class 56 Rating, Add	*3,034.80*	
40 05 19 00-0992	EA	36" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,415.09	1,716.80
		For Class 52 Rating, Deduct	*-1,189.53*	
		For Class 54 Rating, Add	*1,653.30*	
		For Class 55 Rating, Add	*2,473.92*	
		For Class 56 Rating, Add	*3,283.74*	
40 05 19 00-0993	EA	36" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,263.27	1,720.08
		For Class 52 Rating, Deduct	*-1,282.28*	
		For Class 54 Rating, Add	*1,779.84*	
		For Class 55 Rating, Add	*2,662.08*	
		For Class 56 Rating, Add	*3,532.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0994	EA	36" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,111.47	1,723.36
		For Class 52 Rating, Deduct	*-1,375.04*	
		For Class 54 Rating, Add	*1,906.38*	
		For Class 55 Rating, Add	*2,850.24*	
		For Class 56 Rating, Add	*3,781.60*	
40 05 19 00-0995	EA	36" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,959.65	1,726.63
		For Class 52 Rating, Deduct	*-1,467.79*	
		For Class 54 Rating, Add	*2,032.92*	
		For Class 55 Rating, Add	*3,038.40*	
		For Class 56 Rating, Add	*4,030.52*	
40 05 19 00-0996	EA	36" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,807.84	1,729.91
		For Class 52 Rating, Deduct	*-1,560.54*	
		For Class 54 Rating, Add	*2,159.47*	
		For Class 55 Rating, Add	*3,226.56*	
		For Class 56 Rating, Add	*4,279.46*	
40 05 19 00-0997	EA	36" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,656.03	1,733.18
		For Class 52 Rating, Deduct	*-1,653.30*	
		For Class 54 Rating, Add	*2,286.01*	
		For Class 55 Rating, Add	*3,414.71*	
		For Class 56 Rating, Add	*4,528.38*	
40 05 19 00-0998	EA	36" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,504.22	1,736.46
		For Class 52 Rating, Deduct	*-1,746.05*	
		For Class 54 Rating, Add	*2,412.56*	
		For Class 55 Rating, Add	*3,602.87*	
		For Class 56 Rating, Add	*4,777.32*	
40 05 19 00-0999	EA	36" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,352.42	1,739.74
		For Class 52 Rating, Deduct	*-1,838.81*	
		For Class 54 Rating, Add	*2,539.10*	
		For Class 55 Rating, Add	*3,791.03*	
		For Class 56 Rating, Add	*5,026.25*	
40 05 19 00-1000	EA	36" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,200.60	1,743.02
		For Class 52 Rating, Deduct	*-1,931.56*	
		For Class 54 Rating, Add	*2,665.64*	
		For Class 55 Rating, Add	*3,979.19*	
		For Class 56 Rating, Add	*5,275.18*	
40 05 19 00-1001	EA	36" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,048.79	1,746.29
		For Class 52 Rating, Deduct	*-2,024.32*	
		For Class 54 Rating, Add	*2,792.19*	
		For Class 55 Rating, Add	*4,167.35*	
		For Class 56 Rating, Add	*5,524.11*	
40 05 19 00-1002	EA	36" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,896.98	1,749.56
		For Class 52 Rating, Deduct	*-2,117.07*	
		For Class 54 Rating, Add	*2,918.73*	
		For Class 55 Rating, Add	*4,355.51*	
		For Class 56 Rating, Add	*5,773.04*	
40 05 19 00-1003	EA	36" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,745.18	1,752.84
		For Class 52 Rating, Deduct	*-2,209.83*	
		For Class 54 Rating, Add	*3,045.27*	
		For Class 55 Rating, Add	*4,543.66*	
		For Class 56 Rating, Add	*6,021.97*	
40 05 19 00-1004	EA	36" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,593.36	1,756.12
		For Class 52 Rating, Deduct	*-2,302.58*	
		For Class 54 Rating, Add	*3,171.81*	
		For Class 55 Rating, Add	*4,731.82*	
		For Class 56 Rating, Add	*6,270.90*	
40 05 19 00-1005	EA	36" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,441.55	1,759.40
		For Class 52 Rating, Deduct	*-2,395.34*	
		For Class 54 Rating, Add	*3,298.36*	
		For Class 55 Rating, Add	*4,919.98*	
		For Class 56 Rating, Add	*6,519.83*	
40 05 19 00-1006	EA	36" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,289.73	1,762.67
		For Class 52 Rating, Deduct	*-2,488.09*	
		For Class 54 Rating, Add	*3,424.90*	
		For Class 55 Rating, Add	*5,108.14*	
		For Class 56 Rating, Add	*6,768.76*	
40 05 19 00-1007	EA	36" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,137.93	1,765.95
		For Class 52 Rating, Deduct	*-2,580.85*	
		For Class 54 Rating, Add	*3,551.45*	
		For Class 55 Rating, Add	*5,296.30*	
		For Class 56 Rating, Add	*7,017.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1008	EA	36" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,986.13	1,769.23
		For Class 52 Rating, Deduct	*-2,673.60*	
		For Class 54 Rating, Add	*3,677.99*	
		For Class 55 Rating, Add	*5,484.46*	
		For Class 56 Rating, Add	*7,266.62*	
40 05 19 00-1009	EA	36" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,834.31	1,772.50
		For Class 52 Rating, Deduct	*-2,766.36*	
		For Class 54 Rating, Add	*3,804.53*	
		For Class 55 Rating, Add	*5,672.61*	
		For Class 56 Rating, Add	*7,515.55*	
40 05 19 00-1010	EA	36" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,682.50	1,775.77
		For Class 52 Rating, Deduct	*-2,859.11*	
		For Class 54 Rating, Add	*3,931.08*	
		For Class 55 Rating, Add	*5,860.77*	
		For Class 56 Rating, Add	*7,764.48*	
40 05 19 00-1011	EA	36" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,530.69	1,779.05
		For Class 52 Rating, Deduct	*-2,951.87*	
		For Class 54 Rating, Add	*4,057.62*	
		For Class 55 Rating, Add	*6,048.93*	
		For Class 56 Rating, Add	*8,013.41*	
40 05 19 00-1012	EA	36" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	30,378.88	1,782.33
		For Class 52 Rating, Deduct	*-3,044.62*	
		For Class 54 Rating, Add	*4,184.16*	
		For Class 55 Rating, Add	*6,237.09*	
		For Class 56 Rating, Add	*8,262.34*	
40 05 19 00-1013	EA	36" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	31,227.07	1,785.61
		For Class 52 Rating, Deduct	*-3,137.38*	
		For Class 54 Rating, Add	*4,310.71*	
		For Class 55 Rating, Add	*6,425.25*	
		For Class 56 Rating, Add	*8,511.27*	
40 05 19 00-1014	EA	36" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	32,075.26	1,788.89
		For Class 52 Rating, Deduct	*-3,230.13*	
		For Class 54 Rating, Add	*4,437.25*	
		For Class 55 Rating, Add	*6,613.41*	
		For Class 56 Rating, Add	*8,760.20*	
40 05 19 00-1015	EA	36" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	32,923.45	1,792.16
		For Class 52 Rating, Deduct	*-3,322.89*	
		For Class 54 Rating, Add	*4,563.79*	
		For Class 55 Rating, Add	*6,801.57*	
		For Class 56 Rating, Add	*9,009.13*	
40 05 19 00-1016	EA	36" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	33,771.64	1,795.43
		For Class 52 Rating, Deduct	*-3,415.64*	
		For Class 54 Rating, Add	*4,690.34*	
		For Class 55 Rating, Add	*6,989.72*	
		For Class 56 Rating, Add	*9,258.06*	
40 05 19 00-1017	EA	36" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	34,619.83	1,798.71
		For Class 52 Rating, Deduct	*-3,508.40*	
		For Class 54 Rating, Add	*4,816.88*	
		For Class 55 Rating, Add	*7,177.88*	
		For Class 56 Rating, Add	*9,506.99*	
40 05 19 00-1018	EA	36" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	35,468.02	1,801.99
		For Class 52 Rating, Deduct	*-3,601.15*	
		For Class 54 Rating, Add	*4,943.42*	
		For Class 55 Rating, Add	*7,366.04*	
		For Class 56 Rating, Add	*9,755.92*	
40 05 19 00-1019	EA	36" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	36,316.21	1,805.26
		For Class 52 Rating, Deduct	*-3,693.91*	
		For Class 54 Rating, Add	*5,069.97*	
		For Class 55 Rating, Add	*7,554.20*	
		For Class 56 Rating, Add	*10,004.85*	
40 05 19 00-1020	EA	36" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	37,164.39	1,808.54
		For Class 52 Rating, Deduct	*-3,786.66*	
		For Class 54 Rating, Add	*5,196.51*	
		For Class 55 Rating, Add	*7,742.36*	
		For Class 56 Rating, Add	*10,253.78*	
40 05 19 00-1021	EA	36" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	38,012.59	1,811.82
		For Class 52 Rating, Deduct	*-3,879.42*	
		For Class 54 Rating, Add	*5,323.05*	
		For Class 55 Rating, Add	*7,930.52*	
		For Class 56 Rating, Add	*10,502.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1022	EA	36" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	38,860.78	1,815.10
		For Class 52 Rating, Deduct	*-3,972.17*	
		For Class 54 Rating, Add	*5,449.60*	
		For Class 55 Rating, Add	*8,118.67*	
		For Class 56 Rating, Add	*10,751.64*	
40 05 19 00-1023	EA	36" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	39,708.96	1,818.37
		For Class 52 Rating, Deduct	*-4,064.92*	
		For Class 54 Rating, Add	*5,576.14*	
		For Class 55 Rating, Add	*8,306.83*	
		For Class 56 Rating, Add	*11,000.57*	
40 05 19 00-1024	EA	36" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	40,557.16	1,821.64
		For Class 52 Rating, Deduct	*-4,157.68*	
		For Class 54 Rating, Add	*5,702.68*	
		For Class 55 Rating, Add	*8,494.99*	
		For Class 56 Rating, Add	*11,249.50*	
40 05 19 00-1025	EA	36" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	41,405.34	1,824.92
		For Class 52 Rating, Deduct	*-4,250.43*	
		For Class 54 Rating, Add	*5,829.23*	
		For Class 55 Rating, Add	*8,683.15*	
		For Class 56 Rating, Add	*11,498.43*	
40 05 19 00-1026	EA	36" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	42,253.54	1,828.20
		For Class 52 Rating, Deduct	*-4,343.19*	
		For Class 54 Rating, Add	*5,955.77*	
		For Class 55 Rating, Add	*8,871.31*	
		For Class 56 Rating, Add	*11,747.36*	
40 05 19 00-1027	EA	36" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	43,101.73	1,831.48
		For Class 52 Rating, Deduct	*-4,435.94*	
		For Class 54 Rating, Add	*6,082.31*	
		For Class 55 Rating, Add	*9,059.47*	
		For Class 56 Rating, Add	*11,996.29*	

40 05 19 00-1028 Flanged End x Plain End (FxPE), Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0001)*

40 05 19 00-1029 4" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1030	EA	4" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	606.67	160.23
		For Class 52 Rating, Deduct	*-40.03*	
		For Class 54 Rating, Add	*57.50*	
		For Class 55 Rating, Add	*86.97*	
		For Class 56 Rating, Add	*116.09*	
40 05 19 00-1031	EA	4" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	676.15	163.04
		For Class 52 Rating, Deduct	*-47.21*	
		For Class 54 Rating, Add	*67.34*	
		For Class 55 Rating, Add	*101.63*	
		For Class 56 Rating, Add	*135.49*	
40 05 19 00-1032	EA	4" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	745.65	165.84
		For Class 52 Rating, Deduct	*-54.38*	
		For Class 54 Rating, Add	*77.17*	
		For Class 55 Rating, Add	*116.28*	
		For Class 56 Rating, Add	*154.89*	
40 05 19 00-1033	EA	4" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	815.14	168.63
		For Class 52 Rating, Deduct	*-61.56*	
		For Class 54 Rating, Add	*87.01*	
		For Class 55 Rating, Add	*130.93*	
		For Class 56 Rating, Add	*174.29*	
40 05 19 00-1034	EA	4" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	884.64	171.43
		For Class 52 Rating, Deduct	*-68.74*	
		For Class 54 Rating, Add	*96.85*	
		For Class 55 Rating, Add	*145.58*	
		For Class 56 Rating, Add	*193.69*	
40 05 19 00-1035	EA	4" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	954.13	174.24
		For Class 52 Rating, Deduct	*-75.92*	
		For Class 54 Rating, Add	*106.69*	
		For Class 55 Rating, Add	*160.24*	
		For Class 56 Rating, Add	*213.09*	
40 05 19 00-1036	EA	4" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,023.63	177.05
		For Class 52 Rating, Deduct	*-83.09*	
		For Class 54 Rating, Add	*116.53*	
		For Class 55 Rating, Add	*174.89*	
		For Class 56 Rating, Add	*232.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1037	EA	4" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,093.13	179.84
		For Class 52 Rating, Deduct	*-90.27*	
		For Class 54 Rating, Add	*126.37*	
		For Class 55 Rating, Add	*189.54*	
		For Class 56 Rating, Add	*251.90*	
40 05 19 00-1038	EA	4" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,162.62	182.65
		For Class 52 Rating, Deduct	*-97.45*	
		For Class 54 Rating, Add	*136.20*	
		For Class 55 Rating, Add	*204.19*	
		For Class 56 Rating, Add	*271.30*	
40 05 19 00-1039	EA	4" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,232.11	185.45
		For Class 52 Rating, Deduct	*-104.63*	
		For Class 54 Rating, Add	*146.04*	
		For Class 55 Rating, Add	*218.85*	
		For Class 56 Rating, Add	*290.70*	
40 05 19 00-1040	EA	4" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,301.60	188.24
		For Class 52 Rating, Deduct	*-111.80*	
		For Class 54 Rating, Add	*155.88*	
		For Class 55 Rating, Add	*233.50*	
		For Class 56 Rating, Add	*310.10*	
40 05 19 00-1041	EA	4" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,371.10	191.05
		For Class 52 Rating, Deduct	*-118.98*	
		For Class 54 Rating, Add	*165.72*	
		For Class 55 Rating, Add	*248.15*	
		For Class 56 Rating, Add	*329.50*	
40 05 19 00-1042	EA	4" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,440.59	193.85
		For Class 52 Rating, Deduct	*-126.16*	
		For Class 54 Rating, Add	*175.56*	
		For Class 55 Rating, Add	*262.81*	
		For Class 56 Rating, Add	*348.91*	
40 05 19 00-1043	EA	4" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,510.09	196.65
		For Class 52 Rating, Deduct	*-133.34*	
		For Class 54 Rating, Add	*185.40*	
		For Class 55 Rating, Add	*277.46*	
		For Class 56 Rating, Add	*368.31*	
40 05 19 00-1044	EA	4" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,579.59	199.45
		For Class 52 Rating, Deduct	*-140.51*	
		For Class 54 Rating, Add	*195.23*	
		For Class 55 Rating, Add	*292.11*	
		For Class 56 Rating, Add	*387.71*	
40 05 19 00-1045	EA	4" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,649.08	202.25
		For Class 52 Rating, Deduct	*-147.69*	
		For Class 54 Rating, Add	*205.07*	
		For Class 55 Rating, Add	*306.76*	
		For Class 56 Rating, Add	*407.11*	
40 05 19 00-1046	EA	4" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,718.58	205.05
		For Class 52 Rating, Deduct	*-154.87*	
		For Class 54 Rating, Add	*214.91*	
		For Class 55 Rating, Add	*321.42*	
		For Class 56 Rating, Add	*426.51*	
40 05 19 00-1047	EA	4" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,788.06	207.85
		For Class 52 Rating, Deduct	*-162.05*	
		For Class 54 Rating, Add	*224.75*	
		For Class 55 Rating, Add	*336.07*	
		For Class 56 Rating, Add	*445.91*	
40 05 19 00-1048	EA	4" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,857.55	210.66
		For Class 52 Rating, Deduct	*-169.22*	
		For Class 54 Rating, Add	*234.59*	
		For Class 55 Rating, Add	*350.72*	
		For Class 56 Rating, Add	*465.31*	
40 05 19 00-1049	EA	4" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,927.04	213.46
		For Class 52 Rating, Deduct	*-176.40*	
		For Class 54 Rating, Add	*244.43*	
		For Class 55 Rating, Add	*365.37*	
		For Class 56 Rating, Add	*484.71*	
40 05 19 00-1050	EA	4" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,996.54	216.27
		For Class 52 Rating, Deduct	*-183.58*	
		For Class 54 Rating, Add	*254.26*	
		For Class 55 Rating, Add	*380.02*	
		For Class 56 Rating, Add	*504.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1051	EA	4" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,066.03	219.06
		For Class 52 Rating, Deduct	*-190.75*	
		For Class 54 Rating, Add	*264.10*	
		For Class 55 Rating, Add	*394.68*	
		For Class 56 Rating, Add	*523.52*	
40 05 19 00-1052	EA	4" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,135.53	221.86
		For Class 52 Rating, Deduct	*-197.93*	
		For Class 54 Rating, Add	*273.94*	
		For Class 55 Rating, Add	*409.33*	
		For Class 56 Rating, Add	*542.92*	
40 05 19 00-1053	EA	4" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,205.03	224.66
		For Class 52 Rating, Deduct	*-205.11*	
		For Class 54 Rating, Add	*283.78*	
		For Class 55 Rating, Add	*423.98*	
		For Class 56 Rating, Add	*562.32*	
40 05 19 00-1054	EA	4" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,274.51	227.46
		For Class 52 Rating, Deduct	*-212.29*	
		For Class 54 Rating, Add	*293.62*	
		For Class 55 Rating, Add	*438.63*	
		For Class 56 Rating, Add	*581.72*	
40 05 19 00-1055	EA	4" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,344.01	230.26
		For Class 52 Rating, Deduct	*-219.46*	
		For Class 54 Rating, Add	*303.46*	
		For Class 55 Rating, Add	*453.29*	
		For Class 56 Rating, Add	*601.12*	
40 05 19 00-1056	EA	4" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,413.50	233.06
		For Class 52 Rating, Deduct	*-226.64*	
		For Class 54 Rating, Add	*313.29*	
		For Class 55 Rating, Add	*467.94*	
		For Class 56 Rating, Add	*620.52*	
40 05 19 00-1057	EA	4" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,483.00	235.87
		For Class 52 Rating, Deduct	*-233.82*	
		For Class 54 Rating, Add	*323.13*	
		For Class 55 Rating, Add	*482.59*	
		For Class 56 Rating, Add	*639.93*	
40 05 19 00-1058	EA	4" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,552.49	238.66
		For Class 52 Rating, Deduct	*-241.00*	
		For Class 54 Rating, Add	*332.97*	
		For Class 55 Rating, Add	*497.24*	
		For Class 56 Rating, Add	*659.33*	
40 05 19 00-1059	EA	4" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,621.99	241.47
		For Class 52 Rating, Deduct	*-248.17*	
		For Class 54 Rating, Add	*342.81*	
		For Class 55 Rating, Add	*511.90*	
		For Class 56 Rating, Add	*678.73*	
40 05 19 00-1060	EA	4" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,691.49	244.28
		For Class 52 Rating, Deduct	*-255.35*	
		For Class 54 Rating, Add	*352.65*	
		For Class 55 Rating, Add	*526.55*	
		For Class 56 Rating, Add	*698.13*	
40 05 19 00-1061	EA	4" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,760.98	247.08
		For Class 52 Rating, Deduct	*-262.53*	
		For Class 54 Rating, Add	*362.49*	
		For Class 55 Rating, Add	*541.20*	
		For Class 56 Rating, Add	*717.53*	
40 05 19 00-1062	EA	4" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,830.47	249.87
		For Class 52 Rating, Deduct	*-269.71*	
		For Class 54 Rating, Add	*372.33*	
		For Class 55 Rating, Add	*555.86*	
		For Class 56 Rating, Add	*736.93*	
40 05 19 00-1063	EA	4" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,899.96	252.68
		For Class 52 Rating, Deduct	*-276.88*	
		For Class 54 Rating, Add	*382.16*	
		For Class 55 Rating, Add	*570.51*	
		For Class 56 Rating, Add	*756.34*	
40 05 19 00-1064	EA	4" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,969.46	255.48
		For Class 52 Rating, Deduct	*-284.06*	
		For Class 54 Rating, Add	*392.00*	
		For Class 55 Rating, Add	*585.16*	
		For Class 56 Rating, Add	*775.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1065	EA	4" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,038.95	258.27
		For Class 52 Rating, Deduct	*-291.24*	
		For Class 54 Rating, Add	*401.84*	
		For Class 55 Rating, Add	*599.81*	
		For Class 56 Rating, Add	*795.14*	
40 05 19 00-1066	EA	4" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,108.45	261.08
		For Class 52 Rating, Deduct	*-298.42*	
		For Class 54 Rating, Add	*411.68*	
		For Class 55 Rating, Add	*614.47*	
		For Class 56 Rating, Add	*814.54*	
40 05 19 00-1067	EA	4" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,177.95	263.88
		For Class 52 Rating, Deduct	*-305.59*	
		For Class 54 Rating, Add	*421.52*	
		For Class 55 Rating, Add	*629.12*	
		For Class 56 Rating, Add	*833.94*	
40 05 19 00-1068	EA	4" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,247.44	266.68
		For Class 52 Rating, Deduct	*-312.77*	
		For Class 54 Rating, Add	*431.36*	
		For Class 55 Rating, Add	*643.77*	
		For Class 56 Rating, Add	*853.34*	

40 05 19 00-1069 6" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1070	EA	6" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	759.84	201.70
		For Class 52 Rating, Deduct	*-49.97*	
		For Class 54 Rating, Add	*71.80*	
		For Class 55 Rating, Add	*108.63*	
		For Class 56 Rating, Add	*145.00*	
40 05 19 00-1071	EA	6" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	844.38	204.50
		For Class 52 Rating, Deduct	*-58.80*	
		For Class 54 Rating, Add	*83.90*	
		For Class 55 Rating, Add	*126.64*	
		For Class 56 Rating, Add	*168.84*	
40 05 19 00-1072	EA	6" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	928.93	207.29
		For Class 52 Rating, Deduct	*-67.63*	
		For Class 54 Rating, Add	*96.00*	
		For Class 55 Rating, Add	*144.65*	
		For Class 56 Rating, Add	*192.69*	
40 05 19 00-1073	EA	6" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,013.48	210.10
		For Class 52 Rating, Deduct	*-76.47*	
		For Class 54 Rating, Add	*108.09*	
		For Class 55 Rating, Add	*162.66*	
		For Class 56 Rating, Add	*216.53*	
40 05 19 00-1074	EA	6" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,098.04	212.90
		For Class 52 Rating, Deduct	*-85.30*	
		For Class 54 Rating, Add	*120.19*	
		For Class 55 Rating, Add	*180.67*	
		For Class 56 Rating, Add	*240.38*	
40 05 19 00-1075	EA	6" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,182.58	215.69
		For Class 52 Rating, Deduct	*-94.13*	
		For Class 54 Rating, Add	*132.29*	
		For Class 55 Rating, Add	*198.68*	
		For Class 56 Rating, Add	*264.22*	
40 05 19 00-1076	EA	6" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,267.14	218.50
		For Class 52 Rating, Deduct	*-102.97*	
		For Class 54 Rating, Add	*144.38*	
		For Class 55 Rating, Add	*216.69*	
		For Class 56 Rating, Add	*288.06*	
40 05 19 00-1077	EA	6" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,351.70	221.30
		For Class 52 Rating, Deduct	*-111.80*	
		For Class 54 Rating, Add	*156.48*	
		For Class 55 Rating, Add	*234.70*	
		For Class 56 Rating, Add	*311.91*	
40 05 19 00-1078	EA	6" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,436.25	224.10
		For Class 52 Rating, Deduct	*-120.64*	
		For Class 54 Rating, Add	*168.58*	
		For Class 55 Rating, Add	*252.71*	
		For Class 56 Rating, Add	*335.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1079	EA	6" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,520.80	226.89
		For Class 52 Rating, Deduct	*-129.47*	
		For Class 54 Rating, Add	*180.68*	
		For Class 55 Rating, Add	*270.72*	
		For Class 56 Rating, Add	*359.59*	
40 05 19 00-1080	EA	6" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,605.34	229.71
		For Class 52 Rating, Deduct	*-138.30*	
		For Class 54 Rating, Add	*192.77*	
		For Class 55 Rating, Add	*288.73*	
		For Class 56 Rating, Add	*383.44*	
40 05 19 00-1081	EA	6" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,689.90	232.51
		For Class 52 Rating, Deduct	*-147.14*	
		For Class 54 Rating, Add	*204.87*	
		For Class 55 Rating, Add	*306.74*	
		For Class 56 Rating, Add	*407.28*	
40 05 19 00-1082	EA	6" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,774.44	235.30
		For Class 52 Rating, Deduct	*-155.97*	
		For Class 54 Rating, Add	*216.97*	
		For Class 55 Rating, Add	*324.75*	
		For Class 56 Rating, Add	*431.12*	
40 05 19 00-1083	EA	6" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,859.00	238.11
		For Class 52 Rating, Deduct	*-164.81*	
		For Class 54 Rating, Add	*229.06*	
		For Class 55 Rating, Add	*342.76*	
		For Class 56 Rating, Add	*454.97*	
40 05 19 00-1084	EA	6" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,943.56	240.91
		For Class 52 Rating, Deduct	*-173.64*	
		For Class 54 Rating, Add	*241.16*	
		For Class 55 Rating, Add	*360.77*	
		For Class 56 Rating, Add	*478.81*	
40 05 19 00-1085	EA	6" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,028.11	243.71
		For Class 52 Rating, Deduct	*-182.47*	
		For Class 54 Rating, Add	*253.26*	
		For Class 55 Rating, Add	*378.79*	
		For Class 56 Rating, Add	*502.65*	
40 05 19 00-1086	EA	6" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,112.66	246.51
		For Class 52 Rating, Deduct	*-191.31*	
		For Class 54 Rating, Add	*265.35*	
		For Class 55 Rating, Add	*396.79*	
		For Class 56 Rating, Add	*526.50*	
40 05 19 00-1087	EA	6" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,197.21	249.31
		For Class 52 Rating, Deduct	*-200.14*	
		For Class 54 Rating, Add	*277.45*	
		For Class 55 Rating, Add	*414.81*	
		For Class 56 Rating, Add	*550.34*	
40 05 19 00-1088	EA	6" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,281.76	252.11
		For Class 52 Rating, Deduct	*-208.97*	
		For Class 54 Rating, Add	*289.55*	
		For Class 55 Rating, Add	*432.82*	
		For Class 56 Rating, Add	*574.18*	
40 05 19 00-1089	EA	6" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,366.30	254.92
		For Class 52 Rating, Deduct	*-217.81*	
		For Class 54 Rating, Add	*301.65*	
		For Class 55 Rating, Add	*450.83*	
		For Class 56 Rating, Add	*598.02*	
40 05 19 00-1090	EA	6" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,450.86	257.71
		For Class 52 Rating, Deduct	*-226.64*	
		For Class 54 Rating, Add	*313.74*	
		For Class 55 Rating, Add	*468.84*	
		For Class 56 Rating, Add	*621.87*	
40 05 19 00-1091	EA	6" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,535.41	260.52
		For Class 52 Rating, Deduct	*-235.48*	
		For Class 54 Rating, Add	*325.84*	
		For Class 55 Rating, Add	*486.85*	
		For Class 56 Rating, Add	*645.71*	
40 05 19 00-1092	EA	6" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,619.97	263.33
		For Class 52 Rating, Deduct	*-244.31*	
		For Class 54 Rating, Add	*337.94*	
		For Class 55 Rating, Add	*504.86*	
		For Class 56 Rating, Add	*669.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1093	EA	6" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,704.52	266.12
		For Class 52 Rating, Deduct	*-253.14*	
		For Class 54 Rating, Add	*350.03*	
		For Class 55 Rating, Add	*522.87*	
		For Class 56 Rating, Add	*693.40*	
40 05 19 00-1094	EA	6" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,789.07	268.92
		For Class 52 Rating, Deduct	*-261.98*	
		For Class 54 Rating, Add	*362.13*	
		For Class 55 Rating, Add	*540.88*	
		For Class 56 Rating, Add	*717.24*	
40 05 19 00-1095	EA	6" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,873.62	271.73
		For Class 52 Rating, Deduct	*-270.81*	
		For Class 54 Rating, Add	*374.23*	
		For Class 55 Rating, Add	*558.89*	
		For Class 56 Rating, Add	*741.09*	
40 05 19 00-1096	EA	6" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,958.16	274.53
		For Class 52 Rating, Deduct	*-279.64*	
		For Class 54 Rating, Add	*386.32*	
		For Class 55 Rating, Add	*576.90*	
		For Class 56 Rating, Add	*764.93*	
40 05 19 00-1097	EA	6" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,042.72	277.32
		For Class 52 Rating, Deduct	*-288.48*	
		For Class 54 Rating, Add	*398.42*	
		For Class 55 Rating, Add	*594.91*	
		For Class 56 Rating, Add	*788.77*	
40 05 19 00-1098	EA	6" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,127.27	280.12
		For Class 52 Rating, Deduct	*-297.31*	
		For Class 54 Rating, Add	*410.52*	
		For Class 55 Rating, Add	*612.92*	
		For Class 56 Rating, Add	*812.62*	
40 05 19 00-1099	EA	6" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,211.83	282.93
		For Class 52 Rating, Deduct	*-306.15*	
		For Class 54 Rating, Add	*422.62*	
		For Class 55 Rating, Add	*630.93*	
		For Class 56 Rating, Add	*836.46*	
40 05 19 00-1100	EA	6" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,296.38	285.72
		For Class 52 Rating, Deduct	*-314.98*	
		For Class 54 Rating, Add	*434.71*	
		For Class 55 Rating, Add	*648.94*	
		For Class 56 Rating, Add	*860.30*	
40 05 19 00-1101	EA	6" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,380.93	288.53
		For Class 52 Rating, Deduct	*-323.81*	
		For Class 54 Rating, Add	*446.81*	
		For Class 55 Rating, Add	*666.95*	
		For Class 56 Rating, Add	*884.15*	
40 05 19 00-1102	EA	6" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,465.49	291.34
		For Class 52 Rating, Deduct	*-332.65*	
		For Class 54 Rating, Add	*458.91*	
		For Class 55 Rating, Add	*684.96*	
		For Class 56 Rating, Add	*907.99*	
40 05 19 00-1103	EA	6" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,550.03	294.14
		For Class 52 Rating, Deduct	*-341.48*	
		For Class 54 Rating, Add	*471.00*	
		For Class 55 Rating, Add	*702.97*	
		For Class 56 Rating, Add	*931.84*	
40 05 19 00-1104	EA	6" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,634.58	296.93
		For Class 52 Rating, Deduct	*-350.31*	
		For Class 54 Rating, Add	*483.10*	
		For Class 55 Rating, Add	*720.98*	
		For Class 56 Rating, Add	*955.68*	
40 05 19 00-1105	EA	6" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,719.13	299.74
		For Class 52 Rating, Deduct	*-359.15*	
		For Class 54 Rating, Add	*495.20*	
		For Class 55 Rating, Add	*738.99*	
		For Class 56 Rating, Add	*979.52*	
40 05 19 00-1106	EA	6" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,803.69	302.54
		For Class 52 Rating, Deduct	*-367.98*	
		For Class 54 Rating, Add	*507.30*	
		For Class 55 Rating, Add	*757.00*	
		For Class 56 Rating, Add	*1,003.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1107	EA	6" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,888.24	305.33
		For Class 52 Rating, Deduct	*-376.82*	
		For Class 54 Rating, Add	*519.39*	
		For Class 55 Rating, Add	*775.01*	
		For Class 56 Rating, Add	*1,027.21*	
40 05 19 00-1108	EA	6" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,972.79	308.14
		For Class 52 Rating, Deduct	*-385.65*	
		For Class 54 Rating, Add	*531.49*	
		For Class 55 Rating, Add	*793.02*	
		For Class 56 Rating, Add	*1,051.05*	

40 05 19 00-1109 8" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1110	EA	8" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,050.50	257.71
		For Class 52 Rating, Deduct	*-72.60*	
		For Class 54 Rating, Add	*103.69*	
		For Class 55 Rating, Add	*156.56*	
		For Class 56 Rating, Add	*208.76*	
40 05 19 00-1111	EA	8" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,165.17	260.52
		For Class 52 Rating, Deduct	*-84.75*	
		For Class 54 Rating, Add	*120.30*	
		For Class 55 Rating, Add	*181.28*	
		For Class 56 Rating, Add	*241.49*	
40 05 19 00-1112	EA	8" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,279.84	263.33
		For Class 52 Rating, Deduct	*-96.90*	
		For Class 54 Rating, Add	*136.92*	
		For Class 55 Rating, Add	*206.01*	
		For Class 56 Rating, Add	*274.22*	
40 05 19 00-1113	EA	8" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,394.51	266.12
		For Class 52 Rating, Deduct	*-109.04*	
		For Class 54 Rating, Add	*153.53*	
		For Class 55 Rating, Add	*230.73*	
		For Class 56 Rating, Add	*306.95*	
40 05 19 00-1114	EA	8" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,509.17	268.92
		For Class 52 Rating, Deduct	*-121.19*	
		For Class 54 Rating, Add	*170.15*	
		For Class 55 Rating, Add	*255.46*	
		For Class 56 Rating, Add	*339.67*	
40 05 19 00-1115	EA	8" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,623.84	271.73
		For Class 52 Rating, Deduct	*-133.34*	
		For Class 54 Rating, Add	*186.76*	
		For Class 55 Rating, Add	*280.19*	
		For Class 56 Rating, Add	*372.40*	
40 05 19 00-1116	EA	8" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,738.50	274.53
		For Class 52 Rating, Deduct	*-145.48*	
		For Class 54 Rating, Add	*203.38*	
		For Class 55 Rating, Add	*304.91*	
		For Class 56 Rating, Add	*405.13*	
40 05 19 00-1117	EA	8" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,853.17	277.32
		For Class 52 Rating, Deduct	*-157.63*	
		For Class 54 Rating, Add	*219.99*	
		For Class 55 Rating, Add	*329.64*	
		For Class 56 Rating, Add	*437.86*	
40 05 19 00-1118	EA	8" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,967.83	280.12
		For Class 52 Rating, Deduct	*-169.77*	
		For Class 54 Rating, Add	*236.60*	
		For Class 55 Rating, Add	*354.36*	
		For Class 56 Rating, Add	*470.58*	
40 05 19 00-1119	EA	8" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,082.51	282.93
		For Class 52 Rating, Deduct	*-181.92*	
		For Class 54 Rating, Add	*253.22*	
		For Class 55 Rating, Add	*379.09*	
		For Class 56 Rating, Add	*503.31*	
40 05 19 00-1120	EA	8" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,197.18	285.72
		For Class 52 Rating, Deduct	*-194.07*	
		For Class 54 Rating, Add	*269.83*	
		For Class 55 Rating, Add	*403.82*	
		For Class 56 Rating, Add	*536.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1121	EA	8" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,311.84	288.53
		For Class 52 Rating, Deduct	*-206.21*	
		For Class 54 Rating, Add	*286.45*	
		For Class 55 Rating, Add	*428.54*	
		For Class 56 Rating, Add	*568.77*	
40 05 19 00-1122	EA	8" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,426.51	291.34
		For Class 52 Rating, Deduct	*-218.36*	
		For Class 54 Rating, Add	*303.06*	
		For Class 55 Rating, Add	*453.27*	
		For Class 56 Rating, Add	*601.49*	
40 05 19 00-1123	EA	8" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,541.17	294.14
		For Class 52 Rating, Deduct	*-230.51*	
		For Class 54 Rating, Add	*319.68*	
		For Class 55 Rating, Add	*478.00*	
		For Class 56 Rating, Add	*634.22*	
40 05 19 00-1124	EA	8" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,655.84	296.93
		For Class 52 Rating, Deduct	*-242.65*	
		For Class 54 Rating, Add	*336.29*	
		For Class 55 Rating, Add	*502.72*	
		For Class 56 Rating, Add	*666.95*	
40 05 19 00-1125	EA	8" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,770.50	299.74
		For Class 52 Rating, Deduct	*-254.80*	
		For Class 54 Rating, Add	*352.90*	
		For Class 55 Rating, Add	*527.45*	
		For Class 56 Rating, Add	*699.68*	
40 05 19 00-1126	EA	8" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,885.17	302.54
		For Class 52 Rating, Deduct	*-266.95*	
		For Class 54 Rating, Add	*369.52*	
		For Class 55 Rating, Add	*552.17*	
		For Class 56 Rating, Add	*732.40*	
40 05 19 00-1127	EA	8" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,999.85	305.33
		For Class 52 Rating, Deduct	*-279.09*	
		For Class 54 Rating, Add	*386.13*	
		For Class 55 Rating, Add	*576.90*	
		For Class 56 Rating, Add	*765.13*	
40 05 19 00-1128	EA	8" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,114.51	308.14
		For Class 52 Rating, Deduct	*-291.24*	
		For Class 54 Rating, Add	*402.75*	
		For Class 55 Rating, Add	*601.63*	
		For Class 56 Rating, Add	*797.86*	
40 05 19 00-1129	EA	8" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,229.18	310.94
		For Class 52 Rating, Deduct	*-303.39*	
		For Class 54 Rating, Add	*419.36*	
		For Class 55 Rating, Add	*626.35*	
		For Class 56 Rating, Add	*830.59*	
40 05 19 00-1130	EA	8" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,343.84	313.74
		For Class 52 Rating, Deduct	*-315.53*	
		For Class 54 Rating, Add	*435.97*	
		For Class 55 Rating, Add	*651.08*	
		For Class 56 Rating, Add	*863.31*	
40 05 19 00-1131	EA	8" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,458.51	316.54
		For Class 52 Rating, Deduct	*-327.68*	
		For Class 54 Rating, Add	*452.59*	
		For Class 55 Rating, Add	*675.81*	
		For Class 56 Rating, Add	*896.04*	
40 05 19 00-1132	EA	8" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,573.17	319.35
		For Class 52 Rating, Deduct	*-339.83*	
		For Class 54 Rating, Add	*469.20*	
		For Class 55 Rating, Add	*700.53*	
		For Class 56 Rating, Add	*928.77*	
40 05 19 00-1133	EA	8" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,687.84	322.15
		For Class 52 Rating, Deduct	*-351.97*	
		For Class 54 Rating, Add	*485.82*	
		For Class 55 Rating, Add	*725.26*	
		For Class 56 Rating, Add	*961.49*	
40 05 19 00-1134	EA	8" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,802.50	324.96
		For Class 52 Rating, Deduct	*-364.12*	
		For Class 54 Rating, Add	*502.43*	
		For Class 55 Rating, Add	*749.98*	
		For Class 56 Rating, Add	*994.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1135	EA	8" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,917.17	327.75
		For Class 52 Rating, Deduct	*-376.26*	
		For Class 54 Rating, Add	*519.05*	
		For Class 55 Rating, Add	*774.71*	
		For Class 56 Rating, Add	*1,026.95*	
40 05 19 00-1136	EA	8" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,031.85	330.55
		For Class 52 Rating, Deduct	*-388.41*	
		For Class 54 Rating, Add	*535.66*	
		For Class 55 Rating, Add	*799.44*	
		For Class 56 Rating, Add	*1,059.68*	
40 05 19 00-1137	EA	8" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,146.51	333.36
		For Class 52 Rating, Deduct	*-400.56*	
		For Class 54 Rating, Add	*552.28*	
		For Class 55 Rating, Add	*824.16*	
		For Class 56 Rating, Add	*1,092.40*	
40 05 19 00-1138	EA	8" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,261.18	336.15
		For Class 52 Rating, Deduct	*-412.70*	
		For Class 54 Rating, Add	*568.89*	
		For Class 55 Rating, Add	*848.89*	
		For Class 56 Rating, Add	*1,125.13*	
40 05 19 00-1139	EA	8" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,375.83	338.95
		For Class 52 Rating, Deduct	*-424.85*	
		For Class 54 Rating, Add	*585.50*	
		For Class 55 Rating, Add	*873.61*	
		For Class 56 Rating, Add	*1,157.86*	
40 05 19 00-1140	EA	8" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,490.51	341.75
		For Class 52 Rating, Deduct	*-437.00*	
		For Class 54 Rating, Add	*602.12*	
		For Class 55 Rating, Add	*898.34*	
		For Class 56 Rating, Add	*1,190.59*	
40 05 19 00-1141	EA	8" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,605.17	344.56
		For Class 52 Rating, Deduct	*-449.14*	
		For Class 54 Rating, Add	*618.73*	
		For Class 55 Rating, Add	*923.06*	
		For Class 56 Rating, Add	*1,223.31*	
40 05 19 00-1142	EA	8" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,719.84	347.35
		For Class 52 Rating, Deduct	*-461.29*	
		For Class 54 Rating, Add	*635.35*	
		For Class 55 Rating, Add	*947.79*	
		For Class 56 Rating, Add	*1,256.04*	
40 05 19 00-1143	EA	8" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,834.51	350.16
		For Class 52 Rating, Deduct	*-473.44*	
		For Class 54 Rating, Add	*651.96*	
		For Class 55 Rating, Add	*972.52*	
		For Class 56 Rating, Add	*1,288.77*	
40 05 19 00-1144	EA	8" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,949.18	352.97
		For Class 52 Rating, Deduct	*-485.58*	
		For Class 54 Rating, Add	*668.58*	
		For Class 55 Rating, Add	*997.24*	
		For Class 56 Rating, Add	*1,321.50*	
40 05 19 00-1145	EA	8" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,063.85	355.76
		For Class 52 Rating, Deduct	*-497.73*	
		For Class 54 Rating, Add	*685.19*	
		For Class 55 Rating, Add	*1,021.97*	
		For Class 56 Rating, Add	*1,354.22*	
40 05 19 00-1146	EA	8" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,178.51	358.56
		For Class 52 Rating, Deduct	*-509.88*	
		For Class 54 Rating, Add	*701.80*	
		For Class 55 Rating, Add	*1,046.70*	
		For Class 56 Rating, Add	*1,386.95*	
40 05 19 00-1147	EA	8" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,293.17	361.37
		For Class 52 Rating, Deduct	*-522.02*	
		For Class 54 Rating, Add	*718.42*	
		For Class 55 Rating, Add	*1,071.42*	
		For Class 56 Rating, Add	*1,419.68*	
40 05 19 00-1148	EA	8" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,407.84	364.17
		For Class 52 Rating, Deduct	*-534.17*	
		For Class 54 Rating, Add	*735.03*	
		For Class 55 Rating, Add	*1,096.15*	
		For Class 56 Rating, Add	*1,452.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1149		10" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*		
40 05 19 00-1150	EA	10" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,326.12	313.74
		For Class 52 Rating, Deduct	*-93.58*	
		For Class 54 Rating, Add	*133.32*	
		For Class 55 Rating, Add	*201.13*	
		For Class 56 Rating, Add	*268.08*	
40 05 19 00-1151	EA	10" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,475.92	316.54
		For Class 52 Rating, Deduct	*-109.59*	
		For Class 54 Rating, Add	*155.20*	
		For Class 55 Rating, Add	*233.69*	
		For Class 56 Rating, Add	*311.18*	
40 05 19 00-1152	EA	10" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,625.72	319.35
		For Class 52 Rating, Deduct	*-125.61*	
		For Class 54 Rating, Add	*177.09*	
		For Class 55 Rating, Add	*266.25*	
		For Class 56 Rating, Add	*354.27*	
40 05 19 00-1153	EA	10" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,775.52	322.15
		For Class 52 Rating, Deduct	*-141.62*	
		For Class 54 Rating, Add	*198.97*	
		For Class 55 Rating, Add	*298.81*	
		For Class 56 Rating, Add	*397.36*	
40 05 19 00-1154	EA	10" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,925.32	324.96
		For Class 52 Rating, Deduct	*-157.63*	
		For Class 54 Rating, Add	*220.86*	
		For Class 55 Rating, Add	*331.37*	
		For Class 56 Rating, Add	*440.45*	
40 05 19 00-1155	EA	10" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,075.13	327.75
		For Class 52 Rating, Deduct	*-173.64*	
		For Class 54 Rating, Add	*242.74*	
		For Class 55 Rating, Add	*363.93*	
		For Class 56 Rating, Add	*483.55*	
40 05 19 00-1156	EA	10" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,224.94	330.55
		For Class 52 Rating, Deduct	*-189.65*	
		For Class 54 Rating, Add	*264.63*	
		For Class 55 Rating, Add	*396.49*	
		For Class 56 Rating, Add	*526.64*	
40 05 19 00-1157	EA	10" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,374.73	333.36
		For Class 52 Rating, Deduct	*-205.66*	
		For Class 54 Rating, Add	*286.51*	
		For Class 55 Rating, Add	*429.05*	
		For Class 56 Rating, Add	*569.73*	
40 05 19 00-1158	EA	10" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,524.54	336.15
		For Class 52 Rating, Deduct	*-221.67*	
		For Class 54 Rating, Add	*308.39*	
		For Class 55 Rating, Add	*461.62*	
		For Class 56 Rating, Add	*612.82*	
40 05 19 00-1159	EA	10" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,674.33	338.95
		For Class 52 Rating, Deduct	*-237.68*	
		For Class 54 Rating, Add	*330.28*	
		For Class 55 Rating, Add	*494.18*	
		For Class 56 Rating, Add	*655.92*	
40 05 19 00-1160	EA	10" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,824.13	341.75
		For Class 52 Rating, Deduct	*-253.70*	
		For Class 54 Rating, Add	*352.16*	
		For Class 55 Rating, Add	*526.74*	
		For Class 56 Rating, Add	*699.01*	
40 05 19 00-1161	EA	10" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,973.93	344.56
		For Class 52 Rating, Deduct	*-269.71*	
		For Class 54 Rating, Add	*374.05*	
		For Class 55 Rating, Add	*559.30*	
		For Class 56 Rating, Add	*742.10*	
40 05 19 00-1162	EA	10" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,123.74	347.35
		For Class 52 Rating, Deduct	*-285.72*	
		For Class 54 Rating, Add	*395.93*	
		For Class 55 Rating, Add	*591.86*	
		For Class 56 Rating, Add	*785.19*	
40 05 19 00-1163	EA	10" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,273.54	350.16
		For Class 52 Rating, Deduct	*-301.73*	
		For Class 54 Rating, Add	*417.82*	
		For Class 55 Rating, Add	*624.42*	
		For Class 56 Rating, Add	*828.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1164	EA	10" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,423.34	352.97
		For Class 52 Rating, Deduct	*-317.74*	
		For Class 54 Rating, Add	*439.70*	
		For Class 55 Rating, Add	*656.98*	
		For Class 56 Rating, Add	*871.37*	
40 05 19 00-1165	EA	10" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,573.15	355.76
		For Class 52 Rating, Deduct	*-333.75*	
		For Class 54 Rating, Add	*461.58*	
		For Class 55 Rating, Add	*689.54*	
		For Class 56 Rating, Add	*914.47*	
40 05 19 00-1166	EA	10" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,722.94	358.56
		For Class 52 Rating, Deduct	*-349.76*	
		For Class 54 Rating, Add	*483.47*	
		For Class 55 Rating, Add	*722.10*	
		For Class 56 Rating, Add	*957.56*	
40 05 19 00-1167	EA	10" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,872.74	361.37
		For Class 52 Rating, Deduct	*-365.77*	
		For Class 54 Rating, Add	*505.35*	
		For Class 55 Rating, Add	*754.66*	
		For Class 56 Rating, Add	*1,000.65*	
40 05 19 00-1168	EA	10" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,022.54	364.17
		For Class 52 Rating, Deduct	*-381.79*	
		For Class 54 Rating, Add	*527.24*	
		For Class 55 Rating, Add	*787.23*	
		For Class 56 Rating, Add	*1,043.74*	
40 05 19 00-1169	EA	10" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,172.34	366.96
		For Class 52 Rating, Deduct	*-397.80*	
		For Class 54 Rating, Add	*549.12*	
		For Class 55 Rating, Add	*819.79*	
		For Class 56 Rating, Add	*1,086.83*	
40 05 19 00-1170	EA	10" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,322.14	369.77
		For Class 52 Rating, Deduct	*-413.81*	
		For Class 54 Rating, Add	*571.01*	
		For Class 55 Rating, Add	*852.35*	
		For Class 56 Rating, Add	*1,129.93*	
40 05 19 00-1171	EA	10" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,471.95	372.57
		For Class 52 Rating, Deduct	*-429.82*	
		For Class 54 Rating, Add	*592.89*	
		For Class 55 Rating, Add	*884.91*	
		For Class 56 Rating, Add	*1,173.02*	
40 05 19 00-1172	EA	10" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,621.75	375.36
		For Class 52 Rating, Deduct	*-445.83*	
		For Class 54 Rating, Add	*614.78*	
		For Class 55 Rating, Add	*917.47*	
		For Class 56 Rating, Add	*1,216.11*	
40 05 19 00-1173	EA	10" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,771.55	378.16
		For Class 52 Rating, Deduct	*-461.84*	
		For Class 54 Rating, Add	*636.66*	
		For Class 55 Rating, Add	*950.03*	
		For Class 56 Rating, Add	*1,259.20*	
40 05 19 00-1174	EA	10" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,921.35	380.98
		For Class 52 Rating, Deduct	*-477.85*	
		For Class 54 Rating, Add	*658.54*	
		For Class 55 Rating, Add	*982.59*	
		For Class 56 Rating, Add	*1,302.30*	
40 05 19 00-1175	EA	10" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,071.14	383.78
		For Class 52 Rating, Deduct	*-493.86*	
		For Class 54 Rating, Add	*680.43*	
		For Class 55 Rating, Add	*1,015.15*	
		For Class 56 Rating, Add	*1,345.39*	
40 05 19 00-1176	EA	10" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,220.95	386.57
		For Class 52 Rating, Deduct	*-509.88*	
		For Class 54 Rating, Add	*702.31*	
		For Class 55 Rating, Add	*1,047.71*	
		For Class 56 Rating, Add	*1,388.48*	
40 05 19 00-1177	EA	10" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,370.75	389.38
		For Class 52 Rating, Deduct	*-525.89*	
		For Class 54 Rating, Add	*724.20*	
		For Class 55 Rating, Add	*1,080.28*	
		For Class 56 Rating, Add	*1,431.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1178	EA	10" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,520.55	392.18
		For Class 52 Rating, Deduct	*-541.90*	
		For Class 54 Rating, Add	*746.08*	
		For Class 55 Rating, Add	*1,112.83*	
		For Class 56 Rating, Add	*1,474.66*	
40 05 19 00-1179	EA	10" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,670.36	394.98
		For Class 52 Rating, Deduct	*-557.91*	
		For Class 54 Rating, Add	*767.97*	
		For Class 55 Rating, Add	*1,145.40*	
		For Class 56 Rating, Add	*1,517.76*	
40 05 19 00-1180	EA	10" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,820.16	397.78
		For Class 52 Rating, Deduct	*-573.92*	
		For Class 54 Rating, Add	*789.85*	
		For Class 55 Rating, Add	*1,177.96*	
		For Class 56 Rating, Add	*1,560.85*	
40 05 19 00-1181	EA	10" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,969.97	400.58
		For Class 52 Rating, Deduct	*-589.93*	
		For Class 54 Rating, Add	*811.74*	
		For Class 55 Rating, Add	*1,210.52*	
		For Class 56 Rating, Add	*1,603.94*	
40 05 19 00-1182	EA	10" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,119.75	403.38
		For Class 52 Rating, Deduct	*-605.94*	
		For Class 54 Rating, Add	*833.62*	
		For Class 55 Rating, Add	*1,243.08*	
		For Class 56 Rating, Add	*1,647.03*	
40 05 19 00-1183	EA	10" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,269.56	406.18
		For Class 52 Rating, Deduct	*-621.95*	
		For Class 54 Rating, Add	*855.50*	
		For Class 55 Rating, Add	*1,275.64*	
		For Class 56 Rating, Add	*1,690.12*	
40 05 19 00-1184	EA	10" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,419.36	408.98
		For Class 52 Rating, Deduct	*-637.97*	
		For Class 54 Rating, Add	*877.39*	
		For Class 55 Rating, Add	*1,308.20*	
		For Class 56 Rating, Add	*1,733.22*	
40 05 19 00-1185	EA	10" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,569.16	411.79
		For Class 52 Rating, Deduct	*-653.98*	
		For Class 54 Rating, Add	*899.27*	
		For Class 55 Rating, Add	*1,340.76*	
		For Class 56 Rating, Add	*1,776.31*	
40 05 19 00-1186	EA	10" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,718.97	414.60
		For Class 52 Rating, Deduct	*-669.99*	
		For Class 54 Rating, Add	*921.16*	
		For Class 55 Rating, Add	*1,373.32*	
		For Class 56 Rating, Add	*1,819.40*	
40 05 19 00-1187	EA	10" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,868.77	417.39
		For Class 52 Rating, Deduct	*-686.00*	
		For Class 54 Rating, Add	*943.04*	
		For Class 55 Rating, Add	*1,405.89*	
		For Class 56 Rating, Add	*1,862.49*	
40 05 19 00-1188	EA	10" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,018.57	420.19
		For Class 52 Rating, Deduct	*-702.01*	
		For Class 54 Rating, Add	*964.93*	
		For Class 55 Rating, Add	*1,438.45*	
		For Class 56 Rating, Add	*1,905.58*	
40 05 19 00-1189		12" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*		
40 05 19 00-1190	EA	12" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,728.55	392.18
		For Class 52 Rating, Deduct	*-124.78*	
		For Class 54 Rating, Add	*177.28*	
		For Class 55 Rating, Add	*267.22*	
		For Class 56 Rating, Add	*356.02*	
40 05 19 00-1191	EA	12" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,916.00	394.98
		For Class 52 Rating, Deduct	*-144.93*	
		For Class 54 Rating, Add	*204.81*	
		For Class 55 Rating, Add	*308.17*	
		For Class 56 Rating, Add	*410.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1192	EA	12" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,103.44	397.78
		For Class 52 Rating, Deduct	*-165.08*	
		For Class 54 Rating, Add	*232.34*	
		For Class 55 Rating, Add	*349.13*	
		For Class 56 Rating, Add	*464.42*	
40 05 19 00-1193	EA	12" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,290.89	400.58
		For Class 52 Rating, Deduct	*-185.23*	
		For Class 54 Rating, Add	*259.87*	
		For Class 55 Rating, Add	*390.09*	
		For Class 56 Rating, Add	*518.61*	
40 05 19 00-1194	EA	12" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,478.32	403.38
		For Class 52 Rating, Deduct	*-205.39*	
		For Class 54 Rating, Add	*287.41*	
		For Class 55 Rating, Add	*431.04*	
		For Class 56 Rating, Add	*572.81*	
40 05 19 00-1195	EA	12" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,665.77	406.18
		For Class 52 Rating, Deduct	*-225.54*	
		For Class 54 Rating, Add	*314.94*	
		For Class 55 Rating, Add	*472.00*	
		For Class 56 Rating, Add	*627.01*	
40 05 19 00-1196	EA	12" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,853.21	408.98
		For Class 52 Rating, Deduct	*-245.69*	
		For Class 54 Rating, Add	*342.47*	
		For Class 55 Rating, Add	*512.95*	
		For Class 56 Rating, Add	*681.20*	
40 05 19 00-1197	EA	12" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,040.66	411.79
		For Class 52 Rating, Deduct	*-265.84*	
		For Class 54 Rating, Add	*370.00*	
		For Class 55 Rating, Add	*553.91*	
		For Class 56 Rating, Add	*735.40*	
40 05 19 00-1198	EA	12" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,228.12	414.60
		For Class 52 Rating, Deduct	*-285.99*	
		For Class 54 Rating, Add	*397.53*	
		For Class 55 Rating, Add	*594.86*	
		For Class 56 Rating, Add	*789.60*	
40 05 19 00-1199	EA	12" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,415.56	417.39
		For Class 52 Rating, Deduct	*-306.15*	
		For Class 54 Rating, Add	*425.06*	
		For Class 55 Rating, Add	*635.82*	
		For Class 56 Rating, Add	*843.80*	
40 05 19 00-1200	EA	12" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,603.01	420.19
		For Class 52 Rating, Deduct	*-326.30*	
		For Class 54 Rating, Add	*452.59*	
		For Class 55 Rating, Add	*676.78*	
		For Class 56 Rating, Add	*897.99*	
40 05 19 00-1201	EA	12" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,790.45	423.00
		For Class 52 Rating, Deduct	*-346.45*	
		For Class 54 Rating, Add	*480.12*	
		For Class 55 Rating, Add	*717.73*	
		For Class 56 Rating, Add	*952.19*	
40 05 19 00-1202	EA	12" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,977.89	425.79
		For Class 52 Rating, Deduct	*-366.60*	
		For Class 54 Rating, Add	*507.65*	
		For Class 55 Rating, Add	*758.69*	
		For Class 56 Rating, Add	*1,006.39*	
40 05 19 00-1203	EA	12" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,165.33	428.59
		For Class 52 Rating, Deduct	*-386.75*	
		For Class 54 Rating, Add	*535.19*	
		For Class 55 Rating, Add	*799.64*	
		For Class 56 Rating, Add	*1,060.58*	
40 05 19 00-1204	EA	12" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,352.78	431.40
		For Class 52 Rating, Deduct	*-406.91*	
		For Class 54 Rating, Add	*562.72*	
		For Class 55 Rating, Add	*840.60*	
		For Class 56 Rating, Add	*1,114.78*	
40 05 19 00-1205	EA	12" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,540.22	434.20
		For Class 52 Rating, Deduct	*-427.06*	
		For Class 54 Rating, Add	*590.25*	
		For Class 55 Rating, Add	*881.55*	
		For Class 56 Rating, Add	*1,168.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1206	EA	12" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,727.67	436.99
		For Class 52 Rating, Deduct	*-447.21*	
		For Class 54 Rating, Add	*617.78*	
		For Class 55 Rating, Add	*922.51*	
		For Class 56 Rating, Add	*1,223.17*	
40 05 19 00-1207	EA	12" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,915.12	439.80
		For Class 52 Rating, Deduct	*-467.36*	
		For Class 54 Rating, Add	*645.31*	
		For Class 55 Rating, Add	*963.46*	
		For Class 56 Rating, Add	*1,277.37*	
40 05 19 00-1208	EA	12" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,102.56	442.61
		For Class 52 Rating, Deduct	*-487.51*	
		For Class 54 Rating, Add	*672.84*	
		For Class 55 Rating, Add	*1,004.42*	
		For Class 56 Rating, Add	*1,331.57*	
40 05 19 00-1209	EA	12" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,290.01	445.40
		For Class 52 Rating, Deduct	*-507.67*	
		For Class 54 Rating, Add	*700.37*	
		For Class 55 Rating, Add	*1,045.38*	
		For Class 56 Rating, Add	*1,385.76*	
40 05 19 00-1210	EA	12" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,477.45	448.20
		For Class 52 Rating, Deduct	*-527.82*	
		For Class 54 Rating, Add	*727.90*	
		For Class 55 Rating, Add	*1,086.33*	
		For Class 56 Rating, Add	*1,439.96*	
40 05 19 00-1211	EA	12" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,664.90	451.01
		For Class 52 Rating, Deduct	*-547.97*	
		For Class 54 Rating, Add	*755.43*	
		For Class 55 Rating, Add	*1,127.29*	
		For Class 56 Rating, Add	*1,494.16*	
40 05 19 00-1212	EA	12" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,852.34	453.81
		For Class 52 Rating, Deduct	*-568.12*	
		For Class 54 Rating, Add	*782.96*	
		For Class 55 Rating, Add	*1,168.24*	
		For Class 56 Rating, Add	*1,548.36*	
40 05 19 00-1213	EA	12" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,039.79	456.60
		For Class 52 Rating, Deduct	*-588.28*	
		For Class 54 Rating, Add	*810.50*	
		For Class 55 Rating, Add	*1,209.20*	
		For Class 56 Rating, Add	*1,602.55*	
40 05 19 00-1214	EA	12" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,227.24	459.41
		For Class 52 Rating, Deduct	*-608.43*	
		For Class 54 Rating, Add	*838.03*	
		For Class 55 Rating, Add	*1,250.15*	
		For Class 56 Rating, Add	*1,656.75*	
40 05 19 00-1215	EA	12" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,414.68	462.21
		For Class 52 Rating, Deduct	*-628.58*	
		For Class 54 Rating, Add	*865.56*	
		For Class 55 Rating, Add	*1,291.11*	
		For Class 56 Rating, Add	*1,710.95*	
40 05 19 00-1216	EA	12" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,602.13	465.01
		For Class 52 Rating, Deduct	*-648.73*	
		For Class 54 Rating, Add	*893.09*	
		For Class 55 Rating, Add	*1,332.07*	
		For Class 56 Rating, Add	*1,765.14*	
40 05 19 00-1217	EA	12" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,789.56	467.81
		For Class 52 Rating, Deduct	*-668.88*	
		For Class 54 Rating, Add	*920.62*	
		For Class 55 Rating, Add	*1,373.02*	
		For Class 56 Rating, Add	*1,819.34*	
40 05 19 00-1218	EA	12" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,977.01	470.62
		For Class 52 Rating, Deduct	*-689.04*	
		For Class 54 Rating, Add	*948.15*	
		For Class 55 Rating, Add	*1,413.98*	
		For Class 56 Rating, Add	*1,873.54*	
40 05 19 00-1219	EA	12" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,164.45	473.42
		For Class 52 Rating, Deduct	*-709.19*	
		For Class 54 Rating, Add	*975.68*	
		For Class 55 Rating, Add	*1,454.93*	
		For Class 56 Rating, Add	*1,927.73*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1220	EA	12" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,351.90	476.21
		For Class 52 Rating, Deduct	*-729.34*	
		For Class 54 Rating, Add	*1,003.21*	
		For Class 55 Rating, Add	*1,495.89*	
		For Class 56 Rating, Add	*1,981.93*	
40 05 19 00-1221	EA	12" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,539.34	479.02
		For Class 52 Rating, Deduct	*-749.49*	
		For Class 54 Rating, Add	*1,030.74*	
		For Class 55 Rating, Add	*1,536.84*	
		For Class 56 Rating, Add	*2,036.13*	
40 05 19 00-1222	EA	12" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,726.79	481.82
		For Class 52 Rating, Deduct	*-769.64*	
		For Class 54 Rating, Add	*1,058.27*	
		For Class 55 Rating, Add	*1,577.80*	
		For Class 56 Rating, Add	*2,090.33*	
40 05 19 00-1223	EA	12" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,914.25	484.63
		For Class 52 Rating, Deduct	*-789.80*	
		For Class 54 Rating, Add	*1,085.81*	
		For Class 55 Rating, Add	*1,618.76*	
		For Class 56 Rating, Add	*2,144.53*	
40 05 19 00-1224	EA	12" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,101.69	487.42
		For Class 52 Rating, Deduct	*-809.95*	
		For Class 54 Rating, Add	*1,113.34*	
		For Class 55 Rating, Add	*1,659.71*	
		For Class 56 Rating, Add	*2,198.72*	
40 05 19 00-1225	EA	12" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,289.13	490.22
		For Class 52 Rating, Deduct	*-830.10*	
		For Class 54 Rating, Add	*1,140.87*	
		For Class 55 Rating, Add	*1,700.67*	
		For Class 56 Rating, Add	*2,252.92*	
40 05 19 00-1226	EA	12" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,476.57	493.02
		For Class 52 Rating, Deduct	*-850.25*	
		For Class 54 Rating, Add	*1,168.40*	
		For Class 55 Rating, Add	*1,741.62*	
		For Class 56 Rating, Add	*2,307.12*	
40 05 19 00-1227	EA	12" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,664.02	495.82
		For Class 52 Rating, Deduct	*-870.40*	
		For Class 54 Rating, Add	*1,195.93*	
		For Class 55 Rating, Add	*1,782.58*	
		For Class 56 Rating, Add	*2,361.31*	
40 05 19 00-1228	EA	12" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,851.46	498.62
		For Class 52 Rating, Deduct	*-890.56*	
		For Class 54 Rating, Add	*1,223.46*	
		For Class 55 Rating, Add	*1,823.53*	
		For Class 56 Rating, Add	*2,415.51*	

40 05 19 00-1229 14" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1230	EA	14" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,331.74	470.62
		For Class 52 Rating, Deduct	*-178.06*	
		For Class 54 Rating, Add	*251.36*	
		For Class 55 Rating, Add	*378.08*	
		For Class 56 Rating, Add	*503.18*	
40 05 19 00-1231	EA	14" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,559.34	473.42
		For Class 52 Rating, Deduct	*-202.63*	
		For Class 54 Rating, Add	*284.91*	
		For Class 55 Rating, Add	*427.99*	
		For Class 56 Rating, Add	*569.23*	
40 05 19 00-1232	EA	14" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,786.94	476.21
		For Class 52 Rating, Deduct	*-227.19*	
		For Class 54 Rating, Add	*318.47*	
		For Class 55 Rating, Add	*477.90*	
		For Class 56 Rating, Add	*635.27*	
40 05 19 00-1233	EA	14" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,014.54	479.02
		For Class 52 Rating, Deduct	*-251.76*	
		For Class 54 Rating, Add	*352.02*	
		For Class 55 Rating, Add	*527.81*	
		For Class 56 Rating, Add	*701.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1234	EA	14" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,242.14	481.82
		For Class 52 Rating, Deduct	*-276.33*	
		For Class 54 Rating, Add	*385.58*	
		For Class 55 Rating, Add	*577.72*	
		For Class 56 Rating, Add	*767.35*	
40 05 19 00-1235	EA	14" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,469.74	484.63
		For Class 52 Rating, Deduct	*-300.90*	
		For Class 54 Rating, Add	*419.13*	
		For Class 55 Rating, Add	*627.63*	
		For Class 56 Rating, Add	*833.39*	
40 05 19 00-1236	EA	14" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,697.34	487.42
		For Class 52 Rating, Deduct	*-325.47*	
		For Class 54 Rating, Add	*452.69*	
		For Class 55 Rating, Add	*677.54*	
		For Class 56 Rating, Add	*899.44*	
40 05 19 00-1237	EA	14" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,924.93	490.22
		For Class 52 Rating, Deduct	*-350.04*	
		For Class 54 Rating, Add	*486.24*	
		For Class 55 Rating, Add	*727.45*	
		For Class 56 Rating, Add	*965.48*	
40 05 19 00-1238	EA	14" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,152.53	493.02
		For Class 52 Rating, Deduct	*-374.61*	
		For Class 54 Rating, Add	*519.79*	
		For Class 55 Rating, Add	*777.36*	
		For Class 56 Rating, Add	*1,031.52*	
40 05 19 00-1239	EA	14" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,380.13	495.82
		For Class 52 Rating, Deduct	*-399.18*	
		For Class 54 Rating, Add	*553.35*	
		For Class 55 Rating, Add	*827.27*	
		For Class 56 Rating, Add	*1,097.56*	
40 05 19 00-1240	EA	14" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,607.73	498.62
		For Class 52 Rating, Deduct	*-423.75*	
		For Class 54 Rating, Add	*586.90*	
		For Class 55 Rating, Add	*877.18*	
		For Class 56 Rating, Add	*1,163.61*	
40 05 19 00-1241	EA	14" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,835.33	501.43
		For Class 52 Rating, Deduct	*-448.31*	
		For Class 54 Rating, Add	*620.46*	
		For Class 55 Rating, Add	*927.09*	
		For Class 56 Rating, Add	*1,229.65*	
40 05 19 00-1242	EA	14" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,062.93	504.24
		For Class 52 Rating, Deduct	*-472.88*	
		For Class 54 Rating, Add	*654.01*	
		For Class 55 Rating, Add	*977.00*	
		For Class 56 Rating, Add	*1,295.69*	
40 05 19 00-1243	EA	14" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,290.53	507.03
		For Class 52 Rating, Deduct	*-497.45*	
		For Class 54 Rating, Add	*687.56*	
		For Class 55 Rating, Add	*1,026.91*	
		For Class 56 Rating, Add	*1,361.73*	
40 05 19 00-1244	EA	14" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,518.13	509.83
		For Class 52 Rating, Deduct	*-522.02*	
		For Class 54 Rating, Add	*721.12*	
		For Class 55 Rating, Add	*1,076.82*	
		For Class 56 Rating, Add	*1,427.78*	
40 05 19 00-1245	EA	14" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,745.72	512.64
		For Class 52 Rating, Deduct	*-546.59*	
		For Class 54 Rating, Add	*754.67*	
		For Class 55 Rating, Add	*1,126.73*	
		For Class 56 Rating, Add	*1,493.82*	
40 05 19 00-1246	EA	14" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,973.32	515.43
		For Class 52 Rating, Deduct	*-571.16*	
		For Class 54 Rating, Add	*788.23*	
		For Class 55 Rating, Add	*1,176.64*	
		For Class 56 Rating, Add	*1,559.86*	
40 05 19 00-1247	EA	14" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,200.92	518.23
		For Class 52 Rating, Deduct	*-595.73*	
		For Class 54 Rating, Add	*821.78*	
		For Class 55 Rating, Add	*1,226.55*	
		For Class 56 Rating, Add	*1,625.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1248	EA	14" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,428.52	521.04
		For Class 52 Rating, Deduct	*-620.30*	
		For Class 54 Rating, Add	*855.33*	
		For Class 55 Rating, Add	*1,276.46*	
		For Class 56 Rating, Add	*1,691.95*	
40 05 19 00-1249	EA	14" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,656.13	523.84
		For Class 52 Rating, Deduct	*-644.87*	
		For Class 54 Rating, Add	*888.89*	
		For Class 55 Rating, Add	*1,326.37*	
		For Class 56 Rating, Add	*1,757.99*	
40 05 19 00-1250	EA	14" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,883.72	526.63
		For Class 52 Rating, Deduct	*-669.44*	
		For Class 54 Rating, Add	*922.44*	
		For Class 55 Rating, Add	*1,376.28*	
		For Class 56 Rating, Add	*1,824.03*	
40 05 19 00-1251	EA	14" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,111.32	529.44
		For Class 52 Rating, Deduct	*-694.00*	
		For Class 54 Rating, Add	*956.00*	
		For Class 55 Rating, Add	*1,426.19*	
		For Class 56 Rating, Add	*1,890.07*	
40 05 19 00-1252	EA	14" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,338.92	532.25
		For Class 52 Rating, Deduct	*-718.57*	
		For Class 54 Rating, Add	*989.55*	
		For Class 55 Rating, Add	*1,476.10*	
		For Class 56 Rating, Add	*1,956.12*	
40 05 19 00-1253	EA	14" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,566.51	535.05
		For Class 52 Rating, Deduct	*-743.14*	
		For Class 54 Rating, Add	*1,023.10*	
		For Class 55 Rating, Add	*1,526.01*	
		For Class 56 Rating, Add	*2,022.16*	
40 05 19 00-1254	EA	14" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,794.11	537.84
		For Class 52 Rating, Deduct	*-767.71*	
		For Class 54 Rating, Add	*1,056.66*	
		For Class 55 Rating, Add	*1,575.92*	
		For Class 56 Rating, Add	*2,088.20*	
40 05 19 00-1255	EA	14" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,021.71	540.65
		For Class 52 Rating, Deduct	*-792.28*	
		For Class 54 Rating, Add	*1,090.21*	
		For Class 55 Rating, Add	*1,625.83*	
		For Class 56 Rating, Add	*2,154.24*	
40 05 19 00-1256	EA	14" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,249.31	543.45
		For Class 52 Rating, Deduct	*-816.85*	
		For Class 54 Rating, Add	*1,123.77*	
		For Class 55 Rating, Add	*1,675.74*	
		For Class 56 Rating, Add	*2,220.29*	
40 05 19 00-1257	EA	14" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,476.91	546.24
		For Class 52 Rating, Deduct	*-841.42*	
		For Class 54 Rating, Add	*1,157.32*	
		For Class 55 Rating, Add	*1,725.65*	
		For Class 56 Rating, Add	*2,286.33*	
40 05 19 00-1258	EA	14" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,704.52	549.05
		For Class 52 Rating, Deduct	*-865.99*	
		For Class 54 Rating, Add	*1,190.88*	
		For Class 55 Rating, Add	*1,775.56*	
		For Class 56 Rating, Add	*2,352.37*	
40 05 19 00-1259	EA	14" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,932.11	551.85
		For Class 52 Rating, Deduct	*-890.56*	
		For Class 54 Rating, Add	*1,224.43*	
		For Class 55 Rating, Add	*1,825.47*	
		For Class 56 Rating, Add	*2,418.41*	
40 05 19 00-1260	EA	14" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,159.70	554.65
		For Class 52 Rating, Deduct	*-915.13*	
		For Class 54 Rating, Add	*1,257.98*	
		For Class 55 Rating, Add	*1,875.38*	
		For Class 56 Rating, Add	*2,484.45*	
40 05 19 00-1261	EA	14" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,387.30	557.45
		For Class 52 Rating, Deduct	*-939.69*	
		For Class 54 Rating, Add	*1,291.54*	
		For Class 55 Rating, Add	*1,925.29*	
		For Class 56 Rating, Add	*2,550.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1262	EA	14" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,614.90	560.25
		For Class 52 Rating, Deduct	*-964.26*	
		For Class 54 Rating, Add	*1,325.09*	
		For Class 55 Rating, Add	*1,975.20*	
		For Class 56 Rating, Add	*2,616.54*	
40 05 19 00-1263	EA	14" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,842.50	563.06
		For Class 52 Rating, Deduct	*-988.83*	
		For Class 54 Rating, Add	*1,358.65*	
		For Class 55 Rating, Add	*2,025.11*	
		For Class 56 Rating, Add	*2,682.58*	
40 05 19 00-1264	EA	14" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,070.10	565.86
		For Class 52 Rating, Deduct	*-1,013.40*	
		For Class 54 Rating, Add	*1,392.20*	
		For Class 55 Rating, Add	*2,075.02*	
		For Class 56 Rating, Add	*2,748.62*	
40 05 19 00-1265	EA	14" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,297.71	568.66
		For Class 52 Rating, Deduct	*-1,037.97*	
		For Class 54 Rating, Add	*1,425.75*	
		For Class 55 Rating, Add	*2,124.93*	
		For Class 56 Rating, Add	*2,814.67*	
40 05 19 00-1266	EA	14" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,525.30	571.46
		For Class 52 Rating, Deduct	*-1,062.54*	
		For Class 54 Rating, Add	*1,459.31*	
		For Class 55 Rating, Add	*2,174.84*	
		For Class 56 Rating, Add	*2,880.71*	
40 05 19 00-1267	EA	14" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,752.90	574.27
		For Class 52 Rating, Deduct	*-1,087.11*	
		For Class 54 Rating, Add	*1,492.86*	
		For Class 55 Rating, Add	*2,224.75*	
		For Class 56 Rating, Add	*2,946.75*	

40 05 19 00-1268 16" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1269	EA	16" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,729.73	537.84
		For Class 52 Rating, Deduct	*-210.63*	
		For Class 54 Rating, Add	*297.00*	
		For Class 55 Rating, Add	*446.56*	
		For Class 56 Rating, Add	*594.21*	
40 05 19 00-1270	EA	16" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,994.98	540.65
		For Class 52 Rating, Deduct	*-239.34*	
		For Class 54 Rating, Add	*336.20*	
		For Class 55 Rating, Add	*504.87*	
		For Class 56 Rating, Add	*671.36*	
40 05 19 00-1271	EA	16" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,260.22	543.45
		For Class 52 Rating, Deduct	*-268.05*	
		For Class 54 Rating, Add	*375.40*	
		For Class 55 Rating, Add	*563.17*	
		For Class 56 Rating, Add	*748.50*	
40 05 19 00-1272	EA	16" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,525.47	546.24
		For Class 52 Rating, Deduct	*-296.76*	
		For Class 54 Rating, Add	*414.60*	
		For Class 55 Rating, Add	*621.48*	
		For Class 56 Rating, Add	*825.65*	
40 05 19 00-1273	EA	16" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,790.72	549.05
		For Class 52 Rating, Deduct	*-325.47*	
		For Class 54 Rating, Add	*453.81*	
		For Class 55 Rating, Add	*679.78*	
		For Class 56 Rating, Add	*902.80*	
40 05 19 00-1274	EA	16" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,055.96	551.85
		For Class 52 Rating, Deduct	*-354.18*	
		For Class 54 Rating, Add	*493.01*	
		For Class 55 Rating, Add	*738.09*	
		For Class 56 Rating, Add	*979.95*	
40 05 19 00-1275	EA	16" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,321.20	554.65
		For Class 52 Rating, Deduct	*-382.89*	
		For Class 54 Rating, Add	*532.21*	
		For Class 55 Rating, Add	*796.39*	
		For Class 56 Rating, Add	*1,057.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1276	EA	16" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,586.43	557.45
		For Class 52 Rating, Deduct	*-411.60*	
		For Class 54 Rating, Add	*571.41*	
		For Class 55 Rating, Add	*854.69*	
		For Class 56 Rating, Add	*1,134.24*	
40 05 19 00-1277	EA	16" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,851.68	560.25
		For Class 52 Rating, Deduct	*-440.31*	
		For Class 54 Rating, Add	*610.61*	
		For Class 55 Rating, Add	*913.00*	
		For Class 56 Rating, Add	*1,211.39*	
40 05 19 00-1278	EA	16" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,116.92	563.06
		For Class 52 Rating, Deduct	*-469.02*	
		For Class 54 Rating, Add	*649.81*	
		For Class 55 Rating, Add	*971.30*	
		For Class 56 Rating, Add	*1,288.54*	
40 05 19 00-1279	EA	16" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,382.17	565.86
		For Class 52 Rating, Deduct	*-497.73*	
		For Class 54 Rating, Add	*689.01*	
		For Class 55 Rating, Add	*1,029.61*	
		For Class 56 Rating, Add	*1,365.68*	
40 05 19 00-1280	EA	16" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,647.42	568.66
		For Class 52 Rating, Deduct	*-526.44*	
		For Class 54 Rating, Add	*728.21*	
		For Class 55 Rating, Add	*1,087.91*	
		For Class 56 Rating, Add	*1,442.83*	
40 05 19 00-1281	EA	16" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,912.66	571.46
		For Class 52 Rating, Deduct	*-555.15*	
		For Class 54 Rating, Add	*767.41*	
		For Class 55 Rating, Add	*1,146.22*	
		For Class 56 Rating, Add	*1,519.98*	
40 05 19 00-1282	EA	16" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,177.90	574.27
		For Class 52 Rating, Deduct	*-583.86*	
		For Class 54 Rating, Add	*806.61*	
		For Class 55 Rating, Add	*1,204.52*	
		For Class 56 Rating, Add	*1,597.12*	
40 05 19 00-1283	EA	16" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,443.13	577.06
		For Class 52 Rating, Deduct	*-612.57*	
		For Class 54 Rating, Add	*845.81*	
		For Class 55 Rating, Add	*1,262.83*	
		For Class 56 Rating, Add	*1,674.27*	
40 05 19 00-1284	EA	16" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,708.38	579.86
		For Class 52 Rating, Deduct	*-641.28*	
		For Class 54 Rating, Add	*885.01*	
		For Class 55 Rating, Add	*1,321.13*	
		For Class 56 Rating, Add	*1,751.42*	
40 05 19 00-1285	EA	16" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,973.62	582.67
		For Class 52 Rating, Deduct	*-669.99*	
		For Class 54 Rating, Add	*924.21*	
		For Class 55 Rating, Add	*1,379.44*	
		For Class 56 Rating, Add	*1,828.57*	
40 05 19 00-1286	EA	16" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,238.87	585.46
		For Class 52 Rating, Deduct	*-698.70*	
		For Class 54 Rating, Add	*963.41*	
		For Class 55 Rating, Add	*1,437.74*	
		For Class 56 Rating, Add	*1,905.72*	
40 05 19 00-1287	EA	16" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,504.12	588.26
		For Class 52 Rating, Deduct	*-727.41*	
		For Class 54 Rating, Add	*1,002.62*	
		For Class 55 Rating, Add	*1,496.05*	
		For Class 56 Rating, Add	*1,982.86*	
40 05 19 00-1288	EA	16" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,769.35	591.07
		For Class 52 Rating, Deduct	*-756.12*	
		For Class 54 Rating, Add	*1,041.82*	
		For Class 55 Rating, Add	*1,554.35*	
		For Class 56 Rating, Add	*2,060.01*	
40 05 19 00-1289	EA	16" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,034.60	593.88
		For Class 52 Rating, Deduct	*-784.83*	
		For Class 54 Rating, Add	*1,081.02*	
		For Class 55 Rating, Add	*1,612.65*	
		For Class 56 Rating, Add	*2,137.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1290	EA	16" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,299.84	596.67
		For Class 52 Rating, Deduct	*-813.54*	
		For Class 54 Rating, Add	*1,120.22*	
		For Class 55 Rating, Add	*1,670.96*	
		For Class 56 Rating, Add	*2,214.30*	
40 05 19 00-1291	EA	16" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,565.08	599.47
		For Class 52 Rating, Deduct	*-842.25*	
		For Class 54 Rating, Add	*1,159.42*	
		For Class 55 Rating, Add	*1,729.26*	
		For Class 56 Rating, Add	*2,291.45*	
40 05 19 00-1292	EA	16" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,830.32	602.28
		For Class 52 Rating, Deduct	*-870.96*	
		For Class 54 Rating, Add	*1,198.62*	
		For Class 55 Rating, Add	*1,787.57*	
		For Class 56 Rating, Add	*2,368.60*	
40 05 19 00-1293	EA	16" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,095.57	605.08
		For Class 52 Rating, Deduct	*-899.67*	
		For Class 54 Rating, Add	*1,237.82*	
		For Class 55 Rating, Add	*1,845.87*	
		For Class 56 Rating, Add	*2,445.75*	
40 05 19 00-1294	EA	16" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,360.80	607.87
		For Class 52 Rating, Deduct	*-928.38*	
		For Class 54 Rating, Add	*1,277.02*	
		For Class 55 Rating, Add	*1,904.18*	
		For Class 56 Rating, Add	*2,522.89*	
40 05 19 00-1295	EA	16" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,626.05	610.68
		For Class 52 Rating, Deduct	*-957.09*	
		For Class 54 Rating, Add	*1,316.22*	
		For Class 55 Rating, Add	*1,962.48*	
		For Class 56 Rating, Add	*2,600.04*	
40 05 19 00-1296	EA	16" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,891.30	613.48
		For Class 52 Rating, Deduct	*-985.80*	
		For Class 54 Rating, Add	*1,355.42*	
		For Class 55 Rating, Add	*2,020.79*	
		For Class 56 Rating, Add	*2,677.19*	
40 05 19 00-1297	EA	16" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,156.54	616.27
		For Class 52 Rating, Deduct	*-1,014.51*	
		For Class 54 Rating, Add	*1,394.62*	
		For Class 55 Rating, Add	*2,079.09*	
		For Class 56 Rating, Add	*2,754.34*	
40 05 19 00-1298	EA	16" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,421.79	619.08
		For Class 52 Rating, Deduct	*-1,043.22*	
		For Class 54 Rating, Add	*1,433.82*	
		For Class 55 Rating, Add	*2,137.40*	
		For Class 56 Rating, Add	*2,831.48*	
40 05 19 00-1299	EA	16" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,687.02	621.89
		For Class 52 Rating, Deduct	*-1,071.93*	
		For Class 54 Rating, Add	*1,473.02*	
		For Class 55 Rating, Add	*2,195.70*	
		For Class 56 Rating, Add	*2,908.63*	
40 05 19 00-1300	EA	16" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,952.27	624.69
		For Class 52 Rating, Deduct	*-1,100.64*	
		For Class 54 Rating, Add	*1,512.22*	
		For Class 55 Rating, Add	*2,254.00*	
		For Class 56 Rating, Add	*2,985.78*	
40 05 19 00-1301	EA	16" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,217.50	627.49
		For Class 52 Rating, Deduct	*-1,129.34*	
		For Class 54 Rating, Add	*1,551.42*	
		For Class 55 Rating, Add	*2,312.31*	
		For Class 56 Rating, Add	*3,062.92*	
40 05 19 00-1302	EA	16" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,482.75	630.29
		For Class 52 Rating, Deduct	*-1,158.05*	
		For Class 54 Rating, Add	*1,590.63*	
		For Class 55 Rating, Add	*2,370.61*	
		For Class 56 Rating, Add	*3,140.07*	
40 05 19 00-1303	EA	16" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,748.00	633.09
		For Class 52 Rating, Deduct	*-1,186.76*	
		For Class 54 Rating, Add	*1,629.83*	
		For Class 55 Rating, Add	*2,428.92*	
		For Class 56 Rating, Add	*3,217.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1304	EA	16" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,013.24	635.88
		For Class 52 Rating, Deduct	*-1,215.47*	
		For Class 54 Rating, Add	*1,669.03*	
		For Class 55 Rating, Add	*2,487.22*	
		For Class 56 Rating, Add	*3,294.37*	
40 05 19 00-1305	EA	16" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,278.49	638.69
		For Class 52 Rating, Deduct	*-1,244.18*	
		For Class 54 Rating, Add	*1,708.23*	
		For Class 55 Rating, Add	*2,545.53*	
		For Class 56 Rating, Add	*3,371.52*	
40 05 19 00-1306	EA	16" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,543.72	641.49
		For Class 52 Rating, Deduct	*-1,272.89*	
		For Class 54 Rating, Add	*1,747.43*	
		For Class 55 Rating, Add	*2,603.83*	
		For Class 56 Rating, Add	*3,448.66*	

40 05 19 00-1307 18" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1308	EA	18" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,164.57	606.20
		For Class 52 Rating, Deduct	*-247.07*	
		For Class 54 Rating, Add	*347.94*	
		For Class 55 Rating, Add	*522.92*	
		For Class 56 Rating, Add	*695.66*	
40 05 19 00-1309	EA	18" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,469.97	609.00
		For Class 52 Rating, Deduct	*-280.20*	
		For Class 54 Rating, Add	*393.16*	
		For Class 55 Rating, Add	*590.18*	
		For Class 56 Rating, Add	*784.65*	
40 05 19 00-1310	EA	18" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,775.37	611.79
		For Class 52 Rating, Deduct	*-313.32*	
		For Class 54 Rating, Add	*438.38*	
		For Class 55 Rating, Add	*657.44*	
		For Class 56 Rating, Add	*873.65*	
40 05 19 00-1311	EA	18" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,080.77	614.59
		For Class 52 Rating, Deduct	*-346.45*	
		For Class 54 Rating, Add	*483.61*	
		For Class 55 Rating, Add	*724.70*	
		For Class 56 Rating, Add	*962.64*	
40 05 19 00-1312	EA	18" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,386.16	617.41
		For Class 52 Rating, Deduct	*-379.58*	
		For Class 54 Rating, Add	*528.83*	
		For Class 55 Rating, Add	*791.96*	
		For Class 56 Rating, Add	*1,051.63*	
40 05 19 00-1313	EA	18" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,691.55	620.20
		For Class 52 Rating, Deduct	*-412.70*	
		For Class 54 Rating, Add	*574.05*	
		For Class 55 Rating, Add	*859.22*	
		For Class 56 Rating, Add	*1,140.62*	
40 05 19 00-1314	EA	18" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,996.94	623.00
		For Class 52 Rating, Deduct	*-445.83*	
		For Class 54 Rating, Add	*619.28*	
		For Class 55 Rating, Add	*926.47*	
		For Class 56 Rating, Add	*1,229.62*	
40 05 19 00-1315	EA	18" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,302.35	625.81
		For Class 52 Rating, Deduct	*-478.96*	
		For Class 54 Rating, Add	*664.50*	
		For Class 55 Rating, Add	*993.73*	
		For Class 56 Rating, Add	*1,318.61*	
40 05 19 00-1316	EA	18" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,607.74	628.61
		For Class 52 Rating, Deduct	*-512.08*	
		For Class 54 Rating, Add	*709.73*	
		For Class 55 Rating, Add	*1,060.99*	
		For Class 56 Rating, Add	*1,407.60*	
40 05 19 00-1317	EA	18" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,913.14	631.40
		For Class 52 Rating, Deduct	*-545.21*	
		For Class 54 Rating, Add	*754.95*	
		For Class 55 Rating, Add	*1,128.25*	
		For Class 56 Rating, Add	*1,496.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1318	EA	18" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,218.54	634.21
		For Class 52 Rating, Deduct	*-578.34*	
		For Class 54 Rating, Add	*800.17*	
		For Class 55 Rating, Add	*1,195.51*	
		For Class 56 Rating, Add	*1,585.59*	
40 05 19 00-1319	EA	18" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,523.93	637.01
		For Class 52 Rating, Deduct	*-611.46*	
		For Class 54 Rating, Add	*845.40*	
		For Class 55 Rating, Add	*1,262.77*	
		For Class 56 Rating, Add	*1,674.58*	
40 05 19 00-1320	EA	18" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,829.34	639.80
		For Class 52 Rating, Deduct	*-644.59*	
		For Class 54 Rating, Add	*890.62*	
		For Class 55 Rating, Add	*1,330.03*	
		For Class 56 Rating, Add	*1,763.58*	
40 05 19 00-1321	EA	18" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,134.72	642.61
		For Class 52 Rating, Deduct	*-677.72*	
		For Class 54 Rating, Add	*935.84*	
		For Class 55 Rating, Add	*1,397.29*	
		For Class 56 Rating, Add	*1,852.57*	
40 05 19 00-1322	EA	18" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,440.12	645.42
		For Class 52 Rating, Deduct	*-710.84*	
		For Class 54 Rating, Add	*981.07*	
		For Class 55 Rating, Add	*1,464.54*	
		For Class 56 Rating, Add	*1,941.56*	
40 05 19 00-1323	EA	18" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,745.51	648.22
		For Class 52 Rating, Deduct	*-743.97*	
		For Class 54 Rating, Add	*1,026.29*	
		For Class 55 Rating, Add	*1,531.80*	
		For Class 56 Rating, Add	*2,030.55*	
40 05 19 00-1324	EA	18" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,050.91	651.02
		For Class 52 Rating, Deduct	*-777.10*	
		For Class 54 Rating, Add	*1,071.51*	
		For Class 55 Rating, Add	*1,599.06*	
		For Class 56 Rating, Add	*2,119.54*	
40 05 19 00-1325	EA	18" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,356.32	653.82
		For Class 52 Rating, Deduct	*-810.22*	
		For Class 54 Rating, Add	*1,116.74*	
		For Class 55 Rating, Add	*1,666.32*	
		For Class 56 Rating, Add	*2,208.54*	
40 05 19 00-1326	EA	18" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,661.71	656.62
		For Class 52 Rating, Deduct	*-843.35*	
		For Class 54 Rating, Add	*1,161.96*	
		For Class 55 Rating, Add	*1,733.58*	
		For Class 56 Rating, Add	*2,297.53*	
40 05 19 00-1327	EA	18" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,967.11	659.41
		For Class 52 Rating, Deduct	*-876.48*	
		For Class 54 Rating, Add	*1,207.19*	
		For Class 55 Rating, Add	*1,800.84*	
		For Class 56 Rating, Add	*2,386.52*	
40 05 19 00-1328	EA	18" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,272.50	662.22
		For Class 52 Rating, Deduct	*-909.60*	
		For Class 54 Rating, Add	*1,252.41*	
		For Class 55 Rating, Add	*1,868.10*	
		For Class 56 Rating, Add	*2,475.51*	
40 05 19 00-1329	EA	18" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,577.89	665.02
		For Class 52 Rating, Deduct	*-942.73*	
		For Class 54 Rating, Add	*1,297.63*	
		For Class 55 Rating, Add	*1,935.36*	
		For Class 56 Rating, Add	*2,564.51*	
40 05 19 00-1330	EA	18" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,883.29	667.83
		For Class 52 Rating, Deduct	*-975.86*	
		For Class 54 Rating, Add	*1,342.86*	
		For Class 55 Rating, Add	*2,002.62*	
		For Class 56 Rating, Add	*2,653.50*	
40 05 19 00-1331	EA	18" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,188.69	670.62
		For Class 52 Rating, Deduct	*-1,008.98*	
		For Class 54 Rating, Add	*1,388.08*	
		For Class 55 Rating, Add	*2,069.87*	
		For Class 56 Rating, Add	*2,742.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1332	EA	18" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,494.08	673.42
		For Class 52 Rating, Deduct	*-1,042.11*	
		For Class 54 Rating, Add	*1,433.31*	
		For Class 55 Rating, Add	*2,137.13*	
		For Class 56 Rating, Add	*2,831.49*	
40 05 19 00-1333	EA	18" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,799.48	676.23
		For Class 52 Rating, Deduct	*-1,075.24*	
		For Class 54 Rating, Add	*1,478.53*	
		For Class 55 Rating, Add	*2,204.39*	
		For Class 56 Rating, Add	*2,920.48*	
40 05 19 00-1334	EA	18" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,104.88	679.04
		For Class 52 Rating, Deduct	*-1,108.36*	
		For Class 54 Rating, Add	*1,523.75*	
		For Class 55 Rating, Add	*2,271.65*	
		For Class 56 Rating, Add	*3,009.47*	
40 05 19 00-1335	EA	18" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,410.28	681.83
		For Class 52 Rating, Deduct	*-1,141.49*	
		For Class 54 Rating, Add	*1,568.98*	
		For Class 55 Rating, Add	*2,338.91*	
		For Class 56 Rating, Add	*3,098.46*	
40 05 19 00-1336	EA	18" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,715.68	684.63
		For Class 52 Rating, Deduct	*-1,174.62*	
		For Class 54 Rating, Add	*1,614.20*	
		For Class 55 Rating, Add	*2,406.17*	
		For Class 56 Rating, Add	*3,187.46*	
40 05 19 00-1337	EA	18" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,021.06	687.44
		For Class 52 Rating, Deduct	*-1,207.75*	
		For Class 54 Rating, Add	*1,659.42*	
		For Class 55 Rating, Add	*2,473.43*	
		For Class 56 Rating, Add	*3,276.45*	
40 05 19 00-1338	EA	18" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,326.46	690.23
		For Class 52 Rating, Deduct	*-1,240.87*	
		For Class 54 Rating, Add	*1,704.65*	
		For Class 55 Rating, Add	*2,540.68*	
		For Class 56 Rating, Add	*3,365.44*	
40 05 19 00-1339	EA	18" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,631.85	693.03
		For Class 52 Rating, Deduct	*-1,274.00*	
		For Class 54 Rating, Add	*1,749.87*	
		For Class 55 Rating, Add	*2,607.94*	
		For Class 56 Rating, Add	*3,454.43*	
40 05 19 00-1340	EA	18" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,937.26	695.84
		For Class 52 Rating, Deduct	*-1,307.13*	
		For Class 54 Rating, Add	*1,795.10*	
		For Class 55 Rating, Add	*2,675.20*	
		For Class 56 Rating, Add	*3,543.43*	
40 05 19 00-1341	EA	18" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,242.66	698.64
		For Class 52 Rating, Deduct	*-1,340.25*	
		For Class 54 Rating, Add	*1,840.32*	
		For Class 55 Rating, Add	*2,742.46*	
		For Class 56 Rating, Add	*3,632.42*	
40 05 19 00-1342	EA	18" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,548.05	701.43
		For Class 52 Rating, Deduct	*-1,373.38*	
		For Class 54 Rating, Add	*1,885.54*	
		For Class 55 Rating, Add	*2,809.72*	
		For Class 56 Rating, Add	*3,721.41*	
40 05 19 00-1343	EA	18" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,853.45	704.24
		For Class 52 Rating, Deduct	*-1,406.51*	
		For Class 54 Rating, Add	*1,930.77*	
		For Class 55 Rating, Add	*2,876.98*	
		For Class 56 Rating, Add	*3,810.40*	
40 05 19 00-1344	EA	18" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,158.83	707.05
		For Class 52 Rating, Deduct	*-1,439.63*	
		For Class 54 Rating, Add	*1,975.99*	
		For Class 55 Rating, Add	*2,944.24*	
		For Class 56 Rating, Add	*3,899.40*	
40 05 19 00-1345	EA	18" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,464.24	709.84
		For Class 52 Rating, Deduct	*-1,472.76*	
		For Class 54 Rating, Add	*2,021.21*	
		For Class 55 Rating, Add	*3,011.50*	
		For Class 56 Rating, Add	*3,988.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1346		20" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*		
40 05 19 00-1347	EA	20" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,693.47	691.92
		For Class 52 Rating, Deduct	*-290.96*	
		For Class 54 Rating, Add	*409.35*	
		For Class 55 Rating, Add	*615.02*	
		For Class 56 Rating, Add	*818.05*	
40 05 19 00-1348	EA	20" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,044.04	694.72
		For Class 52 Rating, Deduct	*-329.06*	
		For Class 54 Rating, Add	*461.35*	
		For Class 55 Rating, Add	*692.35*	
		For Class 56 Rating, Add	*920.37*	
40 05 19 00-1349	EA	20" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,394.62	697.51
		For Class 52 Rating, Deduct	*-367.15*	
		For Class 54 Rating, Add	*513.35*	
		For Class 55 Rating, Add	*769.69*	
		For Class 56 Rating, Add	*1,022.69*	
40 05 19 00-1350	EA	20" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,745.18	700.32
		For Class 52 Rating, Deduct	*-405.25*	
		For Class 54 Rating, Add	*565.35*	
		For Class 55 Rating, Add	*847.02*	
		For Class 56 Rating, Add	*1,125.01*	
40 05 19 00-1351	EA	20" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,095.76	703.12
		For Class 52 Rating, Deduct	*-443.35*	
		For Class 54 Rating, Add	*617.35*	
		For Class 55 Rating, Add	*924.35*	
		For Class 56 Rating, Add	*1,227.33*	
40 05 19 00-1352	EA	20" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,446.32	705.91
		For Class 52 Rating, Deduct	*-481.44*	
		For Class 54 Rating, Add	*669.35*	
		For Class 55 Rating, Add	*1,001.68*	
		For Class 56 Rating, Add	*1,329.64*	
40 05 19 00-1353	EA	20" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,796.89	708.72
		For Class 52 Rating, Deduct	*-519.54*	
		For Class 54 Rating, Add	*721.35*	
		For Class 55 Rating, Add	*1,079.02*	
		For Class 56 Rating, Add	*1,431.96*	
40 05 19 00-1354	EA	20" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,147.45	711.53
		For Class 52 Rating, Deduct	*-557.63*	
		For Class 54 Rating, Add	*773.35*	
		For Class 55 Rating, Add	*1,156.35*	
		For Class 56 Rating, Add	*1,534.28*	
40 05 19 00-1355	EA	20" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,498.03	714.33
		For Class 52 Rating, Deduct	*-595.73*	
		For Class 54 Rating, Add	*825.35*	
		For Class 55 Rating, Add	*1,233.68*	
		For Class 56 Rating, Add	*1,636.60*	
40 05 19 00-1356	EA	20" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,848.59	717.13
		For Class 52 Rating, Deduct	*-633.82*	
		For Class 54 Rating, Add	*877.34*	
		For Class 55 Rating, Add	*1,311.01*	
		For Class 56 Rating, Add	*1,738.92*	
40 05 19 00-1357	EA	20" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,199.17	719.93
		For Class 52 Rating, Deduct	*-671.92*	
		For Class 54 Rating, Add	*929.35*	
		For Class 55 Rating, Add	*1,388.35*	
		For Class 56 Rating, Add	*1,841.24*	
40 05 19 00-1358	EA	20" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,549.74	722.73
		For Class 52 Rating, Deduct	*-710.02*	
		For Class 54 Rating, Add	*981.34*	
		For Class 55 Rating, Add	*1,465.68*	
		For Class 56 Rating, Add	*1,943.56*	
40 05 19 00-1359	EA	20" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,900.31	725.52
		For Class 52 Rating, Deduct	*-748.11*	
		For Class 54 Rating, Add	*1,033.34*	
		For Class 55 Rating, Add	*1,543.01*	
		For Class 56 Rating, Add	*2,045.88*	
40 05 19 00-1360	EA	20" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,250.87	728.33
		For Class 52 Rating, Deduct	*-786.21*	
		For Class 54 Rating, Add	*1,085.34*	
		For Class 55 Rating, Add	*1,620.34*	
		For Class 56 Rating, Add	*2,148.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1361	EA	20" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,601.44	731.13
		For Class 52 Rating, Deduct	*-824.30*	
		For Class 54 Rating, Add	*1,137.34*	
		For Class 55 Rating, Add	*1,697.67*	
		For Class 56 Rating, Add	*2,250.51*	
40 05 19 00-1362	EA	20" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,952.01	733.94
		For Class 52 Rating, Deduct	*-862.40*	
		For Class 54 Rating, Add	*1,189.34*	
		For Class 55 Rating, Add	*1,775.01*	
		For Class 56 Rating, Add	*2,352.83*	
40 05 19 00-1363	EA	20" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,302.58	736.73
		For Class 52 Rating, Deduct	*-900.50*	
		For Class 54 Rating, Add	*1,241.34*	
		For Class 55 Rating, Add	*1,852.34*	
		For Class 56 Rating, Add	*2,455.15*	
40 05 19 00-1364	EA	20" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,653.15	739.53
		For Class 52 Rating, Deduct	*-938.59*	
		For Class 54 Rating, Add	*1,293.34*	
		For Class 55 Rating, Add	*1,929.67*	
		For Class 56 Rating, Add	*2,557.47*	
40 05 19 00-1365	EA	20" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,003.72	742.34
		For Class 52 Rating, Deduct	*-976.69*	
		For Class 54 Rating, Add	*1,345.34*	
		For Class 55 Rating, Add	*2,007.00*	
		For Class 56 Rating, Add	*2,659.78*	
40 05 19 00-1366	EA	20" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,354.29	745.15
		For Class 52 Rating, Deduct	*-1,014.78*	
		For Class 54 Rating, Add	*1,397.34*	
		For Class 55 Rating, Add	*2,084.34*	
		For Class 56 Rating, Add	*2,762.10*	
40 05 19 00-1367	EA	20" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,704.86	747.94
		For Class 52 Rating, Deduct	*-1,052.88*	
		For Class 54 Rating, Add	*1,449.34*	
		For Class 55 Rating, Add	*2,161.67*	
		For Class 56 Rating, Add	*2,864.42*	
40 05 19 00-1368	EA	20" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,055.42	750.74
		For Class 52 Rating, Deduct	*-1,090.97*	
		For Class 54 Rating, Add	*1,501.34*	
		For Class 55 Rating, Add	*2,239.00*	
		For Class 56 Rating, Add	*2,966.74*	
40 05 19 00-1369	EA	20" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,405.99	753.55
		For Class 52 Rating, Deduct	*-1,129.07*	
		For Class 54 Rating, Add	*1,553.34*	
		For Class 55 Rating, Add	*2,316.33*	
		For Class 56 Rating, Add	*3,069.06*	
40 05 19 00-1370	EA	20" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,756.56	756.34
		For Class 52 Rating, Deduct	*-1,167.16*	
		For Class 54 Rating, Add	*1,605.34*	
		For Class 55 Rating, Add	*2,393.66*	
		For Class 56 Rating, Add	*3,171.38*	
40 05 19 00-1371	EA	20" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,107.13	759.14
		For Class 52 Rating, Deduct	*-1,205.26*	
		For Class 54 Rating, Add	*1,657.34*	
		For Class 55 Rating, Add	*2,471.00*	
		For Class 56 Rating, Add	*3,273.70*	
40 05 19 00-1372	EA	20" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,457.71	761.95
		For Class 52 Rating, Deduct	*-1,243.36*	
		For Class 54 Rating, Add	*1,709.34*	
		For Class 55 Rating, Add	*2,548.33*	
		For Class 56 Rating, Add	*3,376.02*	
40 05 19 00-1373	EA	20" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,808.27	764.75
		For Class 52 Rating, Deduct	*-1,281.45*	
		For Class 54 Rating, Add	*1,761.34*	
		For Class 55 Rating, Add	*2,625.66*	
		For Class 56 Rating, Add	*3,478.33*	
40 05 19 00-1374	EA	20" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,158.85	767.54
		For Class 52 Rating, Deduct	*-1,319.55*	
		For Class 54 Rating, Add	*1,813.34*	
		For Class 55 Rating, Add	*2,702.99*	
		For Class 56 Rating, Add	*3,580.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1375	EA	20" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,509.41	770.35
		For Class 52 Rating, Deduct	*-1,357.64*	
		For Class 54 Rating, Add	*1,865.34*	
		For Class 55 Rating, Add	*2,780.33*	
		For Class 56 Rating, Add	*3,682.97*	
40 05 19 00-1376	EA	20" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,859.98	773.16
		For Class 52 Rating, Deduct	*-1,395.74*	
		For Class 54 Rating, Add	*1,917.34*	
		For Class 55 Rating, Add	*2,857.66*	
		For Class 56 Rating, Add	*3,785.29*	
40 05 19 00-1377	EA	20" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,210.54	775.95
		For Class 52 Rating, Deduct	*-1,433.83*	
		For Class 54 Rating, Add	*1,969.34*	
		For Class 55 Rating, Add	*2,934.99*	
		For Class 56 Rating, Add	*3,887.61*	
40 05 19 00-1378	EA	20" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,561.12	778.76
		For Class 52 Rating, Deduct	*-1,471.93*	
		For Class 54 Rating, Add	*2,021.34*	
		For Class 55 Rating, Add	*3,012.32*	
		For Class 56 Rating, Add	*3,989.93*	
40 05 19 00-1379	EA	20" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,911.68	781.56
		For Class 52 Rating, Deduct	*-1,510.03*	
		For Class 54 Rating, Add	*2,073.34*	
		For Class 55 Rating, Add	*3,089.65*	
		For Class 56 Rating, Add	*4,092.25*	
40 05 19 00-1380	EA	20" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,262.26	784.36
		For Class 52 Rating, Deduct	*-1,548.12*	
		For Class 54 Rating, Add	*2,125.34*	
		For Class 55 Rating, Add	*3,166.99*	
		For Class 56 Rating, Add	*4,194.57*	
40 05 19 00-1381	EA	20" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,612.83	787.15
		For Class 52 Rating, Deduct	*-1,586.22*	
		For Class 54 Rating, Add	*2,177.34*	
		For Class 55 Rating, Add	*3,244.32*	
		For Class 56 Rating, Add	*4,296.88*	
40 05 19 00-1382	EA	20" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,963.40	789.96
		For Class 52 Rating, Deduct	*-1,624.31*	
		For Class 54 Rating, Add	*2,229.34*	
		For Class 55 Rating, Add	*3,321.65*	
		For Class 56 Rating, Add	*4,399.20*	
40 05 19 00-1383	EA	20" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,313.97	792.76
		For Class 52 Rating, Deduct	*-1,662.41*	
		For Class 54 Rating, Add	*2,281.34*	
		For Class 55 Rating, Add	*3,398.98*	
		For Class 56 Rating, Add	*4,501.52*	
40 05 19 00-1384	EA	20" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,664.53	795.55
		For Class 52 Rating, Deduct	*-1,700.51*	
		For Class 54 Rating, Add	*2,333.34*	
		For Class 55 Rating, Add	*3,476.32*	
		For Class 56 Rating, Add	*4,603.84*	

40 05 19 00-1385 24" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1386	EA	24" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,541.98	817.97
		For Class 52 Rating, Deduct	*-363.29*	
		For Class 54 Rating, Add	*510.27*	
		For Class 55 Rating, Add	*766.23*	
		For Class 56 Rating, Add	*1,018.89*	
40 05 19 00-1387	EA	24" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,975.37	820.77
		For Class 52 Rating, Deduct	*-410.50*	
		For Class 54 Rating, Add	*574.69*	
		For Class 55 Rating, Add	*862.03*	
		For Class 56 Rating, Add	*1,145.64*	
40 05 19 00-1388	EA	24" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,408.76	823.58
		For Class 52 Rating, Deduct	*-457.70*	
		For Class 54 Rating, Add	*639.11*	
		For Class 55 Rating, Add	*957.83*	
		For Class 56 Rating, Add	*1,272.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1389	EA	24" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,842.14	826.37
		For Class 52 Rating, Deduct	*-504.91*	
		For Class 54 Rating, Add	*703.53*	
		For Class 55 Rating, Add	*1,053.63*	
		For Class 56 Rating, Add	*1,399.14*	
40 05 19 00-1390	EA	24" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,275.53	829.17
		For Class 52 Rating, Deduct	*-552.11*	
		For Class 54 Rating, Add	*767.96*	
		For Class 55 Rating, Add	*1,149.43*	
		For Class 56 Rating, Add	*1,525.89*	
40 05 19 00-1391	EA	24" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,708.92	831.98
		For Class 52 Rating, Deduct	*-599.32*	
		For Class 54 Rating, Add	*832.38*	
		For Class 55 Rating, Add	*1,245.23*	
		For Class 56 Rating, Add	*1,652.64*	
40 05 19 00-1392	EA	24" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,142.30	834.79
		For Class 52 Rating, Deduct	*-646.52*	
		For Class 54 Rating, Add	*896.80*	
		For Class 55 Rating, Add	*1,341.03*	
		For Class 56 Rating, Add	*1,779.39*	
40 05 19 00-1393	EA	24" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,575.68	837.58
		For Class 52 Rating, Deduct	*-693.73*	
		For Class 54 Rating, Add	*961.22*	
		For Class 55 Rating, Add	*1,436.83*	
		For Class 56 Rating, Add	*1,906.14*	
40 05 19 00-1394	EA	24" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,009.07	840.38
		For Class 52 Rating, Deduct	*-740.93*	
		For Class 54 Rating, Add	*1,025.65*	
		For Class 55 Rating, Add	*1,532.64*	
		For Class 56 Rating, Add	*2,032.89*	
40 05 19 00-1395	EA	24" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,442.46	843.19
		For Class 52 Rating, Deduct	*-788.14*	
		For Class 54 Rating, Add	*1,090.07*	
		For Class 55 Rating, Add	*1,628.44*	
		For Class 56 Rating, Add	*2,159.64*	
40 05 19 00-1396	EA	24" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,875.84	845.98
		For Class 52 Rating, Deduct	*-835.35*	
		For Class 54 Rating, Add	*1,154.49*	
		For Class 55 Rating, Add	*1,724.24*	
		For Class 56 Rating, Add	*2,286.39*	
40 05 19 00-1397	EA	24" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,309.23	848.78
		For Class 52 Rating, Deduct	*-882.55*	
		For Class 54 Rating, Add	*1,218.91*	
		For Class 55 Rating, Add	*1,820.04*	
		For Class 56 Rating, Add	*2,413.14*	
40 05 19 00-1398	EA	24" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,742.62	851.59
		For Class 52 Rating, Deduct	*-929.76*	
		For Class 54 Rating, Add	*1,283.33*	
		For Class 55 Rating, Add	*1,915.84*	
		For Class 56 Rating, Add	*2,539.89*	
40 05 19 00-1399	EA	24" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,176.00	854.39
		For Class 52 Rating, Deduct	*-976.96*	
		For Class 54 Rating, Add	*1,347.75*	
		For Class 55 Rating, Add	*2,011.64*	
		For Class 56 Rating, Add	*2,666.64*	
40 05 19 00-1400	EA	24" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,609.40	857.18
		For Class 52 Rating, Deduct	*-1,024.17*	
		For Class 54 Rating, Add	*1,412.18*	
		For Class 55 Rating, Add	*2,107.44*	
		For Class 56 Rating, Add	*2,793.39*	
40 05 19 00-1401	EA	24" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,042.77	859.99
		For Class 52 Rating, Deduct	*-1,071.37*	
		For Class 54 Rating, Add	*1,476.60*	
		For Class 55 Rating, Add	*2,203.24*	
		For Class 56 Rating, Add	*2,920.14*	
40 05 19 00-1402	EA	24" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,476.16	862.80
		For Class 52 Rating, Deduct	*-1,118.58*	
		For Class 54 Rating, Add	*1,541.02*	
		For Class 55 Rating, Add	*2,299.04*	
		For Class 56 Rating, Add	*3,046.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1403	EA	24" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,909.54	865.59
		For Class 52 Rating, Deduct	*-1,165.78*	
		For Class 54 Rating, Add	*1,605.44*	
		For Class 55 Rating, Add	*2,394.84*	
		For Class 56 Rating, Add	*3,173.64*	
40 05 19 00-1404	EA	24" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,342.93	868.40
		For Class 52 Rating, Deduct	*-1,212.99*	
		For Class 54 Rating, Add	*1,669.87*	
		For Class 55 Rating, Add	*2,490.64*	
		For Class 56 Rating, Add	*3,300.39*	
40 05 19 00-1405	EA	24" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,776.32	871.20
		For Class 52 Rating, Deduct	*-1,260.20*	
		For Class 54 Rating, Add	*1,734.29*	
		For Class 55 Rating, Add	*2,586.44*	
		For Class 56 Rating, Add	*3,427.13*	
40 05 19 00-1406	EA	24" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,209.71	874.00
		For Class 52 Rating, Deduct	*-1,307.40*	
		For Class 54 Rating, Add	*1,798.71*	
		For Class 55 Rating, Add	*2,682.24*	
		For Class 56 Rating, Add	*3,553.89*	
40 05 19 00-1407	EA	24" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,643.10	876.80
		For Class 52 Rating, Deduct	*-1,354.61*	
		For Class 54 Rating, Add	*1,863.13*	
		For Class 55 Rating, Add	*2,778.04*	
		For Class 56 Rating, Add	*3,680.64*	
40 05 19 00-1408	EA	24" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,076.48	879.60
		For Class 52 Rating, Deduct	*-1,401.81*	
		For Class 54 Rating, Add	*1,927.56*	
		For Class 55 Rating, Add	*2,873.84*	
		For Class 56 Rating, Add	*3,807.38*	
40 05 19 00-1409	EA	24" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,509.86	882.40
		For Class 52 Rating, Deduct	*-1,449.02*	
		For Class 54 Rating, Add	*1,991.98*	
		For Class 55 Rating, Add	*2,969.64*	
		For Class 56 Rating, Add	*3,934.13*	
40 05 19 00-1410	EA	24" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,943.24	885.21
		For Class 52 Rating, Deduct	*-1,496.22*	
		For Class 54 Rating, Add	*2,056.40*	
		For Class 55 Rating, Add	*3,065.44*	
		For Class 56 Rating, Add	*4,060.88*	
40 05 19 00-1411	EA	24" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,376.63	888.00
		For Class 52 Rating, Deduct	*-1,543.43*	
		For Class 54 Rating, Add	*2,120.82*	
		For Class 55 Rating, Add	*3,161.24*	
		For Class 56 Rating, Add	*4,187.63*	
40 05 19 00-1412	EA	24" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,810.02	890.80
		For Class 52 Rating, Deduct	*-1,590.64*	
		For Class 54 Rating, Add	*2,185.24*	
		For Class 55 Rating, Add	*3,257.04*	
		For Class 56 Rating, Add	*4,314.38*	
40 05 19 00-1413	EA	24" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,243.41	893.61
		For Class 52 Rating, Deduct	*-1,637.84*	
		For Class 54 Rating, Add	*2,249.67*	
		For Class 55 Rating, Add	*3,352.84*	
		For Class 56 Rating, Add	*4,441.13*	
40 05 19 00-1414	EA	24" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,676.80	896.41
		For Class 52 Rating, Deduct	*-1,685.05*	
		For Class 54 Rating, Add	*2,314.09*	
		For Class 55 Rating, Add	*3,448.64*	
		For Class 56 Rating, Add	*4,567.88*	
40 05 19 00-1415	EA	24" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,182.33	946.82
		For Class 52 Rating, Deduct	*-1,732.25*	
		For Class 54 Rating, Add	*2,379.38*	
		For Class 55 Rating, Add	*3,546.18*	
		For Class 56 Rating, Add	*4,697.23*	
40 05 19 00-1416	EA	24" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,615.71	949.63
		For Class 52 Rating, Deduct	*-1,779.46*	
		For Class 54 Rating, Add	*2,443.80*	
		For Class 55 Rating, Add	*3,641.98*	
		For Class 56 Rating, Add	*4,823.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1417	EA	24" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,049.10	952.43
		For Class 52 Rating, Deduct	*-1,826.66*	
		For Class 54 Rating, Add	*2,508.22*	
		For Class 55 Rating, Add	*3,737.78*	
		For Class 56 Rating, Add	*4,950.73*	
40 05 19 00-1418	EA	24" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,482.48	955.24
		For Class 52 Rating, Deduct	*-1,873.87*	
		For Class 54 Rating, Add	*2,572.64*	
		For Class 55 Rating, Add	*3,833.58*	
		For Class 56 Rating, Add	*5,077.48*	
40 05 19 00-1419	EA	24" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,915.88	958.04
		For Class 52 Rating, Deduct	*-1,921.07*	
		For Class 54 Rating, Add	*2,637.07*	
		For Class 55 Rating, Add	*3,929.38*	
		For Class 56 Rating, Add	*5,204.23*	
40 05 19 00-1420	EA	24" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,349.27	960.84
		For Class 52 Rating, Deduct	*-1,968.28*	
		For Class 54 Rating, Add	*2,701.49*	
		For Class 55 Rating, Add	*4,025.18*	
		For Class 56 Rating, Add	*5,330.98*	
40 05 19 00-1421	EA	24" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,782.65	963.64
		For Class 52 Rating, Deduct	*-2,015.48*	
		For Class 54 Rating, Add	*2,765.91*	
		For Class 55 Rating, Add	*4,120.98*	
		For Class 56 Rating, Add	*5,457.73*	
40 05 19 00-1422	EA	24" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,216.04	966.44
		For Class 52 Rating, Deduct	*-2,062.69*	
		For Class 54 Rating, Add	*2,830.33*	
		For Class 55 Rating, Add	*4,216.78*	
		For Class 56 Rating, Add	*5,584.48*	
40 05 19 00-1423	EA	24" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,649.41	969.24
		For Class 52 Rating, Deduct	*-2,109.90*	
		For Class 54 Rating, Add	*2,894.75*	
		For Class 55 Rating, Add	*4,312.58*	
		For Class 56 Rating, Add	*5,711.22*	

40 05 19 00-1424 30" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1425	EA	30" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,968.65	1,154.13
		For Class 52 Rating, Deduct	*-574.20*	
		For Class 54 Rating, Add	*803.98*	
		For Class 55 Rating, Add	*1,206.02*	
		For Class 56 Rating, Add	*1,602.84*	
40 05 19 00-1426	EA	30" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,592.76	1,156.92
		For Class 52 Rating, Deduct	*-642.38*	
		For Class 54 Rating, Add	*897.01*	
		For Class 55 Rating, Add	*1,344.35*	
		For Class 56 Rating, Add	*1,785.86*	
40 05 19 00-1427	EA	30" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,216.88	1,159.72
		For Class 52 Rating, Deduct	*-710.57*	
		For Class 54 Rating, Add	*990.04*	
		For Class 55 Rating, Add	*1,482.69*	
		For Class 56 Rating, Add	*1,968.87*	
40 05 19 00-1428	EA	30" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,840.98	1,162.53
		For Class 52 Rating, Deduct	*-778.75*	
		For Class 54 Rating, Add	*1,083.07*	
		For Class 55 Rating, Add	*1,621.02*	
		For Class 56 Rating, Add	*2,151.89*	
40 05 19 00-1429	EA	30" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,465.10	1,165.34
		For Class 52 Rating, Deduct	*-846.94*	
		For Class 54 Rating, Add	*1,176.11*	
		For Class 55 Rating, Add	*1,759.35*	
		For Class 56 Rating, Add	*2,334.90*	
40 05 19 00-1430	EA	30" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,089.21	1,168.13
		For Class 52 Rating, Deduct	*-915.13*	
		For Class 54 Rating, Add	*1,269.14*	
		For Class 55 Rating, Add	*1,897.69*	
		For Class 56 Rating, Add	*2,517.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1431	EA	30" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,713.34	1,170.94
		For Class 52 Rating, Deduct	*-983.31*	
		For Class 54 Rating, Add	*1,362.17*	
		For Class 55 Rating, Add	*2,036.02*	
		For Class 56 Rating, Add	*2,700.93*	
40 05 19 00-1432	EA	30" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,337.45	1,173.74
		For Class 52 Rating, Deduct	*-1,051.50*	
		For Class 54 Rating, Add	*1,455.20*	
		For Class 55 Rating, Add	*2,174.35*	
		For Class 56 Rating, Add	*2,883.95*	
40 05 19 00-1433	EA	30" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,961.57	1,176.53
		For Class 52 Rating, Deduct	*-1,119.68*	
		For Class 54 Rating, Add	*1,548.23*	
		For Class 55 Rating, Add	*2,312.69*	
		For Class 56 Rating, Add	*3,066.96*	
40 05 19 00-1434	EA	30" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,585.69	1,179.34
		For Class 52 Rating, Deduct	*-1,187.87*	
		For Class 54 Rating, Add	*1,641.26*	
		For Class 55 Rating, Add	*2,451.02*	
		For Class 56 Rating, Add	*3,249.98*	
40 05 19 00-1435	EA	30" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,209.80	1,182.14
		For Class 52 Rating, Deduct	*-1,256.05*	
		For Class 54 Rating, Add	*1,734.30*	
		For Class 55 Rating, Add	*2,589.35*	
		For Class 56 Rating, Add	*3,432.99*	
40 05 19 00-1436	EA	30" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,833.91	1,184.94
		For Class 52 Rating, Deduct	*-1,324.24*	
		For Class 54 Rating, Add	*1,827.33*	
		For Class 55 Rating, Add	*2,727.69*	
		For Class 56 Rating, Add	*3,616.01*	
40 05 19 00-1437	EA	30" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,458.02	1,187.73
		For Class 52 Rating, Deduct	*-1,392.43*	
		For Class 54 Rating, Add	*1,920.36*	
		For Class 55 Rating, Add	*2,866.02*	
		For Class 56 Rating, Add	*3,799.02*	
40 05 19 00-1438	EA	30" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,082.14	1,190.54
		For Class 52 Rating, Deduct	*-1,460.61*	
		For Class 54 Rating, Add	*2,013.39*	
		For Class 55 Rating, Add	*3,004.35*	
		For Class 56 Rating, Add	*3,982.03*	
40 05 19 00-1439	EA	30" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,706.25	1,193.34
		For Class 52 Rating, Deduct	*-1,528.80*	
		For Class 54 Rating, Add	*2,106.42*	
		For Class 55 Rating, Add	*3,142.68*	
		For Class 56 Rating, Add	*4,165.05*	
40 05 19 00-1440	EA	30" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,330.38	1,196.13
		For Class 52 Rating, Deduct	*-1,596.98*	
		For Class 54 Rating, Add	*2,199.45*	
		For Class 55 Rating, Add	*3,281.02*	
		For Class 56 Rating, Add	*4,348.07*	
40 05 19 00-1441	EA	30" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,954.50	1,198.95
		For Class 52 Rating, Deduct	*-1,665.17*	
		For Class 54 Rating, Add	*2,292.49*	
		For Class 55 Rating, Add	*3,419.35*	
		For Class 56 Rating, Add	*4,531.08*	
40 05 19 00-1442	EA	30" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,578.61	1,201.75
		For Class 52 Rating, Deduct	*-1,733.36*	
		For Class 54 Rating, Add	*2,385.52*	
		For Class 55 Rating, Add	*3,557.68*	
		For Class 56 Rating, Add	*4,714.09*	
40 05 19 00-1443	EA	30" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,202.73	1,204.55
		For Class 52 Rating, Deduct	*-1,801.54*	
		For Class 54 Rating, Add	*2,478.55*	
		For Class 55 Rating, Add	*3,696.02*	
		For Class 56 Rating, Add	*4,897.11*	
40 05 19 00-1444	EA	30" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,826.83	1,207.35
		For Class 52 Rating, Deduct	*-1,869.73*	
		For Class 54 Rating, Add	*2,571.58*	
		For Class 55 Rating, Add	*3,834.35*	
		For Class 56 Rating, Add	*5,080.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1445	EA	30" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,450.95	1,210.15
		For Class 52 Rating, Deduct	*-1,937.91*	
		For Class 54 Rating, Add	*2,664.61*	
		For Class 55 Rating, Add	*3,972.68*	
		For Class 56 Rating, Add	*5,263.14*	
40 05 19 00-1446	EA	30" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,075.06	1,212.95
		For Class 52 Rating, Deduct	*-2,006.10*	
		For Class 54 Rating, Add	*2,757.64*	
		For Class 55 Rating, Add	*4,111.02*	
		For Class 56 Rating, Add	*5,446.15*	
40 05 19 00-1447	EA	30" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,699.18	1,215.75
		For Class 52 Rating, Deduct	*-2,074.28*	
		For Class 54 Rating, Add	*2,850.67*	
		For Class 55 Rating, Add	*4,249.35*	
		For Class 56 Rating, Add	*5,629.17*	
40 05 19 00-1448	EA	30" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,323.30	1,218.55
		For Class 52 Rating, Deduct	*-2,142.47*	
		For Class 54 Rating, Add	*2,943.71*	
		For Class 55 Rating, Add	*4,387.68*	
		For Class 56 Rating, Add	*5,812.18*	
40 05 19 00-1449	EA	30" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,947.42	1,221.35
		For Class 52 Rating, Deduct	*-2,210.66*	
		For Class 54 Rating, Add	*3,036.74*	
		For Class 55 Rating, Add	*4,526.02*	
		For Class 56 Rating, Add	*5,995.20*	
40 05 19 00-1450	EA	30" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,571.54	1,224.16
		For Class 52 Rating, Deduct	*-2,278.84*	
		For Class 54 Rating, Add	*3,129.77*	
		For Class 55 Rating, Add	*4,664.35*	
		For Class 56 Rating, Add	*6,178.21*	
40 05 19 00-1451	EA	30" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,195.65	1,226.95
		For Class 52 Rating, Deduct	*-2,347.03*	
		For Class 54 Rating, Add	*3,222.80*	
		For Class 55 Rating, Add	*4,802.68*	
		For Class 56 Rating, Add	*6,361.23*	
40 05 19 00-1452	EA	30" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,819.76	1,229.76
		For Class 52 Rating, Deduct	*-2,415.21*	
		For Class 54 Rating, Add	*3,315.83*	
		For Class 55 Rating, Add	*4,941.02*	
		For Class 56 Rating, Add	*6,544.24*	
40 05 19 00-1453	EA	30" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,443.87	1,232.57
		For Class 52 Rating, Deduct	*-2,483.40*	
		For Class 54 Rating, Add	*3,408.86*	
		For Class 55 Rating, Add	*5,079.35*	
		For Class 56 Rating, Add	*6,727.26*	
40 05 19 00-1454	EA	30" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,067.99	1,235.37
		For Class 52 Rating, Deduct	*-2,551.59*	
		For Class 54 Rating, Add	*3,501.90*	
		For Class 55 Rating, Add	*5,217.68*	
		For Class 56 Rating, Add	*6,910.27*	
40 05 19 00-1455	EA	30" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,692.10	1,238.16
		For Class 52 Rating, Deduct	*-2,619.77*	
		For Class 54 Rating, Add	*3,594.93*	
		For Class 55 Rating, Add	*5,356.01*	
		For Class 56 Rating, Add	*7,093.29*	
40 05 19 00-1456	EA	30" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,316.23	1,240.97
		For Class 52 Rating, Deduct	*-2,687.96*	
		For Class 54 Rating, Add	*3,687.96*	
		For Class 55 Rating, Add	*5,494.35*	
		For Class 56 Rating, Add	*7,276.30*	
40 05 19 00-1457	EA	30" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,940.35	1,243.77
		For Class 52 Rating, Deduct	*-2,756.14*	
		For Class 54 Rating, Add	*3,780.99*	
		For Class 55 Rating, Add	*5,632.68*	
		For Class 56 Rating, Add	*7,459.32*	
40 05 19 00-1458	EA	30" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,564.46	1,246.56
		For Class 52 Rating, Deduct	*-2,824.33*	
		For Class 54 Rating, Add	*3,874.02*	
		For Class 55 Rating, Add	*5,771.02*	
		For Class 56 Rating, Add	*7,642.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1459	EA	30" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,188.57	1,249.36
		For Class 52 Rating, Deduct	*-2,892.51*	
		For Class 54 Rating, Add	*3,967.05*	
		For Class 55 Rating, Add	*5,909.35*	
		For Class 56 Rating, Add	*7,825.35*	
40 05 19 00-1460	EA	30" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,812.68	1,252.17
		For Class 52 Rating, Deduct	*-2,960.70*	
		For Class 54 Rating, Add	*4,060.09*	
		For Class 55 Rating, Add	*6,047.68*	
		For Class 56 Rating, Add	*8,008.36*	
40 05 19 00-1461	EA	30" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,436.80	1,254.97
		For Class 52 Rating, Deduct	*-3,028.89*	
		For Class 54 Rating, Add	*4,153.12*	
		For Class 55 Rating, Add	*6,186.01*	
		For Class 56 Rating, Add	*8,191.38*	
40 05 19 00-1462	EA	30" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	30,060.91	1,257.76
		For Class 52 Rating, Deduct	*-3,097.07*	
		For Class 54 Rating, Add	*4,246.15*	
		For Class 55 Rating, Add	*6,324.35*	
		For Class 56 Rating, Add	*8,374.39*	

40 05 19 00-1463 36" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1464	EA	36" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,649.00	1,462.26
		For Class 52 Rating, Deduct	*-817.68*	
		For Class 54 Rating, Add	*1,141.60*	
		For Class 55 Rating, Add	*1,710.83*	
		For Class 56 Rating, Add	*2,272.62*	
40 05 19 00-1465	EA	36" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,496.46	1,465.07
		For Class 52 Rating, Deduct	*-910.43*	
		For Class 54 Rating, Add	*1,268.14*	
		For Class 55 Rating, Add	*1,898.97*	
		For Class 56 Rating, Add	*2,521.53*	
40 05 19 00-1466	EA	36" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,343.93	1,467.86
		For Class 52 Rating, Deduct	*-1,003.19*	
		For Class 54 Rating, Add	*1,394.67*	
		For Class 55 Rating, Add	*2,087.11*	
		For Class 56 Rating, Add	*2,770.43*	
40 05 19 00-1467	EA	36" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,191.39	1,470.67
		For Class 52 Rating, Deduct	*-1,095.94*	
		For Class 54 Rating, Add	*1,521.21*	
		For Class 55 Rating, Add	*2,275.25*	
		For Class 56 Rating, Add	*3,019.34*	
40 05 19 00-1468	EA	36" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,038.87	1,473.48
		For Class 52 Rating, Deduct	*-1,188.70*	
		For Class 54 Rating, Add	*1,647.74*	
		For Class 55 Rating, Add	*2,463.39*	
		For Class 56 Rating, Add	*3,268.24*	
40 05 19 00-1469	EA	36" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,886.33	1,476.27
		For Class 52 Rating, Deduct	*-1,281.45*	
		For Class 54 Rating, Add	*1,774.28*	
		For Class 55 Rating, Add	*2,651.53*	
		For Class 56 Rating, Add	*3,517.14*	
40 05 19 00-1470	EA	36" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,733.81	1,479.07
		For Class 52 Rating, Deduct	*-1,374.21*	
		For Class 54 Rating, Add	*1,900.81*	
		For Class 55 Rating, Add	*2,839.68*	
		For Class 56 Rating, Add	*3,766.05*	
40 05 19 00-1471	EA	36" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,581.28	1,481.88
		For Class 52 Rating, Deduct	*-1,466.96*	
		For Class 54 Rating, Add	*2,027.34*	
		For Class 55 Rating, Add	*3,027.82*	
		For Class 56 Rating, Add	*4,014.95*	
40 05 19 00-1472	EA	36" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,428.75	1,484.68
		For Class 52 Rating, Deduct	*-1,559.72*	
		For Class 54 Rating, Add	*2,153.88*	
		For Class 55 Rating, Add	*3,215.96*	
		For Class 56 Rating, Add	*4,263.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1473	EA	36" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,276.23	1,487.47
		For Class 52 Rating, Deduct	*-1,652.47*	
		For Class 54 Rating, Add	*2,280.42*	
		For Class 55 Rating, Add	*3,404.10*	
		For Class 56 Rating, Add	*4,512.76*	
40 05 19 00-1474	EA	36" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,123.68	1,490.28
		For Class 52 Rating, Deduct	*-1,745.23*	
		For Class 54 Rating, Add	*2,406.95*	
		For Class 55 Rating, Add	*3,592.24*	
		For Class 56 Rating, Add	*4,761.67*	
40 05 19 00-1475	EA	36" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,971.16	1,493.08
		For Class 52 Rating, Deduct	*-1,837.98*	
		For Class 54 Rating, Add	*2,533.48*	
		For Class 55 Rating, Add	*3,780.38*	
		For Class 56 Rating, Add	*5,010.57*	
40 05 19 00-1476	EA	36" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,818.62	1,495.87
		For Class 52 Rating, Deduct	*-1,930.74*	
		For Class 54 Rating, Add	*2,660.02*	
		For Class 55 Rating, Add	*3,968.52*	
		For Class 56 Rating, Add	*5,259.47*	
40 05 19 00-1477	EA	36" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,666.10	1,498.67
		For Class 52 Rating, Deduct	*-2,023.49*	
		For Class 54 Rating, Add	*2,786.55*	
		For Class 55 Rating, Add	*4,156.67*	
		For Class 56 Rating, Add	*5,508.38*	
40 05 19 00-1478	EA	36" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,513.56	1,501.49
		For Class 52 Rating, Deduct	*-2,116.24*	
		For Class 54 Rating, Add	*2,913.09*	
		For Class 55 Rating, Add	*4,344.80*	
		For Class 56 Rating, Add	*5,757.28*	
40 05 19 00-1479	EA	36" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,361.04	1,504.29
		For Class 52 Rating, Deduct	*-2,209.00*	
		For Class 54 Rating, Add	*3,039.62*	
		For Class 55 Rating, Add	*4,532.95*	
		For Class 56 Rating, Add	*6,006.19*	
40 05 19 00-1480	EA	36" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,208.51	1,507.08
		For Class 52 Rating, Deduct	*-2,301.75*	
		For Class 54 Rating, Add	*3,166.16*	
		For Class 55 Rating, Add	*4,721.09*	
		For Class 56 Rating, Add	*6,255.09*	
40 05 19 00-1481	EA	36" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,055.97	1,509.89
		For Class 52 Rating, Deduct	*-2,394.51*	
		For Class 54 Rating, Add	*3,292.69*	
		For Class 55 Rating, Add	*4,909.23*	
		For Class 56 Rating, Add	*6,504.00*	
40 05 19 00-1482	EA	36" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,903.45	1,512.69
		For Class 52 Rating, Deduct	*-2,487.27*	
		For Class 54 Rating, Add	*3,419.23*	
		For Class 55 Rating, Add	*5,097.37*	
		For Class 56 Rating, Add	*6,752.90*	
40 05 19 00-1483	EA	36" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,750.91	1,515.49
		For Class 52 Rating, Deduct	*-2,580.02*	
		For Class 54 Rating, Add	*3,545.76*	
		For Class 55 Rating, Add	*5,285.51*	
		For Class 56 Rating, Add	*7,001.81*	
40 05 19 00-1484	EA	36" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,598.39	1,518.29
		For Class 52 Rating, Deduct	*-2,672.77*	
		For Class 54 Rating, Add	*3,672.30*	
		For Class 55 Rating, Add	*5,473.65*	
		For Class 56 Rating, Add	*7,250.71*	
40 05 19 00-1485	EA	36" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,445.85	1,521.09
		For Class 52 Rating, Deduct	*-2,765.53*	
		For Class 54 Rating, Add	*3,798.83*	
		For Class 55 Rating, Add	*5,661.79*	
		For Class 56 Rating, Add	*7,499.61*	
40 05 19 00-1486	EA	36" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,293.33	1,523.89
		For Class 52 Rating, Deduct	*-2,858.28*	
		For Class 54 Rating, Add	*3,925.37*	
		For Class 55 Rating, Add	*5,849.94*	
		For Class 56 Rating, Add	*7,748.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1487	EA	36" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,140.80	1,526.69
		For Class 52 Rating, Deduct	*-2,951.04*	
		For Class 54 Rating, Add	*4,051.90*	
		For Class 55 Rating, Add	*6,038.08*	
		For Class 56 Rating, Add	*7,997.42*	
40 05 19 00-1488	EA	36" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,988.27	1,529.49
		For Class 52 Rating, Deduct	*-3,043.79*	
		For Class 54 Rating, Add	*4,178.44*	
		For Class 55 Rating, Add	*6,226.22*	
		For Class 56 Rating, Add	*8,246.33*	
40 05 19 00-1489	EA	36" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	30,835.74	1,532.30
		For Class 52 Rating, Deduct	*-3,136.55*	
		For Class 54 Rating, Add	*4,304.97*	
		For Class 55 Rating, Add	*6,414.36*	
		For Class 56 Rating, Add	*8,495.23*	
40 05 19 00-1490	EA	36" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	31,683.20	1,535.11
		For Class 52 Rating, Deduct	*-3,229.30*	
		For Class 54 Rating, Add	*4,431.51*	
		For Class 55 Rating, Add	*6,602.50*	
		For Class 56 Rating, Add	*8,744.14*	
40 05 19 00-1491	EA	36" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	32,530.68	1,537.90
		For Class 52 Rating, Deduct	*-3,322.06*	
		For Class 54 Rating, Add	*4,558.04*	
		For Class 55 Rating, Add	*6,790.64*	
		For Class 56 Rating, Add	*8,993.04*	
40 05 19 00-1492	EA	36" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	33,378.14	1,540.70
		For Class 52 Rating, Deduct	*-3,414.81*	
		For Class 54 Rating, Add	*4,684.58*	
		For Class 55 Rating, Add	*6,978.78*	
		For Class 56 Rating, Add	*9,241.94*	
40 05 19 00-1493	EA	36" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	34,225.62	1,543.51
		For Class 52 Rating, Deduct	*-3,507.57*	
		For Class 54 Rating, Add	*4,811.11*	
		For Class 55 Rating, Add	*7,166.92*	
		For Class 56 Rating, Add	*9,490.85*	
40 05 19 00-1494	EA	36" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	35,073.09	1,546.30
		For Class 52 Rating, Deduct	*-3,600.32*	
		For Class 54 Rating, Add	*4,937.64*	
		For Class 55 Rating, Add	*7,355.06*	
		For Class 56 Rating, Add	*9,739.75*	
40 05 19 00-1495	EA	36" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	35,920.56	1,549.10
		For Class 52 Rating, Deduct	*-3,693.08*	
		For Class 54 Rating, Add	*5,064.18*	
		For Class 55 Rating, Add	*7,543.21*	
		For Class 56 Rating, Add	*9,988.66*	
40 05 19 00-1496	EA	36" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	36,768.03	1,551.90
		For Class 52 Rating, Deduct	*-3,785.83*	
		For Class 54 Rating, Add	*5,190.71*	
		For Class 55 Rating, Add	*7,731.35*	
		For Class 56 Rating, Add	*10,237.56*	
40 05 19 00-1497	EA	36" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	37,615.49	1,554.71
		For Class 52 Rating, Deduct	*-3,878.59*	
		For Class 54 Rating, Add	*5,317.25*	
		For Class 55 Rating, Add	*7,919.49*	
		For Class 56 Rating, Add	*10,486.47*	
40 05 19 00-1498	EA	36" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	38,462.97	1,557.50
		For Class 52 Rating, Deduct	*-3,971.34*	
		For Class 54 Rating, Add	*5,443.78*	
		For Class 55 Rating, Add	*8,107.63*	
		For Class 56 Rating, Add	*10,735.37*	
40 05 19 00-1499	EA	36" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	39,310.43	1,560.31
		For Class 52 Rating, Deduct	*-4,064.10*	
		For Class 54 Rating, Add	*5,570.32*	
		For Class 55 Rating, Add	*8,295.77*	
		For Class 56 Rating, Add	*10,984.27*	
40 05 19 00-1500	EA	36" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	40,157.91	1,563.12
		For Class 52 Rating, Deduct	*-4,156.85*	
		For Class 54 Rating, Add	*5,696.85*	
		For Class 55 Rating, Add	*8,483.91*	
		For Class 56 Rating, Add	*11,233.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1501	EA	36" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	41,005.37	1,565.91
		For Class 52 Rating, Deduct	*-4,249.61*	
		For Class 54 Rating, Add	*5,823.39*	
		For Class 55 Rating, Add	*8,672.05*	
		For Class 56 Rating, Add	*11,482.08*	

40 05 19 00-1502 42" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1503	EA	42" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,758.40	1,843.24
		For Class 52 Rating, Deduct	*-1,096.22*	
		For Class 54 Rating, Add	*1,528.36*	
		For Class 55 Rating, Add	*2,289.36*	
		For Class 56 Rating, Add	*3,040.40*	
40 05 19 00-1504	EA	42" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,022.47	1,846.03
		For Class 52 Rating, Deduct	*-1,234.80*	
		For Class 54 Rating, Add	*1,717.38*	
		For Class 55 Rating, Add	*2,570.40*	
		For Class 56 Rating, Add	*3,412.20*	
40 05 19 00-1505	EA	42" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,271.47	1,848.84
		For Class 52 Rating, Deduct	*-1,371.72*	
		For Class 54 Rating, Add	*1,904.15*	
		For Class 55 Rating, Add	*2,848.09*	
		For Class 56 Rating, Add	*3,779.55*	
40 05 19 00-1506	EA	42" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,533.03	1,851.64
		For Class 52 Rating, Deduct	*-1,510.03*	
		For Class 54 Rating, Add	*2,092.79*	
		For Class 55 Rating, Add	*3,128.57*	
		For Class 56 Rating, Add	*4,150.61*	
40 05 19 00-1507	EA	42" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,782.04	1,854.45
		For Class 52 Rating, Deduct	*-1,646.95*	
		For Class 54 Rating, Add	*2,279.56*	
		For Class 55 Rating, Add	*3,406.25*	
		For Class 56 Rating, Add	*4,517.97*	
40 05 19 00-1508	EA	42" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,046.10	1,857.24
		For Class 52 Rating, Deduct	*-1,785.53*	
		For Class 54 Rating, Add	*2,468.58*	
		For Class 55 Rating, Add	*3,687.29*	
		For Class 56 Rating, Add	*4,889.77*	
40 05 19 00-1509	EA	42" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,292.59	1,860.04
		For Class 52 Rating, Deduct	*-1,922.18*	
		For Class 54 Rating, Add	*2,654.97*	
		For Class 55 Rating, Add	*3,964.42*	
		For Class 56 Rating, Add	*5,256.39*	
40 05 19 00-1510	EA	42" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,556.65	1,862.85
		For Class 52 Rating, Deduct	*-2,060.76*	
		For Class 54 Rating, Add	*2,843.99*	
		For Class 55 Rating, Add	*4,245.46*	
		For Class 56 Rating, Add	*5,628.19*	
40 05 19 00-1511	EA	42" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,805.67	1,865.66
		For Class 52 Rating, Deduct	*-2,197.68*	
		For Class 54 Rating, Add	*3,030.76*	
		For Class 55 Rating, Add	*4,523.14*	
		For Class 56 Rating, Add	*5,995.55*	
40 05 19 00-1512	EA	42" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,067.22	1,868.45
		For Class 52 Rating, Deduct	*-2,335.99*	
		For Class 54 Rating, Add	*3,219.41*	
		For Class 55 Rating, Add	*4,803.63*	
		For Class 56 Rating, Add	*6,366.61*	
40 05 19 00-1513	EA	42" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,316.23	1,871.25
		For Class 52 Rating, Deduct	*-2,472.91*	
		For Class 54 Rating, Add	*3,406.17*	
		For Class 55 Rating, Add	*5,081.31*	
		For Class 56 Rating, Add	*6,733.96*	
40 05 19 00-1514	EA	42" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,577.79	1,874.06
		For Class 52 Rating, Deduct	*-2,611.21*	
		For Class 54 Rating, Add	*3,594.82*	
		For Class 55 Rating, Add	*5,361.79*	
		For Class 56 Rating, Add	*7,105.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1515	EA	42" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,826.79	1,876.85
		For Class 52 Rating, Deduct	*-2,748.14*	
		For Class 54 Rating, Add	*3,781.59*	
		For Class 55 Rating, Add	*5,639.47*	
		For Class 56 Rating, Add	*7,472.38*	
40 05 19 00-1516	EA	42" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,078.30	1,879.65
		For Class 52 Rating, Deduct	*-2,885.34*	
		For Class 54 Rating, Add	*3,968.73*	
		For Class 55 Rating, Add	*5,917.72*	
		For Class 56 Rating, Add	*7,840.48*	
40 05 19 00-1517	EA	42" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	30,337.34	1,882.46
		For Class 52 Rating, Deduct	*-3,023.37*	
		For Class 54 Rating, Add	*4,157.00*	
		For Class 55 Rating, Add	*6,197.64*	
		For Class 56 Rating, Add	*8,210.80*	
40 05 19 00-1518	EA	42" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	31,586.35	1,885.26
		For Class 52 Rating, Deduct	*-3,160.29*	
		For Class 54 Rating, Add	*4,343.76*	
		For Class 55 Rating, Add	*6,475.32*	
		For Class 56 Rating, Add	*8,578.15*	
40 05 19 00-1519	EA	42" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	32,850.41	1,888.05
		For Class 52 Rating, Deduct	*-3,298.87*	
		For Class 54 Rating, Add	*4,532.79*	
		For Class 55 Rating, Add	*6,756.36*	
		For Class 56 Rating, Add	*8,949.95*	
40 05 19 00-1520	EA	42" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	34,099.42	1,890.86
		For Class 52 Rating, Deduct	*-3,435.79*	
		For Class 54 Rating, Add	*4,719.55*	
		For Class 55 Rating, Add	*7,034.05*	
		For Class 56 Rating, Add	*9,317.31*	
40 05 19 00-1521	EA	42" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	35,360.98	1,893.67
		For Class 52 Rating, Deduct	*-3,574.10*	
		For Class 54 Rating, Add	*4,908.20*	
		For Class 55 Rating, Add	*7,314.53*	
		For Class 56 Rating, Add	*9,688.37*	
40 05 19 00-1522	EA	42" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	36,609.98	1,896.46
		For Class 52 Rating, Deduct	*-3,711.02*	
		For Class 54 Rating, Add	*5,094.96*	
		For Class 55 Rating, Add	*7,592.21*	
		For Class 56 Rating, Add	*10,055.73*	
40 05 19 00-1523	EA	42" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	37,874.05	1,899.26
		For Class 52 Rating, Deduct	*-3,849.60*	
		For Class 54 Rating, Add	*5,283.99*	
		For Class 55 Rating, Add	*7,873.25*	
		For Class 56 Rating, Add	*10,427.53*	
40 05 19 00-1524	EA	42" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	39,123.04	1,902.07
		For Class 52 Rating, Deduct	*-3,986.52*	
		For Class 54 Rating, Add	*5,470.75*	
		For Class 55 Rating, Add	*8,150.94*	
		For Class 56 Rating, Add	*10,794.88*	
40 05 19 00-1525	EA	42" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	40,384.60	1,904.87
		For Class 52 Rating, Deduct	*-4,124.83*	
		For Class 54 Rating, Add	*5,659.40*	
		For Class 55 Rating, Add	*8,431.42*	
		For Class 56 Rating, Add	*11,165.94*	
40 05 19 00-1526	EA	42" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	41,633.60	1,907.66
		For Class 52 Rating, Deduct	*-4,261.75*	
		For Class 54 Rating, Add	*5,846.16*	
		For Class 55 Rating, Add	*8,709.10*	
		For Class 56 Rating, Add	*11,533.30*	
40 05 19 00-1527	EA	42" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	42,897.67	1,910.47
		For Class 52 Rating, Deduct	*-4,400.33*	
		For Class 54 Rating, Add	*6,035.19*	
		For Class 55 Rating, Add	*8,990.15*	
		For Class 56 Rating, Add	*11,905.10*	
40 05 19 00-1528	EA	42" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	44,146.68	1,913.27
		For Class 52 Rating, Deduct	*-4,537.26*	
		For Class 54 Rating, Add	*6,221.96*	
		For Class 55 Rating, Add	*9,267.83*	
		For Class 56 Rating, Add	*12,272.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1529	EA	42" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	45,405.73	1,916.06
		For Class 52 Rating, Deduct	*-4,675.28*	
		For Class 54 Rating, Add	*6,410.23*	
		For Class 55 Rating, Add	*9,547.75*	
		For Class 56 Rating, Add	*12,642.78*	
40 05 19 00-1530	EA	42" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	46,657.25	1,918.87
		For Class 52 Rating, Deduct	*-4,812.48*	
		For Class 54 Rating, Add	*6,597.37*	
		For Class 55 Rating, Add	*9,826.00*	
		For Class 56 Rating, Add	*13,010.87*	
40 05 19 00-1531	EA	42" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	47,655.29	1,921.67
		For Class 52 Rating, Deduct	*-4,921.80*	
		For Class 54 Rating, Add	*6,746.49*	
		For Class 55 Rating, Add	*10,047.72*	
		For Class 56 Rating, Add	*13,304.20*	
40 05 19 00-1532	EA	42" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	49,167.80	1,924.48
		For Class 52 Rating, Deduct	*-5,087.71*	
		For Class 54 Rating, Add	*6,972.78*	
		For Class 55 Rating, Add	*10,384.16*	
		For Class 56 Rating, Add	*13,749.29*	
40 05 19 00-1533	EA	42" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	50,416.80	1,927.28
		For Class 52 Rating, Deduct	*-5,224.64*	
		For Class 54 Rating, Add	*7,159.54*	
		For Class 55 Rating, Add	*10,661.84*	
		For Class 56 Rating, Add	*14,116.65*	
40 05 19 00-1534	EA	42" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	51,678.36	1,930.08
		For Class 52 Rating, Deduct	*-5,362.94*	
		For Class 54 Rating, Add	*7,348.19*	
		For Class 55 Rating, Add	*10,942.33*	
		For Class 56 Rating, Add	*14,487.71*	
40 05 19 00-1535	EA	42" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	52,927.36	1,932.88
		For Class 52 Rating, Deduct	*-5,499.86*	
		For Class 54 Rating, Add	*7,534.96*	
		For Class 55 Rating, Add	*11,220.01*	
		For Class 56 Rating, Add	*14,855.06*	
40 05 19 00-1536	EA	42" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	54,191.43	1,935.69
		For Class 52 Rating, Deduct	*-5,638.44*	
		For Class 54 Rating, Add	*7,723.98*	
		For Class 55 Rating, Add	*11,501.05*	
		For Class 56 Rating, Add	*15,226.86*	
40 05 19 00-1537	EA	42" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	55,437.93	1,938.48
		For Class 52 Rating, Deduct	*-5,775.09*	
		For Class 54 Rating, Add	*7,910.37*	
		For Class 55 Rating, Add	*11,778.18*	
		For Class 56 Rating, Add	*15,593.48*	
40 05 19 00-1538	EA	42" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	56,701.99	1,941.28
		For Class 52 Rating, Deduct	*-5,913.67*	
		For Class 54 Rating, Add	*8,099.39*	
		For Class 55 Rating, Add	*12,059.22*	
		For Class 56 Rating, Add	*15,965.28*	
40 05 19 00-1539	EA	42" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	57,951.00	1,944.09
		For Class 52 Rating, Deduct	*-6,050.60*	
		For Class 54 Rating, Add	*8,286.16*	
		For Class 55 Rating, Add	*12,336.90*	
		For Class 56 Rating, Add	*16,332.64*	
40 05 19 00-1540	EA	42" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	59,212.54	1,946.88
		For Class 52 Rating, Deduct	*-6,188.90*	
		For Class 54 Rating, Add	*8,474.81*	
		For Class 55 Rating, Add	*12,617.38*	
		For Class 56 Rating, Add	*16,703.70*	
40 05 19 00-1541		48" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*		
40 05 19 00-1542	EA	48" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,469.65	2,316.64
		For Class 52 Rating, Deduct	*-1,425.55*	
		For Class 54 Rating, Add	*1,986.06*	
		For Class 55 Rating, Add	*2,974.23*	
		For Class 56 Rating, Add	*3,949.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1543	EA	48" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,308.41	2,319.46
		For Class 52 Rating, Deduct	*-1,627.35*	
		For Class 54 Rating, Add	*2,261.29*	
		For Class 55 Rating, Add	*3,383.43*	
		For Class 56 Rating, Add	*4,490.77*	
40 05 19 00-1544	EA	48" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,144.67	2,322.26
		For Class 52 Rating, Deduct	*-1,828.87*	
		For Class 54 Rating, Add	*2,536.14*	
		For Class 55 Rating, Add	*3,792.07*	
		For Class 56 Rating, Add	*5,031.37*	
40 05 19 00-1545	EA	48" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,995.98	2,325.06
		For Class 52 Rating, Deduct	*-2,032.05*	
		For Class 54 Rating, Add	*2,813.25*	
		For Class 55 Rating, Add	*4,204.06*	
		For Class 56 Rating, Add	*5,576.41*	
40 05 19 00-1546	EA	48" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,834.74	2,327.86
		For Class 52 Rating, Deduct	*-2,233.84*	
		For Class 54 Rating, Add	*3,088.48*	
		For Class 55 Rating, Add	*4,613.26*	
		For Class 56 Rating, Add	*6,117.74*	
40 05 19 00-1547	EA	48" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,673.51	2,330.66
		For Class 52 Rating, Deduct	*-2,435.64*	
		For Class 54 Rating, Add	*3,363.71*	
		For Class 55 Rating, Add	*5,022.46*	
		For Class 56 Rating, Add	*6,659.08*	
40 05 19 00-1548	EA	48" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,522.31	2,333.46
		For Class 52 Rating, Deduct	*-2,638.54*	
		For Class 54 Rating, Add	*3,640.44*	
		For Class 55 Rating, Add	*5,433.90*	
		For Class 56 Rating, Add	*7,203.37*	
40 05 19 00-1549	EA	48" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,363.57	2,336.26
		For Class 52 Rating, Deduct	*-2,840.62*	
		For Class 54 Rating, Add	*3,916.04*	
		For Class 55 Rating, Add	*5,843.66*	
		For Class 56 Rating, Add	*7,745.45*	
40 05 19 00-1550	EA	48" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	31,199.82	2,339.06
		For Class 52 Rating, Deduct	*-3,042.14*	
		For Class 54 Rating, Add	*4,190.90*	
		For Class 55 Rating, Add	*6,252.30*	
		For Class 56 Rating, Add	*8,286.04*	
40 05 19 00-1551	EA	48" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	33,051.14	2,341.86
		For Class 52 Rating, Deduct	*-3,245.31*	
		For Class 54 Rating, Add	*4,468.01*	
		For Class 55 Rating, Add	*6,664.30*	
		For Class 56 Rating, Add	*8,831.08*	
40 05 19 00-1552	EA	48" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	34,889.90	2,344.67
		For Class 52 Rating, Deduct	*-3,447.11*	
		For Class 54 Rating, Add	*4,743.24*	
		For Class 55 Rating, Add	*7,073.50*	
		For Class 56 Rating, Add	*9,372.42*	
40 05 19 00-1553	EA	48" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	36,741.21	2,347.46
		For Class 52 Rating, Deduct	*-3,650.29*	
		For Class 54 Rating, Add	*5,020.35*	
		For Class 55 Rating, Add	*7,485.49*	
		For Class 56 Rating, Add	*9,917.45*	
40 05 19 00-1554	EA	48" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	38,577.46	2,350.27
		For Class 52 Rating, Deduct	*-3,851.81*	
		For Class 54 Rating, Add	*5,295.20*	
		For Class 55 Rating, Add	*7,894.13*	
		For Class 56 Rating, Add	*10,458.05*	
40 05 19 00-1555	EA	48" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	40,416.23	2,353.08
		For Class 52 Rating, Deduct	*-4,053.61*	
		For Class 54 Rating, Add	*5,570.43*	
		For Class 55 Rating, Add	*8,303.33*	
		For Class 56 Rating, Add	*10,999.39*	
40 05 19 00-1556	EA	48" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	42,267.54	2,355.88
		For Class 52 Rating, Deduct	*-4,256.78*	
		For Class 54 Rating, Add	*5,847.54*	
		For Class 55 Rating, Add	*8,715.33*	
		For Class 56 Rating, Add	*11,544.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1557	EA	48" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	44,106.29	2,358.67
		For Class 52 Rating, Deduct	*-4,458.58*	
		For Class 54 Rating, Add	*6,122.77*	
		For Class 55 Rating, Add	*9,124.53*	
		For Class 56 Rating, Add	*12,085.76*	
40 05 19 00-1558	EA	48" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	45,942.55	2,361.47
		For Class 52 Rating, Deduct	*-4,660.10*	
		For Class 54 Rating, Add	*6,397.62*	
		For Class 55 Rating, Add	*9,533.17*	
		For Class 56 Rating, Add	*12,626.35*	
40 05 19 00-1559	EA	48" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	47,793.85	2,364.28
		For Class 52 Rating, Deduct	*-4,863.28*	
		For Class 54 Rating, Add	*6,674.73*	
		For Class 55 Rating, Add	*9,945.16*	
		For Class 56 Rating, Add	*13,171.39*	
40 05 19 00-1560	EA	48" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	49,632.62	2,367.07
		For Class 52 Rating, Deduct	*-5,065.08*	
		For Class 54 Rating, Add	*6,949.96*	
		For Class 55 Rating, Add	*10,354.36*	
		For Class 56 Rating, Add	*13,712.72*	
40 05 19 00-1561	EA	48" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	51,468.87	2,369.87
		For Class 52 Rating, Deduct	*-5,266.60*	
		For Class 54 Rating, Add	*7,224.81*	
		For Class 55 Rating, Add	*10,763.00*	
		For Class 56 Rating, Add	*14,253.32*	
40 05 19 00-1562	EA	48" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	53,320.18	2,372.68
		For Class 52 Rating, Deduct	*-5,469.77*	
		For Class 54 Rating, Add	*7,501.92*	
		For Class 55 Rating, Add	*11,175.00*	
		For Class 56 Rating, Add	*14,798.36*	
40 05 19 00-1563	EA	48" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	55,161.46	2,375.48
		For Class 52 Rating, Deduct	*-5,671.85*	
		For Class 54 Rating, Add	*7,777.53*	
		For Class 55 Rating, Add	*11,584.76*	
		For Class 56 Rating, Add	*15,340.43*	
40 05 19 00-1564	EA	48" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	56,997.71	2,378.27
		For Class 52 Rating, Deduct	*-5,873.37*	
		For Class 54 Rating, Add	*8,052.38*	
		For Class 55 Rating, Add	*11,993.40*	
		For Class 56 Rating, Add	*15,881.03*	
40 05 19 00-1565	EA	48" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	58,849.02	2,381.09
		For Class 52 Rating, Deduct	*-6,076.55*	
		For Class 54 Rating, Add	*8,329.49*	
		For Class 55 Rating, Add	*12,405.40*	
		For Class 56 Rating, Add	*16,426.07*	
40 05 19 00-1566	EA	48" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	60,687.77	2,383.89
		For Class 52 Rating, Deduct	*-6,278.34*	
		For Class 54 Rating, Add	*8,604.72*	
		For Class 55 Rating, Add	*12,814.60*	
		For Class 56 Rating, Add	*16,967.40*	
40 05 19 00-1567	EA	48" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	62,524.03	2,386.68
		For Class 52 Rating, Deduct	*-6,479.86*	
		For Class 54 Rating, Add	*8,879.57*	
		For Class 55 Rating, Add	*13,223.24*	
		For Class 56 Rating, Add	*17,508.00*	
40 05 19 00-1568	EA	48" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	64,375.34	2,389.49
		For Class 52 Rating, Deduct	*-6,683.04*	
		For Class 54 Rating, Add	*9,156.68*	
		For Class 55 Rating, Add	*13,635.24*	
		For Class 56 Rating, Add	*18,053.03*	
40 05 19 00-1569	EA	48" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	66,214.10	2,392.29
		For Class 52 Rating, Deduct	*-6,884.84*	
		For Class 54 Rating, Add	*9,431.91*	
		For Class 55 Rating, Add	*14,044.43*	
		For Class 56 Rating, Add	*18,594.37*	
40 05 19 00-1570	EA	48" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	67,827.01	2,395.09
		For Class 52 Rating, Deduct	*-7,061.79*	
		For Class 54 Rating, Add	*9,673.26*	
		For Class 55 Rating, Add	*14,403.27*	
		For Class 56 Rating, Add	*19,069.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1571	EA	48" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	69,904.18	2,397.89
		For Class 52 Rating, Deduct	*-7,289.81*	
		For Class 54 Rating, Add	*9,984.25*	
		For Class 55 Rating, Add	*14,865.63*	
		For Class 56 Rating, Add	*19,680.74*	
40 05 19 00-1572	EA	48" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	71,740.44	2,400.69
		For Class 52 Rating, Deduct	*-7,491.33*	
		For Class 54 Rating, Add	*10,259.10*	
		For Class 55 Rating, Add	*15,274.27*	
		For Class 56 Rating, Add	*20,221.34*	
40 05 19 00-1573	EA	48" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	73,594.24	2,403.49
		For Class 52 Rating, Deduct	*-7,694.78*	
		For Class 54 Rating, Add	*10,536.59*	
		For Class 55 Rating, Add	*15,686.83*	
		For Class 56 Rating, Add	*20,767.11*	
40 05 19 00-1574	EA	48" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	75,430.50	2,406.28
		For Class 52 Rating, Deduct	*-7,896.31*	
		For Class 54 Rating, Add	*10,811.44*	
		For Class 55 Rating, Add	*16,095.47*	
		For Class 56 Rating, Add	*21,307.71*	
40 05 19 00-1575	EA	48" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	77,266.75	2,409.10
		For Class 52 Rating, Deduct	*-8,097.83*	
		For Class 54 Rating, Add	*11,086.29*	
		For Class 55 Rating, Add	*16,504.11*	
		For Class 56 Rating, Add	*21,848.30*	
40 05 19 00-1576	EA	48" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	79,120.57	2,411.90
		For Class 52 Rating, Deduct	*-8,301.28*	
		For Class 54 Rating, Add	*11,363.78*	
		For Class 55 Rating, Add	*16,916.66*	
		For Class 56 Rating, Add	*22,394.08*	
40 05 19 00-1577	EA	48" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	80,956.82	2,414.70
		For Class 52 Rating, Deduct	*-8,502.80*	
		For Class 54 Rating, Add	*11,638.63*	
		For Class 55 Rating, Add	*17,325.30*	
		For Class 56 Rating, Add	*22,934.68*	
40 05 19 00-1578	EA	48" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	82,795.59	2,417.50
		For Class 52 Rating, Deduct	*-8,704.60*	
		For Class 54 Rating, Add	*11,913.86*	
		For Class 55 Rating, Add	*17,734.50*	
		For Class 56 Rating, Add	*23,476.01*	
40 05 19 00-1579	EA	48" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	84,646.90	2,420.30
		For Class 52 Rating, Deduct	*-8,907.77*	
		For Class 54 Rating, Add	*12,190.97*	
		For Class 55 Rating, Add	*18,146.50*	
		For Class 56 Rating, Add	*24,021.05*	

40 05 19 00-1580 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbows *(40 05 19 00-0001)*

40 05 19 00-1581	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	409.64	135.15
40 05 19 00-1582	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	578.88	172.83
40 05 19 00-1583	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	818.49	195.76
40 05 19 00-1584	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	1,204.46	248.18
40 05 19 00-1585	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	1,496.64	275.21
40 05 19 00-1586	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	1,873.57	298.96
40 05 19 00-1587	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	2,308.04	368.58
40 05 19 00-1588	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	3,035.82	442.31
40 05 19 00-1589	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	3,737.43	556.98
40 05 19 00-1590	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	5,725.80	630.70
40 05 19 00-1591	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	9,671.28	835.46
40 05 19 00-1592	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	13,753.67	946.04
40 05 19 00-1593	EA	42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	23,127.99	1,081.20
40 05 19 00-1594	EA	48" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	30,815.60	1,326.92

40 05 19 00-1595 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbows *(40 05 19 00-0001)*

40 05 19 00-1596	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	387.21	135.15
40 05 19 00-1597	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	542.99	172.83
40 05 19 00-1598	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	727.27	195.76
40 05 19 00-1599	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	1,072.87	248.18
40 05 19 00-1600	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	1,329.16	275.21
40 05 19 00-1601	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	1,532.63	298.96
40 05 19 00-1602	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	1,931.21	368.58
40 05 19 00-1603	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	2,528.89	442.31

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1604	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	3,275.37	556.98
40 05 19 00-1605	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	4,332.12	630.70
40 05 19 00-1606	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	8,651.44	835.46
40 05 19 00-1607	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	13,008.98	946.04
40 05 19 00-1608	EA	42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	19,926.42	1,081.20
40 05 19 00-1609	EA	48" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	27,193.84	1,326.92
40 05 19 00-1610		Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbows *(40 05 19 00-0001)*		
40 05 19 00-1611	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	385.72	135.15
40 05 19 00-1612	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	531.02	172.83
40 05 19 00-1613	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	716.81	195.76
40 05 19 00-1614	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	1,042.96	248.18
40 05 19 00-1615	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	1,394.96	275.21
40 05 19 00-1616	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	1,740.48	298.96
40 05 19 00-1617	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	1,977.57	368.58
40 05 19 00-1618	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	2,585.72	442.31
40 05 19 00-1619	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	3,522.10	556.98
40 05 19 00-1620	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	4,894.38	630.70
40 05 19 00-1621	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	8,751.63	835.46
40 05 19 00-1622	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	13,239.27	946.04
40 05 19 00-1623	EA	42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	20,385.50	1,081.20
40 05 19 00-1624	EA	48" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	27,791.98	1,326.92
40 05 19 00-1625		Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbows *(40 05 19 00-0001)*		
40 05 19 00-1626	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	423.10	135.15
40 05 19 00-1627	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	601.31	172.83
40 05 19 00-1628	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	746.71	195.76
40 05 19 00-1629	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	1,149.13	248.18
40 05 19 00-1630	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	1,590.85	275.21
40 05 19 00-1631	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	1,791.33	298.96
40 05 19 00-1632	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	2,189.91	368.58
40 05 19 00-1633	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	2,585.72	442.31
40 05 19 00-1634	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	3,522.10	556.98
40 05 19 00-1635	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	5,096.25	630.70
40 05 19 00-1636	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	8,851.82	835.46
40 05 19 00-1637	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	13,337.96	946.04
40 05 19 00-1638	EA	42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	20,490.17	1,081.20
40 05 19 00-1639	EA	48" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	28,002.83	1,326.92
40 05 19 00-1640		Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbows *(40 05 19 00-0001)*		
40 05 19 00-1641	EA	6" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	548.84	153.99
40 05 19 00-1642	EA	8" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	681.35	165.45
40 05 19 00-1643	EA	8" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	768.21	184.29
40 05 19 00-1644	EA	10" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,035.09	191.66
40 05 19 00-1645	EA	10" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,092.05	210.50
40 05 19 00-1646	EA	10" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,194.66	221.97
40 05 19 00-1647	EA	12" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,113.01	205.59
40 05 19 00-1648	EA	12" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,255.20	224.43
40 05 19 00-1649	EA	12" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,446.04	235.90
40 05 19 00-1650	EA	12" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,539.60	262.11
40 05 19 00-1651	EA	14" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,446.04	235.90
40 05 19 00-1652	EA	14" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,603.99	247.37
40 05 19 00-1653	EA	14" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,787.25	273.58
40 05 19 00-1654	EA	14" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,980.31	287.50
40 05 19 00-1655	EA	16" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,667.76	270.71
40 05 19 00-1656	EA	16" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,800.28	282.18
40 05 19 00-1657	EA	16" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,068.78	308.39
40 05 19 00-1658	EA	16" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,259.73	321.90
40 05 19 00-1659	EA	16" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,421.29	333.77
40 05 19 00-1660	EA	18" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,952.40	307.56
40 05 19 00-1661	EA	18" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,342.12	319.03
40 05 19 00-1662	EA	18" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,410.24	345.24
40 05 19 00-1663	EA	18" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,545.86	358.76
40 05 19 00-1664	EA	18" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,764.24	370.64
40 05 19 00-1665	EA	18" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,014.37	405.45
40 05 19 00-1666	EA	20" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,523.77	364.90
40 05 19 00-1667	EA	20" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,695.17	376.37
40 05 19 00-1668	EA	20" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,349.47	402.58
40 05 19 00-1669	EA	20" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,476.11	416.10
40 05 19 00-1670	EA	20" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,838.04	427.97
40 05 19 00-1671	EA	20" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,748.73	462.78
40 05 19 00-1672	EA	20" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,990.01	499.65
40 05 19 00-1673	EA	24" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,563.56	401.76
40 05 19 00-1674	EA	24" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,736.46	413.23

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1675	EA	24" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	4,021.41	439.44
40 05 19 00-1676	EA	24" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	4,227.30	452.95
40 05 19 00-1677	EA	24" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	4,614.66	464.84
40 05 19 00-1678	EA	24" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	4,973.96	499.65
40 05 19 00-1679	EA	24" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	5,091.10	536.50
40 05 19 00-1680	EA	24" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	5,358.76	530.57
40 05 19 00-1681	EA	30" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	6,380.23	555.34
40 05 19 00-1682	EA	30" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	6,794.50	567.21
40 05 19 00-1683	EA	30" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	7,663.72	602.02
40 05 19 00-1684	EA	30" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	8,915.85	638.89
40 05 19 00-1685	EA	30" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	10,314.15	696.22
40 05 19 00-1686	EA	30" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	10,893.38	733.08
40 05 19 00-1687	EA	36" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	8,807.23	610.63
40 05 19 00-1688	EA	36" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	11,427.16	622.51
40 05 19 00-1689	EA	36" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	9,274.25	657.32
40 05 19 00-1690	EA	36" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	12,129.41	694.18
40 05 19 00-1691	EA	36" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	11,592.71	751.51
40 05 19 00-1692	EA	36" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	12,642.98	788.37
40 05 19 00-1693	EA	36" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	13,482.98	890.76
40 05 19 00-1694	EA	42" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	15,626.84	690.08
40 05 19 00-1695	EA	42" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	13,162.88	724.90
40 05 19 00-1696	EA	42" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	17,754.16	761.75
40 05 19 00-1697	EA	42" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	17,462.71	819.08
40 05 19 00-1698	EA	42" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	15,226.17	855.95
40 05 19 00-1699	EA	42" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	17,947.33	958.33
40 05 19 00-1700	EA	42" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	25,382.30	1,013.62
40 05 19 00-1701	EA	48" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	24,290.83	989.05
40 05 19 00-1702	EA	48" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	26,415.36	1,091.43
40 05 19 00-1703	EA	48" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	27,186.98	1,146.72
40 05 19 00-1704	EA	48" x 42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	34,794.58	1,214.30
40 05 19 00-1705		Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbows *(40 05 19 00-0001)*		
40 05 19 00-1706	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	491.89	135.15
40 05 19 00-1707	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	762.81	172.83
40 05 19 00-1708	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	1,126.53	195.76
40 05 19 00-1709	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	1,605.22	248.18
40 05 19 00-1710	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	2,275.72	275.21
40 05 19 00-1711	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	2,655.65	298.96
40 05 19 00-1712	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	3,447.51	368.58
40 05 19 00-1713	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	4,272.48	442.31
40 05 19 00-1714	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	5,830.94	556.98
40 05 19 00-1715	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	8,587.92	630.70
40 05 19 00-1716	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	15,148.78	835.46
40 05 19 00-1717	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	23,098.18	946.04
40 05 19 00-1718	EA	42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	35,860.98	1,081.20
40 05 19 00-1719		Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbows With Base *(40 05 19 00-0001)*		
40 05 19 00-1720	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	520.30	135.15
40 05 19 00-1721	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	707.48	172.83
40 05 19 00-1722	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	1,165.41	195.76
40 05 19 00-1723	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	1,576.80	248.18
40 05 19 00-1724	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	2,124.69	275.21
40 05 19 00-1725	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	2,512.09	298.96
40 05 19 00-1726	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	3,103.57	368.58
40 05 19 00-1727	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	3,901.63	442.31
40 05 19 00-1728	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	5,152.04	556.98
40 05 19 00-1729	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	7,295.93	630.70
40 05 19 00-1730	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	11,983.11	835.46
40 05 19 00-1731	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	17,163.09	946.04
40 05 19 00-1732	EA	42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	31,955.10	1,081.20
40 05 19 00-1733	EA	48" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	34,438.86	1,326.92
40 05 19 00-1734		Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tees *(40 05 19 00-0001)*		
40 05 19 00-1735	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	702.71	217.06
40 05 19 00-1736	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	871.13	267.02
40 05 19 00-1737	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	1,230.82	298.15
40 05 19 00-1738	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	1,771.34	387.42
40 05 19 00-1739	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	2,363.03	422.65
40 05 19 00-1740	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	3,175.55	454.59
40 05 19 00-1741	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	3,591.78	573.36
40 05 19 00-1742	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	4,384.32	655.27
40 05 19 00-1743	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	5,530.18	827.27
40 05 19 00-1744	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	8,175.69	913.28
40 05 19 00-1745	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	13,944.36	1,261.39
40 05 19 00-1746	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	20,137.75	1,445.69

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1747	EA	42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	41,783.42	1,670.94
40 05 19 00-1748		**Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tees** *(40 05 19 00-0001)*		
40 05 19 00-1749	EA	6" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	883.25	242.45
40 05 19 00-1750	EA	8" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,098.55	247.37
40 05 19 00-1751	EA	8" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,094.87	278.49
40 05 19 00-1752	EA	10" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,453.79	273.58
40 05 19 00-1753	EA	10" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,432.16	304.70
40 05 19 00-1754	EA	10" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,509.79	324.36
40 05 19 00-1755	EA	12" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,848.72	287.50
40 05 19 00-1756	EA	12" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,840.55	318.62
40 05 19 00-1757	EA	12" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,943.61	338.28
40 05 19 00-1758	EA	12" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,315.81	401.35
40 05 19 00-1759	EA	14" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,706.49	298.96
40 05 19 00-1760	EA	14" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,644.49	330.09
40 05 19 00-1761	EA	14" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,761.00	349.75
40 05 19 00-1762	EA	14" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,911.90	412.82
40 05 19 00-1763	EA	14" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,088.33	434.53
40 05 19 00-1764	EA	16" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,285.60	333.77
40 05 19 00-1765	EA	16" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,021.73	364.90
40 05 19 00-1766	EA	16" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,970.76	384.57
40 05 19 00-1767	EA	16" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,486.52	447.63
40 05 19 00-1768	EA	16" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,380.33	469.34
40 05 19 00-1769	EA	16" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,772.61	489.40
40 05 19 00-1770	EA	18" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	4,021.83	370.64
40 05 19 00-1771	EA	18" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,019.25	401.76
40 05 19 00-1772	EA	18" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,642.69	421.42
40 05 19 00-1773	EA	18" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,650.03	484.49
40 05 19 00-1774	EA	18" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,974.51	506.19
40 05 19 00-1775	EA	18" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	4,341.36	526.27
40 05 19 00-1776	EA	18" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	4,640.54	610.22
40 05 19 00-1777	EA	20" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	8,926.75	427.97
40 05 19 00-1778	EA	20" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	4,451.94	459.10
40 05 19 00-1779	EA	20" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	4,543.04	478.75
40 05 19 00-1780	EA	20" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	4,731.32	541.83
40 05 19 00-1781	EA	20" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	4,916.73	563.53
40 05 19 00-1782	EA	20" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	4,978.54	583.60
40 05 19 00-1783	EA	20" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	5,998.47	667.56
40 05 19 00-1784	EA	20" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	6,128.05	712.60
40 05 19 00-1785	EA	24" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	5,906.65	464.84
40 05 19 00-1786	EA	24" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	5,092.48	495.96
40 05 19 00-1787	EA	24" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	5,324.14	515.62
40 05 19 00-1788	EA	24" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	5,531.86	578.68
40 05 19 00-1789	EA	24" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	6,204.75	600.39
40 05 19 00-1790	EA	24" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	6,357.78	620.46
40 05 19 00-1791	EA	24" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	6,565.73	704.41
40 05 19 00-1792	EA	24" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	8,645.25	749.46
40 05 19 00-1793	EA	24" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	8,939.96	800.86
40 05 19 00-1794	EA	30" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	10,503.80	598.34
40 05 19 00-1795	EA	30" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	10,564.98	618.00
40 05 19 00-1796	EA	30" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	10,859.44	681.07
40 05 19 00-1797	EA	30" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	10,892.32	702.78
40 05 19 00-1798	EA	30" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	10,922.72	722.84
40 05 19 00-1799	EA	30" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	11,148.62	806.80
40 05 19 00-1800	EA	30" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	11,282.69	851.85
40 05 19 00-1801	EA	30" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	11,619.42	966.52
40 05 19 00-1802	EA	30" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	14,893.95	1,015.67
40 05 19 00-1803	EA	36" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	14,486.59	856.36
40 05 19 00-1804	EA	36" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	15,501.58	871.92
40 05 19 00-1805	EA	36" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	15,602.13	916.56
40 05 19 00-1806	EA	36" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	15,727.49	934.16
40 05 19 00-1807	EA	36" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	15,784.60	950.14
40 05 19 00-1808	EA	36" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	15,940.36	1,009.52
40 05 19 00-1809	EA	36" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	16,035.32	1,050.48
40 05 19 00-1810	EA	36" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	16,297.21	1,136.48
40 05 19 00-1811	EA	36" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	16,659.95	1,179.48
40 05 19 00-1812	EA	36" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	21,834.43	1,353.54
40 05 19 00-1813	EA	42" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	25,982.88	740.87
40 05 19 00-1814	EA	42" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	23,482.50	803.93
40 05 19 00-1815	EA	42" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	23,515.38	825.64
40 05 19 00-1816	EA	42" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	23,580.18	845.70
40 05 19 00-1817	EA	42" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	23,777.67	929.66
40 05 19 00-1818	EA	42" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	24,022.37	974.71
40 05 19 00-1819	EA	42" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	24,196.12	1,089.39
40 05 19 00-1820	EA	42" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	24,551.72	1,138.53
40 05 19 00-1821	EA	42" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	31,113.32	1,384.26
40 05 19 00-1822	EA	42" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	39,996.83	1,513.26
40 05 19 00-1823	EA	48" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	31,806.95	958.74
40 05 19 00-1824	EA	48" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	31,837.36	978.81
40 05 19 00-1825	EA	48" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	32,069.24	1,062.76

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1826	EA	48" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	32,137.50	1,107.82
40 05 19 00-1827	EA	48" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	32,450.31	1,222.49
40 05 19 00-1828	EA	48" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	32,771.50	1,271.63
40 05 19 00-1829	EA	48" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	33,637.29	1,517.36
40 05 19 00-1830		**Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tees With Base** *(40 05 19 00-0001)*		
40 05 19 00-1831	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	759.53	217.06
40 05 19 00-1832	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	1,034.13	267.02
40 05 19 00-1833	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	1,511.95	298.15
40 05 19 00-1834	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	2,302.19	387.42
40 05 19 00-1835	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	3,098.75	422.65
40 05 19 00-1836	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	3,462.66	454.59
40 05 19 00-1837	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	4,297.59	573.36
40 05 19 00-1838	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	5,223.21	655.27
40 05 19 00-1839	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	6,977.69	827.27
40 05 19 00-1840	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	10,062.83	913.28
40 05 19 00-1841	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	16,882.74	1,261.39
40 05 19 00-1842	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	24,084.01	1,445.69
40 05 19 00-1843		**Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wyes** *(40 05 19 00-0001)*		
40 05 19 00-1844	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wye	615.98	217.06
40 05 19 00-1845	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wye	863.66	267.02
40 05 19 00-1846	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wye	1,253.25	298.15
40 05 19 00-1847	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wye	1,647.22	387.42
40 05 19 00-1848	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wye	2,355.56	422.65
40 05 19 00-1849	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wye	3,061.91	454.59
40 05 19 00-1850		**Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Crosses** *(40 05 19 00-0001)*		
40 05 19 00-1851	EA	4" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	846.26	298.96
40 05 19 00-1852	EA	6" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	1,120.38	323.95
40 05 19 00-1853	EA	6" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	1,185.82	361.21
40 05 19 00-1854	EA	8" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	1,385.65	329.27
40 05 19 00-1855	EA	8" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	1,509.74	372.68
40 05 19 00-1856	EA	8" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	1,562.41	400.54
40 05 19 00-1857	EA	10" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	1,796.21	355.48
40 05 19 00-1858	EA	10" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	1,977.13	398.89
40 05 19 00-1859	EA	10" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	2,162.88	426.75
40 05 19 00-1860	EA	10" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	2,685.13	526.68
40 05 19 00-1861	EA	12" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	2,331.09	368.99
40 05 19 00-1862	EA	12" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	2,453.69	412.41
40 05 19 00-1863	EA	12" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	2,640.94	440.26
40 05 19 00-1864	EA	12" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,191.61	540.18
40 05 19 00-1865	EA	12" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,002.12	570.08
40 05 19 00-1866	EA	14" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	2,929.27	424.29
40 05 19 00-1867	EA	14" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,115.01	452.13
40 05 19 00-1868	EA	14" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,466.80	552.06
40 05 19 00-1869	EA	14" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,770.80	581.96
40 05 19 00-1870	EA	14" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,955.66	610.22
40 05 19 00-1871	EA	16" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,497.90	459.10
40 05 19 00-1872	EA	16" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,710.58	486.94
40 05 19 00-1873	EA	16" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	4,062.35	586.87
40 05 19 00-1874	EA	16" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	4,394.77	616.77
40 05 19 00-1875	EA	16" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	6,140.80	645.03
40 05 19 00-1876	EA	16" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	4,981.68	778.13
40 05 19 00-1877	EA	18" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,640.49	495.96
40 05 19 00-1878	EA	18" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,851.65	523.81
40 05 19 00-1879	EA	18" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	4,146.62	623.73
40 05 19 00-1880	EA	18" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	4,477.53	653.63
40 05 19 00-1881	EA	18" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	5,148.39	681.89
40 05 19 00-1882	EA	18" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	5,608.76	814.99
40 05 19 00-1883	EA	18" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	5,861.39	868.23
40 05 19 00-1884	EA	20" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	4,748.69	553.30
40 05 19 00-1885	EA	20" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	4,974.82	581.14
40 05 19 00-1886	EA	20" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	5,248.85	681.07
40 05 19 00-1887	EA	20" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	5,602.18	710.97
40 05 19 00-1888	EA	20" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	5,706.31	739.22
40 05 19 00-1889	EA	20" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	6,954.73	872.33
40 05 19 00-1890	EA	20" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	7,219.33	925.57
40 05 19 00-1891	EA	20" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	7,912.10	1,097.58
40 05 19 00-1892	EA	24" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	6,281.95	590.15
40 05 19 00-1893	EA	24" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	6,445.27	618.00
40 05 19 00-1894	EA	24" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	6,812.01	717.93
40 05 19 00-1895	EA	24" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	7,042.73	747.83
40 05 19 00-1896	EA	24" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	7,178.26	776.08
40 05 19 00-1897	EA	24" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	7,595.27	909.19
40 05 19 00-1898	EA	24" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	9,862.14	962.43

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1899	EA	24" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	10,424.66	1,071.16
40 05 19 00-1900	EA	24" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	11,476.43	1,195.87
40 05 19 00-1901	EA	30" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	11,610.67	850.21
40 05 19 00-1902	EA	30" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	11,686.38	878.47
40 05 19 00-1903	EA	30" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	12,118.33	1,011.57
40 05 19 00-1904	EA	30" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	12,264.80	1,064.81
40 05 19 00-1905	EA	30" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	12,888.79	1,236.82
40 05 19 00-1906	EA	30" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	16,774.09	1,298.25
40 05 19 00-1907	EA	30" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	19,042.88	1,687.31
40 05 19 00-1908	EA	36" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	16,409.97	1,081.60
40 05 19 00-1909	EA	36" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	16,446.58	1,105.76
40 05 19 00-1910	EA	36" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	16,811.38	1,214.30
40 05 19 00-1911	EA	36" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	16,950.15	1,263.44
40 05 19 00-1912	EA	36" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	17,464.91	1,406.78
40 05 19 00-1913	EA	36" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	18,076.54	1,462.07
40 05 19 00-1914	EA	36" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	24,458.12	1,779.46
40 05 19 00-1915	EA	36" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	26,819.40	1,945.33
40 05 19 00-1916	EA	42" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	24,266.64	973.07
40 05 19 00-1917	EA	42" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	24,309.45	1,001.33
40 05 19 00-1918	EA	42" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	24,721.96	1,134.44
40 05 19 00-1919	EA	42" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	24,837.02	1,187.68
40 05 19 00-1920	EA	42" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	25,414.66	1,359.69
40 05 19 00-1921	EA	42" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	26,035.59	1,421.12
40 05 19 00-1922	EA	42" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	33,517.21	1,810.18
40 05 19 00-1923	EA	42" x 42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	46,346.50	2,012.90
40 05 19 00-1924	EA	48" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	34,305.95	2,260.68
40 05 19 00-1925	EA	48" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	32,563.63	1,134.44
40 05 19 00-1926	EA	48" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	32,977.64	1,267.53
40 05 19 00-1927	EA	48" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	33,092.71	1,320.77
40 05 19 00-1928	EA	48" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	33,634.44	1,492.78
40 05 19 00-1929	EA	48" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	34,255.38	1,554.21
40 05 19 00-1930	EA	48" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	35,794.43	1,943.28

40 05 19 00-1931 Flanged End x Flanged End, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducers *(40 05 19 00-0001)*

40 05 19 00-1932	EA	6" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	451.64	153.99
40 05 19 00-1933	EA	8" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	578.17	165.45
40 05 19 00-1934	EA	8" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	636.62	184.29
40 05 19 00-1935	EA	10" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	779.38	191.66
40 05 19 00-1936	EA	10" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	785.50	210.50
40 05 19 00-1937	EA	10" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	919.51	221.97
40 05 19 00-1938	EA	12" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	997.87	205.59
40 05 19 00-1939	EA	12" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,030.90	224.43
40 05 19 00-1940	EA	12" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,130.52	235.90
40 05 19 00-1941	EA	12" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,271.93	262.11
40 05 19 00-1942	EA	14" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,566.24	224.43
40 05 19 00-1943	EA	14" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,244.17	235.90
40 05 19 00-1944	EA	14" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,376.69	247.37
40 05 19 00-1945	EA	14" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,513.60	273.58
40 05 19 00-1946	EA	14" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,470.39	287.50
40 05 19 00-1947	EA	16" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,854.55	251.87
40 05 19 00-1948	EA	16" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,498.78	270.71
40 05 19 00-1949	EA	16" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,414.48	282.18
40 05 19 00-1950	EA	16" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,576.81	308.39
40 05 19 00-1951	EA	16" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,957.67	321.90
40 05 19 00-1952	EA	16" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,107.26	333.77
40 05 19 00-1953	EA	18" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,347.17	307.56
40 05 19 00-1954	EA	18" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,856.13	319.03
40 05 19 00-1955	EA	18" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,039.40	345.24
40 05 19 00-1956	EA	18" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,025.47	358.76
40 05 19 00-1957	EA	18" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,333.57	370.64
40 05 19 00-1958	EA	18" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,328.00	405.45
40 05 19 00-1959	EA	20" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,399.66	364.90
40 05 19 00-1960	EA	20" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,325.81	376.37
40 05 19 00-1961	EA	20" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,519.54	402.58
40 05 19 00-1962	EA	20" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,454.78	416.10
40 05 19 00-1963	EA	20" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,836.15	427.97
40 05 19 00-1964	EA	20" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,658.62	462.78
40 05 19 00-1965	EA	20" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,282.70	499.65
40 05 19 00-1966	EA	24" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,150.28	413.23
40 05 19 00-1967	EA	24" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,559.34	439.44
40 05 19 00-1968	EA	24" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,829.54	452.95
40 05 19 00-1969	EA	24" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,931.28	464.84
40 05 19 00-1970	EA	24" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,474.11	499.65
40 05 19 00-1971	EA	24" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	4,198.38	536.50
40 05 19 00-1972	EA	24" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	4,436.12	530.57
40 05 19 00-1973	EA	30" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	6,056.21	602.02
40 05 19 00-1974	EA	30" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	6,310.93	638.89
40 05 19 00-1975	EA	30" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	6,794.07	696.22
40 05 19 00-1976	EA	30" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	7,509.38	733.08

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1977	EA	36" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	8,284.32	657.32
40 05 19 00-1978	EA	36" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	8,702.04	694.18
40 05 19 00-1979	EA	36" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	9,250.98	751.51
40 05 19 00-1980	EA	36" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	10,066.47	788.37
40 05 19 00-1981	EA	36" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	11,606.30	890.76
40 05 19 00-1982	EA	42" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	14,100.16	855.95
40 05 19 00-1983	EA	42" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	15,942.05	958.33
40 05 19 00-1984	EA	42" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	18,031.11	1,013.62
40 05 19 00-1985	EA	48" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	17,923.58	989.05
40 05 19 00-1986	EA	48" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	20,118.40	1,091.43
40 05 19 00-1987	EA	48" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	22,488.56	1,146.72
40 05 19 00-1988	EA	48" x 42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	25,194.37	1,214.30
40 05 19 00-1989		Flanged End x Flanged End, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducers *(40 05 19 00-0001)*		
40 05 19 00-1990	EA	6" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	492.02	153.99
40 05 19 00-1991	EA	8" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	624.53	165.45
40 05 19 00-1992	EA	8" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	709.89	184.29
40 05 19 00-1993	EA	10" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	779.38	191.66
40 05 19 00-1994	EA	10" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	834.85	210.50
40 05 19 00-1995	EA	10" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	965.87	221.97
40 05 19 00-1996	EA	12" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	997.87	205.59
40 05 19 00-1997	EA	12" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,084.73	224.43
40 05 19 00-1998	EA	12" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,187.34	235.90
40 05 19 00-1999	EA	12" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,370.62	262.11
40 05 19 00-2000	EA	14" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,244.17	235.90
40 05 19 00-2001	EA	14" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,348.28	247.37
40 05 19 00-2002	EA	14" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,503.13	273.58
40 05 19 00-2003	EA	14" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,723.10	287.50
40 05 19 00-2004	EA	16" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,498.78	270.71
40 05 19 00-2005	EA	16" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,628.31	282.18
40 05 19 00-2006	EA	16" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,811.58	308.39
40 05 19 00-2007	EA	16" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,004.03	321.90
40 05 19 00-2008	EA	16" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,107.26	333.77
40 05 19 00-2009	EA	18" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,856.13	319.03
40 05 19 00-2010	EA	18" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,039.40	345.24
40 05 19 00-2011	EA	18" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,231.83	358.76
40 05 19 00-2012	EA	18" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,333.57	370.64
40 05 19 00-2013	EA	18" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,558.29	405.45
40 05 19 00-2014	EA	20" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,719.67	364.90
40 05 19 00-2015	EA	20" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,479.83	376.37
40 05 19 00-2016	EA	20" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,519.54	402.58
40 05 19 00-2017	EA	20" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,755.35	416.10
40 05 19 00-2018	EA	20" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,836.15	427.97
40 05 19 00-2019	EA	20" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,101.24	462.78
40 05 19 00-2020	EA	20" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,281.21	499.65
40 05 19 00-2021	EA	24" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,458.32	413.23
40 05 19 00-2022	EA	24" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,559.34	439.44
40 05 19 00-2023	EA	24" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,641.12	452.95
40 05 19 00-2024	EA	24" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,720.43	464.84
40 05 19 00-2025	EA	24" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,990.01	499.65
40 05 19 00-2026	EA	24" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	4,198.38	536.50
40 05 19 00-2027	EA	24" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	4,436.12	530.57
40 05 19 00-2028	EA	30" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	7,258.07	567.21
40 05 19 00-2029	EA	30" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	7,079.03	602.02
40 05 19 00-2030	EA	30" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	6,343.83	638.89
40 05 19 00-2031	EA	30" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	6,794.07	696.22
40 05 19 00-2032	EA	30" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	7,509.38	733.08
40 05 19 00-2033	EA	36" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	8,350.12	657.32
40 05 19 00-2034	EA	36" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	8,702.04	694.18
40 05 19 00-2035	EA	36" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	9,218.08	751.51
40 05 19 00-2036	EA	36" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	10,030.58	788.37
40 05 19 00-2037	EA	36" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	11,573.41	890.76
40 05 19 00-2038	EA	42" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	14,100.16	855.95
40 05 19 00-2039	EA	42" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	11,904.58	958.33
40 05 19 00-2040	EA	42" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	18,031.11	1,013.62
40 05 19 00-2041	EA	48" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	20,118.40	1,091.43
40 05 19 00-2042	EA	48" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	22,488.56	1,146.72
40 05 19 00-2043	EA	48" x 42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	25,194.37	1,214.30
40 05 19 00-2044		Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flanges *(40 05 19 00-0001)*		
40 05 19 00-2045	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	174.88	53.24
40 05 19 00-2046	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	262.69	78.64
40 05 19 00-2047	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	382.23	93.37
40 05 19 00-2048	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	526.94	108.93
40 05 19 00-2049	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	681.10	127.77
40 05 19 00-2050	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	902.05	143.34
40 05 19 00-2051	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	1,078.13	163.82

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2052	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	1,460.04	229.34
40 05 19 00-2053	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	1,940.19	286.68
40 05 19 00-2054	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	2,767.49	348.11
40 05 19 00-2055	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	3,907.10	405.45
40 05 19 00-2056	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	6,995.76	446.40
40 05 19 00-2057	EA	42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	9,872.30	491.45
40 05 19 00-2058	EA	48" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	13,053.30	552.89

40 05 19 00-2059 Flanged End (FxF), Ductile Iron Flexible Ball Joint *(40 05 19 00-0001)*

Note: All internal surfaces (wetted parts) shall be lined with a minimum of 15 mils of fusion bonded epoxy conforming to the applicable requirements of ANSI/AWWA C213. Sealing gaskets shall be constructed of EPDM. The coating shall meet ANSI/NSF-61. Exterior surfaces shall be coated with a minimum of 6 mils of fusion bonded epoxy conforming to the applicable requirements of ANSI/AWWA C116/A21.16.

40 05 19 00-2060	EA	3" Diameter, Flange x Flange, Ductile Iron, Flexible Ball Joint	1,126.74	102.63
40 05 19 00-2061	EA	4" Diameter, Flange x Flange, Ductile Iron, Flexible Ball Joint	1,308.05	120.43
40 05 19 00-2062	EA	6" Diameter, Flange x Flange, Ductile Iron, Flexible Ball Joint	2,079.19	150.54
40 05 19 00-2063	EA	8" Diameter, Flange x Flange, Ductile Iron, Flexible Ball Joint	2,757.50	172.06
40 05 19 00-2064	EA	10" Diameter, Flange x Flange, Ductile Iron, Flexible Ball Joint	3,808.48	259.34
40 05 19 00-2065	EA	12" Diameter, Flange x Flange, Ductile Iron, Flexible Ball Joint	4,981.31	282.91
40 05 19 00-2066	EA	14" Diameter, Flange x Flange, Ductile Iron, Flexible Ball Joint	5,769.65	311.20
40 05 19 00-2067	EA	16" Diameter, Flange x Flange, Ductile Iron, Flexible Ball Joint	6,413.19	345.74
40 05 19 00-2068	EA	18" Diameter, Flange x Flange, Ductile Iron, Flexible Ball Joint	9,177.08	389.00
40 05 19 00-2069	EA	20" Diameter, Flange x Flange, Ductile Iron, Flexible Ball Joint	9,375.74	444.53
40 05 19 00-2070	EA	24" Diameter, Flange x Flange, Ductile Iron, Flexible Ball Joint	16,387.35	518.67
40 05 19 00-2071	EA	30" Diameter, Flange x Flange, Ductile Iron, Flexible Ball Joint	57,387.24	622.40
40 05 19 00-2072	EA	36" Diameter, Flange x Flange, Ductile Iron, Flexible Ball Joint	81,481.43	778.01

40 05 19 00-2073 Flanged End, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Piping *(40 05 19)*

Note: 350 PSI rating for 2" - 24" sizes, 250 PSI rating for 30" - 48" sizes. Pipe barrels conform to ANSI/AWWA C151/A21.51. The bolt holes are aligned per ANSI/AWWA C115/A21.15. Flanged fittings conform to ANSI/AWWA C110/A21.10. Interiors shall be ceramic epoxy. Exterior shall be bituminous coating, in accordance with ANSI/AWWA C104/A21.04. See CSI section 40 05 19 00-4103 for bolts, 40 05 19 00-4118 for gaskets.

40 05 19 00-2074 Flanged End (FxF), Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2073)*

40 05 19 00-2075 4" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2074)*

40 05 19 00-2076	EA	4" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,167.21	234.26
		For Class 52 Rating, Deduct	*-89.35*	
		For Class 54 Rating, Add	*126.10*	
		For Class 55 Rating, Add	*189.66*	
		For Class 56 Rating, Add	*252.40*	
40 05 19 00-2077	EA	4" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,289.03	238.35
		For Class 52 Rating, Deduct	*-102.07*	
		For Class 54 Rating, Add	*143.52*	
		For Class 55 Rating, Add	*215.58*	
		For Class 56 Rating, Add	*286.73*	
40 05 19 00-2078	EA	4" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,410.84	242.45
		For Class 52 Rating, Deduct	*-114.78*	
		For Class 54 Rating, Add	*160.93*	
		For Class 55 Rating, Add	*241.51*	
		For Class 56 Rating, Add	*321.05*	
40 05 19 00-2079	EA	4" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,532.64	246.54
		For Class 52 Rating, Deduct	*-127.50*	
		For Class 54 Rating, Add	*178.35*	
		For Class 55 Rating, Add	*267.44*	
		For Class 56 Rating, Add	*355.38*	
40 05 19 00-2080	EA	4" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,654.45	250.64
		For Class 52 Rating, Deduct	*-140.22*	
		For Class 54 Rating, Add	*195.76*	
		For Class 55 Rating, Add	*293.37*	
		For Class 56 Rating, Add	*389.71*	
40 05 19 00-2081	EA	4" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,776.27	254.74
		For Class 52 Rating, Deduct	*-152.93*	
		For Class 54 Rating, Add	*213.18*	
		For Class 55 Rating, Add	*319.30*	
		For Class 56 Rating, Add	*424.03*	
40 05 19 00-2082	EA	4" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,898.08	258.83
		For Class 52 Rating, Deduct	*-165.65*	
		For Class 54 Rating, Add	*230.59*	
		For Class 55 Rating, Add	*345.23*	
		For Class 56 Rating, Add	*458.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2083	EA	4" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,019.88	262.93
		For Class 52 Rating, Deduct	*-178.37*	
		For Class 54 Rating, Add	*248.01*	
		For Class 55 Rating, Add	*371.16*	
		For Class 56 Rating, Add	*492.69*	
40 05 19 00-2084	EA	4" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,141.70	267.02
		For Class 52 Rating, Deduct	*-191.08*	
		For Class 54 Rating, Add	*265.42*	
		For Class 55 Rating, Add	*397.09*	
		For Class 56 Rating, Add	*527.02*	
40 05 19 00-2085	EA	4" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,263.51	271.12
		For Class 52 Rating, Deduct	*-203.80*	
		For Class 54 Rating, Add	*282.84*	
		For Class 55 Rating, Add	*423.02*	
		For Class 56 Rating, Add	*561.34*	
40 05 19 00-2086	EA	4" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,385.32	275.21
		For Class 52 Rating, Deduct	*-216.52*	
		For Class 54 Rating, Add	*300.25*	
		For Class 55 Rating, Add	*448.95*	
		For Class 56 Rating, Add	*595.67*	
40 05 19 00-2087	EA	4" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,507.12	279.31
		For Class 52 Rating, Deduct	*-229.23*	
		For Class 54 Rating, Add	*317.67*	
		For Class 55 Rating, Add	*474.87*	
		For Class 56 Rating, Add	*629.99*	
40 05 19 00-2088	EA	4" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,628.94	283.40
		For Class 52 Rating, Deduct	*-241.95*	
		For Class 54 Rating, Add	*335.08*	
		For Class 55 Rating, Add	*500.80*	
		For Class 56 Rating, Add	*664.32*	
40 05 19 00-2089	EA	4" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,750.74	287.50
		For Class 52 Rating, Deduct	*-254.67*	
		For Class 54 Rating, Add	*352.50*	
		For Class 55 Rating, Add	*526.73*	
		For Class 56 Rating, Add	*698.65*	
40 05 19 00-2090	EA	4" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,872.56	291.59
		For Class 52 Rating, Deduct	*-267.38*	
		For Class 54 Rating, Add	*369.91*	
		For Class 55 Rating, Add	*552.66*	
		For Class 56 Rating, Add	*732.98*	
40 05 19 00-2091	EA	4" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,994.37	295.69
		For Class 52 Rating, Deduct	*-280.10*	
		For Class 54 Rating, Add	*387.33*	
		For Class 55 Rating, Add	*578.59*	
		For Class 56 Rating, Add	*767.30*	
40 05 19 00-2092	EA	4" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,116.18	299.78
		For Class 52 Rating, Deduct	*-292.82*	
		For Class 54 Rating, Add	*404.74*	
		For Class 55 Rating, Add	*604.52*	
		For Class 56 Rating, Add	*801.63*	
40 05 19 00-2093	EA	4" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,237.99	303.88
		For Class 52 Rating, Deduct	*-305.53*	
		For Class 54 Rating, Add	*422.16*	
		For Class 55 Rating, Add	*630.45*	
		For Class 56 Rating, Add	*835.96*	
40 05 19 00-2094	EA	4" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,359.80	307.98
		For Class 52 Rating, Deduct	*-318.25*	
		For Class 54 Rating, Add	*439.58*	
		For Class 55 Rating, Add	*656.38*	
		For Class 56 Rating, Add	*870.28*	
40 05 19 00-2095	EA	4" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,481.62	312.08
		For Class 52 Rating, Deduct	*-330.97*	
		For Class 54 Rating, Add	*456.99*	
		For Class 55 Rating, Add	*682.31*	
		For Class 56 Rating, Add	*904.61*	
40 05 19 00-2096	EA	4" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,603.42	316.17
		For Class 52 Rating, Deduct	*-343.68*	
		For Class 54 Rating, Add	*474.41*	
		For Class 55 Rating, Add	*708.23*	
		For Class 56 Rating, Add	*938.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2097	EA	4" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,725.23	320.27
		For Class 52 Rating, Deduct	*-356.40*	
		For Class 54 Rating, Add	*491.82*	
		For Class 55 Rating, Add	*734.16*	
		For Class 56 Rating, Add	*973.27*	
40 05 19 00-2098	EA	4" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,847.04	324.36
		For Class 52 Rating, Deduct	*-369.11*	
		For Class 54 Rating, Add	*509.24*	
		For Class 55 Rating, Add	*760.09*	
		For Class 56 Rating, Add	*1,007.59*	
40 05 19 00-2099	EA	4" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,968.86	328.45
		For Class 52 Rating, Deduct	*-381.83*	
		For Class 54 Rating, Add	*526.65*	
		For Class 55 Rating, Add	*786.02*	
		For Class 56 Rating, Add	*1,041.92*	
40 05 19 00-2100	EA	4" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,090.66	332.55
		For Class 52 Rating, Deduct	*-394.55*	
		For Class 54 Rating, Add	*544.07*	
		For Class 55 Rating, Add	*811.95*	
		For Class 56 Rating, Add	*1,076.24*	
40 05 19 00-2101	EA	4" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,212.48	336.64
		For Class 52 Rating, Deduct	*-407.27*	
		For Class 54 Rating, Add	*561.48*	
		For Class 55 Rating, Add	*837.88*	
		For Class 56 Rating, Add	*1,110.57*	
40 05 19 00-2102	EA	4" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,334.28	340.74
		For Class 52 Rating, Deduct	*-419.98*	
		For Class 54 Rating, Add	*578.90*	
		For Class 55 Rating, Add	*863.81*	
		For Class 56 Rating, Add	*1,144.90*	
40 05 19 00-2103	EA	4" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,456.10	344.83
		For Class 52 Rating, Deduct	*-432.70*	
		For Class 54 Rating, Add	*596.31*	
		For Class 55 Rating, Add	*889.74*	
		For Class 56 Rating, Add	*1,179.23*	
40 05 19 00-2104	EA	4" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,577.90	348.93
		For Class 52 Rating, Deduct	*-445.41*	
		For Class 54 Rating, Add	*613.73*	
		For Class 55 Rating, Add	*915.66*	
		For Class 56 Rating, Add	*1,213.55*	
40 05 19 00-2105	EA	4" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,699.72	353.02
		For Class 52 Rating, Deduct	*-458.13*	
		For Class 54 Rating, Add	*631.14*	
		For Class 55 Rating, Add	*941.59*	
		For Class 56 Rating, Add	*1,247.88*	
40 05 19 00-2106	EA	4" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,821.52	357.12
		For Class 52 Rating, Deduct	*-470.85*	
		For Class 54 Rating, Add	*648.56*	
		For Class 55 Rating, Add	*967.52*	
		For Class 56 Rating, Add	*1,282.21*	
40 05 19 00-2107	EA	4" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,943.34	361.21
		For Class 52 Rating, Deduct	*-483.56*	
		For Class 54 Rating, Add	*665.97*	
		For Class 55 Rating, Add	*993.45*	
		For Class 56 Rating, Add	*1,316.53*	
40 05 19 00-2108	EA	4" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,065.15	365.32
		For Class 52 Rating, Deduct	*-496.28*	
		For Class 54 Rating, Add	*683.39*	
		For Class 55 Rating, Add	*1,019.38*	
		For Class 56 Rating, Add	*1,350.86*	
40 05 19 00-2109	EA	4" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,186.96	369.41
		For Class 52 Rating, Deduct	*-509.00*	
		For Class 54 Rating, Add	*700.80*	
		For Class 55 Rating, Add	*1,045.31*	
		For Class 56 Rating, Add	*1,385.19*	
40 05 19 00-2110	EA	4" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,308.76	373.51
		For Class 52 Rating, Deduct	*-521.71*	
		For Class 54 Rating, Add	*718.22*	
		For Class 55 Rating, Add	*1,071.24*	
		For Class 56 Rating, Add	*1,419.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2111	EA	4" Flanged (FxF), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,430.57	377.60
		For Class 52 Rating, Deduct	*-534.43*	
		For Class 54 Rating, Add	*735.63*	
		For Class 55 Rating, Add	*1,097.17*	
		For Class 56 Rating, Add	*1,453.84*	
40 05 19 00-2112	EA	4" Flanged (FxF), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,552.39	381.70
		For Class 52 Rating, Deduct	*-547.15*	
		For Class 54 Rating, Add	*753.05*	
		For Class 55 Rating, Add	*1,123.10*	
		For Class 56 Rating, Add	*1,488.17*	
40 05 19 00-2113	EA	4" Flanged (FxF), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,674.20	385.79
		For Class 52 Rating, Deduct	*-559.86*	
		For Class 54 Rating, Add	*770.46*	
		For Class 55 Rating, Add	*1,149.03*	
		For Class 56 Rating, Add	*1,522.50*	
40 05 19 00-2114	EA	4" Flanged (FxF), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,796.00	389.89
		For Class 52 Rating, Deduct	*-572.58*	
		For Class 54 Rating, Add	*787.88*	
		For Class 55 Rating, Add	*1,174.95*	
		For Class 56 Rating, Add	*1,556.82*	
40 05 19 00-2115		6" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2074)*		
40 05 19 00-2116	EA	6" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,459.84	294.87
		For Class 52 Rating, Deduct	*-111.44*	
		For Class 54 Rating, Add	*157.32*	
		For Class 55 Rating, Add	*236.64*	
		For Class 56 Rating, Add	*314.94*	
40 05 19 00-2117	EA	6" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,599.90	298.96
		For Class 52 Rating, Deduct	*-126.16*	
		For Class 54 Rating, Add	*177.47*	
		For Class 55 Rating, Add	*266.63*	
		For Class 56 Rating, Add	*354.65*	
40 05 19 00-2118	EA	6" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,739.97	303.06
		For Class 52 Rating, Deduct	*-140.89*	
		For Class 54 Rating, Add	*197.63*	
		For Class 55 Rating, Add	*296.63*	
		For Class 56 Rating, Add	*394.36*	
40 05 19 00-2119	EA	6" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,880.03	307.15
		For Class 52 Rating, Deduct	*-155.61*	
		For Class 54 Rating, Add	*217.78*	
		For Class 55 Rating, Add	*326.63*	
		For Class 56 Rating, Add	*434.07*	
40 05 19 00-2120	EA	6" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,020.09	311.25
		For Class 52 Rating, Deduct	*-170.34*	
		For Class 54 Rating, Add	*237.93*	
		For Class 55 Rating, Add	*356.63*	
		For Class 56 Rating, Add	*473.78*	
40 05 19 00-2121	EA	6" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,160.16	315.34
		For Class 52 Rating, Deduct	*-185.06*	
		For Class 54 Rating, Add	*258.09*	
		For Class 55 Rating, Add	*386.63*	
		For Class 56 Rating, Add	*513.50*	
40 05 19 00-2122	EA	6" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,300.23	319.45
		For Class 52 Rating, Deduct	*-199.78*	
		For Class 54 Rating, Add	*278.24*	
		For Class 55 Rating, Add	*416.63*	
		For Class 56 Rating, Add	*553.21*	
40 05 19 00-2123	EA	6" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,440.29	323.54
		For Class 52 Rating, Deduct	*-214.51*	
		For Class 54 Rating, Add	*298.39*	
		For Class 55 Rating, Add	*446.63*	
		For Class 56 Rating, Add	*592.92*	
40 05 19 00-2124	EA	6" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,580.34	327.64
		For Class 52 Rating, Deduct	*-229.23*	
		For Class 54 Rating, Add	*318.55*	
		For Class 55 Rating, Add	*476.63*	
		For Class 56 Rating, Add	*632.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2125	EA	6" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,720.42	331.73
		For Class 52 Rating, Deduct	*-243.96*	
		For Class 54 Rating, Add	*338.70*	
		For Class 55 Rating, Add	*506.63*	
		For Class 56 Rating, Add	*672.34*	
40 05 19 00-2126	EA	6" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,860.48	335.83
		For Class 52 Rating, Deduct	*-258.68*	
		For Class 54 Rating, Add	*358.85*	
		For Class 55 Rating, Add	*536.63*	
		For Class 56 Rating, Add	*712.05*	
40 05 19 00-2127	EA	6" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,000.54	339.92
		For Class 52 Rating, Deduct	*-273.41*	
		For Class 54 Rating, Add	*379.01*	
		For Class 55 Rating, Add	*566.63*	
		For Class 56 Rating, Add	*751.77*	
40 05 19 00-2128	EA	6" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,140.60	344.02
		For Class 52 Rating, Deduct	*-288.13*	
		For Class 54 Rating, Add	*399.16*	
		For Class 55 Rating, Add	*596.63*	
		For Class 56 Rating, Add	*791.48*	
40 05 19 00-2129	EA	6" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,280.67	348.11
		For Class 52 Rating, Deduct	*-302.86*	
		For Class 54 Rating, Add	*419.31*	
		For Class 55 Rating, Add	*626.63*	
		For Class 56 Rating, Add	*831.19*	
40 05 19 00-2130	EA	6" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,420.74	352.21
		For Class 52 Rating, Deduct	*-317.58*	
		For Class 54 Rating, Add	*439.47*	
		For Class 55 Rating, Add	*656.63*	
		For Class 56 Rating, Add	*870.90*	
40 05 19 00-2131	EA	6" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,560.79	356.30
		For Class 52 Rating, Deduct	*-332.30*	
		For Class 54 Rating, Add	*459.62*	
		For Class 55 Rating, Add	*686.63*	
		For Class 56 Rating, Add	*910.61*	
40 05 19 00-2132	EA	6" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,700.86	360.40
		For Class 52 Rating, Deduct	*-347.03*	
		For Class 54 Rating, Add	*479.77*	
		For Class 55 Rating, Add	*716.63*	
		For Class 56 Rating, Add	*950.32*	
40 05 19 00-2133	EA	6" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,840.92	364.49
		For Class 52 Rating, Deduct	*-361.75*	
		For Class 54 Rating, Add	*499.93*	
		For Class 55 Rating, Add	*746.63*	
		For Class 56 Rating, Add	*990.04*	
40 05 19 00-2134	EA	6" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,980.99	368.58
		For Class 52 Rating, Deduct	*-376.48*	
		For Class 54 Rating, Add	*520.08*	
		For Class 55 Rating, Add	*776.63*	
		For Class 56 Rating, Add	*1,029.75*	
40 05 19 00-2135	EA	6" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,121.05	372.68
		For Class 52 Rating, Deduct	*-391.20*	
		For Class 54 Rating, Add	*540.23*	
		For Class 55 Rating, Add	*806.62*	
		For Class 56 Rating, Add	*1,069.46*	
40 05 19 00-2136	EA	6" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,261.12	376.78
		For Class 52 Rating, Deduct	*-405.93*	
		For Class 54 Rating, Add	*560.39*	
		For Class 55 Rating, Add	*836.62*	
		For Class 56 Rating, Add	*1,109.17*	
40 05 19 00-2137	EA	6" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,401.18	380.88
		For Class 52 Rating, Deduct	*-420.65*	
		For Class 54 Rating, Add	*580.54*	
		For Class 55 Rating, Add	*866.62*	
		For Class 56 Rating, Add	*1,148.88*	
40 05 19 00-2138	EA	6" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,541.23	384.97
		For Class 52 Rating, Deduct	*-435.37*	
		For Class 54 Rating, Add	*600.69*	
		For Class 55 Rating, Add	*896.62*	
		For Class 56 Rating, Add	*1,188.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2139	EA	6" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,681.31	389.07
		For Class 52 Rating, Deduct	*-450.10*	
		For Class 54 Rating, Add	*620.85*	
		For Class 55 Rating, Add	*926.62*	
		For Class 56 Rating, Add	*1,228.31*	
40 05 19 00-2140	EA	6" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,821.37	393.16
		For Class 52 Rating, Deduct	*-464.82*	
		For Class 54 Rating, Add	*641.00*	
		For Class 55 Rating, Add	*956.62*	
		For Class 56 Rating, Add	*1,268.02*	
40 05 19 00-2141	EA	6" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,961.43	397.26
		For Class 52 Rating, Deduct	*-479.55*	
		For Class 54 Rating, Add	*661.15*	
		For Class 55 Rating, Add	*986.62*	
		For Class 56 Rating, Add	*1,307.73*	
40 05 19 00-2142	EA	6" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,101.50	401.35
		For Class 52 Rating, Deduct	*-494.27*	
		For Class 54 Rating, Add	*681.31*	
		For Class 55 Rating, Add	*1,016.62*	
		For Class 56 Rating, Add	*1,347.44*	
40 05 19 00-2143	EA	6" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,241.57	405.45
		For Class 52 Rating, Deduct	*-509.00*	
		For Class 54 Rating, Add	*701.46*	
		For Class 55 Rating, Add	*1,046.62*	
		For Class 56 Rating, Add	*1,387.15*	
40 05 19 00-2144	EA	6" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,381.63	409.54
		For Class 52 Rating, Deduct	*-523.72*	
		For Class 54 Rating, Add	*721.61*	
		For Class 55 Rating, Add	*1,076.62*	
		For Class 56 Rating, Add	*1,426.87*	
40 05 19 00-2145	EA	6" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,521.68	413.64
		For Class 52 Rating, Deduct	*-538.45*	
		For Class 54 Rating, Add	*741.76*	
		For Class 55 Rating, Add	*1,106.62*	
		For Class 56 Rating, Add	*1,466.58*	
40 05 19 00-2146	EA	6" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,661.75	417.73
		For Class 52 Rating, Deduct	*-553.17*	
		For Class 54 Rating, Add	*761.92*	
		For Class 55 Rating, Add	*1,136.62*	
		For Class 56 Rating, Add	*1,506.29*	
40 05 19 00-2147	EA	6" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,801.82	421.83
		For Class 52 Rating, Deduct	*-567.89*	
		For Class 54 Rating, Add	*782.07*	
		For Class 55 Rating, Add	*1,166.62*	
		For Class 56 Rating, Add	*1,546.00*	
40 05 19 00-2148	EA	6" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,941.88	425.92
		For Class 52 Rating, Deduct	*-582.62*	
		For Class 54 Rating, Add	*802.23*	
		For Class 55 Rating, Add	*1,196.62*	
		For Class 56 Rating, Add	*1,585.71*	
40 05 19 00-2149	EA	6" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,081.95	430.02
		For Class 52 Rating, Deduct	*-597.34*	
		For Class 54 Rating, Add	*822.38*	
		For Class 55 Rating, Add	*1,226.62*	
		For Class 56 Rating, Add	*1,625.42*	
40 05 19 00-2150	EA	6" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,222.01	434.12
		For Class 52 Rating, Deduct	*-612.07*	
		For Class 54 Rating, Add	*842.53*	
		For Class 55 Rating, Add	*1,256.62*	
		For Class 56 Rating, Add	*1,665.14*	
40 05 19 00-2151	EA	6" Flanged (FxF), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,362.07	438.22
		For Class 52 Rating, Deduct	*-626.79*	
		For Class 54 Rating, Add	*862.69*	
		For Class 55 Rating, Add	*1,286.62*	
		For Class 56 Rating, Add	*1,704.85*	
40 05 19 00-2152	EA	6" Flanged (FxF), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,502.13	442.31
		For Class 52 Rating, Deduct	*-641.52*	
		For Class 54 Rating, Add	*882.84*	
		For Class 55 Rating, Add	*1,316.61*	
		For Class 56 Rating, Add	*1,744.56*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2153		EA	6" Flanged (FxF), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,642.20	446.40
			For Class 52 Rating, Deduct	*-656.24*	
			For Class 54 Rating, Add	*902.99*	
			For Class 55 Rating, Add	*1,346.61*	
			For Class 56 Rating, Add	*1,784.27*	
40 05 19 00-2154		EA	6" Flanged (FxF), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,782.26	450.50
			For Class 52 Rating, Deduct	*-670.97*	
			For Class 54 Rating, Add	*923.14*	
			For Class 55 Rating, Add	*1,376.61*	
			For Class 56 Rating, Add	*1,823.98*	
40 05 19 00-2155			8" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2074)*		
40 05 19 00-2156		EA	8" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,034.20	376.78
			For Class 52 Rating, Deduct	*-160.97*	
			For Class 54 Rating, Add	*226.35*	
			For Class 55 Rating, Add	*340.02*	
			For Class 56 Rating, Add	*452.23*	
40 05 19 00-2157		EA	8" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,213.81	380.88
			For Class 52 Rating, Deduct	*-180.04*	
			For Class 54 Rating, Add	*252.43*	
			For Class 55 Rating, Add	*378.84*	
			For Class 56 Rating, Add	*503.61*	
40 05 19 00-2158		EA	8" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,393.41	384.97
			For Class 52 Rating, Deduct	*-199.11*	
			For Class 54 Rating, Add	*278.52*	
			For Class 55 Rating, Add	*417.66*	
			For Class 56 Rating, Add	*554.99*	
40 05 19 00-2159		EA	8" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,573.04	389.07
			For Class 52 Rating, Deduct	*-218.19*	
			For Class 54 Rating, Add	*304.61*	
			For Class 55 Rating, Add	*456.48*	
			For Class 56 Rating, Add	*606.37*	
40 05 19 00-2160		EA	8" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,752.65	393.16
			For Class 52 Rating, Deduct	*-237.26*	
			For Class 54 Rating, Add	*330.69*	
			For Class 55 Rating, Add	*495.30*	
			For Class 56 Rating, Add	*657.75*	
40 05 19 00-2161		EA	8" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,932.26	397.26
			For Class 52 Rating, Deduct	*-256.34*	
			For Class 54 Rating, Add	*356.78*	
			For Class 55 Rating, Add	*534.12*	
			For Class 56 Rating, Add	*709.12*	
40 05 19 00-2162		EA	8" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,111.87	401.35
			For Class 52 Rating, Deduct	*-275.41*	
			For Class 54 Rating, Add	*382.86*	
			For Class 55 Rating, Add	*572.93*	
			For Class 56 Rating, Add	*760.50*	
40 05 19 00-2163		EA	8" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,291.49	405.45
			For Class 52 Rating, Deduct	*-294.49*	
			For Class 54 Rating, Add	*408.95*	
			For Class 55 Rating, Add	*611.75*	
			For Class 56 Rating, Add	*811.88*	
40 05 19 00-2164		EA	8" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,471.10	409.54
			For Class 52 Rating, Deduct	*-313.56*	
			For Class 54 Rating, Add	*435.03*	
			For Class 55 Rating, Add	*650.57*	
			For Class 56 Rating, Add	*863.26*	
40 05 19 00-2165		EA	8" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,650.71	413.64
			For Class 52 Rating, Deduct	*-332.64*	
			For Class 54 Rating, Add	*461.12*	
			For Class 55 Rating, Add	*689.39*	
			For Class 56 Rating, Add	*914.64*	
40 05 19 00-2166		EA	8" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,830.32	417.73
			For Class 52 Rating, Deduct	*-351.71*	
			For Class 54 Rating, Add	*487.20*	
			For Class 55 Rating, Add	*728.21*	
			For Class 56 Rating, Add	*966.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2167	EA	8" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,009.94	421.83
		For Class 52 Rating, Deduct	*-370.79*	
		For Class 54 Rating, Add	*513.29*	
		For Class 55 Rating, Add	*767.03*	
		For Class 56 Rating, Add	*1,017.40*	
40 05 19 00-2168	EA	8" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,189.55	425.92
		For Class 52 Rating, Deduct	*-389.86*	
		For Class 54 Rating, Add	*539.38*	
		For Class 55 Rating, Add	*805.85*	
		For Class 56 Rating, Add	*1,068.77*	
40 05 19 00-2169	EA	8" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,369.17	430.02
		For Class 52 Rating, Deduct	*-408.94*	
		For Class 54 Rating, Add	*565.46*	
		For Class 55 Rating, Add	*844.67*	
		For Class 56 Rating, Add	*1,120.15*	
40 05 19 00-2170	EA	8" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,548.77	434.12
		For Class 52 Rating, Deduct	*-428.01*	
		For Class 54 Rating, Add	*591.55*	
		For Class 55 Rating, Add	*883.48*	
		For Class 56 Rating, Add	*1,171.53*	
40 05 19 00-2171	EA	8" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,728.38	438.22
		For Class 52 Rating, Deduct	*-447.09*	
		For Class 54 Rating, Add	*617.63*	
		For Class 55 Rating, Add	*922.30*	
		For Class 56 Rating, Add	*1,222.91*	
40 05 19 00-2172	EA	8" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,908.00	442.31
		For Class 52 Rating, Deduct	*-466.16*	
		For Class 54 Rating, Add	*643.72*	
		For Class 55 Rating, Add	*961.12*	
		For Class 56 Rating, Add	*1,274.29*	
40 05 19 00-2173	EA	8" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,087.62	446.40
		For Class 52 Rating, Deduct	*-485.24*	
		For Class 54 Rating, Add	*669.80*	
		For Class 55 Rating, Add	*999.94*	
		For Class 56 Rating, Add	*1,325.67*	
40 05 19 00-2174	EA	8" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,267.23	450.50
		For Class 52 Rating, Deduct	*-504.31*	
		For Class 54 Rating, Add	*695.89*	
		For Class 55 Rating, Add	*1,038.76*	
		For Class 56 Rating, Add	*1,377.05*	
40 05 19 00-2175	EA	8" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,446.83	454.59
		For Class 52 Rating, Deduct	*-523.39*	
		For Class 54 Rating, Add	*721.97*	
		For Class 55 Rating, Add	*1,077.58*	
		For Class 56 Rating, Add	*1,428.42*	
40 05 19 00-2176	EA	8" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,626.46	458.69
		For Class 52 Rating, Deduct	*-542.46*	
		For Class 54 Rating, Add	*748.06*	
		For Class 55 Rating, Add	*1,116.40*	
		For Class 56 Rating, Add	*1,479.80*	
40 05 19 00-2177	EA	8" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,806.07	462.78
		For Class 52 Rating, Deduct	*-561.54*	
		For Class 54 Rating, Add	*774.15*	
		For Class 55 Rating, Add	*1,155.22*	
		For Class 56 Rating, Add	*1,531.18*	
40 05 19 00-2178	EA	8" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,985.68	466.88
		For Class 52 Rating, Deduct	*-580.61*	
		For Class 54 Rating, Add	*800.23*	
		For Class 55 Rating, Add	*1,194.04*	
		For Class 56 Rating, Add	*1,582.56*	
40 05 19 00-2179	EA	8" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,165.28	470.97
		For Class 52 Rating, Deduct	*-599.69*	
		For Class 54 Rating, Add	*826.32*	
		For Class 55 Rating, Add	*1,232.85*	
		For Class 56 Rating, Add	*1,633.94*	
40 05 19 00-2180	EA	8" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,344.91	475.07
		For Class 52 Rating, Deduct	*-618.76*	
		For Class 54 Rating, Add	*852.40*	
		For Class 55 Rating, Add	*1,271.67*	
		For Class 56 Rating, Add	*1,685.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2181	EA	8" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,524.52	479.16
		For Class 52 Rating, Deduct	*-637.84*	
		For Class 54 Rating, Add	*878.49*	
		For Class 55 Rating, Add	*1,310.49*	
		For Class 56 Rating, Add	*1,736.70*	
40 05 19 00-2182	EA	8" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,704.13	483.26
		For Class 52 Rating, Deduct	*-656.91*	
		For Class 54 Rating, Add	*904.57*	
		For Class 55 Rating, Add	*1,349.31*	
		For Class 56 Rating, Add	*1,788.08*	
40 05 19 00-2183	EA	8" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,883.74	487.35
		For Class 52 Rating, Deduct	*-675.99*	
		For Class 54 Rating, Add	*930.66*	
		For Class 55 Rating, Add	*1,388.13*	
		For Class 56 Rating, Add	*1,839.45*	
40 05 19 00-2184	EA	8" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,063.35	491.45
		For Class 52 Rating, Deduct	*-695.06*	
		For Class 54 Rating, Add	*956.74*	
		For Class 55 Rating, Add	*1,426.95*	
		For Class 56 Rating, Add	*1,890.83*	
40 05 19 00-2185	EA	8" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,242.97	495.55
		For Class 52 Rating, Deduct	*-714.14*	
		For Class 54 Rating, Add	*982.83*	
		For Class 55 Rating, Add	*1,465.77*	
		For Class 56 Rating, Add	*1,942.21*	
40 05 19 00-2186	EA	8" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,422.59	499.65
		For Class 52 Rating, Deduct	*-733.21*	
		For Class 54 Rating, Add	*1,008.92*	
		For Class 55 Rating, Add	*1,504.59*	
		For Class 56 Rating, Add	*1,993.59*	
40 05 19 00-2187	EA	8" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,602.20	503.74
		For Class 52 Rating, Deduct	*-752.29*	
		For Class 54 Rating, Add	*1,035.00*	
		For Class 55 Rating, Add	*1,543.41*	
		For Class 56 Rating, Add	*2,044.97*	
40 05 19 00-2188	EA	8" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,781.80	507.84
		For Class 52 Rating, Deduct	*-771.36*	
		For Class 54 Rating, Add	*1,061.09*	
		For Class 55 Rating, Add	*1,582.22*	
		For Class 56 Rating, Add	*2,096.35*	
40 05 19 00-2189	EA	8" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,961.42	511.93
		For Class 52 Rating, Deduct	*-790.43*	
		For Class 54 Rating, Add	*1,087.17*	
		For Class 55 Rating, Add	*1,621.04*	
		For Class 56 Rating, Add	*2,147.73*	
40 05 19 00-2190	EA	8" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,141.04	516.02
		For Class 52 Rating, Deduct	*-809.51*	
		For Class 54 Rating, Add	*1,113.26*	
		For Class 55 Rating, Add	*1,659.86*	
		For Class 56 Rating, Add	*2,199.11*	
40 05 19 00-2191	EA	8" Flanged (FxF), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,320.65	520.12
		For Class 52 Rating, Deduct	*-828.58*	
		For Class 54 Rating, Add	*1,139.35*	
		For Class 55 Rating, Add	*1,698.68*	
		For Class 56 Rating, Add	*2,250.48*	
40 05 19 00-2192	EA	8" Flanged (FxF), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,500.25	524.21
		For Class 52 Rating, Deduct	*-847.66*	
		For Class 54 Rating, Add	*1,165.43*	
		For Class 55 Rating, Add	*1,737.50*	
		For Class 56 Rating, Add	*2,301.86*	
40 05 19 00-2193	EA	8" Flanged (FxF), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,679.87	528.31
		For Class 52 Rating, Deduct	*-866.73*	
		For Class 54 Rating, Add	*1,191.52*	
		For Class 55 Rating, Add	*1,776.32*	
		For Class 56 Rating, Add	*2,353.24*	
40 05 19 00-2194	EA	8" Flanged (FxF), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,859.49	532.40
		For Class 52 Rating, Deduct	*-885.81*	
		For Class 54 Rating, Add	*1,217.60*	
		For Class 55 Rating, Add	*1,815.14*	
		For Class 56 Rating, Add	*2,404.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2195		10" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2074)*		
40 05 19 00-2196	EA	10" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,569.01	458.69
		For Class 52 Rating, Deduct	*-206.14*	
		For Class 54 Rating, Add	*289.44*	
		For Class 55 Rating, Add	*434.59*	
		For Class 56 Rating, Add	*577.86*	
40 05 19 00-2197	EA	10" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,800.34	462.78
		For Class 52 Rating, Deduct	*-230.91*	
		For Class 54 Rating, Add	*323.29*	
		For Class 55 Rating, Add	*484.94*	
		For Class 56 Rating, Add	*644.49*	
40 05 19 00-2198	EA	10" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,031.66	466.88
		For Class 52 Rating, Deduct	*-255.67*	
		For Class 54 Rating, Add	*357.13*	
		For Class 55 Rating, Add	*535.29*	
		For Class 56 Rating, Add	*711.13*	
40 05 19 00-2199	EA	10" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,262.99	470.97
		For Class 52 Rating, Deduct	*-280.43*	
		For Class 54 Rating, Add	*390.97*	
		For Class 55 Rating, Add	*585.64*	
		For Class 56 Rating, Add	*777.76*	
40 05 19 00-2200	EA	10" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,494.33	475.07
		For Class 52 Rating, Deduct	*-305.20*	
		For Class 54 Rating, Add	*424.82*	
		For Class 55 Rating, Add	*635.99*	
		For Class 56 Rating, Add	*844.40*	
40 05 19 00-2201	EA	10" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,725.66	479.16
		For Class 52 Rating, Deduct	*-329.96*	
		For Class 54 Rating, Add	*458.66*	
		For Class 55 Rating, Add	*686.35*	
		For Class 56 Rating, Add	*911.03*	
40 05 19 00-2202	EA	10" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,956.98	483.26
		For Class 52 Rating, Deduct	*-354.72*	
		For Class 54 Rating, Add	*492.50*	
		For Class 55 Rating, Add	*736.70*	
		For Class 56 Rating, Add	*977.67*	
40 05 19 00-2203	EA	10" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,188.32	487.35
		For Class 52 Rating, Deduct	*-379.49*	
		For Class 54 Rating, Add	*526.35*	
		For Class 55 Rating, Add	*787.05*	
		For Class 56 Rating, Add	*1,044.30*	
40 05 19 00-2204	EA	10" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,419.65	491.45
		For Class 52 Rating, Deduct	*-404.25*	
		For Class 54 Rating, Add	*560.19*	
		For Class 55 Rating, Add	*837.40*	
		For Class 56 Rating, Add	*1,110.94*	
40 05 19 00-2205	EA	10" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,650.98	495.55
		For Class 52 Rating, Deduct	*-429.02*	
		For Class 54 Rating, Add	*594.03*	
		For Class 55 Rating, Add	*887.75*	
		For Class 56 Rating, Add	*1,177.57*	
40 05 19 00-2206	EA	10" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,882.32	499.65
		For Class 52 Rating, Deduct	*-453.78*	
		For Class 54 Rating, Add	*627.88*	
		For Class 55 Rating, Add	*938.11*	
		For Class 56 Rating, Add	*1,244.21*	
40 05 19 00-2207	EA	10" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,113.64	503.74
		For Class 52 Rating, Deduct	*-478.54*	
		For Class 54 Rating, Add	*661.72*	
		For Class 55 Rating, Add	*988.46*	
		For Class 56 Rating, Add	*1,310.84*	
40 05 19 00-2208	EA	10" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,344.97	507.84
		For Class 52 Rating, Deduct	*-503.31*	
		For Class 54 Rating, Add	*695.56*	
		For Class 55 Rating, Add	*1,038.81*	
		For Class 56 Rating, Add	*1,377.48*	
40 05 19 00-2209	EA	10" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,576.30	511.93
		For Class 52 Rating, Deduct	*-528.07*	
		For Class 54 Rating, Add	*729.41*	
		For Class 55 Rating, Add	*1,089.16*	
		For Class 56 Rating, Add	*1,444.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2210	EA	10" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,807.64	516.02
		For Class 52 Rating, Deduct	*-552.84*	
		For Class 54 Rating, Add	*763.25*	
		For Class 55 Rating, Add	*1,139.51*	
		For Class 56 Rating, Add	*1,510.75*	
40 05 19 00-2211	EA	10" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,038.97	520.12
		For Class 52 Rating, Deduct	*-577.60*	
		For Class 54 Rating, Add	*797.09*	
		For Class 55 Rating, Add	*1,189.87*	
		For Class 56 Rating, Add	*1,577.39*	
40 05 19 00-2212	EA	10" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,270.29	524.21
		For Class 52 Rating, Deduct	*-602.36*	
		For Class 54 Rating, Add	*830.94*	
		For Class 55 Rating, Add	*1,240.22*	
		For Class 56 Rating, Add	*1,644.02*	
40 05 19 00-2213	EA	10" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,501.63	528.31
		For Class 52 Rating, Deduct	*-627.13*	
		For Class 54 Rating, Add	*864.78*	
		For Class 55 Rating, Add	*1,290.57*	
		For Class 56 Rating, Add	*1,710.66*	
40 05 19 00-2214	EA	10" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,732.96	532.40
		For Class 52 Rating, Deduct	*-651.89*	
		For Class 54 Rating, Add	*898.62*	
		For Class 55 Rating, Add	*1,340.92*	
		For Class 56 Rating, Add	*1,777.29*	
40 05 19 00-2215	EA	10" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,964.29	536.50
		For Class 52 Rating, Deduct	*-676.66*	
		For Class 54 Rating, Add	*932.47*	
		For Class 55 Rating, Add	*1,391.27*	
		For Class 56 Rating, Add	*1,843.93*	
40 05 19 00-2216	EA	10" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,195.62	540.59
		For Class 52 Rating, Deduct	*-701.42*	
		For Class 54 Rating, Add	*966.31*	
		For Class 55 Rating, Add	*1,441.63*	
		For Class 56 Rating, Add	*1,910.57*	
40 05 19 00-2217	EA	10" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,426.95	544.69
		For Class 52 Rating, Deduct	*-726.18*	
		For Class 54 Rating, Add	*1,000.15*	
		For Class 55 Rating, Add	*1,491.98*	
		For Class 56 Rating, Add	*1,977.20*	
40 05 19 00-2218	EA	10" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,658.29	548.78
		For Class 52 Rating, Deduct	*-750.95*	
		For Class 54 Rating, Add	*1,034.00*	
		For Class 55 Rating, Add	*1,542.33*	
		For Class 56 Rating, Add	*2,043.84*	
40 05 19 00-2219	EA	10" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,889.61	552.89
		For Class 52 Rating, Deduct	*-775.71*	
		For Class 54 Rating, Add	*1,067.84*	
		For Class 55 Rating, Add	*1,592.68*	
		For Class 56 Rating, Add	*2,110.47*	
40 05 19 00-2220	EA	10" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,120.95	556.98
		For Class 52 Rating, Deduct	*-800.47*	
		For Class 54 Rating, Add	*1,101.68*	
		For Class 55 Rating, Add	*1,643.03*	
		For Class 56 Rating, Add	*2,177.11*	
40 05 19 00-2221	EA	10" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,352.27	561.08
		For Class 52 Rating, Deduct	*-825.24*	
		For Class 54 Rating, Add	*1,135.53*	
		For Class 55 Rating, Add	*1,693.38*	
		For Class 56 Rating, Add	*2,243.74*	
40 05 19 00-2222	EA	10" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,583.61	565.17
		For Class 52 Rating, Deduct	*-850.00*	
		For Class 54 Rating, Add	*1,169.37*	
		For Class 55 Rating, Add	*1,743.74*	
		For Class 56 Rating, Add	*2,310.38*	
40 05 19 00-2223	EA	10" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,814.94	569.27
		For Class 52 Rating, Deduct	*-874.77*	
		For Class 54 Rating, Add	*1,203.21*	
		For Class 55 Rating, Add	*1,794.09*	
		For Class 56 Rating, Add	*2,377.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2224	EA	10" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,046.27	573.36
		For Class 52 Rating, Deduct	*-899.53*	
		For Class 54 Rating, Add	*1,237.06*	
		For Class 55 Rating, Add	*1,844.44*	
		For Class 56 Rating, Add	*2,443.65*	
40 05 19 00-2225	EA	10" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,277.60	577.46
		For Class 52 Rating, Deduct	*-924.29*	
		For Class 54 Rating, Add	*1,270.90*	
		For Class 55 Rating, Add	*1,894.79*	
		For Class 56 Rating, Add	*2,510.29*	
40 05 19 00-2226	EA	10" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,508.92	581.55
		For Class 52 Rating, Deduct	*-949.06*	
		For Class 54 Rating, Add	*1,304.74*	
		For Class 55 Rating, Add	*1,945.14*	
		For Class 56 Rating, Add	*2,576.92*	
40 05 19 00-2227	EA	10" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,740.27	585.65
		For Class 52 Rating, Deduct	*-973.82*	
		For Class 54 Rating, Add	*1,338.59*	
		For Class 55 Rating, Add	*1,995.50*	
		For Class 56 Rating, Add	*2,643.56*	
40 05 19 00-2228	EA	10" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,971.59	589.74
		For Class 52 Rating, Deduct	*-998.58*	
		For Class 54 Rating, Add	*1,372.43*	
		For Class 55 Rating, Add	*2,045.85*	
		For Class 56 Rating, Add	*2,710.19*	
40 05 19 00-2229	EA	10" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,202.92	593.83
		For Class 52 Rating, Deduct	*-1,023.35*	
		For Class 54 Rating, Add	*1,406.27*	
		For Class 55 Rating, Add	*2,096.20*	
		For Class 56 Rating, Add	*2,776.83*	
40 05 19 00-2230	EA	10" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,434.25	597.93
		For Class 52 Rating, Deduct	*-1,048.11*	
		For Class 54 Rating, Add	*1,440.12*	
		For Class 55 Rating, Add	*2,146.55*	
		For Class 56 Rating, Add	*2,843.46*	
40 05 19 00-2231	EA	10" Flanged (FxF), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,665.59	602.02
		For Class 52 Rating, Deduct	*-1,072.88*	
		For Class 54 Rating, Add	*1,473.96*	
		For Class 55 Rating, Add	*2,196.90*	
		For Class 56 Rating, Add	*2,910.10*	
40 05 19 00-2232	EA	10" Flanged (FxF), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,896.92	606.12
		For Class 52 Rating, Deduct	*-1,097.64*	
		For Class 54 Rating, Add	*1,507.80*	
		For Class 55 Rating, Add	*2,247.26*	
		For Class 56 Rating, Add	*2,976.73*	
40 05 19 00-2233	EA	10" Flanged (FxF), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,128.24	610.22
		For Class 52 Rating, Deduct	*-1,122.40*	
		For Class 54 Rating, Add	*1,541.65*	
		For Class 55 Rating, Add	*2,297.61*	
		For Class 56 Rating, Add	*3,043.37*	
40 05 19 00-2234	EA	10" Flanged (FxF), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,359.58	614.32
		For Class 52 Rating, Deduct	*-1,147.17*	
		For Class 54 Rating, Add	*1,575.49*	
		For Class 55 Rating, Add	*2,347.96*	
		For Class 56 Rating, Add	*3,110.00*	

40 05 19 00-2235 12" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2074)*

40 05 19 00-2236	EA	12" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,363.37	573.36
		For Class 52 Rating, Deduct	*-274.41*	
		For Class 54 Rating, Add	*384.62*	
		For Class 55 Rating, Add	*577.15*	
		For Class 56 Rating, Add	*767.19*	
40 05 19 00-2237	EA	12" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,649.45	577.46
		For Class 52 Rating, Deduct	*-305.20*	
		For Class 54 Rating, Add	*426.68*	
		For Class 55 Rating, Add	*639.72*	
		For Class 56 Rating, Add	*849.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2238	EA	12" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,935.54	581.55
		For Class 52 Rating, Deduct	*-335.99*	
		For Class 54 Rating, Add	*468.74*	
		For Class 55 Rating, Add	*702.28*	
		For Class 56 Rating, Add	*932.77*	
40 05 19 00-2239	EA	12" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,221.65	585.65
		For Class 52 Rating, Deduct	*-366.77*	
		For Class 54 Rating, Add	*510.79*	
		For Class 55 Rating, Add	*764.85*	
		For Class 56 Rating, Add	*1,015.56*	
40 05 19 00-2240	EA	12" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,507.73	589.74
		For Class 52 Rating, Deduct	*-397.56*	
		For Class 54 Rating, Add	*552.85*	
		For Class 55 Rating, Add	*827.41*	
		For Class 56 Rating, Add	*1,098.35*	
40 05 19 00-2241	EA	12" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,793.82	593.83
		For Class 52 Rating, Deduct	*-428.35*	
		For Class 54 Rating, Add	*594.91*	
		For Class 55 Rating, Add	*889.97*	
		For Class 56 Rating, Add	*1,181.14*	
40 05 19 00-2242	EA	12" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,079.90	597.93
		For Class 52 Rating, Deduct	*-459.13*	
		For Class 54 Rating, Add	*636.96*	
		For Class 55 Rating, Add	*952.53*	
		For Class 56 Rating, Add	*1,263.93*	
40 05 19 00-2243	EA	12" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,366.01	602.02
		For Class 52 Rating, Deduct	*-489.92*	
		For Class 54 Rating, Add	*679.02*	
		For Class 55 Rating, Add	*1,015.10*	
		For Class 56 Rating, Add	*1,346.72*	
40 05 19 00-2244	EA	12" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,652.10	606.12
		For Class 52 Rating, Deduct	*-520.71*	
		For Class 54 Rating, Add	*721.08*	
		For Class 55 Rating, Add	*1,077.66*	
		For Class 56 Rating, Add	*1,429.51*	
40 05 19 00-2245	EA	12" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,938.18	610.22
		For Class 52 Rating, Deduct	*-551.50*	
		For Class 54 Rating, Add	*763.14*	
		For Class 55 Rating, Add	*1,140.22*	
		For Class 56 Rating, Add	*1,512.30*	
40 05 19 00-2246	EA	12" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,224.28	614.32
		For Class 52 Rating, Deduct	*-582.29*	
		For Class 54 Rating, Add	*805.19*	
		For Class 55 Rating, Add	*1,202.79*	
		For Class 56 Rating, Add	*1,595.09*	
40 05 19 00-2247	EA	12" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,510.37	618.41
		For Class 52 Rating, Deduct	*-613.07*	
		For Class 54 Rating, Add	*847.25*	
		For Class 55 Rating, Add	*1,265.35*	
		For Class 56 Rating, Add	*1,677.88*	
40 05 19 00-2248	EA	12" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,796.46	622.51
		For Class 52 Rating, Deduct	*-643.86*	
		For Class 54 Rating, Add	*889.31*	
		For Class 55 Rating, Add	*1,327.92*	
		For Class 56 Rating, Add	*1,760.67*	
40 05 19 00-2249	EA	12" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,082.56	626.60
		For Class 52 Rating, Deduct	*-674.65*	
		For Class 54 Rating, Add	*931.37*	
		For Class 55 Rating, Add	*1,390.48*	
		For Class 56 Rating, Add	*1,843.46*	
40 05 19 00-2250	EA	12" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,368.64	630.70
		For Class 52 Rating, Deduct	*-705.43*	
		For Class 54 Rating, Add	*973.42*	
		For Class 55 Rating, Add	*1,453.04*	
		For Class 56 Rating, Add	*1,926.25*	
40 05 19 00-2251	EA	12" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,654.73	634.79
		For Class 52 Rating, Deduct	*-736.22*	
		For Class 54 Rating, Add	*1,015.48*	
		For Class 55 Rating, Add	*1,515.61*	
		For Class 56 Rating, Add	*2,009.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2252	EA	12" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,940.82	638.89
		For Class 52 Rating, Deduct	*-767.01*	
		For Class 54 Rating, Add	*1,057.54*	
		For Class 55 Rating, Add	*1,578.17*	
		For Class 56 Rating, Add	*2,091.83*	
40 05 19 00-2253	EA	12" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,226.92	642.98
		For Class 52 Rating, Deduct	*-797.80*	
		For Class 54 Rating, Add	*1,099.60*	
		For Class 55 Rating, Add	*1,640.73*	
		For Class 56 Rating, Add	*2,174.62*	
40 05 19 00-2254	EA	12" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,513.01	647.08
		For Class 52 Rating, Deduct	*-828.58*	
		For Class 54 Rating, Add	*1,141.65*	
		For Class 55 Rating, Add	*1,703.30*	
		For Class 56 Rating, Add	*2,257.41*	
40 05 19 00-2255	EA	12" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,799.09	651.17
		For Class 52 Rating, Deduct	*-859.37*	
		For Class 54 Rating, Add	*1,183.71*	
		For Class 55 Rating, Add	*1,765.86*	
		For Class 56 Rating, Add	*2,340.20*	
40 05 19 00-2256	EA	12" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,085.20	655.27
		For Class 52 Rating, Deduct	*-890.16*	
		For Class 54 Rating, Add	*1,225.77*	
		For Class 55 Rating, Add	*1,828.42*	
		For Class 56 Rating, Add	*2,422.99*	
40 05 19 00-2257	EA	12" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,371.28	659.36
		For Class 52 Rating, Deduct	*-920.95*	
		For Class 54 Rating, Add	*1,267.82*	
		For Class 55 Rating, Add	*1,890.99*	
		For Class 56 Rating, Add	*2,505.78*	
40 05 19 00-2258	EA	12" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,657.37	663.45
		For Class 52 Rating, Deduct	*-951.73*	
		For Class 54 Rating, Add	*1,309.88*	
		For Class 55 Rating, Add	*1,953.55*	
		For Class 56 Rating, Add	*2,588.57*	
40 05 19 00-2259	EA	12" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,943.46	667.56
		For Class 52 Rating, Deduct	*-982.52*	
		For Class 54 Rating, Add	*1,351.94*	
		For Class 55 Rating, Add	*2,016.12*	
		For Class 56 Rating, Add	*2,671.36*	
40 05 19 00-2260	EA	12" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,226.51	671.65
		For Class 52 Rating, Deduct	*-1,012.97*	
		For Class 54 Rating, Add	*1,393.54*	
		For Class 55 Rating, Add	*2,078.00*	
		For Class 56 Rating, Add	*2,753.25*	
40 05 19 00-2261	EA	12" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,515.65	675.75
		For Class 52 Rating, Deduct	*-1,044.10*	
		For Class 54 Rating, Add	*1,436.05*	
		For Class 55 Rating, Add	*2,141.24*	
		For Class 56 Rating, Add	*2,836.94*	
40 05 19 00-2262	EA	12" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,801.73	679.84
		For Class 52 Rating, Deduct	*-1,074.88*	
		For Class 54 Rating, Add	*1,478.11*	
		For Class 55 Rating, Add	*2,203.80*	
		For Class 56 Rating, Add	*2,919.72*	
40 05 19 00-2263	EA	12" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,087.83	683.94
		For Class 52 Rating, Deduct	*-1,105.67*	
		For Class 54 Rating, Add	*1,520.17*	
		For Class 55 Rating, Add	*2,266.37*	
		For Class 56 Rating, Add	*3,002.52*	
40 05 19 00-2264	EA	12" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,373.92	688.03
		For Class 52 Rating, Deduct	*-1,136.46*	
		For Class 54 Rating, Add	*1,562.23*	
		For Class 55 Rating, Add	*2,328.93*	
		For Class 56 Rating, Add	*3,085.31*	
40 05 19 00-2265	EA	12" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,660.01	692.13
		For Class 52 Rating, Deduct	*-1,167.25*	
		For Class 54 Rating, Add	*1,604.28*	
		For Class 55 Rating, Add	*2,391.49*	
		For Class 56 Rating, Add	*3,168.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2266	EA	12" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,946.10	696.22
		For Class 52 Rating, Deduct	*-1,198.03*	
		For Class 54 Rating, Add	*1,646.34*	
		For Class 55 Rating, Add	*2,454.06*	
		For Class 56 Rating, Add	*3,250.89*	
40 05 19 00-2267	EA	12" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,232.20	700.32
		For Class 52 Rating, Deduct	*-1,228.82*	
		For Class 54 Rating, Add	*1,688.40*	
		For Class 55 Rating, Add	*2,516.62*	
		For Class 56 Rating, Add	*3,333.68*	
40 05 19 00-2268	EA	12" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,518.28	704.41
		For Class 52 Rating, Deduct	*-1,259.61*	
		For Class 54 Rating, Add	*1,730.46*	
		For Class 55 Rating, Add	*2,579.19*	
		For Class 56 Rating, Add	*3,416.46*	
40 05 19 00-2269	EA	12" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,804.38	708.51
		For Class 52 Rating, Deduct	*-1,290.40*	
		For Class 54 Rating, Add	*1,772.51*	
		For Class 55 Rating, Add	*2,641.75*	
		For Class 56 Rating, Add	*3,499.26*	
40 05 19 00-2270	EA	12" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,090.47	712.60
		For Class 52 Rating, Deduct	*-1,321.18*	
		For Class 54 Rating, Add	*1,814.57*	
		For Class 55 Rating, Add	*2,704.31*	
		For Class 56 Rating, Add	*3,582.04*	
40 05 19 00-2271	EA	12" Flanged (FxF), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,376.56	716.70
		For Class 52 Rating, Deduct	*-1,351.97*	
		For Class 54 Rating, Add	*1,856.63*	
		For Class 55 Rating, Add	*2,766.88*	
		For Class 56 Rating, Add	*3,664.83*	
40 05 19 00-2272	EA	12" Flanged (FxF), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,662.65	720.79
		For Class 52 Rating, Deduct	*-1,382.76*	
		For Class 54 Rating, Add	*1,898.69*	
		For Class 55 Rating, Add	*2,829.44*	
		For Class 56 Rating, Add	*3,747.63*	
40 05 19 00-2273	EA	12" Flanged (FxF), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,948.74	724.90
		For Class 52 Rating, Deduct	*-1,413.55*	
		For Class 54 Rating, Add	*1,940.74*	
		For Class 55 Rating, Add	*2,892.00*	
		For Class 56 Rating, Add	*3,830.41*	
40 05 19 00-2274	EA	12" Flanged (FxF), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,234.84	728.99
		For Class 52 Rating, Deduct	*-1,444.33*	
		For Class 54 Rating, Add	*1,982.80*	
		For Class 55 Rating, Add	*2,954.57*	
		For Class 56 Rating, Add	*3,913.20*	

40 05 19 00-2275 14" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2074)*

40 05 19 00-2276	EA	14" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,513.67	688.03
		For Class 52 Rating, Deduct	*-381.83*	
		For Class 54 Rating, Add	*533.19*	
		For Class 55 Rating, Add	*799.10*	
		For Class 56 Rating, Add	*1,061.53*	
40 05 19 00-2277	EA	14" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,860.61	692.13
		For Class 52 Rating, Deduct	*-419.31*	
		For Class 54 Rating, Add	*584.37*	
		For Class 55 Rating, Add	*875.23*	
		For Class 56 Rating, Add	*1,162.27*	
40 05 19 00-2278	EA	14" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,207.54	696.22
		For Class 52 Rating, Deduct	*-456.79*	
		For Class 54 Rating, Add	*635.56*	
		For Class 55 Rating, Add	*951.36*	
		For Class 56 Rating, Add	*1,263.01*	
40 05 19 00-2279	EA	14" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,554.48	700.32
		For Class 52 Rating, Deduct	*-494.27*	
		For Class 54 Rating, Add	*686.74*	
		For Class 55 Rating, Add	*1,027.49*	
		For Class 56 Rating, Add	*1,363.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2280	EA	14" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,901.41	704.41
		For Class 52 Rating, Deduct	*-531.75*	
		For Class 54 Rating, Add	*737.93*	
		For Class 55 Rating, Add	*1,103.62*	
		For Class 56 Rating, Add	*1,464.49*	
40 05 19 00-2281	EA	14" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,248.35	708.51
		For Class 52 Rating, Deduct	*-569.23*	
		For Class 54 Rating, Add	*789.11*	
		For Class 55 Rating, Add	*1,179.76*	
		For Class 56 Rating, Add	*1,565.23*	
40 05 19 00-2282	EA	14" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,595.29	712.60
		For Class 52 Rating, Deduct	*-606.71*	
		For Class 54 Rating, Add	*840.29*	
		For Class 55 Rating, Add	*1,255.89*	
		For Class 56 Rating, Add	*1,665.97*	
40 05 19 00-2283	EA	14" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,942.22	716.70
		For Class 52 Rating, Deduct	*-644.19*	
		For Class 54 Rating, Add	*891.48*	
		For Class 55 Rating, Add	*1,332.02*	
		For Class 56 Rating, Add	*1,766.70*	
40 05 19 00-2284	EA	14" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,289.15	720.79
		For Class 52 Rating, Deduct	*-681.67*	
		For Class 54 Rating, Add	*942.66*	
		For Class 55 Rating, Add	*1,408.15*	
		For Class 56 Rating, Add	*1,867.44*	
40 05 19 00-2285	EA	14" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,636.09	724.90
		For Class 52 Rating, Deduct	*-719.15*	
		For Class 54 Rating, Add	*993.85*	
		For Class 55 Rating, Add	*1,484.28*	
		For Class 56 Rating, Add	*1,968.18*	
40 05 19 00-2286	EA	14" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,983.03	728.99
		For Class 52 Rating, Deduct	*-756.64*	
		For Class 54 Rating, Add	*1,045.03*	
		For Class 55 Rating, Add	*1,560.41*	
		For Class 56 Rating, Add	*2,068.92*	
40 05 19 00-2287	EA	14" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,329.97	733.08
		For Class 52 Rating, Deduct	*-794.12*	
		For Class 54 Rating, Add	*1,096.21*	
		For Class 55 Rating, Add	*1,636.55*	
		For Class 56 Rating, Add	*2,169.66*	
40 05 19 00-2288	EA	14" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,676.90	737.18
		For Class 52 Rating, Deduct	*-831.60*	
		For Class 54 Rating, Add	*1,147.40*	
		For Class 55 Rating, Add	*1,712.68*	
		For Class 56 Rating, Add	*2,270.40*	
40 05 19 00-2289	EA	14" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,023.84	741.27
		For Class 52 Rating, Deduct	*-869.08*	
		For Class 54 Rating, Add	*1,198.58*	
		For Class 55 Rating, Add	*1,788.81*	
		For Class 56 Rating, Add	*2,371.14*	
40 05 19 00-2290	EA	14" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,370.78	745.37
		For Class 52 Rating, Deduct	*-906.56*	
		For Class 54 Rating, Add	*1,249.77*	
		For Class 55 Rating, Add	*1,864.94*	
		For Class 56 Rating, Add	*2,471.88*	
40 05 19 00-2291	EA	14" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,717.71	749.46
		For Class 52 Rating, Deduct	*-944.04*	
		For Class 54 Rating, Add	*1,300.95*	
		For Class 55 Rating, Add	*1,941.07*	
		For Class 56 Rating, Add	*2,572.62*	
40 05 19 00-2292	EA	14" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,064.65	753.56
		For Class 52 Rating, Deduct	*-981.52*	
		For Class 54 Rating, Add	*1,352.13*	
		For Class 55 Rating, Add	*2,017.21*	
		For Class 56 Rating, Add	*2,673.36*	
40 05 19 00-2293	EA	14" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,411.58	757.65
		For Class 52 Rating, Deduct	*-1,019.00*	
		For Class 54 Rating, Add	*1,403.32*	
		For Class 55 Rating, Add	*2,093.34*	
		For Class 56 Rating, Add	*2,774.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2294	EA	14" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,758.52	761.75
		For Class 52 Rating, Deduct	*-1,056.48*	
		For Class 54 Rating, Add	*1,454.50*	
		For Class 55 Rating, Add	*2,169.47*	
		For Class 56 Rating, Add	*2,874.83*	
40 05 19 00-2295	EA	14" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,105.45	765.84
		For Class 52 Rating, Deduct	*-1,093.96*	
		For Class 54 Rating, Add	*1,505.69*	
		For Class 55 Rating, Add	*2,245.60*	
		For Class 56 Rating, Add	*2,975.57*	
40 05 19 00-2296	EA	14" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,452.39	769.94
		For Class 52 Rating, Deduct	*-1,131.44*	
		For Class 54 Rating, Add	*1,556.87*	
		For Class 55 Rating, Add	*2,321.73*	
		For Class 56 Rating, Add	*3,076.31*	
40 05 19 00-2297	EA	14" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,799.32	774.03
		For Class 52 Rating, Deduct	*-1,168.92*	
		For Class 54 Rating, Add	*1,608.05*	
		For Class 55 Rating, Add	*2,397.87*	
		For Class 56 Rating, Add	*3,177.05*	
40 05 19 00-2298	EA	14" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,146.26	778.13
		For Class 52 Rating, Deduct	*-1,206.40*	
		For Class 54 Rating, Add	*1,659.24*	
		For Class 55 Rating, Add	*2,474.00*	
		For Class 56 Rating, Add	*3,277.79*	
40 05 19 00-2299	EA	14" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,493.21	782.23
		For Class 52 Rating, Deduct	*-1,243.88*	
		For Class 54 Rating, Add	*1,710.42*	
		For Class 55 Rating, Add	*2,550.13*	
		For Class 56 Rating, Add	*3,378.53*	
40 05 19 00-2300	EA	14" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,840.14	786.33
		For Class 52 Rating, Deduct	*-1,281.36*	
		For Class 54 Rating, Add	*1,761.61*	
		For Class 55 Rating, Add	*2,626.26*	
		For Class 56 Rating, Add	*3,479.27*	
40 05 19 00-2301	EA	14" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,187.07	790.42
		For Class 52 Rating, Deduct	*-1,318.84*	
		For Class 54 Rating, Add	*1,812.79*	
		For Class 55 Rating, Add	*2,702.39*	
		For Class 56 Rating, Add	*3,580.01*	
40 05 19 00-2302	EA	14" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,534.00	794.52
		For Class 52 Rating, Deduct	*-1,356.32*	
		For Class 54 Rating, Add	*1,863.98*	
		For Class 55 Rating, Add	*2,778.53*	
		For Class 56 Rating, Add	*3,680.75*	
40 05 19 00-2303	EA	14" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,880.95	798.61
		For Class 52 Rating, Deduct	*-1,393.80*	
		For Class 54 Rating, Add	*1,915.16*	
		For Class 55 Rating, Add	*2,854.66*	
		For Class 56 Rating, Add	*3,781.49*	
40 05 19 00-2304	EA	14" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,227.88	802.71
		For Class 52 Rating, Deduct	*-1,431.28*	
		For Class 54 Rating, Add	*1,966.34*	
		For Class 55 Rating, Add	*2,930.79*	
		For Class 56 Rating, Add	*3,882.22*	
40 05 19 00-2305	EA	14" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,574.81	806.80
		For Class 52 Rating, Deduct	*-1,468.76*	
		For Class 54 Rating, Add	*2,017.53*	
		For Class 55 Rating, Add	*3,006.92*	
		For Class 56 Rating, Add	*3,982.96*	
40 05 19 00-2306	EA	14" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,921.75	810.89
		For Class 52 Rating, Deduct	*-1,506.24*	
		For Class 54 Rating, Add	*2,068.71*	
		For Class 55 Rating, Add	*3,083.05*	
		For Class 56 Rating, Add	*4,083.70*	
40 05 19 00-2307	EA	14" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,268.68	814.99
		For Class 52 Rating, Deduct	*-1,543.72*	
		For Class 54 Rating, Add	*2,119.90*	
		For Class 55 Rating, Add	*3,159.18*	
		For Class 56 Rating, Add	*4,184.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2308	EA	14" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,615.62	819.08
		For Class 52 Rating, Deduct	*-1,581.20*	
		For Class 54 Rating, Add	*2,171.08*	
		For Class 55 Rating, Add	*3,235.32*	
		For Class 56 Rating, Add	*4,285.18*	
40 05 19 00-2309	EA	14" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,962.55	823.18
		For Class 52 Rating, Deduct	*-1,618.68*	
		For Class 54 Rating, Add	*2,222.26*	
		For Class 55 Rating, Add	*3,311.45*	
		For Class 56 Rating, Add	*4,385.92*	
40 05 19 00-2310	EA	14" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,309.50	827.27
		For Class 52 Rating, Deduct	*-1,656.17*	
		For Class 54 Rating, Add	*2,273.45*	
		For Class 55 Rating, Add	*3,387.58*	
		For Class 56 Rating, Add	*4,486.66*	
40 05 19 00-2311	EA	14" Flanged (FxF), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,656.43	831.37
		For Class 52 Rating, Deduct	*-1,693.65*	
		For Class 54 Rating, Add	*2,324.63*	
		For Class 55 Rating, Add	*3,463.71*	
		For Class 56 Rating, Add	*4,587.40*	
40 05 19 00-2312	EA	14" Flanged (FxF), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,003.37	835.46
		For Class 52 Rating, Deduct	*-1,731.13*	
		For Class 54 Rating, Add	*2,375.82*	
		For Class 55 Rating, Add	*3,539.85*	
		For Class 56 Rating, Add	*4,688.14*	
40 05 19 00-2313	EA	14" Flanged (FxF), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,350.31	839.57
		For Class 52 Rating, Deduct	*-1,768.61*	
		For Class 54 Rating, Add	*2,427.00*	
		For Class 55 Rating, Add	*3,615.98*	
		For Class 56 Rating, Add	*4,788.88*	

40 05 19 00-2314 16" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2074)*

40 05 19 00-2315	EA	16" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,298.42	786.33
		For Class 52 Rating, Deduct	*-451.77*	
		For Class 54 Rating, Add	*630.35*	
		For Class 55 Rating, Add	*944.46*	
		For Class 56 Rating, Add	*1,254.46*	
40 05 19 00-2316	EA	16" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,700.12	790.42
		For Class 52 Rating, Deduct	*-495.28*	
		For Class 54 Rating, Add	*689.75*	
		For Class 55 Rating, Add	*1,032.80*	
		For Class 56 Rating, Add	*1,371.36*	
40 05 19 00-2317	EA	16" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,101.81	794.52
		For Class 52 Rating, Deduct	*-538.78*	
		For Class 54 Rating, Add	*749.15*	
		For Class 55 Rating, Add	*1,121.15*	
		For Class 56 Rating, Add	*1,488.25*	
40 05 19 00-2318	EA	16" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,503.52	798.61
		For Class 52 Rating, Deduct	*-582.29*	
		For Class 54 Rating, Add	*808.55*	
		For Class 55 Rating, Add	*1,209.49*	
		For Class 56 Rating, Add	*1,605.14*	
40 05 19 00-2319	EA	16" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,905.21	802.71
		For Class 52 Rating, Deduct	*-625.79*	
		For Class 54 Rating, Add	*867.94*	
		For Class 55 Rating, Add	*1,297.83*	
		For Class 56 Rating, Add	*1,722.04*	
40 05 19 00-2320	EA	16" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,306.90	806.80
		For Class 52 Rating, Deduct	*-669.29*	
		For Class 54 Rating, Add	*927.34*	
		For Class 55 Rating, Add	*1,386.18*	
		For Class 56 Rating, Add	*1,838.93*	
40 05 19 00-2321	EA	16" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,708.60	810.89
		For Class 52 Rating, Deduct	*-712.80*	
		For Class 54 Rating, Add	*986.74*	
		For Class 55 Rating, Add	*1,474.52*	
		For Class 56 Rating, Add	*1,955.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2322	EA	16" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,110.29	814.99
		For Class 52 Rating, Deduct	*-756.30*	
		For Class 54 Rating, Add	*1,046.14*	
		For Class 55 Rating, Add	*1,562.86*	
		For Class 56 Rating, Add	*2,072.71*	
40 05 19 00-2323	EA	16" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,511.99	819.08
		For Class 52 Rating, Deduct	*-799.80*	
		For Class 54 Rating, Add	*1,105.53*	
		For Class 55 Rating, Add	*1,651.21*	
		For Class 56 Rating, Add	*2,189.61*	
40 05 19 00-2324	EA	16" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,913.68	823.18
		For Class 52 Rating, Deduct	*-843.31*	
		For Class 54 Rating, Add	*1,164.93*	
		For Class 55 Rating, Add	*1,739.55*	
		For Class 56 Rating, Add	*2,306.50*	
40 05 19 00-2325	EA	16" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,315.39	827.27
		For Class 52 Rating, Deduct	*-886.81*	
		For Class 54 Rating, Add	*1,224.33*	
		For Class 55 Rating, Add	*1,827.90*	
		For Class 56 Rating, Add	*2,423.40*	
40 05 19 00-2326	EA	16" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,717.08	831.37
		For Class 52 Rating, Deduct	*-930.32*	
		For Class 54 Rating, Add	*1,283.73*	
		For Class 55 Rating, Add	*1,916.24*	
		For Class 56 Rating, Add	*2,540.29*	
40 05 19 00-2327	EA	16" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,118.78	835.46
		For Class 52 Rating, Deduct	*-973.82*	
		For Class 54 Rating, Add	*1,343.13*	
		For Class 55 Rating, Add	*2,004.58*	
		For Class 56 Rating, Add	*2,657.18*	
40 05 19 00-2328	EA	16" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,520.48	839.57
		For Class 52 Rating, Deduct	*-1,017.33*	
		For Class 54 Rating, Add	*1,402.53*	
		For Class 55 Rating, Add	*2,092.93*	
		For Class 56 Rating, Add	*2,774.08*	
40 05 19 00-2329	EA	16" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,922.17	843.66
		For Class 52 Rating, Deduct	*-1,060.83*	
		For Class 54 Rating, Add	*1,461.92*	
		For Class 55 Rating, Add	*2,181.27*	
		For Class 56 Rating, Add	*2,890.97*	
40 05 19 00-2330	EA	16" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,323.86	847.76
		For Class 52 Rating, Deduct	*-1,104.33*	
		For Class 54 Rating, Add	*1,521.32*	
		For Class 55 Rating, Add	*2,269.61*	
		For Class 56 Rating, Add	*3,007.86*	
40 05 19 00-2331	EA	16" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,725.57	851.85
		For Class 52 Rating, Deduct	*-1,147.84*	
		For Class 54 Rating, Add	*1,580.72*	
		For Class 55 Rating, Add	*2,357.95*	
		For Class 56 Rating, Add	*3,124.75*	
40 05 19 00-2332	EA	16" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,127.26	855.95
		For Class 52 Rating, Deduct	*-1,191.34*	
		For Class 54 Rating, Add	*1,640.12*	
		For Class 55 Rating, Add	*2,446.30*	
		For Class 56 Rating, Add	*3,241.65*	
40 05 19 00-2333	EA	16" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,528.96	860.04
		For Class 52 Rating, Deduct	*-1,234.85*	
		For Class 54 Rating, Add	*1,699.52*	
		For Class 55 Rating, Add	*2,534.64*	
		For Class 56 Rating, Add	*3,358.54*	
40 05 19 00-2334	EA	16" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,930.65	864.14
		For Class 52 Rating, Deduct	*-1,278.35*	
		For Class 54 Rating, Add	*1,758.92*	
		For Class 55 Rating, Add	*2,622.99*	
		For Class 56 Rating, Add	*3,475.44*	
40 05 19 00-2335	EA	16" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,332.35	868.23
		For Class 52 Rating, Deduct	*-1,321.85*	
		For Class 54 Rating, Add	*1,818.31*	
		For Class 55 Rating, Add	*2,711.33*	
		For Class 56 Rating, Add	*3,592.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2336	EA	16" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,734.05	872.33
		For Class 52 Rating, Deduct	*-1,365.36*	
		For Class 54 Rating, Add	*1,877.71*	
		For Class 55 Rating, Add	*2,799.67*	
		For Class 56 Rating, Add	*3,709.22*	
40 05 19 00-2337	EA	16" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,135.74	876.42
		For Class 52 Rating, Deduct	*-1,408.86*	
		For Class 54 Rating, Add	*1,937.11*	
		For Class 55 Rating, Add	*2,888.02*	
		For Class 56 Rating, Add	*3,826.11*	
40 05 19 00-2338	EA	16" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,537.44	880.52
		For Class 52 Rating, Deduct	*-1,452.37*	
		For Class 54 Rating, Add	*1,996.51*	
		For Class 55 Rating, Add	*2,976.36*	
		For Class 56 Rating, Add	*3,943.01*	
40 05 19 00-2339	EA	16" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,939.13	884.61
		For Class 52 Rating, Deduct	*-1,495.87*	
		For Class 54 Rating, Add	*2,055.91*	
		For Class 55 Rating, Add	*3,064.70*	
		For Class 56 Rating, Add	*4,059.90*	
40 05 19 00-2340	EA	16" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,340.83	888.70
		For Class 52 Rating, Deduct	*-1,539.37*	
		For Class 54 Rating, Add	*2,115.30*	
		For Class 55 Rating, Add	*3,153.05*	
		For Class 56 Rating, Add	*4,176.79*	
40 05 19 00-2341	EA	16" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,742.53	892.80
		For Class 52 Rating, Deduct	*-1,582.88*	
		For Class 54 Rating, Add	*2,174.70*	
		For Class 55 Rating, Add	*3,241.39*	
		For Class 56 Rating, Add	*4,293.69*	
40 05 19 00-2342	EA	16" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,144.23	896.90
		For Class 52 Rating, Deduct	*-1,626.38*	
		For Class 54 Rating, Add	*2,234.10*	
		For Class 55 Rating, Add	*3,329.73*	
		For Class 56 Rating, Add	*4,410.58*	
40 05 19 00-2343	EA	16" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,545.92	901.00
		For Class 52 Rating, Deduct	*-1,669.89*	
		For Class 54 Rating, Add	*2,293.50*	
		For Class 55 Rating, Add	*3,418.08*	
		For Class 56 Rating, Add	*4,527.48*	
40 05 19 00-2344	EA	16" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,947.62	905.09
		For Class 52 Rating, Deduct	*-1,713.39*	
		For Class 54 Rating, Add	*2,352.90*	
		For Class 55 Rating, Add	*3,506.42*	
		For Class 56 Rating, Add	*4,644.37*	
40 05 19 00-2345	EA	16" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,349.32	909.19
		For Class 52 Rating, Deduct	*-1,756.89*	
		For Class 54 Rating, Add	*2,412.29*	
		For Class 55 Rating, Add	*3,594.76*	
		For Class 56 Rating, Add	*4,761.26*	
40 05 19 00-2346	EA	16" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,751.01	913.28
		For Class 52 Rating, Deduct	*-1,800.40*	
		For Class 54 Rating, Add	*2,471.69*	
		For Class 55 Rating, Add	*3,683.11*	
		For Class 56 Rating, Add	*4,878.15*	
40 05 19 00-2347	EA	16" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,152.70	917.38
		For Class 52 Rating, Deduct	*-1,843.90*	
		For Class 54 Rating, Add	*2,531.09*	
		For Class 55 Rating, Add	*3,771.45*	
		For Class 56 Rating, Add	*4,995.05*	
40 05 19 00-2348	EA	16" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,554.39	921.47
		For Class 52 Rating, Deduct	*-1,887.41*	
		For Class 54 Rating, Add	*2,590.49*	
		For Class 55 Rating, Add	*3,859.79*	
		For Class 56 Rating, Add	*5,111.94*	
40 05 19 00-2349	EA	16" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,956.10	925.57
		For Class 52 Rating, Deduct	*-1,930.91*	
		For Class 54 Rating, Add	*2,649.89*	
		For Class 55 Rating, Add	*3,948.14*	
		For Class 56 Rating, Add	*5,228.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2350	EA	16" Flanged (FxF), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,357.80	929.66
		For Class 52 Rating, Deduct	*-1,974.41*	
		For Class 54 Rating, Add	*2,709.29*	
		For Class 55 Rating, Add	*4,036.48*	
		For Class 56 Rating, Add	*5,345.73*	
40 05 19 00-2351	EA	16" Flanged (FxF), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,759.49	933.76
		For Class 52 Rating, Deduct	*-2,017.92*	
		For Class 54 Rating, Add	*2,768.68*	
		For Class 55 Rating, Add	*4,124.83*	
		For Class 56 Rating, Add	*5,462.62*	
40 05 19 00-2352	EA	16" Flanged (FxF), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,161.19	937.85
		For Class 52 Rating, Deduct	*-2,061.42*	
		For Class 54 Rating, Add	*2,828.08*	
		For Class 55 Rating, Add	*4,213.17*	
		For Class 56 Rating, Add	*5,579.51*	

40 05 19 00-2353 18" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2074)*

40 05 19 00-2354	EA	18" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,179.96	886.25
		For Class 52 Rating, Deduct	*-532.09*	
		For Class 54 Rating, Add	*741.69*	
		For Class 55 Rating, Add	*1,110.91*	
		For Class 56 Rating, Add	*1,475.30*	
40 05 19 00-2355	EA	18" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,642.50	890.35
		For Class 52 Rating, Deduct	*-582.29*	
		For Class 54 Rating, Add	*810.21*	
		For Class 55 Rating, Add	*1,212.83*	
		For Class 56 Rating, Add	*1,610.15*	
40 05 19 00-2356	EA	18" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,105.05	894.44
		For Class 52 Rating, Deduct	*-632.48*	
		For Class 54 Rating, Add	*878.74*	
		For Class 55 Rating, Add	*1,314.74*	
		For Class 56 Rating, Add	*1,744.99*	
40 05 19 00-2357	EA	18" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,567.59	898.54
		For Class 52 Rating, Deduct	*-682.68*	
		For Class 54 Rating, Add	*947.26*	
		For Class 55 Rating, Add	*1,416.65*	
		For Class 56 Rating, Add	*1,879.83*	
40 05 19 00-2358	EA	18" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,030.13	902.63
		For Class 52 Rating, Deduct	*-732.88*	
		For Class 54 Rating, Add	*1,015.79*	
		For Class 55 Rating, Add	*1,518.56*	
		For Class 56 Rating, Add	*2,014.67*	
40 05 19 00-2359	EA	18" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,492.67	906.73
		For Class 52 Rating, Deduct	*-783.07*	
		For Class 54 Rating, Add	*1,084.31*	
		For Class 55 Rating, Add	*1,620.47*	
		For Class 56 Rating, Add	*2,149.52*	
40 05 19 00-2360	EA	18" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,955.22	910.82
		For Class 52 Rating, Deduct	*-833.27*	
		For Class 54 Rating, Add	*1,152.84*	
		For Class 55 Rating, Add	*1,722.39*	
		For Class 56 Rating, Add	*2,284.36*	
40 05 19 00-2361	EA	18" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,417.75	914.92
		For Class 52 Rating, Deduct	*-883.47*	
		For Class 54 Rating, Add	*1,221.36*	
		For Class 55 Rating, Add	*1,824.30*	
		For Class 56 Rating, Add	*2,419.20*	
40 05 19 00-2362	EA	18" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,880.29	919.01
		For Class 52 Rating, Deduct	*-933.66*	
		For Class 54 Rating, Add	*1,289.89*	
		For Class 55 Rating, Add	*1,926.21*	
		For Class 56 Rating, Add	*2,554.04*	
40 05 19 00-2363	EA	18" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,342.84	923.11
		For Class 52 Rating, Deduct	*-983.86*	
		For Class 54 Rating, Add	*1,358.41*	
		For Class 55 Rating, Add	*2,028.12*	
		For Class 56 Rating, Add	*2,688.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2364	EA	18" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,805.38	927.20
		For Class 52 Rating, Deduct	*-1,034.06*	
		For Class 54 Rating, Add	*1,426.94*	
		For Class 55 Rating, Add	*2,130.03*	
		For Class 56 Rating, Add	*2,823.73*	
40 05 19 00-2365	EA	18" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,267.92	931.31
		For Class 52 Rating, Deduct	*-1,084.25*	
		For Class 54 Rating, Add	*1,495.46*	
		For Class 55 Rating, Add	*2,231.95*	
		For Class 56 Rating, Add	*2,958.57*	
40 05 19 00-2366	EA	18" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,730.46	935.40
		For Class 52 Rating, Deduct	*-1,134.45*	
		For Class 54 Rating, Add	*1,563.99*	
		For Class 55 Rating, Add	*2,333.86*	
		For Class 56 Rating, Add	*3,093.41*	
40 05 19 00-2367	EA	18" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,193.00	939.49
		For Class 52 Rating, Deduct	*-1,184.65*	
		For Class 54 Rating, Add	*1,632.51*	
		For Class 55 Rating, Add	*2,435.77*	
		For Class 56 Rating, Add	*3,228.26*	
40 05 19 00-2368	EA	18" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,655.54	943.59
		For Class 52 Rating, Deduct	*-1,234.85*	
		For Class 54 Rating, Add	*1,701.04*	
		For Class 55 Rating, Add	*2,537.68*	
		For Class 56 Rating, Add	*3,363.10*	
40 05 19 00-2369	EA	18" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,118.09	947.68
		For Class 52 Rating, Deduct	*-1,285.04*	
		For Class 54 Rating, Add	*1,769.56*	
		For Class 55 Rating, Add	*2,639.59*	
		For Class 56 Rating, Add	*3,497.94*	
40 05 19 00-2370	EA	18" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,580.63	951.78
		For Class 52 Rating, Deduct	*-1,335.24*	
		For Class 54 Rating, Add	*1,838.09*	
		For Class 55 Rating, Add	*2,741.50*	
		For Class 56 Rating, Add	*3,632.78*	
40 05 19 00-2371	EA	18" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,043.16	955.87
		For Class 52 Rating, Deduct	*-1,385.44*	
		For Class 54 Rating, Add	*1,906.61*	
		For Class 55 Rating, Add	*2,843.41*	
		For Class 56 Rating, Add	*3,767.63*	
40 05 19 00-2372	EA	18" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,505.70	959.97
		For Class 52 Rating, Deduct	*-1,435.63*	
		For Class 54 Rating, Add	*1,975.14*	
		For Class 55 Rating, Add	*2,945.33*	
		For Class 56 Rating, Add	*3,902.47*	
40 05 19 00-2373	EA	18" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,968.26	964.06
		For Class 52 Rating, Deduct	*-1,485.83*	
		For Class 54 Rating, Add	*2,043.66*	
		For Class 55 Rating, Add	*3,047.24*	
		For Class 56 Rating, Add	*4,037.31*	
40 05 19 00-2374	EA	18" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,430.79	968.16
		For Class 52 Rating, Deduct	*-1,536.03*	
		For Class 54 Rating, Add	*2,112.18*	
		For Class 55 Rating, Add	*3,149.15*	
		For Class 56 Rating, Add	*4,172.15*	
40 05 19 00-2375	EA	18" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,893.33	972.25
		For Class 52 Rating, Deduct	*-1,586.22*	
		For Class 54 Rating, Add	*2,180.71*	
		For Class 55 Rating, Add	*3,251.06*	
		For Class 56 Rating, Add	*4,307.00*	
40 05 19 00-2376	EA	18" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,355.87	976.35
		For Class 52 Rating, Deduct	*-1,636.42*	
		For Class 54 Rating, Add	*2,249.23*	
		For Class 55 Rating, Add	*3,352.97*	
		For Class 56 Rating, Add	*4,441.84*	
40 05 19 00-2377	EA	18" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,818.42	980.44
		For Class 52 Rating, Deduct	*-1,686.62*	
		For Class 54 Rating, Add	*2,317.76*	
		For Class 55 Rating, Add	*3,454.89*	
		For Class 56 Rating, Add	*4,576.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2378	EA	18" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,280.96	984.54
		For Class 52 Rating, Deduct	*-1,736.82*	
		For Class 54 Rating, Add	*2,386.29*	
		For Class 55 Rating, Add	*3,556.80*	
		For Class 56 Rating, Add	*4,711.53*	
40 05 19 00-2379	EA	18" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,743.49	988.63
		For Class 52 Rating, Deduct	*-1,787.01*	
		For Class 54 Rating, Add	*2,454.81*	
		For Class 55 Rating, Add	*3,658.71*	
		For Class 56 Rating, Add	*4,846.37*	
40 05 19 00-2380	EA	18" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,206.04	992.74
		For Class 52 Rating, Deduct	*-1,837.21*	
		For Class 54 Rating, Add	*2,523.33*	
		For Class 55 Rating, Add	*3,760.62*	
		For Class 56 Rating, Add	*4,981.21*	
40 05 19 00-2381	EA	18" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,668.57	996.83
		For Class 52 Rating, Deduct	*-1,887.41*	
		For Class 54 Rating, Add	*2,591.86*	
		For Class 55 Rating, Add	*3,862.53*	
		For Class 56 Rating, Add	*5,116.05*	
40 05 19 00-2382	EA	18" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,131.12	1,000.93
		For Class 52 Rating, Deduct	*-1,937.60*	
		For Class 54 Rating, Add	*2,660.38*	
		For Class 55 Rating, Add	*3,964.45*	
		For Class 56 Rating, Add	*5,250.89*	
40 05 19 00-2383	EA	18" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,593.67	1,005.02
		For Class 52 Rating, Deduct	*-1,987.80*	
		For Class 54 Rating, Add	*2,728.91*	
		For Class 55 Rating, Add	*4,066.36*	
		For Class 56 Rating, Add	*5,385.74*	
40 05 19 00-2384	EA	18" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,056.20	1,009.12
		For Class 52 Rating, Deduct	*-2,038.00*	
		For Class 54 Rating, Add	*2,797.43*	
		For Class 55 Rating, Add	*4,168.27*	
		For Class 56 Rating, Add	*5,520.58*	
40 05 19 00-2385	EA	18" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,518.74	1,013.21
		For Class 52 Rating, Deduct	*-2,088.19*	
		For Class 54 Rating, Add	*2,865.96*	
		For Class 55 Rating, Add	*4,270.18*	
		For Class 56 Rating, Add	*5,655.42*	
40 05 19 00-2386	EA	18" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,981.28	1,017.30
		For Class 52 Rating, Deduct	*-2,138.39*	
		For Class 54 Rating, Add	*2,934.48*	
		For Class 55 Rating, Add	*4,372.09*	
		For Class 56 Rating, Add	*5,790.26*	
40 05 19 00-2387	EA	18" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,443.83	1,021.40
		For Class 52 Rating, Deduct	*-2,188.59*	
		For Class 54 Rating, Add	*3,003.01*	
		For Class 55 Rating, Add	*4,474.01*	
		For Class 56 Rating, Add	*5,925.11*	
40 05 19 00-2388	EA	18" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,906.37	1,025.49
		For Class 52 Rating, Deduct	*-2,238.78*	
		For Class 54 Rating, Add	*3,071.53*	
		For Class 55 Rating, Add	*4,575.92*	
		For Class 56 Rating, Add	*6,059.95*	
40 05 19 00-2389	EA	18" Flanged (FxF), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,368.90	1,029.59
		For Class 52 Rating, Deduct	*-2,288.98*	
		For Class 54 Rating, Add	*3,140.06*	
		For Class 55 Rating, Add	*4,677.83*	
		For Class 56 Rating, Add	*6,194.79*	
40 05 19 00-2390	EA	18" Flanged (FxF), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,831.45	1,033.68
		For Class 52 Rating, Deduct	*-2,339.18*	
		For Class 54 Rating, Add	*3,208.58*	
		For Class 55 Rating, Add	*4,779.74*	
		For Class 56 Rating, Add	*6,329.63*	
40 05 19 00-2391	EA	18" Flanged (FxF), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,293.99	1,037.78
		For Class 52 Rating, Deduct	*-2,389.37*	
		For Class 54 Rating, Add	*3,277.11*	
		For Class 55 Rating, Add	*4,881.65*	
		For Class 56 Rating, Add	*6,464.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2392		20" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2074)*		
40 05 19 00-2393	EA	20" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,236.88	1,011.57
		For Class 52 Rating, Deduct	*-627.46*	
		For Class 54 Rating, Add	*874.02*	
		For Class 55 Rating, Add	*1,308.82*	
		For Class 56 Rating, Add	*1,737.92*	
40 05 19 00-2394	EA	20" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,763.31	1,015.67
		For Class 52 Rating, Deduct	*-684.69*	
		For Class 54 Rating, Add	*952.13*	
		For Class 55 Rating, Add	*1,424.98*	
		For Class 56 Rating, Add	*1,891.60*	
40 05 19 00-2395	EA	20" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,289.74	1,019.77
		For Class 52 Rating, Deduct	*-741.91*	
		For Class 54 Rating, Add	*1,030.24*	
		For Class 55 Rating, Add	*1,541.14*	
		For Class 56 Rating, Add	*2,045.29*	
40 05 19 00-2396	EA	20" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,816.17	1,023.86
		For Class 52 Rating, Deduct	*-799.14*	
		For Class 54 Rating, Add	*1,108.35*	
		For Class 55 Rating, Add	*1,657.30*	
		For Class 56 Rating, Add	*2,198.98*	
40 05 19 00-2397	EA	20" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,342.59	1,027.95
		For Class 52 Rating, Deduct	*-856.36*	
		For Class 54 Rating, Add	*1,186.45*	
		For Class 55 Rating, Add	*1,773.46*	
		For Class 56 Rating, Add	*2,352.67*	
40 05 19 00-2398	EA	20" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,869.03	1,032.05
		For Class 52 Rating, Deduct	*-913.59*	
		For Class 54 Rating, Add	*1,264.56*	
		For Class 55 Rating, Add	*1,889.62*	
		For Class 56 Rating, Add	*2,506.36*	
40 05 19 00-2399	EA	20" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,395.46	1,036.14
		For Class 52 Rating, Deduct	*-970.81*	
		For Class 54 Rating, Add	*1,342.67*	
		For Class 55 Rating, Add	*2,005.77*	
		For Class 56 Rating, Add	*2,660.05*	
40 05 19 00-2400	EA	20" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,921.88	1,040.24
		For Class 52 Rating, Deduct	*-1,028.03*	
		For Class 54 Rating, Add	*1,420.78*	
		For Class 55 Rating, Add	*2,121.93*	
		For Class 56 Rating, Add	*2,813.74*	
40 05 19 00-2401	EA	20" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,448.30	1,044.33
		For Class 52 Rating, Deduct	*-1,085.26*	
		For Class 54 Rating, Add	*1,498.88*	
		For Class 55 Rating, Add	*2,238.09*	
		For Class 56 Rating, Add	*2,967.43*	
40 05 19 00-2402	EA	20" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,974.74	1,048.43
		For Class 52 Rating, Deduct	*-1,142.48*	
		For Class 54 Rating, Add	*1,576.99*	
		For Class 55 Rating, Add	*2,354.25*	
		For Class 56 Rating, Add	*3,121.12*	
40 05 19 00-2403	EA	20" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,501.17	1,052.52
		For Class 52 Rating, Deduct	*-1,199.71*	
		For Class 54 Rating, Add	*1,655.10*	
		For Class 55 Rating, Add	*2,470.41*	
		For Class 56 Rating, Add	*3,274.81*	
40 05 19 00-2404	EA	20" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,027.59	1,056.62
		For Class 52 Rating, Deduct	*-1,256.93*	
		For Class 54 Rating, Add	*1,733.21*	
		For Class 55 Rating, Add	*2,586.57*	
		For Class 56 Rating, Add	*3,428.50*	
40 05 19 00-2405	EA	20" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,554.02	1,060.71
		For Class 52 Rating, Deduct	*-1,314.16*	
		For Class 54 Rating, Add	*1,811.32*	
		For Class 55 Rating, Add	*2,702.73*	
		For Class 56 Rating, Add	*3,582.19*	
40 05 19 00-2406	EA	20" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,080.45	1,064.81
		For Class 52 Rating, Deduct	*-1,371.38*	
		For Class 54 Rating, Add	*1,889.43*	
		For Class 55 Rating, Add	*2,818.88*	
		For Class 56 Rating, Add	*3,735.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2407	EA	20" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,606.88	1,068.90
		For Class 52 Rating, Deduct	*-1,428.61*	
		For Class 54 Rating, Add	*1,967.53*	
		For Class 55 Rating, Add	*2,935.04*	
		For Class 56 Rating, Add	*3,889.56*	
40 05 19 00-2408	EA	20" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,133.31	1,073.01
		For Class 52 Rating, Deduct	*-1,485.83*	
		For Class 54 Rating, Add	*2,045.64*	
		For Class 55 Rating, Add	*3,051.20*	
		For Class 56 Rating, Add	*4,043.25*	
40 05 19 00-2409	EA	20" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,659.74	1,077.10
		For Class 52 Rating, Deduct	*-1,543.05*	
		For Class 54 Rating, Add	*2,123.75*	
		For Class 55 Rating, Add	*3,167.36*	
		For Class 56 Rating, Add	*4,196.94*	
40 05 19 00-2410	EA	20" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,186.16	1,081.20
		For Class 52 Rating, Deduct	*-1,600.28*	
		For Class 54 Rating, Add	*2,201.86*	
		For Class 55 Rating, Add	*3,283.52*	
		For Class 56 Rating, Add	*4,350.63*	
40 05 19 00-2411	EA	20" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,712.59	1,085.29
		For Class 52 Rating, Deduct	*-1,657.50*	
		For Class 54 Rating, Add	*2,279.96*	
		For Class 55 Rating, Add	*3,399.68*	
		For Class 56 Rating, Add	*4,504.32*	
40 05 19 00-2412	EA	20" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,239.02	1,089.39
		For Class 52 Rating, Deduct	*-1,714.73*	
		For Class 54 Rating, Add	*2,358.07*	
		For Class 55 Rating, Add	*3,515.84*	
		For Class 56 Rating, Add	*4,658.01*	
40 05 19 00-2413	EA	20" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,765.45	1,093.48
		For Class 52 Rating, Deduct	*-1,771.95*	
		For Class 54 Rating, Add	*2,436.18*	
		For Class 55 Rating, Add	*3,631.99*	
		For Class 56 Rating, Add	*4,811.70*	
40 05 19 00-2414	EA	20" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,291.87	1,097.58
		For Class 52 Rating, Deduct	*-1,829.18*	
		For Class 54 Rating, Add	*2,514.29*	
		For Class 55 Rating, Add	*3,748.15*	
		For Class 56 Rating, Add	*4,965.39*	
40 05 19 00-2415	EA	20" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,818.30	1,101.67
		For Class 52 Rating, Deduct	*-1,886.40*	
		For Class 54 Rating, Add	*2,592.40*	
		For Class 55 Rating, Add	*3,864.31*	
		For Class 56 Rating, Add	*5,119.08*	
40 05 19 00-2416	EA	20" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,344.74	1,105.76
		For Class 52 Rating, Deduct	*-1,943.63*	
		For Class 54 Rating, Add	*2,670.50*	
		For Class 55 Rating, Add	*3,980.47*	
		For Class 56 Rating, Add	*5,272.77*	
40 05 19 00-2417	EA	20" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,871.16	1,109.86
		For Class 52 Rating, Deduct	*-2,000.85*	
		For Class 54 Rating, Add	*2,748.61*	
		For Class 55 Rating, Add	*4,096.63*	
		For Class 56 Rating, Add	*5,426.46*	
40 05 19 00-2418	EA	20" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,397.59	1,113.95
		For Class 52 Rating, Deduct	*-2,058.08*	
		For Class 54 Rating, Add	*2,826.72*	
		For Class 55 Rating, Add	*4,212.79*	
		For Class 56 Rating, Add	*5,580.15*	
40 05 19 00-2419	EA	20" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,924.01	1,118.05
		For Class 52 Rating, Deduct	*-2,115.30*	
		For Class 54 Rating, Add	*2,904.83*	
		For Class 55 Rating, Add	*4,328.95*	
		For Class 56 Rating, Add	*5,733.83*	
40 05 19 00-2420	EA	20" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,450.45	1,122.14
		For Class 52 Rating, Deduct	*-2,172.52*	
		For Class 54 Rating, Add	*2,982.94*	
		For Class 55 Rating, Add	*4,445.10*	
		For Class 56 Rating, Add	*5,887.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2421	EA	20" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,976.88	1,126.24
		For Class 52 Rating, Deduct	*-2,229.75*	
		For Class 54 Rating, Add	*3,061.04*	
		For Class 55 Rating, Add	*4,561.26*	
		For Class 56 Rating, Add	*6,041.21*	
40 05 19 00-2422	EA	20" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,503.30	1,130.34
		For Class 52 Rating, Deduct	*-2,286.97*	
		For Class 54 Rating, Add	*3,139.15*	
		For Class 55 Rating, Add	*4,677.42*	
		For Class 56 Rating, Add	*6,194.90*	
40 05 19 00-2423	EA	20" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,029.73	1,134.44
		For Class 52 Rating, Deduct	*-2,344.20*	
		For Class 54 Rating, Add	*3,217.26*	
		For Class 55 Rating, Add	*4,793.58*	
		For Class 56 Rating, Add	*6,348.59*	
40 05 19 00-2424	EA	20" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,556.16	1,138.53
		For Class 52 Rating, Deduct	*-2,401.42*	
		For Class 54 Rating, Add	*3,295.37*	
		For Class 55 Rating, Add	*4,909.74*	
		For Class 56 Rating, Add	*6,502.28*	
40 05 19 00-2425	EA	20" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,082.59	1,142.63
		For Class 52 Rating, Deduct	*-2,458.65*	
		For Class 54 Rating, Add	*3,373.48*	
		For Class 55 Rating, Add	*5,025.90*	
		For Class 56 Rating, Add	*6,655.97*	
40 05 19 00-2426	EA	20" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,609.01	1,146.72
		For Class 52 Rating, Deduct	*-2,515.87*	
		For Class 54 Rating, Add	*3,451.58*	
		For Class 55 Rating, Add	*5,142.06*	
		For Class 56 Rating, Add	*6,809.66*	
40 05 19 00-2427	EA	20" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,135.44	1,150.82
		For Class 52 Rating, Deduct	*-2,573.10*	
		For Class 54 Rating, Add	*3,529.69*	
		For Class 55 Rating, Add	*5,258.21*	
		For Class 56 Rating, Add	*6,963.35*	
40 05 19 00-2428	EA	20" Flanged (FxF), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,661.87	1,154.91
		For Class 52 Rating, Deduct	*-2,630.32*	
		For Class 54 Rating, Add	*3,607.80*	
		For Class 55 Rating, Add	*5,374.37*	
		For Class 56 Rating, Add	*7,117.04*	
40 05 19 00-2429	EA	20" Flanged (FxF), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	26,188.30	1,159.01
		For Class 52 Rating, Deduct	*-2,687.55*	
		For Class 54 Rating, Add	*3,685.91*	
		For Class 55 Rating, Add	*5,490.53*	
		For Class 56 Rating, Add	*7,270.73*	
40 05 19 00-2430	EA	20" Flanged (FxF), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	26,714.73	1,163.10
		For Class 52 Rating, Deduct	*-2,744.77*	
		For Class 54 Rating, Add	*3,764.01*	
		For Class 55 Rating, Add	*5,606.69*	
		For Class 56 Rating, Add	*7,424.41*	
40 05 19 00-2431		24" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2074)*		
40 05 19 00-2432	EA	24" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,930.76	1,195.87
		For Class 52 Rating, Deduct	*-783.07*	
		For Class 54 Rating, Add	*1,089.57*	
		For Class 55 Rating, Add	*1,630.99*	
		For Class 56 Rating, Add	*2,165.29*	
40 05 19 00-2433	EA	24" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,581.92	1,199.96
		For Class 52 Rating, Deduct	*-854.02*	
		For Class 54 Rating, Add	*1,186.39*	
		For Class 55 Rating, Add	*1,774.96*	
		For Class 56 Rating, Add	*2,355.77*	
40 05 19 00-2434	EA	24" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,233.08	1,204.06
		For Class 52 Rating, Deduct	*-924.96*	
		For Class 54 Rating, Add	*1,283.20*	
		For Class 55 Rating, Add	*1,918.94*	
		For Class 56 Rating, Add	*2,546.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2435	EA	24" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,884.24	1,208.15
		For Class 52 Rating, Deduct	*-995.91*	
		For Class 54 Rating, Add	*1,380.02*	
		For Class 55 Rating, Add	*2,062.91*	
		For Class 56 Rating, Add	*2,736.74*	
40 05 19 00-2436	EA	24" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,535.40	1,212.25
		For Class 52 Rating, Deduct	*-1,066.85*	
		For Class 54 Rating, Add	*1,476.84*	
		For Class 55 Rating, Add	*2,206.88*	
		For Class 56 Rating, Add	*2,927.23*	
40 05 19 00-2437	EA	24" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,186.56	1,216.34
		For Class 52 Rating, Deduct	*-1,137.80*	
		For Class 54 Rating, Add	*1,573.66*	
		For Class 55 Rating, Add	*2,350.86*	
		For Class 56 Rating, Add	*3,117.71*	
40 05 19 00-2438	EA	24" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,837.72	1,220.44
		For Class 52 Rating, Deduct	*-1,208.74*	
		For Class 54 Rating, Add	*1,670.48*	
		For Class 55 Rating, Add	*2,494.83*	
		For Class 56 Rating, Add	*3,308.20*	
40 05 19 00-2439	EA	24" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,488.88	1,224.53
		For Class 52 Rating, Deduct	*-1,279.69*	
		For Class 54 Rating, Add	*1,767.29*	
		For Class 55 Rating, Add	*2,638.81*	
		For Class 56 Rating, Add	*3,498.68*	
40 05 19 00-2440	EA	24" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,140.04	1,228.63
		For Class 52 Rating, Deduct	*-1,350.63*	
		For Class 54 Rating, Add	*1,864.11*	
		For Class 55 Rating, Add	*2,782.78*	
		For Class 56 Rating, Add	*3,689.17*	
40 05 19 00-2441	EA	24" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,791.21	1,232.72
		For Class 52 Rating, Deduct	*-1,421.58*	
		For Class 54 Rating, Add	*1,960.93*	
		For Class 55 Rating, Add	*2,926.75*	
		For Class 56 Rating, Add	*3,879.65*	
40 05 19 00-2442	EA	24" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,442.36	1,236.82
		For Class 52 Rating, Deduct	*-1,492.52*	
		For Class 54 Rating, Add	*2,057.75*	
		For Class 55 Rating, Add	*3,070.73*	
		For Class 56 Rating, Add	*4,070.14*	
40 05 19 00-2443	EA	24" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,093.52	1,240.91
		For Class 52 Rating, Deduct	*-1,563.47*	
		For Class 54 Rating, Add	*2,154.56*	
		For Class 55 Rating, Add	*3,214.70*	
		For Class 56 Rating, Add	*4,260.62*	
40 05 19 00-2444	EA	24" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,744.67	1,245.02
		For Class 52 Rating, Deduct	*-1,634.41*	
		For Class 54 Rating, Add	*2,251.38*	
		For Class 55 Rating, Add	*3,358.67*	
		For Class 56 Rating, Add	*4,451.11*	
40 05 19 00-2445	EA	24" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,395.85	1,249.11
		For Class 52 Rating, Deduct	*-1,705.36*	
		For Class 54 Rating, Add	*2,348.20*	
		For Class 55 Rating, Add	*3,502.65*	
		For Class 56 Rating, Add	*4,641.59*	
40 05 19 00-2446	EA	24" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,047.00	1,253.20
		For Class 52 Rating, Deduct	*-1,776.30*	
		For Class 54 Rating, Add	*2,445.02*	
		For Class 55 Rating, Add	*3,646.62*	
		For Class 56 Rating, Add	*4,832.08*	
40 05 19 00-2447	EA	24" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,698.15	1,257.30
		For Class 52 Rating, Deduct	*-1,847.25*	
		For Class 54 Rating, Add	*2,541.83*	
		For Class 55 Rating, Add	*3,790.59*	
		For Class 56 Rating, Add	*5,022.56*	
40 05 19 00-2448	EA	24" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,349.32	1,261.39
		For Class 52 Rating, Deduct	*-1,918.19*	
		For Class 54 Rating, Add	*2,638.65*	
		For Class 55 Rating, Add	*3,934.57*	
		For Class 56 Rating, Add	*5,213.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2449	EA	24" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,000.48	1,265.49
		For Class 52 Rating, Deduct	*-1,989.14*	
		For Class 54 Rating, Add	*2,735.47*	
		For Class 55 Rating, Add	*4,078.54*	
		For Class 56 Rating, Add	*5,403.53*	
40 05 19 00-2450	EA	24" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,651.64	1,269.58
		For Class 52 Rating, Deduct	*-2,060.08*	
		For Class 54 Rating, Add	*2,832.29*	
		For Class 55 Rating, Add	*4,222.52*	
		For Class 56 Rating, Add	*5,594.02*	
40 05 19 00-2451	EA	24" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,302.80	1,273.68
		For Class 52 Rating, Deduct	*-2,131.03*	
		For Class 54 Rating, Add	*2,929.10*	
		For Class 55 Rating, Add	*4,366.49*	
		For Class 56 Rating, Add	*5,784.50*	
40 05 19 00-2452	EA	24" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,953.96	1,277.77
		For Class 52 Rating, Deduct	*-2,201.97*	
		For Class 54 Rating, Add	*3,025.92*	
		For Class 55 Rating, Add	*4,510.47*	
		For Class 56 Rating, Add	*5,974.99*	
40 05 19 00-2453	EA	24" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,605.12	1,281.87
		For Class 52 Rating, Deduct	*-2,272.92*	
		For Class 54 Rating, Add	*3,122.74*	
		For Class 55 Rating, Add	*4,654.44*	
		For Class 56 Rating, Add	*6,165.47*	
40 05 19 00-2454	EA	24" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,256.28	1,285.96
		For Class 52 Rating, Deduct	*-2,343.86*	
		For Class 54 Rating, Add	*3,219.56*	
		For Class 55 Rating, Add	*4,798.41*	
		For Class 56 Rating, Add	*6,355.96*	
40 05 19 00-2455	EA	24" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,907.44	1,290.06
		For Class 52 Rating, Deduct	*-2,414.81*	
		For Class 54 Rating, Add	*3,316.38*	
		For Class 55 Rating, Add	*4,942.39*	
		For Class 56 Rating, Add	*6,546.44*	
40 05 19 00-2456	EA	24" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,558.60	1,294.15
		For Class 52 Rating, Deduct	*-2,485.75*	
		For Class 54 Rating, Add	*3,413.19*	
		For Class 55 Rating, Add	*5,086.36*	
		For Class 56 Rating, Add	*6,736.93*	
40 05 19 00-2457	EA	24" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,209.75	1,298.25
		For Class 52 Rating, Deduct	*-2,556.70*	
		For Class 54 Rating, Add	*3,510.01*	
		For Class 55 Rating, Add	*5,230.33*	
		For Class 56 Rating, Add	*6,927.41*	
40 05 19 00-2458	EA	24" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,860.93	1,302.35
		For Class 52 Rating, Deduct	*-2,627.64*	
		For Class 54 Rating, Add	*3,606.83*	
		For Class 55 Rating, Add	*5,374.31*	
		For Class 56 Rating, Add	*7,117.90*	
40 05 19 00-2459	EA	24" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	26,512.08	1,306.45
		For Class 52 Rating, Deduct	*-2,698.59*	
		For Class 54 Rating, Add	*3,703.65*	
		For Class 55 Rating, Add	*5,518.28*	
		For Class 56 Rating, Add	*7,308.38*	
40 05 19 00-2460	EA	24" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	27,163.24	1,310.54
		For Class 52 Rating, Deduct	*-2,769.53*	
		For Class 54 Rating, Add	*3,800.46*	
		For Class 55 Rating, Add	*5,662.26*	
		For Class 56 Rating, Add	*7,498.87*	
40 05 19 00-2461	EA	24" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	27,919.88	1,384.26
		For Class 52 Rating, Deduct	*-2,840.48*	
		For Class 54 Rating, Add	*3,898.55*	
		For Class 55 Rating, Add	*5,808.76*	
		For Class 56 Rating, Add	*7,693.15*	
40 05 19 00-2462	EA	24" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	28,571.05	1,388.35
		For Class 52 Rating, Deduct	*-2,911.42*	
		For Class 54 Rating, Add	*3,995.37*	
		For Class 55 Rating, Add	*5,952.74*	
		For Class 56 Rating, Add	*7,883.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2463	EA	24" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	29,222.21	1,392.44
		For Class 52 Rating, Deduct	*-2,982.37*	
		For Class 54 Rating, Add	*4,092.18*	
		For Class 55 Rating, Add	*6,096.71*	
		For Class 56 Rating, Add	*8,074.12*	
40 05 19 00-2464	EA	24" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	29,873.37	1,396.54
		For Class 52 Rating, Deduct	*-3,053.31*	
		For Class 54 Rating, Add	*4,189.00*	
		For Class 55 Rating, Add	*6,240.68*	
		For Class 56 Rating, Add	*8,264.61*	
40 05 19 00-2465	EA	24" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	30,524.53	1,400.63
		For Class 52 Rating, Deduct	*-3,124.26*	
		For Class 54 Rating, Add	*4,285.82*	
		For Class 55 Rating, Add	*6,384.66*	
		For Class 56 Rating, Add	*8,455.09*	
40 05 19 00-2466	EA	24" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	31,175.69	1,404.73
		For Class 52 Rating, Deduct	*-3,195.20*	
		For Class 54 Rating, Add	*4,382.64*	
		For Class 55 Rating, Add	*6,528.63*	
		For Class 56 Rating, Add	*8,645.58*	
40 05 19 00-2467	EA	24" Flanged (FxF), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	31,826.85	1,408.82
		For Class 52 Rating, Deduct	*-3,266.15*	
		For Class 54 Rating, Add	*4,479.45*	
		For Class 55 Rating, Add	*6,672.60*	
		For Class 56 Rating, Add	*8,836.06*	
40 05 19 00-2468	EA	24" Flanged (FxF), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	32,478.01	1,412.92
		For Class 52 Rating, Deduct	*-3,337.09*	
		For Class 54 Rating, Add	*4,576.27*	
		For Class 55 Rating, Add	*6,816.58*	
		For Class 56 Rating, Add	*9,026.55*	
40 05 19 00-2469	EA	24" Flanged (FxF), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	33,129.17	1,417.02
		For Class 52 Rating, Deduct	*-3,408.04*	
		For Class 54 Rating, Add	*4,673.09*	
		For Class 55 Rating, Add	*6,960.55*	
		For Class 56 Rating, Add	*9,217.03*	

40 05 19 00-2470 30" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2074)*

40 05 19 00-2471	EA	30" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,825.00	1,687.31
		For Class 52 Rating, Deduct	*-1,239.53*	
		For Class 54 Rating, Add	*1,720.95*	
		For Class 55 Rating, Add	*2,574.22*	
		For Class 56 Rating, Add	*3,416.23*	
40 05 19 00-2472	EA	30" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,756.04	1,691.41
		For Class 52 Rating, Deduct	*-1,341.26*	
		For Class 54 Rating, Add	*1,859.75*	
		For Class 55 Rating, Add	*2,780.61*	
		For Class 56 Rating, Add	*3,689.28*	
40 05 19 00-2473	EA	30" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,687.09	1,695.50
		For Class 52 Rating, Deduct	*-1,443.00*	
		For Class 54 Rating, Add	*1,998.55*	
		For Class 55 Rating, Add	*2,987.00*	
		For Class 56 Rating, Add	*3,962.33*	
40 05 19 00-2474	EA	30" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,618.14	1,699.60
		For Class 52 Rating, Deduct	*-1,544.73*	
		For Class 54 Rating, Add	*2,137.35*	
		For Class 55 Rating, Add	*3,193.39*	
		For Class 56 Rating, Add	*4,235.38*	
40 05 19 00-2475	EA	30" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,549.18	1,703.69
		For Class 52 Rating, Deduct	*-1,646.46*	
		For Class 54 Rating, Add	*2,276.15*	
		For Class 55 Rating, Add	*3,399.78*	
		For Class 56 Rating, Add	*4,508.44*	
40 05 19 00-2476	EA	30" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,480.22	1,707.80
		For Class 52 Rating, Deduct	*-1,748.19*	
		For Class 54 Rating, Add	*2,414.95*	
		For Class 55 Rating, Add	*3,606.16*	
		For Class 56 Rating, Add	*4,781.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2477	EA	30" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,411.28	1,711.89
		For Class 52 Rating, Deduct	*-1,849.93*	
		For Class 54 Rating, Add	*2,553.75*	
		For Class 55 Rating, Add	*3,812.55*	
		For Class 56 Rating, Add	*5,054.54*	
40 05 19 00-2478	EA	30" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,342.32	1,715.99
		For Class 52 Rating, Deduct	*-1,951.66*	
		For Class 54 Rating, Add	*2,692.55*	
		For Class 55 Rating, Add	*4,018.94*	
		For Class 56 Rating, Add	*5,327.59*	
40 05 19 00-2479	EA	30" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,273.36	1,720.08
		For Class 52 Rating, Deduct	*-2,053.39*	
		For Class 54 Rating, Add	*2,831.35*	
		For Class 55 Rating, Add	*4,225.33*	
		For Class 56 Rating, Add	*5,600.64*	
40 05 19 00-2480	EA	30" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,204.42	1,724.18
		For Class 52 Rating, Deduct	*-2,155.12*	
		For Class 54 Rating, Add	*2,970.15*	
		For Class 55 Rating, Add	*4,431.72*	
		For Class 56 Rating, Add	*5,873.69*	
40 05 19 00-2481	EA	30" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,135.46	1,728.27
		For Class 52 Rating, Deduct	*-2,256.86*	
		For Class 54 Rating, Add	*3,108.95*	
		For Class 55 Rating, Add	*4,638.11*	
		For Class 56 Rating, Add	*6,146.75*	
40 05 19 00-2482	EA	30" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,066.51	1,732.37
		For Class 52 Rating, Deduct	*-2,358.59*	
		For Class 54 Rating, Add	*3,247.75*	
		For Class 55 Rating, Add	*4,844.50*	
		For Class 56 Rating, Add	*6,419.80*	
40 05 19 00-2483	EA	30" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,997.55	1,736.46
		For Class 52 Rating, Deduct	*-2,460.32*	
		For Class 54 Rating, Add	*3,386.55*	
		For Class 55 Rating, Add	*5,050.88*	
		For Class 56 Rating, Add	*6,692.85*	
40 05 19 00-2484	EA	30" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,928.60	1,740.56
		For Class 52 Rating, Deduct	*-2,562.05*	
		For Class 54 Rating, Add	*3,525.36*	
		For Class 55 Rating, Add	*5,257.27*	
		For Class 56 Rating, Add	*6,965.90*	
40 05 19 00-2485	EA	30" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	26,859.64	1,744.65
		For Class 52 Rating, Deduct	*-2,663.79*	
		For Class 54 Rating, Add	*3,664.16*	
		For Class 55 Rating, Add	*5,463.66*	
		For Class 56 Rating, Add	*7,238.95*	
40 05 19 00-2486	EA	30" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	27,790.69	1,748.75
		For Class 52 Rating, Deduct	*-2,765.52*	
		For Class 54 Rating, Add	*3,802.96*	
		For Class 55 Rating, Add	*5,670.05*	
		For Class 56 Rating, Add	*7,512.00*	
40 05 19 00-2487	EA	30" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	28,721.74	1,752.84
		For Class 52 Rating, Deduct	*-2,867.25*	
		For Class 54 Rating, Add	*3,941.76*	
		For Class 55 Rating, Add	*5,876.44*	
		For Class 56 Rating, Add	*7,785.05*	
40 05 19 00-2488	EA	30" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	29,652.78	1,756.94
		For Class 52 Rating, Deduct	*-2,968.98*	
		For Class 54 Rating, Add	*4,080.56*	
		For Class 55 Rating, Add	*6,082.83*	
		For Class 56 Rating, Add	*8,058.10*	
40 05 19 00-2489	EA	30" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	30,583.82	1,761.03
		For Class 52 Rating, Deduct	*-3,070.71*	
		For Class 54 Rating, Add	*4,219.36*	
		For Class 55 Rating, Add	*6,289.21*	
		For Class 56 Rating, Add	*8,331.16*	
40 05 19 00-2490	EA	30" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	31,514.88	1,765.13
		For Class 52 Rating, Deduct	*-3,172.45*	
		For Class 54 Rating, Add	*4,358.16*	
		For Class 55 Rating, Add	*6,495.60*	
		For Class 56 Rating, Add	*8,604.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2491	EA	30" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	32,445.93	1,769.23
		For Class 52 Rating, Deduct	*-3,274.18*	
		For Class 54 Rating, Add	*4,496.96*	
		For Class 55 Rating, Add	*6,701.99*	
		For Class 56 Rating, Add	*8,877.26*	
40 05 19 00-2492	EA	30" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	33,376.97	1,773.32
		For Class 52 Rating, Deduct	*-3,375.91*	
		For Class 54 Rating, Add	*4,635.76*	
		For Class 55 Rating, Add	*6,908.38*	
		For Class 56 Rating, Add	*9,150.31*	
40 05 19 00-2493	EA	30" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	34,308.01	1,777.42
		For Class 52 Rating, Deduct	*-3,477.65*	
		For Class 54 Rating, Add	*4,774.56*	
		For Class 55 Rating, Add	*7,114.77*	
		For Class 56 Rating, Add	*9,423.36*	
40 05 19 00-2494	EA	30" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	35,239.06	1,781.51
		For Class 52 Rating, Deduct	*-3,579.38*	
		For Class 54 Rating, Add	*4,913.36*	
		For Class 55 Rating, Add	*7,321.16*	
		For Class 56 Rating, Add	*9,696.41*	
40 05 19 00-2495	EA	30" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	36,170.11	1,785.61
		For Class 52 Rating, Deduct	*-3,681.11*	
		For Class 54 Rating, Add	*5,052.16*	
		For Class 55 Rating, Add	*7,527.55*	
		For Class 56 Rating, Add	*9,969.47*	
40 05 19 00-2496	EA	30" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	37,101.15	1,789.70
		For Class 52 Rating, Deduct	*-3,782.84*	
		For Class 54 Rating, Add	*5,190.96*	
		For Class 55 Rating, Add	*7,733.93*	
		For Class 56 Rating, Add	*10,242.52*	
40 05 19 00-2497	EA	30" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	38,032.19	1,793.80
		For Class 52 Rating, Deduct	*-3,884.58*	
		For Class 54 Rating, Add	*5,329.76*	
		For Class 55 Rating, Add	*7,940.32*	
		For Class 56 Rating, Add	*10,515.57*	
40 05 19 00-2498	EA	30" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	38,963.24	1,797.89
		For Class 52 Rating, Deduct	*-3,986.31*	
		For Class 54 Rating, Add	*5,468.56*	
		For Class 55 Rating, Add	*8,146.71*	
		For Class 56 Rating, Add	*10,788.62*	
40 05 19 00-2499	EA	30" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	39,894.29	1,801.99
		For Class 52 Rating, Deduct	*-4,088.04*	
		For Class 54 Rating, Add	*5,607.36*	
		For Class 55 Rating, Add	*8,353.10*	
		For Class 56 Rating, Add	*11,061.67*	
40 05 19 00-2500	EA	30" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	40,825.33	1,806.08
		For Class 52 Rating, Deduct	*-4,189.77*	
		For Class 54 Rating, Add	*5,746.16*	
		For Class 55 Rating, Add	*8,559.49*	
		For Class 56 Rating, Add	*11,334.72*	
40 05 19 00-2501	EA	30" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	41,756.39	1,810.18
		For Class 52 Rating, Deduct	*-4,291.51*	
		For Class 54 Rating, Add	*5,884.97*	
		For Class 55 Rating, Add	*8,765.88*	
		For Class 56 Rating, Add	*11,607.78*	
40 05 19 00-2502	EA	30" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	42,687.43	1,814.27
		For Class 52 Rating, Deduct	*-4,393.24*	
		For Class 54 Rating, Add	*6,023.77*	
		For Class 55 Rating, Add	*8,972.27*	
		For Class 56 Rating, Add	*11,880.83*	
40 05 19 00-2503	EA	30" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	43,618.47	1,818.37
		For Class 52 Rating, Deduct	*-4,494.97*	
		For Class 54 Rating, Add	*6,162.57*	
		For Class 55 Rating, Add	*9,178.65*	
		For Class 56 Rating, Add	*12,153.88*	
40 05 19 00-2504	EA	30" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	44,549.53	1,822.47
		For Class 52 Rating, Deduct	*-4,596.70*	
		For Class 54 Rating, Add	*6,301.37*	
		For Class 55 Rating, Add	*9,385.04*	
		For Class 56 Rating, Add	*12,426.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2505	EA	30" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	45,480.57	1,826.57
		For Class 52 Rating, Deduct	*-4,698.44*	
		For Class 54 Rating, Add	*6,440.17*	
		For Class 55 Rating, Add	*9,591.43*	
		For Class 56 Rating, Add	*12,699.98*	
40 05 19 00-2506		36" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2074)*		
40 05 19 00-2507	EA	36" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,305.18	2,137.81
		For Class 52 Rating, Deduct	*-1,767.27*	
		For Class 54 Rating, Add	*2,448.78*	
		For Class 55 Rating, Add	*3,660.47*	
		For Class 56 Rating, Add	*4,856.10*	
40 05 19 00-2508	EA	36" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,552.62	2,141.91
		For Class 52 Rating, Deduct	*-1,903.80*	
		For Class 54 Rating, Add	*2,635.04*	
		For Class 55 Rating, Add	*3,937.42*	
		For Class 56 Rating, Add	*5,222.49*	
40 05 19 00-2509	EA	36" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,800.06	2,146.00
		For Class 52 Rating, Deduct	*-2,040.34*	
		For Class 54 Rating, Add	*2,821.30*	
		For Class 55 Rating, Add	*4,214.36*	
		For Class 56 Rating, Add	*5,588.87*	
40 05 19 00-2510	EA	36" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,047.50	2,150.10
		For Class 52 Rating, Deduct	*-2,176.87*	
		For Class 54 Rating, Add	*3,007.56*	
		For Class 55 Rating, Add	*4,491.30*	
		For Class 56 Rating, Add	*5,955.26*	
40 05 19 00-2511	EA	36" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,294.94	2,154.19
		For Class 52 Rating, Deduct	*-2,313.41*	
		For Class 54 Rating, Add	*3,193.82*	
		For Class 55 Rating, Add	*4,768.25*	
		For Class 56 Rating, Add	*6,321.65*	
40 05 19 00-2512	EA	36" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,542.37	2,158.29
		For Class 52 Rating, Deduct	*-2,449.95*	
		For Class 54 Rating, Add	*3,380.08*	
		For Class 55 Rating, Add	*5,045.19*	
		For Class 56 Rating, Add	*6,688.04*	
40 05 19 00-2513	EA	36" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	26,789.82	2,162.38
		For Class 52 Rating, Deduct	*-2,586.48*	
		For Class 54 Rating, Add	*3,566.34*	
		For Class 55 Rating, Add	*5,322.14*	
		For Class 56 Rating, Add	*7,054.42*	
40 05 19 00-2514	EA	36" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	28,037.26	2,166.48
		For Class 52 Rating, Deduct	*-2,723.02*	
		For Class 54 Rating, Add	*3,752.60*	
		For Class 55 Rating, Add	*5,599.08*	
		For Class 56 Rating, Add	*7,420.81*	
40 05 19 00-2515	EA	36" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	29,284.69	2,170.58
		For Class 52 Rating, Deduct	*-2,859.55*	
		For Class 54 Rating, Add	*3,938.86*	
		For Class 55 Rating, Add	*5,876.02*	
		For Class 56 Rating, Add	*7,787.20*	
40 05 19 00-2516	EA	36" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	30,532.13	2,174.68
		For Class 52 Rating, Deduct	*-2,996.09*	
		For Class 54 Rating, Add	*4,125.12*	
		For Class 55 Rating, Add	*6,152.97*	
		For Class 56 Rating, Add	*8,153.58*	
40 05 19 00-2517	EA	36" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	31,779.58	2,178.77
		For Class 52 Rating, Deduct	*-3,132.63*	
		For Class 54 Rating, Add	*4,311.38*	
		For Class 55 Rating, Add	*6,429.91*	
		For Class 56 Rating, Add	*8,519.97*	
40 05 19 00-2518	EA	36" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	33,027.01	2,182.87
		For Class 52 Rating, Deduct	*-3,269.16*	
		For Class 54 Rating, Add	*4,497.63*	
		For Class 55 Rating, Add	*6,706.86*	
		For Class 56 Rating, Add	*8,886.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2519	EA	36" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	34,274.45	2,186.96
		For Class 52 Rating, Deduct	*-3,405.70*	
		For Class 54 Rating, Add	*4,683.89*	
		For Class 55 Rating, Add	*6,983.80*	
		For Class 56 Rating, Add	*9,252.75*	
40 05 19 00-2520	EA	36" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	35,521.89	2,191.06
		For Class 52 Rating, Deduct	*-3,542.23*	
		For Class 54 Rating, Add	*4,870.15*	
		For Class 55 Rating, Add	*7,260.75*	
		For Class 56 Rating, Add	*9,619.13*	
40 05 19 00-2521	EA	36" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	36,769.33	2,195.15
		For Class 52 Rating, Deduct	*-3,678.77*	
		For Class 54 Rating, Add	*5,056.41*	
		For Class 55 Rating, Add	*7,537.69*	
		For Class 56 Rating, Add	*9,985.52*	
40 05 19 00-2522	EA	36" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	38,016.77	2,199.25
		For Class 52 Rating, Deduct	*-3,815.30*	
		For Class 54 Rating, Add	*5,242.67*	
		For Class 55 Rating, Add	*7,814.63*	
		For Class 56 Rating, Add	*10,351.91*	
40 05 19 00-2523	EA	36" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	39,264.21	2,203.34
		For Class 52 Rating, Deduct	*-3,951.84*	
		For Class 54 Rating, Add	*5,428.93*	
		For Class 55 Rating, Add	*8,091.58*	
		For Class 56 Rating, Add	*10,718.30*	
40 05 19 00-2524	EA	36" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	40,511.65	2,207.43
		For Class 52 Rating, Deduct	*-4,088.38*	
		For Class 54 Rating, Add	*5,615.19*	
		For Class 55 Rating, Add	*8,368.52*	
		For Class 56 Rating, Add	*11,084.69*	
40 05 19 00-2525	EA	36" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	41,759.08	2,211.53
		For Class 52 Rating, Deduct	*-4,224.91*	
		For Class 54 Rating, Add	*5,801.45*	
		For Class 55 Rating, Add	*8,645.47*	
		For Class 56 Rating, Add	*11,451.07*	
40 05 19 00-2526	EA	36" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	43,006.52	2,215.62
		For Class 52 Rating, Deduct	*-4,361.45*	
		For Class 54 Rating, Add	*5,987.71*	
		For Class 55 Rating, Add	*8,922.41*	
		For Class 56 Rating, Add	*11,817.46*	
40 05 19 00-2527	EA	36" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	44,253.97	2,219.72
		For Class 52 Rating, Deduct	*-4,497.98*	
		For Class 54 Rating, Add	*6,173.97*	
		For Class 55 Rating, Add	*9,199.35*	
		For Class 56 Rating, Add	*12,183.85*	
40 05 19 00-2528	EA	36" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	45,501.40	2,223.81
		For Class 52 Rating, Deduct	*-4,634.52*	
		For Class 54 Rating, Add	*6,360.23*	
		For Class 55 Rating, Add	*9,476.30*	
		For Class 56 Rating, Add	*12,550.23*	
40 05 19 00-2529	EA	36" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	46,748.84	2,227.92
		For Class 52 Rating, Deduct	*-4,771.05*	
		For Class 54 Rating, Add	*6,546.49*	
		For Class 55 Rating, Add	*9,753.24*	
		For Class 56 Rating, Add	*12,916.62*	
40 05 19 00-2530	EA	36" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	47,996.29	2,232.01
		For Class 52 Rating, Deduct	*-4,907.59*	
		For Class 54 Rating, Add	*6,732.75*	
		For Class 55 Rating, Add	*10,030.19*	
		For Class 56 Rating, Add	*13,283.01*	
40 05 19 00-2531	EA	36" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	49,243.72	2,236.11
		For Class 52 Rating, Deduct	*-5,044.12*	
		For Class 54 Rating, Add	*6,919.01*	
		For Class 55 Rating, Add	*10,307.13*	
		For Class 56 Rating, Add	*13,649.40*	
40 05 19 00-2532	EA	36" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	50,491.16	2,240.20
		For Class 52 Rating, Deduct	*-5,180.66*	
		For Class 54 Rating, Add	*7,105.27*	
		For Class 55 Rating, Add	*10,584.07*	
		For Class 56 Rating, Add	*14,015.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2533	EA	36" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	51,738.59	2,244.30
		For Class 52 Rating, Deduct	*-5,317.20*	
		For Class 54 Rating, Add	*7,291.53*	
		For Class 55 Rating, Add	*10,861.02*	
		For Class 56 Rating, Add	*14,382.17*	
40 05 19 00-2534	EA	36" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	52,986.04	2,248.39
		For Class 52 Rating, Deduct	*-5,453.73*	
		For Class 54 Rating, Add	*7,477.79*	
		For Class 55 Rating, Add	*11,137.96*	
		For Class 56 Rating, Add	*14,748.56*	
40 05 19 00-2535	EA	36" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	54,233.48	2,252.49
		For Class 52 Rating, Deduct	*-5,590.27*	
		For Class 54 Rating, Add	*7,664.05*	
		For Class 55 Rating, Add	*11,414.91*	
		For Class 56 Rating, Add	*15,114.95*	
40 05 19 00-2536	EA	36" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	55,480.91	2,256.58
		For Class 52 Rating, Deduct	*-5,726.80*	
		For Class 54 Rating, Add	*7,850.31*	
		For Class 55 Rating, Add	*11,691.85*	
		For Class 56 Rating, Add	*15,481.33*	
40 05 19 00-2537	EA	36" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	56,728.36	2,260.68
		For Class 52 Rating, Deduct	*-5,863.34*	
		For Class 54 Rating, Add	*8,036.57*	
		For Class 55 Rating, Add	*11,968.80*	
		For Class 56 Rating, Add	*15,847.72*	
40 05 19 00-2538	EA	36" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	57,975.79	2,264.77
		For Class 52 Rating, Deduct	*-5,999.88*	
		For Class 54 Rating, Add	*8,222.83*	
		For Class 55 Rating, Add	*12,245.74*	
		For Class 56 Rating, Add	*16,214.11*	
40 05 19 00-2539	EA	36" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	59,223.23	2,268.87
		For Class 52 Rating, Deduct	*-6,136.41*	
		For Class 54 Rating, Add	*8,409.08*	
		For Class 55 Rating, Add	*12,522.68*	
		For Class 56 Rating, Add	*16,580.49*	
40 05 19 00-2540	EA	36" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	60,470.68	2,272.96
		For Class 52 Rating, Deduct	*-6,272.95*	
		For Class 54 Rating, Add	*8,595.35*	
		For Class 55 Rating, Add	*12,799.63*	
		For Class 56 Rating, Add	*16,946.88*	
40 05 19 00-2541	EA	36" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	61,718.11	2,277.05
		For Class 52 Rating, Deduct	*-6,409.48*	
		For Class 54 Rating, Add	*8,781.60*	
		For Class 55 Rating, Add	*13,076.57*	
		For Class 56 Rating, Add	*17,313.27*	

40 05 19 00-2542 42" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2074)*

40 05 19 00-2543	EA	42" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,515.59	2,694.80
		For Class 52 Rating, Deduct	*-2,357.58*	
		For Class 54 Rating, Add	*3,263.88*	
		For Class 55 Rating, Add	*4,877.46*	
		For Class 56 Rating, Add	*6,469.60*	
40 05 19 00-2544	EA	42" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	27,347.15	2,698.89
		For Class 52 Rating, Deduct	*-2,558.37*	
		For Class 54 Rating, Add	*3,537.76*	
		For Class 55 Rating, Add	*5,284.66*	
		For Class 56 Rating, Add	*7,008.30*	
40 05 19 00-2545	EA	42" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	29,163.49	2,702.99
		For Class 52 Rating, Deduct	*-2,757.49*	
		For Class 54 Rating, Add	*3,809.35*	
		For Class 55 Rating, Add	*5,688.47*	
		For Class 56 Rating, Add	*7,542.51*	
40 05 19 00-2546	EA	42" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	30,998.07	2,707.08
		For Class 52 Rating, Deduct	*-2,958.61*	
		For Class 54 Rating, Add	*4,083.69*	
		For Class 55 Rating, Add	*6,096.35*	
		For Class 56 Rating, Add	*8,082.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2547	EA	42" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	32,820.50	2,711.18
		For Class 52 Rating, Deduct	*-3,158.39*	
		For Class 54 Rating, Add	*4,356.19*	
		For Class 55 Rating, Add	*6,501.51*	
		For Class 56 Rating, Add	*8,618.12*	
40 05 19 00-2548	EA	42" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	34,661.18	2,715.27
		For Class 52 Rating, Deduct	*-3,360.18*	
		For Class 54 Rating, Add	*4,631.44*	
		For Class 55 Rating, Add	*6,910.75*	
		For Class 56 Rating, Add	*9,159.51*	
40 05 19 00-2549	EA	42" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	36,483.60	2,719.36
		For Class 52 Rating, Deduct	*-3,559.97*	
		For Class 54 Rating, Add	*4,903.95*	
		For Class 55 Rating, Add	*7,315.91*	
		For Class 56 Rating, Add	*9,695.52*	
40 05 19 00-2550	EA	42" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	38,327.32	2,723.46
		For Class 52 Rating, Deduct	*-3,762.09*	
		For Class 54 Rating, Add	*5,179.65*	
		For Class 55 Rating, Add	*7,725.83*	
		For Class 56 Rating, Add	*10,237.81*	
40 05 19 00-2551	EA	42" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	40,155.82	2,727.55
		For Class 52 Rating, Deduct	*-3,962.55*	
		For Class 54 Rating, Add	*5,453.07*	
		For Class 55 Rating, Add	*8,132.35*	
		For Class 56 Rating, Add	*10,775.61*	
40 05 19 00-2552	EA	42" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	41,999.54	2,731.65
		For Class 52 Rating, Deduct	*-4,164.67*	
		For Class 54 Rating, Add	*5,728.77*	
		For Class 55 Rating, Add	*8,542.26*	
		For Class 56 Rating, Add	*11,317.90*	
40 05 19 00-2553	EA	42" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	43,828.05	2,735.74
		For Class 52 Rating, Deduct	*-4,365.13*	
		For Class 54 Rating, Add	*6,002.19*	
		For Class 55 Rating, Add	*8,948.79*	
		For Class 56 Rating, Add	*11,855.70*	
40 05 19 00-2554	EA	42" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	45,674.81	2,739.84
		For Class 52 Rating, Deduct	*-4,567.59*	
		For Class 54 Rating, Add	*6,278.34*	
		For Class 55 Rating, Add	*9,359.38*	
		For Class 56 Rating, Add	*12,398.89*	
40 05 19 00-2555	EA	42" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	47,503.32	2,743.93
		For Class 52 Rating, Deduct	*-4,768.04*	
		For Class 54 Rating, Add	*6,551.77*	
		For Class 55 Rating, Add	*9,765.90*	
		For Class 56 Rating, Add	*12,936.69*	
40 05 19 00-2556	EA	42" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	49,337.90	2,748.04
		For Class 52 Rating, Deduct	*-4,969.16*	
		For Class 54 Rating, Add	*6,826.10*	
		For Class 55 Rating, Add	*10,173.78*	
		For Class 56 Rating, Add	*13,476.29*	
40 05 19 00-2557	EA	42" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	51,181.63	2,752.13
		For Class 52 Rating, Deduct	*-5,171.29*	
		For Class 54 Rating, Add	*7,101.80*	
		For Class 55 Rating, Add	*10,583.69*	
		For Class 56 Rating, Add	*14,018.58*	
40 05 19 00-2558	EA	42" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	53,013.18	2,756.23
		For Class 52 Rating, Deduct	*-5,372.08*	
		For Class 54 Rating, Add	*7,375.68*	
		For Class 55 Rating, Add	*10,990.90*	
		For Class 56 Rating, Add	*14,557.28*	
40 05 19 00-2559	EA	42" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	54,866.02	2,760.32
		For Class 52 Rating, Deduct	*-5,575.21*	
		For Class 54 Rating, Add	*7,652.75*	
		For Class 55 Rating, Add	*11,402.84*	
		For Class 56 Rating, Add	*15,102.26*	
40 05 19 00-2560	EA	42" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	56,700.60	2,764.42
		For Class 52 Rating, Deduct	*-5,776.33*	
		For Class 54 Rating, Add	*7,927.08*	
		For Class 55 Rating, Add	*11,810.72*	
		For Class 56 Rating, Add	*15,641.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2561	EA	42" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	58,550.42	2,768.51
		For Class 52 Rating, Deduct	*-5,979.13*	
		For Class 54 Rating, Add	*8,203.69*	
		For Class 55 Rating, Add	*12,221.99*	
		For Class 56 Rating, Add	*16,185.94*	
40 05 19 00-2562	EA	42" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	60,381.97	2,772.61
		For Class 52 Rating, Deduct	*-6,179.92*	
		For Class 54 Rating, Add	*8,477.57*	
		For Class 55 Rating, Add	*12,629.20*	
		For Class 56 Rating, Add	*16,724.64*	
40 05 19 00-2563	EA	42" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	62,237.85	2,776.70
		For Class 52 Rating, Deduct	*-6,383.38*	
		For Class 54 Rating, Add	*8,755.09*	
		For Class 55 Rating, Add	*13,041.82*	
		For Class 56 Rating, Add	*17,270.52*	
40 05 19 00-2564	EA	42" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	64,072.44	2,780.80
		For Class 52 Rating, Deduct	*-6,584.50*	
		For Class 54 Rating, Add	*9,029.43*	
		For Class 55 Rating, Add	*13,449.70*	
		For Class 56 Rating, Add	*17,810.12*	
40 05 19 00-2565	EA	42" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	65,922.24	2,784.89
		For Class 52 Rating, Deduct	*-6,787.30*	
		For Class 54 Rating, Add	*9,306.04*	
		For Class 55 Rating, Add	*13,860.97*	
		For Class 56 Rating, Add	*18,354.20*	
40 05 19 00-2566	EA	42" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	67,756.84	2,788.98
		For Class 52 Rating, Deduct	*-6,988.42*	
		For Class 54 Rating, Add	*9,580.37*	
		For Class 55 Rating, Add	*14,268.85*	
		For Class 56 Rating, Add	*18,893.80*	
40 05 19 00-2567	EA	42" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	69,612.72	2,793.08
		For Class 52 Rating, Deduct	*-7,191.89*	
		For Class 54 Rating, Add	*9,857.90*	
		For Class 55 Rating, Add	*14,681.48*	
		For Class 56 Rating, Add	*19,439.68*	
40 05 19 00-2568	EA	42" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	71,447.32	2,797.17
		For Class 52 Rating, Deduct	*-7,393.01*	
		For Class 54 Rating, Add	*10,132.23*	
		For Class 55 Rating, Add	*15,089.36*	
		For Class 56 Rating, Add	*19,979.28*	
40 05 19 00-2569	EA	42" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	73,297.11	2,801.27
		For Class 52 Rating, Deduct	*-7,595.80*	
		For Class 54 Rating, Add	*10,408.85*	
		For Class 55 Rating, Add	*15,500.63*	
		For Class 56 Rating, Add	*20,523.36*	
40 05 19 00-2570	EA	42" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	75,134.75	2,805.37
		For Class 52 Rating, Deduct	*-7,797.26*	
		For Class 54 Rating, Add	*10,683.64*	
		For Class 55 Rating, Add	*15,909.19*	
		For Class 56 Rating, Add	*21,063.86*	
40 05 19 00-2571	EA	42" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	76,622.53	2,809.47
		For Class 52 Rating, Deduct	*-7,960.23*	
		For Class 54 Rating, Add	*10,905.95*	
		For Class 55 Rating, Add	*16,239.73*	
		For Class 56 Rating, Add	*21,501.14*	
40 05 19 00-2572	EA	42" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	78,825.23	2,813.56
		For Class 52 Rating, Deduct	*-8,201.85*	
		For Class 54 Rating, Add	*11,235.49*	
		For Class 55 Rating, Add	*16,729.70*	
		For Class 56 Rating, Add	*22,149.33*	
40 05 19 00-2573	EA	42" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	80,659.82	2,817.66
		For Class 52 Rating, Deduct	*-8,402.97*	
		For Class 54 Rating, Add	*11,509.83*	
		For Class 55 Rating, Add	*17,137.58*	
		For Class 56 Rating, Add	*22,688.93*	
40 05 19 00-2574	EA	42" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	82,512.67	2,821.75
		For Class 52 Rating, Deduct	*-8,606.10*	
		For Class 54 Rating, Add	*11,786.90*	
		For Class 55 Rating, Add	*17,549.52*	
		For Class 56 Rating, Add	*23,233.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2575	EA	42" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	84,350.30	2,825.85
		For Class 52 Rating, Deduct	*-8,807.56*	
		For Class 54 Rating, Add	*12,061.69*	
		For Class 55 Rating, Add	*17,958.08*	
		For Class 56 Rating, Add	*23,774.41*	
40 05 19 00-2576	EA	42" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	86,206.19	2,829.94
		For Class 52 Rating, Deduct	*-9,011.02*	
		For Class 54 Rating, Add	*12,339.21*	
		For Class 55 Rating, Add	*18,370.71*	
		For Class 56 Rating, Add	*24,320.29*	
40 05 19 00-2577	EA	42" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	88,037.73	2,834.04
		For Class 52 Rating, Deduct	*-9,211.81*	
		For Class 54 Rating, Add	*12,613.09*	
		For Class 55 Rating, Add	*18,777.91*	
		For Class 56 Rating, Add	*24,858.99*	

40 05 19 00-2578 48" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2074)*

40 05 19 00-2579	EA	48" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	32,003.81	3,386.92
		For Class 52 Rating, Deduct	*-2,955.93*	
		For Class 54 Rating, Add	*4,092.40*	
		For Class 55 Rating, Add	*6,115.64*	
		For Class 56 Rating, Add	*8,112.01*	
40 05 19 00-2580	EA	48" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	34,620.25	3,391.02
		For Class 52 Rating, Deduct	*-3,243.06*	
		For Class 54 Rating, Add	*4,484.01*	
		For Class 55 Rating, Add	*6,697.87*	
		For Class 56 Rating, Add	*8,882.26*	
40 05 19 00-2581	EA	48" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	37,242.77	3,395.11
		For Class 52 Rating, Deduct	*-3,530.85*	
		For Class 54 Rating, Add	*4,876.53*	
		For Class 55 Rating, Add	*7,281.46*	
		For Class 56 Rating, Add	*9,654.30*	
40 05 19 00-2582	EA	48" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	39,895.74	3,399.21
		For Class 52 Rating, Deduct	*-3,822.00*	
		For Class 54 Rating, Add	*5,273.62*	
		For Class 55 Rating, Add	*7,871.84*	
		For Class 56 Rating, Add	*10,435.31*	
40 05 19 00-2583	EA	48" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	42,539.57	3,403.30
		For Class 52 Rating, Deduct	*-4,112.14*	
		For Class 54 Rating, Add	*5,669.34*	
		For Class 55 Rating, Add	*8,460.18*	
		For Class 56 Rating, Add	*11,213.63*	
40 05 19 00-2584	EA	48" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	45,189.47	3,407.40
		For Class 52 Rating, Deduct	*-4,402.94*	
		For Class 54 Rating, Add	*6,065.97*	
		For Class 55 Rating, Add	*9,049.87*	
		For Class 56 Rating, Add	*11,993.75*	
40 05 19 00-2585	EA	48" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	47,857.63	3,411.49
		For Class 52 Rating, Deduct	*-4,695.76*	
		For Class 54 Rating, Add	*6,465.33*	
		For Class 55 Rating, Add	*9,643.64*	
		For Class 56 Rating, Add	*12,779.25*	
40 05 19 00-2586	EA	48" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	50,519.73	3,415.59
		For Class 52 Rating, Deduct	*-4,987.90*	
		For Class 54 Rating, Add	*6,863.79*	
		For Class 55 Rating, Add	*10,236.05*	
		For Class 56 Rating, Add	*13,562.96*	
40 05 19 00-2587	EA	48" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	53,178.76	3,419.68
		For Class 52 Rating, Deduct	*-5,279.72*	
		For Class 54 Rating, Add	*7,261.79*	
		For Class 55 Rating, Add	*10,827.78*	
		For Class 56 Rating, Add	*14,345.77*	
40 05 19 00-2588	EA	48" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	55,865.17	3,423.78
		For Class 52 Rating, Deduct	*-5,574.54*	
		For Class 54 Rating, Add	*7,663.89*	
		For Class 55 Rating, Add	*11,425.61*	
		For Class 56 Rating, Add	*15,136.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2589	EA	48" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	58,533.34	3,427.87
		For Class 52 Rating, Deduct	*-5,867.35*	
		For Class 54 Rating, Add	*8,063.26*	
		For Class 55 Rating, Add	*12,019.38*	
		For Class 56 Rating, Add	*15,922.15*	
40 05 19 00-2590	EA	48" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	61,222.81	3,431.97
		For Class 52 Rating, Deduct	*-6,162.51*	
		For Class 54 Rating, Add	*8,465.83*	
		For Class 55 Rating, Add	*12,617.89*	
		For Class 56 Rating, Add	*16,713.94*	
40 05 19 00-2591	EA	48" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	63,897.05	3,436.06
		For Class 52 Rating, Deduct	*-6,456.00*	
		For Class 54 Rating, Add	*8,866.11*	
		For Class 55 Rating, Add	*13,213.02*	
		For Class 56 Rating, Add	*17,501.23*	
40 05 19 00-2592	EA	48" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	66,574.34	3,440.17
		For Class 52 Rating, Deduct	*-6,749.82*	
		For Class 54 Rating, Add	*9,266.85*	
		For Class 55 Rating, Add	*13,808.82*	
		For Class 56 Rating, Add	*18,289.43*	
40 05 19 00-2593	EA	48" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	69,269.89	3,444.26
		For Class 52 Rating, Deduct	*-7,045.65*	
		For Class 54 Rating, Add	*9,670.32*	
		For Class 55 Rating, Add	*14,408.69*	
		For Class 56 Rating, Add	*19,083.01*	
40 05 19 00-2594	EA	48" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	71,953.26	3,448.35
		For Class 52 Rating, Deduct	*-7,340.13*	
		For Class 54 Rating, Add	*10,071.97*	
		For Class 55 Rating, Add	*15,005.85*	
		For Class 56 Rating, Add	*19,873.00*	
40 05 19 00-2595	EA	48" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	74,633.60	3,452.45
		For Class 52 Rating, Deduct	*-7,634.29*	
		For Class 54 Rating, Add	*10,473.16*	
		For Class 55 Rating, Add	*15,602.33*	
		For Class 56 Rating, Add	*20,662.09*	
40 05 19 00-2596	EA	48" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	77,335.24	3,456.54
		For Class 52 Rating, Deduct	*-7,930.79*	
		For Class 54 Rating, Add	*10,877.55*	
		For Class 55 Rating, Add	*16,203.56*	
		For Class 56 Rating, Add	*21,457.46*	
40 05 19 00-2597	EA	48" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	80,021.65	3,460.64
		For Class 52 Rating, Deduct	*-8,225.61*	
		For Class 54 Rating, Add	*11,279.66*	
		For Class 55 Rating, Add	*16,801.39*	
		For Class 56 Rating, Add	*22,248.35*	
40 05 19 00-2598	EA	48" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	82,705.02	3,464.73
		For Class 52 Rating, Deduct	*-8,520.10*	
		For Class 54 Rating, Add	*11,681.31*	
		For Class 55 Rating, Add	*17,398.55*	
		For Class 56 Rating, Add	*23,038.34*	
40 05 19 00-2599	EA	48" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	85,409.70	3,468.83
		For Class 52 Rating, Deduct	*-8,816.93*	
		For Class 54 Rating, Add	*12,086.15*	
		For Class 55 Rating, Add	*18,000.46*	
		For Class 56 Rating, Add	*23,834.61*	
40 05 19 00-2600	EA	48" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	88,102.21	3,472.92
		For Class 52 Rating, Deduct	*-9,112.42*	
		For Class 54 Rating, Add	*12,489.17*	
		For Class 55 Rating, Add	*18,599.65*	
		For Class 56 Rating, Add	*24,627.29*	
40 05 19 00-2601	EA	48" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	90,788.62	3,477.02
		For Class 52 Rating, Deduct	*-9,407.25*	
		For Class 54 Rating, Add	*12,891.28*	
		For Class 55 Rating, Add	*19,197.49*	
		For Class 56 Rating, Add	*25,418.18*	
40 05 19 00-2602	EA	48" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	93,496.33	3,481.11
		For Class 52 Rating, Deduct	*-9,704.41*	
		For Class 54 Rating, Add	*13,296.58*	
		For Class 55 Rating, Add	*19,800.07*	
		For Class 56 Rating, Add	*26,215.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2603	EA	48" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	96,188.85	3,485.21
		For Class 52 Rating, Deduct	*-9,999.90*	
		For Class 54 Rating, Add	*13,699.60*	
		For Class 55 Rating, Add	*20,399.27*	
		For Class 56 Rating, Add	*27,008.03*	
40 05 19 00-2604	EA	48" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	98,878.30	3,489.30
		For Class 52 Rating, Deduct	*-10,295.06*	
		For Class 54 Rating, Add	*14,102.16*	
		For Class 55 Rating, Add	*20,997.78*	
		For Class 56 Rating, Add	*27,799.81*	
40 05 19 00-2605	EA	48" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	101,589.05	3,493.40
		For Class 52 Rating, Deduct	*-10,592.56*	
		For Class 54 Rating, Add	*14,507.92*	
		For Class 55 Rating, Add	*21,601.05*	
		For Class 56 Rating, Add	*28,597.87*	
40 05 19 00-2606	EA	48" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	104,284.60	3,497.50
		For Class 52 Rating, Deduct	*-10,888.39*	
		For Class 54 Rating, Add	*14,911.39*	
		For Class 55 Rating, Add	*22,200.92*	
		For Class 56 Rating, Add	*29,391.45*	
40 05 19 00-2607	EA	48" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	106,663.75	3,501.60
		For Class 52 Rating, Deduct	*-11,149.41*	
		For Class 54 Rating, Add	*15,267.41*	
		For Class 55 Rating, Add	*22,730.23*	
		For Class 56 Rating, Add	*30,091.70*	
40 05 19 00-2608	EA	48" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	109,690.90	3,505.69
		For Class 52 Rating, Deduct	*-11,481.72*	
		For Class 54 Rating, Add	*15,720.63*	
		For Class 55 Rating, Add	*23,404.05*	
		For Class 56 Rating, Add	*30,983.10*	
40 05 19 00-2609	EA	48" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	112,383.40	3,509.79
		For Class 52 Rating, Deduct	*-11,777.21*	
		For Class 54 Rating, Add	*16,123.65*	
		For Class 55 Rating, Add	*24,003.25*	
		For Class 56 Rating, Add	*31,775.78*	
40 05 19 00-2610	EA	48" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	115,100.25	3,513.88
		For Class 52 Rating, Deduct	*-12,075.38*	
		For Class 54 Rating, Add	*16,530.32*	
		For Class 55 Rating, Add	*24,607.87*	
		For Class 56 Rating, Add	*32,575.64*	
40 05 19 00-2611	EA	48" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	117,792.75	3,517.98
		For Class 52 Rating, Deduct	*-12,370.87*	
		For Class 54 Rating, Add	*16,933.34*	
		For Class 55 Rating, Add	*25,207.06*	
		For Class 56 Rating, Add	*33,368.32*	
40 05 19 00-2612	EA	48" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	120,485.25	3,522.07
		For Class 52 Rating, Deduct	*-12,666.37*	
		For Class 54 Rating, Add	*17,336.35*	
		For Class 55 Rating, Add	*25,806.25*	
		For Class 56 Rating, Add	*34,161.00*	
40 05 19 00-2613	EA	48" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	123,205.14	3,526.16
		For Class 52 Rating, Deduct	*-12,964.87*	
		For Class 54 Rating, Add	*17,743.48*	
		For Class 55 Rating, Add	*26,411.55*	
		For Class 56 Rating, Add	*34,961.76*	

40 05 19 00-2614 Flanged End x Grooved End (FxG), Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2073)*

40 05 19 00-2615 4" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2614)*

40 05 19 00-2616	EA	4" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	828.51	187.41
		For Class 52 Rating, Deduct	*-59.90*	
		For Class 54 Rating, Add	*85.09*	
		For Class 55 Rating, Add	*128.25*	
		For Class 56 Rating, Add	*170.87*	
40 05 19 00-2617	EA	4" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	949.08	190.68
		For Class 52 Rating, Deduct	*-72.62*	
		For Class 54 Rating, Add	*102.49*	
		For Class 55 Rating, Add	*154.15*	
		For Class 56 Rating, Add	*205.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2618	EA	4" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,069.65	193.96
		For Class 52 Rating, Deduct	*-85.33*	
		For Class 54 Rating, Add	*119.89*	
		For Class 55 Rating, Add	*180.05*	
		For Class 56 Rating, Add	*239.43*	
40 05 19 00-2619	EA	4" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,190.22	197.24
		For Class 52 Rating, Deduct	*-98.05*	
		For Class 54 Rating, Add	*137.29*	
		For Class 55 Rating, Add	*205.95*	
		For Class 56 Rating, Add	*273.72*	
40 05 19 00-2620	EA	4" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,310.79	200.52
		For Class 52 Rating, Deduct	*-110.77*	
		For Class 54 Rating, Add	*154.69*	
		For Class 55 Rating, Add	*231.85*	
		For Class 56 Rating, Add	*308.00*	
40 05 19 00-2621	EA	4" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,431.36	203.79
		For Class 52 Rating, Deduct	*-123.48*	
		For Class 54 Rating, Add	*172.09*	
		For Class 55 Rating, Add	*257.75*	
		For Class 56 Rating, Add	*342.28*	
40 05 19 00-2622	EA	4" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,551.92	207.07
		For Class 52 Rating, Deduct	*-136.20*	
		For Class 54 Rating, Add	*189.49*	
		For Class 55 Rating, Add	*283.65*	
		For Class 56 Rating, Add	*376.56*	
40 05 19 00-2623	EA	4" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,672.50	210.34
		For Class 52 Rating, Deduct	*-148.92*	
		For Class 54 Rating, Add	*206.89*	
		For Class 55 Rating, Add	*309.55*	
		For Class 56 Rating, Add	*410.84*	
40 05 19 00-2624	EA	4" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,793.06	213.62
		For Class 52 Rating, Deduct	*-161.63*	
		For Class 54 Rating, Add	*224.29*	
		For Class 55 Rating, Add	*335.44*	
		For Class 56 Rating, Add	*445.12*	
40 05 19 00-2625	EA	4" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,913.64	216.89
		For Class 52 Rating, Deduct	*-174.35*	
		For Class 54 Rating, Add	*241.70*	
		For Class 55 Rating, Add	*361.34*	
		For Class 56 Rating, Add	*479.41*	
40 05 19 00-2626	EA	4" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,034.20	220.17
		For Class 52 Rating, Deduct	*-187.07*	
		For Class 54 Rating, Add	*259.09*	
		For Class 55 Rating, Add	*387.24*	
		For Class 56 Rating, Add	*513.69*	
40 05 19 00-2627	EA	4" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,154.77	223.45
		For Class 52 Rating, Deduct	*-199.78*	
		For Class 54 Rating, Add	*276.50*	
		For Class 55 Rating, Add	*413.14*	
		For Class 56 Rating, Add	*547.97*	
40 05 19 00-2628	EA	4" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,275.34	226.73
		For Class 52 Rating, Deduct	*-212.50*	
		For Class 54 Rating, Add	*293.90*	
		For Class 55 Rating, Add	*439.04*	
		For Class 56 Rating, Add	*582.25*	
40 05 19 00-2629	EA	4" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,395.92	230.01
		For Class 52 Rating, Deduct	*-225.22*	
		For Class 54 Rating, Add	*311.30*	
		For Class 55 Rating, Add	*464.94*	
		For Class 56 Rating, Add	*616.54*	
40 05 19 00-2630	EA	4" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,516.48	233.27
		For Class 52 Rating, Deduct	*-237.93*	
		For Class 54 Rating, Add	*328.70*	
		For Class 55 Rating, Add	*490.84*	
		For Class 56 Rating, Add	*650.82*	
40 05 19 00-2631	EA	4" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,637.05	236.55
		For Class 52 Rating, Deduct	*-250.65*	
		For Class 54 Rating, Add	*346.10*	
		For Class 55 Rating, Add	*516.74*	
		For Class 56 Rating, Add	*685.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2632	EA	4" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,757.62	239.83
		For Class 52 Rating, Deduct	*-263.37*	
		For Class 54 Rating, Add	*363.50*	
		For Class 55 Rating, Add	*542.64*	
		For Class 56 Rating, Add	*719.38*	
40 05 19 00-2633	EA	4" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,878.19	243.11
		For Class 52 Rating, Deduct	*-276.08*	
		For Class 54 Rating, Add	*380.90*	
		For Class 55 Rating, Add	*568.54*	
		For Class 56 Rating, Add	*753.67*	
40 05 19 00-2634	EA	4" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,998.76	246.39
		For Class 52 Rating, Deduct	*-288.80*	
		For Class 54 Rating, Add	*398.30*	
		For Class 55 Rating, Add	*594.43*	
		For Class 56 Rating, Add	*787.95*	
40 05 19 00-2635	EA	4" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,119.32	249.66
		For Class 52 Rating, Deduct	*-301.52*	
		For Class 54 Rating, Add	*415.70*	
		For Class 55 Rating, Add	*620.33*	
		For Class 56 Rating, Add	*822.23*	
40 05 19 00-2636	EA	4" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,239.89	252.94
		For Class 52 Rating, Deduct	*-314.23*	
		For Class 54 Rating, Add	*433.10*	
		For Class 55 Rating, Add	*646.23*	
		For Class 56 Rating, Add	*856.51*	
40 05 19 00-2637	EA	4" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,360.47	256.21
		For Class 52 Rating, Deduct	*-326.95*	
		For Class 54 Rating, Add	*450.50*	
		For Class 55 Rating, Add	*672.13*	
		For Class 56 Rating, Add	*890.79*	
40 05 19 00-2638	EA	4" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,481.03	259.49
		For Class 52 Rating, Deduct	*-339.67*	
		For Class 54 Rating, Add	*467.90*	
		For Class 55 Rating, Add	*698.03*	
		For Class 56 Rating, Add	*925.08*	
40 05 19 00-2639	EA	4" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,601.61	262.76
		For Class 52 Rating, Deduct	*-352.38*	
		For Class 54 Rating, Add	*485.30*	
		For Class 55 Rating, Add	*723.93*	
		For Class 56 Rating, Add	*959.36*	
40 05 19 00-2640	EA	4" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,722.17	266.04
		For Class 52 Rating, Deduct	*-365.10*	
		For Class 54 Rating, Add	*502.70*	
		For Class 55 Rating, Add	*749.83*	
		For Class 56 Rating, Add	*993.64*	
40 05 19 00-2641	EA	4" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,842.74	269.32
		For Class 52 Rating, Deduct	*-377.82*	
		For Class 54 Rating, Add	*520.10*	
		For Class 55 Rating, Add	*775.73*	
		For Class 56 Rating, Add	*1,027.92*	
40 05 19 00-2642	EA	4" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,963.31	272.60
		For Class 52 Rating, Deduct	*-390.53*	
		For Class 54 Rating, Add	*537.50*	
		For Class 55 Rating, Add	*801.63*	
		For Class 56 Rating, Add	*1,062.20*	
40 05 19 00-2643	EA	4" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,083.88	275.87
		For Class 52 Rating, Deduct	*-403.25*	
		For Class 54 Rating, Add	*554.90*	
		For Class 55 Rating, Add	*827.53*	
		For Class 56 Rating, Add	*1,096.49*	
40 05 19 00-2644	EA	4" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,204.45	279.14
		For Class 52 Rating, Deduct	*-415.97*	
		For Class 54 Rating, Add	*572.30*	
		For Class 55 Rating, Add	*853.43*	
		For Class 56 Rating, Add	*1,130.77*	
40 05 19 00-2645	EA	4" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,325.02	282.42
		For Class 52 Rating, Deduct	*-428.68*	
		For Class 54 Rating, Add	*589.70*	
		For Class 55 Rating, Add	*879.33*	
		For Class 56 Rating, Add	*1,165.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2646	EA	4" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,445.58	285.70
		For Class 52 Rating, Deduct	*-441.40*	
		For Class 54 Rating, Add	*607.10*	
		For Class 55 Rating, Add	*905.22*	
		For Class 56 Rating, Add	*1,199.33*	
40 05 19 00-2647	EA	4" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,566.16	288.98
		For Class 52 Rating, Deduct	*-454.12*	
		For Class 54 Rating, Add	*624.50*	
		For Class 55 Rating, Add	*931.12*	
		For Class 56 Rating, Add	*1,233.62*	
40 05 19 00-2648	EA	4" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,686.73	292.25
		For Class 52 Rating, Deduct	*-466.83*	
		For Class 54 Rating, Add	*641.90*	
		For Class 55 Rating, Add	*957.02*	
		For Class 56 Rating, Add	*1,267.90*	
40 05 19 00-2649	EA	4" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,807.29	295.53
		For Class 52 Rating, Deduct	*-479.55*	
		For Class 54 Rating, Add	*659.30*	
		For Class 55 Rating, Add	*982.92*	
		For Class 56 Rating, Add	*1,302.18*	
40 05 19 00-2650	EA	4" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,927.87	298.81
		For Class 52 Rating, Deduct	*-492.27*	
		For Class 54 Rating, Add	*676.70*	
		For Class 55 Rating, Add	*1,008.82*	
		For Class 56 Rating, Add	*1,336.46*	
40 05 19 00-2651	EA	4" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,048.44	302.08
		For Class 52 Rating, Deduct	*-504.98*	
		For Class 54 Rating, Add	*694.10*	
		For Class 55 Rating, Add	*1,034.72*	
		For Class 56 Rating, Add	*1,370.75*	
40 05 19 00-2652	EA	4" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,169.01	305.36
		For Class 52 Rating, Deduct	*-517.70*	
		For Class 54 Rating, Add	*711.50*	
		For Class 55 Rating, Add	*1,060.62*	
		For Class 56 Rating, Add	*1,405.03*	
40 05 19 00-2653	EA	4" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,259.16	308.63
		For Class 52 Rating, Deduct	*-527.07*	
		For Class 54 Rating, Add	*724.34*	
		For Class 55 Rating, Add	*1,079.73*	
		For Class 56 Rating, Add	*1,430.34*	
40 05 19 00-2654	EA	4" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,410.14	311.91
		For Class 52 Rating, Deduct	*-543.13*	
		For Class 54 Rating, Add	*746.30*	
		For Class 55 Rating, Add	*1,112.42*	
		For Class 56 Rating, Add	*1,473.59*	

40 05 19 00-2655 6" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2614)*

40 05 19 00-2656	EA	6" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,072.35	235.90
		For Class 52 Rating, Deduct	*-78.64*	
		For Class 54 Rating, Add	*111.53*	
		For Class 55 Rating, Add	*168.01*	
		For Class 56 Rating, Add	*223.77*	
40 05 19 00-2657	EA	6" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,211.16	239.18
		For Class 52 Rating, Deduct	*-93.37*	
		For Class 54 Rating, Add	*131.67*	
		For Class 55 Rating, Add	*197.98*	
		For Class 56 Rating, Add	*263.44*	
40 05 19 00-2658	EA	6" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,349.99	242.45
		For Class 52 Rating, Deduct	*-108.09*	
		For Class 54 Rating, Add	*151.80*	
		For Class 55 Rating, Add	*227.95*	
		For Class 56 Rating, Add	*303.10*	
40 05 19 00-2659	EA	6" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,488.81	245.72
		For Class 52 Rating, Deduct	*-122.82*	
		For Class 54 Rating, Add	*171.94*	
		For Class 55 Rating, Add	*257.91*	
		For Class 56 Rating, Add	*342.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2660	EA	6" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,627.64	249.00
		For Class 52 Rating, Deduct	*-137.54*	
		For Class 54 Rating, Add	*192.08*	
		For Class 55 Rating, Add	*287.89*	
		For Class 56 Rating, Add	*382.44*	
40 05 19 00-2661	EA	6" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,766.46	252.28
		For Class 52 Rating, Deduct	*-152.26*	
		For Class 54 Rating, Add	*212.22*	
		For Class 55 Rating, Add	*317.85*	
		For Class 56 Rating, Add	*422.11*	
40 05 19 00-2662	EA	6" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,905.28	255.56
		For Class 52 Rating, Deduct	*-166.99*	
		For Class 54 Rating, Add	*232.36*	
		For Class 55 Rating, Add	*347.82*	
		For Class 56 Rating, Add	*461.77*	
40 05 19 00-2663	EA	6" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,044.11	258.83
		For Class 52 Rating, Deduct	*-181.71*	
		For Class 54 Rating, Add	*252.50*	
		For Class 55 Rating, Add	*377.79*	
		For Class 56 Rating, Add	*501.44*	
40 05 19 00-2664	EA	6" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,182.93	262.11
		For Class 52 Rating, Deduct	*-196.44*	
		For Class 54 Rating, Add	*272.63*	
		For Class 55 Rating, Add	*407.76*	
		For Class 56 Rating, Add	*541.11*	
40 05 19 00-2665	EA	6" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,321.74	265.38
		For Class 52 Rating, Deduct	*-211.16*	
		For Class 54 Rating, Add	*292.77*	
		For Class 55 Rating, Add	*437.73*	
		For Class 56 Rating, Add	*580.77*	
40 05 19 00-2666	EA	6" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,460.57	268.66
		For Class 52 Rating, Deduct	*-225.89*	
		For Class 54 Rating, Add	*312.91*	
		For Class 55 Rating, Add	*467.70*	
		For Class 56 Rating, Add	*620.44*	
40 05 19 00-2667	EA	6" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,599.40	271.94
		For Class 52 Rating, Deduct	*-240.61*	
		For Class 54 Rating, Add	*333.05*	
		For Class 55 Rating, Add	*497.67*	
		For Class 56 Rating, Add	*660.11*	
40 05 19 00-2668	EA	6" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,738.22	275.21
		For Class 52 Rating, Deduct	*-255.34*	
		For Class 54 Rating, Add	*353.19*	
		For Class 55 Rating, Add	*527.64*	
		For Class 56 Rating, Add	*699.77*	
40 05 19 00-2669	EA	6" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,877.05	278.49
		For Class 52 Rating, Deduct	*-270.06*	
		For Class 54 Rating, Add	*373.33*	
		For Class 55 Rating, Add	*557.61*	
		For Class 56 Rating, Add	*739.44*	
40 05 19 00-2670	EA	6" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,015.86	281.77
		For Class 52 Rating, Deduct	*-284.78*	
		For Class 54 Rating, Add	*393.47*	
		For Class 55 Rating, Add	*587.58*	
		For Class 56 Rating, Add	*779.11*	
40 05 19 00-2671	EA	6" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,154.68	285.05
		For Class 52 Rating, Deduct	*-299.51*	
		For Class 54 Rating, Add	*413.60*	
		For Class 55 Rating, Add	*617.55*	
		For Class 56 Rating, Add	*818.77*	
40 05 19 00-2672	EA	6" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,293.51	288.31
		For Class 52 Rating, Deduct	*-314.23*	
		For Class 54 Rating, Add	*433.74*	
		For Class 55 Rating, Add	*647.52*	
		For Class 56 Rating, Add	*858.44*	
40 05 19 00-2673	EA	6" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,432.33	291.59
		For Class 52 Rating, Deduct	*-328.96*	
		For Class 54 Rating, Add	*453.88*	
		For Class 55 Rating, Add	*677.49*	
		For Class 56 Rating, Add	*898.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2674	EA	6" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,571.15	294.87
		For Class 52 Rating, Deduct	*-343.68*	
		For Class 54 Rating, Add	*474.02*	
		For Class 55 Rating, Add	*707.46*	
		For Class 56 Rating, Add	*937.78*	
40 05 19 00-2675	EA	6" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,709.98	298.15
		For Class 52 Rating, Deduct	*-358.41*	
		For Class 54 Rating, Add	*494.16*	
		For Class 55 Rating, Add	*737.43*	
		For Class 56 Rating, Add	*977.44*	
40 05 19 00-2676	EA	6" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,848.80	301.43
		For Class 52 Rating, Deduct	*-373.13*	
		For Class 54 Rating, Add	*514.30*	
		For Class 55 Rating, Add	*767.40*	
		For Class 56 Rating, Add	*1,017.11*	
40 05 19 00-2677	EA	6" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,987.63	304.70
		For Class 52 Rating, Deduct	*-387.86*	
		For Class 54 Rating, Add	*534.43*	
		For Class 55 Rating, Add	*797.37*	
		For Class 56 Rating, Add	*1,056.78*	
40 05 19 00-2678	EA	6" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,126.44	307.98
		For Class 52 Rating, Deduct	*-402.58*	
		For Class 54 Rating, Add	*554.57*	
		For Class 55 Rating, Add	*827.34*	
		For Class 56 Rating, Add	*1,096.44*	
40 05 19 00-2679	EA	6" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,265.26	311.25
		For Class 52 Rating, Deduct	*-417.30*	
		For Class 54 Rating, Add	*574.71*	
		For Class 55 Rating, Add	*857.31*	
		For Class 56 Rating, Add	*1,136.11*	
40 05 19 00-2680	EA	6" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,404.09	314.53
		For Class 52 Rating, Deduct	*-432.03*	
		For Class 54 Rating, Add	*594.85*	
		For Class 55 Rating, Add	*887.28*	
		For Class 56 Rating, Add	*1,175.78*	
40 05 19 00-2681	EA	6" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,542.91	317.80
		For Class 52 Rating, Deduct	*-446.75*	
		For Class 54 Rating, Add	*614.99*	
		For Class 55 Rating, Add	*917.25*	
		For Class 56 Rating, Add	*1,215.44*	
40 05 19 00-2682	EA	6" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,681.74	321.08
		For Class 52 Rating, Deduct	*-461.48*	
		For Class 54 Rating, Add	*635.13*	
		For Class 55 Rating, Add	*947.22*	
		For Class 56 Rating, Add	*1,255.11*	
40 05 19 00-2683	EA	6" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,820.56	324.36
		For Class 52 Rating, Deduct	*-476.20*	
		For Class 54 Rating, Add	*655.26*	
		For Class 55 Rating, Add	*977.19*	
		For Class 56 Rating, Add	*1,294.78*	
40 05 19 00-2684	EA	6" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,959.38	327.64
		For Class 52 Rating, Deduct	*-490.93*	
		For Class 54 Rating, Add	*675.40*	
		For Class 55 Rating, Add	*1,007.16*	
		For Class 56 Rating, Add	*1,334.45*	
40 05 19 00-2685	EA	6" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,098.20	330.92
		For Class 52 Rating, Deduct	*-505.65*	
		For Class 54 Rating, Add	*695.54*	
		For Class 55 Rating, Add	*1,037.12*	
		For Class 56 Rating, Add	*1,374.11*	
40 05 19 00-2686	EA	6" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,237.03	334.18
		For Class 52 Rating, Deduct	*-520.37*	
		For Class 54 Rating, Add	*715.68*	
		For Class 55 Rating, Add	*1,067.09*	
		For Class 56 Rating, Add	*1,413.78*	
40 05 19 00-2687	EA	6" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,375.85	337.46
		For Class 52 Rating, Deduct	*-535.10*	
		For Class 54 Rating, Add	*735.82*	
		For Class 55 Rating, Add	*1,097.06*	
		For Class 56 Rating, Add	*1,453.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2688	EA	6" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,514.67	340.74
		For Class 52 Rating, Deduct	*-549.82*	
		For Class 54 Rating, Add	*755.96*	
		For Class 55 Rating, Add	*1,127.03*	
		For Class 56 Rating, Add	*1,493.11*	
40 05 19 00-2689	EA	6" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,653.49	344.02
		For Class 52 Rating, Deduct	*-564.55*	
		For Class 54 Rating, Add	*776.09*	
		For Class 55 Rating, Add	*1,157.00*	
		For Class 56 Rating, Add	*1,532.78*	
40 05 19 00-2690	EA	6" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,792.32	347.29
		For Class 52 Rating, Deduct	*-579.27*	
		For Class 54 Rating, Add	*796.23*	
		For Class 55 Rating, Add	*1,186.97*	
		For Class 56 Rating, Add	*1,572.45*	
40 05 19 00-2691	EA	6" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,931.15	350.57
		For Class 52 Rating, Deduct	*-594.00*	
		For Class 54 Rating, Add	*816.37*	
		For Class 55 Rating, Add	*1,216.94*	
		For Class 56 Rating, Add	*1,612.12*	
40 05 19 00-2692	EA	6" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,069.96	353.85
		For Class 52 Rating, Deduct	*-608.72*	
		For Class 54 Rating, Add	*836.51*	
		For Class 55 Rating, Add	*1,246.91*	
		For Class 56 Rating, Add	*1,651.78*	
40 05 19 00-2693	EA	6" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,208.78	357.12
		For Class 52 Rating, Deduct	*-623.45*	
		For Class 54 Rating, Add	*856.65*	
		For Class 55 Rating, Add	*1,276.88*	
		For Class 56 Rating, Add	*1,691.45*	
40 05 19 00-2694	EA	6" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,347.61	360.40
		For Class 52 Rating, Deduct	*-638.17*	
		For Class 54 Rating, Add	*876.79*	
		For Class 55 Rating, Add	*1,306.85*	
		For Class 56 Rating, Add	*1,731.12*	

40 05 19 00-2695 8" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2614)*

40 05 19 00-2696	EA	8" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,472.81	301.43
		For Class 52 Rating, Deduct	*-111.77*	
		For Class 54 Rating, Add	*157.90*	
		For Class 55 Rating, Add	*237.55*	
		For Class 56 Rating, Add	*316.19*	
40 05 19 00-2697	EA	8" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,651.19	304.70
		For Class 52 Rating, Deduct	*-130.85*	
		For Class 54 Rating, Add	*183.97*	
		For Class 55 Rating, Add	*276.34*	
		For Class 56 Rating, Add	*367.53*	
40 05 19 00-2698	EA	8" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,829.55	307.98
		For Class 52 Rating, Deduct	*-149.92*	
		For Class 54 Rating, Add	*210.04*	
		For Class 55 Rating, Add	*315.13*	
		For Class 56 Rating, Add	*418.86*	
40 05 19 00-2699	EA	8" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,007.92	311.25
		For Class 52 Rating, Deduct	*-169.00*	
		For Class 54 Rating, Add	*236.11*	
		For Class 55 Rating, Add	*353.92*	
		For Class 56 Rating, Add	*470.19*	
40 05 19 00-2700	EA	8" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,186.30	314.53
		For Class 52 Rating, Deduct	*-188.07*	
		For Class 54 Rating, Add	*262.18*	
		For Class 55 Rating, Add	*392.71*	
		For Class 56 Rating, Add	*521.53*	
40 05 19 00-2701	EA	8" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,364.67	317.80
		For Class 52 Rating, Deduct	*-207.15*	
		For Class 54 Rating, Add	*288.25*	
		For Class 55 Rating, Add	*431.50*	
		For Class 56 Rating, Add	*572.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2702	EA	8" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,543.04	321.08
		For Class 52 Rating, Deduct	*-226.22*	
		For Class 54 Rating, Add	*314.32*	
		For Class 55 Rating, Add	*470.29*	
		For Class 56 Rating, Add	*624.20*	
40 05 19 00-2703	EA	8" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,721.41	324.36
		For Class 52 Rating, Deduct	*-245.30*	
		For Class 54 Rating, Add	*340.39*	
		For Class 55 Rating, Add	*509.08*	
		For Class 56 Rating, Add	*675.53*	
40 05 19 00-2704	EA	8" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,899.78	327.64
		For Class 52 Rating, Deduct	*-264.37*	
		For Class 54 Rating, Add	*366.46*	
		For Class 55 Rating, Add	*547.87*	
		For Class 56 Rating, Add	*726.86*	
40 05 19 00-2705	EA	8" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,078.16	330.92
		For Class 52 Rating, Deduct	*-283.45*	
		For Class 54 Rating, Add	*392.53*	
		For Class 55 Rating, Add	*586.66*	
		For Class 56 Rating, Add	*778.20*	
40 05 19 00-2706	EA	8" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,256.53	334.18
		For Class 52 Rating, Deduct	*-302.52*	
		For Class 54 Rating, Add	*418.60*	
		For Class 55 Rating, Add	*625.44*	
		For Class 56 Rating, Add	*829.53*	
40 05 19 00-2707	EA	8" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,434.90	337.46
		For Class 52 Rating, Deduct	*-321.59*	
		For Class 54 Rating, Add	*444.67*	
		For Class 55 Rating, Add	*664.23*	
		For Class 56 Rating, Add	*880.87*	
40 05 19 00-2708	EA	8" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,613.27	340.74
		For Class 52 Rating, Deduct	*-340.67*	
		For Class 54 Rating, Add	*470.75*	
		For Class 55 Rating, Add	*703.02*	
		For Class 56 Rating, Add	*932.20*	
40 05 19 00-2709	EA	8" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,791.64	344.02
		For Class 52 Rating, Deduct	*-359.75*	
		For Class 54 Rating, Add	*496.82*	
		For Class 55 Rating, Add	*741.81*	
		For Class 56 Rating, Add	*983.54*	
40 05 19 00-2710	EA	8" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,970.02	347.29
		For Class 52 Rating, Deduct	*-378.82*	
		For Class 54 Rating, Add	*522.89*	
		For Class 55 Rating, Add	*780.60*	
		For Class 56 Rating, Add	*1,034.87*	
40 05 19 00-2711	EA	8" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,148.39	350.57
		For Class 52 Rating, Deduct	*-397.89*	
		For Class 54 Rating, Add	*548.96*	
		For Class 55 Rating, Add	*819.39*	
		For Class 56 Rating, Add	*1,086.20*	
40 05 19 00-2712	EA	8" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,326.76	353.85
		For Class 52 Rating, Deduct	*-416.97*	
		For Class 54 Rating, Add	*575.03*	
		For Class 55 Rating, Add	*858.18*	
		For Class 56 Rating, Add	*1,137.54*	
40 05 19 00-2713	EA	8" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,505.13	357.12
		For Class 52 Rating, Deduct	*-436.04*	
		For Class 54 Rating, Add	*601.10*	
		For Class 55 Rating, Add	*896.97*	
		For Class 56 Rating, Add	*1,188.87*	
40 05 19 00-2714	EA	8" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,683.51	360.40
		For Class 52 Rating, Deduct	*-455.12*	
		For Class 54 Rating, Add	*627.17*	
		For Class 55 Rating, Add	*935.76*	
		For Class 56 Rating, Add	*1,240.21*	
40 05 19 00-2715	EA	8" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,861.87	363.67
		For Class 52 Rating, Deduct	*-474.19*	
		For Class 54 Rating, Add	*653.24*	
		For Class 55 Rating, Add	*974.54*	
		For Class 56 Rating, Add	*1,291.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2716	EA	8" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,040.25	366.95
		For Class 52 Rating, Deduct	*-493.27*	
		For Class 54 Rating, Add	*679.31*	
		For Class 55 Rating, Add	*1,013.33*	
		For Class 56 Rating, Add	*1,342.87*	
40 05 19 00-2717	EA	8" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,218.62	370.23
		For Class 52 Rating, Deduct	*-512.34*	
		For Class 54 Rating, Add	*705.38*	
		For Class 55 Rating, Add	*1,052.12*	
		For Class 56 Rating, Add	*1,394.21*	
40 05 19 00-2718	EA	8" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,396.99	373.51
		For Class 52 Rating, Deduct	*-531.42*	
		For Class 54 Rating, Add	*731.45*	
		For Class 55 Rating, Add	*1,090.91*	
		For Class 56 Rating, Add	*1,445.54*	
40 05 19 00-2719	EA	8" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,575.36	376.78
		For Class 52 Rating, Deduct	*-550.49*	
		For Class 54 Rating, Add	*757.52*	
		For Class 55 Rating, Add	*1,129.70*	
		For Class 56 Rating, Add	*1,496.87*	
40 05 19 00-2720	EA	8" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,753.73	380.05
		For Class 52 Rating, Deduct	*-569.57*	
		For Class 54 Rating, Add	*783.59*	
		For Class 55 Rating, Add	*1,168.49*	
		For Class 56 Rating, Add	*1,548.21*	
40 05 19 00-2721	EA	8" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,932.11	383.33
		For Class 52 Rating, Deduct	*-588.64*	
		For Class 54 Rating, Add	*809.66*	
		For Class 55 Rating, Add	*1,207.28*	
		For Class 56 Rating, Add	*1,599.54*	
40 05 19 00-2722	EA	8" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,110.48	386.61
		For Class 52 Rating, Deduct	*-607.72*	
		For Class 54 Rating, Add	*835.74*	
		For Class 55 Rating, Add	*1,246.07*	
		For Class 56 Rating, Add	*1,650.88*	
40 05 19 00-2723	EA	8" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,288.85	389.89
		For Class 52 Rating, Deduct	*-626.79*	
		For Class 54 Rating, Add	*861.81*	
		For Class 55 Rating, Add	*1,284.86*	
		For Class 56 Rating, Add	*1,702.21*	
40 05 19 00-2724	EA	8" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,467.22	393.16
		For Class 52 Rating, Deduct	*-645.87*	
		For Class 54 Rating, Add	*887.88*	
		For Class 55 Rating, Add	*1,323.65*	
		For Class 56 Rating, Add	*1,753.54*	
40 05 19 00-2725	EA	8" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,645.60	396.44
		For Class 52 Rating, Deduct	*-664.94*	
		For Class 54 Rating, Add	*913.95*	
		For Class 55 Rating, Add	*1,362.44*	
		For Class 56 Rating, Add	*1,804.88*	
40 05 19 00-2726	EA	8" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,823.97	399.72
		For Class 52 Rating, Deduct	*-684.02*	
		For Class 54 Rating, Add	*940.02*	
		For Class 55 Rating, Add	*1,401.22*	
		For Class 56 Rating, Add	*1,856.21*	
40 05 19 00-2727	EA	8" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,002.34	402.99
		For Class 52 Rating, Deduct	*-703.09*	
		For Class 54 Rating, Add	*966.09*	
		For Class 55 Rating, Add	*1,440.01*	
		For Class 56 Rating, Add	*1,907.55*	
40 05 19 00-2728	EA	8" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,180.70	406.26
		For Class 52 Rating, Deduct	*-722.17*	
		For Class 54 Rating, Add	*992.16*	
		For Class 55 Rating, Add	*1,478.80*	
		For Class 56 Rating, Add	*1,958.88*	
40 05 19 00-2729	EA	8" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,359.08	409.54
		For Class 52 Rating, Deduct	*-741.24*	
		For Class 54 Rating, Add	*1,018.23*	
		For Class 55 Rating, Add	*1,517.59*	
		For Class 56 Rating, Add	*2,010.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2730	EA	8" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,537.46	412.82
		For Class 52 Rating, Deduct	*-760.32*	
		For Class 54 Rating, Add	*1,044.30*	
		For Class 55 Rating, Add	*1,556.38*	
		For Class 56 Rating, Add	*2,061.55*	
40 05 19 00-2731	EA	8" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,715.82	416.10
		For Class 52 Rating, Deduct	*-779.39*	
		For Class 54 Rating, Add	*1,070.37*	
		For Class 55 Rating, Add	*1,595.17*	
		For Class 56 Rating, Add	*2,112.88*	
40 05 19 00-2732	EA	8" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,894.19	419.38
		For Class 52 Rating, Deduct	*-798.47*	
		For Class 54 Rating, Add	*1,096.44*	
		For Class 55 Rating, Add	*1,633.96*	
		For Class 56 Rating, Add	*2,164.21*	
40 05 19 00-2733	EA	8" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,072.57	422.65
		For Class 52 Rating, Deduct	*-817.54*	
		For Class 54 Rating, Add	*1,122.51*	
		For Class 55 Rating, Add	*1,672.75*	
		For Class 56 Rating, Add	*2,215.55*	
40 05 19 00-2734	EA	8" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,250.94	425.92
		For Class 52 Rating, Deduct	*-836.62*	
		For Class 54 Rating, Add	*1,148.58*	
		For Class 55 Rating, Add	*1,711.54*	
		For Class 56 Rating, Add	*2,266.88*	

40 05 19 00-2735 10" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2614)*

40 05 19 00-2736	EA	10" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,851.98	366.95
		For Class 52 Rating, Deduct	*-142.56*	
		For Class 54 Rating, Add	*201.07*	
		For Class 55 Rating, Add	*302.35*	
		For Class 56 Rating, Add	*402.33*	
40 05 19 00-2737	EA	10" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,082.07	370.23
		For Class 52 Rating, Deduct	*-167.32*	
		For Class 54 Rating, Add	*234.90*	
		For Class 55 Rating, Add	*352.67*	
		For Class 56 Rating, Add	*468.92*	
40 05 19 00-2738	EA	10" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,312.16	373.51
		For Class 52 Rating, Deduct	*-192.09*	
		For Class 54 Rating, Add	*268.73*	
		For Class 55 Rating, Add	*403.00*	
		For Class 56 Rating, Add	*535.52*	
40 05 19 00-2739	EA	10" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,542.25	376.78
		For Class 52 Rating, Deduct	*-216.85*	
		For Class 54 Rating, Add	*302.56*	
		For Class 55 Rating, Add	*453.32*	
		For Class 56 Rating, Add	*602.11*	
40 05 19 00-2740	EA	10" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,772.34	380.05
		For Class 52 Rating, Deduct	*-241.62*	
		For Class 54 Rating, Add	*336.39*	
		For Class 55 Rating, Add	*503.64*	
		For Class 56 Rating, Add	*668.70*	
40 05 19 00-2741	EA	10" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,002.43	383.33
		For Class 52 Rating, Deduct	*-266.38*	
		For Class 54 Rating, Add	*370.21*	
		For Class 55 Rating, Add	*553.96*	
		For Class 56 Rating, Add	*735.29*	
40 05 19 00-2742	EA	10" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,232.52	386.61
		For Class 52 Rating, Deduct	*-291.14*	
		For Class 54 Rating, Add	*404.04*	
		For Class 55 Rating, Add	*604.28*	
		For Class 56 Rating, Add	*801.88*	
40 05 19 00-2743	EA	10" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,462.60	389.89
		For Class 52 Rating, Deduct	*-315.91*	
		For Class 54 Rating, Add	*437.87*	
		For Class 55 Rating, Add	*654.60*	
		For Class 56 Rating, Add	*868.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2744	EA	10" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,692.70	393.16
		For Class 52 Rating, Deduct	*-340.67*	
		For Class 54 Rating, Add	*471.70*	
		For Class 55 Rating, Add	*704.93*	
		For Class 56 Rating, Add	*935.06*	
40 05 19 00-2745	EA	10" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,922.80	396.44
		For Class 52 Rating, Deduct	*-365.43*	
		For Class 54 Rating, Add	*505.53*	
		For Class 55 Rating, Add	*755.25*	
		For Class 56 Rating, Add	*1,001.65*	
40 05 19 00-2746	EA	10" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,152.88	399.72
		For Class 52 Rating, Deduct	*-390.20*	
		For Class 54 Rating, Add	*539.36*	
		For Class 55 Rating, Add	*805.57*	
		For Class 56 Rating, Add	*1,068.24*	
40 05 19 00-2747	EA	10" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,382.97	402.99
		For Class 52 Rating, Deduct	*-414.96*	
		For Class 54 Rating, Add	*573.18*	
		For Class 55 Rating, Add	*855.89*	
		For Class 56 Rating, Add	*1,134.83*	
40 05 19 00-2748	EA	10" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,613.05	406.26
		For Class 52 Rating, Deduct	*-439.73*	
		For Class 54 Rating, Add	*607.01*	
		For Class 55 Rating, Add	*906.22*	
		For Class 56 Rating, Add	*1,201.42*	
40 05 19 00-2749	EA	10" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,843.15	409.54
		For Class 52 Rating, Deduct	*-464.49*	
		For Class 54 Rating, Add	*640.84*	
		For Class 55 Rating, Add	*956.54*	
		For Class 56 Rating, Add	*1,268.01*	
40 05 19 00-2750	EA	10" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,073.24	412.82
		For Class 52 Rating, Deduct	*-489.25*	
		For Class 54 Rating, Add	*674.67*	
		For Class 55 Rating, Add	*1,006.86*	
		For Class 56 Rating, Add	*1,334.60*	
40 05 19 00-2751	EA	10" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,303.32	416.10
		For Class 52 Rating, Deduct	*-514.02*	
		For Class 54 Rating, Add	*708.50*	
		For Class 55 Rating, Add	*1,057.18*	
		For Class 56 Rating, Add	*1,401.20*	
40 05 19 00-2752	EA	10" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,533.42	419.38
		For Class 52 Rating, Deduct	*-538.78*	
		For Class 54 Rating, Add	*742.33*	
		For Class 55 Rating, Add	*1,107.51*	
		For Class 56 Rating, Add	*1,467.79*	
40 05 19 00-2753	EA	10" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,763.51	422.65
		For Class 52 Rating, Deduct	*-563.54*	
		For Class 54 Rating, Add	*776.15*	
		For Class 55 Rating, Add	*1,157.83*	
		For Class 56 Rating, Add	*1,534.38*	
40 05 19 00-2754	EA	10" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,993.60	425.92
		For Class 52 Rating, Deduct	*-588.31*	
		For Class 54 Rating, Add	*809.98*	
		For Class 55 Rating, Add	*1,208.15*	
		For Class 56 Rating, Add	*1,600.97*	
40 05 19 00-2755	EA	10" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,223.69	429.20
		For Class 52 Rating, Deduct	*-613.07*	
		For Class 54 Rating, Add	*843.81*	
		For Class 55 Rating, Add	*1,258.47*	
		For Class 56 Rating, Add	*1,667.56*	
40 05 19 00-2756	EA	10" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,453.78	432.48
		For Class 52 Rating, Deduct	*-637.84*	
		For Class 54 Rating, Add	*877.64*	
		For Class 55 Rating, Add	*1,308.79*	
		For Class 56 Rating, Add	*1,734.15*	
40 05 19 00-2757	EA	10" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,683.87	435.75
		For Class 52 Rating, Deduct	*-662.60*	
		For Class 54 Rating, Add	*911.47*	
		For Class 55 Rating, Add	*1,359.12*	
		For Class 56 Rating, Add	*1,800.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2758	EA	10" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,913.96	439.03
		For Class 52 Rating, Deduct	*-687.36*	
		For Class 54 Rating, Add	*945.30*	
		For Class 55 Rating, Add	*1,409.44*	
		For Class 56 Rating, Add	*1,867.33*	
40 05 19 00-2759	EA	10" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,144.05	442.31
		For Class 52 Rating, Deduct	*-712.13*	
		For Class 54 Rating, Add	*979.13*	
		For Class 55 Rating, Add	*1,459.76*	
		For Class 56 Rating, Add	*1,933.92*	
40 05 19 00-2760	EA	10" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,374.13	445.59
		For Class 52 Rating, Deduct	*-736.89*	
		For Class 54 Rating, Add	*1,012.95*	
		For Class 55 Rating, Add	*1,510.08*	
		For Class 56 Rating, Add	*2,000.51*	
40 05 19 00-2761	EA	10" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,604.23	448.86
		For Class 52 Rating, Deduct	*-761.66*	
		For Class 54 Rating, Add	*1,046.78*	
		For Class 55 Rating, Add	*1,560.41*	
		For Class 56 Rating, Add	*2,067.10*	
40 05 19 00-2762	EA	10" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,834.31	452.13
		For Class 52 Rating, Deduct	*-786.42*	
		For Class 54 Rating, Add	*1,080.61*	
		For Class 55 Rating, Add	*1,610.73*	
		For Class 56 Rating, Add	*2,133.69*	
40 05 19 00-2763	EA	10" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,064.41	455.41
		For Class 52 Rating, Deduct	*-811.18*	
		For Class 54 Rating, Add	*1,114.44*	
		For Class 55 Rating, Add	*1,661.05*	
		For Class 56 Rating, Add	*2,200.29*	
40 05 19 00-2764	EA	10" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,294.51	458.69
		For Class 52 Rating, Deduct	*-835.95*	
		For Class 54 Rating, Add	*1,148.27*	
		For Class 55 Rating, Add	*1,711.37*	
		For Class 56 Rating, Add	*2,266.88*	
40 05 19 00-2765	EA	10" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,524.58	461.97
		For Class 52 Rating, Deduct	*-860.71*	
		For Class 54 Rating, Add	*1,182.10*	
		For Class 55 Rating, Add	*1,761.69*	
		For Class 56 Rating, Add	*2,333.47*	
40 05 19 00-2766	EA	10" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,754.68	465.24
		For Class 52 Rating, Deduct	*-885.47*	
		For Class 54 Rating, Add	*1,215.92*	
		For Class 55 Rating, Add	*1,812.02*	
		For Class 56 Rating, Add	*2,400.06*	
40 05 19 00-2767	EA	10" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,984.76	468.52
		For Class 52 Rating, Deduct	*-910.24*	
		For Class 54 Rating, Add	*1,249.75*	
		For Class 55 Rating, Add	*1,862.34*	
		For Class 56 Rating, Add	*2,466.65*	
40 05 19 00-2768	EA	10" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,214.86	471.79
		For Class 52 Rating, Deduct	*-935.00*	
		For Class 54 Rating, Add	*1,283.58*	
		For Class 55 Rating, Add	*1,912.66*	
		For Class 56 Rating, Add	*2,533.24*	
40 05 19 00-2769	EA	10" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,444.95	475.07
		For Class 52 Rating, Deduct	*-959.77*	
		For Class 54 Rating, Add	*1,317.41*	
		For Class 55 Rating, Add	*1,962.98*	
		For Class 56 Rating, Add	*2,599.83*	
40 05 19 00-2770	EA	10" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,675.03	478.35
		For Class 52 Rating, Deduct	*-984.53*	
		For Class 54 Rating, Add	*1,351.24*	
		For Class 55 Rating, Add	*2,013.30*	
		For Class 56 Rating, Add	*2,666.42*	
40 05 19 00-2771	EA	10" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,905.13	481.62
		For Class 52 Rating, Deduct	*-1,009.29*	
		For Class 54 Rating, Add	*1,385.07*	
		For Class 55 Rating, Add	*2,063.63*	
		For Class 56 Rating, Add	*2,733.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2772	EA	10" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,135.22	484.90
		For Class 52 Rating, Deduct	*-1,034.06*	
		For Class 54 Rating, Add	*1,418.89*	
		For Class 55 Rating, Add	*2,113.95*	
		For Class 56 Rating, Add	*2,799.60*	
40 05 19 00-2773	EA	10" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,365.31	488.18
		For Class 52 Rating, Deduct	*-1,058.82*	
		For Class 54 Rating, Add	*1,452.72*	
		For Class 55 Rating, Add	*2,164.27*	
		For Class 56 Rating, Add	*2,866.19*	
40 05 19 00-2774	EA	10" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,595.39	491.45
		For Class 52 Rating, Deduct	*-1,083.58*	
		For Class 54 Rating, Add	*1,486.55*	
		For Class 55 Rating, Add	*2,214.59*	
		For Class 56 Rating, Add	*2,932.78*	

40 05 19 00-2775 12" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2614)*

40 05 19 00-2776	EA	12" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,398.64	458.69
		For Class 52 Rating, Deduct	*-187.40*	
		For Class 54 Rating, Add	*263.89*	
		For Class 55 Rating, Add	*396.59*	
		For Class 56 Rating, Add	*527.60*	
40 05 19 00-2777	EA	12" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,683.48	461.97
		For Class 52 Rating, Deduct	*-218.19*	
		For Class 54 Rating, Add	*305.93*	
		For Class 55 Rating, Add	*459.13*	
		For Class 56 Rating, Add	*610.34*	
40 05 19 00-2778	EA	12" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,968.34	465.24
		For Class 52 Rating, Deduct	*-248.98*	
		For Class 54 Rating, Add	*347.97*	
		For Class 55 Rating, Add	*521.66*	
		For Class 56 Rating, Add	*693.09*	
40 05 19 00-2779	EA	12" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,253.18	468.52
		For Class 52 Rating, Deduct	*-279.76*	
		For Class 54 Rating, Add	*390.01*	
		For Class 55 Rating, Add	*584.20*	
		For Class 56 Rating, Add	*775.83*	
40 05 19 00-2780	EA	12" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,538.04	471.79
		For Class 52 Rating, Deduct	*-310.55*	
		For Class 54 Rating, Add	*432.06*	
		For Class 55 Rating, Add	*646.73*	
		For Class 56 Rating, Add	*858.58*	
40 05 19 00-2781	EA	12" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,822.89	475.07
		For Class 52 Rating, Deduct	*-341.34*	
		For Class 54 Rating, Add	*474.10*	
		For Class 55 Rating, Add	*709.26*	
		For Class 56 Rating, Add	*941.32*	
40 05 19 00-2782	EA	12" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,107.73	478.35
		For Class 52 Rating, Deduct	*-372.13*	
		For Class 54 Rating, Add	*516.14*	
		For Class 55 Rating, Add	*771.80*	
		For Class 56 Rating, Add	*1,024.07*	
40 05 19 00-2783	EA	12" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,392.59	481.62
		For Class 52 Rating, Deduct	*-402.91*	
		For Class 54 Rating, Add	*558.19*	
		For Class 55 Rating, Add	*834.33*	
		For Class 56 Rating, Add	*1,106.81*	
40 05 19 00-2784	EA	12" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,677.44	484.90
		For Class 52 Rating, Deduct	*-433.70*	
		For Class 54 Rating, Add	*600.23*	
		For Class 55 Rating, Add	*896.86*	
		For Class 56 Rating, Add	*1,189.56*	
40 05 19 00-2785	EA	12" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,962.29	488.18
		For Class 52 Rating, Deduct	*-464.49*	
		For Class 54 Rating, Add	*642.27*	
		For Class 55 Rating, Add	*959.40*	
		For Class 56 Rating, Add	*1,272.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2786	EA	12" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,247.14	491.45
		For Class 52 Rating, Deduct	*-495.28*	
		For Class 54 Rating, Add	*684.31*	
		For Class 55 Rating, Add	*1,021.93*	
		For Class 56 Rating, Add	*1,355.05*	
40 05 19 00-2787	EA	12" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,531.99	494.72
		For Class 52 Rating, Deduct	*-526.06*	
		For Class 54 Rating, Add	*726.36*	
		For Class 55 Rating, Add	*1,084.47*	
		For Class 56 Rating, Add	*1,437.79*	
40 05 19 00-2788	EA	12" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,816.84	498.00
		For Class 52 Rating, Deduct	*-556.85*	
		For Class 54 Rating, Add	*768.40*	
		For Class 55 Rating, Add	*1,147.00*	
		For Class 56 Rating, Add	*1,520.54*	
40 05 19 00-2789	EA	12" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,101.69	501.28
		For Class 52 Rating, Deduct	*-587.64*	
		For Class 54 Rating, Add	*810.44*	
		For Class 55 Rating, Add	*1,209.53*	
		For Class 56 Rating, Add	*1,603.28*	
40 05 19 00-2790	EA	12" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,386.54	504.56
		For Class 52 Rating, Deduct	*-618.43*	
		For Class 54 Rating, Add	*852.48*	
		For Class 55 Rating, Add	*1,272.07*	
		For Class 56 Rating, Add	*1,686.03*	
40 05 19 00-2791	EA	12" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,671.39	507.84
		For Class 52 Rating, Deduct	*-649.21*	
		For Class 54 Rating, Add	*894.53*	
		For Class 55 Rating, Add	*1,334.60*	
		For Class 56 Rating, Add	*1,768.78*	
40 05 19 00-2792	EA	12" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,956.24	511.11
		For Class 52 Rating, Deduct	*-680.00*	
		For Class 54 Rating, Add	*936.57*	
		For Class 55 Rating, Add	*1,397.13*	
		For Class 56 Rating, Add	*1,851.52*	
40 05 19 00-2793	EA	12" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,241.09	514.38
		For Class 52 Rating, Deduct	*-710.79*	
		For Class 54 Rating, Add	*978.61*	
		For Class 55 Rating, Add	*1,459.67*	
		For Class 56 Rating, Add	*1,934.26*	
40 05 19 00-2794	EA	12" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,525.94	517.66
		For Class 52 Rating, Deduct	*-741.58*	
		For Class 54 Rating, Add	*1,020.65*	
		For Class 55 Rating, Add	*1,522.20*	
		For Class 56 Rating, Add	*2,017.01*	
40 05 19 00-2795	EA	12" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,810.79	520.94
		For Class 52 Rating, Deduct	*-772.36*	
		For Class 54 Rating, Add	*1,062.70*	
		For Class 55 Rating, Add	*1,584.74*	
		For Class 56 Rating, Add	*2,099.75*	
40 05 19 00-2796	EA	12" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,095.64	524.21
		For Class 52 Rating, Deduct	*-803.15*	
		For Class 54 Rating, Add	*1,104.74*	
		For Class 55 Rating, Add	*1,647.27*	
		For Class 56 Rating, Add	*2,182.50*	
40 05 19 00-2797	EA	12" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,380.49	527.49
		For Class 52 Rating, Deduct	*-833.94*	
		For Class 54 Rating, Add	*1,146.78*	
		For Class 55 Rating, Add	*1,709.80*	
		For Class 56 Rating, Add	*2,265.24*	
40 05 19 00-2798	EA	12" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,665.35	530.77
		For Class 52 Rating, Deduct	*-864.73*	
		For Class 54 Rating, Add	*1,188.82*	
		For Class 55 Rating, Add	*1,772.34*	
		For Class 56 Rating, Add	*2,347.99*	
40 05 19 00-2799	EA	12" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,950.19	534.05
		For Class 52 Rating, Deduct	*-895.51*	
		For Class 54 Rating, Add	*1,230.86*	
		For Class 55 Rating, Add	*1,834.87*	
		For Class 56 Rating, Add	*2,430.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2800	EA	12" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,235.04	537.32
		For Class 52 Rating, Deduct	*-926.30*	
		For Class 54 Rating, Add	*1,272.91*	
		For Class 55 Rating, Add	*1,897.40*	
		For Class 56 Rating, Add	*2,513.48*	
40 05 19 00-2801	EA	12" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,519.89	540.59
		For Class 52 Rating, Deduct	*-957.09*	
		For Class 54 Rating, Add	*1,314.95*	
		For Class 55 Rating, Add	*1,959.94*	
		For Class 56 Rating, Add	*2,596.23*	
40 05 19 00-2802	EA	12" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,804.74	543.87
		For Class 52 Rating, Deduct	*-987.88*	
		For Class 54 Rating, Add	*1,356.99*	
		For Class 55 Rating, Add	*2,022.47*	
		For Class 56 Rating, Add	*2,678.97*	
40 05 19 00-2803	EA	12" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,089.60	547.15
		For Class 52 Rating, Deduct	*-1,018.66*	
		For Class 54 Rating, Add	*1,399.04*	
		For Class 55 Rating, Add	*2,085.01*	
		For Class 56 Rating, Add	*2,761.72*	
40 05 19 00-2804	EA	12" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,374.44	550.43
		For Class 52 Rating, Deduct	*-1,049.45*	
		For Class 54 Rating, Add	*1,441.08*	
		For Class 55 Rating, Add	*2,147.54*	
		For Class 56 Rating, Add	*2,844.46*	
40 05 19 00-2805	EA	12" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,659.29	553.70
		For Class 52 Rating, Deduct	*-1,080.24*	
		For Class 54 Rating, Add	*1,483.12*	
		For Class 55 Rating, Add	*2,210.07*	
		For Class 56 Rating, Add	*2,927.21*	
40 05 19 00-2806	EA	12" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,944.15	556.98
		For Class 52 Rating, Deduct	*-1,111.03*	
		For Class 54 Rating, Add	*1,525.16*	
		For Class 55 Rating, Add	*2,272.61*	
		For Class 56 Rating, Add	*3,009.95*	
40 05 19 00-2807	EA	12" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,228.99	560.25
		For Class 52 Rating, Deduct	*-1,141.81*	
		For Class 54 Rating, Add	*1,567.20*	
		For Class 55 Rating, Add	*2,335.14*	
		For Class 56 Rating, Add	*3,092.69*	
40 05 19 00-2808	EA	12" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,513.85	563.53
		For Class 52 Rating, Deduct	*-1,172.60*	
		For Class 54 Rating, Add	*1,609.25*	
		For Class 55 Rating, Add	*2,397.67*	
		For Class 56 Rating, Add	*3,175.44*	
40 05 19 00-2809	EA	12" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,798.69	566.81
		For Class 52 Rating, Deduct	*-1,203.39*	
		For Class 54 Rating, Add	*1,651.29*	
		For Class 55 Rating, Add	*2,460.21*	
		For Class 56 Rating, Add	*3,258.19*	
40 05 19 00-2810	EA	12" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,083.54	570.08
		For Class 52 Rating, Deduct	*-1,234.18*	
		For Class 54 Rating, Add	*1,693.33*	
		For Class 55 Rating, Add	*2,522.74*	
		For Class 56 Rating, Add	*3,340.93*	
40 05 19 00-2811	EA	12" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,368.40	573.36
		For Class 52 Rating, Deduct	*-1,264.96*	
		For Class 54 Rating, Add	*1,735.38*	
		For Class 55 Rating, Add	*2,585.28*	
		For Class 56 Rating, Add	*3,423.68*	
40 05 19 00-2812	EA	12" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,653.24	576.64
		For Class 52 Rating, Deduct	*-1,295.75*	
		For Class 54 Rating, Add	*1,777.42*	
		For Class 55 Rating, Add	*2,647.81*	
		For Class 56 Rating, Add	*3,506.42*	
40 05 19 00-2813	EA	12" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,938.10	579.92
		For Class 52 Rating, Deduct	*-1,326.54*	
		For Class 54 Rating, Add	*1,819.46*	
		For Class 55 Rating, Add	*2,710.34*	
		For Class 56 Rating, Add	*3,589.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2814	EA	12" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,222.95	583.18
		For Class 52 Rating, Deduct	*-1,357.33*	
		For Class 54 Rating, Add	*1,861.50*	
		For Class 55 Rating, Add	*2,772.88*	
		For Class 56 Rating, Add	*3,671.91*	
40 05 19 00-2815		14" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2614)*		
40 05 19 00-2816	EA	14" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,346.87	550.43
		For Class 52 Rating, Deduct	*-276.42*	
		For Class 54 Rating, Add	*386.94*	
		For Class 55 Rating, Add	*580.39*	
		For Class 56 Rating, Add	*771.33*	
40 05 19 00-2817	EA	14" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,692.56	553.70
		For Class 52 Rating, Deduct	*-313.90*	
		For Class 54 Rating, Add	*438.11*	
		For Class 55 Rating, Add	*656.49*	
		For Class 56 Rating, Add	*872.02*	
40 05 19 00-2818	EA	14" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,038.26	556.98
		For Class 52 Rating, Deduct	*-351.38*	
		For Class 54 Rating, Add	*489.28*	
		For Class 55 Rating, Add	*732.59*	
		For Class 56 Rating, Add	*972.71*	
40 05 19 00-2819	EA	14" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,383.95	560.25
		For Class 52 Rating, Deduct	*-388.86*	
		For Class 54 Rating, Add	*540.45*	
		For Class 55 Rating, Add	*808.70*	
		For Class 56 Rating, Add	*1,073.41*	
40 05 19 00-2820	EA	14" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,729.65	563.53
		For Class 52 Rating, Deduct	*-426.34*	
		For Class 54 Rating, Add	*591.62*	
		For Class 55 Rating, Add	*884.80*	
		For Class 56 Rating, Add	*1,174.10*	
40 05 19 00-2821	EA	14" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,075.33	566.81
		For Class 52 Rating, Deduct	*-463.82*	
		For Class 54 Rating, Add	*642.79*	
		For Class 55 Rating, Add	*960.90*	
		For Class 56 Rating, Add	*1,274.80*	
40 05 19 00-2822	EA	14" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,421.04	570.08
		For Class 52 Rating, Deduct	*-501.30*	
		For Class 54 Rating, Add	*693.96*	
		For Class 55 Rating, Add	*1,037.00*	
		For Class 56 Rating, Add	*1,375.49*	
40 05 19 00-2823	EA	14" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,766.74	573.36
		For Class 52 Rating, Deduct	*-538.78*	
		For Class 54 Rating, Add	*745.13*	
		For Class 55 Rating, Add	*1,113.11*	
		For Class 56 Rating, Add	*1,476.19*	
40 05 19 00-2824	EA	14" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,112.43	576.64
		For Class 52 Rating, Deduct	*-576.26*	
		For Class 54 Rating, Add	*796.30*	
		For Class 55 Rating, Add	*1,189.21*	
		For Class 56 Rating, Add	*1,576.88*	
40 05 19 00-2825	EA	14" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,458.13	579.92
		For Class 52 Rating, Deduct	*-613.74*	
		For Class 54 Rating, Add	*847.46*	
		For Class 55 Rating, Add	*1,265.31*	
		For Class 56 Rating, Add	*1,677.58*	
40 05 19 00-2826	EA	14" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,803.82	583.18
		For Class 52 Rating, Deduct	*-651.22*	
		For Class 54 Rating, Add	*898.63*	
		For Class 55 Rating, Add	*1,341.41*	
		For Class 56 Rating, Add	*1,778.27*	
40 05 19 00-2827	EA	14" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,149.51	586.46
		For Class 52 Rating, Deduct	*-688.70*	
		For Class 54 Rating, Add	*949.80*	
		For Class 55 Rating, Add	*1,417.51*	
		For Class 56 Rating, Add	*1,878.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2828	EA	14" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,495.21	589.74
		For Class 52 Rating, Deduct	*-726.18*	
		For Class 54 Rating, Add	*1,000.97*	
		For Class 55 Rating, Add	*1,493.62*	
		For Class 56 Rating, Add	*1,979.66*	
40 05 19 00-2829	EA	14" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,840.91	593.02
		For Class 52 Rating, Deduct	*-763.66*	
		For Class 54 Rating, Add	*1,052.14*	
		For Class 55 Rating, Add	*1,569.72*	
		For Class 56 Rating, Add	*2,080.35*	
40 05 19 00-2830	EA	14" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,186.59	596.30
		For Class 52 Rating, Deduct	*-801.14*	
		For Class 54 Rating, Add	*1,103.31*	
		For Class 55 Rating, Add	*1,645.82*	
		For Class 56 Rating, Add	*2,181.05*	
40 05 19 00-2831	EA	14" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,532.29	599.57
		For Class 52 Rating, Deduct	*-838.62*	
		For Class 54 Rating, Add	*1,154.48*	
		For Class 55 Rating, Add	*1,721.92*	
		For Class 56 Rating, Add	*2,281.74*	
40 05 19 00-2832	EA	14" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,877.98	602.85
		For Class 52 Rating, Deduct	*-876.10*	
		For Class 54 Rating, Add	*1,205.65*	
		For Class 55 Rating, Add	*1,798.02*	
		For Class 56 Rating, Add	*2,382.43*	
40 05 19 00-2833	EA	14" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,223.69	606.12
		For Class 52 Rating, Deduct	*-913.59*	
		For Class 54 Rating, Add	*1,256.82*	
		For Class 55 Rating, Add	*1,874.13*	
		For Class 56 Rating, Add	*2,483.13*	
40 05 19 00-2834	EA	14" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,569.39	609.40
		For Class 52 Rating, Deduct	*-951.07*	
		For Class 54 Rating, Add	*1,307.99*	
		For Class 55 Rating, Add	*1,950.23*	
		For Class 56 Rating, Add	*2,583.82*	
40 05 19 00-2835	EA	14" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,915.07	612.67
		For Class 52 Rating, Deduct	*-988.55*	
		For Class 54 Rating, Add	*1,359.16*	
		For Class 55 Rating, Add	*2,026.33*	
		For Class 56 Rating, Add	*2,684.52*	
40 05 19 00-2836	EA	14" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,260.77	615.95
		For Class 52 Rating, Deduct	*-1,026.03*	
		For Class 54 Rating, Add	*1,410.33*	
		For Class 55 Rating, Add	*2,102.43*	
		For Class 56 Rating, Add	*2,785.21*	
40 05 19 00-2837	EA	14" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,606.47	619.23
		For Class 52 Rating, Deduct	*-1,063.51*	
		For Class 54 Rating, Add	*1,461.49*	
		For Class 55 Rating, Add	*2,178.54*	
		For Class 56 Rating, Add	*2,885.91*	
40 05 19 00-2838	EA	14" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,952.16	622.51
		For Class 52 Rating, Deduct	*-1,100.99*	
		For Class 54 Rating, Add	*1,512.66*	
		For Class 55 Rating, Add	*2,254.64*	
		For Class 56 Rating, Add	*2,986.60*	
40 05 19 00-2839	EA	14" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,297.86	625.79
		For Class 52 Rating, Deduct	*-1,138.47*	
		For Class 54 Rating, Add	*1,563.83*	
		For Class 55 Rating, Add	*2,330.74*	
		For Class 56 Rating, Add	*3,087.30*	
40 05 19 00-2840	EA	14" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,643.55	629.05
		For Class 52 Rating, Deduct	*-1,175.95*	
		For Class 54 Rating, Add	*1,615.00*	
		For Class 55 Rating, Add	*2,406.84*	
		For Class 56 Rating, Add	*3,187.99*	
40 05 19 00-2841	EA	14" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,989.24	632.33
		For Class 52 Rating, Deduct	*-1,213.43*	
		For Class 54 Rating, Add	*1,666.17*	
		For Class 55 Rating, Add	*2,482.94*	
		For Class 56 Rating, Add	*3,288.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2842	EA	14" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,334.94	635.61
		For Class 52 Rating, Deduct	*-1,250.91*	
		For Class 54 Rating, Add	*1,717.34*	
		For Class 55 Rating, Add	*2,559.04*	
		For Class 56 Rating, Add	*3,389.38*	
40 05 19 00-2843	EA	14" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,680.63	638.89
		For Class 52 Rating, Deduct	*-1,288.39*	
		For Class 54 Rating, Add	*1,768.51*	
		For Class 55 Rating, Add	*2,635.15*	
		For Class 56 Rating, Add	*3,490.07*	
40 05 19 00-2844	EA	14" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,026.32	642.16
		For Class 52 Rating, Deduct	*-1,325.87*	
		For Class 54 Rating, Add	*1,819.68*	
		For Class 55 Rating, Add	*2,711.25*	
		For Class 56 Rating, Add	*3,590.77*	
40 05 19 00-2845	EA	14" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,372.03	645.44
		For Class 52 Rating, Deduct	*-1,363.35*	
		For Class 54 Rating, Add	*1,870.85*	
		For Class 55 Rating, Add	*2,787.35*	
		For Class 56 Rating, Add	*3,691.46*	
40 05 19 00-2846	EA	14" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,717.72	648.72
		For Class 52 Rating, Deduct	*-1,400.83*	
		For Class 54 Rating, Add	*1,922.02*	
		For Class 55 Rating, Add	*2,863.45*	
		For Class 56 Rating, Add	*3,792.16*	
40 05 19 00-2847	EA	14" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,063.42	651.99
		For Class 52 Rating, Deduct	*-1,438.31*	
		For Class 54 Rating, Add	*1,973.19*	
		For Class 55 Rating, Add	*2,939.56*	
		For Class 56 Rating, Add	*3,892.85*	
40 05 19 00-2848	EA	14" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,409.12	655.27
		For Class 52 Rating, Deduct	*-1,475.79*	
		For Class 54 Rating, Add	*2,024.36*	
		For Class 55 Rating, Add	*3,015.66*	
		For Class 56 Rating, Add	*3,993.54*	
40 05 19 00-2849	EA	14" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,754.80	658.54
		For Class 52 Rating, Deduct	*-1,513.27*	
		For Class 54 Rating, Add	*2,075.52*	
		For Class 55 Rating, Add	*3,091.76*	
		For Class 56 Rating, Add	*4,094.24*	
40 05 19 00-2850	EA	14" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,100.50	661.82
		For Class 52 Rating, Deduct	*-1,550.75*	
		For Class 54 Rating, Add	*2,126.69*	
		For Class 55 Rating, Add	*3,167.86*	
		For Class 56 Rating, Add	*4,194.93*	
40 05 19 00-2851	EA	14" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,446.19	665.10
		For Class 52 Rating, Deduct	*-1,588.23*	
		For Class 54 Rating, Add	*2,177.86*	
		For Class 55 Rating, Add	*3,243.96*	
		For Class 56 Rating, Add	*4,295.63*	
40 05 19 00-2852	EA	14" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,791.89	668.38
		For Class 52 Rating, Deduct	*-1,625.71*	
		For Class 54 Rating, Add	*2,229.03*	
		For Class 55 Rating, Add	*3,320.07*	
		For Class 56 Rating, Add	*4,396.32*	
40 05 19 00-2853	EA	14" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,137.58	671.65
		For Class 52 Rating, Deduct	*-1,663.19*	
		For Class 54 Rating, Add	*2,280.20*	
		For Class 55 Rating, Add	*3,396.17*	
		For Class 56 Rating, Add	*4,497.01*	

40 05 19 00-2854 16" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2614)*

40 05 19 00-2855	EA	16" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,919.30	629.05
		For Class 52 Rating, Deduct	*-326.28*	
		For Class 54 Rating, Add	*456.36*	
		For Class 55 Rating, Add	*684.33*	
		For Class 56 Rating, Add	*909.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2856	EA	16" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,319.76	632.33
		For Class 52 Rating, Deduct	*-369.78*	
		For Class 54 Rating, Add	*515.75*	
		For Class 55 Rating, Add	*772.65*	
		For Class 56 Rating, Add	*1,026.19*	
40 05 19 00-2857	EA	16" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,720.22	635.61
		For Class 52 Rating, Deduct	*-413.29*	
		For Class 54 Rating, Add	*575.13*	
		For Class 55 Rating, Add	*860.96*	
		For Class 56 Rating, Add	*1,143.03*	
40 05 19 00-2858	EA	16" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,120.67	638.89
		For Class 52 Rating, Deduct	*-456.79*	
		For Class 54 Rating, Add	*634.52*	
		For Class 55 Rating, Add	*949.28*	
		For Class 56 Rating, Add	*1,259.88*	
40 05 19 00-2859	EA	16" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,521.12	642.16
		For Class 52 Rating, Deduct	*-500.30*	
		For Class 54 Rating, Add	*693.90*	
		For Class 55 Rating, Add	*1,037.59*	
		For Class 56 Rating, Add	*1,376.73*	
40 05 19 00-2860	EA	16" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,921.58	645.44
		For Class 52 Rating, Deduct	*-543.80*	
		For Class 54 Rating, Add	*753.28*	
		For Class 55 Rating, Add	*1,125.90*	
		For Class 56 Rating, Add	*1,493.58*	
40 05 19 00-2861	EA	16" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,322.03	648.72
		For Class 52 Rating, Deduct	*-587.30*	
		For Class 54 Rating, Add	*812.66*	
		For Class 55 Rating, Add	*1,214.22*	
		For Class 56 Rating, Add	*1,610.43*	
40 05 19 00-2862	EA	16" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,722.49	651.99
		For Class 52 Rating, Deduct	*-630.81*	
		For Class 54 Rating, Add	*872.05*	
		For Class 55 Rating, Add	*1,302.53*	
		For Class 56 Rating, Add	*1,727.28*	
40 05 19 00-2863	EA	16" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,122.95	655.27
		For Class 52 Rating, Deduct	*-674.31*	
		For Class 54 Rating, Add	*931.43*	
		For Class 55 Rating, Add	*1,390.84*	
		For Class 56 Rating, Add	*1,844.12*	
40 05 19 00-2864	EA	16" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,523.39	658.54
		For Class 52 Rating, Deduct	*-717.82*	
		For Class 54 Rating, Add	*990.81*	
		For Class 55 Rating, Add	*1,479.16*	
		For Class 56 Rating, Add	*1,960.97*	
40 05 19 00-2865	EA	16" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,923.86	661.82
		For Class 52 Rating, Deduct	*-761.32*	
		For Class 54 Rating, Add	*1,050.20*	
		For Class 55 Rating, Add	*1,567.47*	
		For Class 56 Rating, Add	*2,077.82*	
40 05 19 00-2866	EA	16" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,324.31	665.10
		For Class 52 Rating, Deduct	*-804.82*	
		For Class 54 Rating, Add	*1,109.58*	
		For Class 55 Rating, Add	*1,655.78*	
		For Class 56 Rating, Add	*2,194.67*	
40 05 19 00-2867	EA	16" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,724.77	668.38
		For Class 52 Rating, Deduct	*-848.33*	
		For Class 54 Rating, Add	*1,168.96*	
		For Class 55 Rating, Add	*1,744.10*	
		For Class 56 Rating, Add	*2,311.52*	
40 05 19 00-2868	EA	16" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,125.22	671.65
		For Class 52 Rating, Deduct	*-891.83*	
		For Class 54 Rating, Add	*1,228.35*	
		For Class 55 Rating, Add	*1,832.41*	
		For Class 56 Rating, Add	*2,428.37*	
40 05 19 00-2869	EA	16" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,525.67	674.92
		For Class 52 Rating, Deduct	*-935.34*	
		For Class 54 Rating, Add	*1,287.73*	
		For Class 55 Rating, Add	*1,920.73*	
		For Class 56 Rating, Add	*2,545.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2870	EA	16" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,926.13	678.20
		For Class 52 Rating, Deduct	*-978.84*	
		For Class 54 Rating, Add	*1,347.11*	
		For Class 55 Rating, Add	*2,009.04*	
		For Class 56 Rating, Add	*2,662.07*	
40 05 19 00-2871	EA	16" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,326.59	681.48
		For Class 52 Rating, Deduct	*-1,022.34*	
		For Class 54 Rating, Add	*1,406.50*	
		For Class 55 Rating, Add	*2,097.35*	
		For Class 56 Rating, Add	*2,778.91*	
40 05 19 00-2872	EA	16" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,727.04	684.76
		For Class 52 Rating, Deduct	*-1,065.85*	
		For Class 54 Rating, Add	*1,465.88*	
		For Class 55 Rating, Add	*2,185.67*	
		For Class 56 Rating, Add	*2,895.76*	
40 05 19 00-2873	EA	16" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,127.50	688.03
		For Class 52 Rating, Deduct	*-1,109.35*	
		For Class 54 Rating, Add	*1,525.26*	
		For Class 55 Rating, Add	*2,273.98*	
		For Class 56 Rating, Add	*3,012.61*	
40 05 19 00-2874	EA	16" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,527.96	691.31
		For Class 52 Rating, Deduct	*-1,152.86*	
		For Class 54 Rating, Add	*1,584.65*	
		For Class 55 Rating, Add	*2,362.29*	
		For Class 56 Rating, Add	*3,129.46*	
40 05 19 00-2875	EA	16" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,928.41	694.59
		For Class 52 Rating, Deduct	*-1,196.36*	
		For Class 54 Rating, Add	*1,644.03*	
		For Class 55 Rating, Add	*2,450.61*	
		For Class 56 Rating, Add	*3,246.31*	
40 05 19 00-2876	EA	16" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,328.87	697.86
		For Class 52 Rating, Deduct	*-1,239.87*	
		For Class 54 Rating, Add	*1,703.41*	
		For Class 55 Rating, Add	*2,538.92*	
		For Class 56 Rating, Add	*3,363.16*	
40 05 19 00-2877	EA	16" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,729.32	701.13
		For Class 52 Rating, Deduct	*-1,283.37*	
		For Class 54 Rating, Add	*1,762.80*	
		For Class 55 Rating, Add	*2,627.23*	
		For Class 56 Rating, Add	*3,480.01*	
40 05 19 00-2878	EA	16" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,129.77	704.41
		For Class 52 Rating, Deduct	*-1,326.87*	
		For Class 54 Rating, Add	*1,822.18*	
		For Class 55 Rating, Add	*2,715.55*	
		For Class 56 Rating, Add	*3,596.85*	
40 05 19 00-2879	EA	16" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,530.23	707.69
		For Class 52 Rating, Deduct	*-1,370.38*	
		For Class 54 Rating, Add	*1,881.56*	
		For Class 55 Rating, Add	*2,803.86*	
		For Class 56 Rating, Add	*3,713.70*	
40 05 19 00-2880	EA	16" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,930.68	710.97
		For Class 52 Rating, Deduct	*-1,413.88*	
		For Class 54 Rating, Add	*1,940.95*	
		For Class 55 Rating, Add	*2,892.17*	
		For Class 56 Rating, Add	*3,830.55*	
40 05 19 00-2881	EA	16" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,331.15	714.25
		For Class 52 Rating, Deduct	*-1,457.39*	
		For Class 54 Rating, Add	*2,000.33*	
		For Class 55 Rating, Add	*2,980.49*	
		For Class 56 Rating, Add	*3,947.40*	
40 05 19 00-2882	EA	16" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,731.60	717.52
		For Class 52 Rating, Deduct	*-1,500.89*	
		For Class 54 Rating, Add	*2,059.71*	
		For Class 55 Rating, Add	*3,068.80*	
		For Class 56 Rating, Add	*4,064.25*	
40 05 19 00-2883	EA	16" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,132.05	720.79
		For Class 52 Rating, Deduct	*-1,544.39*	
		For Class 54 Rating, Add	*2,119.10*	
		For Class 55 Rating, Add	*3,157.12*	
		For Class 56 Rating, Add	*4,181.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2884	EA	16" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,532.51	724.07
		For Class 52 Rating, Deduct	*-1,587.90*	
		For Class 54 Rating, Add	*2,178.48*	
		For Class 55 Rating, Add	*3,245.43*	
		For Class 56 Rating, Add	*4,297.95*	
40 05 19 00-2885	EA	16" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,932.96	727.35
		For Class 52 Rating, Deduct	*-1,631.40*	
		For Class 54 Rating, Add	*2,237.86*	
		For Class 55 Rating, Add	*3,333.74*	
		For Class 56 Rating, Add	*4,414.79*	
40 05 19 00-2886	EA	16" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,333.42	730.62
		For Class 52 Rating, Deduct	*-1,674.91*	
		For Class 54 Rating, Add	*2,297.25*	
		For Class 55 Rating, Add	*3,422.06*	
		For Class 56 Rating, Add	*4,531.64*	
40 05 19 00-2887	EA	16" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,733.87	733.90
		For Class 52 Rating, Deduct	*-1,718.41*	
		For Class 54 Rating, Add	*2,356.63*	
		For Class 55 Rating, Add	*3,510.37*	
		For Class 56 Rating, Add	*4,648.49*	
40 05 19 00-2888	EA	16" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,134.32	737.18
		For Class 52 Rating, Deduct	*-1,761.91*	
		For Class 54 Rating, Add	*2,416.01*	
		For Class 55 Rating, Add	*3,598.68*	
		For Class 56 Rating, Add	*4,765.34*	
40 05 19 00-2889	EA	16" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,534.78	740.46
		For Class 52 Rating, Deduct	*-1,805.42*	
		For Class 54 Rating, Add	*2,475.39*	
		For Class 55 Rating, Add	*3,687.00*	
		For Class 56 Rating, Add	*4,882.19*	
40 05 19 00-2890	EA	16" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,935.25	743.73
		For Class 52 Rating, Deduct	*-1,848.92*	
		For Class 54 Rating, Add	*2,534.78*	
		For Class 55 Rating, Add	*3,775.31*	
		For Class 56 Rating, Add	*4,999.04*	
40 05 19 00-2891	EA	16" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,335.69	747.00
		For Class 52 Rating, Deduct	*-1,892.43*	
		For Class 54 Rating, Add	*2,594.16*	
		For Class 55 Rating, Add	*3,863.63*	
		For Class 56 Rating, Add	*5,115.89*	
40 05 19 00-2892	EA	16" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,736.15	750.28
		For Class 52 Rating, Deduct	*-1,935.93*	
		For Class 54 Rating, Add	*2,653.55*	
		For Class 55 Rating, Add	*3,951.94*	
		For Class 56 Rating, Add	*5,232.74*	

40 05 19 00-2893 18" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2614)*

40 05 19 00-2894	EA	18" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,588.03	709.00
		For Class 52 Rating, Deduct	*-386.52*	
		For Class 54 Rating, Add	*539.96*	
		For Class 55 Rating, Add	*809.36*	
		For Class 56 Rating, Add	*1,075.24*	
40 05 19 00-2895	EA	18" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,049.33	712.28
		For Class 52 Rating, Deduct	*-436.71*	
		For Class 54 Rating, Add	*608.47*	
		For Class 55 Rating, Add	*911.24*	
		For Class 56 Rating, Add	*1,210.04*	
40 05 19 00-2896	EA	18" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,510.64	715.56
		For Class 52 Rating, Deduct	*-486.91*	
		For Class 54 Rating, Add	*676.98*	
		For Class 55 Rating, Add	*1,013.12*	
		For Class 56 Rating, Add	*1,344.84*	
40 05 19 00-2897	EA	18" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,971.93	718.84
		For Class 52 Rating, Deduct	*-537.11*	
		For Class 54 Rating, Add	*745.49*	
		For Class 55 Rating, Add	*1,115.00*	
		For Class 56 Rating, Add	*1,479.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2898	EA	18" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,433.23	722.11
		For Class 52 Rating, Deduct	*-587.30*	
		For Class 54 Rating, Add	*814.00*	
		For Class 55 Rating, Add	*1,216.88*	
		For Class 56 Rating, Add	*1,614.43*	
40 05 19 00-2899	EA	18" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,894.54	725.39
		For Class 52 Rating, Deduct	*-637.50*	
		For Class 54 Rating, Add	*882.51*	
		For Class 55 Rating, Add	*1,318.77*	
		For Class 56 Rating, Add	*1,749.23*	
40 05 19 00-2900	EA	18" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,355.83	728.66
		For Class 52 Rating, Deduct	*-687.70*	
		For Class 54 Rating, Add	*951.02*	
		For Class 55 Rating, Add	*1,420.65*	
		For Class 56 Rating, Add	*1,884.03*	
40 05 19 00-2901	EA	18" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,817.13	731.94
		For Class 52 Rating, Deduct	*-737.90*	
		For Class 54 Rating, Add	*1,019.53*	
		For Class 55 Rating, Add	*1,522.53*	
		For Class 56 Rating, Add	*2,018.82*	
40 05 19 00-2902	EA	18" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,278.43	735.22
		For Class 52 Rating, Deduct	*-788.09*	
		For Class 54 Rating, Add	*1,088.04*	
		For Class 55 Rating, Add	*1,624.41*	
		For Class 56 Rating, Add	*2,153.62*	
40 05 19 00-2903	EA	18" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,739.73	738.49
		For Class 52 Rating, Deduct	*-838.29*	
		For Class 54 Rating, Add	*1,156.55*	
		For Class 55 Rating, Add	*1,726.29*	
		For Class 56 Rating, Add	*2,288.42*	
40 05 19 00-2904	EA	18" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,201.04	741.77
		For Class 52 Rating, Deduct	*-888.49*	
		For Class 54 Rating, Add	*1,225.06*	
		For Class 55 Rating, Add	*1,828.18*	
		For Class 56 Rating, Add	*2,423.22*	
40 05 19 00-2905	EA	18" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,662.33	745.05
		For Class 52 Rating, Deduct	*-938.68*	
		For Class 54 Rating, Add	*1,293.57*	
		For Class 55 Rating, Add	*1,930.06*	
		For Class 56 Rating, Add	*2,558.02*	
40 05 19 00-2906	EA	18" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,123.63	748.33
		For Class 52 Rating, Deduct	*-988.88*	
		For Class 54 Rating, Add	*1,362.08*	
		For Class 55 Rating, Add	*2,031.94*	
		For Class 56 Rating, Add	*2,692.81*	
40 05 19 00-2907	EA	18" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,584.94	751.59
		For Class 52 Rating, Deduct	*-1,039.08*	
		For Class 54 Rating, Add	*1,430.59*	
		For Class 55 Rating, Add	*2,133.82*	
		For Class 56 Rating, Add	*2,827.61*	
40 05 19 00-2908	EA	18" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,046.23	754.87
		For Class 52 Rating, Deduct	*-1,089.27*	
		For Class 54 Rating, Add	*1,499.10*	
		For Class 55 Rating, Add	*2,235.71*	
		For Class 56 Rating, Add	*2,962.41*	
40 05 19 00-2909	EA	18" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,507.54	758.15
		For Class 52 Rating, Deduct	*-1,139.47*	
		For Class 54 Rating, Add	*1,567.61*	
		For Class 55 Rating, Add	*2,337.59*	
		For Class 56 Rating, Add	*3,097.21*	
40 05 19 00-2910	EA	18" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,968.83	761.43
		For Class 52 Rating, Deduct	*-1,189.67*	
		For Class 54 Rating, Add	*1,636.12*	
		For Class 55 Rating, Add	*2,439.47*	
		For Class 56 Rating, Add	*3,232.00*	
40 05 19 00-2911	EA	18" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,430.13	764.71
		For Class 52 Rating, Deduct	*-1,239.87*	
		For Class 54 Rating, Add	*1,704.63*	
		For Class 55 Rating, Add	*2,541.35*	
		For Class 56 Rating, Add	*3,366.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2912	EA	18" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,891.44	767.98
		For Class 52 Rating, Deduct	*-1,290.06*	
		For Class 54 Rating, Add	*1,773.14*	
		For Class 55 Rating, Add	*2,643.23*	
		For Class 56 Rating, Add	*3,501.60*	
40 05 19 00-2913	EA	18" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,352.73	771.26
		For Class 52 Rating, Deduct	*-1,340.26*	
		For Class 54 Rating, Add	*1,841.65*	
		For Class 55 Rating, Add	*2,745.12*	
		For Class 56 Rating, Add	*3,636.40*	
40 05 19 00-2914	EA	18" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,814.04	774.53
		For Class 52 Rating, Deduct	*-1,390.46*	
		For Class 54 Rating, Add	*1,910.16*	
		For Class 55 Rating, Add	*2,847.00*	
		For Class 56 Rating, Add	*3,771.20*	
40 05 19 00-2915	EA	18" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,275.33	777.81
		For Class 52 Rating, Deduct	*-1,440.65*	
		For Class 54 Rating, Add	*1,978.67*	
		For Class 55 Rating, Add	*2,948.88*	
		For Class 56 Rating, Add	*3,905.99*	
40 05 19 00-2916	EA	18" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,736.63	781.08
		For Class 52 Rating, Deduct	*-1,490.85*	
		For Class 54 Rating, Add	*2,047.18*	
		For Class 55 Rating, Add	*3,050.76*	
		For Class 56 Rating, Add	*4,040.79*	
40 05 19 00-2917	EA	18" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,197.94	784.36
		For Class 52 Rating, Deduct	*-1,541.05*	
		For Class 54 Rating, Add	*2,115.69*	
		For Class 55 Rating, Add	*3,152.65*	
		For Class 56 Rating, Add	*4,175.59*	
40 05 19 00-2918	EA	18" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,659.24	787.64
		For Class 52 Rating, Deduct	*-1,591.24*	
		For Class 54 Rating, Add	*2,184.20*	
		For Class 55 Rating, Add	*3,254.53*	
		For Class 56 Rating, Add	*4,310.39*	
40 05 19 00-2919	EA	18" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,120.54	790.92
		For Class 52 Rating, Deduct	*-1,641.44*	
		For Class 54 Rating, Add	*2,252.71*	
		For Class 55 Rating, Add	*3,356.41*	
		For Class 56 Rating, Add	*4,445.19*	
40 05 19 00-2920	EA	18" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,581.83	794.20
		For Class 52 Rating, Deduct	*-1,691.64*	
		For Class 54 Rating, Add	*2,321.22*	
		For Class 55 Rating, Add	*3,458.29*	
		For Class 56 Rating, Add	*4,579.98*	
40 05 19 00-2921	EA	18" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,043.13	797.46
		For Class 52 Rating, Deduct	*-1,741.83*	
		For Class 54 Rating, Add	*2,389.73*	
		For Class 55 Rating, Add	*3,560.17*	
		For Class 56 Rating, Add	*4,714.78*	
40 05 19 00-2922	EA	18" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,504.44	800.74
		For Class 52 Rating, Deduct	*-1,792.03*	
		For Class 54 Rating, Add	*2,458.24*	
		For Class 55 Rating, Add	*3,662.06*	
		For Class 56 Rating, Add	*4,849.58*	
40 05 19 00-2923	EA	18" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,965.74	804.02
		For Class 52 Rating, Deduct	*-1,842.23*	
		For Class 54 Rating, Add	*2,526.75*	
		For Class 55 Rating, Add	*3,763.94*	
		For Class 56 Rating, Add	*4,984.38*	
40 05 19 00-2924	EA	18" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,427.03	807.30
		For Class 52 Rating, Deduct	*-1,892.43*	
		For Class 54 Rating, Add	*2,595.26*	
		For Class 55 Rating, Add	*3,865.82*	
		For Class 56 Rating, Add	*5,119.18*	
40 05 19 00-2925	EA	18" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,888.33	810.57
		For Class 52 Rating, Deduct	*-1,942.62*	
		For Class 54 Rating, Add	*2,663.77*	
		For Class 55 Rating, Add	*3,967.70*	
		For Class 56 Rating, Add	*5,253.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2926	EA	18" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,349.64	813.85
		For Class 52 Rating, Deduct	*-1,992.82*	
		For Class 54 Rating, Add	*2,732.28*	
		For Class 55 Rating, Add	*4,069.58*	
		For Class 56 Rating, Add	*5,388.77*	
40 05 19 00-2927	EA	18" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,810.94	817.13
		For Class 52 Rating, Deduct	*-2,043.02*	
		For Class 54 Rating, Add	*2,800.79*	
		For Class 55 Rating, Add	*4,171.47*	
		For Class 56 Rating, Add	*5,523.57*	
40 05 19 00-2928	EA	18" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,272.24	820.40
		For Class 52 Rating, Deduct	*-2,093.21*	
		For Class 54 Rating, Add	*2,869.30*	
		For Class 55 Rating, Add	*4,273.35*	
		For Class 56 Rating, Add	*5,658.37*	
40 05 19 00-2929	EA	18" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,733.53	823.68
		For Class 52 Rating, Deduct	*-2,143.41*	
		For Class 54 Rating, Add	*2,937.81*	
		For Class 55 Rating, Add	*4,375.23*	
		For Class 56 Rating, Add	*5,793.16*	
40 05 19 00-2930	EA	18" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,194.83	826.95
		For Class 52 Rating, Deduct	*-2,193.61*	
		For Class 54 Rating, Add	*3,006.32*	
		For Class 55 Rating, Add	*4,477.11*	
		For Class 56 Rating, Add	*5,927.96*	
40 05 19 00-2931	EA	18" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,656.14	830.23
		For Class 52 Rating, Deduct	*-2,243.80*	
		For Class 54 Rating, Add	*3,074.83*	
		For Class 55 Rating, Add	*4,578.99*	
		For Class 56 Rating, Add	*6,062.76*	

40 05 19 00-2932 20" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2614)*

40 05 19 00-2933	EA	20" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,317.95	809.26
		For Class 52 Rating, Deduct	*-450.10*	
		For Class 54 Rating, Add	*628.49*	
		For Class 55 Rating, Add	*941.90*	
		For Class 56 Rating, Add	*1,251.22*	
40 05 19 00-2934	EA	20" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,843.15	812.53
		For Class 52 Rating, Deduct	*-507.32*	
		For Class 54 Rating, Add	*706.58*	
		For Class 55 Rating, Add	*1,058.03*	
		For Class 56 Rating, Add	*1,404.87*	
40 05 19 00-2935	EA	20" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,368.34	815.81
		For Class 52 Rating, Deduct	*-564.55*	
		For Class 54 Rating, Add	*784.67*	
		For Class 55 Rating, Add	*1,174.16*	
		For Class 56 Rating, Add	*1,558.52*	
40 05 19 00-2936	EA	20" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,893.52	819.08
		For Class 52 Rating, Deduct	*-621.77*	
		For Class 54 Rating, Add	*862.76*	
		For Class 55 Rating, Add	*1,290.29*	
		For Class 56 Rating, Add	*1,712.16*	
40 05 19 00-2937	EA	20" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,418.71	822.36
		For Class 52 Rating, Deduct	*-679.00*	
		For Class 54 Rating, Add	*940.86*	
		For Class 55 Rating, Add	*1,406.42*	
		For Class 56 Rating, Add	*1,865.80*	
40 05 19 00-2938	EA	20" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,943.89	825.64
		For Class 52 Rating, Deduct	*-736.22*	
		For Class 54 Rating, Add	*1,018.95*	
		For Class 55 Rating, Add	*1,522.55*	
		For Class 56 Rating, Add	*2,019.45*	
40 05 19 00-2939	EA	20" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,469.08	828.92
		For Class 52 Rating, Deduct	*-793.45*	
		For Class 54 Rating, Add	*1,097.04*	
		For Class 55 Rating, Add	*1,638.67*	
		For Class 56 Rating, Add	*2,173.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2940	EA	20" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,994.27	832.20
		For Class 52 Rating, Deduct	*-850.67*	
		For Class 54 Rating, Add	*1,175.14*	
		For Class 55 Rating, Add	*1,754.80*	
		For Class 56 Rating, Add	*2,326.74*	
40 05 19 00-2941	EA	20" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,519.46	835.46
		For Class 52 Rating, Deduct	*-907.90*	
		For Class 54 Rating, Add	*1,253.23*	
		For Class 55 Rating, Add	*1,870.93*	
		For Class 56 Rating, Add	*2,480.38*	
40 05 19 00-2942	EA	20" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,044.64	838.74
		For Class 52 Rating, Deduct	*-965.12*	
		For Class 54 Rating, Add	*1,331.32*	
		For Class 55 Rating, Add	*1,987.06*	
		For Class 56 Rating, Add	*2,634.03*	
40 05 19 00-2943	EA	20" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,569.83	842.02
		For Class 52 Rating, Deduct	*-1,022.34*	
		For Class 54 Rating, Add	*1,409.42*	
		For Class 55 Rating, Add	*2,103.19*	
		For Class 56 Rating, Add	*2,787.67*	
40 05 19 00-2944	EA	20" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,095.02	845.30
		For Class 52 Rating, Deduct	*-1,079.57*	
		For Class 54 Rating, Add	*1,487.51*	
		For Class 55 Rating, Add	*2,219.32*	
		For Class 56 Rating, Add	*2,941.32*	
40 05 19 00-2945	EA	20" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,620.21	848.57
		For Class 52 Rating, Deduct	*-1,136.79*	
		For Class 54 Rating, Add	*1,565.60*	
		For Class 55 Rating, Add	*2,335.45*	
		For Class 56 Rating, Add	*3,094.96*	
40 05 19 00-2946	EA	20" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,145.40	851.85
		For Class 52 Rating, Deduct	*-1,194.02*	
		For Class 54 Rating, Add	*1,643.69*	
		For Class 55 Rating, Add	*2,451.58*	
		For Class 56 Rating, Add	*3,248.60*	
40 05 19 00-2947	EA	20" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,670.58	855.13
		For Class 52 Rating, Deduct	*-1,251.24*	
		For Class 54 Rating, Add	*1,721.79*	
		For Class 55 Rating, Add	*2,567.71*	
		For Class 56 Rating, Add	*3,402.25*	
40 05 19 00-2948	EA	20" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,195.77	858.40
		For Class 52 Rating, Deduct	*-1,308.47*	
		For Class 54 Rating, Add	*1,799.88*	
		For Class 55 Rating, Add	*2,683.84*	
		For Class 56 Rating, Add	*3,555.89*	
40 05 19 00-2949	EA	20" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,720.95	861.68
		For Class 52 Rating, Deduct	*-1,365.69*	
		For Class 54 Rating, Add	*1,877.97*	
		For Class 55 Rating, Add	*2,799.96*	
		For Class 56 Rating, Add	*3,709.54*	
40 05 19 00-2950	EA	20" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,246.14	864.95
		For Class 52 Rating, Deduct	*-1,422.92*	
		For Class 54 Rating, Add	*1,956.07*	
		For Class 55 Rating, Add	*2,916.09*	
		For Class 56 Rating, Add	*3,863.18*	
40 05 19 00-2951	EA	20" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,771.33	868.23
		For Class 52 Rating, Deduct	*-1,480.14*	
		For Class 54 Rating, Add	*2,034.16*	
		For Class 55 Rating, Add	*3,032.22*	
		For Class 56 Rating, Add	*4,016.83*	
40 05 19 00-2952	EA	20" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,296.51	871.51
		For Class 52 Rating, Deduct	*-1,537.37*	
		For Class 54 Rating, Add	*2,112.25*	
		For Class 55 Rating, Add	*3,148.35*	
		For Class 56 Rating, Add	*4,170.47*	
40 05 19 00-2953	EA	20" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,821.70	874.79
		For Class 52 Rating, Deduct	*-1,594.59*	
		For Class 54 Rating, Add	*2,190.35*	
		For Class 55 Rating, Add	*3,264.48*	
		For Class 56 Rating, Add	*4,324.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2954	EA	20" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,346.90	878.06
		For Class 52 Rating, Deduct	*-1,651.82*	
		For Class 54 Rating, Add	*2,268.44*	
		For Class 55 Rating, Add	*3,380.61*	
		For Class 56 Rating, Add	*4,477.76*	
40 05 19 00-2955	EA	20" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,872.08	881.33
		For Class 52 Rating, Deduct	*-1,709.04*	
		For Class 54 Rating, Add	*2,346.53*	
		For Class 55 Rating, Add	*3,496.74*	
		For Class 56 Rating, Add	*4,631.41*	
40 05 19 00-2956	EA	20" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,397.26	884.61
		For Class 52 Rating, Deduct	*-1,766.26*	
		For Class 54 Rating, Add	*2,424.62*	
		For Class 55 Rating, Add	*3,612.87*	
		For Class 56 Rating, Add	*4,785.05*	
40 05 19 00-2957	EA	20" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,922.45	887.89
		For Class 52 Rating, Deduct	*-1,823.49*	
		For Class 54 Rating, Add	*2,502.72*	
		For Class 55 Rating, Add	*3,729.00*	
		For Class 56 Rating, Add	*4,938.70*	
40 05 19 00-2958	EA	20" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,447.64	891.17
		For Class 52 Rating, Deduct	*-1,880.71*	
		For Class 54 Rating, Add	*2,580.81*	
		For Class 55 Rating, Add	*3,845.12*	
		For Class 56 Rating, Add	*5,092.34*	
40 05 19 00-2959	EA	20" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,972.83	894.44
		For Class 52 Rating, Deduct	*-1,937.94*	
		For Class 54 Rating, Add	*2,658.90*	
		For Class 55 Rating, Add	*3,961.25*	
		For Class 56 Rating, Add	*5,245.98*	
40 05 19 00-2960	EA	20" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,498.00	897.72
		For Class 52 Rating, Deduct	*-1,995.16*	
		For Class 54 Rating, Add	*2,737.00*	
		For Class 55 Rating, Add	*4,077.38*	
		For Class 56 Rating, Add	*5,399.63*	
40 05 19 00-2961	EA	20" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,023.20	901.00
		For Class 52 Rating, Deduct	*-2,052.39*	
		For Class 54 Rating, Add	*2,815.09*	
		For Class 55 Rating, Add	*4,193.51*	
		For Class 56 Rating, Add	*5,553.27*	
40 05 19 00-2962	EA	20" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,548.39	904.27
		For Class 52 Rating, Deduct	*-2,109.61*	
		For Class 54 Rating, Add	*2,893.18*	
		For Class 55 Rating, Add	*4,309.64*	
		For Class 56 Rating, Add	*5,706.92*	
40 05 19 00-2963	EA	20" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,073.57	907.54
		For Class 52 Rating, Deduct	*-2,166.84*	
		For Class 54 Rating, Add	*2,971.28*	
		For Class 55 Rating, Add	*4,425.77*	
		For Class 56 Rating, Add	*5,860.56*	
40 05 19 00-2964	EA	20" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,598.77	910.82
		For Class 52 Rating, Deduct	*-2,224.06*	
		For Class 54 Rating, Add	*3,049.37*	
		For Class 55 Rating, Add	*4,541.90*	
		For Class 56 Rating, Add	*6,014.21*	
40 05 19 00-2965	EA	20" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,123.95	914.10
		For Class 52 Rating, Deduct	*-2,281.28*	
		For Class 54 Rating, Add	*3,127.46*	
		For Class 55 Rating, Add	*4,658.03*	
		For Class 56 Rating, Add	*6,167.85*	
40 05 19 00-2966	EA	20" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,649.13	917.38
		For Class 52 Rating, Deduct	*-2,338.51*	
		For Class 54 Rating, Add	*3,205.56*	
		For Class 55 Rating, Add	*4,774.15*	
		For Class 56 Rating, Add	*6,321.49*	
40 05 19 00-2967	EA	20" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,174.33	920.66
		For Class 52 Rating, Deduct	*-2,395.73*	
		For Class 54 Rating, Add	*3,283.65*	
		For Class 55 Rating, Add	*4,890.28*	
		For Class 56 Rating, Add	*6,475.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2968	EA	20" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,699.51	923.93
		For Class 52 Rating, Deduct	*-2,452.96*	
		For Class 54 Rating, Add	*3,361.74*	
		For Class 55 Rating, Add	*5,006.41*	
		For Class 56 Rating, Add	*6,628.78*	
40 05 19 00-2969	EA	20" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,224.70	927.20
		For Class 52 Rating, Deduct	*-2,510.18*	
		For Class 54 Rating, Add	*3,439.83*	
		For Class 55 Rating, Add	*5,122.54*	
		For Class 56 Rating, Add	*6,782.43*	
40 05 19 00-2970	EA	20" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,749.89	930.48
		For Class 52 Rating, Deduct	*-2,567.41*	
		For Class 54 Rating, Add	*3,517.93*	
		For Class 55 Rating, Add	*5,238.67*	
		For Class 56 Rating, Add	*6,936.07*	

40 05 19 00-2971 24" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2614)*

40 05 19 00-2972	EA	24" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,615.26	956.69
		For Class 52 Rating, Deduct	*-568.23*	
		For Class 54 Rating, Add	*792.25*	
		For Class 55 Rating, Add	*1,186.74*	
		For Class 56 Rating, Add	*1,576.07*	
40 05 19 00-2973	EA	24" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,265.17	959.97
		For Class 52 Rating, Deduct	*-639.17*	
		For Class 54 Rating, Add	*889.06*	
		For Class 55 Rating, Add	*1,330.69*	
		For Class 56 Rating, Add	*1,766.51*	
40 05 19 00-2974	EA	24" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,915.09	963.25
		For Class 52 Rating, Deduct	*-710.12*	
		For Class 54 Rating, Add	*985.86*	
		For Class 55 Rating, Add	*1,474.63*	
		For Class 56 Rating, Add	*1,956.95*	
40 05 19 00-2975	EA	24" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,565.02	966.52
		For Class 52 Rating, Deduct	*-781.06*	
		For Class 54 Rating, Add	*1,082.66*	
		For Class 55 Rating, Add	*1,618.58*	
		For Class 56 Rating, Add	*2,147.39*	
40 05 19 00-2976	EA	24" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,214.93	969.80
		For Class 52 Rating, Deduct	*-852.01*	
		For Class 54 Rating, Add	*1,179.46*	
		For Class 55 Rating, Add	*1,762.52*	
		For Class 56 Rating, Add	*2,337.83*	
40 05 19 00-2977	EA	24" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,864.86	973.07
		For Class 52 Rating, Deduct	*-922.96*	
		For Class 54 Rating, Add	*1,276.27*	
		For Class 55 Rating, Add	*1,906.47*	
		For Class 56 Rating, Add	*2,528.27*	
40 05 19 00-2978	EA	24" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,514.77	976.35
		For Class 52 Rating, Deduct	*-993.90*	
		For Class 54 Rating, Add	*1,373.07*	
		For Class 55 Rating, Add	*2,050.41*	
		For Class 56 Rating, Add	*2,718.71*	
40 05 19 00-2979	EA	24" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,164.69	979.63
		For Class 52 Rating, Deduct	*-1,064.85*	
		For Class 54 Rating, Add	*1,469.87*	
		For Class 55 Rating, Add	*2,194.35*	
		For Class 56 Rating, Add	*2,909.16*	
40 05 19 00-2980	EA	24" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,814.61	982.90
		For Class 52 Rating, Deduct	*-1,135.79*	
		For Class 54 Rating, Add	*1,566.68*	
		For Class 55 Rating, Add	*2,338.30*	
		For Class 56 Rating, Add	*3,099.59*	
40 05 19 00-2981	EA	24" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,464.53	986.18
		For Class 52 Rating, Deduct	*-1,206.74*	
		For Class 54 Rating, Add	*1,663.48*	
		For Class 55 Rating, Add	*2,482.24*	
		For Class 56 Rating, Add	*3,290.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2982	EA	24" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,114.44	989.46
		For Class 52 Rating, Deduct	*-1,277.68*	
		For Class 54 Rating, Add	*1,760.28*	
		For Class 55 Rating, Add	*2,626.19*	
		For Class 56 Rating, Add	*3,480.47*	
40 05 19 00-2983	EA	24" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,764.37	992.74
		For Class 52 Rating, Deduct	*-1,348.63*	
		For Class 54 Rating, Add	*1,857.08*	
		For Class 55 Rating, Add	*2,770.13*	
		For Class 56 Rating, Add	*3,670.92*	
40 05 19 00-2984	EA	24" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,414.28	996.00
		For Class 52 Rating, Deduct	*-1,419.57*	
		For Class 54 Rating, Add	*1,953.89*	
		For Class 55 Rating, Add	*2,914.07*	
		For Class 56 Rating, Add	*3,861.36*	
40 05 19 00-2985	EA	24" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,064.21	999.28
		For Class 52 Rating, Deduct	*-1,490.52*	
		For Class 54 Rating, Add	*2,050.69*	
		For Class 55 Rating, Add	*3,058.02*	
		For Class 56 Rating, Add	*4,051.80*	
40 05 19 00-2986	EA	24" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,714.13	1,002.56
		For Class 52 Rating, Deduct	*-1,561.46*	
		For Class 54 Rating, Add	*2,147.49*	
		For Class 55 Rating, Add	*3,201.96*	
		For Class 56 Rating, Add	*4,242.24*	
40 05 19 00-2987	EA	24" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,364.04	1,005.84
		For Class 52 Rating, Deduct	*-1,632.41*	
		For Class 54 Rating, Add	*2,244.30*	
		For Class 55 Rating, Add	*3,345.91*	
		For Class 56 Rating, Add	*4,432.68*	
40 05 19 00-2988	EA	24" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,013.96	1,009.12
		For Class 52 Rating, Deduct	*-1,703.35*	
		For Class 54 Rating, Add	*2,341.10*	
		For Class 55 Rating, Add	*3,489.85*	
		For Class 56 Rating, Add	*4,623.12*	
40 05 19 00-2989	EA	24" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,663.89	1,012.39
		For Class 52 Rating, Deduct	*-1,774.30*	
		For Class 54 Rating, Add	*2,437.90*	
		For Class 55 Rating, Add	*3,633.80*	
		For Class 56 Rating, Add	*4,813.56*	
40 05 19 00-2990	EA	24" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,313.80	1,015.67
		For Class 52 Rating, Deduct	*-1,845.24*	
		For Class 54 Rating, Add	*2,534.70*	
		For Class 55 Rating, Add	*3,777.74*	
		For Class 56 Rating, Add	*5,004.00*	
40 05 19 00-2991	EA	24" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,963.72	1,018.94
		For Class 52 Rating, Deduct	*-1,916.19*	
		For Class 54 Rating, Add	*2,631.51*	
		For Class 55 Rating, Add	*3,921.68*	
		For Class 56 Rating, Add	*5,194.44*	
40 05 19 00-2992	EA	24" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,613.63	1,022.22
		For Class 52 Rating, Deduct	*-1,987.13*	
		For Class 54 Rating, Add	*2,728.31*	
		For Class 55 Rating, Add	*4,065.63*	
		For Class 56 Rating, Add	*5,384.88*	
40 05 19 00-2993	EA	24" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,263.56	1,025.49
		For Class 52 Rating, Deduct	*-2,058.08*	
		For Class 54 Rating, Add	*2,825.11*	
		For Class 55 Rating, Add	*4,209.57*	
		For Class 56 Rating, Add	*5,575.32*	
40 05 19 00-2994	EA	24" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,913.48	1,028.77
		For Class 52 Rating, Deduct	*-2,129.02*	
		For Class 54 Rating, Add	*2,921.91*	
		For Class 55 Rating, Add	*4,353.51*	
		For Class 56 Rating, Add	*5,765.76*	
40 05 19 00-2995	EA	24" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,563.40	1,032.05
		For Class 52 Rating, Deduct	*-2,199.97*	
		For Class 54 Rating, Add	*3,018.72*	
		For Class 55 Rating, Add	*4,497.46*	
		For Class 56 Rating, Add	*5,956.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2996	EA	24" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,213.31	1,035.33
		For Class 52 Rating, Deduct	*-2,270.91*	
		For Class 54 Rating, Add	*3,115.52*	
		For Class 55 Rating, Add	*4,641.40*	
		For Class 56 Rating, Add	*6,146.64*	
40 05 19 00-2997	EA	24" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,863.24	1,038.61
		For Class 52 Rating, Deduct	*-2,341.86*	
		For Class 54 Rating, Add	*3,212.32*	
		For Class 55 Rating, Add	*4,785.35*	
		For Class 56 Rating, Add	*6,337.08*	
40 05 19 00-2998	EA	24" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,513.15	1,041.87
		For Class 52 Rating, Deduct	*-2,412.80*	
		For Class 54 Rating, Add	*3,309.13*	
		For Class 55 Rating, Add	*4,929.29*	
		For Class 56 Rating, Add	*6,527.52*	
40 05 19 00-2999	EA	24" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,163.08	1,045.15
		For Class 52 Rating, Deduct	*-2,483.75*	
		For Class 54 Rating, Add	*3,405.93*	
		For Class 55 Rating, Add	*5,073.24*	
		For Class 56 Rating, Add	*6,717.96*	
40 05 19 00-3000	EA	24" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,812.99	1,048.43
		For Class 52 Rating, Deduct	*-2,554.69*	
		For Class 54 Rating, Add	*3,502.73*	
		For Class 55 Rating, Add	*5,217.18*	
		For Class 56 Rating, Add	*6,908.40*	
40 05 19 00-3001	EA	24" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,547.31	1,107.41
		For Class 52 Rating, Deduct	*-2,625.64*	
		For Class 54 Rating, Add	*3,600.55*	
		For Class 55 Rating, Add	*5,363.15*	
		For Class 56 Rating, Add	*7,101.88*	
40 05 19 00-3002	EA	24" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	26,197.22	1,110.68
		For Class 52 Rating, Deduct	*-2,696.58*	
		For Class 54 Rating, Add	*3,697.35*	
		For Class 55 Rating, Add	*5,507.09*	
		For Class 56 Rating, Add	*7,292.32*	
40 05 19 00-3003	EA	24" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	26,847.13	1,113.95
		For Class 52 Rating, Deduct	*-2,767.53*	
		For Class 54 Rating, Add	*3,794.15*	
		For Class 55 Rating, Add	*5,651.04*	
		For Class 56 Rating, Add	*7,482.76*	
40 05 19 00-3004	EA	24" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	27,497.06	1,117.23
		For Class 52 Rating, Deduct	*-2,838.47*	
		For Class 54 Rating, Add	*3,890.96*	
		For Class 55 Rating, Add	*5,794.98*	
		For Class 56 Rating, Add	*7,673.20*	
40 05 19 00-3005	EA	24" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	28,146.97	1,120.51
		For Class 52 Rating, Deduct	*-2,909.42*	
		For Class 54 Rating, Add	*3,987.76*	
		For Class 55 Rating, Add	*5,938.92*	
		For Class 56 Rating, Add	*7,863.64*	
40 05 19 00-3006	EA	24" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	28,793.86	1,123.79
		For Class 52 Rating, Deduct	*-2,980.03*	
		For Class 54 Rating, Add	*4,084.11*	
		For Class 55 Rating, Add	*6,082.19*	
		For Class 56 Rating, Add	*8,053.19*	
40 05 19 00-3007	EA	24" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	29,446.81	1,127.07
		For Class 52 Rating, Deduct	*-3,051.31*	
		For Class 54 Rating, Add	*4,181.36*	
		For Class 55 Rating, Add	*6,226.81*	
		For Class 56 Rating, Add	*8,244.52*	
40 05 19 00-3008	EA	24" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	30,096.73	1,130.34
		For Class 52 Rating, Deduct	*-3,122.25*	
		For Class 54 Rating, Add	*4,278.17*	
		For Class 55 Rating, Add	*6,370.76*	
		For Class 56 Rating, Add	*8,434.96*	
40 05 19 00-3009	EA	24" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	30,746.65	1,133.61
		For Class 52 Rating, Deduct	*-3,193.20*	
		For Class 54 Rating, Add	*4,374.97*	
		For Class 55 Rating, Add	*6,514.70*	
		For Class 56 Rating, Add	*8,625.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3010		30" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2614)*		
40 05 19 00-3011	EA	30" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,180.19	1,349.85
		For Class 52 Rating, Deduct	*-894.84*	
		For Class 54 Rating, Add	*1,244.79*	
		For Class 55 Rating, Add	*1,863.18*	
		For Class 56 Rating, Add	*2,473.44*	
40 05 19 00-3012	EA	30" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,109.98	1,353.13
		For Class 52 Rating, Deduct	*-996.58*	
		For Class 54 Rating, Add	*1,383.57*	
		For Class 55 Rating, Add	*2,069.54*	
		For Class 56 Rating, Add	*2,746.44*	
40 05 19 00-3013	EA	30" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,039.79	1,356.41
		For Class 52 Rating, Deduct	*-1,098.31*	
		For Class 54 Rating, Add	*1,522.36*	
		For Class 55 Rating, Add	*2,275.90*	
		For Class 56 Rating, Add	*3,019.45*	
40 05 19 00-3014	EA	30" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,969.60	1,359.69
		For Class 52 Rating, Deduct	*-1,200.04*	
		For Class 54 Rating, Add	*1,661.14*	
		For Class 55 Rating, Add	*2,482.25*	
		For Class 56 Rating, Add	*3,292.46*	
40 05 19 00-3015	EA	30" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,899.40	1,362.96
		For Class 52 Rating, Deduct	*-1,301.77*	
		For Class 54 Rating, Add	*1,799.93*	
		For Class 55 Rating, Add	*2,688.61*	
		For Class 56 Rating, Add	*3,565.46*	
40 05 19 00-3016	EA	30" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,829.20	1,366.23
		For Class 52 Rating, Deduct	*-1,403.51*	
		For Class 54 Rating, Add	*1,938.71*	
		For Class 55 Rating, Add	*2,894.97*	
		For Class 56 Rating, Add	*3,838.47*	
40 05 19 00-3017	EA	30" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,759.02	1,369.51
		For Class 52 Rating, Deduct	*-1,505.24*	
		For Class 54 Rating, Add	*2,077.50*	
		For Class 55 Rating, Add	*3,101.33*	
		For Class 56 Rating, Add	*4,111.48*	
40 05 19 00-3018	EA	30" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,688.82	1,372.79
		For Class 52 Rating, Deduct	*-1,606.97*	
		For Class 54 Rating, Add	*2,216.29*	
		For Class 55 Rating, Add	*3,307.69*	
		For Class 56 Rating, Add	*4,384.49*	
40 05 19 00-3019	EA	30" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,618.63	1,376.07
		For Class 52 Rating, Deduct	*-1,708.70*	
		For Class 54 Rating, Add	*2,355.07*	
		For Class 55 Rating, Add	*3,514.05*	
		For Class 56 Rating, Add	*4,657.49*	
40 05 19 00-3020	EA	30" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,548.43	1,379.34
		For Class 52 Rating, Deduct	*-1,810.44*	
		For Class 54 Rating, Add	*2,493.86*	
		For Class 55 Rating, Add	*3,720.41*	
		For Class 56 Rating, Add	*4,930.50*	
40 05 19 00-3021	EA	30" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,478.23	1,382.62
		For Class 52 Rating, Deduct	*-1,912.17*	
		For Class 54 Rating, Add	*2,632.64*	
		For Class 55 Rating, Add	*3,926.77*	
		For Class 56 Rating, Add	*5,203.51*	
40 05 19 00-3022	EA	30" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,408.04	1,385.89
		For Class 52 Rating, Deduct	*-2,013.90*	
		For Class 54 Rating, Add	*2,771.43*	
		For Class 55 Rating, Add	*4,133.12*	
		For Class 56 Rating, Add	*5,476.51*	
40 05 19 00-3023	EA	30" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,337.84	1,389.17
		For Class 52 Rating, Deduct	*-2,115.63*	
		For Class 54 Rating, Add	*2,910.21*	
		For Class 55 Rating, Add	*4,339.48*	
		For Class 56 Rating, Add	*5,749.52*	
40 05 19 00-3024	EA	30" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,267.65	1,392.44
		For Class 52 Rating, Deduct	*-2,217.37*	
		For Class 54 Rating, Add	*3,049.00*	
		For Class 55 Rating, Add	*4,545.84*	
		For Class 56 Rating, Add	*6,022.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3025	EA	30" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,197.46	1,395.72
		For Class 52 Rating, Deduct	*-2,319.10*	
		For Class 54 Rating, Add	*3,187.78*	
		For Class 55 Rating, Add	*4,752.20*	
		For Class 56 Rating, Add	*6,295.53*	
40 05 19 00-3026	EA	30" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,127.25	1,399.00
		For Class 52 Rating, Deduct	*-2,420.83*	
		For Class 54 Rating, Add	*3,326.57*	
		For Class 55 Rating, Add	*4,958.56*	
		For Class 56 Rating, Add	*6,568.54*	
40 05 19 00-3027	EA	30" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,057.07	1,402.28
		For Class 52 Rating, Deduct	*-2,522.57*	
		For Class 54 Rating, Add	*3,465.36*	
		For Class 55 Rating, Add	*5,164.92*	
		For Class 56 Rating, Add	*6,841.55*	
40 05 19 00-3028	EA	30" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,986.87	1,405.56
		For Class 52 Rating, Deduct	*-2,624.30*	
		For Class 54 Rating, Add	*3,604.14*	
		For Class 55 Rating, Add	*5,371.28*	
		For Class 56 Rating, Add	*7,114.56*	
40 05 19 00-3029	EA	30" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	26,916.68	1,408.82
		For Class 52 Rating, Deduct	*-2,726.03*	
		For Class 54 Rating, Add	*3,742.93*	
		For Class 55 Rating, Add	*5,577.64*	
		For Class 56 Rating, Add	*7,387.56*	
40 05 19 00-3030	EA	30" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	27,846.48	1,412.10
		For Class 52 Rating, Deduct	*-2,827.76*	
		For Class 54 Rating, Add	*3,881.71*	
		For Class 55 Rating, Add	*5,783.99*	
		For Class 56 Rating, Add	*7,660.57*	
40 05 19 00-3031	EA	30" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	28,776.28	1,415.38
		For Class 52 Rating, Deduct	*-2,929.49*	
		For Class 54 Rating, Add	*4,020.50*	
		For Class 55 Rating, Add	*5,990.35*	
		For Class 56 Rating, Add	*7,933.57*	
40 05 19 00-3032	EA	30" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	29,706.09	1,418.66
		For Class 52 Rating, Deduct	*-3,031.23*	
		For Class 54 Rating, Add	*4,159.29*	
		For Class 55 Rating, Add	*6,196.71*	
		For Class 56 Rating, Add	*8,206.58*	
40 05 19 00-3033	EA	30" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	30,635.90	1,421.94
		For Class 52 Rating, Deduct	*-3,132.96*	
		For Class 54 Rating, Add	*4,298.07*	
		For Class 55 Rating, Add	*6,403.07*	
		For Class 56 Rating, Add	*8,479.59*	
40 05 19 00-3034	EA	30" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	31,565.70	1,425.21
		For Class 52 Rating, Deduct	*-3,234.69*	
		For Class 54 Rating, Add	*4,436.86*	
		For Class 55 Rating, Add	*6,609.43*	
		For Class 56 Rating, Add	*8,752.59*	
40 05 19 00-3035	EA	30" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	32,495.50	1,428.49
		For Class 52 Rating, Deduct	*-3,336.42*	
		For Class 54 Rating, Add	*4,575.64*	
		For Class 55 Rating, Add	*6,815.79*	
		For Class 56 Rating, Add	*9,025.60*	
40 05 19 00-3036	EA	30" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	33,425.31	1,431.76
		For Class 52 Rating, Deduct	*-3,438.16*	
		For Class 54 Rating, Add	*4,714.43*	
		For Class 55 Rating, Add	*7,022.15*	
		For Class 56 Rating, Add	*9,298.61*	
40 05 19 00-3037	EA	30" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	34,355.11	1,435.04
		For Class 52 Rating, Deduct	*-3,539.89*	
		For Class 54 Rating, Add	*4,853.21*	
		For Class 55 Rating, Add	*7,228.50*	
		For Class 56 Rating, Add	*9,571.61*	
40 05 19 00-3038	EA	30" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	35,284.93	1,438.31
		For Class 52 Rating, Deduct	*-3,641.62*	
		For Class 54 Rating, Add	*4,992.00*	
		For Class 55 Rating, Add	*7,434.86*	
		For Class 56 Rating, Add	*9,844.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3039	EA	30" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	36,214.72	1,441.59
		For Class 52 Rating, Deduct	*-3,743.36*	
		For Class 54 Rating, Add	*5,130.79*	
		For Class 55 Rating, Add	*7,641.22*	
		For Class 56 Rating, Add	*10,117.63*	
40 05 19 00-3040	EA	30" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	37,144.53	1,444.87
		For Class 52 Rating, Deduct	*-3,845.09*	
		For Class 54 Rating, Add	*5,269.57*	
		For Class 55 Rating, Add	*7,847.58*	
		For Class 56 Rating, Add	*10,390.64*	
40 05 19 00-3041	EA	30" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	38,074.34	1,448.15
		For Class 52 Rating, Deduct	*-3,946.82*	
		For Class 54 Rating, Add	*5,408.36*	
		For Class 55 Rating, Add	*8,053.94*	
		For Class 56 Rating, Add	*10,663.64*	
40 05 19 00-3042	EA	30" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	39,004.14	1,451.42
		For Class 52 Rating, Deduct	*-4,048.55*	
		For Class 54 Rating, Add	*5,547.14*	
		For Class 55 Rating, Add	*8,260.30*	
		For Class 56 Rating, Add	*10,936.65*	
40 05 19 00-3043	EA	30" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	39,933.95	1,454.69
		For Class 52 Rating, Deduct	*-4,150.28*	
		For Class 54 Rating, Add	*5,685.93*	
		For Class 55 Rating, Add	*8,466.66*	
		For Class 56 Rating, Add	*11,209.66*	
40 05 19 00-3044	EA	30" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	40,863.75	1,457.97
		For Class 52 Rating, Deduct	*-4,252.02*	
		For Class 54 Rating, Add	*5,824.71*	
		For Class 55 Rating, Add	*8,673.02*	
		For Class 56 Rating, Add	*11,482.66*	
40 05 19 00-3045	EA	30" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	41,793.55	1,461.25
		For Class 52 Rating, Deduct	*-4,353.75*	
		For Class 54 Rating, Add	*5,963.50*	
		For Class 55 Rating, Add	*8,879.37*	
		For Class 56 Rating, Add	*11,755.67*	

40 05 19 00-3046 36" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2614)*

40 05 19 00-3047	EA	36" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,094.00	1,710.25
		For Class 52 Rating, Deduct	*-1,265.30*	
		For Class 54 Rating, Add	*1,756.50*	
		For Class 55 Rating, Add	*2,627.30*	
		For Class 56 Rating, Add	*3,486.59*	
40 05 19 00-3048	EA	36" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,340.19	1,713.53
		For Class 52 Rating, Deduct	*-1,401.83*	
		For Class 54 Rating, Add	*1,942.75*	
		For Class 55 Rating, Add	*2,904.21*	
		For Class 56 Rating, Add	*3,852.93*	
40 05 19 00-3049	EA	36" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,586.40	1,716.80
		For Class 52 Rating, Deduct	*-1,538.37*	
		For Class 54 Rating, Add	*2,128.99*	
		For Class 55 Rating, Add	*3,181.12*	
		For Class 56 Rating, Add	*4,219.27*	
40 05 19 00-3050	EA	36" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,832.59	1,720.08
		For Class 52 Rating, Deduct	*-1,674.91*	
		For Class 54 Rating, Add	*2,315.24*	
		For Class 55 Rating, Add	*3,458.04*	
		For Class 56 Rating, Add	*4,585.61*	
40 05 19 00-3051	EA	36" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,078.80	1,723.36
		For Class 52 Rating, Deduct	*-1,811.44*	
		For Class 54 Rating, Add	*2,501.48*	
		For Class 55 Rating, Add	*3,734.95*	
		For Class 56 Rating, Add	*4,951.96*	
40 05 19 00-3052	EA	36" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,324.99	1,726.63
		For Class 52 Rating, Deduct	*-1,947.98*	
		For Class 54 Rating, Add	*2,687.73*	
		For Class 55 Rating, Add	*4,011.87*	
		For Class 56 Rating, Add	*5,318.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3053	EA	36" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,571.18	1,729.91
		For Class 52 Rating, Deduct	*-2,084.51*	
		For Class 54 Rating, Add	*2,873.97*	
		For Class 55 Rating, Add	*4,288.78*	
		For Class 56 Rating, Add	*5,684.64*	
40 05 19 00-3054	EA	36" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,817.39	1,733.18
		For Class 52 Rating, Deduct	*-2,221.05*	
		For Class 54 Rating, Add	*3,060.21*	
		For Class 55 Rating, Add	*4,565.70*	
		For Class 56 Rating, Add	*6,050.99*	
40 05 19 00-3055	EA	36" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,063.58	1,736.46
		For Class 52 Rating, Deduct	*-2,357.58*	
		For Class 54 Rating, Add	*3,246.46*	
		For Class 55 Rating, Add	*4,842.61*	
		For Class 56 Rating, Add	*6,417.33*	
40 05 19 00-3056	EA	36" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,309.78	1,739.74
		For Class 52 Rating, Deduct	*-2,494.12*	
		For Class 54 Rating, Add	*3,432.70*	
		For Class 55 Rating, Add	*5,119.52*	
		For Class 56 Rating, Add	*6,783.67*	
40 05 19 00-3057	EA	36" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	26,555.98	1,743.02
		For Class 52 Rating, Deduct	*-2,630.66*	
		For Class 54 Rating, Add	*3,618.95*	
		For Class 55 Rating, Add	*5,396.44*	
		For Class 56 Rating, Add	*7,150.01*	
40 05 19 00-3058	EA	36" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	27,802.17	1,746.29
		For Class 52 Rating, Deduct	*-2,767.19*	
		For Class 54 Rating, Add	*3,805.19*	
		For Class 55 Rating, Add	*5,673.35*	
		For Class 56 Rating, Add	*7,516.35*	
40 05 19 00-3059	EA	36" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	29,048.38	1,749.56
		For Class 52 Rating, Deduct	*-2,903.73*	
		For Class 54 Rating, Add	*3,991.44*	
		For Class 55 Rating, Add	*5,950.27*	
		For Class 56 Rating, Add	*7,882.70*	
40 05 19 00-3060	EA	36" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	30,294.58	1,752.84
		For Class 52 Rating, Deduct	*-3,040.26*	
		For Class 54 Rating, Add	*4,177.68*	
		For Class 55 Rating, Add	*6,227.18*	
		For Class 56 Rating, Add	*8,249.04*	
40 05 19 00-3061	EA	36" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	31,540.77	1,756.12
		For Class 52 Rating, Deduct	*-3,176.80*	
		For Class 54 Rating, Add	*4,363.93*	
		For Class 55 Rating, Add	*6,504.09*	
		For Class 56 Rating, Add	*8,615.38*	
40 05 19 00-3062	EA	36" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	32,786.97	1,759.40
		For Class 52 Rating, Deduct	*-3,313.33*	
		For Class 54 Rating, Add	*4,550.17*	
		For Class 55 Rating, Add	*6,781.01*	
		For Class 56 Rating, Add	*8,981.73*	
40 05 19 00-3063	EA	36" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	34,033.16	1,762.67
		For Class 52 Rating, Deduct	*-3,449.87*	
		For Class 54 Rating, Add	*4,736.42*	
		For Class 55 Rating, Add	*7,057.92*	
		For Class 56 Rating, Add	*9,348.07*	
40 05 19 00-3064	EA	36" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	35,279.37	1,765.95
		For Class 52 Rating, Deduct	*-3,586.41*	
		For Class 54 Rating, Add	*4,922.66*	
		For Class 55 Rating, Add	*7,334.84*	
		For Class 56 Rating, Add	*9,714.41*	
40 05 19 00-3065	EA	36" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	36,525.57	1,769.23
		For Class 52 Rating, Deduct	*-3,722.94*	
		For Class 54 Rating, Add	*5,108.91*	
		For Class 55 Rating, Add	*7,611.75*	
		For Class 56 Rating, Add	*10,080.75*	
40 05 19 00-3066	EA	36" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	37,771.76	1,772.50
		For Class 52 Rating, Deduct	*-3,859.48*	
		For Class 54 Rating, Add	*5,295.15*	
		For Class 55 Rating, Add	*7,888.67*	
		For Class 56 Rating, Add	*10,447.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3067	EA	36" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	39,017.96	1,775.77
		For Class 52 Rating, Deduct	*-3,996.01*	
		For Class 54 Rating, Add	*5,481.40*	
		For Class 55 Rating, Add	*8,165.58*	
		For Class 56 Rating, Add	*10,813.44*	
40 05 19 00-3068	EA	36" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	40,264.16	1,779.05
		For Class 52 Rating, Deduct	*-4,132.55*	
		For Class 54 Rating, Add	*5,667.64*	
		For Class 55 Rating, Add	*8,442.50*	
		For Class 56 Rating, Add	*11,179.78*	
40 05 19 00-3069	EA	36" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	41,510.36	1,782.33
		For Class 52 Rating, Deduct	*-4,269.08*	
		For Class 54 Rating, Add	*5,853.89*	
		For Class 55 Rating, Add	*8,719.41*	
		For Class 56 Rating, Add	*11,546.13*	
40 05 19 00-3070	EA	36" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	42,756.56	1,785.61
		For Class 52 Rating, Deduct	*-4,405.62*	
		For Class 54 Rating, Add	*6,040.13*	
		For Class 55 Rating, Add	*8,996.32*	
		For Class 56 Rating, Add	*11,912.47*	
40 05 19 00-3071	EA	36" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	44,002.75	1,788.89
		For Class 52 Rating, Deduct	*-4,542.16*	
		For Class 54 Rating, Add	*6,226.37*	
		For Class 55 Rating, Add	*9,273.24*	
		For Class 56 Rating, Add	*12,278.81*	
40 05 19 00-3072	EA	36" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	45,248.95	1,792.16
		For Class 52 Rating, Deduct	*-4,678.69*	
		For Class 54 Rating, Add	*6,412.62*	
		For Class 55 Rating, Add	*9,550.15*	
		For Class 56 Rating, Add	*12,645.15*	
40 05 19 00-3073	EA	36" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	46,495.15	1,795.43
		For Class 52 Rating, Deduct	*-4,815.23*	
		For Class 54 Rating, Add	*6,598.86*	
		For Class 55 Rating, Add	*9,827.07*	
		For Class 56 Rating, Add	*13,011.50*	
40 05 19 00-3074	EA	36" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	47,741.35	1,798.71
		For Class 52 Rating, Deduct	*-4,951.76*	
		For Class 54 Rating, Add	*6,785.11*	
		For Class 55 Rating, Add	*10,103.98*	
		For Class 56 Rating, Add	*13,377.84*	
40 05 19 00-3075	EA	36" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	48,987.55	1,801.99
		For Class 52 Rating, Deduct	*-5,088.30*	
		For Class 54 Rating, Add	*6,971.35*	
		For Class 55 Rating, Add	*10,380.90*	
		For Class 56 Rating, Add	*13,744.18*	
40 05 19 00-3076	EA	36" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	50,233.74	1,805.26
		For Class 52 Rating, Deduct	*-5,224.83*	
		For Class 54 Rating, Add	*7,157.60*	
		For Class 55 Rating, Add	*10,657.81*	
		For Class 56 Rating, Add	*14,110.52*	
40 05 19 00-3077	EA	36" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	51,479.94	1,808.54
		For Class 52 Rating, Deduct	*-5,361.37*	
		For Class 54 Rating, Add	*7,343.84*	
		For Class 55 Rating, Add	*10,934.72*	
		For Class 56 Rating, Add	*14,476.87*	
40 05 19 00-3078	EA	36" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	52,726.14	1,811.82
		For Class 52 Rating, Deduct	*-5,497.91*	
		For Class 54 Rating, Add	*7,530.09*	
		For Class 55 Rating, Add	*11,211.64*	
		For Class 56 Rating, Add	*14,843.21*	
40 05 19 00-3079	EA	36" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	53,972.34	1,815.10
		For Class 52 Rating, Deduct	*-5,634.44*	
		For Class 54 Rating, Add	*7,716.33*	
		For Class 55 Rating, Add	*11,488.55*	
		For Class 56 Rating, Add	*15,209.55*	
40 05 19 00-3080	EA	36" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	55,218.53	1,818.37
		For Class 52 Rating, Deduct	*-5,770.98*	
		For Class 54 Rating, Add	*7,902.58*	
		For Class 55 Rating, Add	*11,765.47*	
		For Class 56 Rating, Add	*15,575.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3081	EA	36" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	56,464.73	1,821.64
		For Class 52 Rating, Deduct	*-5,907.51*	
		For Class 54 Rating, Add	*8,088.82*	
		For Class 55 Rating, Add	*12,042.38*	
		For Class 56 Rating, Add	*15,942.24*	

40 05 19 00-3082 Flanged End x Plain End (FxPE), Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2073)*

40 05 19 00-3083 4" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-3082)*

40 05 19 00-3084	EA	4" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	756.92	160.23
		For Class 52 Rating, Deduct	*-56.56*	
		For Class 54 Rating, Add	*80.03*	
		For Class 55 Rating, Add	*120.48*	
		For Class 56 Rating, Add	*160.41*	
40 05 19 00-3085	EA	4" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	876.75	163.04
		For Class 52 Rating, Deduct	*-69.27*	
		For Class 54 Rating, Add	*97.43*	
		For Class 55 Rating, Add	*146.36*	
		For Class 56 Rating, Add	*194.67*	
40 05 19 00-3086	EA	4" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	996.61	165.84
		For Class 52 Rating, Deduct	*-81.99*	
		For Class 54 Rating, Add	*114.82*	
		For Class 55 Rating, Add	*172.24*	
		For Class 56 Rating, Add	*228.92*	
40 05 19 00-3087	EA	4" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,116.45	168.63
		For Class 52 Rating, Deduct	*-94.70*	
		For Class 54 Rating, Add	*132.21*	
		For Class 55 Rating, Add	*198.12*	
		For Class 56 Rating, Add	*263.18*	
40 05 19 00-3088	EA	4" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,236.31	171.43
		For Class 52 Rating, Deduct	*-107.42*	
		For Class 54 Rating, Add	*149.60*	
		For Class 55 Rating, Add	*224.01*	
		For Class 56 Rating, Add	*297.44*	
40 05 19 00-3089	EA	4" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,356.15	174.24
		For Class 52 Rating, Deduct	*-120.14*	
		For Class 54 Rating, Add	*166.99*	
		For Class 55 Rating, Add	*249.89*	
		For Class 56 Rating, Add	*331.69*	
40 05 19 00-3090	EA	4" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,476.01	177.05
		For Class 52 Rating, Deduct	*-132.85*	
		For Class 54 Rating, Add	*184.38*	
		For Class 55 Rating, Add	*275.77*	
		For Class 56 Rating, Add	*365.95*	
40 05 19 00-3091	EA	4" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,595.86	179.84
		For Class 52 Rating, Deduct	*-145.57*	
		For Class 54 Rating, Add	*201.78*	
		For Class 55 Rating, Add	*301.65*	
		For Class 56 Rating, Add	*400.20*	
40 05 19 00-3092	EA	4" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,715.71	182.65
		For Class 52 Rating, Deduct	*-158.29*	
		For Class 54 Rating, Add	*219.17*	
		For Class 55 Rating, Add	*327.53*	
		For Class 56 Rating, Add	*434.46*	
40 05 19 00-3093	EA	4" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,835.55	185.45
		For Class 52 Rating, Deduct	*-171.00*	
		For Class 54 Rating, Add	*236.56*	
		For Class 55 Rating, Add	*353.41*	
		For Class 56 Rating, Add	*468.72*	
40 05 19 00-3094	EA	4" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,955.40	188.24
		For Class 52 Rating, Deduct	*-183.72*	
		For Class 54 Rating, Add	*253.95*	
		For Class 55 Rating, Add	*379.30*	
		For Class 56 Rating, Add	*502.97*	
40 05 19 00-3095	EA	4" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,075.25	191.05
		For Class 52 Rating, Deduct	*-196.44*	
		For Class 54 Rating, Add	*271.34*	
		For Class 55 Rating, Add	*405.18*	
		For Class 56 Rating, Add	*537.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3096	EA	4" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,195.10	193.85
		For Class 52 Rating, Deduct	*-209.15*	
		For Class 54 Rating, Add	*288.73*	
		For Class 55 Rating, Add	*431.06*	
		For Class 56 Rating, Add	*571.49*	
40 05 19 00-3097	EA	4" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,314.96	196.65
		For Class 52 Rating, Deduct	*-221.87*	
		For Class 54 Rating, Add	*306.13*	
		For Class 55 Rating, Add	*456.94*	
		For Class 56 Rating, Add	*605.74*	
40 05 19 00-3098	EA	4" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,434.81	199.45
		For Class 52 Rating, Deduct	*-234.59*	
		For Class 54 Rating, Add	*323.52*	
		For Class 55 Rating, Add	*482.82*	
		For Class 56 Rating, Add	*640.00*	
40 05 19 00-3099	EA	4" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,554.66	202.25
		For Class 52 Rating, Deduct	*-247.30*	
		For Class 54 Rating, Add	*340.91*	
		For Class 55 Rating, Add	*508.71*	
		For Class 56 Rating, Add	*674.26*	
40 05 19 00-3100	EA	4" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,674.51	205.05
		For Class 52 Rating, Deduct	*-260.02*	
		For Class 54 Rating, Add	*358.30*	
		For Class 55 Rating, Add	*534.59*	
		For Class 56 Rating, Add	*708.51*	
40 05 19 00-3101	EA	4" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,794.35	207.85
		For Class 52 Rating, Deduct	*-272.74*	
		For Class 54 Rating, Add	*375.69*	
		For Class 55 Rating, Add	*560.47*	
		For Class 56 Rating, Add	*742.77*	
40 05 19 00-3102	EA	4" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,914.20	210.66
		For Class 52 Rating, Deduct	*-285.45*	
		For Class 54 Rating, Add	*393.08*	
		For Class 55 Rating, Add	*586.35*	
		For Class 56 Rating, Add	*777.02*	
40 05 19 00-3103	EA	4" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,034.05	213.46
		For Class 52 Rating, Deduct	*-298.17*	
		For Class 54 Rating, Add	*410.48*	
		For Class 55 Rating, Add	*612.23*	
		For Class 56 Rating, Add	*811.28*	
40 05 19 00-3104	EA	4" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,153.90	216.27
		For Class 52 Rating, Deduct	*-310.89*	
		For Class 54 Rating, Add	*427.87*	
		For Class 55 Rating, Add	*638.12*	
		For Class 56 Rating, Add	*845.54*	
40 05 19 00-3105	EA	4" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,273.75	219.06
		For Class 52 Rating, Deduct	*-323.60*	
		For Class 54 Rating, Add	*445.26*	
		For Class 55 Rating, Add	*664.00*	
		For Class 56 Rating, Add	*879.79*	
40 05 19 00-3106	EA	4" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,393.60	221.86
		For Class 52 Rating, Deduct	*-336.32*	
		For Class 54 Rating, Add	*462.65*	
		For Class 55 Rating, Add	*689.88*	
		For Class 56 Rating, Add	*914.05*	
40 05 19 00-3107	EA	4" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,513.46	224.66
		For Class 52 Rating, Deduct	*-349.04*	
		For Class 54 Rating, Add	*480.04*	
		For Class 55 Rating, Add	*715.76*	
		For Class 56 Rating, Add	*948.31*	
40 05 19 00-3108	EA	4" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,931.43	227.46
		For Class 52 Rating, Deduct	*-394.55*	
		For Class 54 Rating, Add	*542.16*	
		For Class 55 Rating, Add	*808.13*	
		For Class 56 Rating, Add	*1,070.51*	
40 05 19 00-3109	EA	4" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,051.29	230.26
		For Class 52 Rating, Deduct	*-407.27*	
		For Class 54 Rating, Add	*559.55*	
		For Class 55 Rating, Add	*834.01*	
		For Class 56 Rating, Add	*1,104.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3110	EA	4" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,171.13	233.06
		For Class 52 Rating, Deduct	*-419.98*	
		For Class 54 Rating, Add	*576.94*	
		For Class 55 Rating, Add	*859.89*	
		For Class 56 Rating, Add	*1,139.03*	
40 05 19 00-3111	EA	4" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,290.99	235.87
		For Class 52 Rating, Deduct	*-432.70*	
		For Class 54 Rating, Add	*594.33*	
		For Class 55 Rating, Add	*885.77*	
		For Class 56 Rating, Add	*1,173.28*	
40 05 19 00-3112	EA	4" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,410.83	238.66
		For Class 52 Rating, Deduct	*-445.41*	
		For Class 54 Rating, Add	*611.72*	
		For Class 55 Rating, Add	*911.65*	
		For Class 56 Rating, Add	*1,207.54*	
40 05 19 00-3113	EA	4" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,530.69	241.47
		For Class 52 Rating, Deduct	*-458.13*	
		For Class 54 Rating, Add	*629.11*	
		For Class 55 Rating, Add	*937.54*	
		For Class 56 Rating, Add	*1,241.80*	
40 05 19 00-3114	EA	4" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,650.54	244.28
		For Class 52 Rating, Deduct	*-470.85*	
		For Class 54 Rating, Add	*646.51*	
		For Class 55 Rating, Add	*963.42*	
		For Class 56 Rating, Add	*1,276.05*	
40 05 19 00-3115	EA	4" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,770.39	247.08
		For Class 52 Rating, Deduct	*-483.56*	
		For Class 54 Rating, Add	*663.90*	
		For Class 55 Rating, Add	*989.30*	
		For Class 56 Rating, Add	*1,310.31*	
40 05 19 00-3116	EA	4" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,890.23	249.87
		For Class 52 Rating, Deduct	*-496.28*	
		For Class 54 Rating, Add	*681.29*	
		For Class 55 Rating, Add	*1,015.18*	
		For Class 56 Rating, Add	*1,344.56*	
40 05 19 00-3117	EA	4" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,010.08	252.68
		For Class 52 Rating, Deduct	*-509.00*	
		For Class 54 Rating, Add	*698.68*	
		For Class 55 Rating, Add	*1,041.06*	
		For Class 56 Rating, Add	*1,378.82*	
40 05 19 00-3118	EA	4" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,129.93	255.48
		For Class 52 Rating, Deduct	*-521.71*	
		For Class 54 Rating, Add	*716.07*	
		For Class 55 Rating, Add	*1,066.95*	
		For Class 56 Rating, Add	*1,413.08*	
40 05 19 00-3119	EA	4" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,249.78	258.27
		For Class 52 Rating, Deduct	*-534.43*	
		For Class 54 Rating, Add	*733.46*	
		For Class 55 Rating, Add	*1,092.83*	
		For Class 56 Rating, Add	*1,447.33*	
40 05 19 00-3120	EA	4" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,369.63	261.08
		For Class 52 Rating, Deduct	*-547.15*	
		For Class 54 Rating, Add	*750.86*	
		For Class 55 Rating, Add	*1,118.71*	
		For Class 56 Rating, Add	*1,481.59*	
40 05 19 00-3121	EA	4" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,489.49	263.88
		For Class 52 Rating, Deduct	*-559.86*	
		For Class 54 Rating, Add	*768.25*	
		For Class 55 Rating, Add	*1,144.59*	
		For Class 56 Rating, Add	*1,515.85*	
40 05 19 00-3122	EA	4" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,609.33	266.68
		For Class 52 Rating, Deduct	*-572.58*	
		For Class 54 Rating, Add	*785.64*	
		For Class 55 Rating, Add	*1,170.47*	
		For Class 56 Rating, Add	*1,550.10*	

40 05 19 00-3123 6" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-3082)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3124	EA	6" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	929.26	201.70
		For Class 52 Rating, Deduct	*-68.60*	
		For Class 54 Rating, Add	*97.22*	
		For Class 55 Rating, Add	*146.41*	
		For Class 56 Rating, Add	*194.98*	
40 05 19 00-3125	EA	6" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,067.36	204.50
		For Class 52 Rating, Deduct	*-83.33*	
		For Class 54 Rating, Add	*117.35*	
		For Class 55 Rating, Add	*176.36*	
		For Class 56 Rating, Add	*234.62*	
40 05 19 00-3126	EA	6" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,205.46	207.29
		For Class 52 Rating, Deduct	*-98.05*	
		For Class 54 Rating, Add	*137.48*	
		For Class 55 Rating, Add	*206.32*	
		For Class 56 Rating, Add	*274.26*	
40 05 19 00-3127	EA	6" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,343.55	210.10
		For Class 52 Rating, Deduct	*-112.78*	
		For Class 54 Rating, Add	*157.60*	
		For Class 55 Rating, Add	*236.27*	
		For Class 56 Rating, Add	*313.90*	
40 05 19 00-3128	EA	6" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,481.66	212.90
		For Class 52 Rating, Deduct	*-127.50*	
		For Class 54 Rating, Add	*177.73*	
		For Class 55 Rating, Add	*266.22*	
		For Class 56 Rating, Add	*353.54*	
40 05 19 00-3129	EA	6" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,619.76	215.69
		For Class 52 Rating, Deduct	*-142.22*	
		For Class 54 Rating, Add	*197.86*	
		For Class 55 Rating, Add	*296.17*	
		For Class 56 Rating, Add	*393.19*	
40 05 19 00-3130	EA	6" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,757.87	218.50
		For Class 52 Rating, Deduct	*-156.95*	
		For Class 54 Rating, Add	*217.99*	
		For Class 55 Rating, Add	*326.12*	
		For Class 56 Rating, Add	*432.83*	
40 05 19 00-3131	EA	6" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,895.98	221.30
		For Class 52 Rating, Deduct	*-171.67*	
		For Class 54 Rating, Add	*238.12*	
		For Class 55 Rating, Add	*356.08*	
		For Class 56 Rating, Add	*472.47*	
40 05 19 00-3132	EA	6" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,034.08	224.10
		For Class 52 Rating, Deduct	*-186.40*	
		For Class 54 Rating, Add	*258.25*	
		For Class 55 Rating, Add	*386.03*	
		For Class 56 Rating, Add	*512.11*	
40 05 19 00-3133	EA	6" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,172.19	226.89
		For Class 52 Rating, Deduct	*-201.12*	
		For Class 54 Rating, Add	*278.38*	
		For Class 55 Rating, Add	*415.98*	
		For Class 56 Rating, Add	*551.75*	
40 05 19 00-3134	EA	6" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,310.27	229.71
		For Class 52 Rating, Deduct	*-215.85*	
		For Class 54 Rating, Add	*298.51*	
		For Class 55 Rating, Add	*445.93*	
		For Class 56 Rating, Add	*591.39*	
40 05 19 00-3135	EA	6" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,448.38	232.51
		For Class 52 Rating, Deduct	*-230.57*	
		For Class 54 Rating, Add	*318.64*	
		For Class 55 Rating, Add	*475.89*	
		For Class 56 Rating, Add	*631.03*	
40 05 19 00-3136	EA	6" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,586.48	235.30
		For Class 52 Rating, Deduct	*-245.30*	
		For Class 54 Rating, Add	*338.77*	
		For Class 55 Rating, Add	*505.84*	
		For Class 56 Rating, Add	*670.67*	
40 05 19 00-3137	EA	6" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,724.59	238.11
		For Class 52 Rating, Deduct	*-260.02*	
		For Class 54 Rating, Add	*358.90*	
		For Class 55 Rating, Add	*535.79*	
		For Class 56 Rating, Add	*710.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3138	EA	6" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,862.70	240.91
		For Class 52 Rating, Deduct	*-274.74*	
		For Class 54 Rating, Add	*379.03*	
		For Class 55 Rating, Add	*565.74*	
		For Class 56 Rating, Add	*749.96*	
40 05 19 00-3139	EA	6" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,000.80	243.71
		For Class 52 Rating, Deduct	*-289.47*	
		For Class 54 Rating, Add	*399.16*	
		For Class 55 Rating, Add	*595.70*	
		For Class 56 Rating, Add	*789.60*	
40 05 19 00-3140	EA	6" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,138.91	246.51
		For Class 52 Rating, Deduct	*-304.19*	
		For Class 54 Rating, Add	*419.29*	
		For Class 55 Rating, Add	*625.65*	
		For Class 56 Rating, Add	*829.24*	
40 05 19 00-3141	EA	6" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,277.00	249.31
		For Class 52 Rating, Deduct	*-318.92*	
		For Class 54 Rating, Add	*439.42*	
		For Class 55 Rating, Add	*655.60*	
		For Class 56 Rating, Add	*868.88*	
40 05 19 00-3142	EA	6" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,415.10	252.11
		For Class 52 Rating, Deduct	*-333.64*	
		For Class 54 Rating, Add	*459.55*	
		For Class 55 Rating, Add	*685.55*	
		For Class 56 Rating, Add	*908.52*	
40 05 19 00-3143	EA	6" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,553.20	254.92
		For Class 52 Rating, Deduct	*-348.37*	
		For Class 54 Rating, Add	*479.68*	
		For Class 55 Rating, Add	*715.50*	
		For Class 56 Rating, Add	*948.16*	
40 05 19 00-3144	EA	6" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,691.31	257.71
		For Class 52 Rating, Deduct	*-363.09*	
		For Class 54 Rating, Add	*499.81*	
		For Class 55 Rating, Add	*745.46*	
		For Class 56 Rating, Add	*987.80*	
40 05 19 00-3145	EA	6" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,829.41	260.52
		For Class 52 Rating, Deduct	*-377.82*	
		For Class 54 Rating, Add	*519.94*	
		For Class 55 Rating, Add	*775.41*	
		For Class 56 Rating, Add	*1,027.44*	
40 05 19 00-3146	EA	6" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,967.52	263.33
		For Class 52 Rating, Deduct	*-392.54*	
		For Class 54 Rating, Add	*540.07*	
		For Class 55 Rating, Add	*805.36*	
		For Class 56 Rating, Add	*1,067.09*	
40 05 19 00-3147	EA	6" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,105.63	266.12
		For Class 52 Rating, Deduct	*-407.27*	
		For Class 54 Rating, Add	*560.20*	
		For Class 55 Rating, Add	*835.31*	
		For Class 56 Rating, Add	*1,106.73*	
40 05 19 00-3148	EA	6" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,243.72	268.92
		For Class 52 Rating, Deduct	*-421.99*	
		For Class 54 Rating, Add	*580.33*	
		For Class 55 Rating, Add	*865.27*	
		For Class 56 Rating, Add	*1,146.37*	
40 05 19 00-3149	EA	6" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,381.82	271.73
		For Class 52 Rating, Deduct	*-436.71*	
		For Class 54 Rating, Add	*600.46*	
		For Class 55 Rating, Add	*895.22*	
		For Class 56 Rating, Add	*1,186.01*	
40 05 19 00-3150	EA	6" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,519.92	274.53
		For Class 52 Rating, Deduct	*-451.44*	
		For Class 54 Rating, Add	*620.59*	
		For Class 55 Rating, Add	*925.17*	
		For Class 56 Rating, Add	*1,225.65*	
40 05 19 00-3151	EA	6" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,658.03	277.32
		For Class 52 Rating, Deduct	*-466.16*	
		For Class 54 Rating, Add	*640.72*	
		For Class 55 Rating, Add	*955.12*	
		For Class 56 Rating, Add	*1,265.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3152	EA	6" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,796.13	280.12
		For Class 52 Rating, Deduct	*-480.89*	
		For Class 54 Rating, Add	*660.85*	
		For Class 55 Rating, Add	*985.08*	
		For Class 56 Rating, Add	*1,304.93*	
40 05 19 00-3153	EA	6" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,934.24	282.93
		For Class 52 Rating, Deduct	*-495.61*	
		For Class 54 Rating, Add	*680.98*	
		For Class 55 Rating, Add	*1,015.03*	
		For Class 56 Rating, Add	*1,344.57*	
40 05 19 00-3154	EA	6" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,072.35	285.72
		For Class 52 Rating, Deduct	*-510.34*	
		For Class 54 Rating, Add	*701.11*	
		For Class 55 Rating, Add	*1,044.98*	
		For Class 56 Rating, Add	*1,384.21*	
40 05 19 00-3155	EA	6" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,210.44	288.53
		For Class 52 Rating, Deduct	*-525.06*	
		For Class 54 Rating, Add	*721.24*	
		For Class 55 Rating, Add	*1,074.93*	
		For Class 56 Rating, Add	*1,423.85*	
40 05 19 00-3156	EA	6" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,348.55	291.34
		For Class 52 Rating, Deduct	*-539.78*	
		For Class 54 Rating, Add	*741.37*	
		For Class 55 Rating, Add	*1,104.88*	
		For Class 56 Rating, Add	*1,463.49*	
40 05 19 00-3157	EA	6" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,486.64	294.14
		For Class 52 Rating, Deduct	*-554.51*	
		For Class 54 Rating, Add	*761.50*	
		For Class 55 Rating, Add	*1,134.84*	
		For Class 56 Rating, Add	*1,503.14*	
40 05 19 00-3158	EA	6" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,624.75	296.93
		For Class 52 Rating, Deduct	*-569.23*	
		For Class 54 Rating, Add	*781.63*	
		For Class 55 Rating, Add	*1,164.79*	
		For Class 56 Rating, Add	*1,542.78*	
40 05 19 00-3159	EA	6" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,762.85	299.74
		For Class 52 Rating, Deduct	*-583.96*	
		For Class 54 Rating, Add	*801.76*	
		For Class 55 Rating, Add	*1,194.74*	
		For Class 56 Rating, Add	*1,582.42*	
40 05 19 00-3160	EA	6" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,900.96	302.54
		For Class 52 Rating, Deduct	*-598.68*	
		For Class 54 Rating, Add	*821.89*	
		For Class 55 Rating, Add	*1,224.69*	
		For Class 56 Rating, Add	*1,622.06*	
40 05 19 00-3161	EA	6" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,039.07	305.33
		For Class 52 Rating, Deduct	*-613.41*	
		For Class 54 Rating, Add	*842.02*	
		For Class 55 Rating, Add	*1,254.65*	
		For Class 56 Rating, Add	*1,661.70*	
40 05 19 00-3162	EA	6" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,177.16	308.14
		For Class 52 Rating, Deduct	*-628.13*	
		For Class 54 Rating, Add	*862.14*	
		For Class 55 Rating, Add	*1,284.60*	
		For Class 56 Rating, Add	*1,701.34*	

40 05 19 00-3163 8" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-3082)*

40 05 19 00-3164	EA	8" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,269.69	257.71
		For Class 52 Rating, Deduct	*-96.71*	
		For Class 54 Rating, Add	*136.57*	
		For Class 55 Rating, Add	*205.44*	
		For Class 56 Rating, Add	*273.42*	
40 05 19 00-3165	EA	8" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,447.34	260.52
		For Class 52 Rating, Deduct	*-115.79*	
		For Class 54 Rating, Add	*162.63*	
		For Class 55 Rating, Add	*244.21*	
		For Class 56 Rating, Add	*324.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3166	EA	8" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,624.99	263.33
		For Class 52 Rating, Deduct	*-134.86*	
		For Class 54 Rating, Add	*188.69*	
		For Class 55 Rating, Add	*282.98*	
		For Class 56 Rating, Add	*376.04*	
40 05 19 00-3167	EA	8" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,802.65	266.12
		For Class 52 Rating, Deduct	*-153.94*	
		For Class 54 Rating, Add	*214.75*	
		For Class 55 Rating, Add	*321.75*	
		For Class 56 Rating, Add	*427.35*	
40 05 19 00-3168	EA	8" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,980.30	268.92
		For Class 52 Rating, Deduct	*-173.01*	
		For Class 54 Rating, Add	*240.82*	
		For Class 55 Rating, Add	*360.52*	
		For Class 56 Rating, Add	*478.66*	
40 05 19 00-3169	EA	8" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,157.95	271.73
		For Class 52 Rating, Deduct	*-192.09*	
		For Class 54 Rating, Add	*266.88*	
		For Class 55 Rating, Add	*399.29*	
		For Class 56 Rating, Add	*529.96*	
40 05 19 00-3170	EA	8" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,335.59	274.53
		For Class 52 Rating, Deduct	*-211.16*	
		For Class 54 Rating, Add	*292.94*	
		For Class 55 Rating, Add	*438.06*	
		For Class 56 Rating, Add	*581.27*	
40 05 19 00-3171	EA	8" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,513.25	277.32
		For Class 52 Rating, Deduct	*-230.24*	
		For Class 54 Rating, Add	*319.00*	
		For Class 55 Rating, Add	*476.84*	
		For Class 56 Rating, Add	*632.58*	
40 05 19 00-3172	EA	8" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,690.90	280.12
		For Class 52 Rating, Deduct	*-249.31*	
		For Class 54 Rating, Add	*345.06*	
		For Class 55 Rating, Add	*515.61*	
		For Class 56 Rating, Add	*683.89*	
40 05 19 00-3173	EA	8" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,868.56	282.93
		For Class 52 Rating, Deduct	*-268.39*	
		For Class 54 Rating, Add	*371.13*	
		For Class 55 Rating, Add	*554.38*	
		For Class 56 Rating, Add	*735.20*	
40 05 19 00-3174	EA	8" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,046.21	285.72
		For Class 52 Rating, Deduct	*-287.46*	
		For Class 54 Rating, Add	*397.19*	
		For Class 55 Rating, Add	*593.15*	
		For Class 56 Rating, Add	*786.50*	
40 05 19 00-3175	EA	8" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,223.86	288.53
		For Class 52 Rating, Deduct	*-306.54*	
		For Class 54 Rating, Add	*423.25*	
		For Class 55 Rating, Add	*631.92*	
		For Class 56 Rating, Add	*837.81*	
40 05 19 00-3176	EA	8" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,401.52	291.34
		For Class 52 Rating, Deduct	*-325.61*	
		For Class 54 Rating, Add	*449.31*	
		For Class 55 Rating, Add	*670.70*	
		For Class 56 Rating, Add	*889.12*	
40 05 19 00-3177	EA	8" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,579.16	294.14
		For Class 52 Rating, Deduct	*-344.69*	
		For Class 54 Rating, Add	*475.37*	
		For Class 55 Rating, Add	*709.47*	
		For Class 56 Rating, Add	*940.43*	
40 05 19 00-3178	EA	8" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,756.81	296.93
		For Class 52 Rating, Deduct	*-363.76*	
		For Class 54 Rating, Add	*501.44*	
		For Class 55 Rating, Add	*748.24*	
		For Class 56 Rating, Add	*991.73*	
40 05 19 00-3179	EA	8" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,934.46	299.74
		For Class 52 Rating, Deduct	*-382.84*	
		For Class 54 Rating, Add	*527.50*	
		For Class 55 Rating, Add	*787.01*	
		For Class 56 Rating, Add	*1,043.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3180	EA	8" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,112.12	302.54
		For Class 52 Rating, Deduct	*-401.91*	
		For Class 54 Rating, Add	*553.56*	
		For Class 55 Rating, Add	*825.78*	
		For Class 56 Rating, Add	*1,094.35*	
40 05 19 00-3181	EA	8" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,289.78	305.33
		For Class 52 Rating, Deduct	*-420.99*	
		For Class 54 Rating, Add	*579.62*	
		For Class 55 Rating, Add	*864.56*	
		For Class 56 Rating, Add	*1,145.66*	
40 05 19 00-3182	EA	8" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,467.43	308.14
		For Class 52 Rating, Deduct	*-440.06*	
		For Class 54 Rating, Add	*605.69*	
		For Class 55 Rating, Add	*903.33*	
		For Class 56 Rating, Add	*1,196.97*	
40 05 19 00-3183	EA	8" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,645.08	310.94
		For Class 52 Rating, Deduct	*-459.13*	
		For Class 54 Rating, Add	*631.75*	
		For Class 55 Rating, Add	*942.10*	
		For Class 56 Rating, Add	*1,248.28*	
40 05 19 00-3184	EA	8" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,822.73	313.74
		For Class 52 Rating, Deduct	*-478.21*	
		For Class 54 Rating, Add	*657.81*	
		For Class 55 Rating, Add	*980.87*	
		For Class 56 Rating, Add	*1,299.58*	
40 05 19 00-3185	EA	8" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,000.38	316.54
		For Class 52 Rating, Deduct	*-497.28*	
		For Class 54 Rating, Add	*683.87*	
		For Class 55 Rating, Add	*1,019.64*	
		For Class 56 Rating, Add	*1,350.89*	
40 05 19 00-3186	EA	8" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,178.03	319.35
		For Class 52 Rating, Deduct	*-516.36*	
		For Class 54 Rating, Add	*709.93*	
		For Class 55 Rating, Add	*1,058.41*	
		For Class 56 Rating, Add	*1,402.20*	
40 05 19 00-3187	EA	8" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,355.68	322.15
		For Class 52 Rating, Deduct	*-535.43*	
		For Class 54 Rating, Add	*735.99*	
		For Class 55 Rating, Add	*1,097.18*	
		For Class 56 Rating, Add	*1,453.51*	
40 05 19 00-3188	EA	8" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,533.33	324.96
		For Class 52 Rating, Deduct	*-554.51*	
		For Class 54 Rating, Add	*762.06*	
		For Class 55 Rating, Add	*1,135.96*	
		For Class 56 Rating, Add	*1,504.82*	
40 05 19 00-3189	EA	8" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,710.99	327.75
		For Class 52 Rating, Deduct	*-573.58*	
		For Class 54 Rating, Add	*788.12*	
		For Class 55 Rating, Add	*1,174.73*	
		For Class 56 Rating, Add	*1,556.13*	
40 05 19 00-3190	EA	8" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,888.65	330.55
		For Class 52 Rating, Deduct	*-592.66*	
		For Class 54 Rating, Add	*814.18*	
		For Class 55 Rating, Add	*1,213.50*	
		For Class 56 Rating, Add	*1,607.43*	
40 05 19 00-3191	EA	8" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,066.29	333.36
		For Class 52 Rating, Deduct	*-611.73*	
		For Class 54 Rating, Add	*840.24*	
		For Class 55 Rating, Add	*1,252.27*	
		For Class 56 Rating, Add	*1,658.74*	
40 05 19 00-3192	EA	8" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,243.95	336.15
		For Class 52 Rating, Deduct	*-630.81*	
		For Class 54 Rating, Add	*866.30*	
		For Class 55 Rating, Add	*1,291.04*	
		For Class 56 Rating, Add	*1,710.05*	
40 05 19 00-3193	EA	8" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,421.59	338.95
		For Class 52 Rating, Deduct	*-649.88*	
		For Class 54 Rating, Add	*892.37*	
		For Class 55 Rating, Add	*1,329.82*	
		For Class 56 Rating, Add	*1,761.36*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3194		EA	8" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,599.25	341.75
			For Class 52 Rating, Deduct	*-668.96*	
			For Class 54 Rating, Add	*918.43*	
			For Class 55 Rating, Add	*1,368.59*	
			For Class 56 Rating, Add	*1,812.67*	
40 05 19 00-3195		EA	8" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,776.90	344.56
			For Class 52 Rating, Deduct	*-688.03*	
			For Class 54 Rating, Add	*944.49*	
			For Class 55 Rating, Add	*1,407.36*	
			For Class 56 Rating, Add	*1,863.97*	
40 05 19 00-3196		EA	8" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,954.55	347.35
			For Class 52 Rating, Deduct	*-707.11*	
			For Class 54 Rating, Add	*970.55*	
			For Class 55 Rating, Add	*1,446.13*	
			For Class 56 Rating, Add	*1,915.28*	
40 05 19 00-3197		EA	8" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,132.21	350.16
			For Class 52 Rating, Deduct	*-726.18*	
			For Class 54 Rating, Add	*996.62*	
			For Class 55 Rating, Add	*1,484.90*	
			For Class 56 Rating, Add	*1,966.59*	
40 05 19 00-3198		EA	8" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,309.86	352.97
			For Class 52 Rating, Deduct	*-745.26*	
			For Class 54 Rating, Add	*1,022.68*	
			For Class 55 Rating, Add	*1,523.68*	
			For Class 56 Rating, Add	*2,017.90*	
40 05 19 00-3199		EA	8" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,487.52	355.76
			For Class 52 Rating, Deduct	*-764.33*	
			For Class 54 Rating, Add	*1,048.74*	
			For Class 55 Rating, Add	*1,562.45*	
			For Class 56 Rating, Add	*2,069.21*	
40 05 19 00-3200		EA	8" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,665.16	358.56
			For Class 52 Rating, Deduct	*-783.41*	
			For Class 54 Rating, Add	*1,074.80*	
			For Class 55 Rating, Add	*1,601.22*	
			For Class 56 Rating, Add	*2,120.51*	
40 05 19 00-3201		EA	8" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,842.81	361.37
			For Class 52 Rating, Deduct	*-802.48*	
			For Class 54 Rating, Add	*1,100.86*	
			For Class 55 Rating, Add	*1,639.99*	
			For Class 56 Rating, Add	*2,171.82*	
40 05 19 00-3202		EA	8" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,020.46	364.17
			For Class 52 Rating, Deduct	*-821.56*	
			For Class 54 Rating, Add	*1,126.93*	
			For Class 55 Rating, Add	*1,678.76*	
			For Class 56 Rating, Add	*2,223.13*	

40 05 19 00-3203 10" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-3082)*

40 05 19 00-3204		EA	10" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,604.04	313.74
			For Class 52 Rating, Deduct	*-124.15*	
			For Class 54 Rating, Add	*175.00*	
			For Class 55 Rating, Add	*263.10*	
			For Class 56 Rating, Add	*350.07*	
40 05 19 00-3205		EA	10" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,833.41	316.54
			For Class 52 Rating, Deduct	*-148.92*	
			For Class 54 Rating, Add	*208.83*	
			For Class 55 Rating, Add	*313.41*	
			For Class 56 Rating, Add	*416.64*	
40 05 19 00-3206		EA	10" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,062.77	319.35
			For Class 52 Rating, Deduct	*-173.68*	
			For Class 54 Rating, Add	*242.64*	
			For Class 55 Rating, Add	*363.71*	
			For Class 56 Rating, Add	*483.20*	
40 05 19 00-3207		EA	10" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,292.15	322.15
			For Class 52 Rating, Deduct	*-198.45*	
			For Class 54 Rating, Add	*276.46*	
			For Class 55 Rating, Add	*414.02*	
			For Class 56 Rating, Add	*549.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3208	EA	10" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,521.51	324.96
		For Class 52 Rating, Deduct	*-223.21*	
		For Class 54 Rating, Add	*310.28*	
		For Class 55 Rating, Add	*464.32*	
		For Class 56 Rating, Add	*616.33*	
40 05 19 00-3209	EA	10" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,750.89	327.75
		For Class 52 Rating, Deduct	*-247.97*	
		For Class 54 Rating, Add	*344.10*	
		For Class 55 Rating, Add	*514.63*	
		For Class 56 Rating, Add	*682.90*	
40 05 19 00-3210	EA	10" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,980.27	330.55
		For Class 52 Rating, Deduct	*-272.74*	
		For Class 54 Rating, Add	*377.92*	
		For Class 55 Rating, Add	*564.93*	
		For Class 56 Rating, Add	*749.46*	
40 05 19 00-3211	EA	10" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,209.63	333.36
		For Class 52 Rating, Deduct	*-297.50*	
		For Class 54 Rating, Add	*411.74*	
		For Class 55 Rating, Add	*615.24*	
		For Class 56 Rating, Add	*816.03*	
40 05 19 00-3212	EA	10" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,439.01	336.15
		For Class 52 Rating, Deduct	*-322.26*	
		For Class 54 Rating, Add	*445.56*	
		For Class 55 Rating, Add	*665.54*	
		For Class 56 Rating, Add	*882.59*	
40 05 19 00-3213	EA	10" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,668.36	338.95
		For Class 52 Rating, Deduct	*-347.03*	
		For Class 54 Rating, Add	*479.38*	
		For Class 55 Rating, Add	*715.85*	
		For Class 56 Rating, Add	*949.15*	
40 05 19 00-3214	EA	10" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,897.74	341.75
		For Class 52 Rating, Deduct	*-371.79*	
		For Class 54 Rating, Add	*513.20*	
		For Class 55 Rating, Add	*766.15*	
		For Class 56 Rating, Add	*1,015.72*	
40 05 19 00-3215	EA	10" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,127.10	344.56
		For Class 52 Rating, Deduct	*-396.56*	
		For Class 54 Rating, Add	*547.02*	
		For Class 55 Rating, Add	*816.46*	
		For Class 56 Rating, Add	*1,082.28*	
40 05 19 00-3216	EA	10" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,356.48	347.35
		For Class 52 Rating, Deduct	*-421.32*	
		For Class 54 Rating, Add	*580.84*	
		For Class 55 Rating, Add	*866.76*	
		For Class 56 Rating, Add	*1,148.85*	
40 05 19 00-3217	EA	10" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,585.86	350.16
		For Class 52 Rating, Deduct	*-446.08*	
		For Class 54 Rating, Add	*614.66*	
		For Class 55 Rating, Add	*917.07*	
		For Class 56 Rating, Add	*1,215.42*	
40 05 19 00-3218	EA	10" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,815.22	352.97
		For Class 52 Rating, Deduct	*-470.85*	
		For Class 54 Rating, Add	*648.48*	
		For Class 55 Rating, Add	*967.37*	
		For Class 56 Rating, Add	*1,281.98*	
40 05 19 00-3219	EA	10" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,044.60	355.76
		For Class 52 Rating, Deduct	*-495.61*	
		For Class 54 Rating, Add	*682.30*	
		For Class 55 Rating, Add	*1,017.68*	
		For Class 56 Rating, Add	*1,348.55*	
40 05 19 00-3220	EA	10" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,273.96	358.56
		For Class 52 Rating, Deduct	*-520.37*	
		For Class 54 Rating, Add	*716.12*	
		For Class 55 Rating, Add	*1,067.98*	
		For Class 56 Rating, Add	*1,415.11*	
40 05 19 00-3221	EA	10" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,503.33	361.37
		For Class 52 Rating, Deduct	*-545.14*	
		For Class 54 Rating, Add	*749.94*	
		For Class 55 Rating, Add	*1,118.29*	
		For Class 56 Rating, Add	*1,481.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3222	EA	10" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,732.69	364.17
		For Class 52 Rating, Deduct	*-569.90*	
		For Class 54 Rating, Add	*783.76*	
		For Class 55 Rating, Add	*1,168.59*	
		For Class 56 Rating, Add	*1,548.24*	
40 05 19 00-3223	EA	10" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,962.07	366.96
		For Class 52 Rating, Deduct	*-594.67*	
		For Class 54 Rating, Add	*817.58*	
		For Class 55 Rating, Add	*1,218.90*	
		For Class 56 Rating, Add	*1,614.80*	
40 05 19 00-3224	EA	10" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,191.44	369.77
		For Class 52 Rating, Deduct	*-619.43*	
		For Class 54 Rating, Add	*851.40*	
		For Class 55 Rating, Add	*1,269.20*	
		For Class 56 Rating, Add	*1,681.37*	
40 05 19 00-3225	EA	10" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,420.81	372.57
		For Class 52 Rating, Deduct	*-644.19*	
		For Class 54 Rating, Add	*885.22*	
		For Class 55 Rating, Add	*1,319.51*	
		For Class 56 Rating, Add	*1,747.93*	
40 05 19 00-3226	EA	10" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,650.19	375.36
		For Class 52 Rating, Deduct	*-668.96*	
		For Class 54 Rating, Add	*919.04*	
		For Class 55 Rating, Add	*1,369.81*	
		For Class 56 Rating, Add	*1,814.50*	
40 05 19 00-3227	EA	10" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,879.55	378.16
		For Class 52 Rating, Deduct	*-693.72*	
		For Class 54 Rating, Add	*952.86*	
		For Class 55 Rating, Add	*1,420.11*	
		For Class 56 Rating, Add	*1,881.06*	
40 05 19 00-3228	EA	10" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,108.92	380.98
		For Class 52 Rating, Deduct	*-718.49*	
		For Class 54 Rating, Add	*986.68*	
		For Class 55 Rating, Add	*1,470.42*	
		For Class 56 Rating, Add	*1,947.63*	
40 05 19 00-3229	EA	10" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,338.29	383.78
		For Class 52 Rating, Deduct	*-743.25*	
		For Class 54 Rating, Add	*1,020.50*	
		For Class 55 Rating, Add	*1,520.73*	
		For Class 56 Rating, Add	*2,014.19*	
40 05 19 00-3230	EA	10" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,567.66	386.57
		For Class 52 Rating, Deduct	*-768.01*	
		For Class 54 Rating, Add	*1,054.32*	
		For Class 55 Rating, Add	*1,571.03*	
		For Class 56 Rating, Add	*2,080.76*	
40 05 19 00-3231	EA	10" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,797.03	389.38
		For Class 52 Rating, Deduct	*-792.78*	
		For Class 54 Rating, Add	*1,088.14*	
		For Class 55 Rating, Add	*1,621.34*	
		For Class 56 Rating, Add	*2,147.32*	
40 05 19 00-3232	EA	10" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,026.40	392.18
		For Class 52 Rating, Deduct	*-817.54*	
		For Class 54 Rating, Add	*1,121.96*	
		For Class 55 Rating, Add	*1,671.64*	
		For Class 56 Rating, Add	*2,213.89*	
40 05 19 00-3233	EA	10" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,255.78	394.98
		For Class 52 Rating, Deduct	*-842.31*	
		For Class 54 Rating, Add	*1,155.78*	
		For Class 55 Rating, Add	*1,721.95*	
		For Class 56 Rating, Add	*2,280.45*	
40 05 19 00-3234	EA	10" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,485.14	397.78
		For Class 52 Rating, Deduct	*-867.07*	
		For Class 54 Rating, Add	*1,189.60*	
		For Class 55 Rating, Add	*1,772.25*	
		For Class 56 Rating, Add	*2,347.02*	
40 05 19 00-3235	EA	10" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,714.52	400.58
		For Class 52 Rating, Deduct	*-891.83*	
		For Class 54 Rating, Add	*1,223.42*	
		For Class 55 Rating, Add	*1,822.55*	
		For Class 56 Rating, Add	*2,413.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3236	EA	10" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,943.88	403.38
		For Class 52 Rating, Deduct	*-916.60*	
		For Class 54 Rating, Add	*1,257.24*	
		For Class 55 Rating, Add	*1,872.86*	
		For Class 56 Rating, Add	*2,480.15*	
40 05 19 00-3237	EA	10" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,173.25	406.18
		For Class 52 Rating, Deduct	*-941.36*	
		For Class 54 Rating, Add	*1,291.06*	
		For Class 55 Rating, Add	*1,923.16*	
		For Class 56 Rating, Add	*2,546.71*	
40 05 19 00-3238	EA	10" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,402.62	408.98
		For Class 52 Rating, Deduct	*-966.12*	
		For Class 54 Rating, Add	*1,324.88*	
		For Class 55 Rating, Add	*1,973.47*	
		For Class 56 Rating, Add	*2,613.28*	
40 05 19 00-3239	EA	10" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,631.99	411.79
		For Class 52 Rating, Deduct	*-990.89*	
		For Class 54 Rating, Add	*1,358.70*	
		For Class 55 Rating, Add	*2,023.77*	
		For Class 56 Rating, Add	*2,679.84*	
40 05 19 00-3240	EA	10" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,861.37	414.60
		For Class 52 Rating, Deduct	*-1,015.65*	
		For Class 54 Rating, Add	*1,392.52*	
		For Class 55 Rating, Add	*2,074.08*	
		For Class 56 Rating, Add	*2,746.41*	
40 05 19 00-3241	EA	10" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,090.73	417.39
		For Class 52 Rating, Deduct	*-1,040.42*	
		For Class 54 Rating, Add	*1,426.34*	
		For Class 55 Rating, Add	*2,124.38*	
		For Class 56 Rating, Add	*2,812.97*	
40 05 19 00-3242	EA	10" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,320.11	420.19
		For Class 52 Rating, Deduct	*-1,065.18*	
		For Class 54 Rating, Add	*1,460.16*	
		For Class 55 Rating, Add	*2,174.69*	
		For Class 56 Rating, Add	*2,879.54*	

40 05 19 00-3243 12" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-3082)*

40 05 19 00-3244	EA	12" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,084.91	392.18
		For Class 52 Rating, Deduct	*-163.98*	
		For Class 54 Rating, Add	*230.74*	
		For Class 55 Rating, Add	*346.69*	
		For Class 56 Rating, Add	*461.15*	
40 05 19 00-3245	EA	12" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,369.04	394.98
		For Class 52 Rating, Deduct	*-194.76*	
		For Class 54 Rating, Add	*272.77*	
		For Class 55 Rating, Add	*409.20*	
		For Class 56 Rating, Add	*543.87*	
40 05 19 00-3246	EA	12" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,653.17	397.78
		For Class 52 Rating, Deduct	*-225.55*	
		For Class 54 Rating, Add	*314.80*	
		For Class 55 Rating, Add	*471.72*	
		For Class 56 Rating, Add	*626.59*	
40 05 19 00-3247	EA	12" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,937.31	400.58
		For Class 52 Rating, Deduct	*-256.34*	
		For Class 54 Rating, Add	*356.84*	
		For Class 55 Rating, Add	*534.24*	
		For Class 56 Rating, Add	*709.31*	
40 05 19 00-3248	EA	12" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,221.42	403.38
		For Class 52 Rating, Deduct	*-287.13*	
		For Class 54 Rating, Add	*398.87*	
		For Class 55 Rating, Add	*596.75*	
		For Class 56 Rating, Add	*792.02*	
40 05 19 00-3249	EA	12" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,505.56	406.18
		For Class 52 Rating, Deduct	*-317.91*	
		For Class 54 Rating, Add	*440.90*	
		For Class 55 Rating, Add	*659.27*	
		For Class 56 Rating, Add	*874.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3250	EA	12" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,789.68	408.98
		For Class 52 Rating, Deduct	*-348.70*	
		For Class 54 Rating, Add	*482.94*	
		For Class 55 Rating, Add	*721.78*	
		For Class 56 Rating, Add	*957.46*	
40 05 19 00-3251	EA	12" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,073.82	411.79
		For Class 52 Rating, Deduct	*-379.49*	
		For Class 54 Rating, Add	*524.97*	
		For Class 55 Rating, Add	*784.30*	
		For Class 56 Rating, Add	*1,040.18*	
40 05 19 00-3252	EA	12" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,357.96	414.60
		For Class 52 Rating, Deduct	*-410.28*	
		For Class 54 Rating, Add	*567.01*	
		For Class 55 Rating, Add	*846.82*	
		For Class 56 Rating, Add	*1,122.90*	
40 05 19 00-3253	EA	12" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,642.08	417.39
		For Class 52 Rating, Deduct	*-441.06*	
		For Class 54 Rating, Add	*609.04*	
		For Class 55 Rating, Add	*909.33*	
		For Class 56 Rating, Add	*1,205.62*	
40 05 19 00-3254	EA	12" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,926.22	420.19
		For Class 52 Rating, Deduct	*-471.85*	
		For Class 54 Rating, Add	*651.07*	
		For Class 55 Rating, Add	*971.85*	
		For Class 56 Rating, Add	*1,288.34*	
40 05 19 00-3255	EA	12" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,210.34	423.00
		For Class 52 Rating, Deduct	*-502.64*	
		For Class 54 Rating, Add	*693.11*	
		For Class 55 Rating, Add	*1,034.37*	
		For Class 56 Rating, Add	*1,371.06*	
40 05 19 00-3256	EA	12" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,494.47	425.79
		For Class 52 Rating, Deduct	*-533.43*	
		For Class 54 Rating, Add	*735.14*	
		For Class 55 Rating, Add	*1,096.88*	
		For Class 56 Rating, Add	*1,453.78*	
40 05 19 00-3257	EA	12" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,778.60	428.59
		For Class 52 Rating, Deduct	*-564.21*	
		For Class 54 Rating, Add	*777.18*	
		For Class 55 Rating, Add	*1,159.40*	
		For Class 56 Rating, Add	*1,536.50*	
40 05 19 00-3258	EA	12" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,062.73	431.40
		For Class 52 Rating, Deduct	*-595.00*	
		For Class 54 Rating, Add	*819.21*	
		For Class 55 Rating, Add	*1,221.92*	
		For Class 56 Rating, Add	*1,619.22*	
40 05 19 00-3259	EA	12" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,346.86	434.20
		For Class 52 Rating, Deduct	*-625.79*	
		For Class 54 Rating, Add	*861.24*	
		For Class 55 Rating, Add	*1,284.43*	
		For Class 56 Rating, Add	*1,701.94*	
40 05 19 00-3260	EA	12" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,630.99	436.99
		For Class 52 Rating, Deduct	*-656.58*	
		For Class 54 Rating, Add	*903.28*	
		For Class 55 Rating, Add	*1,346.95*	
		For Class 56 Rating, Add	*1,784.65*	
40 05 19 00-3261	EA	12" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,915.13	439.80
		For Class 52 Rating, Deduct	*-687.36*	
		For Class 54 Rating, Add	*945.31*	
		For Class 55 Rating, Add	*1,409.47*	
		For Class 56 Rating, Add	*1,867.37*	
40 05 19 00-3262	EA	12" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,199.26	442.61
		For Class 52 Rating, Deduct	*-718.15*	
		For Class 54 Rating, Add	*987.34*	
		For Class 55 Rating, Add	*1,471.98*	
		For Class 56 Rating, Add	*1,950.09*	
40 05 19 00-3263	EA	12" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,483.39	445.40
		For Class 52 Rating, Deduct	*-748.94*	
		For Class 54 Rating, Add	*1,029.38*	
		For Class 55 Rating, Add	*1,534.50*	
		For Class 56 Rating, Add	*2,032.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3264	EA	12" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,767.51	448.20
		For Class 52 Rating, Deduct	*-779.73*	
		For Class 54 Rating, Add	*1,071.41*	
		For Class 55 Rating, Add	*1,597.02*	
		For Class 56 Rating, Add	*2,115.53*	
40 05 19 00-3265	EA	12" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,051.65	451.01
		For Class 52 Rating, Deduct	*-810.51*	
		For Class 54 Rating, Add	*1,113.45*	
		For Class 55 Rating, Add	*1,659.53*	
		For Class 56 Rating, Add	*2,198.25*	
40 05 19 00-3266	EA	12" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,335.77	453.81
		For Class 52 Rating, Deduct	*-841.30*	
		For Class 54 Rating, Add	*1,155.48*	
		For Class 55 Rating, Add	*1,722.05*	
		For Class 56 Rating, Add	*2,280.97*	
40 05 19 00-3267	EA	12" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,619.91	456.60
		For Class 52 Rating, Deduct	*-872.09*	
		For Class 54 Rating, Add	*1,197.51*	
		For Class 55 Rating, Add	*1,784.57*	
		For Class 56 Rating, Add	*2,363.69*	
40 05 19 00-3268	EA	12" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,904.04	459.41
		For Class 52 Rating, Deduct	*-902.88*	
		For Class 54 Rating, Add	*1,239.55*	
		For Class 55 Rating, Add	*1,847.08*	
		For Class 56 Rating, Add	*2,446.41*	
40 05 19 00-3269	EA	12" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,188.17	462.21
		For Class 52 Rating, Deduct	*-933.66*	
		For Class 54 Rating, Add	*1,281.58*	
		For Class 55 Rating, Add	*1,909.60*	
		For Class 56 Rating, Add	*2,529.13*	
40 05 19 00-3270	EA	12" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,472.31	465.01
		For Class 52 Rating, Deduct	*-964.45*	
		For Class 54 Rating, Add	*1,323.62*	
		For Class 55 Rating, Add	*1,972.12*	
		For Class 56 Rating, Add	*2,611.85*	
40 05 19 00-3271	EA	12" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,756.42	467.81
		For Class 52 Rating, Deduct	*-995.24*	
		For Class 54 Rating, Add	*1,365.65*	
		For Class 55 Rating, Add	*2,034.63*	
		For Class 56 Rating, Add	*2,694.56*	
40 05 19 00-3272	EA	12" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,040.56	470.62
		For Class 52 Rating, Deduct	*-1,026.03*	
		For Class 54 Rating, Add	*1,407.68*	
		For Class 55 Rating, Add	*2,097.15*	
		For Class 56 Rating, Add	*2,777.29*	
40 05 19 00-3273	EA	12" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,324.68	473.42
		For Class 52 Rating, Deduct	*-1,056.81*	
		For Class 54 Rating, Add	*1,449.72*	
		For Class 55 Rating, Add	*2,159.66*	
		For Class 56 Rating, Add	*2,860.00*	
40 05 19 00-3274	EA	12" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,608.82	476.21
		For Class 52 Rating, Deduct	*-1,087.60*	
		For Class 54 Rating, Add	*1,491.75*	
		For Class 55 Rating, Add	*2,222.18*	
		For Class 56 Rating, Add	*2,942.72*	
40 05 19 00-3275	EA	12" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,892.95	479.02
		For Class 52 Rating, Deduct	*-1,118.39*	
		For Class 54 Rating, Add	*1,533.78*	
		For Class 55 Rating, Add	*2,284.70*	
		For Class 56 Rating, Add	*3,025.44*	
40 05 19 00-3276	EA	12" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,177.08	481.82
		For Class 52 Rating, Deduct	*-1,149.18*	
		For Class 54 Rating, Add	*1,575.82*	
		For Class 55 Rating, Add	*2,347.21*	
		For Class 56 Rating, Add	*3,108.16*	
40 05 19 00-3277	EA	12" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,461.22	484.63
		For Class 52 Rating, Deduct	*-1,179.96*	
		For Class 54 Rating, Add	*1,617.85*	
		For Class 55 Rating, Add	*2,409.73*	
		For Class 56 Rating, Add	*3,190.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3278	EA	12" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,745.34	487.42
		For Class 52 Rating, Deduct	*-1,210.75*	
		For Class 54 Rating, Add	*1,659.89*	
		For Class 55 Rating, Add	*2,472.25*	
		For Class 56 Rating, Add	*3,273.60*	
40 05 19 00-3279	EA	12" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,029.47	490.22
		For Class 52 Rating, Deduct	*-1,241.54*	
		For Class 54 Rating, Add	*1,701.92*	
		For Class 55 Rating, Add	*2,534.76*	
		For Class 56 Rating, Add	*3,356.32*	
40 05 19 00-3280	EA	12" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,313.60	493.02
		For Class 52 Rating, Deduct	*-1,272.33*	
		For Class 54 Rating, Add	*1,743.95*	
		For Class 55 Rating, Add	*2,597.28*	
		For Class 56 Rating, Add	*3,439.04*	
40 05 19 00-3281	EA	12" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,597.73	495.82
		For Class 52 Rating, Deduct	*-1,303.11*	
		For Class 54 Rating, Add	*1,785.99*	
		For Class 55 Rating, Add	*2,659.80*	
		For Class 56 Rating, Add	*3,521.76*	
40 05 19 00-3282	EA	12" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,881.86	498.62
		For Class 52 Rating, Deduct	*-1,333.90*	
		For Class 54 Rating, Add	*1,828.02*	
		For Class 55 Rating, Add	*2,722.31*	
		For Class 56 Rating, Add	*3,604.48*	

40 05 19 00-3283 14" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-3082)*

40 05 19 00-3284	EA	14" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,815.24	470.62
		For Class 52 Rating, Deduct	*-231.24*	
		For Class 54 Rating, Add	*323.89*	
		For Class 55 Rating, Add	*485.90*	
		For Class 56 Rating, Add	*645.82*	
40 05 19 00-3285	EA	14" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,160.21	473.42
		For Class 52 Rating, Deduct	*-268.72*	
		For Class 54 Rating, Add	*375.05*	
		For Class 55 Rating, Add	*561.99*	
		For Class 56 Rating, Add	*746.48*	
40 05 19 00-3286	EA	14" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,505.19	476.21
		For Class 52 Rating, Deduct	*-306.20*	
		For Class 54 Rating, Add	*426.21*	
		For Class 55 Rating, Add	*638.07*	
		For Class 56 Rating, Add	*847.15*	
40 05 19 00-3287	EA	14" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,850.16	479.02
		For Class 52 Rating, Deduct	*-343.68*	
		For Class 54 Rating, Add	*477.37*	
		For Class 55 Rating, Add	*714.16*	
		For Class 56 Rating, Add	*947.82*	
40 05 19 00-3288	EA	14" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,195.14	481.82
		For Class 52 Rating, Deduct	*-381.16*	
		For Class 54 Rating, Add	*528.53*	
		For Class 55 Rating, Add	*790.24*	
		For Class 56 Rating, Add	*1,048.49*	
40 05 19 00-3289	EA	14" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,540.12	484.63
		For Class 52 Rating, Deduct	*-418.64*	
		For Class 54 Rating, Add	*579.69*	
		For Class 55 Rating, Add	*866.33*	
		For Class 56 Rating, Add	*1,149.16*	
40 05 19 00-3290	EA	14" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,885.09	487.42
		For Class 52 Rating, Deduct	*-456.12*	
		For Class 54 Rating, Add	*630.85*	
		For Class 55 Rating, Add	*942.41*	
		For Class 56 Rating, Add	*1,249.82*	
40 05 19 00-3291	EA	14" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,230.06	490.22
		For Class 52 Rating, Deduct	*-493.60*	
		For Class 54 Rating, Add	*682.01*	
		For Class 55 Rating, Add	*1,018.49*	
		For Class 56 Rating, Add	*1,350.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3292	EA	14" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,575.03	493.02
		For Class 52 Rating, Deduct	*-531.08*	
		For Class 54 Rating, Add	*733.17*	
		For Class 55 Rating, Add	*1,094.58*	
		For Class 56 Rating, Add	*1,451.16*	
40 05 19 00-3293	EA	14" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,920.02	495.82
		For Class 52 Rating, Deduct	*-568.56*	
		For Class 54 Rating, Add	*784.33*	
		For Class 55 Rating, Add	*1,170.67*	
		For Class 56 Rating, Add	*1,551.83*	
40 05 19 00-3294	EA	14" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,264.99	498.62
		For Class 52 Rating, Deduct	*-606.05*	
		For Class 54 Rating, Add	*835.49*	
		For Class 55 Rating, Add	*1,246.75*	
		For Class 56 Rating, Add	*1,652.50*	
40 05 19 00-3295	EA	14" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,609.97	501.43
		For Class 52 Rating, Deduct	*-643.53*	
		For Class 54 Rating, Add	*886.65*	
		For Class 55 Rating, Add	*1,322.84*	
		For Class 56 Rating, Add	*1,753.17*	
40 05 19 00-3296	EA	14" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,954.95	504.24
		For Class 52 Rating, Deduct	*-681.01*	
		For Class 54 Rating, Add	*937.81*	
		For Class 55 Rating, Add	*1,398.92*	
		For Class 56 Rating, Add	*1,853.84*	
40 05 19 00-3297	EA	14" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,299.92	507.03
		For Class 52 Rating, Deduct	*-718.49*	
		For Class 54 Rating, Add	*988.97*	
		For Class 55 Rating, Add	*1,475.00*	
		For Class 56 Rating, Add	*1,954.50*	
40 05 19 00-3298	EA	14" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,644.90	509.83
		For Class 52 Rating, Deduct	*-755.97*	
		For Class 54 Rating, Add	*1,040.13*	
		For Class 55 Rating, Add	*1,551.09*	
		For Class 56 Rating, Add	*2,055.17*	
40 05 19 00-3299	EA	14" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,989.86	512.64
		For Class 52 Rating, Deduct	*-793.45*	
		For Class 54 Rating, Add	*1,091.29*	
		For Class 55 Rating, Add	*1,627.17*	
		For Class 56 Rating, Add	*2,155.84*	
40 05 19 00-3300	EA	14" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,334.84	515.43
		For Class 52 Rating, Deduct	*-830.93*	
		For Class 54 Rating, Add	*1,142.45*	
		For Class 55 Rating, Add	*1,703.26*	
		For Class 56 Rating, Add	*2,256.51*	
40 05 19 00-3301	EA	14" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,679.81	518.23
		For Class 52 Rating, Deduct	*-868.41*	
		For Class 54 Rating, Add	*1,193.61*	
		For Class 55 Rating, Add	*1,779.34*	
		For Class 56 Rating, Add	*2,357.18*	
40 05 19 00-3302	EA	14" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,024.79	521.04
		For Class 52 Rating, Deduct	*-905.89*	
		For Class 54 Rating, Add	*1,244.77*	
		For Class 55 Rating, Add	*1,855.43*	
		For Class 56 Rating, Add	*2,457.85*	
40 05 19 00-3303	EA	14" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,369.77	523.84
		For Class 52 Rating, Deduct	*-943.37*	
		For Class 54 Rating, Add	*1,295.93*	
		For Class 55 Rating, Add	*1,931.51*	
		For Class 56 Rating, Add	*2,558.51*	
40 05 19 00-3304	EA	14" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,714.75	526.63
		For Class 52 Rating, Deduct	*-980.85*	
		For Class 54 Rating, Add	*1,347.10*	
		For Class 55 Rating, Add	*2,007.60*	
		For Class 56 Rating, Add	*2,659.18*	
40 05 19 00-3305	EA	14" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,059.73	529.44
		For Class 52 Rating, Deduct	*-1,018.33*	
		For Class 54 Rating, Add	*1,398.26*	
		For Class 55 Rating, Add	*2,083.68*	
		For Class 56 Rating, Add	*2,759.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3306	EA	14" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,404.70	532.25
		For Class 52 Rating, Deduct	*-1,055.81*	
		For Class 54 Rating, Add	*1,449.42*	
		For Class 55 Rating, Add	*2,159.77*	
		For Class 56 Rating, Add	*2,860.52*	
40 05 19 00-3307	EA	14" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,749.67	535.05
		For Class 52 Rating, Deduct	*-1,093.29*	
		For Class 54 Rating, Add	*1,500.58*	
		For Class 55 Rating, Add	*2,235.85*	
		For Class 56 Rating, Add	*2,961.19*	
40 05 19 00-3308	EA	14" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,094.64	537.84
		For Class 52 Rating, Deduct	*-1,130.77*	
		For Class 54 Rating, Add	*1,551.74*	
		For Class 55 Rating, Add	*2,311.94*	
		For Class 56 Rating, Add	*3,061.86*	
40 05 19 00-3309	EA	14" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,439.62	540.65
		For Class 52 Rating, Deduct	*-1,168.25*	
		For Class 54 Rating, Add	*1,602.90*	
		For Class 55 Rating, Add	*2,388.02*	
		For Class 56 Rating, Add	*3,162.53*	
40 05 19 00-3310	EA	14" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,784.59	543.45
		For Class 52 Rating, Deduct	*-1,205.73*	
		For Class 54 Rating, Add	*1,654.06*	
		For Class 55 Rating, Add	*2,464.11*	
		For Class 56 Rating, Add	*3,263.19*	
40 05 19 00-3311	EA	14" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,129.57	546.24
		For Class 52 Rating, Deduct	*-1,243.21*	
		For Class 54 Rating, Add	*1,705.22*	
		For Class 55 Rating, Add	*2,540.19*	
		For Class 56 Rating, Add	*3,363.86*	
40 05 19 00-3312	EA	14" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,474.55	549.05
		For Class 52 Rating, Deduct	*-1,280.69*	
		For Class 54 Rating, Add	*1,756.38*	
		For Class 55 Rating, Add	*2,616.28*	
		For Class 56 Rating, Add	*3,464.53*	
40 05 19 00-3313	EA	14" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,819.52	551.85
		For Class 52 Rating, Deduct	*-1,318.17*	
		For Class 54 Rating, Add	*1,807.54*	
		For Class 55 Rating, Add	*2,692.36*	
		For Class 56 Rating, Add	*3,565.20*	
40 05 19 00-3314	EA	14" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,164.49	554.65
		For Class 52 Rating, Deduct	*-1,355.65*	
		For Class 54 Rating, Add	*1,858.70*	
		For Class 55 Rating, Add	*2,768.45*	
		For Class 56 Rating, Add	*3,665.87*	
40 05 19 00-3315	EA	14" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,509.47	557.45
		For Class 52 Rating, Deduct	*-1,393.13*	
		For Class 54 Rating, Add	*1,909.86*	
		For Class 55 Rating, Add	*2,844.53*	
		For Class 56 Rating, Add	*3,766.54*	
40 05 19 00-3316	EA	14" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,854.45	560.25
		For Class 52 Rating, Deduct	*-1,430.61*	
		For Class 54 Rating, Add	*1,961.02*	
		For Class 55 Rating, Add	*2,920.62*	
		For Class 56 Rating, Add	*3,867.21*	
40 05 19 00-3317	EA	14" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,199.42	563.06
		For Class 52 Rating, Deduct	*-1,468.09*	
		For Class 54 Rating, Add	*2,012.18*	
		For Class 55 Rating, Add	*2,996.70*	
		For Class 56 Rating, Add	*3,967.87*	
40 05 19 00-3318	EA	14" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,544.40	565.86
		For Class 52 Rating, Deduct	*-1,505.57*	
		For Class 54 Rating, Add	*2,063.34*	
		For Class 55 Rating, Add	*3,072.79*	
		For Class 56 Rating, Add	*4,068.54*	
40 05 19 00-3319	EA	14" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,889.38	568.66
		For Class 52 Rating, Deduct	*-1,543.05*	
		For Class 54 Rating, Add	*2,114.50*	
		For Class 55 Rating, Add	*3,148.87*	
		For Class 56 Rating, Add	*4,169.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3320	EA	14" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,234.35	571.46
		For Class 52 Rating, Deduct	*-1,580.54*	
		For Class 54 Rating, Add	*2,165.67*	
		For Class 55 Rating, Add	*3,224.96*	
		For Class 56 Rating, Add	*4,269.88*	
40 05 19 00-3321	EA	14" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,579.33	574.27
		For Class 52 Rating, Deduct	*-1,618.02*	
		For Class 54 Rating, Add	*2,216.83*	
		For Class 55 Rating, Add	*3,301.04*	
		For Class 56 Rating, Add	*4,370.55*	

40 05 19 00-3322 16" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-3082)*

40 05 19 00-3323	EA	16" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,294.34	537.84
		For Class 52 Rating, Deduct	*-272.74*	
		For Class 54 Rating, Add	*381.69*	
		For Class 55 Rating, Add	*572.47*	
		For Class 56 Rating, Add	*760.77*	
40 05 19 00-3324	EA	16" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,694.08	540.65
		For Class 52 Rating, Deduct	*-316.24*	
		For Class 54 Rating, Add	*441.07*	
		For Class 55 Rating, Add	*660.77*	
		For Class 56 Rating, Add	*877.59*	
40 05 19 00-3325	EA	16" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,093.81	543.45
		For Class 52 Rating, Deduct	*-359.75*	
		For Class 54 Rating, Add	*500.44*	
		For Class 55 Rating, Add	*749.06*	
		For Class 56 Rating, Add	*994.41*	
40 05 19 00-3326	EA	16" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,493.55	546.24
		For Class 52 Rating, Deduct	*-403.25*	
		For Class 54 Rating, Add	*559.82*	
		For Class 55 Rating, Add	*837.36*	
		For Class 56 Rating, Add	*1,111.24*	
40 05 19 00-3327	EA	16" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,893.29	549.05
		For Class 52 Rating, Deduct	*-446.75*	
		For Class 54 Rating, Add	*619.19*	
		For Class 55 Rating, Add	*925.66*	
		For Class 56 Rating, Add	*1,228.06*	
40 05 19 00-3328	EA	16" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,293.02	551.85
		For Class 52 Rating, Deduct	*-490.26*	
		For Class 54 Rating, Add	*678.57*	
		For Class 55 Rating, Add	*1,013.95*	
		For Class 56 Rating, Add	*1,344.88*	
40 05 19 00-3329	EA	16" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,692.75	554.65
		For Class 52 Rating, Deduct	*-533.76*	
		For Class 54 Rating, Add	*737.94*	
		For Class 55 Rating, Add	*1,102.25*	
		For Class 56 Rating, Add	*1,461.70*	
40 05 19 00-3330	EA	16" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,092.48	557.45
		For Class 52 Rating, Deduct	*-577.26*	
		For Class 54 Rating, Add	*797.31*	
		For Class 55 Rating, Add	*1,190.54*	
		For Class 56 Rating, Add	*1,578.53*	
40 05 19 00-3331	EA	16" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,492.23	560.25
		For Class 52 Rating, Deduct	*-620.77*	
		For Class 54 Rating, Add	*856.69*	
		For Class 55 Rating, Add	*1,278.84*	
		For Class 56 Rating, Add	*1,695.35*	
40 05 19 00-3332	EA	16" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,891.96	563.06
		For Class 52 Rating, Deduct	*-664.27*	
		For Class 54 Rating, Add	*916.06*	
		For Class 55 Rating, Add	*1,367.14*	
		For Class 56 Rating, Add	*1,812.17*	
40 05 19 00-3333	EA	16" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,291.70	565.86
		For Class 52 Rating, Deduct	*-707.78*	
		For Class 54 Rating, Add	*975.44*	
		For Class 55 Rating, Add	*1,455.43*	
		For Class 56 Rating, Add	*1,929.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3334	EA	16" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,691.44	568.66
		For Class 52 Rating, Deduct	*-751.28*	
		For Class 54 Rating, Add	*1,034.81*	
		For Class 55 Rating, Add	*1,543.73*	
		For Class 56 Rating, Add	*2,045.82*	
40 05 19 00-3335	EA	16" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,091.17	571.46
		For Class 52 Rating, Deduct	*-794.79*	
		For Class 54 Rating, Add	*1,094.19*	
		For Class 55 Rating, Add	*1,632.03*	
		For Class 56 Rating, Add	*2,162.64*	
40 05 19 00-3336	EA	16" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,490.91	574.27
		For Class 52 Rating, Deduct	*-838.29*	
		For Class 54 Rating, Add	*1,153.56*	
		For Class 55 Rating, Add	*1,720.32*	
		For Class 56 Rating, Add	*2,279.46*	
40 05 19 00-3337	EA	16" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,890.63	577.06
		For Class 52 Rating, Deduct	*-881.79*	
		For Class 54 Rating, Add	*1,212.94*	
		For Class 55 Rating, Add	*1,808.62*	
		For Class 56 Rating, Add	*2,396.28*	
40 05 19 00-3338	EA	16" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,290.37	579.86
		For Class 52 Rating, Deduct	*-925.30*	
		For Class 54 Rating, Add	*1,272.31*	
		For Class 55 Rating, Add	*1,896.92*	
		For Class 56 Rating, Add	*2,513.11*	
40 05 19 00-3339	EA	16" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,690.10	582.67
		For Class 52 Rating, Deduct	*-968.80*	
		For Class 54 Rating, Add	*1,331.69*	
		For Class 55 Rating, Add	*1,985.21*	
		For Class 56 Rating, Add	*2,629.93*	
40 05 19 00-3340	EA	16" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,089.85	585.46
		For Class 52 Rating, Deduct	*-1,012.31*	
		For Class 54 Rating, Add	*1,391.06*	
		For Class 55 Rating, Add	*2,073.51*	
		For Class 56 Rating, Add	*2,746.75*	
40 05 19 00-3341	EA	16" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,489.59	588.26
		For Class 52 Rating, Deduct	*-1,055.81*	
		For Class 54 Rating, Add	*1,450.44*	
		For Class 55 Rating, Add	*2,161.81*	
		For Class 56 Rating, Add	*2,863.58*	
40 05 19 00-3342	EA	16" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,889.32	591.07
		For Class 52 Rating, Deduct	*-1,099.31*	
		For Class 54 Rating, Add	*1,509.81*	
		For Class 55 Rating, Add	*2,250.10*	
		For Class 56 Rating, Add	*2,980.40*	
40 05 19 00-3343	EA	16" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,289.06	593.88
		For Class 52 Rating, Deduct	*-1,142.82*	
		For Class 54 Rating, Add	*1,569.19*	
		For Class 55 Rating, Add	*2,338.40*	
		For Class 56 Rating, Add	*3,097.22*	
40 05 19 00-3344	EA	16" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,688.79	596.67
		For Class 52 Rating, Deduct	*-1,186.32*	
		For Class 54 Rating, Add	*1,628.56*	
		For Class 55 Rating, Add	*2,426.69*	
		For Class 56 Rating, Add	*3,214.04*	
40 05 19 00-3345	EA	16" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,088.52	599.47
		For Class 52 Rating, Deduct	*-1,229.83*	
		For Class 54 Rating, Add	*1,687.93*	
		For Class 55 Rating, Add	*2,514.99*	
		For Class 56 Rating, Add	*3,330.87*	
40 05 19 00-3346	EA	16" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,488.25	602.28
		For Class 52 Rating, Deduct	*-1,273.33*	
		For Class 54 Rating, Add	*1,747.31*	
		For Class 55 Rating, Add	*2,603.29*	
		For Class 56 Rating, Add	*3,447.69*	
40 05 19 00-3347	EA	16" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,887.99	605.08
		For Class 52 Rating, Deduct	*-1,316.83*	
		For Class 54 Rating, Add	*1,806.68*	
		For Class 55 Rating, Add	*2,691.58*	
		For Class 56 Rating, Add	*3,564.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3348	EA	16" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,287.73	607.87
		For Class 52 Rating, Deduct	*-1,360.34*	
		For Class 54 Rating, Add	*1,866.06*	
		For Class 55 Rating, Add	*2,779.88*	
		For Class 56 Rating, Add	*3,681.34*	
40 05 19 00-3349	EA	16" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,687.47	610.68
		For Class 52 Rating, Deduct	*-1,403.84*	
		For Class 54 Rating, Add	*1,925.43*	
		For Class 55 Rating, Add	*2,868.18*	
		For Class 56 Rating, Add	*3,798.16*	
40 05 19 00-3350	EA	16" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,087.21	613.48
		For Class 52 Rating, Deduct	*-1,447.35*	
		For Class 54 Rating, Add	*1,984.81*	
		For Class 55 Rating, Add	*2,956.47*	
		For Class 56 Rating, Add	*3,914.98*	
40 05 19 00-3351	EA	16" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,486.94	616.27
		For Class 52 Rating, Deduct	*-1,490.85*	
		For Class 54 Rating, Add	*2,044.18*	
		For Class 55 Rating, Add	*3,044.77*	
		For Class 56 Rating, Add	*4,031.80*	
40 05 19 00-3352	EA	16" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,886.68	619.08
		For Class 52 Rating, Deduct	*-1,534.35*	
		For Class 54 Rating, Add	*2,103.56*	
		For Class 55 Rating, Add	*3,133.07*	
		For Class 56 Rating, Add	*4,148.63*	
40 05 19 00-3353	EA	16" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,286.40	621.89
		For Class 52 Rating, Deduct	*-1,577.86*	
		For Class 54 Rating, Add	*2,162.93*	
		For Class 55 Rating, Add	*3,221.36*	
		For Class 56 Rating, Add	*4,265.45*	
40 05 19 00-3354	EA	16" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,686.14	624.69
		For Class 52 Rating, Deduct	*-1,621.36*	
		For Class 54 Rating, Add	*2,222.31*	
		For Class 55 Rating, Add	*3,309.66*	
		For Class 56 Rating, Add	*4,382.27*	
40 05 19 00-3355	EA	16" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,085.87	627.49
		For Class 52 Rating, Deduct	*-1,664.87*	
		For Class 54 Rating, Add	*2,281.68*	
		For Class 55 Rating, Add	*3,397.95*	
		For Class 56 Rating, Add	*4,499.09*	
40 05 19 00-3356	EA	16" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,485.62	630.29
		For Class 52 Rating, Deduct	*-1,708.37*	
		For Class 54 Rating, Add	*2,341.06*	
		For Class 55 Rating, Add	*3,486.25*	
		For Class 56 Rating, Add	*4,615.92*	
40 05 19 00-3357	EA	16" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,885.36	633.09
		For Class 52 Rating, Deduct	*-1,751.87*	
		For Class 54 Rating, Add	*2,400.43*	
		For Class 55 Rating, Add	*3,574.55*	
		For Class 56 Rating, Add	*4,732.74*	
40 05 19 00-3358	EA	16" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,285.09	635.88
		For Class 52 Rating, Deduct	*-1,795.38*	
		For Class 54 Rating, Add	*2,459.80*	
		For Class 55 Rating, Add	*3,662.84*	
		For Class 56 Rating, Add	*4,849.56*	
40 05 19 00-3359	EA	16" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,684.83	638.69
		For Class 52 Rating, Deduct	*-1,838.88*	
		For Class 54 Rating, Add	*2,519.18*	
		For Class 55 Rating, Add	*3,751.14*	
		For Class 56 Rating, Add	*4,966.39*	
40 05 19 00-3360	EA	16" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,084.55	641.49
		For Class 52 Rating, Deduct	*-1,882.39*	
		For Class 54 Rating, Add	*2,578.55*	
		For Class 55 Rating, Add	*3,839.44*	
		For Class 56 Rating, Add	*5,083.21*	

40 05 19 00-3361 18" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-3082)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3362	EA	18" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,823.82	606.20
		For Class 52 Rating, Deduct	*-319.59*	
		For Class 54 Rating, Add	*446.82*	
		For Class 55 Rating, Add	*669.93*	
		For Class 56 Rating, Add	*890.14*	
40 05 19 00-3363	EA	18" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,284.41	609.00
		For Class 52 Rating, Deduct	*-369.78*	
		For Class 54 Rating, Add	*515.32*	
		For Class 55 Rating, Add	*771.80*	
		For Class 56 Rating, Add	*1,024.91*	
40 05 19 00-3364	EA	18" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,744.98	611.79
		For Class 52 Rating, Deduct	*-419.98*	
		For Class 54 Rating, Add	*583.83*	
		For Class 55 Rating, Add	*873.66*	
		For Class 56 Rating, Add	*1,159.68*	
40 05 19 00-3365	EA	18" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,205.57	614.59
		For Class 52 Rating, Deduct	*-470.18*	
		For Class 54 Rating, Add	*652.33*	
		For Class 55 Rating, Add	*975.53*	
		For Class 56 Rating, Add	*1,294.46*	
40 05 19 00-3366	EA	18" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,666.14	617.41
		For Class 52 Rating, Deduct	*-520.37*	
		For Class 54 Rating, Add	*720.83*	
		For Class 55 Rating, Add	*1,077.39*	
		For Class 56 Rating, Add	*1,429.23*	
40 05 19 00-3367	EA	18" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,126.72	620.20
		For Class 52 Rating, Deduct	*-570.57*	
		For Class 54 Rating, Add	*789.33*	
		For Class 55 Rating, Add	*1,179.26*	
		For Class 56 Rating, Add	*1,564.00*	
40 05 19 00-3368	EA	18" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,587.30	623.00
		For Class 52 Rating, Deduct	*-620.77*	
		For Class 54 Rating, Add	*857.83*	
		For Class 55 Rating, Add	*1,281.12*	
		For Class 56 Rating, Add	*1,698.77*	
40 05 19 00-3369	EA	18" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,047.88	625.81
		For Class 52 Rating, Deduct	*-670.97*	
		For Class 54 Rating, Add	*926.33*	
		For Class 55 Rating, Add	*1,382.99*	
		For Class 56 Rating, Add	*1,833.54*	
40 05 19 00-3370	EA	18" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,508.46	628.61
		For Class 52 Rating, Deduct	*-721.16*	
		For Class 54 Rating, Add	*994.83*	
		For Class 55 Rating, Add	*1,484.85*	
		For Class 56 Rating, Add	*1,968.32*	
40 05 19 00-3371	EA	18" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,969.04	631.40
		For Class 52 Rating, Deduct	*-771.36*	
		For Class 54 Rating, Add	*1,063.33*	
		For Class 55 Rating, Add	*1,586.72*	
		For Class 56 Rating, Add	*2,103.09*	
40 05 19 00-3372	EA	18" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,429.63	634.21
		For Class 52 Rating, Deduct	*-821.56*	
		For Class 54 Rating, Add	*1,131.84*	
		For Class 55 Rating, Add	*1,688.58*	
		For Class 56 Rating, Add	*2,237.86*	
40 05 19 00-3373	EA	18" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,890.21	637.01
		For Class 52 Rating, Deduct	*-871.75*	
		For Class 54 Rating, Add	*1,200.34*	
		For Class 55 Rating, Add	*1,790.45*	
		For Class 56 Rating, Add	*2,372.63*	
40 05 19 00-3374	EA	18" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,350.79	639.80
		For Class 52 Rating, Deduct	*-921.95*	
		For Class 54 Rating, Add	*1,268.84*	
		For Class 55 Rating, Add	*1,892.31*	
		For Class 56 Rating, Add	*2,507.40*	
40 05 19 00-3375	EA	18" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,811.36	642.61
		For Class 52 Rating, Deduct	*-972.15*	
		For Class 54 Rating, Add	*1,337.34*	
		For Class 55 Rating, Add	*1,994.18*	
		For Class 56 Rating, Add	*2,642.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3376	EA	18" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,271.94	645.42
		For Class 52 Rating, Deduct	*-1,022.34*	
		For Class 54 Rating, Add	*1,405.84*	
		For Class 55 Rating, Add	*2,096.04*	
		For Class 56 Rating, Add	*2,776.95*	
40 05 19 00-3377	EA	18" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,732.52	648.22
		For Class 52 Rating, Deduct	*-1,072.54*	
		For Class 54 Rating, Add	*1,474.34*	
		For Class 55 Rating, Add	*2,197.91*	
		For Class 56 Rating, Add	*2,911.72*	
40 05 19 00-3378	EA	18" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,193.11	651.02
		For Class 52 Rating, Deduct	*-1,122.74*	
		For Class 54 Rating, Add	*1,542.84*	
		For Class 55 Rating, Add	*2,299.77*	
		For Class 56 Rating, Add	*3,046.49*	
40 05 19 00-3379	EA	18" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,653.69	653.82
		For Class 52 Rating, Deduct	*-1,172.94*	
		For Class 54 Rating, Add	*1,611.35*	
		For Class 55 Rating, Add	*2,401.64*	
		For Class 56 Rating, Add	*3,181.26*	
40 05 19 00-3380	EA	18" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,114.27	656.62
		For Class 52 Rating, Deduct	*-1,223.13*	
		For Class 54 Rating, Add	*1,679.85*	
		For Class 55 Rating, Add	*2,503.50*	
		For Class 56 Rating, Add	*3,316.04*	
40 05 19 00-3381	EA	18" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,574.85	659.41
		For Class 52 Rating, Deduct	*-1,273.33*	
		For Class 54 Rating, Add	*1,748.35*	
		For Class 55 Rating, Add	*2,605.36*	
		For Class 56 Rating, Add	*3,450.81*	
40 05 19 00-3382	EA	18" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,035.43	662.22
		For Class 52 Rating, Deduct	*-1,323.53*	
		For Class 54 Rating, Add	*1,816.85*	
		For Class 55 Rating, Add	*2,707.23*	
		For Class 56 Rating, Add	*3,585.58*	
40 05 19 00-3383	EA	18" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,496.01	665.02
		For Class 52 Rating, Deduct	*-1,373.72*	
		For Class 54 Rating, Add	*1,885.35*	
		For Class 55 Rating, Add	*2,809.10*	
		For Class 56 Rating, Add	*3,720.35*	
40 05 19 00-3384	EA	18" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,956.58	667.83
		For Class 52 Rating, Deduct	*-1,423.92*	
		For Class 54 Rating, Add	*1,953.85*	
		For Class 55 Rating, Add	*2,910.96*	
		For Class 56 Rating, Add	*3,855.12*	
40 05 19 00-3385	EA	18" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,417.17	670.62
		For Class 52 Rating, Deduct	*-1,474.12*	
		For Class 54 Rating, Add	*2,022.35*	
		For Class 55 Rating, Add	*3,012.83*	
		For Class 56 Rating, Add	*3,989.90*	
40 05 19 00-3386	EA	18" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,877.74	673.42
		For Class 52 Rating, Deduct	*-1,524.31*	
		For Class 54 Rating, Add	*2,090.85*	
		For Class 55 Rating, Add	*3,114.69*	
		For Class 56 Rating, Add	*4,124.67*	
40 05 19 00-3387	EA	18" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,338.33	676.23
		For Class 52 Rating, Deduct	*-1,574.51*	
		For Class 54 Rating, Add	*2,159.36*	
		For Class 55 Rating, Add	*3,216.55*	
		For Class 56 Rating, Add	*4,259.44*	
40 05 19 00-3388	EA	18" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,798.92	679.04
		For Class 52 Rating, Deduct	*-1,624.71*	
		For Class 54 Rating, Add	*2,227.86*	
		For Class 55 Rating, Add	*3,318.42*	
		For Class 56 Rating, Add	*4,394.21*	
40 05 19 00-3389	EA	18" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,259.49	681.83
		For Class 52 Rating, Deduct	*-1,674.91*	
		For Class 54 Rating, Add	*2,296.36*	
		For Class 55 Rating, Add	*3,420.28*	
		For Class 56 Rating, Add	*4,528.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3390	EA	18" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,720.08	684.63
		For Class 52 Rating, Deduct	*-1,725.10*	
		For Class 54 Rating, Add	*2,364.86*	
		For Class 55 Rating, Add	*3,522.15*	
		For Class 56 Rating, Add	*4,663.76*	
40 05 19 00-3391	EA	18" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,180.64	687.44
		For Class 52 Rating, Deduct	*-1,775.30*	
		For Class 54 Rating, Add	*2,433.36*	
		For Class 55 Rating, Add	*3,624.01*	
		For Class 56 Rating, Add	*4,798.52*	
40 05 19 00-3392	EA	18" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,641.23	690.23
		For Class 52 Rating, Deduct	*-1,825.50*	
		For Class 54 Rating, Add	*2,501.86*	
		For Class 55 Rating, Add	*3,725.88*	
		For Class 56 Rating, Add	*4,933.30*	
40 05 19 00-3393	EA	18" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,101.81	693.03
		For Class 52 Rating, Deduct	*-1,875.69*	
		For Class 54 Rating, Add	*2,570.36*	
		For Class 55 Rating, Add	*3,827.74*	
		For Class 56 Rating, Add	*5,068.07*	
40 05 19 00-3394	EA	18" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,562.39	695.84
		For Class 52 Rating, Deduct	*-1,925.89*	
		For Class 54 Rating, Add	*2,638.87*	
		For Class 55 Rating, Add	*3,929.61*	
		For Class 56 Rating, Add	*5,202.84*	
40 05 19 00-3395	EA	18" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,022.98	698.64
		For Class 52 Rating, Deduct	*-1,976.09*	
		For Class 54 Rating, Add	*2,707.37*	
		For Class 55 Rating, Add	*4,031.47*	
		For Class 56 Rating, Add	*5,337.61*	
40 05 19 00-3396	EA	18" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,483.55	701.43
		For Class 52 Rating, Deduct	*-2,026.28*	
		For Class 54 Rating, Add	*2,775.87*	
		For Class 55 Rating, Add	*4,133.34*	
		For Class 56 Rating, Add	*5,472.38*	
40 05 19 00-3397	EA	18" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,944.14	704.24
		For Class 52 Rating, Deduct	*-2,076.48*	
		For Class 54 Rating, Add	*2,844.37*	
		For Class 55 Rating, Add	*4,235.20*	
		For Class 56 Rating, Add	*5,607.16*	
40 05 19 00-3398	EA	18" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,404.71	707.05
		For Class 52 Rating, Deduct	*-2,126.68*	
		For Class 54 Rating, Add	*2,912.87*	
		For Class 55 Rating, Add	*4,337.07*	
		For Class 56 Rating, Add	*5,741.93*	
40 05 19 00-3399	EA	18" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,865.29	709.84
		For Class 52 Rating, Deduct	*-2,176.87*	
		For Class 54 Rating, Add	*2,981.37*	
		For Class 55 Rating, Add	*4,438.93*	
		For Class 56 Rating, Add	*5,876.70*	

40 05 19 00-3400 20" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-3082)*

40 05 19 00-3401	EA	20" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,455.66	691.92
		For Class 52 Rating, Deduct	*-374.80*	
		For Class 54 Rating, Add	*523.68*	
		For Class 55 Rating, Add	*784.99*	
		For Class 56 Rating, Add	*1,042.90*	
40 05 19 00-3402	EA	20" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,980.13	694.72
		For Class 52 Rating, Deduct	*-432.03*	
		For Class 54 Rating, Add	*601.76*	
		For Class 55 Rating, Add	*901.10*	
		For Class 56 Rating, Add	*1,196.51*	
40 05 19 00-3403	EA	20" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,504.60	697.51
		For Class 52 Rating, Deduct	*-489.25*	
		For Class 54 Rating, Add	*679.84*	
		For Class 55 Rating, Add	*1,017.21*	
		For Class 56 Rating, Add	*1,350.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3404	EA	20" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,029.07	700.32
		For Class 52 Rating, Deduct	*-546.48*	
		For Class 54 Rating, Add	*757.93*	
		For Class 55 Rating, Add	*1,133.33*	
		For Class 56 Rating, Add	*1,503.75*	
40 05 19 00-3405	EA	20" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,553.54	703.12
		For Class 52 Rating, Deduct	*-603.70*	
		For Class 54 Rating, Add	*836.01*	
		For Class 55 Rating, Add	*1,249.44*	
		For Class 56 Rating, Add	*1,657.37*	
40 05 19 00-3406	EA	20" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,078.00	705.91
		For Class 52 Rating, Deduct	*-660.93*	
		For Class 54 Rating, Add	*914.10*	
		For Class 55 Rating, Add	*1,365.55*	
		For Class 56 Rating, Add	*1,810.99*	
40 05 19 00-3407	EA	20" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,602.47	708.72
		For Class 52 Rating, Deduct	*-718.15*	
		For Class 54 Rating, Add	*992.18*	
		For Class 55 Rating, Add	*1,481.66*	
		For Class 56 Rating, Add	*1,964.61*	
40 05 19 00-3408	EA	20" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,126.93	711.53
		For Class 52 Rating, Deduct	*-775.38*	
		For Class 54 Rating, Add	*1,070.27*	
		For Class 55 Rating, Add	*1,597.77*	
		For Class 56 Rating, Add	*2,118.23*	
40 05 19 00-3409	EA	20" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,651.40	714.33
		For Class 52 Rating, Deduct	*-832.60*	
		For Class 54 Rating, Add	*1,148.35*	
		For Class 55 Rating, Add	*1,713.88*	
		For Class 56 Rating, Add	*2,271.84*	
40 05 19 00-3410	EA	20" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,175.87	717.13
		For Class 52 Rating, Deduct	*-889.83*	
		For Class 54 Rating, Add	*1,226.44*	
		For Class 55 Rating, Add	*1,830.00*	
		For Class 56 Rating, Add	*2,425.47*	
40 05 19 00-3411	EA	20" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,700.34	719.93
		For Class 52 Rating, Deduct	*-947.05*	
		For Class 54 Rating, Add	*1,304.52*	
		For Class 55 Rating, Add	*1,946.11*	
		For Class 56 Rating, Add	*2,579.08*	
40 05 19 00-3412	EA	20" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,224.81	722.73
		For Class 52 Rating, Deduct	*-1,004.27*	
		For Class 54 Rating, Add	*1,382.60*	
		For Class 55 Rating, Add	*2,062.22*	
		For Class 56 Rating, Add	*2,732.70*	
40 05 19 00-3413	EA	20" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,749.28	725.52
		For Class 52 Rating, Deduct	*-1,061.50*	
		For Class 54 Rating, Add	*1,460.69*	
		For Class 55 Rating, Add	*2,178.33*	
		For Class 56 Rating, Add	*2,886.32*	
40 05 19 00-3414	EA	20" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,273.74	728.33
		For Class 52 Rating, Deduct	*-1,118.72*	
		For Class 54 Rating, Add	*1,538.77*	
		For Class 55 Rating, Add	*2,294.44*	
		For Class 56 Rating, Add	*3,039.94*	
40 05 19 00-3415	EA	20" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,798.20	731.13
		For Class 52 Rating, Deduct	*-1,175.95*	
		For Class 54 Rating, Add	*1,616.86*	
		For Class 55 Rating, Add	*2,410.55*	
		For Class 56 Rating, Add	*3,193.56*	
40 05 19 00-3416	EA	20" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,322.67	733.94
		For Class 52 Rating, Deduct	*-1,233.17*	
		For Class 54 Rating, Add	*1,694.94*	
		For Class 55 Rating, Add	*2,526.66*	
		For Class 56 Rating, Add	*3,347.17*	
40 05 19 00-3417	EA	20" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,847.14	736.73
		For Class 52 Rating, Deduct	*-1,290.40*	
		For Class 54 Rating, Add	*1,773.03*	
		For Class 55 Rating, Add	*2,642.78*	
		For Class 56 Rating, Add	*3,500.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3418	EA	20" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,371.61	739.53
		For Class 52 Rating, Deduct	*-1,347.62*	
		For Class 54 Rating, Add	*1,851.11*	
		For Class 55 Rating, Add	*2,758.89*	
		For Class 56 Rating, Add	*3,654.41*	
40 05 19 00-3419	EA	20" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,896.08	742.34
		For Class 52 Rating, Deduct	*-1,404.85*	
		For Class 54 Rating, Add	*1,929.20*	
		For Class 55 Rating, Add	*2,875.00*	
		For Class 56 Rating, Add	*3,808.03*	
40 05 19 00-3420	EA	20" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,420.55	745.15
		For Class 52 Rating, Deduct	*-1,462.07*	
		For Class 54 Rating, Add	*2,007.28*	
		For Class 55 Rating, Add	*2,991.11*	
		For Class 56 Rating, Add	*3,961.65*	
40 05 19 00-3421	EA	20" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,945.02	747.94
		For Class 52 Rating, Deduct	*-1,519.29*	
		For Class 54 Rating, Add	*2,085.36*	
		For Class 55 Rating, Add	*3,107.22*	
		For Class 56 Rating, Add	*4,115.27*	
40 05 19 00-3422	EA	20" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,469.47	750.74
		For Class 52 Rating, Deduct	*-1,576.52*	
		For Class 54 Rating, Add	*2,163.45*	
		For Class 55 Rating, Add	*3,223.33*	
		For Class 56 Rating, Add	*4,268.89*	
40 05 19 00-3423	EA	20" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,993.95	753.55
		For Class 52 Rating, Deduct	*-1,633.74*	
		For Class 54 Rating, Add	*2,241.53*	
		For Class 55 Rating, Add	*3,339.45*	
		For Class 56 Rating, Add	*4,422.51*	
40 05 19 00-3424	EA	20" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,518.41	756.34
		For Class 52 Rating, Deduct	*-1,690.97*	
		For Class 54 Rating, Add	*2,319.62*	
		For Class 55 Rating, Add	*3,455.56*	
		For Class 56 Rating, Add	*4,576.12*	
40 05 19 00-3425	EA	20" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,042.88	759.14
		For Class 52 Rating, Deduct	*-1,748.19*	
		For Class 54 Rating, Add	*2,397.70*	
		For Class 55 Rating, Add	*3,571.67*	
		For Class 56 Rating, Add	*4,729.74*	
40 05 19 00-3426	EA	20" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,567.35	761.95
		For Class 52 Rating, Deduct	*-1,805.42*	
		For Class 54 Rating, Add	*2,475.79*	
		For Class 55 Rating, Add	*3,687.78*	
		For Class 56 Rating, Add	*4,883.36*	
40 05 19 00-3427	EA	20" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,091.82	764.75
		For Class 52 Rating, Deduct	*-1,862.64*	
		For Class 54 Rating, Add	*2,553.87*	
		For Class 55 Rating, Add	*3,803.89*	
		For Class 56 Rating, Add	*5,036.98*	
40 05 19 00-3428	EA	20" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,616.29	767.54
		For Class 52 Rating, Deduct	*-1,919.87*	
		For Class 54 Rating, Add	*2,631.96*	
		For Class 55 Rating, Add	*3,920.00*	
		For Class 56 Rating, Add	*5,190.60*	
40 05 19 00-3429	EA	20" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,140.75	770.35
		For Class 52 Rating, Deduct	*-1,977.09*	
		For Class 54 Rating, Add	*2,710.04*	
		For Class 55 Rating, Add	*4,036.11*	
		For Class 56 Rating, Add	*5,344.22*	
40 05 19 00-3430	EA	20" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,665.22	773.16
		For Class 52 Rating, Deduct	*-2,034.32*	
		For Class 54 Rating, Add	*2,788.12*	
		For Class 55 Rating, Add	*4,152.23*	
		For Class 56 Rating, Add	*5,497.84*	
40 05 19 00-3431	EA	20" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,189.68	775.95
		For Class 52 Rating, Deduct	*-2,091.54*	
		For Class 54 Rating, Add	*2,866.21*	
		For Class 55 Rating, Add	*4,268.34*	
		For Class 56 Rating, Add	*5,651.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3432	EA	20" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,714.15	778.76
		For Class 52 Rating, Deduct	*-2,148.76*	
		For Class 54 Rating, Add	*2,944.29*	
		For Class 55 Rating, Add	*4,384.45*	
		For Class 56 Rating, Add	*5,805.07*	
40 05 19 00-3433	EA	20" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,238.62	781.56
		For Class 52 Rating, Deduct	*-2,205.99*	
		For Class 54 Rating, Add	*3,022.38*	
		For Class 55 Rating, Add	*4,500.56*	
		For Class 56 Rating, Add	*5,958.69*	
40 05 19 00-3434	EA	20" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,763.09	784.36
		For Class 52 Rating, Deduct	*-2,263.21*	
		For Class 54 Rating, Add	*3,100.46*	
		For Class 55 Rating, Add	*4,616.67*	
		For Class 56 Rating, Add	*6,112.31*	
40 05 19 00-3435	EA	20" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,287.56	787.15
		For Class 52 Rating, Deduct	*-2,320.44*	
		For Class 54 Rating, Add	*3,178.55*	
		For Class 55 Rating, Add	*4,732.78*	
		For Class 56 Rating, Add	*6,265.93*	
40 05 19 00-3436	EA	20" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,812.03	789.96
		For Class 52 Rating, Deduct	*-2,377.66*	
		For Class 54 Rating, Add	*3,256.63*	
		For Class 55 Rating, Add	*4,848.90*	
		For Class 56 Rating, Add	*6,419.55*	
40 05 19 00-3437	EA	20" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,336.50	792.76
		For Class 52 Rating, Deduct	*-2,434.89*	
		For Class 54 Rating, Add	*3,334.71*	
		For Class 55 Rating, Add	*4,965.01*	
		For Class 56 Rating, Add	*6,573.17*	
40 05 19 00-3438	EA	20" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,860.95	795.55
		For Class 52 Rating, Deduct	*-2,492.11*	
		For Class 54 Rating, Add	*3,412.80*	
		For Class 55 Rating, Add	*5,081.12*	
		For Class 56 Rating, Add	*6,726.78*	

40 05 19 00-3439 24" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-3082)*

40 05 19 00-3440	EA	24" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,492.40	817.97
		For Class 52 Rating, Deduct	*-467.84*	
		For Class 54 Rating, Add	*652.83*	
		For Class 55 Rating, Add	*978.17*	
		For Class 56 Rating, Add	*1,299.27*	
40 05 19 00-3441	EA	24" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,141.60	820.77
		For Class 52 Rating, Deduct	*-538.78*	
		For Class 54 Rating, Add	*749.62*	
		For Class 55 Rating, Add	*1,122.10*	
		For Class 56 Rating, Add	*1,489.68*	
40 05 19 00-3442	EA	24" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,790.80	823.58
		For Class 52 Rating, Deduct	*-609.73*	
		For Class 54 Rating, Add	*846.42*	
		For Class 55 Rating, Add	*1,266.03*	
		For Class 56 Rating, Add	*1,680.10*	
40 05 19 00-3443	EA	24" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,440.00	826.37
		For Class 52 Rating, Deduct	*-680.67*	
		For Class 54 Rating, Add	*943.21*	
		For Class 55 Rating, Add	*1,409.96*	
		For Class 56 Rating, Add	*1,870.51*	
40 05 19 00-3444	EA	24" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,089.20	829.17
		For Class 52 Rating, Deduct	*-751.62*	
		For Class 54 Rating, Add	*1,040.01*	
		For Class 55 Rating, Add	*1,553.88*	
		For Class 56 Rating, Add	*2,060.92*	
40 05 19 00-3445	EA	24" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,738.41	831.98
		For Class 52 Rating, Deduct	*-822.56*	
		For Class 54 Rating, Add	*1,136.80*	
		For Class 55 Rating, Add	*1,697.81*	
		For Class 56 Rating, Add	*2,251.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3446	EA	24" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,387.60	834.79
		For Class 52 Rating, Deduct	*-893.51*	
		For Class 54 Rating, Add	*1,233.59*	
		For Class 55 Rating, Add	*1,841.74*	
		For Class 56 Rating, Add	*2,441.75*	
40 05 19 00-3447	EA	24" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,036.80	837.58
		For Class 52 Rating, Deduct	*-964.45*	
		For Class 54 Rating, Add	*1,330.39*	
		For Class 55 Rating, Add	*1,985.66*	
		For Class 56 Rating, Add	*2,632.17*	
40 05 19 00-3448	EA	24" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,685.99	840.38
		For Class 52 Rating, Deduct	*-1,035.40*	
		For Class 54 Rating, Add	*1,427.18*	
		For Class 55 Rating, Add	*2,129.59*	
		For Class 56 Rating, Add	*2,822.58*	
40 05 19 00-3449	EA	24" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,335.20	843.19
		For Class 52 Rating, Deduct	*-1,106.34*	
		For Class 54 Rating, Add	*1,523.98*	
		For Class 55 Rating, Add	*2,273.52*	
		For Class 56 Rating, Add	*3,013.00*	
40 05 19 00-3450	EA	24" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,984.39	845.98
		For Class 52 Rating, Deduct	*-1,177.29*	
		For Class 54 Rating, Add	*1,620.77*	
		For Class 55 Rating, Add	*2,417.44*	
		For Class 56 Rating, Add	*3,203.41*	
40 05 19 00-3451	EA	24" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,633.60	848.78
		For Class 52 Rating, Deduct	*-1,248.23*	
		For Class 54 Rating, Add	*1,717.57*	
		For Class 55 Rating, Add	*2,561.37*	
		For Class 56 Rating, Add	*3,393.83*	
40 05 19 00-3452	EA	24" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,282.80	851.59
		For Class 52 Rating, Deduct	*-1,319.18*	
		For Class 54 Rating, Add	*1,814.36*	
		For Class 55 Rating, Add	*2,705.30*	
		For Class 56 Rating, Add	*3,584.24*	
40 05 19 00-3453	EA	24" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,931.99	854.39
		For Class 52 Rating, Deduct	*-1,390.12*	
		For Class 54 Rating, Add	*1,911.15*	
		For Class 55 Rating, Add	*2,849.22*	
		For Class 56 Rating, Add	*3,774.65*	
40 05 19 00-3454	EA	24" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,581.20	857.18
		For Class 52 Rating, Deduct	*-1,461.07*	
		For Class 54 Rating, Add	*2,007.95*	
		For Class 55 Rating, Add	*2,993.15*	
		For Class 56 Rating, Add	*3,965.07*	
40 05 19 00-3455	EA	24" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,230.38	859.99
		For Class 52 Rating, Deduct	*-1,532.01*	
		For Class 54 Rating, Add	*2,104.74*	
		For Class 55 Rating, Add	*3,137.08*	
		For Class 56 Rating, Add	*4,155.48*	
40 05 19 00-3456	EA	24" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,879.59	862.80
		For Class 52 Rating, Deduct	*-1,602.96*	
		For Class 54 Rating, Add	*2,201.54*	
		For Class 55 Rating, Add	*3,281.00*	
		For Class 56 Rating, Add	*4,345.90*	
40 05 19 00-3457	EA	24" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,528.78	865.59
		For Class 52 Rating, Deduct	*-1,673.90*	
		For Class 54 Rating, Add	*2,298.33*	
		For Class 55 Rating, Add	*3,424.93*	
		For Class 56 Rating, Add	*4,536.31*	
40 05 19 00-3458	EA	24" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,177.99	868.40
		For Class 52 Rating, Deduct	*-1,744.85*	
		For Class 54 Rating, Add	*2,395.13*	
		For Class 55 Rating, Add	*3,568.86*	
		For Class 56 Rating, Add	*4,726.73*	
40 05 19 00-3459	EA	24" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,827.19	871.20
		For Class 52 Rating, Deduct	*-1,815.79*	
		For Class 54 Rating, Add	*2,491.92*	
		For Class 55 Rating, Add	*3,712.78*	
		For Class 56 Rating, Add	*4,917.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3460	EA	24" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,476.39	874.00
		For Class 52 Rating, Deduct	*-1,886.74*	
		For Class 54 Rating, Add	*2,588.71*	
		For Class 55 Rating, Add	*3,856.71*	
		For Class 56 Rating, Add	*5,107.56*	
40 05 19 00-3461	EA	24" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,125.59	876.80
		For Class 52 Rating, Deduct	*-1,957.68*	
		For Class 54 Rating, Add	*2,685.51*	
		For Class 55 Rating, Add	*4,000.64*	
		For Class 56 Rating, Add	*5,297.97*	
40 05 19 00-3462	EA	24" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,774.79	879.60
		For Class 52 Rating, Deduct	*-2,028.63*	
		For Class 54 Rating, Add	*2,782.30*	
		For Class 55 Rating, Add	*4,144.56*	
		For Class 56 Rating, Add	*5,488.39*	
40 05 19 00-3463	EA	24" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,423.98	882.40
		For Class 52 Rating, Deduct	*-2,099.57*	
		For Class 54 Rating, Add	*2,879.10*	
		For Class 55 Rating, Add	*4,288.49*	
		For Class 56 Rating, Add	*5,678.80*	
40 05 19 00-3464	EA	24" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,073.18	885.21
		For Class 52 Rating, Deduct	*-2,170.52*	
		For Class 54 Rating, Add	*2,975.89*	
		For Class 55 Rating, Add	*4,432.42*	
		For Class 56 Rating, Add	*5,869.21*	
40 05 19 00-3465	EA	24" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,722.38	888.00
		For Class 52 Rating, Deduct	*-2,241.46*	
		For Class 54 Rating, Add	*3,072.68*	
		For Class 55 Rating, Add	*4,576.34*	
		For Class 56 Rating, Add	*6,059.63*	
40 05 19 00-3466	EA	24" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,371.58	890.80
		For Class 52 Rating, Deduct	*-2,312.41*	
		For Class 54 Rating, Add	*3,169.48*	
		For Class 55 Rating, Add	*4,720.27*	
		For Class 56 Rating, Add	*6,250.04*	
40 05 19 00-3467	EA	24" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,020.78	893.61
		For Class 52 Rating, Deduct	*-2,383.35*	
		For Class 54 Rating, Add	*3,266.27*	
		For Class 55 Rating, Add	*4,864.20*	
		For Class 56 Rating, Add	*6,440.46*	
40 05 19 00-3468	EA	24" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,669.99	896.41
		For Class 52 Rating, Deduct	*-2,454.30*	
		For Class 54 Rating, Add	*3,363.07*	
		For Class 55 Rating, Add	*5,008.13*	
		For Class 56 Rating, Add	*6,630.87*	
40 05 19 00-3469	EA	24" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,391.33	946.82
		For Class 52 Rating, Deduct	*-2,525.24*	
		For Class 54 Rating, Add	*3,460.73*	
		For Class 55 Rating, Add	*5,153.78*	
		For Class 56 Rating, Add	*6,823.88*	
40 05 19 00-3470	EA	24" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,040.53	949.63
		For Class 52 Rating, Deduct	*-2,596.19*	
		For Class 54 Rating, Add	*3,557.52*	
		For Class 55 Rating, Add	*5,297.71*	
		For Class 56 Rating, Add	*7,014.30*	
40 05 19 00-3471	EA	24" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,689.73	952.43
		For Class 52 Rating, Deduct	*-2,667.13*	
		For Class 54 Rating, Add	*3,654.31*	
		For Class 55 Rating, Add	*5,441.64*	
		For Class 56 Rating, Add	*7,204.71*	
40 05 19 00-3472	EA	24" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	26,338.93	955.24
		For Class 52 Rating, Deduct	*-2,738.08*	
		For Class 54 Rating, Add	*3,751.11*	
		For Class 55 Rating, Add	*5,585.56*	
		For Class 56 Rating, Add	*7,395.13*	
40 05 19 00-3473	EA	24" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	26,988.13	958.04
		For Class 52 Rating, Deduct	*-2,809.02*	
		For Class 54 Rating, Add	*3,847.90*	
		For Class 55 Rating, Add	*5,729.49*	
		For Class 56 Rating, Add	*7,585.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3474	EA	24" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	30,679.58	960.84
		For Class 52 Rating, Deduct	*-3,214.61*	
		For Class 54 Rating, Add	*4,401.03*	
		For Class 55 Rating, Add	*6,551.84*	
		For Class 56 Rating, Add	*8,673.42*	
40 05 19 00-3475	EA	24" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	28,286.53	963.64
		For Class 52 Rating, Deduct	*-2,950.91*	
		For Class 54 Rating, Add	*4,041.49*	
		For Class 55 Rating, Add	*6,017.34*	
		For Class 56 Rating, Add	*7,966.37*	
40 05 19 00-3476	EA	24" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	28,935.74	966.44
		For Class 52 Rating, Deduct	*-3,021.86*	
		For Class 54 Rating, Add	*4,138.29*	
		For Class 55 Rating, Add	*6,161.27*	
		For Class 56 Rating, Add	*8,156.79*	
40 05 19 00-3477	EA	24" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	29,584.92	969.24
		For Class 52 Rating, Deduct	*-3,092.80*	
		For Class 54 Rating, Add	*4,235.08*	
		For Class 55 Rating, Add	*6,305.20*	
		For Class 56 Rating, Add	*8,347.20*	

40 05 19 00-3478 30" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-3082)*

40 05 19 00-3479	EA	30" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,336.03	1,154.13
		For Class 52 Rating, Deduct	*-834.61*	
		For Class 54 Rating, Add	*1,159.09*	
		For Class 55 Rating, Add	*1,733.95*	
		For Class 56 Rating, Add	*2,301.22*	
40 05 19 00-3480	EA	30" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,265.11	1,156.92
		For Class 52 Rating, Deduct	*-936.34*	
		For Class 54 Rating, Add	*1,297.86*	
		For Class 55 Rating, Add	*1,940.29*	
		For Class 56 Rating, Add	*2,574.20*	
40 05 19 00-3481	EA	30" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,194.20	1,159.72
		For Class 52 Rating, Deduct	*-1,038.07*	
		For Class 54 Rating, Add	*1,436.64*	
		For Class 55 Rating, Add	*2,146.63*	
		For Class 56 Rating, Add	*2,847.18*	
40 05 19 00-3482	EA	30" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,123.27	1,162.53
		For Class 52 Rating, Deduct	*-1,139.81*	
		For Class 54 Rating, Add	*1,575.42*	
		For Class 55 Rating, Add	*2,352.97*	
		For Class 56 Rating, Add	*3,120.16*	
40 05 19 00-3483	EA	30" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,052.36	1,165.34
		For Class 52 Rating, Deduct	*-1,241.54*	
		For Class 54 Rating, Add	*1,714.19*	
		For Class 55 Rating, Add	*2,559.31*	
		For Class 56 Rating, Add	*3,393.14*	
40 05 19 00-3484	EA	30" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,981.44	1,168.13
		For Class 52 Rating, Deduct	*-1,343.27*	
		For Class 54 Rating, Add	*1,852.97*	
		For Class 55 Rating, Add	*2,765.65*	
		For Class 56 Rating, Add	*3,666.12*	
40 05 19 00-3485	EA	30" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,910.53	1,170.94
		For Class 52 Rating, Deduct	*-1,445.00*	
		For Class 54 Rating, Add	*1,991.75*	
		For Class 55 Rating, Add	*2,971.99*	
		For Class 56 Rating, Add	*3,939.10*	
40 05 19 00-3486	EA	30" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,839.61	1,173.74
		For Class 52 Rating, Deduct	*-1,546.74*	
		For Class 54 Rating, Add	*2,130.53*	
		For Class 55 Rating, Add	*3,178.34*	
		For Class 56 Rating, Add	*4,212.08*	
40 05 19 00-3487	EA	30" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,768.70	1,176.53
		For Class 52 Rating, Deduct	*-1,648.47*	
		For Class 54 Rating, Add	*2,269.30*	
		For Class 55 Rating, Add	*3,384.68*	
		For Class 56 Rating, Add	*4,485.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3488	EA	30" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,697.80	1,179.34
		For Class 52 Rating, Deduct	*-1,750.20*	
		For Class 54 Rating, Add	*2,408.08*	
		For Class 55 Rating, Add	*3,591.02*	
		For Class 56 Rating, Add	*4,758.05*	
40 05 19 00-3489	EA	30" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,626.88	1,182.14
		For Class 52 Rating, Deduct	*-1,851.93*	
		For Class 54 Rating, Add	*2,546.86*	
		For Class 55 Rating, Add	*3,797.36*	
		For Class 56 Rating, Add	*5,031.03*	
40 05 19 00-3490	EA	30" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,555.96	1,184.94
		For Class 52 Rating, Deduct	*-1,953.67*	
		For Class 54 Rating, Add	*2,685.63*	
		For Class 55 Rating, Add	*4,003.70*	
		For Class 56 Rating, Add	*5,304.01*	
40 05 19 00-3491	EA	30" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,485.04	1,187.73
		For Class 52 Rating, Deduct	*-2,055.40*	
		For Class 54 Rating, Add	*2,824.41*	
		For Class 55 Rating, Add	*4,210.04*	
		For Class 56 Rating, Add	*5,576.99*	
40 05 19 00-3492	EA	30" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,414.13	1,190.54
		For Class 52 Rating, Deduct	*-2,157.13*	
		For Class 54 Rating, Add	*2,963.19*	
		For Class 55 Rating, Add	*4,416.38*	
		For Class 56 Rating, Add	*5,849.97*	
40 05 19 00-3493	EA	30" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,343.21	1,193.34
		For Class 52 Rating, Deduct	*-2,258.86*	
		For Class 54 Rating, Add	*3,101.97*	
		For Class 55 Rating, Add	*4,622.73*	
		For Class 56 Rating, Add	*6,122.95*	
40 05 19 00-3494	EA	30" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,272.30	1,196.13
		For Class 52 Rating, Deduct	*-2,360.60*	
		For Class 54 Rating, Add	*3,240.74*	
		For Class 55 Rating, Add	*4,829.07*	
		For Class 56 Rating, Add	*6,395.93*	
40 05 19 00-3495	EA	30" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,201.39	1,198.95
		For Class 52 Rating, Deduct	*-2,462.33*	
		For Class 54 Rating, Add	*3,379.52*	
		For Class 55 Rating, Add	*5,035.41*	
		For Class 56 Rating, Add	*6,668.91*	
40 05 19 00-3496	EA	30" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,130.47	1,201.75
		For Class 52 Rating, Deduct	*-2,564.06*	
		For Class 54 Rating, Add	*3,518.30*	
		For Class 55 Rating, Add	*5,241.75*	
		For Class 56 Rating, Add	*6,941.89*	
40 05 19 00-3497	EA	30" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	26,059.56	1,204.55
		For Class 52 Rating, Deduct	*-2,665.79*	
		For Class 54 Rating, Add	*3,657.07*	
		For Class 55 Rating, Add	*5,448.09*	
		For Class 56 Rating, Add	*7,214.87*	
40 05 19 00-3498	EA	30" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	26,988.63	1,207.35
		For Class 52 Rating, Deduct	*-2,767.53*	
		For Class 54 Rating, Add	*3,795.85*	
		For Class 55 Rating, Add	*5,654.43*	
		For Class 56 Rating, Add	*7,487.85*	
40 05 19 00-3499	EA	30" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	27,917.73	1,210.15
		For Class 52 Rating, Deduct	*-2,869.26*	
		For Class 54 Rating, Add	*3,934.63*	
		For Class 55 Rating, Add	*5,860.78*	
		For Class 56 Rating, Add	*7,760.84*	
40 05 19 00-3500	EA	30" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	28,846.81	1,212.95
		For Class 52 Rating, Deduct	*-2,970.99*	
		For Class 54 Rating, Add	*4,073.41*	
		For Class 55 Rating, Add	*6,067.12*	
		For Class 56 Rating, Add	*8,033.82*	
40 05 19 00-3501	EA	30" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	29,775.90	1,215.75
		For Class 52 Rating, Deduct	*-3,072.72*	
		For Class 54 Rating, Add	*4,212.18*	
		For Class 55 Rating, Add	*6,273.46*	
		For Class 56 Rating, Add	*8,306.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3502	EA	30" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	30,704.98	1,218.55
		For Class 52 Rating, Deduct	*-3,174.46*	
		For Class 54 Rating, Add	*4,350.96*	
		For Class 55 Rating, Add	*6,479.80*	
		For Class 56 Rating, Add	*8,579.78*	
40 05 19 00-3503	EA	30" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	31,634.07	1,221.35
		For Class 52 Rating, Deduct	*-3,276.19*	
		For Class 54 Rating, Add	*4,489.74*	
		For Class 55 Rating, Add	*6,686.14*	
		For Class 56 Rating, Add	*8,852.76*	
40 05 19 00-3504	EA	30" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	32,563.16	1,224.16
		For Class 52 Rating, Deduct	*-3,377.92*	
		For Class 54 Rating, Add	*4,628.51*	
		For Class 55 Rating, Add	*6,892.48*	
		For Class 56 Rating, Add	*9,125.74*	
40 05 19 00-3505	EA	30" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	33,492.24	1,226.95
		For Class 52 Rating, Deduct	*-3,479.65*	
		For Class 54 Rating, Add	*4,767.29*	
		For Class 55 Rating, Add	*7,098.82*	
		For Class 56 Rating, Add	*9,398.72*	
40 05 19 00-3506	EA	30" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	34,421.32	1,229.76
		For Class 52 Rating, Deduct	*-3,581.39*	
		For Class 54 Rating, Add	*4,906.07*	
		For Class 55 Rating, Add	*7,305.16*	
		For Class 56 Rating, Add	*9,671.70*	
40 05 19 00-3507	EA	30" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	35,350.40	1,232.57
		For Class 52 Rating, Deduct	*-3,683.12*	
		For Class 54 Rating, Add	*5,044.84*	
		For Class 55 Rating, Add	*7,511.50*	
		For Class 56 Rating, Add	*9,944.68*	
40 05 19 00-3508	EA	30" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	36,279.49	1,235.37
		For Class 52 Rating, Deduct	*-3,784.85*	
		For Class 54 Rating, Add	*5,183.62*	
		For Class 55 Rating, Add	*7,717.85*	
		For Class 56 Rating, Add	*10,217.66*	
40 05 19 00-3509	EA	30" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	37,208.58	1,238.16
		For Class 52 Rating, Deduct	*-3,886.58*	
		For Class 54 Rating, Add	*5,322.40*	
		For Class 55 Rating, Add	*7,924.19*	
		For Class 56 Rating, Add	*10,490.65*	
40 05 19 00-3510	EA	30" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	38,137.67	1,240.97
		For Class 52 Rating, Deduct	*-3,988.32*	
		For Class 54 Rating, Add	*5,461.18*	
		For Class 55 Rating, Add	*8,130.53*	
		For Class 56 Rating, Add	*10,763.63*	
40 05 19 00-3511	EA	30" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	39,066.76	1,243.77
		For Class 52 Rating, Deduct	*-4,090.05*	
		For Class 54 Rating, Add	*5,599.95*	
		For Class 55 Rating, Add	*8,336.87*	
		For Class 56 Rating, Add	*11,036.61*	
40 05 19 00-3512	EA	30" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	39,995.84	1,246.56
		For Class 52 Rating, Deduct	*-4,191.78*	
		For Class 54 Rating, Add	*5,738.73*	
		For Class 55 Rating, Add	*8,543.21*	
		For Class 56 Rating, Add	*11,309.59*	
40 05 19 00-3513	EA	30" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	40,924.92	1,249.36
		For Class 52 Rating, Deduct	*-4,293.51*	
		For Class 54 Rating, Add	*5,877.51*	
		For Class 55 Rating, Add	*8,749.55*	
		For Class 56 Rating, Add	*11,582.57*	

40 05 19 00-3514 36" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-3082)*

40 05 19 00-3515	EA	36" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,664.76	1,462.26
		For Class 52 Rating, Deduct	*-1,039.41*	
		For Class 54 Rating, Add	*1,443.97*	
		For Class 55 Rating, Add	*2,160.35*	
		For Class 56 Rating, Add	*2,867.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3516	EA	36" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,910.23	1,465.07
		For Class 52 Rating, Deduct	*-1,175.95*	
		For Class 54 Rating, Add	*1,630.20*	
		For Class 55 Rating, Add	*2,437.24*	
		For Class 56 Rating, Add	*3,233.59*	
40 05 19 00-3517	EA	36" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,155.71	1,467.86
		For Class 52 Rating, Deduct	*-1,312.48*	
		For Class 54 Rating, Add	*1,816.44*	
		For Class 55 Rating, Add	*2,714.14*	
		For Class 56 Rating, Add	*3,599.91*	
40 05 19 00-3518	EA	36" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,401.18	1,470.67
		For Class 52 Rating, Deduct	*-1,449.02*	
		For Class 54 Rating, Add	*2,002.67*	
		For Class 55 Rating, Add	*2,991.04*	
		For Class 56 Rating, Add	*3,966.22*	
40 05 19 00-3519	EA	36" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,646.66	1,473.48
		For Class 52 Rating, Deduct	*-1,585.55*	
		For Class 54 Rating, Add	*2,188.91*	
		For Class 55 Rating, Add	*3,267.93*	
		For Class 56 Rating, Add	*4,332.54*	
40 05 19 00-3520	EA	36" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,892.14	1,476.27
		For Class 52 Rating, Deduct	*-1,722.09*	
		For Class 54 Rating, Add	*2,375.15*	
		For Class 55 Rating, Add	*3,544.83*	
		For Class 56 Rating, Add	*4,698.86*	
40 05 19 00-3521	EA	36" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,137.62	1,479.07
		For Class 52 Rating, Deduct	*-1,858.63*	
		For Class 54 Rating, Add	*2,561.38*	
		For Class 55 Rating, Add	*3,821.73*	
		For Class 56 Rating, Add	*5,065.17*	
40 05 19 00-3522	EA	36" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,383.10	1,481.88
		For Class 52 Rating, Deduct	*-1,995.16*	
		For Class 54 Rating, Add	*2,747.62*	
		For Class 55 Rating, Add	*4,098.62*	
		For Class 56 Rating, Add	*5,431.49*	
40 05 19 00-3523	EA	36" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,628.58	1,484.68
		For Class 52 Rating, Deduct	*-2,131.70*	
		For Class 54 Rating, Add	*2,933.85*	
		For Class 55 Rating, Add	*4,375.52*	
		For Class 56 Rating, Add	*5,797.81*	
40 05 19 00-3524	EA	36" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,874.06	1,487.47
		For Class 52 Rating, Deduct	*-2,268.23*	
		For Class 54 Rating, Add	*3,120.09*	
		For Class 55 Rating, Add	*4,652.42*	
		For Class 56 Rating, Add	*6,164.12*	
40 05 19 00-3525	EA	36" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,119.53	1,490.28
		For Class 52 Rating, Deduct	*-2,404.77*	
		For Class 54 Rating, Add	*3,306.33*	
		For Class 55 Rating, Add	*4,929.32*	
		For Class 56 Rating, Add	*6,530.44*	
40 05 19 00-3526	EA	36" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,365.01	1,493.08
		For Class 52 Rating, Deduct	*-2,541.30*	
		For Class 54 Rating, Add	*3,492.56*	
		For Class 55 Rating, Add	*5,206.21*	
		For Class 56 Rating, Add	*6,896.76*	
40 05 19 00-3527	EA	36" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	26,610.48	1,495.87
		For Class 52 Rating, Deduct	*-2,677.84*	
		For Class 54 Rating, Add	*3,678.80*	
		For Class 55 Rating, Add	*5,483.11*	
		For Class 56 Rating, Add	*7,263.07*	
40 05 19 00-3528	EA	36" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	27,855.97	1,498.67
		For Class 52 Rating, Deduct	*-2,814.38*	
		For Class 54 Rating, Add	*3,865.03*	
		For Class 55 Rating, Add	*5,760.01*	
		For Class 56 Rating, Add	*7,629.39*	
40 05 19 00-3529	EA	36" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	29,101.44	1,501.49
		For Class 52 Rating, Deduct	*-2,950.91*	
		For Class 54 Rating, Add	*4,051.27*	
		For Class 55 Rating, Add	*6,036.90*	
		For Class 56 Rating, Add	*7,995.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3530	EA	36" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	30,346.93	1,504.29
		For Class 52 Rating, Deduct	*-3,087.45*	
		For Class 54 Rating, Add	*4,237.51*	
		For Class 55 Rating, Add	*6,313.80*	
		For Class 56 Rating, Add	*8,362.03*	
40 05 19 00-3531	EA	36" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	31,592.41	1,507.08
		For Class 52 Rating, Deduct	*-3,223.98*	
		For Class 54 Rating, Add	*4,423.74*	
		For Class 55 Rating, Add	*6,590.70*	
		For Class 56 Rating, Add	*8,728.34*	
40 05 19 00-3532	EA	36" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	32,837.87	1,509.89
		For Class 52 Rating, Deduct	*-3,360.52*	
		For Class 54 Rating, Add	*4,609.98*	
		For Class 55 Rating, Add	*6,867.59*	
		For Class 56 Rating, Add	*9,094.66*	
40 05 19 00-3533	EA	36" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	34,083.36	1,512.69
		For Class 52 Rating, Deduct	*-3,497.06*	
		For Class 54 Rating, Add	*4,796.21*	
		For Class 55 Rating, Add	*7,144.49*	
		For Class 56 Rating, Add	*9,460.98*	
40 05 19 00-3534	EA	36" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	35,328.83	1,515.49
		For Class 52 Rating, Deduct	*-3,633.59*	
		For Class 54 Rating, Add	*4,982.45*	
		For Class 55 Rating, Add	*7,421.39*	
		For Class 56 Rating, Add	*9,827.29*	
40 05 19 00-3535	EA	36" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	36,574.32	1,518.29
		For Class 52 Rating, Deduct	*-3,770.13*	
		For Class 54 Rating, Add	*5,168.69*	
		For Class 55 Rating, Add	*7,698.29*	
		For Class 56 Rating, Add	*10,193.61*	
40 05 19 00-3536	EA	36" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	37,819.79	1,521.09
		For Class 52 Rating, Deduct	*-3,906.66*	
		For Class 54 Rating, Add	*5,354.92*	
		For Class 55 Rating, Add	*7,975.18*	
		For Class 56 Rating, Add	*10,559.93*	
40 05 19 00-3537	EA	36" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	39,065.27	1,523.89
		For Class 52 Rating, Deduct	*-4,043.20*	
		For Class 54 Rating, Add	*5,541.16*	
		For Class 55 Rating, Add	*8,252.08*	
		For Class 56 Rating, Add	*10,926.24*	
40 05 19 00-3538	EA	36" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	40,310.76	1,526.69
		For Class 52 Rating, Deduct	*-4,179.73*	
		For Class 54 Rating, Add	*5,727.40*	
		For Class 55 Rating, Add	*8,528.98*	
		For Class 56 Rating, Add	*11,292.56*	
40 05 19 00-3539	EA	36" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	41,556.23	1,529.49
		For Class 52 Rating, Deduct	*-4,316.27*	
		For Class 54 Rating, Add	*5,913.63*	
		For Class 55 Rating, Add	*8,805.87*	
		For Class 56 Rating, Add	*11,658.88*	
40 05 19 00-3540	EA	36" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	42,801.71	1,532.30
		For Class 52 Rating, Deduct	*-4,452.81*	
		For Class 54 Rating, Add	*6,099.87*	
		For Class 55 Rating, Add	*9,082.77*	
		For Class 56 Rating, Add	*12,025.19*	
40 05 19 00-3541	EA	36" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	44,047.18	1,535.11
		For Class 52 Rating, Deduct	*-4,589.34*	
		For Class 54 Rating, Add	*6,286.10*	
		For Class 55 Rating, Add	*9,359.67*	
		For Class 56 Rating, Add	*12,391.51*	
40 05 19 00-3542	EA	36" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	45,292.66	1,537.90
		For Class 52 Rating, Deduct	*-4,725.88*	
		For Class 54 Rating, Add	*6,472.34*	
		For Class 55 Rating, Add	*9,636.56*	
		For Class 56 Rating, Add	*12,757.83*	
40 05 19 00-3543	EA	36" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	46,538.14	1,540.70
		For Class 52 Rating, Deduct	*-4,862.41*	
		For Class 54 Rating, Add	*6,658.58*	
		For Class 55 Rating, Add	*9,913.46*	
		For Class 56 Rating, Add	*13,124.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3544	EA	36" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	47,783.62	1,543.51
		For Class 52 Rating, Deduct	*-4,998.95*	
		For Class 54 Rating, Add	*6,844.81*	
		For Class 55 Rating, Add	*10,190.36*	
		For Class 56 Rating, Add	*13,490.46*	
40 05 19 00-3545	EA	36" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	49,029.11	1,546.30
		For Class 52 Rating, Deduct	*-5,135.48*	
		For Class 54 Rating, Add	*7,031.05*	
		For Class 55 Rating, Add	*10,467.26*	
		For Class 56 Rating, Add	*13,856.78*	
40 05 19 00-3546	EA	36" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	50,274.58	1,549.10
		For Class 52 Rating, Deduct	*-5,272.02*	
		For Class 54 Rating, Add	*7,217.28*	
		For Class 55 Rating, Add	*10,744.15*	
		For Class 56 Rating, Add	*14,223.09*	
40 05 19 00-3547	EA	36" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	51,520.06	1,551.90
		For Class 52 Rating, Deduct	*-5,408.55*	
		For Class 54 Rating, Add	*7,403.52*	
		For Class 55 Rating, Add	*11,021.05*	
		For Class 56 Rating, Add	*14,589.41*	
40 05 19 00-3548	EA	36" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	52,765.53	1,554.71
		For Class 52 Rating, Deduct	*-5,545.09*	
		For Class 54 Rating, Add	*7,589.76*	
		For Class 55 Rating, Add	*11,297.95*	
		For Class 56 Rating, Add	*14,955.73*	
40 05 19 00-3549	EA	36" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	54,011.01	1,557.50
		For Class 52 Rating, Deduct	*-5,681.63*	
		For Class 54 Rating, Add	*7,775.99*	
		For Class 55 Rating, Add	*11,574.84*	
		For Class 56 Rating, Add	*15,322.04*	

40 05 19 00-3550 42" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-3082)*

40 05 19 00-3551	EA	42" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,460.67	1,843.24
		For Class 52 Rating, Deduct	*-1,393.47*	
		For Class 54 Rating, Add	*1,933.70*	
		For Class 55 Rating, Add	*2,891.97*	
		For Class 56 Rating, Add	*3,837.57*	
40 05 19 00-3552	EA	42" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,296.35	1,846.03
		For Class 52 Rating, Deduct	*-1,594.93*	
		For Class 54 Rating, Add	*2,208.46*	
		For Class 55 Rating, Add	*3,300.48*	
		For Class 56 Rating, Add	*4,377.99*	
40 05 19 00-3553	EA	42" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,116.80	1,848.84
		For Class 52 Rating, Deduct	*-1,794.71*	
		For Class 54 Rating, Add	*2,480.94*	
		For Class 55 Rating, Add	*3,705.59*	
		For Class 56 Rating, Add	*4,913.93*	
40 05 19 00-3554	EA	42" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,955.52	1,851.64
		For Class 52 Rating, Deduct	*-1,996.50*	
		For Class 54 Rating, Add	*2,756.17*	
		For Class 55 Rating, Add	*4,114.78*	
		For Class 56 Rating, Add	*5,455.25*	
40 05 19 00-3555	EA	42" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,782.08	1,854.45
		For Class 52 Rating, Deduct	*-2,196.95*	
		For Class 54 Rating, Add	*3,029.56*	
		For Class 55 Rating, Add	*4,521.26*	
		For Class 56 Rating, Add	*5,992.98*	
40 05 19 00-3556	EA	42" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,626.87	1,857.24
		For Class 52 Rating, Deduct	*-2,399.41*	
		For Class 54 Rating, Add	*3,305.70*	
		For Class 55 Rating, Add	*4,931.80*	
		For Class 56 Rating, Add	*6,536.10*	
40 05 19 00-3557	EA	42" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	26,453.41	1,860.04
		For Class 52 Rating, Deduct	*-2,599.87*	
		For Class 54 Rating, Add	*3,579.09*	
		For Class 55 Rating, Add	*5,338.28*	
		For Class 56 Rating, Add	*7,073.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3558	EA	42" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	28,301.25	1,862.85
		For Class 52 Rating, Deduct	*-2,802.66*	
		For Class 54 Rating, Add	*3,855.68*	
		For Class 55 Rating, Add	*5,749.50*	
		For Class 56 Rating, Add	*7,617.84*	
40 05 19 00-3559	EA	42" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	30,130.84	1,865.66
		For Class 52 Rating, Deduct	*-3,003.45*	
		For Class 54 Rating, Add	*4,129.54*	
		For Class 55 Rating, Add	*6,156.66*	
		For Class 56 Rating, Add	*8,156.47*	
40 05 19 00-3560	EA	42" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	31,981.72	1,868.45
		For Class 52 Rating, Deduct	*-3,206.58*	
		For Class 54 Rating, Add	*4,406.58*	
		For Class 55 Rating, Add	*6,568.56*	
		For Class 56 Rating, Add	*8,701.38*	
40 05 19 00-3561	EA	42" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	33,811.32	1,871.25
		For Class 52 Rating, Deduct	*-3,407.37*	
		For Class 54 Rating, Add	*4,680.44*	
		For Class 55 Rating, Add	*6,975.71*	
		For Class 56 Rating, Add	*9,240.01*	
40 05 19 00-3562	EA	42" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	35,662.21	1,874.06
		For Class 52 Rating, Deduct	*-3,610.50*	
		For Class 54 Rating, Add	*4,957.48*	
		For Class 55 Rating, Add	*7,387.62*	
		For Class 56 Rating, Add	*9,784.93*	
40 05 19 00-3563	EA	42" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	37,494.83	1,876.85
		For Class 52 Rating, Deduct	*-3,811.62*	
		For Class 54 Rating, Add	*5,231.79*	
		For Class 55 Rating, Add	*7,795.45*	
		For Class 56 Rating, Add	*10,324.45*	
40 05 19 00-3564	EA	42" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	39,330.50	1,879.65
		For Class 52 Rating, Deduct	*-4,013.08*	
		For Class 54 Rating, Add	*5,506.56*	
		For Class 55 Rating, Add	*8,203.96*	
		For Class 56 Rating, Add	*10,864.88*	
40 05 19 00-3565	EA	42" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	41,178.34	1,882.46
		For Class 52 Rating, Deduct	*-4,215.88*	
		For Class 54 Rating, Add	*5,783.15*	
		For Class 55 Rating, Add	*8,615.18*	
		For Class 56 Rating, Add	*11,408.89*	
40 05 19 00-3566	EA	42" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	43,010.98	1,885.26
		For Class 52 Rating, Deduct	*-4,417.00*	
		For Class 54 Rating, Add	*6,057.46*	
		For Class 55 Rating, Add	*9,023.01*	
		For Class 56 Rating, Add	*11,948.42*	
40 05 19 00-3567	EA	42" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	44,864.90	1,888.05
		For Class 52 Rating, Deduct	*-4,620.46*	
		For Class 54 Rating, Add	*6,334.96*	
		For Class 55 Rating, Add	*9,435.60*	
		For Class 56 Rating, Add	*12,494.23*	
40 05 19 00-3568	EA	42" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	46,700.58	1,890.86
		For Class 52 Rating, Deduct	*-4,821.92*	
		For Class 54 Rating, Add	*6,609.73*	
		For Class 55 Rating, Add	*9,844.11*	
		For Class 56 Rating, Add	*13,034.65*	
40 05 19 00-3569	EA	42" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	48,551.47	1,893.67
		For Class 52 Rating, Deduct	*-5,025.05*	
		For Class 54 Rating, Add	*6,886.77*	
		For Class 55 Rating, Add	*10,256.01*	
		For Class 56 Rating, Add	*13,579.56*	
40 05 19 00-3570	EA	42" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	50,387.13	1,896.46
		For Class 52 Rating, Deduct	*-5,226.51*	
		For Class 54 Rating, Add	*7,161.54*	
		For Class 55 Rating, Add	*10,664.52*	
		For Class 56 Rating, Add	*14,119.98*	
40 05 19 00-3571	EA	42" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	52,241.07	1,899.26
		For Class 52 Rating, Deduct	*-5,429.97*	
		For Class 54 Rating, Add	*7,439.04*	
		For Class 55 Rating, Add	*11,077.10*	
		For Class 56 Rating, Add	*14,665.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3572	EA	42" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	54,076.72	1,902.07
		For Class 52 Rating, Deduct	*-5,631.43*	
		For Class 54 Rating, Add	*7,713.80*	
		For Class 55 Rating, Add	*11,485.61*	
		For Class 56 Rating, Add	*15,206.22*	
40 05 19 00-3573	EA	42" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	55,930.66	1,904.87
		For Class 52 Rating, Deduct	*-5,834.90*	
		For Class 54 Rating, Add	*7,991.31*	
		For Class 55 Rating, Add	*11,898.19*	
		For Class 56 Rating, Add	*15,752.03*	
40 05 19 00-3574	EA	42" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	57,763.28	1,907.66
		For Class 52 Rating, Deduct	*-6,036.02*	
		For Class 54 Rating, Add	*8,265.62*	
		For Class 55 Rating, Add	*12,306.02*	
		For Class 56 Rating, Add	*16,291.55*	
40 05 19 00-3575	EA	42" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	59,620.26	1,910.47
		For Class 52 Rating, Deduct	*-6,239.82*	
		For Class 54 Rating, Add	*8,543.58*	
		For Class 55 Rating, Add	*12,719.28*	
		For Class 56 Rating, Add	*16,838.26*	
40 05 19 00-3576	EA	42" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	61,455.93	1,913.27
		For Class 52 Rating, Deduct	*-6,441.27*	
		For Class 54 Rating, Add	*8,818.34*	
		For Class 55 Rating, Add	*13,127.79*	
		For Class 56 Rating, Add	*17,378.69*	
40 05 19 00-3577	EA	42" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	63,306.82	1,916.06
		For Class 52 Rating, Deduct	*-6,644.40*	
		For Class 54 Rating, Add	*9,095.39*	
		For Class 55 Rating, Add	*13,539.70*	
		For Class 56 Rating, Add	*17,923.60*	
40 05 19 00-3578	EA	42" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	65,145.54	1,918.87
		For Class 52 Rating, Deduct	*-6,846.20*	
		For Class 54 Rating, Add	*9,370.61*	
		For Class 55 Rating, Add	*13,948.88*	
		For Class 56 Rating, Add	*18,464.92*	
40 05 19 00-3579	EA	42" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	66,622.22	1,921.67
		For Class 52 Rating, Deduct	*-7,008.16*	
		For Class 54 Rating, Add	*9,591.53*	
		For Class 55 Rating, Add	*14,277.34*	
		For Class 56 Rating, Add	*18,899.44*	
40 05 19 00-3580	EA	42" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	68,835.13	1,924.48
		For Class 52 Rating, Deduct	*-7,251.12*	
		For Class 54 Rating, Add	*9,922.88*	
		For Class 55 Rating, Add	*14,769.98*	
		For Class 56 Rating, Add	*19,551.15*	
40 05 19 00-3581	EA	42" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	70,667.75	1,927.28
		For Class 52 Rating, Deduct	*-7,452.24*	
		For Class 54 Rating, Add	*10,197.19*	
		For Class 55 Rating, Add	*15,177.81*	
		For Class 56 Rating, Add	*20,090.68*	
40 05 19 00-3582	EA	42" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	72,521.68	1,930.08
		For Class 52 Rating, Deduct	*-7,655.71*	
		For Class 54 Rating, Add	*10,474.69*	
		For Class 55 Rating, Add	*15,590.39*	
		For Class 56 Rating, Add	*20,636.49*	
40 05 19 00-3583	EA	42" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	74,357.35	1,932.88
		For Class 52 Rating, Deduct	*-7,857.16*	
		For Class 54 Rating, Add	*10,749.46*	
		For Class 55 Rating, Add	*15,998.90*	
		For Class 56 Rating, Add	*21,176.91*	
40 05 19 00-3584	EA	42" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	76,214.33	1,935.69
		For Class 52 Rating, Deduct	*-8,060.96*	
		For Class 54 Rating, Add	*11,027.42*	
		For Class 55 Rating, Add	*16,412.16*	
		For Class 56 Rating, Add	*21,723.62*	
40 05 19 00-3585	EA	42" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	78,046.96	1,938.48
		For Class 52 Rating, Deduct	*-8,262.08*	
		For Class 54 Rating, Add	*11,301.72*	
		For Class 55 Rating, Add	*16,819.99*	
		For Class 56 Rating, Add	*22,263.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3586		48" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-3082)*		
40 05 19 00-3587	EA	48" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,983.81	2,316.64
		For Class 52 Rating, Deduct	*-1,812.11*	
		For Class 54 Rating, Add	*2,513.18*	
		For Class 55 Rating, Add	*3,757.88*	
		For Class 56 Rating, Add	*4,986.11*	
40 05 19 00-3588	EA	48" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,622.63	2,319.46
		For Class 52 Rating, Deduct	*-2,101.91*	
		For Class 54 Rating, Add	*2,908.42*	
		For Class 55 Rating, Add	*4,345.50*	
		For Class 56 Rating, Add	*5,763.47*	
40 05 19 00-3589	EA	48" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,270.59	2,322.26
		For Class 52 Rating, Deduct	*-2,392.72*	
		For Class 54 Rating, Add	*3,305.03*	
		For Class 55 Rating, Add	*4,935.15*	
		For Class 56 Rating, Add	*6,543.51*	
40 05 19 00-3590	EA	48" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	27,945.91	2,325.06
		For Class 52 Rating, Deduct	*-2,686.54*	
		For Class 54 Rating, Add	*3,705.74*	
		For Class 55 Rating, Add	*5,530.90*	
		For Class 56 Rating, Add	*7,331.64*	
40 05 19 00-3591	EA	48" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	30,615.16	2,327.86
		For Class 52 Rating, Deduct	*-2,979.69*	
		For Class 54 Rating, Add	*4,105.54*	
		For Class 55 Rating, Add	*6,125.30*	
		For Class 56 Rating, Add	*8,117.96*	
40 05 19 00-3592	EA	48" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	33,287.46	2,330.66
		For Class 52 Rating, Deduct	*-3,273.18*	
		For Class 54 Rating, Add	*4,505.80*	
		For Class 55 Rating, Add	*6,720.37*	
		For Class 56 Rating, Add	*8,905.19*	
40 05 19 00-3593	EA	48" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	35,978.00	2,333.46
		For Class 52 Rating, Deduct	*-3,568.67*	
		For Class 54 Rating, Add	*4,908.79*	
		For Class 55 Rating, Add	*7,319.52*	
		For Class 56 Rating, Add	*9,697.80*	
40 05 19 00-3594	EA	48" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	38,662.45	2,336.26
		For Class 52 Rating, Deduct	*-3,863.49*	
		For Class 54 Rating, Add	*5,310.88*	
		For Class 55 Rating, Add	*7,917.31*	
		For Class 56 Rating, Add	*10,488.62*	
40 05 19 00-3595	EA	48" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	41,340.82	2,339.06
		For Class 52 Rating, Deduct	*-4,157.65*	
		For Class 54 Rating, Add	*5,712.05*	
		For Class 55 Rating, Add	*8,513.74*	
		For Class 56 Rating, Add	*11,277.64*	
40 05 19 00-3596	EA	48" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	44,043.54	2,341.86
		For Class 52 Rating, Deduct	*-4,454.48*	
		For Class 54 Rating, Add	*6,116.87*	
		For Class 55 Rating, Add	*9,115.60*	
		For Class 56 Rating, Add	*12,073.84*	
40 05 19 00-3597	EA	48" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	46,734.07	2,344.67
		For Class 52 Rating, Deduct	*-4,749.97*	
		For Class 54 Rating, Add	*6,519.86*	
		For Class 55 Rating, Add	*9,714.75*	
		For Class 56 Rating, Add	*12,866.45*	
40 05 19 00-3598	EA	48" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	49,439.83	2,347.46
		For Class 52 Rating, Deduct	*-5,047.14*	
		For Class 54 Rating, Add	*6,925.14*	
		For Class 55 Rating, Add	*10,317.28*	
		For Class 56 Rating, Add	*13,663.55*	
40 05 19 00-3599	EA	48" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	52,127.33	2,350.27
		For Class 52 Rating, Deduct	*-5,342.30*	
		For Class 54 Rating, Add	*7,327.68*	
		For Class 55 Rating, Add	*10,915.75*	
		For Class 56 Rating, Add	*14,455.26*	
40 05 19 00-3600	EA	48" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	54,820.92	2,353.08
		For Class 52 Rating, Deduct	*-5,638.12*	
		For Class 54 Rating, Add	*7,731.13*	
		For Class 55 Rating, Add	*11,515.58*	
		For Class 56 Rating, Add	*15,248.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3601	EA	48" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	57,529.72	2,355.88
		For Class 52 Rating, Deduct	*-5,935.62*	
		For Class 54 Rating, Add	*8,136.87*	
		For Class 55 Rating, Add	*12,118.80*	
		For Class 56 Rating, Add	*16,046.76*	
40 05 19 00-3602	EA	48" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	60,223.29	2,358.67
		For Class 52 Rating, Deduct	*-6,231.45*	
		For Class 54 Rating, Add	*8,540.32*	
		For Class 55 Rating, Add	*12,718.62*	
		For Class 56 Rating, Add	*16,840.27*	
40 05 19 00-3603	EA	48" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	62,916.88	2,361.47
		For Class 52 Rating, Deduct	*-6,527.28*	
		For Class 54 Rating, Add	*8,943.77*	
		For Class 55 Rating, Add	*13,318.44*	
		For Class 56 Rating, Add	*17,633.78*	
40 05 19 00-3604	EA	48" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	65,628.71	2,364.28
		For Class 52 Rating, Deduct	*-6,825.11*	
		For Class 54 Rating, Add	*9,349.96*	
		For Class 55 Rating, Add	*13,922.34*	
		For Class 56 Rating, Add	*18,432.67*	
40 05 19 00-3605	EA	48" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	68,325.35	2,367.07
		For Class 52 Rating, Deduct	*-7,121.28*	
		For Class 54 Rating, Add	*9,753.87*	
		For Class 55 Rating, Add	*14,522.84*	
		For Class 56 Rating, Add	*19,227.08*	
40 05 19 00-3606	EA	48" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	71,018.93	2,369.87
		For Class 52 Rating, Deduct	*-7,417.10*	
		For Class 54 Rating, Add	*10,157.32*	
		For Class 55 Rating, Add	*15,122.67*	
		For Class 56 Rating, Add	*20,020.59*	
40 05 19 00-3607	EA	48" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	73,736.86	2,372.68
		For Class 52 Rating, Deduct	*-7,715.61*	
		For Class 54 Rating, Add	*10,564.42*	
		For Class 55 Rating, Add	*15,727.92*	
		For Class 56 Rating, Add	*20,821.28*	
40 05 19 00-3608	EA	48" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	76,436.53	2,375.48
		For Class 52 Rating, Deduct	*-8,012.10*	
		For Class 54 Rating, Add	*10,968.79*	
		For Class 55 Rating, Add	*16,329.10*	
		For Class 56 Rating, Add	*21,616.58*	
40 05 19 00-3609	EA	48" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	79,133.15	2,378.27
		For Class 52 Rating, Deduct	*-8,308.27*	
		For Class 54 Rating, Add	*11,372.70*	
		For Class 55 Rating, Add	*16,929.60*	
		For Class 56 Rating, Add	*22,410.98*	
40 05 19 00-3610	EA	48" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	81,848.03	2,381.09
		For Class 52 Rating, Deduct	*-8,606.44*	
		For Class 54 Rating, Add	*11,779.34*	
		For Class 55 Rating, Add	*17,534.18*	
		For Class 56 Rating, Add	*23,210.77*	
40 05 19 00-3611	EA	48" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	84,547.69	2,383.89
		For Class 52 Rating, Deduct	*-8,902.93*	
		For Class 54 Rating, Add	*12,183.71*	
		For Class 55 Rating, Add	*18,135.36*	
		For Class 56 Rating, Add	*24,006.08*	
40 05 19 00-3612	EA	48" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	87,244.33	2,386.68
		For Class 52 Rating, Deduct	*-9,199.10*	
		For Class 54 Rating, Add	*12,587.62*	
		For Class 55 Rating, Add	*18,735.86*	
		For Class 56 Rating, Add	*24,800.48*	
40 05 19 00-3613	EA	48" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	89,962.24	2,389.49
		For Class 52 Rating, Deduct	*-9,497.60*	
		For Class 54 Rating, Add	*12,994.72*	
		For Class 55 Rating, Add	*19,341.11*	
		For Class 56 Rating, Add	*25,601.17*	
40 05 19 00-3614	EA	48" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	92,661.92	2,392.29
		For Class 52 Rating, Deduct	*-9,794.10*	
		For Class 54 Rating, Add	*13,399.08*	
		For Class 55 Rating, Add	*19,942.30*	
		For Class 56 Rating, Add	*26,396.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3615	EA	48" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	95,042.16	2,395.09
		For Class 52 Rating, Deduct	*-10,055.46*	
		For Class 54 Rating, Add	*13,755.53*	
		For Class 55 Rating, Add	*20,472.24*	
		For Class 56 Rating, Add	*27,097.54*	
40 05 19 00-3616	EA	48" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	98,082.55	2,397.89
		For Class 52 Rating, Deduct	*-10,389.43*	
		For Class 54 Rating, Add	*14,211.01*	
		For Class 55 Rating, Add	*21,149.41*	
		For Class 56 Rating, Add	*27,993.36*	
40 05 19 00-3617	EA	48" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	100,779.19	2,400.69
		For Class 52 Rating, Deduct	*-10,685.59*	
		For Class 54 Rating, Add	*14,614.91*	
		For Class 55 Rating, Add	*21,749.91*	
		For Class 56 Rating, Add	*28,787.77*	
40 05 19 00-3618	EA	48" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	103,503.18	2,403.49
		For Class 52 Rating, Deduct	*-10,984.77*	
		For Class 54 Rating, Add	*15,022.93*	
		For Class 55 Rating, Add	*22,356.52*	
		For Class 56 Rating, Add	*29,590.25*	
40 05 19 00-3619	EA	48" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	106,199.81	2,406.28
		For Class 52 Rating, Deduct	*-11,280.93*	
		For Class 54 Rating, Add	*15,426.84*	
		For Class 55 Rating, Add	*22,957.02*	
		For Class 56 Rating, Add	*30,384.66*	
40 05 19 00-3620	EA	48" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	108,896.43	2,409.10
		For Class 52 Rating, Deduct	*-11,577.09*	
		For Class 54 Rating, Add	*15,830.75*	
		For Class 55 Rating, Add	*23,557.53*	
		For Class 56 Rating, Add	*31,179.06*	
40 05 19 00-3621	EA	48" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	111,620.45	2,411.90
		For Class 52 Rating, Deduct	*-11,876.27*	
		For Class 54 Rating, Add	*16,238.76*	
		For Class 55 Rating, Add	*24,164.14*	
		For Class 56 Rating, Add	*31,981.55*	

40 05 19 00-3622 Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbows *(40 05 19 00-2073)*

40 05 19 00-3623	EA	4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	804.40	135.15
40 05 19 00-3624	EA	6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	1,180.60	172.83
40 05 19 00-3625	EA	8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	1,690.68	195.76
40 05 19 00-3626	EA	10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	2,418.42	248.18
40 05 19 00-3627	EA	12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	3,017.01	275.21
40 05 19 00-3628	EA	14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	3,704.69	298.96
40 05 19 00-3629	EA	16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	4,549.20	368.58
40 05 19 00-3630	EA	18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	5,708.96	442.31
40 05 19 00-3631	EA	20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	6,976.13	556.98
40 05 19 00-3632	EA	24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	10,401.67	630.70
40 05 19 00-3633	EA	30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	16,158.87	835.46
40 05 19 00-3634	EA	36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	23,995.47	946.04
40 05 19 00-3635	EA	42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	41,013.03	1,081.20
40 05 19 00-3636	EA	48" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	54,267.87	1,326.92

40 05 19 00-3637 Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbows *(40 05 19 00-2073)*

40 05 19 00-3638	EA	4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	765.77	135.15
40 05 19 00-3639	EA	6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	1,116.78	172.83
40 05 19 00-3640	EA	8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	1,532.80	195.76
40 05 19 00-3641	EA	10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	2,193.36	248.18
40 05 19 00-3642	EA	12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	2,726.44	275.21
40 05 19 00-3643	EA	14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	3,178.97	298.96
40 05 19 00-3644	EA	16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	3,907.59	368.58
40 05 19 00-3645	EA	18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	4,976.65	442.31
40 05 19 00-3646	EA	20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	6,258.94	556.98
40 05 19 00-3647	EA	24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	8,229.95	630.70
40 05 19 00-3648	EA	30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	15,774.24	835.46
40 05 19 00-3649	EA	36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	23,481.51	946.04
40 05 19 00-3650	EA	42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	35,540.90	1,081.20
40 05 19 00-3651	EA	48" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	48,075.19	1,326.92

40 05 19 00-3652 Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbows *(40 05 19 00-2073)*

40 05 19 00-3653	EA	4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	764.09	135.15

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3654	EA	6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	1,094.94	172.83
40 05 19 00-3655	EA	8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	1,519.36	195.76
40 05 19 00-3656	EA	10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	2,141.29	248.18
40 05 19 00-3657	EA	12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	2,842.33	275.21
40 05 19 00-3658	EA	14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	3,533.37	298.96
40 05 19 00-3659	EA	16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	3,988.21	368.58
40 05 19 00-3660	EA	18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	5,074.07	442.31
40 05 19 00-3661	EA	20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	6,677.16	556.98
40 05 19 00-3662	EA	24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	9,195.72	630.70
40 05 19 00-3663	EA	30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	15,945.56	835.46
40 05 19 00-3664	EA	36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	23,872.86	946.04
40 05 19 00-3665	EA	42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	36,321.91	1,081.20
40 05 19 00-3666	EA	48" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	49,096.39	1,326.92
40 05 19 00-3667		**Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbows** *(40 05 19 00-2073)*		
40 05 19 00-3668	EA	4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	829.59	135.15
40 05 19 00-3669	EA	6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	1,217.55	172.83
40 05 19 00-3670	EA	8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	1,569.75	195.76
40 05 19 00-3671	EA	10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	2,321.01	248.18
40 05 19 00-3672	EA	12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	3,176.57	275.21
40 05 19 00-3673	EA	14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	3,619.03	298.96
40 05 19 00-3674	EA	16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	4,349.33	368.58
40 05 19 00-3675	EA	18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	5,074.07	442.31
40 05 19 00-3676	EA	20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	6,677.16	556.98
40 05 19 00-3677	EA	24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	9,538.36	630.70
40 05 19 00-3678	EA	30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	16,113.52	835.46
40 05 19 00-3679	EA	36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	24,044.18	946.04
40 05 19 00-3680	EA	42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	36,501.63	1,081.20
40 05 19 00-3681	EA	48" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	49,459.18	1,326.92
40 05 19 00-3682		**Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbows** *(40 05 19 00-2073)*		
40 05 19 00-3683	EA	6" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,150.38	153.99
40 05 19 00-3684	EA	8" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,486.88	165.45
40 05 19 00-3685	EA	8" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,614.51	184.29
40 05 19 00-3686	EA	10" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,223.62	191.66
40 05 19 00-3687	EA	10" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,263.93	210.50
40 05 19 00-3688	EA	10" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,430.78	221.97
40 05 19 00-3689	EA	12" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,656.21	224.43
40 05 19 00-3690	EA	12" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,967.52	235.90
40 05 19 00-3691	EA	12" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,106.33	262.11
40 05 19 00-3692	EA	14" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,095.17	235.90
40 05 19 00-3693	EA	14" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,357.77	247.37
40 05 19 00-3694	EA	14" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,639.34	273.58
40 05 19 00-3695	EA	14" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,956.04	287.50
40 05 19 00-3696	EA	16" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,562.77	270.71
40 05 19 00-3697	EA	16" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,776.66	282.18
40 05 19 00-3698	EA	16" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	4,206.04	308.39
40 05 19 00-3699	EA	16" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	4,523.81	321.90
40 05 19 00-3700	EA	16" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	4,783.67	333.77
40 05 19 00-3701	EA	18" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	4,137.62	307.56
40 05 19 00-3702	EA	18" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	4,793.24	319.03
40 05 19 00-3703	EA	18" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	4,878.30	345.24
40 05 19 00-3704	EA	18" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	5,095.29	358.76
40 05 19 00-3705	EA	18" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	5,455.92	370.64
40 05 19 00-3706	EA	18" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	5,847.95	405.45
40 05 19 00-3707	EA	20" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	5,175.15	364.90
40 05 19 00-3708	EA	20" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	5,457.90	376.37
40 05 19 00-3709	EA	20" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	6,550.72	402.58
40 05 19 00-3710	EA	20" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	6,749.22	416.10
40 05 19 00-3711	EA	20" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	7,356.76	427.97
40 05 19 00-3712	EA	20" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	7,167.65	462.78
40 05 19 00-3713	EA	20" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	7,537.59	499.65
40 05 19 00-3714	EA	24" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	7,167.57	401.76
40 05 19 00-3715	EA	24" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	7,445.29	413.23
40 05 19 00-3716	EA	24" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	7,908.26	439.44
40 05 19 00-3717	EA	24" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	8,244.49	452.95
40 05 19 00-3718	EA	24" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	8,894.02	464.84
40 05 19 00-3719	EA	24" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	9,474.16	499.65
40 05 19 00-3720	EA	24" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	9,634.14	536.50
40 05 19 00-3721	EA	24" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	10,097.12	530.57
40 05 19 00-3722	EA	30" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	12,192.16	555.34
40 05 19 00-3723	EA	30" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	12,888.72	567.21
40 05 19 00-3724	EA	30" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	14,595.87	602.02
40 05 19 00-3725	EA	30" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	16,437.13	638.89
40 05 19 00-3726	EA	30" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	22,016.29	696.22
40 05 19 00-3727	EA	30" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	23,530.03	733.08

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3728	EA	36" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	21,266.98	751.51
40 05 19 00-3729	EA	36" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	23,237.57	788.37
40 05 19 00-3730	EA	36" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	24,353.43	890.76
40 05 19 00-3731	EA	42" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	31,562.86	819.08
40 05 19 00-3732	EA	42" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	32,325.82	855.95
40 05 19 00-3733	EA	42" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	32,286.11	958.33
40 05 19 00-3734	EA	42" x 36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	46,110.69	1,013.62
40 05 19 00-3735	EA	48" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	44,103.28	989.05
40 05 19 00-3736	EA	48" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	47,940.11	1,091.43
40 05 19 00-3737	EA	48" x 36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	49,308.76	1,146.72
40 05 19 00-3738	EA	48" x 42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	61,191.87	1,214.30

40 05 19 00-3739 Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbows *(40 05 19 00-2073)*

40 05 19 00-3740	EA	4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	947.16	135.15
40 05 19 00-3741	EA	6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	1,493.01	172.83
40 05 19 00-3742	EA	8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	2,221.43	195.76
40 05 19 00-3743	EA	10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	3,103.70	248.18
40 05 19 00-3744	EA	12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	4,347.25	275.21
40 05 19 00-3745	EA	14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	5,098.75	298.96
40 05 19 00-3746	EA	16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	6,499.22	368.58
40 05 19 00-3747	EA	18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	7,956.26	442.31
40 05 19 00-3748	EA	20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	10,625.90	556.98
40 05 19 00-3749	EA	24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	15,511.01	630.70
40 05 19 00-3750	EA	30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	26,883.12	835.46
40 05 19 00-3751	EA	36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	40,729.32	946.04
40 05 19 00-3752	EA	42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	62,780.65	1,081.20

40 05 19 00-3753 Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbows *(40 05 19 00-2073)*

40 05 19 00-3754	EA	6" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	1,995.71	153.99
40 05 19 00-3755	EA	8" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	3,377.63	165.45
40 05 19 00-3756	EA	8" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	3,184.09	184.29
40 05 19 00-3757	EA	10" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	3,568.52	191.66
40 05 19 00-3758	EA	10" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	3,943.88	210.50
40 05 19 00-3759	EA	10" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	4,079.39	221.97
40 05 19 00-3760	EA	12" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	8,274.10	224.43
40 05 19 00-3761	EA	12" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	6,341.97	235.90
40 05 19 00-3762	EA	12" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	6,381.69	262.11
40 05 19 00-3763	EA	14" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	8,504.46	247.37
40 05 19 00-3764	EA	14" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	12,109.58	273.58
40 05 19 00-3765	EA	14" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	11,838.31	287.50
40 05 19 00-3766	EA	16" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	15,620.94	282.18
40 05 19 00-3767	EA	16" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	15,515.13	308.39
40 05 19 00-3768	EA	16" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	14,472.50	321.90
40 05 19 00-3769	EA	16" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	14,359.16	333.77
40 05 19 00-3770	EA	18" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	21,283.07	358.76
40 05 19 00-3771	EA	18" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	19,384.63	370.64
40 05 19 00-3772	EA	18" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	17,520.97	405.45
40 05 19 00-3773	EA	20" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	28,618.93	427.97
40 05 19 00-3774	EA	20" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	24,077.66	462.78
40 05 19 00-3775	EA	20" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	19,539.48	499.65
40 05 19 00-3776	EA	24" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	35,905.79	464.84
40 05 19 00-3777	EA	24" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	28,686.90	499.65
40 05 19 00-3778	EA	24" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	21,471.10	536.50

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3779	EA	24" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow	29,356.49	530.57
40 05 19 00-3780		**Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbows With Base** *(40 05 19 00-2073)*		
40 05 19 00-3781	EA	4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	994.19	135.15
40 05 19 00-3782	EA	6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	1,400.63	172.83
40 05 19 00-3783	EA	8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	2,283.58	195.76
40 05 19 00-3784	EA	10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	3,056.67	248.18
40 05 19 00-3785	EA	12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	4,090.28	275.21
40 05 19 00-3786	EA	14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	4,851.85	298.96
40 05 19 00-3787	EA	16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	5,913.03	368.58
40 05 19 00-3788	EA	18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	7,324.74	442.31
40 05 19 00-3789	EA	20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	9,465.30	556.98
40 05 19 00-3790	EA	24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	13,300.66	630.70
40 05 19 00-3791	EA	30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	21,469.77	835.46
40 05 19 00-3792	EA	36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	30,582.86	946.04
40 05 19 00-3793	EA	42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	53,890.53	1,081.20
40 05 19 00-3794	EA	48" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	60,460.56	1,326.92
40 05 19 00-3795		**Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tees** *(40 05 19 00-2073)*		
40 05 19 00-3796	EA	4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee	1,217.38	217.06
40 05 19 00-3797	EA	6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee	1,576.94	267.02
40 05 19 00-3798	EA	8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee	2,285.86	298.15
40 05 19 00-3799	EA	10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee	3,235.74	387.42
40 05 19 00-3800	EA	12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee	4,335.50	422.65
40 05 19 00-3801	EA	14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee	5,819.95	454.59
40 05 19 00-3802	EA	16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee	6,283.76	573.36
40 05 19 00-3803	EA	18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee	7,808.66	655.27
40 05 19 00-3804	EA	20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee	9,822.77	827.27
40 05 19 00-3805	EA	24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee	14,499.76	913.28
40 05 19 00-3806	EA	30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee	23,851.81	1,261.39
40 05 19 00-3807	EA	36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee	33,750.12	1,445.69
40 05 19 00-3808	EA	42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee	72,273.75	1,670.94
40 05 19 00-3809		**Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tees** *(40 05 19 00-2073)*		
40 05 19 00-3810	EA	6" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	1,625.37	242.45
40 05 19 00-3811	EA	8" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	2,113.19	247.37
40 05 19 00-3812	EA	8" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	2,076.37	278.49
40 05 19 00-3813	EA	10" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	2,819.70	273.58
40 05 19 00-3814	EA	10" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	2,744.25	304.70
40 05 19 00-3815	EA	10" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	2,859.69	324.36
40 05 19 00-3816	EA	12" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	3,605.01	287.50
40 05 19 00-3817	EA	12" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	3,558.11	318.62
40 05 19 00-3818	EA	12" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	3,712.19	338.28
40 05 19 00-3819	EA	12" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	4,279.72	401.35
40 05 19 00-3820	EA	14" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	5,172.66	298.96
40 05 19 00-3821	EA	14" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	5,045.14	330.09
40 05 19 00-3822	EA	14" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	5,222.72	349.75
40 05 19 00-3823	EA	14" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	5,415.71	412.82
40 05 19 00-3824	EA	14" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	5,693.81	434.53
40 05 19 00-3825	EA	16" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	6,244.92	333.77
40 05 19 00-3826	EA	16" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	5,245.69	364.90
40 05 19 00-3827	EA	16" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	5,364.49	384.57
40 05 19 00-3828	EA	16" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	6,477.89	447.63
40 05 19 00-3829	EA	16" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	5,791.90	469.34
40 05 19 00-3830	EA	16" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	6,925.81	489.40
40 05 19 00-3831	EA	18" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	5,859.16	401.76
40 05 19 00-3832	EA	18" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	6,905.10	421.42
40 05 19 00-3833	EA	18" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	6,851.18	484.49
40 05 19 00-3834	EA	18" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	6,469.20	506.19
40 05 19 00-3835	EA	18" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	7,986.05	526.27
40 05 19 00-3836	EA	18" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	8,407.19	610.22
40 05 19 00-3837	EA	20" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	8,371.37	459.10
40 05 19 00-3838	EA	20" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	8,505.30	478.75
40 05 19 00-3839	EA	20" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	8,760.42	541.83
40 05 19 00-3840	EA	20" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	9,057.01	563.53
40 05 19 00-3841	EA	20" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	9,139.47	583.60
40 05 19 00-3842	EA	20" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	10,793.43	667.56
40 05 19 00-3843	EA	20" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	10,965.84	712.60
40 05 19 00-3844	EA	24" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	9,676.84	495.96
40 05 19 00-3845	EA	24" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	10,052.63	515.62
40 05 19 00-3846	EA	24" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	10,341.35	578.68
40 05 19 00-3847	EA	24" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	11,465.97	600.39
40 05 19 00-3848	EA	24" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	11,706.33	620.46

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3849	EA	24" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	11,972.93	704.41
40 05 19 00-3850	EA	24" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	15,479.33	749.46
40 05 19 00-3851	EA	24" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	15,930.09	800.86
40 05 19 00-3852	EA	30" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	19,195.74	598.34
40 05 19 00-3853	EA	30" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	19,280.95	618.00
40 05 19 00-3854	EA	30" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	19,715.80	681.07
40 05 19 00-3855	EA	30" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	19,748.68	702.78
40 05 19 00-3856	EA	30" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	19,779.08	722.84
40 05 19 00-3857	EA	30" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	19,906.29	806.80
40 05 19 00-3858	EA	30" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	20,533.87	851.85
40 05 19 00-3859	EA	30" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	21,525.57	966.52
40 05 19 00-3860	EA	30" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	26,252.52	1,015.67
40 05 19 00-3861	EA	36" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	27,573.17	856.36
40 05 19 00-3862	EA	36" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	27,821.81	871.92
40 05 19 00-3863	EA	36" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	27,944.89	916.56
40 05 19 00-3864	EA	36" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	28,141.20	934.16
40 05 19 00-3865	EA	36" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	28,222.51	950.14
40 05 19 00-3866	EA	36" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	28,423.34	1,009.52
40 05 19 00-3867	EA	36" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	28,544.18	1,050.48
40 05 19 00-3868	EA	36" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	28,897.87	1,136.48
40 05 19 00-3869	EA	36" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	29,473.63	1,179.48
40 05 19 00-3870	EA	36" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	38,131.99	1,353.54
40 05 19 00-3871	EA	42" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	41,947.67	825.64
40 05 19 00-3872	EA	42" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	42,040.22	845.70
40 05 19 00-3873	EA	42" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	42,285.01	929.66
40 05 19 00-3874	EA	42" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	42,413.72	974.71
40 05 19 00-3875	EA	42" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	42,827.65	1,089.39
40 05 19 00-3876	EA	42" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	43,384.17	1,138.53
40 05 19 00-3877	EA	42" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	54,339.63	1,384.26
40 05 19 00-3878	EA	42" x 36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	69,387.80	1,513.26
40 05 19 00-3879	EA	48" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	56,357.08	958.74
40 05 19 00-3880	EA	48" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	56,387.49	978.81
40 05 19 00-3881	EA	48" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	56,692.73	1,062.76
40 05 19 00-3882	EA	48" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	56,760.99	1,107.82
40 05 19 00-3883	EA	48" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	57,174.91	1,222.49
40 05 19 00-3884	EA	48" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	57,672.63	1,271.63
40 05 19 00-3885	EA	48" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	58,886.43	1,517.36

40 05 19 00-3886 Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tees With Base *(40 05 19 00-2073)*

40 05 19 00-3887	EA	4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base	1,314.80	217.06
40 05 19 00-3888	EA	6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base	1,860.79	267.02
40 05 19 00-3889	EA	8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base	2,766.23	298.15
40 05 19 00-3890	EA	10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base	4,146.08	387.42
40 05 19 00-3891	EA	12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base	5,598.56	422.65
40 05 19 00-3892	EA	14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base	6,312.07	454.59
40 05 19 00-3893	EA	16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base	7,734.93	573.36
40 05 19 00-3894	EA	18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base	9,352.21	655.27
40 05 19 00-3895	EA	20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base	12,296.82	827.27
40 05 19 00-3896	EA	24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base	17,727.95	913.28
40 05 19 00-3897	EA	30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base	29,387.78	1,261.39
40 05 19 00-3898	EA	36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base	41,879.39	1,445.69

40 05 19 00-3899 Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Wyes *(40 05 19 00-2073)*

40 05 19 00-3900	EA	4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Wye	1,071.25	217.06
40 05 19 00-3901	EA	6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Wye	1,565.18	267.02
40 05 19 00-3902	EA	8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Wye	2,324.49	298.15
40 05 19 00-3903	EA	10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Wye	3,064.42	387.42
40 05 19 00-3904	EA	12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Wye	4,647.91	422.65
40 05 19 00-3905	EA	14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Wye	6,233.13	454.59

40 05 19 00-3906 Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Crosses *(40 05 19 00-2073)*

40 05 19 00-3907	EA	4" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	1,375.08	298.96
40 05 19 00-3908	EA	6" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	1,943.68	323.95
40 05 19 00-3909	EA	6" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	2,016.95	361.21
40 05 19 00-3910	EA	8" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	2,517.78	329.27
40 05 19 00-3911	EA	8" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	2,684.33	372.68
40 05 19 00-3912	EA	8" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	2,741.64	400.54
40 05 19 00-3913	EA	10" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	3,314.99	355.48
40 05 19 00-3914	EA	10" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	3,577.28	398.89
40 05 19 00-3915	EA	10" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	3,864.69	426.75
40 05 19 00-3916	EA	10" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	4,649.31	526.68
40 05 19 00-3917	EA	12" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	4,343.23	368.99
40 05 19 00-3918	EA	12" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	4,506.42	412.41
40 05 19 00-3919	EA	12" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	4,793.84	440.26

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3920	EA	12" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	5,628.84	540.18
40 05 19 00-3921	EA	12" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	5,274.39	570.08
40 05 19 00-3922	EA	14" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	5,433.08	424.29
40 05 19 00-3923	EA	14" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	5,720.49	452.13
40 05 19 00-3924	EA	14" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	6,211.18	552.06
40 05 19 00-3925	EA	14" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	6,699.89	581.96
40 05 19 00-3926	EA	14" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	6,984.57	610.22
40 05 19 00-3927	EA	16" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	6,488.54	459.10
40 05 19 00-3928	EA	16" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	6,822.99	486.94
40 05 19 00-3929	EA	16" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	7,315.35	586.87
40 05 19 00-3930	EA	16" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	7,851.10	616.77
40 05 19 00-3931	EA	16" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	10,781.15	645.03
40 05 19 00-3932	EA	16" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	8,683.43	778.13
40 05 19 00-3933	EA	18" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	6,818.17	495.96
40 05 19 00-3934	EA	18" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	7,152.61	523.81
40 05 19 00-3935	EA	18" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	7,547.56	623.73
40 05 19 00-3936	EA	18" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	8,083.30	653.63
40 05 19 00-3937	EA	18" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	9,199.38	681.89
40 05 19 00-3938	EA	18" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	9,842.78	814.99
40 05 19 00-3939	EA	18" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	10,214.02	868.23
40 05 19 00-3940	EA	20" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	8,777.79	553.30
40 05 19 00-3941	EA	20" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	9,135.75	581.14
40 05 19 00-3942	EA	20" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	9,497.11	681.07
40 05 19 00-3943	EA	20" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	10,068.12	710.97
40 05 19 00-3944	EA	20" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	10,218.43	739.22
40 05 19 00-3945	EA	20" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	12,208.88	872.33
40 05 19 00-3946	EA	20" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	12,603.63	925.57
40 05 19 00-3947	EA	20" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	13,601.59	1,097.58
40 05 19 00-3948	EA	24" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	11,608.34	590.15
40 05 19 00-3949	EA	24" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	11,863.84	618.00
40 05 19 00-3950	EA	24" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	12,381.40	717.93
40 05 19 00-3951	EA	24" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	12,742.47	747.83
40 05 19 00-3952	EA	24" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	12,943.16	776.08
40 05 19 00-3953	EA	24" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	13,512.67	909.19
40 05 19 00-3954	EA	24" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	17,330.44	962.43
40 05 19 00-3955	EA	24" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	18,177.11	1,071.16
40 05 19 00-3956	EA	24" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	19,839.07	1,195.87
40 05 19 00-3957	EA	30" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	20,816.91	850.21
40 05 19 00-3958	EA	30" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	20,915.15	878.47
40 05 19 00-3959	EA	30" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	21,509.84	1,011.57
40 05 19 00-3960	EA	30" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	21,706.40	1,064.81
40 05 19 00-3961	EA	30" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	22,585.12	1,236.82
40 05 19 00-3962	EA	30" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	29,161.44	1,298.25
40 05 19 00-3963	EA	30" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	32,624.74	1,687.31
40 05 19 00-3964	EA	36" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	29,150.65	1,081.60
40 05 19 00-3965	EA	36" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	29,187.26	1,105.76
40 05 19 00-3966	EA	36" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	29,694.33	1,214.30
40 05 19 00-3967	EA	36" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	29,879.65	1,263.44
40 05 19 00-3968	EA	36" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	30,604.07	1,406.78
40 05 19 00-3969	EA	36" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	31,589.78	1,462.07
40 05 19 00-3970	EA	36" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	42,160.03	1,779.46
40 05 19 00-3971	EA	36" x 36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	46,020.81	1,945.33
40 05 19 00-3972	EA	42" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	43,433.39	1,134.44
40 05 19 00-3973	EA	42" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	43,576.19	1,187.68
40 05 19 00-3974	EA	42" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	44,411.24	1,359.69
40 05 19 00-3975	EA	42" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	45,461.69	1,421.12
40 05 19 00-3976	EA	42" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	58,550.77	1,810.18
40 05 19 00-3977	EA	42" x 42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	79,705.11	2,012.90
40 05 19 00-3978	EA	48" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	59,153.20	1,492.78
40 05 19 00-3979	EA	48" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	60,203.65	1,554.21
40 05 19 00-3980	EA	48" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	62,516.41	1,943.28

40 05 19 00-3981 Flanged End x Flanged End, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducers *(40 05 19 00-2073)*

40 05 19 00-3982	EA	6" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	984.10	153.99
40 05 19 00-3983	EA	8" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,312.20	165.45
40 05 19 00-3984	EA	8" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,394.48	184.29
40 05 19 00-3985	EA	10" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,751.65	191.66
40 05 19 00-3986	EA	10" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,743.25	210.50
40 05 19 00-3987	EA	10" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,958.81	221.97
40 05 19 00-3988	EA	12" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,238.00	205.59
40 05 19 00-3989	EA	12" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,271.58	224.43
40 05 19 00-3990	EA	12" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,431.73	235.90
40 05 19 00-3991	EA	12" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,642.77	262.11
40 05 19 00-3992	EA	14" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,754.21	235.90
40 05 19 00-3993	EA	14" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,968.10	247.37
40 05 19 00-3994	EA	14" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,175.77	273.58
40 05 19 00-3995	EA	14" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,082.65	287.50
40 05 19 00-3996	EA	16" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,272.20	270.71
40 05 19 00-3997	EA	16" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,118.26	282.18

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3998	EA	16" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,367.92	308.39
40 05 19 00-3999	EA	16" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,771.35	321.90
40 05 19 00-4000	EA	16" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	4,244.52	333.77
40 05 19 00-4001	EA	18" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,960.16	319.03
40 05 19 00-4002	EA	18" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	4,245.09	345.24
40 05 19 00-4003	EA	18" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	4,203.42	358.76
40 05 19 00-4004	EA	18" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	4,721.94	370.64
40 05 19 00-4005	EA	18" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	4,672.23	405.45
40 05 19 00-4006	EA	20" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	4,826.37	376.37
40 05 19 00-4007	EA	20" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	5,128.09	402.58
40 05 19 00-4008	EA	20" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	5,004.12	416.10
40 05 19 00-4009	EA	20" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	5,641.89	427.97
40 05 19 00-4010	EA	20" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	5,303.29	462.78
40 05 19 00-4011	EA	20" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	6,331.63	499.65
40 05 19 00-4012	EA	24" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	6,997.91	439.44
40 05 19 00-4013	EA	24" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	7,564.25	452.95
40 05 19 00-4014	EA	24" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	7,723.34	464.84
40 05 19 00-4015	EA	24" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	6,902.70	499.65
40 05 19 00-4016	EA	24" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	8,107.38	536.50
40 05 19 00-4017	EA	24" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	8,518.29	530.57
40 05 19 00-4018	EA	30" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	11,587.71	602.02
40 05 19 00-4019	EA	30" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	11,984.51	638.89
40 05 19 00-4020	EA	30" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	12,748.26	696.22
40 05 19 00-4021	EA	30" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	13,929.44	733.08
40 05 19 00-4022	EA	36" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	16,428.10	657.32
40 05 19 00-4023	EA	36" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	16,661.98	694.18
40 05 19 00-4024	EA	36" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	17,692.79	751.51
40 05 19 00-4025	EA	36" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	18,616.99	788.37
40 05 19 00-4026	EA	36" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	21,143.72	890.76
40 05 19 00-4027	EA	42" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	25,817.37	855.95
40 05 19 00-4028	EA	42" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	28,859.72	958.33
40 05 19 00-4029	EA	42" x 36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	32,369.89	1,013.62
40 05 19 00-4030	EA	48" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	34,205.40	989.05
40 05 19 00-4031	EA	48" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	36,231.62	1,091.43
40 05 19 00-4032	EA	48" x 36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	40,223.80	1,146.72
40 05 19 00-4033	EA	48" x 42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	44,777.13	1,214.30

40 05 19 00-4034 Flanged End x Flanged End, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducers *(40 05 19 00-2073)*

40 05 19 00-4035	EA	6" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,052.96	153.99
40 05 19 00-4036	EA	8" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,391.14	165.45
40 05 19 00-4037	EA	8" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,515.42	184.29
40 05 19 00-4038	EA	10" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,751.65	191.66
40 05 19 00-4039	EA	10" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,827.23	210.50
40 05 19 00-4040	EA	10" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,039.43	221.97
40 05 19 00-4041	EA	12" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,238.00	205.59
40 05 19 00-4042	EA	12" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,365.64	224.43
40 05 19 00-4043	EA	12" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,529.14	235.90
40 05 19 00-4044	EA	12" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,812.40	262.11
40 05 19 00-4045	EA	14" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,754.21	235.90
40 05 19 00-4046	EA	14" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,917.71	247.37
40 05 19 00-4047	EA	14" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,152.26	273.58
40 05 19 00-4048	EA	14" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,515.99	287.50
40 05 19 00-4049	EA	16" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,272.20	270.71
40 05 19 00-4050	EA	16" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,482.73	282.18
40 05 19 00-4051	EA	16" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,769.34	308.39
40 05 19 00-4052	EA	16" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	4,082.07	321.90
40 05 19 00-4053	EA	16" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	4,244.52	333.77
40 05 19 00-4054	EA	18" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,960.16	319.03
40 05 19 00-4055	EA	18" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	4,245.09	345.24
40 05 19 00-4056	EA	18" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	4,556.13	358.76
40 05 19 00-4057	EA	18" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	4,721.94	370.64
40 05 19 00-4058	EA	18" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	5,066.94	405.45
40 05 19 00-4059	EA	20" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	5,088.38	376.37
40 05 19 00-4060	EA	20" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	5,312.85	402.58
40 05 19 00-4061	EA	20" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	5,518.08	416.10
40 05 19 00-4062	EA	20" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	5,641.89	427.97
40 05 19 00-4063	EA	20" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	6,060.79	462.78
40 05 19 00-4064	EA	20" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	6,326.59	499.65
40 05 19 00-4065	EA	24" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	7,189.99	413.23
40 05 19 00-4066	EA	24" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	7,118.84	439.44
40 05 19 00-4067	EA	24" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	7,245.13	452.95
40 05 19 00-4068	EA	24" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	7,367.26	464.84
40 05 19 00-4069	EA	24" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	7,787.85	499.65
40 05 19 00-4070	EA	24" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	8,107.38	536.50
40 05 19 00-4071	EA	24" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	8,518.29	530.57
40 05 19 00-4072	EA	30" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	14,318.05	567.21
40 05 19 00-4073	EA	30" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	13,337.85	602.02
40 05 19 00-4074	EA	30" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	12,039.93	638.89
40 05 19 00-4075	EA	30" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	12,748.26	696.22

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-4076	EA	30" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	13,929.44	733.08
40 05 19 00-4077	EA	36" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	15,447.22	657.32
40 05 19 00-4078	EA	36" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	16,084.20	694.18
40 05 19 00-4079	EA	36" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	17,015.91	751.51
40 05 19 00-4080	EA	36" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	18,558.20	788.37
40 05 19 00-4081	EA	36" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	21,441.01	890.76
40 05 19 00-4082	EA	42" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	25,817.37	855.95
40 05 19 00-4083	EA	42" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	28,859.72	958.33
40 05 19 00-4084	EA	42" x 36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	32,369.89	1,013.62
40 05 19 00-4085	EA	48" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	36,231.62	1,091.43
40 05 19 00-4086	EA	48" x 36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	40,223.80	1,146.72
40 05 19 00-4087	EA	48" x 42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	44,777.13	1,214.30

40 05 19 00-4088 Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flanges *(40 05 19 00-2073)*

40 05 19 00-4089	EA	4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange	488.81	53.24
40 05 19 00-4090	EA	6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange	743.95	78.64
40 05 19 00-4091	EA	8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange	994.72	93.37
40 05 19 00-4092	EA	10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange	1,449.95	108.93
40 05 19 00-4093	EA	12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange	1,923.60	127.77
40 05 19 00-4094	EA	14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange	2,654.28	143.34
40 05 19 00-4095	EA	16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange	3,207.67	163.82
40 05 19 00-4096	EA	18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange	4,316.38	229.34
40 05 19 00-4097	EA	20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange	5,797.32	286.68
40 05 19 00-4098	EA	24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange	8,507.22	348.11
40 05 19 00-4099	EA	30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange	12,342.97	405.45
40 05 19 00-4100	EA	36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange	23,183.01	446.40
40 05 19 00-4101	EA	42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange	33,258.32	491.45
40 05 19 00-4102	EA	48" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange	44,349.42	552.89

40 05 19 00-4103 Ductile Iron Bolt Packs *(40 05 19)*

Note: Labor installation is included with pipe fittings or valves.

40 05 19 00-4104	EA	4" Pipe Diameter, Ductile Iron Flange Bolt Pack Note: Includes eight (8) 5/8" diameter plain finish bolts with washers and nut.	37.51
		For Zinc Plated, Add	*10.50*
		For Hot Dip Galvanized, Add	*15.00*
40 05 19 00-4105	EA	6" Pipe Diameter, Ductile Iron Flange Bolt Pack Note: Includes eight (8) 3/4" diameter plain finish bolts with washers and nut.	57.88
		For Zinc Plated, Add	*16.21*
		For Hot Dip Galvanized, Add	*23.15*
40 05 19 00-4106	EA	8" Pipe Diameter, Ductile Iron Flange Bolt Pack Note: Includes eight (8) 3/4" diameter plain finish bolts with washers and nut.	62.85
		For Zinc Plated, Add	*17.60*
		For Hot Dip Galvanized, Add	*25.14*
40 05 19 00-4107	EA	10" Pipe Diameter, Ductile Iron Flange Bolt Pack Note: Includes twelve (12) 7/8" diameter plain finish bolts with washers and nut.	141.17
		For Zinc Plated, Add	*39.53*
		For Hot Dip Galvanized, Add	*56.47*
40 05 19 00-4108	EA	12" Pipe Diameter, Ductile Iron Flange Bolt Pack Note: Includes twelve (12) 7/8" diameter plain finish bolts with washers and nut.	142.41
		For Zinc Plated, Add	*39.87*
		For Hot Dip Galvanized, Add	*56.96*
40 05 19 00-4109	EA	14" Pipe Diameter, Ductile Iron Flange Bolt Pack Note: Includes twelve (12) 1" diameter plain finish bolts with washers and nut.	159.55
		For Zinc Plated, Add	*44.67*
		For Hot Dip Galvanized, Add	*63.82*
40 05 19 00-4110	EA	16" Pipe Diameter, Ductile Iron Flange Bolt Pack Note: Includes sixteen (16) 1" diameter plain finish bolts with washers and nut.	268.23
		For Zinc Plated, Add	*75.10*
		For Hot Dip Galvanized, Add	*107.29*
40 05 19 00-4111	EA	18" Pipe Diameter, Ductile Iron Flange Bolt Pack Note: Includes sixteen (16) 1-1/8" diameter plain finish bolts with washers and nut.	389.66
		For Zinc Plated, Add	*109.10*
		For Hot Dip Galvanized, Add	*155.86*
40 05 19 00-4112	EA	20" Pipe Diameter, Ductile Iron Flange Bolt Pack Note: Includes twenty (20) 1-1/8" diameter plain finish bolts with washers and nut.	492.00
		For Zinc Plated, Add	*137.76*
		For Hot Dip Galvanized, Add	*196.80*
40 05 19 00-4113	EA	24" Pipe Diameter, Ductile Iron Flange Bolt Pack Note: Includes twenty (20) 1-1/4" diameter plain finish bolts with washers and nut.	703.96
		For Zinc Plated, Add	*197.11*
		For Hot Dip Galvanized, Add	*281.58*
40 05 19 00-4114	EA	30" Pipe Diameter, Ductile Iron Flange Bolt Pack Note: Includes twenty-eight (28) 1-1/4" diameter plain finish bolts with washers and nut.	1,112.37
		For Zinc Plated, Add	*311.46*
		For Hot Dip Galvanized, Add	*444.95*
40 05 19 00-4115	EA	36" Pipe Diameter, Ductile Iron Flange Bolt Pack Note: Includes thirty-two (32) 1-1/2" diameter plain finish bolts with washers and nut.	1,586.82
		For Zinc Plated, Add	*444.31*
		For Hot Dip Galvanized, Add	*634.73*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-4116	EA	42" Pipe Diameter, Ductile Iron Flange Bolt Pack Note: Includes thirty-six (36) 1-1/2" diameter plain finish bolts with washers and nut.	2,041.39	
		For Zinc Plated, Add	*571.59*	
		For Hot Dip Galvanized, Add	*816.56*	
40 05 19 00-4117	EA	48" Pipe Diameter, Ductile Iron Flange Bolt Pack Note: Includes forty-four (44) 1-1/2" diameter plain finish bolts with washers and nut.	2,495.03	
		For Zinc Plated, Add	*698.61*	
		For Hot Dip Galvanized, Add	*998.01*	

40 05 19 00-4118 Full Face Flange Gaskets, ANSI/AWWA C115/A21.15 *(40 05 19)*

Note: Labor installation is included with pipe fittings or valves.

40 05 19 00-4119 Full Face Flange Styrene Butadiene (SBR) Gaskets *(40 05 19 00-4118)*

40 05 19 00-4120	EA	4" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	8.24
40 05 19 00-4121	EA	6" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	10.48
40 05 19 00-4122	EA	8" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	14.23
40 05 19 00-4123	EA	10" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	16.47
40 05 19 00-4124	EA	12" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	17.97
40 05 19 00-4125	EA	14" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	29.95
40 05 19 00-4126	EA	16" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	36.69
40 05 19 00-4127	EA	18" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	38.94
40 05 19 00-4128	EA	20" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	59.90
40 05 19 00-4129	EA	24" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	64.39
40 05 19 00-4130	EA	30" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	83.11
40 05 19 00-4131	EA	36" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	95.09
40 05 19 00-4132	EA	42" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	101.83
40 05 19 00-4133	EA	48" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	111.56

40 05 19 00-4134 Full Face Flange Nitrile Buna-N (NBR) Gaskets *(40 05 19 00-4118)*

Note: (Acrylonitrile Butadiene)

40 05 19 00-4135	EA	4" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	25.46
40 05 19 00-4136	EA	6" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	35.94
40 05 19 00-4137	EA	8" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	55.41
40 05 19 00-4138	EA	10" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	60.65
40 05 19 00-4139	EA	12" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	65.14
40 05 19 00-4140	EA	14" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	122.80
40 05 19 00-4141	EA	16" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	151.25
40 05 19 00-4142	EA	18" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	152.00
40 05 19 00-4143	EA	20" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	157.99
40 05 19 00-4144	EA	24" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	166.97
40 05 19 00-4145	EA	30" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	184.94
40 05 19 00-4146	EA	36" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	203.66
40 05 19 00-4147	EA	42" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	289.77
40 05 19 00-4148	EA	48" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	316.72

40 05 19 00-4149 Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gaskets *(40 05 19 00-4118)*

40 05 19 00-4150	EA	4" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	22.46
40 05 19 00-4151	EA	6" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	29.20
40 05 19 00-4152	EA	8" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	39.68
40 05 19 00-4153	EA	10" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	46.42
40 05 19 00-4154	EA	12" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	51.66
40 05 19 00-4155	EA	14" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	85.36
40 05 19 00-4156	EA	16" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	102.58
40 05 19 00-4157	EA	18" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	103.33
40 05 19 00-4158	EA	20" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	105.57
40 05 19 00-4159	EA	24" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	122.80
40 05 19 00-4160	EA	30" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	150.50
40 05 19 00-4161	EA	36" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	171.46
40 05 19 00-4162	EA	42" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	245.59
40 05 19 00-4163	EA	48" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	271.05

40 05 19 00-4164 Full Face Flange Neoprene Gaskets *(40 05 19 00-4118)*

Note: (Polychloroprene)

40 05 19 00-4165	EA	4" Full Face Flange Neoprene Gasket, 1/8" Thick	26.21
40 05 19 00-4166	EA	6" Full Face Flange Neoprene Gasket, 1/8" Thick	36.69
40 05 19 00-4167	EA	8" Full Face Flange Neoprene Gasket, 1/8" Thick	56.16
40 05 19 00-4168	EA	10" Full Face Flange Neoprene Gasket, 1/8" Thick	60.65
40 05 19 00-4169	EA	12" Full Face Flange Neoprene Gasket, 1/8" Thick	65.14
40 05 19 00-4170	EA	14" Full Face Flange Neoprene Gasket, 1/8" Thick	86.86
40 05 19 00-4171	EA	16" Full Face Flange Neoprene Gasket, 1/8" Thick	152.74
40 05 19 00-4172	EA	18" Full Face Flange Neoprene Gasket, 1/8" Thick	153.49
40 05 19 00-4173	EA	20" Full Face Flange Neoprene Gasket, 1/8" Thick	162.48
40 05 19 00-4174	EA	24" Full Face Flange Neoprene Gasket, 1/8" Thick	164.72
40 05 19 00-4175	EA	30" Full Face Flange Neoprene Gasket, 1/8" Thick	178.95
40 05 19 00-4176	EA	36" Full Face Flange Neoprene Gasket, 1/8" Thick	201.41
40 05 19 00-4177	EA	42" Full Face Flange Neoprene Gasket, 1/8" Thick	292.01
40 05 19 00-4178	EA	48" Full Face Flange Neoprene Gasket, 1/8" Thick	319.72

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-4179		Full Face Flange FKM Gaskets *(40 05 19 00-4118)* Note: (Fluoroelastomer Fluorel Viton®)		
40 05 19 00-4180	EA	4" Full Face Flange FKM Gasket, 1/8" Thick	141.16	
40 05 19 00-4181	EA	6" Full Face Flange FKM Gasket, 1/8" Thick	210.18	
40 05 19 00-4182	EA	8" Full Face Flange FKM Gasket, 1/8" Thick	280.76	
40 05 19 00-4183	EA	10" Full Face Flange FKM Gasket, 1/8" Thick	338.80	
40 05 19 00-4184	EA	12" Full Face Flange FKM Gasket, 1/8" Thick	440.75	
40 05 19 00-4185	EA	14" Full Face Flange FKM Gasket, 1/8" Thick	806.21	
40 05 19 00-4186	EA	16" Full Face Flange FKM Gasket, 1/8" Thick	923.85	
40 05 19 00-4187	EA	18" Full Face Flange FKM Gasket, 1/8" Thick	967.76	
40 05 19 00-4188	EA	20" Full Face Flange FKM Gasket, 1/8" Thick	1,032.07	
40 05 19 00-4189	EA	24" Full Face Flange FKM Gasket, 1/8" Thick	1,427.34	
40 05 19 00-4190	EA	30" Full Face Flange FKM Gasket, 1/8" Thick	1,711.23	
40 05 19 00-4191	EA	36" Full Face Flange FKM Gasket, 1/8" Thick	1,805.34	
40 05 19 00-4192	EA	42" Full Face Flange FKM Gasket, 1/8" Thick	2,250.80	
40 05 19 00-4193	EA	48" Full Face Flange FKM Gasket, 1/8" Thick	2,359.02	
40 05 19 00-4194		Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100) *(40 05 19)*		
40 05 19 00-4195	EA	4" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	419.10	79.57
40 05 19 00-4196	EA	6" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	581.27	97.13
40 05 19 00-4197	EA	8" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	860.29	118.47
40 05 19 00-4198	EA	10" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	1,181.44	144.52
40 05 19 00-4199	EA	12" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	1,499.87	176.23
40 05 19 00-4200	EA	14" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	2,409.30	215.01
40 05 19 00-4201	EA	16" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	3,788.56	262.39
40 05 19 00-4202	EA	18" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	3,912.09	320.04
40 05 19 00-4203	EA	20" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	4,792.92	390.53
40 05 19 00-4204	EA	24" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	5,340.52	476.35
40 05 19 00-4205	EA	30" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	6,882.62	581.26
40 05 19 00-4206	EA	36" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	10,231.05	709.05
40 05 19 00-4207	EA	42" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	26,666.15	865.12
40 05 19 00-4208	EA	48" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	34,060.91	1,055.37

40 05 23 Stainless Steel Process Pipe and Tubing *(40 05)*

40 05 23 23 300- and 400-Series Stainless Steel Process Pipe *(40 05 23)*

40 05 23 23-0001		Schedule 40 Pipe, Type 304, With 150 Lb. Screwed Fittings Assembly *(40 05 23 23)* Note: Includes hangers and fittings. Fittings are assumed every 10'. Not for use where detail is available.		
40 05 23 23-0002	LF	1/2" Stainless Steel Pipe, Schedule 40 Type 304 With 150 Lb. Screwed Fitting Assembly Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	30.72	9.80
		For Type 316, Add	*2.87*	
		For Work In Restricted Working Space, Add	*5.91*	
40 05 23 23-0003	LF	3/4" Stainless Steel Pipe, Schedule 40 Type 304 With 150 Lb. Screwed Fitting Assembly Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	34.96	11.23
		For Type 316, Add	*3.01*	
		For Work In Restricted Working Space, Add	*7.02*	
40 05 23 23-0004	LF	1" Stainless Steel Pipe, Schedule 40 Type 304 With 150 Lb. Screwed Fitting Assembly Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	40.70	12.67
		For Type 316, Add	*3.52*	
		For Work In Restricted Working Space, Add	*8.15*	
40 05 23 23-0005	LF	1-1/4" Stainless Steel Pipe, Schedule 40 Type 304 With 150 Lb. Screwed Fitting Assembly Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	46.34	15.30
		For Type 316, Add	*4.45*	
		For Work In Restricted Working Space, Add	*8.77*	
40 05 23 23-0006	LF	1-1/2" Stainless Steel Pipe, Schedule 40 Type 304 With 150 Lb. Screwed Fitting Assembly Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	50.93	15.74
		For Type 316, Add	*5.09*	
		For Work In Restricted Working Space, Add	*9.40*	
40 05 23 23-0007	LF	2" Stainless Steel Pipe, Schedule 40 Type 304 With 150 Lb. Screwed Fitting Assembly Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	61.64	20.81
		For Type 316, Add	*6.21*	
		For Work In Restricted Working Space, Add	*11.33*	
40 05 23 23-0008	LF	2-1/2" Stainless Steel Pipe, Schedule 40 Type 304 With 150 Lb. Screwed Fitting Assembly Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	87.84	25.65
		For Type 316, Add	*10.68*	
		For Work In Restricted Working Space, Add	*14.03*	
40 05 23 23-0009	LF	3" Stainless Steel Pipe, Schedule 40 Type 304 With 150 Lb. Screwed Fitting Assembly Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	110.71	29.72
		For Type 316, Add	*13.91*	
		For Work In Restricted Working Space, Add	*17.17*	
40 05 23 23-0010	LF	4" Stainless Steel Pipe, Schedule 40 Type 304 With 150 Lb. Screwed Fitting Assembly Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	149.62	29.72
		For Work In Restricted Working Space, Add	*21.78*	
40 05 23 23-0011		Stainless Steel Tubing And Fittings *(40 05 23 23)*		
40 05 23 23-0012		Type 304 Tubing *(40 05 23 23-0011)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0013		**0.035" Wall** *(40 05 23 23-0012)*		
40 05 23 23-0014	LF	1/4", 0.035" Wall, Type 304, Stainless Steel Tubing	8.52	3.23
		For Work In Restricted Working Space, Add	*1.92*	
40 05 23 23-0015	LF	3/8", 0.035" Wall, Type 304, Stainless Steel Tubing	9.90	3.83
		For Work In Restricted Working Space, Add	*2.31*	
40 05 23 23-0016	LF	1/2", 0.035" Wall, Type 304, Stainless Steel Tubing	11.81	4.54
		For Work In Restricted Working Space, Add	*2.70*	
40 05 23 23-0017	LF	5/8", 0.035" Wall, Type 304, Stainless Steel Tubing	18.85	5.15
		For Work In Restricted Working Space, Add	*3.08*	
40 05 23 23-0018	LF	3/4", 0.035" Wall, Type 304, Stainless Steel Tubing	22.30	5.74
		For Work In Restricted Working Space, Add	*3.47*	
40 05 23 23-0019	LF	7/8", 0.035" Wall, Type 304, Stainless Steel Tubing	24.69	6.46
		For Work In Restricted Working Space, Add	*3.86*	
40 05 23 23-0020	LF	1", 0.035" Wall, Type 304, Stainless Steel Tubing	27.68	7.77
		For Work In Restricted Working Space, Add	*4.63*	
40 05 23 23-0021		**0.049" Wall** *(40 05 23 23-0012)*		
40 05 23 23-0022	LF	1/4", 0.049" Wall, Type 304, Stainless Steel Tubing	13.93	3.83
		For Work In Restricted Working Space, Add	*2.31*	
40 05 23 23-0023	LF	3/8", 0.049" Wall, Type 304, Stainless Steel Tubing	15.56	4.54
		For Work In Restricted Working Space, Add	*2.70*	
40 05 23 23-0024	LF	1/2", 0.049" Wall, Type 304, Stainless Steel Tubing	18.66	5.15
		For Work In Restricted Working Space, Add	*3.08*	
40 05 23 23-0025	LF	5/8", 0.049" Wall, Type 304, Stainless Steel Tubing	23.61	6.46
		For Work In Restricted Working Space, Add	*3.86*	
40 05 23 23-0026	LF	3/4", 0.049" Wall, Type 304, Stainless Steel Tubing	27.07	7.77
		For Work In Restricted Working Space, Add	*4.63*	
40 05 23 23-0027	LF	7/8", 0.049" Wall, Type 304, Stainless Steel Tubing	30.47	8.97
		For Work In Restricted Working Space, Add	*5.40*	
40 05 23 23-0028	LF	1", 0.049" Wall, Type 304, Stainless Steel Tubing	35.13	10.16
		For Work In Restricted Working Space, Add	*6.13*	
40 05 23 23-0029		**0.065" Wall** *(40 05 23 23-0012)*		
40 05 23 23-0030	LF	1/4", 0.065" Wall, Type 304, Stainless Steel Tubing	16.27	4.54
		For Work In Restricted Working Space, Add	*2.70*	
40 05 23 23-0031	LF	3/8", 0.065" Wall, Type 304, Stainless Steel Tubing	18.71	5.15
		For Work In Restricted Working Space, Add	*3.08*	
40 05 23 23-0032	LF	1/2", 0.065" Wall, Type 304, Stainless Steel Tubing	23.09	6.46
		For Work In Restricted Working Space, Add	*3.86*	
40 05 23 23-0033	LF	5/8", 0.065" Wall, Type 304, Stainless Steel Tubing	27.16	7.77
		For Work In Restricted Working Space, Add	*4.63*	
40 05 23 23-0034	LF	3/4", 0.065" Wall, Type 304, Stainless Steel Tubing	32.02	8.97
		For Work In Restricted Working Space, Add	*5.40*	
40 05 23 23-0035	LF	7/8", 0.065" Wall, Type 304, Stainless Steel Tubing	36.77	10.16
		For Work In Restricted Working Space, Add	*6.13*	
40 05 23 23-0036	LF	1", 0.065" Wall, Type 304, Stainless Steel Tubing	41.45	11.48
		For Work In Restricted Working Space, Add	*6.90*	
40 05 23 23-0037		**Type 304 Tube Fittings** *(40 05 23 23-0011)*		
40 05 23 23-0038		**90 Degree Elbows** *(40 05 23 23-0037)*		
40 05 23 23-0039	EA	1/4", Type 304, Stainless Steel, 90 Degree Elbow	52.26	12.92
		For Work In Restricted Working Space, Add	*7.72*	
40 05 23 23-0040	EA	3/8", Type 304, Stainless Steel, 90 Degree Elbow	61.60	14.11
		For Work In Restricted Working Space, Add	*8.44*	
40 05 23 23-0041	EA	1/2", Type 304, Stainless Steel, 90 Degree Elbow	91.90	15.91
		For Work In Restricted Working Space, Add	*9.57*	
40 05 23 23-0042	EA	5/8", Type 304, Stainless Steel, 90 Degree Elbow	98.30	17.82
		For Work In Restricted Working Space, Add	*10.71*	
40 05 23 23-0043	EA	3/4", Type 304, Stainless Steel, 90 Degree Elbow	109.84	19.26
		For Work In Restricted Working Space, Add	*11.57*	
40 05 23 23-0044	EA	7/8", Type 304, Stainless Steel, 90 Degree Elbow	149.17	21.41
		For Work In Restricted Working Space, Add	*12.82*	
40 05 23 23-0045	EA	1", Type 304, Stainless Steel, 90 Degree Elbow	189.66	25.48
		For Work In Restricted Working Space, Add	*15.27*	
40 05 23 23-0046		**Union Tees** *(40 05 23 23-0037)*		
40 05 23 23-0047	EA	1/4", Type 304, Stainless Steel, Union Tee	82.72	19.26
		For Work In Restricted Working Space, Add	*11.57*	
40 05 23 23-0048	EA	3/8", Type 304, Stainless Steel, Union Tee	99.98	21.41
		For Work In Restricted Working Space, Add	*12.82*	
40 05 23 23-0049	EA	1/2", Type 304, Stainless Steel, Union Tee	135.69	23.92
		For Work In Restricted Working Space, Add	*14.36*	
40 05 23 23-0050	EA	5/8", Type 304, Stainless Steel, Union Tee	146.24	27.15
		For Work In Restricted Working Space, Add	*16.31*	
40 05 23 23-0051	EA	3/4", Type 304, Stainless Steel, Union Tee	185.85	29.18
		For Work In Restricted Working Space, Add	*17.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0052	EA	7/8", Type 304, Stainless Steel, Union Tee	292.84	32.30
		For Work In Restricted Working Space, Add	*19.40*	
40 05 23 23-0053	EA	1", Type 304, Stainless Steel, Union Tee	350.93	38.63
		For Work In Restricted Working Space, Add	*23.15*	
40 05 23 23-0054		**Unions** *(40 05 23 23-0037)*		
40 05 23 23-0055	EA	1/4", Type 304, Stainless Steel, Union	79.20	19.26
		For Work In Restricted Working Space, Add	*11.57*	
40 05 23 23-0056	EA	3/8", Type 304, Stainless Steel, Union	101.96	21.41
		For Work In Restricted Working Space, Add	*12.82*	
40 05 23 23-0057	EA	1/2", Type 304, Stainless Steel, Union	136.99	23.92
		For Work In Restricted Working Space, Add	*14.36*	
40 05 23 23-0058	EA	5/8", Type 304, Stainless Steel, Union	166.64	27.15
		For Work In Restricted Working Space, Add	*16.31*	
40 05 23 23-0059	EA	3/4", Type 304, Stainless Steel, Union	198.26	29.18
		For Work In Restricted Working Space, Add	*17.50*	
40 05 23 23-0060	EA	7/8", Type 304, Stainless Steel, Union	302.75	32.30
		For Work In Restricted Working Space, Add	*19.40*	
40 05 23 23-0061	EA	1", Type 304, Stainless Steel, Union	322.87	38.63
		For Work In Restricted Working Space, Add	*23.15*	
40 05 23 23-0062		**Male Connectors** *(40 05 23 23-0037)*		
40 05 23 23-0063	EA	1/4" x 1/4", Type 304, Stainless Steel, Male Connection	39.69	12.92
		For Work In Restricted Working Space, Add	*7.72*	
40 05 23 23-0064	EA	3/8" x 3/8", Type 304, Stainless Steel, Male Connection	49.24	14.11
		For Work In Restricted Working Space, Add	*8.44*	
40 05 23 23-0065	EA	1/2" x 1/2", Type 304, Stainless Steel, Male Connection	63.47	15.91
		For Work In Restricted Working Space, Add	*9.57*	
40 05 23 23-0066	EA	5/8" x 5/8" Male Connection, Stainless Steel Type 304	71.50	17.82
		For Work In Restricted Working Space, Add	*10.71*	
40 05 23 23-0067	EA	3/4" x 3/4", Type 304, Stainless Steel, Male Connection	86.02	19.26
		For Work In Restricted Working Space, Add	*11.57*	
40 05 23 23-0068	EA	7/8" x 7/8", Type 304, Stainless Steel, Male Connection	128.28	21.41
		For Work In Restricted Working Space, Add	*12.82*	
40 05 23 23-0069	EA	1" x 1", Type 304, Stainless Steel, Male Connection	134.86	25.48
		For Work In Restricted Working Space, Add	*15.27*	
40 05 23 23-0070		**Type 304 Valves** *(40 05 23 23-0011)*		
40 05 23 23-0071		**Gate Valves** *(40 05 23 23-0070)*		
40 05 23 23-0072	EA	1/4" Gate Valve, Stainless Steel Type 304	232.18	19.26
		For Work In Restricted Working Space, Add	*10.45*	
40 05 23 23-0073	EA	3/8" Gate Valve, Stainless Steel Type 304	392.53	22.61
		For Work In Restricted Working Space, Add	*11.00*	
40 05 23 23-0074	EA	1/2" Gate Valve, Stainless Steel Type 304	406.77	25.48
		For Work In Restricted Working Space, Add	*15.27*	
40 05 23 23-0075	EA	3/4" Gate Valve, Stainless Steel Type 304	450.80	29.18
		For Work In Restricted Working Space, Add	*17.50*	
40 05 23 23-0076	EA	1" Gate Valve, Stainless Steel Type 304	412.44	38.63
		For Work In Restricted Working Space, Add	*23.15*	
40 05 23 23-0077		**Globe Valves** *(40 05 23 23-0070)*		
40 05 23 23-0078	EA	1/4" Globe Valve, Stainless Steel Type 304	235.41	19.26
		For Work In Restricted Working Space, Add	*10.45*	
40 05 23 23-0079	EA	3/8" Globe Valve, Stainless Steel Type 304	154.72	22.61
		For Work In Restricted Working Space, Add	*11.00*	
40 05 23 23-0080	EA	1/2" Globe Valve, Stainless Steel Type 304	278.86	25.48
		For Work In Restricted Working Space, Add	*15.27*	
40 05 23 23-0081	EA	3/4" Globe Valve, Stainless Steel Type 304	310.32	29.18
		For Work In Restricted Working Space, Add	*17.50*	
40 05 23 23-0082	EA	1" Globe Valve, Stainless Steel Type 304	453.15	38.63
		For Work In Restricted Working Space, Add	*23.15*	
40 05 23 23-0083		**Check Valves** *(40 05 23 23-0070)*		
40 05 23 23-0084	EA	1/4" Check Valve, Stainless Steel Type 304	330.44	19.26
		For Work In Restricted Working Space, Add	*10.45*	
40 05 23 23-0085	EA	3/8" Check Valve, Stainless Steel Type 304	332.28	22.61
		For Work In Restricted Working Space, Add	*11.00*	
40 05 23 23-0086	EA	1/2" Check Valve, Stainless Steel Type 304	216.14	25.48
		For Work In Restricted Working Space, Add	*15.27*	
40 05 23 23-0087	EA	3/4" Check Valve, Stainless Steel Type 304	225.98	29.18
		For Work In Restricted Working Space, Add	*17.50*	
40 05 23 23-0088	EA	1" Check Valve, Stainless Steel Type 304	249.59	38.63
		For Work In Restricted Working Space, Add	*23.15*	
40 05 23 23-0089		**Plug Valves** *(40 05 23 23-0070)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0090	EA	1/2" Plug Valve, Stainless Steel Type 304	511.29	25.48
		For Work In Restricted Working Space, Add	*15.27*	
40 05 23 23-0091	EA	3/4" Plug Valve, Stainless Steel Type 304	559.65	29.18
		For Work In Restricted Working Space, Add	*17.50*	
40 05 23 23-0092	EA	1" Plug Valve, Stainless Steel Type 304	633.03	38.63
		For Work In Restricted Working Space, Add	*23.15*	
40 05 23 23-0093	EA	1-1/2" Plug Valve, Stainless Steel Type 304	880.37	43.66
		For Work In Restricted Working Space, Add	*26.19*	
40 05 23 23-0094	EA	2" Plug Valve, Stainless Steel Type 304	1,146.07	59.80
		For Work In Restricted Working Space, Add	*35.88*	

40 05 23 23-0095 Type 316 Tubing *(40 05 23 23-0011)*

40 05 23 23-0096 0.035" Wall *(40 05 23 23-0095)*

40 05 23 23-0097	LF	1/4" Stainless Steel Tubing, Type 316, 0.035" Wall	8.84	3.23
		For Work In Restricted Working Space, Add	*1.92*	
40 05 23 23-0098	LF	3/8" Stainless Steel Tubing, Type 316, 0.035" Wall	11.47	3.83
		For Work In Restricted Working Space, Add	*2.31*	
40 05 23 23-0099	LF	1/2" Stainless Steel Tubing, Type 316, 0.035" Wall	12.77	4.54
		For Work In Restricted Working Space, Add	*2.70*	
40 05 23 23-0100	LF	5/8" Stainless Steel Tubing, Type 316, 0.035" Wall	21.39	5.15
		For Work In Restricted Working Space, Add	*3.08*	
40 05 23 23-0101	LF	3/4" Stainless Steel Tubing, Type 316, 0.035" Wall	24.27	5.74
		For Work In Restricted Working Space, Add	*3.47*	
40 05 23 23-0102	LF	7/8" Stainless Steel Tubing, Type 316, 0.035" Wall	30.74	6.46
		For Work In Restricted Working Space, Add	*3.86*	
40 05 23 23-0103	LF	1" Stainless Steel Tubing, Type 316, 0.035" Wall	32.37	7.77
		For Work In Restricted Working Space, Add	*4.63*	

40 05 23 23-0104 0.049" Wall *(40 05 23 23-0095)*

40 05 23 23-0105	LF	1/4" Stainless Steel Tubing, Type 316, 0.049" Wall	15.29	3.83
		For Work In Restricted Working Space, Add	*2.31*	
40 05 23 23-0106	LF	3/8" Stainless Steel Tubing, Type 316, 0.049" Wall	16.99	4.54
		For Work In Restricted Working Space, Add	*2.70*	
40 05 23 23-0107	LF	1/2" Stainless Steel Tubing, Type 316, 0.049" Wall	20.00	5.15
		For Work In Restricted Working Space, Add	*3.08*	
40 05 23 23-0108	LF	5/8" Stainless Steel Tubing, Type 316, 0.049" Wall	26.07	6.46
		For Work In Restricted Working Space, Add	*3.86*	
40 05 23 23-0109	LF	3/4" Stainless Steel Tubing, Type 316, 0.049" Wall	30.13	7.77
		For Work In Restricted Working Space, Add	*4.63*	
40 05 23 23-0110	LF	7/8" Stainless Steel Tubing, Type 316, 0.049" Wall	38.35	8.97
		For Work In Restricted Working Space, Add	*5.40*	
40 05 23 23-0111	LF	1" Stainless Steel Tubing, Type 316, 0.049" Wall	39.27	10.16
		For Work In Restricted Working Space, Add	*6.13*	

40 05 23 23-0112 0.065" Wall *(40 05 23 23-0095)*

40 05 23 23-0113	LF	1/4" Stainless Steel Tubing, Type 316, 0.065" Wall	17.88	4.54
		For Work In Restricted Working Space, Add	*2.70*	
40 05 23 23-0114	LF	3/8" Stainless Steel Tubing, Type 316, 0.065" Wall	19.95	5.15
		For Work In Restricted Working Space, Add	*3.08*	
40 05 23 23-0115	LF	1/2" Stainless Steel Tubing, Type 316, 0.065" Wall	25.03	6.46
		For Work In Restricted Working Space, Add	*3.86*	
40 05 23 23-0116	LF	5/8" Stainless Steel Tubing, Type 316, 0.065" Wall	29.83	7.77
		For Work In Restricted Working Space, Add	*4.63*	
40 05 23 23-0117	LF	3/4" Stainless Steel Tubing, Type 316, 0.065" Wall	36.12	8.97
		For Work In Restricted Working Space, Add	*5.40*	
40 05 23 23-0118	LF	7/8" Stainless Steel Tubing, Type 316, 0.065" Wall	39.81	10.16
		For Work In Restricted Working Space, Add	*6.13*	
40 05 23 23-0119	LF	1" Stainless Steel Tubing, Type 316, 0.065" Wall	46.35	11.48
		For Work In Restricted Working Space, Add	*6.90*	

40 05 23 23-0120 Type 316 Tube Fittings *(40 05 23 23-0011)*

40 05 23 23-0121 90 Degree Elbows *(40 05 23 23-0120)*

40 05 23 23-0122	EA	1/4" 90 Degree Elbow, Stainless Steel Type 316	71.42	12.92
		For Work In Restricted Working Space, Add	*7.72*	
40 05 23 23-0123	EA	3/8" 90 Degree Elbow, Stainless Steel Type 316	85.77	14.11
		For Work In Restricted Working Space, Add	*8.44*	
40 05 23 23-0124	EA	1/2" 90 Degree Elbow, Stainless Steel Type 316	135.22	15.91
		For Work In Restricted Working Space, Add	*9.57*	
40 05 23 23-0125	EA	5/8" 90 Degree Elbow, Stainless Steel Type 316	143.50	17.82
		For Work In Restricted Working Space, Add	*10.71*	
40 05 23 23-0126	EA	3/4" 90 Degree Elbow, Stainless Steel Type 316	161.28	19.26
		For Work In Restricted Working Space, Add	*11.57*	
40 05 23 23-0127	EA	7/8" 90 Degree Elbow, Stainless Steel Type 316	226.03	21.41
		For Work In Restricted Working Space, Add	*12.82*	
40 05 23 23-0128	EA	1" 90 Degree Elbow, Stainless Steel Type 316	289.84	25.48
		For Work In Restricted Working Space, Add	*15.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0129		**Union Tees** *(40 05 23 23-0120)*		
40 05 23 23-0130	EA	1/4" Union Tee, Stainless Steel Type 316	114.59	19.26
		For Work In Restricted Working Space, Add	*11.57*	
40 05 23 23-0131	EA	3/8" Union Tee, Stainless Steel Type 316	141.33	21.41
		For Work In Restricted Working Space, Add	*12.82*	
40 05 23 23-0132	EA	1/2" Union Tee, Stainless Steel Type 316	199.12	23.92
		For Work In Restricted Working Space, Add	*14.36*	
40 05 23 23-0133	EA	5/8" Union Tee, Stainless Steel Type 316	212.58	27.15
		For Work In Restricted Working Space, Add	*16.31*	
40 05 23 23-0134	EA	3/4" Union Tee, Stainless Steel Type 316	277.91	29.18
		For Work In Restricted Working Space, Add	*17.50*	
40 05 23 23-0135	EA	7/8" Union Tee, Stainless Steel Type 316	457.59	32.30
		For Work In Restricted Working Space, Add	*19.40*	
40 05 23 23-0136	EA	1" Union Tee, Stainless Steel Type 316	548.59	38.63
		For Work In Restricted Working Space, Add	*23.15*	
40 05 23 23-0137		**Unions** *(40 05 23 23-0120)*		
40 05 23 23-0138	EA	1/4" Union, Stainless Steel Type 316	74.35	19.26
		For Work In Restricted Working Space, Add	*11.57*	
40 05 23 23-0139	EA	3/8" Union, Stainless Steel Type 316	94.88	21.41
		For Work In Restricted Working Space, Add	*12.82*	
40 05 23 23-0140	EA	1/2" Union, Stainless Steel Type 316	126.34	23.92
		For Work In Restricted Working Space, Add	*14.36*	
40 05 23 23-0141	EA	5/8" Union, Stainless Steel Type 316	153.22	27.15
		For Work In Restricted Working Space, Add	*16.31*	
40 05 23 23-0142	EA	3/4" Union, Stainless Steel Type 316	181.54	29.18
		For Work In Restricted Working Space, Add	*17.50*	
40 05 23 23-0143	EA	7/8" Union, Stainless Steel Type 316	274.29	32.30
		For Work In Restricted Working Space, Add	*19.40*	
40 05 23 23-0144	EA	1" Union, Stainless Steel Type 316	293.50	38.63
		For Work In Restricted Working Space, Add	*23.15*	
40 05 23 23-0145		**Male Connectors** *(40 05 23 23-0120)*		
40 05 23 23-0146	EA	1/4" x 1/4" Male Connector, Stainless Steel Type 316	49.56	12.92
		For Work In Restricted Working Space, Add	*7.72*	
40 05 23 23-0147	EA	3/8" x 3/8" Male Connector, Stainless Steel Type 316	64.16	14.11
		For Work In Restricted Working Space, Add	*8.44*	
40 05 23 23-0148	EA	1/2" x 1/2" Male Connector, Stainless Steel Type 316	85.79	15.91
		For Work In Restricted Working Space, Add	*9.57*	
40 05 23 23-0149	EA	5/8" x 5/8" Male Connector, Stainless Steel Type 316	96.80	17.82
		For Work In Restricted Working Space, Add	*10.71*	
40 05 23 23-0150	EA	3/4" x 3/4" Male Connector, Stainless Steel Type 316	119.55	19.26
		For Work In Restricted Working Space, Add	*11.57*	
40 05 23 23-0151	EA	7/8" x 7/8" Male Connector, Stainless Steel Type 316	188.77	21.41
		For Work In Restricted Working Space, Add	*12.82*	
40 05 23 23-0152	EA	1" x 1" Male Connector, Stainless Steel Type 316	194.22	25.48
		For Work In Restricted Working Space, Add	*15.27*	
40 05 23 23-0153		**Type 316 Valves** *(40 05 23 23-0011)*		
40 05 23 23-0154		**Gate Valves** *(40 05 23 23-0153)*		
40 05 23 23-0155	EA	1/4" Gate Valve, Stainless Steel Type 316	295.90	19.26
		For Work In Restricted Working Space, Add	*10.45*	
40 05 23 23-0156	EA	3/8" Gate Valve, Stainless Steel Type 316	507.43	22.61
		For Work In Restricted Working Space, Add	*11.00*	
40 05 23 23-0157	EA	1/2" Gate Valve, Stainless Steel Type 316	521.67	25.48
		For Work In Restricted Working Space, Add	*15.27*	
40 05 23 23-0158	EA	3/4" Gate Valve, Stainless Steel Type 316	577.52	29.18
		For Work In Restricted Working Space, Add	*17.50*	
40 05 23 23-0159	EA	1" Gate Valve, Stainless Steel Type 316	520.69	38.63
		For Work In Restricted Working Space, Add	*23.15*	
40 05 23 23-0160	EA	1-1/4" Gate Valve, Stainless Steel Type 316	717.57	40.07
		For Work In Restricted Working Space, Add	*24.04*	
40 05 23 23-0161	EA	1-1/2" Gate Valve, Stainless Steel Type 316	1,156.52	43.66
		For Work In Restricted Working Space, Add	*26.19*	
40 05 23 23-0162	EA	2" Gate Valve, Stainless Steel Type 316	1,374.15	59.80
		For Work In Restricted Working Space, Add	*35.88*	
40 05 23 23-0163	EA	2-1/2" Gate Valve, Stainless Steel Type 316	2,022.31	191.48
		For Work In Restricted Working Space, Add	*114.85*	
40 05 23 23-0164		**Globe Valves** *(40 05 23 23-0153)*		
40 05 23 23-0165	EA	1/4" Globe Valve, Stainless Steel Type 316	300.18	19.26
		For Work In Restricted Working Space, Add	*10.45*	
40 05 23 23-0166	EA	3/8" Globe Valve, Stainless Steel Type 316	192.85	22.61
		For Work In Restricted Working Space, Add	*11.00*	
40 05 23 23-0167	EA	1/2" Globe Valve, Stainless Steel Type 316	352.47	25.48
		For Work In Restricted Working Space, Add	*15.27*	
40 05 23 23-0168	EA	3/4" Globe Valve, Stainless Steel Type 316	391.68	29.18
		For Work In Restricted Working Space, Add	*17.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0169	EA	1" Globe Valve, Stainless Steel Type 316	574.54	38.63
		For Work In Restricted Working Space, Add	*23.15*	
40 05 23 23-0170	EA	1-1/4" Globe Valve, Stainless Steel Type 316	719.04	39.83
		For Work In Restricted Working Space, Add	*23.86*	
40 05 23 23-0171	EA	1-1/2" Globe Valve, Stainless Steel Type 316	1,199.29	43.66
		For Work In Restricted Working Space, Add	*26.19*	
40 05 23 23-0172	EA	2" Globe Valve, Stainless Steel Type 316	1,416.92	59.80
		For Work In Restricted Working Space, Add	*35.88*	
40 05 23 23-0173	EA	2-1/2" Globe Valve, Stainless Steel Type 316	1,751.44	191.48
		For Work In Restricted Working Space, Add	*114.85*	

40 05 23 23-0174 Check Valves *(40 05 23 23-0153)*

40 05 23 23-0175	EA	1/4" Check Valve, Stainless Steel Type 316	425.88	19.26
		For Work In Restricted Working Space, Add	*10.45*	
40 05 23 23-0176	EA	3/8" Check Valve, Stainless Steel Type 316	427.72	22.61
		For Work In Restricted Working Space, Add	*11.00*	
40 05 23 23-0177	EA	1/2" Check Valve, Stainless Steel Type 316	269.50	25.48
		For Work In Restricted Working Space, Add	*15.27*	
40 05 23 23-0178	EA	3/4" Check Valve, Stainless Steel Type 316	280.10	29.18
		For Work In Restricted Working Space, Add	*17.50*	
40 05 23 23-0179	EA	1" Check Valve, Stainless Steel Type 316	305.26	38.63
		For Work In Restricted Working Space, Add	*23.15*	
40 05 23 23-0180	EA	1-1/4" Check Valve, Stainless Steel Type 316	424.85	40.07
		For Work In Restricted Working Space, Add	*24.04*	
40 05 23 23-0181	EA	1-1/2" Check Valve, Stainless Steel Type 316	956.93	43.66
		For Work In Restricted Working Space, Add	*26.19*	
40 05 23 23-0182	EA	2" Check Valve, Stainless Steel Type 316	1,160.31	59.80
		For Work In Restricted Working Space, Add	*35.88*	
40 05 23 23-0183	EA	2-1/2" Check Valve, Stainless Steel Type 316	2,283.67	191.48
		For Work In Restricted Working Space, Add	*114.85*	

40 05 23 23-0184 Diaphragm Valves, Ethylene Propylene Diene Monomer (EPDM) Lined *(40 05 23 23-0153)*

40 05 23 23-0185	EA	1/2" Diaphragm Valve, Stainless Steel Type 316, Ethylene Propylene Diene Monomer (EPDM) Lined	456.18	25.48
		For Work In Restricted Working Space, Add	*15.27*	
40 05 23 23-0186	EA	3/4" Diaphragm Valve, Stainless Steel Type 316, Ethylene Propylene Diene Monomer (EPDM) Lined	533.01	29.18
		For Work In Restricted Working Space, Add	*17.50*	
40 05 23 23-0187	EA	1" Diaphragm Valve, Stainless Steel Type 316, Ethylene Propylene Diene Monomer (EPDM) Lined	679.52	38.63
		For Work In Restricted Working Space, Add	*23.15*	
40 05 23 23-0188	EA	1-1/2" Diaphragm Valve, Stainless Steel Type 316, Ethylene Propylene Diene Monomer (EPDM) Lined	1,086.61	43.66
		For Work In Restricted Working Space, Add	*26.19*	
40 05 23 23-0189	EA	2" Diaphragm Valve, Stainless Steel Type 316, Ethylene Propylene Diene Monomer (EPDM) Lined	1,518.64	59.80
		For Work In Restricted Working Space, Add	*35.88*	

40 05 23 23-0190 Diaphragm Valves, Teflon Lined *(40 05 23 23-0153)*

40 05 23 23-0191	EA	1/2" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined	606.07	25.48
		For Work In Restricted Working Space, Add	*15.27*	
40 05 23 23-0192	EA	3/4" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined	696.79	29.18
		For Work In Restricted Working Space, Add	*17.50*	
40 05 23 23-0193	EA	1" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined	843.30	38.63
		For Work In Restricted Working Space, Add	*23.15*	
40 05 23 23-0194	EA	1-1/2" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined	1,317.00	43.66
		For Work In Restricted Working Space, Add	*26.19*	
40 05 23 23-0195	EA	2" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined	1,793.44	59.80
		For Work In Restricted Working Space, Add	*35.88*	

40 05 23 23-0196 Strainers *(40 05 23 23-0153)*

40 05 23 23-0197	EA	1/2" Strainer, Stainless Steel Type 316	607.52	25.48
		For Work In Restricted Working Space, Add	*15.27*	
40 05 23 23-0198	EA	3/4" Strainer, Stainless Steel Type 316	727.30	29.31
		For Work In Restricted Working Space, Add	*17.58*	
40 05 23 23-0199	EA	1" Strainer, Stainless Steel Type 316	951.49	38.87
		For Work In Restricted Working Space, Add	*23.33*	
40 05 23 23-0200	EA	1-1/4" Strainer, Stainless Steel Type 316	1,183.30	40.07
		For Work In Restricted Working Space, Add	*24.04*	
40 05 23 23-0201	EA	1-1/2" Strainer, Stainless Steel Type 316	1,486.70	43.66
		For Work In Restricted Working Space, Add	*26.19*	
40 05 23 23-0202	EA	2" Strainer, Stainless Steel Type 316	2,144.72	59.80
		For Work In Restricted Working Space, Add	*35.88*	
40 05 23 23-0203	EA	2-1/2" Strainer, Stainless Steel Type 316	2,948.03	79.54
		For Work In Restricted Working Space, Add	*47.72*	
40 05 23 23-0204	EA	3" Strainer, Stainless Steel Type 316	4,292.31	119.60
		For Work In Restricted Working Space, Add	*71.76*	
40 05 23 23-0205	EA	4" Strainer, Stainless Steel Type 316	5,485.70	191.36
		For Work In Restricted Working Space, Add	*114.81*	

40 05 23 23-0206 Plug Valves *(40 05 23 23-0153)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0207	EA	1/2" Plug Valve, Stainless Steel Type 316	647.75	25.48
		For Work In Restricted Working Space, Add	*15.27*	
40 05 23 23-0208	EA	3/4" Plug Valve, Stainless Steel Type 316	708.24	29.18
		For Work In Restricted Working Space, Add	*17.50*	
40 05 23 23-0209	EA	1" Plug Valve, Stainless Steel Type 316	797.80	38.63
		For Work In Restricted Working Space, Add	*23.15*	
40 05 23 23-0210	EA	1-1/2" Plug Valve, Stainless Steel Type 316	1,115.45	43.66
		For Work In Restricted Working Space, Add	*26.19*	
40 05 23 23-0211	EA	2" Plug Valve, Stainless Steel Type 316	1,450.33	59.80
		For Work In Restricted Working Space, Add	*35.88*	

40 05 23 23-0212 Stainless Steel Pipe And Fittings *(40 05 23 23)*

40 05 23 23-0213 Type 304, Schedule 40 Stainless Steel Pipe And 150 Lb. Threaded Fittings *(40 05 23 23-0212)*

40 05 23 23-0214 Type 304, Schedule 40 Stainless Steel Threaded Pipe *(40 05 23 23-0213)*

40 05 23 23-0215	LF	1/2" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 Lb. Threaded Fitting	15.69	5.15
		For Work In Restricted Working Space, Add	*3.08*	
40 05 23 23-0216	LF	3/4" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 Lb. Threaded Fitting	19.38	6.46
		For Work In Restricted Working Space, Add	*3.86*	
40 05 23 23-0217	LF	1" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 Lb. Threaded Fitting	23.72	7.77
		For Work In Restricted Working Space, Add	*4.63*	
40 05 23 23-0218	LF	1-1/4" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 Lb. Threaded Fitting	28.35	8.97
		For Work In Restricted Working Space, Add	*5.40*	
40 05 23 23-0219	LF	1-1/2" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 Lb. Threaded Fitting	32.69	10.16
		For Work In Restricted Working Space, Add	*6.13*	
40 05 23 23-0220	LF	2" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 Lb. Threaded Fitting	41.66	12.92
		For Work In Restricted Working Space, Add	*7.72*	
40 05 23 23-0221	LF	2-1/2" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 Lb. Threaded Fitting	55.27	15.31
		For Work In Restricted Working Space, Add	*9.20*	
40 05 23 23-0222	LF	3" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 Lb. Threaded Fitting	69.48	19.26
		For Work In Restricted Working Space, Add	*11.57*	
40 05 23 23-0223	LF	4" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 Lb. Threaded Fitting	93.68	25.48
		For Work In Restricted Working Space, Add	*15.27*	

40 05 23 23-0224 150#, Type 304 Stainless Steel Threaded 90 Degree Elbows *(40 05 23 23-0213)*

40 05 23 23-0225	EA	1/2", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow	41.91	19.26
		For Work In Restricted Working Space, Add	*11.57*	
40 05 23 23-0226	EA	3/4", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow	55.66	25.48
		For Work In Restricted Working Space, Add	*15.27*	
40 05 23 23-0227	EA	1", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow	71.59	32.30
		For Work In Restricted Working Space, Add	*19.40*	
40 05 23 23-0228	EA	1-1/4", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow	100.44	44.25
		For Work In Restricted Working Space, Add	*26.58*	
40 05 23 23-0229	EA	1-1/2", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow	119.78	52.02
		For Work In Restricted Working Space, Add	*31.20*	
40 05 23 23-0230	EA	2", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow	145.92	62.91
		For Work In Restricted Working Space, Add	*37.77*	
40 05 23 23-0231	EA	2-1/2", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow	244.96	99.63
		For Work In Restricted Working Space, Add	*59.80*	
40 05 23 23-0232	EA	3", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow	315.32	128.57
		For Work In Restricted Working Space, Add	*77.16*	
40 05 23 23-0233	EA	4", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow	432.34	159.43
		For Work In Restricted Working Space, Add	*95.68*	

40 05 23 23-0234 150#, Type 304 Stainless Steel Threaded 45 Degree Elbows *(40 05 23 23-0213)*

40 05 23 23-0235	EA	1/2", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow	42.68	19.26
		For Work In Restricted Working Space, Add	*11.57*	
40 05 23 23-0236	EA	3/4", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow	56.90	25.48
		For Work In Restricted Working Space, Add	*15.27*	
40 05 23 23-0237	EA	1", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow	71.98	32.30
		For Work In Restricted Working Space, Add	*19.40*	
40 05 23 23-0238	EA	1-1/4", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow	100.29	44.25
		For Work In Restricted Working Space, Add	*26.58*	
40 05 23 23-0239	EA	1-1/2", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow	117.95	52.02
		For Work In Restricted Working Space, Add	*31.20*	
40 05 23 23-0240	EA	2", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow	145.50	62.91
		For Work In Restricted Working Space, Add	*37.77*	
40 05 23 23-0241	EA	2-1/2", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow	253.27	99.63
		For Work In Restricted Working Space, Add	*59.80*	
40 05 23 23-0242	EA	3", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow	331.53	128.57
		For Work In Restricted Working Space, Add	*77.16*	
40 05 23 23-0243	EA	4", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow	451.22	159.43
		For Work In Restricted Working Space, Add	*95.68*	

40 05 23 23-0244 150#, Type 304 Stainless Steel Threaded Tees *(40 05 23 23-0213)*

40 05 23 23-0245	EA	1/2", 150#, Type 304 Stainless Steel Threaded Tee	62.87	29.18
		For Work In Restricted Working Space, Add	*17.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0246	EA	3/4", 150#, Type 304 Stainless Steel Threaded Tee	84.34	38.63
		For Work In Restricted Working Space, Add	*23.15*	
40 05 23 23-0247	EA	1", 150#, Type 304 Stainless Steel Threaded Tee	104.82	47.85
		For Work In Restricted Working Space, Add	*28.70*	
40 05 23 23-0248	EA	1-1/4", 150#, Type 304 Stainless Steel Threaded Tee	151.06	66.50
		For Work In Restricted Working Space, Add	*39.87*	
40 05 23 23-0249	EA	1-1/2", 150#, Type 304 Stainless Steel Threaded Tee	172.10	74.75
		For Work In Restricted Working Space, Add	*44.85*	
40 05 23 23-0250	EA	2", 150#, Type 304 Stainless Steel Threaded Tee	228.36	99.63
		For Work In Restricted Working Space, Add	*59.80*	
40 05 23 23-0251	EA	2-1/2", 150#, Type 304 Stainless Steel Threaded Tee	350.43	144.12
		For Work In Restricted Working Space, Add	*86.46*	
40 05 23 23-0252	EA	3", 150#, Type 304 Stainless Steel Threaded Tee	475.50	192.92
		For Work In Restricted Working Space, Add	*115.75*	
40 05 23 23-0253	EA	4", 150#, Type 304 Stainless Steel Threaded Tee	640.38	239.21
		For Work In Restricted Working Space, Add	*143.52*	

40 05 23 23-0254 150#, Type 304 Stainless Steel Threaded Reducers *(40 05 23 23-0213)*

40 05 23 23-0255	EA	3/4", 150#, Type 304 Stainless Steel Threaded Reducer	55.09	25.48
		For Work In Restricted Working Space, Add	*15.27*	
40 05 23 23-0256	EA	1", 150#, Type 304 Stainless Steel Threaded Reducer	70.37	32.30
		For Work In Restricted Working Space, Add	*19.40*	
40 05 23 23-0257	EA	1-1/4", 150#, Type 304 Stainless Steel Threaded Reducer	96.96	44.25
		For Work In Restricted Working Space, Add	*26.58*	
40 05 23 23-0258	EA	1-1/2", 150#, Type 304 Stainless Steel Threaded Reducer	116.05	52.02
		For Work In Restricted Working Space, Add	*31.20*	
40 05 23 23-0259	EA	2", 150#, Type 304 Stainless Steel Threaded Reducer	146.01	62.91
		For Work In Restricted Working Space, Add	*37.77*	
40 05 23 23-0260	EA	2-1/2", 150#, Type 304 Stainless Steel Threaded Reducer	242.50	99.63
		For Work In Restricted Working Space, Add	*59.80*	
40 05 23 23-0261	EA	3", 150#, Type 304 Stainless Steel Threaded Reducer	318.67	128.57
		For Work In Restricted Working Space, Add	*77.16*	
40 05 23 23-0262	EA	4", 150#, Type 304 Stainless Steel Threaded Reducer	420.75	159.43
		For Work In Restricted Working Space, Add	*95.68*	

40 05 23 23-0263 150#, Type 304 Stainless Steel Threaded Caps *(40 05 23 23-0213)*

40 05 23 23-0264	EA	1/2", 150#, Type 304 Stainless Steel Threaded Cap	21.52	9.69
		For Work In Restricted Working Space, Add	*5.79*	
40 05 23 23-0265	EA	3/4", 150#, Type 304 Stainless Steel Threaded Cap	28.50	12.92
		For Work In Restricted Working Space, Add	*7.72*	
40 05 23 23-0266	EA	1", 150#, Type 304 Stainless Steel Threaded Cap	36.05	15.91
		For Work In Restricted Working Space, Add	*9.57*	
40 05 23 23-0267	EA	1-1/4", 150#, Type 304 Stainless Steel Threaded Cap	52.68	22.61
		For Work In Restricted Working Space, Add	*13.54*	
40 05 23 23-0268	EA	1-1/2", 150#, Type 304 Stainless Steel Threaded Cap	60.79	25.48
		For Work In Restricted Working Space, Add	*15.27*	
40 05 23 23-0269	EA	2", 150#, Type 304 Stainless Steel Threaded Cap	77.25	32.30
		For Work In Restricted Working Space, Add	*19.40*	
40 05 23 23-0270	EA	2-1/2", 150#, Type 304 Stainless Steel Threaded Cap	118.42	47.85
		For Work In Restricted Working Space, Add	*28.70*	
40 05 23 23-0271	EA	3", 150#, Type 304 Stainless Steel Threaded Cap	157.33	62.91
		For Work In Restricted Working Space, Add	*37.77*	
40 05 23 23-0272	EA	4", 150#, Type 304 Stainless Steel Threaded Cap	212.67	79.78
		For Work In Restricted Working Space, Add	*47.84*	

40 05 23 23-0273 150#, Type 304 Stainless Steel Threaded Unions *(40 05 23 23-0213)*

40 05 23 23-0274	EA	1/2", 150#, Type 304 Stainless Steel Threaded Union	67.69	29.18
		For Work In Restricted Working Space, Add	*17.50*	
40 05 23 23-0275	EA	3/4", 150#, Type 304 Stainless Steel Threaded Union	89.01	38.63
		For Work In Restricted Working Space, Add	*23.15*	
40 05 23 23-0276	EA	1", 150#, Type 304 Stainless Steel Threaded Union	113.58	47.85
		For Work In Restricted Working Space, Add	*28.70*	
40 05 23 23-0277	EA	1-1/4", 150#, Type 304 Stainless Steel Threaded Union	163.94	66.50
		For Work In Restricted Working Space, Add	*39.87*	
40 05 23 23-0278	EA	1-1/2", 150#, Type 304 Stainless Steel Threaded Union	184.59	74.75
		For Work In Restricted Working Space, Add	*44.85*	
40 05 23 23-0279	EA	2", 150#, Type 304 Stainless Steel Threaded Union	241.37	99.63
		For Work In Restricted Working Space, Add	*59.80*	
40 05 23 23-0280	EA	2-1/2", 150#, Type 304 Stainless Steel Threaded Union	412.84	149.50
		For Work In Restricted Working Space, Add	*89.70*	
40 05 23 23-0281	EA	3", 150#, Type 304 Stainless Steel Threaded Union	529.18	192.92
		For Work In Restricted Working Space, Add	*115.75*	
40 05 23 23-0282	EA	4", 150#, Type 304 Stainless Steel Threaded Union	551.66	159.49
		For Work In Restricted Working Space, Add	*95.69*	

40 05 23 23-0283 150#, Type 304 Stainless Steel Threaded Couplings *(40 05 23 23-0213)*

40 05 23 23-0284	EA	1/2", 150#, Type 304 Stainless Steel Threaded Coupling	41.59	19.26
		For Work In Restricted Working Space, Add	*11.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0285	EA	3/4", 150#, Type 304 Stainless Steel Threaded Coupling	55.24	25.48
		For Work In Restricted Working Space, Add	*15.27*	
40 05 23 23-0286	EA	1", 150#, Type 304 Stainless Steel Threaded Coupling	71.25	32.30
		For Work In Restricted Working Space, Add	*19.40*	
40 05 23 23-0287	EA	1-1/4", 150#, Type 304 Stainless Steel Threaded Coupling	99.08	44.25
		For Work In Restricted Working Space, Add	*26.58*	
40 05 23 23-0288	EA	1-1/2", 150#, Type 304 Stainless Steel Threaded Coupling	116.45	52.02
		For Work In Restricted Working Space, Add	*31.20*	
40 05 23 23-0289	EA	2", 150#, Type 304 Stainless Steel Threaded Coupling	143.45	62.91
		For Work In Restricted Working Space, Add	*37.77*	
40 05 23 23-0290	EA	2-1/2", 150#, Type 304 Stainless Steel Threaded Coupling	237.87	99.63
		For Work In Restricted Working Space, Add	*59.80*	
40 05 23 23-0291	EA	3", 150#, Type 304 Stainless Steel Threaded Coupling	307.01	128.57
		For Work In Restricted Working Space, Add	*77.16*	
40 05 23 23-0292	EA	4", 150#, Type 304 Stainless Steel Threaded Coupling	396.34	159.43
		For Work In Restricted Working Space, Add	*95.68*	

40 05 23 23-0293 Type 316, Schedule 40 Stainless Steel Pipe And 150 Lb. Threaded Fittings
(40 05 23 23-0212)

40 05 23 23-0294 Type 316, Schedule 40 Stainless Steel Threaded Pipe *(40 05 23 23-0293)*

40 05 23 23-0295	LF	1/2" Pipe, Stainless Steel Schedule 40 Type 316 For 150 Lb. Threaded Fitting	18.56	5.15
		For Work In Restricted Working Space, Add	*3.08*	
40 05 23 23-0296	LF	3/4" Pipe, Stainless Steel Schedule 40 Type 316 For 150 Lb. Threaded Fitting	22.21	6.46
		For Work In Restricted Working Space, Add	*3.86*	
40 05 23 23-0297	LF	1" Pipe, Stainless Steel Schedule 40 Type 316 For 150 Lb. Threaded Fitting	27.79	7.77
		For Work In Restricted Working Space, Add	*4.63*	
40 05 23 23-0298	LF	1-1/4" Pipe, Stainless Steel Schedule 40 Type 316 For 150 Lb. Threaded Fitting	33.67	8.97
		For Work In Restricted Working Space, Add	*5.40*	
40 05 23 23-0299	LF	1-1/2" Pipe, Stainless Steel Schedule 40 Type 316 For 150 Lb. Threaded Fitting	38.99	10.16
		For Work In Restricted Working Space, Add	*6.13*	
40 05 23 23-0300	LF	2" Pipe, Stainless Steel Schedule 40 Type 316 For 150 Lb. Threaded Fitting	50.09	12.92
		For Work In Restricted Working Space, Add	*7.72*	
40 05 23 23-0301	LF	2-1/2" Pipe, Stainless Steel Schedule 40 Type 316 For 150 Lb. Threaded Fitting	67.06	15.31
		For Work In Restricted Working Space, Add	*9.20*	
40 05 23 23-0302	LF	3" Pipe, Stainless Steel Schedule 40 Type 316 For 150 Lb. Threaded Fitting	87.06	19.26
		For Work In Restricted Working Space, Add	*11.57*	
40 05 23 23-0303	LF	4" Pipe, Stainless Steel Schedule 40 Type 316 For 150 Lb. Threaded Fitting	116.56	25.48
		For Work In Restricted Working Space, Add	*15.27*	

40 05 23 23-0304 150#, Type 316 Stainless Steel Threaded 90 Degree Elbows *(40 05 23 23-0293)*

40 05 23 23-0305	EA	1/2", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow	42.92	19.26
		For Work In Restricted Working Space, Add	*11.57*	
40 05 23 23-0306	EA	3/4", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow	57.16	25.48
		For Work In Restricted Working Space, Add	*15.27*	
40 05 23 23-0307	EA	1", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow	72.51	32.30
		For Work In Restricted Working Space, Add	*19.40*	
40 05 23 23-0308	EA	1-1/4", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow	102.09	44.25
		For Work In Restricted Working Space, Add	*26.58*	
40 05 23 23-0309	EA	1-1/2", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow	121.98	52.02
		For Work In Restricted Working Space, Add	*31.20*	
40 05 23 23-0310	EA	2", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow	148.63	62.91
		For Work In Restricted Working Space, Add	*37.77*	
40 05 23 23-0311	EA	2-1/2", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow	249.29	99.63
		For Work In Restricted Working Space, Add	*59.80*	
40 05 23 23-0312	EA	3", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow	325.94	128.57
		For Work In Restricted Working Space, Add	*77.16*	
40 05 23 23-0313	EA	4", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow	445.24	159.43
		For Work In Restricted Working Space, Add	*95.68*	

40 05 23 23-0314 150#, Type 316 Stainless Steel Threaded 45 Degree Elbows *(40 05 23 23-0293)*

40 05 23 23-0315	EA	1/2", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow	43.73	19.26
		For Work In Restricted Working Space, Add	*11.57*	
40 05 23 23-0316	EA	3/4", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow	57.67	25.48
		For Work In Restricted Working Space, Add	*15.27*	
40 05 23 23-0317	EA	1", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow	73.11	32.30
		For Work In Restricted Working Space, Add	*19.40*	
40 05 23 23-0318	EA	1-1/4", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow	101.92	44.25
		For Work In Restricted Working Space, Add	*26.58*	
40 05 23 23-0319	EA	1-1/2", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow	119.85	52.02
		For Work In Restricted Working Space, Add	*31.20*	
40 05 23 23-0320	EA	2", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow	148.04	62.91
		For Work In Restricted Working Space, Add	*37.77*	
40 05 23 23-0321	EA	2-1/2", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow	257.34	99.63
		For Work In Restricted Working Space, Add	*59.80*	
40 05 23 23-0322	EA	3", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow	340.93	128.57
		For Work In Restricted Working Space, Add	*77.16*	
40 05 23 23-0323	EA	4", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow	476.57	159.43
		For Work In Restricted Working Space, Add	*95.68*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0324		**150#, Type 316 Stainless Steel Threaded Tees** *(40 05 23 23-0293)*		
40 05 23 23-0325	EA	1/2", 150#, Type 316 Stainless Steel Threaded Tee	63.94	29.18
		For Work In Restricted Working Space, Add	*17.50*	
40 05 23 23-0326	EA	3/4", 150#, Type 316 Stainless Steel Threaded Tee	85.42	38.63
		For Work In Restricted Working Space, Add	*23.15*	
40 05 23 23-0327	EA	1", 150#, Type 316 Stainless Steel Threaded Tee	106.04	47.85
		For Work In Restricted Working Space, Add	*28.70*	
40 05 23 23-0328	EA	1-1/4", 150#, Type 316 Stainless Steel Threaded Tee	153.54	66.50
		For Work In Restricted Working Space, Add	*39.87*	
40 05 23 23-0329	EA	1-1/2", 150#, Type 316 Stainless Steel Threaded Tee	174.55	74.75
		For Work In Restricted Working Space, Add	*44.85*	
40 05 23 23-0330	EA	2", 150#, Type 316 Stainless Steel Threaded Tee	231.59	99.63
		For Work In Restricted Working Space, Add	*59.80*	
40 05 23 23-0331	EA	2-1/2", 150#, Type 316 Stainless Steel Threaded Tee	363.61	144.12
		For Work In Restricted Working Space, Add	*86.46*	
40 05 23 23-0332	EA	3", 150#, Type 316 Stainless Steel Threaded Tee	493.46	192.92
		For Work In Restricted Working Space, Add	*115.75*	
40 05 23 23-0333	EA	4", 150#, Type 316 Stainless Steel Threaded Tee	653.77	239.21
		For Work In Restricted Working Space, Add	*143.52*	
40 05 23 23-0334		**150#, Type 316 Stainless Steel Threaded Reducers** *(40 05 23 23-0293)*		
40 05 23 23-0335	EA	3/4", 150#, Type 316 Stainless Steel Threaded Reducer	56.00	25.48
		For Work In Restricted Working Space, Add	*15.27*	
40 05 23 23-0336	EA	1", 150#, Type 316 Stainless Steel Threaded Reducer	73.09	32.30
		For Work In Restricted Working Space, Add	*19.40*	
40 05 23 23-0337	EA	1-1/4", 150#, Type 316 Stainless Steel Threaded Reducer	97.47	44.25
		For Work In Restricted Working Space, Add	*26.58*	
40 05 23 23-0338	EA	1-1/2", 150#, Type 316 Stainless Steel Threaded Reducer	118.71	52.02
		For Work In Restricted Working Space, Add	*31.20*	
40 05 23 23-0339	EA	2", 150#, Type 316 Stainless Steel Threaded Reducer	150.68	62.91
		For Work In Restricted Working Space, Add	*37.77*	
40 05 23 23-0340	EA	2-1/2", 150#, Type 316 Stainless Steel Threaded Reducer	253.14	99.63
		For Work In Restricted Working Space, Add	*59.80*	
40 05 23 23-0341	EA	3", 150#, Type 316 Stainless Steel Threaded Reducer	330.42	128.57
		For Work In Restricted Working Space, Add	*77.16*	
40 05 23 23-0342	EA	4", 150#, Type 316 Stainless Steel Threaded Reducer	440.33	159.43
		For Work In Restricted Working Space, Add	*95.68*	
40 05 23 23-0343		**150#, Type 316 Stainless Steel Threaded Caps** *(40 05 23 23-0293)*		
40 05 23 23-0344	EA	1/2", 150#, Type 316 Stainless Steel Threaded Cap	22.12	9.69
		For Work In Restricted Working Space, Add	*5.79*	
40 05 23 23-0345	EA	3/4", 150#, Type 316 Stainless Steel Threaded Cap	28.94	12.92
		For Work In Restricted Working Space, Add	*7.72*	
40 05 23 23-0346	EA	1", 150#, Type 316 Stainless Steel Threaded Cap	36.84	15.91
		For Work In Restricted Working Space, Add	*9.57*	
40 05 23 23-0347	EA	1-1/4", 150#, Type 316 Stainless Steel Threaded Cap	54.88	22.61
		For Work In Restricted Working Space, Add	*13.54*	
40 05 23 23-0348	EA	1-1/2", 150#, Type 316 Stainless Steel Threaded Cap	63.39	25.48
		For Work In Restricted Working Space, Add	*15.27*	
40 05 23 23-0349	EA	2", 150#, Type 316 Stainless Steel Threaded Cap	80.65	32.30
		For Work In Restricted Working Space, Add	*19.40*	
40 05 23 23-0350	EA	2-1/2", 150#, Type 316 Stainless Steel Threaded Cap	124.04	47.85
		For Work In Restricted Working Space, Add	*28.70*	
40 05 23 23-0351	EA	3", 150#, Type 316 Stainless Steel Threaded Cap	163.03	62.91
		For Work In Restricted Working Space, Add	*37.77*	
40 05 23 23-0352	EA	4", 150#, Type 316 Stainless Steel Threaded Cap	223.99	79.78
		For Work In Restricted Working Space, Add	*47.84*	
40 05 23 23-0353		**150#, Type 316 Stainless Steel Threaded Unions** *(40 05 23 23-0293)*		
40 05 23 23-0354	EA	1/2", 150#, Type 316 Stainless Steel Threaded Union	68.98	29.18
		For Work In Restricted Working Space, Add	*17.50*	
40 05 23 23-0355	EA	3/4", 150#, Type 316 Stainless Steel Threaded Union	93.86	38.63
		For Work In Restricted Working Space, Add	*23.15*	
40 05 23 23-0356	EA	1", 150#, Type 316 Stainless Steel Threaded Union	116.03	47.85
		For Work In Restricted Working Space, Add	*28.70*	
40 05 23 23-0357	EA	1-1/4", 150#, Type 316 Stainless Steel Threaded Union	168.11	66.50
		For Work In Restricted Working Space, Add	*39.87*	
40 05 23 23-0358	EA	1-1/2", 150#, Type 316 Stainless Steel Threaded Union	189.46	74.75
		For Work In Restricted Working Space, Add	*44.85*	
40 05 23 23-0359	EA	2", 150#, Type 316 Stainless Steel Threaded Union	247.01	99.63
		For Work In Restricted Working Space, Add	*59.80*	
40 05 23 23-0360	EA	2-1/2", 150#, Type 316 Stainless Steel Threaded Union	421.49	149.50
		For Work In Restricted Working Space, Add	*89.70*	
40 05 23 23-0361	EA	3", 150#, Type 316 Stainless Steel Threaded Union	556.14	192.92
		For Work In Restricted Working Space, Add	*115.75*	
40 05 23 23-0362	EA	4", 150#, Type 316 Stainless Steel Threaded Union	609.11	159.49
		For Work In Restricted Working Space, Add	*95.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0363		**150#, Type 316 Stainless Steel Threaded Couplings** *(40 05 23 23-0293)*		
40 05 23 23-0364	EA	1/2", 150#, Type 316 Stainless Steel Threaded Coupling	43.62	19.26
		For Work In Restricted Working Space, Add	*11.57*	
40 05 23 23-0365	EA	3/4", 150#, Type 316 Stainless Steel Threaded Coupling	56.18	25.48
		For Work In Restricted Working Space, Add	*15.27*	
40 05 23 23-0366	EA	1", 150#, Type 316 Stainless Steel Threaded Coupling	72.15	32.30
		For Work In Restricted Working Space, Add	*19.40*	
40 05 23 23-0367	EA	1-1/4", 150#, Type 316 Stainless Steel Threaded Coupling	100.51	44.25
		For Work In Restricted Working Space, Add	*26.58*	
40 05 23 23-0368	EA	1-1/2", 150#, Type 316 Stainless Steel Threaded Coupling	118.16	52.02
		For Work In Restricted Working Space, Add	*31.20*	
40 05 23 23-0369	EA	2", 150#, Type 316 Stainless Steel Threaded Coupling	145.82	62.91
		For Work In Restricted Working Space, Add	*37.77*	
40 05 23 23-0370	EA	2-1/2", 150#, Type 316 Stainless Steel Threaded Coupling	246.15	99.63
		For Work In Restricted Working Space, Add	*59.80*	
40 05 23 23-0371	EA	3", 150#, Type 316 Stainless Steel Threaded Coupling	317.69	128.57
		For Work In Restricted Working Space, Add	*77.16*	
40 05 23 23-0372	EA	4", 150#, Type 316 Stainless Steel Threaded Coupling	412.35	159.43
		For Work In Restricted Working Space, Add	*95.68*	
40 05 23 23-0373		**Type 304, Schedule 10 Stainless Steel Pipe And Butt Weld Fittings** *(40 05 23 23-0212)*		
40 05 23 23-0374		**Type 304, Schedule 10 Stainless Steel Pipe** *(40 05 23 23-0373)*		
40 05 23 23-0375	LF	1/2" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	17.08	5.03
		For Work In Restricted Working Space, Add	*3.02*	
40 05 23 23-0376	LF	3/4" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	20.42	6.14
		For Work In Restricted Working Space, Add	*3.69*	
40 05 23 23-0377	LF	1" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	26.52	7.26
		For Work In Restricted Working Space, Add	*4.32*	
40 05 23 23-0378	LF	1-1/4" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	32.50	9.04
		For Work In Restricted Working Space, Add	*5.40*	
40 05 23 23-0379	LF	1-1/2" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	36.23	10.17
		For Work In Restricted Working Space, Add	*6.09*	
40 05 23 23-0380	LF	2" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	44.82	12.62
		For Work In Restricted Working Space, Add	*7.55*	
40 05 23 23-0381	LF	2-1/2" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	53.22	14.41
		For Work In Restricted Working Space, Add	*8.63*	
40 05 23 23-0382	LF	3" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	62.35	16.19
		For Work In Restricted Working Space, Add	*9.71*	
40 05 23 23-0383	LF	4" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	77.65	19.21
		For Work In Restricted Working Space, Add	*11.49*	
40 05 23 23-0384	LF	6" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	111.72	25.24
		For Work In Restricted Working Space, Add	*15.09*	
40 05 23 23-0385	LF	8" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	191.79	45.64
		For Work In Restricted Working Space, Add	*29.33*	
40 05 23 23-0386	LF	10" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	239.95	50.19
		For Work In Restricted Working Space, Add	*32.26*	
40 05 23 23-0387	LF	12" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	284.52	55.80
		For Work In Restricted Working Space, Add	*35.85*	
40 05 23 23-0388	LF	14" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	346.40	62.73
		For Work In Restricted Working Space, Add	*40.33*	
40 05 23 23-0389	LF	16" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	383.05	71.69
		For Work In Restricted Working Space, Add	*46.09*	
40 05 23 23-0390	LF	18" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	431.21	83.64
		For Work In Restricted Working Space, Add	*53.77*	
40 05 23 23-0391	LF	20" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	588.93	100.37
		For Work In Restricted Working Space, Add	*64.53*	
40 05 23 23-0392	LF	24" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	764.67	125.46
		For Work In Restricted Working Space, Add	*80.66*	
40 05 23 23-0393		**Type 304, Schedule 10 Stainless Steel Butt Weld 90 Degree Elbow** *(40 05 23 23-0373)*		
40 05 23 23-0394	EA	1/2", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	132.50	57.30
		For Work In Restricted Working Space, Add	*38.19*	
40 05 23 23-0395	EA	3/4", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	140.33	60.81
		For Work In Restricted Working Space, Add	*40.54*	
40 05 23 23-0396	EA	1", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	154.63	66.83
		For Work In Restricted Working Space, Add	*44.56*	
40 05 23 23-0397	EA	1-1/4", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	168.75	72.84
		For Work In Restricted Working Space, Add	*48.56*	
40 05 23 23-0398	EA	1-1/2", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	186.39	80.44
		For Work In Restricted Working Space, Add	*53.63*	
40 05 23 23-0399	EA	2", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	208.34	89.49
		For Work In Restricted Working Space, Add	*59.66*	
40 05 23 23-0400	EA	2-1/2", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	270.71	114.54
		For Work In Restricted Working Space, Add	*76.36*	
40 05 23 23-0401	EA	3", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	317.54	134.23
		For Work In Restricted Working Space, Add	*89.49*	
40 05 23 23-0402	EA	4", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	388.50	160.67
		For Work In Restricted Working Space, Add	*107.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0403	EA	6", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	530.33	200.71
		For Work In Restricted Working Space, Add	*133.81*	
40 05 23 23-0404	EA	8", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	922.87	345.68
		For Work In Restricted Working Space, Add	*230.45*	
40 05 23 23-0405	EA	10", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	1,356.08	460.90
		For Work In Restricted Working Space, Add	*307.27*	
40 05 23 23-0406	EA	12", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	2,047.63	691.35
		For Work In Restricted Working Space, Add	*460.90*	
40 05 23 23-0407	EA	14", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	2,419.94	806.58
		For Work In Restricted Working Space, Add	*537.72*	
40 05 23 23-0408	EA	16", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	2,839.27	920.05
		For Work In Restricted Working Space, Add	*613.37*	
40 05 23 23-0409	EA	18", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	3,587.18	1,152.26
		For Work In Restricted Working Space, Add	*768.17*	
40 05 23 23-0410	EA	20", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	5,001.95	1,613.15
		For Work In Restricted Working Space, Add	*1,075.44*	
40 05 23 23-0411	EA	24", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	7,179.21	2,304.51
		For Work In Restricted Working Space, Add	*1,536.34*	

40 05 23 23-0412 Type 304, Schedule 10 Stainless Steel Butt Weld 45 Degree Elbow *(40 05 23 23-0373)*

40 05 23 23-0413	EA	1/2", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	134.03	57.30
		For Work In Restricted Working Space, Add	*38.19*	
40 05 23 23-0414	EA	3/4", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	141.86	60.81
		For Work In Restricted Working Space, Add	*40.54*	
40 05 23 23-0415	EA	1", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	156.46	66.83
		For Work In Restricted Working Space, Add	*44.56*	
40 05 23 23-0416	EA	1-1/4", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	171.19	72.84
		For Work In Restricted Working Space, Add	*48.56*	
40 05 23 23-0417	EA	1-1/2", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	186.69	80.44
		For Work In Restricted Working Space, Add	*53.63*	
40 05 23 23-0418	EA	2", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	208.34	89.49
		For Work In Restricted Working Space, Add	*59.66*	
40 05 23 23-0419	EA	2-1/2", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	269.18	114.54
		For Work In Restricted Working Space, Add	*76.36*	
40 05 23 23-0420	EA	3", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	314.79	134.23
		For Work In Restricted Working Space, Add	*89.49*	
40 05 23 23-0421	EA	4", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	383.31	160.67
		For Work In Restricted Working Space, Add	*107.11*	
40 05 23 23-0422	EA	6", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	503.15	200.71
		For Work In Restricted Working Space, Add	*133.81*	
40 05 23 23-0423	EA	8", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	870.43	345.68
		For Work In Restricted Working Space, Add	*230.45*	
40 05 23 23-0424	EA	10", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	1,262.73	460.90
		For Work In Restricted Working Space, Add	*307.27*	
40 05 23 23-0425	EA	12", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	1,899.84	691.35
		For Work In Restricted Working Space, Add	*460.90*	
40 05 23 23-0426	EA	14", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	2,238.54	806.58
		For Work In Restricted Working Space, Add	*537.72*	
40 05 23 23-0427	EA	16", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	2,615.39	920.05
		For Work In Restricted Working Space, Add	*613.37*	
40 05 23 23-0428	EA	18", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	3,293.18	1,152.26
		For Work In Restricted Working Space, Add	*768.17*	
40 05 23 23-0429	EA	20", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	4,605.24	1,613.15
		For Work In Restricted Working Space, Add	*1,075.44*	
40 05 23 23-0430	EA	24", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	6,616.46	2,304.51
		For Work In Restricted Working Space, Add	*1,536.34*	

40 05 23 23-0431 Type 304, Schedule 10 Stainless Steel Butt Weld Tee *(40 05 23 23-0373)*

40 05 23 23-0432	EA	1/2", Type 304, Schedule 10 Stainless Steel Tee	178.62	72.82
		For Work In Restricted Working Space, Add	*48.55*	
40 05 23 23-0433	EA	3/4", Type 304, Schedule 10 Stainless Steel Tee	215.44	89.39
		For Work In Restricted Working Space, Add	*59.59*	
40 05 23 23-0434	EA	1", Type 304, Schedule 10 Stainless Steel Tee	240.00	100.44
		For Work In Restricted Working Space, Add	*66.96*	
40 05 23 23-0435	EA	1-1/4", Type 304, Schedule 10 Stainless Steel Tee	273.18	114.54
		For Work In Restricted Working Space, Add	*76.36*	
40 05 23 23-0436	EA	1-1/2", Type 304, Schedule 10 Stainless Steel Tee	290.00	122.94
		For Work In Restricted Working Space, Add	*81.96*	
40 05 23 23-0437	EA	2", Type 304, Schedule 10 Stainless Steel Tee	316.01	134.09
		For Work In Restricted Working Space, Add	*89.40*	
40 05 23 23-0438	EA	2-1/2", Type 304, Schedule 10 Stainless Steel Tee	407.89	160.67
		For Work In Restricted Working Space, Add	*107.11*	
40 05 23 23-0439	EA	3", Type 304, Schedule 10 Stainless Steel Tee	480.45	201.36
		For Work In Restricted Working Space, Add	*134.24*	
40 05 23 23-0440	EA	4", Type 304, Schedule 10 Stainless Steel Tee	551.66	225.99
		For Work In Restricted Working Space, Add	*150.65*	
40 05 23 23-0441	EA	6", Type 304, Schedule 10 Stainless Steel Tee	801.22	301.31
		For Work In Restricted Working Space, Add	*200.87*	
40 05 23 23-0442	EA	8", Type 304, Schedule 10 Stainless Steel Tee	1,334.64	460.90
		For Work In Restricted Working Space, Add	*307.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0443	EA	10", Type 304, Schedule 10 Stainless Steel Tee	2,047.63	691.35
		For Work In Restricted Working Space, Add	*460.90*	
40 05 23 23-0444	EA	12", Type 304, Schedule 10 Stainless Steel Tee	2,630.62	864.19
		For Work In Restricted Working Space, Add	*576.13*	
40 05 23 23-0445	EA	14", Type 304, Schedule 10 Stainless Steel Tee	3,233.82	1,038.52
		For Work In Restricted Working Space, Add	*692.34*	
40 05 23 23-0446	EA	16", Type 304, Schedule 10 Stainless Steel Tee	3,918.04	1,266.87
		For Work In Restricted Working Space, Add	*844.58*	
40 05 23 23-0447	EA	18", Type 304, Schedule 10 Stainless Steel Tee	4,985.65	1,613.15
		For Work In Restricted Working Space, Add	*1,075.44*	
40 05 23 23-0448	EA	20", Type 304, Schedule 10 Stainless Steel Tee	6,664.10	2,122.59
		For Work In Restricted Working Space, Add	*1,415.05*	
40 05 23 23-0449	EA	24", Type 304, Schedule 10 Stainless Steel Tee	9,994.46	3,226.32
		For Work In Restricted Working Space, Add	*2,150.88*	
40 05 23 23-0450		**Type 304, Schedule 10 Stainless Steel Butt Weld Reducing Tees** *(40 05 23 23-0373)*		
40 05 23 23-0451	EA	3/4", Type 304, Schedule 10 Stainless Steel Reducing Tee	165.13	60.83
		For Work In Restricted Working Space, Add	*40.56*	
40 05 23 23-0452	EA	1", Type 304, Schedule 10 Stainless Steel Reducing Tee	195.59	74.55
		For Work In Restricted Working Space, Add	*49.70*	
40 05 23 23-0453	EA	1-1/4", Type 304, Schedule 10 Stainless Steel Reducing Tee	240.79	83.76
		For Work In Restricted Working Space, Add	*55.85*	
40 05 23 23-0454	EA	1-1/2", Type 304, Schedule 10 Stainless Steel Reducing Tee	249.77	95.49
		For Work In Restricted Working Space, Add	*63.66*	
40 05 23 23-0455	EA	2", Type 304, Schedule 10 Stainless Steel Reducing Tee	261.93	102.60
		For Work In Restricted Working Space, Add	*68.41*	
40 05 23 23-0456	EA	2-1/2", Type 304, Schedule 10 Stainless Steel Reducing Tee	340.43	111.82
		For Work In Restricted Working Space, Add	*74.55*	
40 05 23 23-0457	EA	3", Type 304, Schedule 10 Stainless Steel Reducing Tee	401.10	134.03
		For Work In Restricted Working Space, Add	*89.36*	
40 05 23 23-0458	EA	4", Type 304, Schedule 10 Stainless Steel Reducing Tee	494.45	167.53
		For Work In Restricted Working Space, Add	*111.68*	
40 05 23 23-0459	EA	6", Type 304, Schedule 10 Stainless Steel Reducing Tee	650.79	191.42
		For Work In Restricted Working Space, Add	*127.61*	
40 05 23 23-0460	EA	8", Type 304, Schedule 10 Stainless Steel Reducing Tee	1,236.53	288.06
		For Work In Restricted Working Space, Add	*192.04*	
40 05 23 23-0461	EA	10", Type 304, Schedule 10 Stainless Steel Reducing Tee	2,030.16	384.09
		For Work In Restricted Working Space, Add	*256.06*	
40 05 23 23-0462	EA	12", Type 304, Schedule 10 Stainless Steel Reducing Tee	2,903.22	576.12
		For Work In Restricted Working Space, Add	*384.08*	
40 05 23 23-0463	EA	14", Type 304, Schedule 10 Stainless Steel Reducing Tee	3,521.76	692.15
		For Work In Restricted Working Space, Add	*461.43*	
40 05 23 23-0464	EA	16", Type 304, Schedule 10 Stainless Steel Reducing Tee	4,360.49	844.29
		For Work In Restricted Working Space, Add	*562.86*	
40 05 23 23-0465	EA	18", Type 304, Schedule 10 Stainless Steel Reducing Tee	5,629.52	1,075.44
		For Work In Restricted Working Space, Add	*716.96*	
40 05 23 23-0466	EA	20", Type 304, Schedule 10 Stainless Steel Reducing Tee	7,996.01	1,415.05
		For Work In Restricted Working Space, Add	*943.37*	
40 05 23 23-0467	EA	24", Type 304, Schedule 10 Stainless Steel Reducing Tee	12,502.30	2,148.97
		For Work In Restricted Working Space, Add	*1,432.64*	
40 05 23 23-0468		**Type 304, Schedule 10 Stainless Steel Butt Weld Reducers** *(40 05 23 23-0373)*		
40 05 23 23-0469	EA	3/4", Type 304, Schedule 10 Stainless Steel Concentric Reducer	133.32	55.33
		For Work In Restricted Working Space, Add	*36.88*	
40 05 23 23-0470	EA	1", Type 304, Schedule 10 Stainless Steel Concentric Reducer	146.81	60.29
		For Work In Restricted Working Space, Add	*40.19*	
40 05 23 23-0471	EA	1-1/4", Type 304, Schedule 10 Stainless Steel Concentric Reducer	162.74	66.83
		For Work In Restricted Working Space, Add	*44.56*	
40 05 23 23-0472	EA	1-1/2", Type 304, Schedule 10 Stainless Steel Concentric Reducer	173.16	72.84
		For Work In Restricted Working Space, Add	*48.56*	
40 05 23 23-0473	EA	2", Type 304, Schedule 10 Stainless Steel Concentric Reducer	188.83	80.44
		For Work In Restricted Working Space, Add	*53.63*	
40 05 23 23-0474	EA	2-1/2", Type 304, Schedule 10 Stainless Steel Concentric Reducer	253.30	100.52
		For Work In Restricted Working Space, Add	*67.01*	
40 05 23 23-0475	EA	3", Type 304, Schedule 10 Stainless Steel Concentric Reducer	286.37	114.43
		For Work In Restricted Working Space, Add	*76.29*	
40 05 23 23-0476	EA	4", Type 304, Schedule 10 Stainless Steel Concentric Reducer	334.70	134.09
		For Work In Restricted Working Space, Add	*89.40*	
40 05 23 23-0477	EA	6", Type 304, Schedule 10 Stainless Steel Concentric Reducer	431.89	170.71
		For Work In Restricted Working Space, Add	*113.81*	
40 05 23 23-0478	EA	8", Type 304, Schedule 10 Stainless Steel Concentric Reducer	698.92	276.54
		For Work In Restricted Working Space, Add	*184.36*	
40 05 23 23-0479	EA	10", Type 304, Schedule 10 Stainless Steel Concentric Reducer	888.57	345.68
		For Work In Restricted Working Space, Add	*230.45*	
40 05 23 23-0480	EA	12", Type 304, Schedule 10 Stainless Steel Concentric Reducer	1,194.77	460.90
		For Work In Restricted Working Space, Add	*307.27*	
40 05 23 23-0481	EA	14", Type 304, Schedule 10 Stainless Steel Concentric Reducer	1,699.00	604.94
		For Work In Restricted Working Space, Add	*403.29*	
40 05 23 23-0482	EA	16", Type 304, Schedule 10 Stainless Steel Concentric Reducer	1,985.23	689.38
		For Work In Restricted Working Space, Add	*459.59*	
40 05 23 23-0483	EA	18", Type 304, Schedule 10 Stainless Steel Concentric Reducer	2,445.24	864.19
		For Work In Restricted Working Space, Add	*576.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0484	EA	20", Type 304, Schedule 10 Stainless Steel Concentric Reducer	3,427.58	1,152.26
		For Work In Restricted Working Space, Add	*768.17*	
40 05 23 23-0485	EA	24", Type 304, Schedule 10 Stainless Steel Concentric Reducer	4,948.04	1,728.38
		For Work In Restricted Working Space, Add	*1,152.26*	
40 05 23 23-0486	EA	3/4", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	162.04	55.33
		For Work In Restricted Working Space, Add	*36.88*	
40 05 23 23-0487	EA	1", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	167.88	60.29
		For Work In Restricted Working Space, Add	*40.19*	
40 05 23 23-0488	EA	1-1/4", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	177.17	66.83
		For Work In Restricted Working Space, Add	*44.56*	
40 05 23 23-0489	EA	1-1/2", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	199.43	72.84
		For Work In Restricted Working Space, Add	*48.56*	
40 05 23 23-0490	EA	2", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	207.77	80.44
		For Work In Restricted Working Space, Add	*53.63*	
40 05 23 23-0491	EA	2-1/2", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	274.07	100.52
		For Work In Restricted Working Space, Add	*67.01*	
40 05 23 23-0492	EA	3", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	306.83	114.43
		For Work In Restricted Working Space, Add	*76.29*	
40 05 23 23-0493	EA	4", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	350.52	134.09
		For Work In Restricted Working Space, Add	*89.40*	
40 05 23 23-0494	EA	6", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	489.01	170.71
		For Work In Restricted Working Space, Add	*113.81*	
40 05 23 23-0495	EA	8", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	821.35	276.54
		For Work In Restricted Working Space, Add	*184.36*	
40 05 23 23-0496	EA	10", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	1,127.39	345.68
		For Work In Restricted Working Space, Add	*230.45*	
40 05 23 23-0497	EA	12", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	1,415.45	460.90
		For Work In Restricted Working Space, Add	*307.27*	
40 05 23 23-0498	EA	14", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	2,208.08	604.94
		For Work In Restricted Working Space, Add	*403.29*	
40 05 23 23-0499	EA	16", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	2,568.55	689.38
		For Work In Restricted Working Space, Add	*459.59*	
40 05 23 23-0500	EA	18", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	3,157.16	864.19
		For Work In Restricted Working Space, Add	*576.13*	
40 05 23 23-0501	EA	20", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	4,568.40	1,152.26
		For Work In Restricted Working Space, Add	*768.17*	
40 05 23 23-0502	EA	24", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	6,459.97	1,728.38
		For Work In Restricted Working Space, Add	*1,152.26*	
40 05 23 23-0503		Type 304, Schedule 10 Stainless Steel Butt Weld Caps *(40 05 23 23-0373)*		
40 05 23 23-0504	EA	1/2", Type 304, Schedule 10 Stainless Steel Cap	73.13	28.65
		For Work In Restricted Working Space, Add	*19.10*	
40 05 23 23-0505	EA	3/4", Type 304, Schedule 10 Stainless Steel Cap	80.40	30.40
		For Work In Restricted Working Space, Add	*20.27*	
40 05 23 23-0506	EA	1", Type 304, Schedule 10 Stainless Steel Cap	88.31	33.42
		For Work In Restricted Working Space, Add	*22.28*	
40 05 23 23-0507	EA	1-1/4", Type 304, Schedule 10 Stainless Steel Cap	97.28	36.42
		For Work In Restricted Working Space, Add	*24.28*	
40 05 23 23-0508	EA	1-1/2", Type 304, Schedule 10 Stainless Steel Cap	104.35	40.22
		For Work In Restricted Working Space, Add	*26.81*	
40 05 23 23-0509	EA	2", Type 304, Schedule 10 Stainless Steel Cap	112.56	44.74
		For Work In Restricted Working Space, Add	*29.83*	
40 05 23 23-0510	EA	2-1/2", Type 304, Schedule 10 Stainless Steel Cap	146.21	57.27
		For Work In Restricted Working Space, Add	*38.18*	
40 05 23 23-0511	EA	3", Type 304, Schedule 10 Stainless Steel Cap	165.34	67.13
		For Work In Restricted Working Space, Add	*44.75*	
40 05 23 23-0512	EA	4", Type 304, Schedule 10 Stainless Steel Cap	199.30	80.34
		For Work In Restricted Working Space, Add	*53.56*	
40 05 23 23-0513	EA	6", Type 304, Schedule 10 Stainless Steel Cap	257.27	100.52
		For Work In Restricted Working Space, Add	*67.01*	
40 05 23 23-0514	EA	8", Type 304, Schedule 10 Stainless Steel Cap	445.12	172.83
		For Work In Restricted Working Space, Add	*115.23*	
40 05 23 23-0515	EA	10", Type 304, Schedule 10 Stainless Steel Cap	592.74	230.46
		For Work In Restricted Working Space, Add	*153.63*	
40 05 23 23-0516	EA	12", Type 304, Schedule 10 Stainless Steel Cap	873.24	345.67
		For Work In Restricted Working Space, Add	*230.45*	
40 05 23 23-0517	EA	14", Type 304, Schedule 10 Stainless Steel Cap	1,024.96	403.29
		For Work In Restricted Working Space, Add	*268.86*	
40 05 23 23-0518	EA	16", Type 304, Schedule 10 Stainless Steel Cap	1,188.36	460.02
		For Work In Restricted Working Space, Add	*306.68*	
40 05 23 23-0519	EA	18", Type 304, Schedule 10 Stainless Steel Cap	1,500.88	576.12
		For Work In Restricted Working Space, Add	*384.08*	
40 05 23 23-0520	EA	20", Type 304, Schedule 10 Stainless Steel Cap	2,072.89	806.58
		For Work In Restricted Working Space, Add	*537.72*	
40 05 23 23-0521	EA	24", Type 304, Schedule 10 Stainless Steel Cap	3,054.80	1,152.25
		For Work In Restricted Working Space, Add	*768.17*	
40 05 23 23-0522		Type 304, Schedule 40 Stainless Steel Pipe And Butt Weld Fittings *(40 05 23 23-0212)*		
40 05 23 23-0523		Type 304, Schedule 40 Stainless Steel Pipe *(40 05 23 23-0522)*		
40 05 23 23-0524	LF	1/2" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	18.81	5.03
		For Work In Restricted Working Space, Add	*3.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0525	LF	3/4" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	22.87	6.14
		For Work In Restricted Working Space, Add	*3.69*	
40 05 23 23-0526	LF	1" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	27.84	7.26
		For Work In Restricted Working Space, Add	*4.32*	
40 05 23 23-0527	LF	1-1/4" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	34.80	8.93
		For Work In Restricted Working Space, Add	*5.40*	
40 05 23 23-0528	LF	1-1/2" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	39.97	10.05
		For Work In Restricted Working Space, Add	*6.09*	
40 05 23 23-0529	LF	2" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	50.98	12.84
		For Work In Restricted Working Space, Add	*7.55*	
40 05 23 23-0530	LF	2-1/2" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	62.62	14.52
		For Work In Restricted Working Space, Add	*8.63*	
40 05 23 23-0531	LF	3" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	62.19	16.19
		For Work In Restricted Working Space, Add	*9.71*	
40 05 23 23-0532	LF	4" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	98.61	18.98
		For Work In Restricted Working Space, Add	*11.49*	
40 05 23 23-0533	LF	6" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	151.06	25.12
		For Work In Restricted Working Space, Add	*15.09*	
40 05 23 23-0534	LF	8" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	270.47	45.41
		For Work In Restricted Working Space, Add	*29.33*	
40 05 23 23-0535	LF	10" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	337.82	50.19
		For Work In Restricted Working Space, Add	*32.26*	
40 05 23 23-0536	LF	12" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	416.93	55.56
		For Work In Restricted Working Space, Add	*35.85*	

40 05 23 23-0537 Type 304, Schedule 40 Stainless Steel Butt Weld 90 Degree Elbows *(40 05 23 23-0522)*

40 05 23 23-0538	EA	1/2", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	133.72	57.30
		For Work In Restricted Working Space, Add	*38.19*	
40 05 23 23-0539	EA	3/4", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	141.55	60.81
		For Work In Restricted Working Space, Add	*40.54*	
40 05 23 23-0540	EA	1", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	155.54	66.83
		For Work In Restricted Working Space, Add	*44.56*	
40 05 23 23-0541	EA	1-1/4", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	169.41	72.84
		For Work In Restricted Working Space, Add	*48.56*	
40 05 23 23-0542	EA	1-1/2", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	187.00	80.44
		For Work In Restricted Working Space, Add	*53.63*	
40 05 23 23-0543	EA	2", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	210.48	89.49
		For Work In Restricted Working Space, Add	*59.66*	
40 05 23 23-0544	EA	2-1/2", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	278.65	114.54
		For Work In Restricted Working Space, Add	*76.36*	
40 05 23 23-0545	EA	3", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	329.15	134.23
		For Work In Restricted Working Space, Add	*89.49*	
40 05 23 23-0546	EA	4", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	408.05	160.67
		For Work In Restricted Working Space, Add	*107.11*	
40 05 23 23-0547	EA	6", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	655.25	200.71
		For Work In Restricted Working Space, Add	*133.81*	
40 05 23 23-0548	EA	8", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	1,093.09	345.68
		For Work In Restricted Working Space, Add	*230.45*	
40 05 23 23-0549	EA	10", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	1,701.45	460.90
		For Work In Restricted Working Space, Add	*307.27*	
40 05 23 23-0550	EA	12", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	2,495.58	691.35
		For Work In Restricted Working Space, Add	*460.90*	
40 05 23 23-0551	EA	14", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	2,963.37	806.58
		For Work In Restricted Working Space, Add	*537.72*	
40 05 23 23-0552	EA	16", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	3,537.38	920.05
		For Work In Restricted Working Space, Add	*613.37*	
40 05 23 23-0553	EA	18", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	4,557.19	1,152.26
		For Work In Restricted Working Space, Add	*768.17*	
40 05 23 23-0554	EA	20", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	6,199.21	1,613.15
		For Work In Restricted Working Space, Add	*1,075.44*	
40 05 23 23-0555	EA	24", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	8,887.30	2,304.51
		For Work In Restricted Working Space, Add	*1,536.34*	

40 05 23 23-0556 Type 304, Schedule 40 Stainless Steel Butt Weld 45 Degree Elbows *(40 05 23 23-0522)*

40 05 23 23-0557	EA	1/2", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	135.86	57.30
		For Work In Restricted Working Space, Add	*38.19*	
40 05 23 23-0558	EA	3/4", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	143.69	60.81
		For Work In Restricted Working Space, Add	*40.54*	
40 05 23 23-0559	EA	1", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	157.07	66.83
		For Work In Restricted Working Space, Add	*44.56*	
40 05 23 23-0560	EA	1-1/4", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	170.97	72.84
		For Work In Restricted Working Space, Add	*48.56*	
40 05 23 23-0561	EA	1-1/2", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	188.52	80.44
		For Work In Restricted Working Space, Add	*53.63*	
40 05 23 23-0562	EA	2", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	210.80	89.49
		For Work In Restricted Working Space, Add	*59.66*	
40 05 23 23-0563	EA	2-1/2", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	278.65	114.54
		For Work In Restricted Working Space, Add	*76.36*	
40 05 23 23-0564	EA	3", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	320.60	134.23
		For Work In Restricted Working Space, Add	*89.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0565	EA	4", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	412.63	160.67
		For Work In Restricted Working Space, Add	*107.11*	
40 05 23 23-0566	EA	6", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	551.10	200.71
		For Work In Restricted Working Space, Add	*133.81*	
40 05 23 23-0567	EA	8", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	983.90	345.68
		For Work In Restricted Working Space, Add	*230.45*	
40 05 23 23-0568	EA	10", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	1,428.66	460.90
		For Work In Restricted Working Space, Add	*307.27*	
40 05 23 23-0569	EA	12", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	2,093.16	691.35
		For Work In Restricted Working Space, Add	*460.90*	
40 05 23 23-0570	EA	14", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	2,374.87	806.58
		For Work In Restricted Working Space, Add	*537.72*	
40 05 23 23-0571	EA	16", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	2,836.70	920.05
		For Work In Restricted Working Space, Add	*613.37*	
40 05 23 23-0572	EA	18", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	3,579.67	1,152.26
		For Work In Restricted Working Space, Add	*768.17*	
40 05 23 23-0573	EA	20", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	4,880.19	1,613.15
		For Work In Restricted Working Space, Add	*1,075.44*	
40 05 23 23-0574	EA	24", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	7,083.31	2,304.51
		For Work In Restricted Working Space, Add	*1,536.34*	

40 05 23 23-0575 Type 304, Schedule 40 Stainless Steel Butt Weld Tees *(40 05 23 23-0522)*

40 05 23 23-0576	EA	1/2", Type 304, Schedule 40 Stainless Steel Tee	179.84	72.82
		For Work In Restricted Working Space, Add	*48.55*	
40 05 23 23-0577	EA	3/4", Type 304, Schedule 40 Stainless Steel Tee	216.66	89.39
		For Work In Restricted Working Space, Add	*59.59*	
40 05 23 23-0578	EA	1", Type 304, Schedule 40 Stainless Steel Tee	241.22	100.44
		For Work In Restricted Working Space, Add	*66.96*	
40 05 23 23-0579	EA	1-1/4", Type 304, Schedule 40 Stainless Steel Tee	276.29	114.54
		For Work In Restricted Working Space, Add	*76.36*	
40 05 23 23-0580	EA	1-1/2", Type 304, Schedule 40 Stainless Steel Tee	291.22	122.94
		For Work In Restricted Working Space, Add	*81.96*	
40 05 23 23-0581	EA	2", Type 304, Schedule 40 Stainless Steel Tee	317.54	134.09
		For Work In Restricted Working Space, Add	*89.40*	
40 05 23 23-0582	EA	2-1/2", Type 304, Schedule 40 Stainless Steel Tee	412.02	160.67
		For Work In Restricted Working Space, Add	*107.11*	
40 05 23 23-0583	EA	3", Type 304, Schedule 40 Stainless Steel Tee	486.86	201.36
		For Work In Restricted Working Space, Add	*134.24*	
40 05 23 23-0584	EA	4", Type 304, Schedule 40 Stainless Steel Tee	558.68	225.99
		For Work In Restricted Working Space, Add	*150.65*	
40 05 23 23-0585	EA	6", Type 304, Schedule 40 Stainless Steel Tee	849.78	301.31
		For Work In Restricted Working Space, Add	*200.87*	
40 05 23 23-0586	EA	8", Type 304, Schedule 40 Stainless Steel Tee	1,478.79	460.90
		For Work In Restricted Working Space, Add	*307.27*	
40 05 23 23-0587	EA	10", Type 304, Schedule 40 Stainless Steel Tee	2,489.99	691.35
		For Work In Restricted Working Space, Add	*460.90*	
40 05 23 23-0588	EA	12", Type 304, Schedule 40 Stainless Steel Tee	3,097.05	864.19
		For Work In Restricted Working Space, Add	*576.13*	
40 05 23 23-0589	EA	14", Type 304, Schedule 40 Stainless Steel Tee	4,173.69	1,038.52
		For Work In Restricted Working Space, Add	*692.34*	
40 05 23 23-0590	EA	16", Type 304, Schedule 40 Stainless Steel Tee	5,290.20	1,266.87
		For Work In Restricted Working Space, Add	*844.58*	
40 05 23 23-0591	EA	18", Type 304, Schedule 40 Stainless Steel Tee	6,848.70	1,613.15
		For Work In Restricted Working Space, Add	*1,075.44*	
40 05 23 23-0592	EA	20", Type 304, Schedule 40 Stainless Steel Tee	8,849.41	2,122.59
		For Work In Restricted Working Space, Add	*1,415.05*	
40 05 23 23-0593	EA	24", Type 304, Schedule 40 Stainless Steel Tee	13,543.67	3,226.32
		For Work In Restricted Working Space, Add	*2,150.88*	

40 05 23 23-0594 Type 304, Schedule 40 Stainless Steel Butt Weld Reducing Tees *(40 05 23 23-0522)*

40 05 23 23-0595	EA	3/4", Type 304, Schedule 40 Stainless Steel Reducing Tee	169.10	60.83
		For Work In Restricted Working Space, Add	*40.56*	
40 05 23 23-0596	EA	1", Type 304, Schedule 40 Stainless Steel Reducing Tee	199.56	74.55
		For Work In Restricted Working Space, Add	*49.70*	
40 05 23 23-0597	EA	1-1/4", Type 304, Schedule 40 Stainless Steel Reducing Tee	259.90	83.76
		For Work In Restricted Working Space, Add	*55.85*	
40 05 23 23-0598	EA	1-1/2", Type 304, Schedule 40 Stainless Steel Reducing Tee	255.57	95.49
		For Work In Restricted Working Space, Add	*63.66*	
40 05 23 23-0599	EA	2", Type 304, Schedule 40 Stainless Steel Reducing Tee	261.93	102.60
		For Work In Restricted Working Space, Add	*68.41*	
40 05 23 23-0600	EA	2-1/2", Type 304, Schedule 40 Stainless Steel Reducing Tee	320.91	111.82
		For Work In Restricted Working Space, Add	*74.55*	
40 05 23 23-0601	EA	3", Type 304, Schedule 40 Stainless Steel Reducing Tee	358.03	134.03
		For Work In Restricted Working Space, Add	*89.36*	
40 05 23 23-0602	EA	4", Type 304, Schedule 40 Stainless Steel Reducing Tee	471.85	167.53
		For Work In Restricted Working Space, Add	*111.68*	
40 05 23 23-0603	EA	6", Type 304, Schedule 40 Stainless Steel Reducing Tee	654.45	191.42
		For Work In Restricted Working Space, Add	*127.61*	
40 05 23 23-0604	EA	8", Type 304, Schedule 40 Stainless Steel Reducing Tee	1,106.89	288.06
		For Work In Restricted Working Space, Add	*192.04*	
40 05 23 23-0605	EA	10", Type 304, Schedule 40 Stainless Steel Reducing Tee	2,070.73	384.09
		For Work In Restricted Working Space, Add	*256.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0606	EA	12", Type 304, Schedule 40 Stainless Steel Reducing Tee	2,984.37	576.12
		For Work In Restricted Working Space, Add	*384.08*	
40 05 23 23-0607	EA	14", Type 304, Schedule 40 Stainless Steel Reducing Tee	3,407.90	692.15
		For Work In Restricted Working Space, Add	*461.43*	
40 05 23 23-0608	EA	16", Type 304, Schedule 40 Stainless Steel Reducing Tee	4,217.89	844.29
		For Work In Restricted Working Space, Add	*562.86*	
40 05 23 23-0609	EA	18", Type 304, Schedule 40 Stainless Steel Reducing Tee	5,443.57	1,075.44
		For Work In Restricted Working Space, Add	*716.96*	
40 05 23 23-0610	EA	20", Type 304, Schedule 40 Stainless Steel Reducing Tee	7,717.54	1,415.05
		For Work In Restricted Working Space, Add	*943.37*	
40 05 23 23-0611	EA	24", Type 304, Schedule 40 Stainless Steel Reducing Tee	12,058.79	2,148.97
		For Work In Restricted Working Space, Add	*1,432.64*	

40 05 23 23-0612 Type 304, Schedule 40 Stainless Steel Butt Weld Reducers *(40 05 23 23-0522)*

40 05 23 23-0613	EA	3/4", Type 304, Schedule 40 Stainless Steel Concentric Reducer	136.38	55.33
		For Work In Restricted Working Space, Add	*36.88*	
40 05 23 23-0614	EA	1", Type 304, Schedule 40 Stainless Steel Concentric Reducer	149.86	60.29
		For Work In Restricted Working Space, Add	*40.19*	
40 05 23 23-0615	EA	1-1/4", Type 304, Schedule 40 Stainless Steel Concentric Reducer	162.96	66.83
		For Work In Restricted Working Space, Add	*44.56*	
40 05 23 23-0616	EA	1-1/2", Type 304, Schedule 40 Stainless Steel Concentric Reducer	176.22	72.84
		For Work In Restricted Working Space, Add	*48.56*	
40 05 23 23-0617	EA	2", Type 304, Schedule 40 Stainless Steel Concentric Reducer	190.66	80.44
		For Work In Restricted Working Space, Add	*53.63*	
40 05 23 23-0618	EA	2-1/2", Type 304, Schedule 40 Stainless Steel Concentric Reducer	253.30	100.52
		For Work In Restricted Working Space, Add	*67.01*	
40 05 23 23-0619	EA	3", Type 304, Schedule 40 Stainless Steel Concentric Reducer	275.37	114.43
		For Work In Restricted Working Space, Add	*76.29*	
40 05 23 23-0620	EA	4", Type 304, Schedule 40 Stainless Steel Concentric Reducer	319.06	134.09
		For Work In Restricted Working Space, Add	*89.40*	
40 05 23 23-0621	EA	6", Type 304, Schedule 40 Stainless Steel Concentric Reducer	434.34	170.71
		For Work In Restricted Working Space, Add	*113.81*	
40 05 23 23-0622	EA	8", Type 304, Schedule 40 Stainless Steel Concentric Reducer	750.78	276.54
		For Work In Restricted Working Space, Add	*184.36*	
40 05 23 23-0623	EA	10", Type 304, Schedule 40 Stainless Steel Concentric Reducer	977.64	345.68
		For Work In Restricted Working Space, Add	*230.45*	
40 05 23 23-0624	EA	12", Type 304, Schedule 40 Stainless Steel Concentric Reducer	1,274.26	460.90
		For Work In Restricted Working Space, Add	*307.27*	
40 05 23 23-0625	EA	14", Type 304, Schedule 40 Stainless Steel Concentric Reducer	1,877.40	604.94
		For Work In Restricted Working Space, Add	*403.29*	
40 05 23 23-0626	EA	16", Type 304, Schedule 40 Stainless Steel Concentric Reducer	2,209.49	689.38
		For Work In Restricted Working Space, Add	*459.59*	
40 05 23 23-0627	EA	18", Type 304, Schedule 40 Stainless Steel Concentric Reducer	2,899.38	864.19
		For Work In Restricted Working Space, Add	*576.13*	
40 05 23 23-0628	EA	20", Type 304, Schedule 40 Stainless Steel Concentric Reducer	3,963.26	1,152.26
		For Work In Restricted Working Space, Add	*768.17*	
40 05 23 23-0629	EA	24", Type 304, Schedule 40 Stainless Steel Concentric Reducer	5,502.79	1,728.38
		For Work In Restricted Working Space, Add	*1,152.26*	
40 05 23 23-0630	EA	3/4", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	163.28	55.33
		For Work In Restricted Working Space, Add	*36.88*	
40 05 23 23-0631	EA	1", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	174.30	60.29
		For Work In Restricted Working Space, Add	*40.19*	
40 05 23 23-0632	EA	1-1/4", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	199.17	66.83
		For Work In Restricted Working Space, Add	*44.56*	
40 05 23 23-0633	EA	1-1/2", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	210.73	72.84
		For Work In Restricted Working Space, Add	*48.56*	
40 05 23 23-0634	EA	2", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	225.18	80.44
		For Work In Restricted Working Space, Add	*53.63*	
40 05 23 23-0635	EA	2-1/2", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	274.07	100.52
		For Work In Restricted Working Space, Add	*67.01*	
40 05 23 23-0636	EA	3", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	344.71	114.43
		For Work In Restricted Working Space, Add	*76.29*	
40 05 23 23-0637	EA	4", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	376.18	134.09
		For Work In Restricted Working Space, Add	*89.40*	
40 05 23 23-0638	EA	6", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	514.36	170.71
		For Work In Restricted Working Space, Add	*113.81*	
40 05 23 23-0639	EA	8", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	824.01	276.54
		For Work In Restricted Working Space, Add	*184.36*	
40 05 23 23-0640	EA	10", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	1,125.08	345.68
		For Work In Restricted Working Space, Add	*230.45*	
40 05 23 23-0641	EA	12", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	1,535.52	460.90
		For Work In Restricted Working Space, Add	*307.27*	
40 05 23 23-0642	EA	14", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	2,517.77	604.94
		For Work In Restricted Working Space, Add	*403.29*	
40 05 23 23-0643	EA	16", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	2,855.79	689.38
		For Work In Restricted Working Space, Add	*459.59*	
40 05 23 23-0644	EA	18", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	3,735.50	864.19
		For Work In Restricted Working Space, Add	*576.13*	
40 05 23 23-0645	EA	20", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	4,853.82	1,152.26
		For Work In Restricted Working Space, Add	*768.17*	
40 05 23 23-0646	EA	24", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	7,725.06	1,728.38
		For Work In Restricted Working Space, Add	*1,152.26*	

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		MINOR CSI UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0647			Type 304, Schedule 40 Stainless Steel Butt Weld Caps *(40 05 23 23-0522)*		
40 05 23 23-0648		EA	1/2", Type 304, Schedule 40 Stainless Steel Cap	74.04	28.65
			For Work In Restricted Working Space, Add	*19.10*	
40 05 23 23-0649		EA	3/4", Type 304, Schedule 40 Stainless Steel Cap	79.48	30.40
			For Work In Restricted Working Space, Add	*20.27*	
40 05 23 23-0650		EA	1", Type 304, Schedule 40 Stainless Steel Cap	89.23	33.42
			For Work In Restricted Working Space, Add	*22.28*	
40 05 23 23-0651		EA	1-1/4", Type 304, Schedule 40 Stainless Steel Cap	101.37	36.42
			For Work In Restricted Working Space, Add	*24.28*	
40 05 23 23-0652		EA	1-1/2", Type 304, Schedule 40 Stainless Steel Cap	108.32	40.22
			For Work In Restricted Working Space, Add	*26.81*	
40 05 23 23-0653		EA	2", Type 304, Schedule 40 Stainless Steel Cap	112.26	44.74
			For Work In Restricted Working Space, Add	*29.83*	
40 05 23 23-0654		EA	2-1/2", Type 304, Schedule 40 Stainless Steel Cap	144.15	57.27
			For Work In Restricted Working Space, Add	*38.18*	
40 05 23 23-0655		EA	3", Type 304, Schedule 40 Stainless Steel Cap	166.56	67.13
			For Work In Restricted Working Space, Add	*44.75*	
40 05 23 23-0656		EA	4", Type 304, Schedule 40 Stainless Steel Cap	202.96	80.34
			For Work In Restricted Working Space, Add	*53.56*	
40 05 23 23-0657		EA	6", Type 304, Schedule 40 Stainless Steel Cap	279.87	100.52
			For Work In Restricted Working Space, Add	*67.01*	
40 05 23 23-0658		EA	8", Type 304, Schedule 40 Stainless Steel Cap	481.41	172.83
			For Work In Restricted Working Space, Add	*115.23*	
40 05 23 23-0659		EA	10", Type 304, Schedule 40 Stainless Steel Cap	644.06	230.46
			For Work In Restricted Working Space, Add	*153.63*	
40 05 23 23-0660		EA	12", Type 304, Schedule 40 Stainless Steel Cap	971.03	345.67
			For Work In Restricted Working Space, Add	*230.45*	
40 05 23 23-0661		EA	14", Type 304, Schedule 40 Stainless Steel Cap	1,114.54	403.29
			For Work In Restricted Working Space, Add	*268.86*	
40 05 23 23-0662		EA	16", Type 304, Schedule 40 Stainless Steel Cap	1,311.59	460.02
			For Work In Restricted Working Space, Add	*306.68*	
40 05 23 23-0663		EA	18", Type 304, Schedule 40 Stainless Steel Cap	1,646.94	576.12
			For Work In Restricted Working Space, Add	*384.08*	
40 05 23 23-0664		EA	20", Type 304, Schedule 40 Stainless Steel Cap	2,267.67	806.58
			For Work In Restricted Working Space, Add	*537.72*	
40 05 23 23-0665		EA	24", Type 304, Schedule 40 Stainless Steel Cap	3,380.46	1,152.25
			For Work In Restricted Working Space, Add	*768.17*	
40 05 23 23-0666			Type 316, Schedule 10 Stainless Steel Pipe And Butt Weld Fittings *(40 05 23 23-0212)*		
40 05 23 23-0667			Type 316, Schedule 10 Stainless Steel Pipe *(40 05 23 23-0666)*		
40 05 23 23-0668		LF	1/2" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	19.27	5.03
			For Work In Restricted Working Space, Add	*3.02*	
40 05 23 23-0669		LF	3/4" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	22.96	6.14
			For Work In Restricted Working Space, Add	*3.69*	
40 05 23 23-0670		LF	1" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	30.31	7.26
			For Work In Restricted Working Space, Add	*4.32*	
40 05 23 23-0671		LF	1-1/4" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	37.02	9.04
			For Work In Restricted Working Space, Add	*5.40*	
40 05 23 23-0672		LF	1-1/2" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	41.20	10.17
			For Work In Restricted Working Space, Add	*6.09*	
40 05 23 23-0673		LF	2" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	50.96	12.62
			For Work In Restricted Working Space, Add	*7.55*	
40 05 23 23-0674		LF	2-1/2" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	60.86	14.41
			For Work In Restricted Working Space, Add	*8.63*	
40 05 23 23-0675		LF	3" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	71.72	16.19
			For Work In Restricted Working Space, Add	*9.71*	
40 05 23 23-0676		LF	4" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	89.93	19.21
			For Work In Restricted Working Space, Add	*11.49*	
40 05 23 23-0677		LF	6" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	130.89	25.24
			For Work In Restricted Working Space, Add	*15.09*	
40 05 23 23-0678		LF	8" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	221.15	45.64
			For Work In Restricted Working Space, Add	*29.33*	
40 05 23 23-0679		LF	10" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	281.30	50.19
			For Work In Restricted Working Space, Add	*32.26*	
40 05 23 23-0680		LF	12" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	336.06	55.80
			For Work In Restricted Working Space, Add	*35.85*	
40 05 23 23-0681		LF	14" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	412.60	62.73
			For Work In Restricted Working Space, Add	*40.33*	
40 05 23 23-0682		LF	16" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	454.70	71.69
			For Work In Restricted Working Space, Add	*46.09*	
40 05 23 23-0683		LF	18" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	509.91	83.64
			For Work In Restricted Working Space, Add	*53.77*	
40 05 23 23-0684		LF	20" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	705.67	100.37
			For Work In Restricted Working Space, Add	*64.53*	
40 05 23 23-0685		LF	24" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	919.51	125.46
			For Work In Restricted Working Space, Add	*80.66*	
40 05 23 23-0686			Type 316, Schedule 10 Stainless Steel Butt Weld 90 Degree Elbows *(40 05 23 23-0666)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0687	EA	1/2", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	134.03	57.30
		For Work In Restricted Working Space, Add	*38.19*	
40 05 23 23-0688	EA	3/4", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	141.86	60.81
		For Work In Restricted Working Space, Add	*40.54*	
40 05 23 23-0689	EA	1", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	156.46	66.83
		For Work In Restricted Working Space, Add	*44.56*	
40 05 23 23-0690	EA	1-1/4", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	171.41	72.84
		For Work In Restricted Working Space, Add	*48.56*	
40 05 23 23-0691	EA	1-1/2", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	188.22	80.44
		For Work In Restricted Working Space, Add	*53.63*	
40 05 23 23-0692	EA	2", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	210.48	89.49
		For Work In Restricted Working Space, Add	*59.66*	
40 05 23 23-0693	EA	2-1/2", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	274.68	114.54
		For Work In Restricted Working Space, Add	*76.36*	
40 05 23 23-0694	EA	3", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	323.35	134.23
		For Work In Restricted Working Space, Add	*89.49*	
40 05 23 23-0695	EA	4", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	397.36	160.67
		For Work In Restricted Working Space, Add	*107.11*	
40 05 23 23-0696	EA	6", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	553.54	200.71
		For Work In Restricted Working Space, Add	*133.81*	
40 05 23 23-0697	EA	8", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	966.09	345.68
		For Work In Restricted Working Space, Add	*230.45*	
40 05 23 23-0698	EA	10", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	1,456.01	460.90
		For Work In Restricted Working Space, Add	*307.27*	
40 05 23 23-0699	EA	12", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	2,183.87	691.35
		For Work In Restricted Working Space, Add	*460.90*	
40 05 23 23-0700	EA	14", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	2,548.14	806.58
		For Work In Restricted Working Space, Add	*537.72*	
40 05 23 23-0701	EA	16", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	3,042.05	920.05
		For Work In Restricted Working Space, Add	*613.37*	
40 05 23 23-0702	EA	18", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	3,830.34	1,152.26
		For Work In Restricted Working Space, Add	*768.17*	
40 05 23 23-0703	EA	20", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	5,349.31	1,613.15
		For Work In Restricted Working Space, Add	*1,075.44*	
40 05 23 23-0704	EA	24", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	7,695.37	2,304.51
		For Work In Restricted Working Space, Add	*1,536.34*	

40 05 23 23-0705 Type 316, Schedule 10 Stainless Steel Butt Weld 45 Degree Elbows *(40 05 23 23-0666)*

40 05 23 23-0706	EA	1/2", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	135.86	57.30
		For Work In Restricted Working Space, Add	*38.19*	
40 05 23 23-0707	EA	3/4", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	143.69	60.81
		For Work In Restricted Working Space, Add	*40.54*	
40 05 23 23-0708	EA	1", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	158.29	66.83
		For Work In Restricted Working Space, Add	*44.56*	
40 05 23 23-0709	EA	1-1/4", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	173.86	72.84
		For Work In Restricted Working Space, Add	*48.56*	
40 05 23 23-0710	EA	1-1/2", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	188.22	80.44
		For Work In Restricted Working Space, Add	*53.63*	
40 05 23 23-0711	EA	2", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	210.48	89.49
		For Work In Restricted Working Space, Add	*59.66*	
40 05 23 23-0712	EA	2-1/2", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	272.85	114.54
		For Work In Restricted Working Space, Add	*76.36*	
40 05 23 23-0713	EA	3", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	320.60	134.23
		For Work In Restricted Working Space, Add	*89.49*	
40 05 23 23-0714	EA	4", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	390.94	160.67
		For Work In Restricted Working Space, Add	*107.11*	
40 05 23 23-0715	EA	6", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	515.67	200.71
		For Work In Restricted Working Space, Add	*133.81*	
40 05 23 23-0716	EA	8", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	898.13	345.68
		For Work In Restricted Working Space, Add	*230.45*	
40 05 23 23-0717	EA	10", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	1,428.66	460.90
		For Work In Restricted Working Space, Add	*307.27*	
40 05 23 23-0718	EA	12", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	2,093.16	691.35
		For Work In Restricted Working Space, Add	*460.90*	
40 05 23 23-0719	EA	14", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	2,463.14	806.58
		For Work In Restricted Working Space, Add	*537.72*	
40 05 23 23-0720	EA	16", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	2,886.20	920.05
		For Work In Restricted Working Space, Add	*613.37*	
40 05 23 23-0721	EA	18", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	3,646.81	1,152.26
		For Work In Restricted Working Space, Add	*768.17*	
40 05 23 23-0722	EA	20", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	5,184.40	1,613.15
		For Work In Restricted Working Space, Add	*1,075.44*	
40 05 23 23-0723	EA	24", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	7,475.73	2,304.51
		For Work In Restricted Working Space, Add	*1,536.34*	

40 05 23 23-0724 Type 316, Schedule 10 Stainless Steel Butt Weld Tees *(40 05 23 23-0666)*

40 05 23 23-0725	EA	1/2", Type 316, Schedule 10 Stainless Steel Tee	182.59	72.82
		For Work In Restricted Working Space, Add	*48.55*	
40 05 23 23-0726	EA	3/4", Type 316, Schedule 10 Stainless Steel Tee	219.41	89.39
		For Work In Restricted Working Space, Add	*59.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0727	EA	1", Type 316, Schedule 10 Stainless Steel Tee	243.97	100.44
		For Work In Restricted Working Space, Add	*66.96*	
40 05 23 23-0728	EA	1-1/4", Type 316, Schedule 10 Stainless Steel Tee	280.51	114.54
		For Work In Restricted Working Space, Add	*76.36*	
40 05 23 23-0729	EA	1-1/2", Type 316, Schedule 10 Stainless Steel Tee	295.80	122.94
		For Work In Restricted Working Space, Add	*81.96*	
40 05 23 23-0730	EA	2", Type 316, Schedule 10 Stainless Steel Tee	321.20	134.09
		For Work In Restricted Working Space, Add	*89.40*	
40 05 23 23-0731	EA	2-1/2", Type 316, Schedule 10 Stainless Steel Tee	391.25	160.67
		For Work In Restricted Working Space, Add	*107.11*	
40 05 23 23-0732	EA	3", Type 316, Schedule 10 Stainless Steel Tee	490.53	201.36
		For Work In Restricted Working Space, Add	*134.24*	
40 05 23 23-0733	EA	4", Type 316, Schedule 10 Stainless Steel Tee	565.40	225.99
		For Work In Restricted Working Space, Add	*150.65*	
40 05 23 23-0734	EA	6", Type 316, Schedule 10 Stainless Steel Tee	840.62	301.31
		For Work In Restricted Working Space, Add	*200.87*	
40 05 23 23-0735	EA	8", Type 316, Schedule 10 Stainless Steel Tee	1,438.20	460.90
		For Work In Restricted Working Space, Add	*307.27*	
40 05 23 23-0736	EA	10", Type 316, Schedule 10 Stainless Steel Tee	2,246.54	691.35
		For Work In Restricted Working Space, Add	*460.90*	
40 05 23 23-0737	EA	12", Type 316, Schedule 10 Stainless Steel Tee	2,894.17	864.19
		For Work In Restricted Working Space, Add	*576.13*	
40 05 23 23-0738	EA	14", Type 316, Schedule 10 Stainless Steel Tee	3,722.50	1,038.52
		For Work In Restricted Working Space, Add	*692.34*	
40 05 23 23-0739	EA	16", Type 316, Schedule 10 Stainless Steel Tee	4,391.30	1,266.87
		For Work In Restricted Working Space, Add	*844.58*	
40 05 23 23-0740	EA	18", Type 316, Schedule 10 Stainless Steel Tee	5,581.11	1,613.15
		For Work In Restricted Working Space, Add	*1,075.44*	
40 05 23 23-0741	EA	20", Type 316, Schedule 10 Stainless Steel Tee	7,532.44	2,122.59
		For Work In Restricted Working Space, Add	*1,415.05*	
40 05 23 23-0742	EA	24", Type 316, Schedule 10 Stainless Steel Tee	10,756.05	3,226.32
		For Work In Restricted Working Space, Add	*2,150.88*	

40 05 23 23-0743 Type 316, Schedule 10 Stainless Steel Butt Weld Reducing Tees *(40 05 23 23-0666)*

40 05 23 23-0744	EA	3/4", Type 316, Schedule 10 Stainless Steel Reducing Tee	174.60	60.83
		For Work In Restricted Working Space, Add	*40.56*	
40 05 23 23-0745	EA	1", Type 316, Schedule 10 Stainless Steel Reducing Tee	206.89	74.55
		For Work In Restricted Working Space, Add	*49.70*	
40 05 23 23-0746	EA	1-1/4", Type 316, Schedule 10 Stainless Steel Reducing Tee	254.57	83.76
		For Work In Restricted Working Space, Add	*55.85*	
40 05 23 23-0747	EA	1-1/2", Type 316, Schedule 10 Stainless Steel Reducing Tee	259.24	95.49
		For Work In Restricted Working Space, Add	*63.66*	
40 05 23 23-0748	EA	2", Type 316, Schedule 10 Stainless Steel Reducing Tee	275.07	102.60
		For Work In Restricted Working Space, Add	*68.41*	
40 05 23 23-0749	EA	2-1/2", Type 316, Schedule 10 Stainless Steel Reducing Tee	380.14	111.82
		For Work In Restricted Working Space, Add	*74.55*	
40 05 23 23-0750	EA	3", Type 316, Schedule 10 Stainless Steel Reducing Tee	365.36	134.03
		For Work In Restricted Working Space, Add	*89.36*	
40 05 23 23-0751	EA	4", Type 316, Schedule 10 Stainless Steel Reducing Tee	494.45	167.53
		For Work In Restricted Working Space, Add	*111.68*	
40 05 23 23-0752	EA	6", Type 316, Schedule 10 Stainless Steel Reducing Tee	707.29	191.42
		For Work In Restricted Working Space, Add	*127.61*	
40 05 23 23-0753	EA	8", Type 316, Schedule 10 Stainless Steel Reducing Tee	1,400.81	288.06
		For Work In Restricted Working Space, Add	*192.04*	
40 05 23 23-0754	EA	10", Type 316, Schedule 10 Stainless Steel Reducing Tee	2,578.07	384.09
		For Work In Restricted Working Space, Add	*256.06*	
40 05 23 23-0755	EA	12", Type 316, Schedule 10 Stainless Steel Reducing Tee	3,369.98	576.12
		For Work In Restricted Working Space, Add	*384.08*	
40 05 23 23-0756	EA	14", Type 316, Schedule 10 Stainless Steel Reducing Tee	3,831.00	692.15
		For Work In Restricted Working Space, Add	*461.43*	
40 05 23 23-0757	EA	16", Type 316, Schedule 10 Stainless Steel Reducing Tee	4,747.78	844.29
		For Work In Restricted Working Space, Add	*562.86*	
40 05 23 23-0758	EA	18", Type 316, Schedule 10 Stainless Steel Reducing Tee	6,134.56	1,075.44
		For Work In Restricted Working Space, Add	*716.96*	
40 05 23 23-0759	EA	20", Type 316, Schedule 10 Stainless Steel Reducing Tee	8,752.32	1,415.05
		For Work In Restricted Working Space, Add	*943.37*	
40 05 23 23-0760	EA	24", Type 316, Schedule 10 Stainless Steel Reducing Tee	13,706.88	2,148.97
		For Work In Restricted Working Space, Add	*1,432.64*	

40 05 23 23-0761 Type 316, Schedule 10 Stainless Steel Butt Weld Reducers *(40 05 23 23-0666)*

40 05 23 23-0762	EA	3/4", Type 316, Schedule 10 Stainless Steel Concentric Reducer	136.07	55.33
		For Work In Restricted Working Space, Add	*36.88*	
40 05 23 23-0763	EA	1", Type 316, Schedule 10 Stainless Steel Concentric Reducer	150.17	60.29
		For Work In Restricted Working Space, Add	*40.19*	
40 05 23 23-0764	EA	1-1/4", Type 316, Schedule 10 Stainless Steel Concentric Reducer	167.62	66.83
		For Work In Restricted Working Space, Add	*44.56*	
40 05 23 23-0765	EA	1-1/2", Type 316, Schedule 10 Stainless Steel Concentric Reducer	175.30	72.84
		For Work In Restricted Working Space, Add	*48.56*	
40 05 23 23-0766	EA	2", Type 316, Schedule 10 Stainless Steel Concentric Reducer	190.66	80.44
		For Work In Restricted Working Space, Add	*53.63*	
40 05 23 23-0767	EA	2-1/2", Type 316, Schedule 10 Stainless Steel Concentric Reducer	252.02	100.52
		For Work In Restricted Working Space, Add	*67.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0768	EA	3", Type 316, Schedule 10 Stainless Steel Concentric Reducer	293.70	114.43
		For Work In Restricted Working Space, Add	*76.29*	
40 05 23 23-0769	EA	4", Type 316, Schedule 10 Stainless Steel Concentric Reducer	321.24	134.09
		For Work In Restricted Working Space, Add	*89.40*	
40 05 23 23-0770	EA	6", Type 316, Schedule 10 Stainless Steel Concentric Reducer	446.86	170.71
		For Work In Restricted Working Space, Add	*113.81*	
40 05 23 23-0771	EA	8", Type 316, Schedule 10 Stainless Steel Concentric Reducer	714.57	276.54
		For Work In Restricted Working Space, Add	*184.36*	
40 05 23 23-0772	EA	10", Type 316, Schedule 10 Stainless Steel Concentric Reducer	925.20	345.68
		For Work In Restricted Working Space, Add	*230.45*	
40 05 23 23-0773	EA	12", Type 316, Schedule 10 Stainless Steel Concentric Reducer	1,237.99	460.90
		For Work In Restricted Working Space, Add	*307.27*	
40 05 23 23-0774	EA	14", Type 316, Schedule 10 Stainless Steel Concentric Reducer	1,758.52	604.94
		For Work In Restricted Working Space, Add	*403.29*	
40 05 23 23-0775	EA	16", Type 316, Schedule 10 Stainless Steel Concentric Reducer	2,041.59	689.38
		For Work In Restricted Working Space, Add	*459.59*	
40 05 23 23-0776	EA	18", Type 316, Schedule 10 Stainless Steel Concentric Reducer	2,528.09	864.19
		For Work In Restricted Working Space, Add	*576.13*	
40 05 23 23-0777	EA	20", Type 316, Schedule 10 Stainless Steel Concentric Reducer	3,555.59	1,152.26
		For Work In Restricted Working Space, Add	*768.17*	
40 05 23 23-0778	EA	24", Type 316, Schedule 10 Stainless Steel Concentric Reducer	5,175.00	1,728.38
		For Work In Restricted Working Space, Add	*1,152.26*	
40 05 23 23-0779	EA	3/4", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	159.81	55.33
		For Work In Restricted Working Space, Add	*36.88*	
40 05 23 23-0780	EA	1", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	178.36	60.29
		For Work In Restricted Working Space, Add	*40.19*	
40 05 23 23-0781	EA	1-1/4", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	201.05	66.83
		For Work In Restricted Working Space, Add	*44.56*	
40 05 23 23-0782	EA	1-1/2", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	214.39	72.84
		For Work In Restricted Working Space, Add	*48.56*	
40 05 23 23-0783	EA	2", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	214.79	80.44
		For Work In Restricted Working Space, Add	*53.63*	
40 05 23 23-0784	EA	2-1/2", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	285.37	100.52
		For Work In Restricted Working Space, Add	*67.01*	
40 05 23 23-0785	EA	3", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	327.91	114.43
		For Work In Restricted Working Space, Add	*76.29*	
40 05 23 23-0786	EA	4", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	367.63	134.09
		For Work In Restricted Working Space, Add	*89.40*	
40 05 23 23-0787	EA	6", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	526.58	170.71
		For Work In Restricted Working Space, Add	*113.81*	
40 05 23 23-0788	EA	8", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	887.33	276.54
		For Work In Restricted Working Space, Add	*184.36*	
40 05 23 23-0789	EA	10", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	1,222.73	345.68
		For Work In Restricted Working Space, Add	*230.45*	
40 05 23 23-0790	EA	12", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	1,546.73	460.90
		For Work In Restricted Working Space, Add	*307.27*	
40 05 23 23-0791	EA	14", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	2,344.00	604.94
		For Work In Restricted Working Space, Add	*403.29*	
40 05 23 23-0792	EA	16", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	2,749.23	689.38
		For Work In Restricted Working Space, Add	*459.59*	
40 05 23 23-0793	EA	18", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	3,407.27	864.19
		For Work In Restricted Working Space, Add	*576.13*	
40 05 23 23-0794	EA	20", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	4,961.68	1,152.26
		For Work In Restricted Working Space, Add	*768.17*	
40 05 23 23-0795	EA	24", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	6,844.84	1,728.38
		For Work In Restricted Working Space, Add	*1,152.26*	

40 05 23 23-0796 Type 316, Schedule 10 Stainless Steel Butt Weld Caps *(40 05 23 23-0666)*

40 05 23 23-0797	EA	1/2", Type 316, Schedule 10 Stainless Steel Cap	77.10	28.65
		For Work In Restricted Working Space, Add	*19.10*	
40 05 23 23-0798	EA	3/4", Type 316, Schedule 10 Stainless Steel Cap	85.59	30.40
		For Work In Restricted Working Space, Add	*20.27*	
40 05 23 23-0799	EA	1", Type 316, Schedule 10 Stainless Steel Cap	93.81	33.42
		For Work In Restricted Working Space, Add	*22.28*	
40 05 23 23-0800	EA	1-1/4", Type 316, Schedule 10 Stainless Steel Cap	102.59	36.42
		For Work In Restricted Working Space, Add	*24.28*	
40 05 23 23-0801	EA	1-1/2", Type 316, Schedule 10 Stainless Steel Cap	110.76	40.22
		For Work In Restricted Working Space, Add	*26.81*	
40 05 23 23-0802	EA	2", Type 316, Schedule 10 Stainless Steel Cap	116.23	44.74
		For Work In Restricted Working Space, Add	*29.83*	
40 05 23 23-0803	EA	2-1/2", Type 316, Schedule 10 Stainless Steel Cap	145.04	57.27
		For Work In Restricted Working Space, Add	*38.18*	
40 05 23 23-0804	EA	3", Type 316, Schedule 10 Stainless Steel Cap	171.75	67.13
		For Work In Restricted Working Space, Add	*44.75*	
40 05 23 23-0805	EA	4", Type 316, Schedule 10 Stainless Steel Cap	205.71	80.34
		For Work In Restricted Working Space, Add	*53.56*	
40 05 23 23-0806	EA	6", Type 316, Schedule 10 Stainless Steel Cap	268.57	100.52
		For Work In Restricted Working Space, Add	*67.01*	
40 05 23 23-0807	EA	8", Type 316, Schedule 10 Stainless Steel Cap	465.24	172.83
		For Work In Restricted Working Space, Add	*115.23*	
40 05 23 23-0808	EA	10", Type 316, Schedule 10 Stainless Steel Cap	617.18	230.46
		For Work In Restricted Working Space, Add	*153.63*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0809	EA	12", Type 316, Schedule 10 Stainless Steel Cap	908.97	345.67
		For Work In Restricted Working Space, Add	*230.45*	
40 05 23 23-0810	EA	14", Type 316, Schedule 10 Stainless Steel Cap	1,057.18	403.29
		For Work In Restricted Working Space, Add	*268.86*	
40 05 23 23-0811	EA	16", Type 316, Schedule 10 Stainless Steel Cap	1,215.59	460.02
		For Work In Restricted Working Space, Add	*306.68*	
40 05 23 23-0812	EA	18", Type 316, Schedule 10 Stainless Steel Cap	1,532.09	576.12
		For Work In Restricted Working Space, Add	*384.08*	
40 05 23 23-0813	EA	20", Type 316, Schedule 10 Stainless Steel Cap	2,122.67	806.58
		For Work In Restricted Working Space, Add	*537.72*	
40 05 23 23-0814	EA	24", Type 316, Schedule 10 Stainless Steel Cap	3,208.05	1,152.25
		For Work In Restricted Working Space, Add	*768.17*	

40 05 23 23-0815 Type 316, Schedule 40 Stainless Steel Pipe And Butt Weld Fittings *(40 05 23 23-0212)*

40 05 23 23-0816 Type 316, Schedule 40 Stainless Steel Pipe *(40 05 23 23-0815)*

40 05 23 23-0817	LF	1/2" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	21.73	5.03
		For Work In Restricted Working Space, Add	*3.02*	
40 05 23 23-0818	LF	3/4" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	26.41	6.14
		For Work In Restricted Working Space, Add	*3.69*	
40 05 23 23-0819	LF	1" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	32.34	7.26
		For Work In Restricted Working Space, Add	*4.32*	
40 05 23 23-0820	LF	1-1/4" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	40.42	8.93
		For Work In Restricted Working Space, Add	*5.40*	
40 05 23 23-0821	LF	1-1/2" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	46.55	10.05
		For Work In Restricted Working Space, Add	*6.09*	
40 05 23 23-0822	LF	2" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	59.63	12.84
		For Work In Restricted Working Space, Add	*7.55*	
40 05 23 23-0823	LF	2-1/2" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	73.95	14.52
		For Work In Restricted Working Space, Add	*8.63*	
40 05 23 23-0824	LF	3" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	72.16	16.19
		For Work In Restricted Working Space, Add	*9.71*	
40 05 23 23-0825	LF	4" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	118.79	18.98
		For Work In Restricted Working Space, Add	*11.49*	
40 05 23 23-0826	LF	6" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	184.76	25.12
		For Work In Restricted Working Space, Add	*15.09*	
40 05 23 23-0827	LF	8" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	328.24	45.41
		For Work In Restricted Working Space, Add	*29.33*	
40 05 23 23-0828	LF	10" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	414.85	50.19
		For Work In Restricted Working Space, Add	*32.26*	
40 05 23 23-0829	LF	12" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	516.43	55.56
		For Work In Restricted Working Space, Add	*35.85*	

40 05 23 23-0830 Type 316, Schedule 40 Stainless Steel Butt Weld 90 Degree Elbows *(40 05 23 23-0815)*

40 05 23 23-0831	EA	1/2", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	135.56	57.30
		For Work In Restricted Working Space, Add	*38.19*	
40 05 23 23-0832	EA	3/4", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	143.39	60.81
		For Work In Restricted Working Space, Add	*40.54*	
40 05 23 23-0833	EA	1", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	157.99	66.83
		For Work In Restricted Working Space, Add	*44.56*	
40 05 23 23-0834	EA	1-1/4", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	172.08	72.84
		For Work In Restricted Working Space, Add	*48.56*	
40 05 23 23-0835	EA	1-1/2", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	189.75	80.44
		For Work In Restricted Working Space, Add	*53.63*	
40 05 23 23-0836	EA	2", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	214.14	89.49
		For Work In Restricted Working Space, Add	*59.66*	
40 05 23 23-0837	EA	2-1/2", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	285.98	114.54
		For Work In Restricted Working Space, Add	*76.36*	
40 05 23 23-0838	EA	3", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	339.23	134.23
		For Work In Restricted Working Space, Add	*89.49*	
40 05 23 23-0839	EA	4", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	432.18	160.67
		For Work In Restricted Working Space, Add	*107.11*	
40 05 23 23-0840	EA	6", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	675.71	200.71
		For Work In Restricted Working Space, Add	*133.81*	
40 05 23 23-0841	EA	8", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	1,199.95	345.68
		For Work In Restricted Working Space, Add	*230.45*	
40 05 23 23-0842	EA	10", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	1,967.30	460.90
		For Work In Restricted Working Space, Add	*307.27*	
40 05 23 23-0843	EA	12", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	2,802.37	691.35
		For Work In Restricted Working Space, Add	*460.90*	
40 05 23 23-0844	EA	14", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	3,131.92	806.58
		For Work In Restricted Working Space, Add	*537.72*	
40 05 23 23-0845	EA	16", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	3,804.19	920.05
		For Work In Restricted Working Space, Add	*613.37*	
40 05 23 23-0846	EA	18", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	4,858.22	1,152.26
		For Work In Restricted Working Space, Add	*768.17*	
40 05 23 23-0847	EA	20", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	6,558.27	1,613.15
		For Work In Restricted Working Space, Add	*1,075.44*	
40 05 23 23-0848	EA	24", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	9,520.24	2,304.51
		For Work In Restricted Working Space, Add	*1,536.34*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0849		Type 316, Schedule 40 Stainless Steel Butt Weld 45 Degree Elbows *(40 05 23 23-0815)*		
40 05 23 23-0850	EA	1/2", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	138.61	57.30
		For Work In Restricted Working Space, Add	*38.19*	
40 05 23 23-0851	EA	3/4", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	146.44	60.81
		For Work In Restricted Working Space, Add	*40.54*	
40 05 23 23-0852	EA	1", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	159.82	66.83
		For Work In Restricted Working Space, Add	*44.56*	
40 05 23 23-0853	EA	1-1/4", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	172.97	72.84
		For Work In Restricted Working Space, Add	*48.56*	
40 05 23 23-0854	EA	1-1/2", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	191.58	80.44
		For Work In Restricted Working Space, Add	*53.63*	
40 05 23 23-0855	EA	2", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	214.14	89.49
		For Work In Restricted Working Space, Add	*59.66*	
40 05 23 23-0856	EA	2-1/2", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	285.98	114.54
		For Work In Restricted Working Space, Add	*76.36*	
40 05 23 23-0857	EA	3", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	327.32	134.23
		For Work In Restricted Working Space, Add	*89.49*	
40 05 23 23-0858	EA	4", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	409.57	160.67
		For Work In Restricted Working Space, Add	*107.11*	
40 05 23 23-0859	EA	6", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	582.86	200.71
		For Work In Restricted Working Space, Add	*133.81*	
40 05 23 23-0860	EA	8", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	1,036.36	345.68
		For Work In Restricted Working Space, Add	*230.45*	
40 05 23 23-0861	EA	10", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	1,590.29	460.90
		For Work In Restricted Working Space, Add	*307.27*	
40 05 23 23-0862	EA	12", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	2,297.66	691.35
		For Work In Restricted Working Space, Add	*460.90*	
40 05 23 23-0863	EA	14", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	2,609.56	806.58
		For Work In Restricted Working Space, Add	*537.72*	
40 05 23 23-0864	EA	16", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	2,947.21	920.05
		For Work In Restricted Working Space, Add	*613.37*	
40 05 23 23-0865	EA	18", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	3,791.34	1,152.26
		For Work In Restricted Working Space, Add	*768.17*	
40 05 23 23-0866	EA	20", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	5,150.94	1,613.15
		For Work In Restricted Working Space, Add	*1,075.44*	
40 05 23 23-0867	EA	24", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	7,640.80	2,304.51
		For Work In Restricted Working Space, Add	*1,536.34*	
40 05 23 23-0868		Type 316, Schedule 40 Stainless Steel Butt Weld Tees *(40 05 23 23-0815)*		
40 05 23 23-0869	EA	1/2", Type 316, Schedule 40 Stainless Steel Tee	184.42	72.82
		For Work In Restricted Working Space, Add	*48.55*	
40 05 23 23-0870	EA	3/4", Type 316, Schedule 40 Stainless Steel Tee	221.24	89.39
		For Work In Restricted Working Space, Add	*59.59*	
40 05 23 23-0871	EA	1", Type 316, Schedule 40 Stainless Steel Tee	245.80	100.44
		For Work In Restricted Working Space, Add	*66.96*	
40 05 23 23-0872	EA	1-1/4", Type 316, Schedule 40 Stainless Steel Tee	283.17	114.54
		For Work In Restricted Working Space, Add	*76.36*	
40 05 23 23-0873	EA	1-1/2", Type 316, Schedule 40 Stainless Steel Tee	295.80	122.94
		For Work In Restricted Working Space, Add	*81.96*	
40 05 23 23-0874	EA	2", Type 316, Schedule 40 Stainless Steel Tee	322.42	134.09
		For Work In Restricted Working Space, Add	*89.40*	
40 05 23 23-0875	EA	2-1/2", Type 316, Schedule 40 Stainless Steel Tee	402.13	160.67
		For Work In Restricted Working Space, Add	*107.11*	
40 05 23 23-0876	EA	3", Type 316, Schedule 40 Stainless Steel Tee	496.33	201.36
		For Work In Restricted Working Space, Add	*134.24*	
40 05 23 23-0877	EA	4", Type 316, Schedule 40 Stainless Steel Tee	575.48	225.99
		For Work In Restricted Working Space, Add	*150.65*	
40 05 23 23-0878	EA	6", Type 316, Schedule 40 Stainless Steel Tee	912.40	301.31
		For Work In Restricted Working Space, Add	*200.87*	
40 05 23 23-0879	EA	8", Type 316, Schedule 40 Stainless Steel Tee	1,622.61	460.90
		For Work In Restricted Working Space, Add	*307.27*	
40 05 23 23-0880	EA	10", Type 316, Schedule 40 Stainless Steel Tee	2,733.42	691.35
		For Work In Restricted Working Space, Add	*460.90*	
40 05 23 23-0881	EA	12", Type 316, Schedule 40 Stainless Steel Tee	3,360.94	864.19
		For Work In Restricted Working Space, Add	*576.13*	
40 05 23 23-0882	EA	14", Type 316, Schedule 40 Stainless Steel Tee	4,820.52	1,038.52
		For Work In Restricted Working Space, Add	*692.34*	
40 05 23 23-0883	EA	16", Type 316, Schedule 40 Stainless Steel Tee	5,973.58	1,266.87
		For Work In Restricted Working Space, Add	*844.58*	
40 05 23 23-0884	EA	18", Type 316, Schedule 40 Stainless Steel Tee	7,738.03	1,613.15
		For Work In Restricted Working Space, Add	*1,075.44*	
40 05 23 23-0885	EA	20", Type 316, Schedule 40 Stainless Steel Tee	10,052.41	2,122.59
		For Work In Restricted Working Space, Add	*1,415.05*	
40 05 23 23-0886	EA	24", Type 316, Schedule 40 Stainless Steel Tee	14,395.60	3,226.32
		For Work In Restricted Working Space, Add	*2,150.88*	
40 05 23 23-0887		Type 316, Schedule 40 Stainless Steel Butt Weld Reducing Tees *(40 05 23 23-0815)*		
40 05 23 23-0888	EA	3/4", Type 316, Schedule 40 Stainless Steel Reducing Tee	180.40	60.83
		For Work In Restricted Working Space, Add	*40.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0889	EA	1", Type 316, Schedule 40 Stainless Steel Reducing Tee	210.86	74.55
		For Work In Restricted Working Space, Add	*49.70*	
40 05 23 23-0890	EA	1-1/4", Type 316, Schedule 40 Stainless Steel Reducing Tee	279.00	83.76
		For Work In Restricted Working Space, Add	*55.85*	
40 05 23 23-0891	EA	1-1/2", Type 316, Schedule 40 Stainless Steel Reducing Tee	268.70	95.49
		For Work In Restricted Working Space, Add	*63.66*	
40 05 23 23-0892	EA	2", Type 316, Schedule 40 Stainless Steel Reducing Tee	275.07	102.60
		For Work In Restricted Working Space, Add	*68.41*	
40 05 23 23-0893	EA	2-1/2", Type 316, Schedule 40 Stainless Steel Reducing Tee	381.97	111.82
		For Work In Restricted Working Space, Add	*74.55*	
40 05 23 23-0894	EA	3", Type 316, Schedule 40 Stainless Steel Reducing Tee	378.49	134.03
		For Work In Restricted Working Space, Add	*89.36*	
40 05 23 23-0895	EA	4", Type 316, Schedule 40 Stainless Steel Reducing Tee	507.59	167.53
		For Work In Restricted Working Space, Add	*111.68*	
40 05 23 23-0896	EA	6", Type 316, Schedule 40 Stainless Steel Reducing Tee	715.54	191.42
		For Work In Restricted Working Space, Add	*127.61*	
40 05 23 23-0897	EA	8", Type 316, Schedule 40 Stainless Steel Reducing Tee	1,238.52	288.06
		For Work In Restricted Working Space, Add	*192.04*	
40 05 23 23-0898	EA	10", Type 316, Schedule 40 Stainless Steel Reducing Tee	2,618.65	384.09
		For Work In Restricted Working Space, Add	*256.06*	
40 05 23 23-0899	EA	12", Type 316, Schedule 40 Stainless Steel Reducing Tee	3,451.13	576.12
		For Work In Restricted Working Space, Add	*384.08*	
40 05 23 23-0900	EA	14", Type 316, Schedule 40 Stainless Steel Reducing Tee	3,920.04	692.15
		For Work In Restricted Working Space, Add	*461.43*	
40 05 23 23-0901	EA	16", Type 316, Schedule 40 Stainless Steel Reducing Tee	4,859.29	844.29
		For Work In Restricted Working Space, Add	*562.86*	
40 05 23 23-0902	EA	18", Type 316, Schedule 40 Stainless Steel Reducing Tee	6,279.98	1,075.44
		For Work In Restricted Working Space, Add	*716.96*	
40 05 23 23-0903	EA	20", Type 316, Schedule 40 Stainless Steel Reducing Tee	8,970.09	1,415.05
		For Work In Restricted Working Space, Add	*943.37*	
40 05 23 23-0904	EA	24", Type 316, Schedule 40 Stainless Steel Reducing Tee	14,053.71	2,148.97
		For Work In Restricted Working Space, Add	*1,432.64*	

40 05 23 23-0905 Type 316, Schedule 40 Stainless Steel Butt Weld Reducers *(40 05 23 23-0815)*

40 05 23 23-0906	EA	3/4", Type 316, Schedule 40 Stainless Steel Concentric Reducer	140.96	55.33
		For Work In Restricted Working Space, Add	*36.88*	
40 05 23 23-0907	EA	1", Type 316, Schedule 40 Stainless Steel Concentric Reducer	155.05	60.29
		For Work In Restricted Working Space, Add	*40.19*	
40 05 23 23-0908	EA	1-1/4", Type 316, Schedule 40 Stainless Steel Concentric Reducer	169.84	66.83
		For Work In Restricted Working Space, Add	*44.56*	
40 05 23 23-0909	EA	1-1/2", Type 316, Schedule 40 Stainless Steel Concentric Reducer	180.80	72.84
		For Work In Restricted Working Space, Add	*48.56*	
40 05 23 23-0910	EA	2", Type 316, Schedule 40 Stainless Steel Concentric Reducer	194.02	80.44
		For Work In Restricted Working Space, Add	*53.63*	
40 05 23 23-0911	EA	2-1/2", Type 316, Schedule 40 Stainless Steel Concentric Reducer	262.77	100.52
		For Work In Restricted Working Space, Add	*67.01*	
40 05 23 23-0912	EA	3", Type 316, Schedule 40 Stainless Steel Concentric Reducer	281.79	114.43
		For Work In Restricted Working Space, Add	*76.29*	
40 05 23 23-0913	EA	4", Type 316, Schedule 40 Stainless Steel Concentric Reducer	325.48	134.09
		For Work In Restricted Working Space, Add	*89.40*	
40 05 23 23-0914	EA	6", Type 316, Schedule 40 Stainless Steel Concentric Reducer	449.00	170.71
		For Work In Restricted Working Space, Add	*113.81*	
40 05 23 23-0915	EA	8", Type 316, Schedule 40 Stainless Steel Concentric Reducer	778.48	276.54
		For Work In Restricted Working Space, Add	*184.36*	
40 05 23 23-0916	EA	10", Type 316, Schedule 40 Stainless Steel Concentric Reducer	1,045.60	345.68
		For Work In Restricted Working Space, Add	*230.45*	
40 05 23 23-0917	EA	12", Type 316, Schedule 40 Stainless Steel Concentric Reducer	1,324.41	460.90
		For Work In Restricted Working Space, Add	*307.27*	
40 05 23 23-0918	EA	14", Type 316, Schedule 40 Stainless Steel Concentric Reducer	1,923.13	604.94
		For Work In Restricted Working Space, Add	*403.29*	
40 05 23 23-0919	EA	16", Type 316, Schedule 40 Stainless Steel Concentric Reducer	2,216.79	689.38
		For Work In Restricted Working Space, Add	*459.59*	
40 05 23 23-0920	EA	18", Type 316, Schedule 40 Stainless Steel Concentric Reducer	2,965.70	864.19
		For Work In Restricted Working Space, Add	*576.13*	
40 05 23 23-0921	EA	20", Type 316, Schedule 40 Stainless Steel Concentric Reducer	4,023.69	1,152.26
		For Work In Restricted Working Space, Add	*768.17*	
40 05 23 23-0922	EA	24", Type 316, Schedule 40 Stainless Steel Concentric Reducer	5,766.08	1,728.38
		For Work In Restricted Working Space, Add	*1,152.26*	
40 05 23 23-0923	EA	3/4", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	175.47	55.33
		For Work In Restricted Working Space, Add	*36.88*	
40 05 23 23-0924	EA	1", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	186.51	60.29
		For Work In Restricted Working Space, Add	*40.19*	
40 05 23 23-0925	EA	1-1/4", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	216.94	66.83
		For Work In Restricted Working Space, Add	*44.56*	
40 05 23 23-0926	EA	1-1/2", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	223.86	72.84
		For Work In Restricted Working Space, Add	*48.56*	
40 05 23 23-0927	EA	2", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	239.84	80.44
		For Work In Restricted Working Space, Add	*53.63*	
40 05 23 23-0928	EA	2-1/2", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	285.37	100.52
		For Work In Restricted Working Space, Add	*67.01*	
40 05 23 23-0929	EA	3", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	370.06	114.43
		For Work In Restricted Working Space, Add	*76.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0930	EA	4", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	401.23	134.09
		For Work In Restricted Working Space, Add	*89.40*	
40 05 23 23-0931	EA	6", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	573.31	170.71
		For Work In Restricted Working Space, Add	*113.81*	
40 05 23 23-0932	EA	8", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	871.50	276.54
		For Work In Restricted Working Space, Add	*184.36*	
40 05 23 23-0933	EA	10", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	1,250.10	345.68
		For Work In Restricted Working Space, Add	*230.45*	
40 05 23 23-0934	EA	12", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	1,733.44	460.90
		For Work In Restricted Working Space, Add	*307.27*	
40 05 23 23-0935	EA	14", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	2,610.35	604.94
		For Work In Restricted Working Space, Add	*403.29*	
40 05 23 23-0936	EA	16", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	3,007.92	689.38
		For Work In Restricted Working Space, Add	*459.59*	
40 05 23 23-0937	EA	18", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	4,047.18	864.19
		For Work In Restricted Working Space, Add	*576.13*	
40 05 23 23-0938	EA	20", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	5,200.33	1,152.26
		For Work In Restricted Working Space, Add	*768.17*	
40 05 23 23-0939	EA	24", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	7,796.09	1,728.38
		For Work In Restricted Working Space, Add	*1,152.26*	

40 05 23 23-0940 Type 316, Schedule 40 Stainless Steel Butt Weld Caps *(40 05 23 23-0815)*

40 05 23 23-0941	EA	1/2", Type 316, Schedule 40 Stainless Steel Cap	77.71	28.65
		For Work In Restricted Working Space, Add	*19.10*	
40 05 23 23-0942	EA	3/4", Type 316, Schedule 40 Stainless Steel Cap	85.29	30.40
		For Work In Restricted Working Space, Add	*20.27*	
40 05 23 23-0943	EA	1", Type 316, Schedule 40 Stainless Steel Cap	94.42	33.42
		For Work In Restricted Working Space, Add	*22.28*	
40 05 23 23-0944	EA	1-1/4", Type 316, Schedule 40 Stainless Steel Cap	108.25	36.42
		For Work In Restricted Working Space, Add	*24.28*	
40 05 23 23-0945	EA	1-1/2", Type 316, Schedule 40 Stainless Steel Cap	106.18	40.22
		For Work In Restricted Working Space, Add	*26.81*	
40 05 23 23-0946	EA	2", Type 316, Schedule 40 Stainless Steel Cap	120.50	44.74
		For Work In Restricted Working Space, Add	*29.83*	
40 05 23 23-0947	EA	2-1/2", Type 316, Schedule 40 Stainless Steel Cap	150.59	57.27
		For Work In Restricted Working Space, Add	*38.18*	
40 05 23 23-0948	EA	3", Type 316, Schedule 40 Stainless Steel Cap	172.67	67.13
		For Work In Restricted Working Space, Add	*44.75*	
40 05 23 23-0949	EA	4", Type 316, Schedule 40 Stainless Steel Cap	212.43	80.34
		For Work In Restricted Working Space, Add	*53.56*	
40 05 23 23-0950	EA	6", Type 316, Schedule 40 Stainless Steel Cap	296.67	100.52
		For Work In Restricted Working Space, Add	*67.01*	
40 05 23 23-0951	EA	8", Type 316, Schedule 40 Stainless Steel Cap	518.02	172.83
		For Work In Restricted Working Space, Add	*115.23*	
40 05 23 23-0952	EA	10", Type 316, Schedule 40 Stainless Steel Cap	694.85	230.46
		For Work In Restricted Working Space, Add	*153.63*	
40 05 23 23-0953	EA	12", Type 316, Schedule 40 Stainless Steel Cap	1,036.01	345.67
		For Work In Restricted Working Space, Add	*230.45*	
40 05 23 23-0954	EA	14", Type 316, Schedule 40 Stainless Steel Cap	1,180.30	403.29
		For Work In Restricted Working Space, Add	*268.86*	
40 05 23 23-0955	EA	16", Type 316, Schedule 40 Stainless Steel Cap	1,325.86	460.02
		For Work In Restricted Working Space, Add	*306.68*	
40 05 23 23-0956	EA	18", Type 316, Schedule 40 Stainless Steel Cap	1,693.56	576.12
		For Work In Restricted Working Space, Add	*384.08*	
40 05 23 23-0957	EA	20", Type 316, Schedule 40 Stainless Steel Cap	2,325.94	806.58
		For Work In Restricted Working Space, Add	*537.72*	
40 05 23 23-0958	EA	24", Type 316, Schedule 40 Stainless Steel Cap	3,603.91	1,152.25
		For Work In Restricted Working Space, Add	*768.17*	

40 05 23 23-0959 Stainless Steel Thread-O-Let Fittings *(40 05 23 23-0212)*

40 05 23 23-0960	EA	1/2", Stainless Steel Thread-o-let Fitting	92.70	34.72
		For Work In Restricted Working Space, Add	*23.15*	
40 05 23 23-0961	EA	3/4", Stainless Steel Thread-o-let Fitting	122.29	46.29
		For Work In Restricted Working Space, Add	*30.86*	
40 05 23 23-0962	EA	1", Stainless Steel Thread-o-let Fitting	150.68	57.41
		For Work In Restricted Working Space, Add	*38.27*	
40 05 23 23-0963	EA	1-1/4", Stainless Steel Thread-o-let Fitting	216.39	81.23
		For Work In Restricted Working Space, Add	*54.16*	
40 05 23 23-0964	EA	1-1/2", Stainless Steel Thread-o-let Fitting	239.44	91.61
		For Work In Restricted Working Space, Add	*61.07*	
40 05 23 23-0965	EA	2", Stainless Steel Thread-o-let Fitting	299.43	116.38
		For Work In Restricted Working Space, Add	*77.58*	
40 05 23 23-0966	EA	2-1/2", Stainless Steel Thread-o-let Fitting	535.64	179.41
		For Work In Restricted Working Space, Add	*119.60*	
40 05 23 23-0967	EA	3", Stainless Steel Thread-o-let Fitting	717.75	229.03
		For Work In Restricted Working Space, Add	*152.69*	
40 05 23 23-0968	EA	4", Stainless Steel Thread-o-let Fitting	946.74	287.04
		For Work In Restricted Working Space, Add	*191.36*	

40 05 23 23-0969 Stainless Steel Flanges *(40 05 23 23-0212)*

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0970		150#, Type 304 Stainless Steel Raised Face Threaded Flange *(40 05 23 23-0969)*			
40 05 23 23-0971	EA	1/2", 150#, Type 304 Stainless Steel Raised Face Threaded Flange		72.67	19.30
		For Work In Restricted Working Space, Add		*11.57*	
40 05 23 23-0972	EA	3/4", 150#, Type 304 Stainless Steel Raised Face Threaded Flange		89.32	25.73
		For Work In Restricted Working Space, Add		*15.43*	
40 05 23 23-0973	EA	1", 150#, Type 304 Stainless Steel Raised Face Threaded Flange		106.22	31.89
		For Work In Restricted Working Space, Add		*19.14*	
40 05 23 23-0974	EA	1-1/4", 150#, Type 304 Stainless Steel Raised Face Threaded Flange		144.06	45.14
		For Work In Restricted Working Space, Add		*27.08*	
40 05 23 23-0975	EA	1-1/2", 150#, Type 304 Stainless Steel Raised Face Threaded Flange		155.59	50.89
		For Work In Restricted Working Space, Add		*30.54*	
40 05 23 23-0976	EA	2", 150#, Type 304 Stainless Steel Raised Face Threaded Flange		199.79	64.64
		For Work In Restricted Working Space, Add		*38.79*	
40 05 23 23-0977	EA	2-1/2", 150#, Type 304 Stainless Steel Raised Face Threaded Flange		297.83	99.63
		For Work In Restricted Working Space, Add		*59.80*	
40 05 23 23-0978	EA	3", 150#, Type 304 Stainless Steel Raised Face Threaded Flange		357.51	203.33
		For Work In Restricted Working Space, Add		*76.34*	
40 05 23 23-0979	EA	4", 150#, Type 304 Stainless Steel Raised Face Threaded Flange		459.86	159.43
		For Work In Restricted Working Space, Add		*95.68*	
40 05 23 23-0980		300#, Type 304 Stainless Steel Raised Face Threaded Flange *(40 05 23 23-0969)*			
40 05 23 23-0981	EA	1/2", 300#, Type 304 Stainless Steel Raised Face Threaded Flange		92.38	19.30
		For Work In Restricted Working Space, Add		*11.57*	
40 05 23 23-0982	EA	3/4", 300#, Type 304 Stainless Steel Raised Face Threaded Flange		105.24	25.73
		For Work In Restricted Working Space, Add		*15.43*	
40 05 23 23-0983	EA	1", 300#, Type 304 Stainless Steel Raised Face Threaded Flange		117.59	31.89
		For Work In Restricted Working Space, Add		*19.14*	
40 05 23 23-0984	EA	1-1/4", 300#, Type 304 Stainless Steel Raised Face Threaded Flange		172.87	45.14
		For Work In Restricted Working Space, Add		*27.08*	
40 05 23 23-0985	EA	1-1/2", 300#, Type 304 Stainless Steel Raised Face Threaded Flange		184.40	50.89
		For Work In Restricted Working Space, Add		*30.54*	
40 05 23 23-0986	EA	2", 300#, Type 304 Stainless Steel Raised Face Threaded Flange		229.33	64.64
		For Work In Restricted Working Space, Add		*38.79*	
40 05 23 23-0987	EA	2-1/2", 300#, Type 304 Stainless Steel Raised Face Threaded Flange		363.76	99.63
		For Work In Restricted Working Space, Add		*59.80*	
40 05 23 23-0988	EA	3", 300#, Type 304 Stainless Steel Raised Face Threaded Flange		424.93	203.33
		For Work In Restricted Working Space, Add		*76.34*	
40 05 23 23-0989	EA	4", 300#, Type 304 Stainless Steel Raised Face Threaded Flange		563.67	159.43
		For Work In Restricted Working Space, Add		*95.68*	
40 05 23 23-0990		150#, Type 304 Stainless Steel Raised Face Weld Neck Flange *(40 05 23 23-0969)*			
40 05 23 23-0991	EA	1/2", 150#, Type 304 Stainless Steel Weld Neck Flange		97.75	28.64
		For Work In Restricted Working Space, Add		*19.10*	
40 05 23 23-0992	EA	3/4", 150#, Type 304 Stainless Steel Weld Neck Flange		105.45	30.40
		For Work In Restricted Working Space, Add		*20.27*	
40 05 23 23-0993	EA	1", 150#, Type 304 Stainless Steel Weld Neck Flange		118.20	33.42
		For Work In Restricted Working Space, Add		*22.28*	
40 05 23 23-0994	EA	1-1/4", 150#, Type 304 Stainless Steel Weld Neck Flange		143.91	36.45
		For Work In Restricted Working Space, Add		*24.30*	
40 05 23 23-0995	EA	1-1/2", 150#, Type 304 Stainless Steel Weld Neck Flange		152.19	40.17
		For Work In Restricted Working Space, Add		*26.78*	
40 05 23 23-0996	EA	2", 150#, Type 304 Stainless Steel Weld Neck Flange		169.18	44.75
		For Work In Restricted Working Space, Add		*29.84*	
40 05 23 23-0997	EA	2-1/2", 150#, Type 304 Stainless Steel Weld Neck Flange		232.51	57.23
		For Work In Restricted Working Space, Add		*38.15*	
40 05 23 23-0998	EA	3", 150#, Type 304 Stainless Steel Weld Neck Flange		264.07	67.00
		For Work In Restricted Working Space, Add		*44.67*	
40 05 23 23-0999	EA	4", 150#, Type 304 Stainless Steel Weld Neck Flange		339.03	80.28
		For Work In Restricted Working Space, Add		*53.52*	
40 05 23 23-1000	EA	6", 150#, Type 304 Stainless Steel Weld Neck Flange		500.21	100.30
		For Work In Restricted Working Space, Add		*66.87*	
40 05 23 23-1001	EA	8", 150#, Type 304 Stainless Steel Weld Neck Flange		853.81	172.83
		For Work In Restricted Working Space, Add		*115.23*	
40 05 23 23-1002	EA	10", 150#, Type 304 Stainless Steel Weld Neck Flange		1,205.33	230.45
		For Work In Restricted Working Space, Add		*153.63*	
40 05 23 23-1003	EA	12", 150#, Type 304 Stainless Steel Weld Neck Flange		1,850.03	345.67
		For Work In Restricted Working Space, Add		*230.45*	
40 05 23 23-1004	EA	14", 150#, Type 304 Stainless Steel Weld Neck Flange		2,302.08	403.29
		For Work In Restricted Working Space, Add		*268.86*	
40 05 23 23-1005	EA	16", 150#, Type 304 Stainless Steel Weld Neck Flange		2,856.86	460.02
		For Work In Restricted Working Space, Add		*306.68*	
40 05 23 23-1006	EA	18", 150#, Type 304 Stainless Steel Weld Neck Flange		3,508.91	576.12
		For Work In Restricted Working Space, Add		*384.08*	
40 05 23 23-1007	EA	20", 150#, Type 304 Stainless Steel Weld Neck Flange		4,568.94	806.58
		For Work In Restricted Working Space, Add		*537.72*	
40 05 23 23-1008	EA	24", 150#, Type 304 Stainless Steel Weld Neck Flange		6,495.18	1,152.25
		For Work In Restricted Working Space, Add		*768.17*	
40 05 23 23-1009		300#, Type 304 Stainless Steel Raised Face Weld Neck Flange *(40 05 23 23-0969)*			

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-1010	EA	1/2" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	121.25	28.64
		For Work In Restricted Working Space, Add	*19.10*	
40 05 23 23-1011	EA	3/4" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	125.16	30.40
		For Work In Restricted Working Space, Add	*20.27*	
40 05 23 23-1012	EA	1" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	131.86	33.42
		For Work In Restricted Working Space, Add	*22.28*	
40 05 23 23-1013	EA	1-1/4" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	170.38	36.45
		For Work In Restricted Working Space, Add	*24.30*	
40 05 23 23-1014	EA	1-1/2" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	178.66	40.17
		For Work In Restricted Working Space, Add	*26.78*	
40 05 23 23-1015	EA	2" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	191.90	44.75
		For Work In Restricted Working Space, Add	*29.84*	
40 05 23 23-1016	EA	2-1/2" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	271.88	57.23
		For Work In Restricted Working Space, Add	*38.15*	
40 05 23 23-1017	EA	3" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	308.00	67.00
		For Work In Restricted Working Space, Add	*44.67*	
40 05 23 23-1018	EA	4" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	442.04	80.28
		For Work In Restricted Working Space, Add	*53.52*	
40 05 23 23-1019	EA	6" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	616.87	100.30
		For Work In Restricted Working Space, Add	*66.87*	
40 05 23 23-1020	EA	8" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	1,144.73	172.83
		For Work In Restricted Working Space, Add	*115.23*	
40 05 23 23-1021	EA	10" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	1,589.46	230.45
		For Work In Restricted Working Space, Add	*153.63*	
40 05 23 23-1022	EA	12" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	2,337.97	345.67
		For Work In Restricted Working Space, Add	*230.45*	
40 05 23 23-1023	EA	14" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	3,073.40	403.29
		For Work In Restricted Working Space, Add	*268.86*	
40 05 23 23-1024	EA	16" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	3,779.28	460.02
		For Work In Restricted Working Space, Add	*306.68*	
40 05 23 23-1025	EA	18" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	4,822.40	576.12
		For Work In Restricted Working Space, Add	*384.08*	
40 05 23 23-1026	EA	20" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	6,249.49	806.58
		For Work In Restricted Working Space, Add	*537.72*	
40 05 23 23-1027	EA	24" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	9,090.70	1,152.25
		For Work In Restricted Working Space, Add	*768.17*	
40 05 23 23-1028		**150#, Type 304 Stainless Steel Raised Face Slip-On Flanges** *(40 05 23 23-0969)*		
40 05 23 23-1029	EA	1/2", 150#, Type 304 Stainless Steel Slip-On Flange	157.61	57.29
		For Work In Restricted Working Space, Add	*38.19*	
40 05 23 23-1030	EA	3/4", 150#, Type 304 Stainless Steel Slip-On Flange	166.21	60.80
		For Work In Restricted Working Space, Add	*40.54*	
40 05 23 23-1031	EA	1", 150#, Type 304 Stainless Steel Slip-On Flange	182.62	66.83
		For Work In Restricted Working Space, Add	*44.56*	
40 05 23 23-1032	EA	1-1/4", 150#, Type 304 Stainless Steel Slip-On Flange	208.22	72.90
		For Work In Restricted Working Space, Add	*48.60*	
40 05 23 23-1033	EA	1-1/2", 150#, Type 304 Stainless Steel Slip-On Flange	224.79	80.35
		For Work In Restricted Working Space, Add	*53.57*	
40 05 23 23-1034	EA	2", 150#, Type 304 Stainless Steel Slip-On Flange	258.79	89.50
		For Work In Restricted Working Space, Add	*59.67*	
40 05 23 23-1035	EA	2-1/2", 150#, Type 304 Stainless Steel Slip-On Flange	338.46	114.45
		For Work In Restricted Working Space, Add	*76.31*	
40 05 23 23-1036	EA	3", 150#, Type 304 Stainless Steel Slip-On Flange	387.98	134.00
		For Work In Restricted Working Space, Add	*89.34*	
40 05 23 23-1037	EA	4", 150#, Type 304 Stainless Steel Slip-On Flange	479.58	160.57
		For Work In Restricted Working Space, Add	*107.05*	
40 05 23 23-1038	EA	6", 150#, Type 304 Stainless Steel Slip-On Flange	632.96	200.61
		For Work In Restricted Working Space, Add	*133.74*	
40 05 23 23-1039	EA	8", 150#, Type 304 Stainless Steel Slip-On Flange	1,121.99	345.67
		For Work In Restricted Working Space, Add	*230.45*	
40 05 23 23-1040	EA	10" 150#, Type 304 Stainless Steel Raised Face Slip-On Flange	1,573.50	460.90
		For Work In Restricted Working Space, Add	*307.27*	
40 05 23 23-1041	EA	12" 150#, Type 304 Stainless Steel Raised Face Slip-On Flange	2,347.76	691.34
		For Work In Restricted Working Space, Add	*460.90*	
40 05 23 23-1042		**300#, Type 304 Stainless Steel Raised Face Slip-On Flanges** *(40 05 23 23-0969)*		
40 05 23 23-1043	EA	1/2" 300#, Type 304 Stainless Steel Raised Neck Slip-On Flange	172.77	57.29
		For Work In Restricted Working Space, Add	*38.19*	
40 05 23 23-1044	EA	3/4" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange	180.60	60.80
		For Work In Restricted Working Space, Add	*40.54*	
40 05 23 23-1045	EA	1" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange	193.99	66.83
		For Work In Restricted Working Space, Add	*44.56*	
40 05 23 23-1046	EA	1-1/4" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange	231.72	72.90
		For Work In Restricted Working Space, Add	*48.60*	
40 05 23 23-1047	EA	1-1/2" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange	248.29	80.35
		For Work In Restricted Working Space, Add	*53.57*	
40 05 23 23-1048	EA	2" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange	274.67	89.50
		For Work In Restricted Working Space, Add	*59.67*	
40 05 23 23-1049	EA	2-1/2" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange	397.58	114.45
		For Work In Restricted Working Space, Add	*76.31*	
40 05 23 23-1050	EA	3" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange	447.06	134.00
		For Work In Restricted Working Space, Add	*89.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-1051	EA	4" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange	561.39	160.57
		For Work In Restricted Working Space, Add	*107.05*	
40 05 23 23-1052	EA	6" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange	864.03	200.61
		For Work In Restricted Working Space, Add	*133.74*	
40 05 23 23-1053	EA	8" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange	1,355.32	345.67
		For Work In Restricted Working Space, Add	*230.45*	
40 05 23 23-1054	EA	10" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange	1,949.29	460.90
		For Work In Restricted Working Space, Add	*307.27*	
40 05 23 23-1055	EA	12" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange	2,831.14	691.34
		For Work In Restricted Working Space, Add	*460.90*	

40 05 23 23-1056 150#, Type 304 Stainless Steel Blind Flanges *(40 05 23 23-0969)*

40 05 23 23-1057	EA	1/2", 150#, Type 304 Stainless Steel Raised Face Blind Flange	57.79	11.44
		For Work In Restricted Working Space, Add	*7.64*	
40 05 23 23-1058	EA	3/4", 150#, Type 304 Stainless Steel Raised Face Blind Flange	60.35	12.15
		For Work In Restricted Working Space, Add	*8.11*	
40 05 23 23-1059	EA	1", 150#, Type 304 Stainless Steel Raised Face Blind Flange	65.33	13.35
		For Work In Restricted Working Space, Add	*8.91*	
40 05 23 23-1060	EA	1-1/4", 150#, Type 304 Stainless Steel Raised Face Blind Flange	83.84	14.88
		For Work In Restricted Working Space, Add	*9.92*	
40 05 23 23-1061	EA	1-1/2", 150#, Type 304 Stainless Steel Raised Face Blind Flange	95.45	20.11
		For Work In Restricted Working Space, Add	*13.40*	
40 05 23 23-1062	EA	2", 150#, Type 304 Stainless Steel Raised Face Blind Flange	112.49	22.31
		For Work In Restricted Working Space, Add	*14.87*	
40 05 23 23-1063	EA	2-1/2", 150#, Type 304 Stainless Steel Raised Face Blind Flange	153.16	28.69
		For Work In Restricted Working Space, Add	*19.13*	
40 05 23 23-1064	EA	3", 150#, Type 304 Stainless Steel Raised Face Blind Flange	187.84	40.21
		For Work In Restricted Working Space, Add	*26.81*	
40 05 23 23-1065	EA	4", 150#, Type 304 Stainless Steel Raised Face Blind Flange	286.78	66.98
		For Work In Restricted Working Space, Add	*44.66*	
40 05 23 23-1066	EA	6", 150#, Type 304 Stainless Steel Raised Face Blind Flange	392.96	86.14
		For Work In Restricted Working Space, Add	*57.43*	
40 05 23 23-1067	EA	8", 150#, Type 304 Stainless Steel Raised Face Blind Flange	607.96	107.54
		For Work In Restricted Working Space, Add	*71.70*	
40 05 23 23-1068	EA	10", 150#, Type 304 Stainless Steel Raised Face Blind Flange	927.74	129.05
		For Work In Restricted Working Space, Add	*86.04*	
40 05 23 23-1069	EA	12", 150#, Type 304 Stainless Steel Raised Face Blind Flange	1,225.95	161.31
		For Work In Restricted Working Space, Add	*107.54*	
40 05 23 23-1070	EA	14", 150#, Type 304 Stainless Steel Raised Face Blind Flange	1,557.80	201.65
		For Work In Restricted Working Space, Add	*134.43*	
40 05 23 23-1071	EA	16", 150#, Type 304 Stainless Steel Raised Face Blind Flange	2,004.06	230.02
		For Work In Restricted Working Space, Add	*153.35*	
40 05 23 23-1072	EA	18", 150#, Type 304 Stainless Steel Raised Face Blind Flange	2,372.56	288.06
		For Work In Restricted Working Space, Add	*192.05*	
40 05 23 23-1073	EA	20", 150#, Type 304 Stainless Steel Raised Face Blind Flange	3,155.51	403.29
		For Work In Restricted Working Space, Add	*268.86*	
40 05 23 23-1074	EA	24", 150#, Type 304 Stainless Steel Raised Face Blind Flange	4,593.41	576.12
		For Work In Restricted Working Space, Add	*384.08*	

40 05 23 23-1075 300#, Type 304 Stainless Steel Blind Flanges *(40 05 23 23-0969)*

40 05 23 23-1076	EA	1/2", 300#, Type 304 Stainless Steel Raised Face Blind Flange	73.21	11.44
		For Work In Restricted Working Space, Add	*7.64*	
40 05 23 23-1077	EA	3/4", 300#, Type 304 Stainless Steel Raised Face Blind Flange	74.77	12.15
		For Work In Restricted Working Space, Add	*8.11*	
40 05 23 23-1078	EA	1", 300#, Type 304 Stainless Steel Raised Face Blind Flange	77.46	13.35
		For Work In Restricted Working Space, Add	*8.91*	
40 05 23 23-1079	EA	1-1/4", 300#, Type 304 Stainless Steel Raised Face Blind Flange	98.22	14.88
		For Work In Restricted Working Space, Add	*9.92*	
40 05 23 23-1080	EA	1-1/2", 300#, Type 304 Stainless Steel Raised Face Blind Flange	109.83	20.11
		For Work In Restricted Working Space, Add	*13.40*	
40 05 23 23-1081	EA	2", 300#, Type 304 Stainless Steel Raised Face Blind Flange	120.06	22.31
		For Work In Restricted Working Space, Add	*14.87*	
40 05 23 23-1082	EA	2-1/2", 300#, Type 304 Stainless Steel Raised Face Blind Flange	206.20	28.69
		For Work In Restricted Working Space, Add	*19.13*	
40 05 23 23-1083	EA	3", 300#, Type 304 Stainless Steel Raised Face Blind Flange	237.47	40.21
		For Work In Restricted Working Space, Add	*26.81*	
40 05 23 23-1084	EA	4", 300#, Type 304 Stainless Steel Raised Face Blind Flange	348.88	66.98
		For Work In Restricted Working Space, Add	*44.66*	
40 05 23 23-1085	EA	6", 300#, Type 304 Stainless Steel Raised Face Blind Flange	649.02	86.14
		For Work In Restricted Working Space, Add	*57.43*	
40 05 23 23-1086	EA	8", 300#, Type 304 Stainless Steel Raised Face Blind Flange	914.03	107.54
		For Work In Restricted Working Space, Add	*71.70*	
40 05 23 23-1087	EA	10", 300#, Type 304 Stainless Steel Raised Face Blind Flange	1,300.47	129.05
		For Work In Restricted Working Space, Add	*86.04*	
40 05 23 23-1088	EA	12", 300#, Type 304 Stainless Steel Raised Face Blind Flange	1,797.95	161.31
		For Work In Restricted Working Space, Add	*107.54*	
40 05 23 23-1089	EA	14", 300#, Type 304 Stainless Steel Raised Face Blind Flange	2,511.83	201.65
		For Work In Restricted Working Space, Add	*134.43*	
40 05 23 23-1090	EA	16", 300#, Type 304 Stainless Steel Raised Face Blind Flange	3,208.56	230.02
		For Work In Restricted Working Space, Add	*153.35*	
40 05 23 23-1091	EA	18", 300#, Type 304 Stainless Steel Raised Face Blind Flange	4,185.32	288.06
		For Work In Restricted Working Space, Add	*192.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-1092	EA	20", 300#, Type 304 Stainless Steel Raised Face Blind Flange	5,306.25	403.29
		For Work In Restricted Working Space, Add	*268.86*	
40 05 23 23-1093	EA	24", 300#, Type 304 Stainless Steel Raised Face Blind Flange	8,130.85	576.12
		For Work In Restricted Working Space, Add	*384.08*	
40 05 23 23-1094		**150#, Type 316 Stainless Steel Raised Face Threaded Flange** *(40 05 23 23-0969)*		
40 05 23 23-1095	EA	1/2", 150#, Type 316 Stainless Steel Raised Face Threaded Flange	86.33	19.30
		For Work In Restricted Working Space, Add	*11.57*	
40 05 23 23-1096	EA	3/4", 150#, Type 316 Stainless Steel Raised Face Threaded Flange	106.77	25.73
		For Work In Restricted Working Space, Add	*15.43*	
40 05 23 23-1097	EA	1", 150#, Type 316 Stainless Steel Raised Face Threaded Flange	122.87	31.89
		For Work In Restricted Working Space, Add	*19.14*	
40 05 23 23-1098	EA	1-1/4", 150#, Type 316 Stainless Steel Raised Face Threaded Flange	169.04	45.14
		For Work In Restricted Working Space, Add	*27.08*	
40 05 23 23-1099	EA	1-1/2", 150#, Type 316 Stainless Steel Raised Face Threaded Flange	180.57	50.89
		For Work In Restricted Working Space, Add	*30.54*	
40 05 23 23-1100	EA	2", 150#, Type 316 Stainless Steel Raised Face Threaded Flange	227.07	64.64
		For Work In Restricted Working Space, Add	*38.79*	
40 05 23 23-1101	EA	2-1/2", 150#, Type 316 Stainless Steel Raised Face Threaded Flange	337.24	99.63
		For Work In Restricted Working Space, Add	*59.80*	
40 05 23 23-1102	EA	3", 150#, Type 316 Stainless Steel Raised Face Threaded Flange	408.29	203.33
		For Work In Restricted Working Space, Add	*76.34*	
40 05 23 23-1103	EA	4", 150#, Type 316 Stainless Steel Raised Face Threaded Flange	531.07	159.43
		For Work In Restricted Working Space, Add	*95.68*	
40 05 23 23-1104		**300#, Type 316 Stainless Steel Raised Face Threaded Flange** *(40 05 23 23-0969)*		
40 05 23 23-1105	EA	1/2", 300#, Type 316 Stainless Steel Raised Face Threaded Flange	112.08	19.30
		For Work In Restricted Working Space, Add	*11.57*	
40 05 23 23-1106	EA	3/4", 300#, Type 316 Stainless Steel Raised Face Threaded Flange	124.94	25.73
		For Work In Restricted Working Space, Add	*15.43*	
40 05 23 23-1107	EA	1", 300#, Type 316 Stainless Steel Raised Face Threaded Flange	137.29	31.89
		For Work In Restricted Working Space, Add	*19.14*	
40 05 23 23-1108	EA	1-1/4", 300#, Type 316 Stainless Steel Raised Face Threaded Flange	210.75	45.14
		For Work In Restricted Working Space, Add	*27.08*	
40 05 23 23-1109	EA	1-1/2", 300#, Type 316 Stainless Steel Raised Face Threaded Flange	222.28	50.89
		For Work In Restricted Working Space, Add	*30.54*	
40 05 23 23-1110	EA	2", 300#, Type 316 Stainless Steel Raised Face Threaded Flange	262.66	64.64
		For Work In Restricted Working Space, Add	*38.79*	
40 05 23 23-1111	EA	2-1/2", 300#, Type 316 Stainless Steel Raised Face Threaded Flange	438.75	99.63
		For Work In Restricted Working Space, Add	*59.80*	
40 05 23 23-1112	EA	3", 300#, Type 316 Stainless Steel Raised Face Threaded Flange	501.46	203.33
		For Work In Restricted Working Space, Add	*76.34*	
40 05 23 23-1113	EA	4", 300#, Type 316 Stainless Steel Raised Face Threaded Flange	685.62	159.43
		For Work In Restricted Working Space, Add	*95.68*	
40 05 23 23-1114		**150#, Type 316 Stainless Steel Raised Face Weld Neck Flange** *(40 05 23 23-0969)*		
40 05 23 23-1115	EA	1/2", 150#, Type 316 Stainless Steel Weld Neck Flange	115.16	28.64
		For Work In Restricted Working Space, Add	*19.10*	
40 05 23 23-1116	EA	3/4", 150#, Type 316 Stainless Steel Weld Neck Flange	122.90	30.40
		For Work In Restricted Working Space, Add	*20.27*	
40 05 23 23-1117	EA	1", 150#, Type 316 Stainless Steel Weld Neck Flange	137.90	33.42
		For Work In Restricted Working Space, Add	*22.28*	
40 05 23 23-1118	EA	1-1/4", 150#, Type 316 Stainless Steel Weld Neck Flange	169.66	36.45
		For Work In Restricted Working Space, Add	*24.30*	
40 05 23 23-1119	EA	1-1/2", 150#, Type 316 Stainless Steel Weld Neck Flange	177.94	40.17
		For Work In Restricted Working Space, Add	*26.78*	
40 05 23 23-1120	EA	2", 150#, Type 316 Stainless Steel Weld Neck Flange	195.69	44.75
		For Work In Restricted Working Space, Add	*29.84*	
40 05 23 23-1121	EA	2-1/2", 150#, Type 316 Stainless Steel Weld Neck Flange	277.16	57.23
		For Work In Restricted Working Space, Add	*38.15*	
40 05 23 23-1122	EA	3", 150#, Type 316 Stainless Steel Weld Neck Flange	304.21	67.00
		For Work In Restricted Working Space, Add	*44.67*	
40 05 23 23-1123	EA	4", 150#, Type 316 Stainless Steel Weld Neck Flange	407.22	80.28
		For Work In Restricted Working Space, Add	*53.52*	
40 05 23 23-1124	EA	6", 150#, Type 316 Stainless Steel Weld Neck Flange	618.40	100.30
		For Work In Restricted Working Space, Add	*66.87*	
40 05 23 23-1125	EA	8", 150#, Type 316 Stainless Steel Weld Neck Flange	1,036.41	172.83
		For Work In Restricted Working Space, Add	*115.23*	
40 05 23 23-1126	EA	10", 150#, Type 316 Stainless Steel Weld Neck Flange	1,509.91	230.45
		For Work In Restricted Working Space, Add	*153.63*	
40 05 23 23-1127	EA	12", 150#, Type 316 Stainless Steel Weld Neck Flange	2,252.37	345.67
		For Work In Restricted Working Space, Add	*230.45*	
40 05 23 23-1128	EA	14", 150#, Type 316 Stainless Steel Weld Neck Flange	2,635.30	403.29
		For Work In Restricted Working Space, Add	*268.86*	
40 05 23 23-1129	EA	16", 150#, Type 316 Stainless Steel Weld Neck Flange	3,291.69	460.02
		For Work In Restricted Working Space, Add	*306.68*	
40 05 23 23-1130	EA	18", 150#, Type 316 Stainless Steel Weld Neck Flange	4,037.13	576.12
		For Work In Restricted Working Space, Add	*384.08*	
40 05 23 23-1131	EA	20", 150#, Type 316 Stainless Steel Weld Neck Flange	5,227.03	806.58
		For Work In Restricted Working Space, Add	*537.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-1132	EA	24", 150#, Type 316 Stainless Steel Weld Neck Flange	7,427.74	1,152.25
		For Work In Restricted Working Space, Add	*768.17*	

40 05 23 23-1133 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange *(40 05 23 23-0969)*

40 05 23 23-1134	EA	1/2" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	143.98	28.64
		For Work In Restricted Working Space, Add	*19.10*	
40 05 23 23-1135	EA	3/4" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	147.89	30.40
		For Work In Restricted Working Space, Add	*20.27*	
40 05 23 23-1136	EA	1" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	154.59	33.42
		For Work In Restricted Working Space, Add	*22.28*	
40 05 23 23-1137	EA	1-1/4" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	201.49	36.45
		For Work In Restricted Working Space, Add	*24.30*	
40 05 23 23-1138	EA	1-1/2" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	209.77	40.17
		For Work In Restricted Working Space, Add	*26.78*	
40 05 23 23-1139	EA	2" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	229.79	44.75
		For Work In Restricted Working Space, Add	*29.84*	
40 05 23 23-1140	EA	2-1/2" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	337.05	57.23
		For Work In Restricted Working Space, Add	*38.15*	
40 05 23 23-1141	EA	3" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	369.37	67.00
		For Work In Restricted Working Space, Add	*44.67*	
40 05 23 23-1142	EA	4" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	555.68	80.28
		For Work In Restricted Working Space, Add	*53.52*	
40 05 23 23-1143	EA	6" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	897.95	100.30
		For Work In Restricted Working Space, Add	*66.87*	
40 05 23 23-1144	EA	8" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	1,431.90	172.83
		For Work In Restricted Working Space, Add	*115.23*	
40 05 23 23-1145	EA	10" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	2,054.63	230.45
		For Work In Restricted Working Space, Add	*153.63*	
40 05 23 23-1146	EA	12" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	3,021.32	345.67
		For Work In Restricted Working Space, Add	*230.45*	
40 05 23 23-1147	EA	14" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	4,067.31	403.29
		For Work In Restricted Working Space, Add	*268.86*	
40 05 23 23-1148	EA	16" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	5,037.86	460.02
		For Work In Restricted Working Space, Add	*306.68*	
40 05 23 23-1149	EA	18" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	6,439.40	576.12
		For Work In Restricted Working Space, Add	*384.08*	
40 05 23 23-1150	EA	20" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	8,284.18	806.58
		For Work In Restricted Working Space, Add	*537.72*	
40 05 23 23-1151	EA	24" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	12,071.73	1,152.25
		For Work In Restricted Working Space, Add	*768.17*	

40 05 23 23-1152 150#, Type 316 Stainless Steel Raised Face Slip-On Flanges *(40 05 23 23-0969)*

40 05 23 23-1153	EA	1/2", 150#, Type 316 Stainless Steel Slip-On Flange	166.72	57.29
		For Work In Restricted Working Space, Add	*38.19*	
40 05 23 23-1154	EA	3/4", 150#, Type 316 Stainless Steel Slip-On Flange	179.87	60.80
		For Work In Restricted Working Space, Add	*40.54*	
40 05 23 23-1155	EA	1", 150#, Type 316 Stainless Steel Slip-On Flange	198.27	66.83
		For Work In Restricted Working Space, Add	*44.56*	
40 05 23 23-1156	EA	1-1/4", 150#, Type 316 Stainless Steel Slip-On Flange	265.31	72.90
		For Work In Restricted Working Space, Add	*48.60*	
40 05 23 23-1157	EA	1-1/2", 150#, Type 316 Stainless Steel Slip-On Flange	242.97	80.35
		For Work In Restricted Working Space, Add	*53.57*	
40 05 23 23-1158	EA	2", 150#, Type 316 Stainless Steel Slip-On Flange	263.31	89.50
		For Work In Restricted Working Space, Add	*59.67*	
40 05 23 23-1159	EA	2-1/2", 150#, Type 316 Stainless Steel Slip-On Flange	335.44	114.45
		For Work In Restricted Working Space, Add	*76.31*	
40 05 23 23-1160	EA	3", 150#, Type 316 Stainless Steel Slip-On Flange	413.73	134.00
		For Work In Restricted Working Space, Add	*89.34*	
40 05 23 23-1161	EA	4", 150#, Type 316 Stainless Steel Slip-On Flange	534.10	160.57
		For Work In Restricted Working Space, Add	*107.05*	
40 05 23 23-1162	EA	6", 150#, Type 316 Stainless Steel Slip-On Flange	714.00	200.61
		For Work In Restricted Working Space, Add	*133.74*	
40 05 23 23-1163	EA	8", 150#, Type 316 Stainless Steel Slip-On Flange	1,289.40	345.67
		For Work In Restricted Working Space, Add	*230.45*	
40 05 23 23-1164	EA	10" 150#, Type 316 Stainless Steel Raised Face Slip-On Flange	1,802.32	460.90
		For Work In Restricted Working Space, Add	*307.27*	
40 05 23 23-1165	EA	12" 150#, Type 316 Stainless Steel Raised Face Slip-On Flange	2,653.83	691.34
		For Work In Restricted Working Space, Add	*460.90*	

40 05 23 23-1166 300#, Type 316 Stainless Steel Raised Face Slip-On Flanges *(40 05 23 23-0969)*

40 05 23 23-1167	EA	1/2" 300#, Type 316 Stainless Steel Raised Neck Slip-On Flange	187.92	57.29
		For Work In Restricted Working Space, Add	*38.19*	
40 05 23 23-1168	EA	3/4" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange	195.75	60.80
		For Work In Restricted Working Space, Add	*40.54*	
40 05 23 23-1169	EA	1" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange	209.14	66.83
		For Work In Restricted Working Space, Add	*44.56*	
40 05 23 23-1170	EA	1-1/4" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange	261.26	72.90
		For Work In Restricted Working Space, Add	*48.60*	
40 05 23 23-1171	EA	1-1/2" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange	277.83	80.35
		For Work In Restricted Working Space, Add	*53.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-1172	EA	2" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange	302.60	89.50
		For Work In Restricted Working Space, Add	*59.67*	
40 05 23 23-1173	EA	2-1/2" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange	463.47	114.45
		For Work In Restricted Working Space, Add	*76.31*	
40 05 23 23-1174	EA	3" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange	514.48	134.00
		For Work In Restricted Working Space, Add	*89.34*	
40 05 23 23-1175	EA	4" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange	665.92	160.57
		For Work In Restricted Working Space, Add	*107.05*	
40 05 23 23-1176	EA	6" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange	1,016.32	200.61
		For Work In Restricted Working Space, Add	*133.74*	
40 05 23 23-1177	EA	8" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange	1,512.17	345.67
		For Work In Restricted Working Space, Add	*230.45*	
40 05 23 23-1178	EA	10" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange	2,459.91	460.90
		For Work In Restricted Working Space, Add	*307.27*	
40 05 23 23-1179	EA	12" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange	3,281.16	691.34
		For Work In Restricted Working Space, Add	*460.90*	

40 05 23 23-1180 150#, Type 316 Stainless Steel Blind Flanges *(40 05 23 23-0969)*

40 05 23 23-1181	EA	1/2", 150#, Type 316 Stainless Steel Raised Face Blind Flange	64.87	11.44
		For Work In Restricted Working Space, Add	*7.64*	
40 05 23 23-1182	EA	3/4", 150#, Type 316 Stainless Steel Raised Face Blind Flange	73.24	12.15
		For Work In Restricted Working Space, Add	*8.11*	
40 05 23 23-1183	EA	1", 150#, Type 316 Stainless Steel Raised Face Blind Flange	82.74	13.35
		For Work In Restricted Working Space, Add	*8.91*	
40 05 23 23-1184	EA	1-1/4", 150#, Type 316 Stainless Steel Raised Face Blind Flange	97.46	14.88
		For Work In Restricted Working Space, Add	*9.92*	
40 05 23 23-1185	EA	1-1/2", 150#, Type 316 Stainless Steel Raised Face Blind Flange	109.07	20.11
		For Work In Restricted Working Space, Add	*13.40*	
40 05 23 23-1186	EA	2", 150#, Type 316 Stainless Steel Raised Face Blind Flange	135.21	22.31
		For Work In Restricted Working Space, Add	*14.87*	
40 05 23 23-1187	EA	2-1/2", 150#, Type 316 Stainless Steel Raised Face Blind Flange	188.79	28.69
		For Work In Restricted Working Space, Add	*19.13*	
40 05 23 23-1188	EA	3", 150#, Type 316 Stainless Steel Raised Face Blind Flange	227.25	40.21
		For Work In Restricted Working Space, Add	*26.81*	
40 05 23 23-1189	EA	4", 150#, Type 316 Stainless Steel Raised Face Blind Flange	353.44	66.98
		For Work In Restricted Working Space, Add	*44.66*	
40 05 23 23-1190	EA	6", 150#, Type 316 Stainless Steel Raised Face Blind Flange	499.80	86.14
		For Work In Restricted Working Space, Add	*57.43*	
40 05 23 23-1191	EA	8", 150#, Type 316 Stainless Steel Raised Face Blind Flange	863.26	107.54
		For Work In Restricted Working Space, Add	*71.70*	
40 05 23 23-1192	EA	10", 150#, Type 316 Stainless Steel Raised Face Blind Flange	1,129.28	129.05
		For Work In Restricted Working Space, Add	*86.04*	
40 05 23 23-1193	EA	12", 150#, Type 316 Stainless Steel Raised Face Blind Flange	1,807.06	161.31
		For Work In Restricted Working Space, Add	*107.54*	
40 05 23 23-1194	EA	14", 150#, Type 316 Stainless Steel Raised Face Blind Flange	2,152.75	201.65
		For Work In Restricted Working Space, Add	*134.43*	
40 05 23 23-1195	EA	16", 150#, Type 316 Stainless Steel Raised Face Blind Flange	2,804.46	230.02
		For Work In Restricted Working Space, Add	*153.35*	
40 05 23 23-1196	EA	18", 150#, Type 316 Stainless Steel Raised Face Blind Flange	3,301.37	288.06
		For Work In Restricted Working Space, Add	*192.05*	
40 05 23 23-1197	EA	20", 150#, Type 316 Stainless Steel Raised Face Blind Flange	4,366.81	403.29
		For Work In Restricted Working Space, Add	*268.86*	
40 05 23 23-1198	EA	24", 150#, Type 316 Stainless Steel Raised Face Blind Flange	6,369.71	576.12
		For Work In Restricted Working Space, Add	*384.08*	

40 05 23 23-1199 300#, Type 316 Stainless Steel Blind Flanges *(40 05 23 23-0969)*

40 05 23 23-1200	EA	1/2", 300#, Type 316 Stainless Steel Raised Face Blind Flange	98.96	11.44
		For Work In Restricted Working Space, Add	*7.64*	
40 05 23 23-1201	EA	3/4", 300#, Type 316 Stainless Steel Raised Face Blind Flange	100.52	12.15
		For Work In Restricted Working Space, Add	*8.11*	
40 05 23 23-1202	EA	1", 300#, Type 316 Stainless Steel Raised Face Blind Flange	103.21	13.35
		For Work In Restricted Working Space, Add	*8.91*	
40 05 23 23-1203	EA	1-1/4", 300#, Type 316 Stainless Steel Raised Face Blind Flange	153.55	14.88
		For Work In Restricted Working Space, Add	*9.92*	
40 05 23 23-1204	EA	1-1/2", 300#, Type 316 Stainless Steel Raised Face Blind Flange	165.16	20.11
		For Work In Restricted Working Space, Add	*13.40*	
40 05 23 23-1205	EA	2", 300#, Type 316 Stainless Steel Raised Face Blind Flange	182.93	22.31
		For Work In Restricted Working Space, Add	*14.87*	
40 05 23 23-1206	EA	2-1/2", 300#, Type 316 Stainless Steel Raised Face Blind Flange	303.19	28.69
		For Work In Restricted Working Space, Add	*19.13*	
40 05 23 23-1207	EA	3", 300#, Type 316 Stainless Steel Raised Face Blind Flange	336.34	40.21
		For Work In Restricted Working Space, Add	*26.81*	
40 05 23 23-1208	EA	4", 300#, Type 316 Stainless Steel Raised Face Blind Flange	515.56	66.98
		For Work In Restricted Working Space, Add	*44.66*	
40 05 23 23-1209	EA	6", 300#, Type 316 Stainless Steel Raised Face Blind Flange	933.17	86.14
		For Work In Restricted Working Space, Add	*57.43*	
40 05 23 23-1210	EA	8", 300#, Type 316 Stainless Steel Raised Face Blind Flange	1,208.01	107.54
		For Work In Restricted Working Space, Add	*71.70*	
40 05 23 23-1211	EA	10", 300#, Type 316 Stainless Steel Raised Face Blind Flange	2,155.08	129.05
		For Work In Restricted Working Space, Add	*86.04*	
40 05 23 23-1212	EA	12", 300#, Type 316 Stainless Steel Raised Face Blind Flange	2,629.07	161.31
		For Work In Restricted Working Space, Add	*107.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-1213	EA	14", 300#, Type 316 Stainless Steel Raised Face Blind Flange	3,788.39	201.65
		For Work In Restricted Working Space, Add	*134.43*	
40 05 23 23-1214	EA	16", 300#, Type 316 Stainless Steel Raised Face Blind Flange	4,877.09	230.02
		For Work In Restricted Working Space, Add	*153.35*	
40 05 23 23-1215	EA	18", 300#, Type 316 Stainless Steel Raised Face Blind Flange	6,378.24	288.06
		For Work In Restricted Working Space, Add	*192.05*	
40 05 23 23-1216	EA	20", 300#, Type 316 Stainless Steel Raised Face Blind Flange	8,034.15	403.29
		For Work In Restricted Working Space, Add	*268.86*	
40 05 23 23-1217	EA	24", 300#, Type 316 Stainless Steel Raised Face Blind Flange	12,368.38	576.12
		For Work In Restricted Working Space, Add	*384.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

41 Material Processing and Handling Equipment

41 01 Operation and Maintenance of Material Processing and Handling Equipment *(41)*

41 01 20 Operation and Maintenance of Piece Material Handling Equipment *(41 01)*

41 01 20 13 Operation And Maintenance Of Hoists Or Cranes *(41 01 20)*

41 01 20 13-0001 Maintenance *(41 01 20 13)*

41 01 20 13-0002	EA	Regular Inspection	426.29	
41 01 20 13-0003	HR	Hoist Or Crane Servicing, Labor Only	127.48	
41 01 20 13-0004	MO	Hoist Or Crane Maintenance Contract	1,006.71	

41 20 Piece Material Handling Equipment *(41)*

41 22 Cranes and Hoists *(41 20)*

41 22 23 Hoists *(41 22)*

41 22 23 13 Fixed Hoists *(41 22 23)*

41 22 23 13-0001 Electric Hoists *(41 22 23 13)*

41 22 23 13-0002 Electric Industrial Chain Hoists *(41 22 23 13-0001)*

Note: Includes 20' of chain. Excludes beams.

41 22 23 13-0003	EA	500 LB Capacity, Electric Industrial Chain Hoist	2,730.00	377.53
		For DC Electrical Operated, Add	*493.16*	
		For Each LF Copper Conductor Bar, Add	*10.50*	
41 22 23 13-0004	EA	1,000 LB Capacity, Electric Industrial Chain Hoist	2,838.63	377.53
		For DC Electrical Operated, Add	*519.81*	
		For Each LF Copper Conductor Bar, Add	*10.50*	
41 22 23 13-0005	EA	2,000 LB Capacity, Electric Industrial Chain Hoist	3,114.64	377.53
		For DC Electrical Operated, Add	*585.70*	
		For Each LF Copper Conductor Bar, Add	*10.50*	
41 22 23 13-0006	EA	3,000 LB Capacity, Electric Industrial Chain Hoist	4,572.04	390.56
		For DC Electrical Operated, Add	*941.80*	
		For Each LF Copper Conductor Bar, Add	*10.50*	
41 22 23 13-0007	EA	4,000 LB Capacity, Electric Industrial Chain Hoist	3,981.56	390.56
		For DC Electrical Operated, Add	*791.86*	
		For Each LF Copper Conductor Bar, Add	*10.50*	
41 22 23 13-0008	EA	5,000 LB Capacity, Electric Industrial Chain Hoist	5,587.31	403.57
		For DC Electrical Operated, Add	*1,182.81*	
		For Each LF Copper Conductor Bar, Add	*10.50*	
41 22 23 13-0009	EA	6,000 LB Capacity, Electric Industrial Chain Hoist	5,130.93	442.63
		For DC Electrical Operated, Add	*1,032.29*	
		For Each LF Copper Conductor Bar, Add	*10.50*	
41 22 23 13-0010	EA	7,500 LB Capacity, Electric Industrial Chain Hoist	6,272.76	546.78
		For DC Electrical Operated, Add	*1,311.37*	
		For Each LF Copper Conductor Bar, Add	*10.50*	
41 22 23 13-0011	EA	10,000 LB Capacity, Electric Industrial Chain Hoist	7,367.54	580.66
		For DC Electrical Operated, Add	*1,590.75*	
		For Each LF Copper Conductor Bar, Add	*10.50*	
41 22 23 13-0012	EA	15,000 LB Capacity, Electric Industrial Chain Hoist	11,716.72	605.91
		For DC Electrical Operated, Add	*2,625.96*	
		For Each LF Copper Conductor Bar, Add	*10.50*	
41 22 23 13-0013	EA	20,000 LB Capacity, Electric Industrial Chain Hoist	13,973.76	631.16
		For DC Electrical Operated, Add	*3,177.10*	
		For Each LF Copper Conductor Bar, Add	*10.50*	
41 22 23 13-0014	EA	25,000 LB Capacity, Electric Industrial Chain Hoist	19,187.64	656.40
		For DC Electrical Operated, Add	*4,467.10*	
		For Each LF Copper Conductor Bar, Add	*10.50*	
41 22 23 13-0015	EA	30,000 LB Capacity, Electric Industrial Chain Hoist	24,475.64	719.52
		For DC Electrical Operated, Add	*5,757.38*	
		For Each LF Copper Conductor Bar, Add	*10.50*	

41 22 23 13-0016 Hand Chain Hoists *(41 22 23 13)*

41 22 23 13-0017	EA	1,000 LB Capacity, Hand Chain Hoist	1,860.54	160.66
41 22 23 13-0018	EA	2,000 LB Capacity, Hand Chain Hoist	2,194.54	162.86
41 22 23 13-0019	EA	3,000 LB Capacity, Hand Chain Hoist	2,950.70	170.57
41 22 23 13-0020	EA	4,000 LB Capacity, Hand Chain Hoist	3,322.95	172.76
41 22 23 13-0021	EA	5,000 LB Capacity, Hand Chain Hoist	4,012.67	181.58
41 22 23 13-0022	EA	6,000 LB Capacity, Hand Chain Hoist	4,492.97	212.38
41 22 23 13-0023	EA	10,000 LB Capacity, Hand Chain Hoist	6,236.64	218.99
41 22 23 13-0024	EA	16,000 LB Capacity, Hand Chain Hoist	8,146.30	264.10
41 22 23 13-0025	EA	20,000 LB Capacity, Hand Chain Hoist	9,954.75	276.21

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
41 22 23 13-0026	EA	30,000 LB Capacity, Hand Chain Hoist	17,560.40	315.83

END OF SECTION 41

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

43 Process Gas and Liquid Handling, Purification, and Storage Equipment

43 20 Liquid Handling Equipment *(43)*

43 23 Dry Location Liquid Pumps *(43 20)*

43 23 78 Controlled Volume Horizontal Reciprocating Pumps *(43 23)*

43 23 78 31 Controlled Volume Horizontal Mechanically-Coupled Diaphragm Simplex Reciprocating Pumps *(43 23 78)*

43 23 78 31-0001 Diaphragm Pump *(43 23 78 31)*

43 23 78 31-0002	EA	28 GPH Diaphragm Pump, Adjustable Flow 0-100% 250 PSI	4,962.31	

43 24 Suspended Liquid Pumps *(43 20)*

43 24 41 Archimedes Screw Pumps *(43 24)*

43 24 41 23 Positive-Displacement Inclined Closed-casing Archimedes Screw-type Pumps *(43 24 41)*

43 24 41 23-0001 Positive Displacement Pump *(43 24 41 23)*

43 24 41 23-0002	EA	25 GPH Positive Displacement Pump, Adjustable Flow 0-100% 200 PSI Neoprene Packing	4,078.46	

43 40 Gas and Liquid Storage *(43)*

43 42 Pressurized Tanks And Vessels *(43 40)*

43 42 41 Metallic Specialty Pressure Tanks *(43 42)*

43 42 41 00-0001 L.P.G. Tanks With Regulator And Safety Controls *(43 42 41)*

43 42 41 00-0002	EA	250 Gallon Aboveground LP Gas Storage Tank	2,215.36	140.40
43 42 41 00-0003	EA	500 Gallon Aboveground LP Gas Storage Tank	4,098.61	210.60
43 42 41 00-0004	EA	1,000 Gallon Aboveground LP Gas Storage Tank	5,869.54	224.64

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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